

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016969.D
 Acq On : 26 Jun 2020 09:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165736	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.46	113	122673	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	8.70	98	458664	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.12	95	176814	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	102213	44.606	ug/l	100
3) Chloromethane	1.31	50	142016	48.212	ug/l	97
4) Vinyl Chloride	1.39	62	137571	45.599	ug/l	98
5) Bromomethane	1.62	94	90403	44.182	ug/l	99
6) Chloroethane	1.71	64	89705	43.810	ug/l	99
7) Trichlorofluoromethane	1.92	101	232406	47.223	ug/l	97
8) Diethyl Ether	2.17	74	79954	42.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122457	46.486	ug/l	100
10) Methyl Iodide	2.49	142	154452	46.935	ug/l	98
11) Tert butyl alcohol	3.01	59	148448	216.566	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117282	44.008	ug/l	96
13) Acrolein	2.27	56	125693	247.400	ug/l	99
14) Allyl chloride	2.70	41	236812	47.724	ug/l	99
15) Acrylonitrile	3.11	53	345507	217.093	ug/l	100
16) Acetone	2.42	43	289461	203.950	ug/l	98
17) Carbon Disulfide	2.55	76	379798	44.944	ug/l	100
18) Methyl Acetate	2.75	43	150391	43.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	433605	46.550	ug/l	100
20) Methylene Chloride	2.83	84	139415	43.212	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136097	45.200	ug/l	97
22) Diisopropyl ether	3.82	45	456784	46.955	ug/l	95
23) Vinyl Acetate	3.78	43	1996046	234.448	ug/l	99
24) 1,1-Dichloroethane	3.67	63	247537	45.362	ug/l	98
25) 2-Butanone	4.63	43	467762	216.246	ug/l	100
26) 2,2-Dichloropropane	4.54	77	225956	51.189	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	148324	44.578	ug/l	99
28) Bromochloromethane	4.98	49	108713	42.633	ug/l	98
29) Tetrahydrofuran	5.08	42	314733	221.332	ug/l	99
30) Chloroform	5.17	83	248466	45.336	ug/l	100
31) Cyclohexane	5.55	56	219190	48.084	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	226724	46.176	ug/l	99
36) 1,1-Dichloropropene	5.76	75	189395	47.444	ug/l	100
37) Ethyl Acetate	4.79	43	191632	44.668	ug/l	99
38) Carbon Tetrachloride	5.75	117	204853	48.487	ug/l	99

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Manual Integrations
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MMDadoda
 6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	217444	50.336	ug/l	97
40) Benzene	6.11	78	534690	46.510	ug/l	99
41) Methacrylonitrile	5.00	41	105607	44.175	ug/l	99
42) 1,2-Dichloroethane	6.16	62	211216	46.762	ug/l	99
43) Isopropyl Acetate	6.41	43	328745	45.549	ug/l	100
44) Trichloroethene	7.18	130	144139	47.099	ug/l	95
45) 1,2-Dichloropropane	7.49	63	139342	45.338	ug/l	99
46) Dibromomethane	7.63	93	95808	45.887	ug/l	99
47) Bromodichloromethane	7.87	83	202581	46.389	ug/l	99
48) Methyl methacrylate	7.74	41	159914	47.448	ug/l	100
49) 1,4-Dioxane	7.71	88	64322	917.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	954873	231.169	ug/l	100
52) Toluene	8.76	92	334475	47.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226901	48.519	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237328	48.276	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134690	46.261	ug/l	99
56) Ethyl methacrylate	9.16	69	209345	47.976	ug/l	99
57) 1,3-Dichloropropane	9.35	76	231898	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539701	239.397	ug/l	100
59) 2-Hexanone	9.47	43	722302	232.446	ug/l	99
60) Dibromochloromethane	9.56	129	154494	46.549	ug/l	98
61) 1,2-Dibromoethane	9.65	107	141223	45.429	ug/l	99
64) Tetrachloroethene	9.32	164	127093	50.984	ug/l	98
65) Chlorobenzene	10.12	112	356156	47.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	137203	49.022	ug/l	99
67) Ethyl Benzene	10.23	91	656463	49.657	ug/l	100
68) m/p-Xylenes	10.34	106	488960	99.559	ug/l	99
69) o-Xylene	10.68	106	231338	49.373	ug/l	100
70) Styrene	10.70	104	406374	50.913	ug/l	99
71) Bromoform	10.84	173	106757	47.973	ug/l #	98
73) Isopropylbenzene	11.00	105	635213	49.151	ug/l	100
74) N-amyl acetate	10.88	43	295808	48.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	192951	44.365	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	187523m	47.606	ug/l	
77) Bromobenzene	11.24	156	154035	45.971	ug/l	98
78) n-propylbenzene	11.34	91	760030	49.826	ug/l	99
79) 2-Chlorotoluene	11.40	91	448952	48.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	546413	50.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73293	47.239	ug/l	95
82) 4-Chlorotoluene	11.49	91	539114	49.938	ug/l	99
83) tert-Butylbenzene	11.76	119	518274	49.539	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555953	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	622675	51.049	ug/l	99
86) p-Isopropyltoluene	12.05	119	575089	51.602	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277066	46.071	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	281879	45.913	ug/l	99
89) n-Butylbenzene	12.37	91	535043	51.003	ug/l	99
90) Hexachloroethane	12.58	117	109756	47.505	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	265834	46.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44369	44.584	ug/l	98

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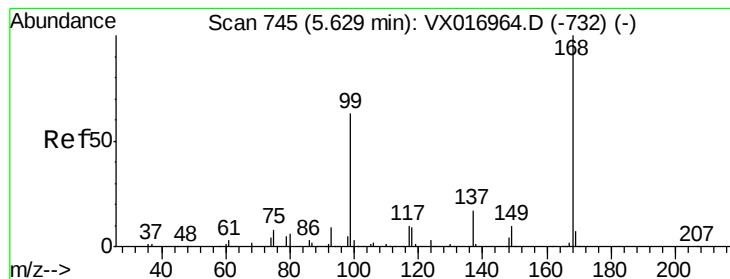
Manual Integrations
APPROVED

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6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174658	47.011	ug/l	97
94) Hexachlorobutadiene	13.77	225	67587	50.635	ug/l	98
95) Naphthalene	13.82	128	579465	47.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	170610	47.882	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 240433

Ion Ratio Lower Upper

168 100

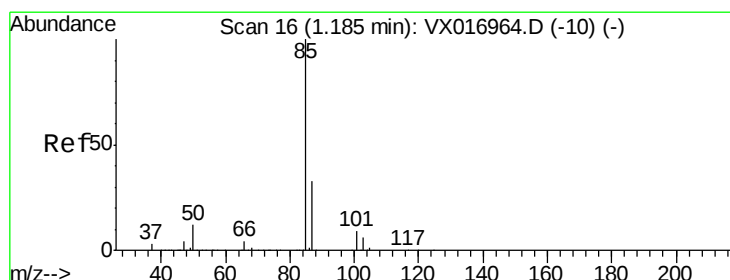
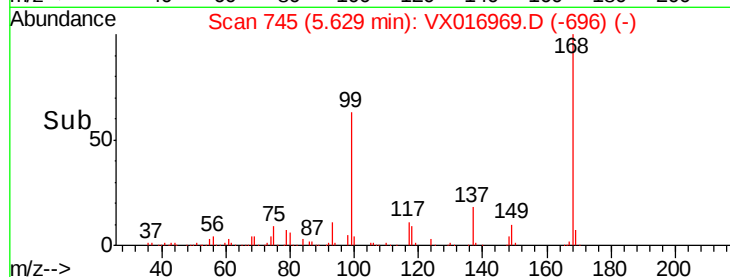
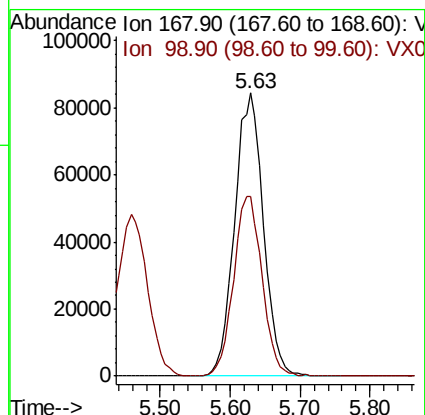
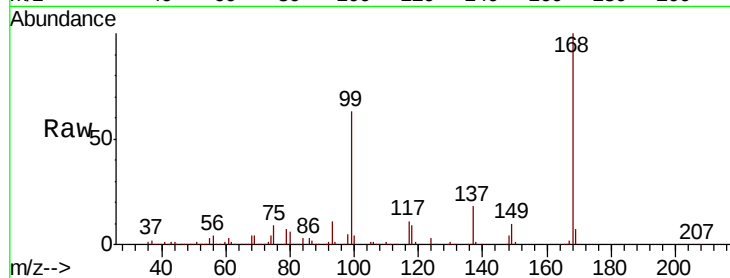
99 63.1 50.2 75.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.606 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016969.D

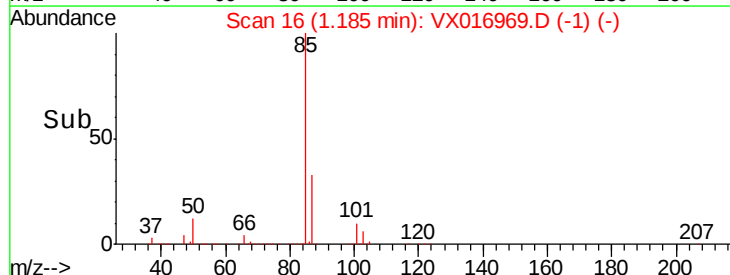
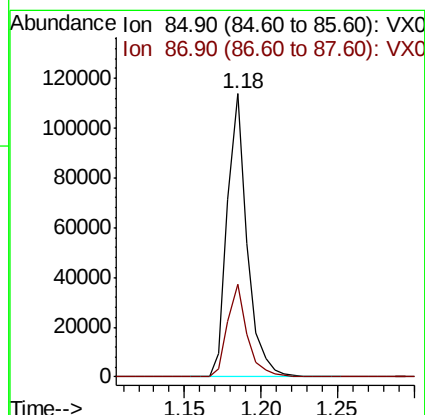
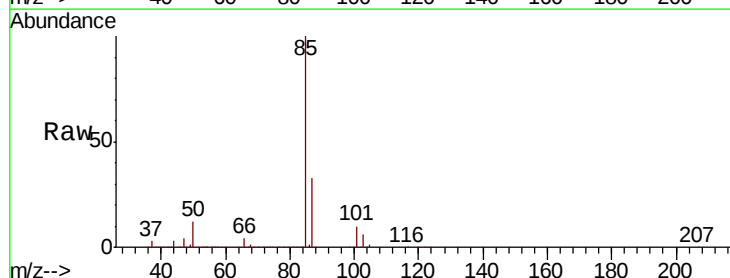
Acq: 26 Jun 2020 09:26

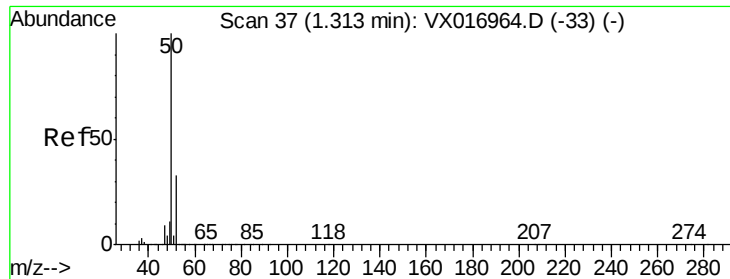
Tgt Ion: 85 Resp: 102213

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9





#3

Chloromethane

Concen: 48.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 142016

Ion Ratio Lower Upper

50 100

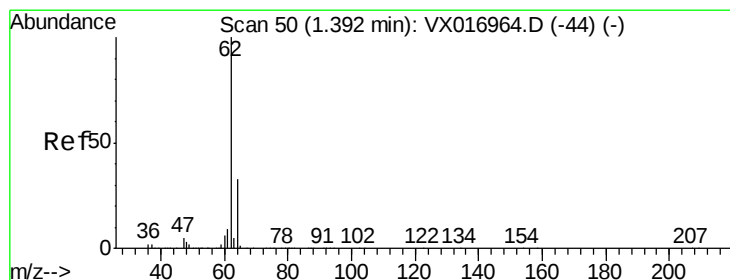
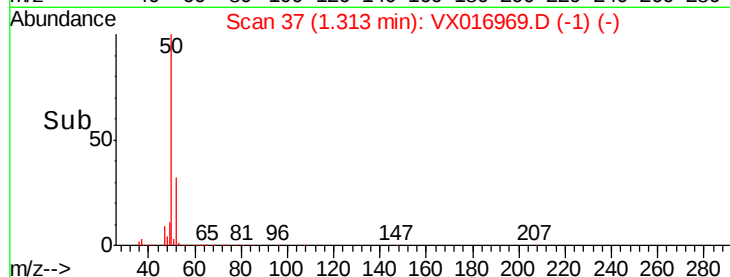
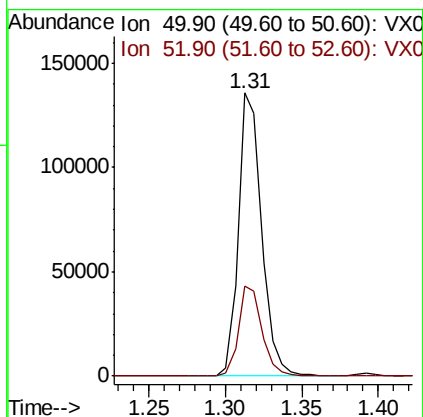
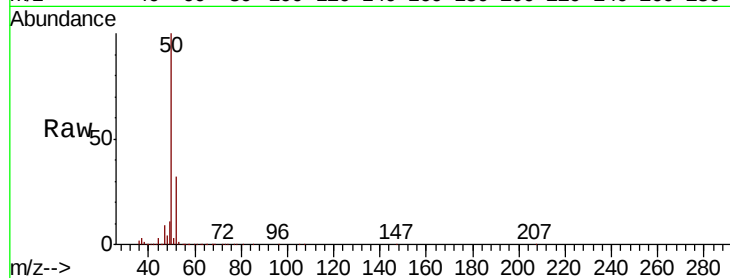
52 31.9 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.599 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016969.D

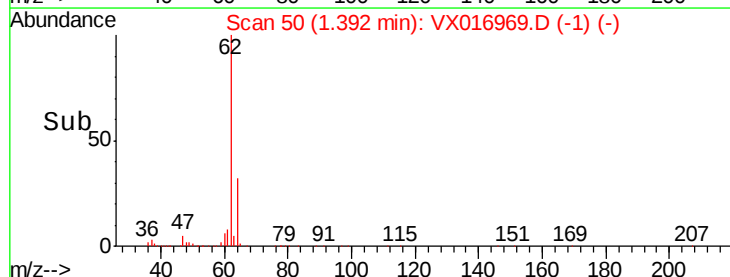
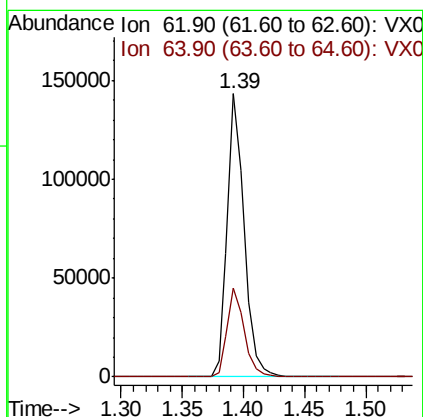
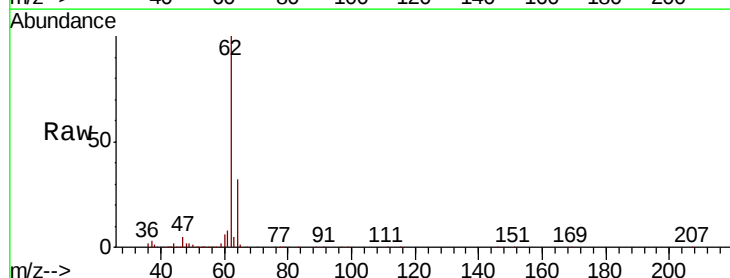
Acq: 26 Jun 2020 09:26

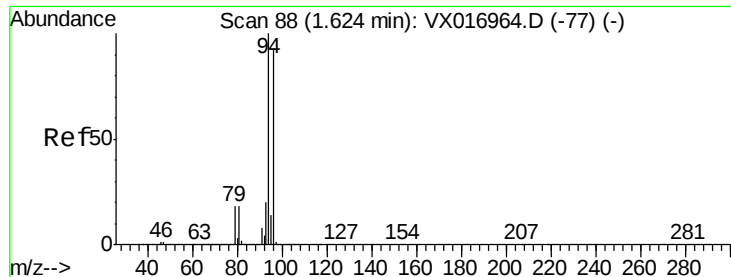
Tgt Ion: 62 Resp: 137571

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5





#5

Bromomethane

Concen: 44.182 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90403

Ion Ratio Lower Upper

94 100

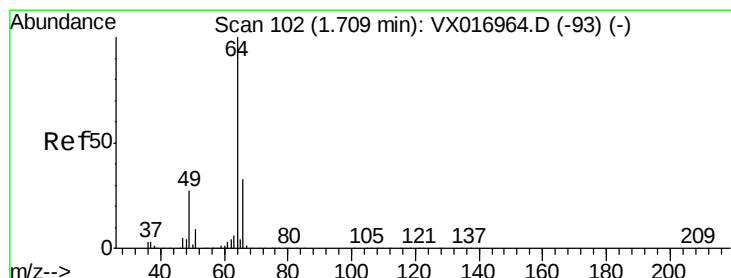
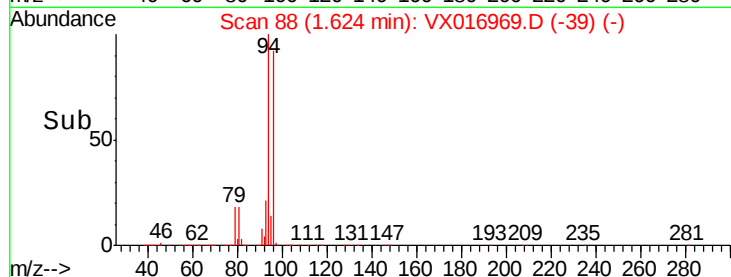
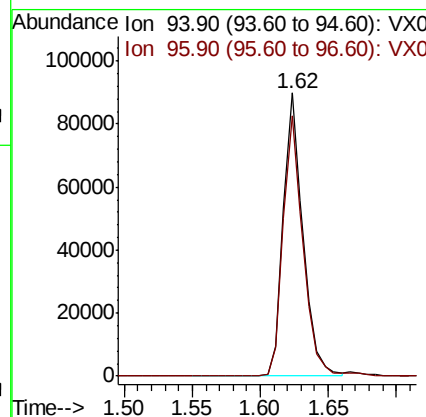
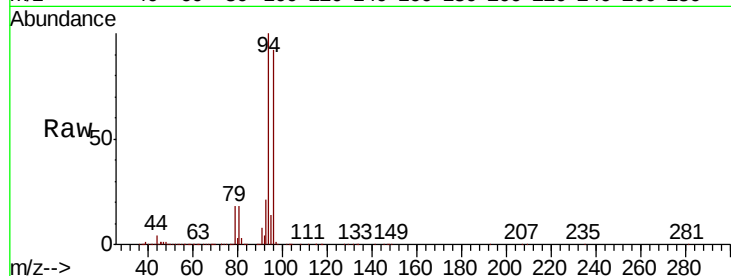
96 91.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 43.810 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016969.D

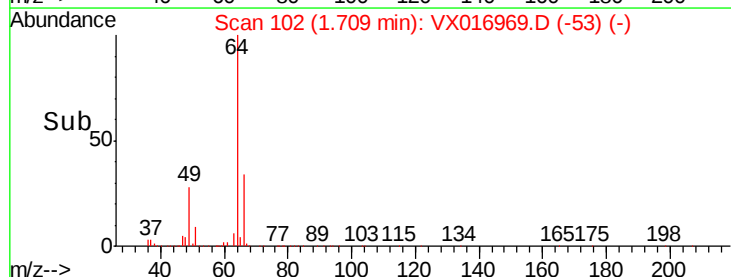
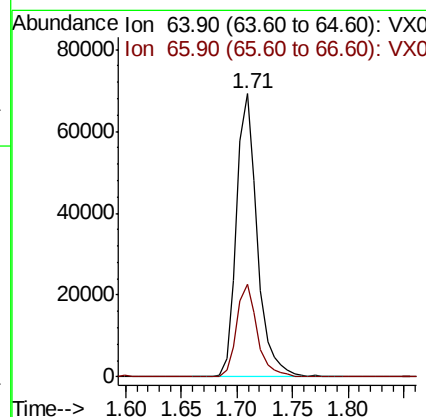
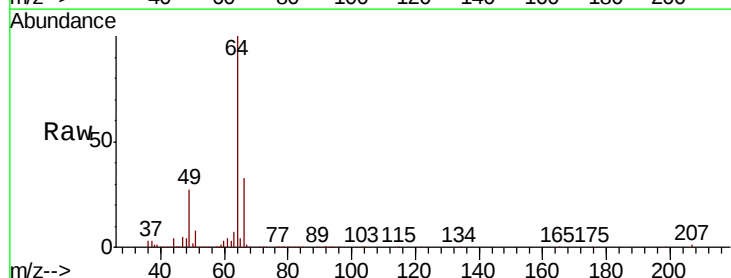
Acq: 26 Jun 2020 09:26

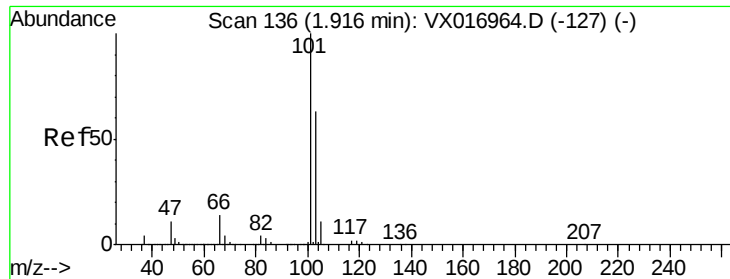
Tgt Ion: 64 Resp: 89705

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.2





#7

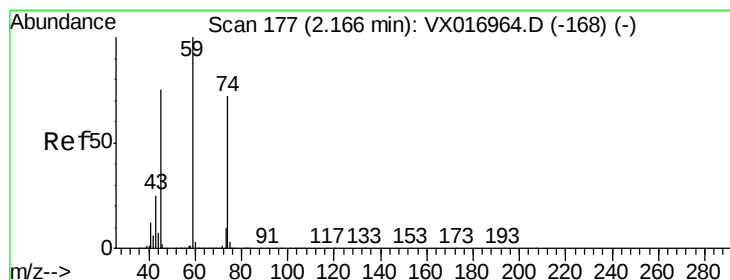
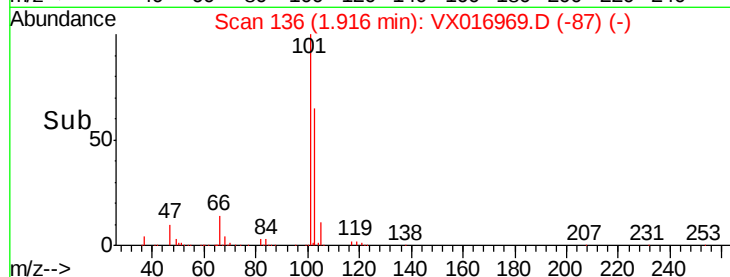
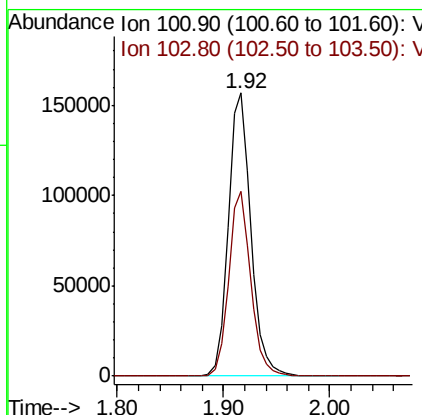
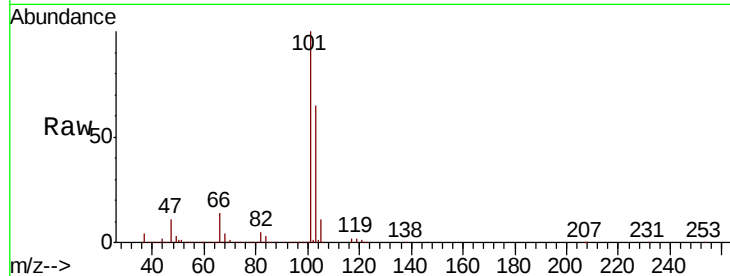
Trichlorofluoromethane
Concen: 47.223 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.2	75.4

Manual Integrations
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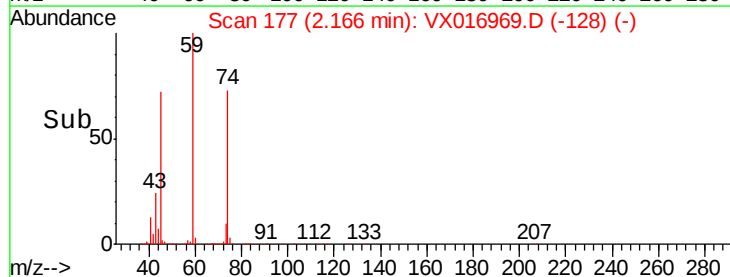
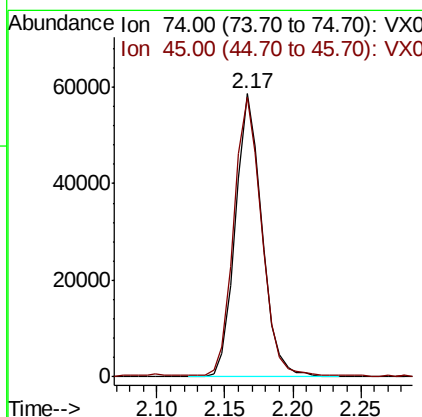
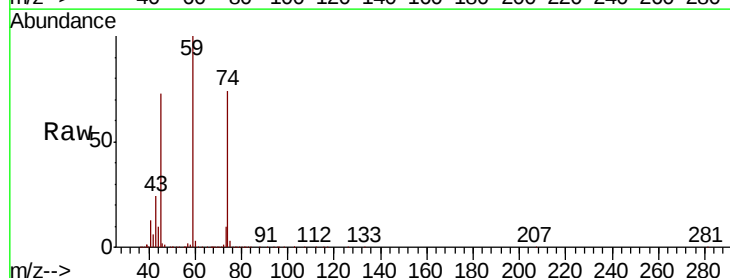
MMDadoda
6/29/2020 12:32:34 PM

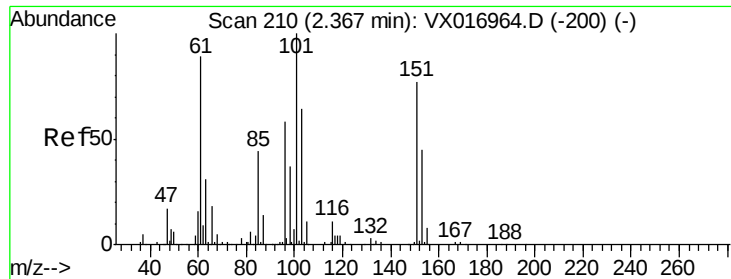


#8

Diethyl Ether
Concen: 42.175 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.486 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

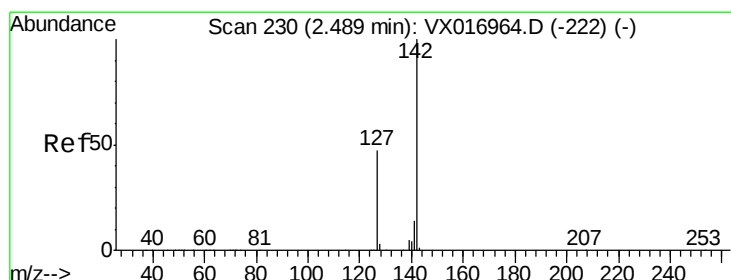
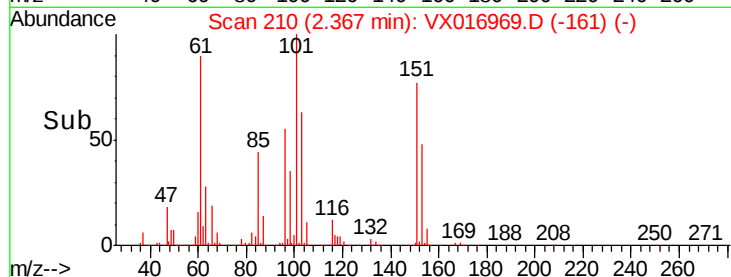
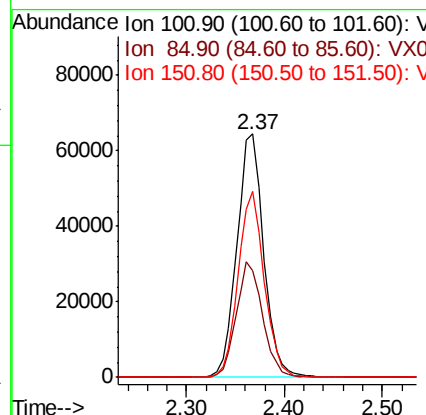
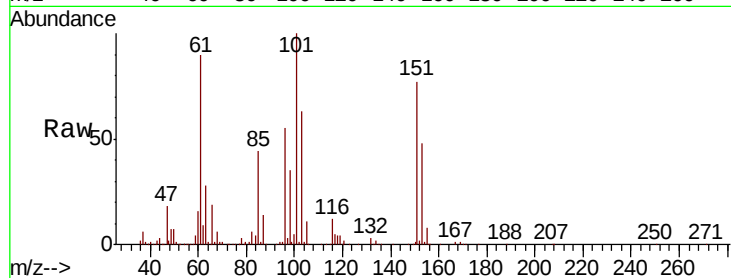
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	122457
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.8	55.2
151	74.7	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.935 ug/l

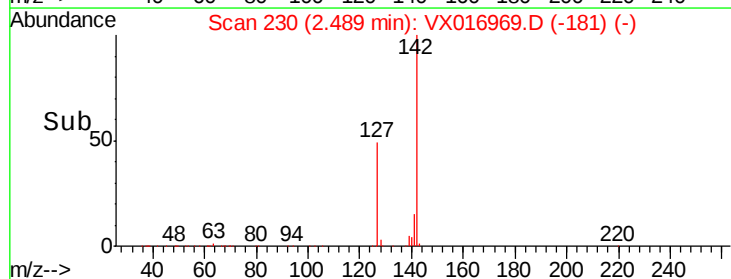
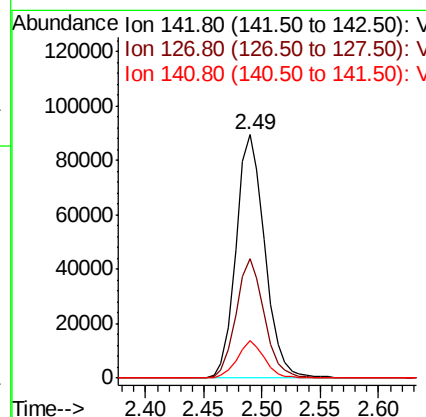
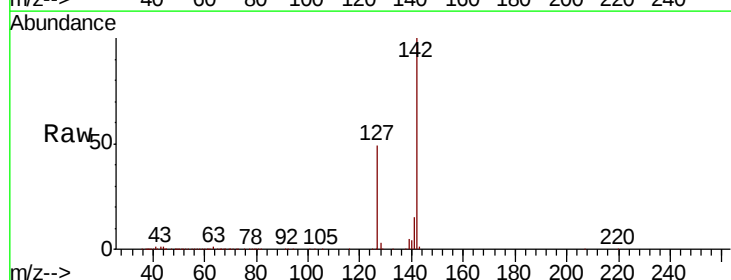
RT: 2.49 min Scan# 230

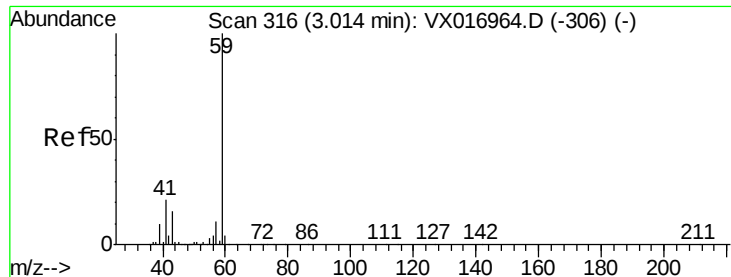
Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	142	Resp:	154452
Ion Ratio	Lower	Upper	
142	100		
127	48.5	37.4	56.0
141	14.7	11.7	17.5





#11

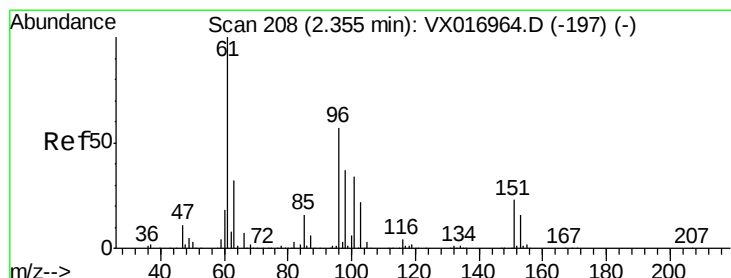
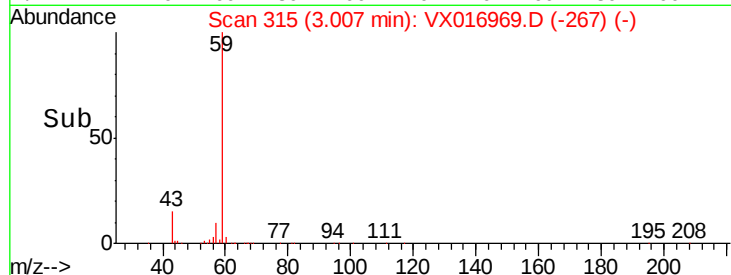
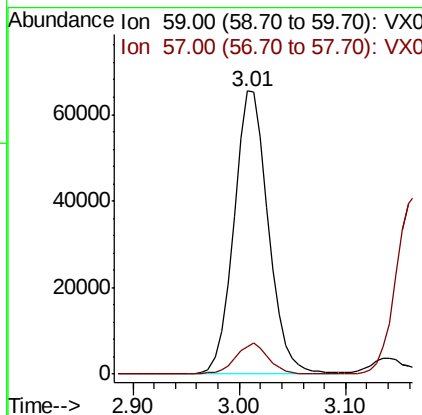
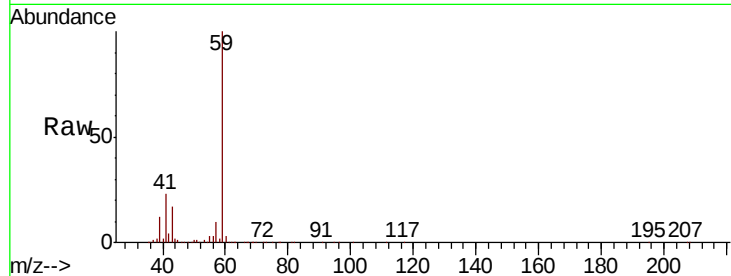
Tert butyl alcohol
Concen: 216.566 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

Manual Integrations
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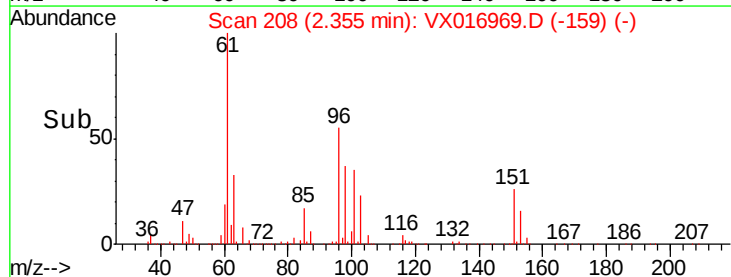
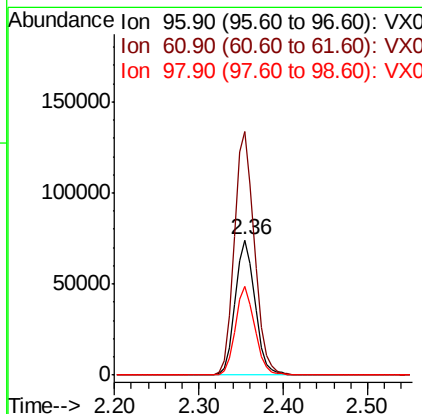
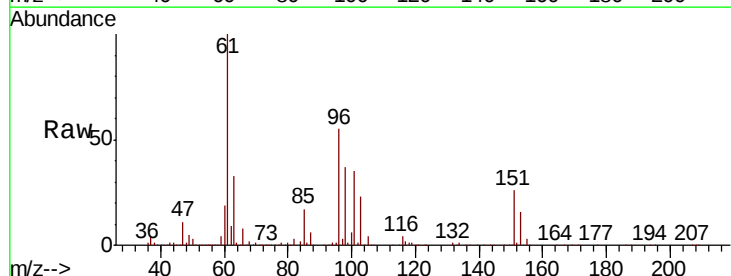
MMDadoda
6/29/2020 12:32:34 PM

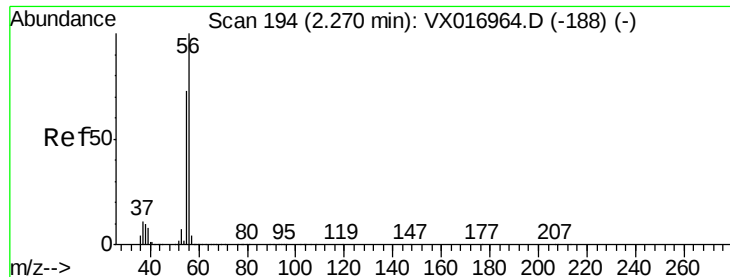


#12

1,1-Dichloroethene
Concen: 44.008 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.8	139.7	209.5
98	66.1	51.0	76.6





#13

Acrolein

Concen: 247.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 125693

Ion Ratio Lower Upper

56 100

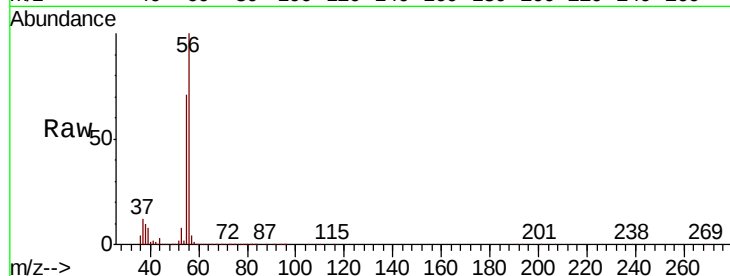
55 71.4 57.5 86.3

Manual Integrations

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6/29/2020 12:32:34 PM

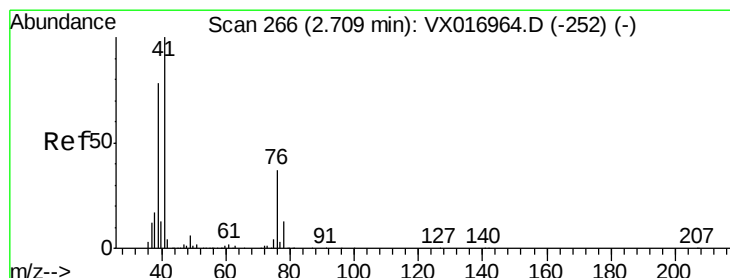
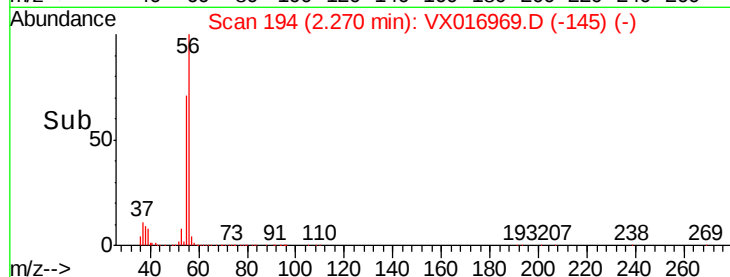


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

Time-->



#14

Allyl chloride

Concen: 47.724 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

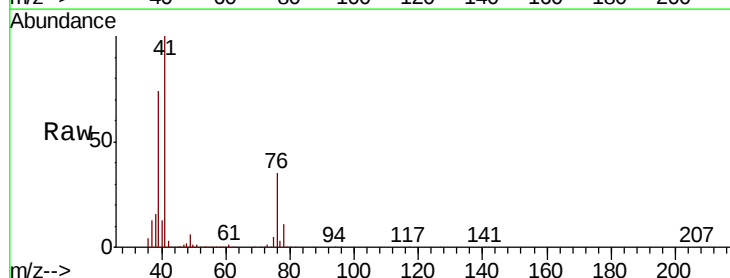
Tgt Ion: 41 Resp: 236812

Ion Ratio Lower Upper

41 100

39 70.7 56.4 84.6

76 32.0 26.5 39.7



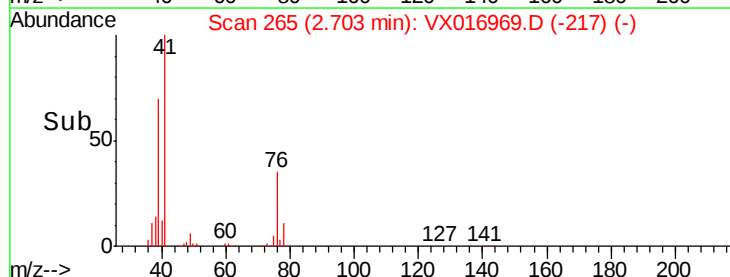
Abundance Ion 41.00 (40.70 to 41.70): VX0

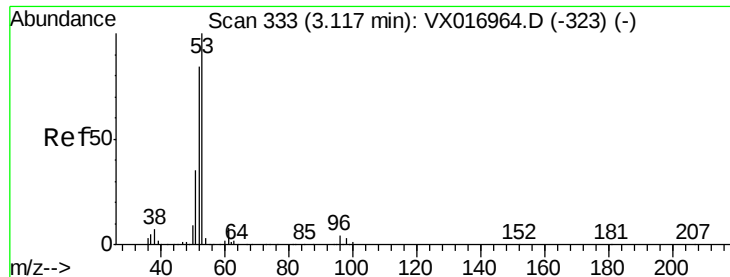
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

Time-->





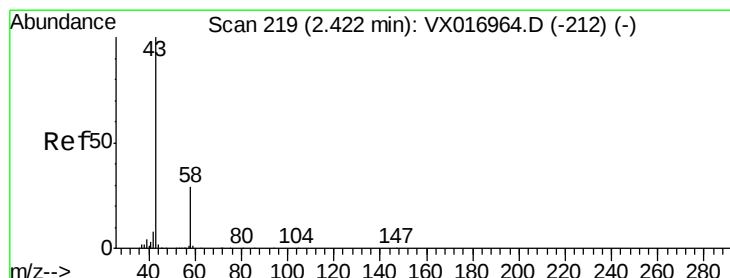
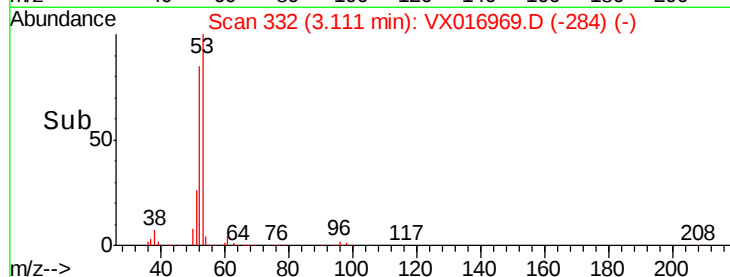
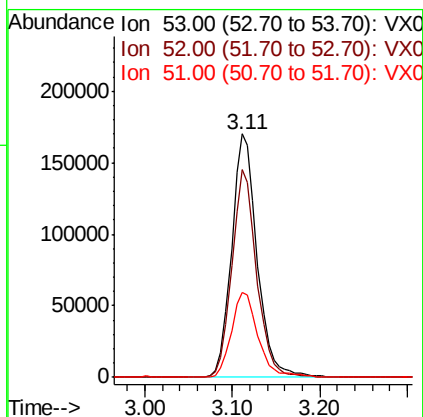
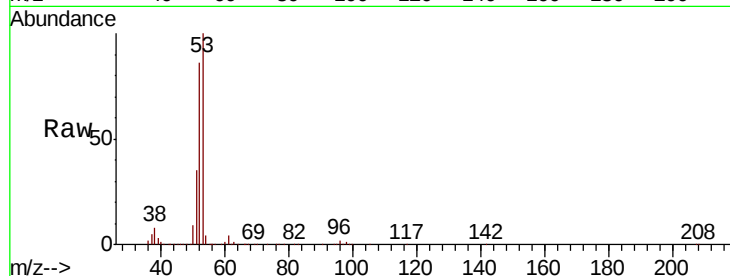
#15
 Acrylonitrile
 Concen: 217.093 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	36.7	29.0	43.6

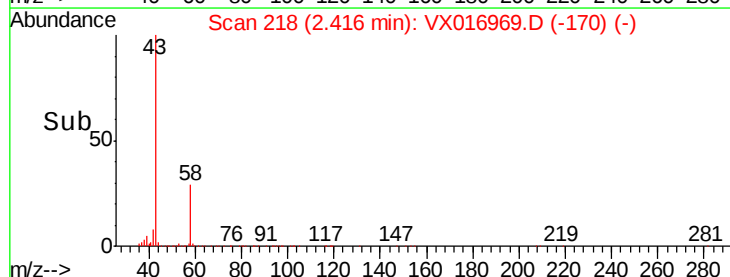
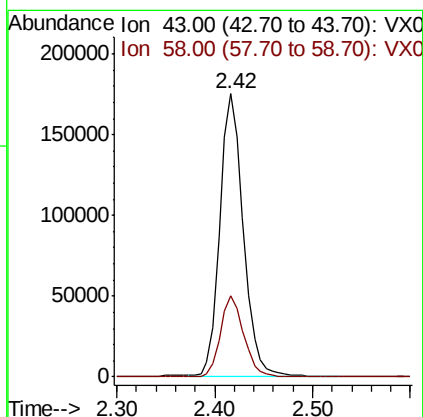
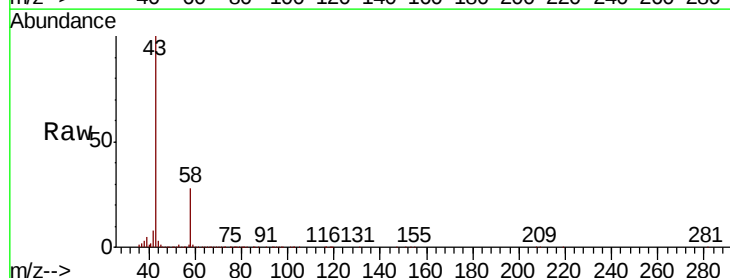
Manual Integrations
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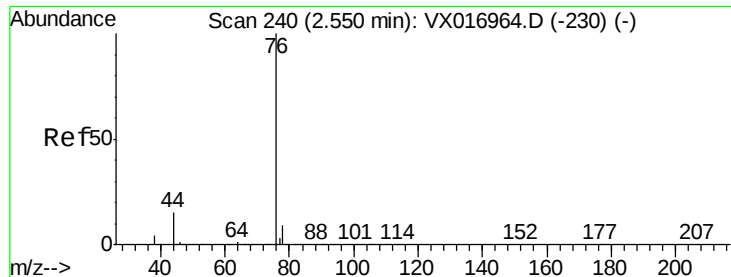
MMDadoda
 6/29/2020 12:32:34 PM



#16
 Acetone
 Concen: 203.950 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.5	35.3





#17

Carbon Disulfide

Concen: 44.944 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 379798

Ion Ratio Lower Upper

76 100

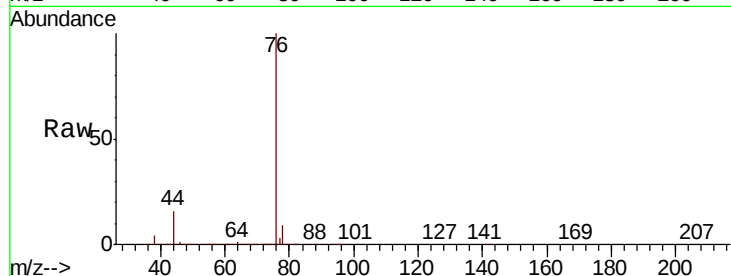
78 8.8 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

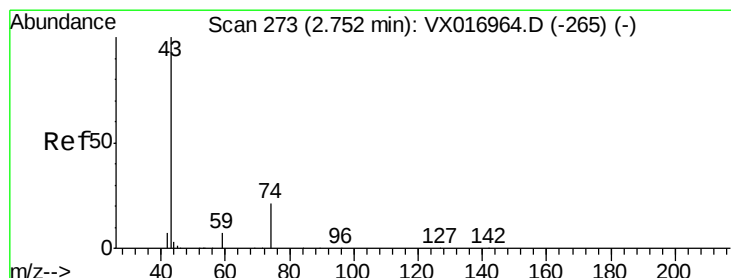
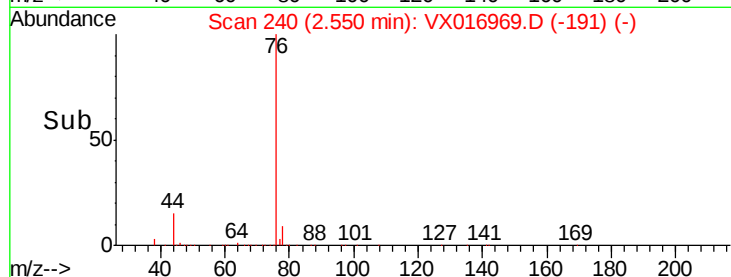
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 43.556 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016969.D

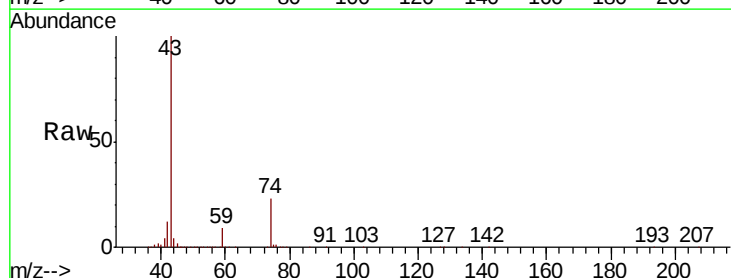
Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 150391

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

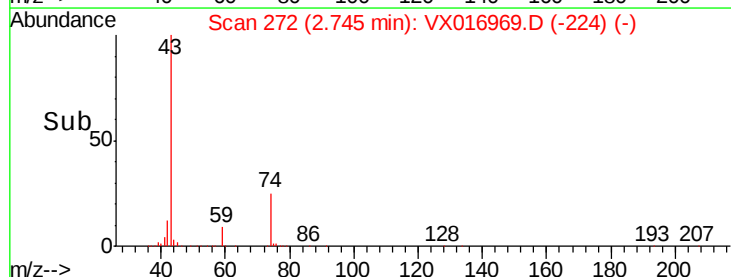
60000

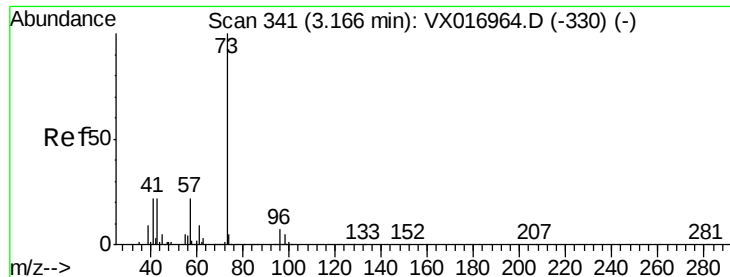
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85





#19

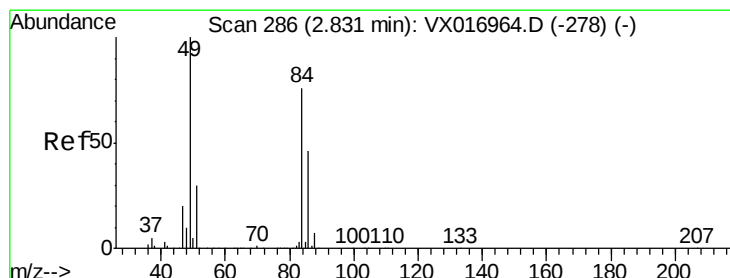
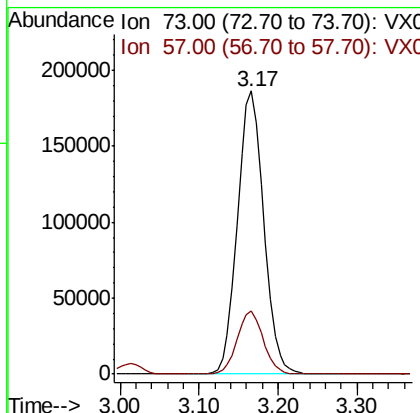
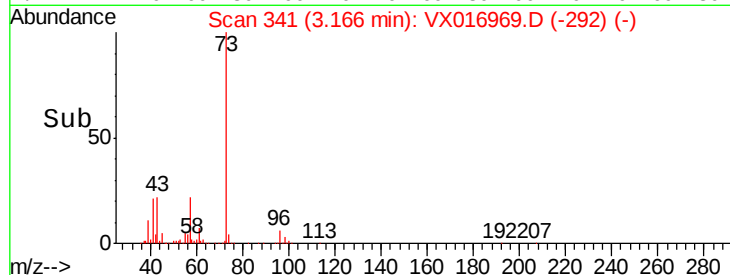
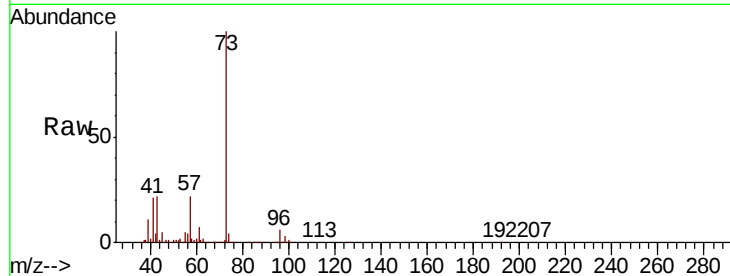
Methyl tert-butyl Ether
 Concen: 46.550 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

Manual Integrations
 APPROVED

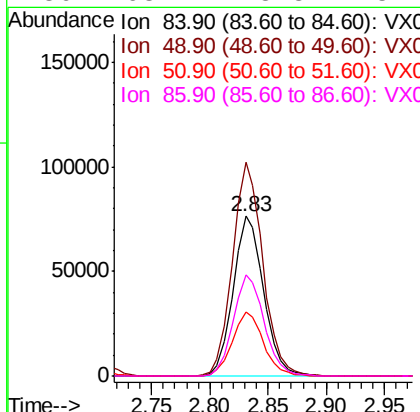
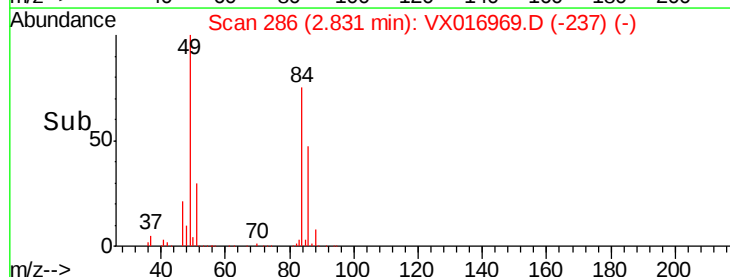
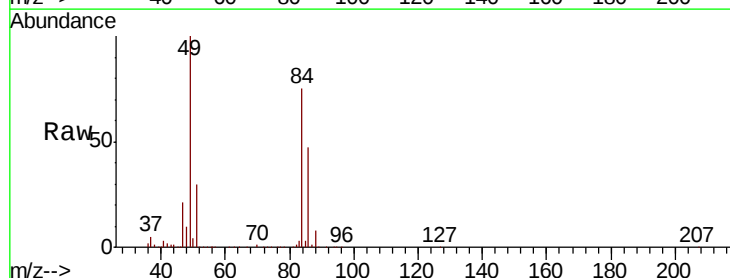
MMDadoda
 6/29/2020 12:32:34 PM

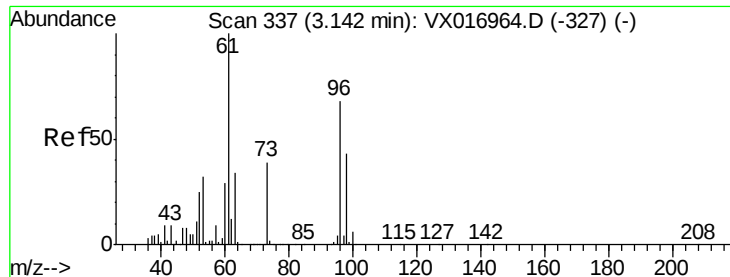


#20

Methylene Chloride
 Concen: 43.212 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.7	105.6	158.4
51	40.4	31.2	46.8
86	63.1	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 45.200 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

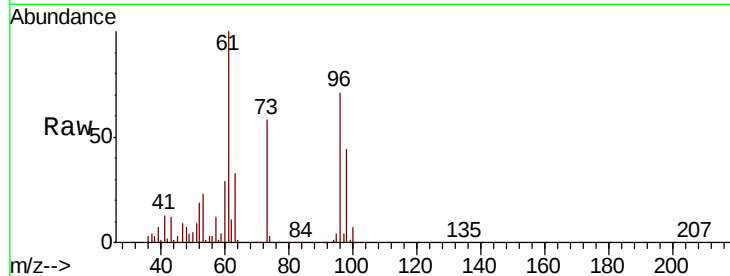
ClientSampleId :

VSTDCCC050

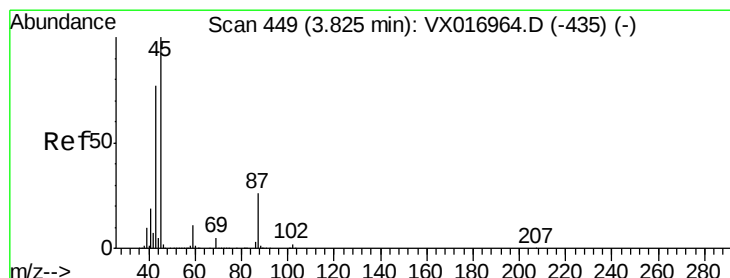
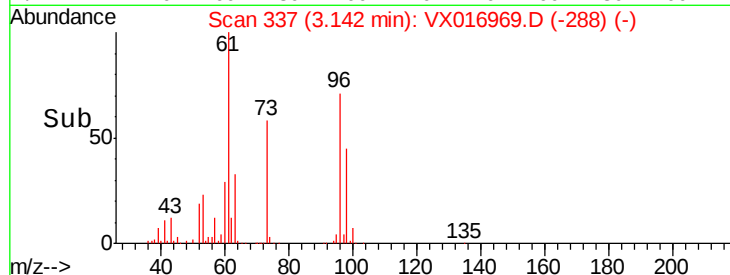
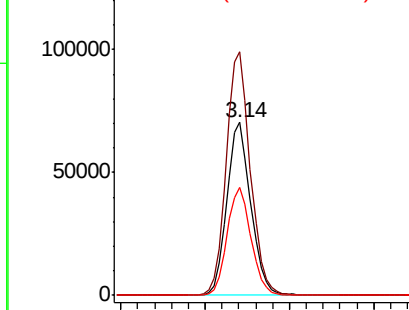
Tot Ion:	96	Resp:	136097
Ion	Ratio	Lower	Upper
96	100		
61	140.8	116.7	175.1
98	62.7	50.7	76.1

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.955 ug/l

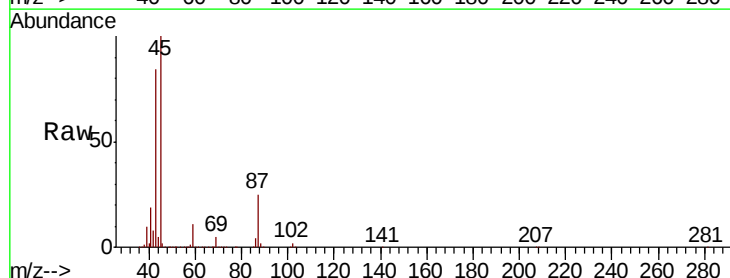
RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

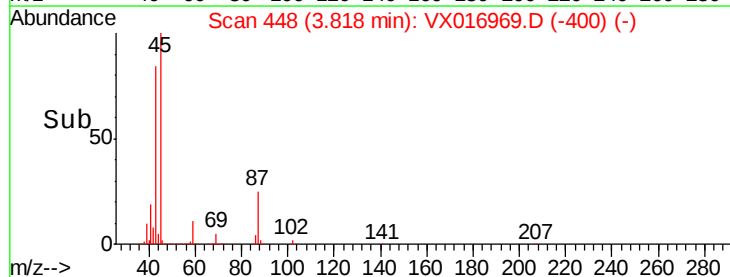
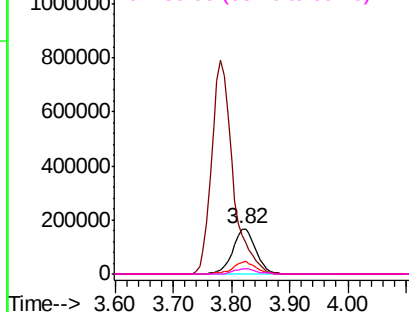
Lab File: VX016969.D

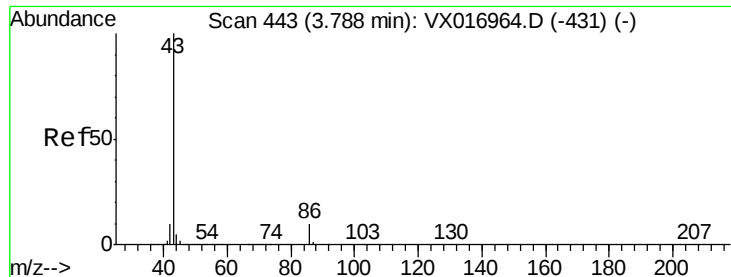
Acq: 26 Jun 2020 09:26

Tgt Ion:	45	Resp:	456784
Ion	Ratio	Lower	Upper
45	100		
43	83.9	62.7	94.1
87	24.7	21.0	31.4
59	10.9	9.0	13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 234.448 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1996046

Ion Ratio Lower Upper

43 100

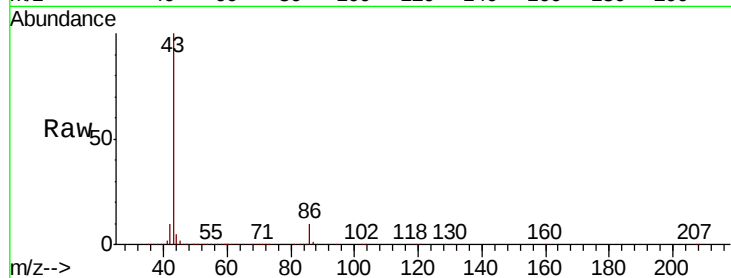
86 10.0 8.2 12.2

Manual Integrations

APPROVED

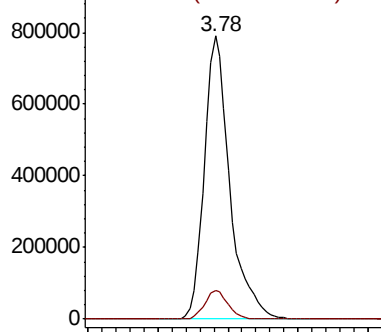
MMDadoda

6/29/2020 12:32:34 PM

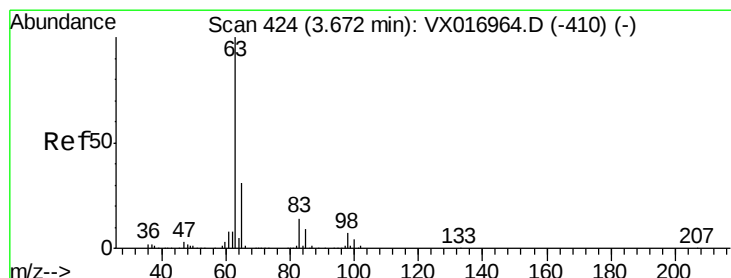
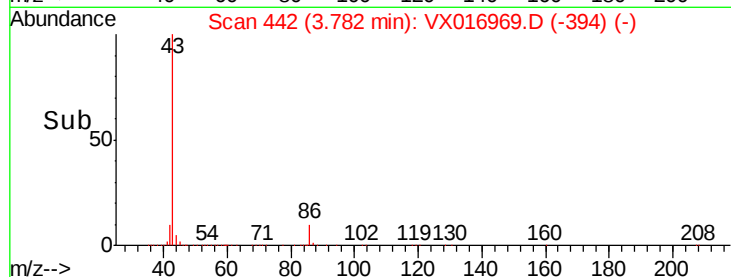


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 45.362 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

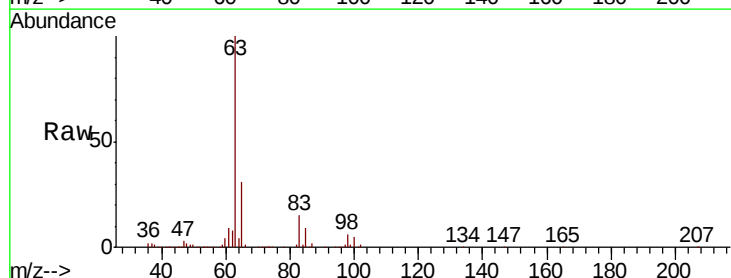
Tgt Ion: 63 Resp: 247537

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

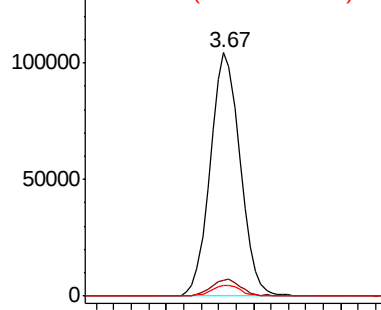
100 4.6 2.1 6.3



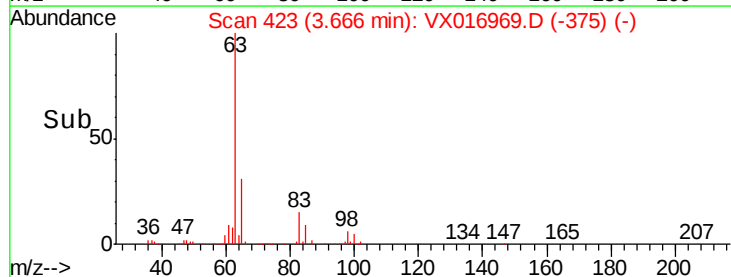
Abundance Ion 62.90 (62.60 to 63.60): VX0

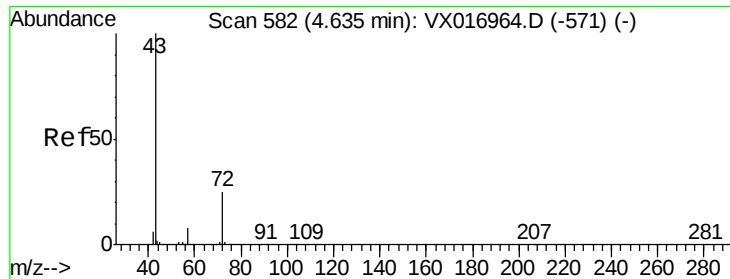
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





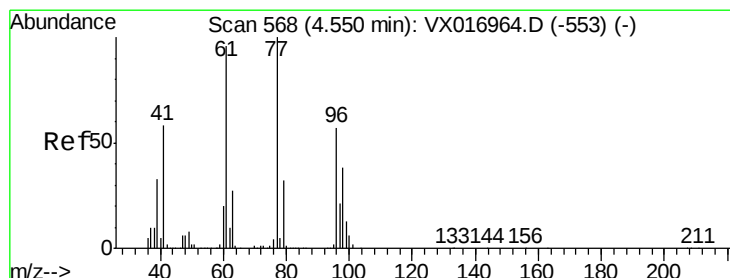
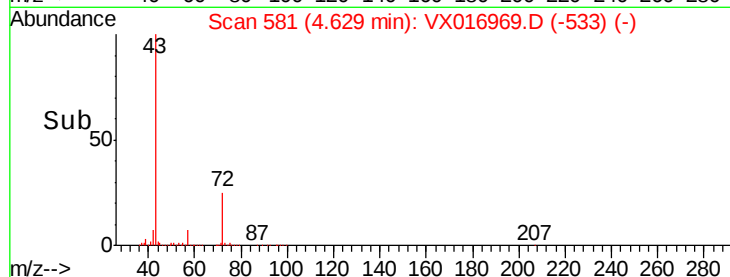
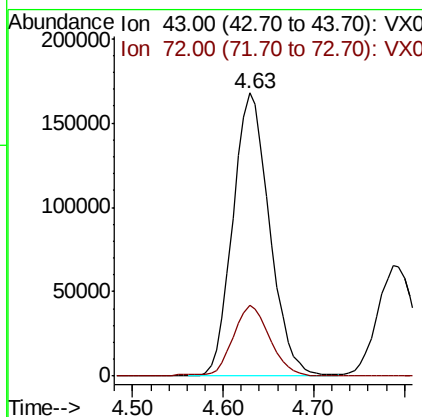
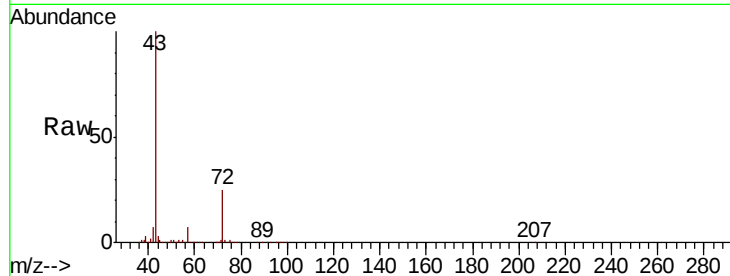
#25
2-Butanone
Concen: 216.246 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 467762
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0

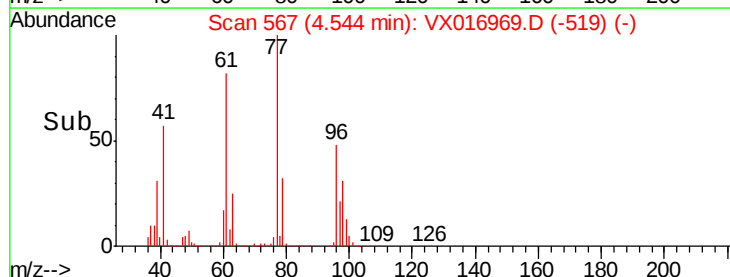
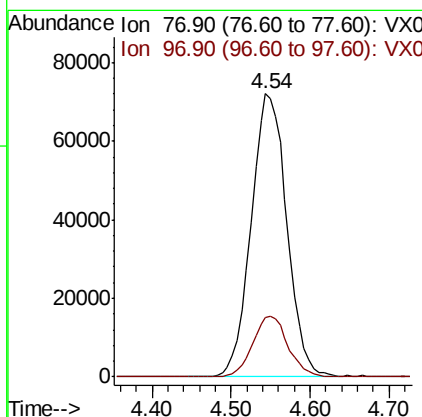
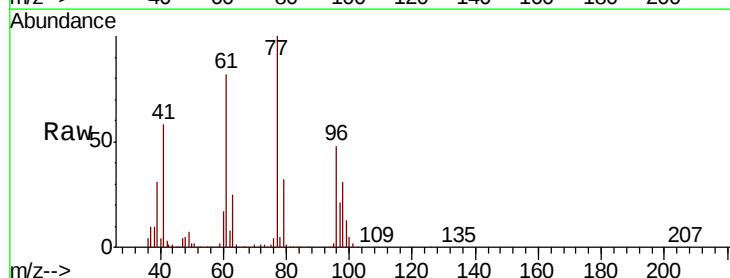
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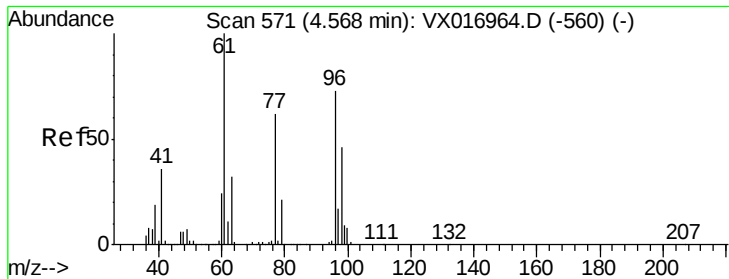
MMDadoda
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#26
2,2-Dichloropropane
Concen: 51.189 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 77 Resp: 225956
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.5





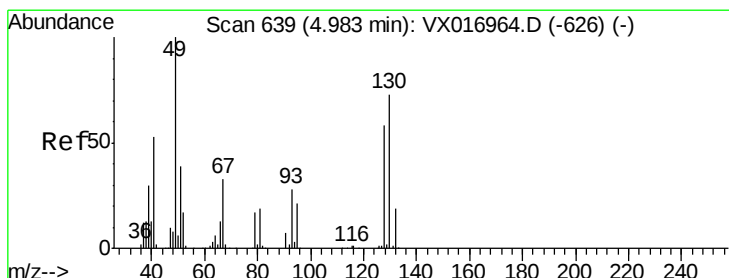
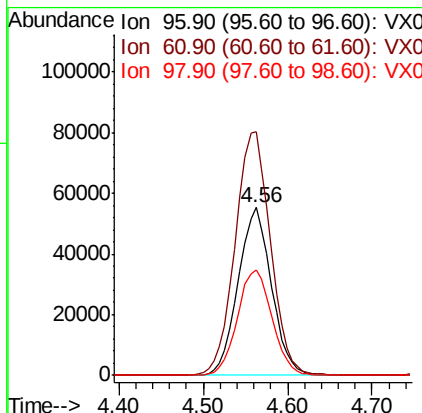
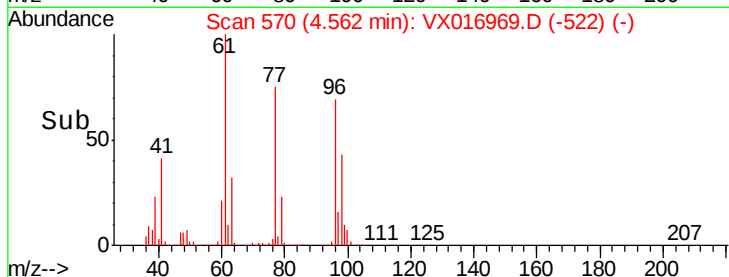
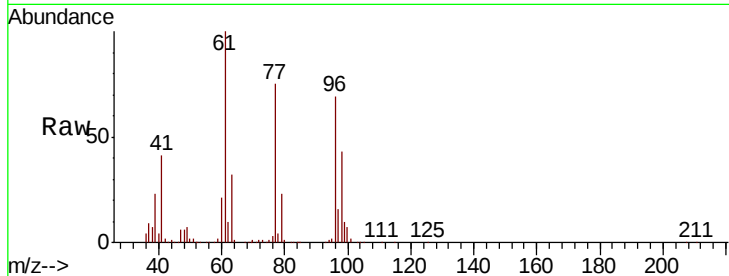
#27
 cis-1,2-Dichloroethene
 Concen: 44.578 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148324		
61	154.6	0.0	307.2	
98	65.1	0.0	128.4	

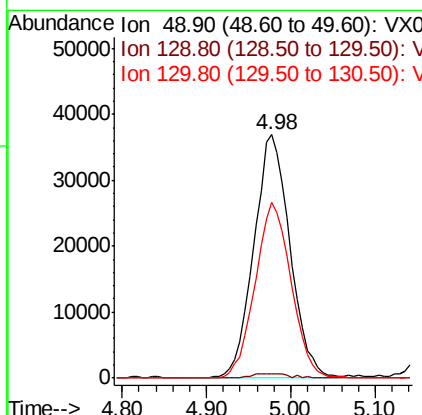
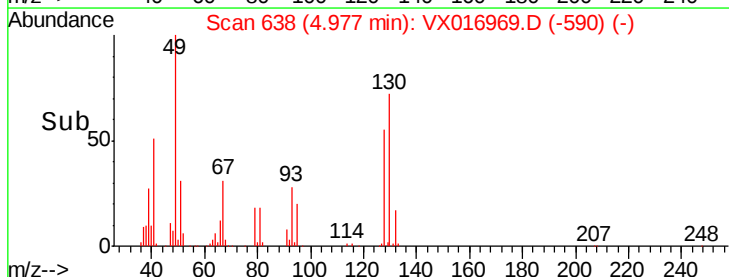
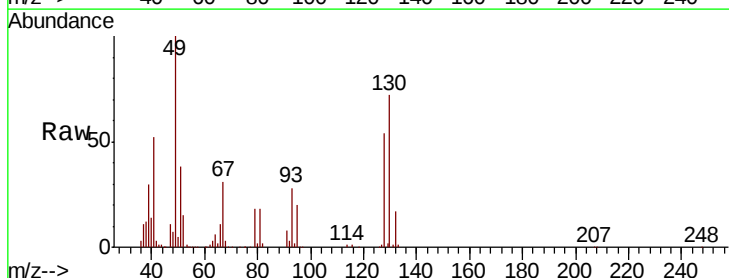
Manual Integrations
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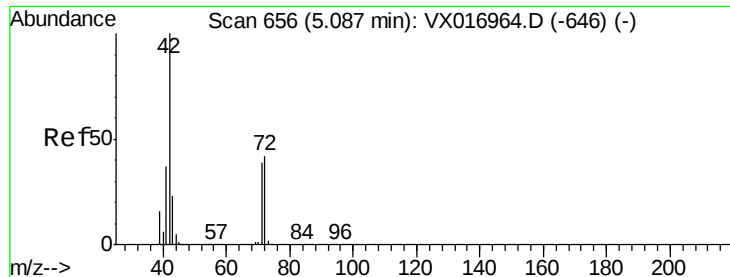
MMDadoda
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#28
 Bromochloromethane
 Concen: 42.633 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108713		
129	1.9	0.0	4.4	
130	71.9	58.7	88.1	





#29

Tetrahydrofuran

Concen: 221.332 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

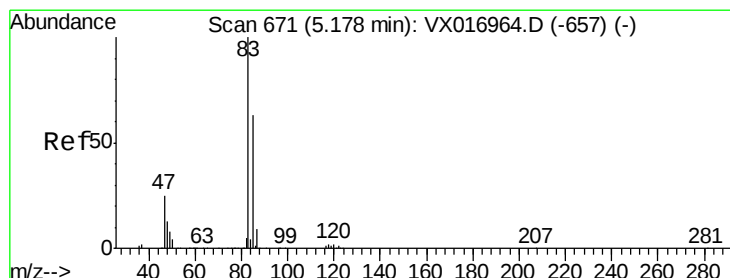
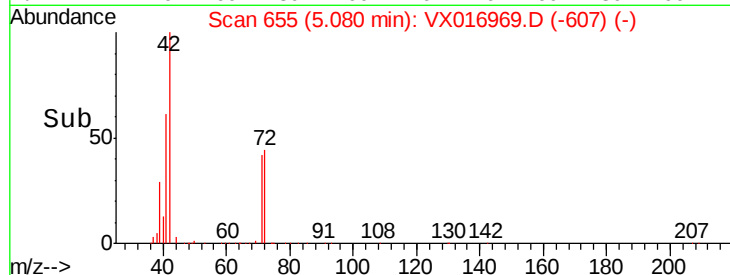
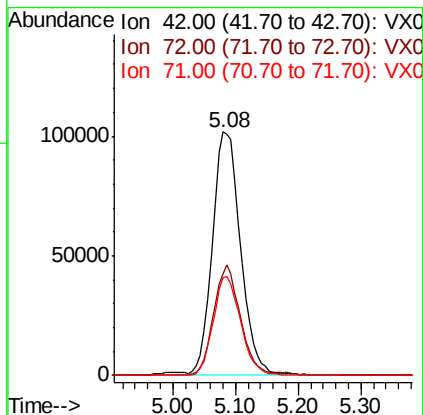
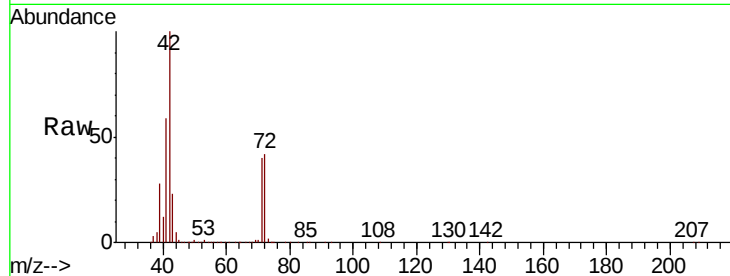
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	314733
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.1	51.1
71	39.9	32.1	48.1

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#30

Chloroform

Concen: 45.336 ug/l

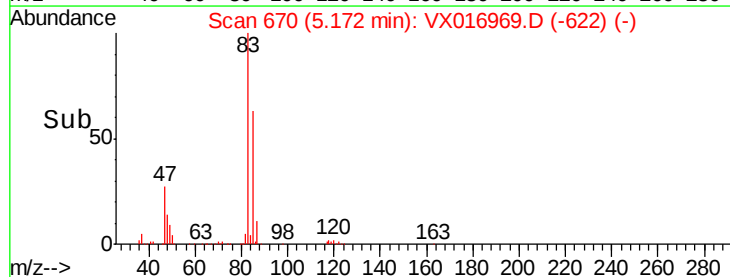
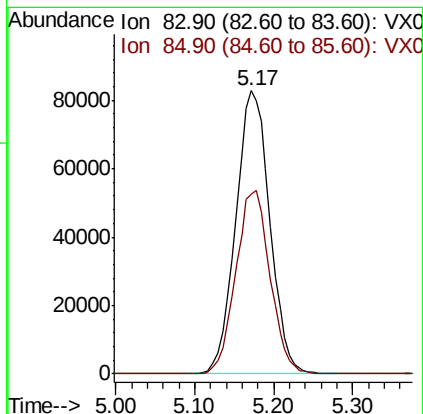
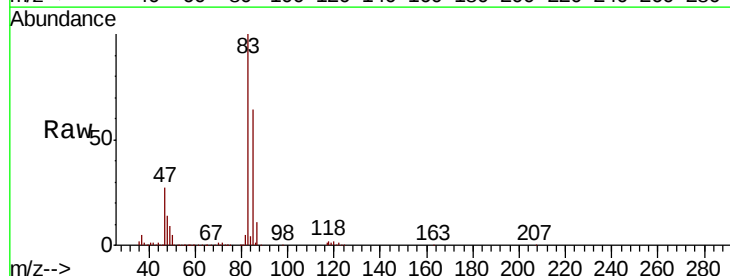
RT: 5.17 min Scan# 670

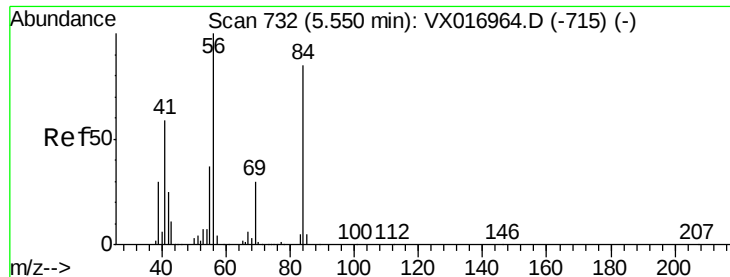
Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	83	Resp:	248466
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1





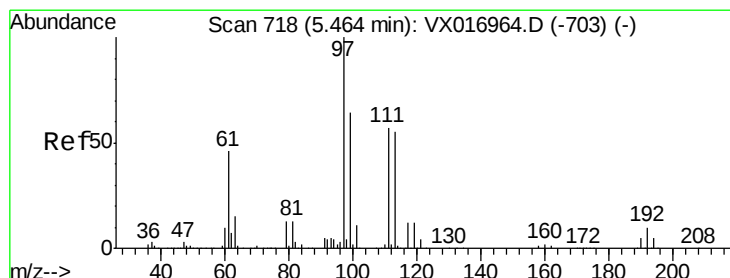
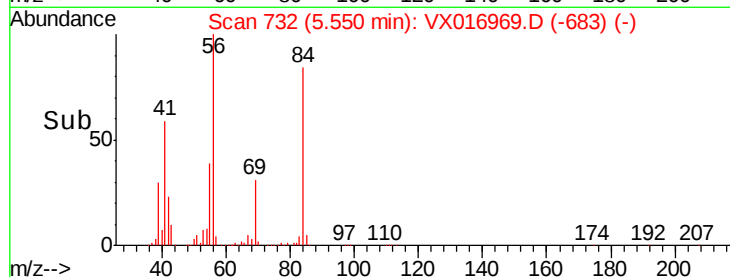
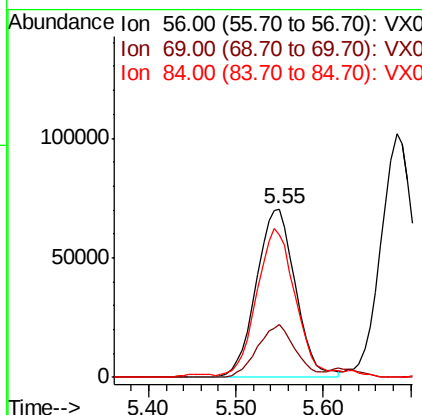
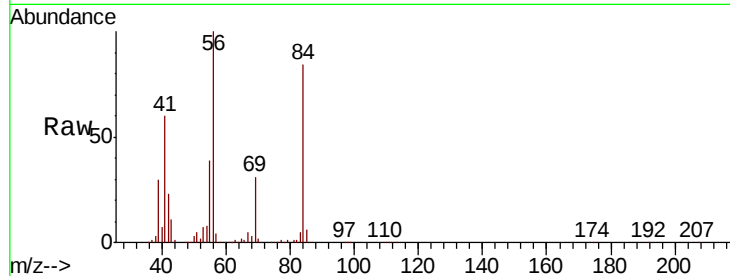
#31
Cvclohexane
Concen: 48.084 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.6	35.4
84	82.8	67.8	101.8

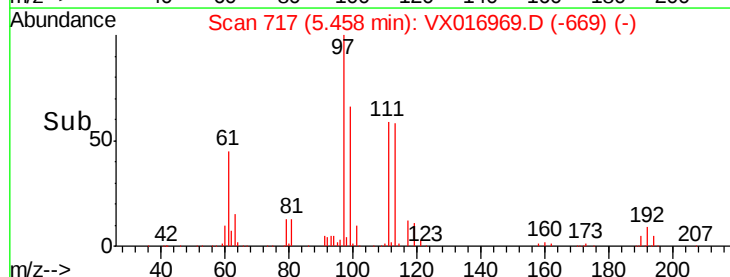
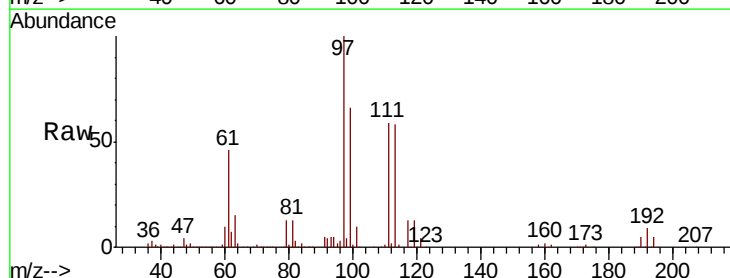
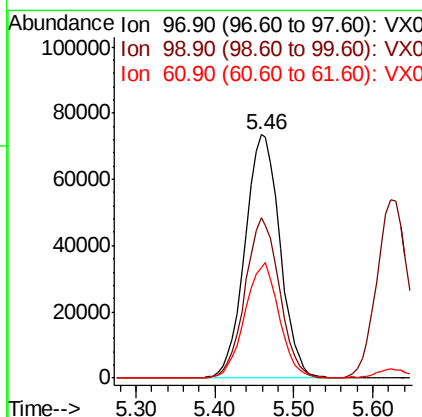
Manual Integrations
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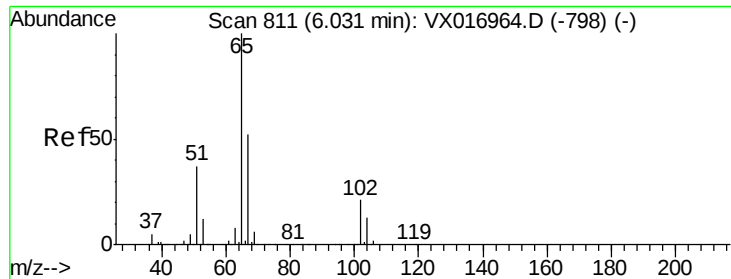
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.176 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	46.6	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 45.647 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 165736

Ion Ratio Lower Upper

65 100

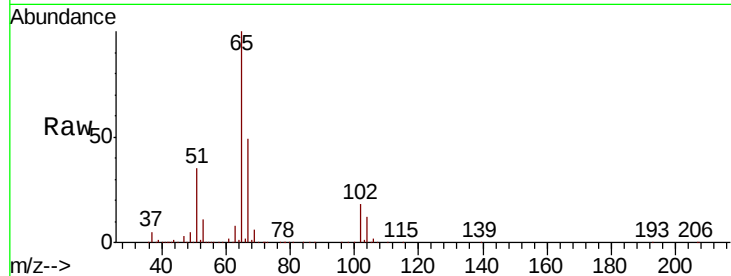
67 50.8 0.0 102.8

Manual Integrations

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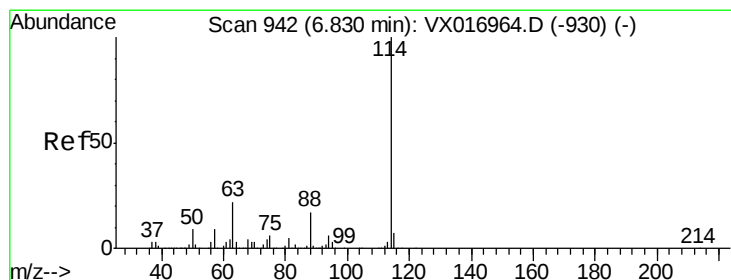
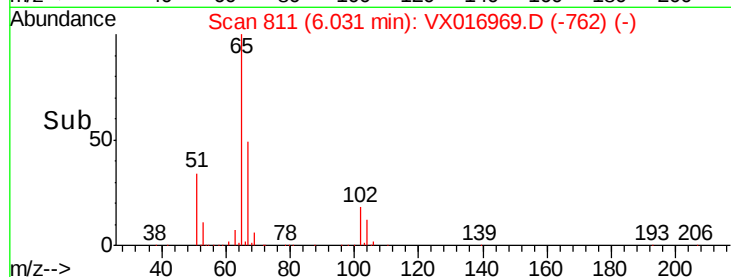
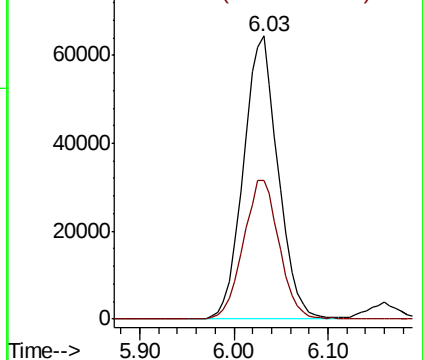
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

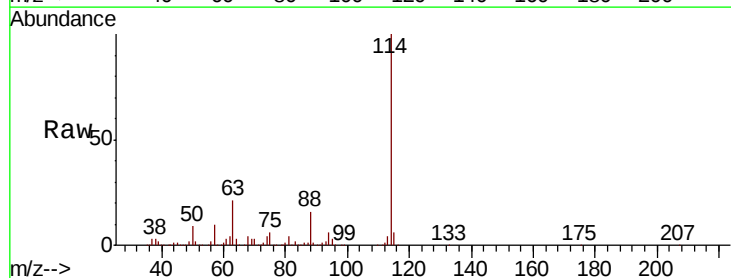
Tgt Ion: 114 Resp: 403165

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.4

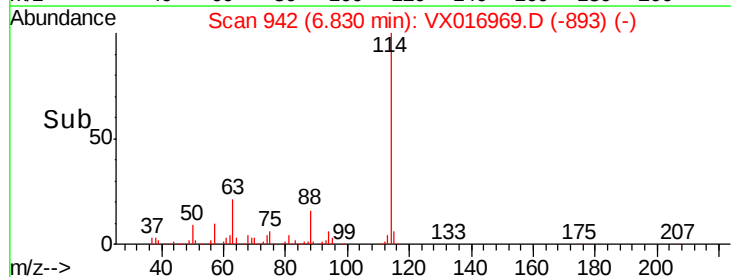
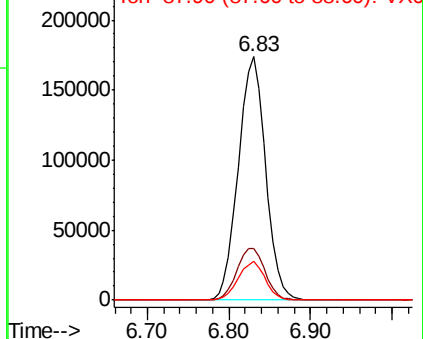
88 16.1 0.0 33.2

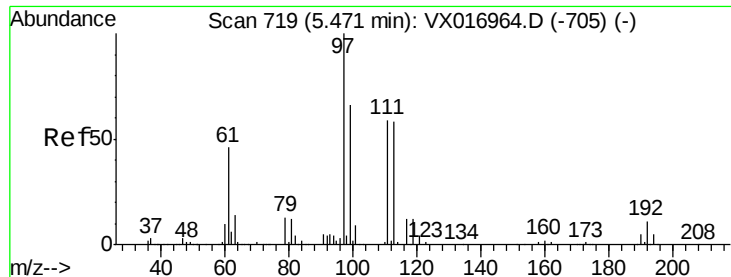


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

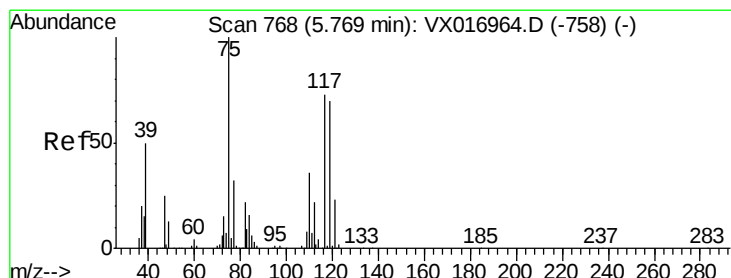
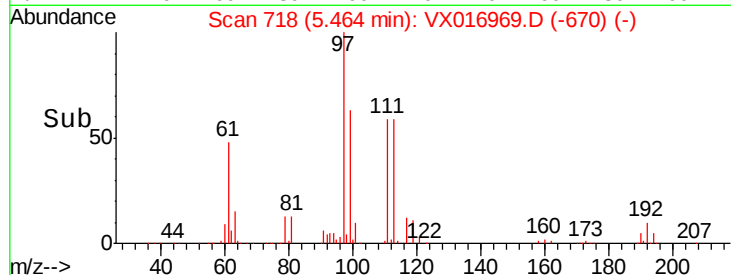
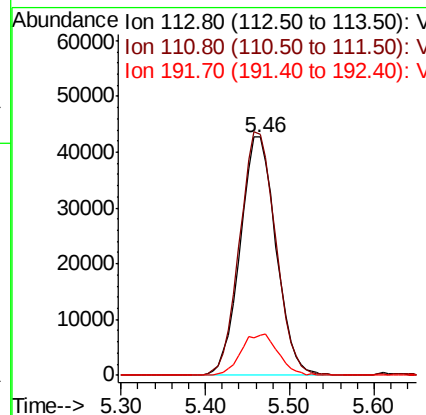
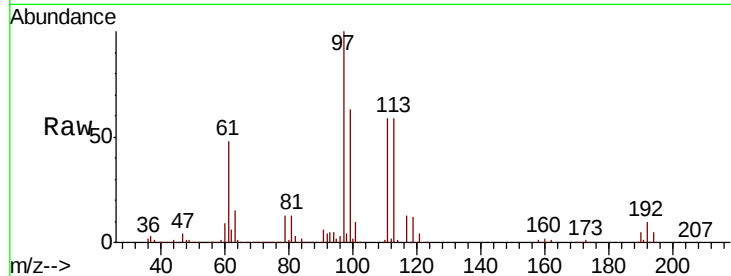
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	122673
Ion Ratio	Lower	Upper	
113	100		
111	102.6	84.3	126.5
192	18.2	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 47.444 ug/l

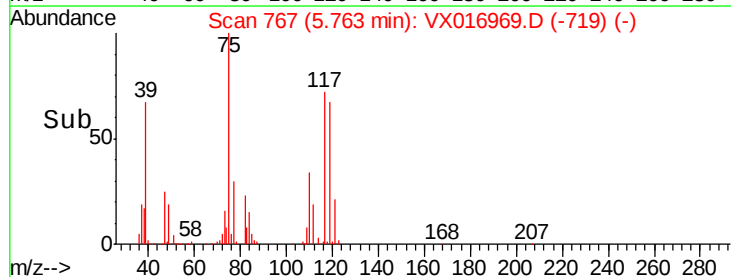
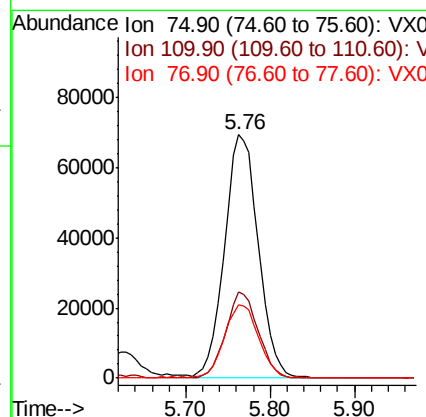
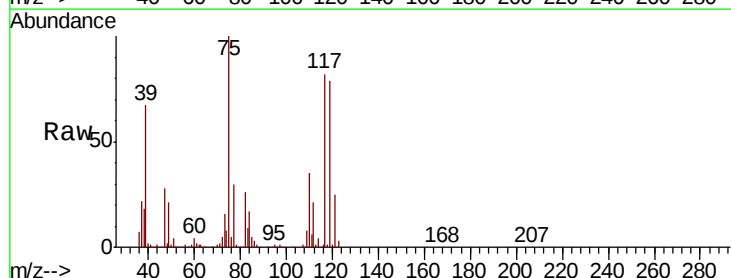
RT: 5.76 min Scan# 767

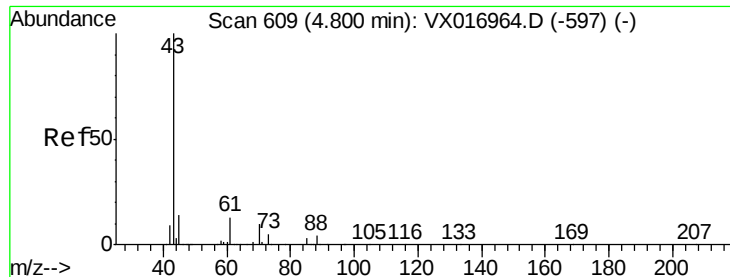
Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	75	Resp:	189395
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.2	51.6
77	30.9	24.7	37.1





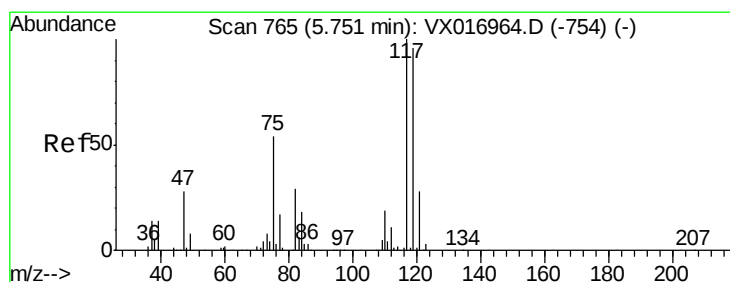
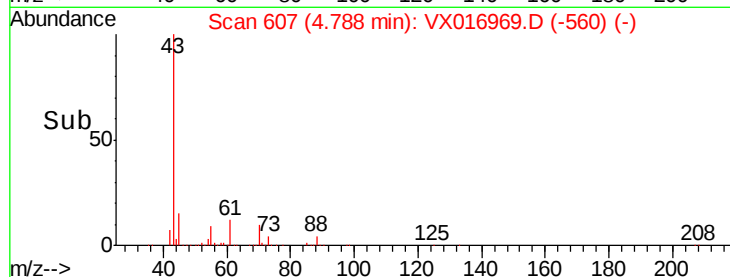
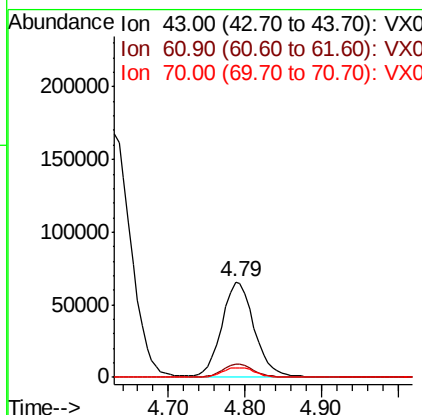
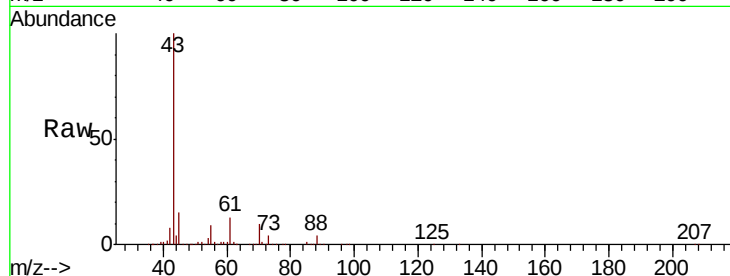
#37
Ethyl Acetate
Concen: 44.668 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.5	8.0	12.0

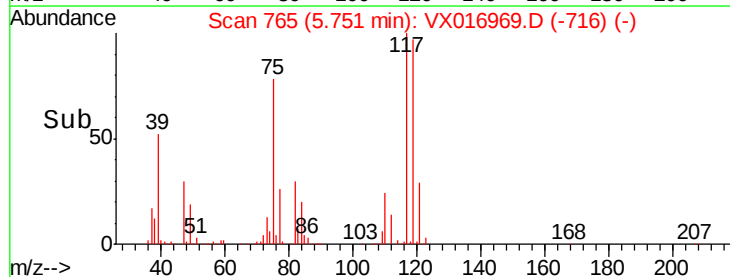
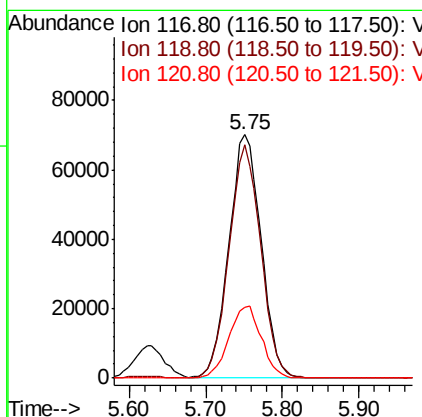
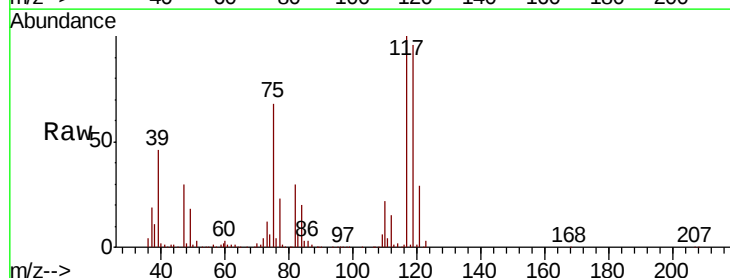
Manual Integrations
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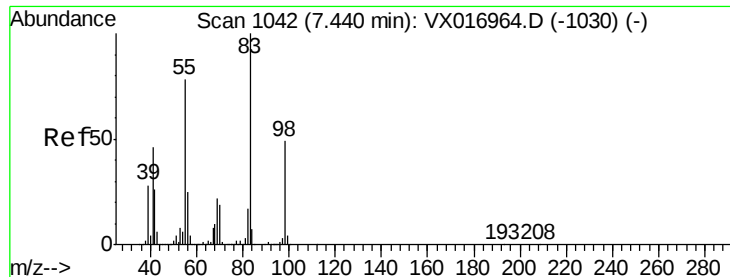
MMDadoda
6/29/2020 12:32:34 PM



#38
Carbon Tetrachloride
Concen: 48.487 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
121	29.3	22.5	33.7





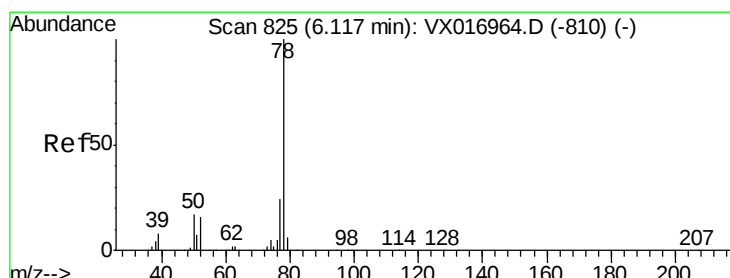
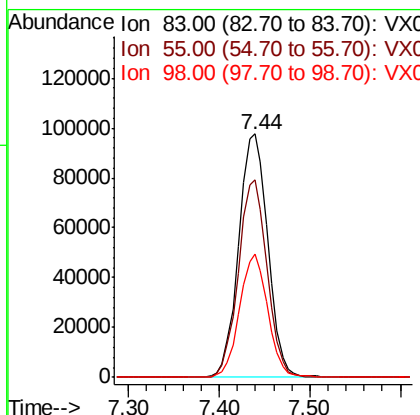
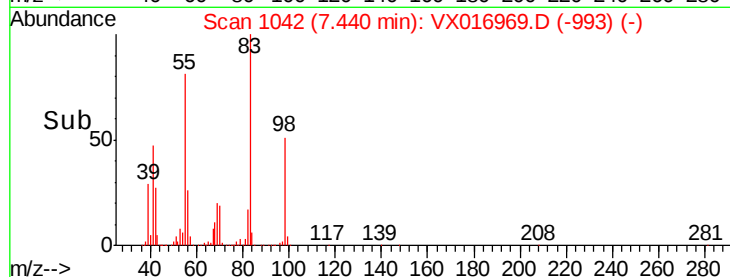
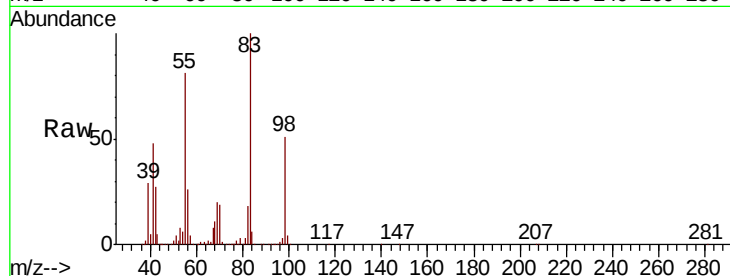
#39
Methvlcvclohexane
Concen: 50.336 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	62.4	93.6
98	50.9	39.4	59.0

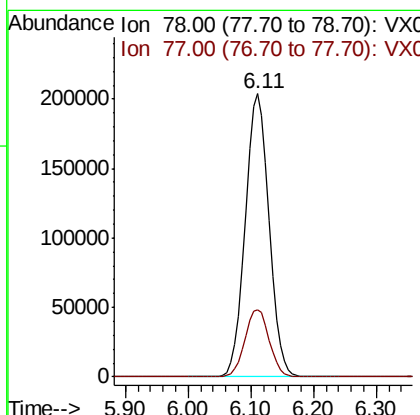
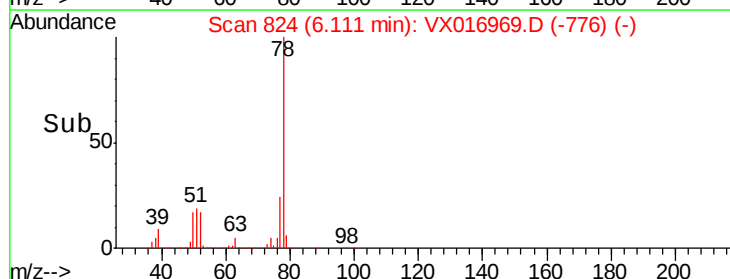
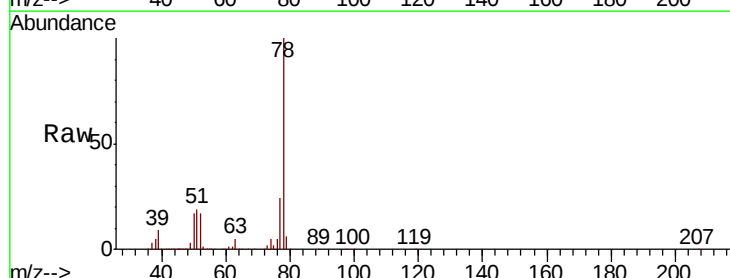
Manual Integrations
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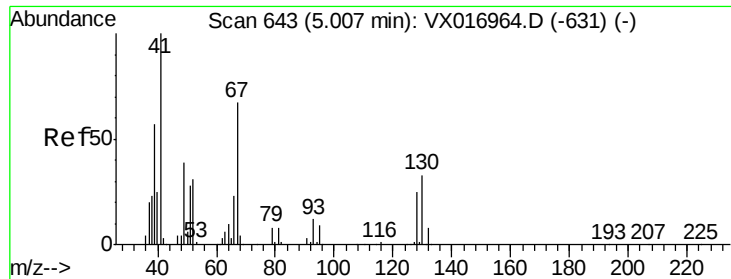
MMDadoda
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#40
Benzene
Concen: 46.510 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





#41

Methacrylonitrile

Concen: 44.175 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

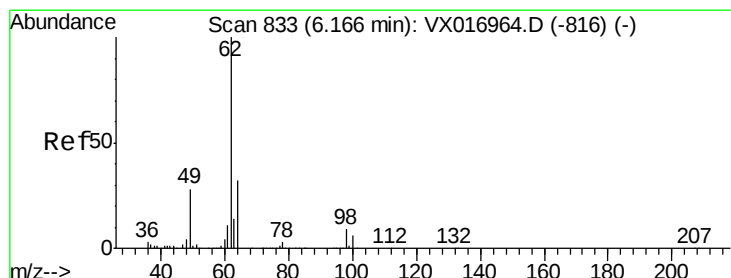
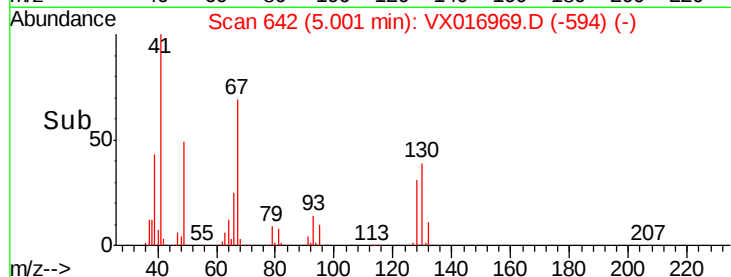
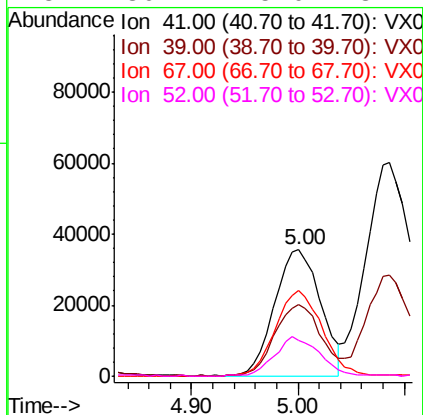
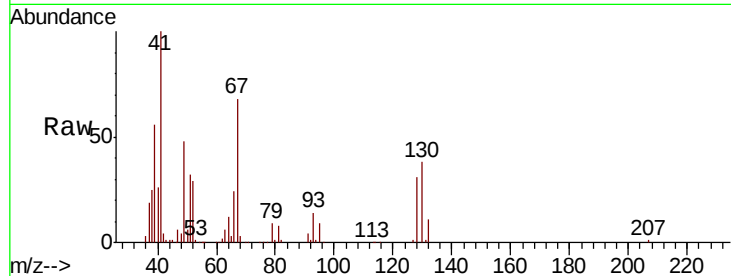
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	105607
Ion	Ratio	Lower	Upper
41	100		
39	58.8	46.6	70.0
67	69.9	57.0	85.6
52	30.7	25.0	37.4

Manual Integrations
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6/29/2020 12:32:34 PM



#42

1,2-Dichloroethane

Concen: 46.762 ug/l

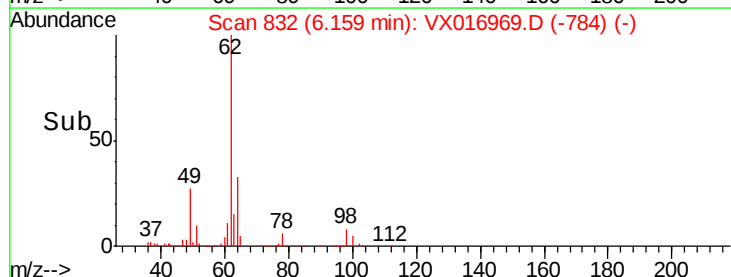
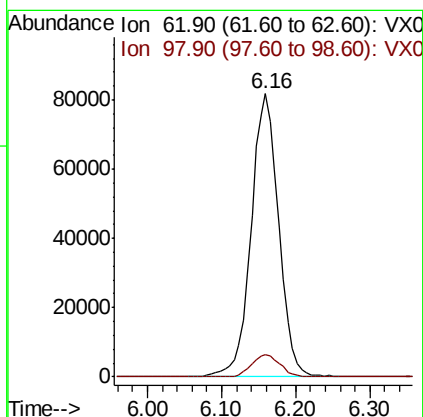
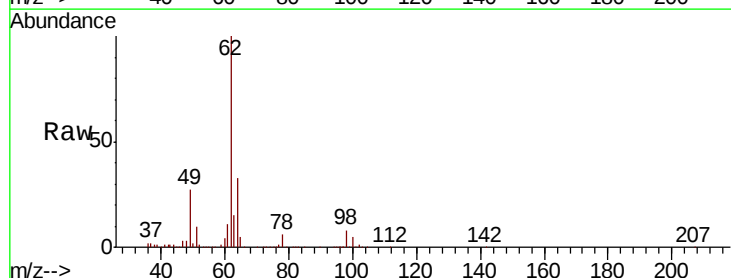
RT: 6.16 min Scan# 832

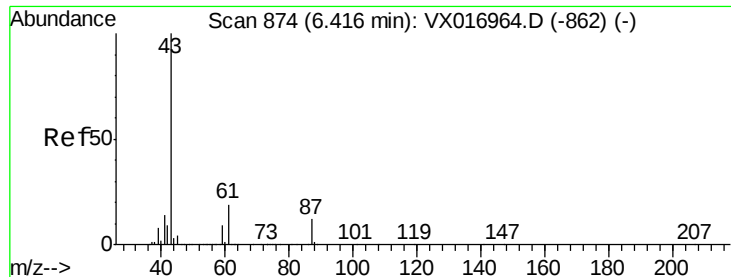
Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	62	Resp:	211216
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

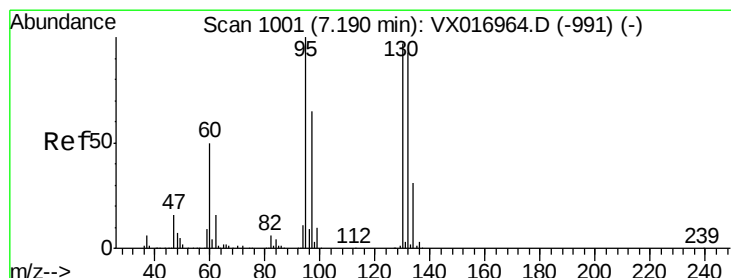
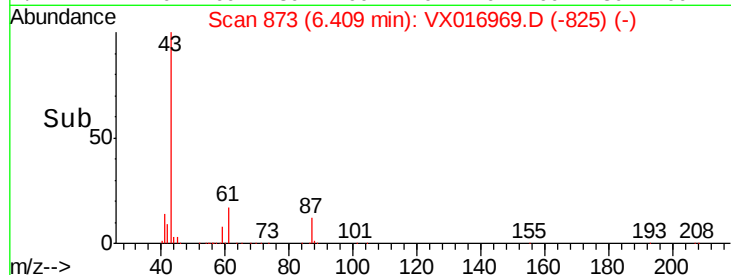
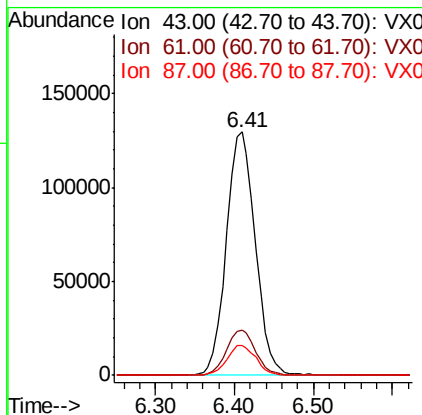
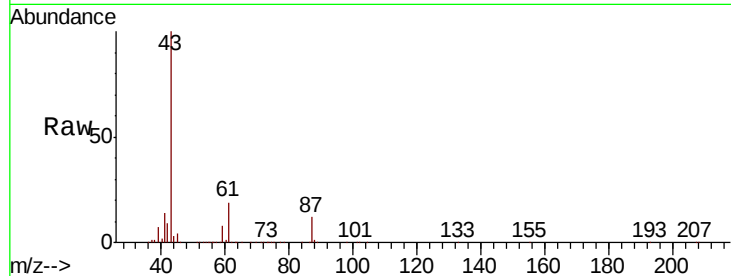
Isopropyl Acetate
 Concen: 45.549 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.6
87	12.4	10.0	15.0

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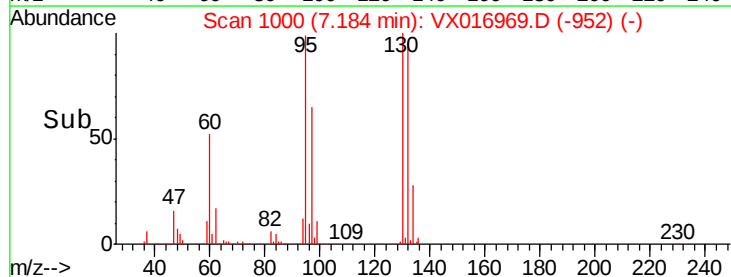
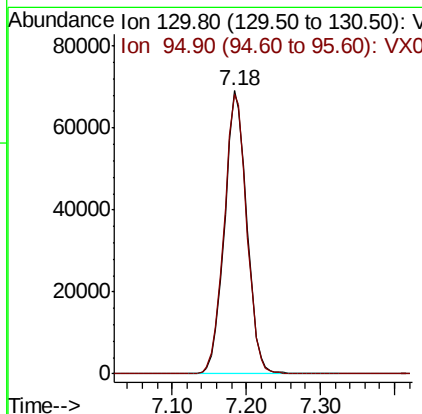
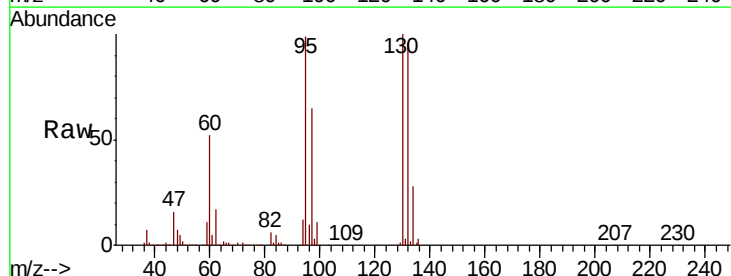
MMDadoda
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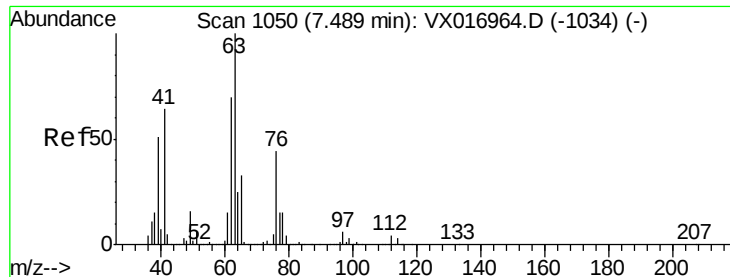


#44

Trichloroethene
 Concen: 47.099 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	206.6





#45

1,2-Dichloropropane

Concen: 45.338 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 139342

Ion Ratio Lower Upper

63 100

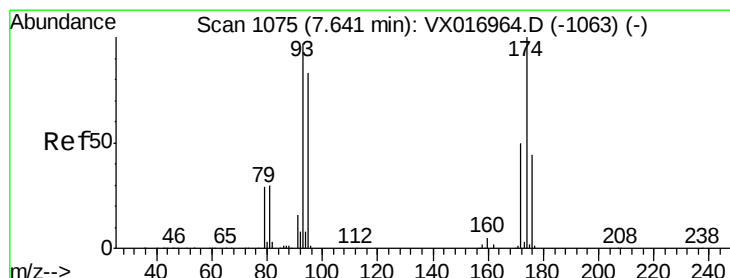
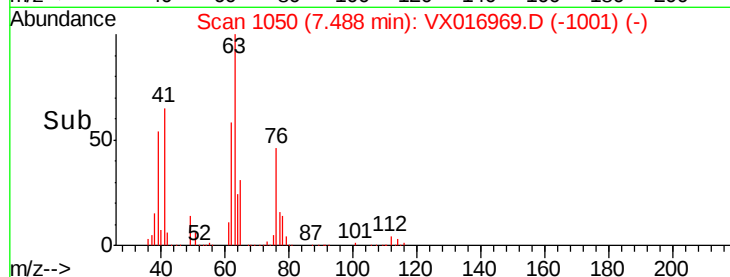
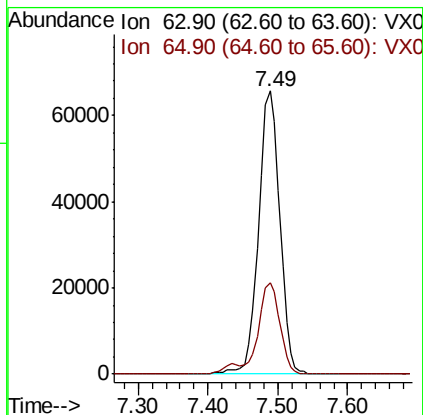
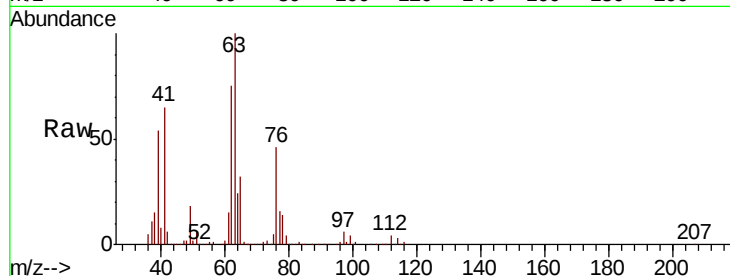
65 32.3 26.1 39.1

Manual Integrations

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#46

Dibromomethane

Concen: 45.887 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

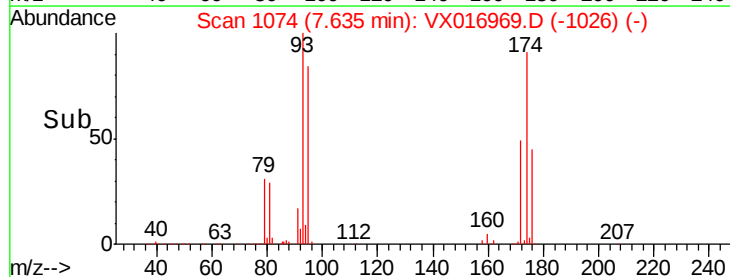
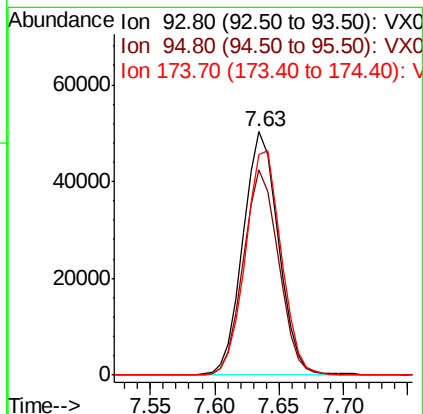
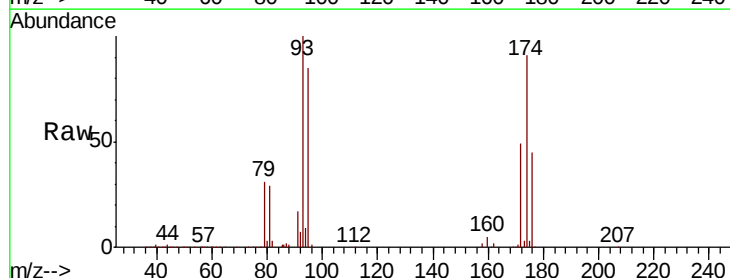
Tgt Ion: 93 Resp: 95808

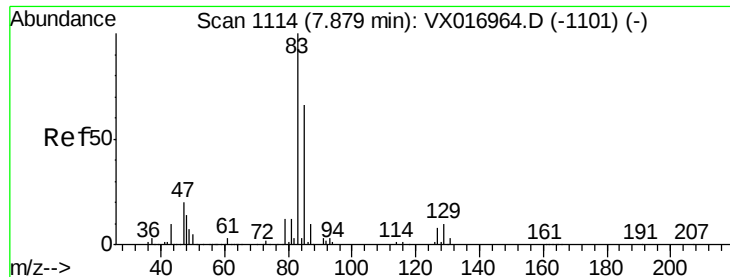
Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

174 93.1 75.0 112.4





#47

Bromodichloromethane

Concen: 46.389 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

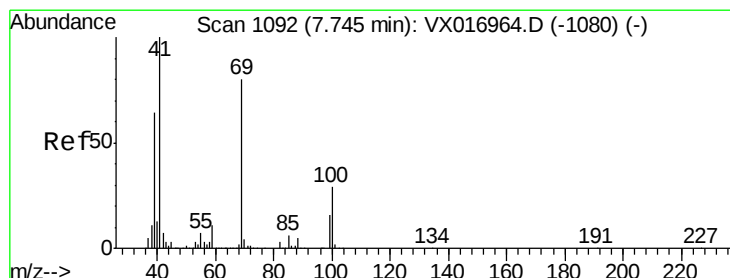
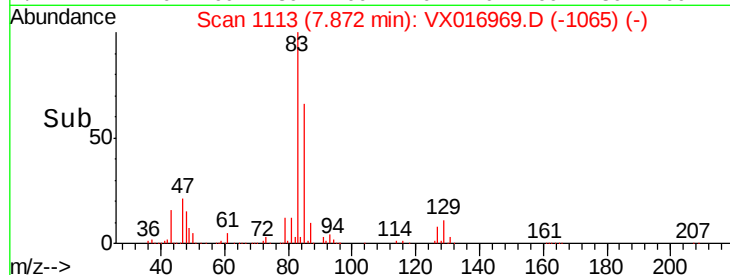
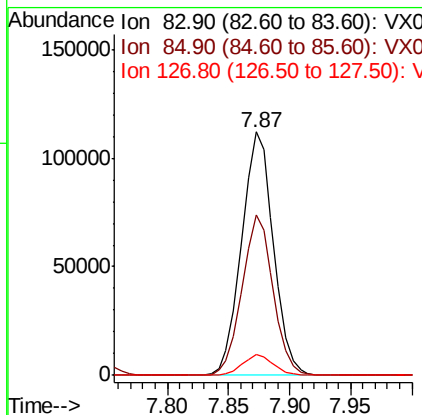
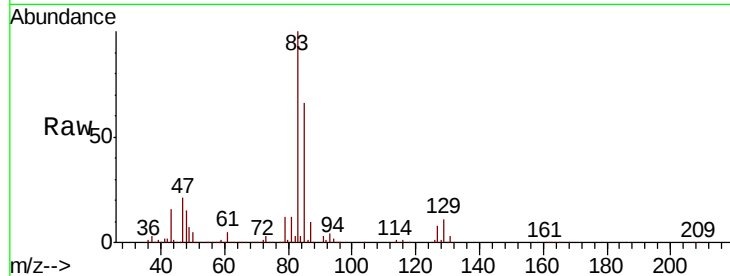
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	202581
Ion Ratio	Lower	Upper	
83	100		
85	65.9	53.1	79.7
127	8.5	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.448 ug/l

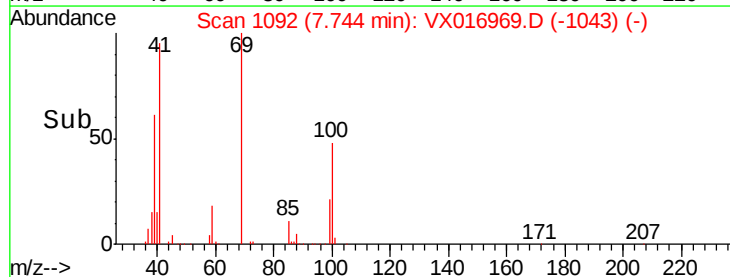
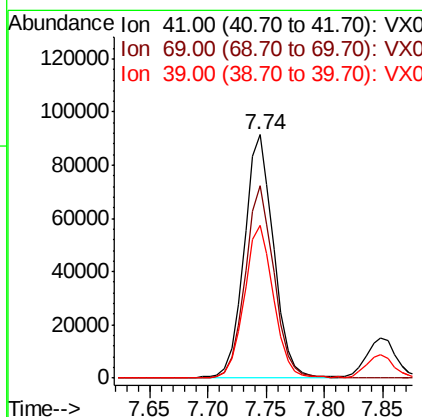
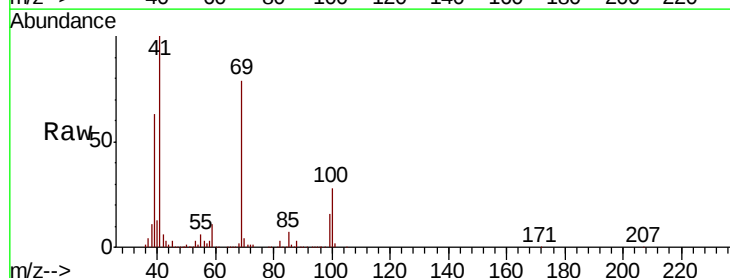
RT: 7.74 min Scan# 1092

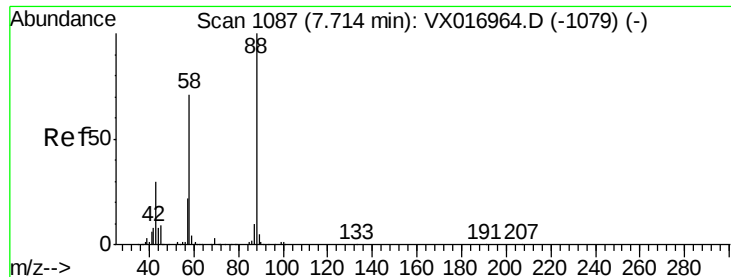
Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	41	Resp:	159914
Ion Ratio	Lower	Upper	
41	100		
69	78.1	62.7	94.1
39	62.5	49.6	74.4





#49

1,4-Dioxane

Concen: 917.518 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

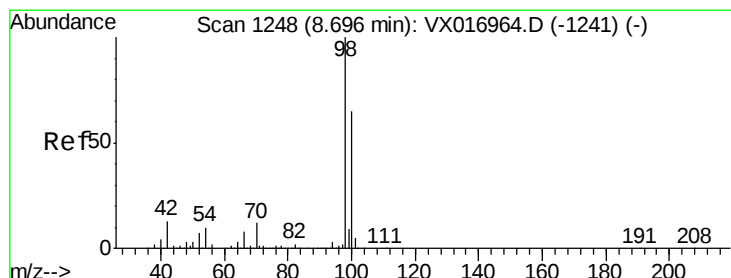
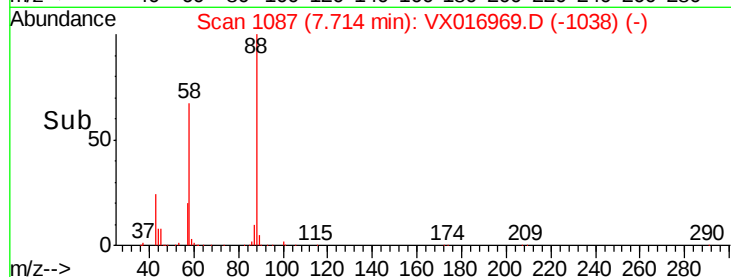
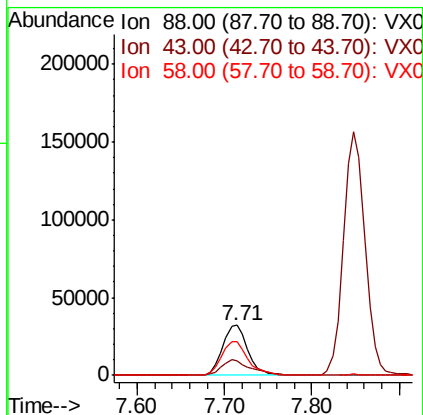
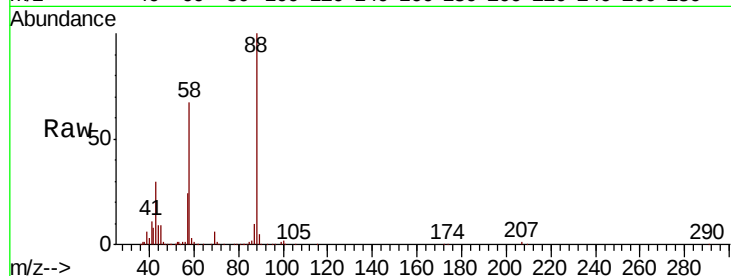
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	64322
Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.1	42.1
58	71.0	56.1	84.1

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#50

Toluene-d8

Concen: 46.991 ug/l

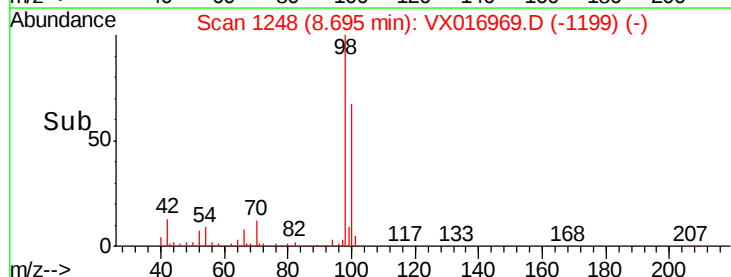
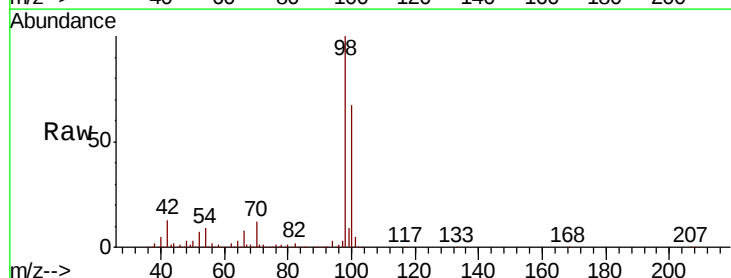
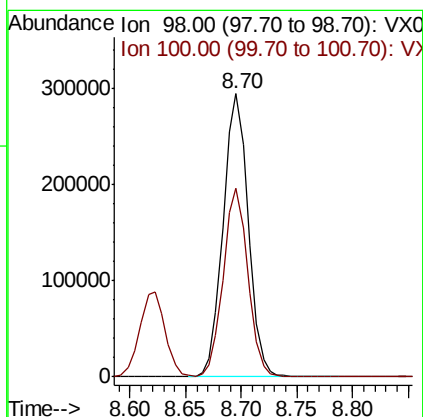
RT: 8.70 min Scan# 1248

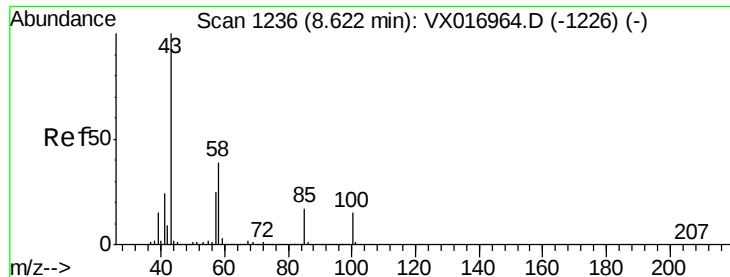
Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	98	Resp:	458664
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 231.169 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 954873

Ion Ratio Lower Upper

43 100

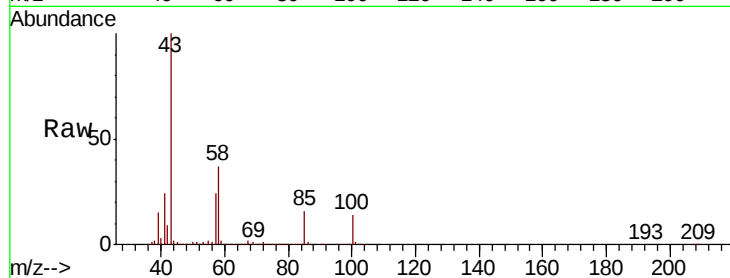
58 37.7 30.4 45.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

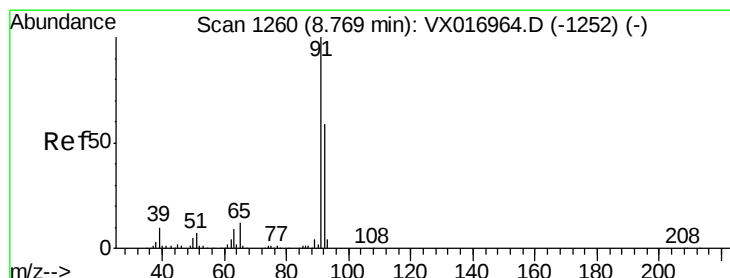
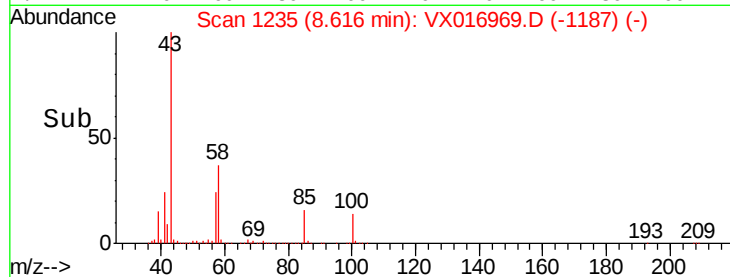
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.204 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016969.D

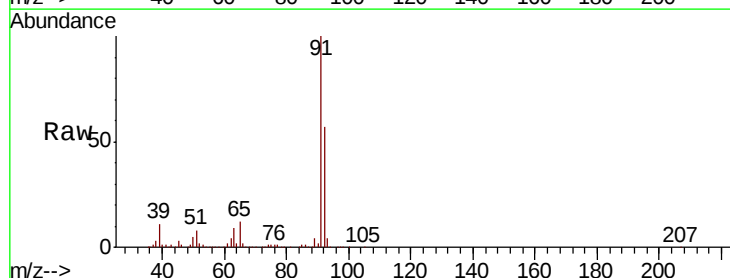
Acq: 26 Jun 2020 09:26

Tgt Ion: 92 Resp: 334475

Ion Ratio Lower Upper

92 100

91 173.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

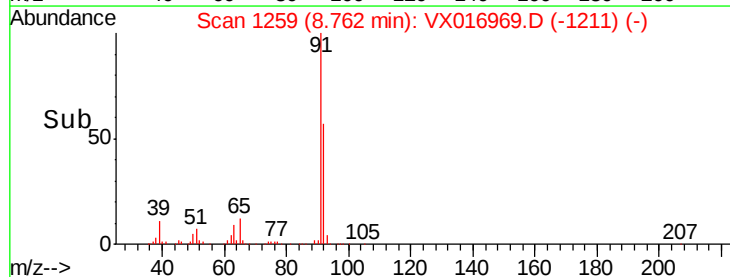
300000

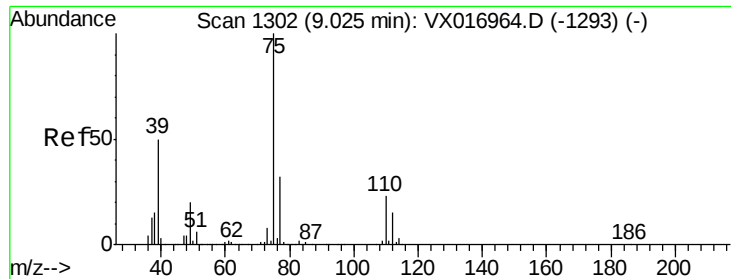
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.519 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 226901

Ion Ratio Lower Upper

75 100

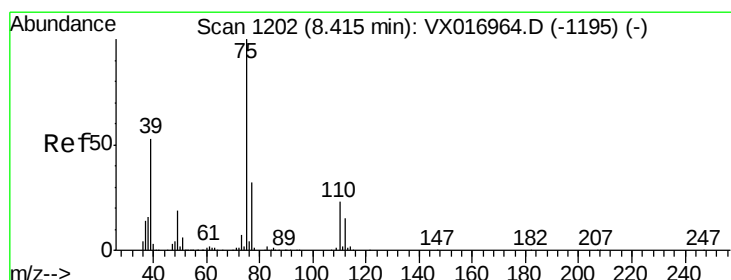
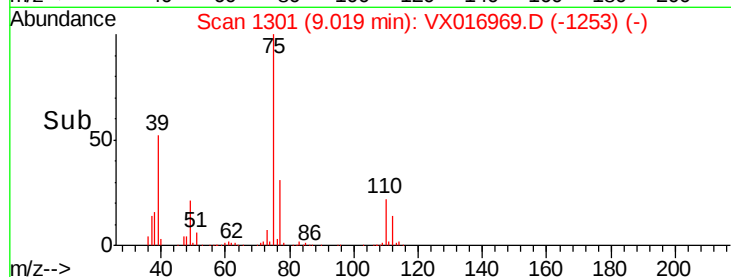
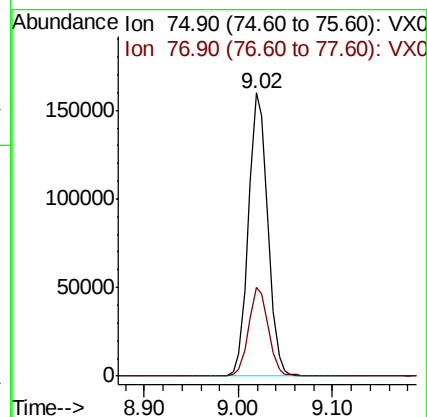
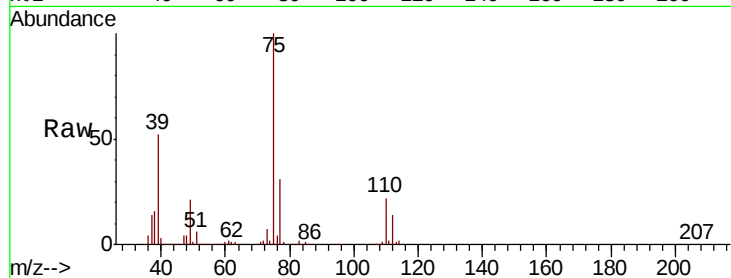
77 31.5 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.276 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

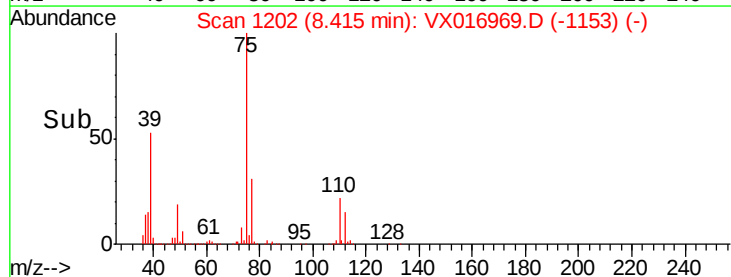
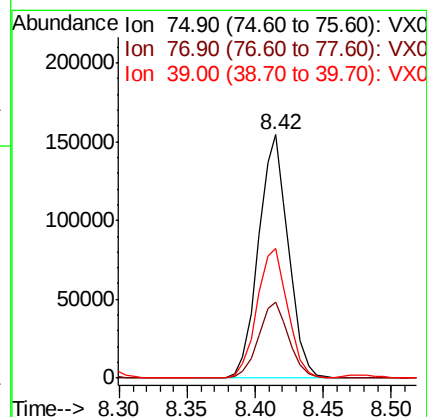
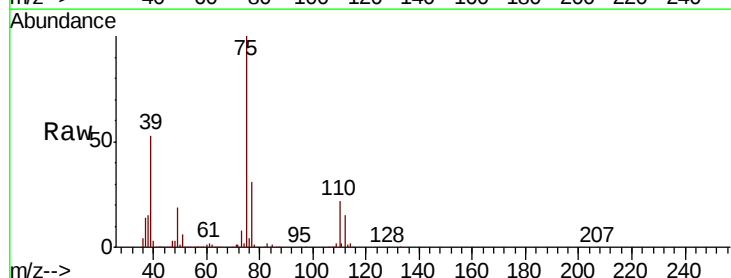
Tgt Ion: 75 Resp: 237328

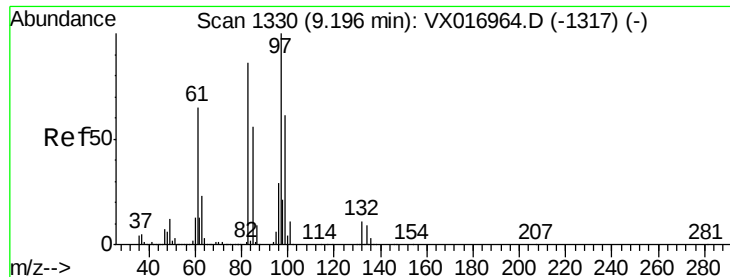
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 53.1 42.7 64.1





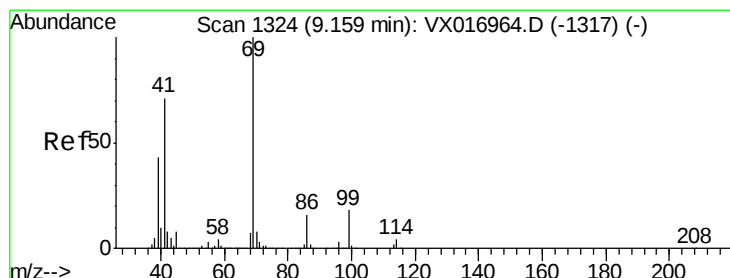
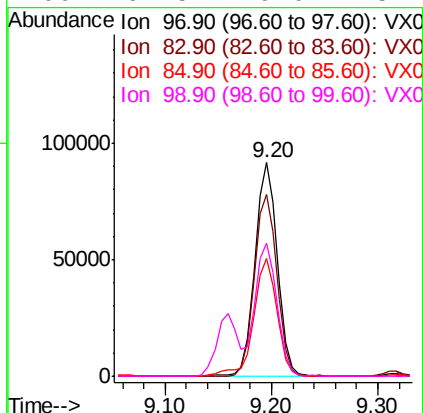
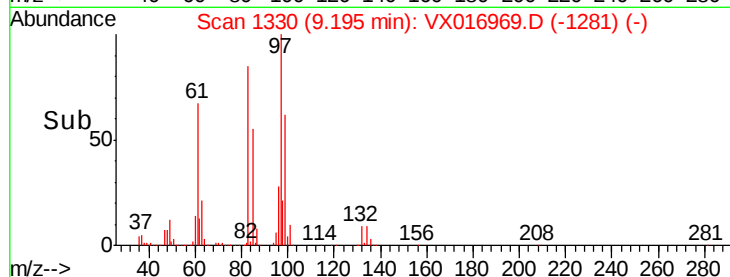
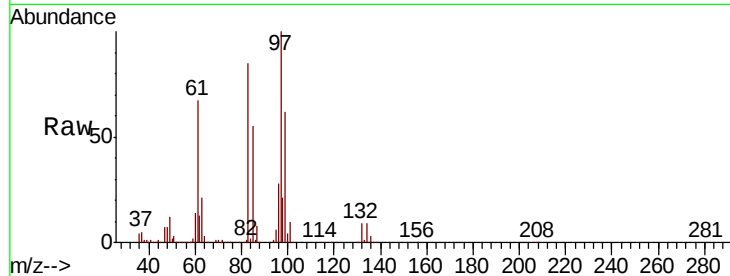
#55
 1,1,2-Trichloroethane
 Concen: 46.261 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.6	103.0
85	54.9	44.5	66.7
99	62.5	49.0	73.4

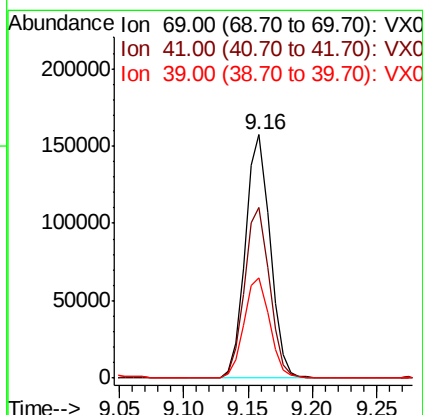
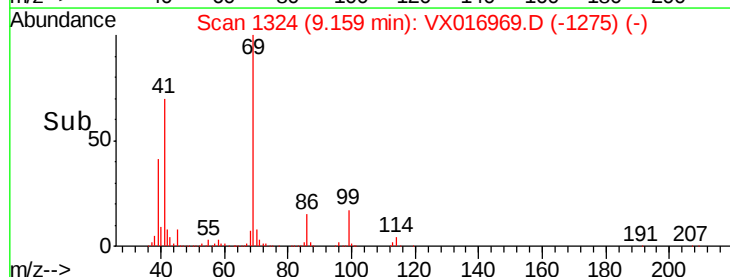
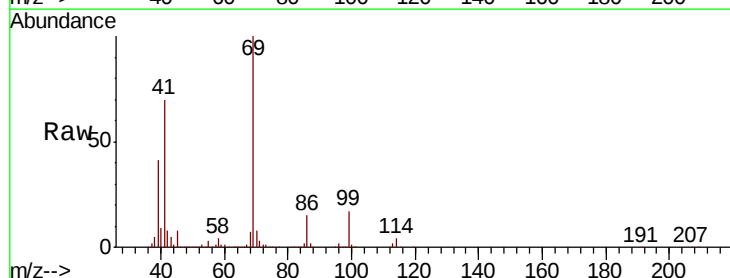
Manual Integrations
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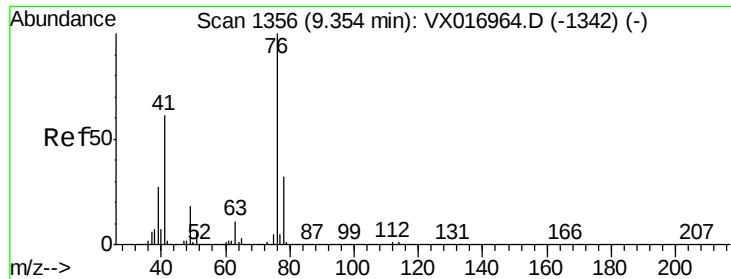
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#56
 Ethyl methacrylate
 Concen: 47.976 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.9	83.9
39	42.6	34.6	51.8





#57

1,3-Dichloropropane

Concen: 46.527 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 231898

Ion Ratio Lower Upper

76 100

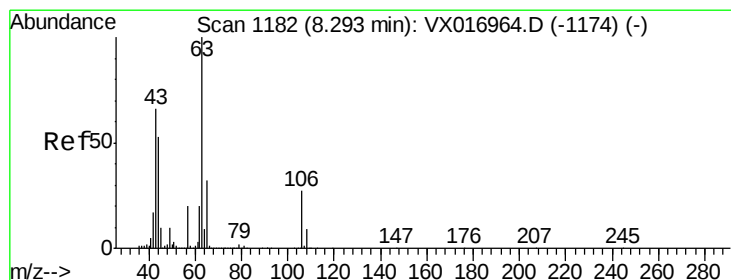
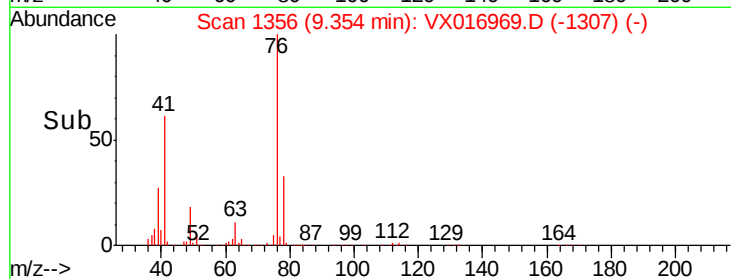
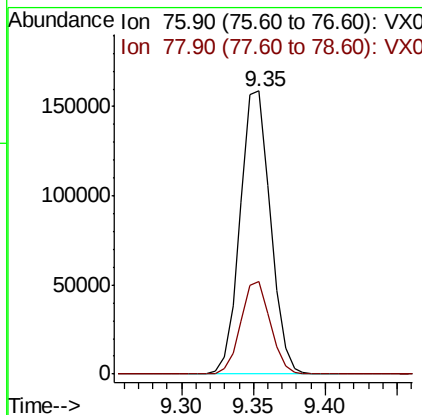
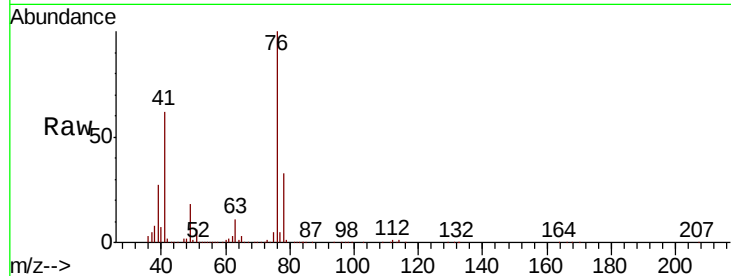
78 32.2 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 239.397 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016969.D

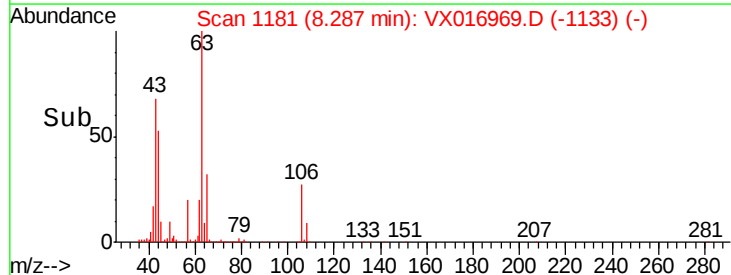
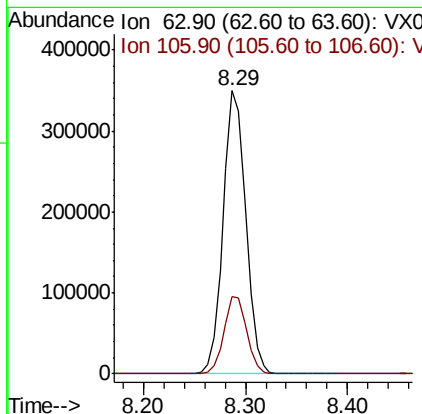
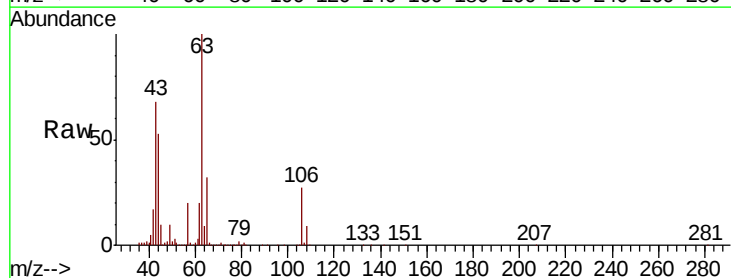
Acq: 26 Jun 2020 09:26

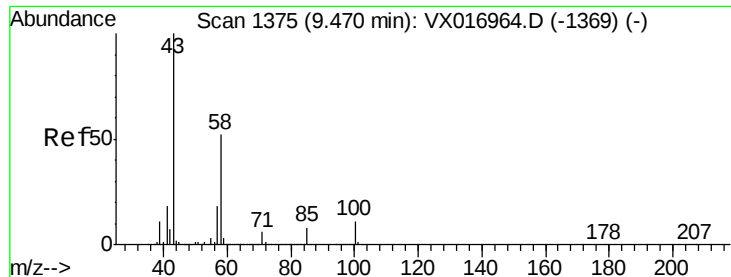
Tgt Ion: 63 Resp: 539701

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1





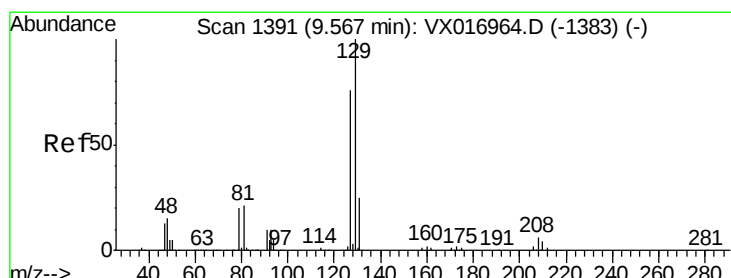
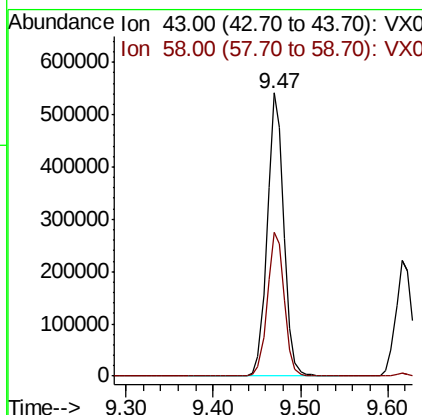
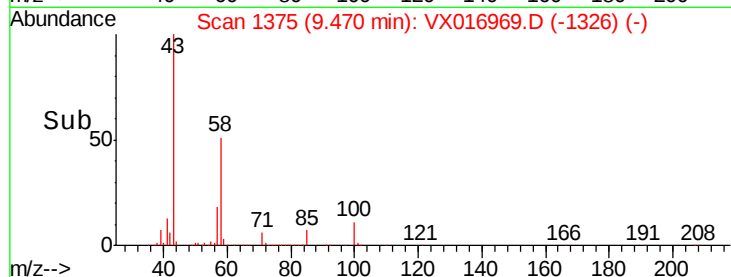
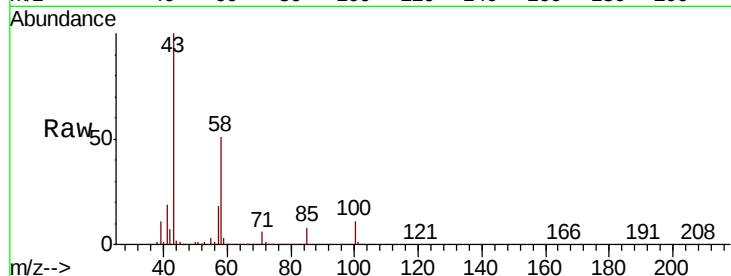
#59
2-Hexanone
Concen: 232.446 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 722302
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

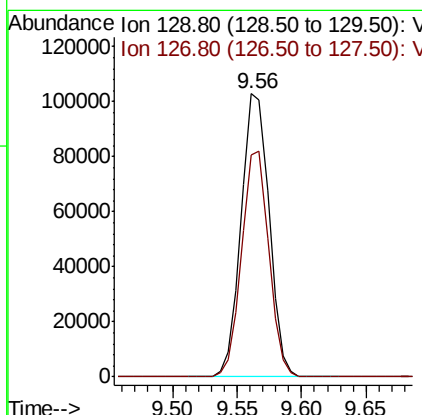
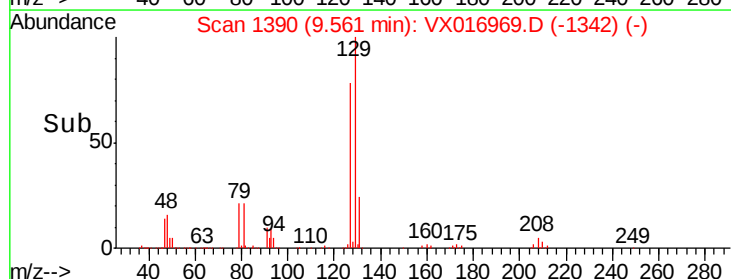
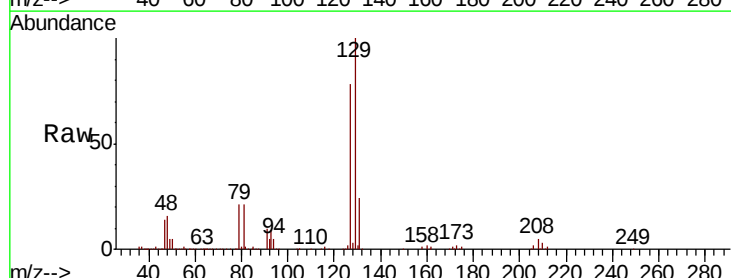
Manual Integrations
APPROVED

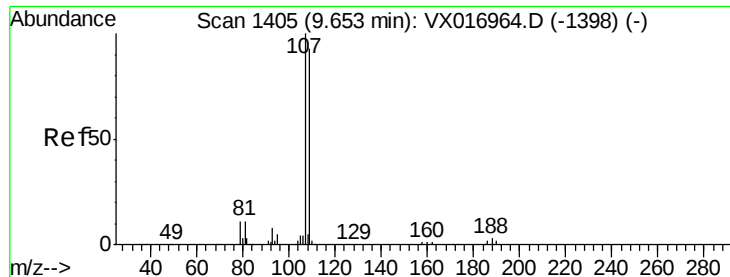
MMDadoda
6/29/2020 12:32:34 PM



#60
Dibromochloromethane
Concen: 46.549 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 129 Resp: 154494
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.0





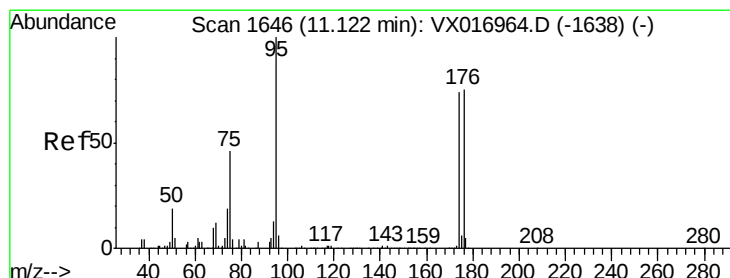
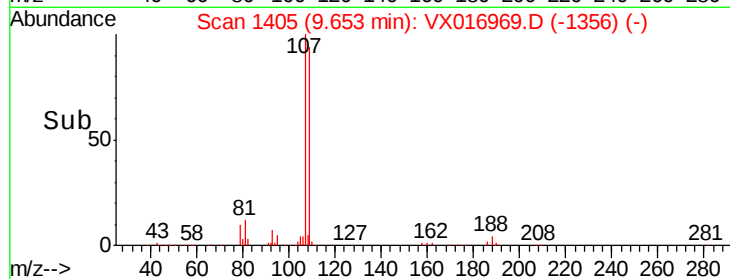
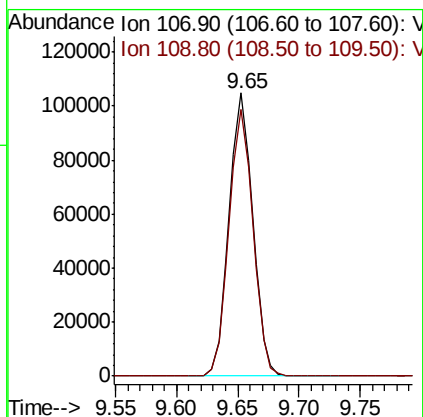
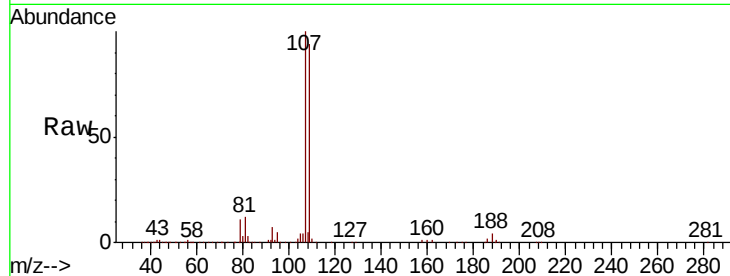
#61
 1,2-Dibromoethane
 Concen: 45.429 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.0	112.6

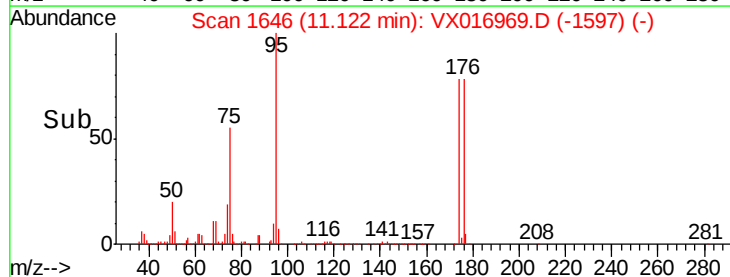
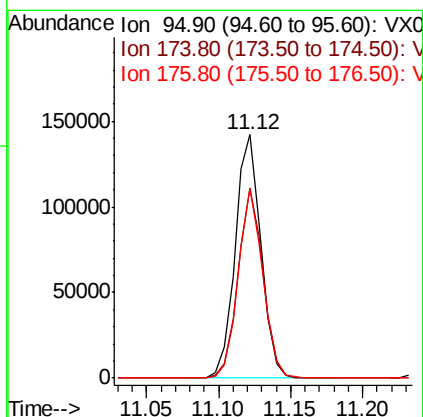
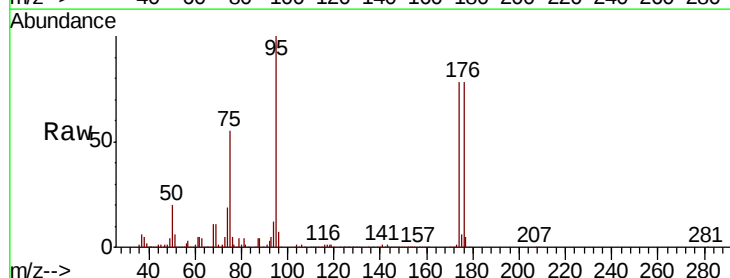
Manual Integrations
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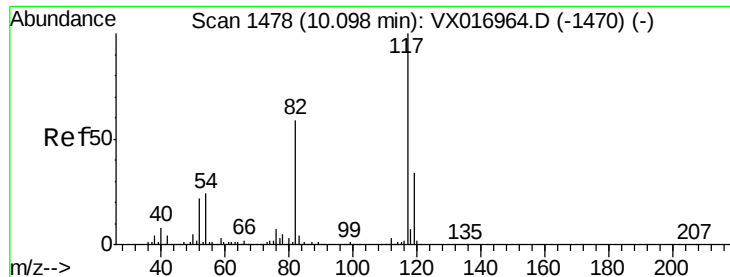
MMDadoda
 6/29/2020 12:32:34 PM



#62
 4-Bromofluorobenzene
 Concen: 46.846 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	149.6
176	74.3	0.0	148.2





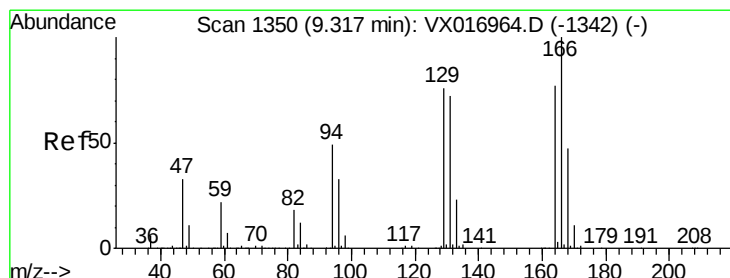
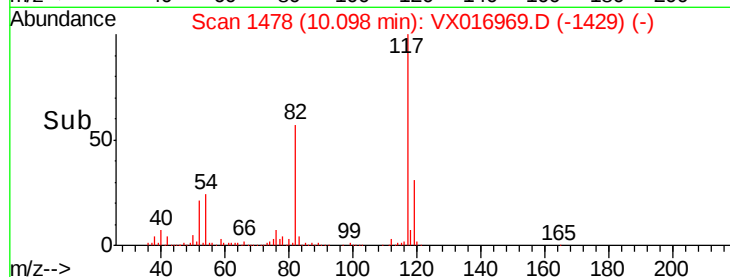
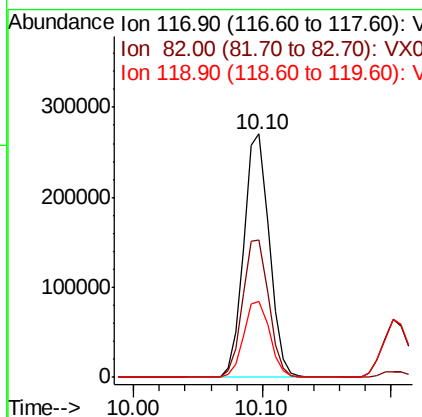
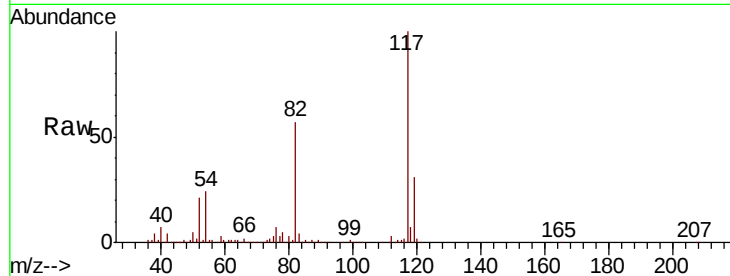
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368256		
82	56.6	46.8	70.2	
119	31.3	27.3	40.9	

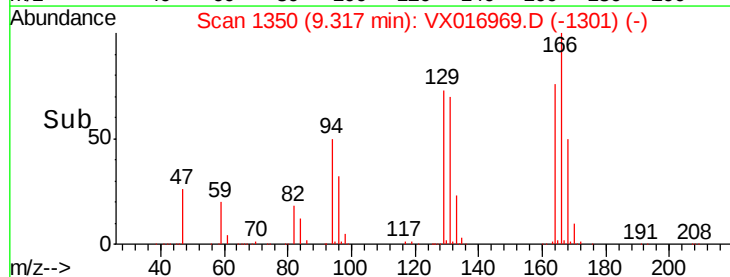
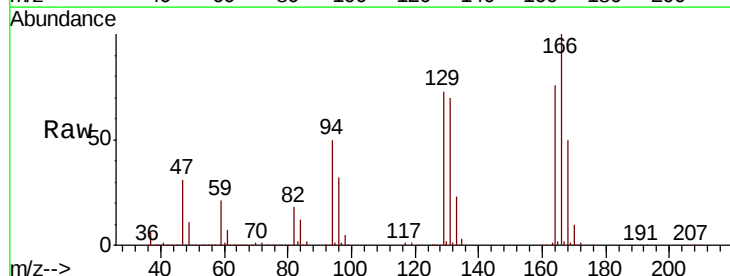
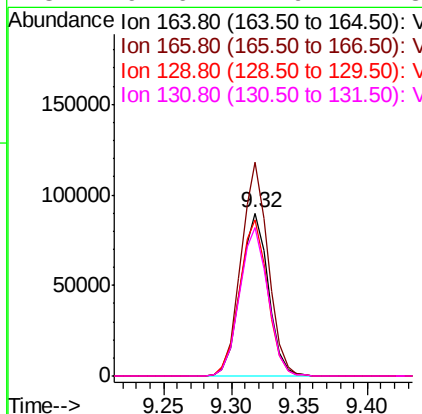
Manual Integrations
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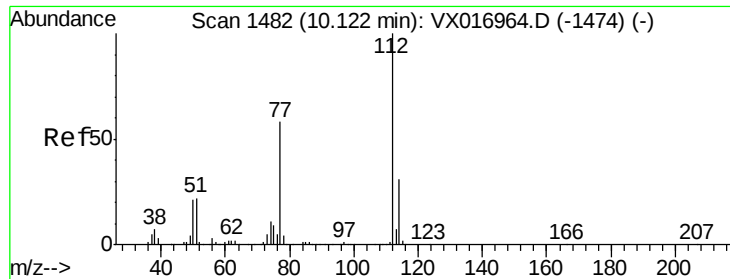
MMDadoda
6/29/2020 12:32:34 PM



#64
Tetrachloroethene
Concen: 50.984 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127093		
166	131.3	104.2	156.4	
129	96.0	79.3	118.9	
131	91.6	74.9	112.3	





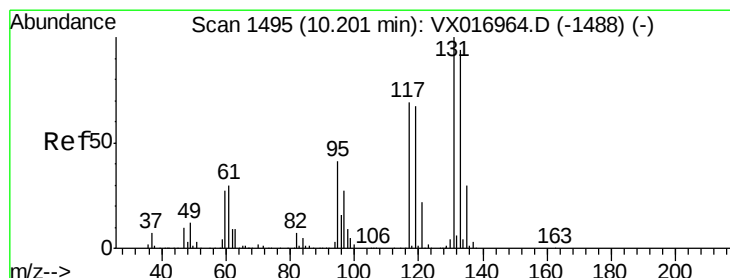
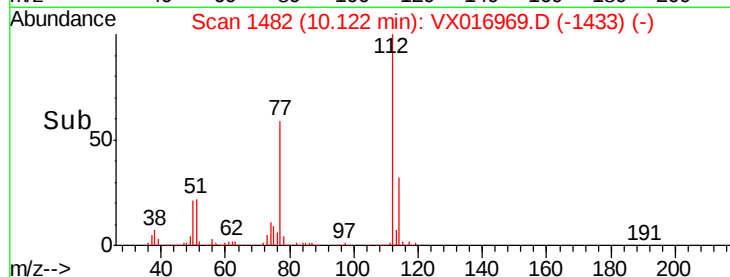
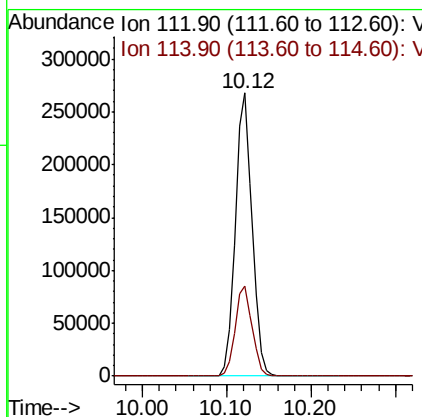
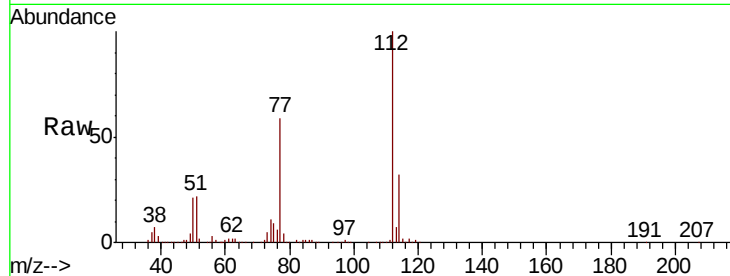
#65
Chlorobenzene
Concen: 47.293 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.8	37.2

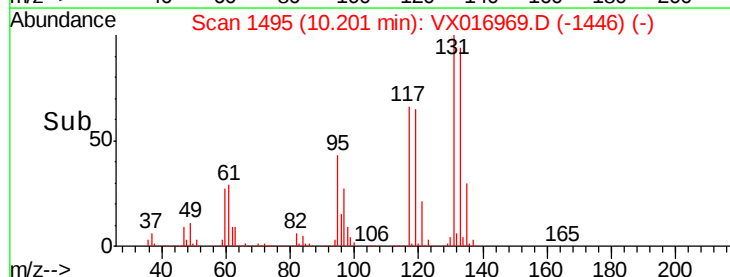
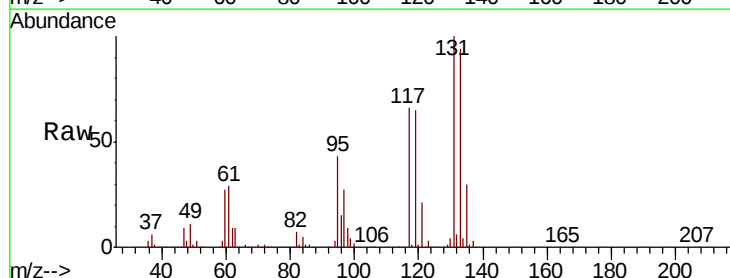
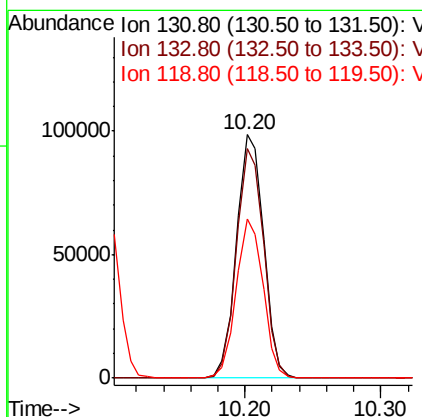
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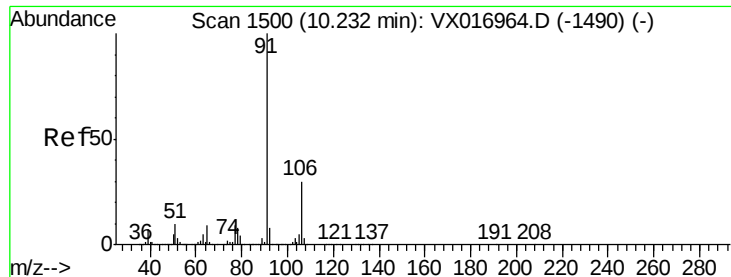
MMDadoda
6/29/2020 12:32:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.022 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.0	144.0
119	64.7	32.8	98.4





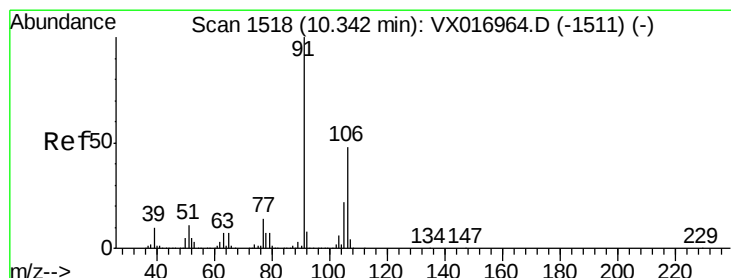
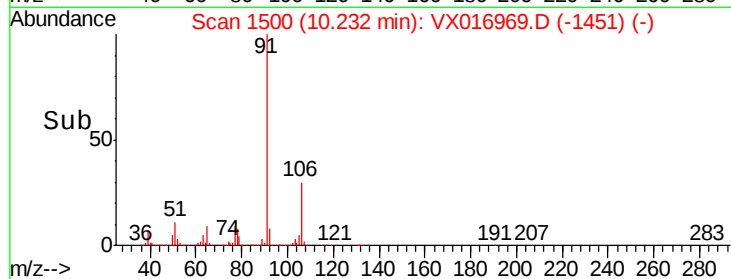
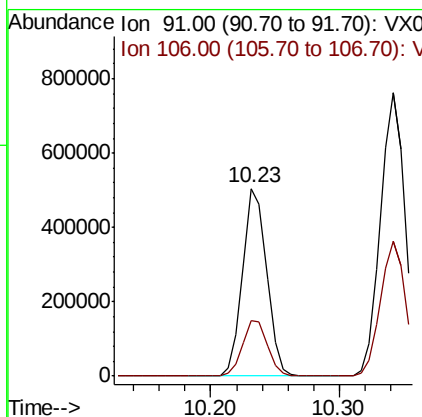
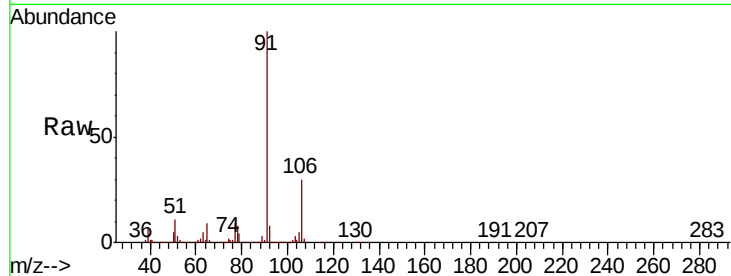
#67
Ethyl Benzene
Concen: 49.657 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 656463
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1

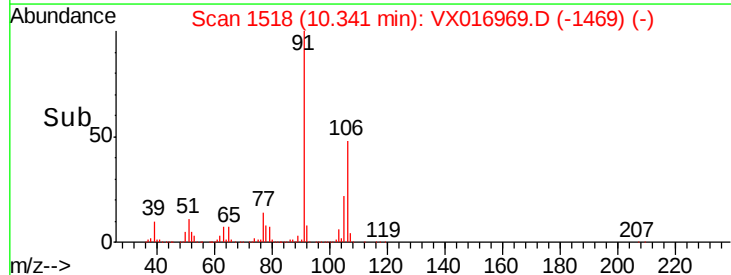
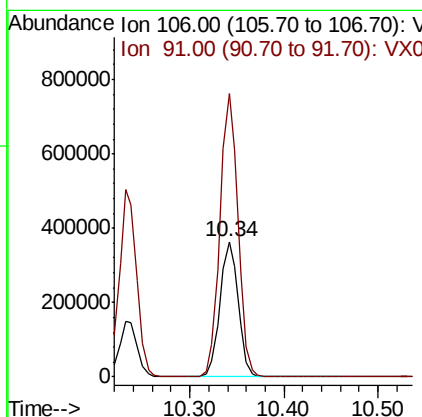
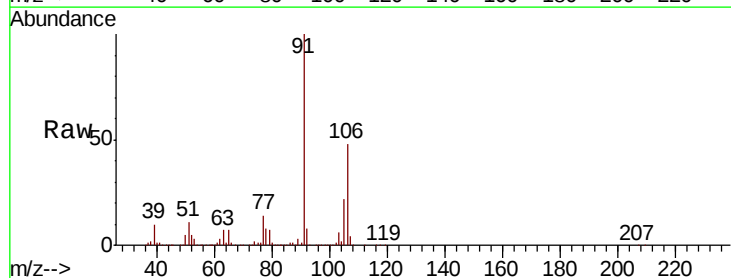
Manual Integrations
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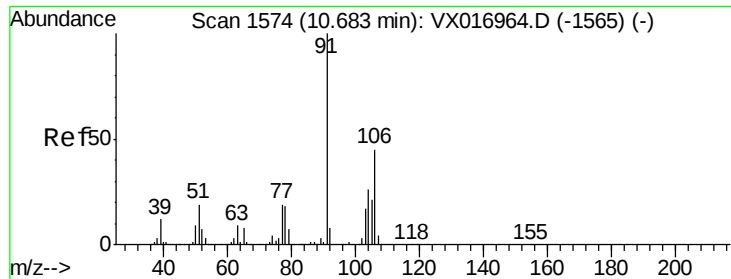
MMDadoda
6/29/2020 12:32:34 PM



#68
m/p-Xylenes
Concen: 99.559 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 106 Resp: 488960
Ion Ratio Lower Upper
106 100
91 206.5 164.1 246.1





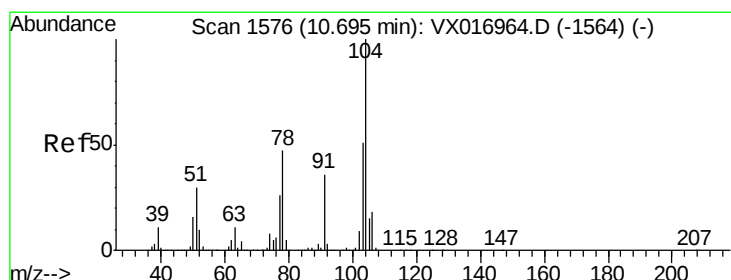
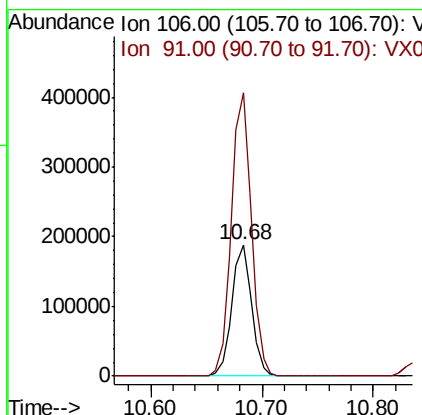
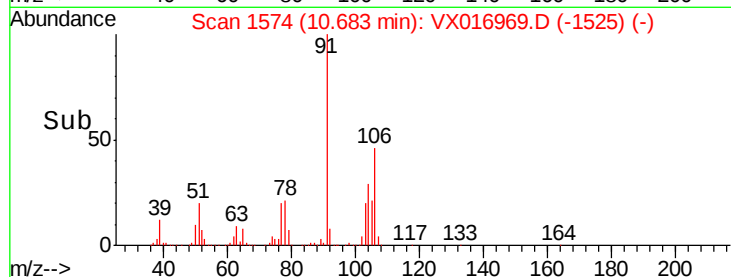
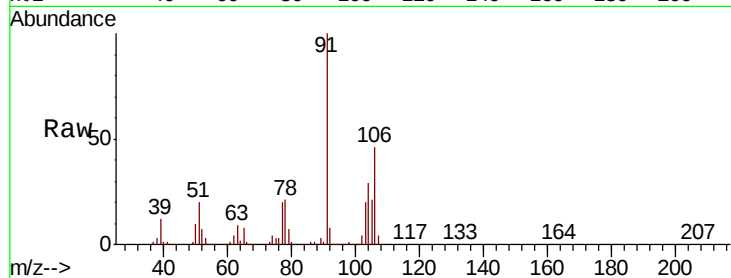
#69
o-Xylene
Concen: 49.373 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 231338
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.2

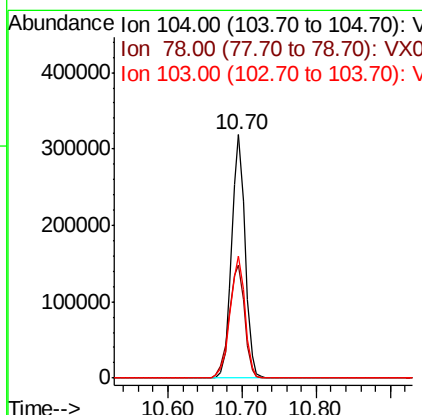
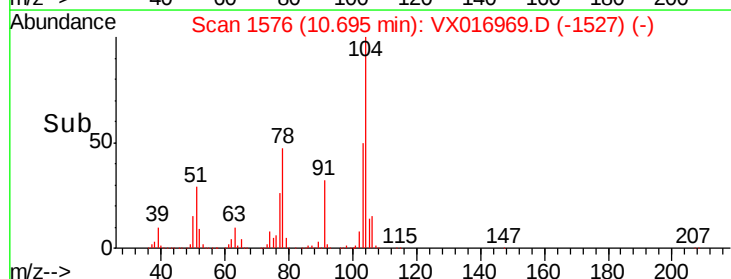
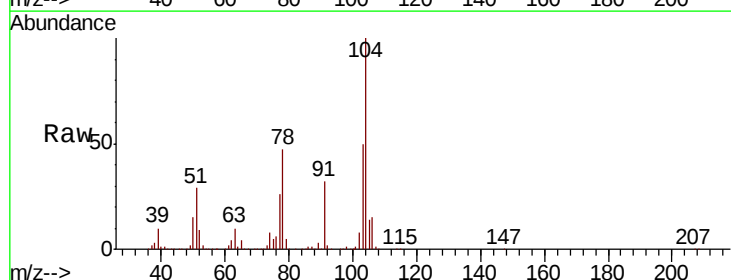
Manual Integrations
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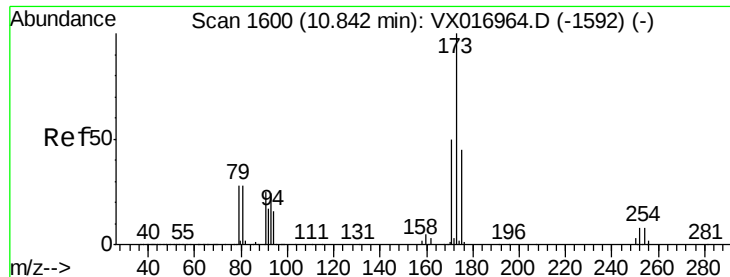
MMDadoda
6/29/2020 12:32:34 PM



#70
Styrene
Concen: 50.913 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:104 Resp: 406374
Ion Ratio Lower Upper
104 100
78 53.1 41.9 62.9
103 54.7 43.9 65.9





#71

Bromoform

Concen: 47.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 106757

Ion Ratio Lower Upper

173 100

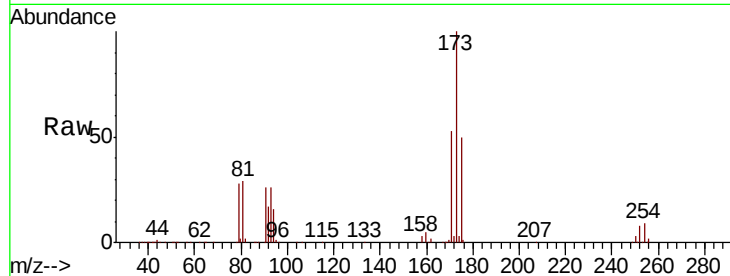
175 48.1 23.4 70.2

254 0.1 0.0 0.0#

Manual Integrations
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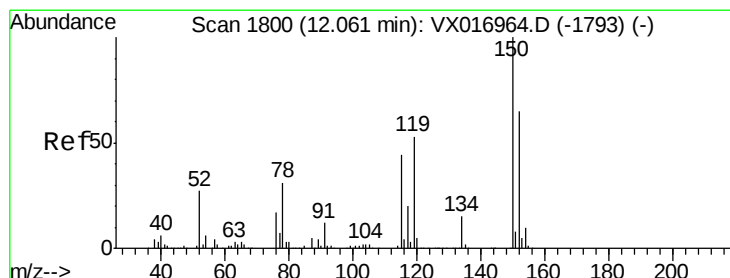
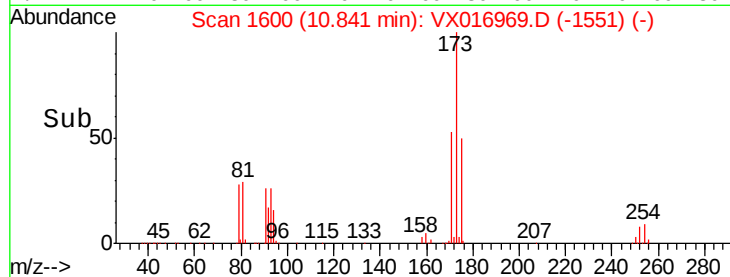
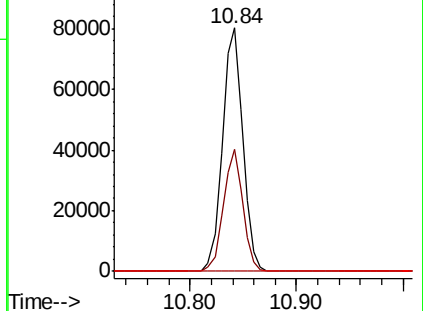
6/29/2020 12:32:34 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

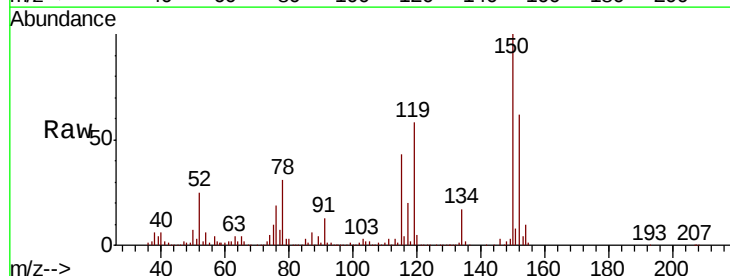
Tgt Ion:152 Resp: 187700

Ion Ratio Lower Upper

152 100

115 85.2 42.8 128.4

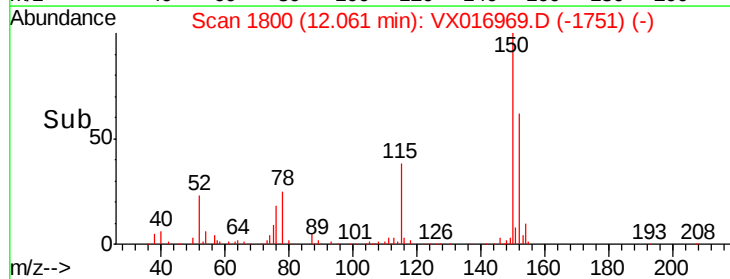
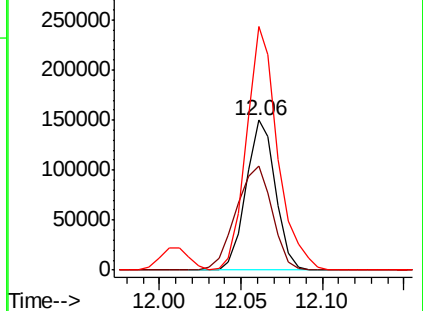
150 172.2 0.0 347.8

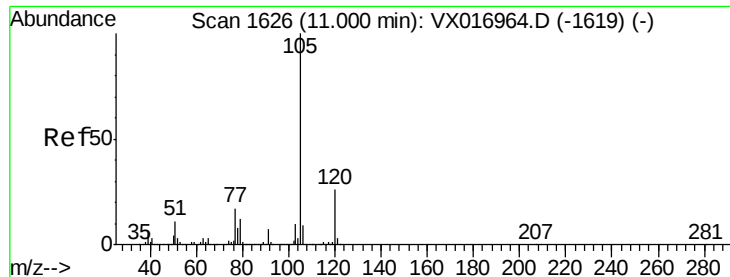


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.151 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 635213

Ion Ratio Lower Upper

105 100

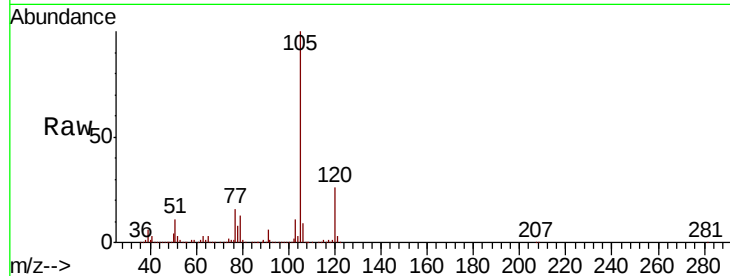
120 26.1 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

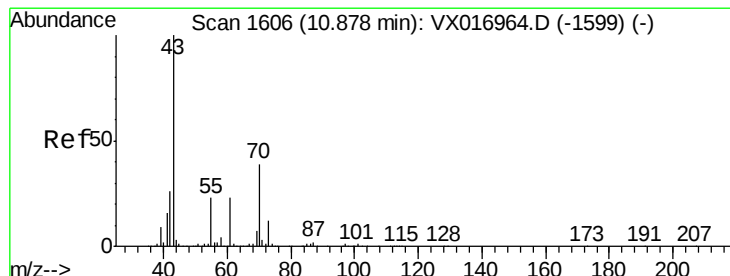
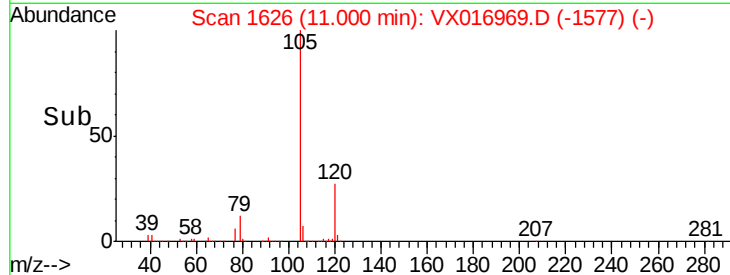
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 48.537 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 295808

Ion Ratio Lower Upper

43 100

70 40.4 32.1 48.1

55 23.6 18.6 28.0

61 23.4 18.8 28.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

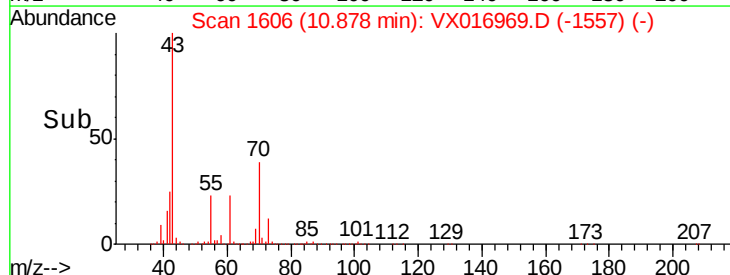
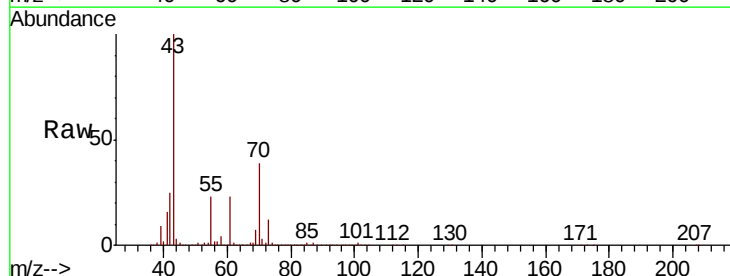
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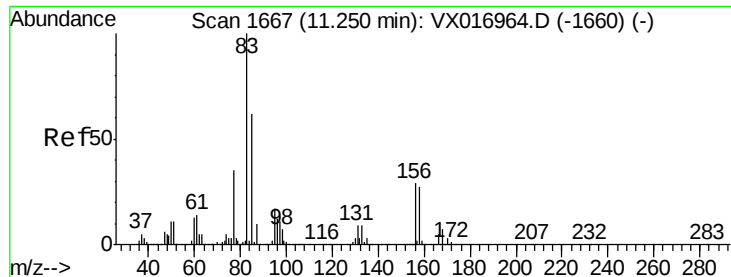
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.365 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

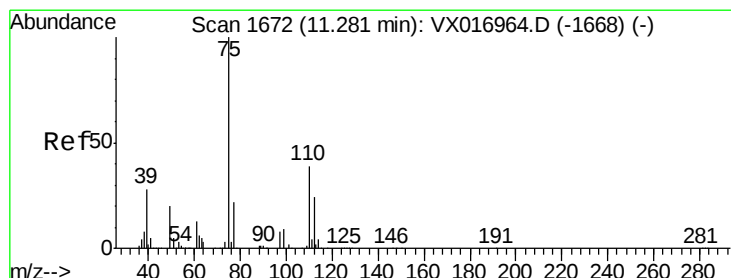
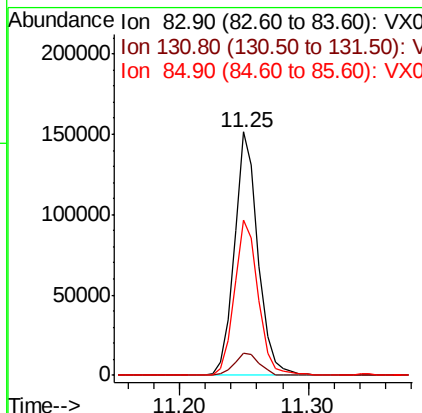
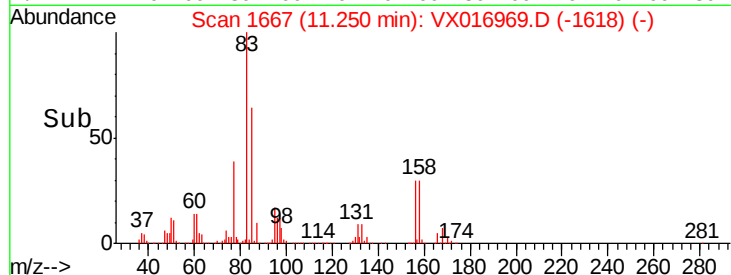
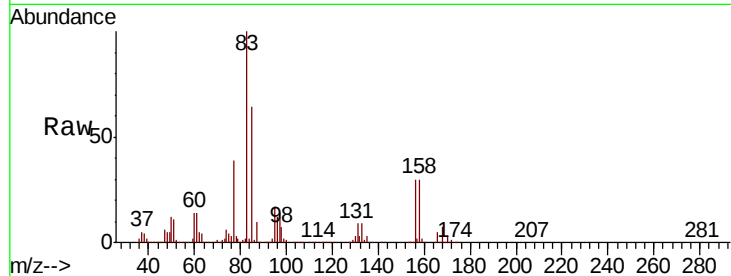
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	192951
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.606 ug/l m

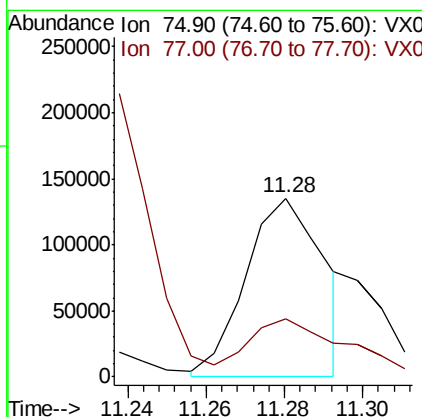
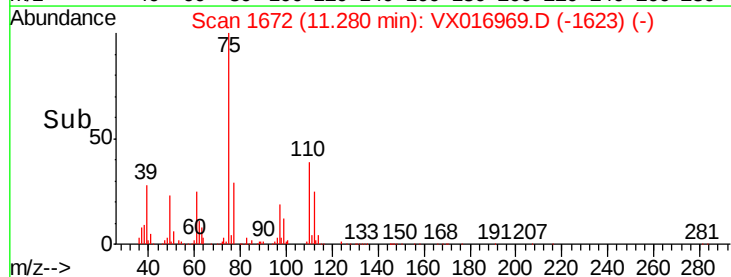
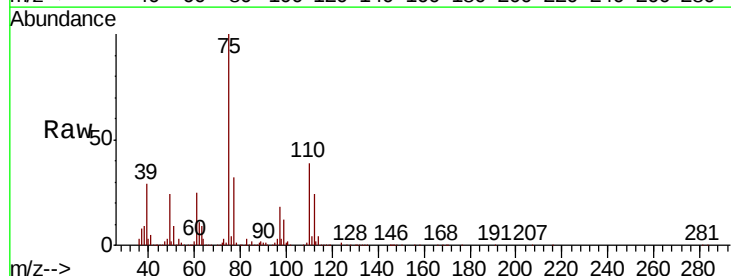
RT: 11.28 min Scan# 1672

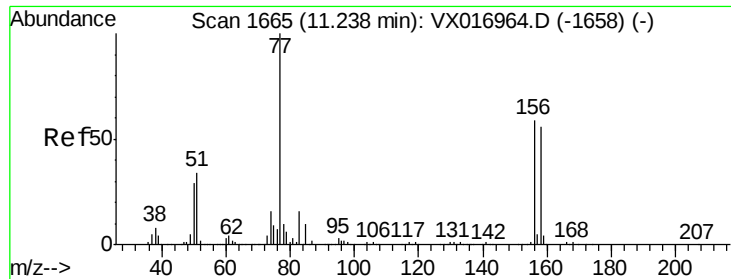
Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	75	Resp:	187523
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.3	61.0





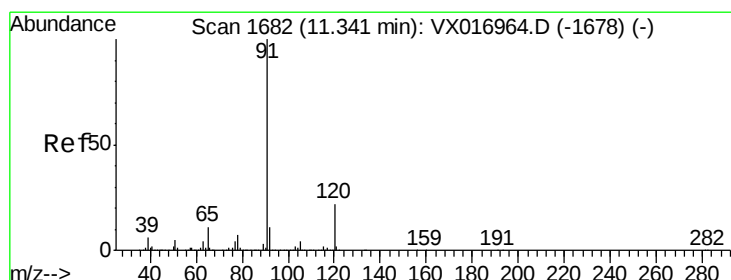
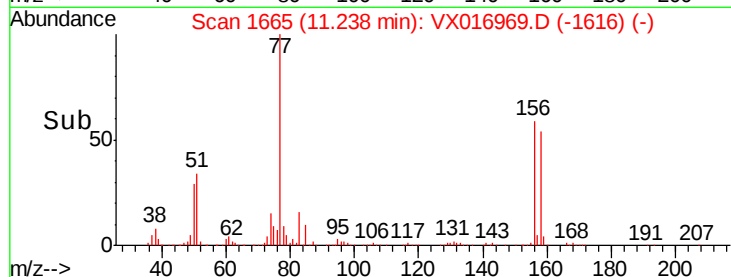
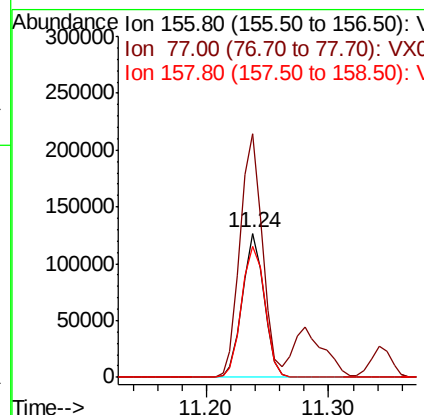
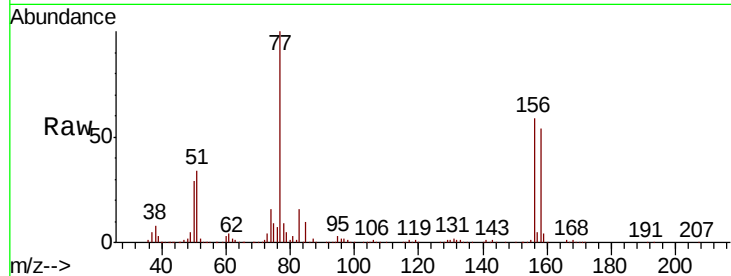
#77
Bromobenzene
Concen: 45.971 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.8	85.2	255.6
158	97.8	48.3	144.9

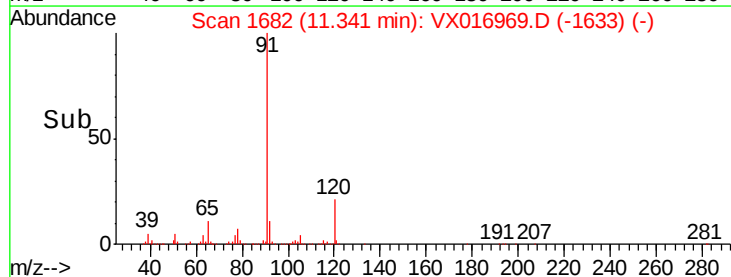
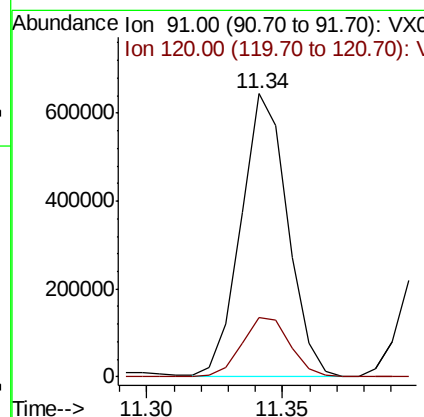
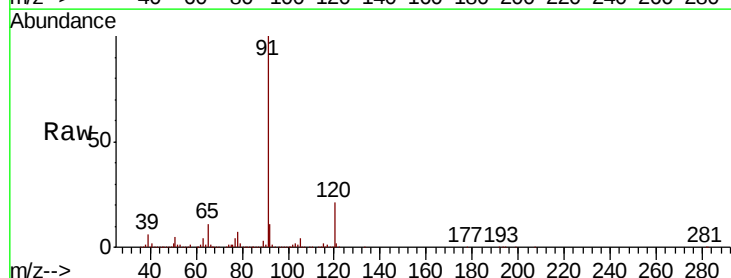
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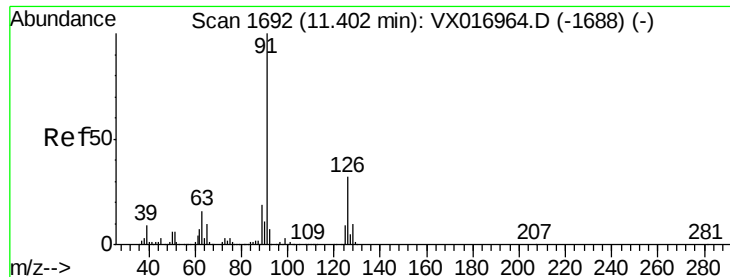
MMDadoda
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#78
n-propylbenzene
Concen: 49.826 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





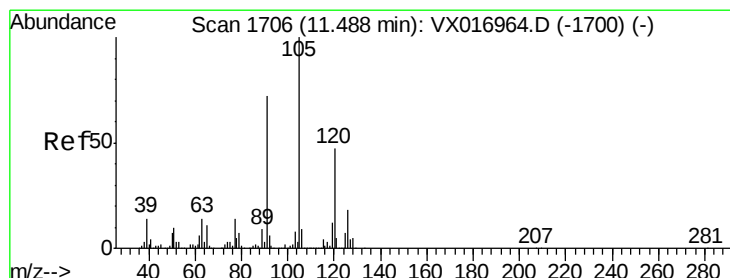
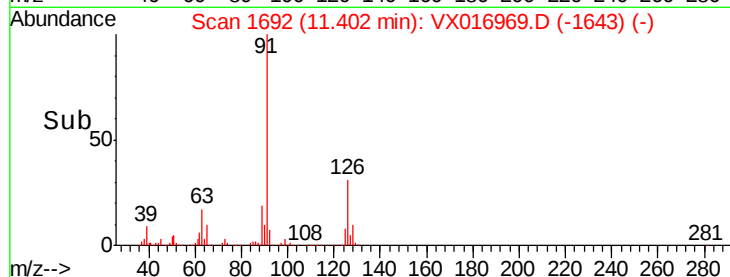
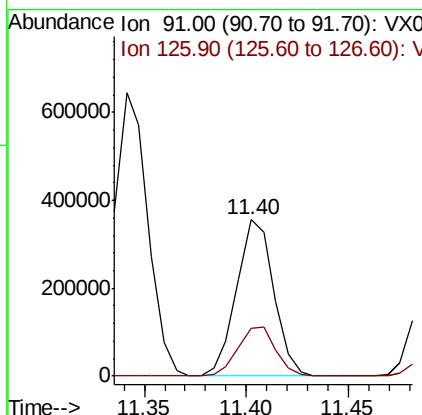
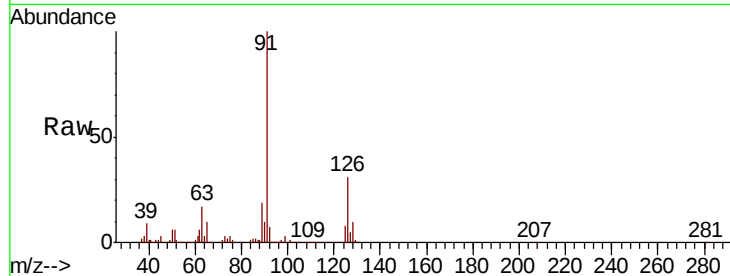
#79
2-Chlorotoluene
Concen: 48.945 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.8

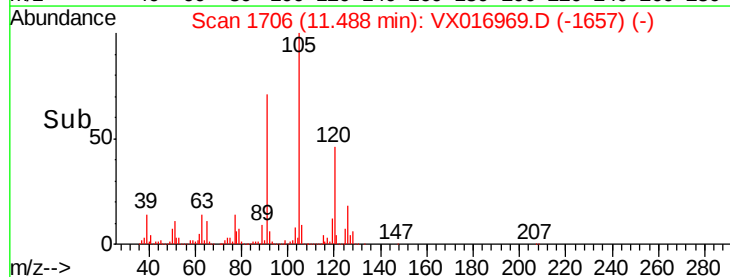
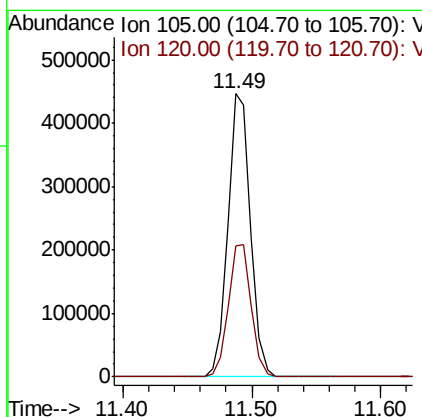
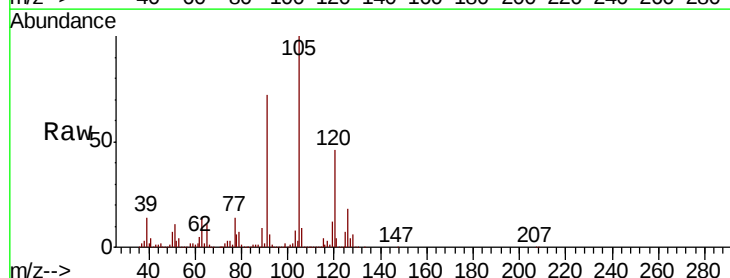
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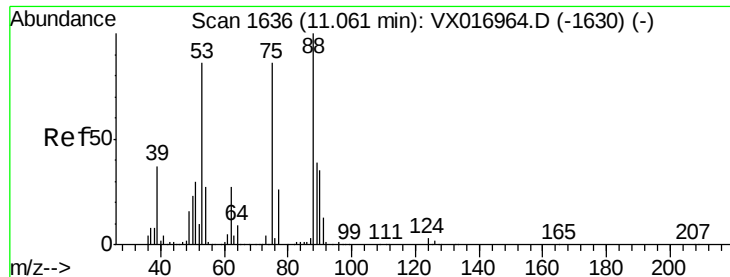
MMDadoda
6/29/2020 12:32:34 PM



#80
1,3,5-Trimethylbenzene
Concen: 50.869 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.2	72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.239 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 73293

Ion Ratio Lower Upper

75 100

53 104.0 81.9 122.9

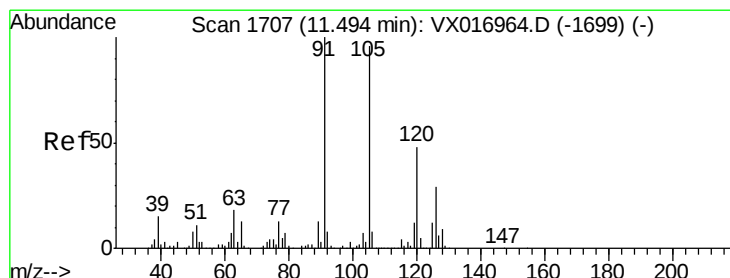
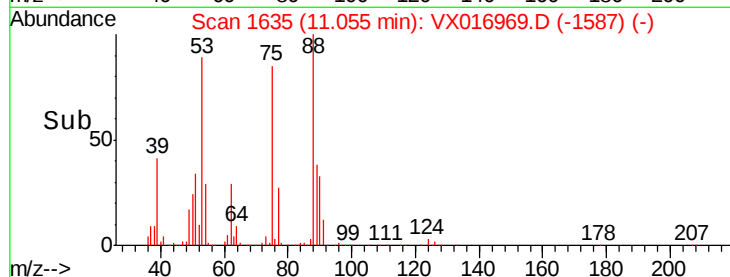
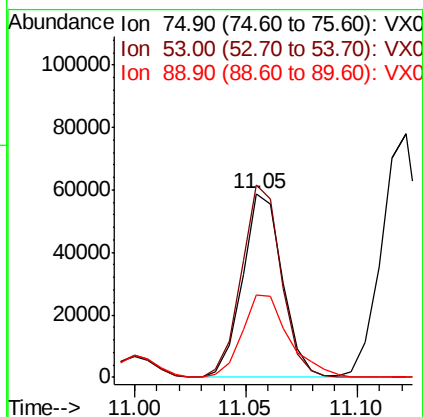
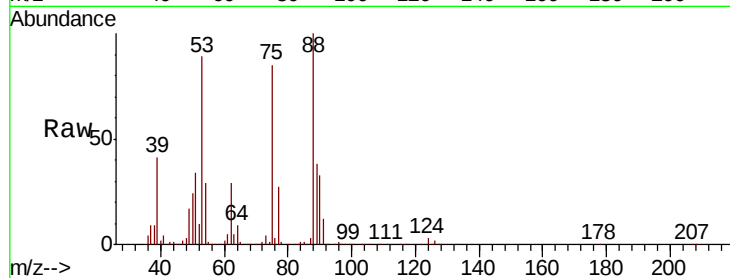
89 53.0 35.5 53.3

Manual Integrations

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#82

4-Chlorotoluene

Concen: 49.938 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016969.D

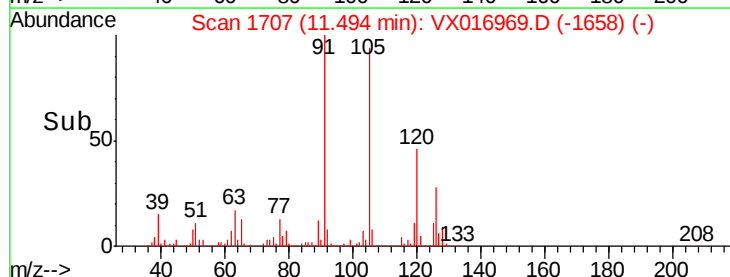
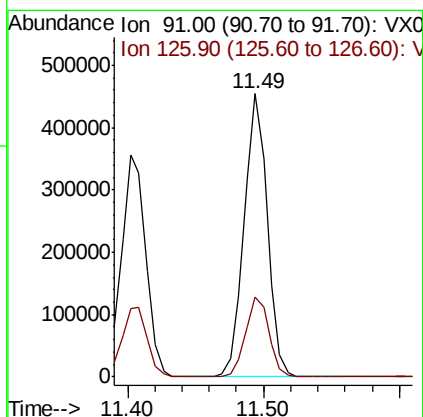
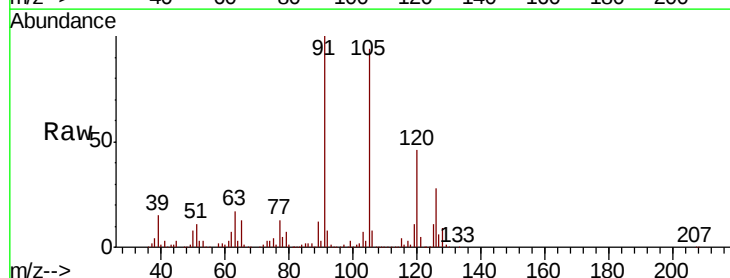
Acq: 26 Jun 2020 09:26

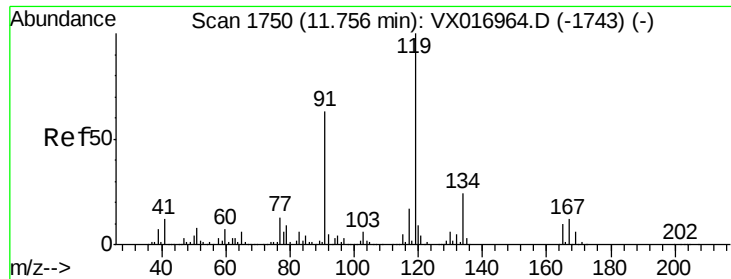
Tgt Ion: 91 Resp: 539114

Ion Ratio Lower Upper

91 100

126 28.7 14.6 44.0





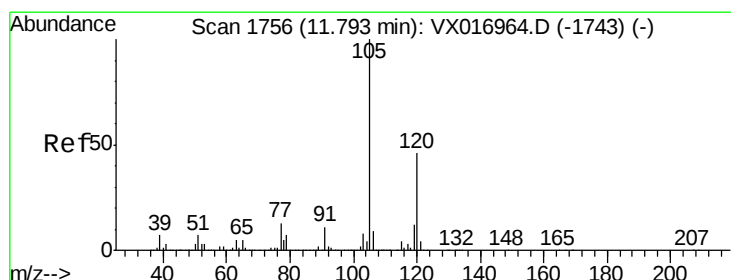
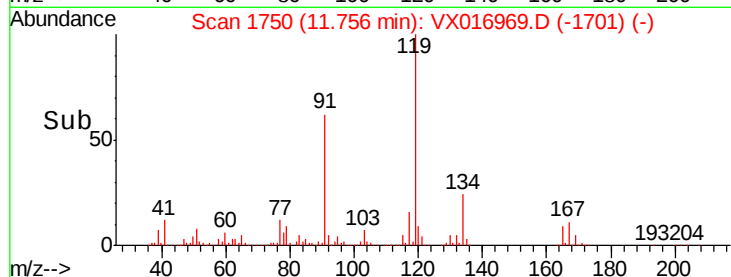
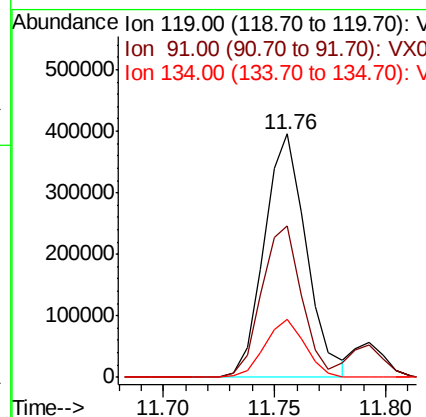
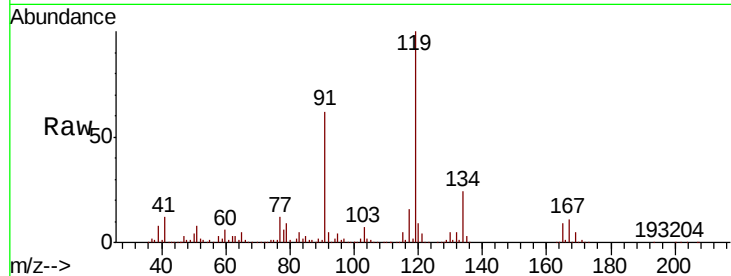
#83
tert-Butylbenzene
Concen: 49.539 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	518274		
91	59.4		30.0	90.0
134	22.8		11.8	35.3

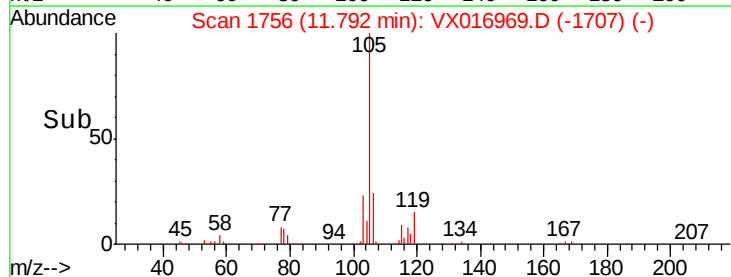
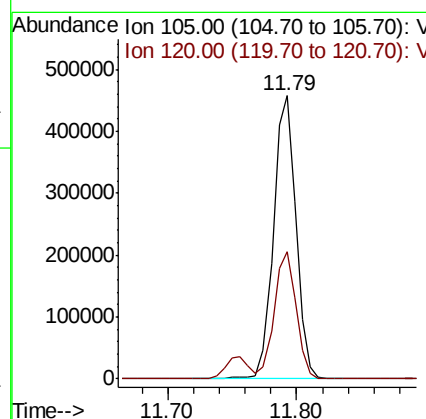
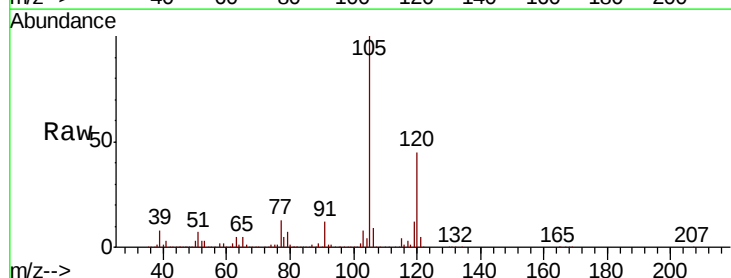
Manual Integrations
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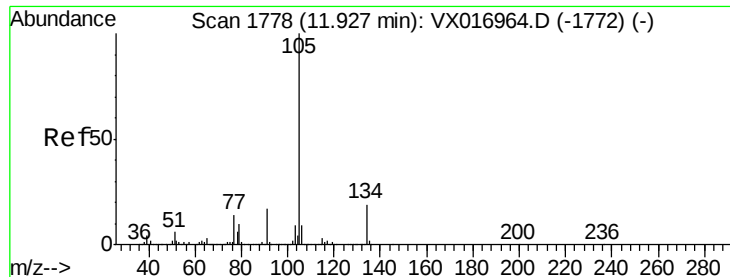
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.168 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555953		
120	44.1		22.4	67.3





#85

sec-Butylbenzene

Concen: 51.049 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 622675

Ion Ratio Lower Upper

105 100

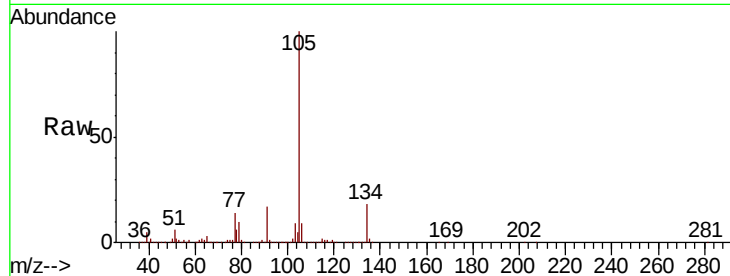
134 19.8 10.1 30.1

Manual Integrations

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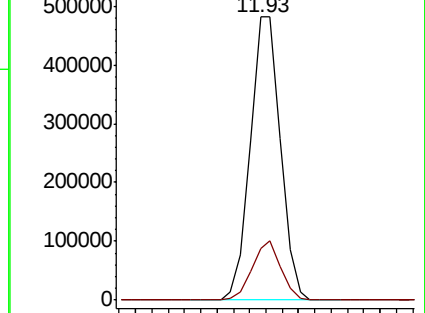
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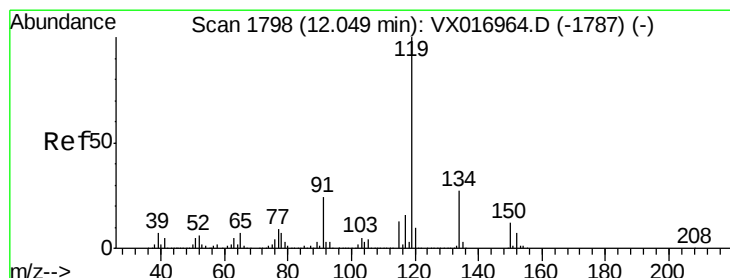
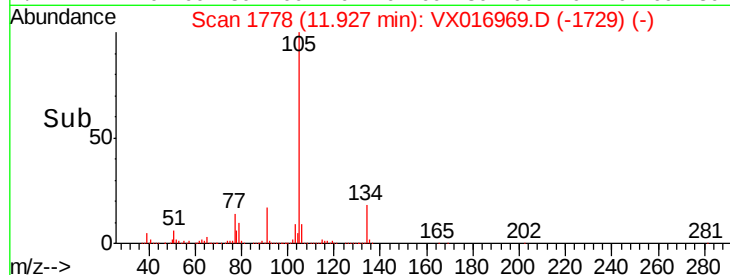


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.602 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

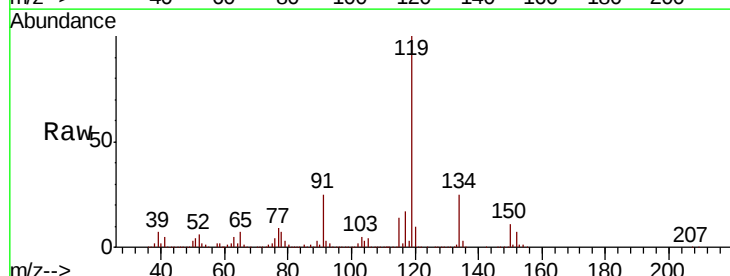
Tgt Ion:119 Resp: 575089

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

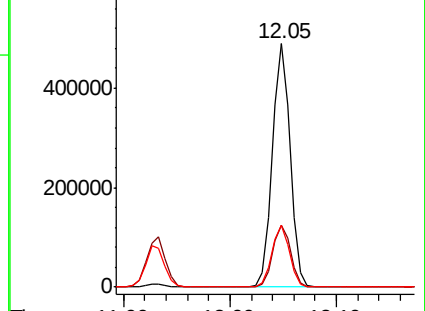
91 25.1 12.4 37.4



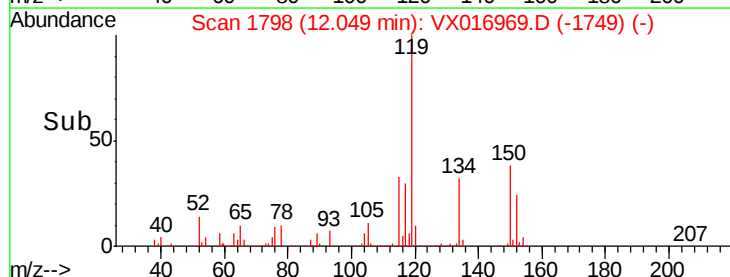
Abundance Ion 119.00 (118.70 to 119.70): V

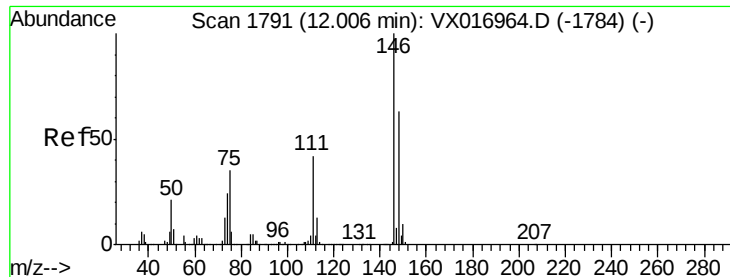
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time--> 11.90 12.00 12.10





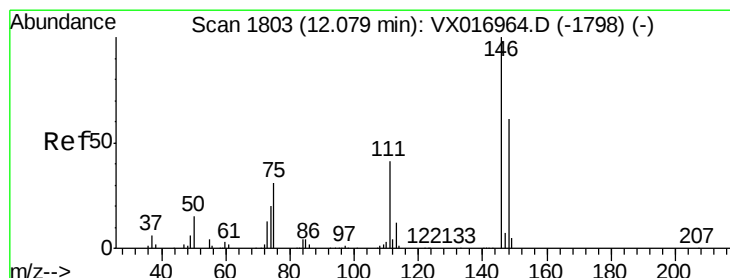
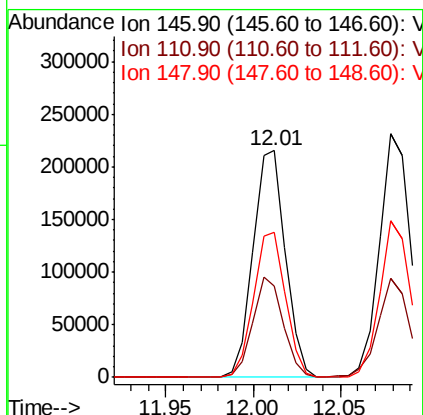
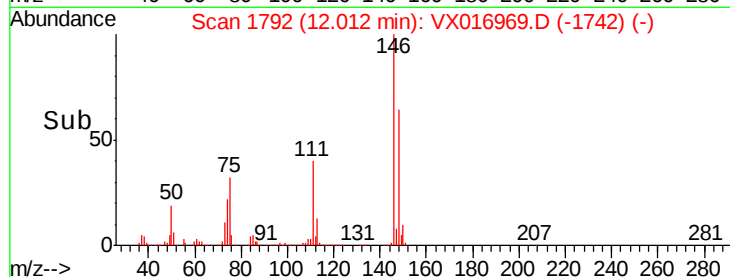
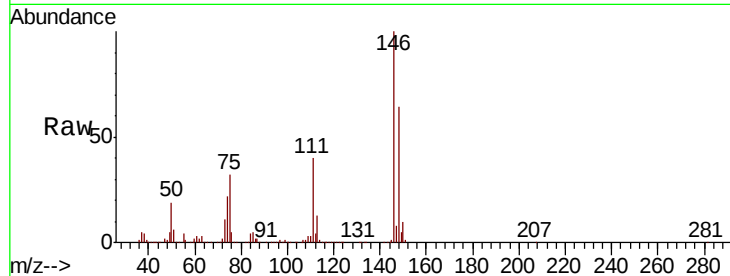
#87
 1,3-Dichlorobenzene
 Concen: 46.071 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.9
148	63.4	32.1	96.3

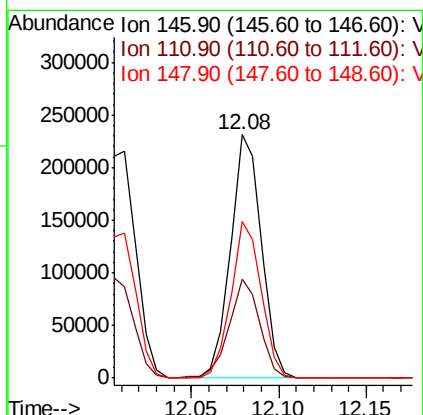
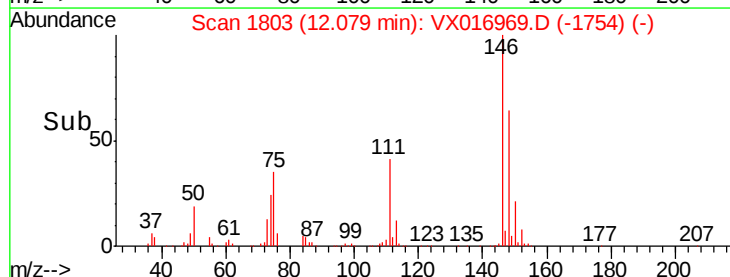
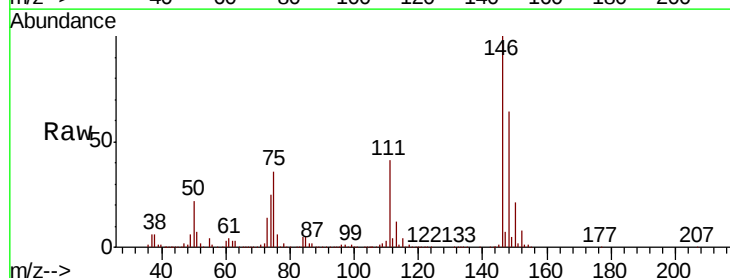
Manual Integrations
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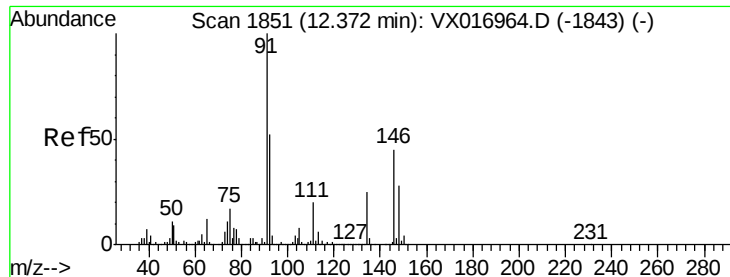
MMDadoda
 6/29/2020 12:32:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 45.913 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	63.5	31.3	93.9





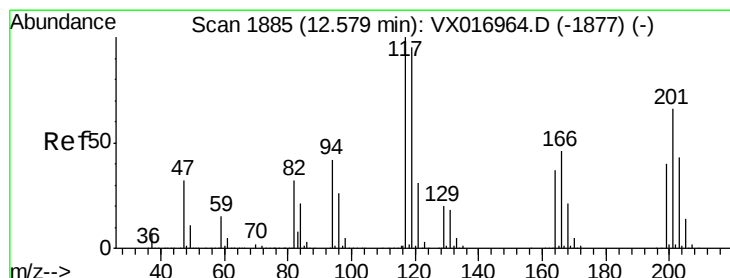
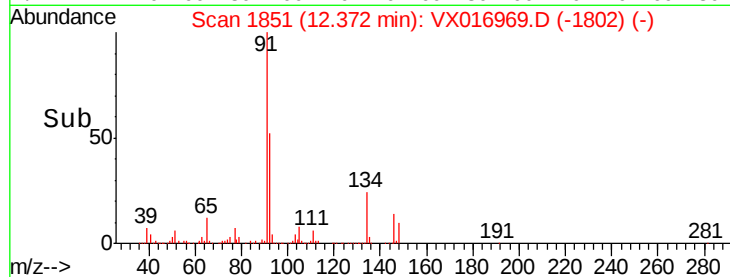
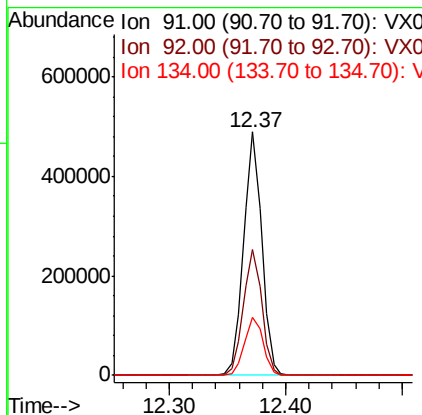
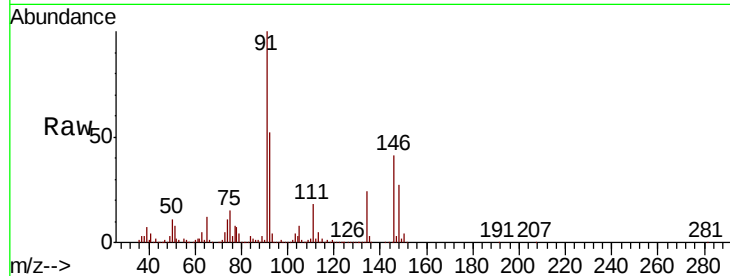
#89
n-Butylbenzene
Concen: 51.003 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	24.5	12.6	37.8

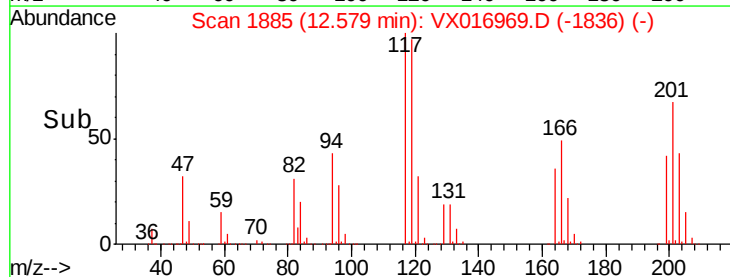
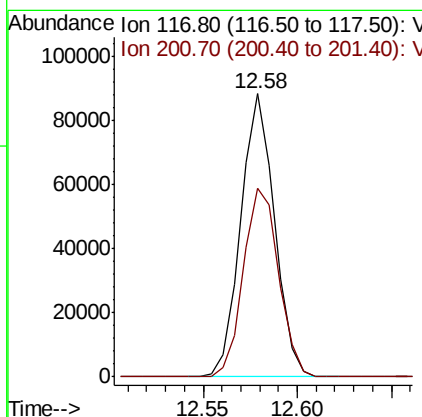
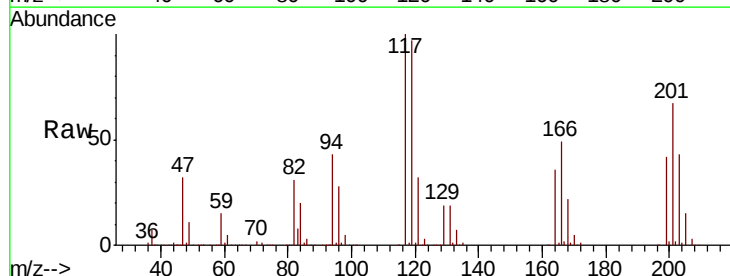
Manual Integrations
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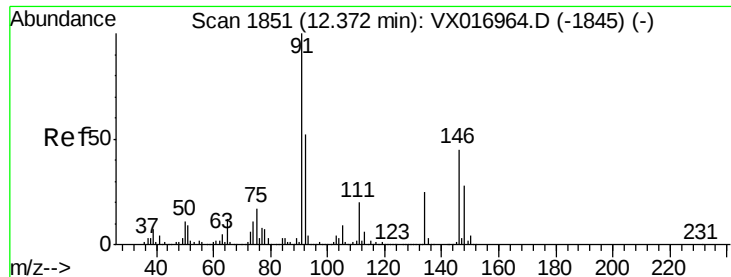
MMDadoda
6/29/2020 12:32:34 PM



#90
Hexachloroethane
Concen: 47.505 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 46.625 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

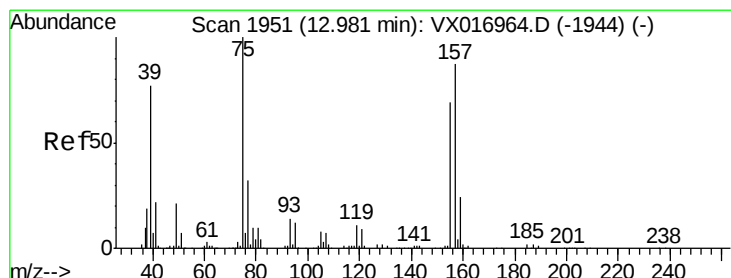
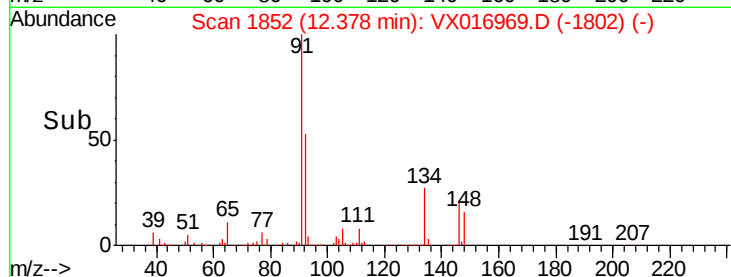
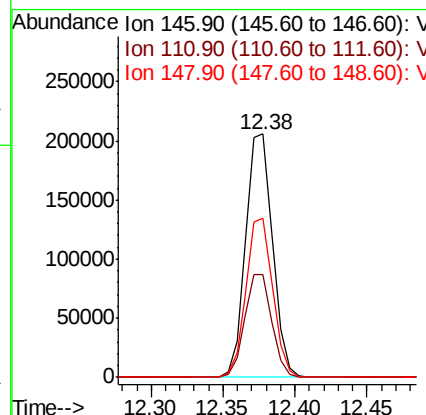
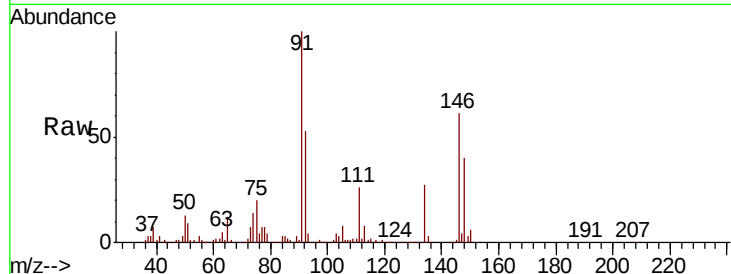
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	265834
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.6	64.6
148	64.9	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.584 ug/l

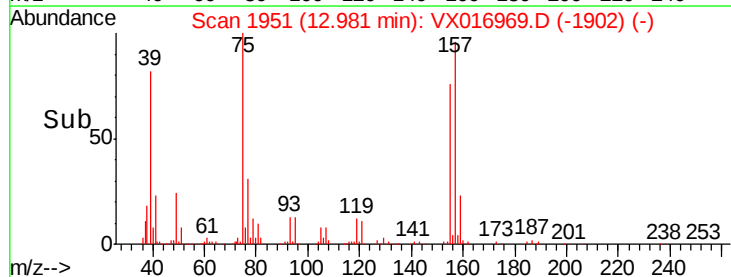
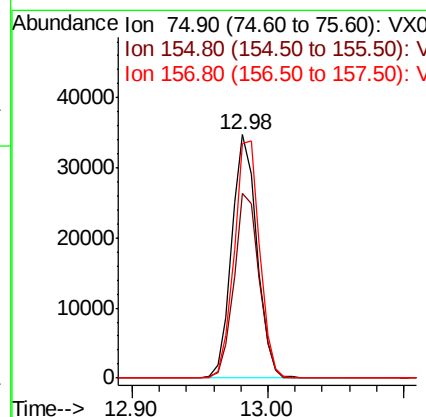
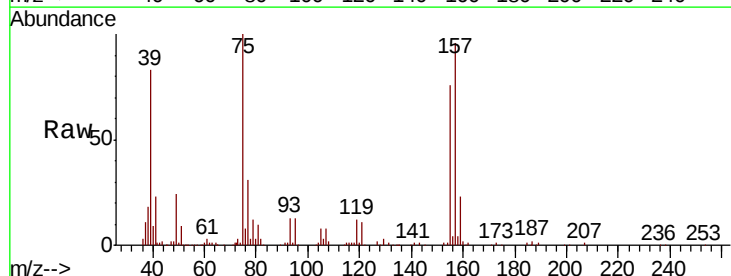
RT: 12.98 min Scan# 1951

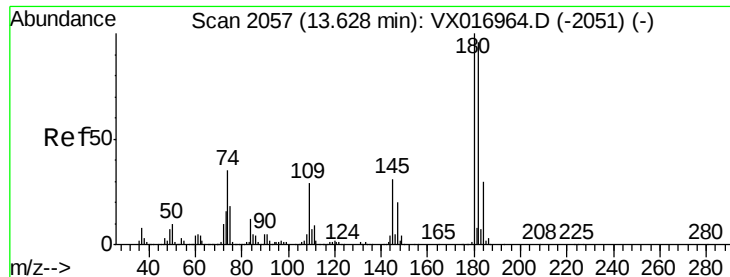
Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion:	75	Resp:	44369
Ion Ratio	Lower	Upper	
75	100		
155	76.1	39.0	117.0
157	99.1	50.0	150.1





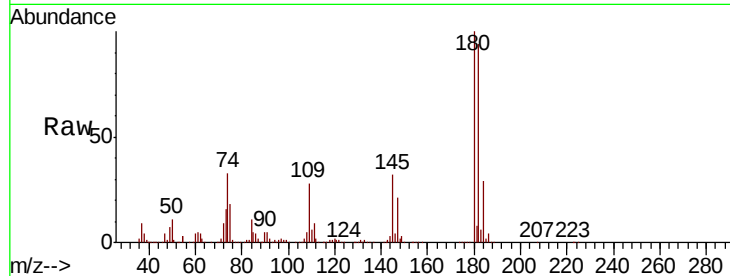
#93
 1,2,4-Trichlorobenzene
 Concen: 47.011 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

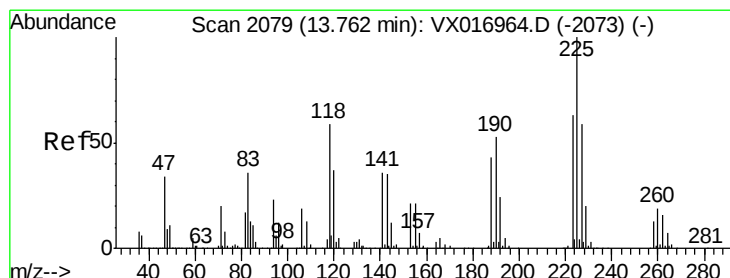
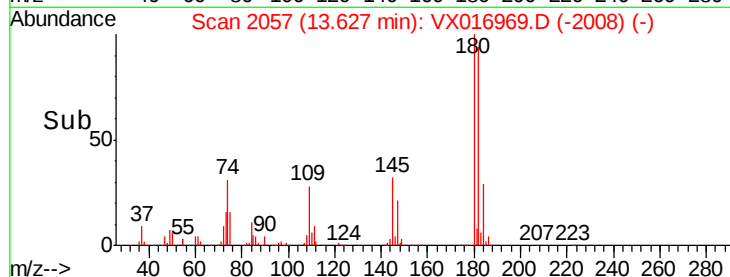
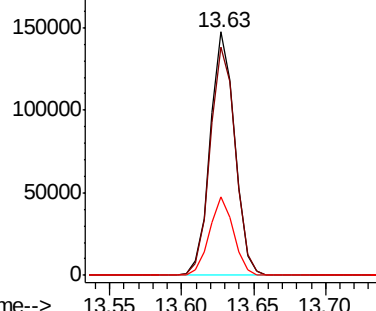
Tot Ion:	180	Resp:	174658
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.4	139.1
145	31.6	15.5	46.5

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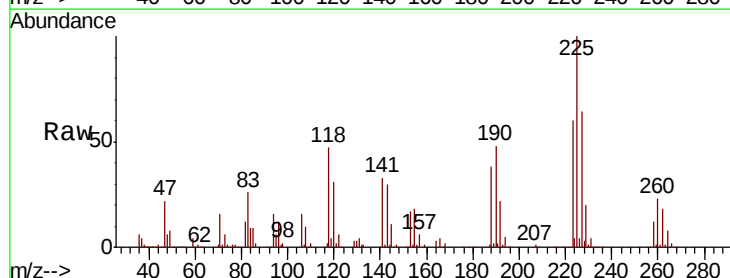


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

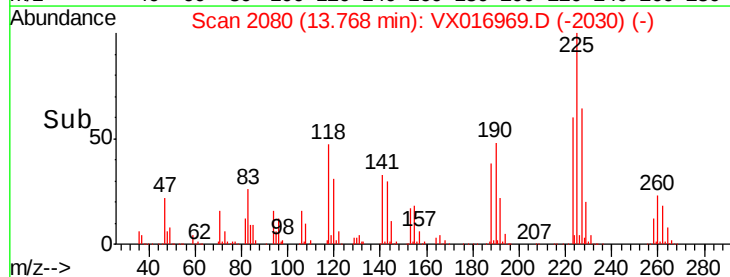
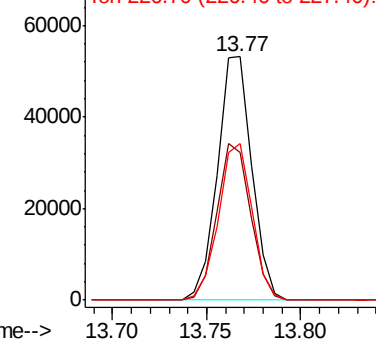


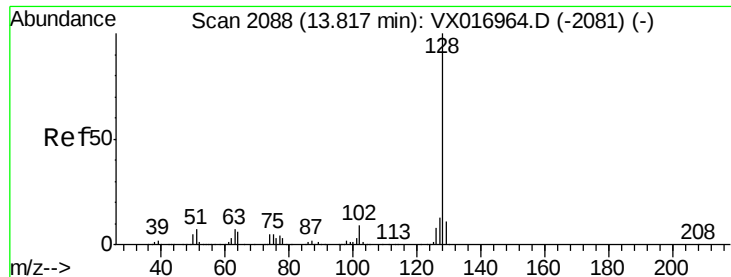
#94
 Hexachlorobutadiene
 Concen: 50.635 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion:	225	Resp:	67587
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.1	93.2
227	62.8	30.3	90.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





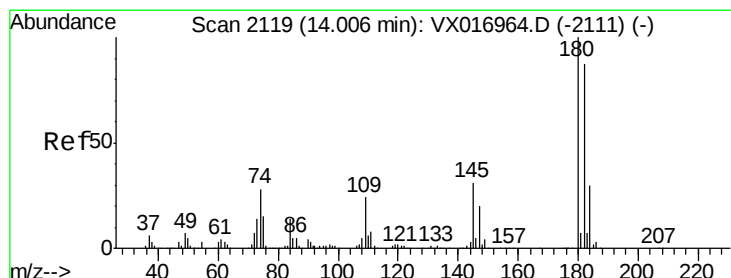
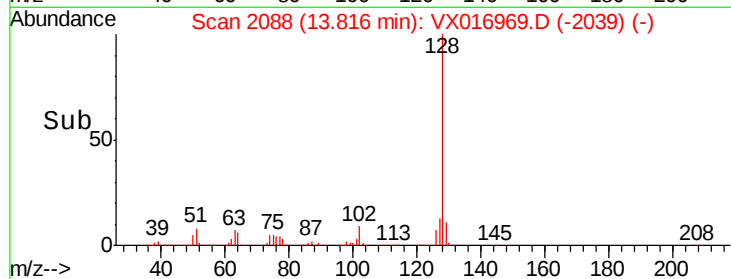
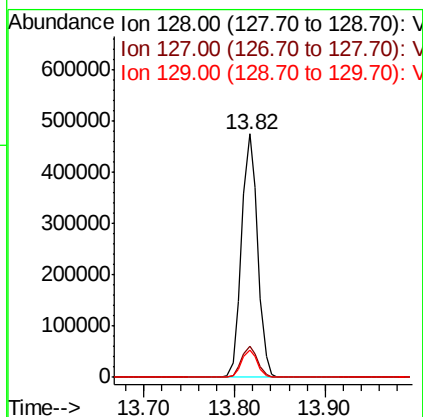
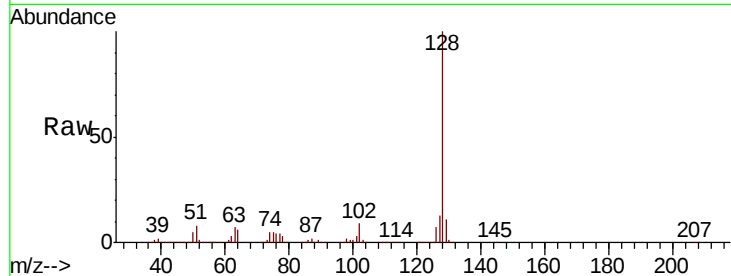
#95
Naphthalene
Concen: 47.461 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 47.882 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.3
145	33.7	16.9	50.6

