

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061620\
 Data File : VX016811.D
 Acq On : 17 Jun 2020 04:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:30:06 AM

Quant Time: Jun 17 07:17:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	530390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175895	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.46	113	146800	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
50) Toluene-d8	8.70	98	564772	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.12	95	213600	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171052	52.342	ug/l	99
3) Chloromethane	1.31	50	159409	50.489	ug/l	99
4) Vinyl Chloride	1.39	62	211970	62.919	ug/l	98
5) Bromomethane	1.62	94	101832	48.671	ug/l	95
6) Chloroethane	1.70	64	124128	59.814	ug/l	95
7) Trichlorofluoromethane	1.91	101	274771	56.629	ug/l	100
8) Diethyl Ether	2.17	74	108697	54.858	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	143835	58.266	ug/l	98
10) Methyl Iodide	2.49	142	152443	49.407	ug/l	97
11) Tert butyl alcohol	3.01	59	198335	242.675	ug/l	100
12) 1,1-Dichloroethene	2.36	96	156852	55.486	ug/l	98
13) Acrolein	2.27	56	101972	292.632	ug/l	97
14) Allyl chloride	2.70	41	214037	48.411	ug/l	96
15) Acrylonitrile	3.11	53	425124	256.344	ug/l	99
16) Acetone	2.42	43	403948	273.733	ug/l	99
17) Carbon Disulfide	2.55	76	406604	50.223	ug/l	99
18) Methyl Acetate	2.75	43	210008	53.316	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	477464	49.556	ug/l	100
20) Methylene Chloride	2.83	84	154909	48.734	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	146893	48.355	ug/l	98
22) Diisopropyl ether	3.82	45	427839	51.518	ug/l	98
23) Vinyl Acetate	3.78	43	1826825	254.504	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256738	49.428	ug/l	100
25) 2-Butanone	4.63	43	663071	298.139	ug/l	97
26) 2,2-Dichloropropane	4.55	77	177502	36.906	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	187542	54.014	ug/l	97
28) Bromochloromethane	4.98	49	111460	50.303	ug/l	97
29) Tetrahydrofuran	5.09	42	375577	260.681	ug/l	98
30) Chloroform	5.18	83	267119	48.610	ug/l	98
31) Cyclohexane	5.55	56	220558	52.695	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246939	49.522	ug/l	100
36) 1,1-Dichloropropene	5.77	75	197329	42.100	ug/l	99
37) Ethyl Acetate	4.79	43	226847	44.193	ug/l	99
38) Carbon Tetrachloride	5.76	117	221895	41.684	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261327	48.116	ug/l	97
40) Benzene	6.11	78	607673	42.581	ug/l	99
41) Methacrylonitrile	5.00	41	119661	43.721	ug/l	97
42) 1,2-Dichloroethane	6.16	62	207397	39.818	ug/l	98
43) Isopropyl Acetate	6.42	43	414539	51.528	ug/l	99
44) Trichloroethene	7.19	130	213401	48.342	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172171	49.215	ug/l	99
46) Dibromomethane	7.64	93	117754	46.183	ug/l	100
47) Bromodichloromethane	7.88	83	244948	46.080	ug/l	98
48) Methyl methacrylate	7.74	41	196156	51.444	ug/l	96
49) 1,4-Dioxane	7.71	88	88857	941.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1095239	220.933	ug/l	100
52) Toluene	8.77	92	393135	42.410	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	234749	39.099	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	283309	45.238	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	157170	42.160	ug/l	97
56) Ethyl methacrylate	9.16	69	253469	45.412	ug/l	99
57) 1,3-Dichloropropane	9.35	76	263814	42.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734685	267.705	ug/l	97
59) 2-Hexanone	9.48	43	854053	223.172	ug/l	99
60) Dibromochloromethane	9.57	129	184825	41.950	ug/l	100
61) 1,2-Dibromoethane	9.65	107	172372	42.427	ug/l	99
64) Tetrachloroethene	9.32	164	213050	52.585	ug/l	98
65) Chlorobenzene	10.12	112	429787	50.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	169413	49.604	ug/l	99
67) Ethyl Benzene	10.24	91	744564	51.445	ug/l	100
68) m/p-Xylenes	10.34	106	571472	104.140	ug/l	99
69) o-Xylene	10.68	106	270121	51.095	ug/l	100
70) Styrene	10.70	104	477520	52.250	ug/l	99
71) Bromoform	10.84	173	148778	51.056	ug/l #	98
73) Isopropylbenzene	11.00	105	732935	45.961	ug/l	100
74) N-amyl acetate	10.88	43	304611	49.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	201166	42.884	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221644m	43.368	ug/l	
77) Bromobenzene	11.24	156	197767	43.923	ug/l	98
78) n-propylbenzene	11.34	91	809301	46.732	ug/l	100
79) 2-Chlorotoluene	11.40	91	493837	45.095	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	624468	46.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78801	38.815	ug/l	95
82) 4-Chlorotoluene	11.49	91	575371	44.887	ug/l	100
83) tert-Butylbenzene	11.76	119	563773	46.091	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	614854	45.468	ug/l	98
85) sec-Butylbenzene	11.93	105	675055	47.181	ug/l	100
86) p-Isopropyltoluene	12.05	119	726639	52.930	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369021	48.478	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	382465	48.450	ug/l	100
89) n-Butylbenzene	12.37	91	605255	53.407	ug/l	99
90) Hexachloroethane	12.58	117	132381	52.292	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	367782	48.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56182	42.828	ug/l	96

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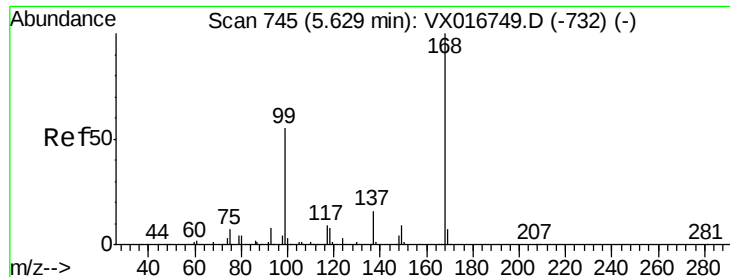
Manual Integrations
APPROVED

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6/17/2020 9:30:06 AM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237638	44.577	ug/l	97
94) Hexachlorobutadiene	13.76	225	99027	42.279	ug/l	97
95) Naphthalene	13.82	128	779168	46.655	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	239864	45.714	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: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 289229

Ion Ratio Lower Upper

168 100

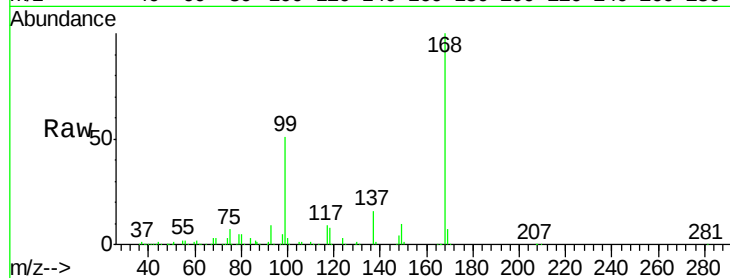
99 51.3 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

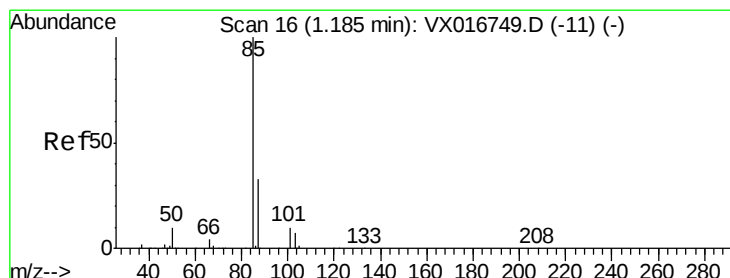
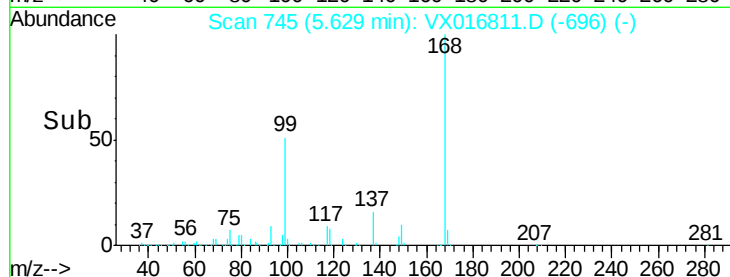
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.342 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016811.D

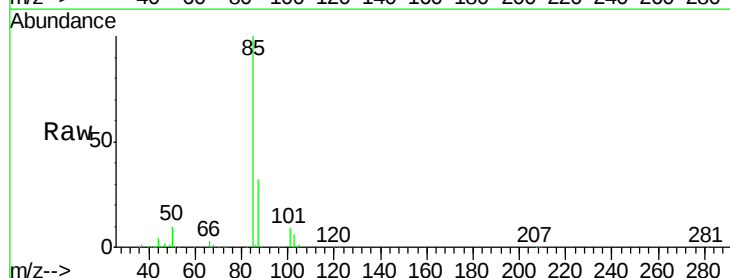
Acq: 17 Jun 2020 04:43

Tgt Ion: 85 Resp: 171052

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

0

1.10

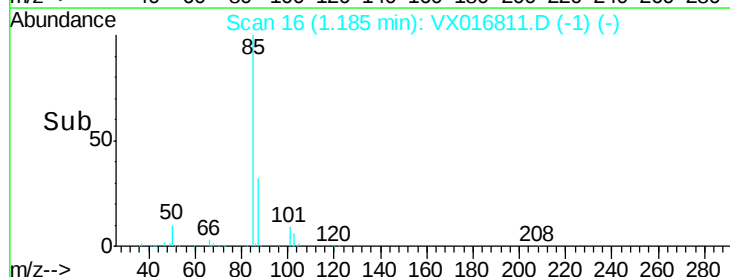
1.15

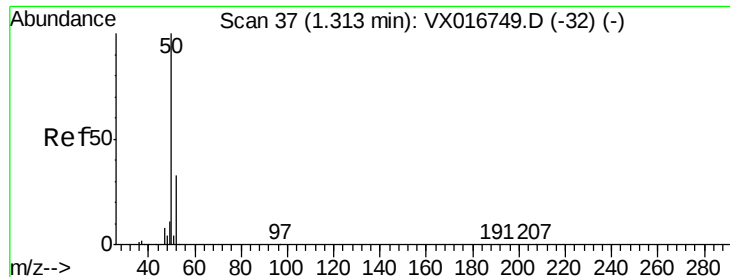
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 50.489 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 159409

Ion Ratio Lower Upper

50 100

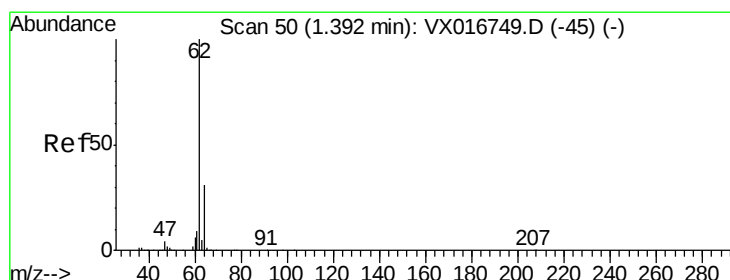
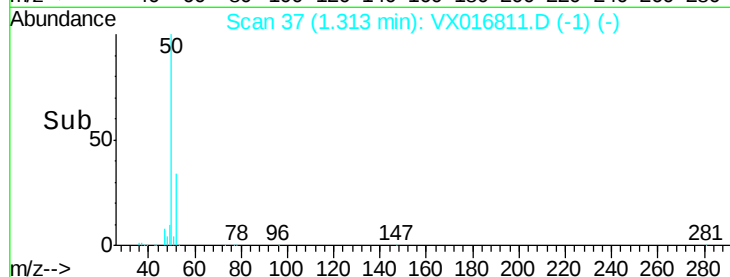
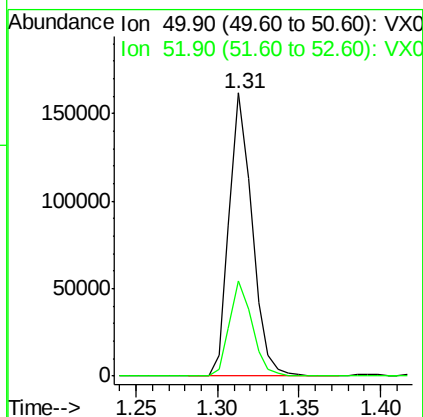
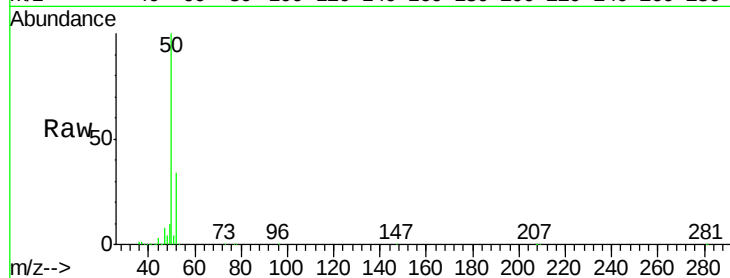
52 33.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 62.919 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016811.D

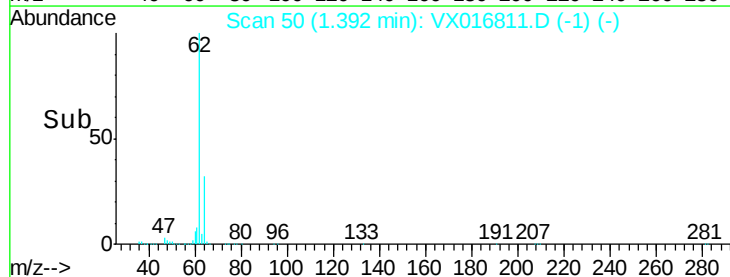
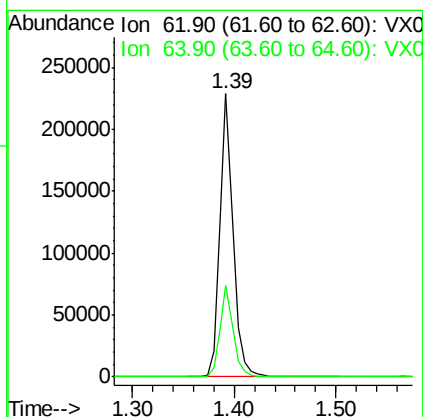
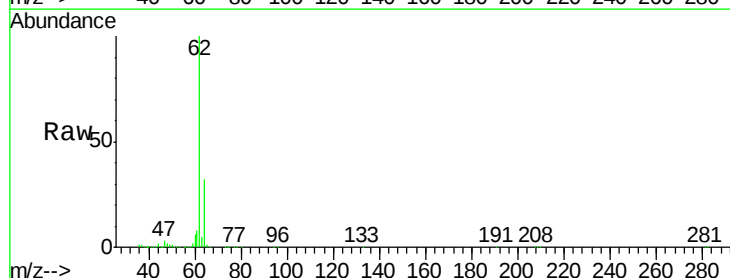
Acq: 17 Jun 2020 04:43

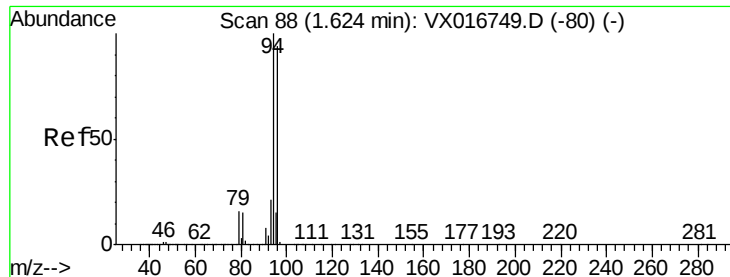
Tgt Ion: 62 Resp: 211970

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 48.671 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 101832

Ion Ratio Lower Upper

94 100

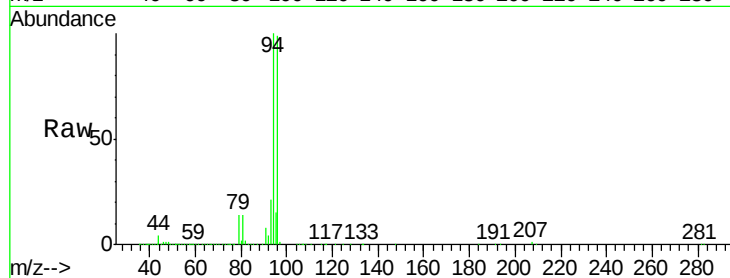
96 98.6 75.4 113.0

Manual Integrations

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6/17/2020 9:30:06 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

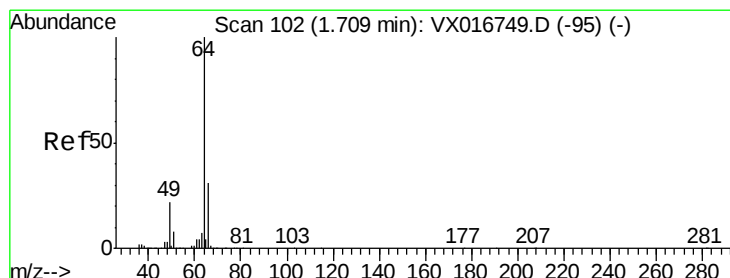
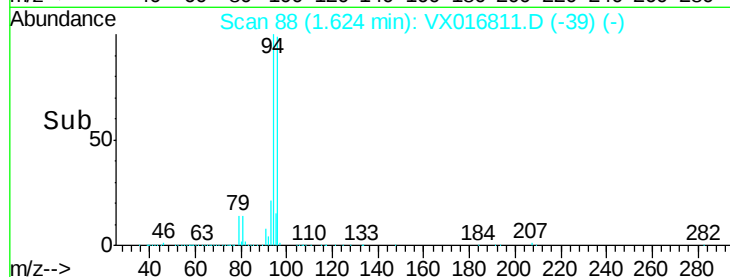
60000

40000

20000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 59.814 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016811.D

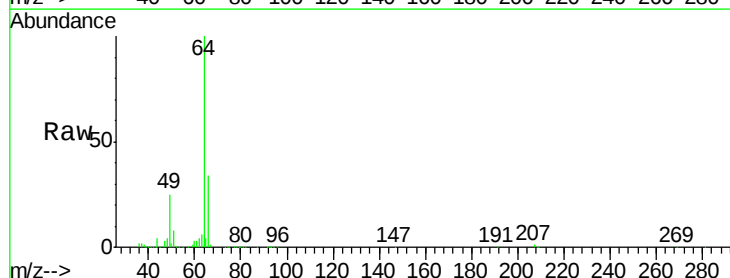
Acq: 17 Jun 2020 04:43

Tgt Ion: 64 Resp: 124128

Ion Ratio Lower Upper

64 100

66 34.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

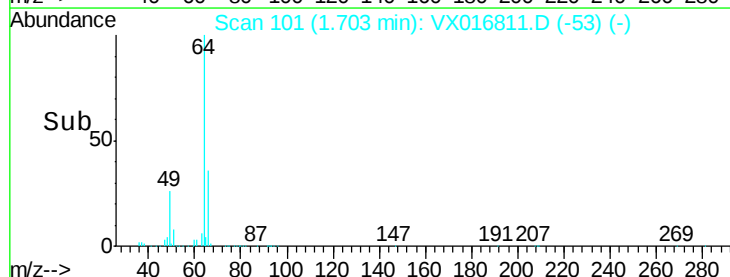
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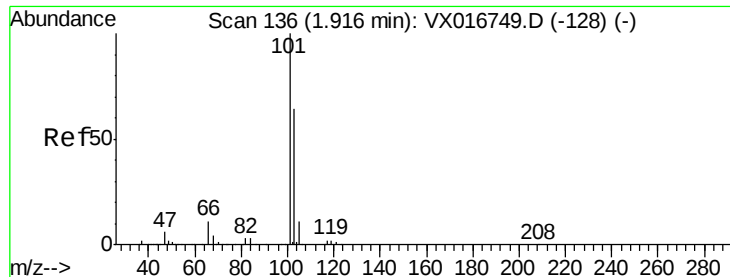
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80





#7

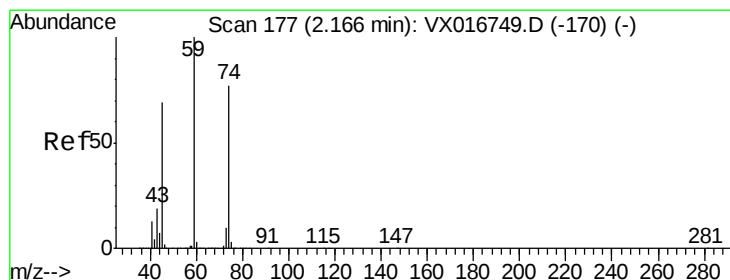
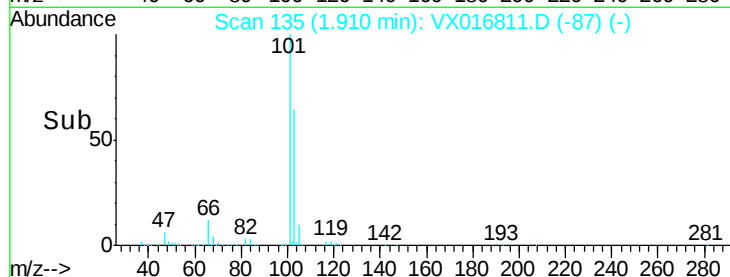
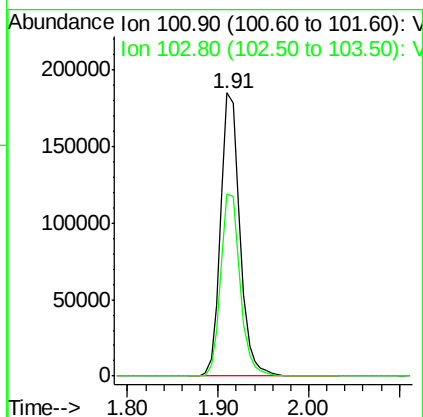
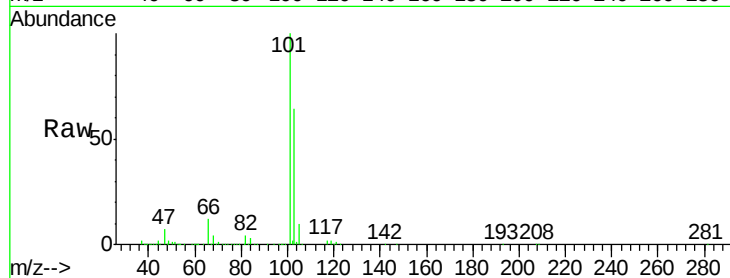
Trichlorofluoromethane
Concen: 56.629 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.3	76.9

Manual Integrations
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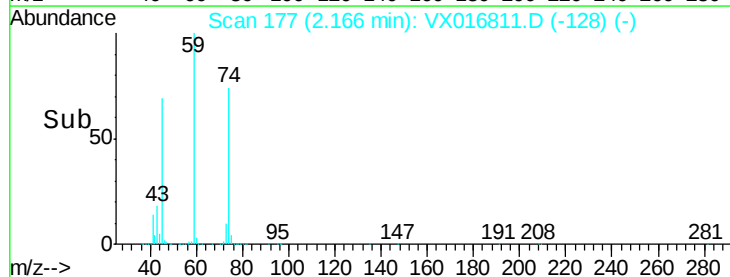
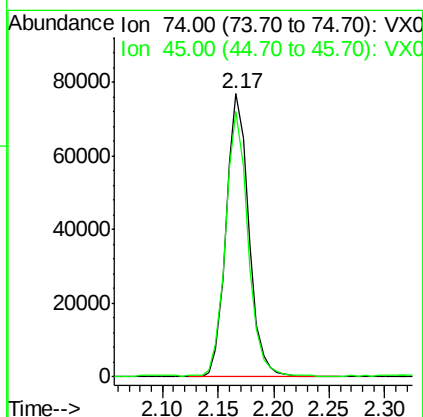
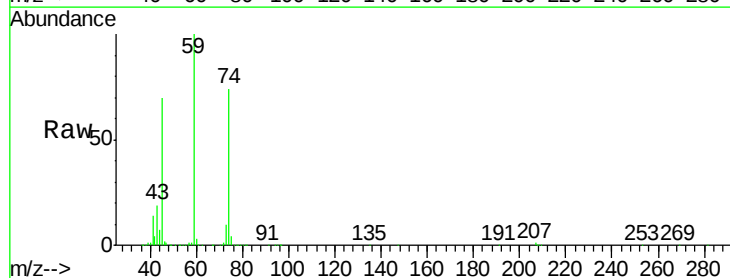
MMDadoda
6/17/2020 9:30:06 AM

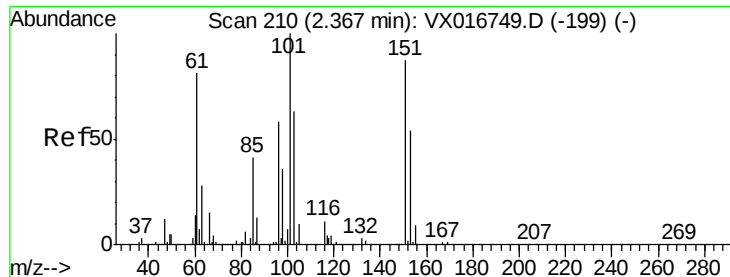


#8

Diethyl Ether
Concen: 54.858 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.266 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

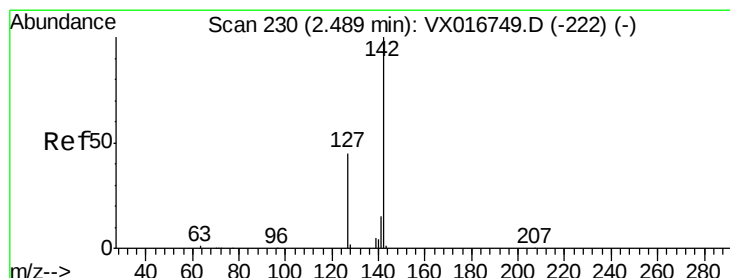
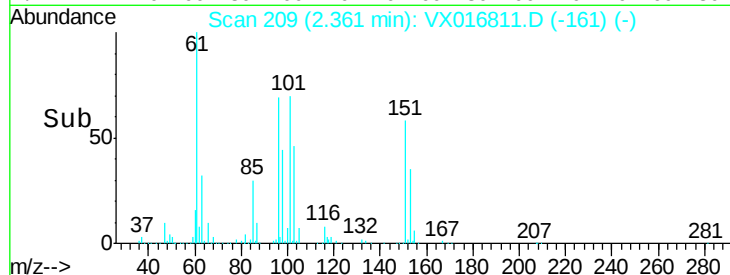
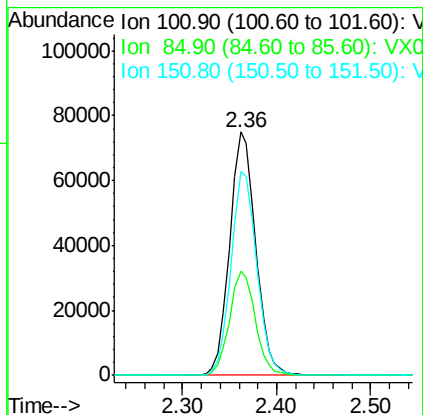
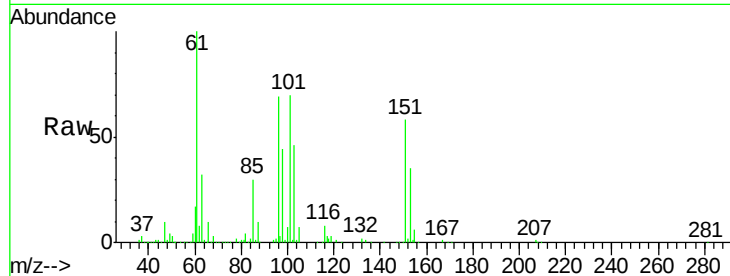
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	143835
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.0	51.0
151	83.3	68.7	103.1

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#10

Methyl Iodide

Concen: 49.407 ug/l

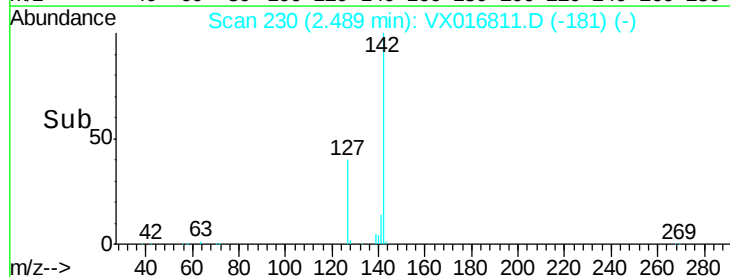
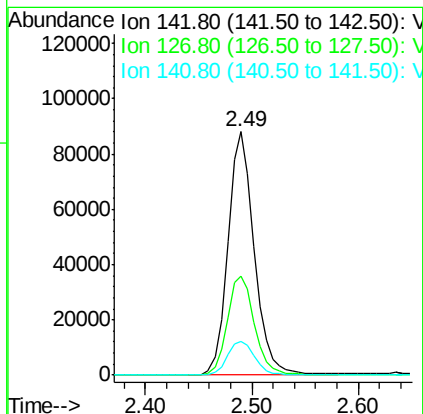
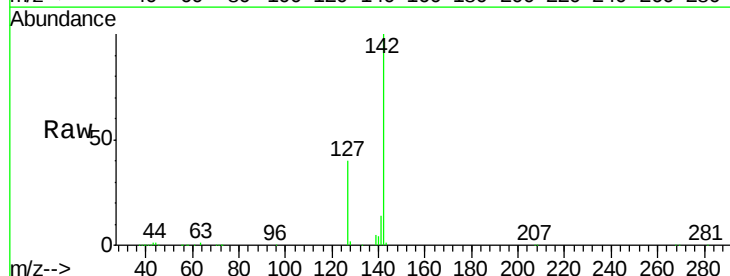
RT: 2.49 min Scan# 230

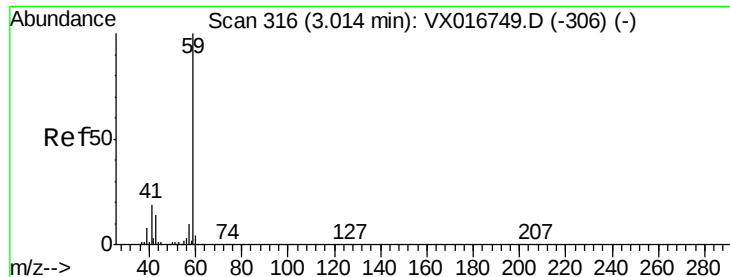
Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion:	142	Resp:	152443
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.4	53.2
141	14.7	11.7	17.5





#11

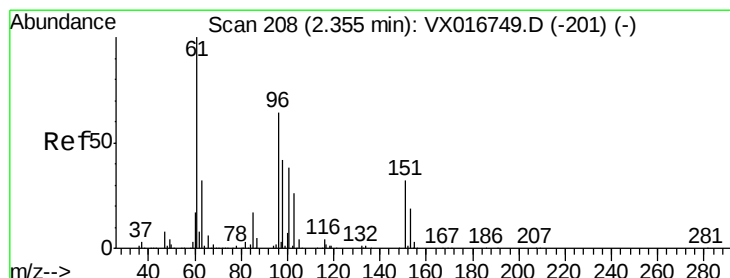
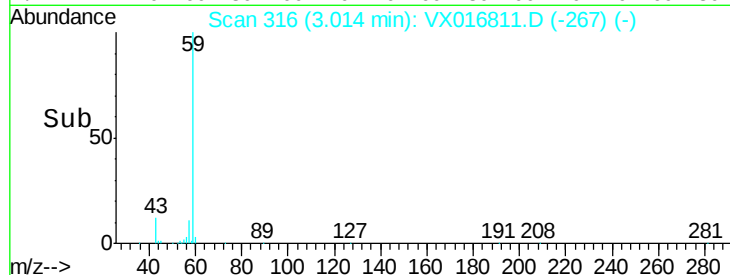
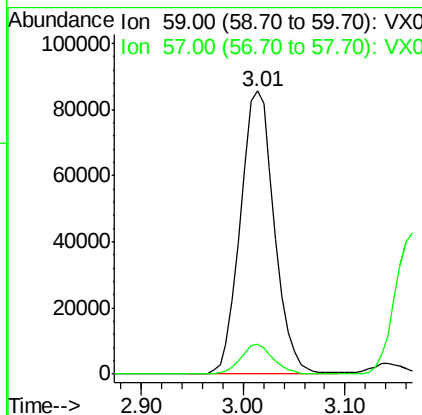
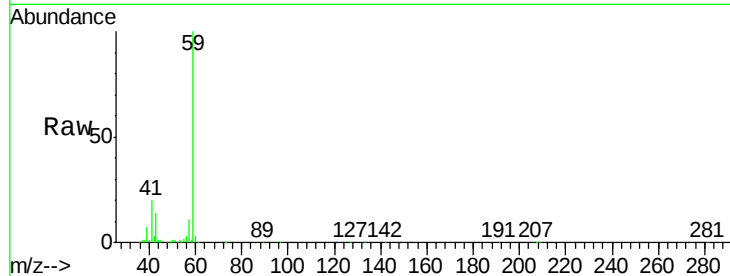
Tert butyl alcohol
 Concen: 242.675 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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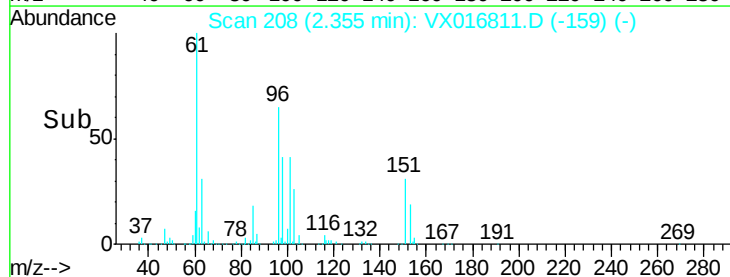
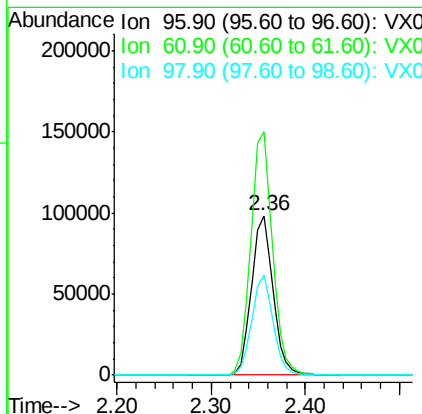
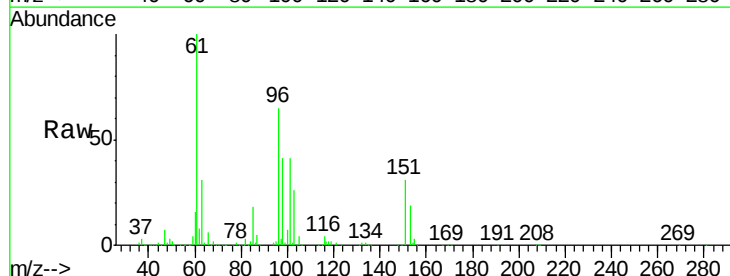
MMDadoda
 6/17/2020 9:30:06 AM

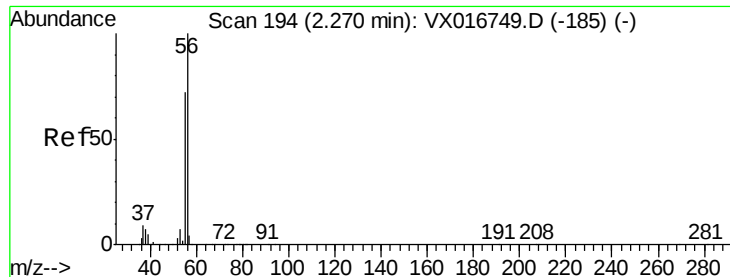


#12

1,1-Dichloroethene
 Concen: 55.486 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	124.1	186.1
98	63.3	52.7	79.1





#13

Acrolein

Concen: 292.632 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 101972

Ion Ratio Lower Upper

56 100

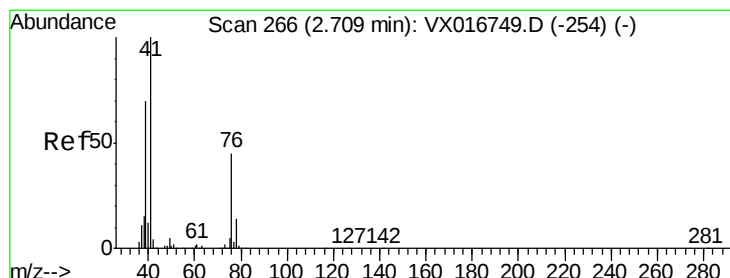
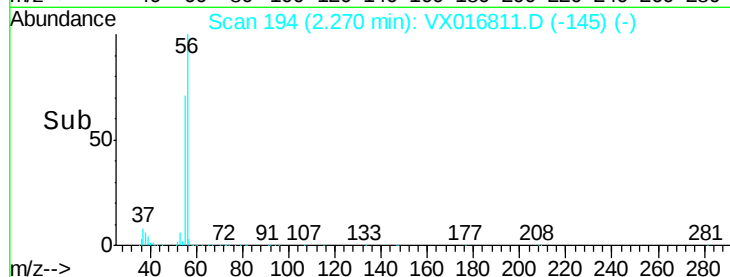
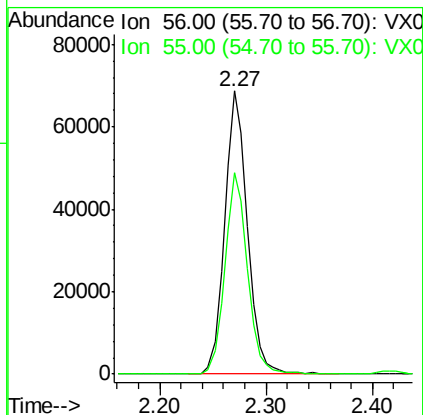
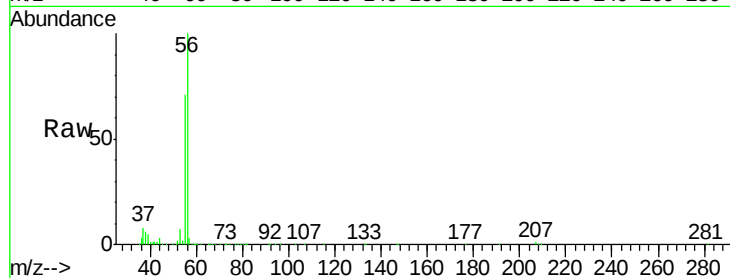
55 70.3 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.411 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

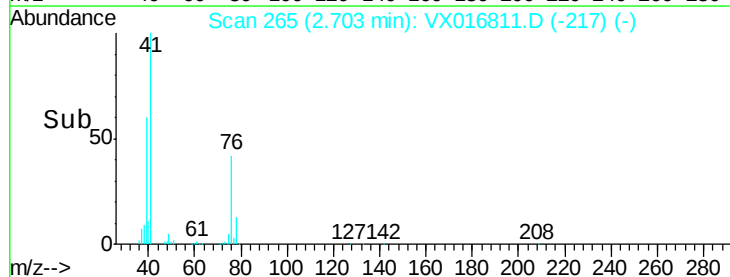
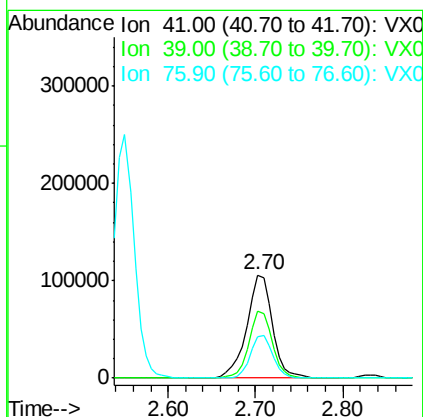
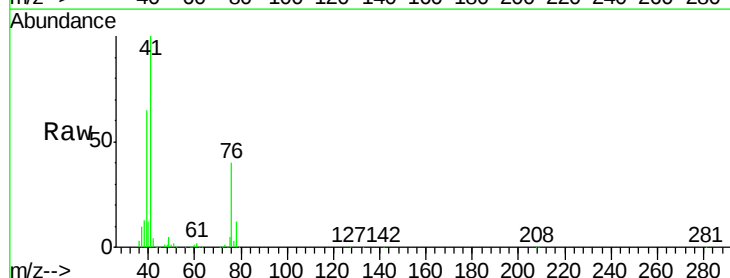
Tgt Ion: 41 Resp: 214037

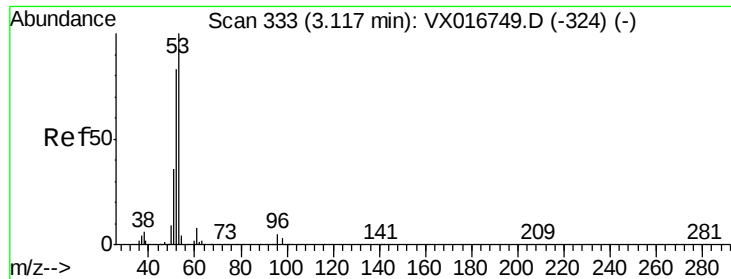
Ion Ratio Lower Upper

41 100

39 59.5 50.2 75.4

76 36.6 30.4 45.6





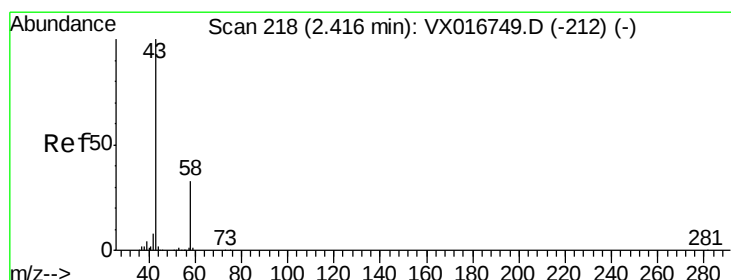
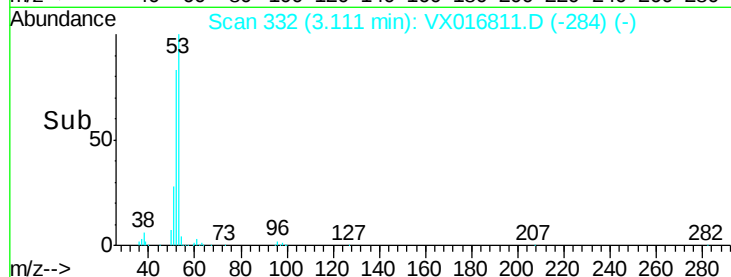
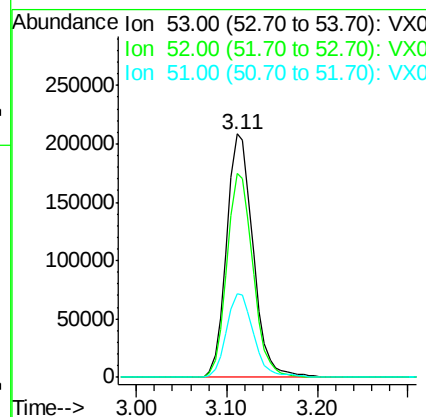
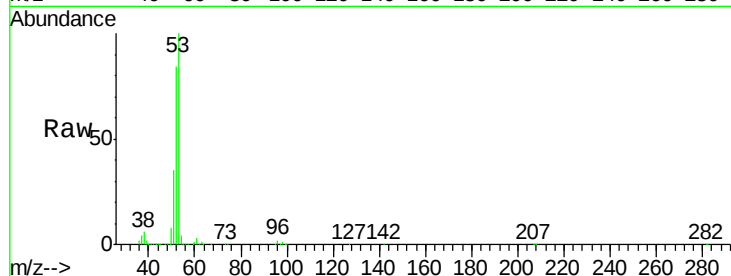
#15
 Acrylonitrile
 Concen: 256.344 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	425124
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.4	28.6	42.8

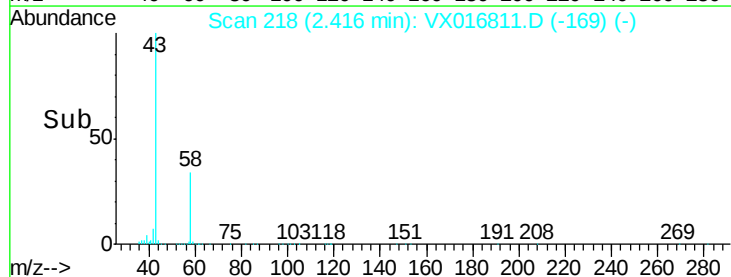
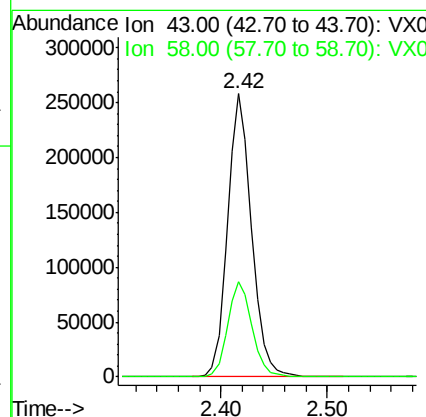
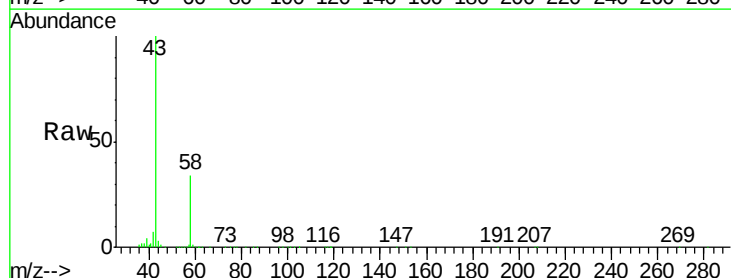
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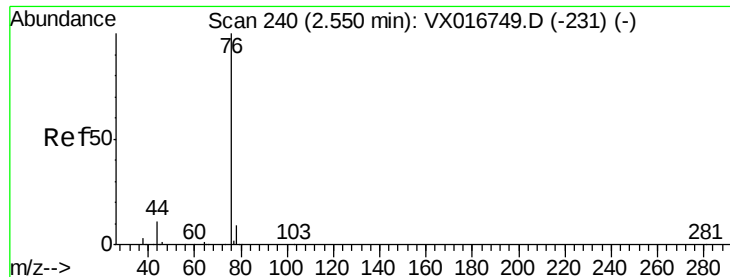
MMDadoda
 6/17/2020 9:30:06 AM



#16
 Acetone
 Concen: 273.733 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion:	43	Resp:	403948
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.3	39.5





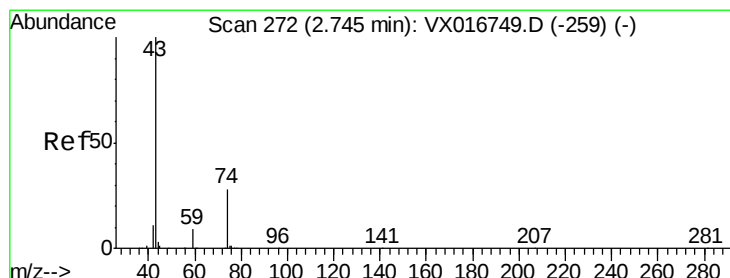
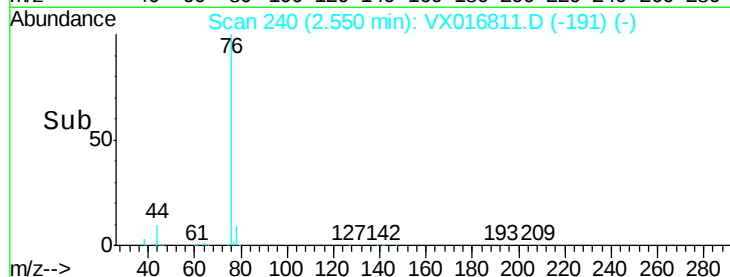
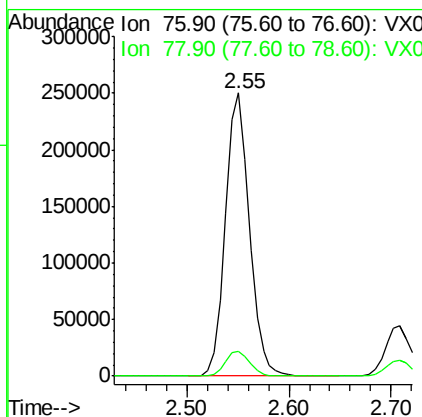
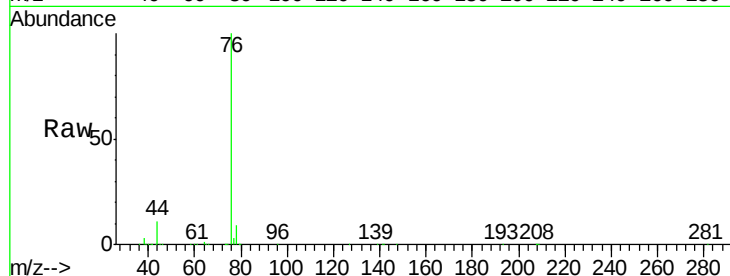
#17
Carbon Disulfide
Concen: 50.223 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.6	7.3	10.9	

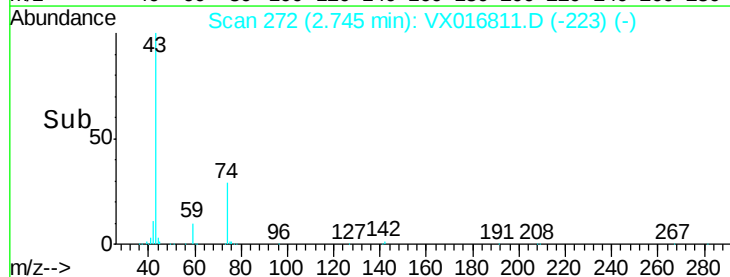
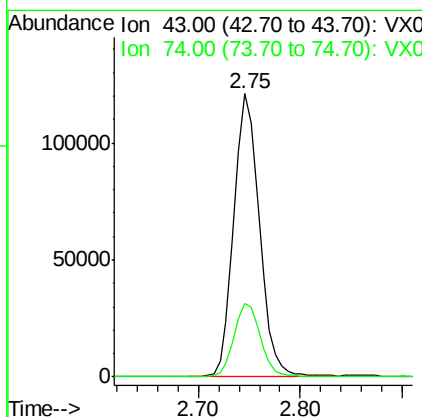
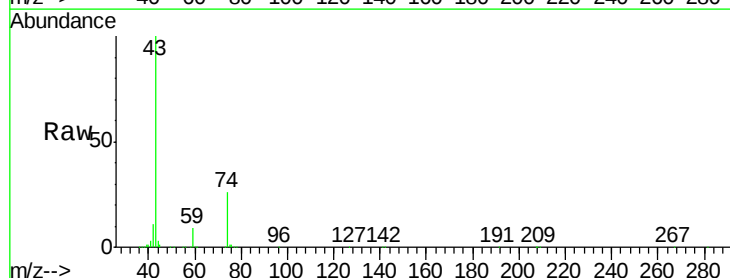
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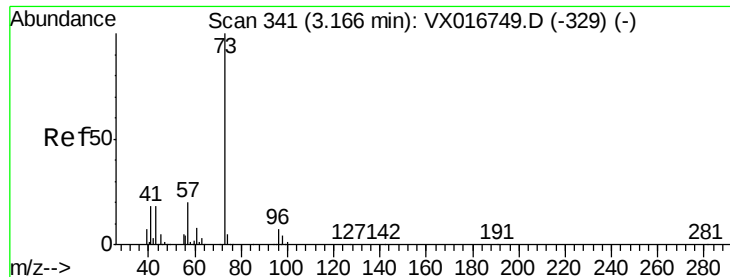
MMDadoda
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#18
Methyl Acetate
Concen: 53.316 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	26.9	22.4	33.6	





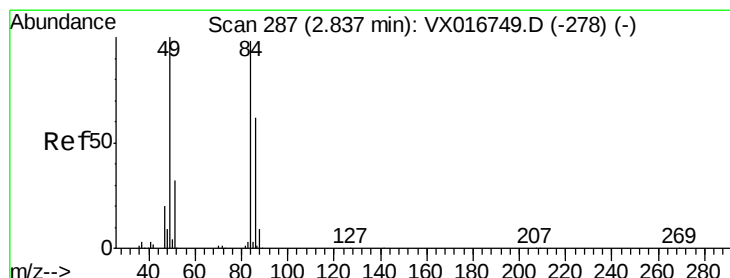
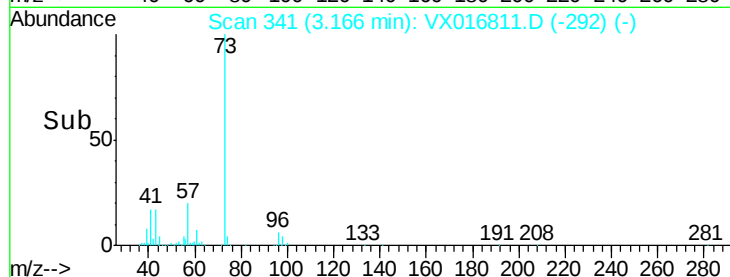
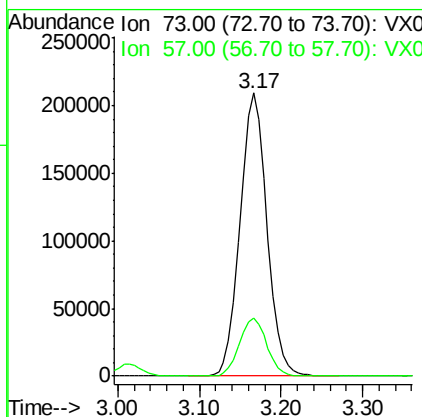
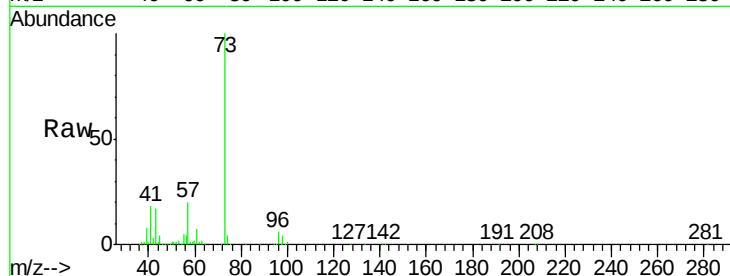
#19
Methvl tert-butvl Ether
Concen: 49.556 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 477464
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4

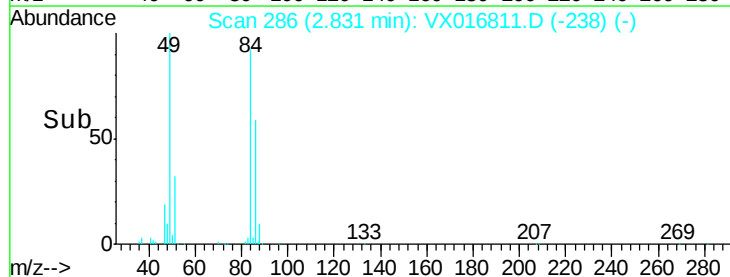
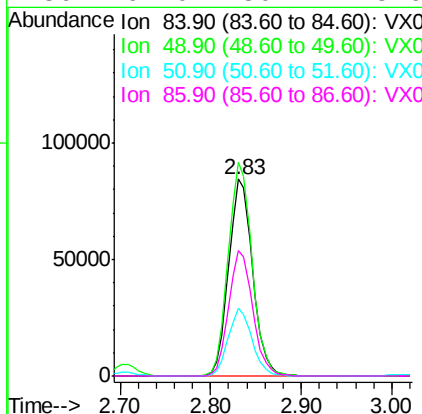
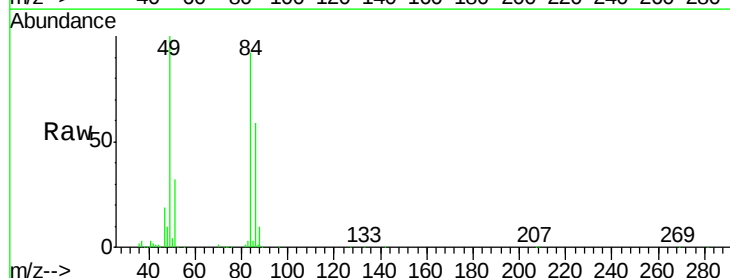
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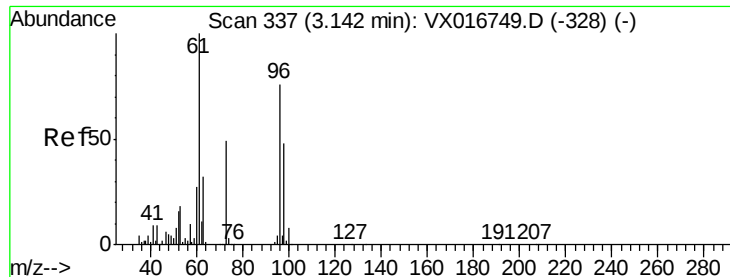
MMDadoda
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#20
Methylene Chloride
Concen: 48.734 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion: 84 Resp: 154909
Ion Ratio Lower Upper
84 100
49 108.6 81.8 122.8
51 34.4 25.8 38.8
86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 48.355 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 146893

Ion Ratio Lower Upper

96 100

61 129.6 105.4 158.2

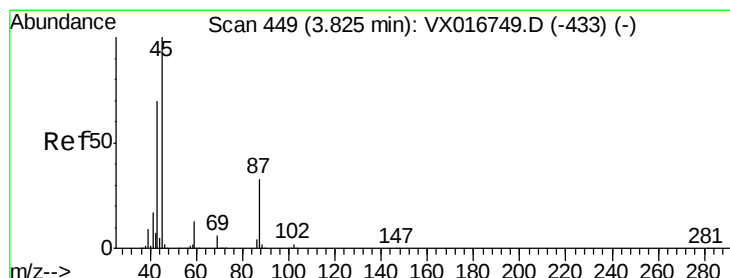
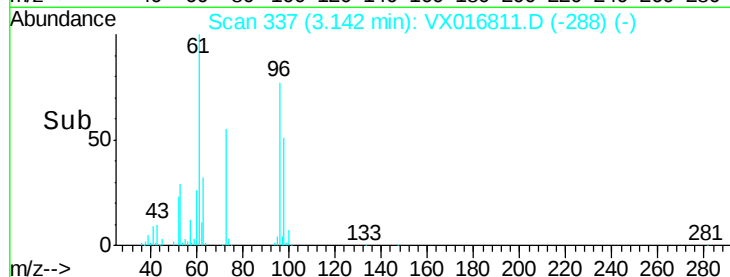
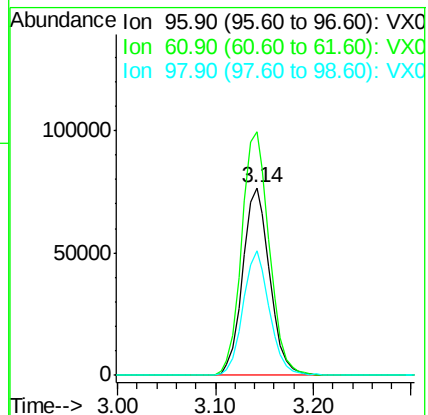
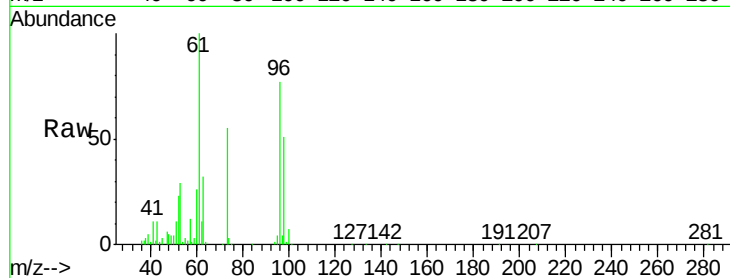
98 66.2 50.8 76.2

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#22

Diisopropyl ether

Concen: 51.518 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion: 45 Resp: 427839

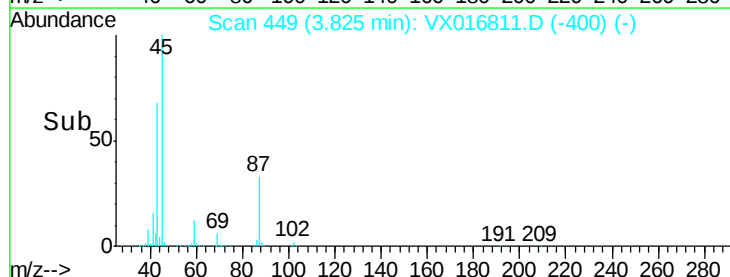
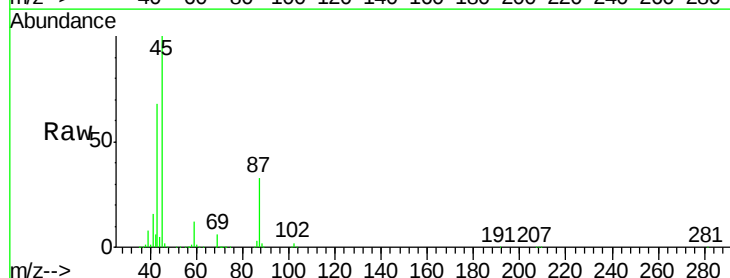
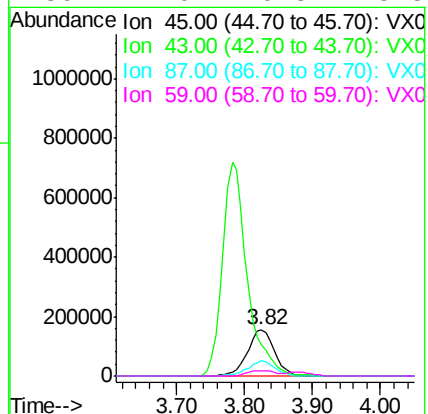
Ion Ratio Lower Upper

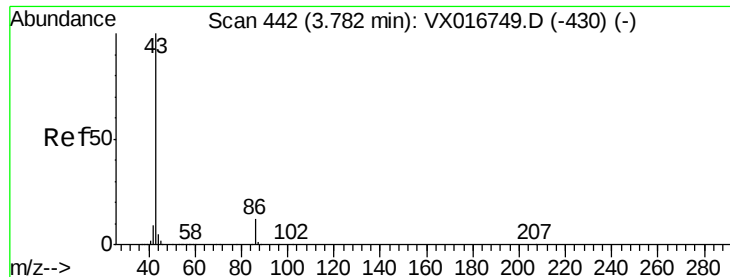
45 100

43 68.1 56.2 84.4

87 32.6 26.2 39.4

59 12.0 10.3 15.5





#23

Vinyl Acetate

Concen: 254.504 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1826825

Ion Ratio Lower Upper

43 100

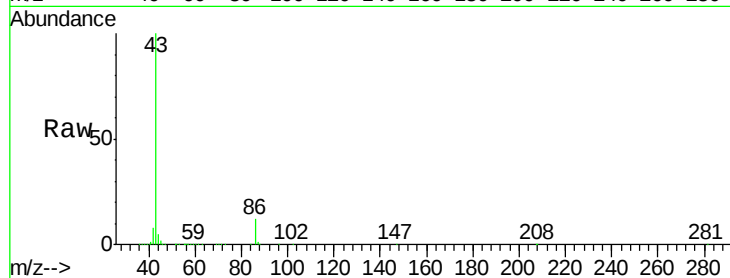
86 12.1 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

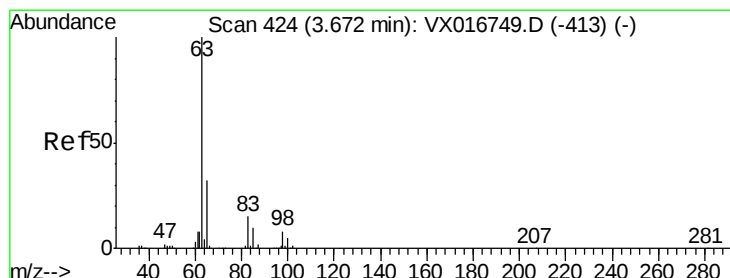
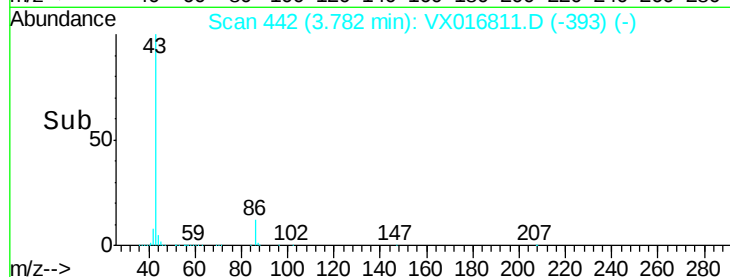
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.428 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

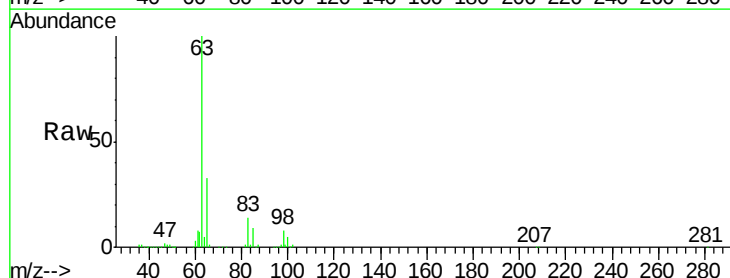
Tgt Ion: 63 Resp: 256738

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.7 2.3 6.9



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

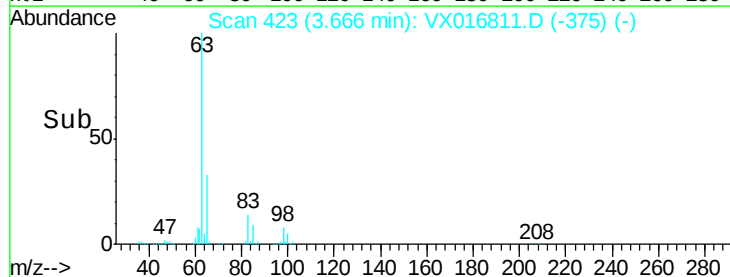
3.67

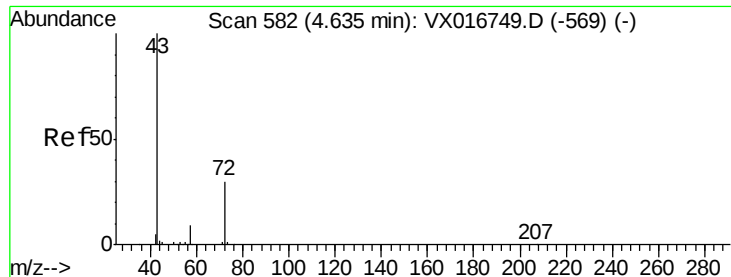
100000

50000

0

Time-->





#25

2-Butanone

Concen: 298.139 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 663071

Ion Ratio Lower Upper

43 100

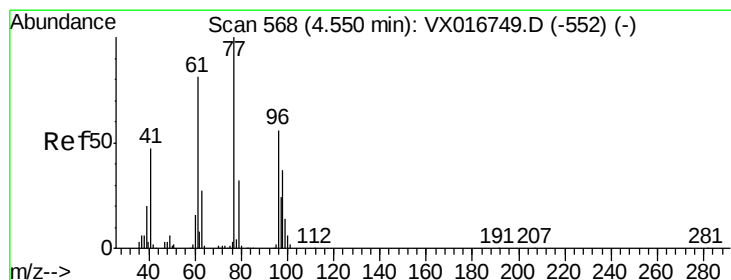
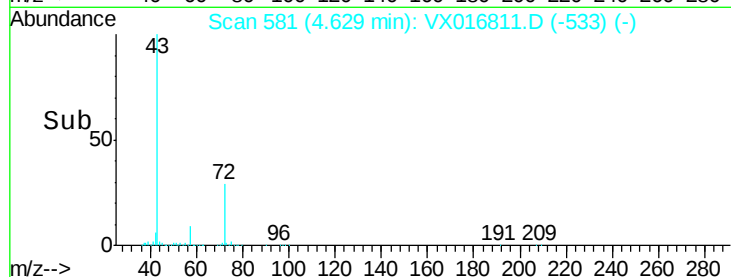
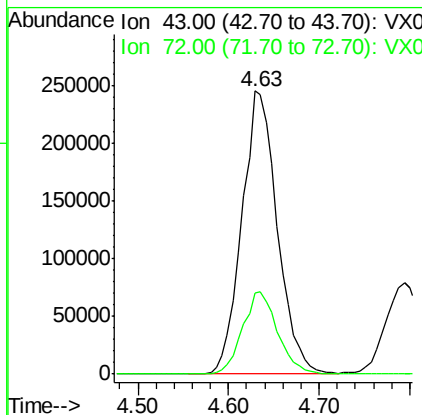
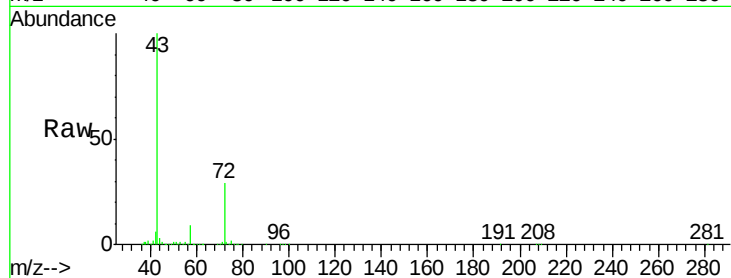
72 28.6 24.2 36.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 36.906 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016811.D

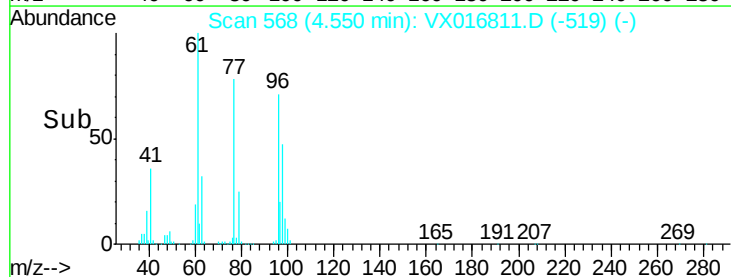
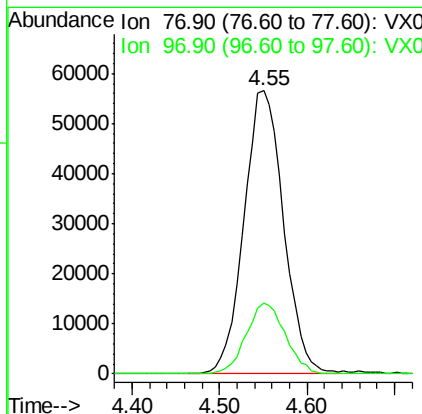
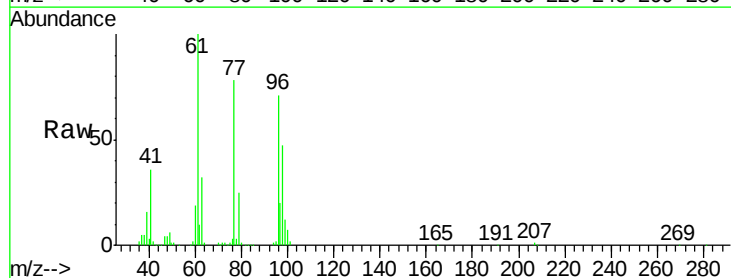
Acq: 17 Jun 2020 04:43

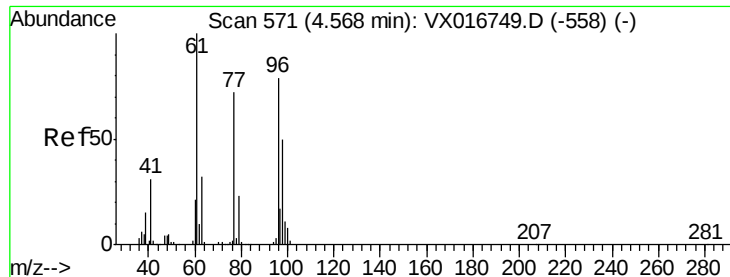
Tgt Ion: 77 Resp: 177502

Ion Ratio Lower Upper

77 100

97 24.9 11.5 34.4





#27

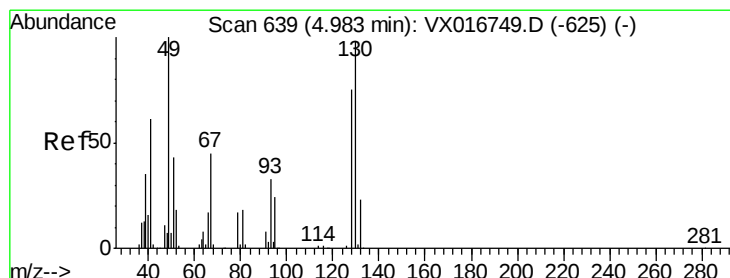
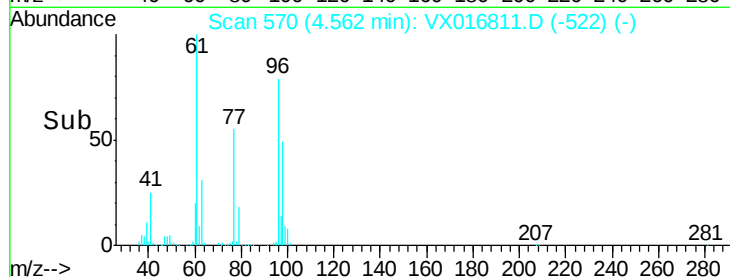
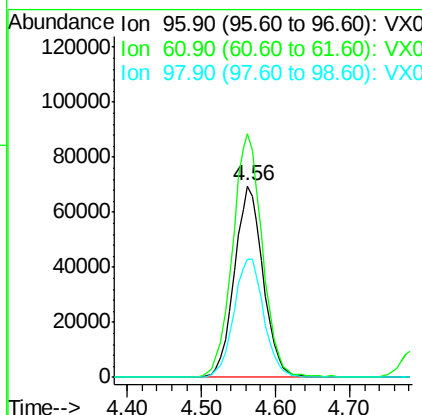
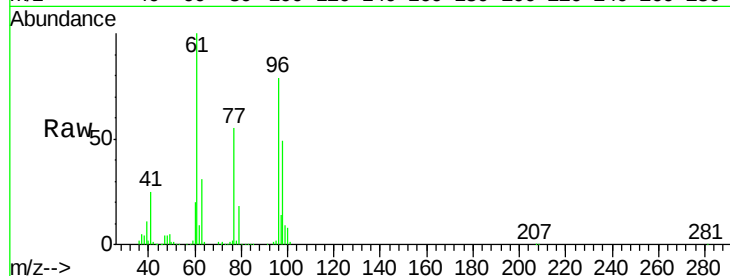
cis-1,2-Dichloroethene
Concen: 54.014 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187542		
61	132.2	0.0	276.2	
98	64.8	0.0	130.0	

Manual Integrations
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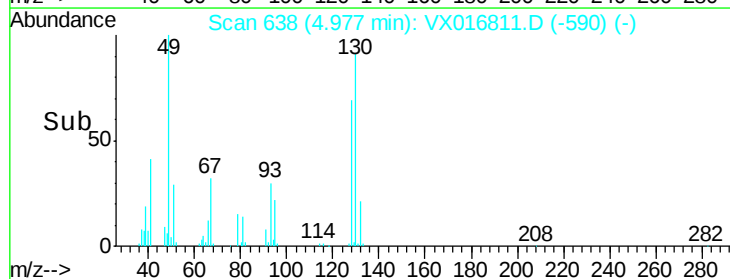
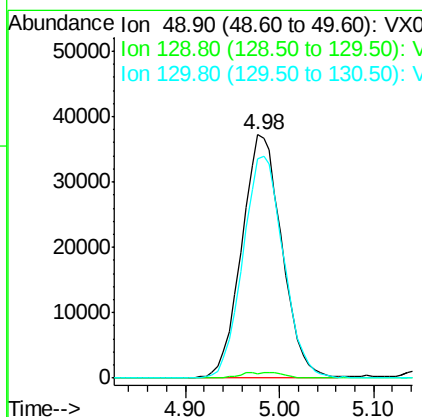
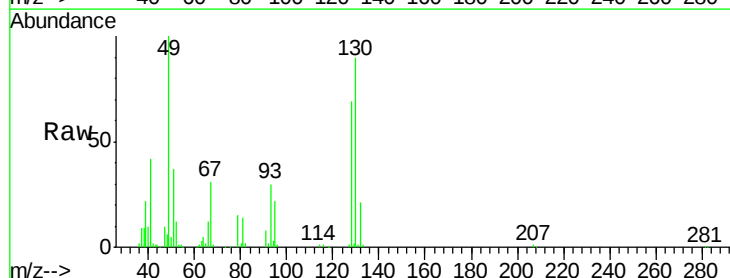
MMDadoda
6/17/2020 9:30:06 AM

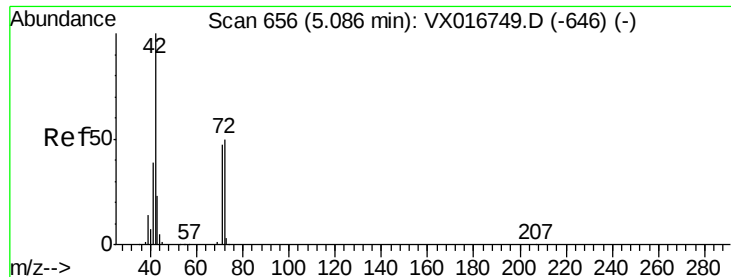


#28

Bromochloromethane
Concen: 50.303 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111460		
129	2.5	0.0	2.8	
130	92.5	76.0	114.0	





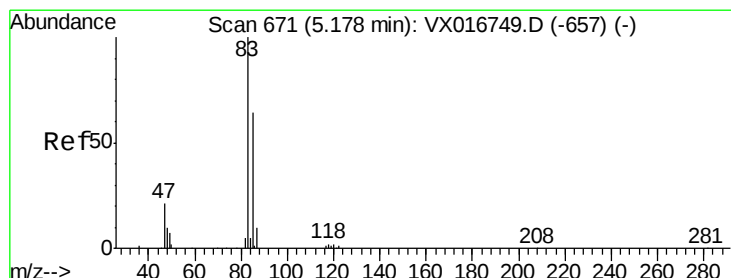
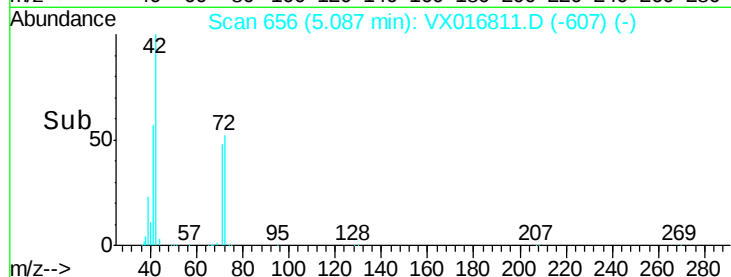
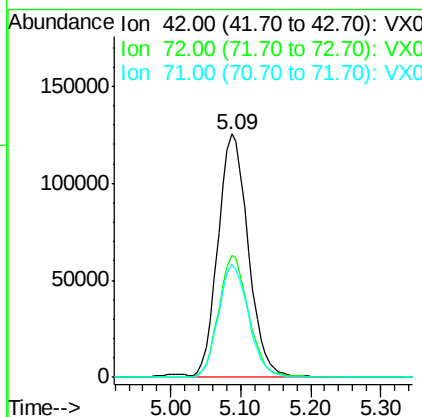
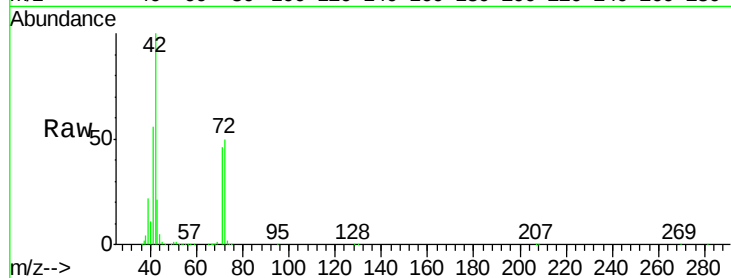
#29
Tetrahydrofuran
Concen: 260.681 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	41.0	61.6
71	46.5	38.2	57.4

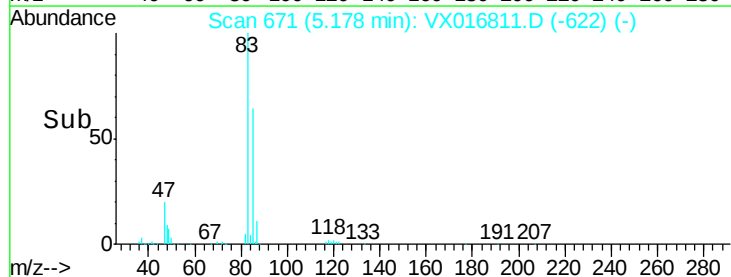
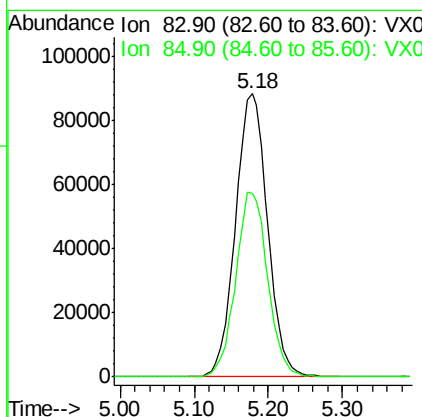
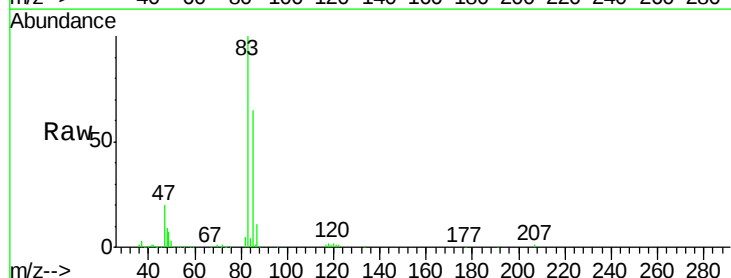
Manual Integrations
APPROVED

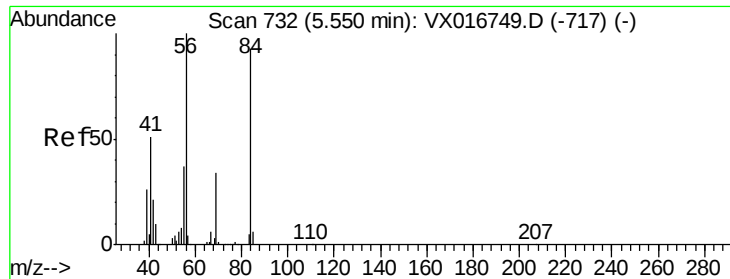
MMDadoda
6/17/2020 9:30:06 AM



#30
Chloroform
Concen: 48.610 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.8	76.2





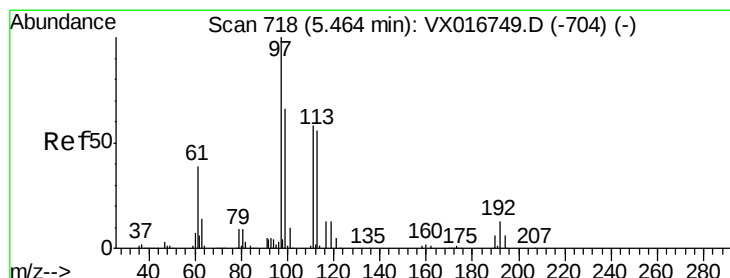
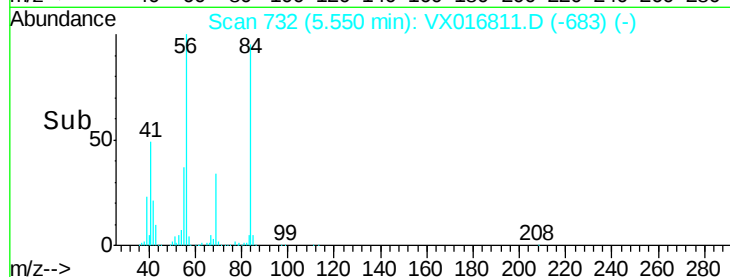
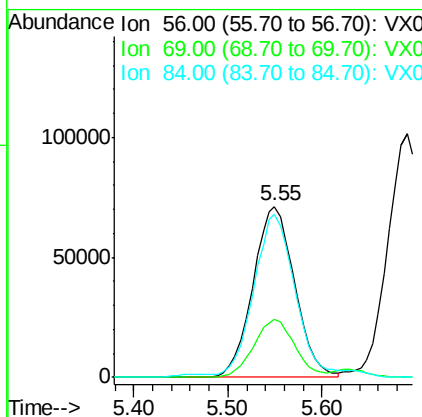
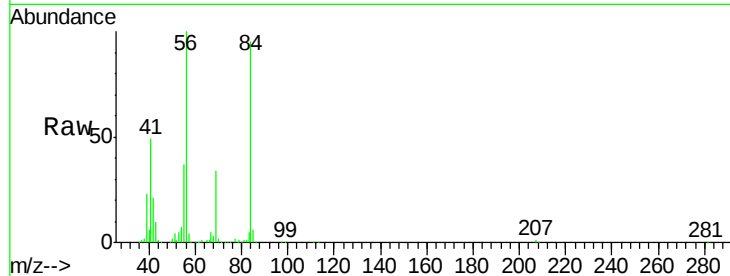
#31
Cyclohexane
Concen: 52.695 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.1	40.7
84	93.5	74.0	111.0

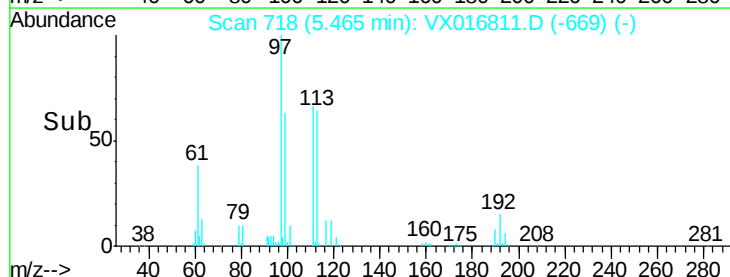
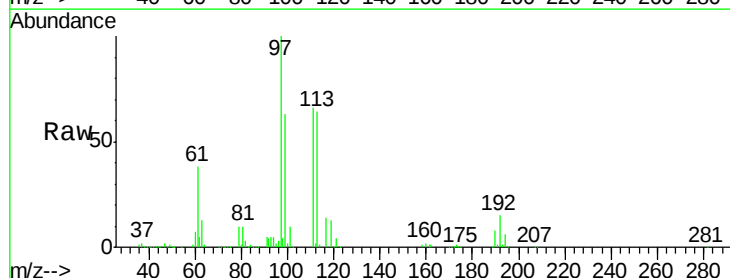
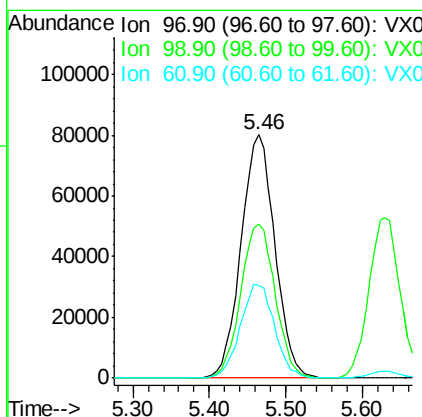
Manual Integrations
APPROVED

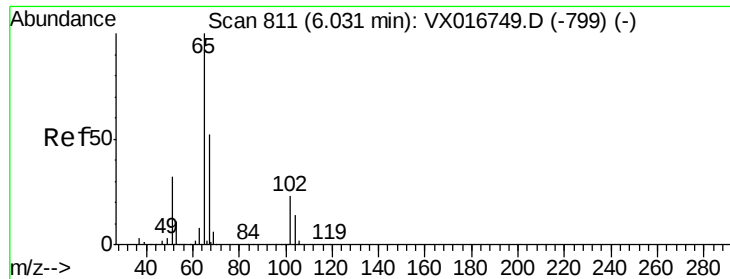
MMDadoda
6/17/2020 9:30:06 AM



#32
1,1,1-Trichloroethane
Concen: 49.522 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	39.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 54.065 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 175895

Ion Ratio Lower Upper

65 100

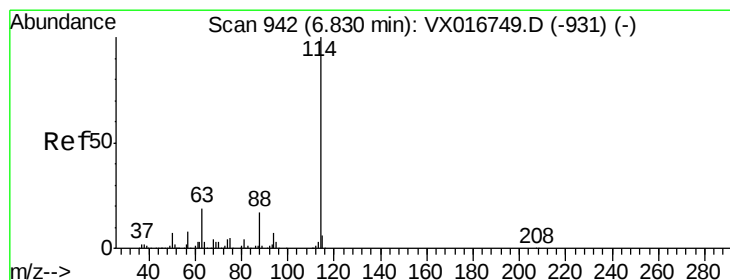
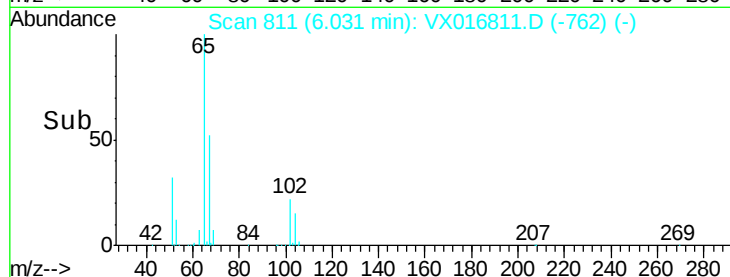
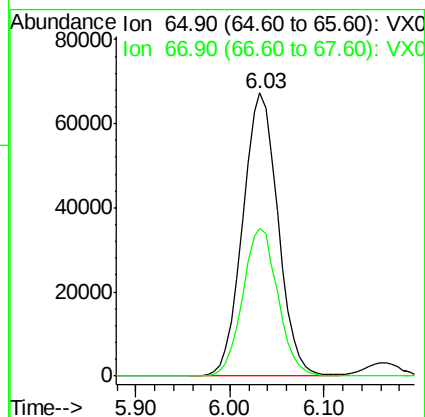
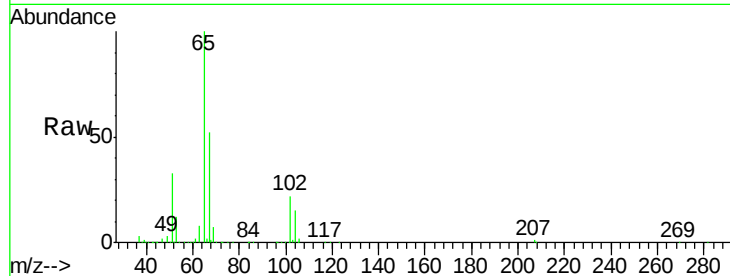
67 52.1 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

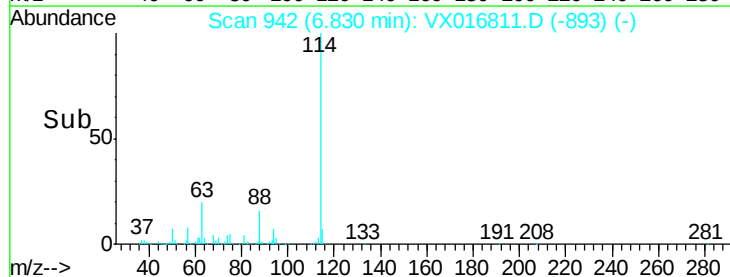
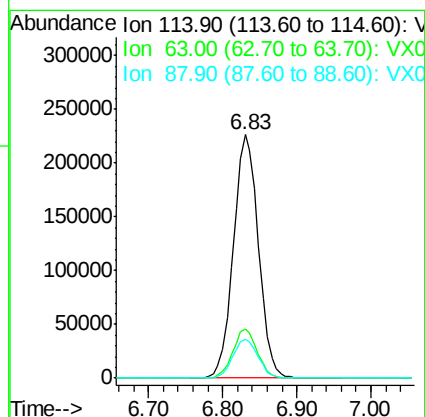
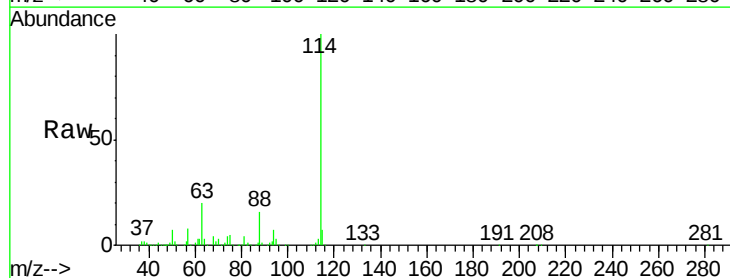
Tgt Ion: 114 Resp: 530390

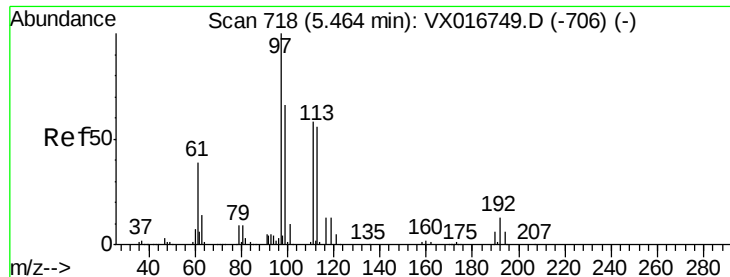
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.9 0.0 33.4





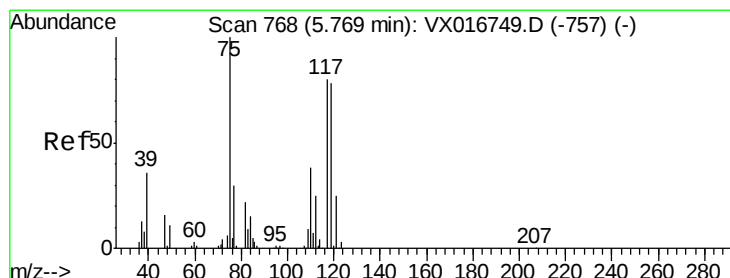
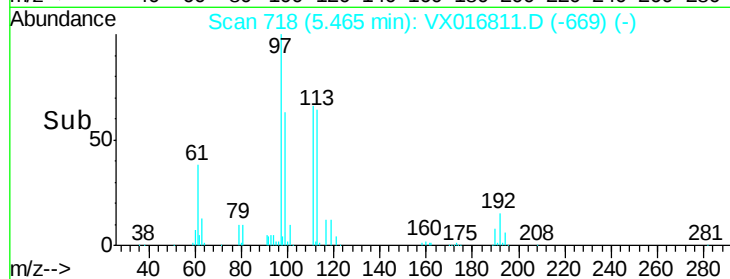
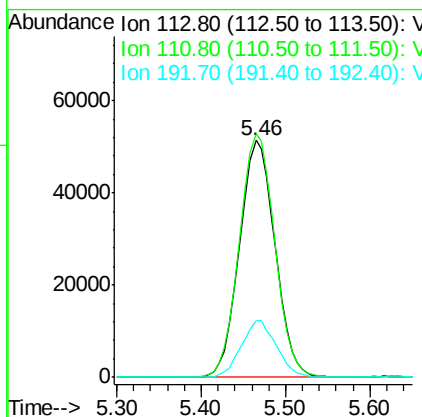
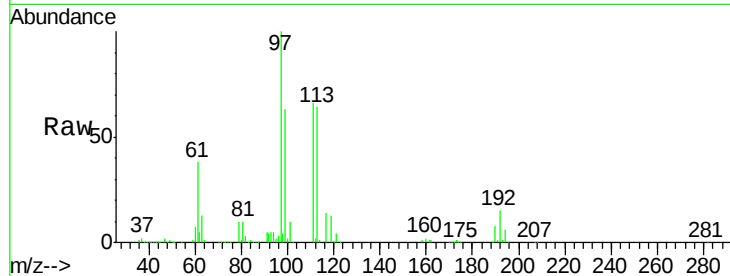
#35
Dibromofluoromethane
Concen: 44.860 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	23.7	18.2	27.4

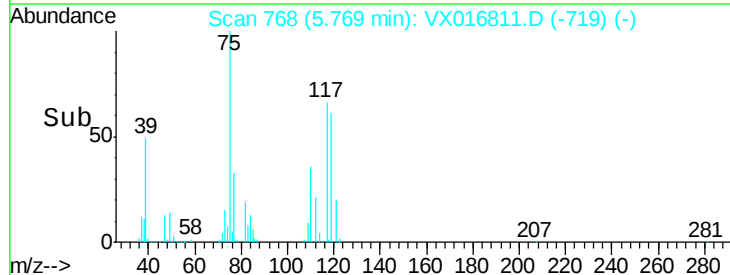
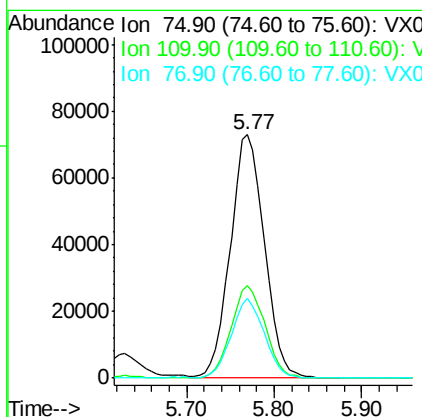
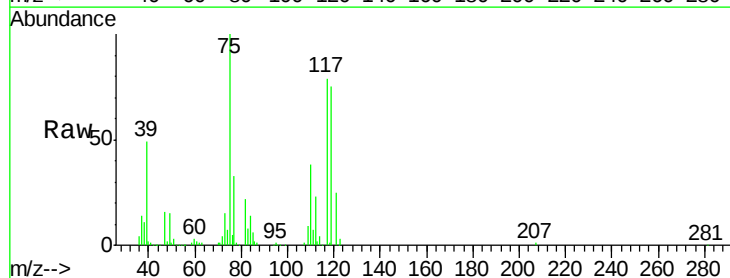
Manual Integrations
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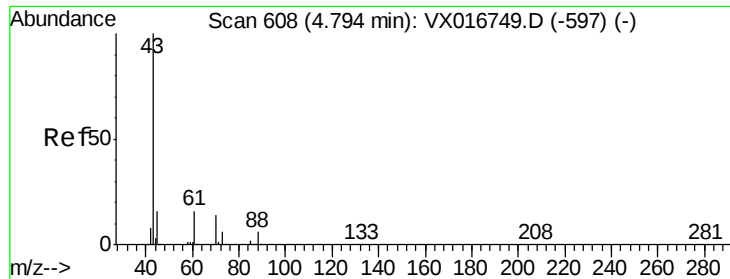
MMDadoda
6/17/2020 9:30:06 AM



#36
1,1-Dichloropropene
Concen: 42.100 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.4	55.2
77	31.7	24.7	37.1





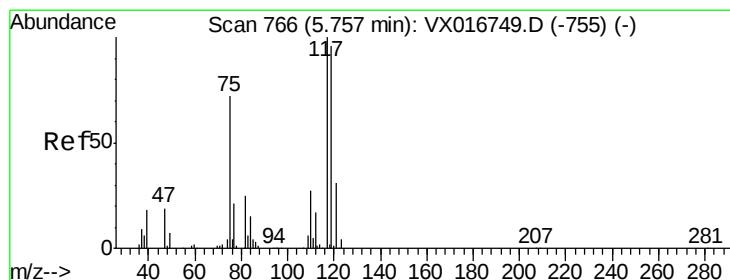
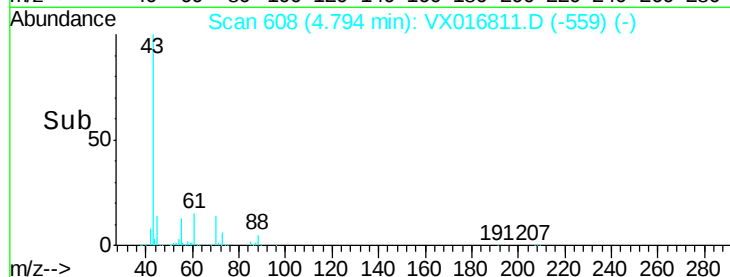
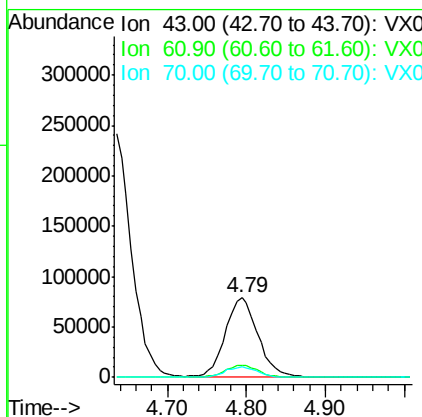
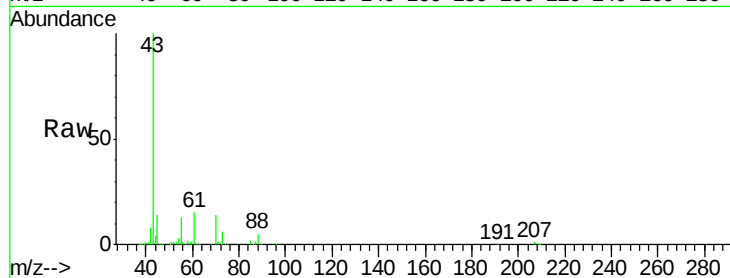
#37
Ethyl Acetate
Concen: 44.193 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	13.2	10.8	16.2

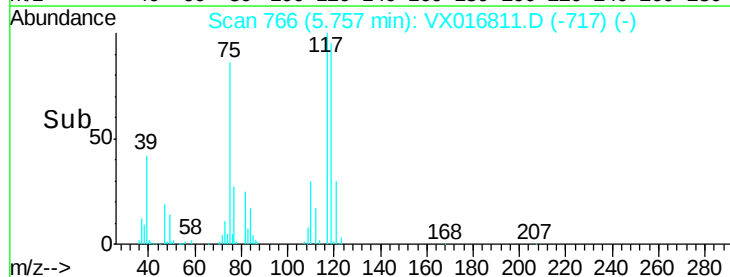
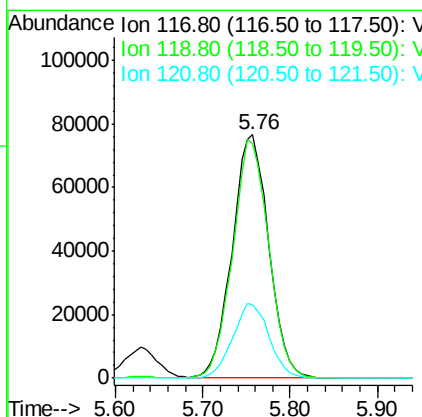
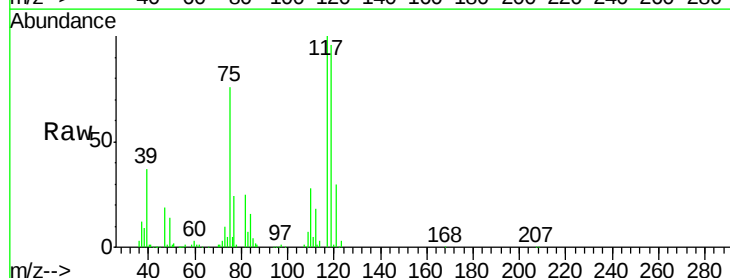
Manual Integrations
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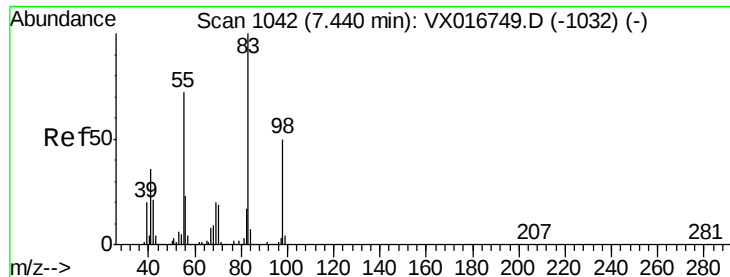
MMDadoda
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#38
Carbon Tetrachloride
Concen: 41.684 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
121	30.1	24.7	37.1





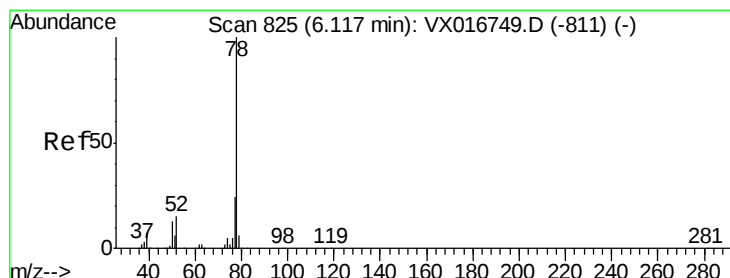
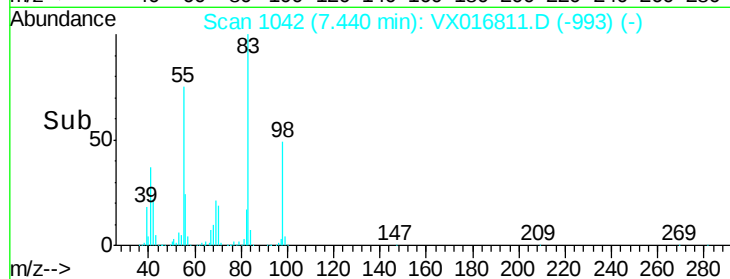
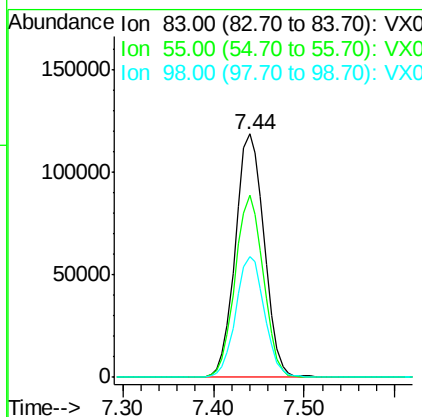
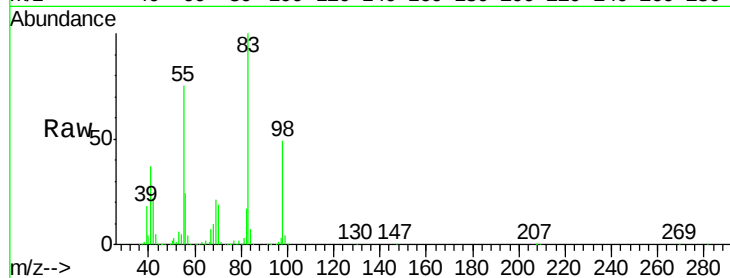
#39
Methvlcvclohexane
Concen: 48.116 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	57.3	85.9
98	49.4	40.3	60.5

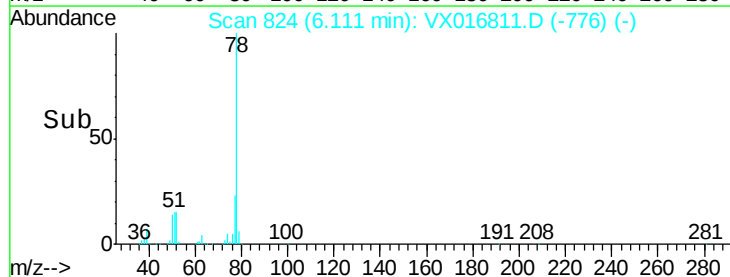
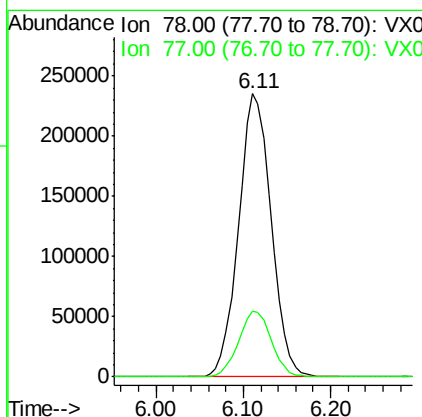
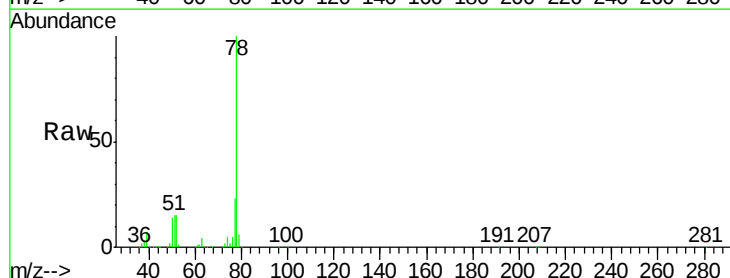
Manual Integrations
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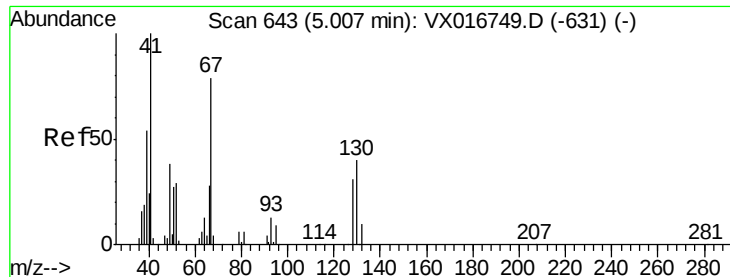
MMDadoda
6/17/2020 9:30:06 AM



#40
Benzene
Concen: 42.581 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





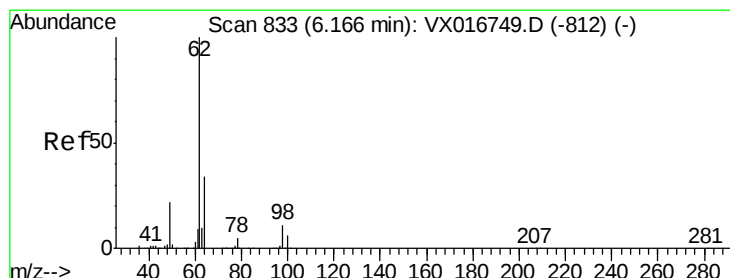
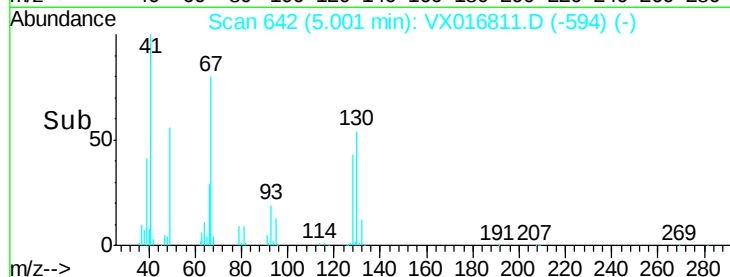
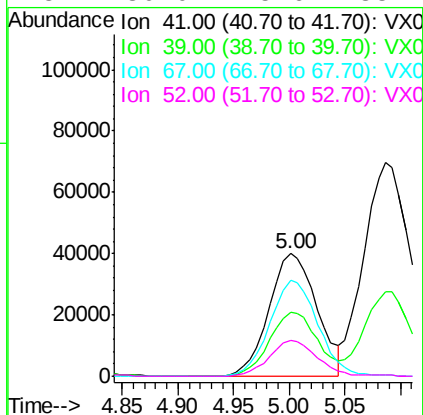
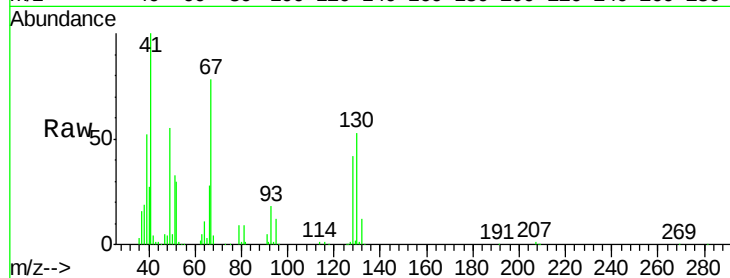
#41
Methacrylonitrile
Concen: 43.721 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	43.7	65.5	
67	79.0	64.6	96.8	
52	30.0	25.6	38.4	

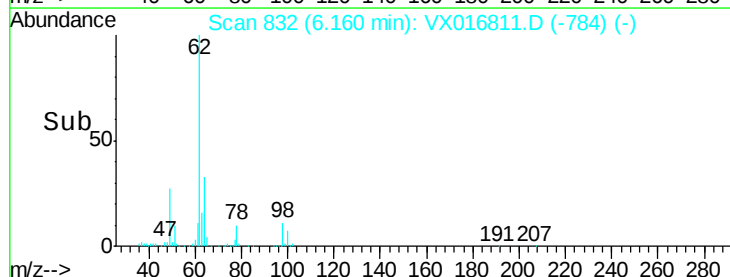
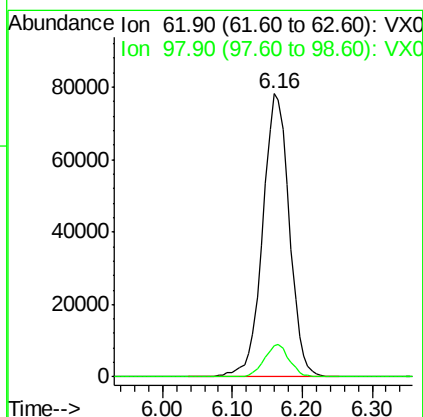
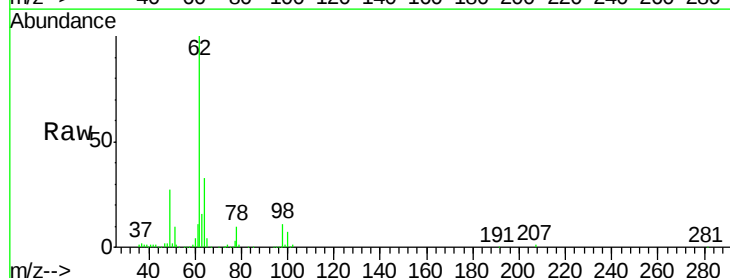
Manual Integrations
APPROVED

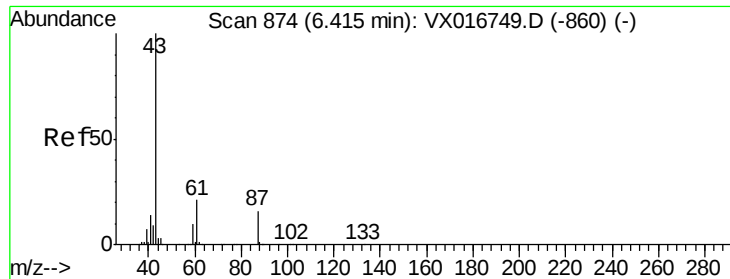
MMDadoda
6/17/2020 9:30:06 AM



#42
1,2-Dichloroethane
Concen: 39.818 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.2	





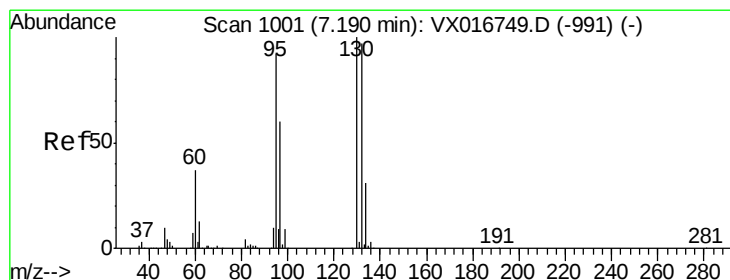
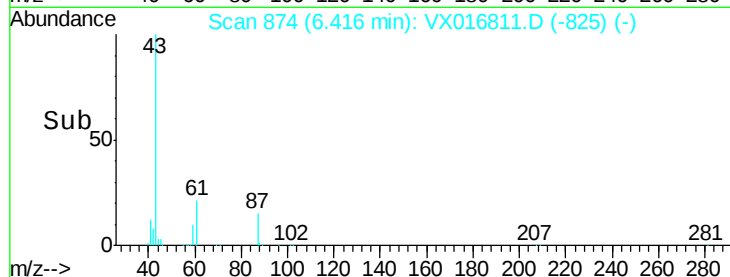
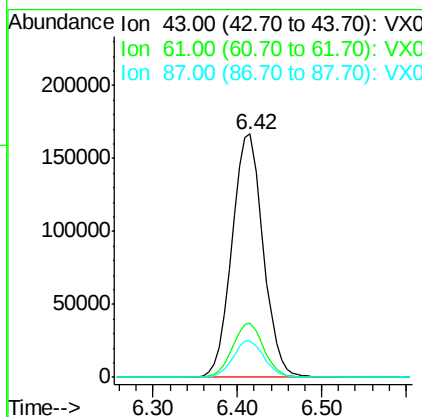
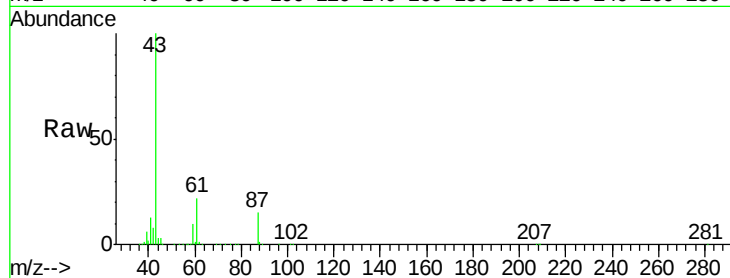
#43
Isopropyl Acetate
Concen: 51.528 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.7	26.5
87	15.0	12.5	18.7

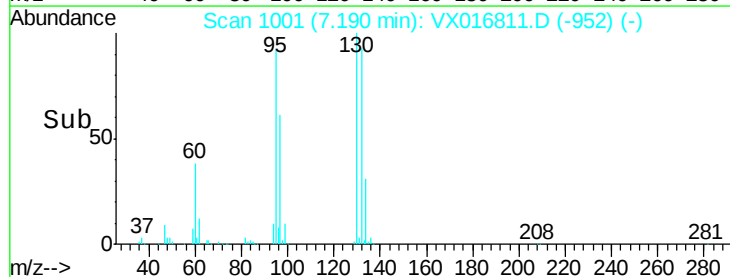
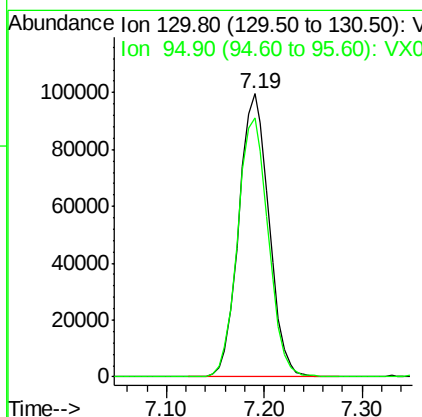
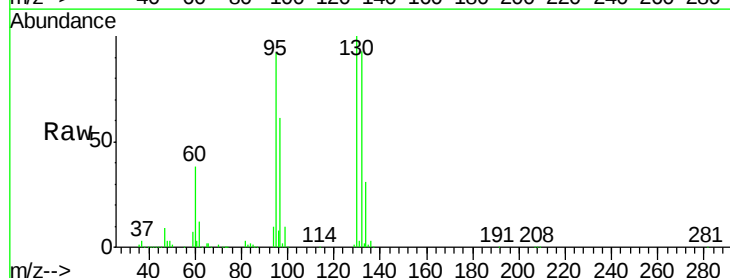
Manual Integrations
APPROVED

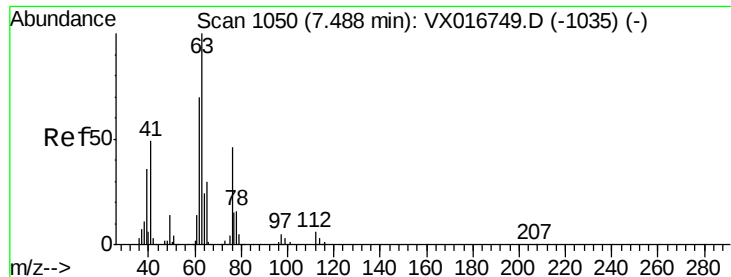
MMDadoda
6/17/2020 9:30:06 AM



#44
Trichloroethene
Concen: 48.342 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	183.6





#45

1,2-Dichloropropane

Concen: 49.215 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 172171

Ion Ratio Lower Upper

63 100

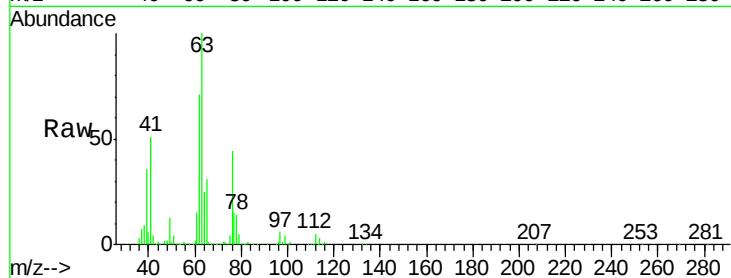
65 30.8 24.2 36.2

Manual Integrations

APPROVED

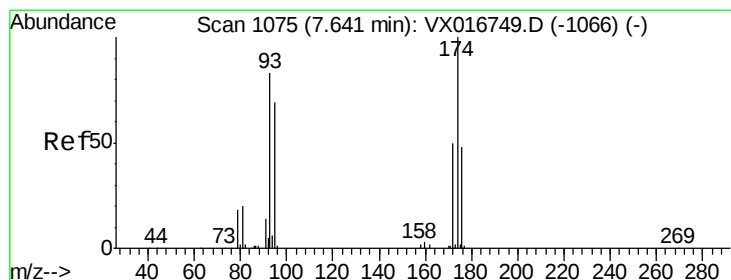
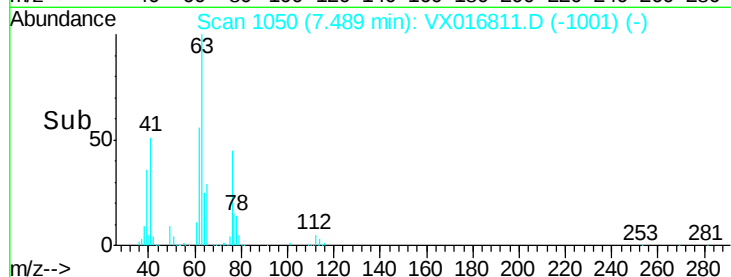
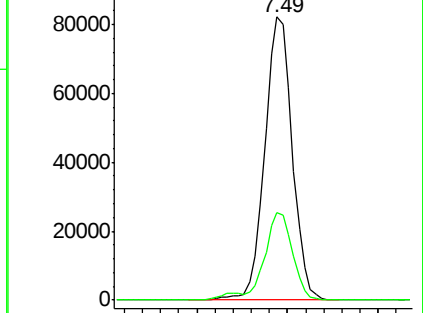
MMDadoda

6/17/2020 9:30:06 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.183 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

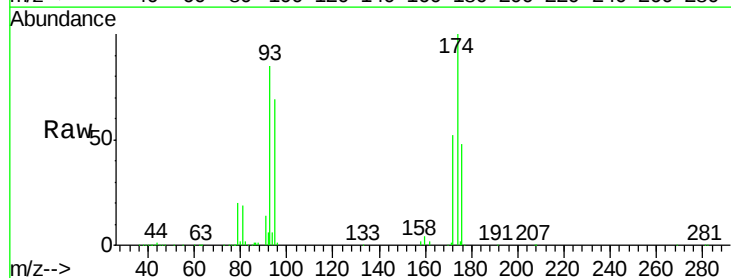
Tgt Ion: 93 Resp: 117754

Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

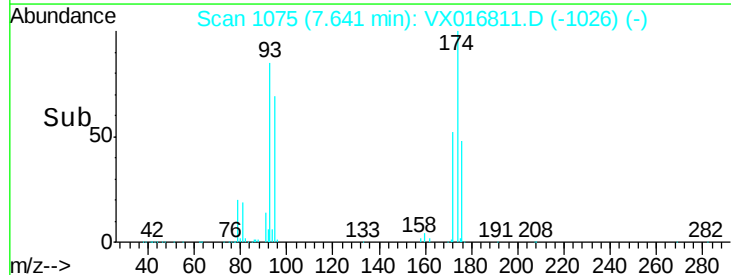
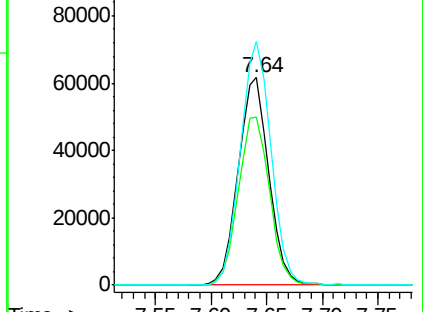
174 117.7 93.8 140.8

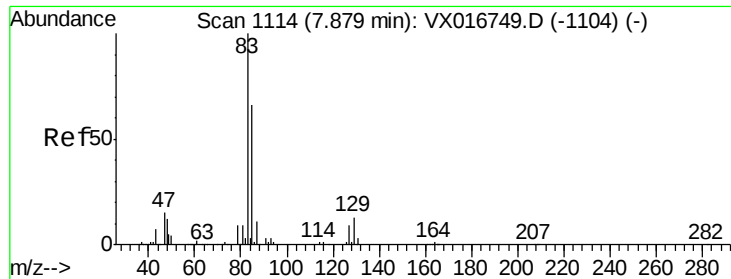


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





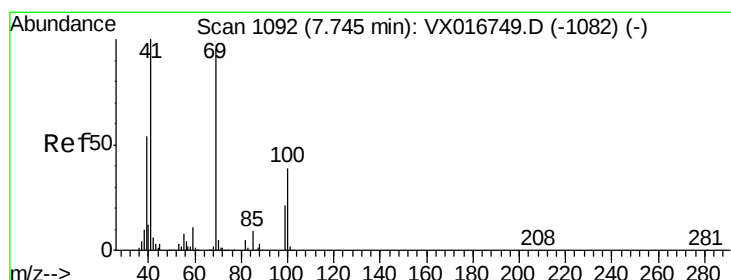
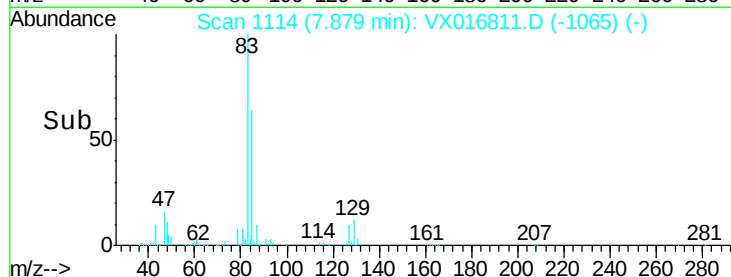
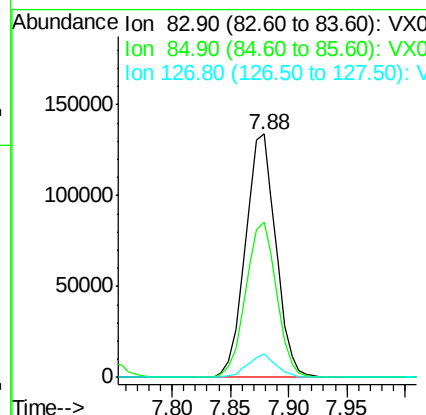
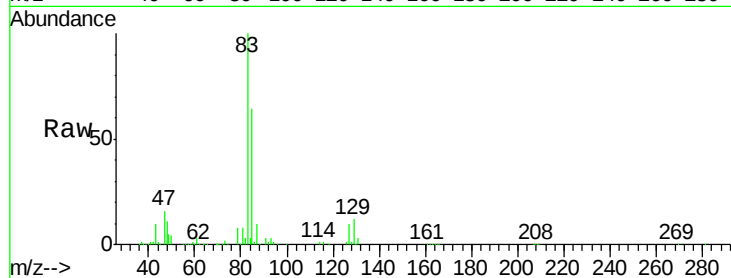
#47
Bromodichloromethane
Concen: 46.080 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	244948
Ion Ratio	Lower	Upper	
83	100		
85	63.8	52.5	78.7
127	9.8	7.5	11.3

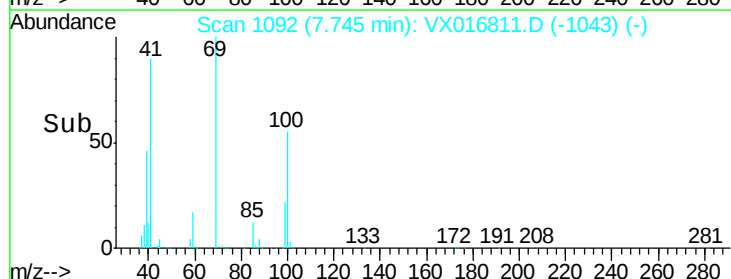
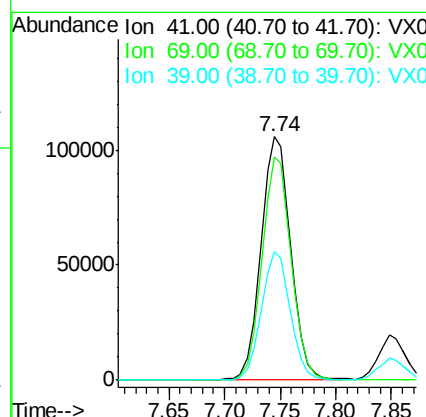
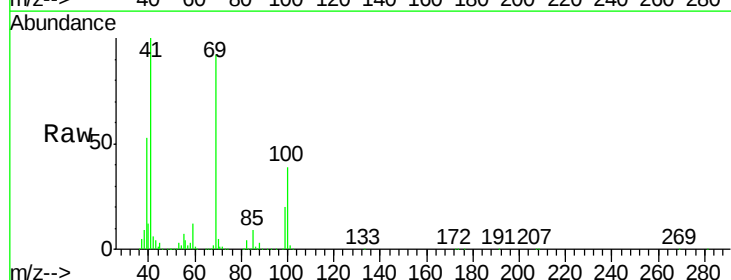
Manual Integrations
APPROVED

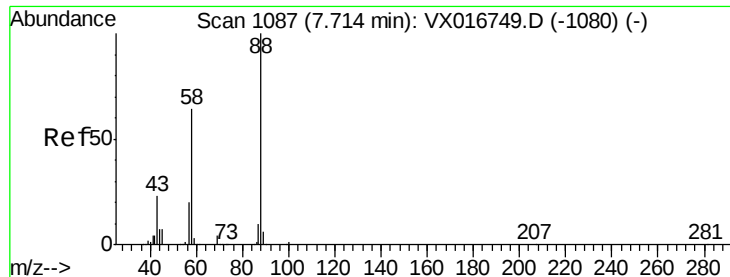
MMDadoda
6/17/2020 9:30:06 AM



#48
Methyl methacrylate
Concen: 51.444 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	41	Resp	196156
Ion Ratio	Lower	Upper	
41	100		
69	90.6	75.0	112.6
39	51.4	44.3	66.5





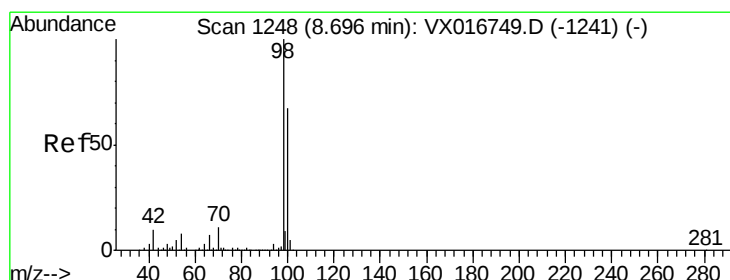
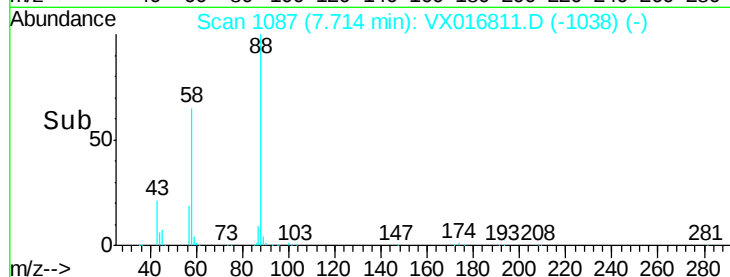
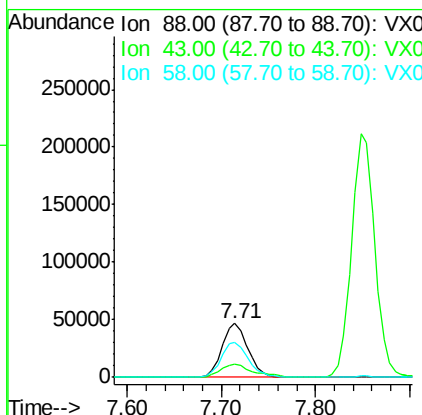
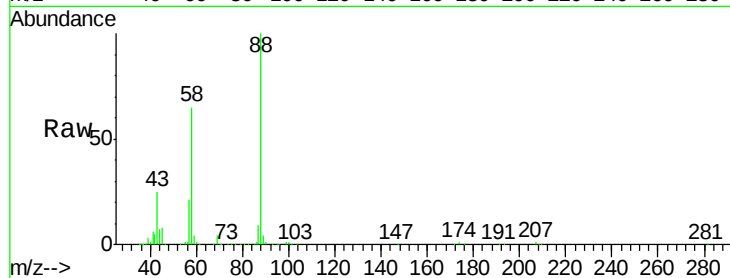
#49
1,4-Dioxane
Concen: 941.677 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.9	34.3
58	69.5	53.7	80.5

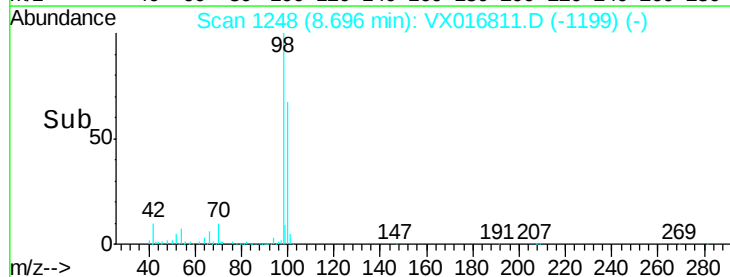
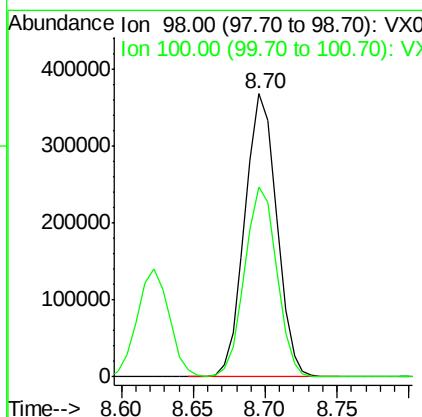
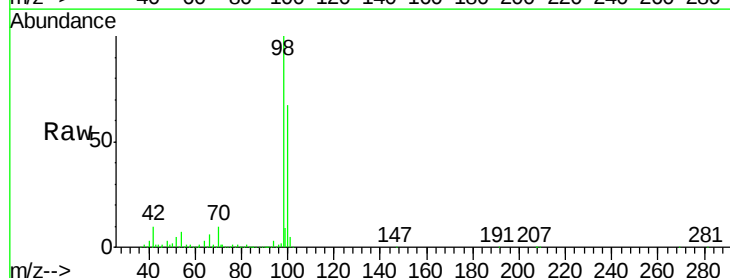
Manual Integrations
APPROVED

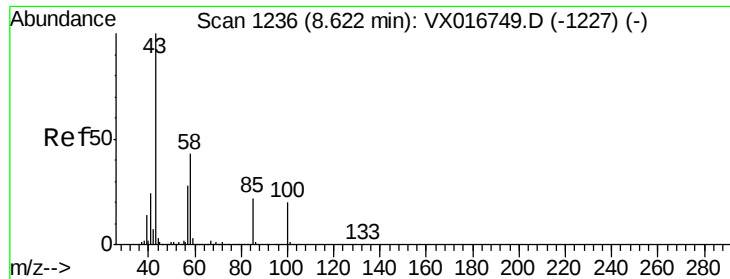
MMDadoda
6/17/2020 9:30:06 AM



#50
Toluene-d8
Concen: 46.806 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9





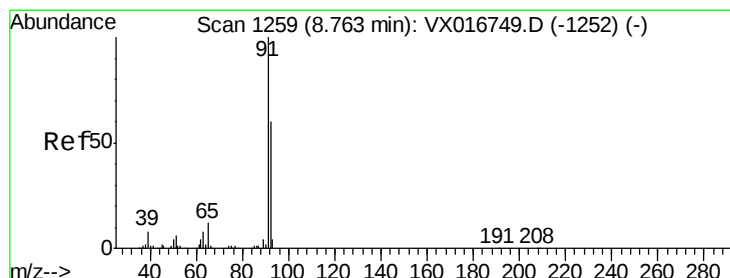
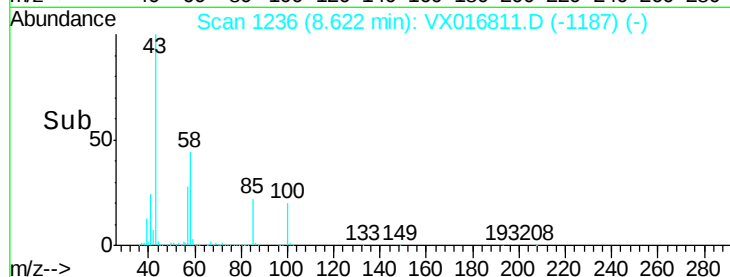
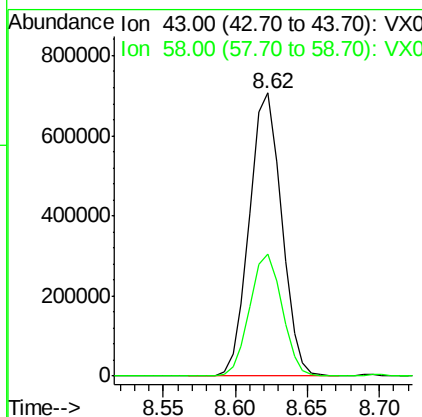
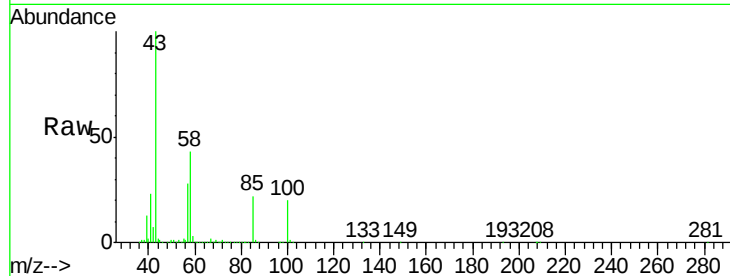
#51
4-Methyl-2-Pentanone
Concen: 220.933 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1095239
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0

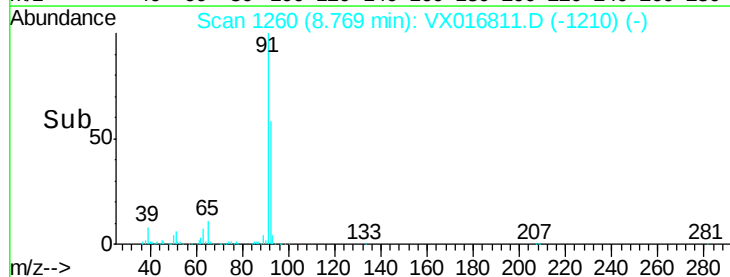
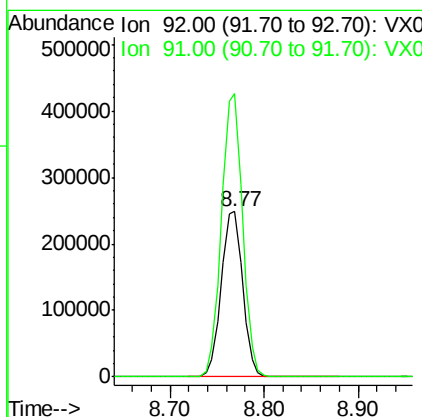
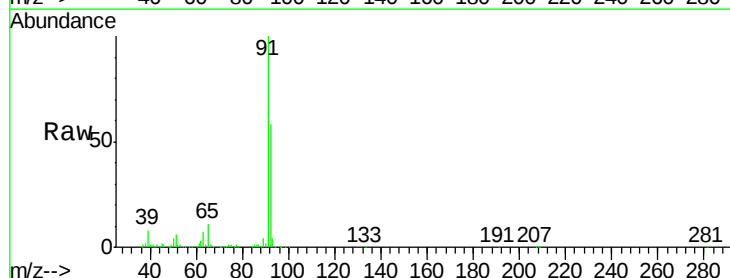
Manual Integrations
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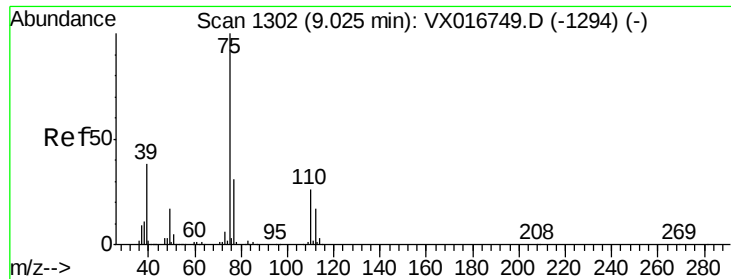
MMDadoda
6/17/2020 9:30:06 AM



#52
Toluene
Concen: 42.410 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion: 92 Resp: 393135
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 39.099 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 234749

Ion Ratio Lower Upper

75 100

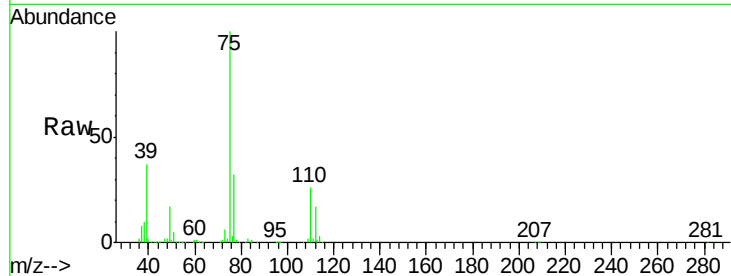
77 32.3 24.7 37.1

Manual Integrations

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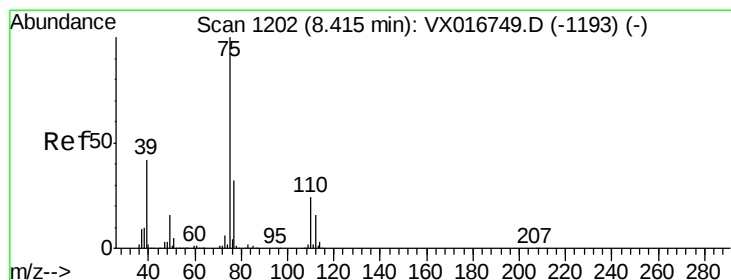
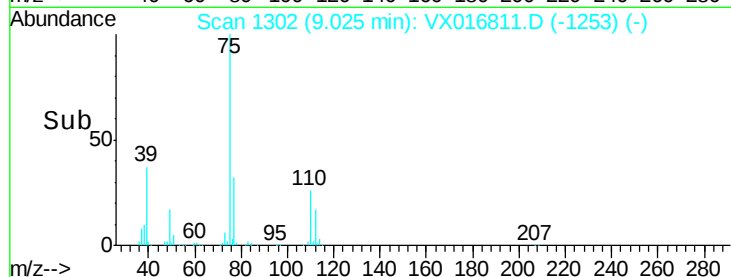
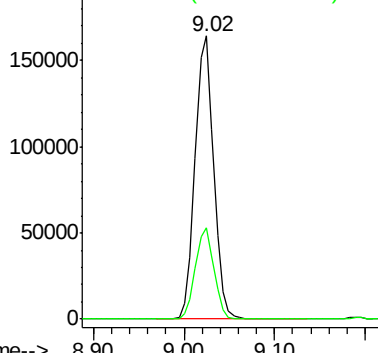
MMDadoda

6/17/2020 9:30:06 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.238 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

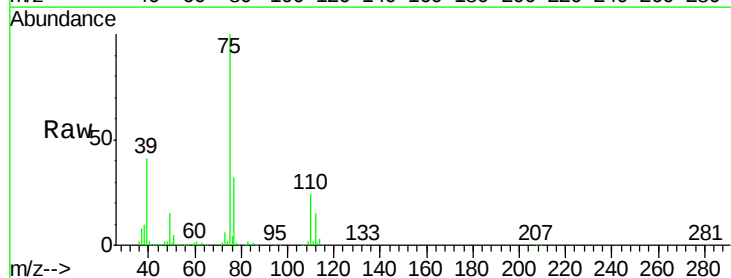
Tgt Ion: 75 Resp: 283309

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

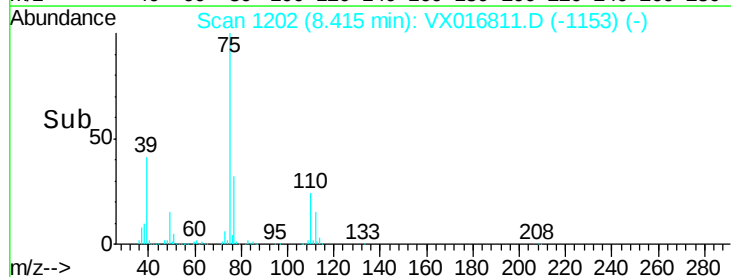
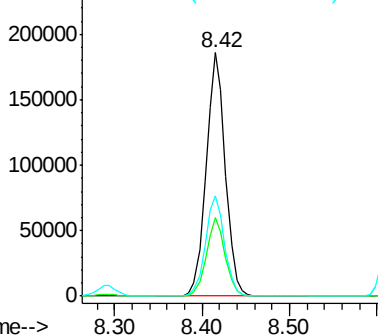
39 40.9 33.7 50.5

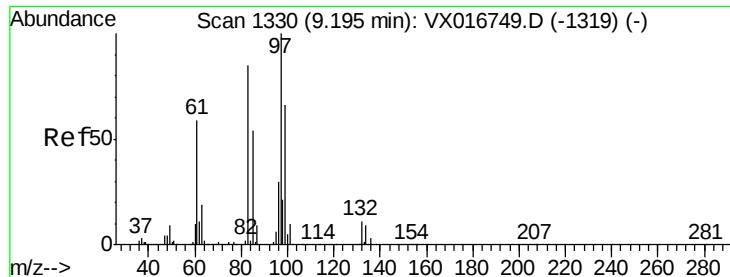


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





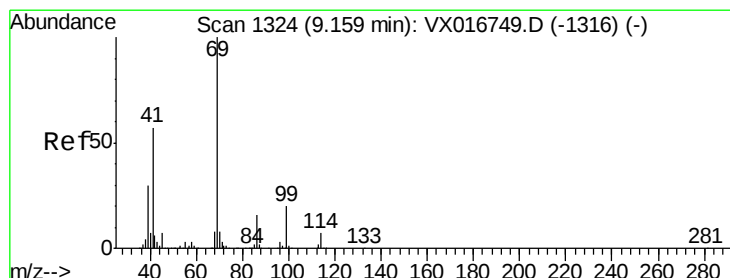
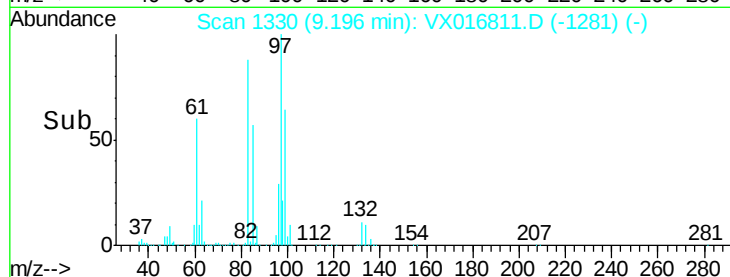
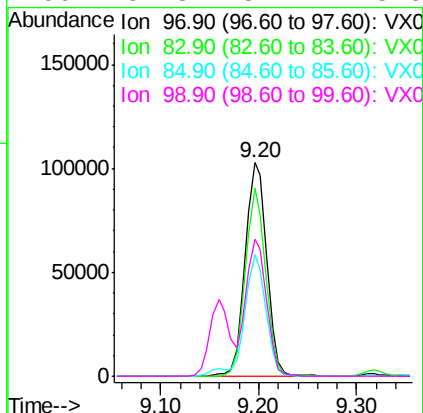
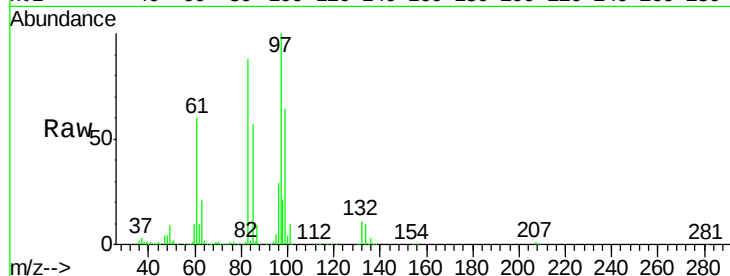
#55
 1,1,2-Trichloroethane
 Concen: 42.160 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157170
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.3	102.5
85	56.9	43.5	65.3
99	64.3	52.4	78.6

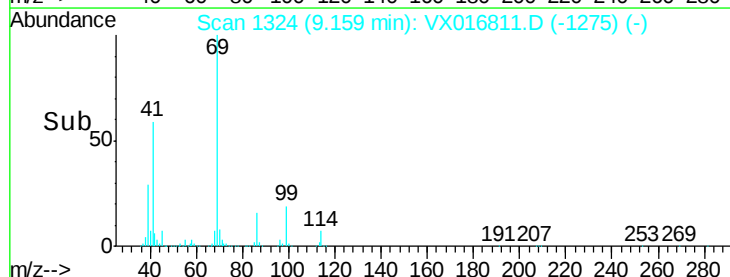
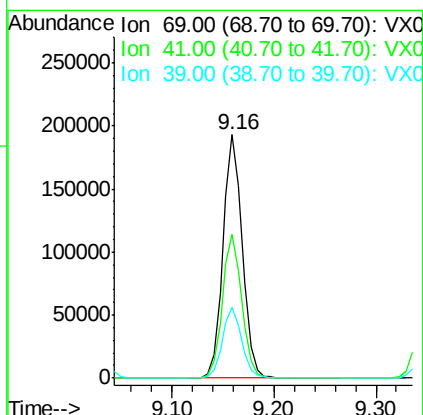
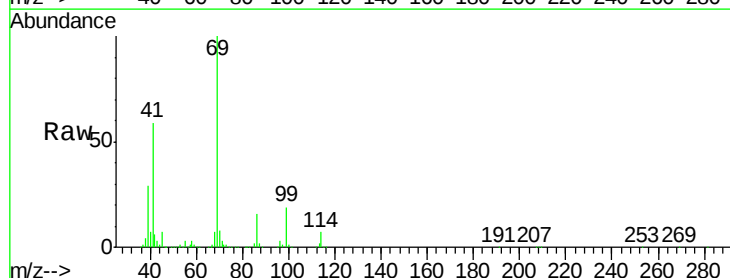
Manual Integrations
 APPROVED

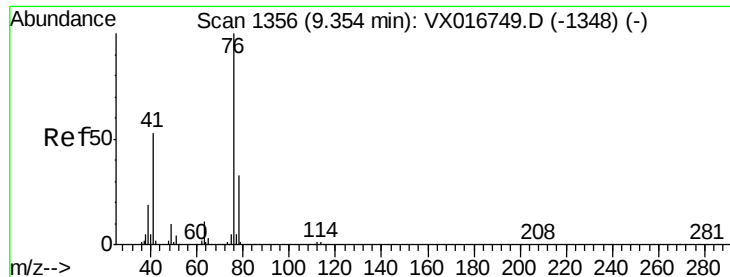
MMDadoda
 6/17/2020 9:30:06 AM



#56
 Ethyl methacrylate
 Concen: 45.412 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion:	69	Resp:	253469
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.1	70.7
39	29.4	25.0	37.6





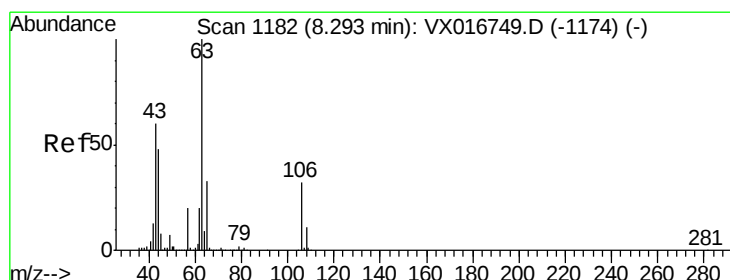
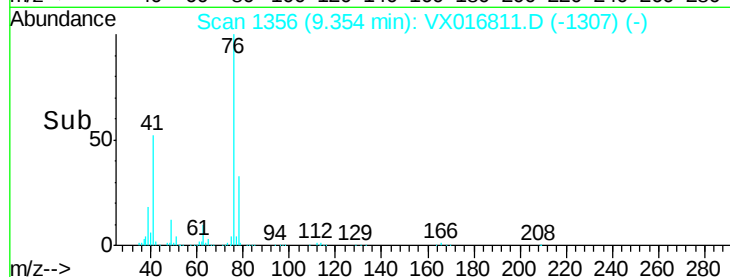
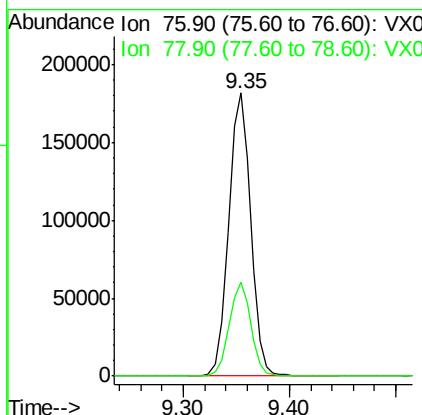
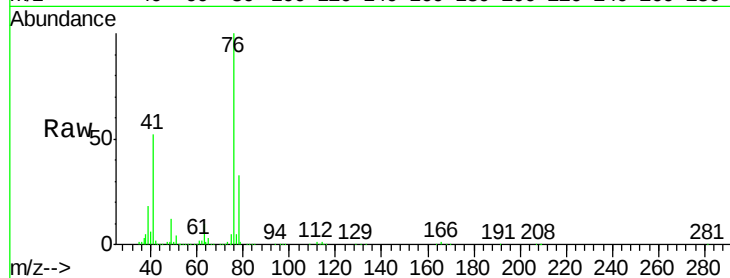
#57
 1,3-Dichloropropane
 Concen: 42.099 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.7	38.5

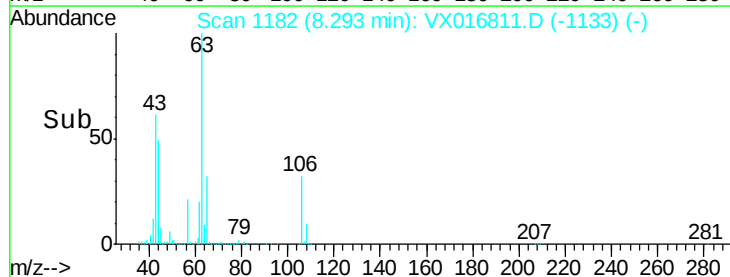
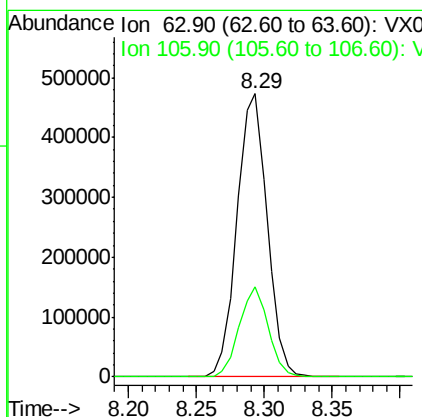
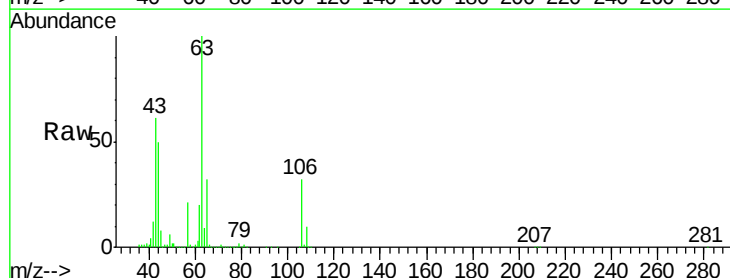
Manual Integrations
 APPROVED

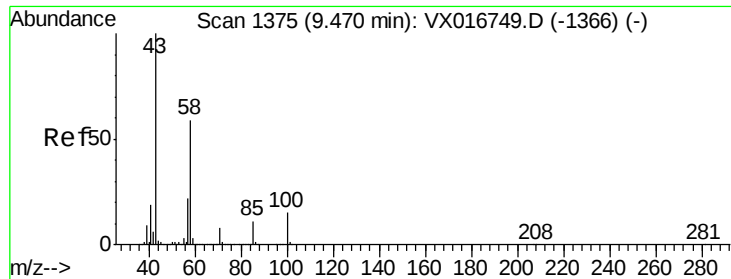
MMDadoda
 6/17/2020 9:30:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.705 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	25.5	38.3





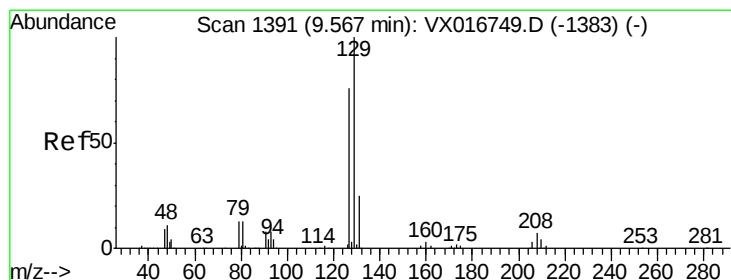
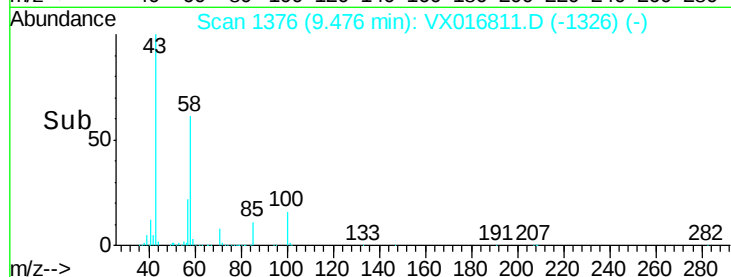
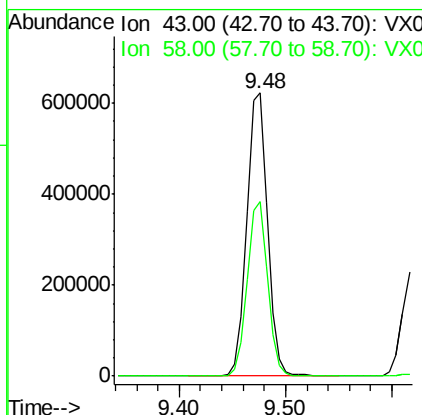
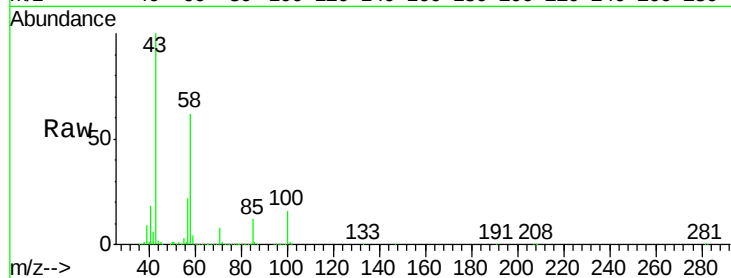
#59
2-Hexanone
Concen: 223.172 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 854053
Ion Ratio Lower Upper
43 100
58 60.9 29.9 89.8

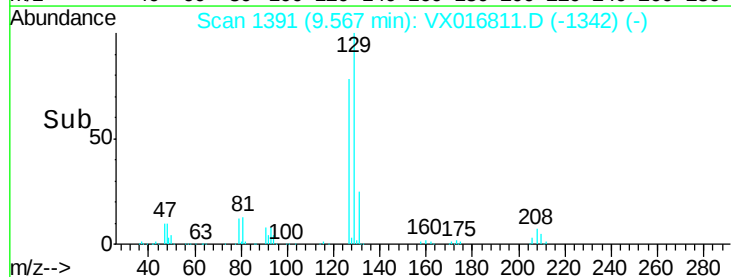
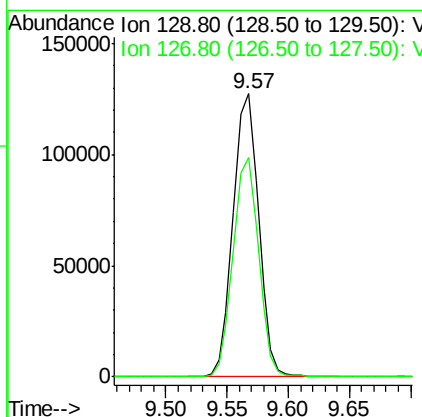
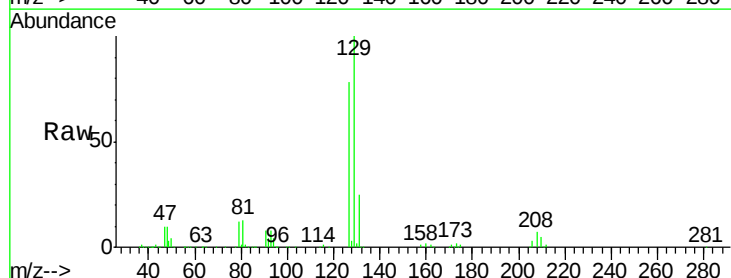
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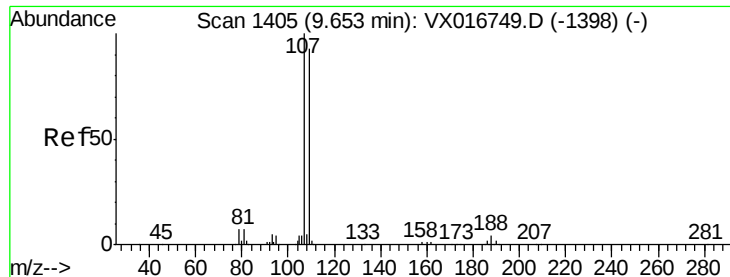
MMDadoda
6/17/2020 9:30:06 AM



#60
Dibromochloromethane
Concen: 41.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion: 129 Resp: 184825
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 42.427 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 172372

Ion Ratio Lower Upper

107 100

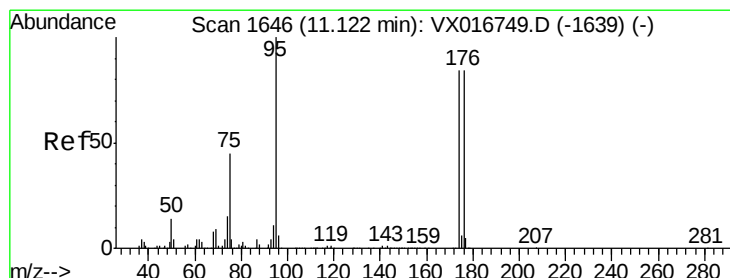
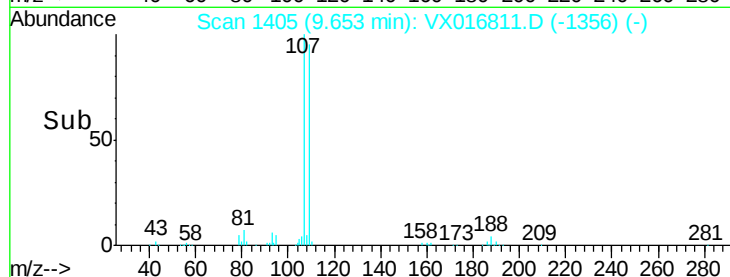
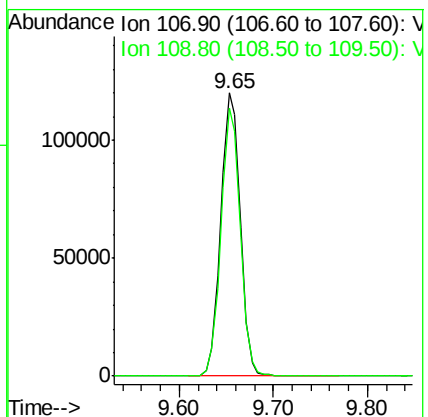
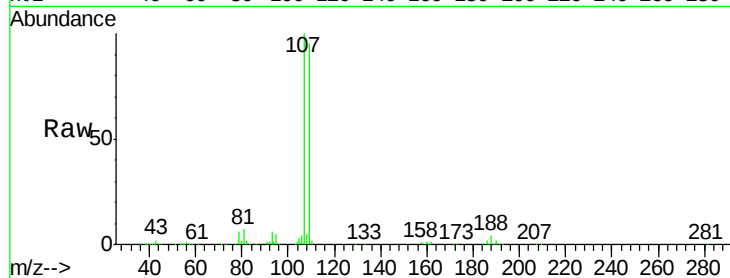
109 93.6 74.2 111.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.280 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

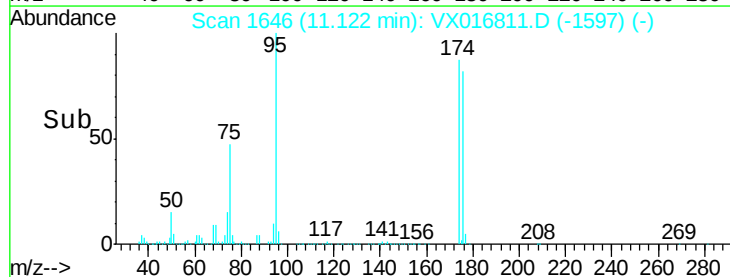
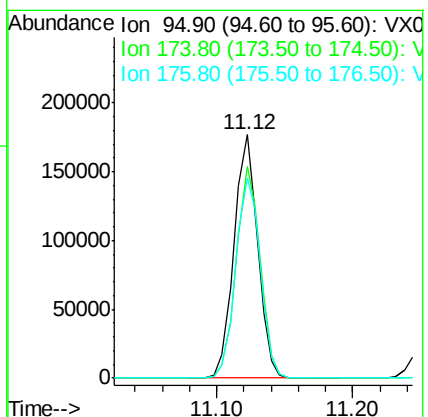
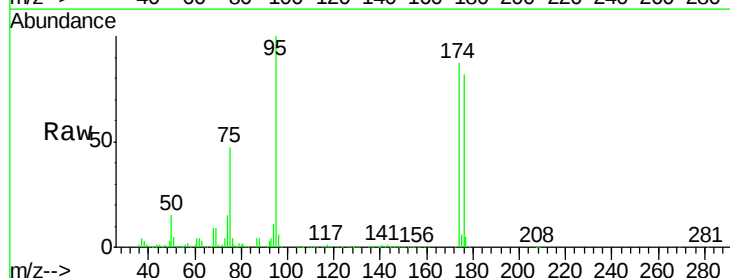
Tgt Ion: 95 Resp: 213600

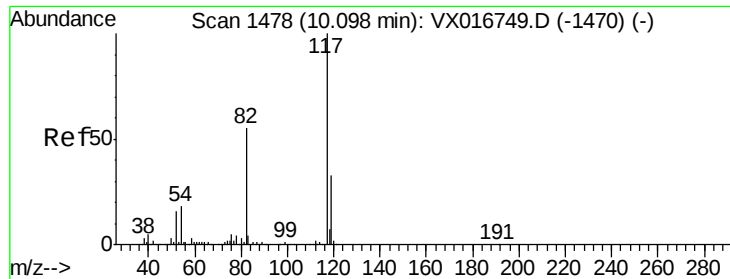
Ion Ratio Lower Upper

95 100

174 87.9 0.0 171.0

176 85.6 0.0 166.2





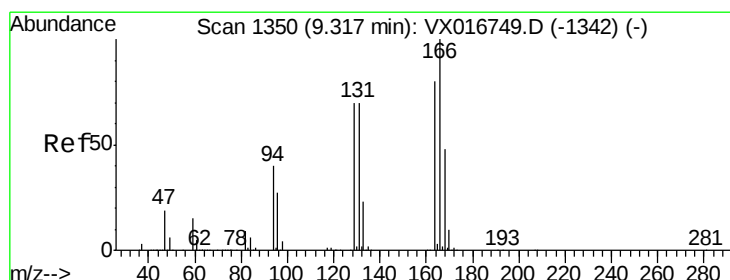
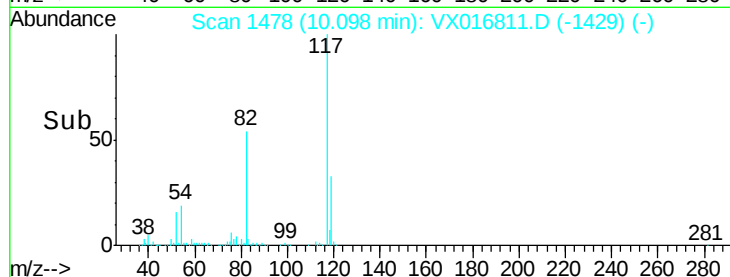
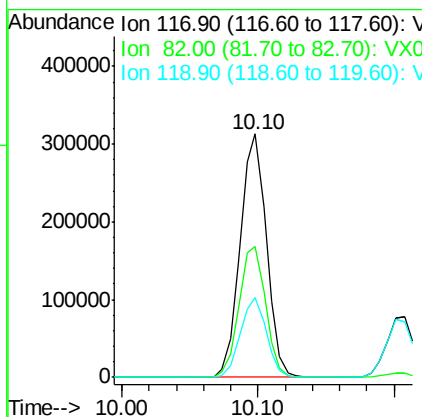
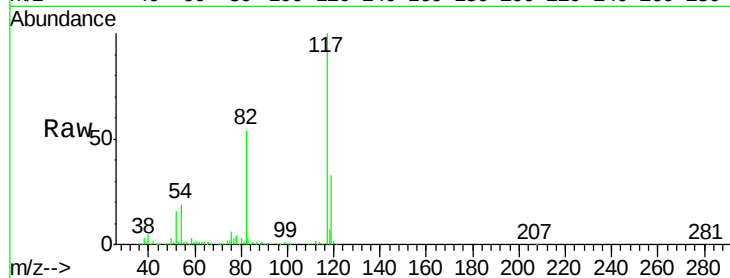
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	32.7	26.2	39.4

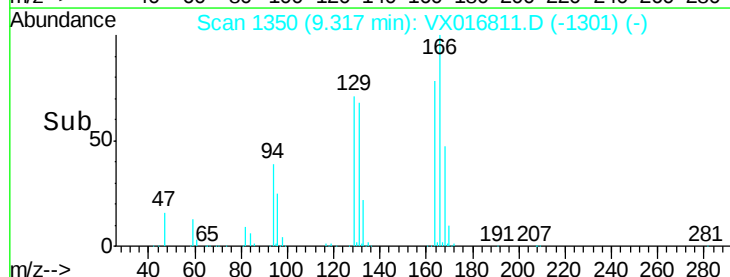
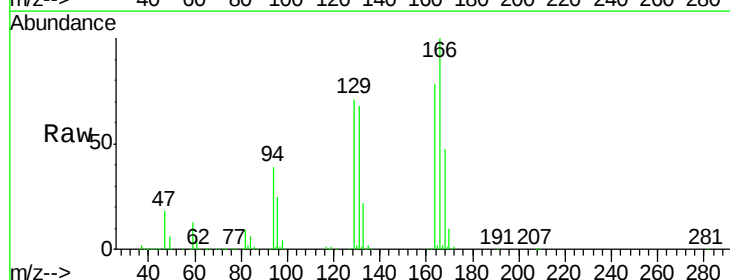
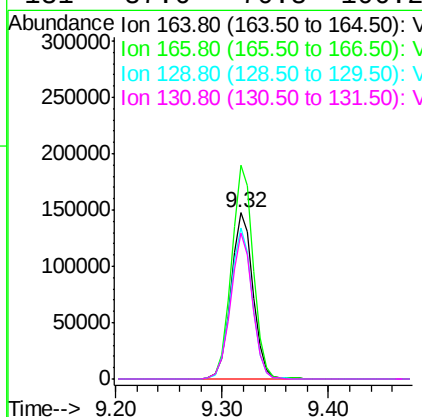
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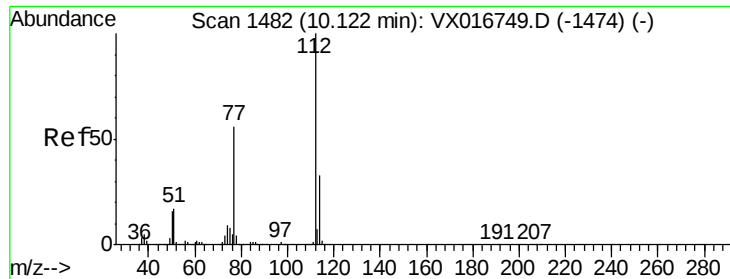
MMDadoda
6/17/2020 9:30:06 AM



#64
Tetrachloroethene
Concen: 52.585 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.6	150.8
129	91.0	70.1	105.1
131	87.6	70.8	106.2





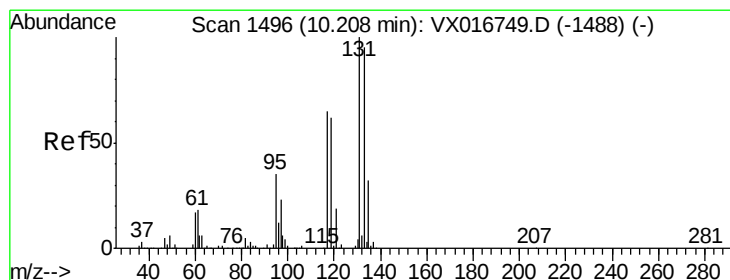
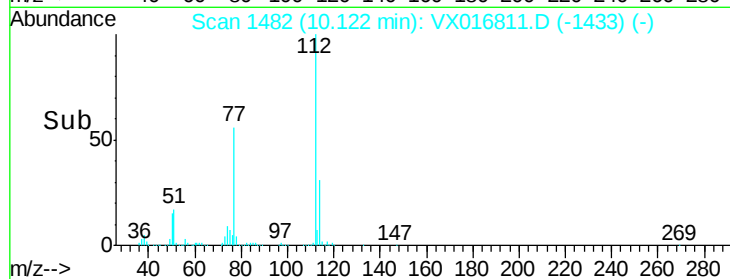
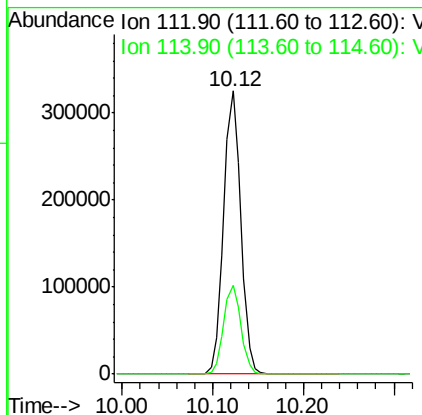
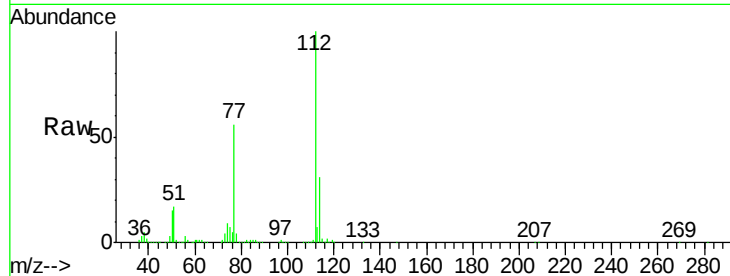
#65
Chlorobenzene
Concen: 50.201 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 429787
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

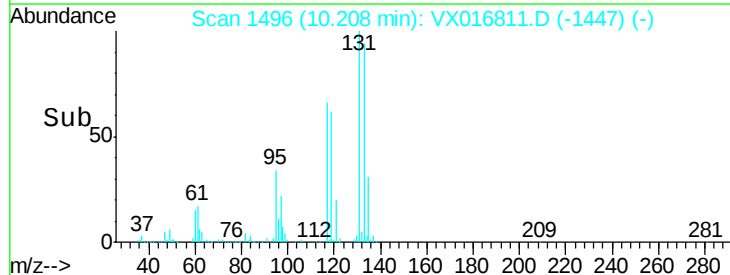
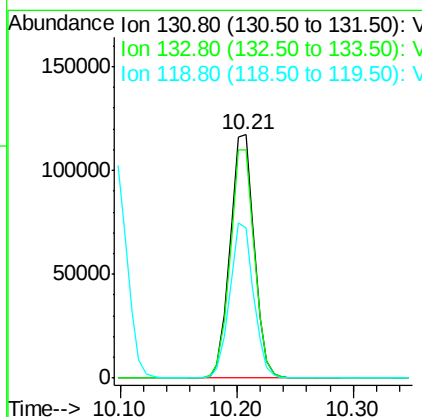
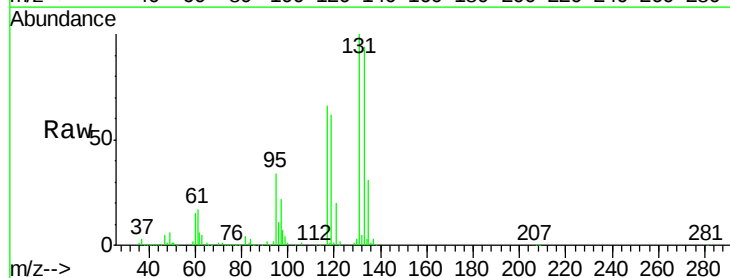
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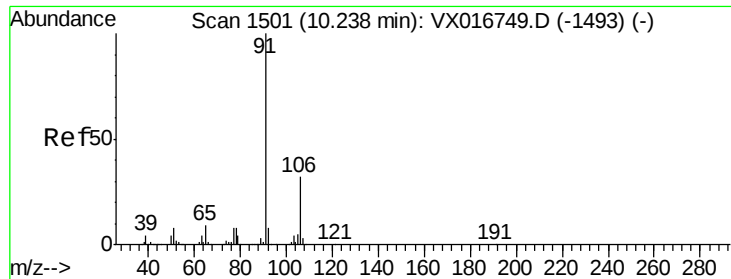
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.604 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion:131 Resp: 169413
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 62.9 31.4 94.0





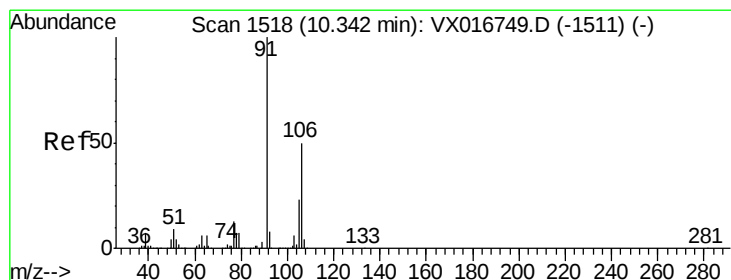
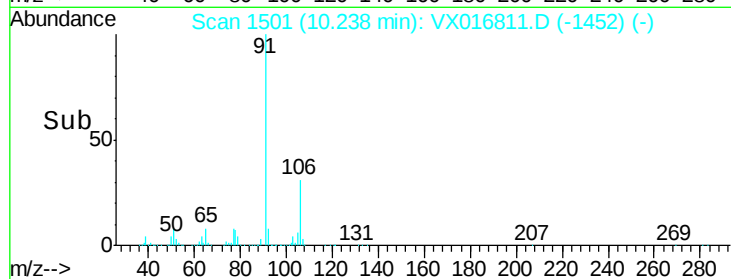
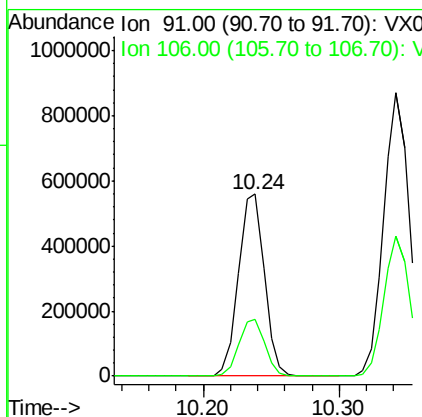
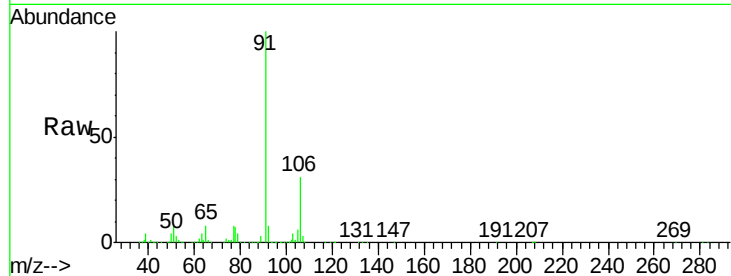
#67
Ethyl Benzene
Concen: 51.445 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 744564
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

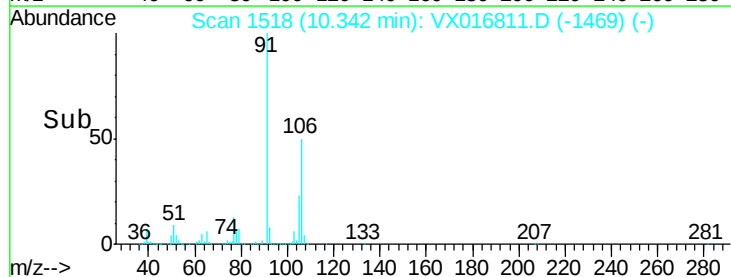
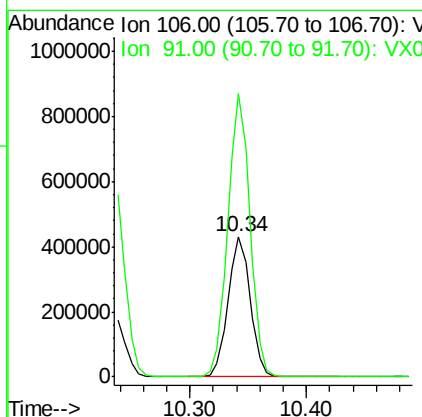
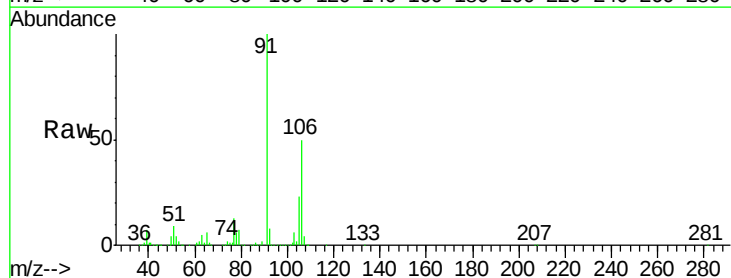
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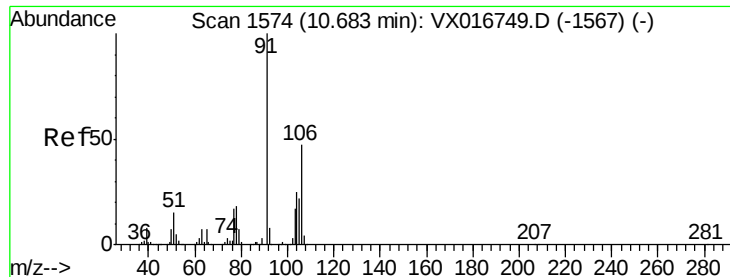
MMDadoda
6/17/2020 9:30:06 AM



#68
m/p-Xylenes
Concen: 104.140 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion: 106 Resp: 571472
Ion Ratio Lower Upper
106 100
91 200.5 161.2 241.8





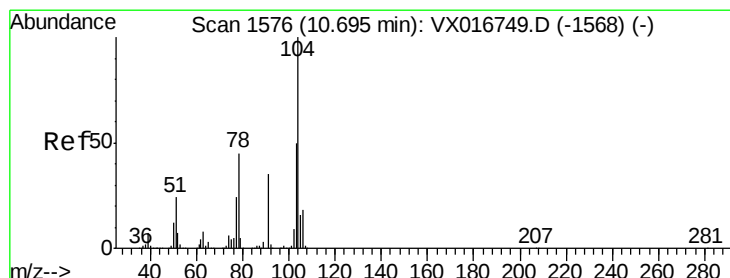
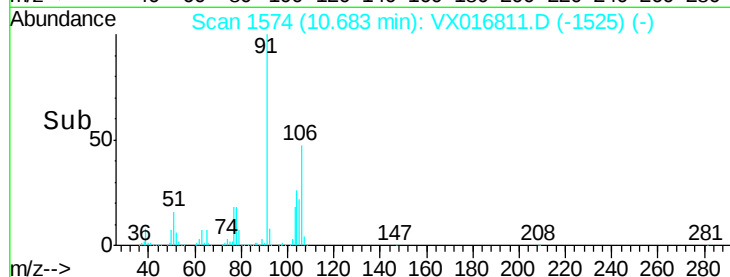
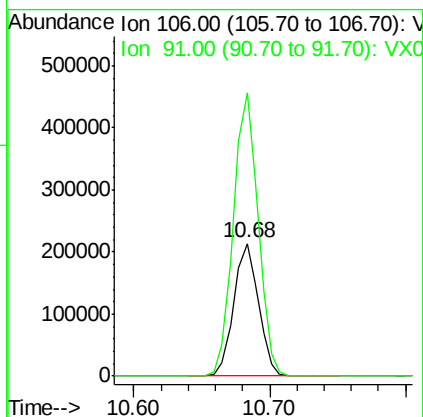
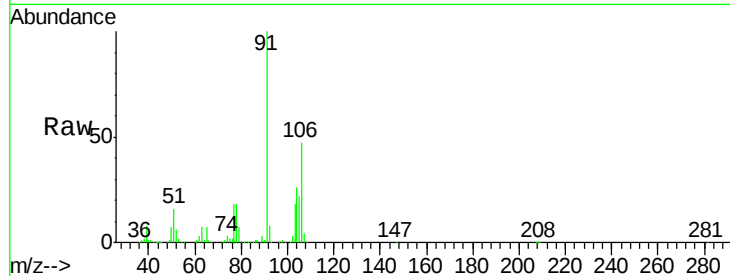
#69
o-Xylene
Concen: 51.095 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		270121		
91	214.0	106.9	320.8		

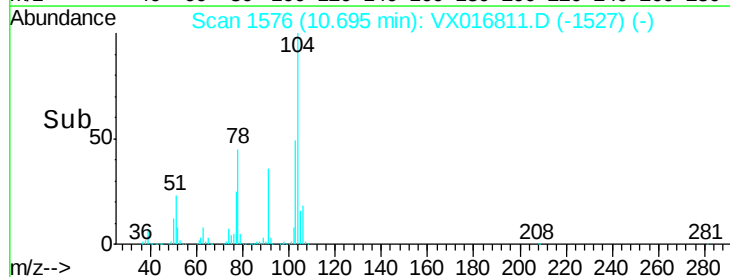
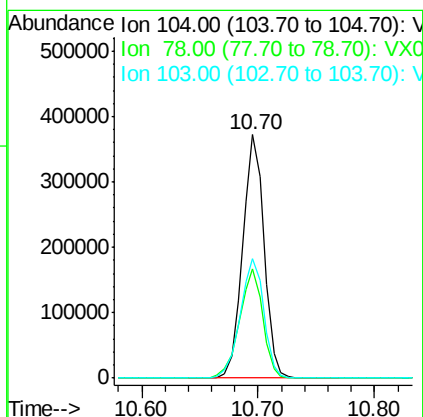
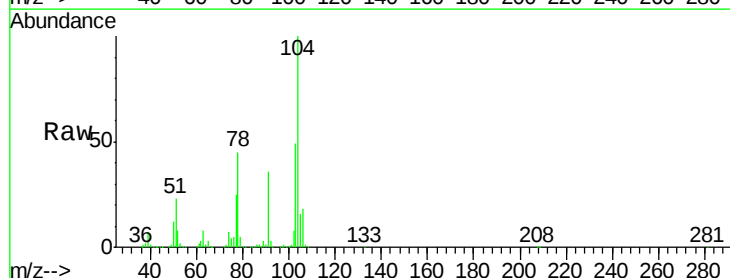
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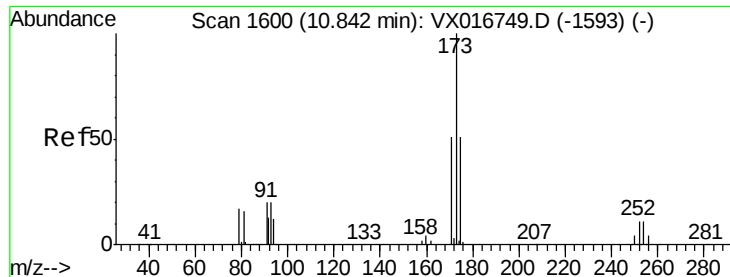
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#70
Styrene
Concen: 52.250 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		477520		
78	48.7	39.8	59.8		
103	54.1	43.4	65.2		





#71

Bromoform

Concen: 51.056 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 148778

Ion Ratio Lower Upper

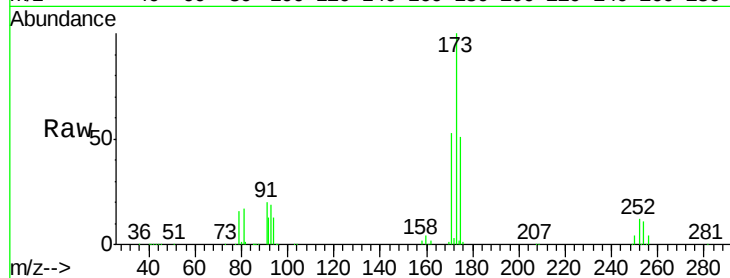
173 100

175 49.1 25.1 75.4

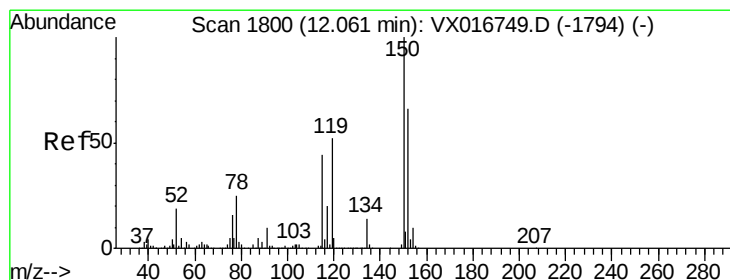
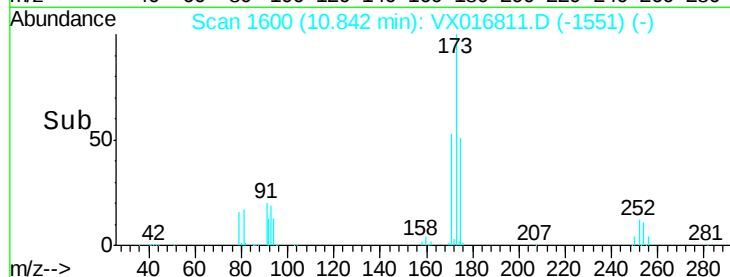
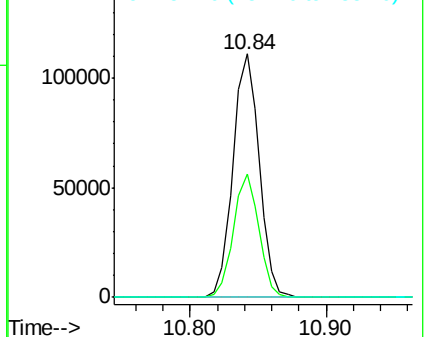
254 0.1 0.1 0.1#

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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: VX016811.D

Acq: 17 Jun 2020 04:43

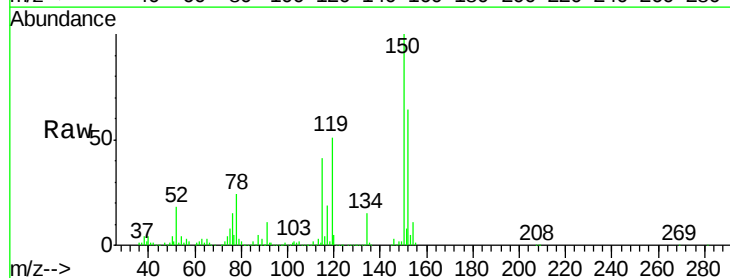
Tgt Ion:152 Resp: 243031

Ion Ratio Lower Upper

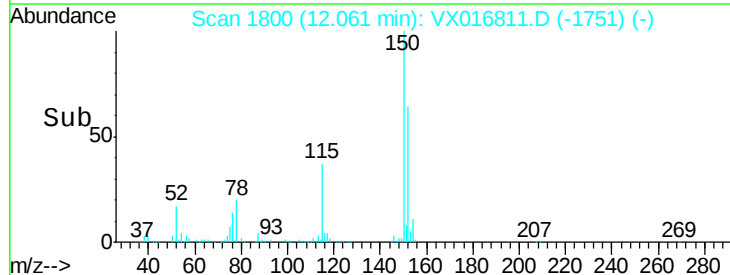
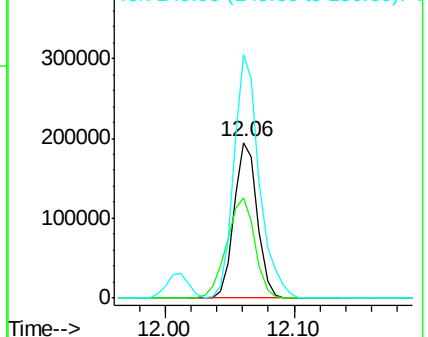
152 100

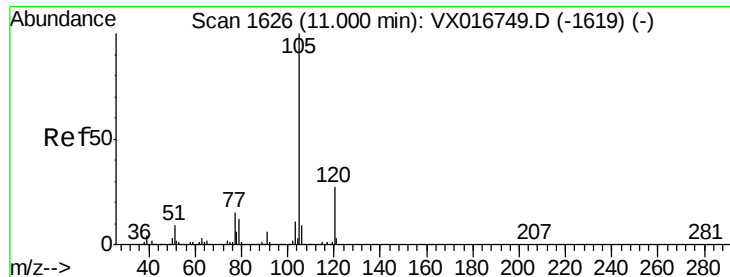
115 79.1 40.3 120.8

150 171.4 0.0 337.4



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: 45.961 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 732935

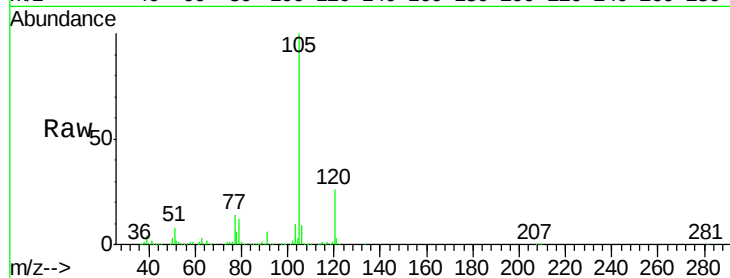
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

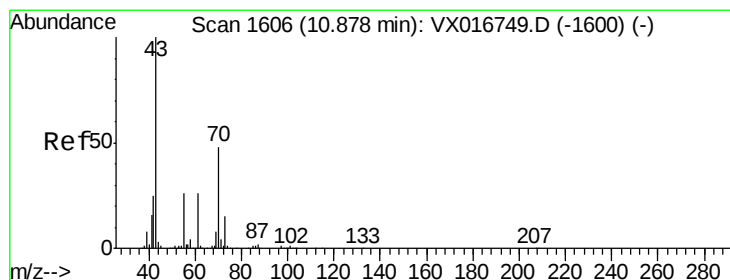
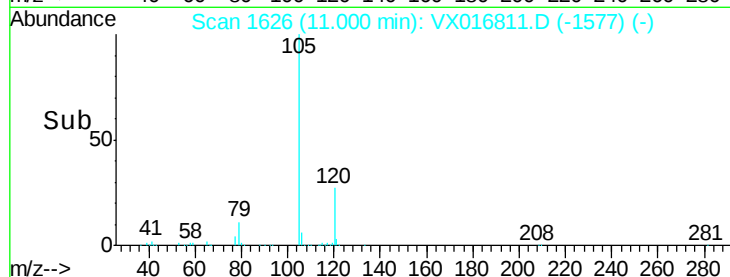
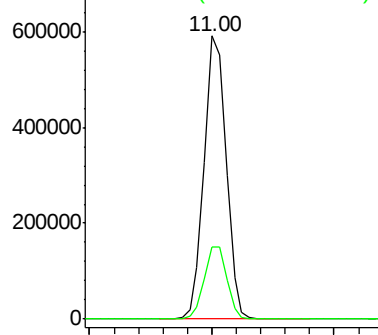
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.147 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion: 43 Resp: 304611

Ion Ratio Lower Upper

43 100

70 49.3 39.8 59.6

55 26.5 21.7 32.5

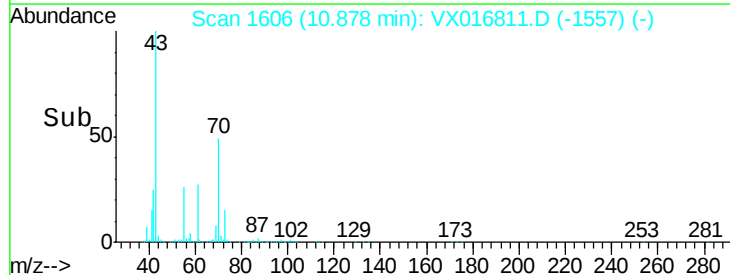
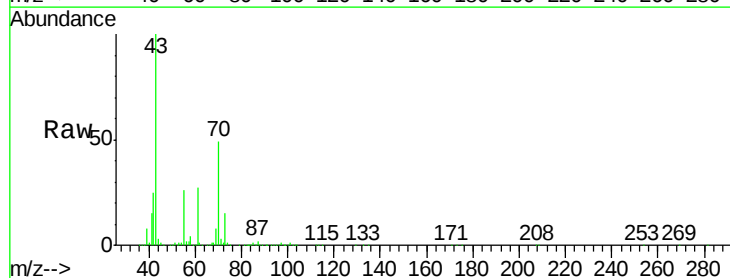
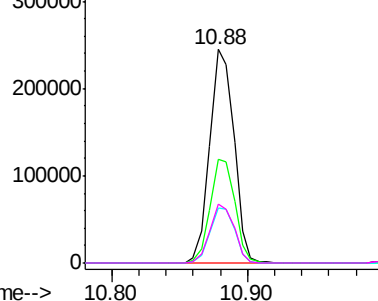
61 27.4 21.6 32.4

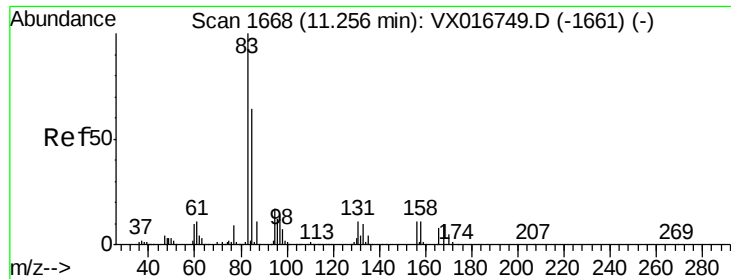
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 42.884 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

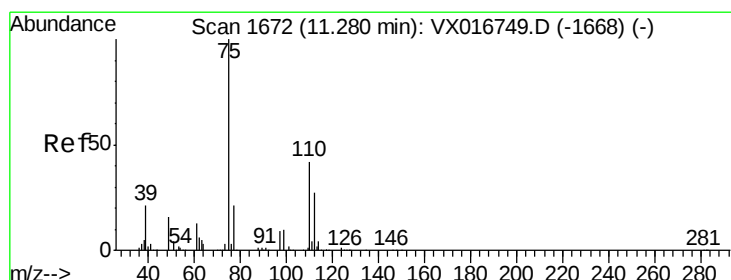
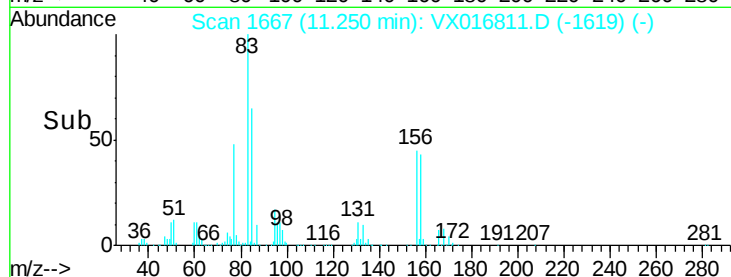
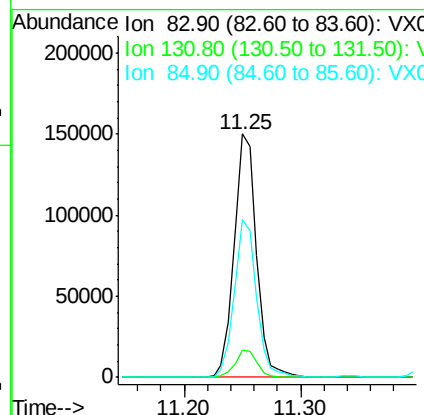
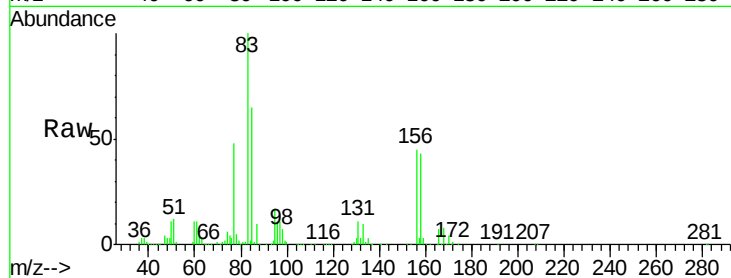
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	201166
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	64.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 43.368 ug/l m

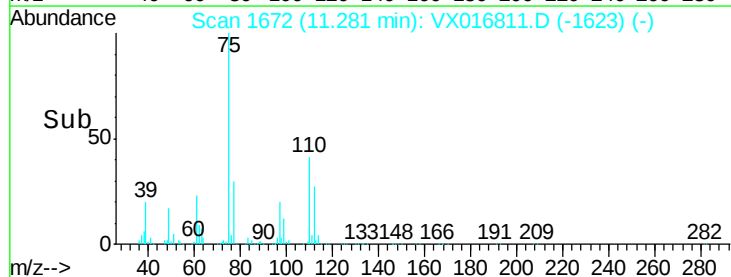
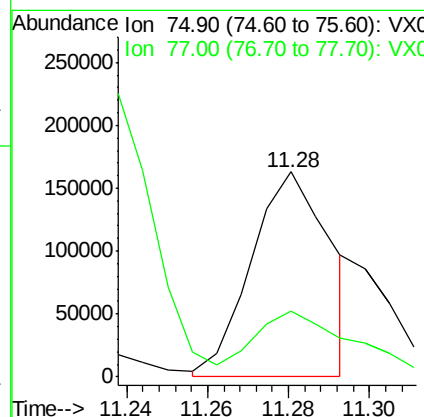
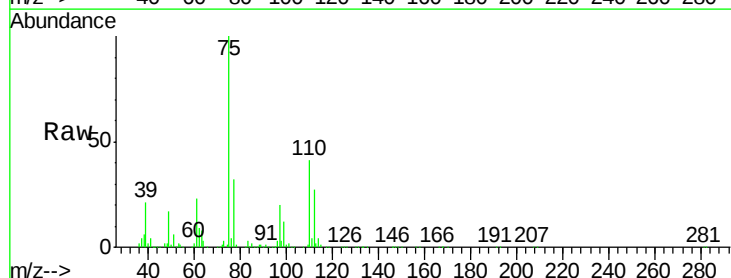
RT: 11.28 min Scan# 1672

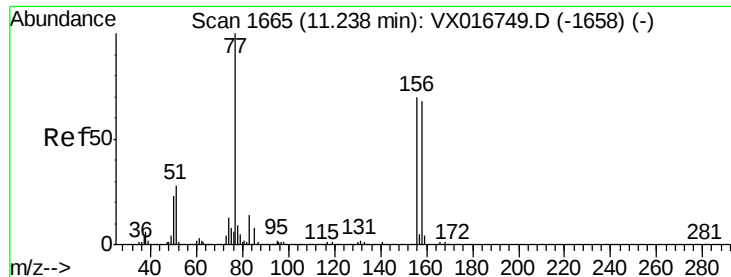
Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion:	75	Resp:	221644
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.3	60.9





#77

Bromobenzene

Concen: 43.923 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

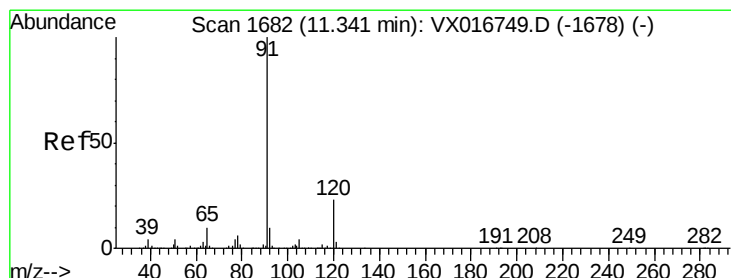
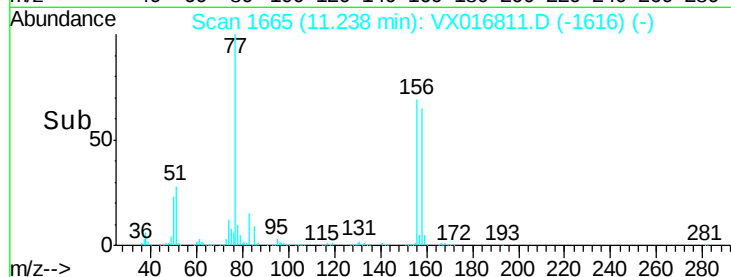
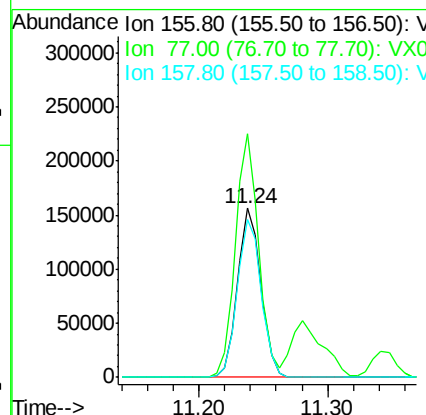
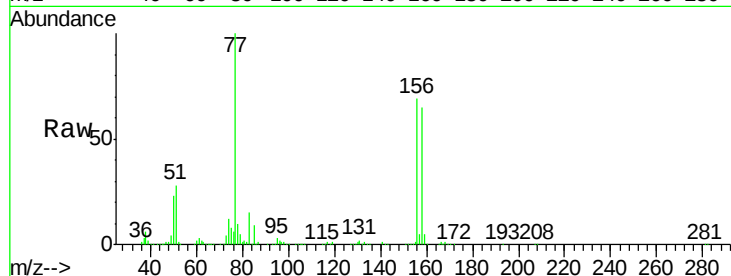
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	197767
Ion Ratio	Lower	Upper	
156	100		
77	144.2	73.2	219.6
158	95.9	48.8	146.4

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#78

n-propylbenzene

Concen: 46.732 ug/l

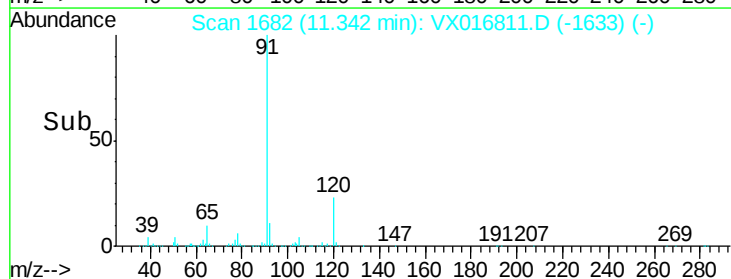
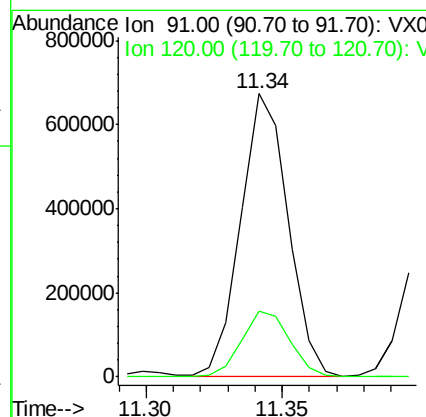
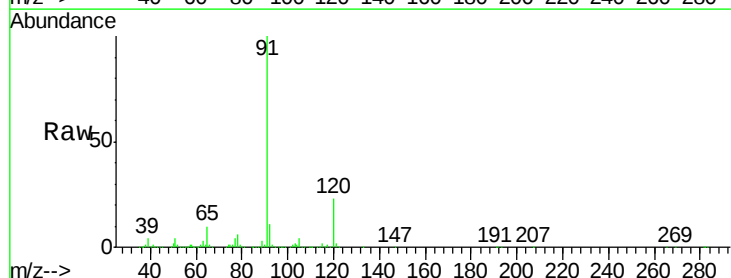
RT: 11.34 min Scan# 1682

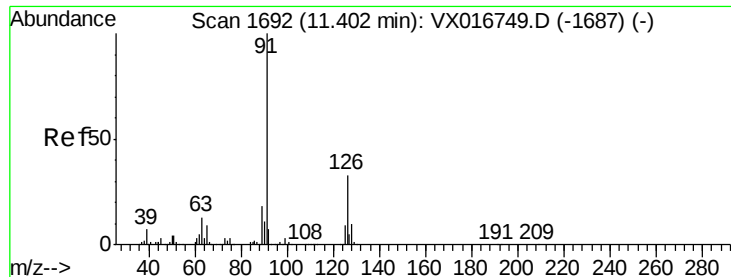
Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion:	91	Resp:	809301
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 45.095 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 493837

Ion Ratio Lower Upper

91 100

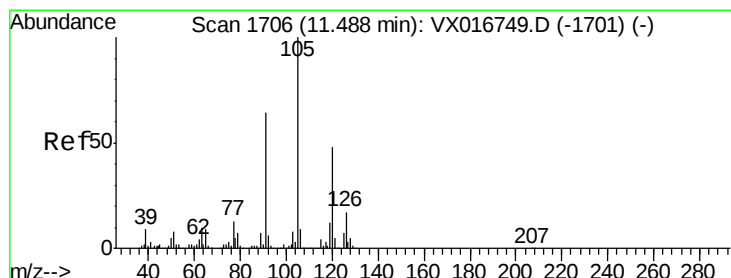
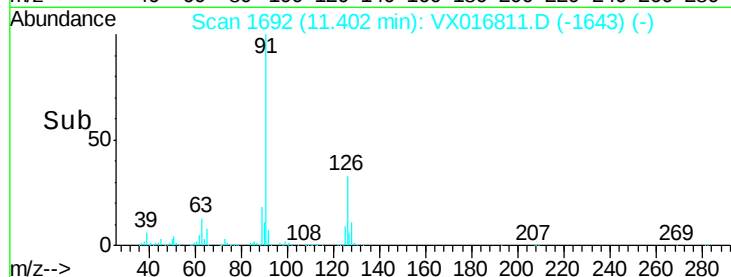
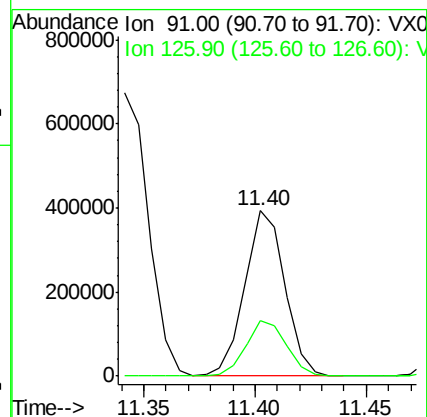
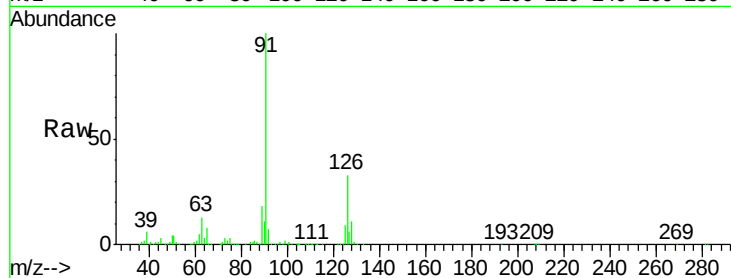
126 33.9 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 46.714 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016811.D

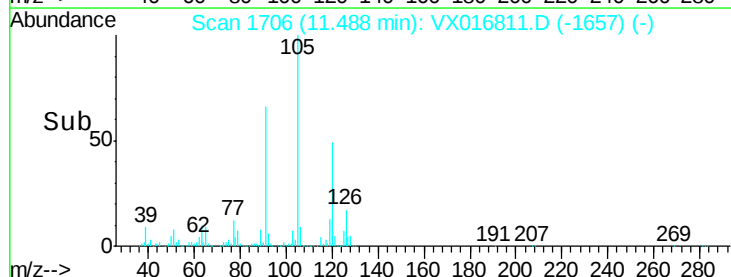
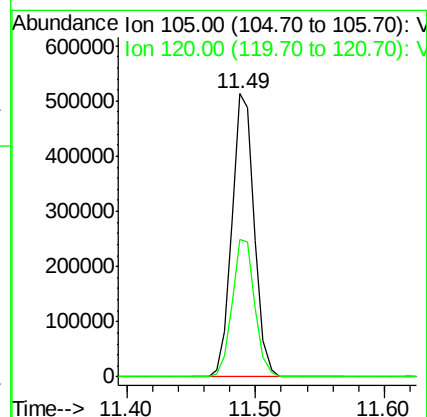
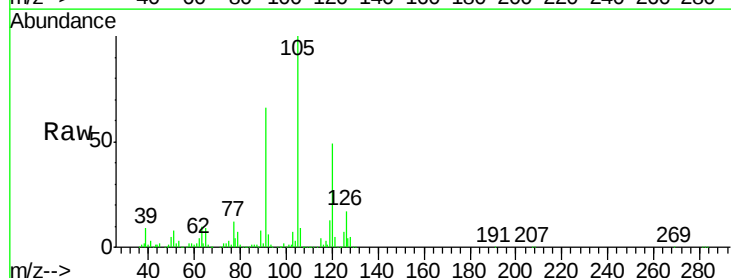
Acq: 17 Jun 2020 04:43

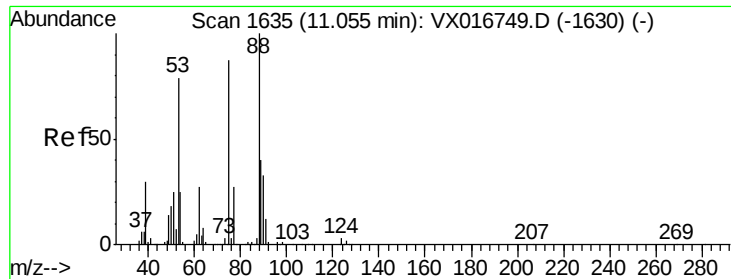
Tgt Ion: 105 Resp: 624468

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4





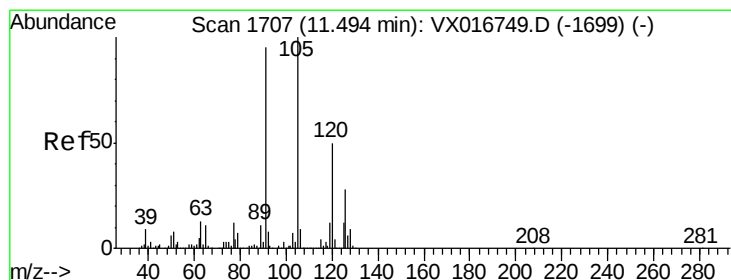
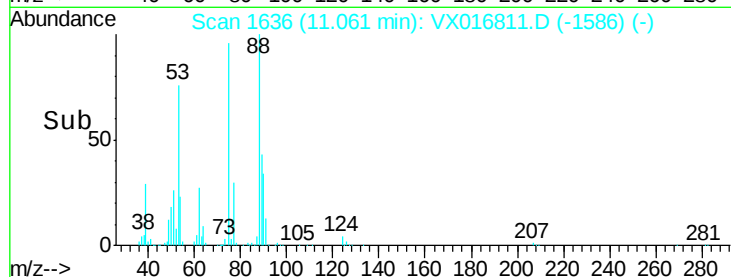
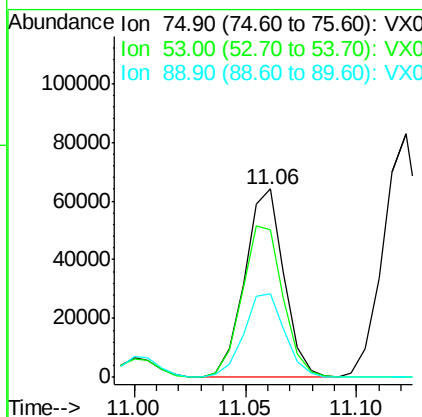
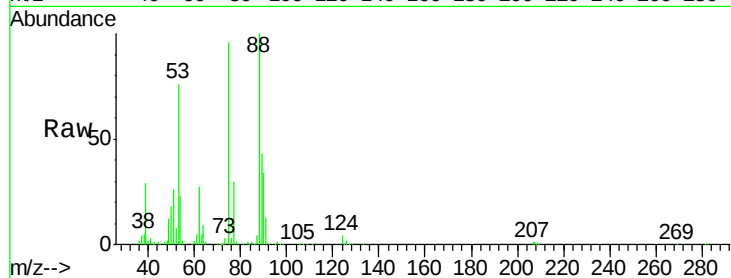
#81
trans-1,4-Dichloro-2-butene
Concen: 38.815 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.7	71.4	107.0
89	46.5	39.1	58.7

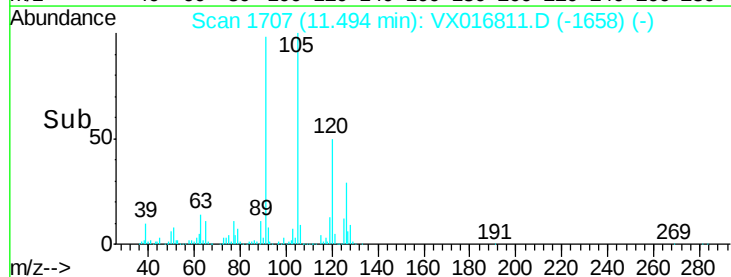
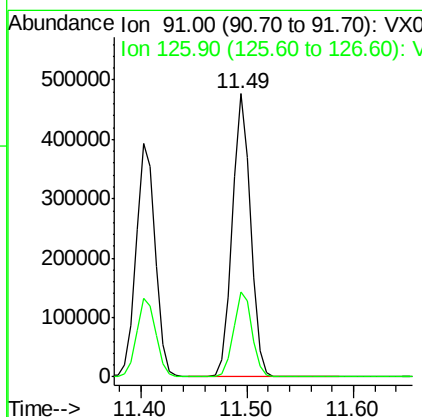
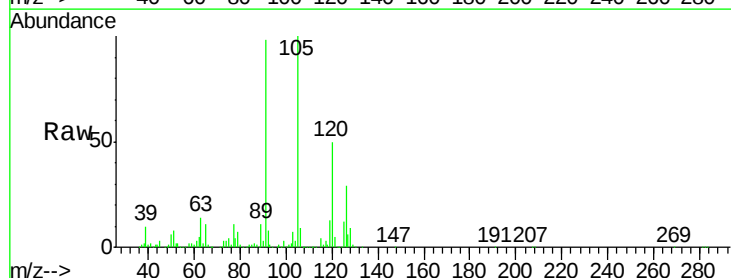
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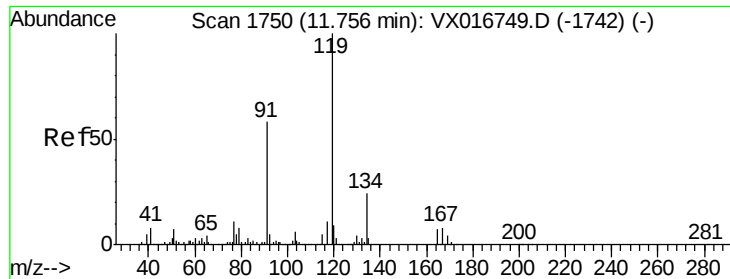
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#82
4-Chlorotoluene
Concen: 44.887 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6





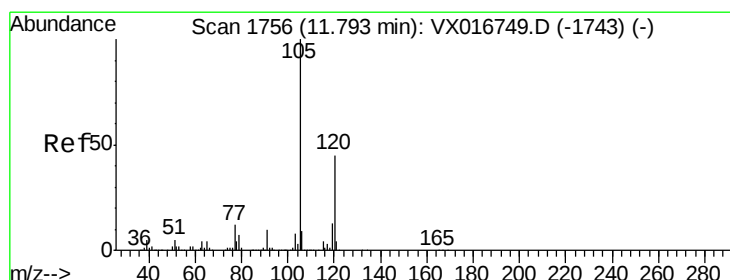
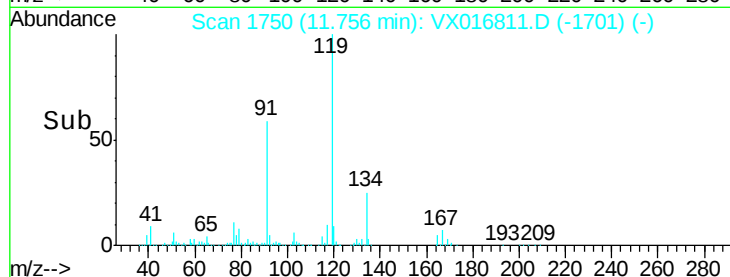
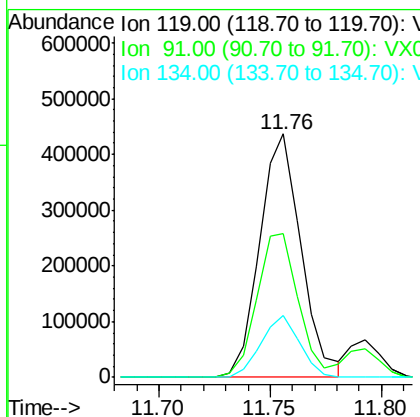
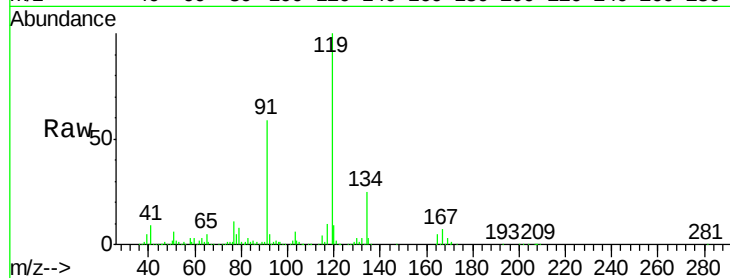
#83
tert-Butylbenzene
Concen: 46.091 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.3	88.0
134	23.7	11.8	35.3

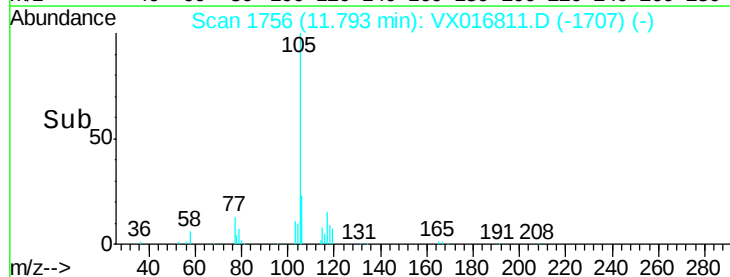
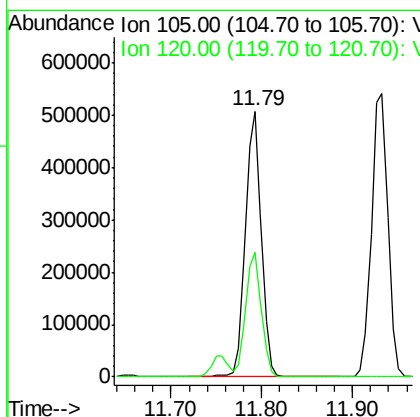
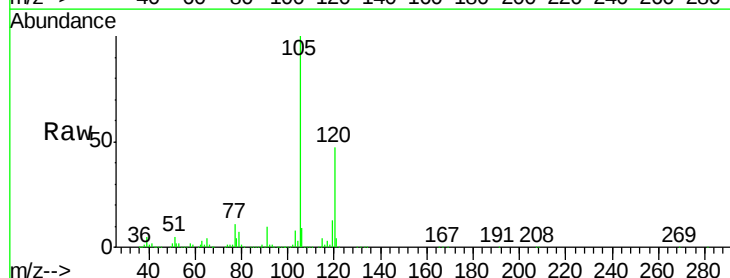
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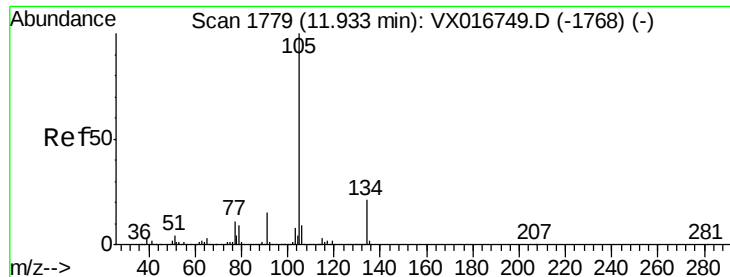
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#84
1,2,4-Trimethylbenzene
Concen: 45.468 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 47.181 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 675055

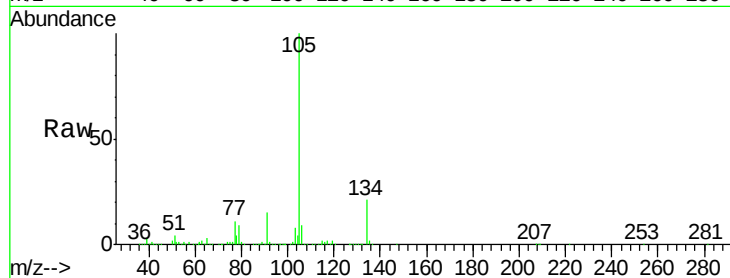
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

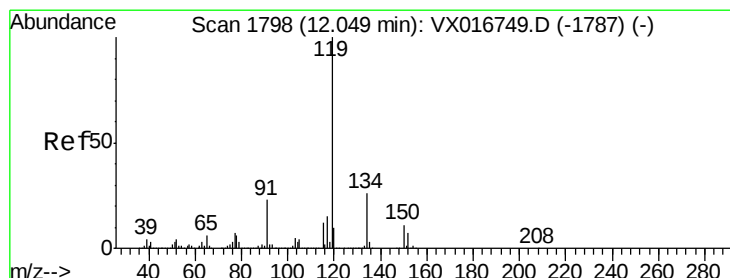
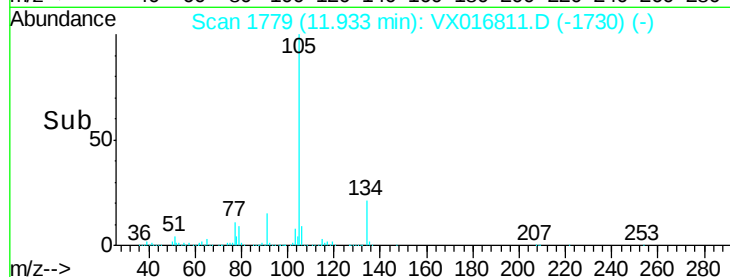
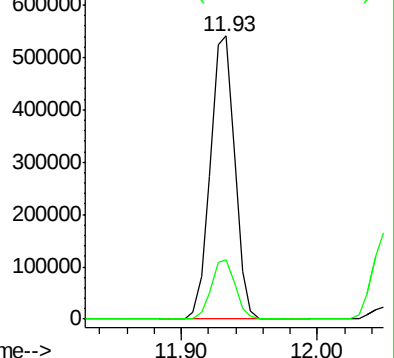
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.930 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

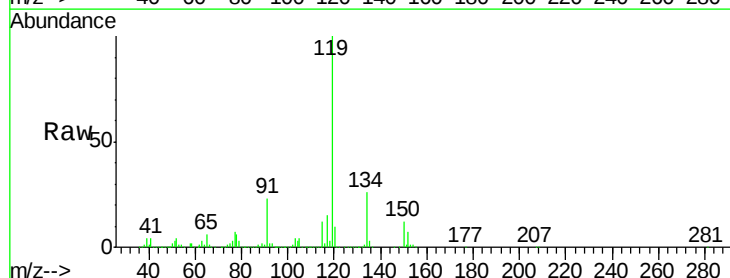
Tgt Ion:119 Resp: 726639

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

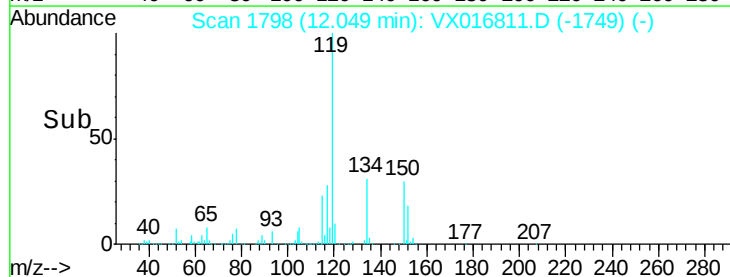
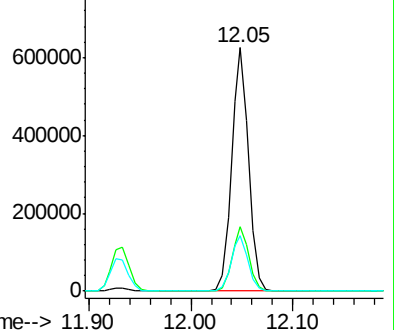
91 22.6 11.6 34.7

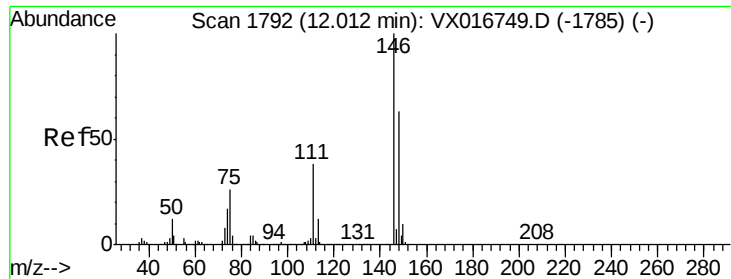


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





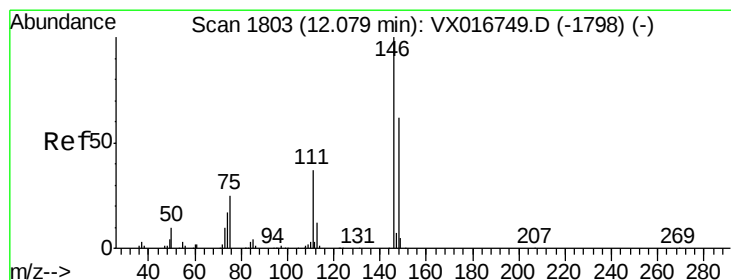
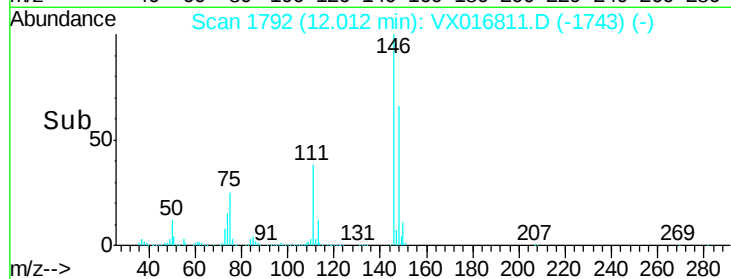
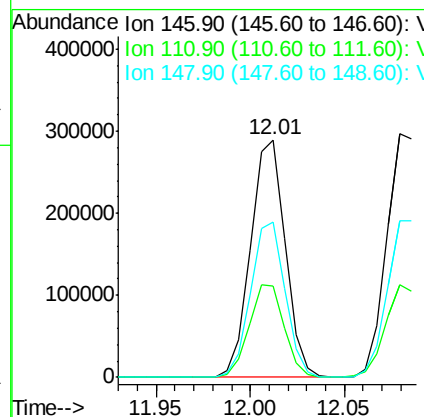
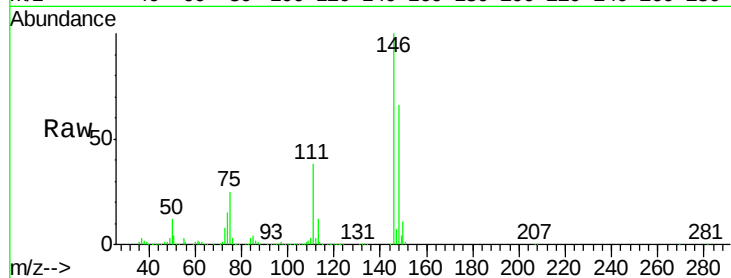
#87
 1,3-Dichlorobenzene
 Concen: 48.478 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	65.2	31.9	95.7

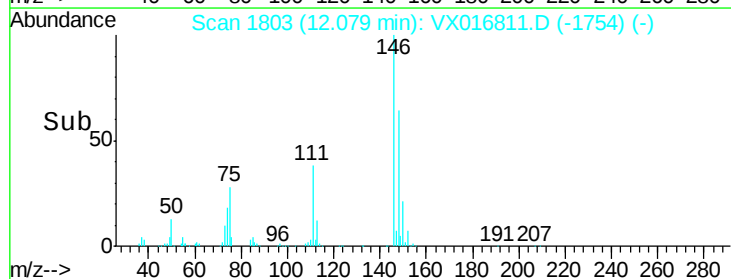
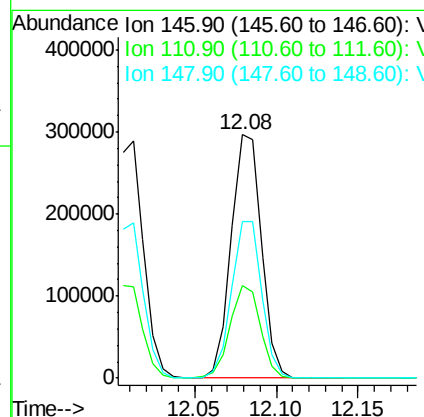
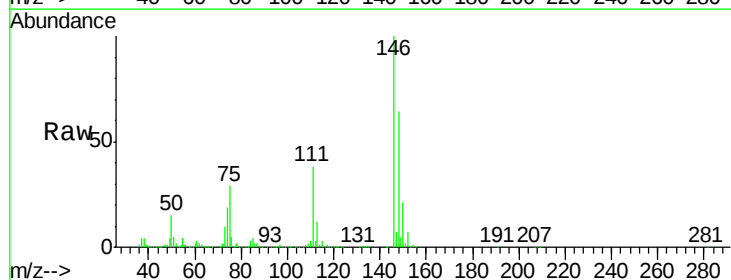
Manual Integrations
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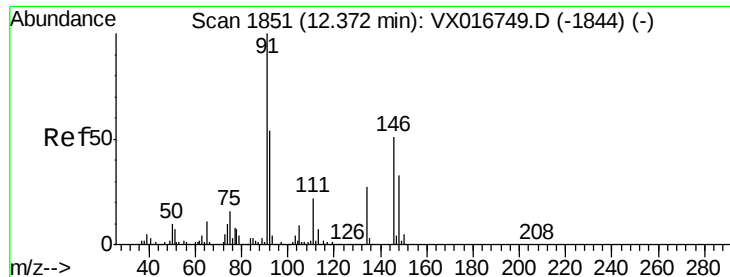
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#88
 1,4-Dichlorobenzene
 Concen: 48.450 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	64.2	32.1	96.5





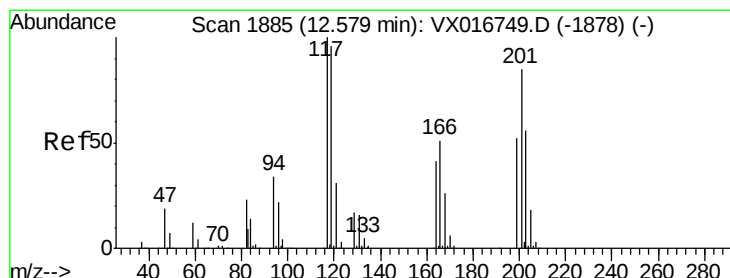
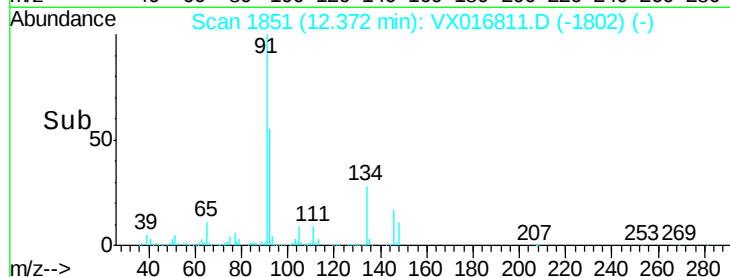
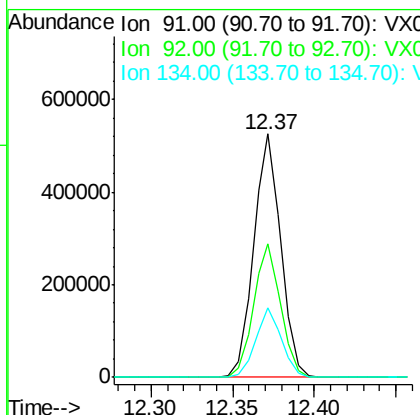
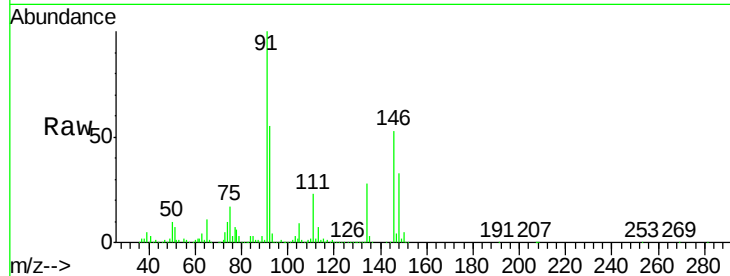
#89
n-Butylbenzene
Concen: 53.407 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	80.8
134	27.4	13.7	41.0

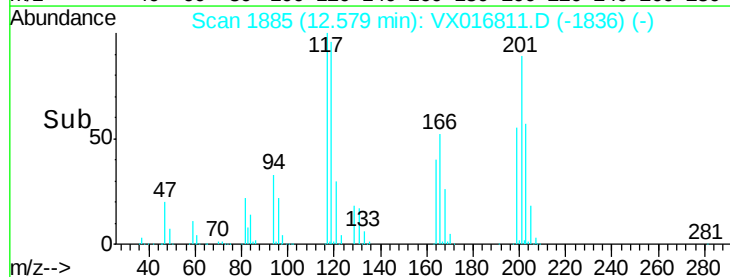
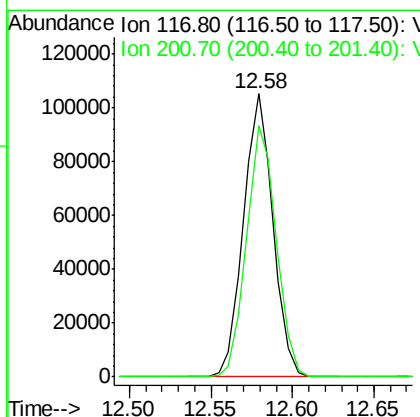
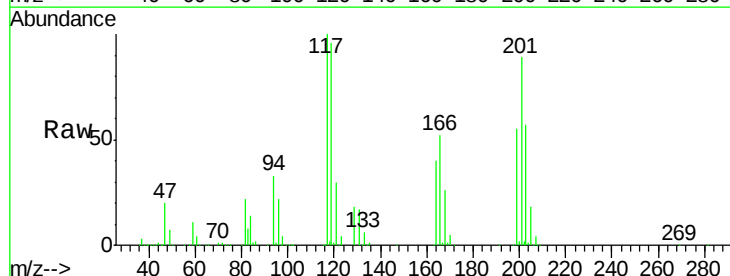
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#90
Hexachloroethane
Concen: 52.292 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016811.D
Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	45.6	136.9





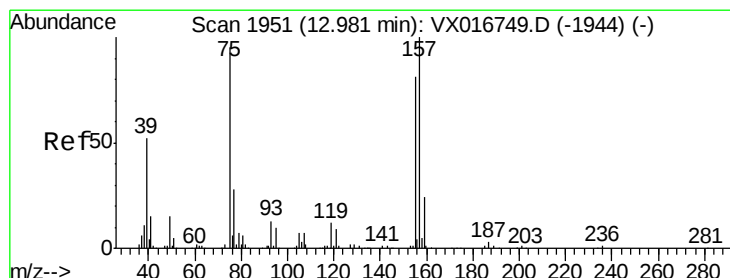
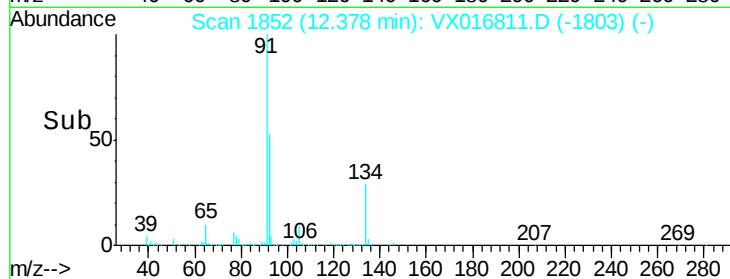
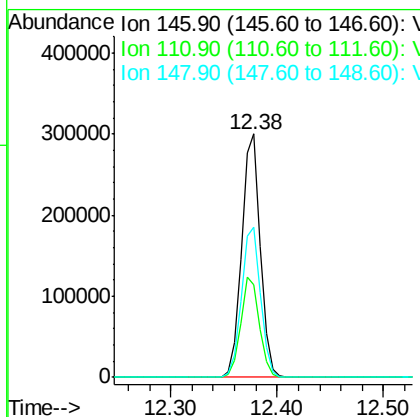
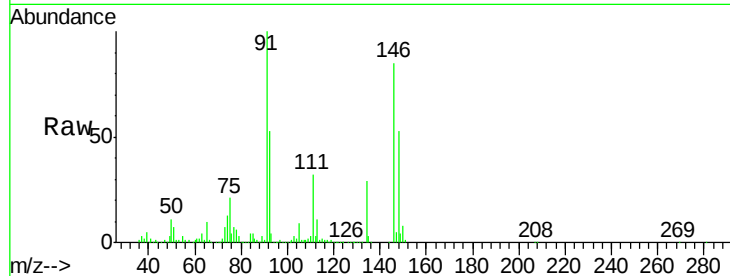
#91
 1,2-Dichlorobenzene
 Concen: 48.314 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	63.5	32.1	96.5

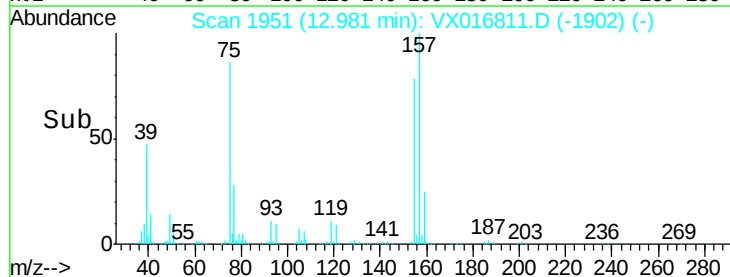
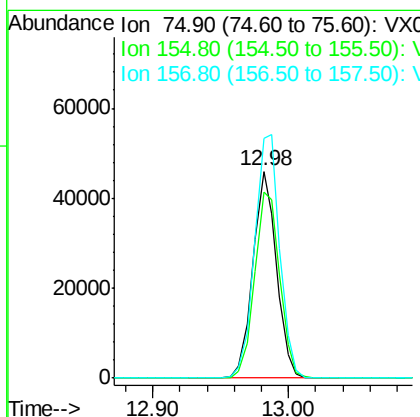
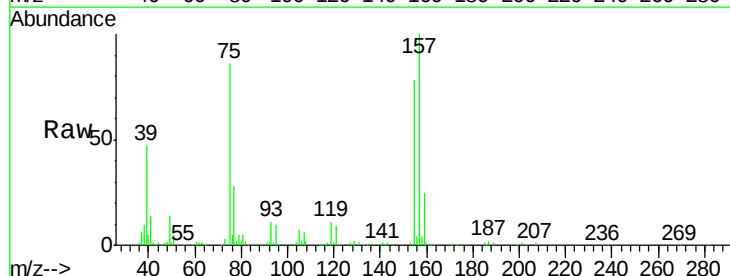
Manual Integrations
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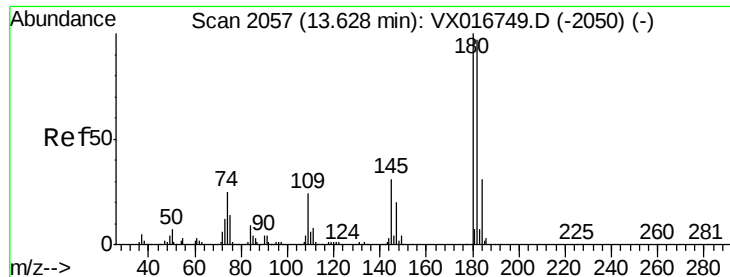
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.828 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.9	140.7
157	124.8	59.6	178.7





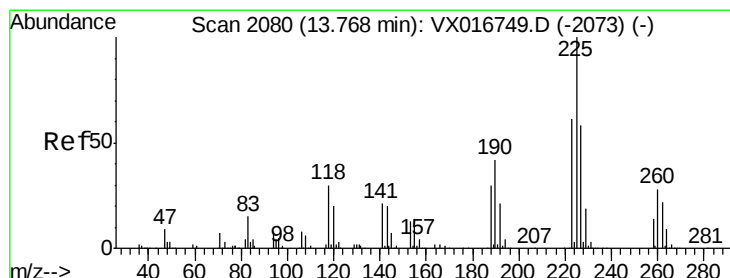
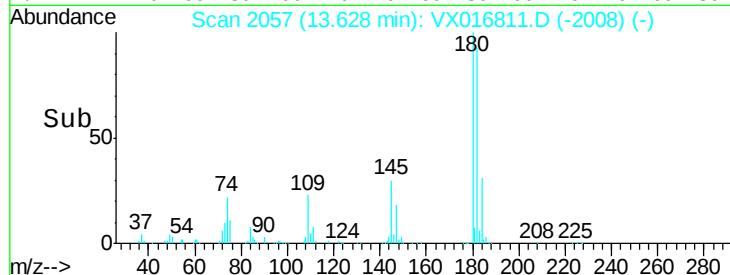
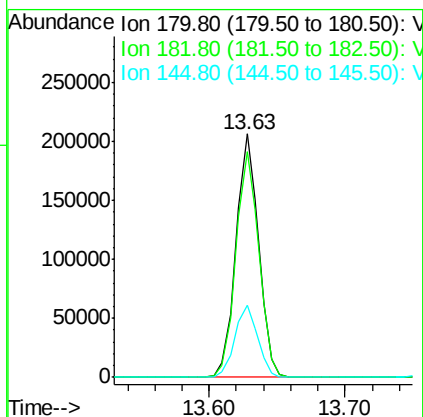
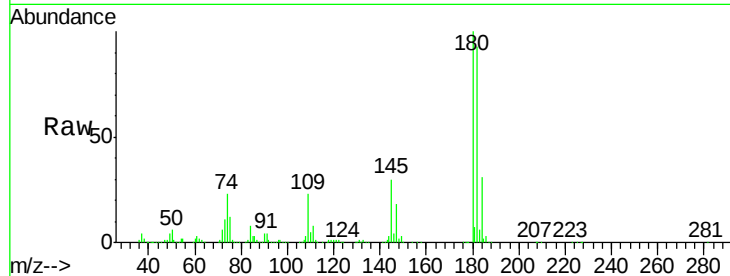
#93
 1,2,4-Trichlorobenzene
 Concen: 44.577 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	237638		
182	94.5	48.6	145.8	
145	29.8	15.4	46.4	

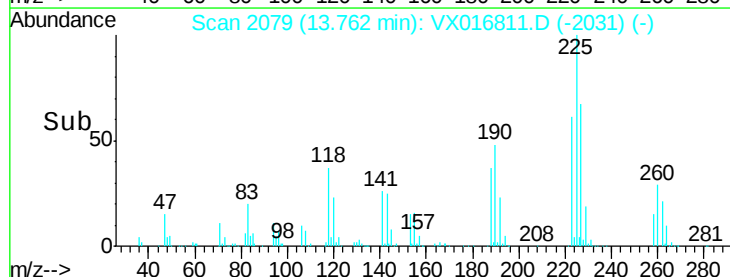
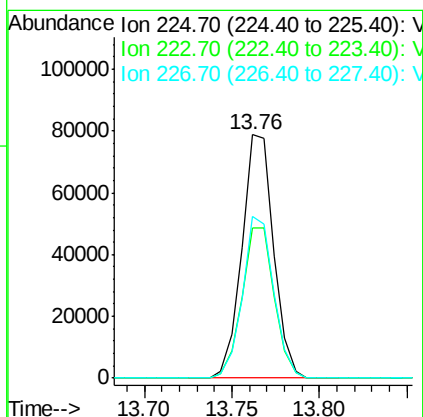
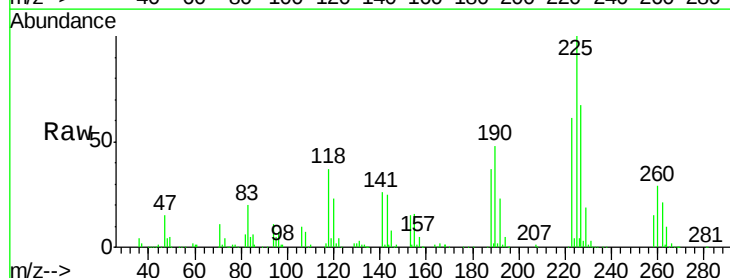
Manual Integrations
 APPROVED

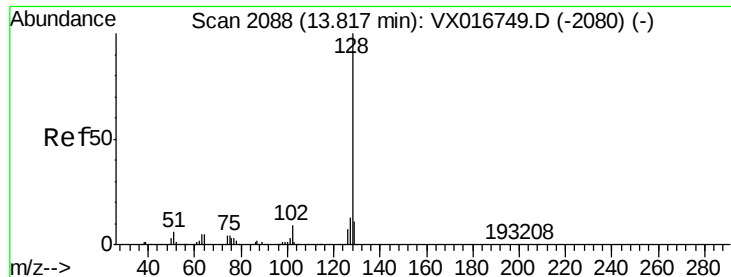
MMDadoda
 6/17/2020 9:30:06 AM



#94
 Hexachlorobutadiene
 Concen: 42.279 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016811.D
 Acq: 17 Jun 2020 04:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99027		
223	63.0	31.1	93.5	
227	65.1	30.9	92.7	





#95

Naphthalene

Concen: 46.655 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Instrument :

MSVOA_X

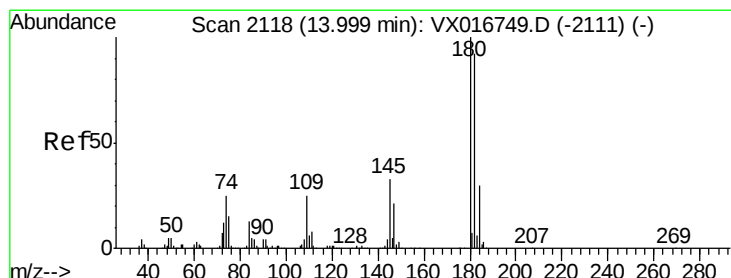
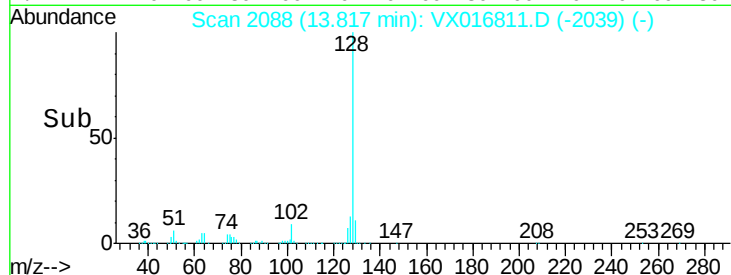
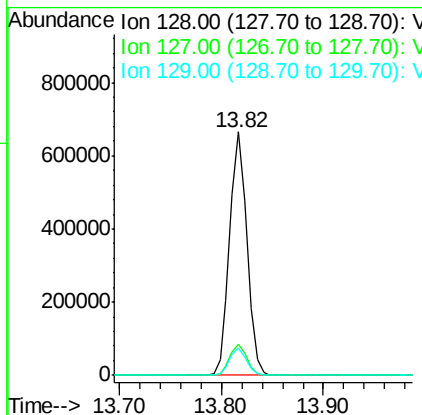
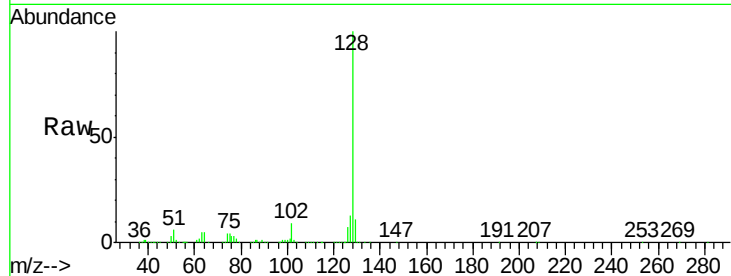
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	779168
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:30:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.714 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016811.D

Acq: 17 Jun 2020 04:43

Tgt Ion:	180	Resp:	239864
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.1	141.4
145	31.7	15.9	47.7

