

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016920.D
 Acq On : 20 Jun 2020 09:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:15 PM

Quant Time: Jun 22 08:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	383132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	617772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	566576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	300308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	212838	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.47	113	173062	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.70	98	663200	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	11.12	95	258182	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	213538	45.416	ug/l	98
3) Chloromethane	1.31	50	172061	36.090	ug/l	99
4) Vinyl Chloride	1.39	62	251637	46.831	ug/l	99
5) Bromomethane	1.62	94	100417	31.037	ug/l	97
6) Chloroethane	1.71	64	149646	45.218	ug/l	99
7) Trichlorofluoromethane	1.92	101	326809	43.476	ug/l	99
8) Diethyl Ether	2.17	74	133876	45.807	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	154458	38.576	ug/l	97
10) Methyl Iodide	2.49	142	92419	24.246	ug/l	96
11) Tert butyl alcohol	3.01	59	202977	260.574	ug/l	98
12) 1,1-Dichloroethene	2.36	96	166723	40.721	ug/l	100
13) Acrolein	2.27	56	168880	357.584	ug/l	99
14) Allyl chloride	2.71	41	264241	48.792	ug/l	94
15) Acrylonitrile	3.12	53	469508	263.020	ug/l	99
16) Acetone	2.42	43	361924	216.368	ug/l	99
17) Carbon Disulfide	2.55	76	462347	43.696	ug/l	99
18) Methyl Acetate	2.75	43	231382	54.397	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	574113	49.204	ug/l	100
20) Methylene Chloride	2.84	84	183061	45.636	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	181217	46.889	ug/l	99
22) Diisopropyl ether	3.82	45	543907	52.419	ug/l	96
23) Vinyl Acetate	3.78	43	2246155	262.521	ug/l	98
24) 1,1-Dichloroethane	3.67	63	317259	48.949	ug/l	99
25) 2-Butanone	4.64	43	625727	271.807	ug/l	98
26) 2,2-Dichloropropane	4.55	77	174915	28.805	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	208240	47.939	ug/l	98
28) Bromochloromethane	4.98	49	137997	51.298	ug/l	90
29) Tetrahydrofuran	5.09	42	407900	281.338	ug/l	96
30) Chloroform	5.18	83	329484	48.151	ug/l	97
31) Cyclohexane	5.55	56	339539	59.587	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	320535	49.493	ug/l	99
36) 1,1-Dichloropropene	5.77	75	277397	48.631	ug/l	97
37) Ethyl Acetate	4.79	43	246801	48.970	ug/l	99
38) Carbon Tetrachloride	5.76	117	289500	45.233	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	299771	45.198	ug/l	99
40) Benzene	6.11	78	851080	49.726	ug/l	99
41) Methacrylonitrile	5.00	41	143548	52.465	ug/l	96
42) 1,2-Dichloroethane	6.17	62	283521	46.552	ug/l	100
43) Isopropyl Acetate	6.41	43	486196	55.243	ug/l	98
44) Trichloroethene	7.19	130	233929	44.628	ug/l	98
45) 1,2-Dichloropropane	7.49	63	213569	49.637	ug/l	97
46) Dibromomethane	7.64	93	144425	49.497	ug/l	98
47) Bromodichloromethane	7.88	83	296096	47.713	ug/l	100
48) Methyl methacrylate	7.74	41	230606	55.644	ug/l	97
49) 1,4-Dioxane	7.71	88	98502	1061.774	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1370502	258.903	ug/l	99
52) Toluene	8.77	92	536204	47.225	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	312397	45.790	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	339906	46.571	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	217520	50.740	ug/l	98
56) Ethyl methacrylate	9.16	69	348625	56.175	ug/l	98
57) 1,3-Dichloropropane	9.35	76	366326	50.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804262	278.515	ug/l	96
59) 2-Hexanone	9.47	43	1047228	273.187	ug/l	99
60) Dibromochloromethane	9.57	129	248257	48.274	ug/l	99
61) 1,2-Dibromoethane	9.65	107	230518	49.550	ug/l	100
64) Tetrachloroethene	9.32	164	210342	40.091	ug/l	97
65) Chlorobenzene	10.12	112	570452	49.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	218097	49.049	ug/l	98
67) Ethyl Benzene	10.24	91	965446	49.874	ug/l	100
68) m/p-Xylenes	10.34	106	757051	100.501	ug/l	100
69) o-Xylene	10.68	106	359683	51.640	ug/l	97
70) Styrene	10.70	104	653285	55.201	ug/l	99
71) Bromoform	10.84	173	196434	52.545	ug/l #	99
73) Isopropylbenzene	11.00	105	988097	51.103	ug/l	100
74) N-amyl acetate	10.88	43	455120	67.408	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	316602	57.988	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	285005m	51.964	ug/l	
77) Bromobenzene	11.24	156	269467	51.101	ug/l	96
78) n-propylbenzene	11.34	91	1101333	51.038	ug/l	100
79) 2-Chlorotoluene	11.40	91	641005	48.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	826629	49.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	95387	42.590	ug/l	97
82) 4-Chlorotoluene	11.49	91	775770	48.978	ug/l	100
83) tert-Butylbenzene	11.76	119	790659	47.901	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	897414	52.221	ug/l	99
85) sec-Butylbenzene	11.93	105	891539	46.507	ug/l	99
86) p-Isopropyltoluene	12.05	119	868549	49.450	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	466128	48.384	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	477096	48.967	ug/l	99
89) n-Butylbenzene	12.37	91	702956	46.671	ug/l	99
90) Hexachloroethane	12.58	117	155853	49.259	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	446277	47.984	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69829	53.941	ug/l	98

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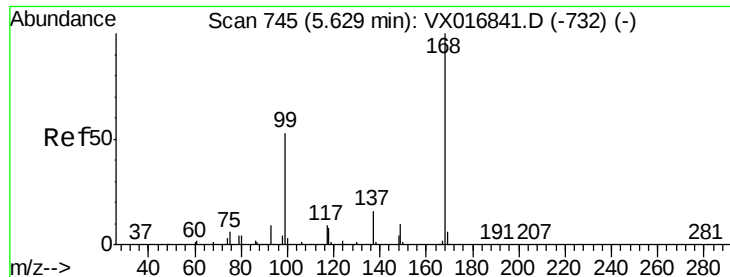
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	304134	48.698	ug/l	100
94) Hexachlorobutadiene	13.77	225	107354	38.094	ug/l	97
95) Naphthalene	13.82	128	1040542	56.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	307037	49.298	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: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 383132

Ion Ratio Lower Upper

168 100

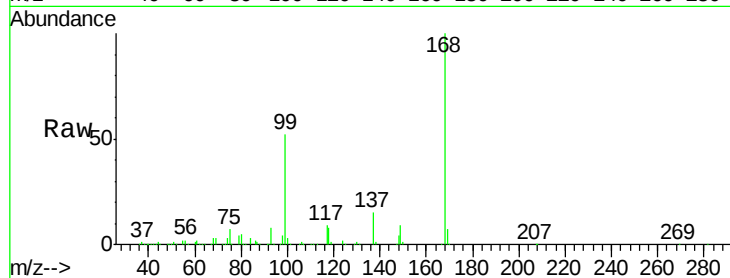
99 51.5 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

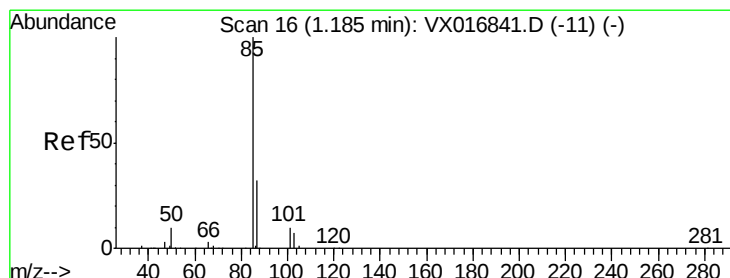
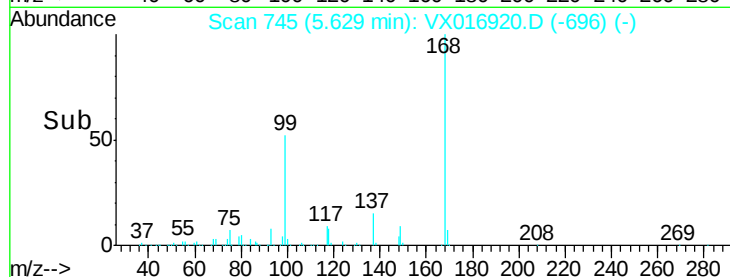
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.416 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016920.D

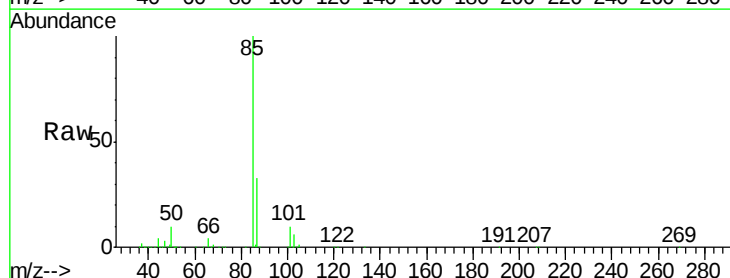
Acq: 20 Jun 2020 09:40

Tgt Ion: 85 Resp: 213538

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

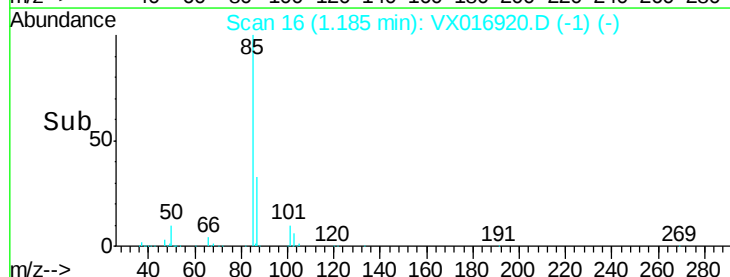
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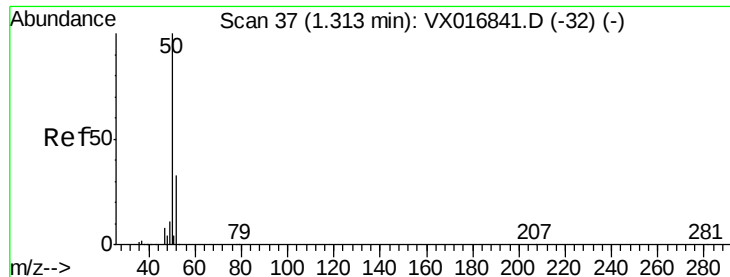
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 36.090 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 172061

Ion Ratio Lower Upper

50 100

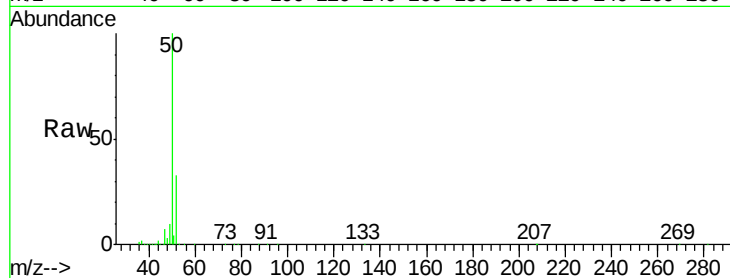
52 33.2 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

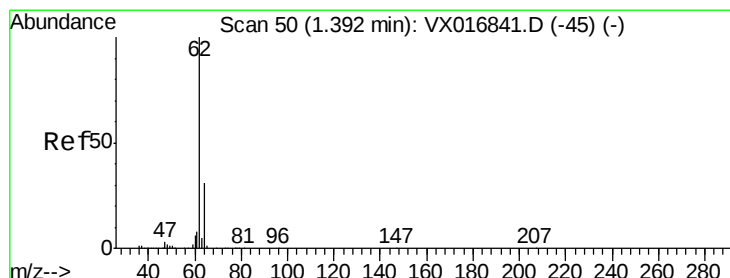
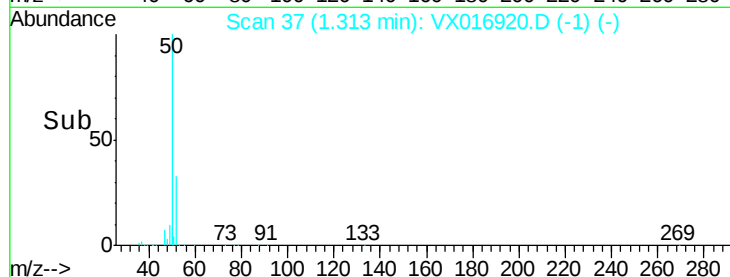
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.831 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016920.D

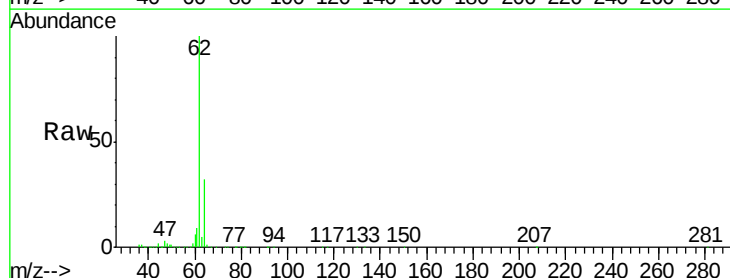
Acq: 20 Jun 2020 09:40

Tgt Ion: 62 Resp: 251637

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

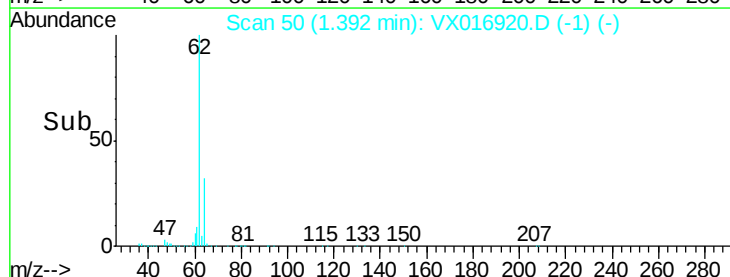
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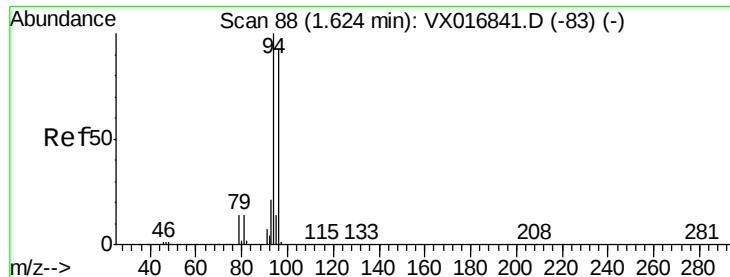
100000

50000

0

Time-->





#5

Bromomethane

Concen: 31.037 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 100417

Ion Ratio Lower Upper

94 100

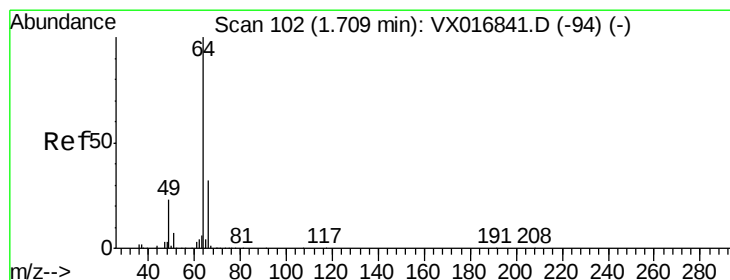
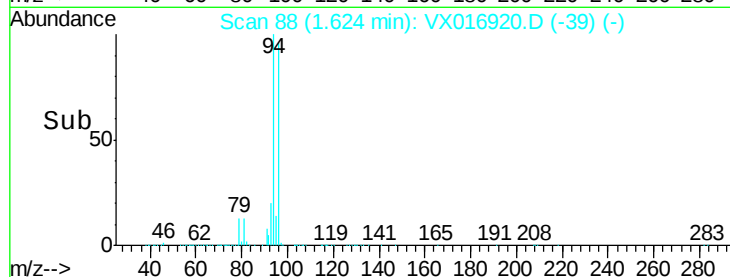
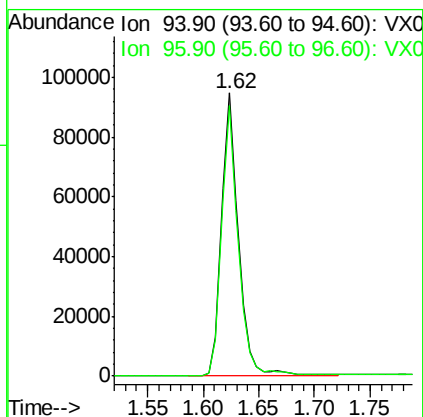
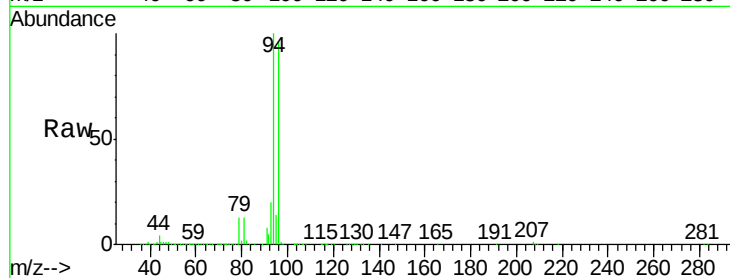
96 95.7 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 45.218 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016920.D

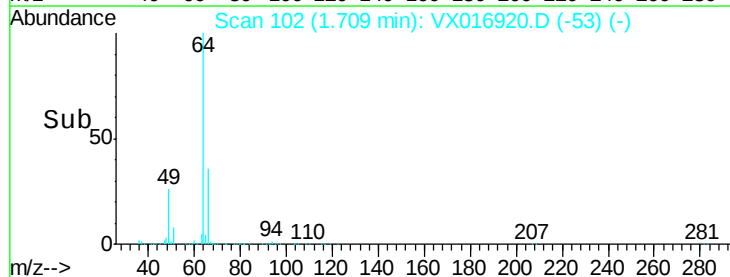
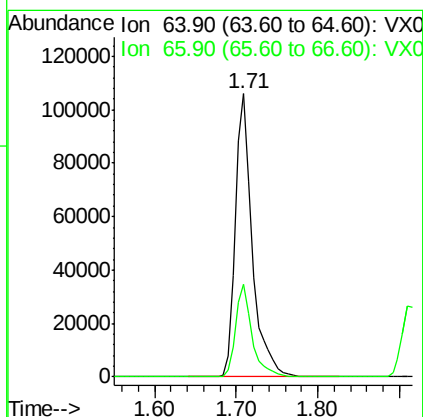
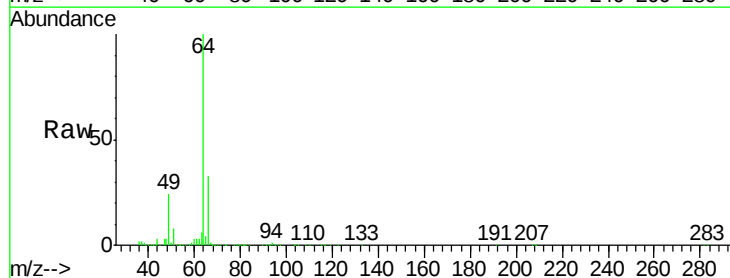
Acq: 20 Jun 2020 09:40

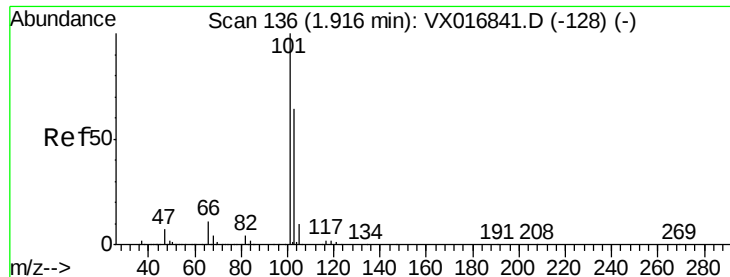
Tgt Ion: 64 Resp: 149646

Ion Ratio Lower Upper

64 100

66 32.5 25.7 38.5





#7

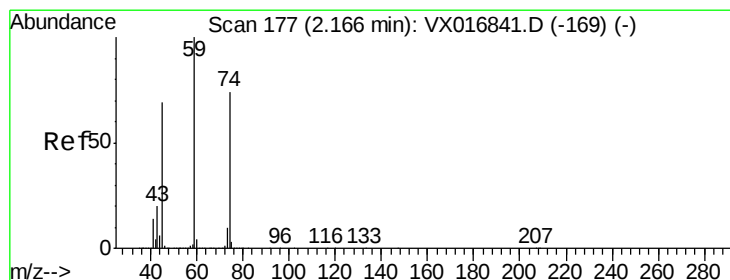
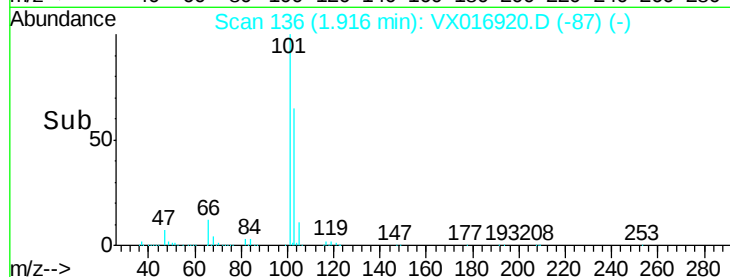
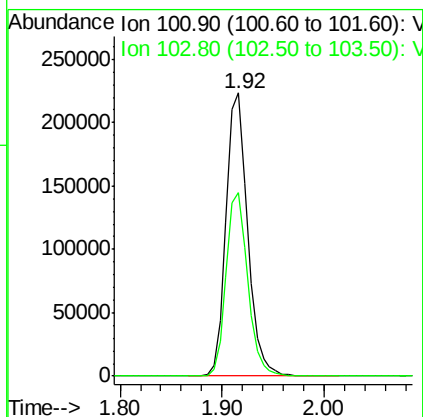
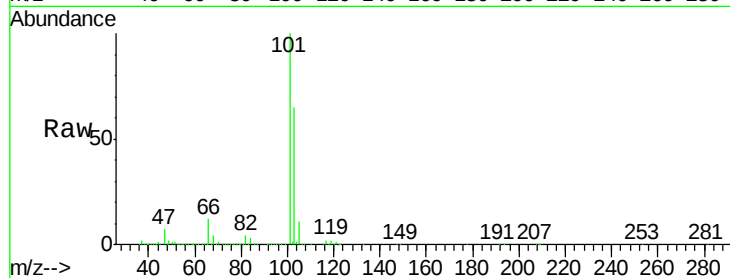
Trichlorofluoromethane
Concen: 43.476 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

Manual Integrations
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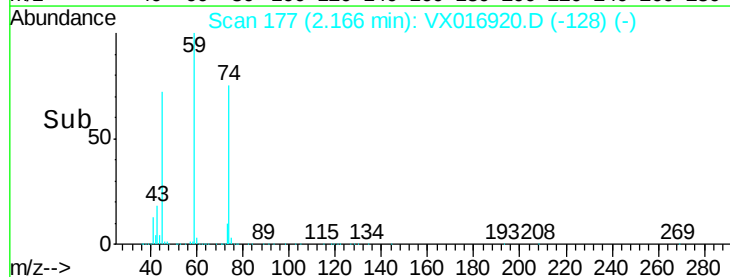
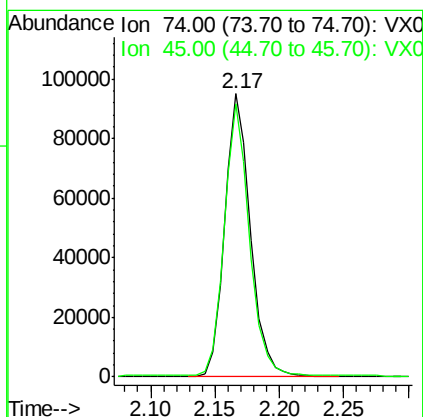
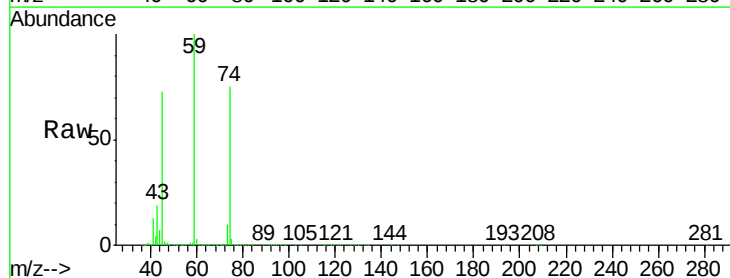
MMDadoda
6/22/2020 12:22:15 PM

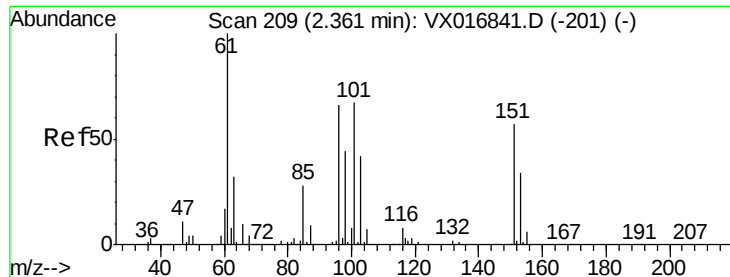


#8

Diethyl Ether
Concen: 45.807 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.576 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

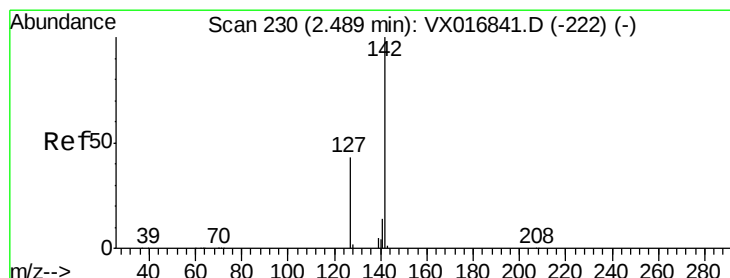
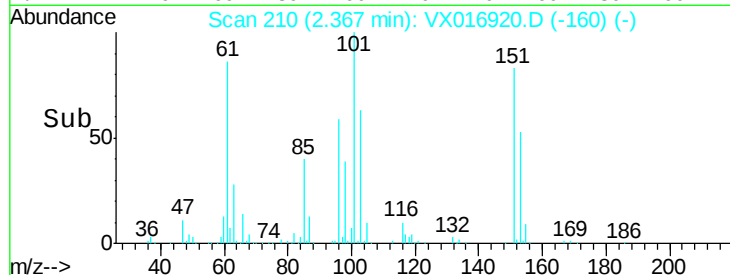
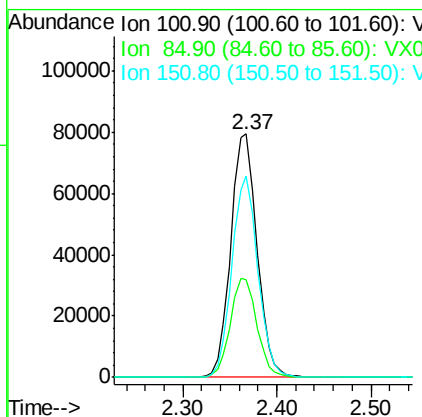
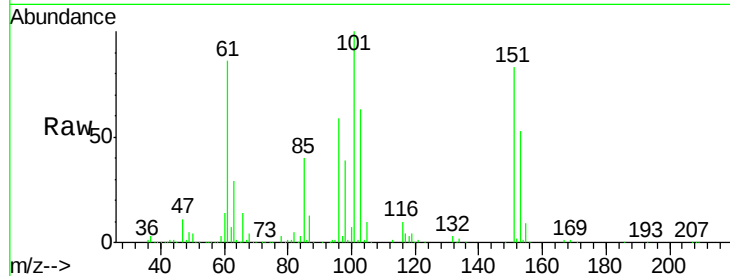
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	154458
Ion Ratio	Lower	Upper	
101	100		
85	41.2	34.3	51.5
151	81.7	67.6	101.4

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#10

Methyl Iodide

Concen: 24.246 ug/l

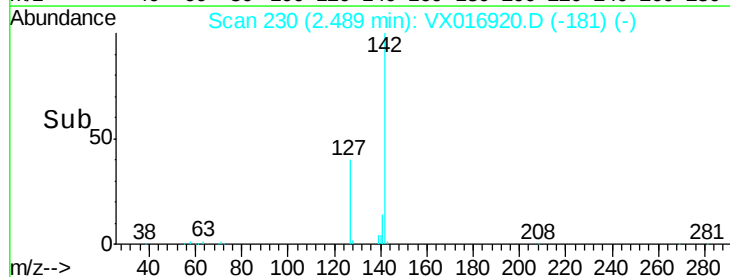
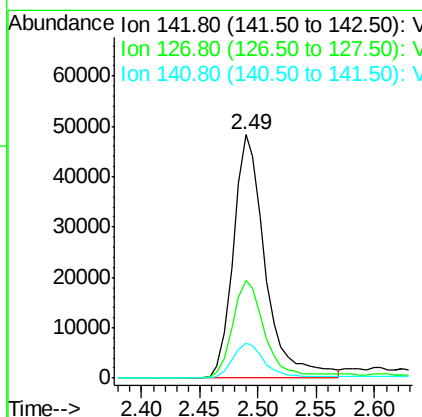
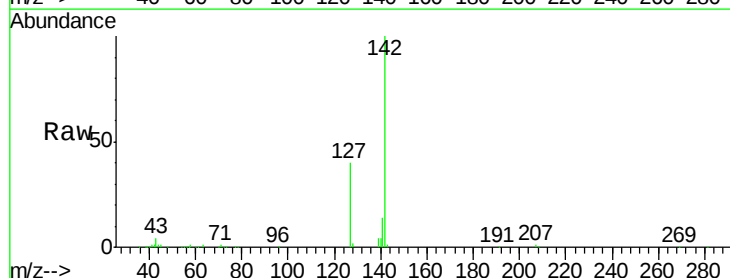
RT: 2.49 min Scan# 230

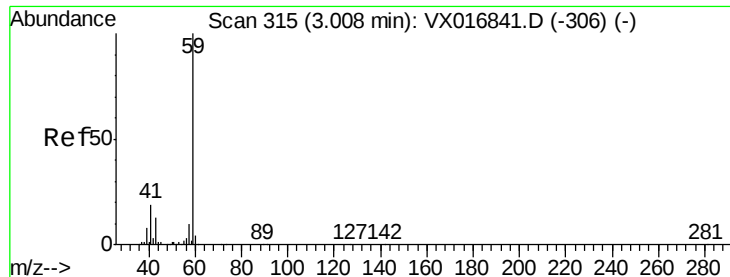
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	142	Resp:	92419
Ion Ratio	Lower	Upper	
142	100		
127	40.3	35.1	52.7
141	14.8	11.6	17.4





#11

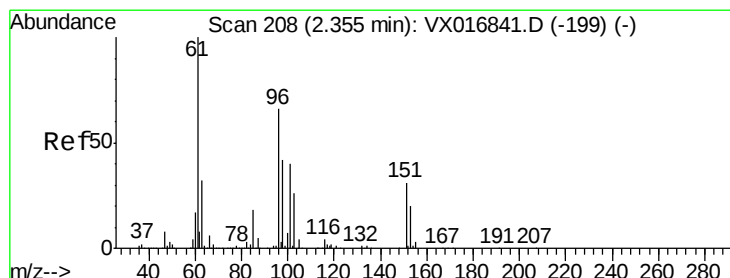
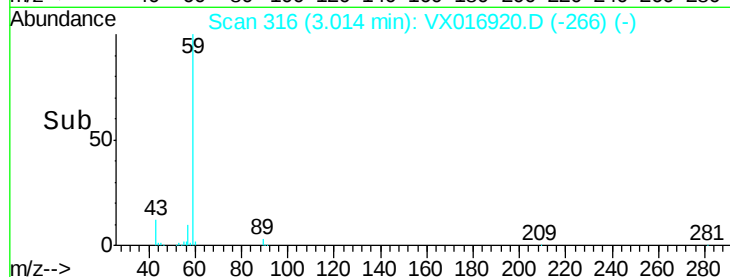
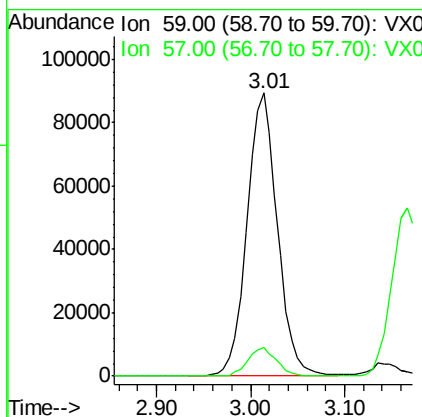
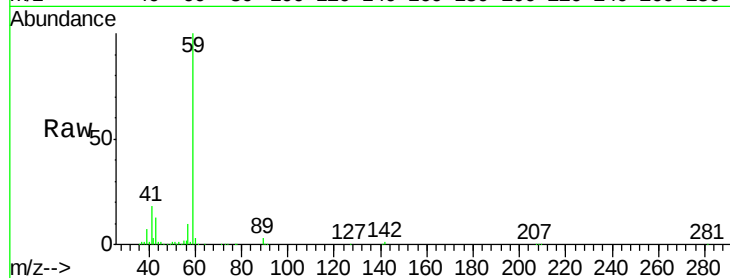
Tert butyl alcohol
Concen: 260.574 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	202977		
57	57	9.7		8.4	12.6

Manual Integrations
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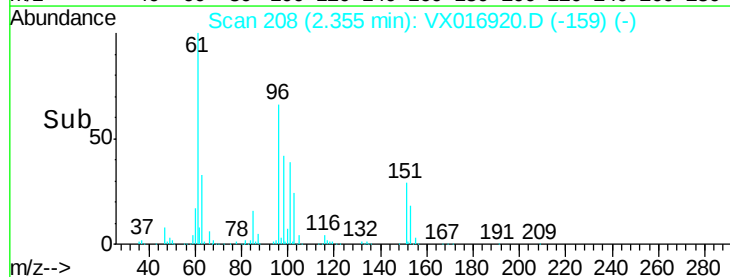
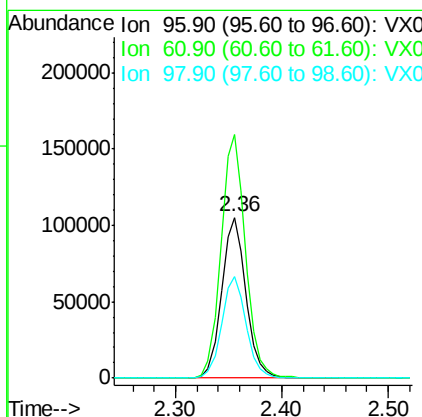
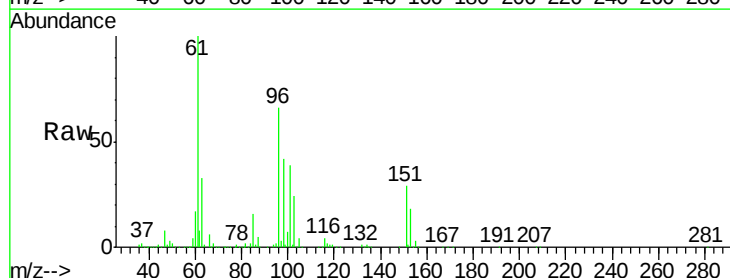
MMDadoda
6/22/2020 12:22:15 PM

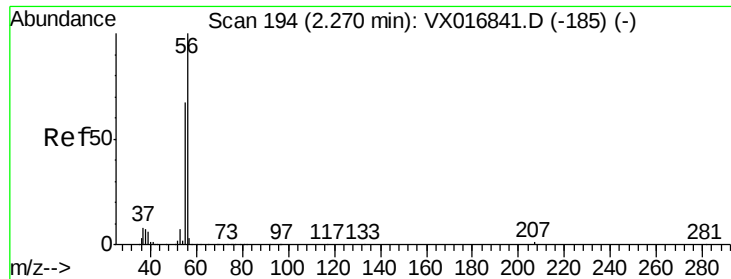


#12

1,1-Dichloroethene
Concen: 40.721 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	166723		
61	61	151.9		121.7	182.5
98	98	63.3		51.1	76.7





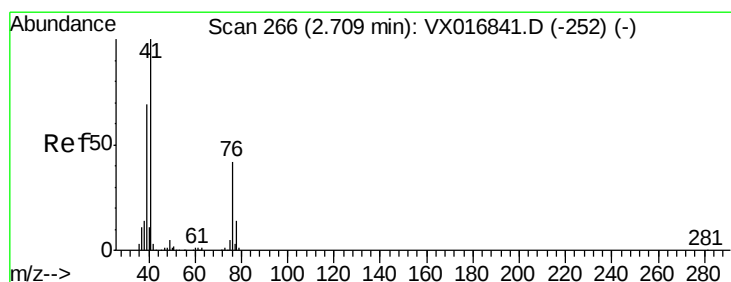
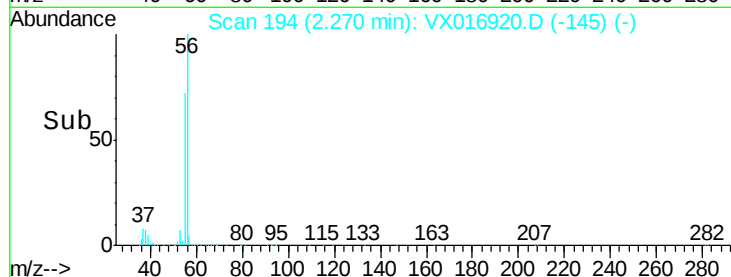
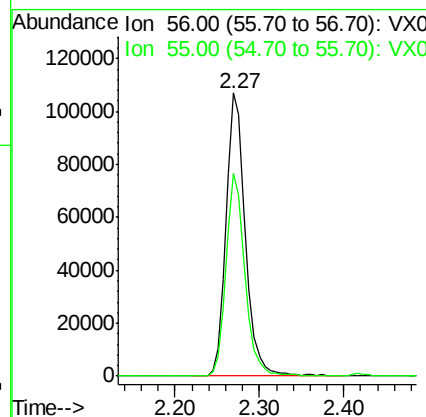
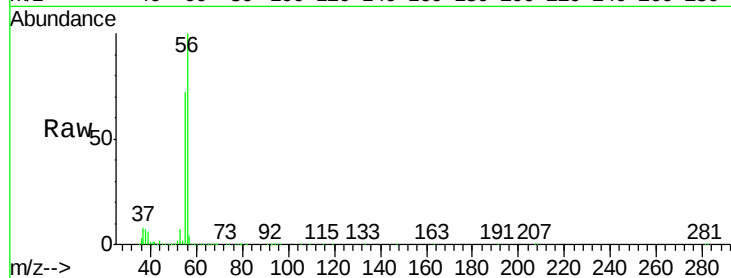
#13
Acrolein
Concen: 357.584 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.0	55.7	83.5	

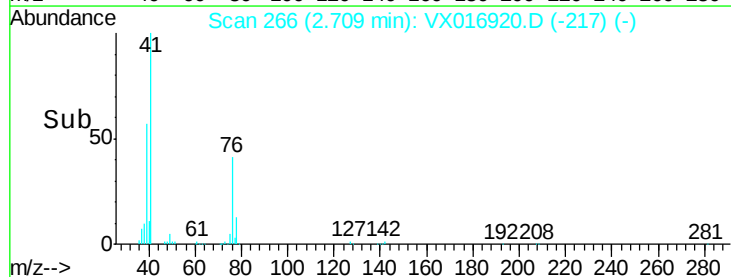
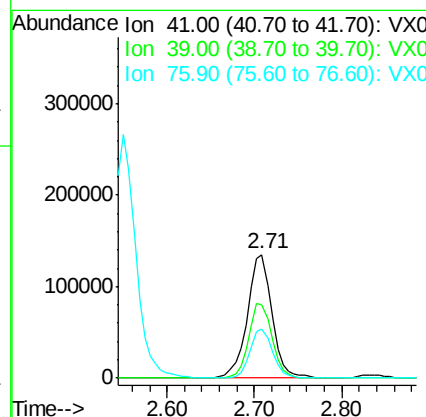
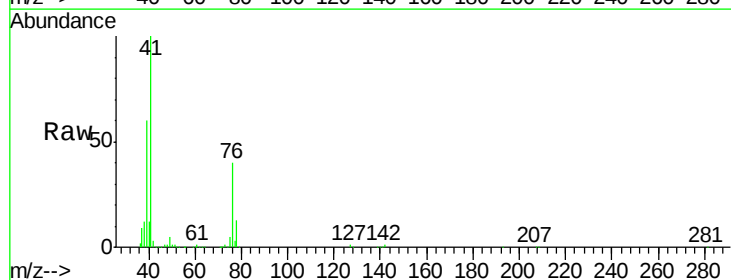
Manual Integrations
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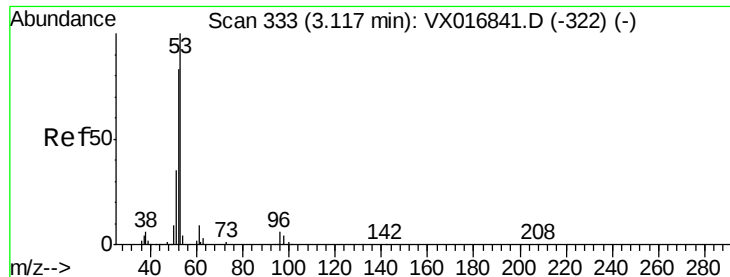
MMDadoda
6/22/2020 12:22:15 PM



#14
Allyl chloride
Concen: 48.792 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	50.7	76.1	
76	36.1	30.9	46.3	





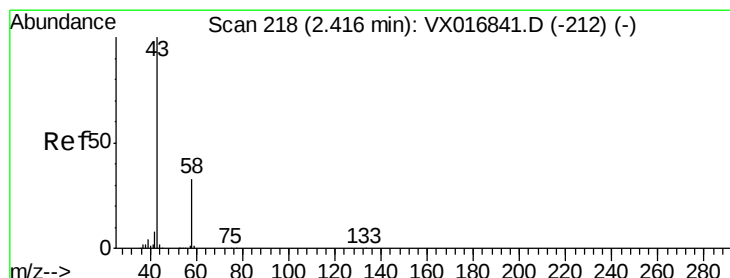
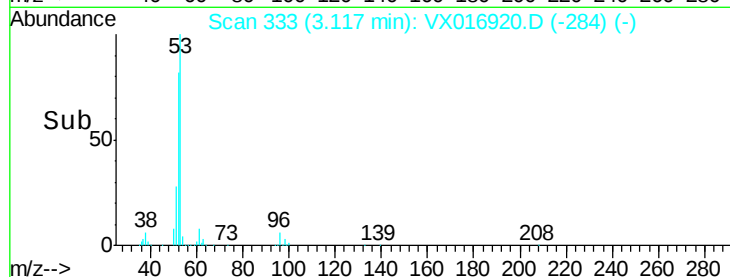
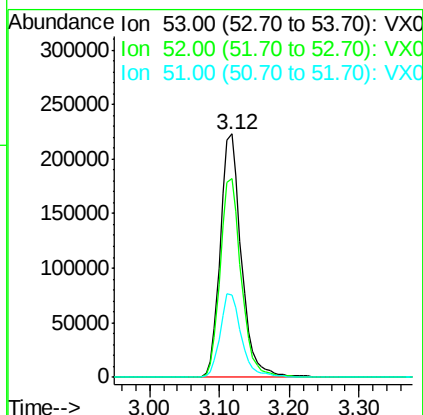
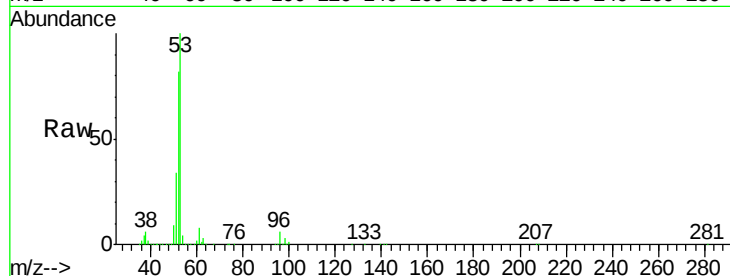
#15
Acrylonitrile
Concen: 263.020 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	53	Resp:	469508
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	34.6	28.7	43.1

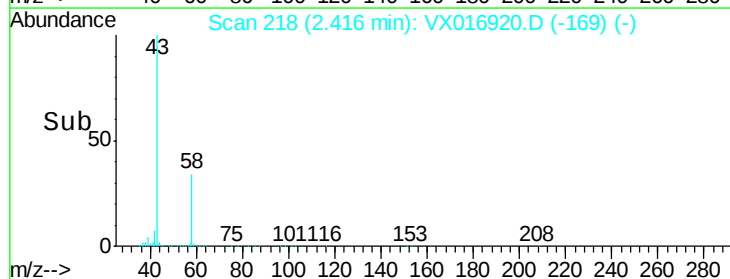
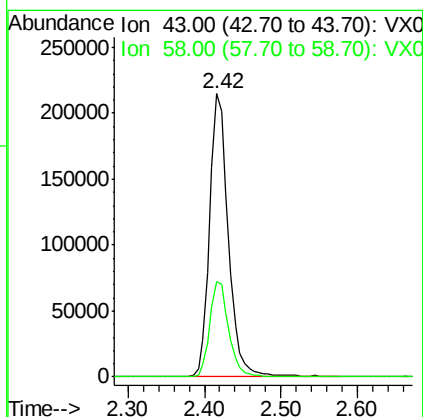
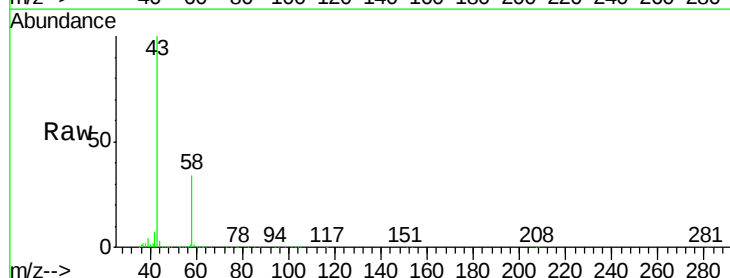
Manual Integrations
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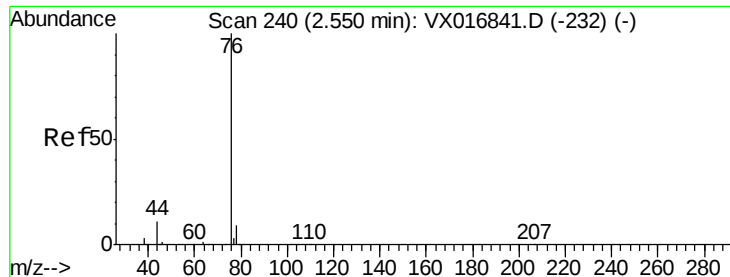
MMDadoda
6/22/2020 12:22:15 PM



#16
Acetone
Concen: 216.368 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion:	43	Resp:	361924
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.6	39.8





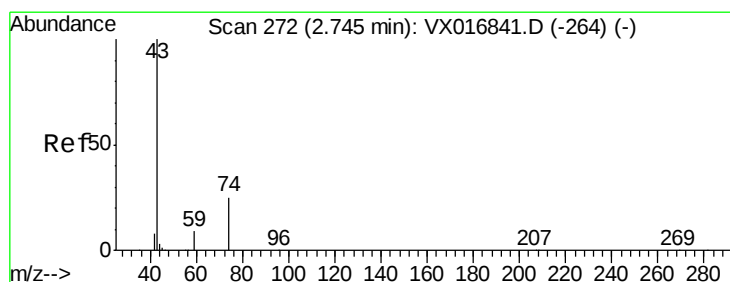
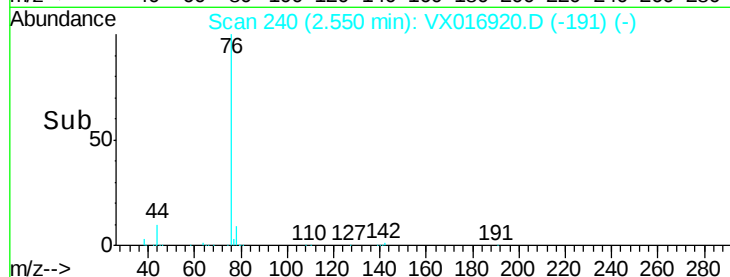
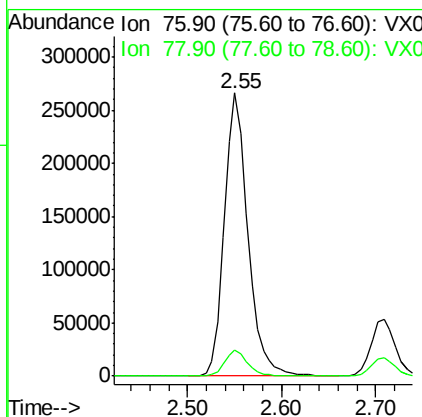
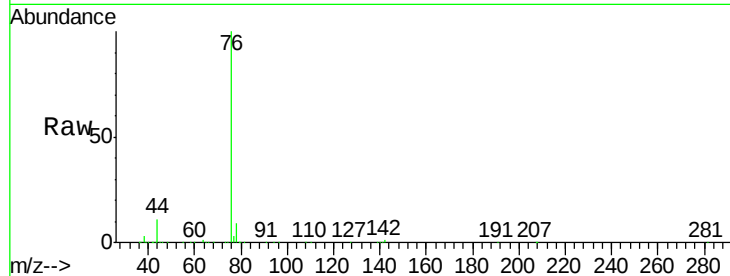
#17
Carbon Disulfide
Concen: 43.696 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

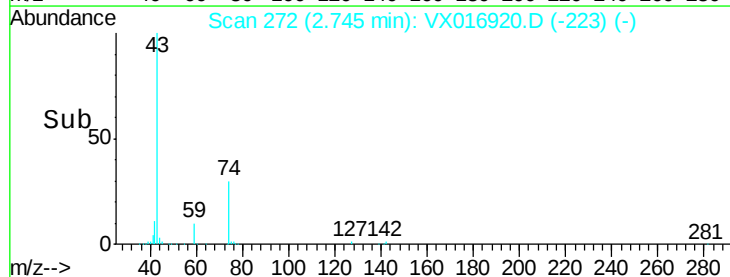
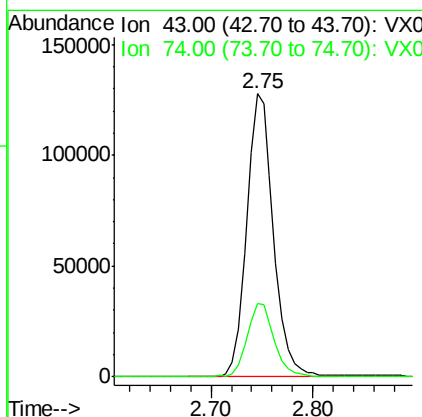
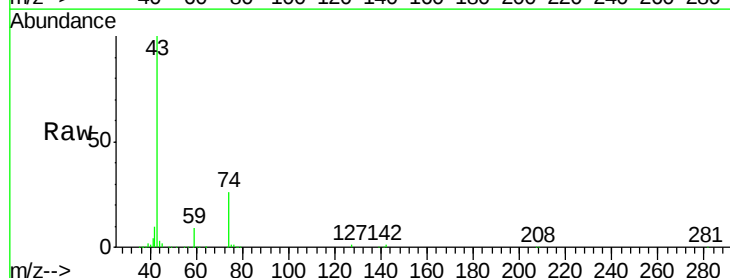
Manual Integrations
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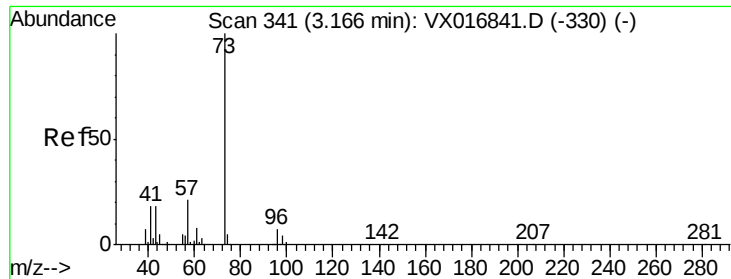
MMDadoda
6/22/2020 12:22:15 PM



#18
Methyl Acetate
Concen: 54.397 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.8	32.8





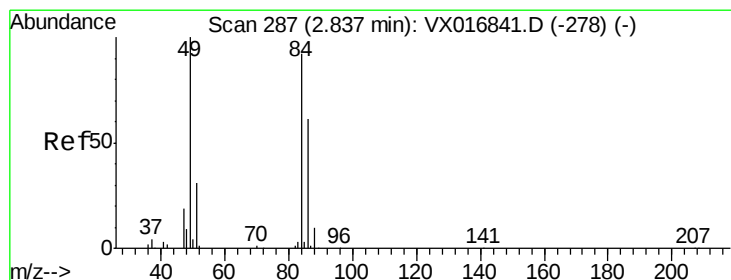
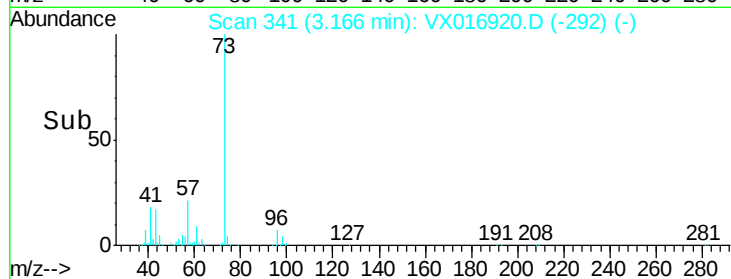
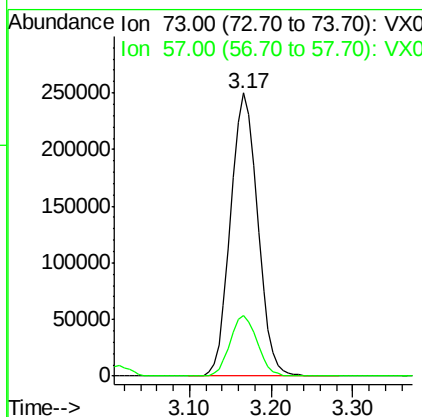
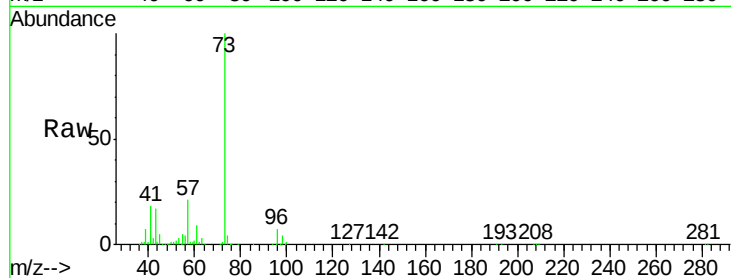
#19
Methvl tert-butvl Ether
Concen: 49.204 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

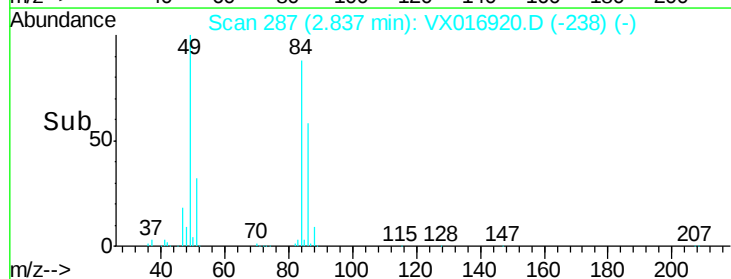
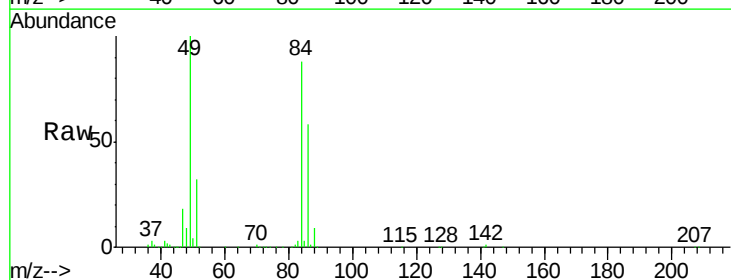
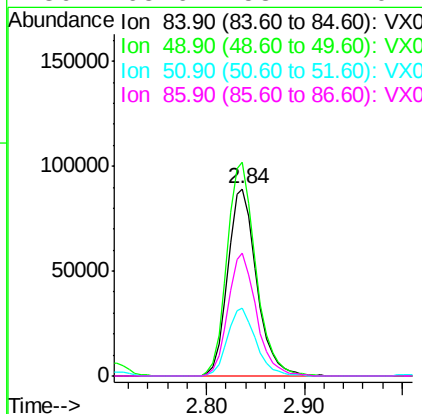
Manual Integrations
APPROVED

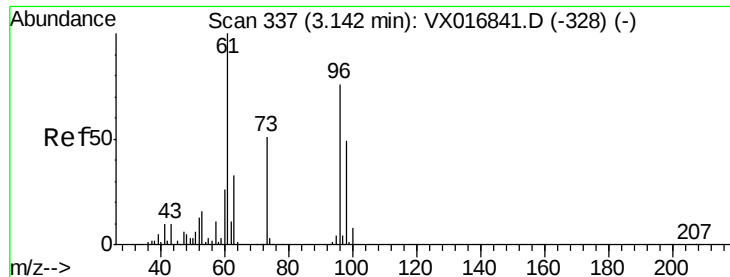
MMDadoda
6/22/2020 12:22:15 PM



#20
Methylene Chloride
Concen: 45.636 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.1	86.6	129.8
51	36.5	27.1	40.7
86	65.6	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 46.889 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

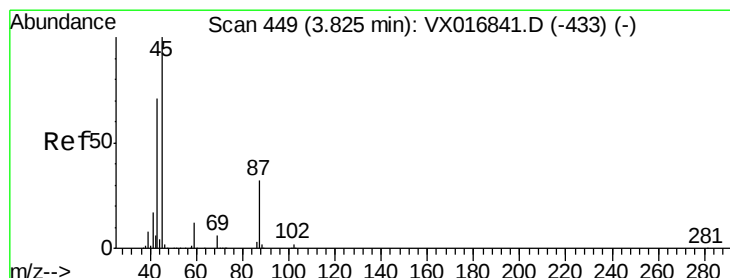
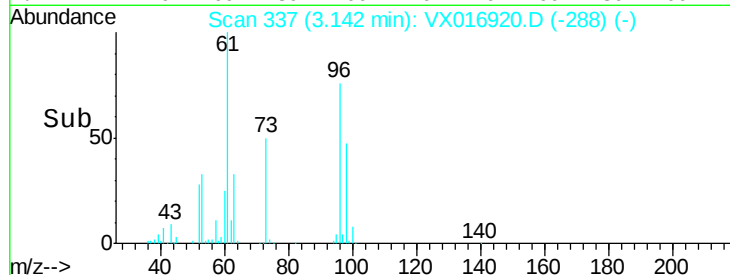
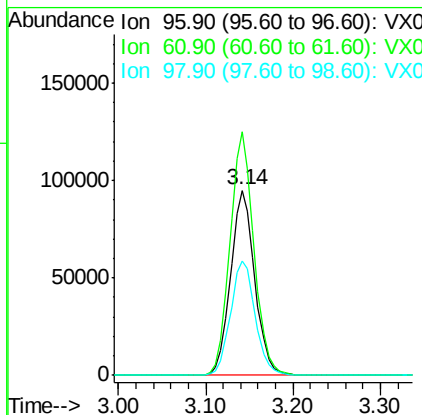
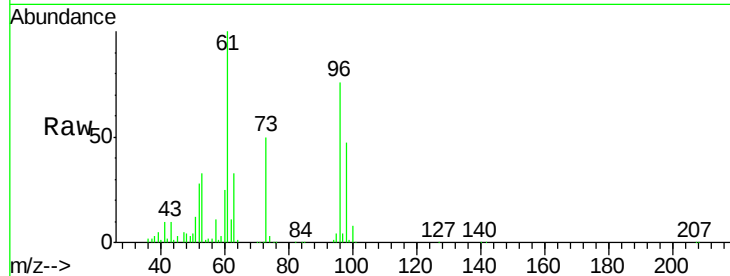
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	181217
Ion Ratio	Lower	Upper	
96	100		
61	131.5	105.4	158.0
98	62.0	51.3	76.9

Manual Integrations
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6/22/2020 12:22:15 PM



#22

Diisopropyl ether

Concen: 52.419 ug/l

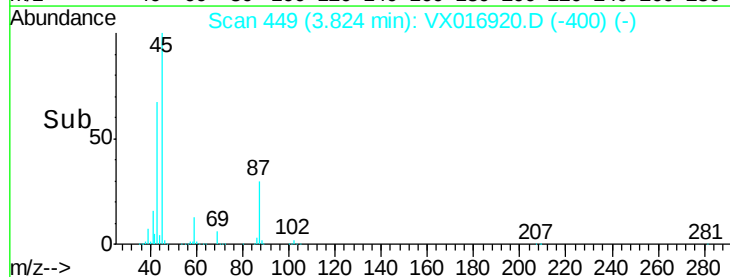
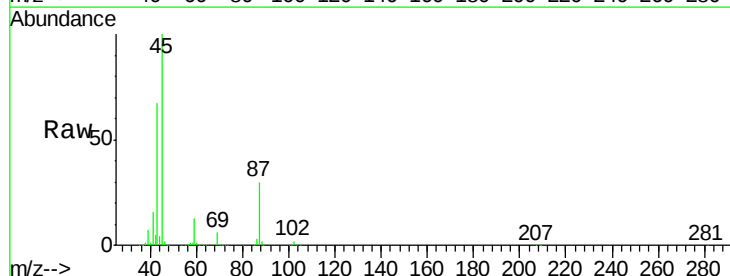
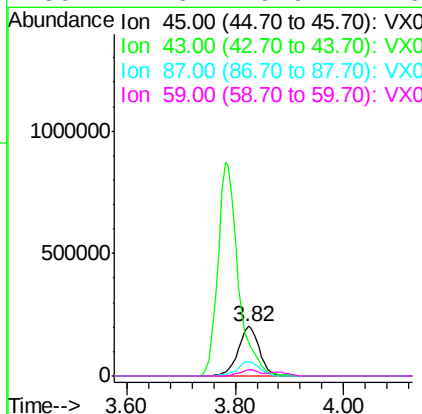
RT: 3.82 min Scan# 449

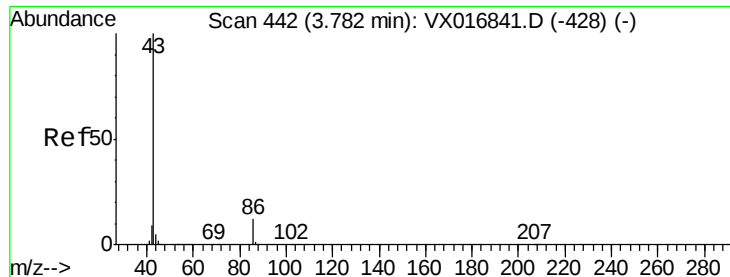
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	45	Resp:	543907
Ion Ratio	Lower	Upper	
45	100		
43	67.3	57.0	85.4
87	29.8	25.2	37.8
59	12.6	9.9	14.9





#23

Vinyl Acetate

Concen: 262.521 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2246155

Ion Ratio Lower Upper

43 100

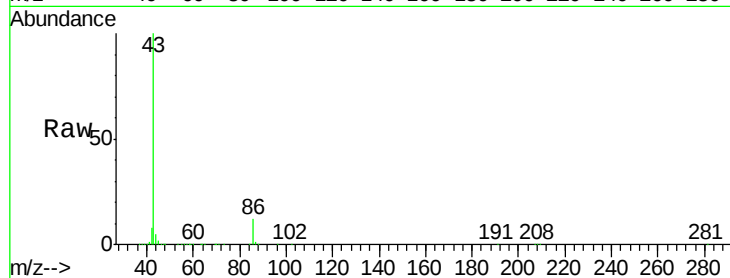
86 11.7 9.9 14.9

Manual Integrations

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MMDadoda

6/22/2020 12:22:15 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

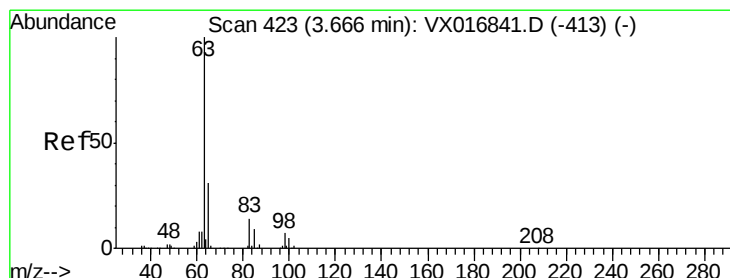
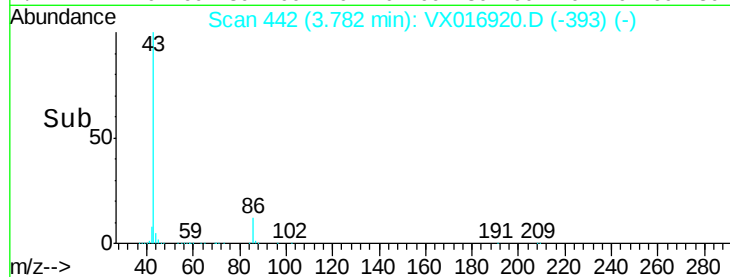
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.949 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

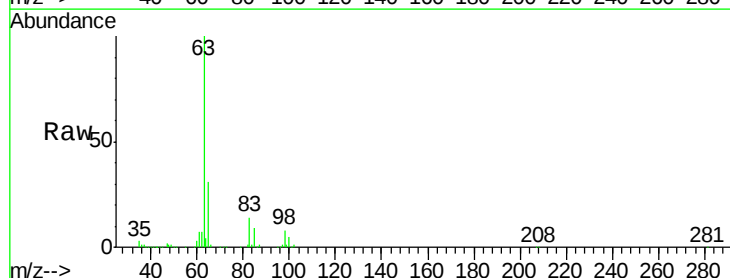
Tgt Ion: 63 Resp: 317259

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.9 2.4 7.1



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

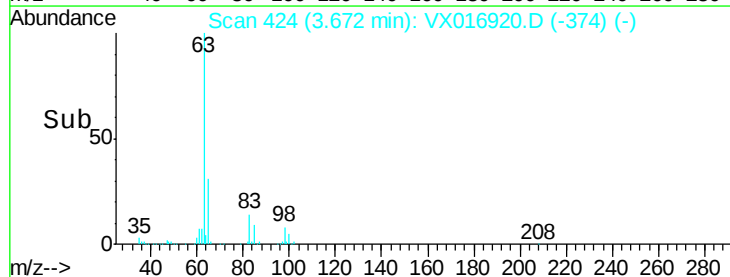
150000

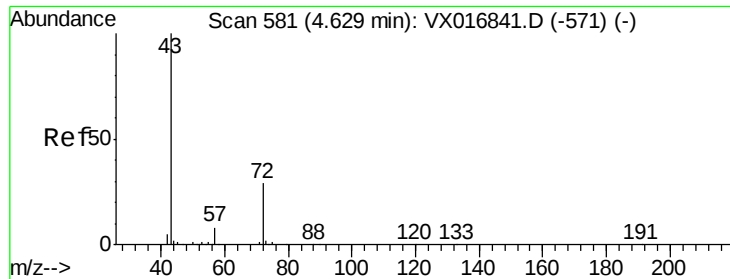
100000

50000

0

Time-->





#25

2-Butanone

Concen: 271.807 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 625727

Ion Ratio Lower Upper

43 100

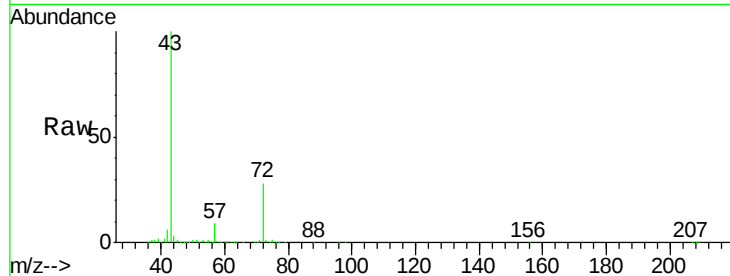
72 28.1 23.5 35.3

Manual Integrations

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6/22/2020 12:22:15 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

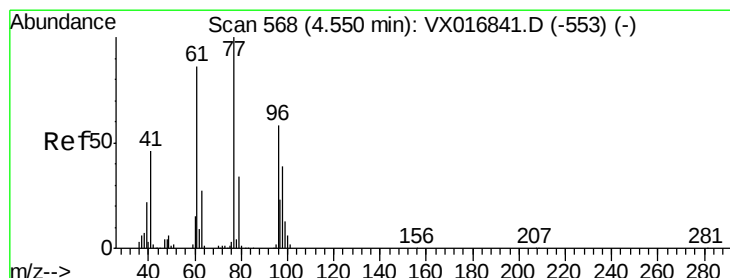
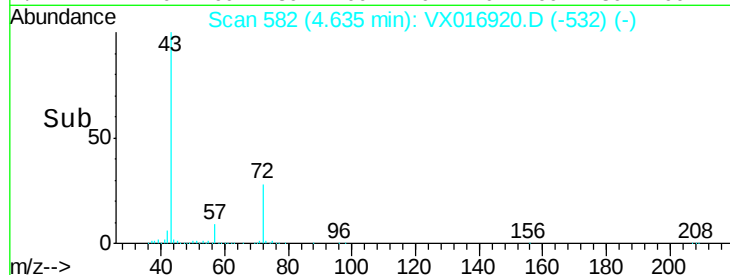
100000

50000

0

4.60 4.64 4.68 4.72 4.76 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.805 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016920.D

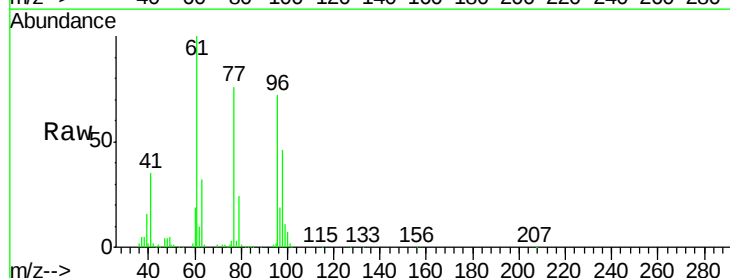
Acq: 20 Jun 2020 09:40

Tgt Ion: 77 Resp: 174915

Ion Ratio Lower Upper

77 100

97 25.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

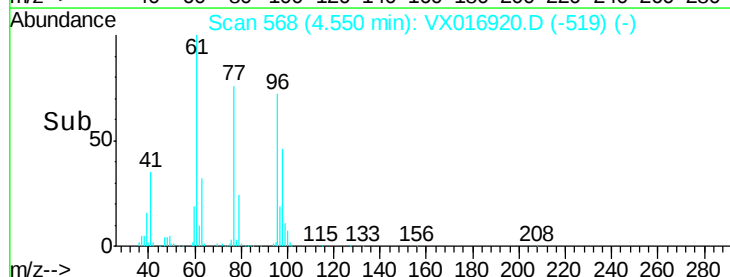
20000

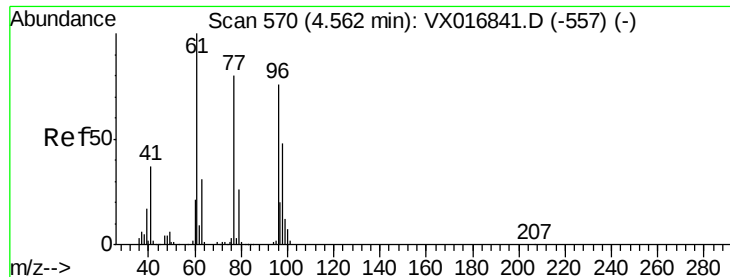
10000

0

4.40 4.50 4.55 4.60

Time-->





#27

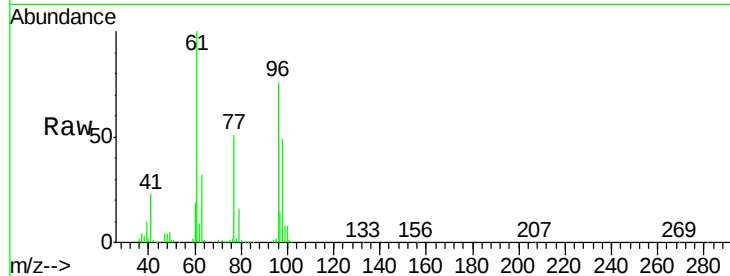
cis-1,2-Dichloroethene
Concen: 47.939 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

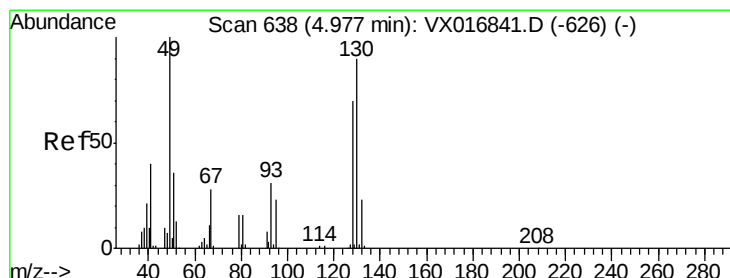
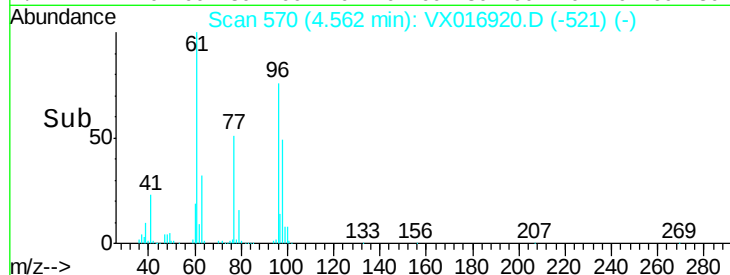
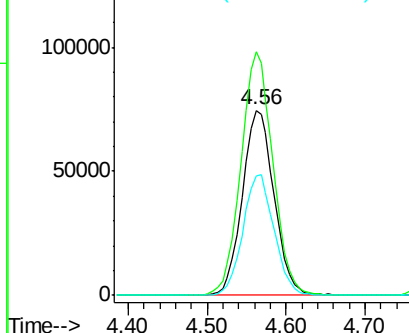
Tot Ion	Ratio	Resp	Lower	Upper
96	100	208240		
61	132.9	0.0	273.8	
98	64.3	0.0	129.0	

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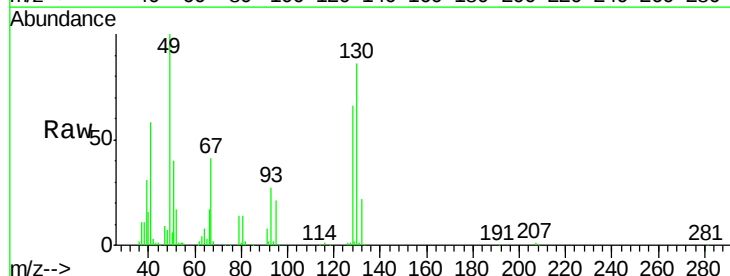
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



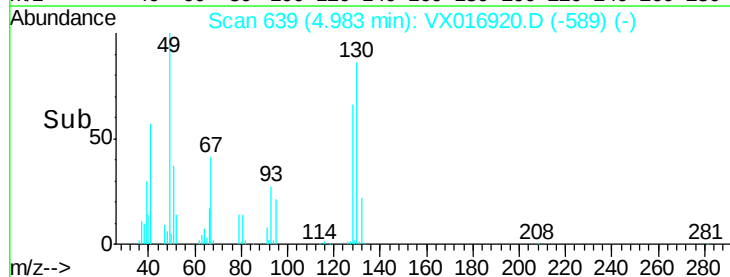
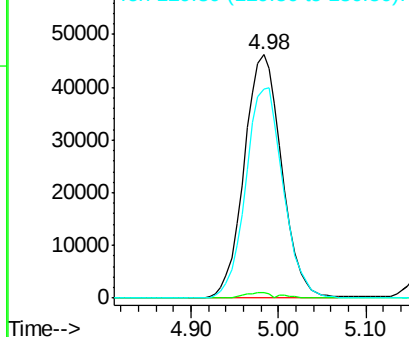
#28

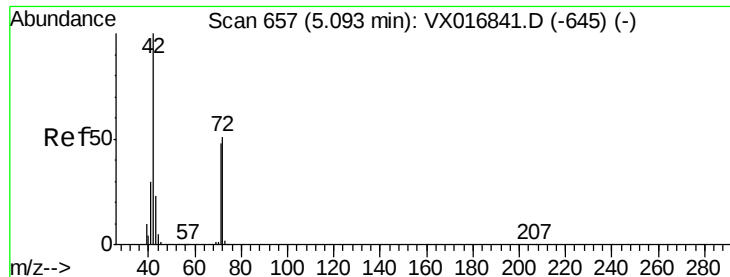
Bromochloromethane
Concen: 51.298 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137997		
129	1.5	0.0	5.0	
130	86.2	76.8	115.2	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 281.338 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

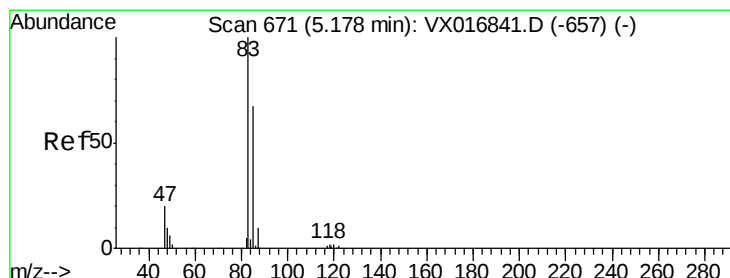
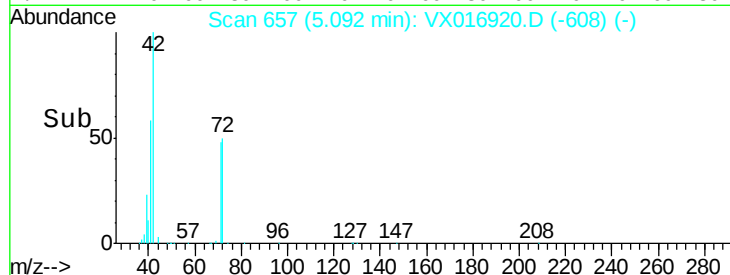
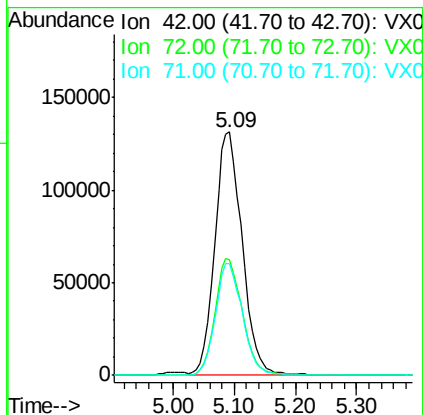
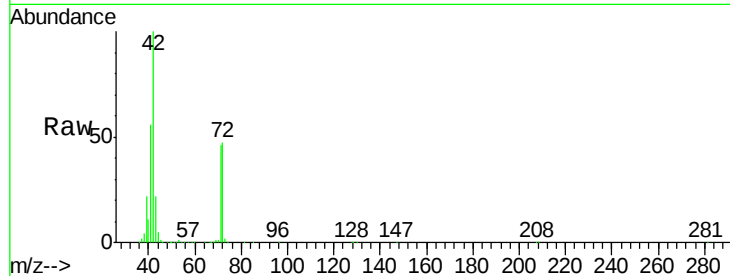
ClientSampled :

VSTDCCC050EC

Tot Ion:	42	Resp:	407900
Ion	Ratio	Lower	Upper
42	100		
72	48.5	41.1	61.7
71	45.7	38.4	57.6

Manual Integrations
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#30

Chloroform

Concen: 48.151 ug/l

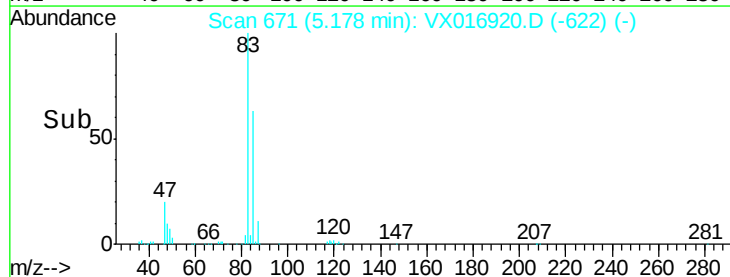
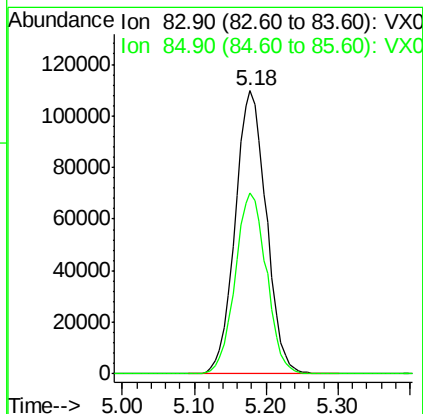
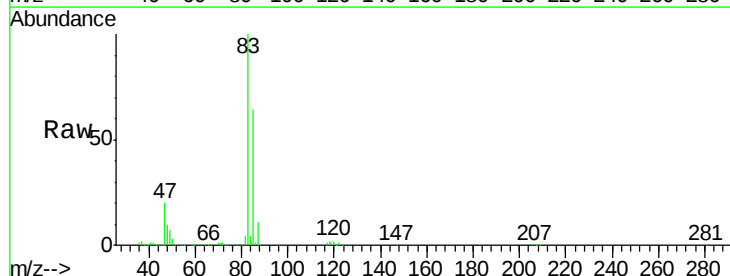
RT: 5.18 min Scan# 671

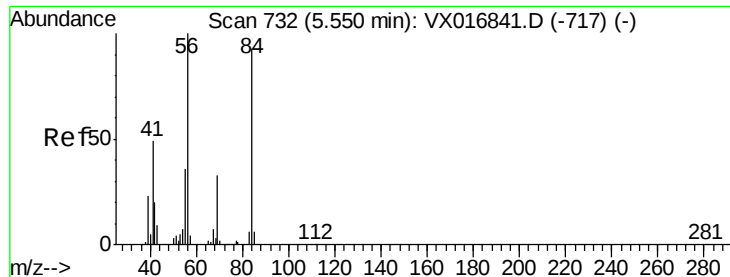
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	83	Resp:	329484
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.0





#31

Cyclohexane

Concen: 59.587 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

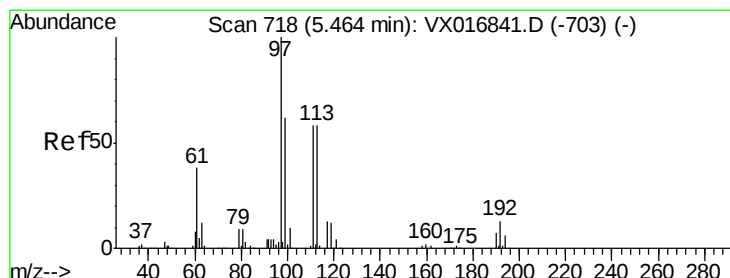
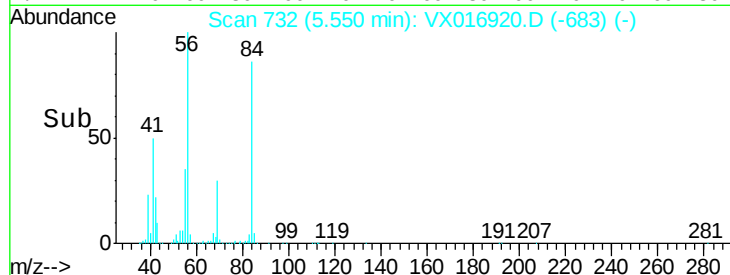
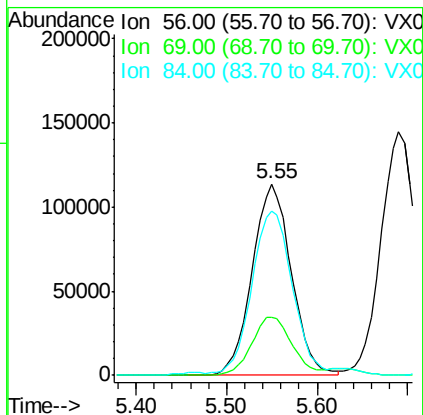
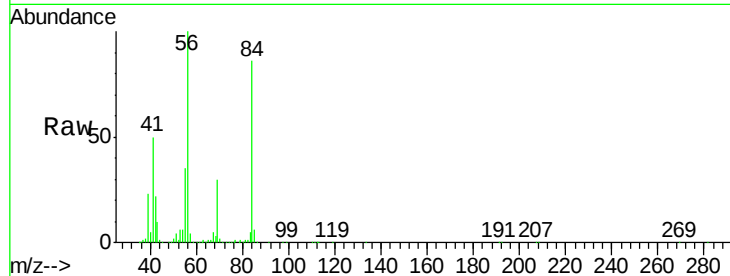
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	339539
Ion	Ratio	Lower	Upper
56	100		
69	30.3	26.1	39.1
84	84.3	73.0	109.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.493 ug/l

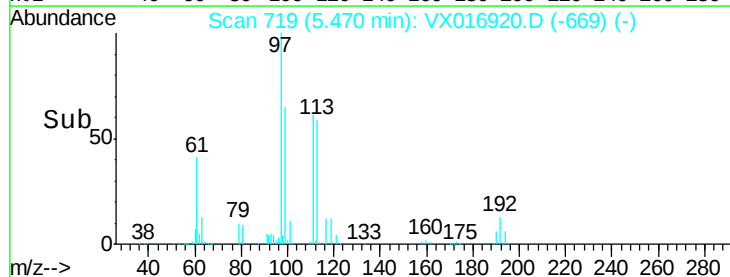
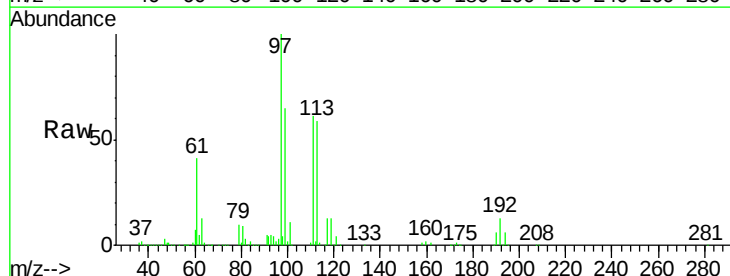
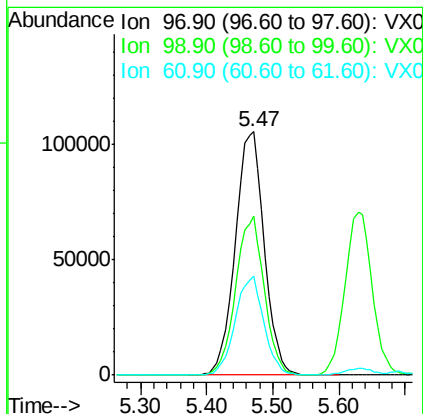
RT: 5.47 min Scan# 719

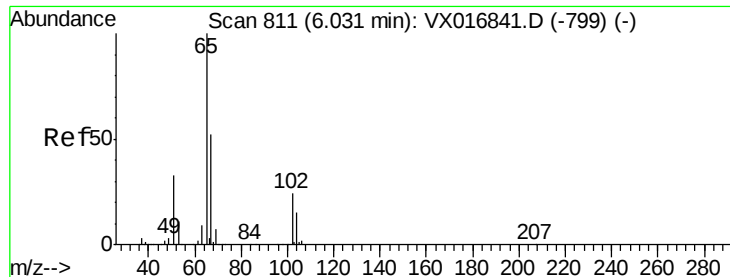
Delta R.T. 0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	97	Resp:	320535
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	40.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 46.190 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 212838

Ion Ratio Lower Upper

65 100

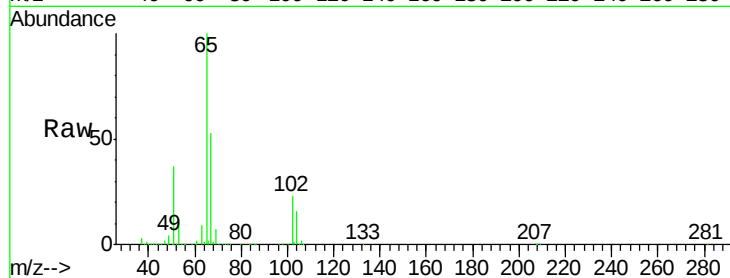
67 53.2 0.0 102.6

Manual Integrations

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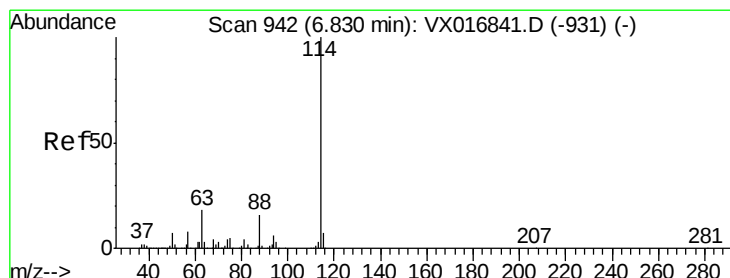
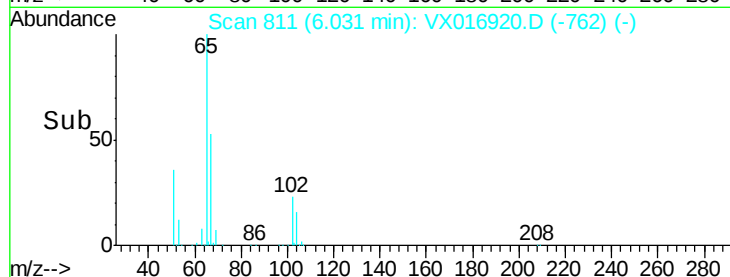
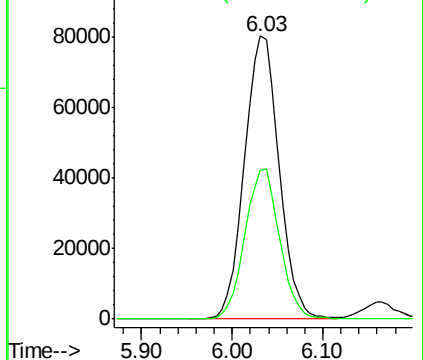
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

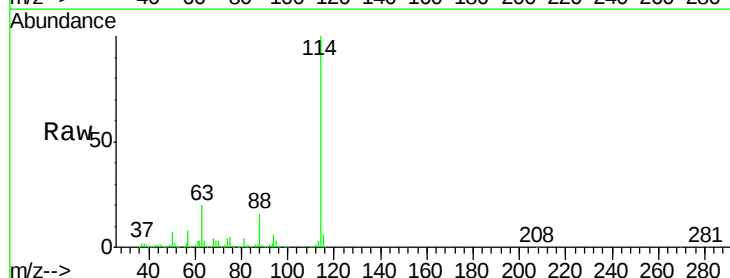
Tgt Ion: 114 Resp: 617772

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.0

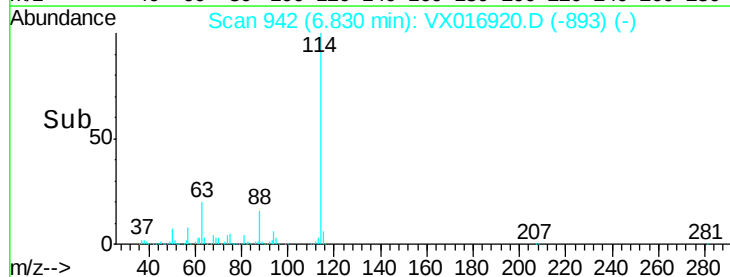
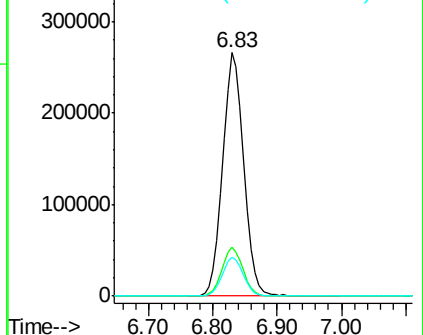
88 16.0 0.0 32.0

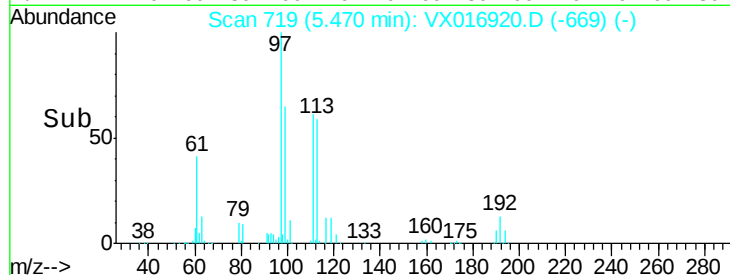
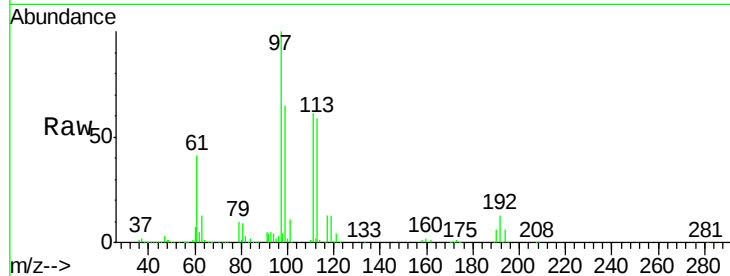
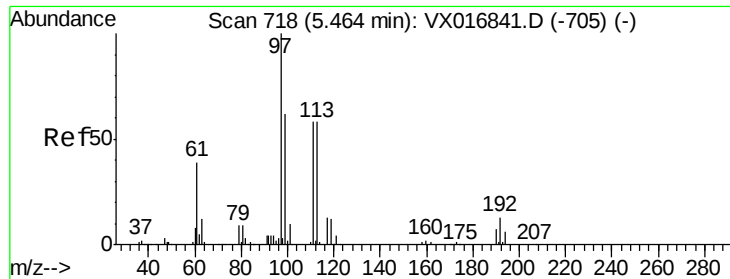


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





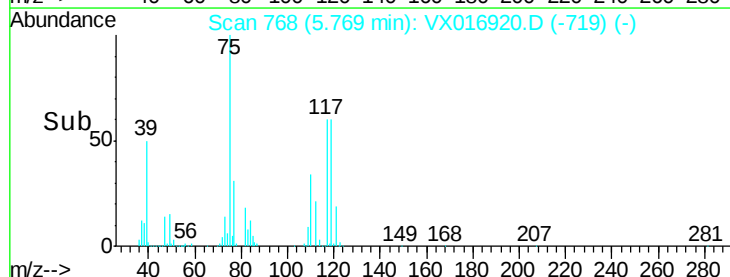
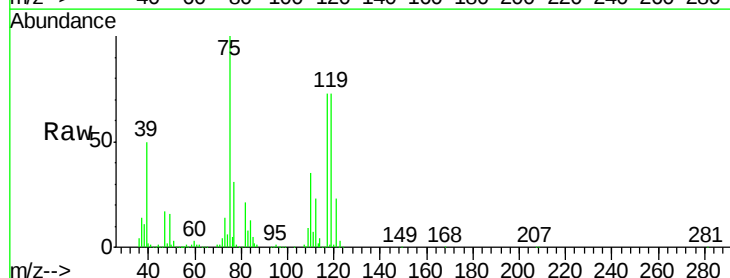
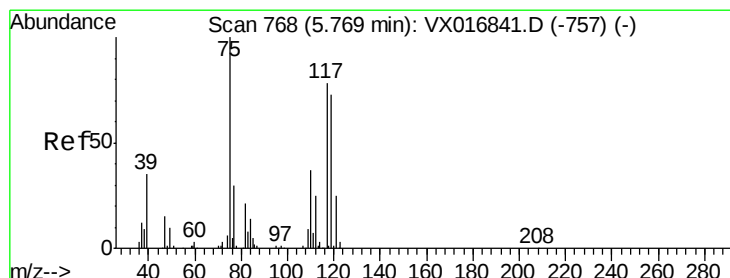
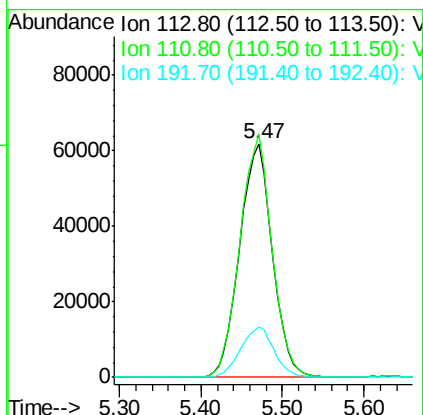
#35
Dibromofluoromethane
Concen: 43.792 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173062		
111	102.3	81.0	121.4	
192	22.1	18.5	27.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

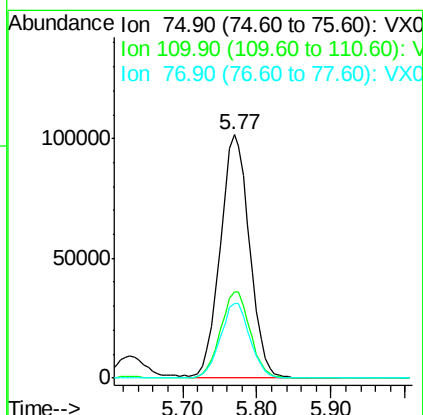
Manual Integrations
APPROVED

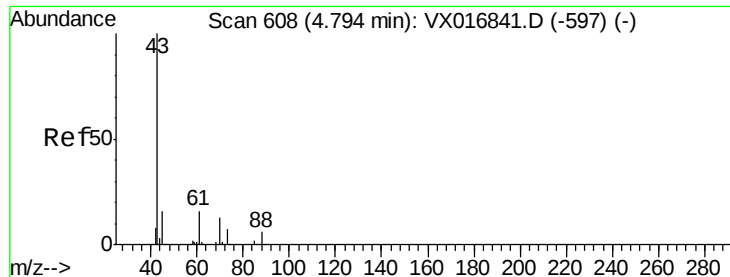
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.631 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277397		
110	36.0	18.9	56.9	
77	30.9	25.6	38.4	





#37

Ethyl Acetate

Concen: 48.970 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

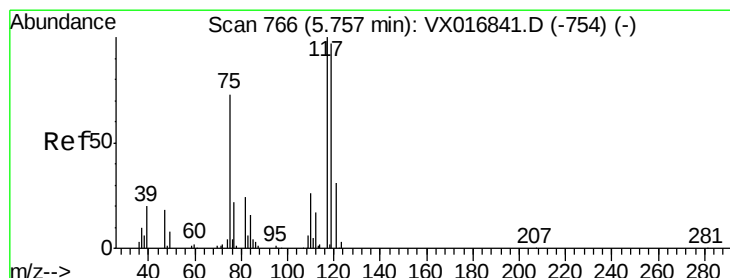
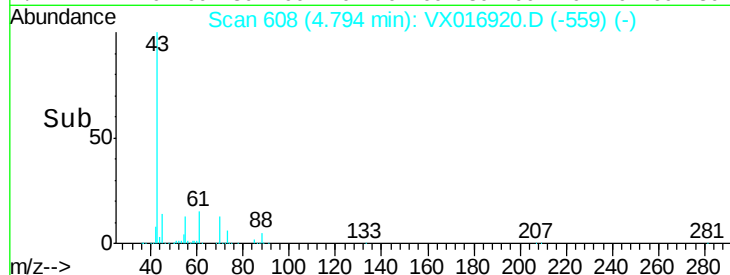
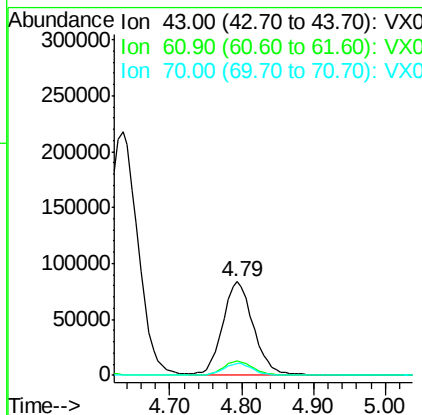
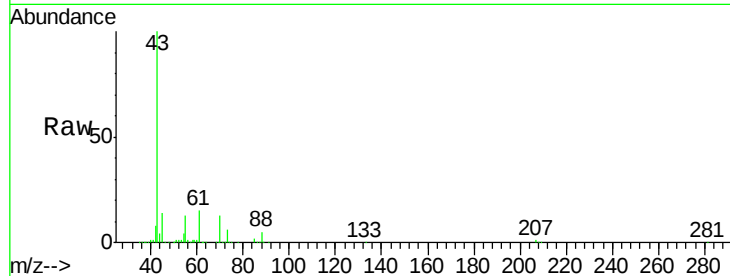
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	246801
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.2
70	12.3	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 45.233 ug/l

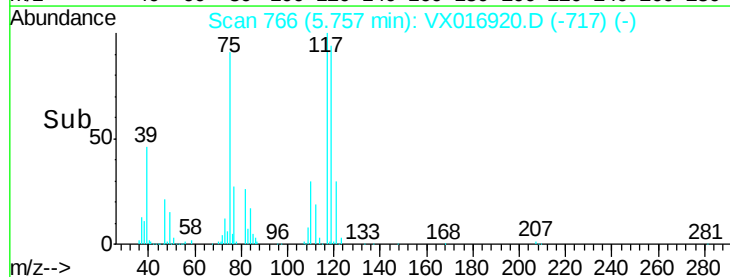
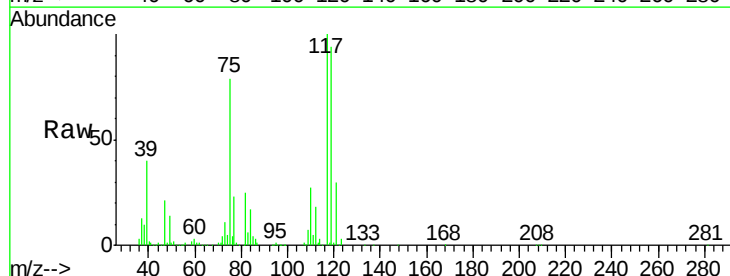
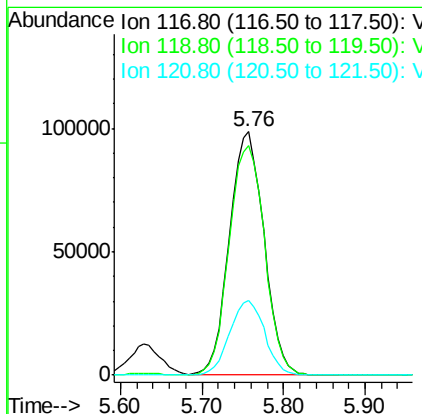
RT: 5.76 min Scan# 766

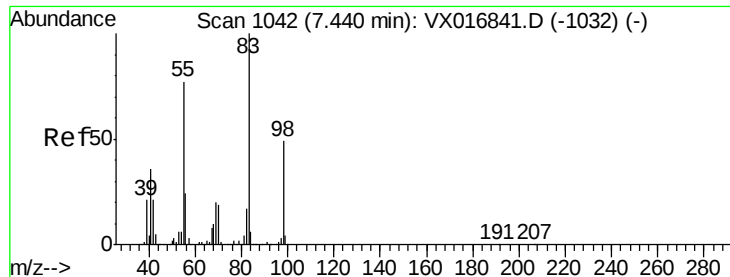
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	117	Resp:	289500
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.2
121	30.5	24.7	37.1





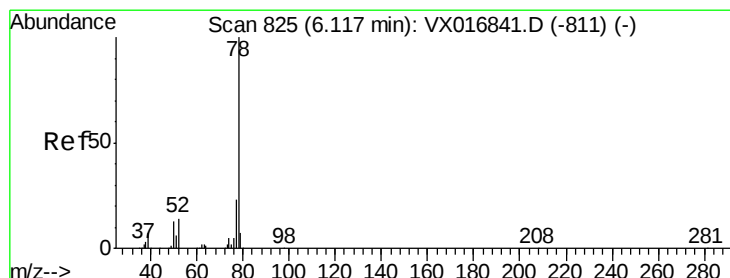
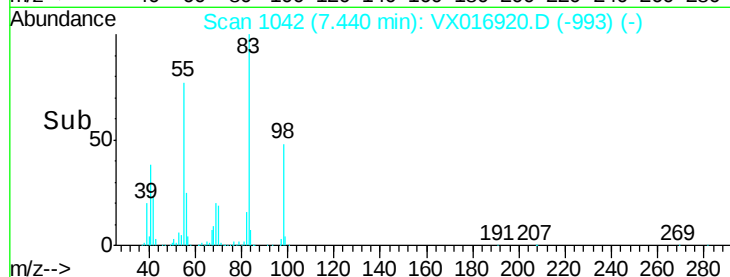
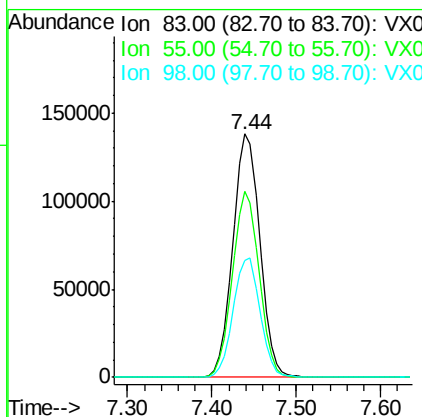
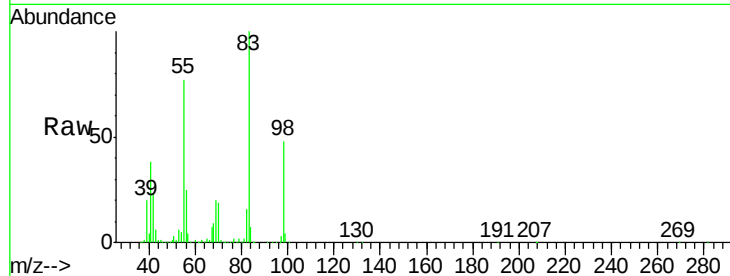
#39
Methvlcvclohexane
Concen: 45.198 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.7	92.5
98	48.2	39.0	58.6

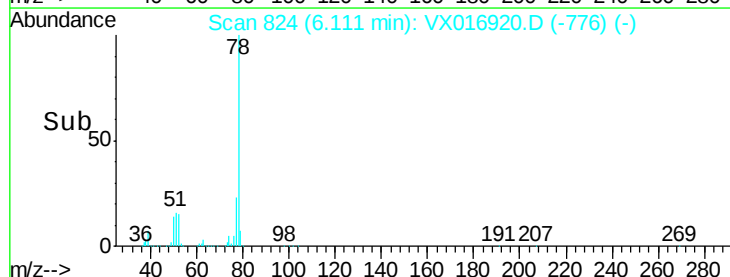
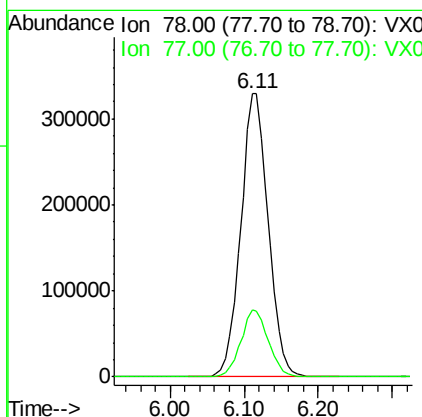
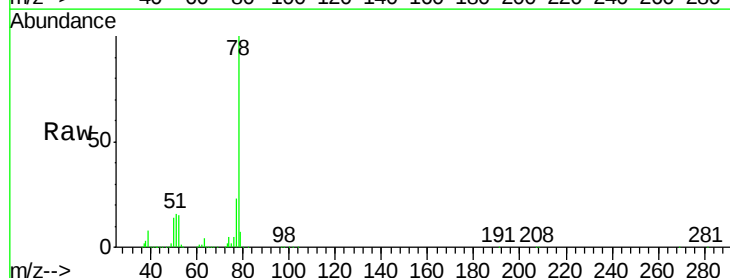
Manual Integrations
APPROVED

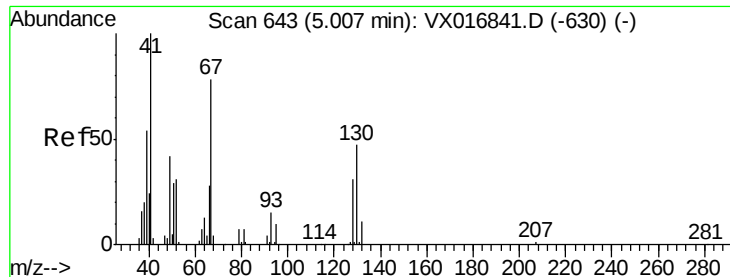
MMDadoda
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#40
Benzene
Concen: 49.726 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





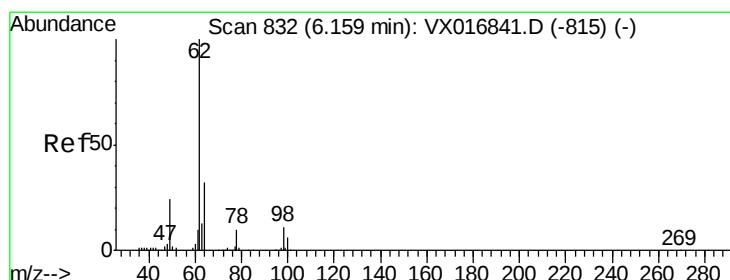
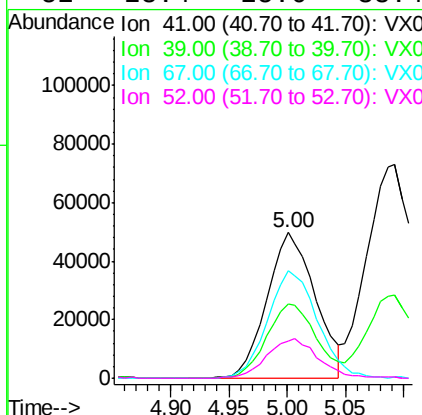
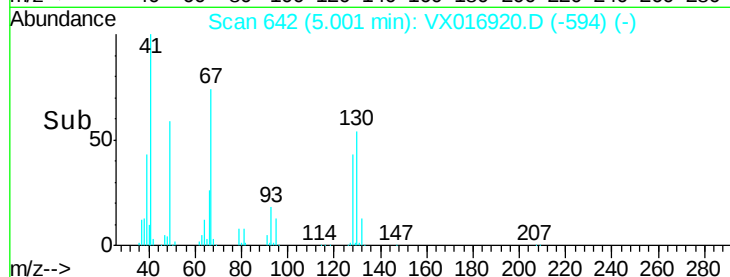
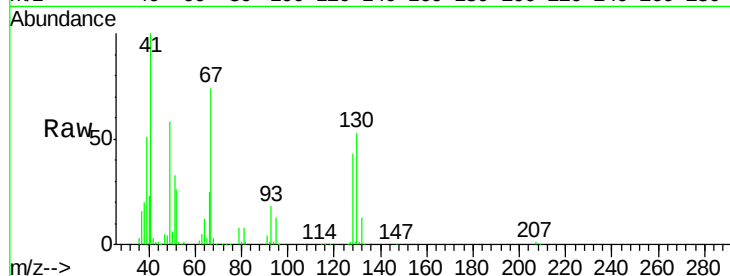
#41
Methacrylonitrile
Concen: 52.465 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.6	64.0	
67	76.2	64.2	96.2	
52	28.4	25.6	38.4	

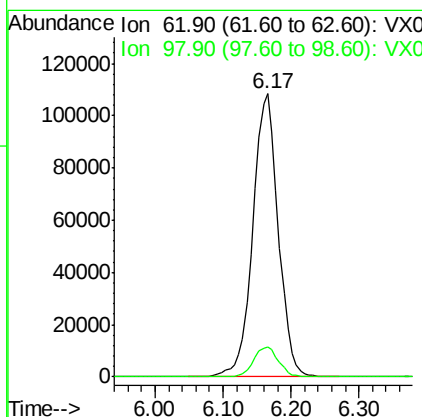
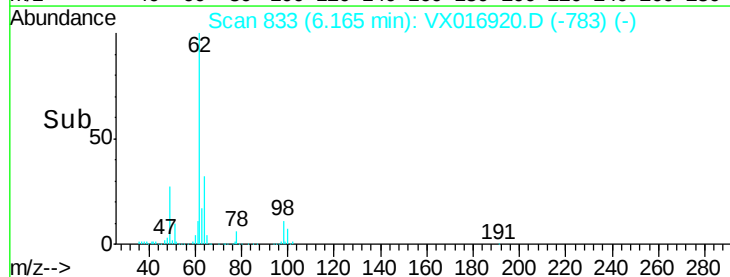
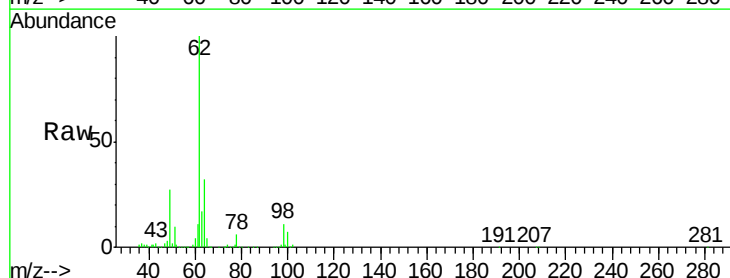
Manual Integrations
APPROVED

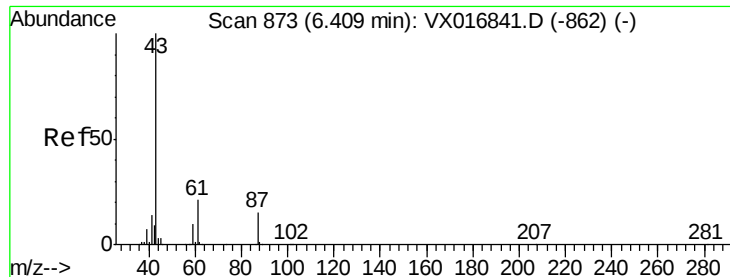
MMDadoda
6/22/2020 12:22:15 PM



#42
1,2-Dichloroethane
Concen: 46.552 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.8	





#43

Isopropyl Acetate

Concen: 55.243 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

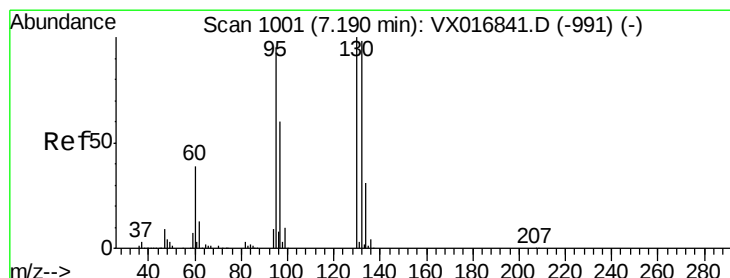
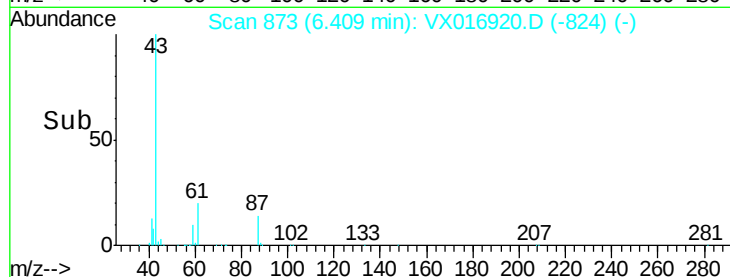
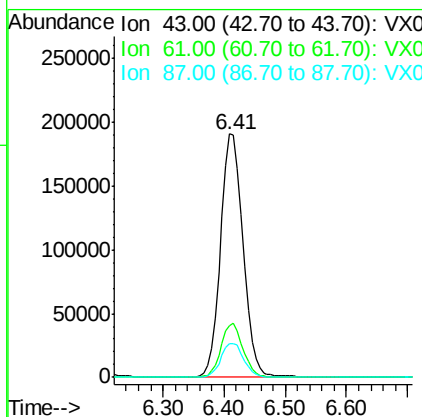
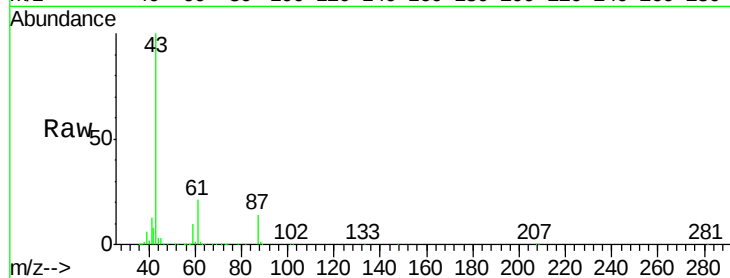
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	486196
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.9	26.9
87	14.4	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 44.628 ug/l

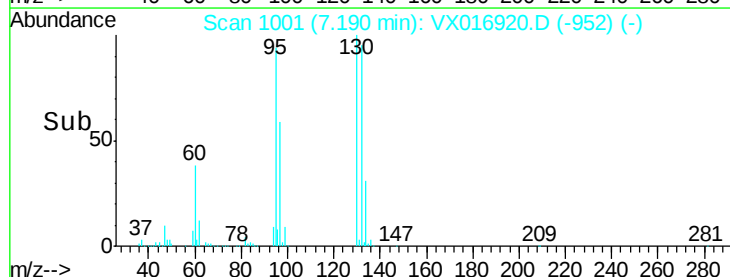
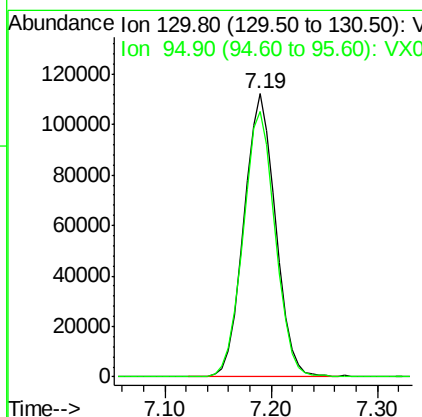
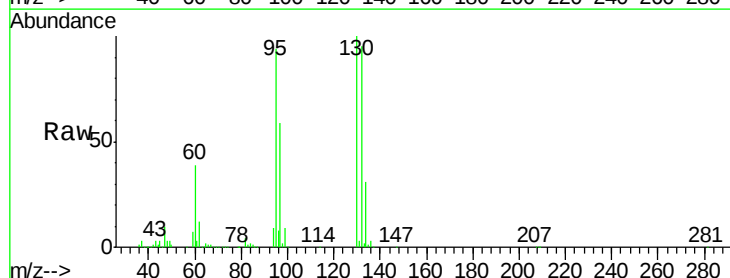
RT: 7.19 min Scan# 1001

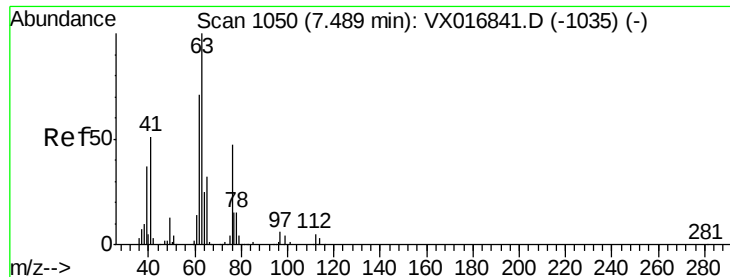
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	130	Resp:	233929
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.637 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 213569

Ion Ratio Lower Upper

63 100

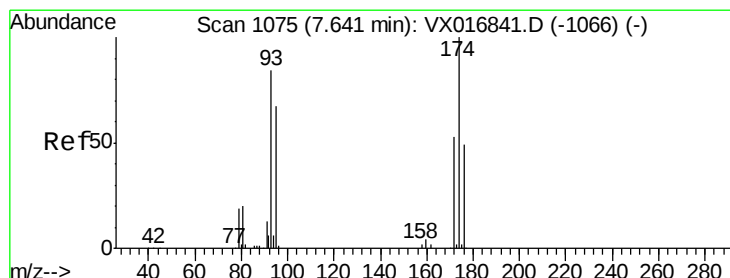
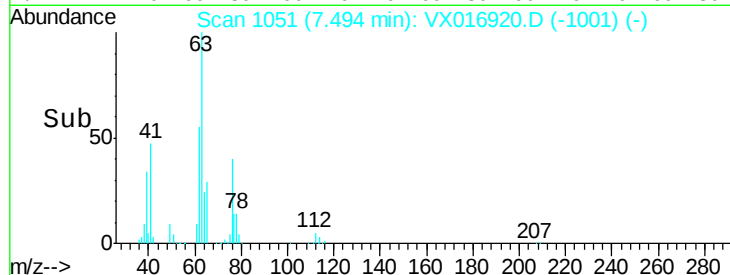
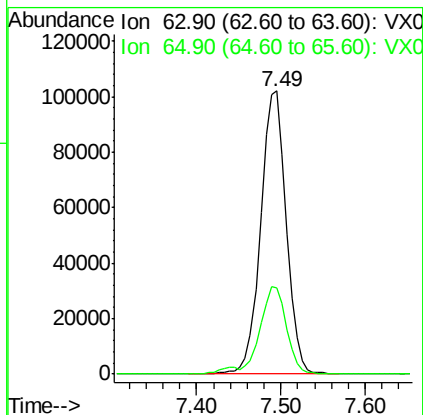
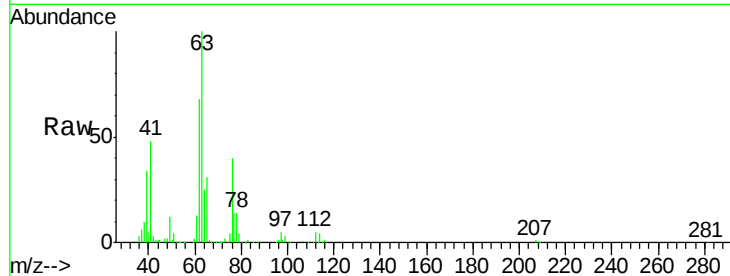
65 30.6 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.497 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

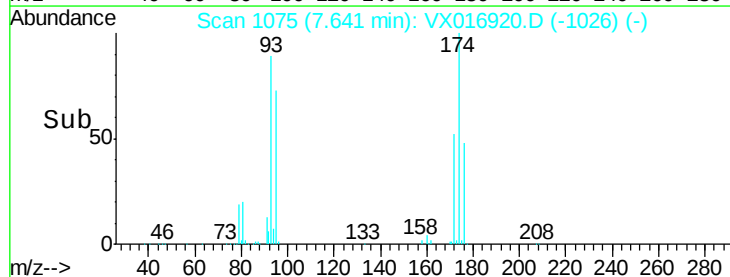
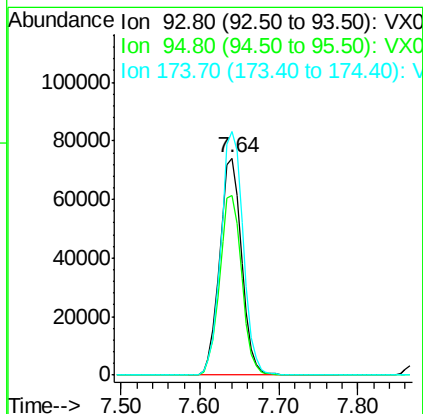
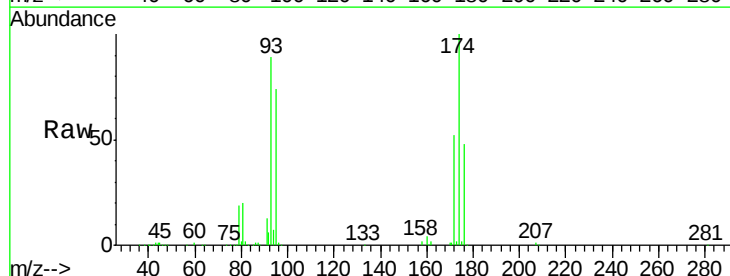
Tgt Ion: 93 Resp: 144425

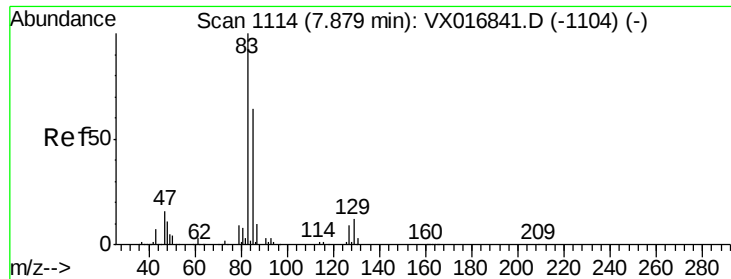
Ion Ratio Lower Upper

93 100

95 83.0 65.7 98.5

174 113.4 92.8 139.2





#47

Bromodichloromethane

Concen: 47.713 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

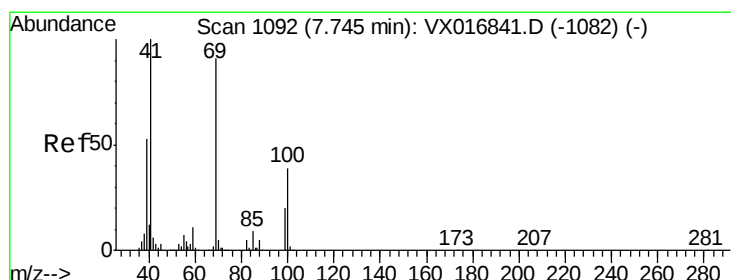
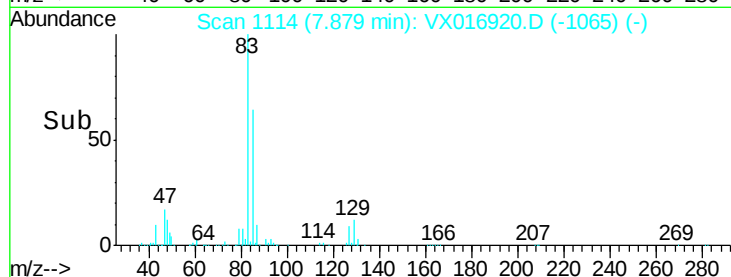
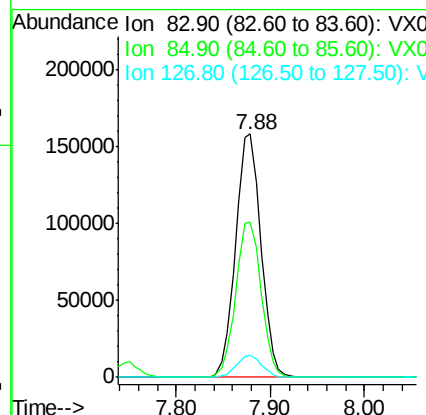
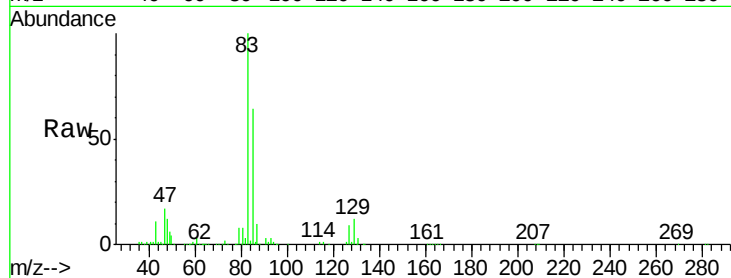
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	296096
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.9	76.3
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.644 ug/l

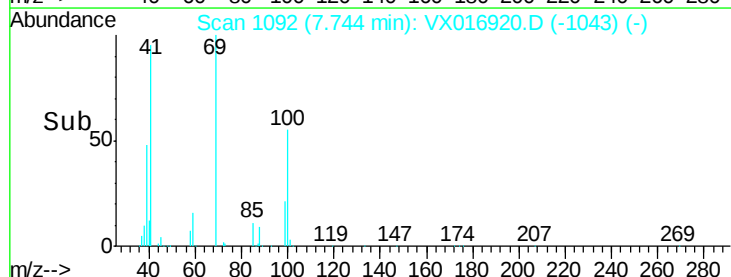
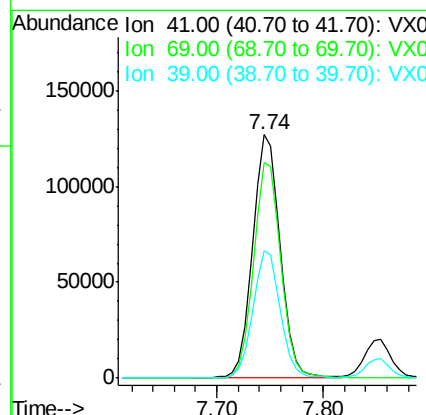
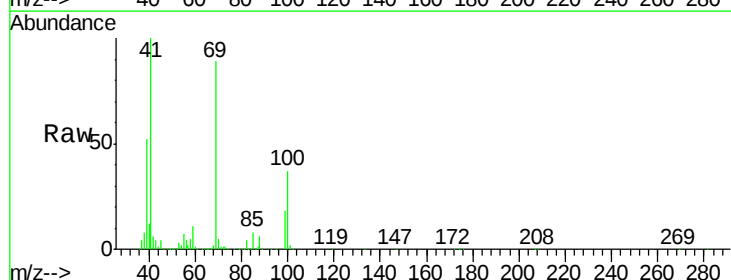
RT: 7.74 min Scan# 1092

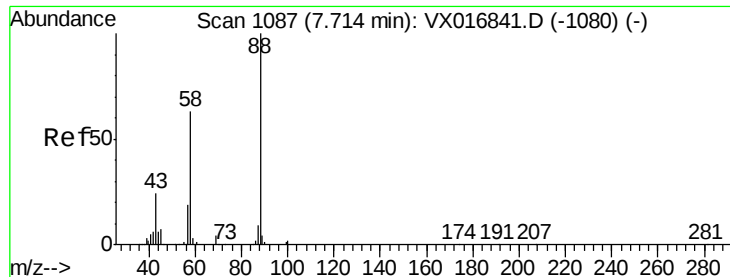
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	41	Resp:	230606
Ion Ratio	Lower	Upper	
41	100		
69	88.5	73.3	109.9
39	52.1	42.4	63.6





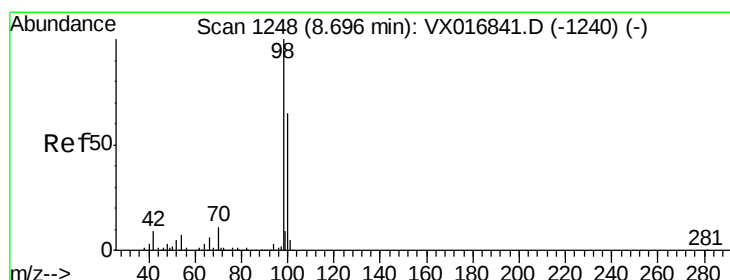
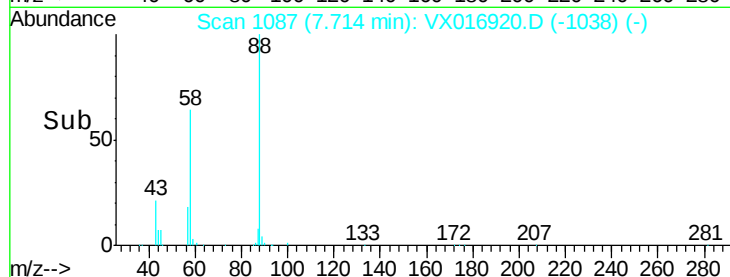
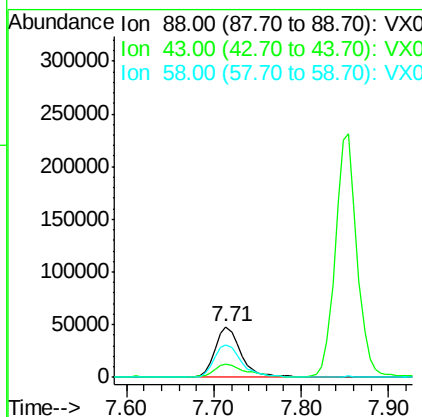
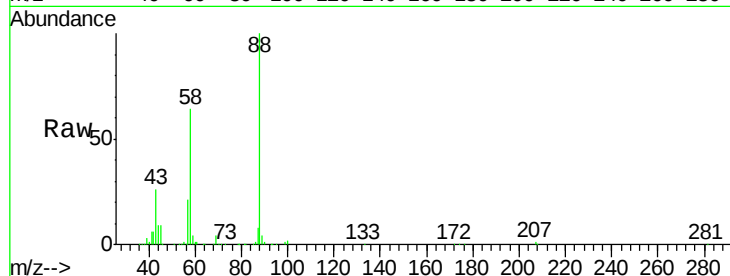
#49
1,4-Dioxane
Concen: 1061.774 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	22.7	34.1
58	68.9	53.1	79.7

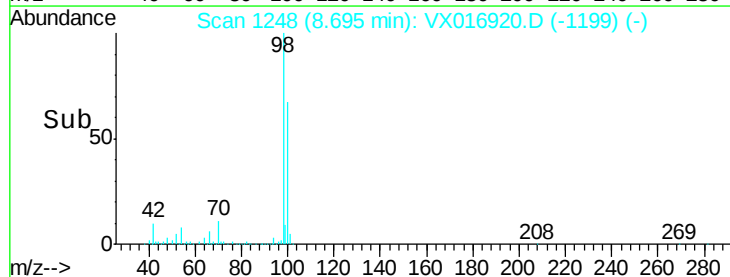
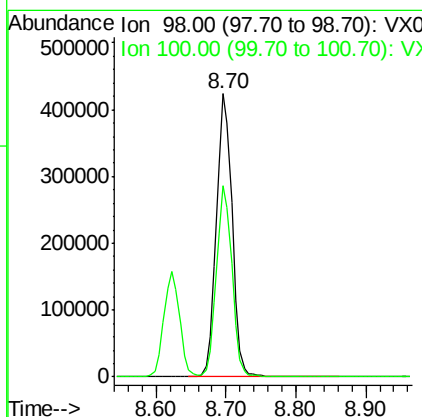
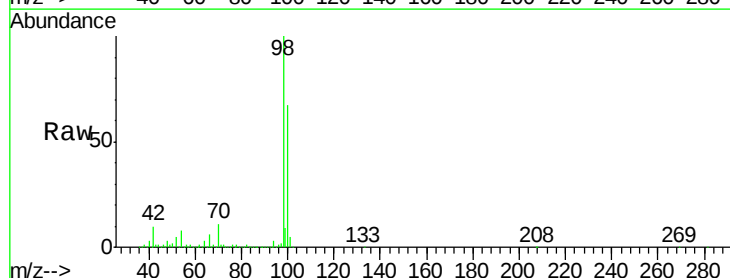
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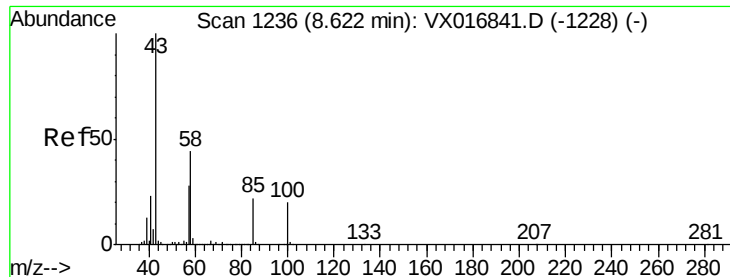
MMDadoda
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#50
Toluene-d8
Concen: 41.946 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.0	81.0





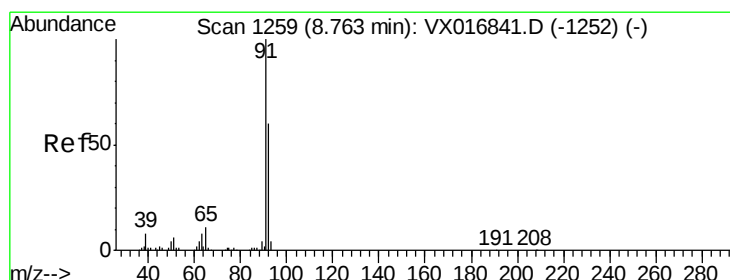
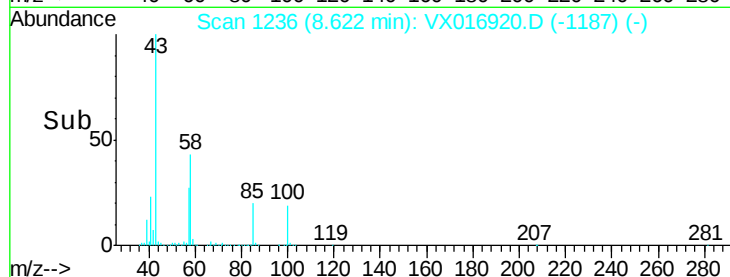
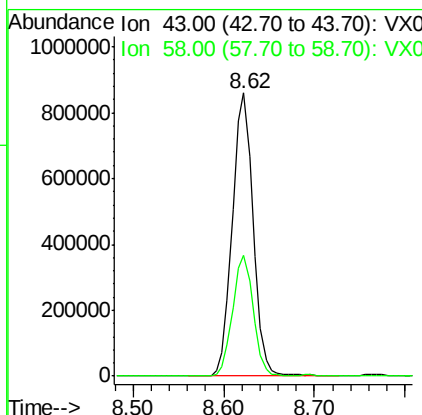
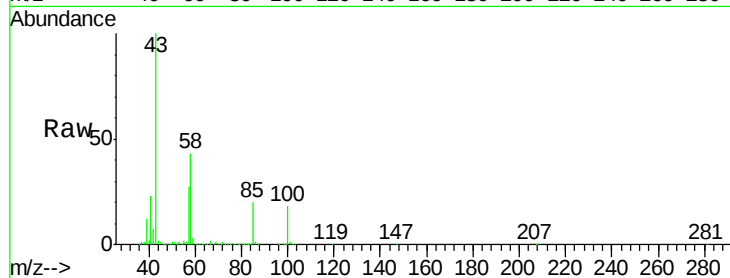
#51
4-Methyl-2-Pentanone
Concen: 258.903 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1370502
Ion Ratio Lower Upper
43 100
58 42.4 34.3 51.5

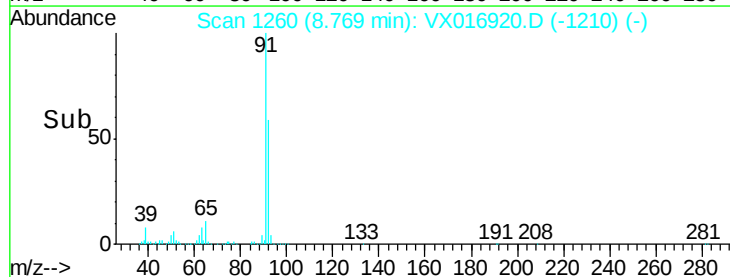
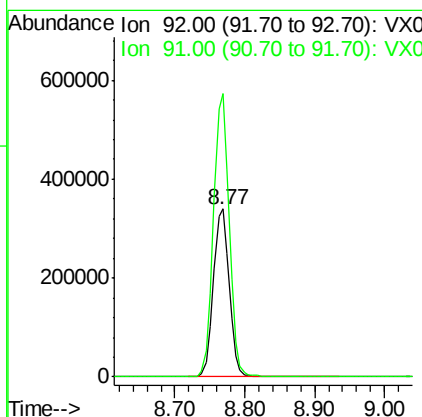
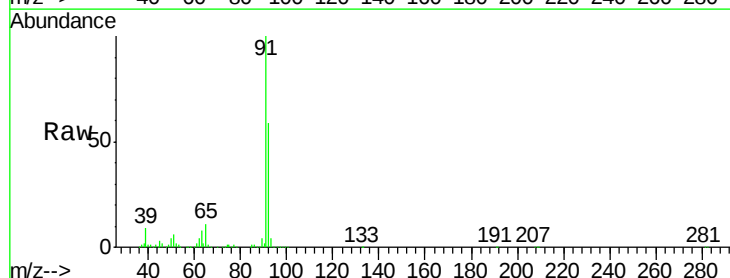
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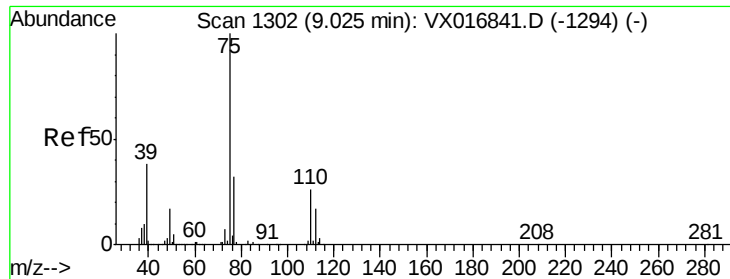
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#52
Toluene
Concen: 47.225 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion: 92 Resp: 536204
Ion Ratio Lower Upper
92 100
91 167.4 134.2 201.2





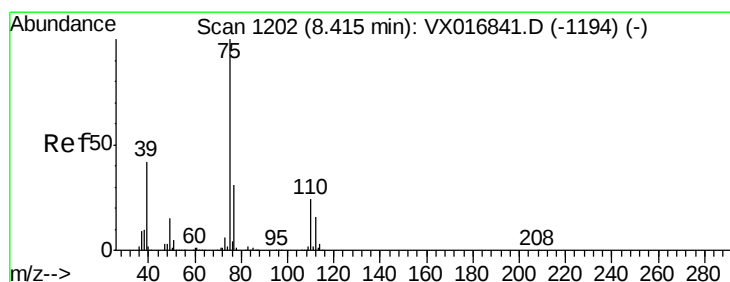
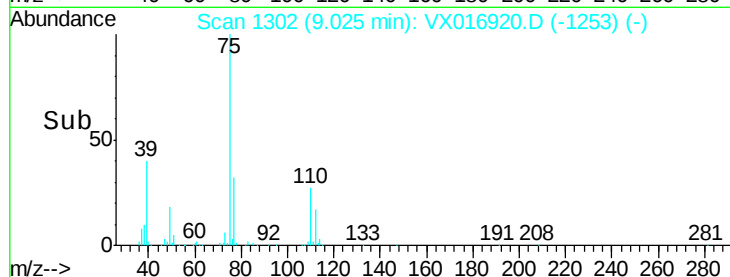
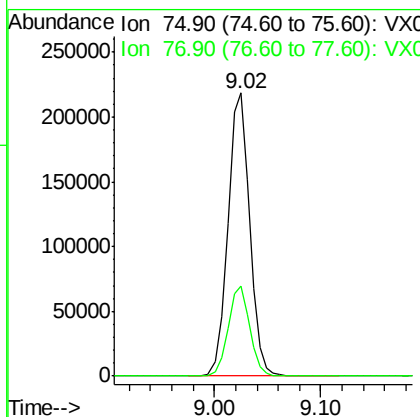
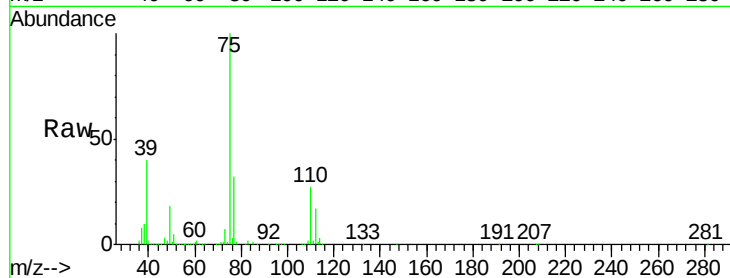
#53
t-1,3-Dichloropropene
Concen: 45.790 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9

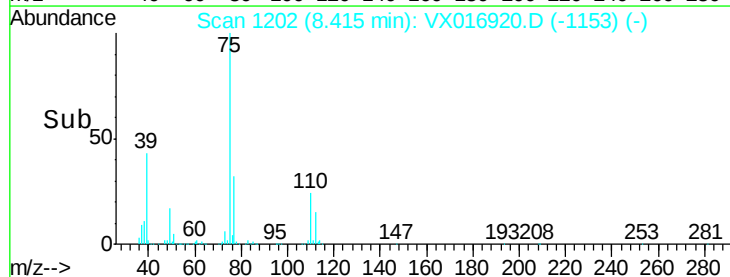
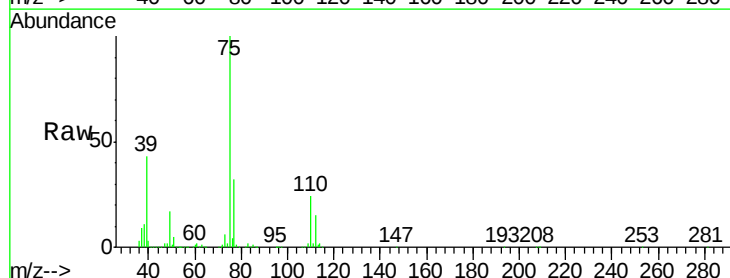
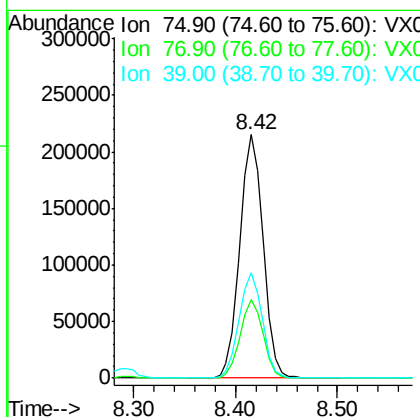
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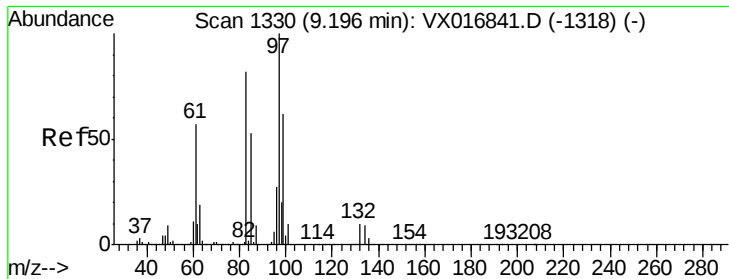
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.571 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3
39	43.4	33.4	50.0





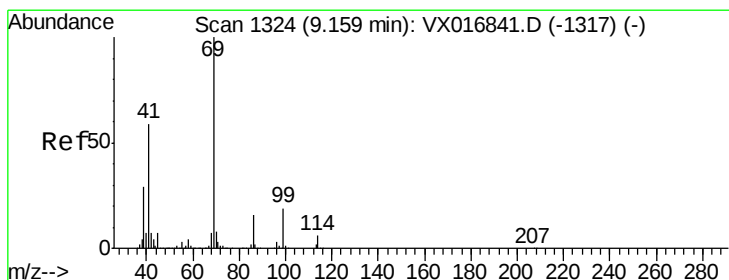
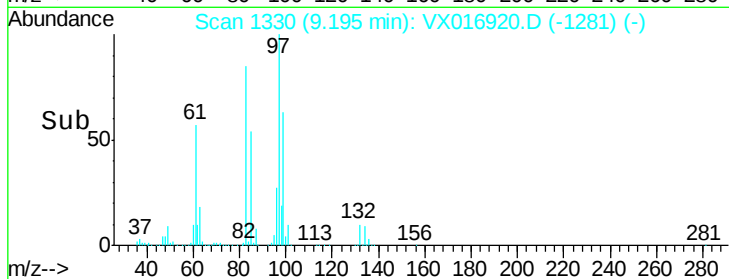
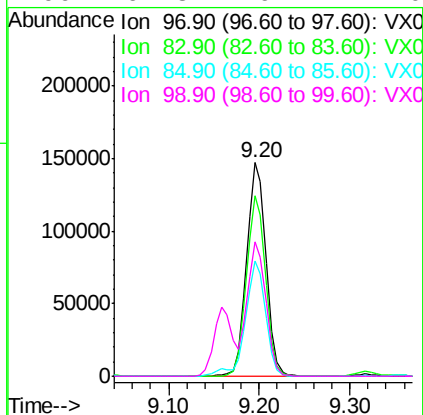
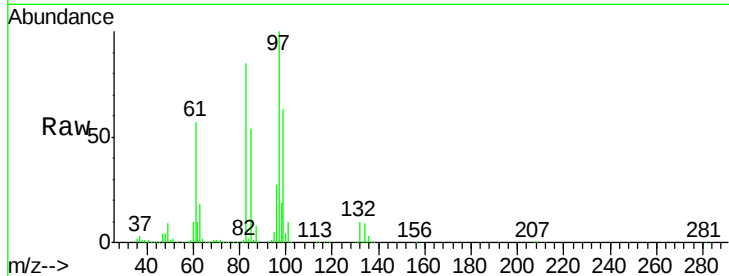
#55
 1,1,2-Trichloroethane
 Concen: 50.740 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	217520
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.5	98.3
85	53.8	42.6	63.8
99	62.8	49.4	74.0

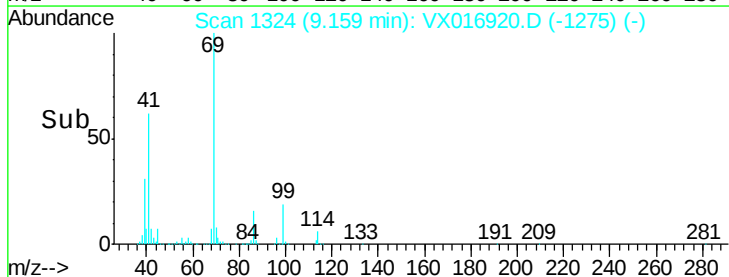
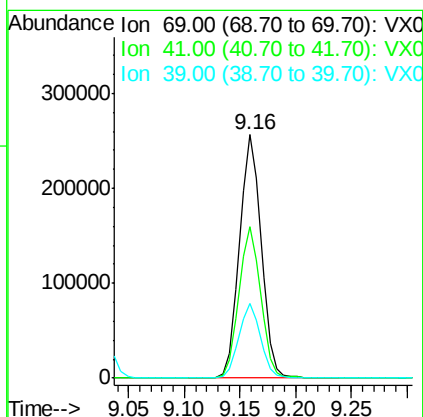
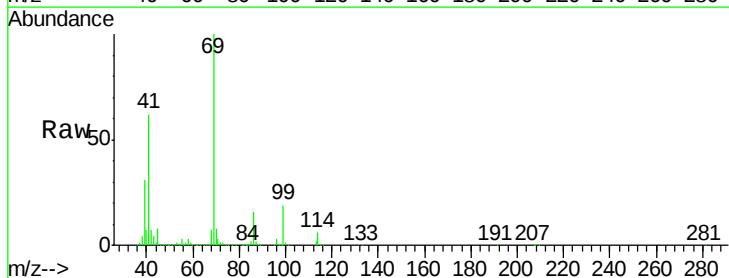
Manual Integrations
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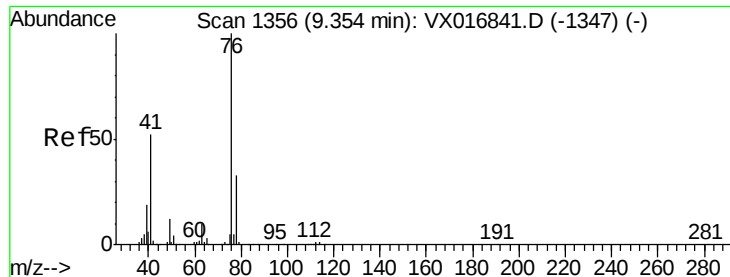
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#56
 Ethyl methacrylate
 Concen: 56.175 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Tgt Ion:	69	Resp:	348625
Ion	Ratio	Lower	Upper
69	100		
41	62.3	47.9	71.9
39	30.4	24.2	36.4





#57

1,3-Dichloropropane

Concen: 50.407 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 366326

Ion Ratio Lower Upper

76 100

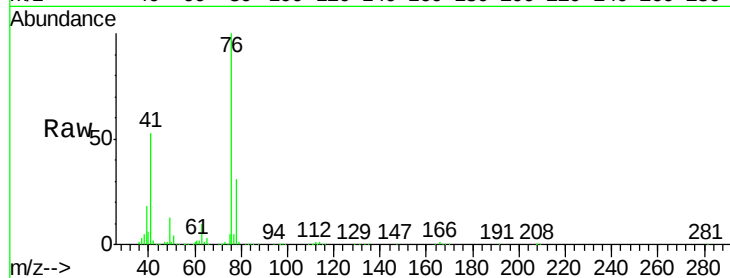
78 32.4 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

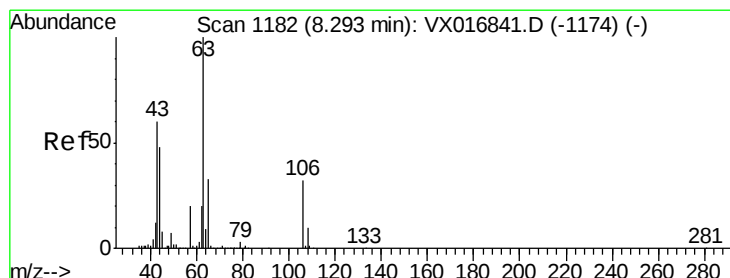
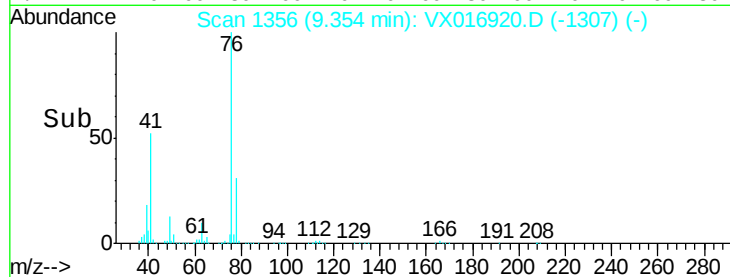
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 278.515 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016920.D

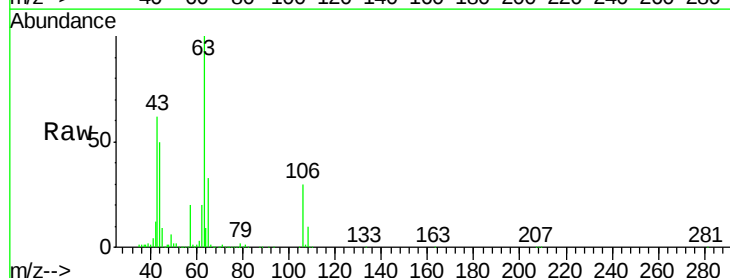
Acq: 20 Jun 2020 09:40

Tgt Ion: 63 Resp: 804262

Ion Ratio Lower Upper

63 100

106 30.0 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

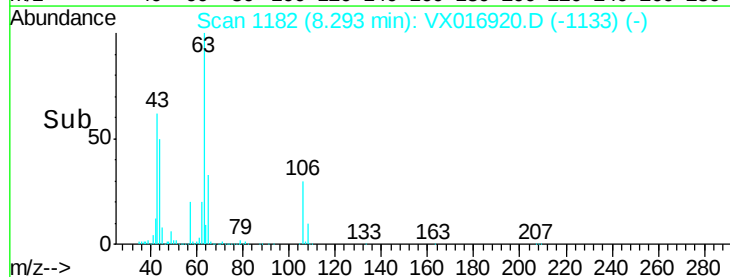
300000

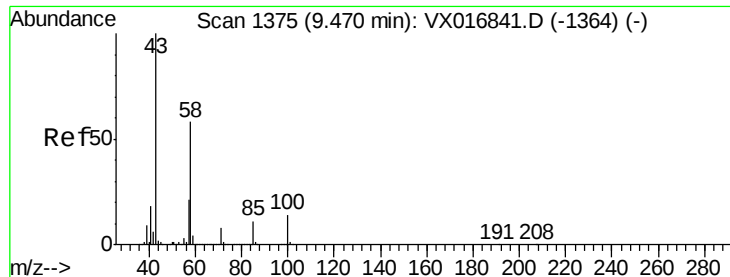
200000

100000

0

Time-->





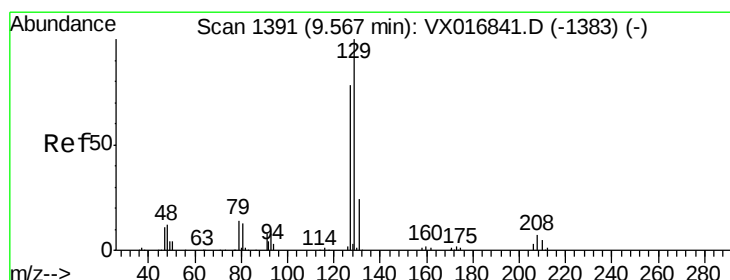
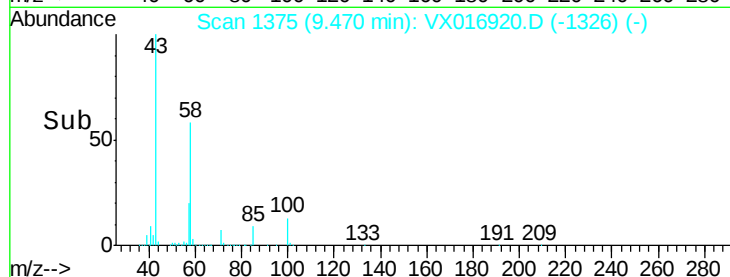
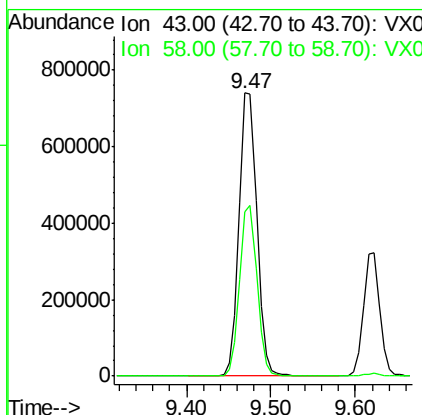
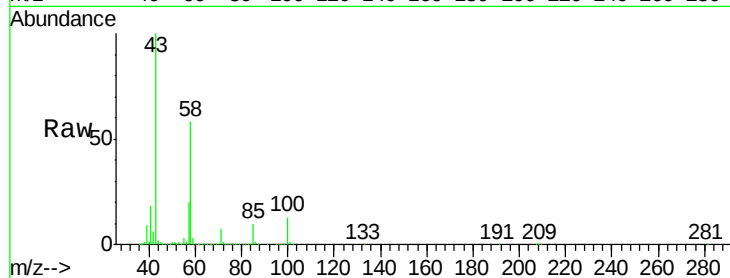
#59
2-Hexanone
Concen: 273.187 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1047228
Ion Ratio Lower Upper
43 100
58 59.1 29.8 89.4

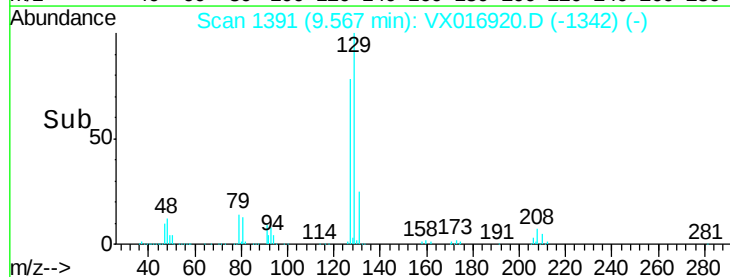
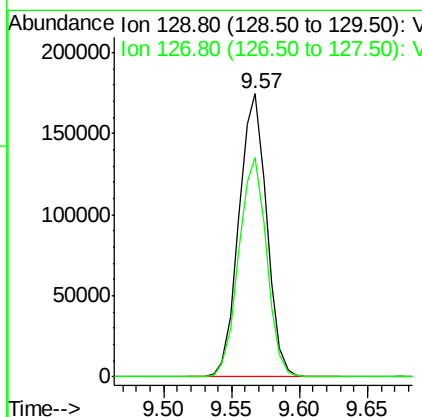
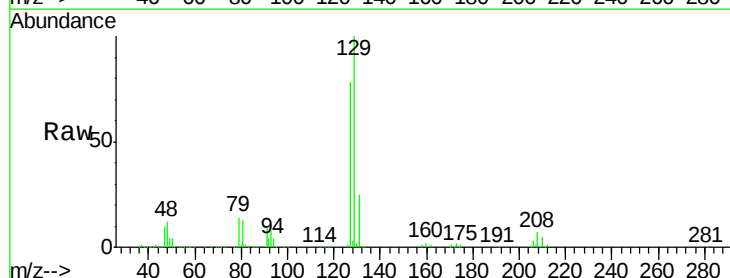
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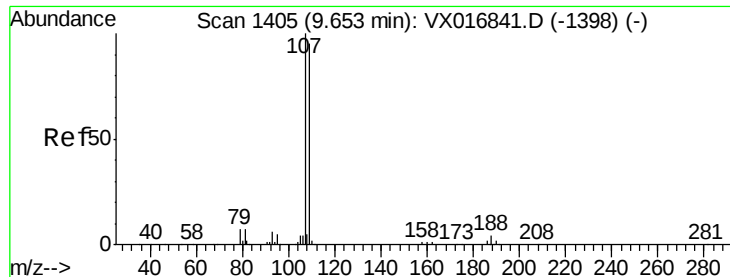
MMDadoda
6/22/2020 12:22:15 PM



#60
Dibromochloromethane
Concen: 48.274 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion: 129 Resp: 248257
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.550 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 230518

Ion Ratio Lower Upper

107 100

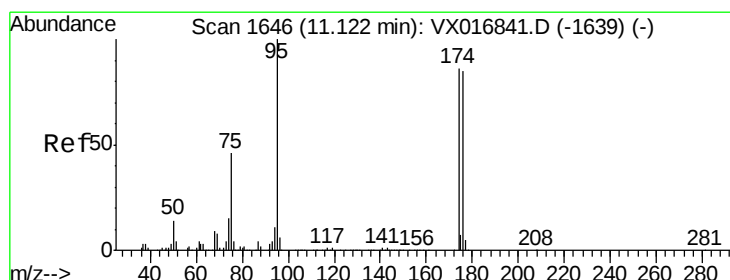
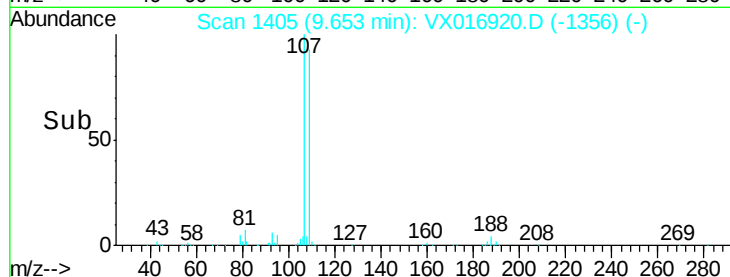
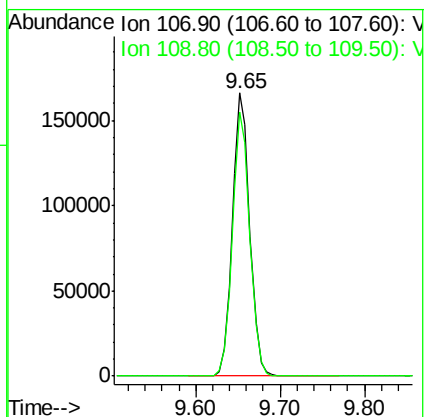
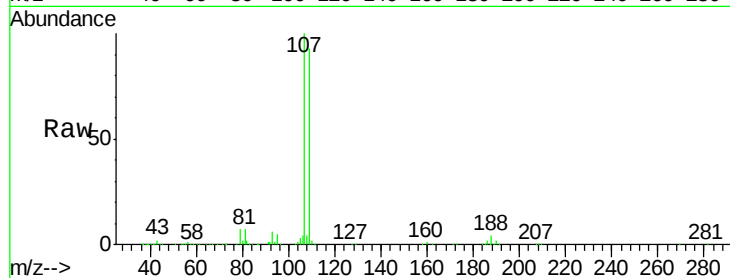
109 93.9 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 42.619 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

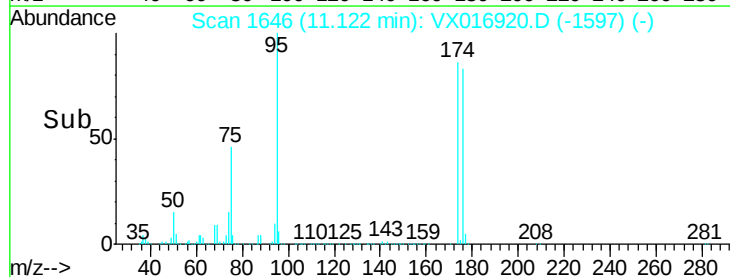
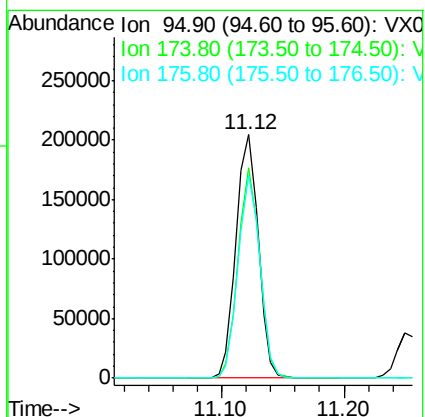
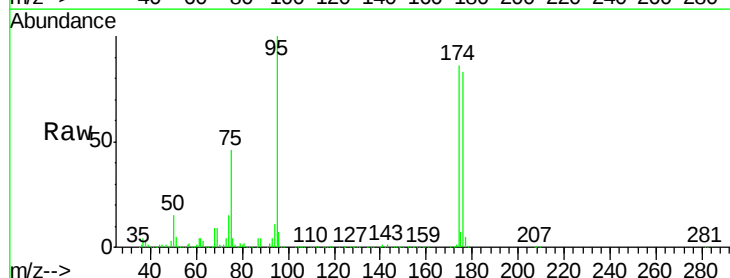
Tgt Ion: 95 Resp: 258182

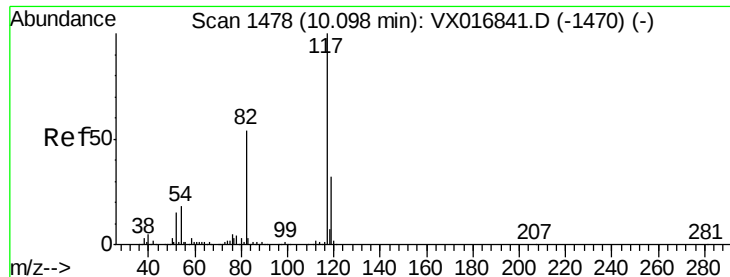
Ion Ratio Lower Upper

95 100

174 83.4 0.0 174.2

176 81.8 0.0 170.0





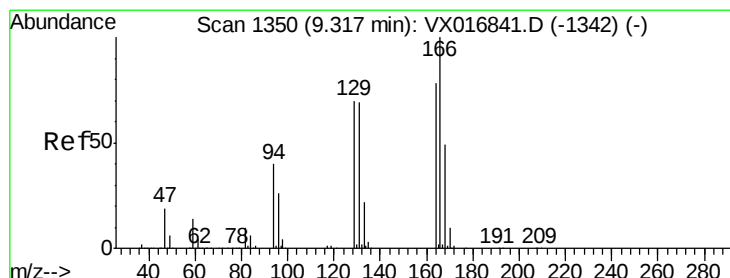
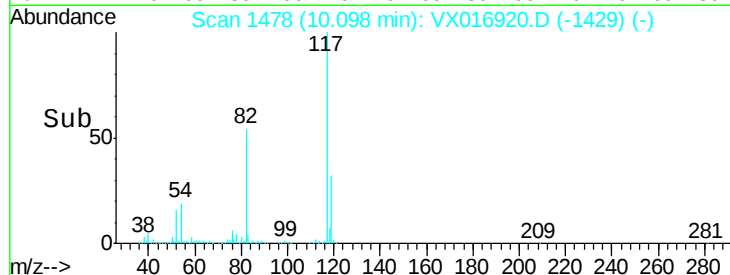
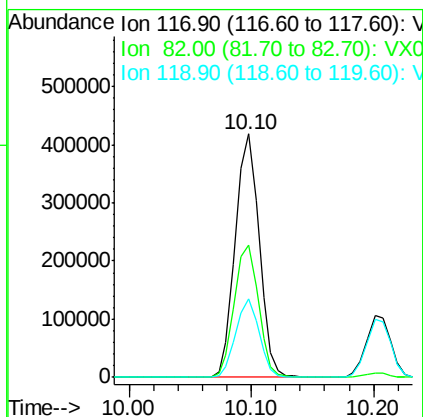
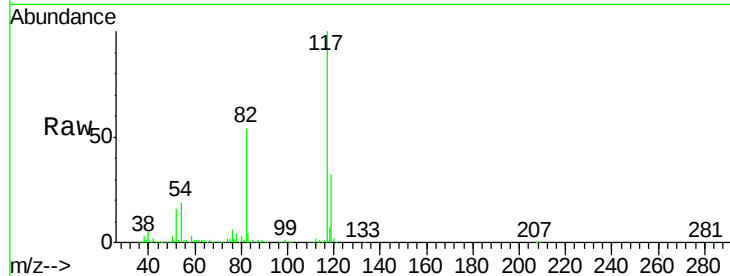
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	32.5	25.7	38.5

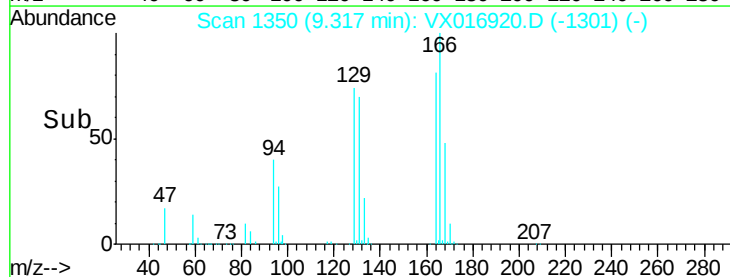
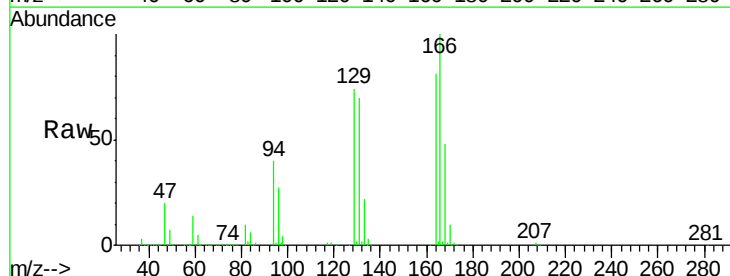
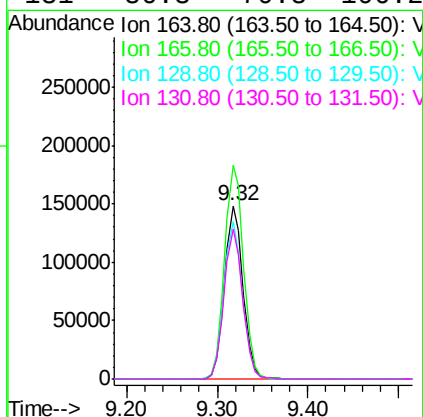
Manual Integrations
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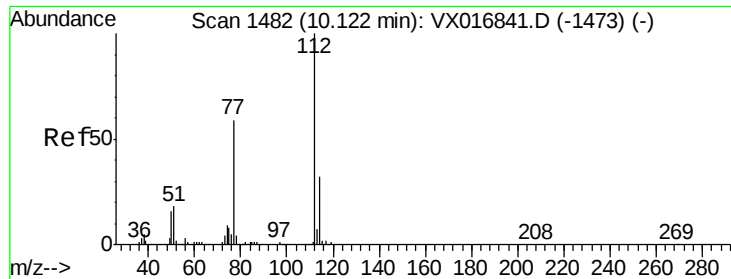
MMDadoda
6/22/2020 12:22:15 PM



#64
Tetrachloroethene
Concen: 40.091 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.6	153.8
129	90.9	72.2	108.2
131	86.3	70.8	106.2





#65

Chlorobenzene

Concen: 49.721 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 570452

Ion Ratio Lower Upper

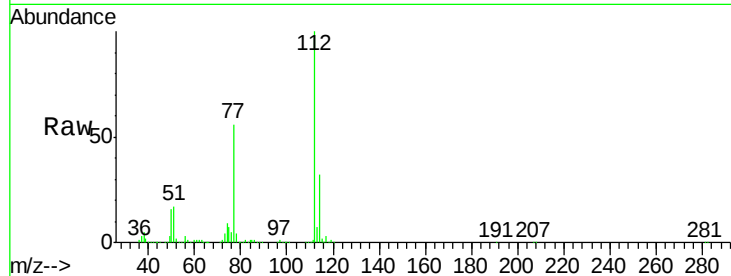
112 100

114 32.4 25.5 38.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

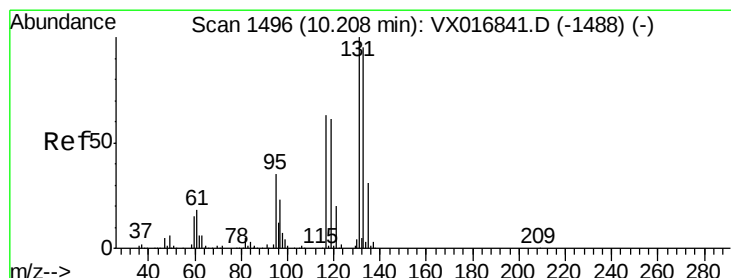
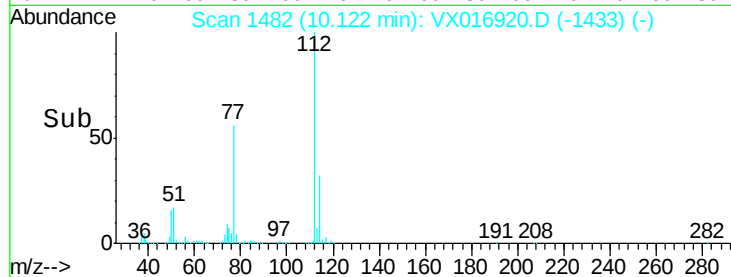
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 49.049 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

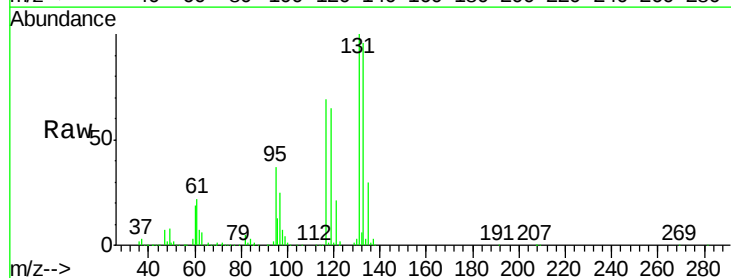
Tgt Ion:131 Resp: 218097

Ion Ratio Lower Upper

131 100

133 96.4 47.7 143.1

119 63.6 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

200000

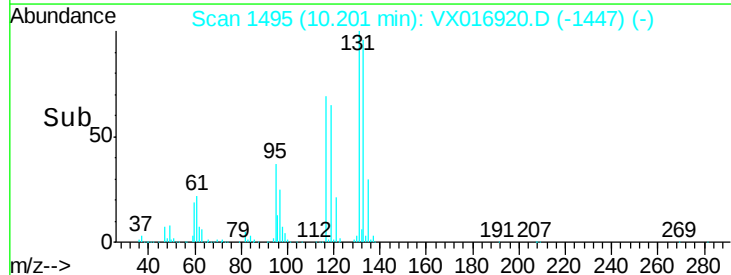
150000

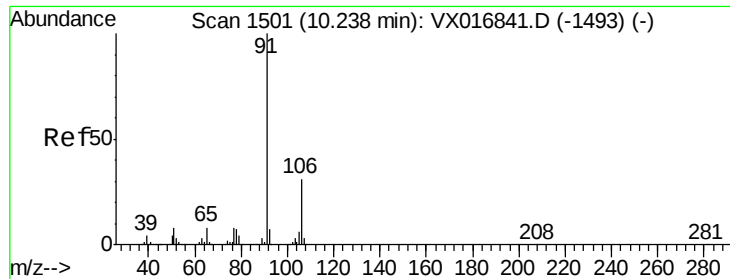
100000

50000

0

Time--> 10.10 10.20 10.30





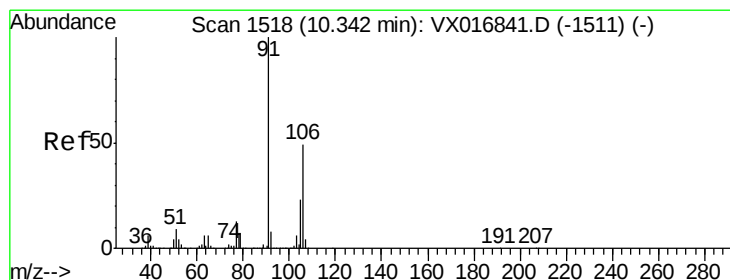
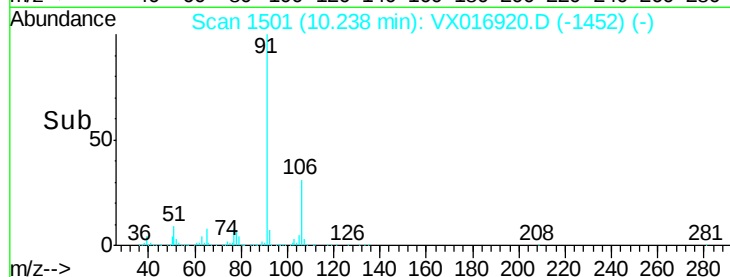
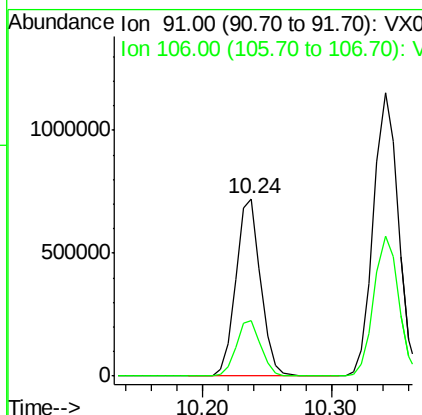
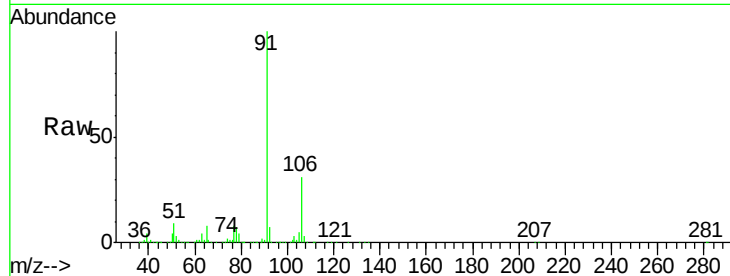
#67
Ethyl Benzene
Concen: 49.874 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 965446
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7

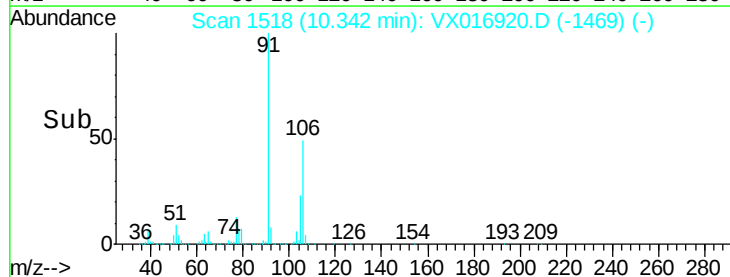
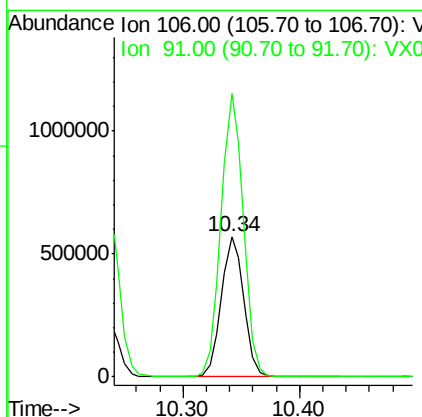
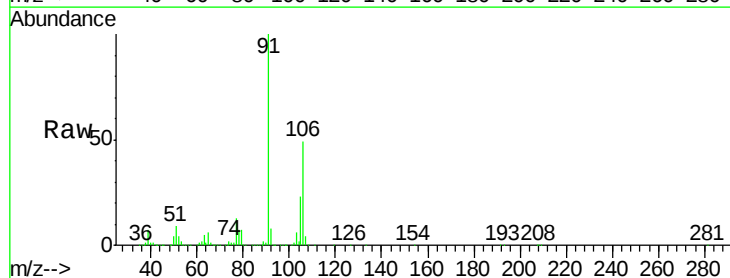
Manual Integrations
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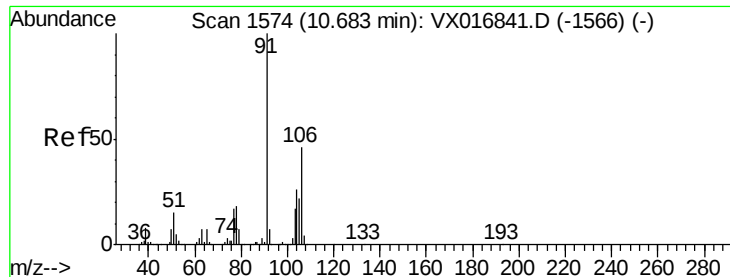
MMDadoda
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#68
m/p-Xylenes
Concen: 100.501 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion: 106 Resp: 757051
Ion Ratio Lower Upper
106 100
91 201.7 161.5 242.3





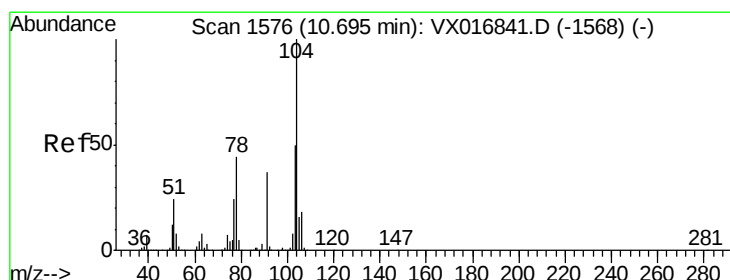
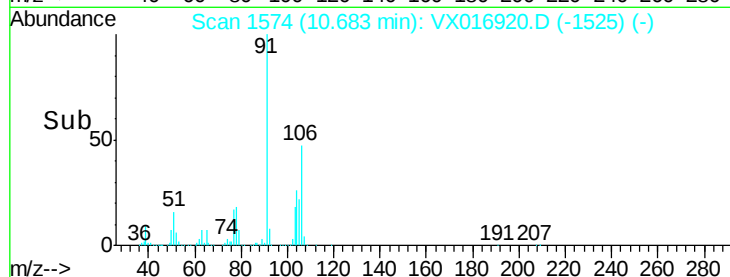
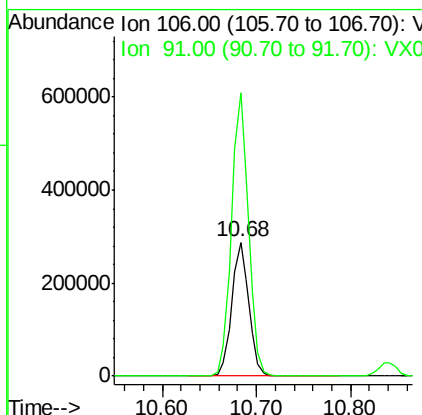
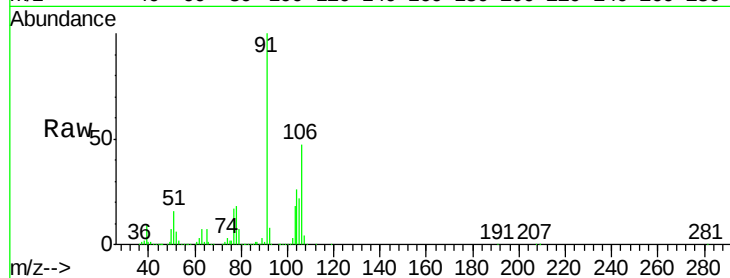
#69
o-Xylene
Concen: 51.640 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.9	107.9	323.7

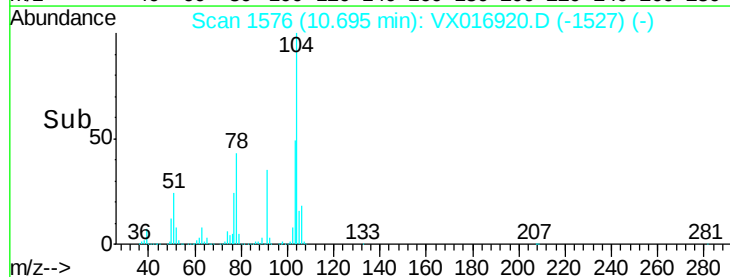
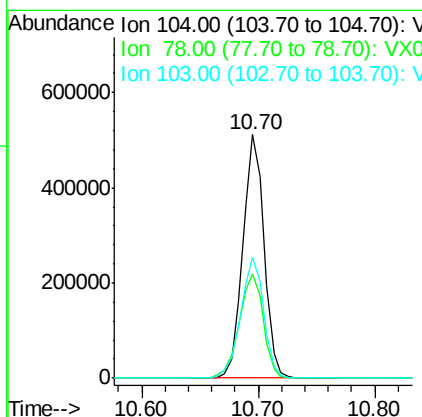
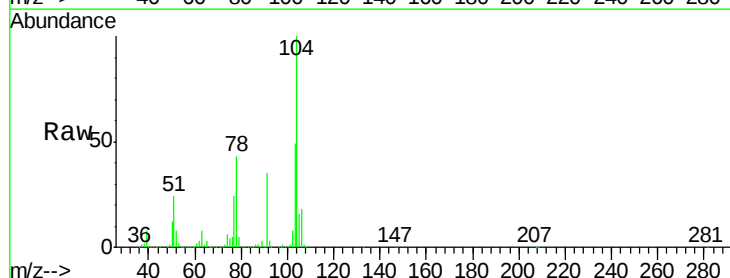
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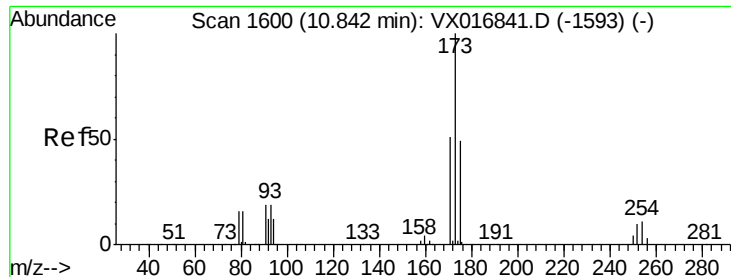
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#70
Styrene
Concen: 55.201 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.6	59.4
103	53.8	43.3	64.9





#71

Bromoform

Concen: 52.545 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

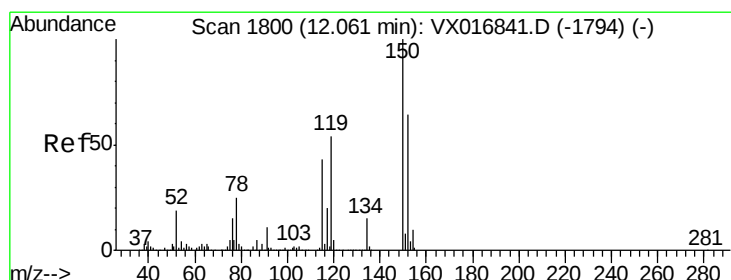
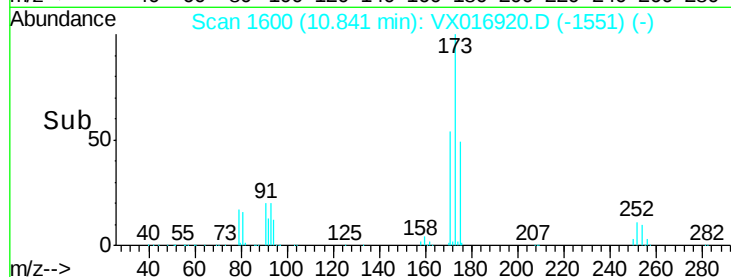
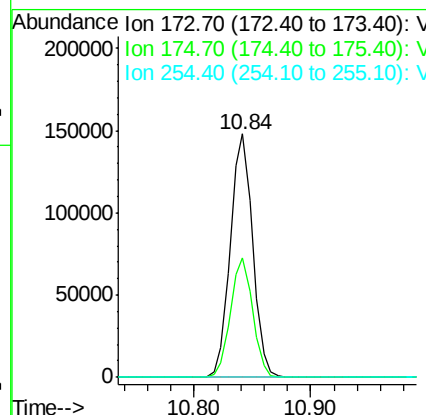
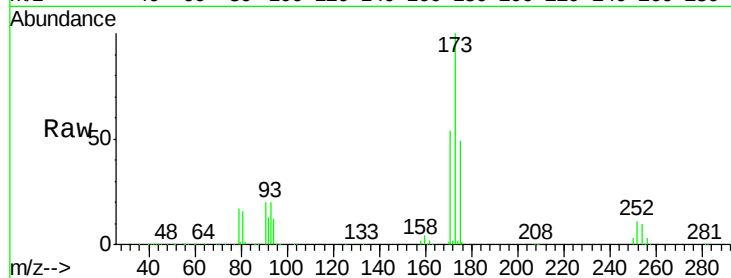
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	73.0
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

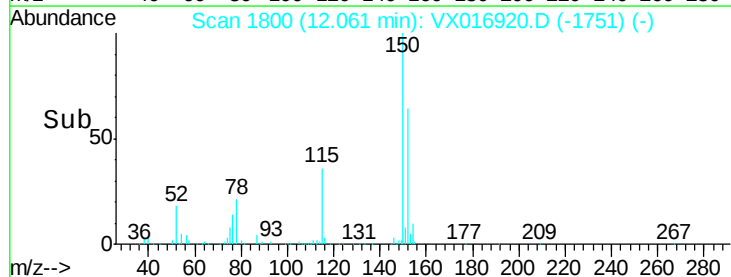
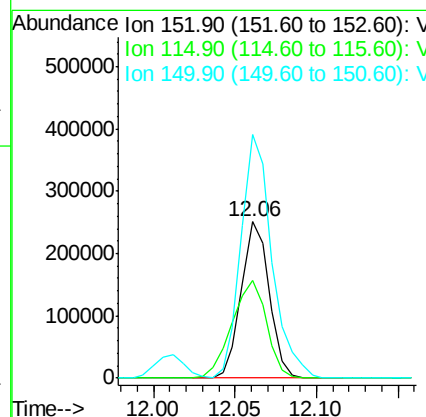
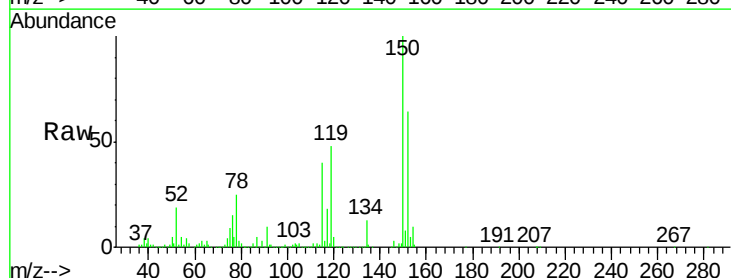
RT: 12.06 min Scan# 1800

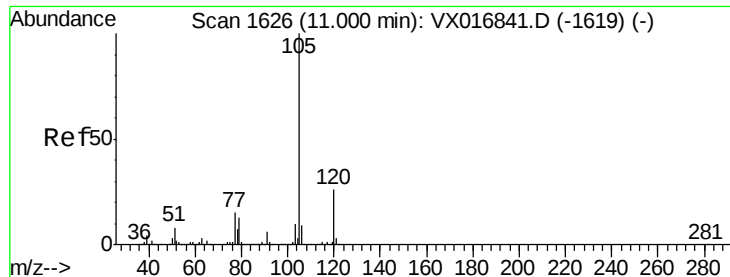
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.4	40.9	122.8
150	172.2	0.0	344.2





#73

Isopropylbenzene

Concen: 51.103 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 988097

Ion Ratio Lower Upper

105 100

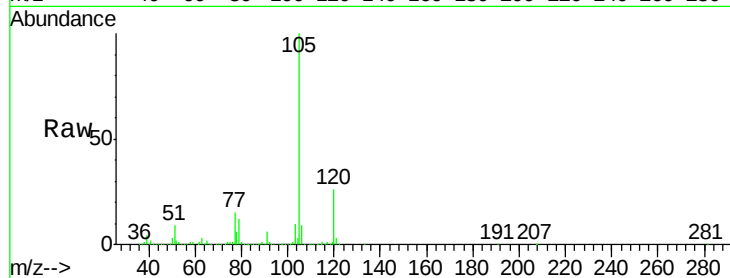
120 26.6 13.2 39.6

Manual Integrations

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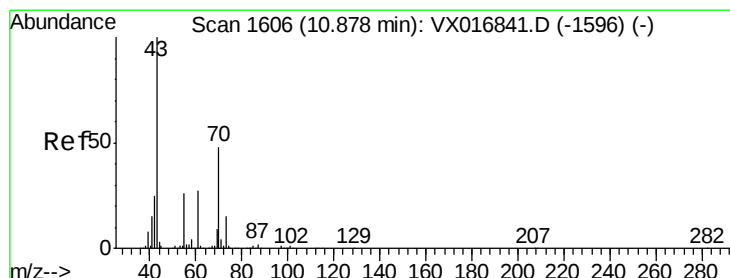
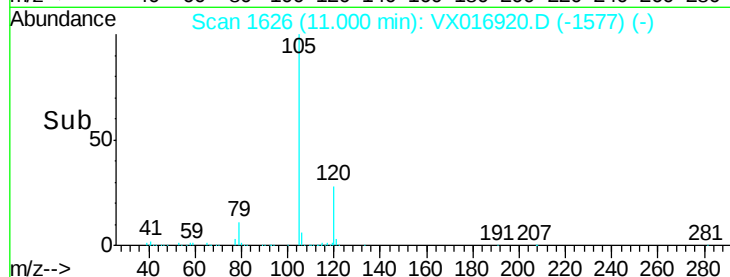
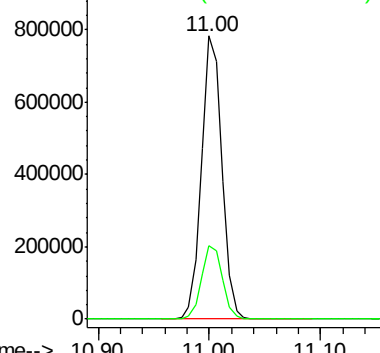
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 67.408 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion: 43 Resp: 455120

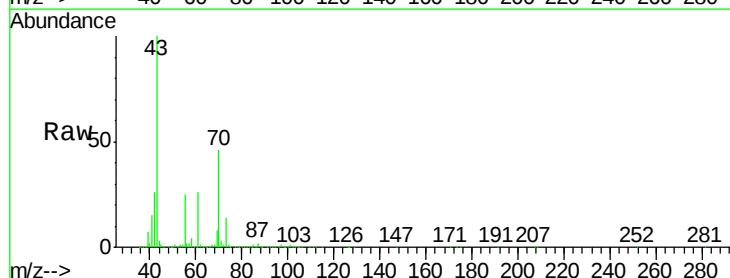
Ion Ratio Lower Upper

43 100

70 46.4 39.9 59.9

55 25.4 21.8 32.6

61 26.2 22.2 33.4

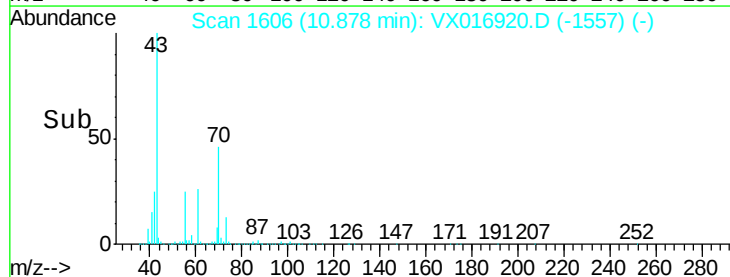
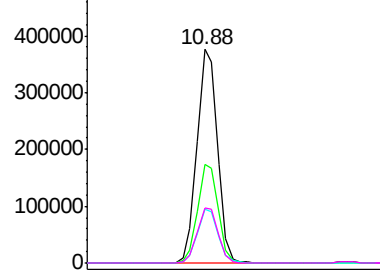


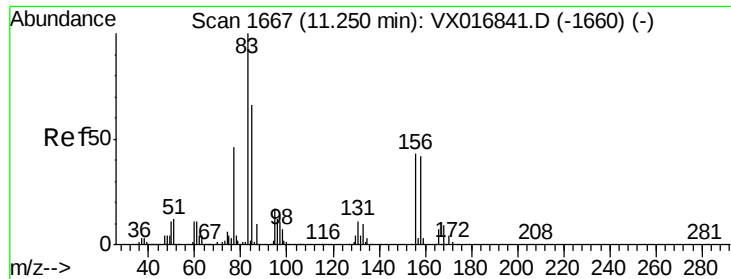
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 57.988 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 316602

Ion Ratio Lower Upper

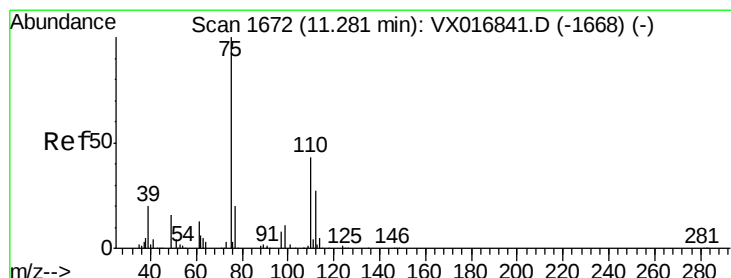
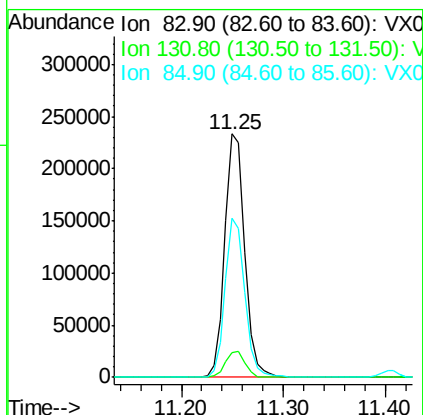
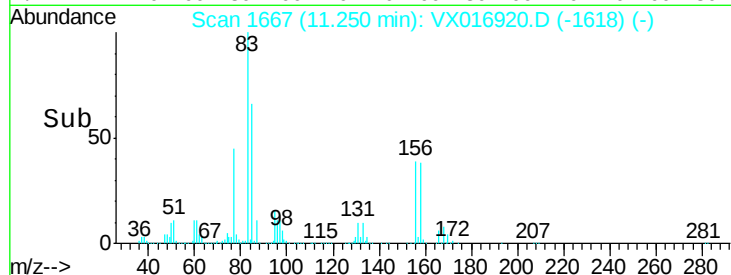
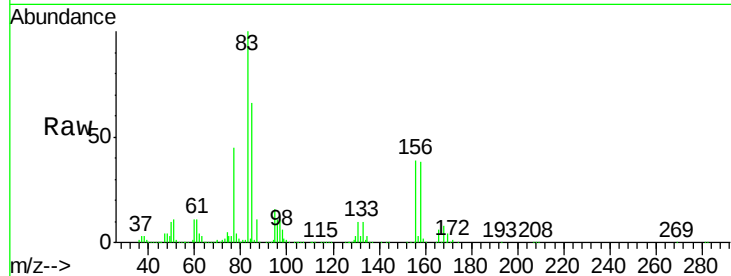
83 100

131 10.6 5.7 17.1

85 64.9 32.6 97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.964 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016920.D

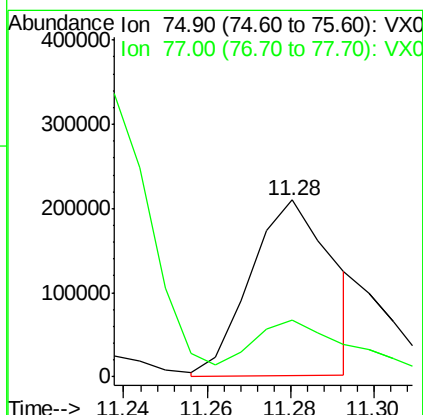
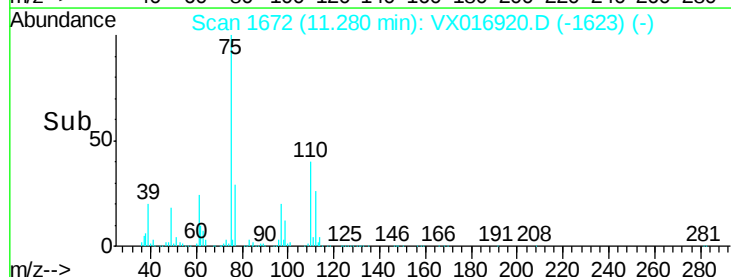
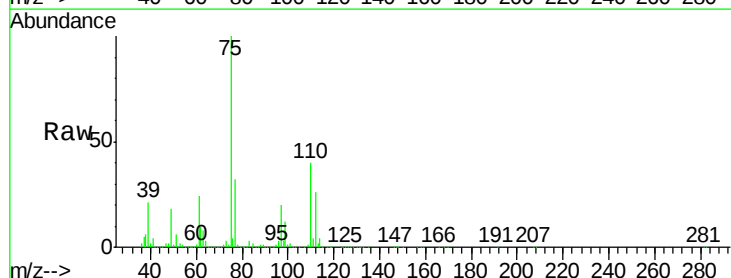
Acq: 20 Jun 2020 09:40

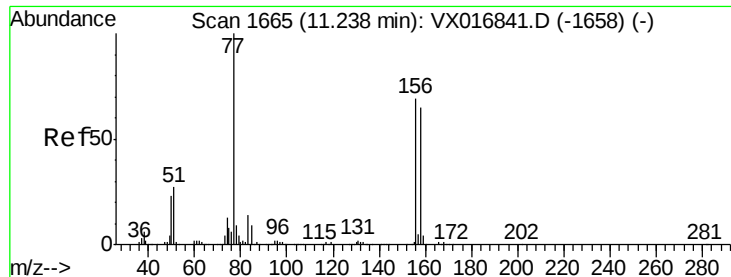
Tgt Ion: 75 Resp: 285005

Ion Ratio Lower Upper

75 100

77 39.6 20.5 61.5





#77

Bromobenzene

Concen: 51.101 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

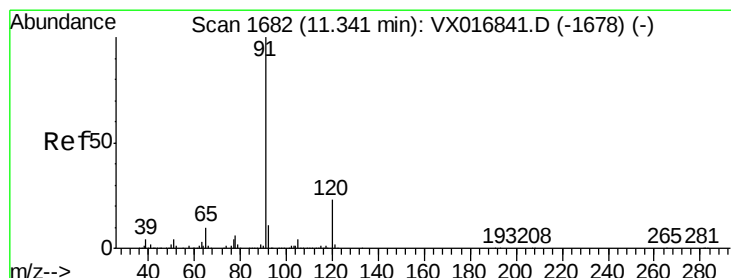
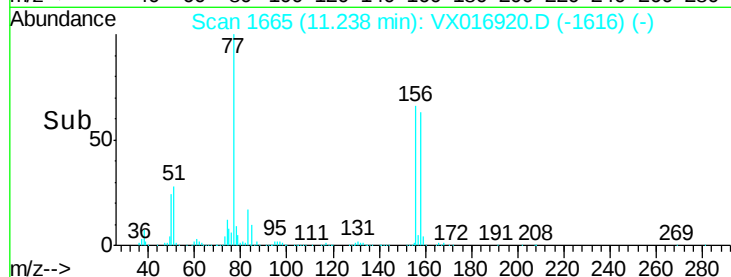
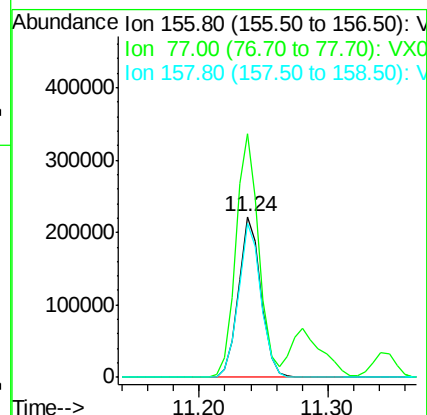
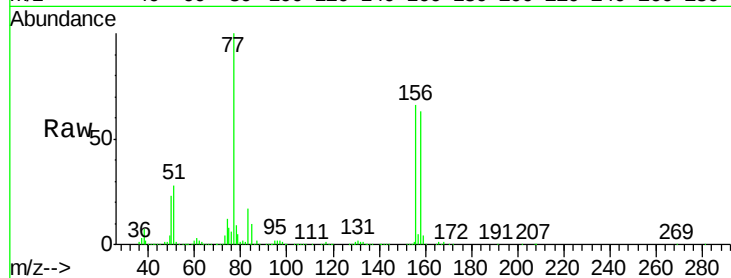
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.0	73.4	220.2
158	96.1	48.8	146.3

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#78

n-propylbenzene

Concen: 51.038 ug/l

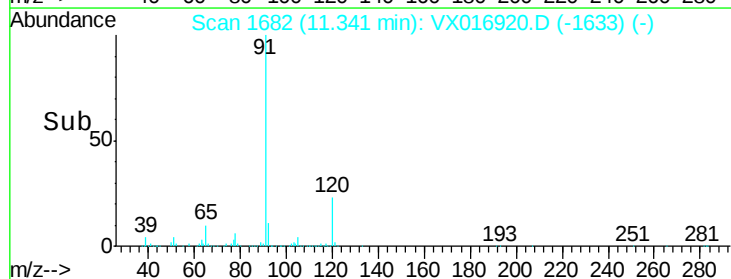
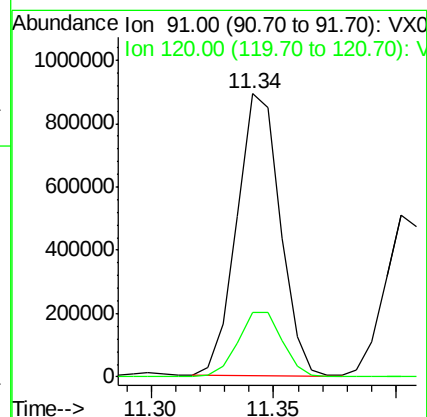
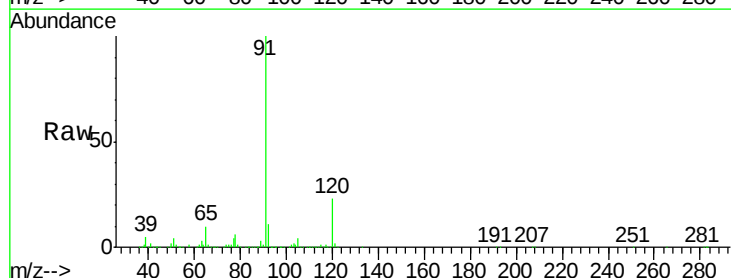
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5





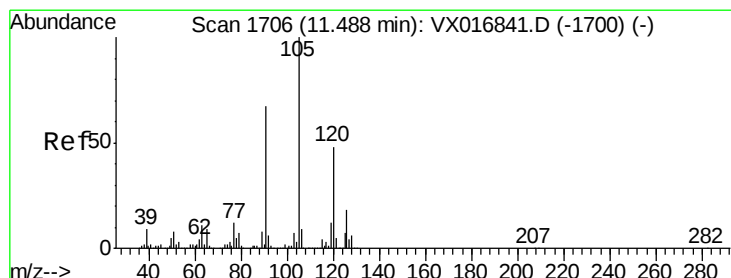
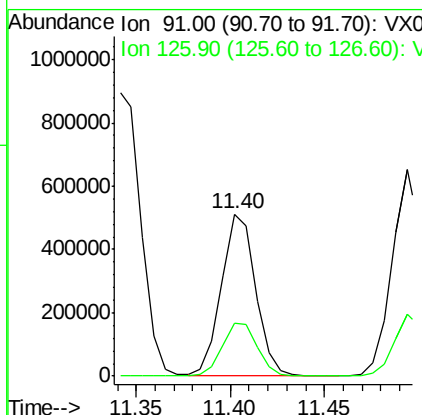
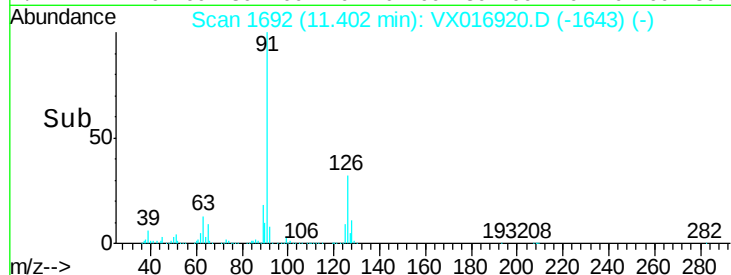
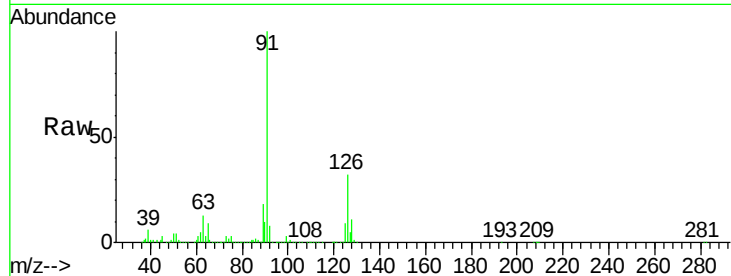
#79
2-Chlorotoluene
Concen: 48.551 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 641005
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

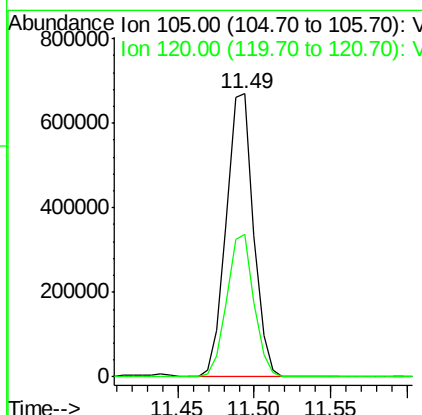
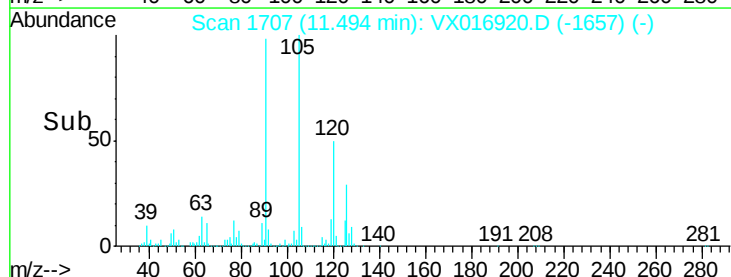
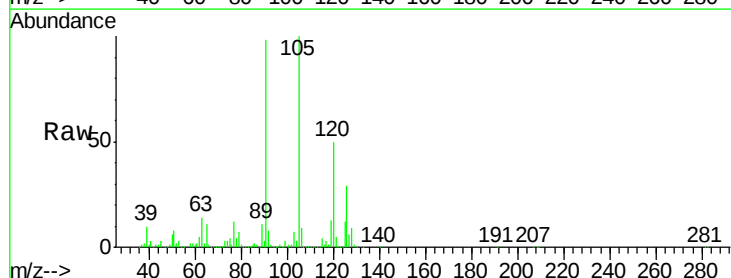
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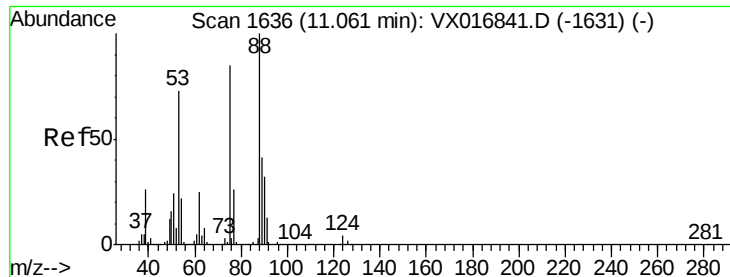
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#80
1,3,5-Trimethylbenzene
Concen: 49.550 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion: 105 Resp: 826629
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.590 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

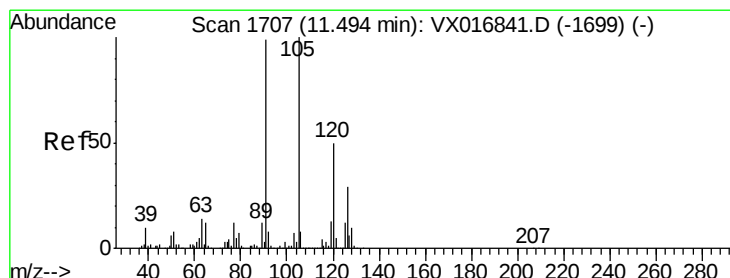
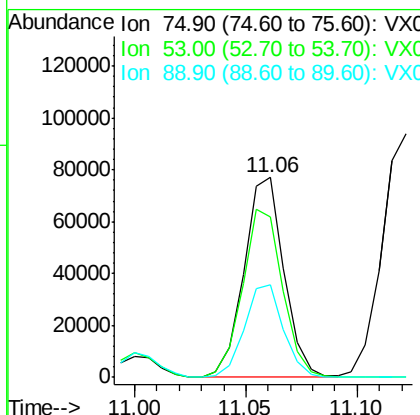
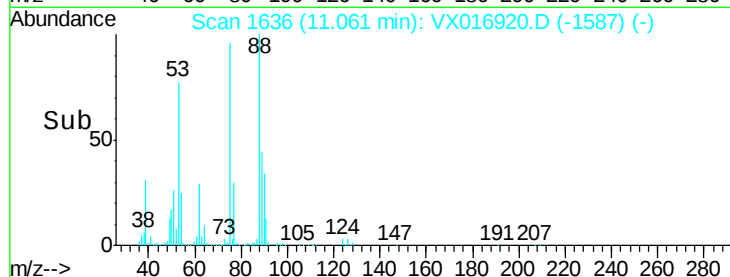
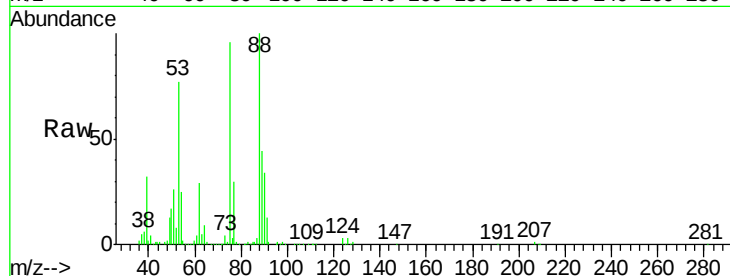
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	95387
Ion	Ratio	Lower	Upper
75	100		
53	85.2	69.8	104.8
89	45.7	38.3	57.5

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#82

4-Chlorotoluene

Concen: 48.978 ug/l

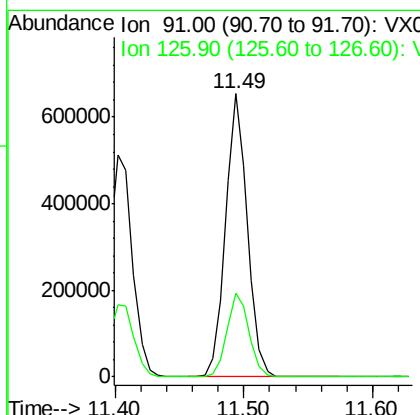
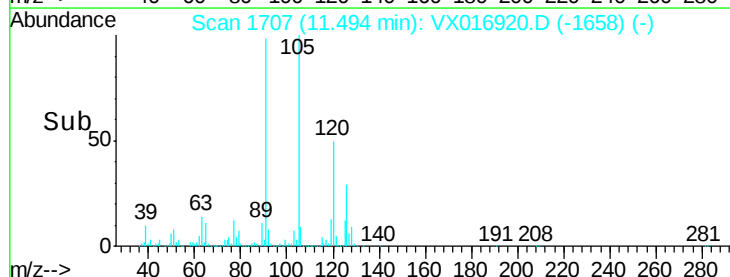
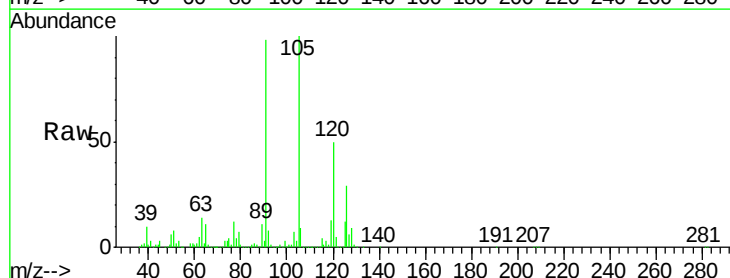
RT: 11.49 min Scan# 1707

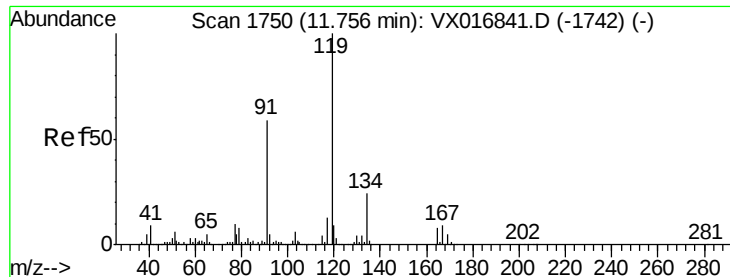
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	91	Resp:	775770
Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





#83

tert-Butylbenzene

Concen: 47.901 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

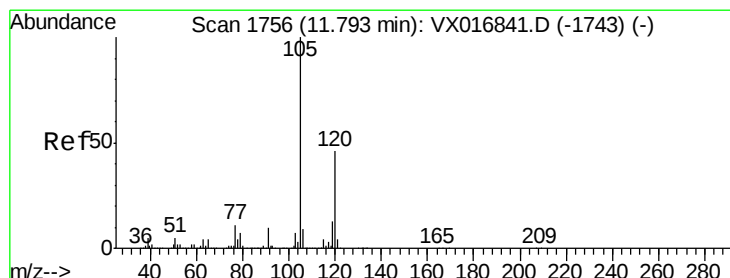
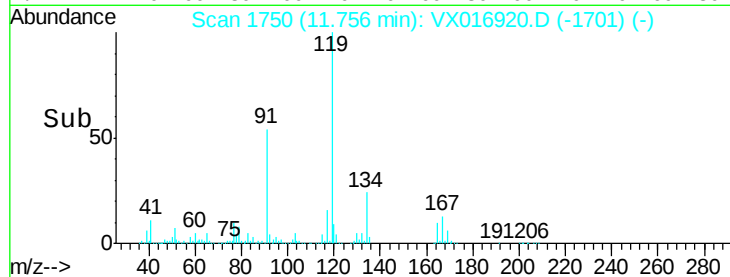
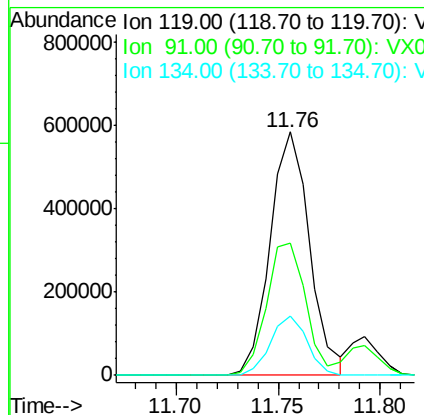
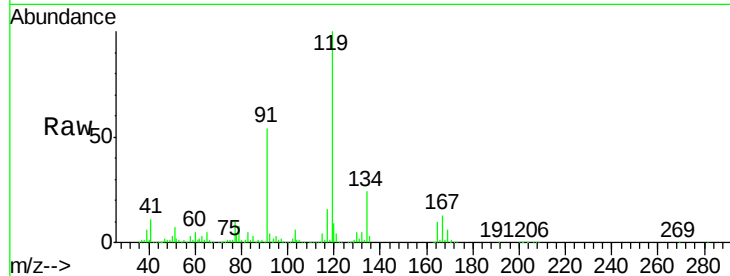
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	790659
Ion Ratio	Lower	Upper	
119	100		
91	53.6	28.5	85.5
134	22.9	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 52.221 ug/l

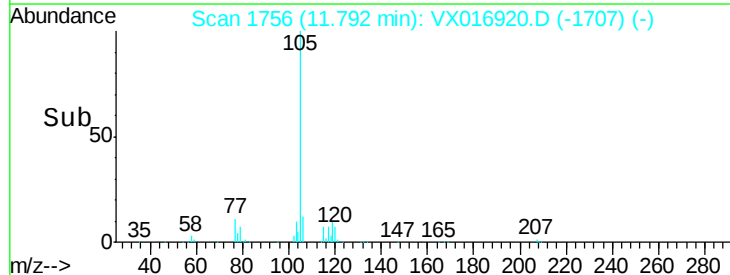
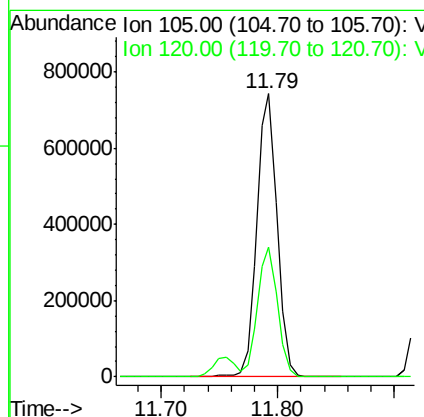
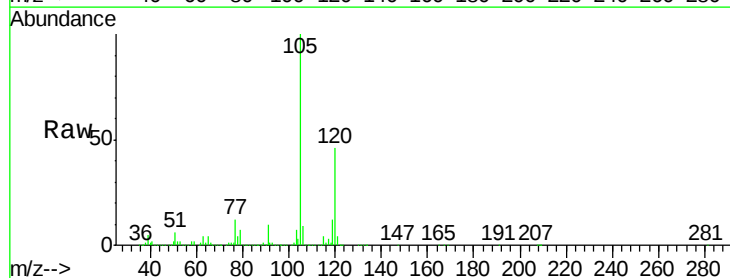
RT: 11.79 min Scan# 1756

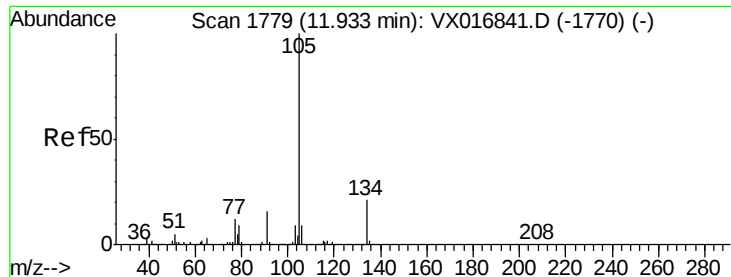
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	105	Resp:	897414
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 46.507 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 891539

Ion Ratio Lower Upper

105 100

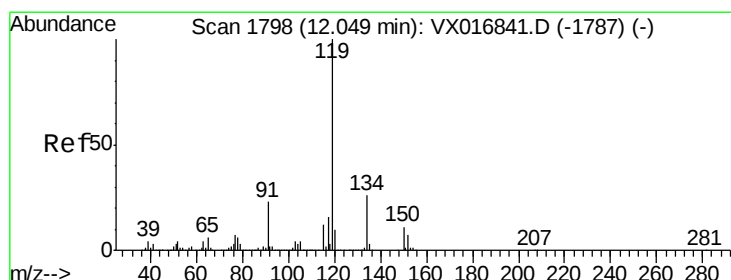
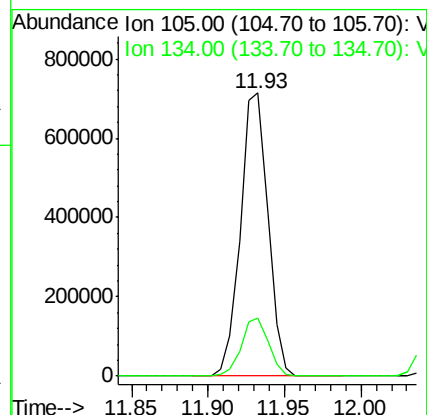
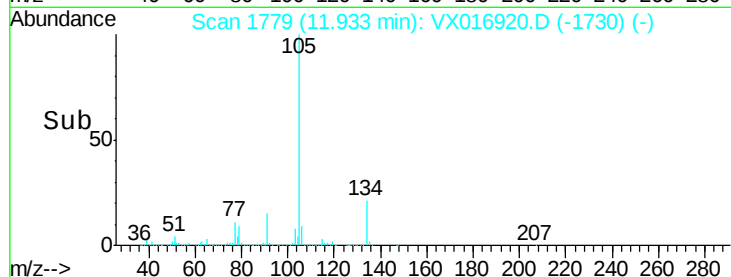
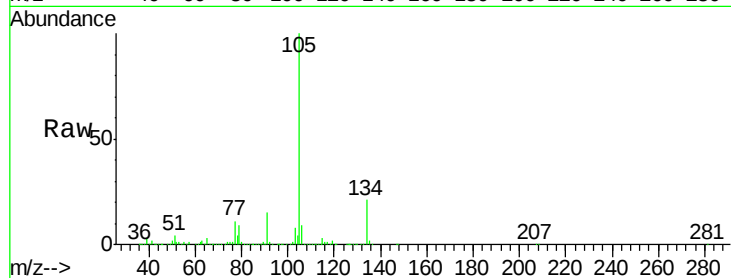
134 20.3 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 49.450 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

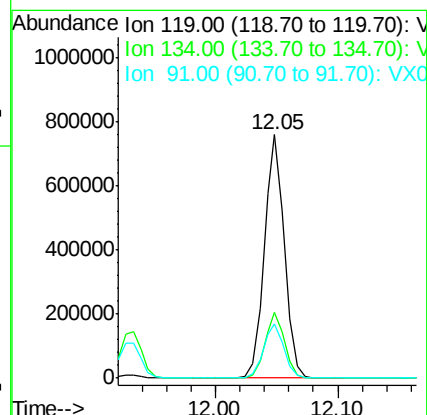
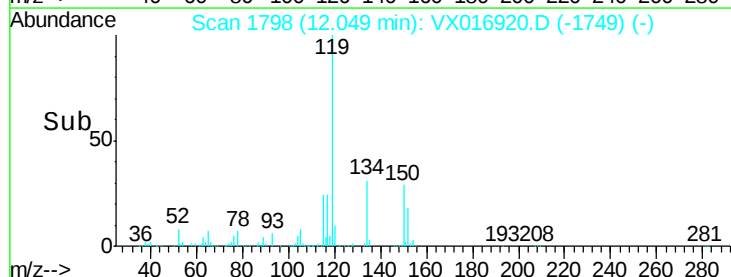
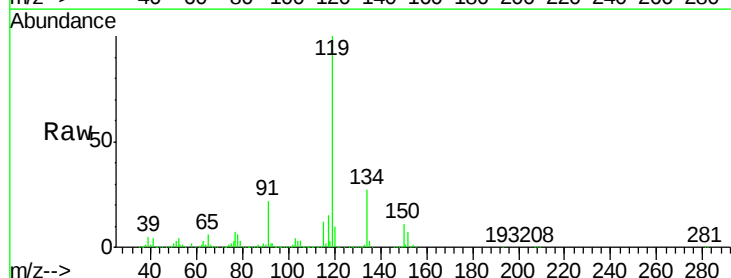
Tgt Ion:119 Resp: 868549

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 22.6 11.6 34.8





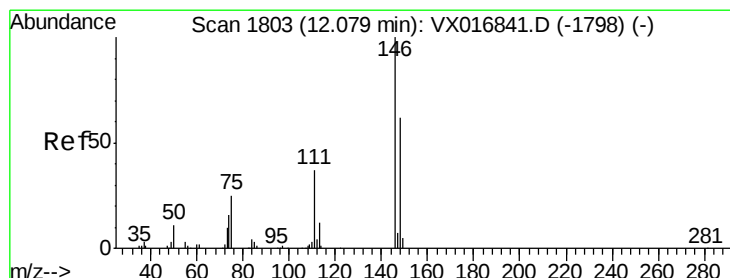
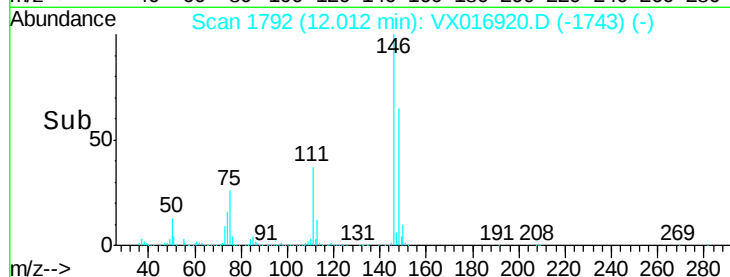
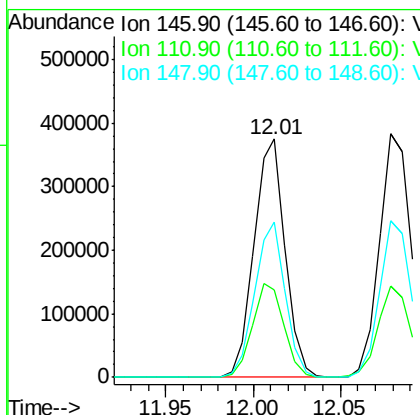
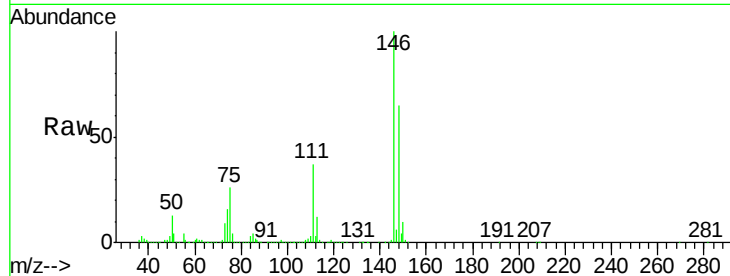
#87
 1,3-Dichlorobenzene
 Concen: 48.384 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	64.2	31.8	95.3

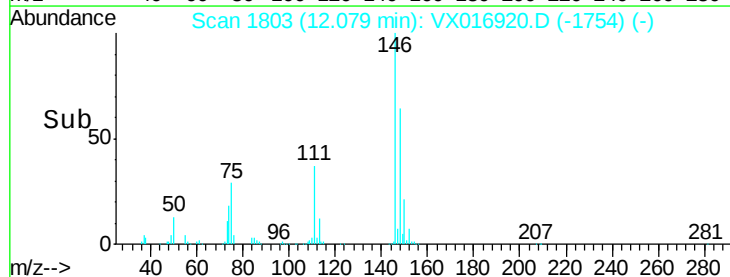
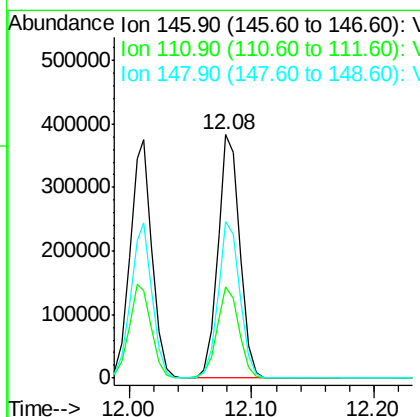
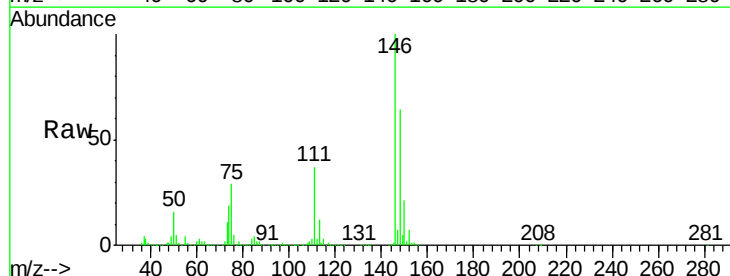
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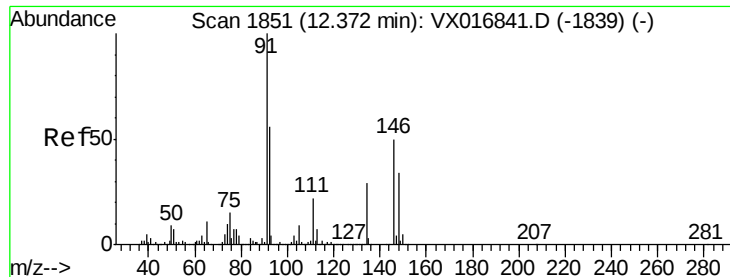
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#88
 1,4-Dichlorobenzene
 Concen: 48.967 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	63.8	31.6	95.0





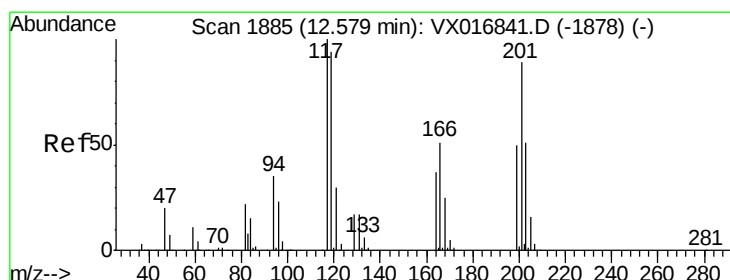
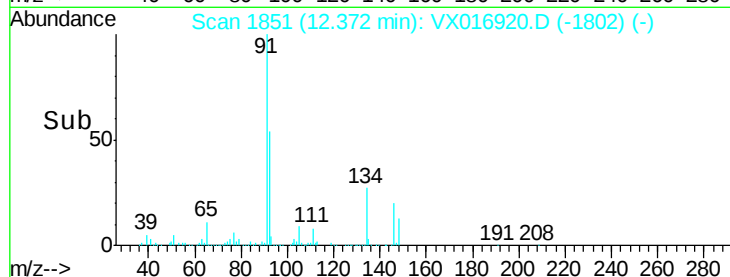
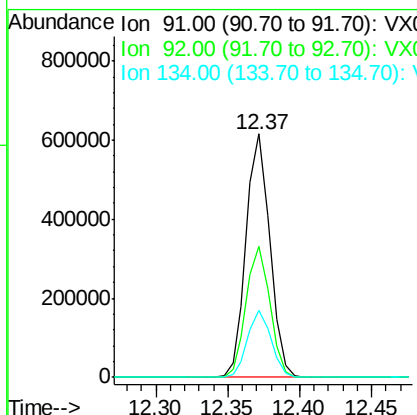
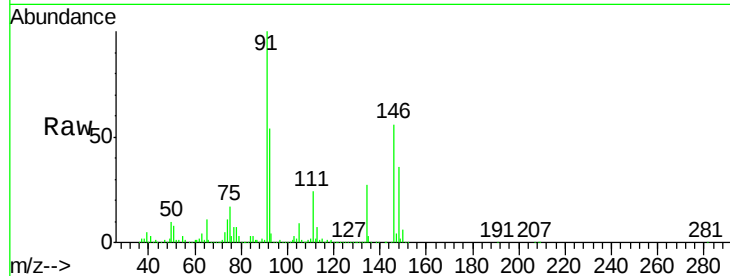
#89
n-Butylbenzene
Concen: 46.671 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.4	82.2
134	27.4	13.9	41.6

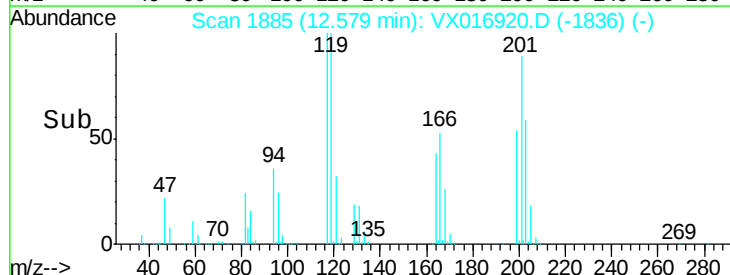
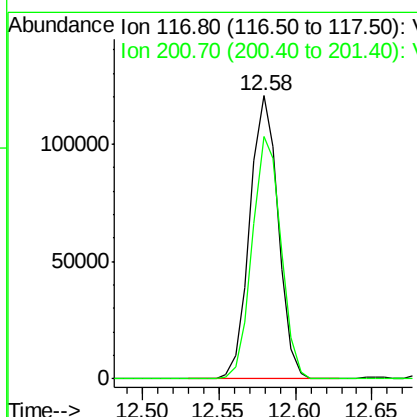
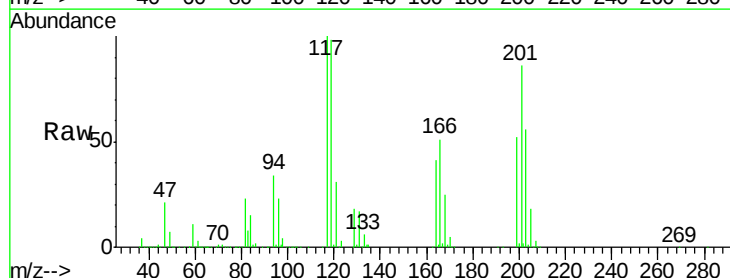
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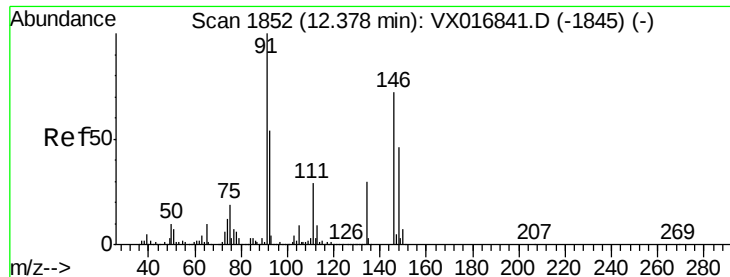
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#90
Hexachloroethane
Concen: 49.259 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016920.D
Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	44.9	134.5





#91

1,2-Dichlorobenzene

Concen: 47.984 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

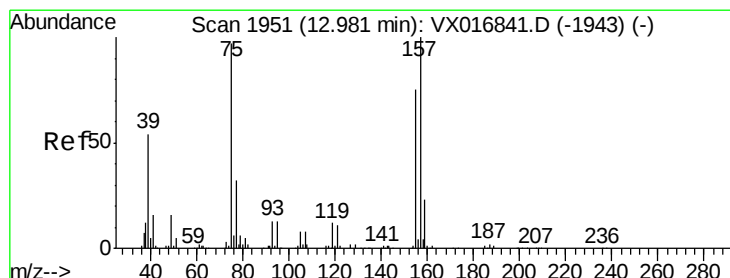
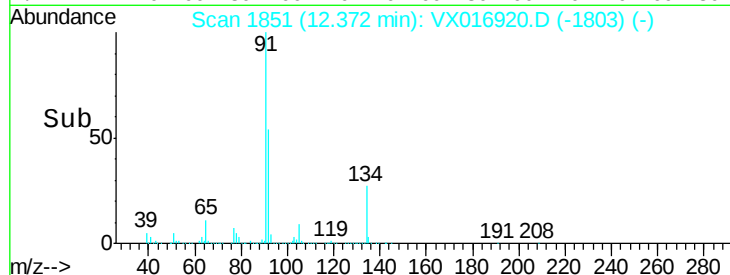
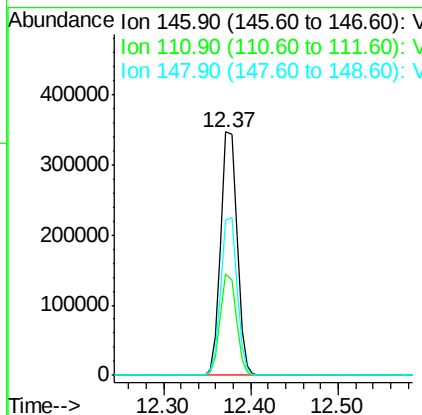
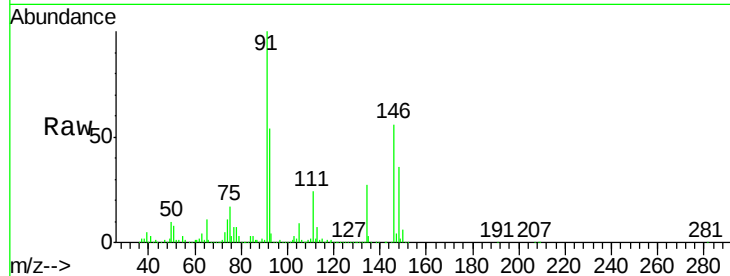
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	446277
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.9	62.7
148	64.3	32.9	98.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.941 ug/l

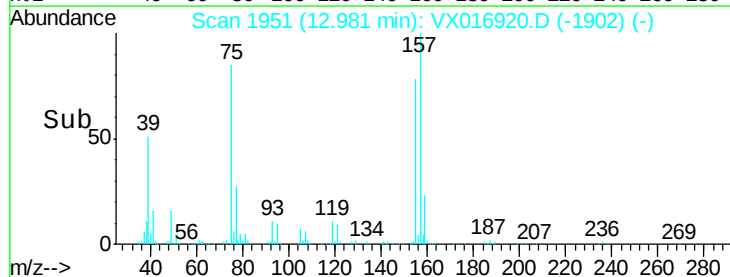
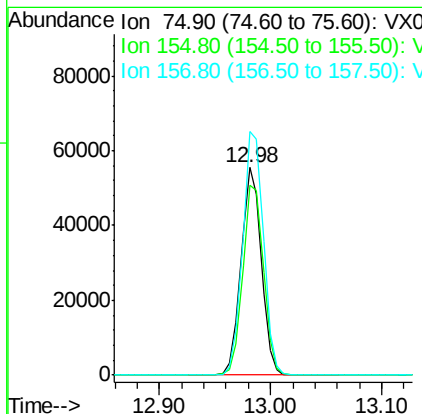
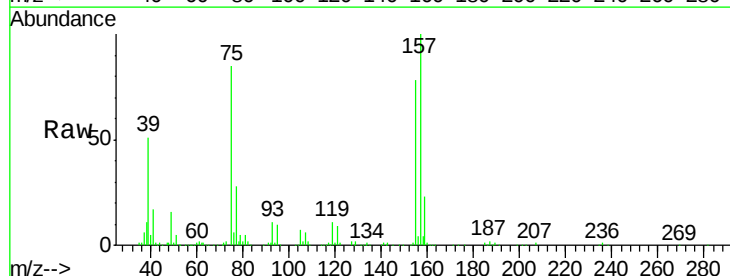
RT: 12.98 min Scan# 1951

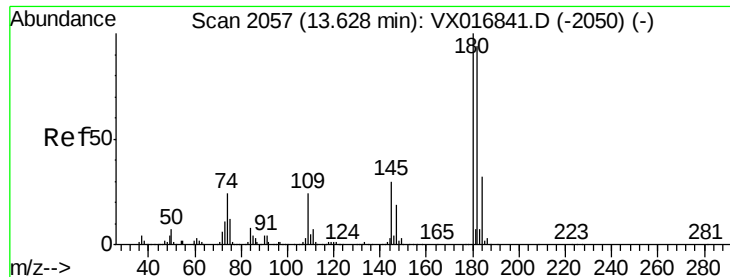
Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Tgt Ion:	75	Resp:	69829
Ion Ratio	Lower	Upper	
75	100		
155	93.7	46.4	139.1
157	120.5	58.6	175.8





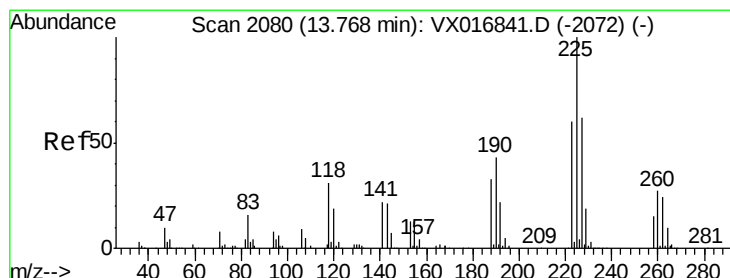
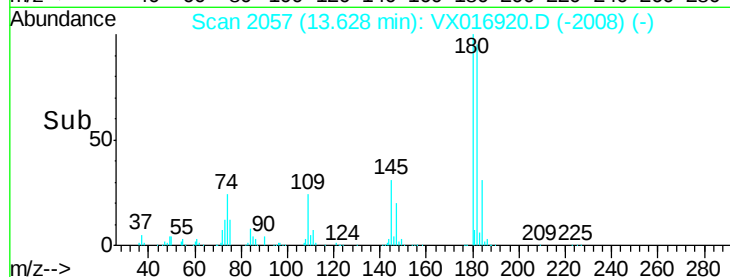
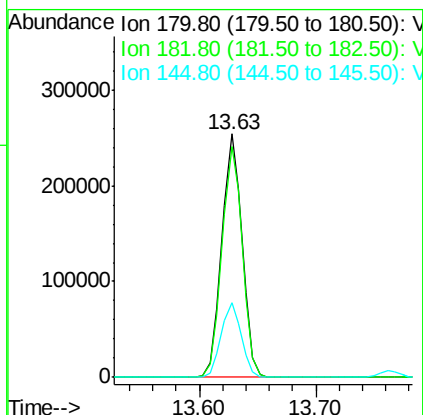
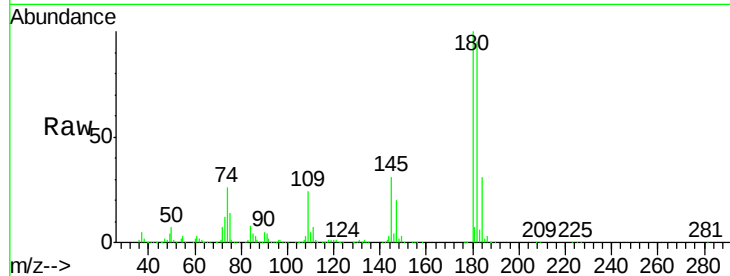
#93
 1,2,4-Trichlorobenzene
 Concen: 48.698 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	30.7	15.0	45.1

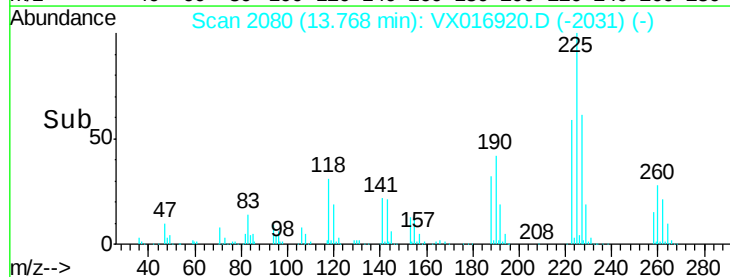
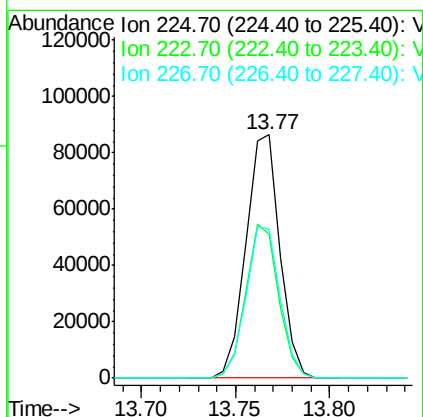
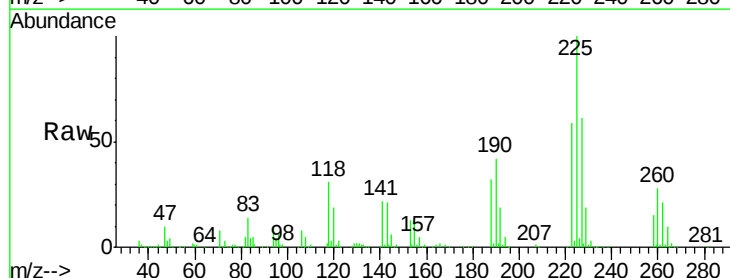
Manual Integrations
 APPROVED

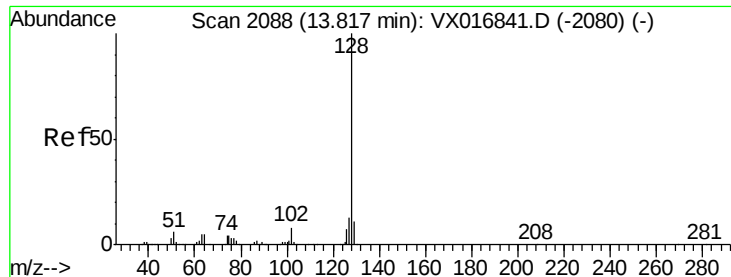
MMDadoda
 6/22/2020 12:22:15 PM



#94
 Hexachlorobutadiene
 Concen: 38.094 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016920.D
 Acq: 20 Jun 2020 09:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.1	96.5
227	62.7	32.3	96.8





#95

Naphthalene

Concen: 56.751 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1040542

Ion Ratio Lower Upper

128 100

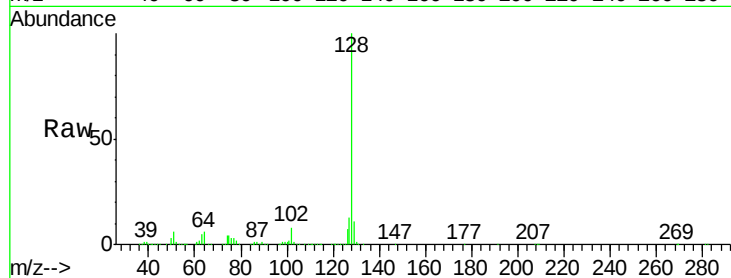
127 12.8 10.4 15.6

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

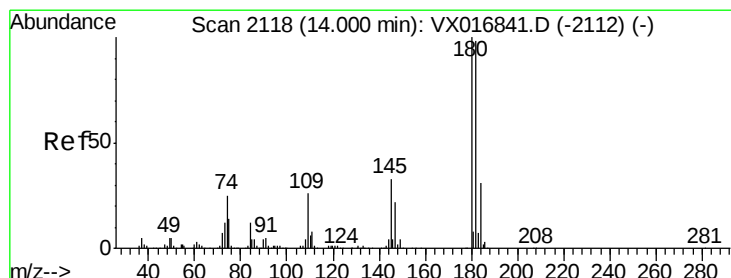
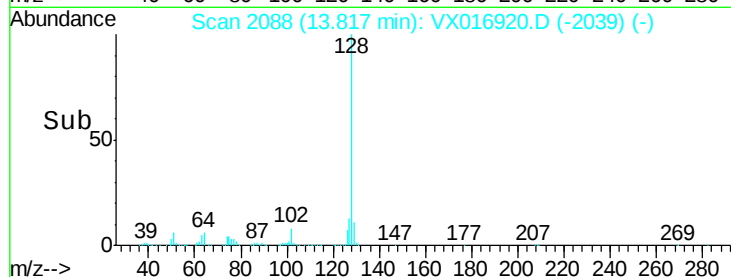
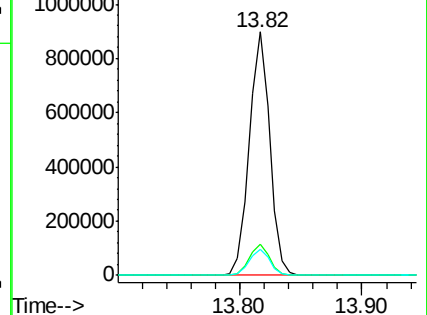
6/22/2020 12:22:15 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.298 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016920.D

Acq: 20 Jun 2020 09:40

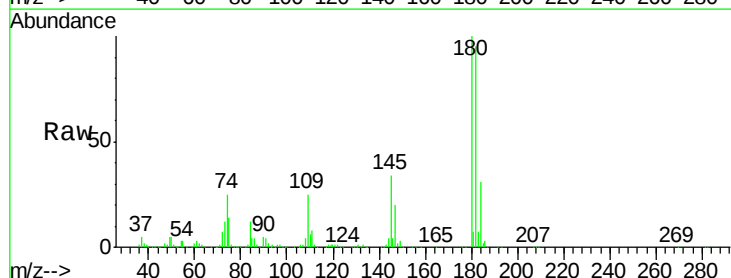
Tgt Ion:180 Resp: 307037

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.3

145 32.5 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

