

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017773.D
 Acq On : 04 Aug 2020 16:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:26 PM

Quant Time: Aug 05 08:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	485189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	742437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	721226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	341450	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	5.47	113	267372	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	8.70	98	960227	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.12	95	375185	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	216761	48.116	ug/l	98
3) Chloromethane	1.31	50	268808	44.859	ug/l	100
4) Vinyl Chloride	1.39	62	269786	44.187	ug/l	97
5) Bromomethane	1.62	94	161947	49.307	ug/l	96
6) Chloroethane	1.70	64	170718	50.718	ug/l	93
7) Trichlorofluoromethane	1.92	101	455760	47.459	ug/l	99
8) Diethyl Ether	2.17	74	157602	50.637	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	237015	44.975	ug/l	97
10) Methyl Iodide	2.50	142	297429	44.115	ug/l	96
11) Tert butyl alcohol	3.03	59	317414	241.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229301	45.755	ug/l	96
13) Acrolein	2.27	56	242883	242.316	ug/l	98
14) Allyl chloride	2.71	41	460669	50.342	ug/l	98
15) Acrylonitrile	3.12	53	730760	257.573	ug/l	99
16) Acetone	2.42	43	712320	259.674	ug/l	98
17) Carbon Disulfide	2.55	76	619966	40.700	ug/l	98
18) Methyl Acetate	2.75	43	375933	58.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	836776	48.241	ug/l	100
20) Methylene Chloride	2.84	84	281474	54.601	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	244963	45.628	ug/l	95
22) Diisopropyl ether	3.83	45	860064	51.402	ug/l	99
23) Vinyl Acetate	3.79	43	3841043	257.466	ug/l	99
24) 1,1-Dichloroethane	3.67	63	477332	49.523	ug/l	99
25) 2-Butanone	4.64	43	1050243	269.507	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399466	46.300	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	290576	49.831	ug/l	98
28) Bromochloromethane	4.98	49	211125	48.337	ug/l	97
29) Tetrahydrofuran	5.09	42	657238	272.279	ug/l	99
30) Chloroform	5.18	83	509587	51.743	ug/l	98
31) Cyclohexane	5.55	56	364709	47.450	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	473602	50.997	ug/l	100
36) 1,1-Dichloropropene	5.77	75	351003	49.294	ug/l	99
37) Ethyl Acetate	4.80	43	412181	52.904	ug/l	99
38) Carbon Tetrachloride	5.76	117	432042	49.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362017	43.551	ug/l	100
40) Benzene	6.12	78	1101042	53.934	ug/l	98
41) Methacrylonitrile	5.01	41	231179	51.767	ug/l	98
42) 1,2-Dichloroethane	6.17	62	449687	53.844	ug/l	98
43) Isopropyl Acetate	6.42	43	687225	53.461	ug/l	100
44) Trichloroethene	7.19	130	335460	56.229	ug/l	94
45) 1,2-Dichloropropane	7.49	63	275862	48.745	ug/l	97
46) Dibromomethane	7.64	93	201859	50.472	ug/l	98
47) Bromodichloromethane	7.88	83	419653	52.148	ug/l	99
48) Methyl methacrylate	7.75	41	344029	53.990	ug/l	99
49) 1,4-Dioxane	7.72	88	118298	968.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2155194	280.991	ug/l	99
52) Toluene	8.77	92	658876	50.326	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	448935	49.835	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	454706	49.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289320	53.048	ug/l	97
56) Ethyl methacrylate	9.16	69	449580	54.715	ug/l	100
57) 1,3-Dichloropropane	9.35	76	467577	52.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1123028	259.423	ug/l	99
59) 2-Hexanone	9.48	43	1492575	258.471	ug/l	99
60) Dibromochloromethane	9.57	129	369688	53.331	ug/l	100
61) 1,2-Dibromoethane	9.65	107	309131	53.239	ug/l	99
64) Tetrachloroethene	9.32	164	313199	48.384	ug/l	96
65) Chlorobenzene	10.12	112	804901	51.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	336683	53.438	ug/l	100
67) Ethyl Benzene	10.24	91	1431415	54.930	ug/l	99
68) m/p-Xylenes	10.34	106	1068776	105.869	ug/l	97
69) o-Xylene	10.68	106	477474	49.177	ug/l	99
70) Styrene	10.70	104	840868	50.901	ug/l	98
71) Bromoform	10.84	173	263580	48.287	ug/l	98
73) Isopropylbenzene	11.00	105	1302538	49.239	ug/l	99
74) N-amyl acetate	10.88	43	556893	47.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	383520	46.447	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	370630m	46.725	ug/l	
77) Bromobenzene	11.24	156	341210	46.074	ug/l	99
78) n-propylbenzene	11.34	91	1459634	48.923	ug/l	100
79) 2-Chlorotoluene	11.40	91	881089	47.673	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1098856	48.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145671	46.275	ug/l	99
82) 4-Chlorotoluene	11.49	91	1059203	48.584	ug/l	100
83) tert-Butylbenzene	11.76	119	1049383	48.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1095343	48.758	ug/l	99
85) sec-Butylbenzene	11.93	105	1227706	48.765	ug/l	99
86) p-Isopropyltoluene	12.05	119	1156815	48.250	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	593928	46.702	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612069	46.464	ug/l	98
89) n-Butylbenzene	12.37	91	959472	44.911	ug/l	100
90) Hexachloroethane	12.58	117	216418	45.786	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	594480	47.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106152	45.693	ug/l	98

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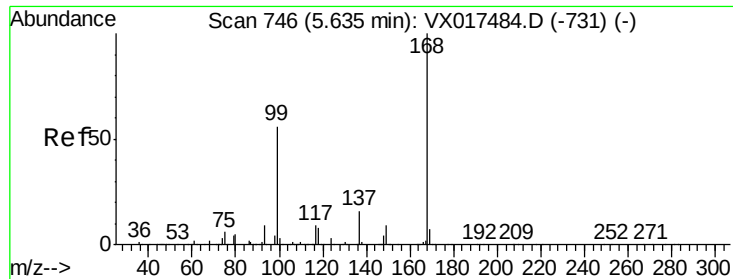
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402771	47.215	ug/l	99
94) Hexachlorobutadiene	13.77	225	144506	36.801	ug/l	95
95) Naphthalene	13.82	128	1301235	51.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	397096	47.145	ug/l	97

(#) = 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. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 485189

Ion Ratio Lower Upper

168 100

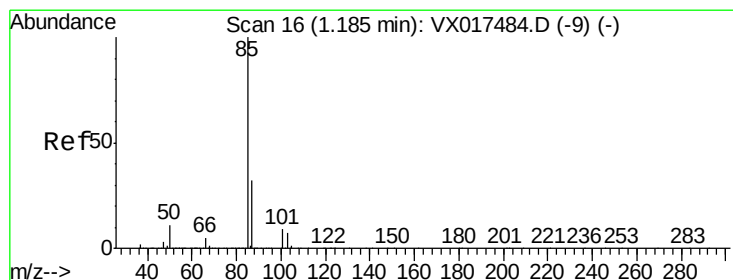
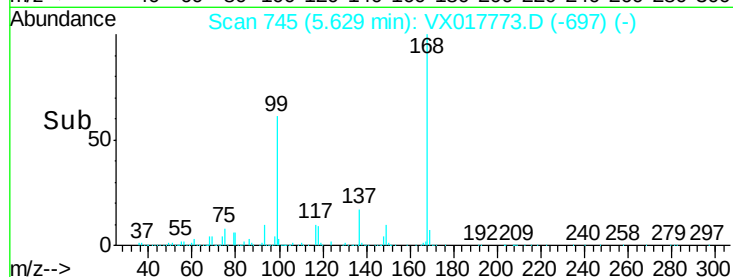
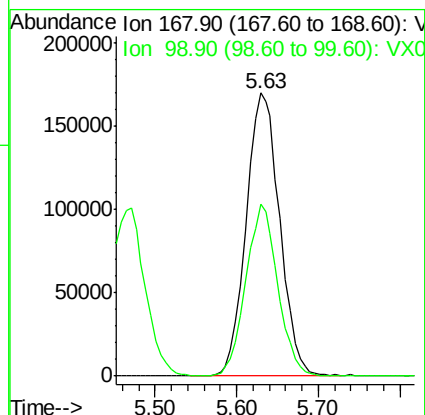
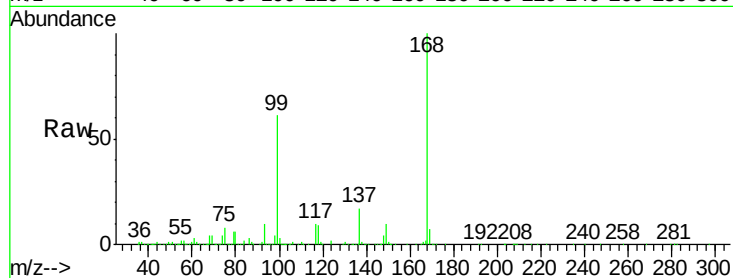
99 60.3 43.4 65.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.116 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017773.D

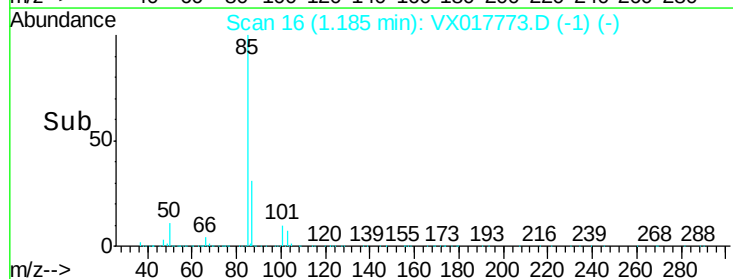
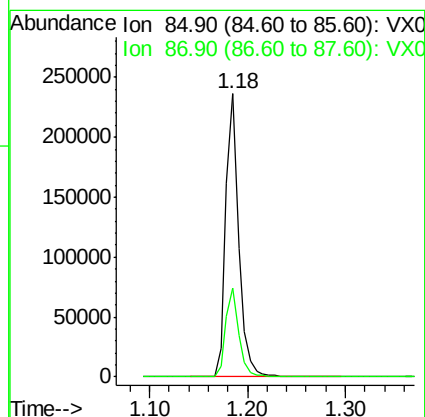
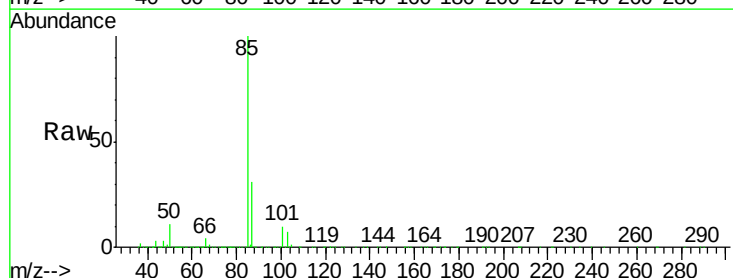
Acq: 04 Aug 2020 16:11

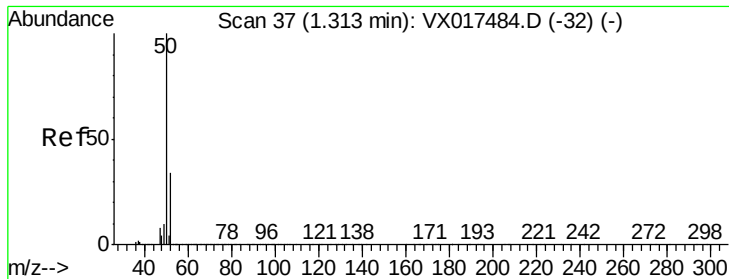
Tgt Ion: 85 Resp: 216761

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.3





#3

Chloromethane

Concen: 44.859 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 268808

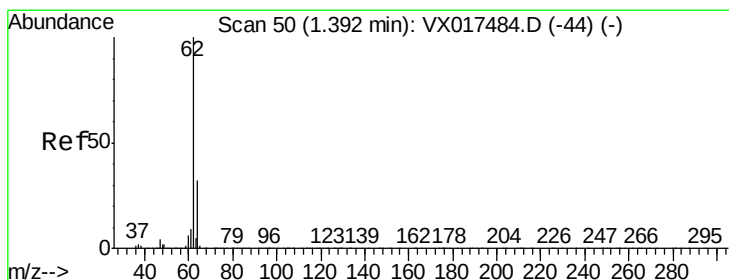
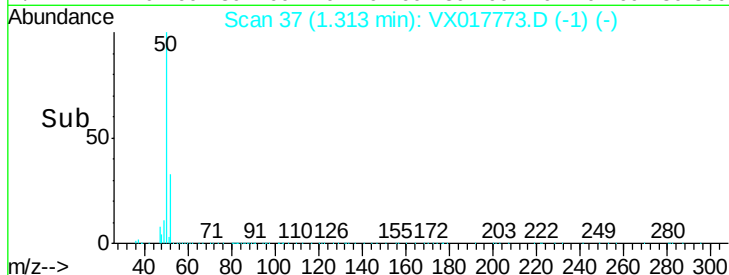
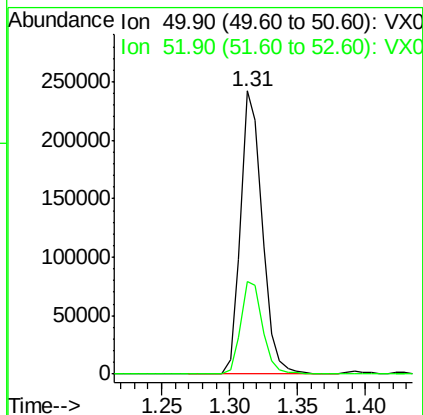
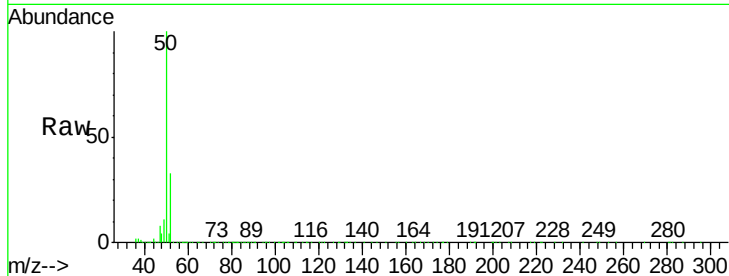
Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9

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#4

Vinyl Chloride

Concen: 44.187 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017773.D

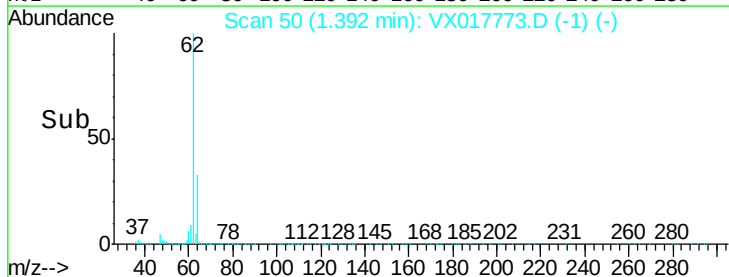
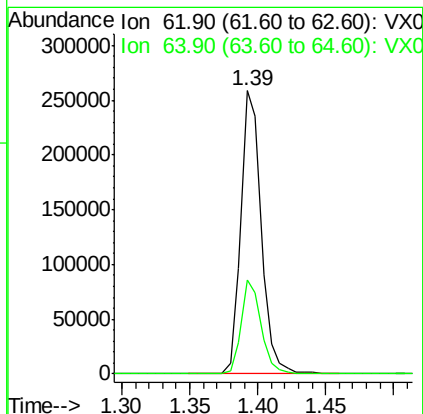
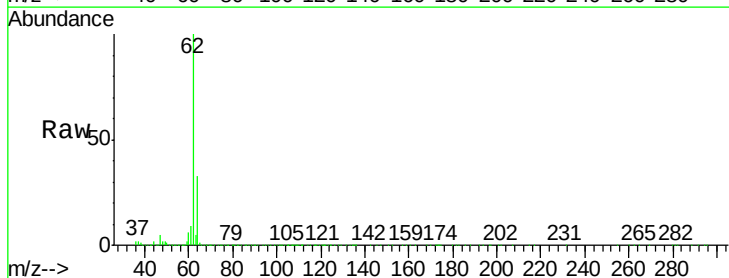
Acq: 04 Aug 2020 16:11

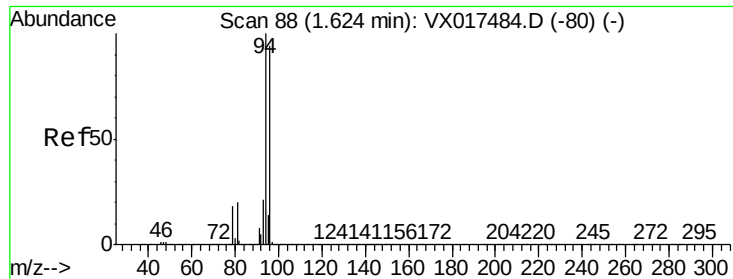
Tgt Ion: 62 Resp: 269786

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 49.307 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 161947

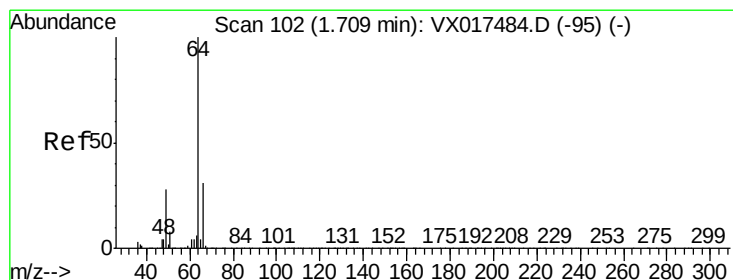
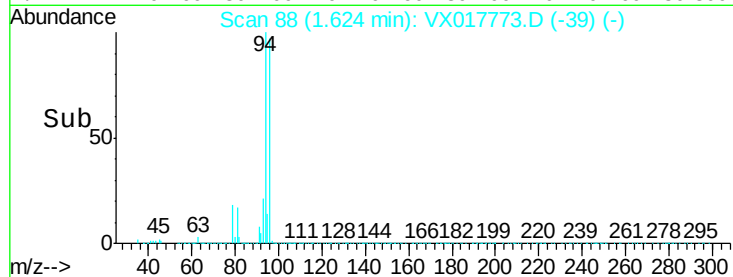
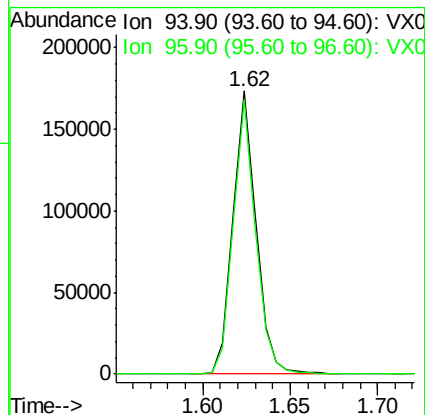
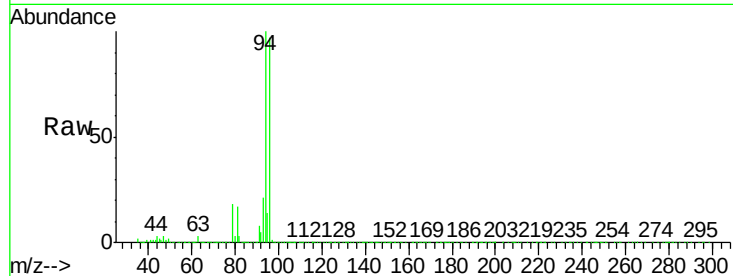
Ion Ratio Lower Upper

94 100

96 96.9 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 50.718 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017773.D

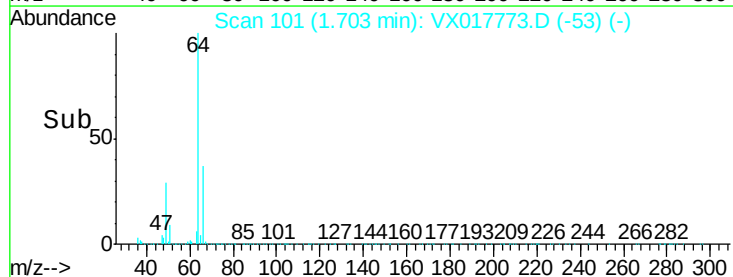
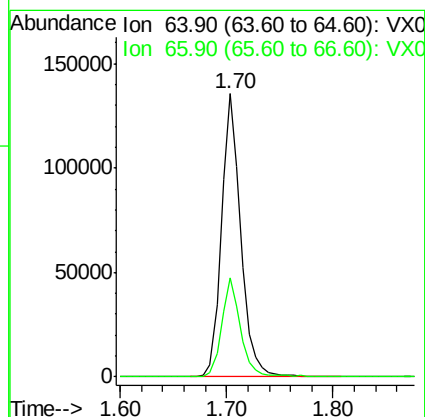
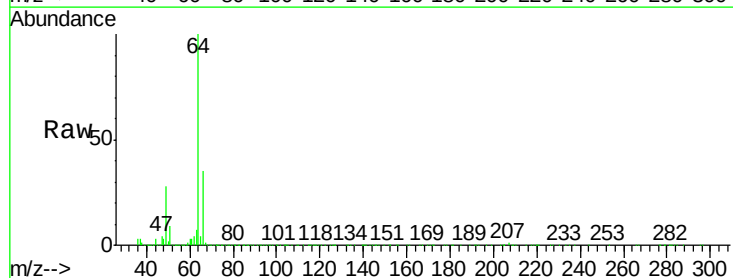
Acq: 04 Aug 2020 16:11

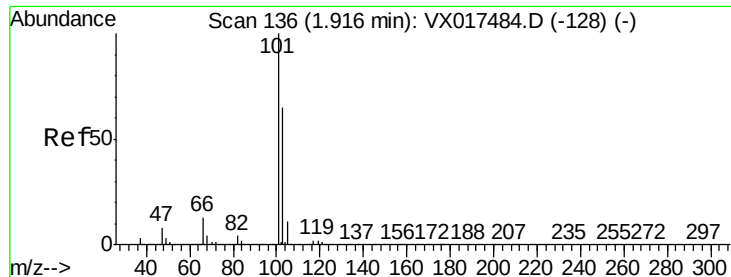
Tgt Ion: 64 Resp: 170718

Ion Ratio Lower Upper

64 100

66 34.9 24.9 37.3





#7

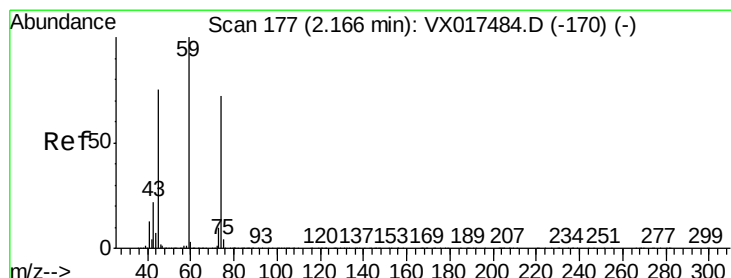
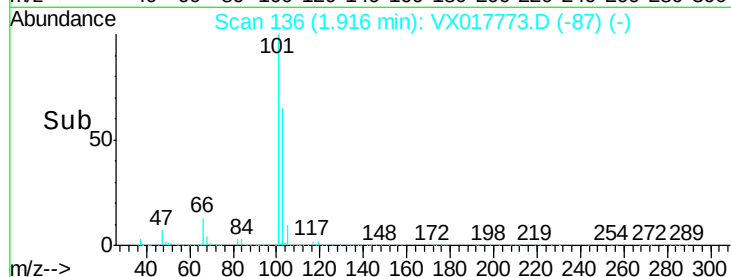
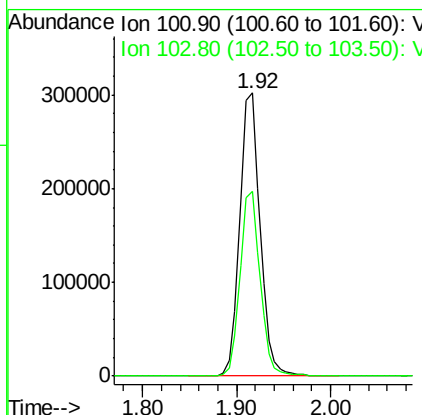
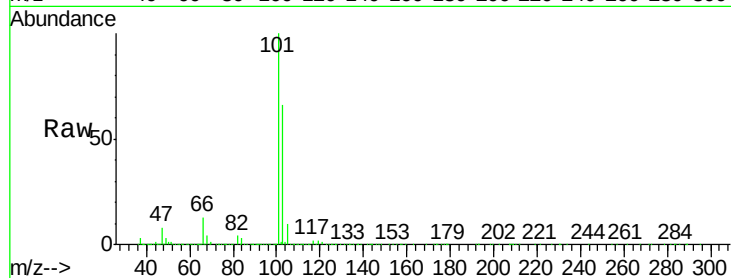
Trichlorofluoromethane
Concen: 47.459 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

Manual Integrations
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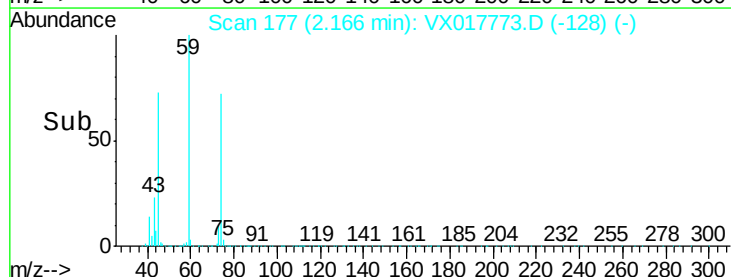
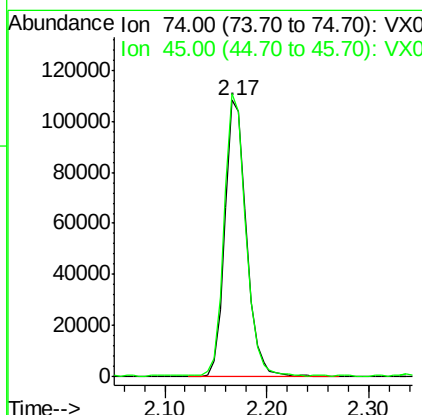
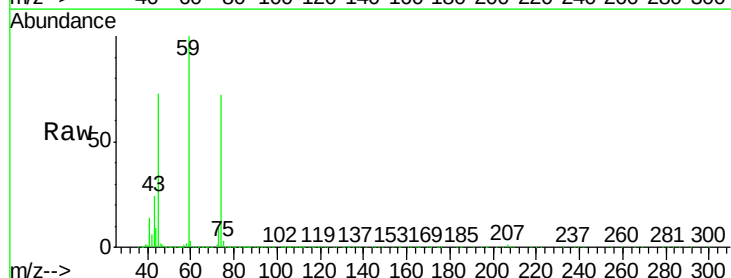
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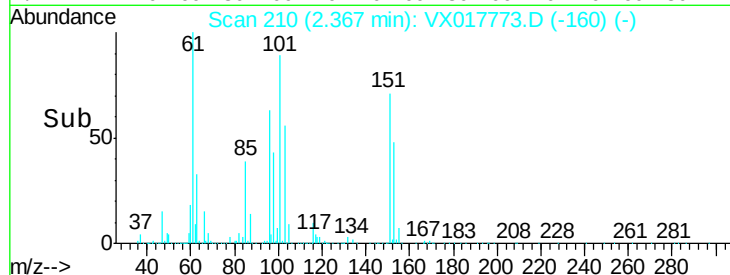
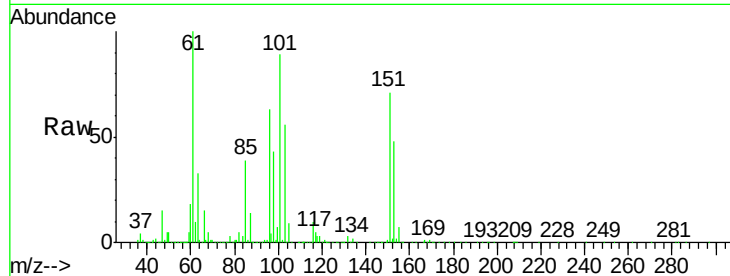
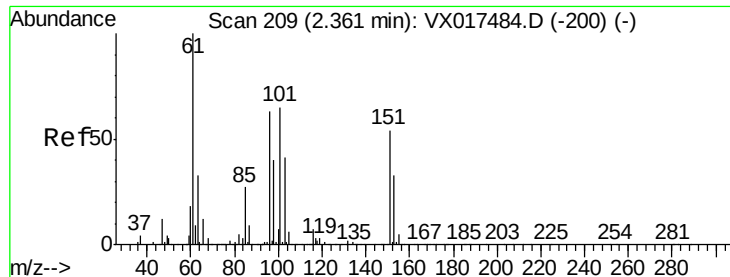


#8

Diethyl Ether
Concen: 50.637 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	50.8	152.5





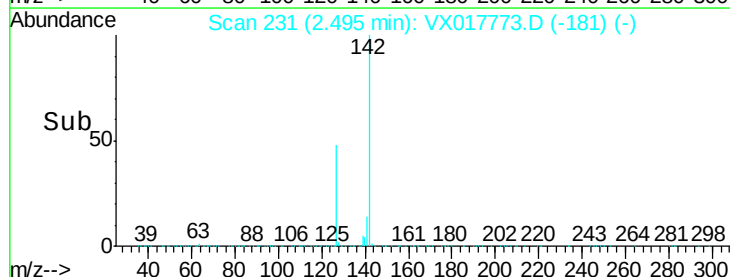
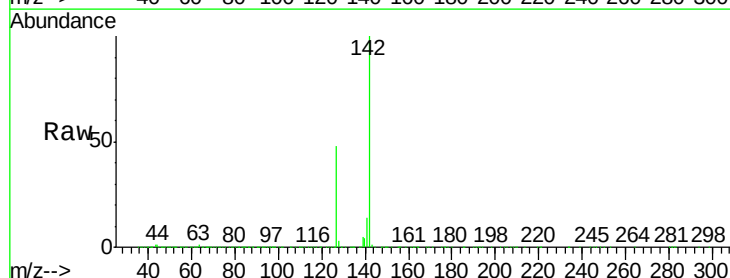
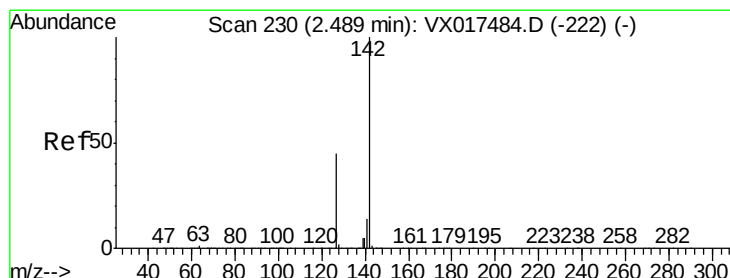
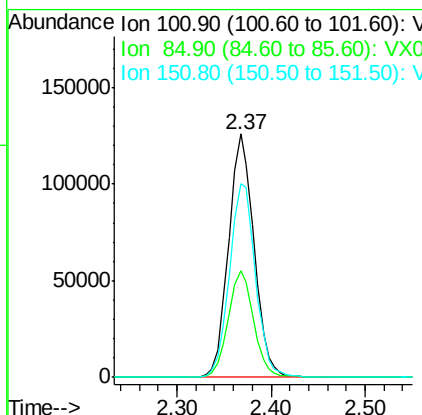
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.975 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	237015		
85	44.1	34.8	52.2	
151	81.4	68.0	102.0	

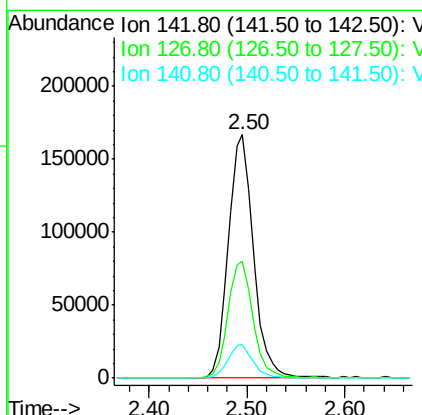
Manual Integrations
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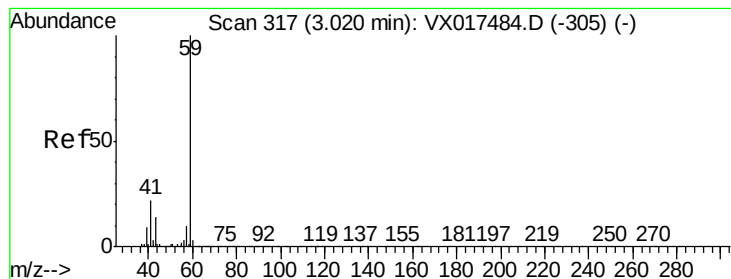
MMDadoda
8/5/2020 2:51:26 PM



#10
Methyl Iodide
Concen: 44.115 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	297429		
127	48.0	35.9	53.9	
141	13.9	11.4	17.0	





#11

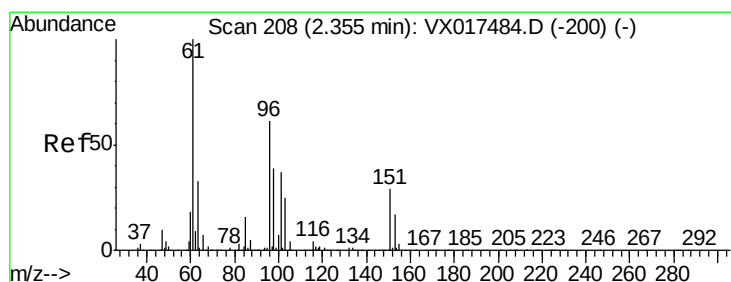
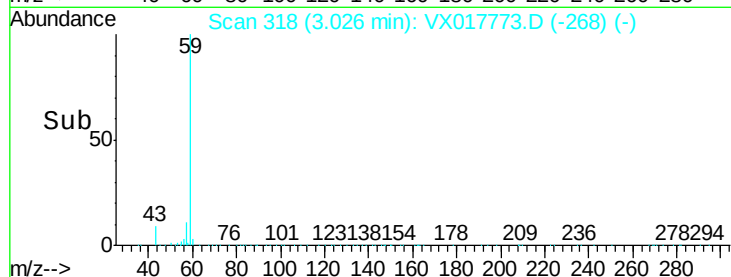
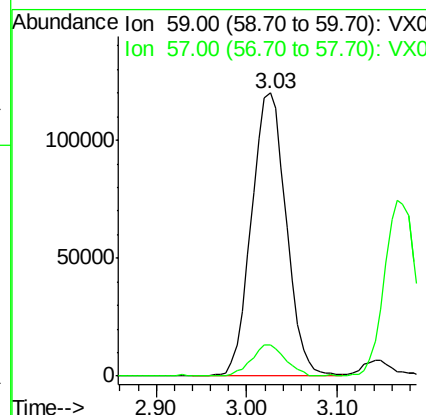
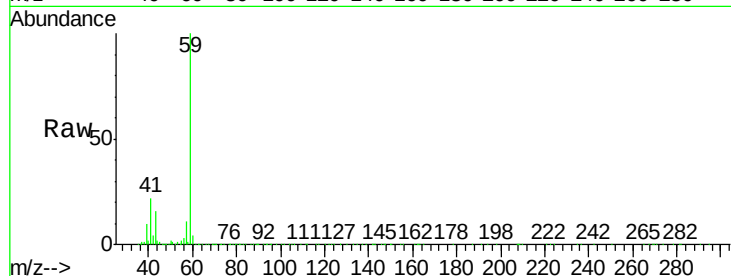
Tert butyl alcohol
Concen: 241.647 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	12.8

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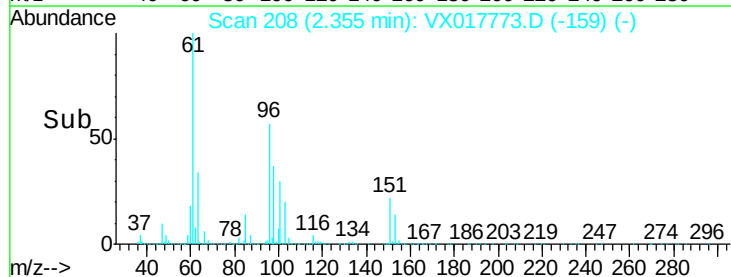
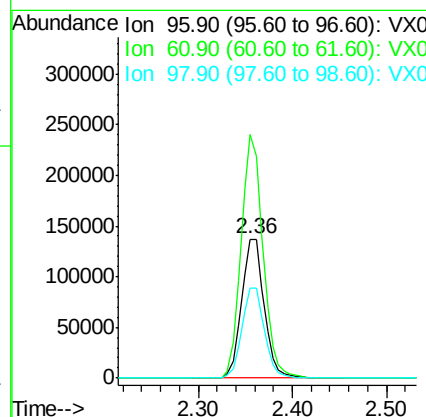
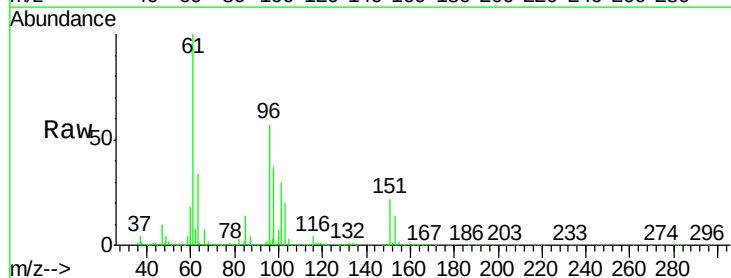
MMDadoda
8/5/2020 2:51:26 PM

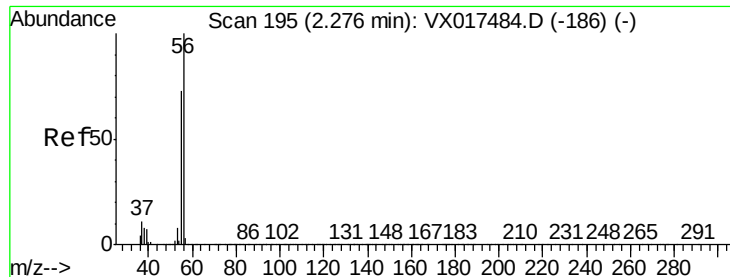


#12

1,1-Dichloroethene
Concen: 45.755 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.9	134.0	201.0
98	64.8	51.0	76.4





#13

Acrolein

Concen: 242.316 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 242883

Ion Ratio Lower Upper

56 100

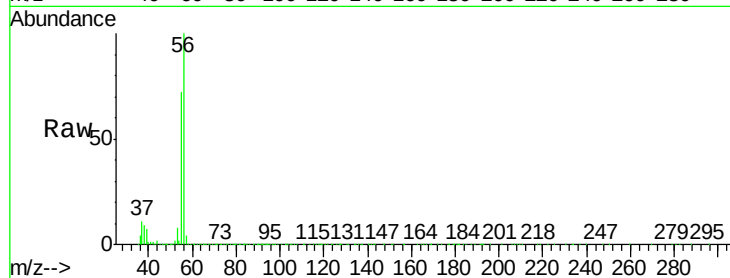
55 73.3 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

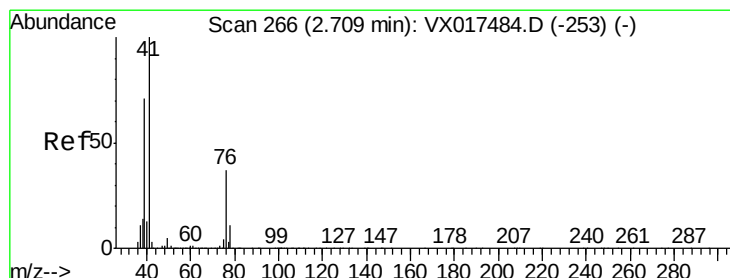
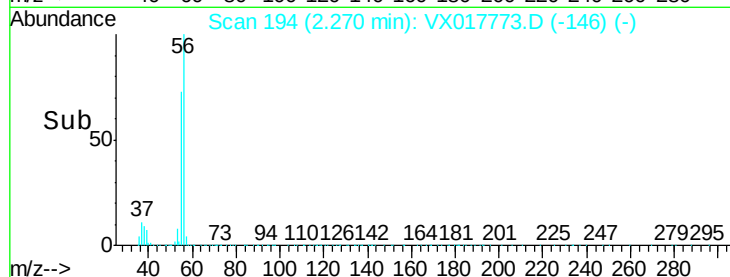
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 50.342 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

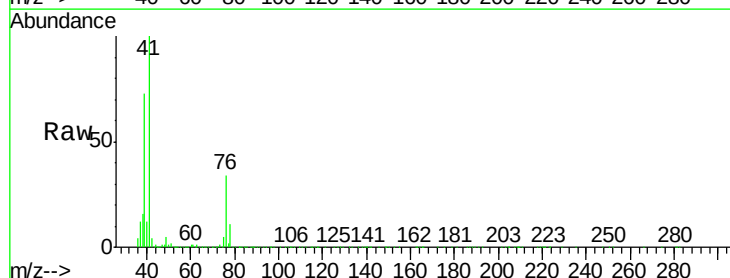
Tgt Ion: 41 Resp: 460669

Ion Ratio Lower Upper

41 100

39 67.0 51.9 77.9

76 31.0 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

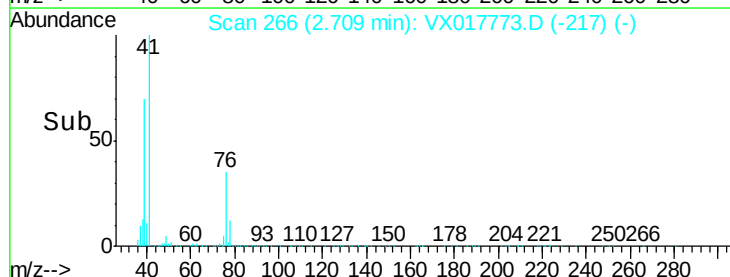
300000

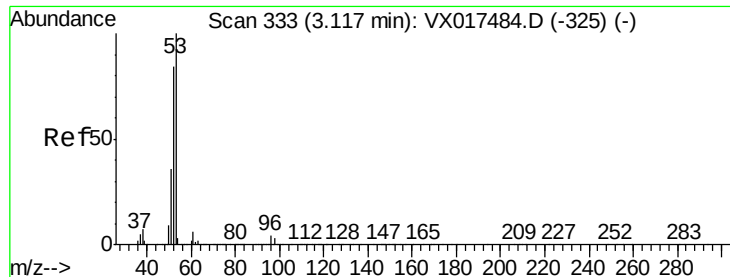
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 257.573 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

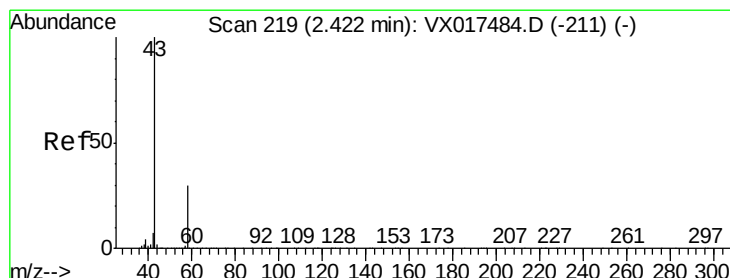
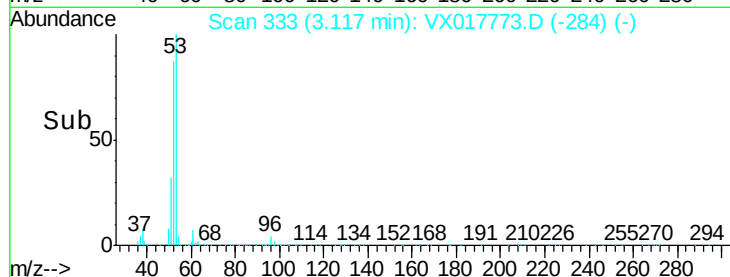
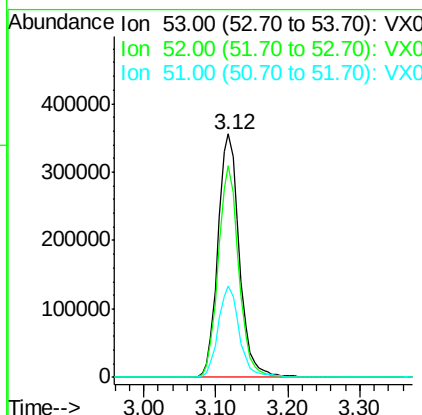
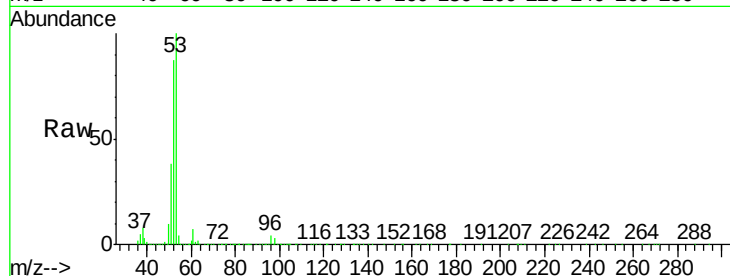
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	730760
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.6	99.8
51	37.5	29.4	44.2

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#16

Acetone

Concen: 259.674 ug/l

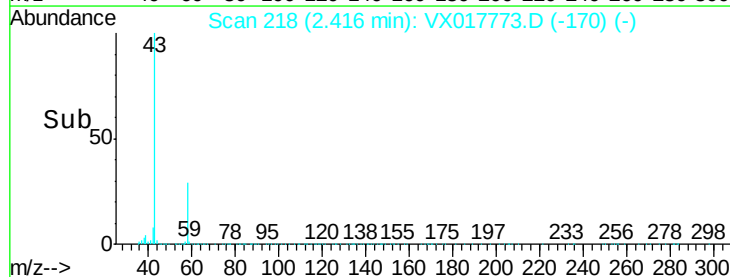
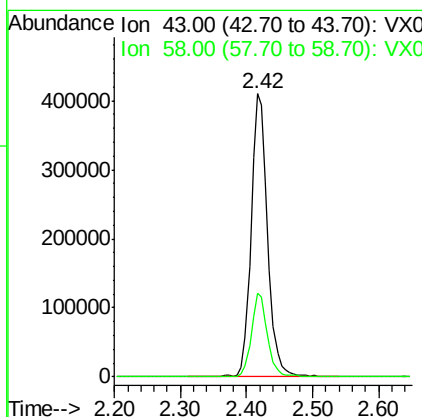
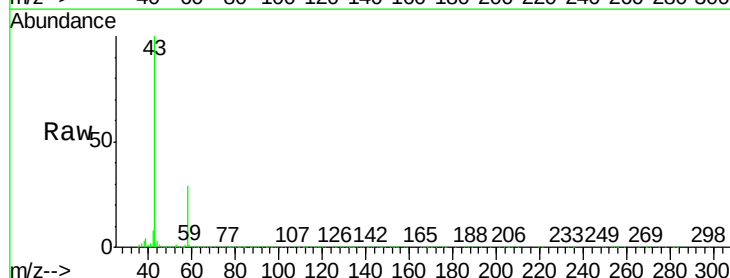
RT: 2.42 min Scan# 218

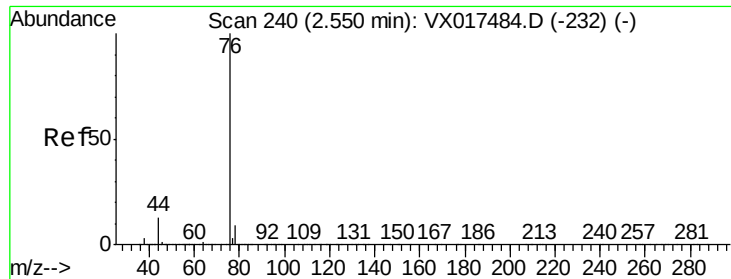
Delta R.T. -0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion:	43	Resp:	712320
Ion Ratio	Lower	Upper	
43	100		
58	29.4	24.2	36.4





#17

Carbon Disulfide

Concen: 40.700 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 619966

Ion Ratio Lower Upper

76 100

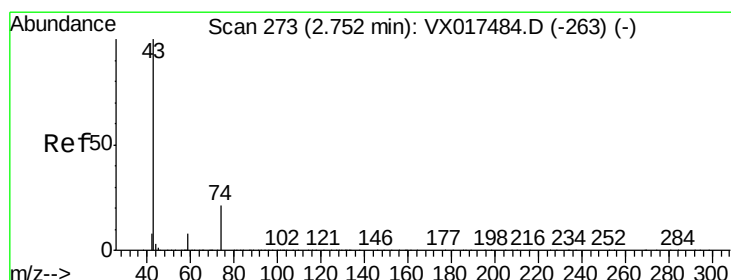
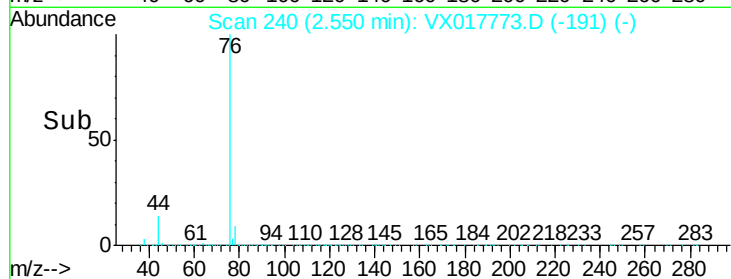
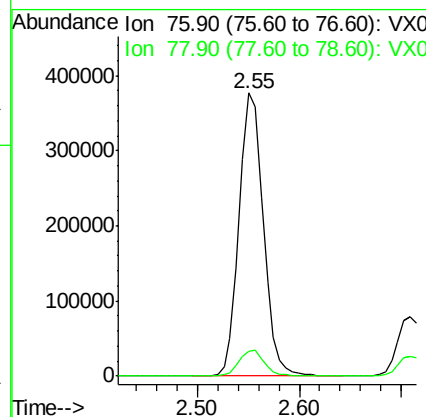
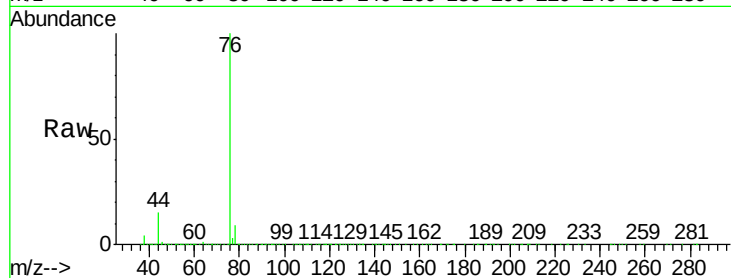
78 8.8 7.5 11.3

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#18

Methyl Acetate

Concen: 58.190 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017773.D

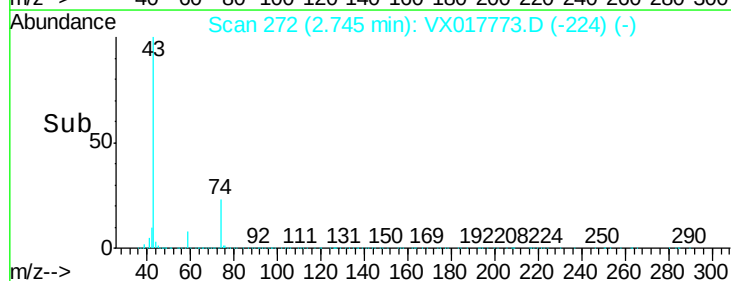
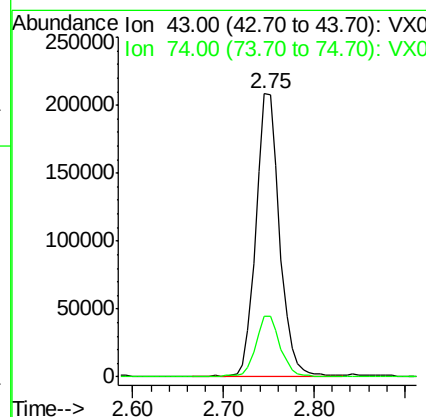
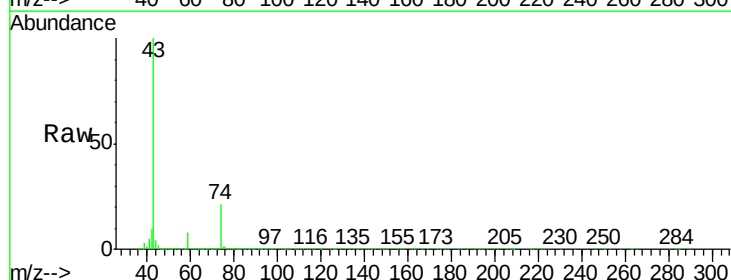
Acq: 04 Aug 2020 16:11

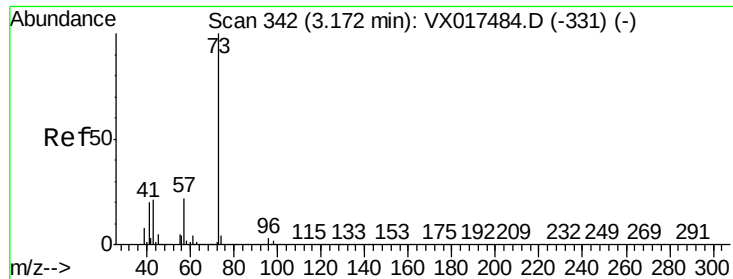
Tgt Ion: 43 Resp: 375933

Ion Ratio Lower Upper

43 100

74 22.1 17.5 26.3





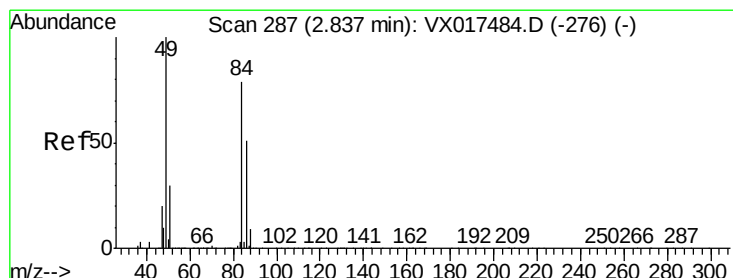
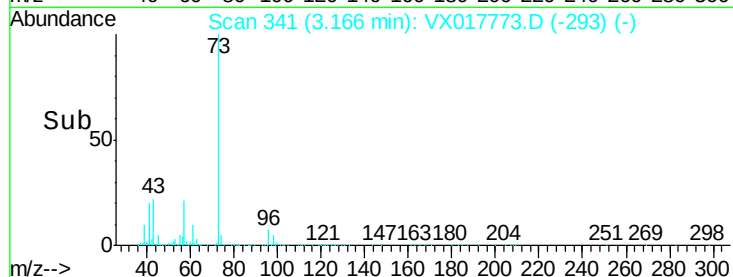
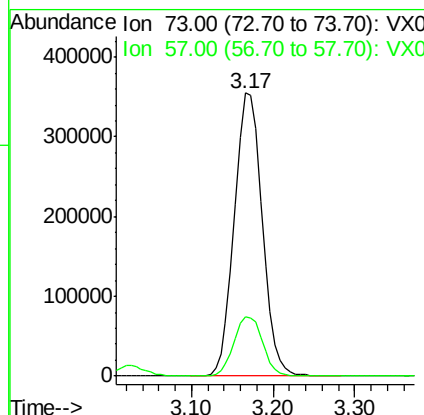
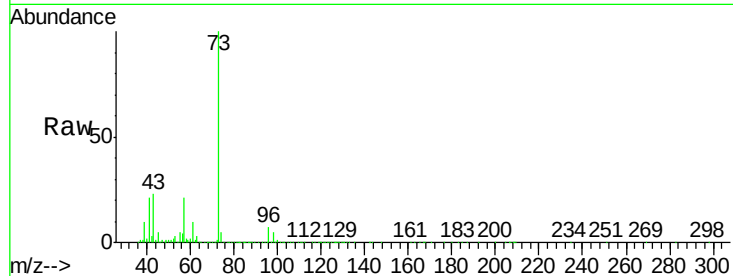
#19
Methyl tert-butyl Ether
Concen: 48.241 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.4

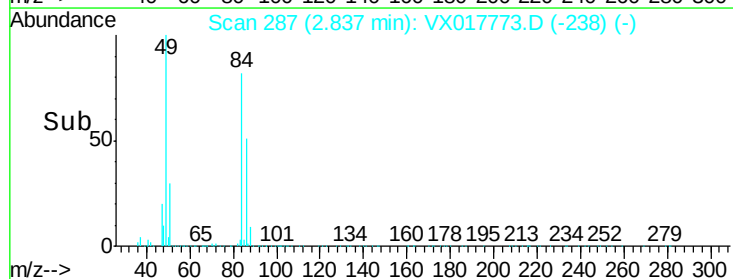
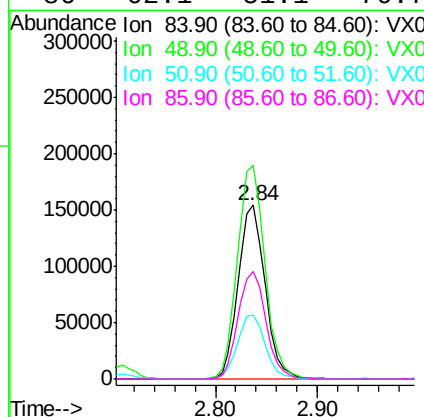
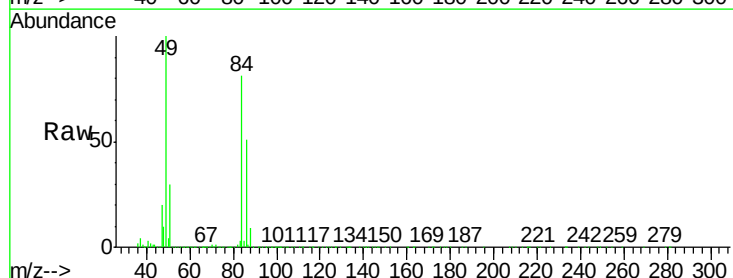
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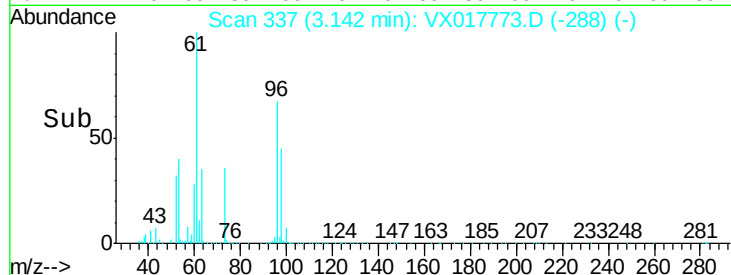
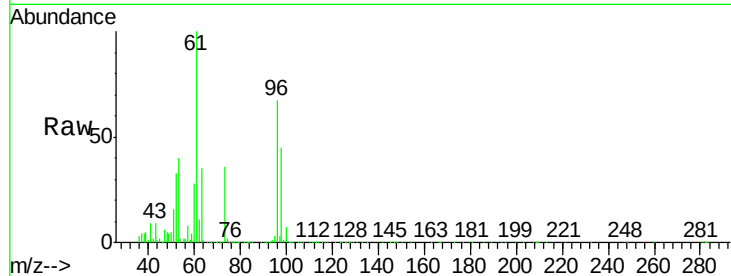
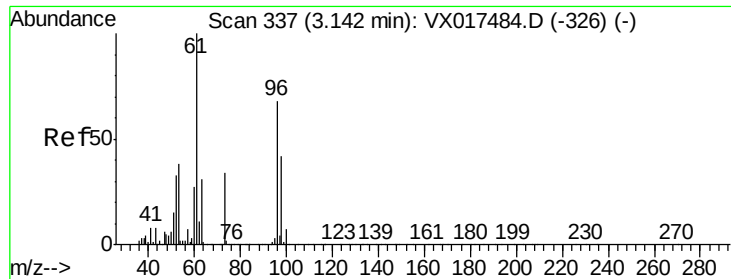
MMDadoda
8/5/2020 2:51:26 PM



#20
Methylene Chloride
Concen: 54.601 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	100.3	150.5
51	37.0	30.5	45.7
86	62.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 45.628 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	113.0	169.4
98	67.1	51.8	77.8

Instrument :

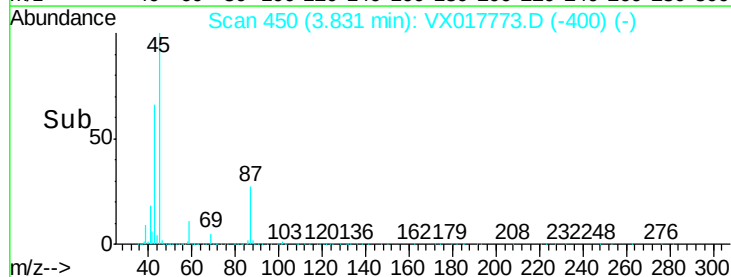
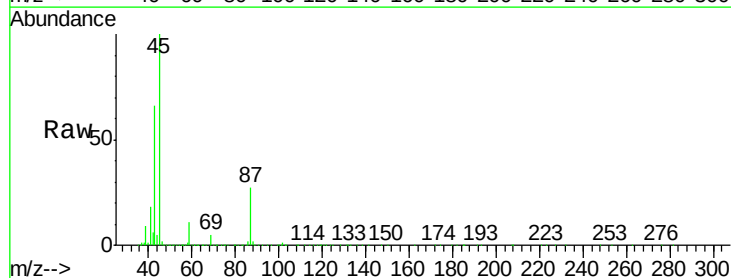
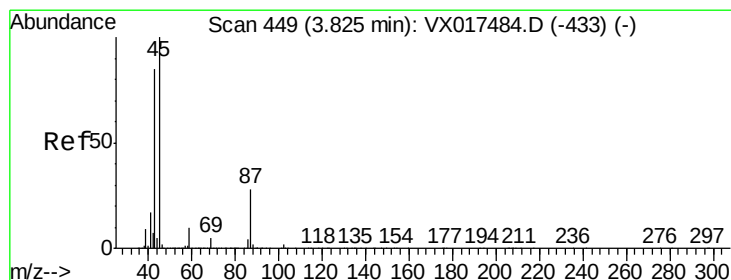
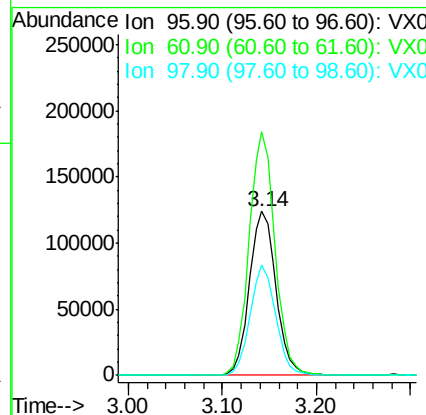
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 51.402 ug/l

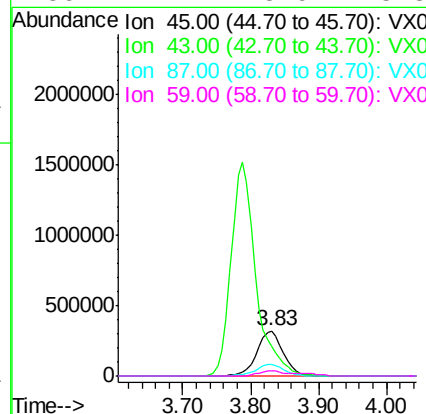
RT: 3.83 min Scan# 450

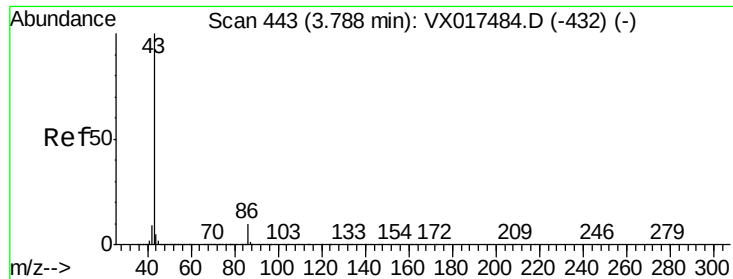
Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.9	52.0	78.0
87	27.1	22.2	33.4
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 257.466 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3841043

Ion Ratio Lower Upper

43 100

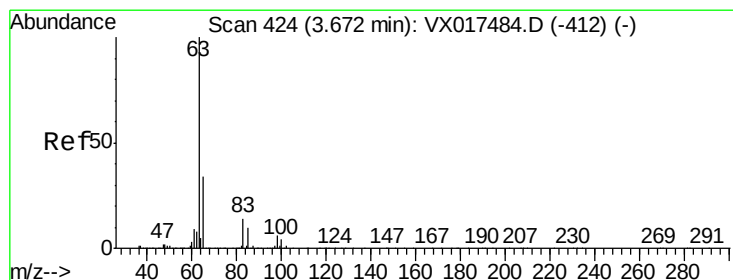
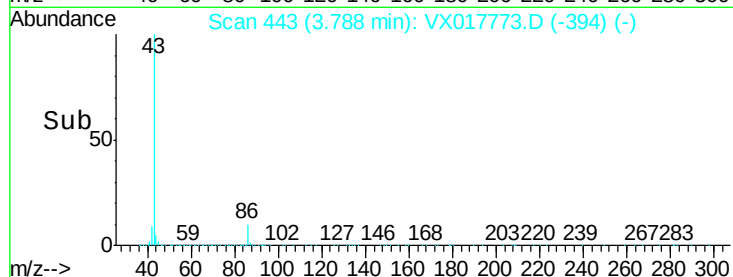
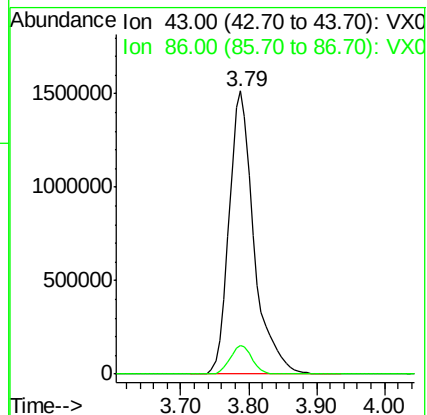
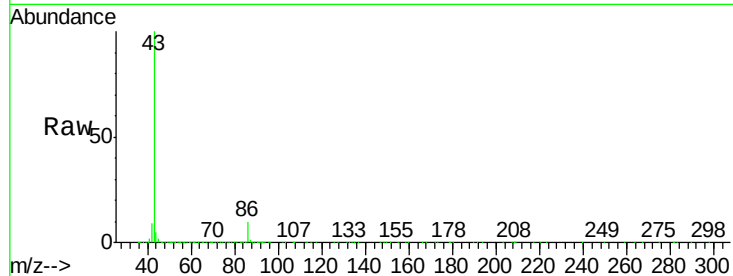
86 10.0 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 49.523 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

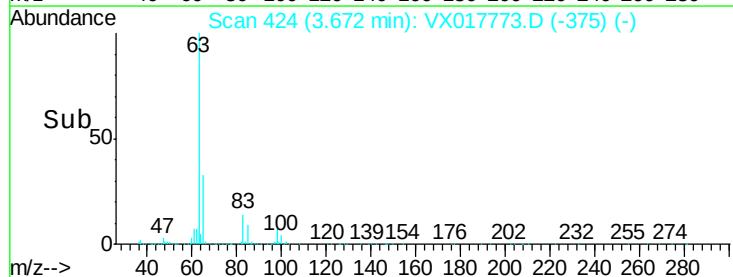
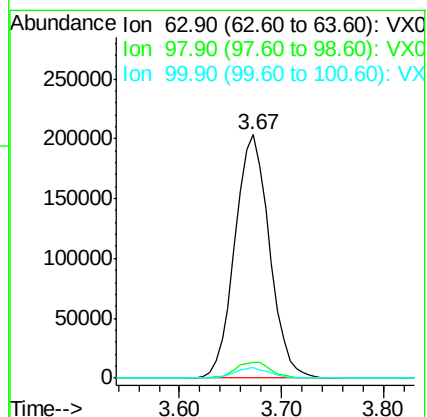
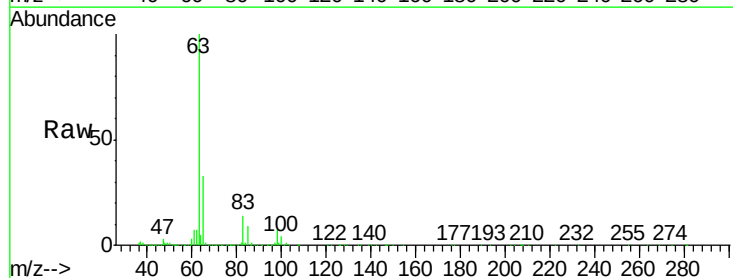
Tgt Ion: 63 Resp: 477332

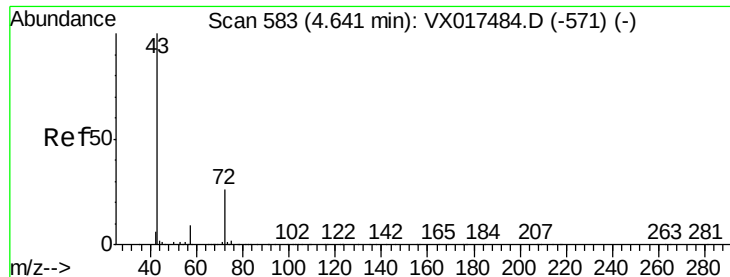
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 269.507 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1050243

Ion Ratio Lower Upper

43 100

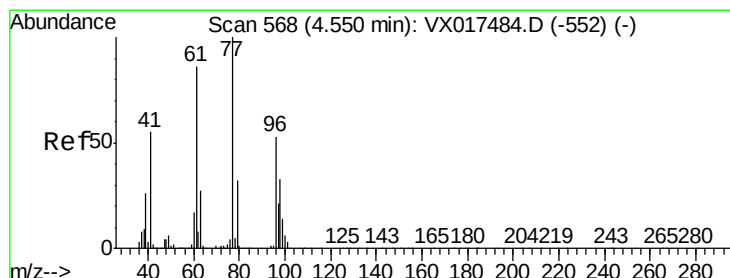
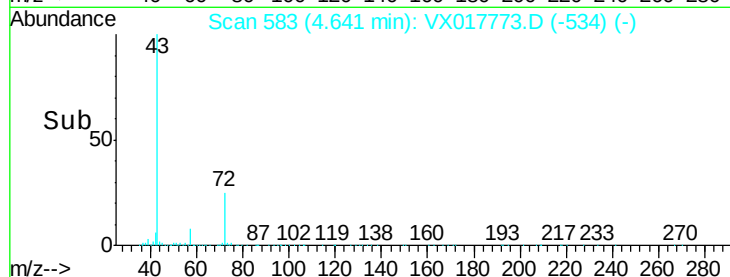
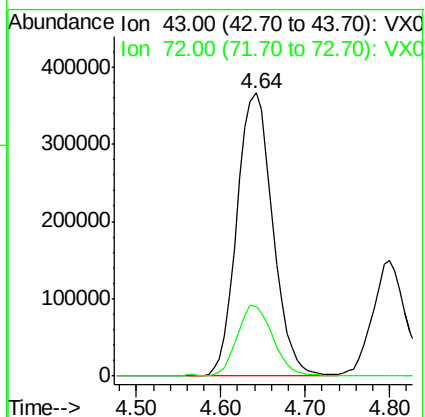
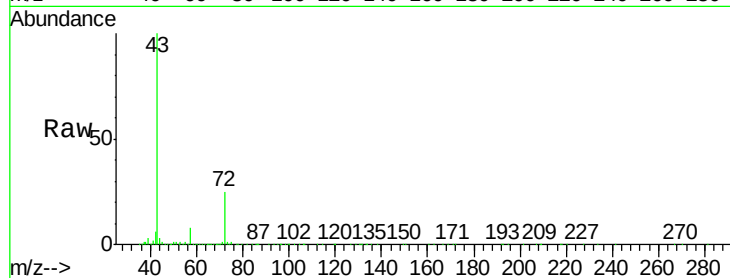
72 24.6 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 46.300 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017773.D

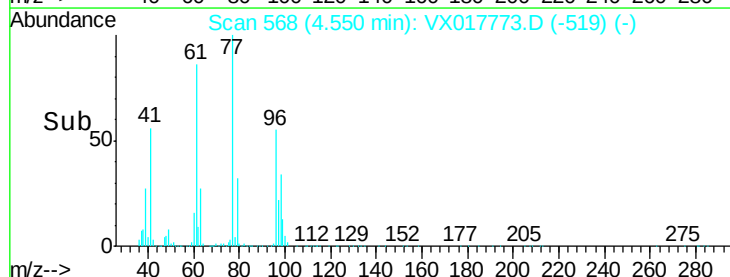
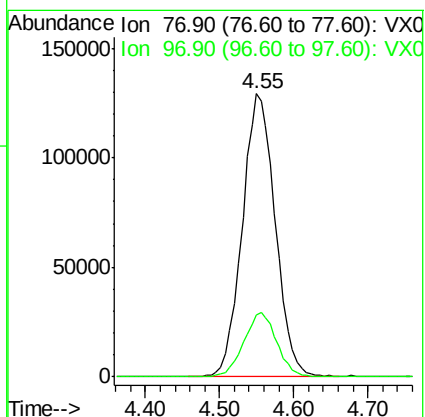
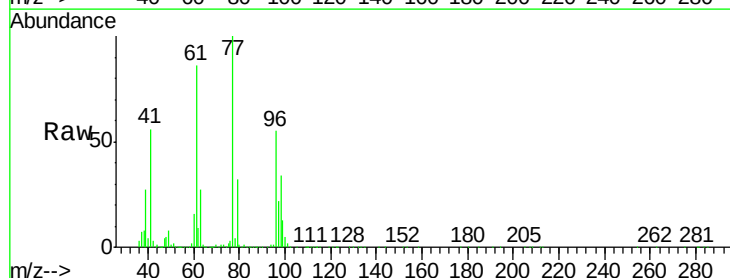
Acq: 04 Aug 2020 16:11

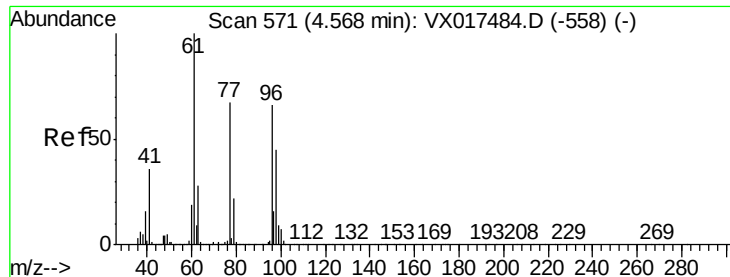
Tgt Ion: 77 Resp: 399466

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

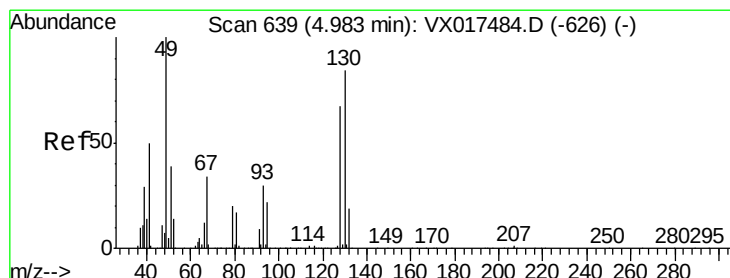
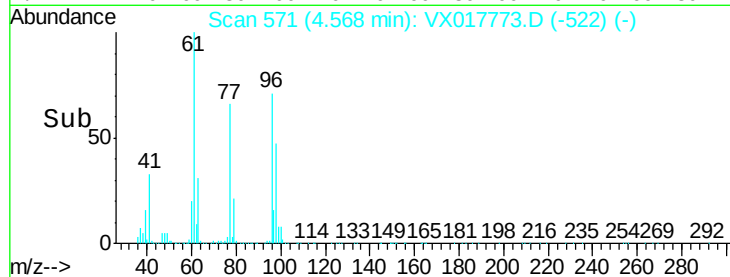
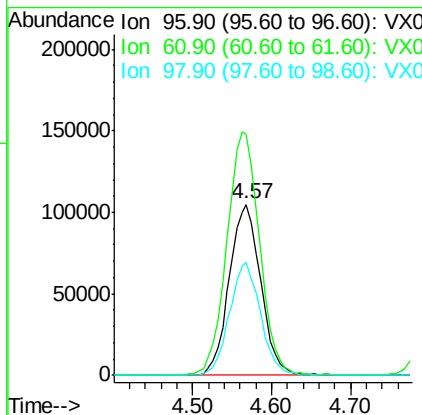
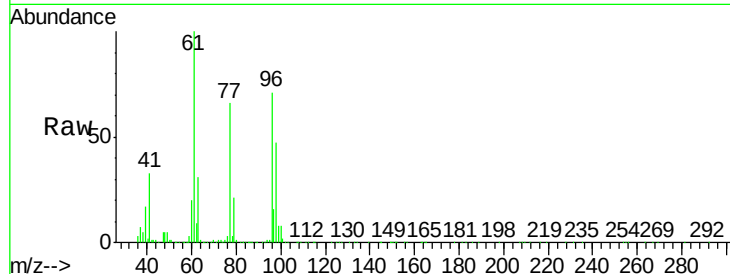
cis-1,2-Dichloroethene
Concen: 49.831 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	290576		
61	147.8	0.0	301.2	
98	65.2	0.0	130.0	

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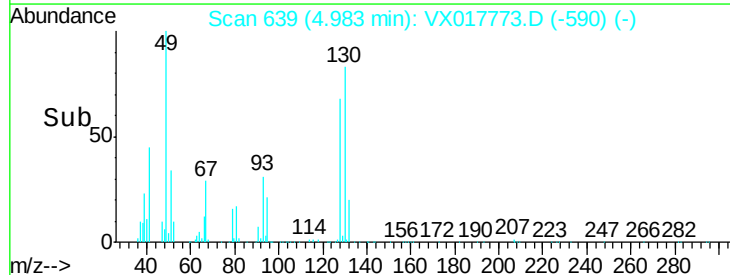
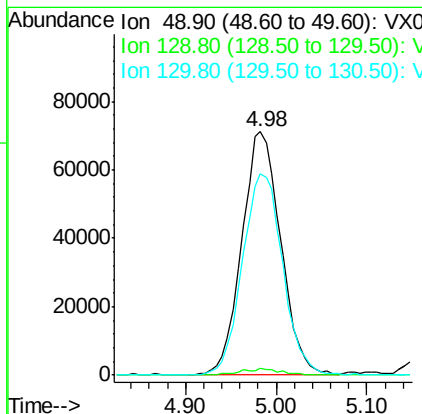
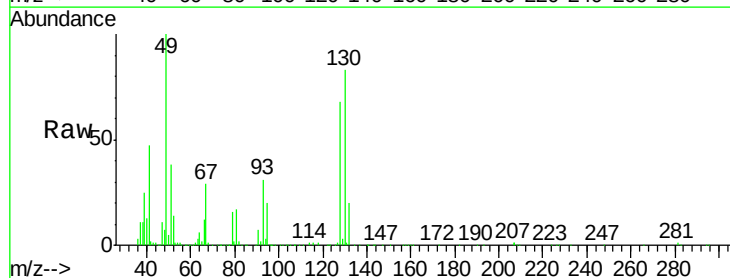
MMDadoda
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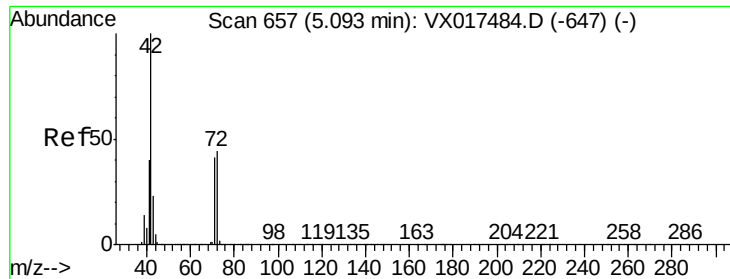


#28

Bromochloromethane
Concen: 48.337 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	211125		
129	2.7	0.0	4.6	
130	85.8	66.7	100.1	





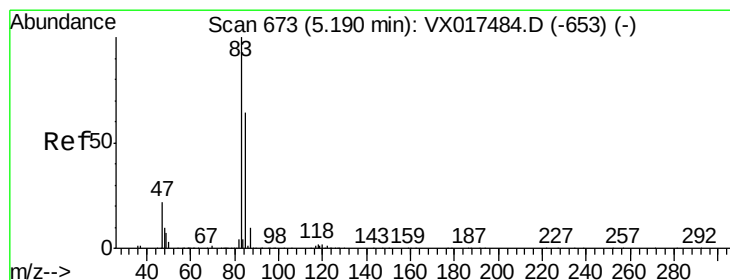
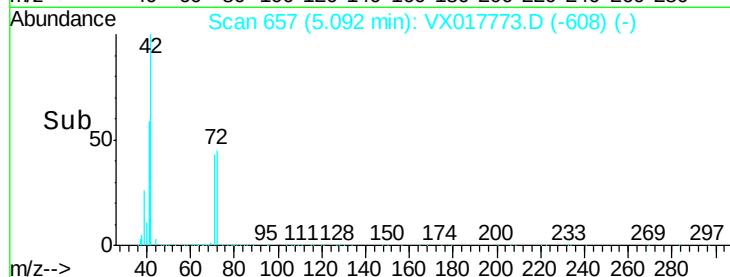
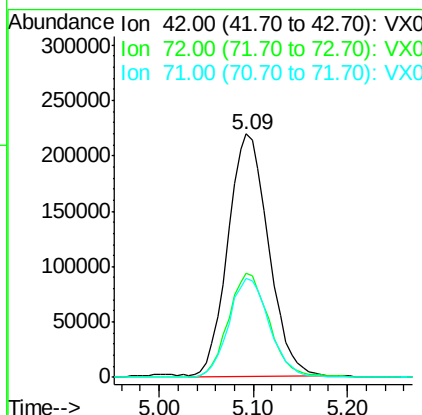
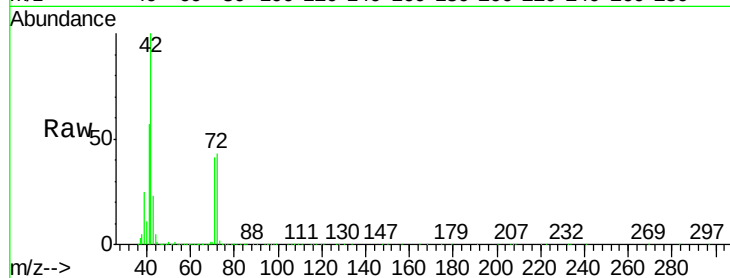
#29
Tetrahydrofuran
Concen: 272.279 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.5	53.3
71	41.1	33.0	49.4

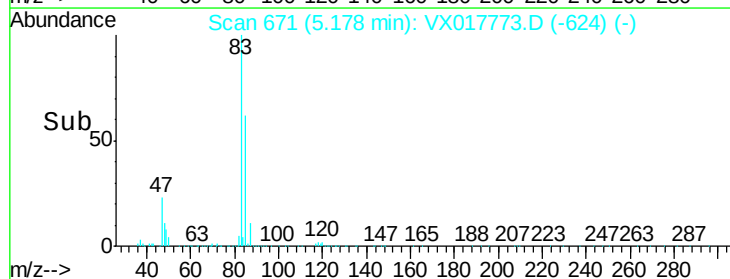
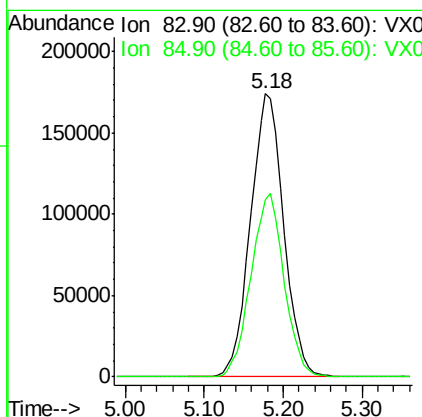
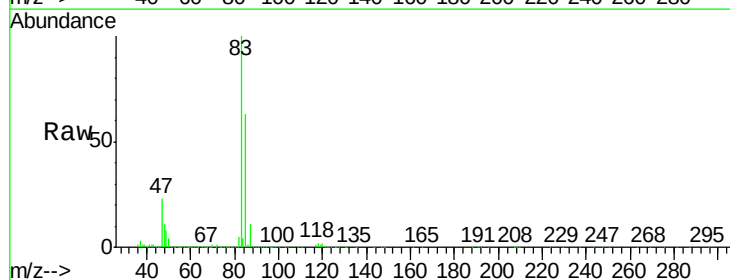
Manual Integrations
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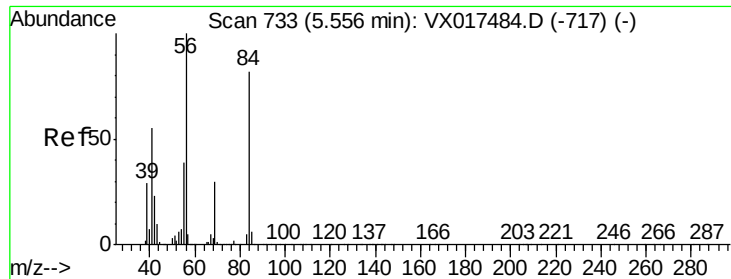
MMDadoda
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#30
Chloroform
Concen: 51.743 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2





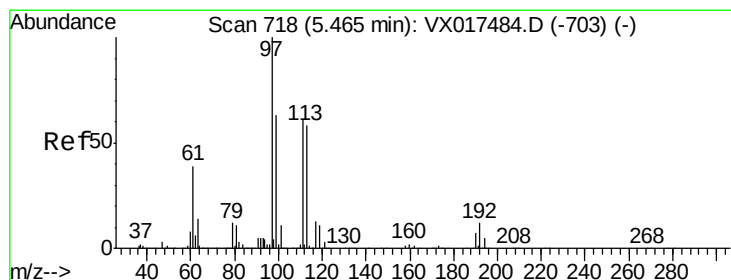
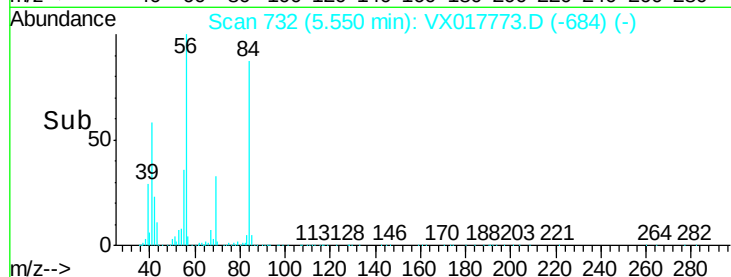
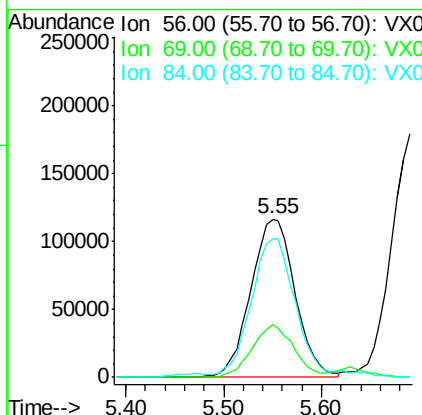
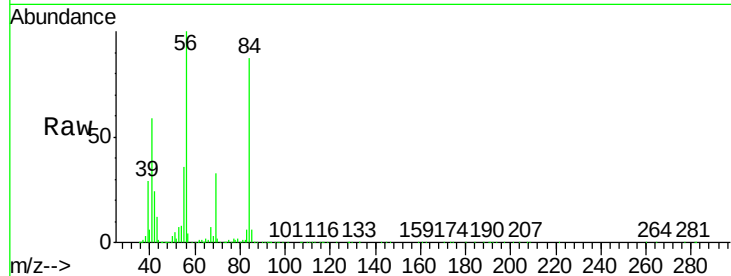
#31
Cyclohexane
Concen: 47.450 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.2	36.4
84	85.4	69.0	103.6

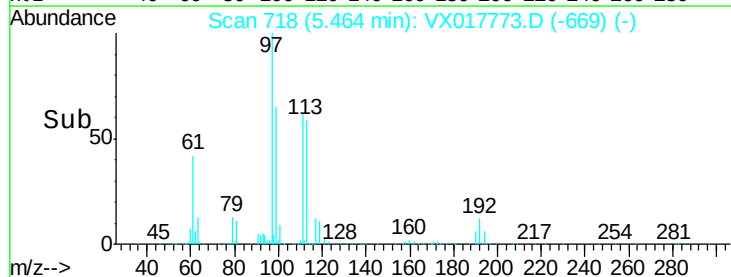
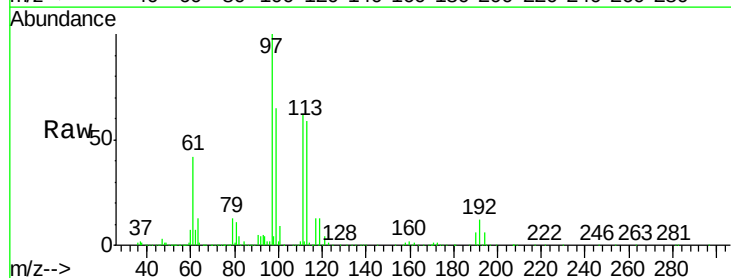
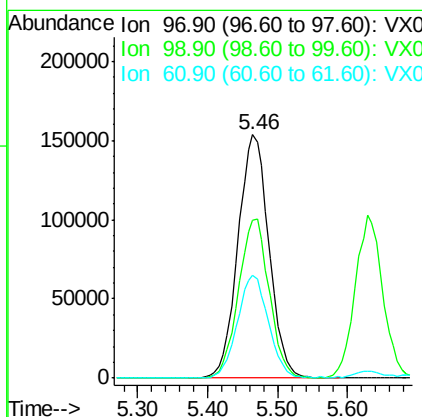
Manual Integrations
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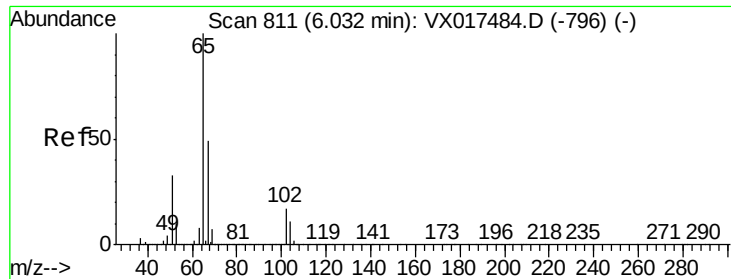
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.997 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	42.0	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 54.786 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 341450

Ion Ratio Lower Upper

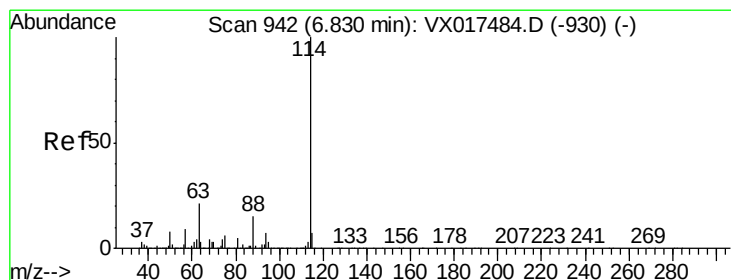
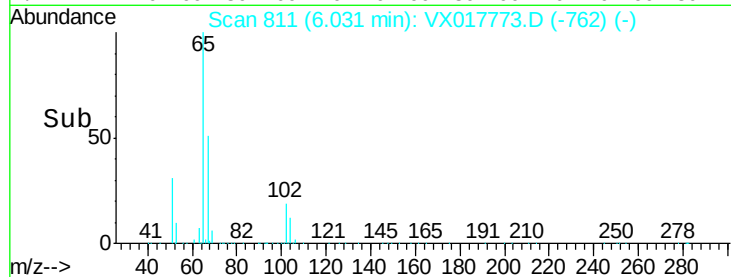
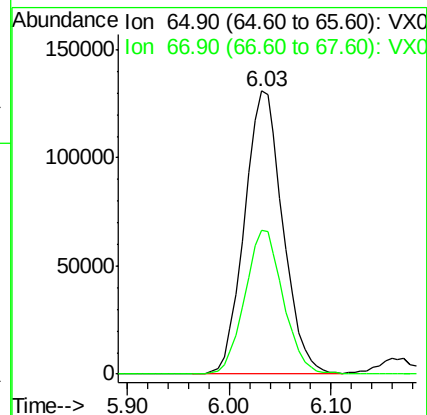
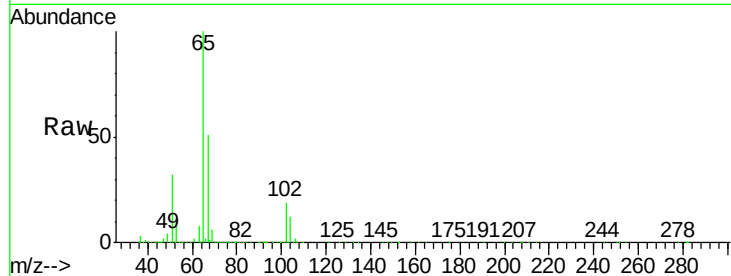
65 100

67 50.6 0.0 102.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

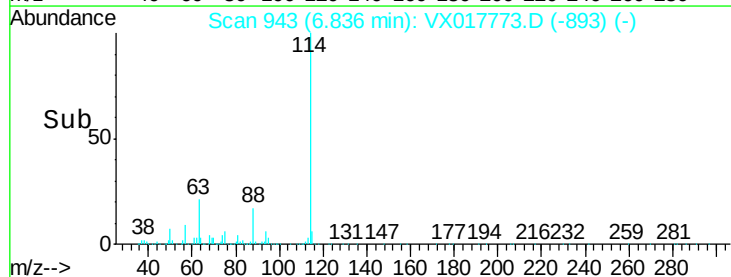
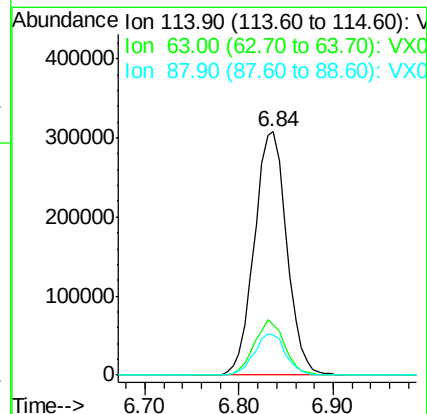
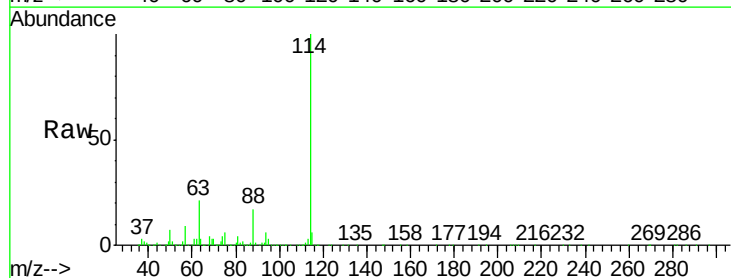
Tgt Ion: 114 Resp: 742437

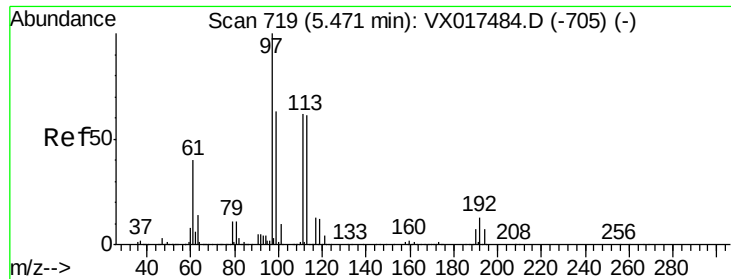
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 16.5 0.0 33.4





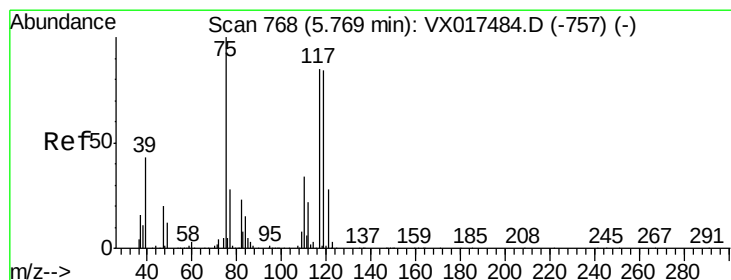
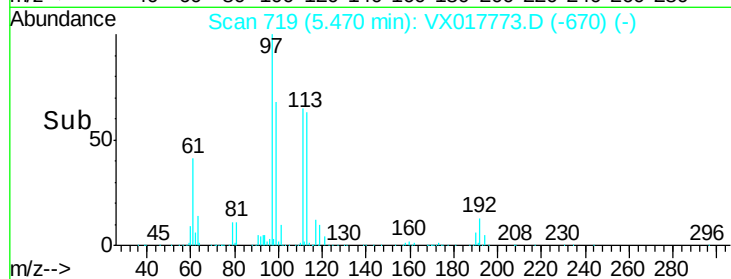
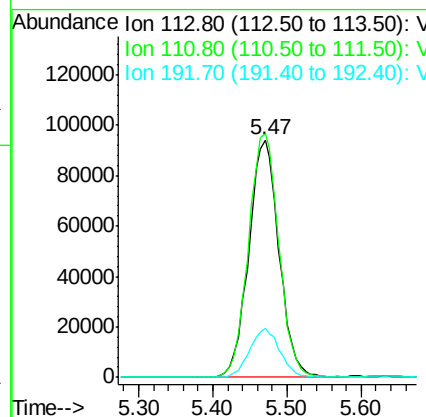
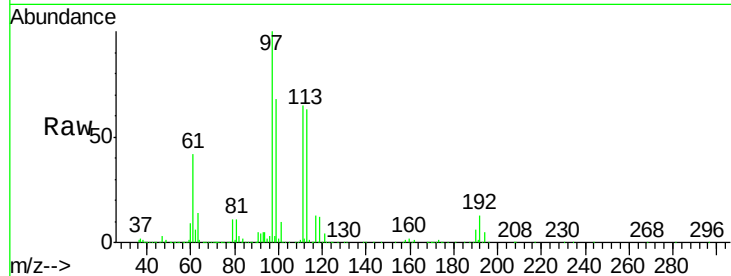
#35
 Dibromofluoromethane
 Concen: 53.846 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	20.5	16.9	25.3

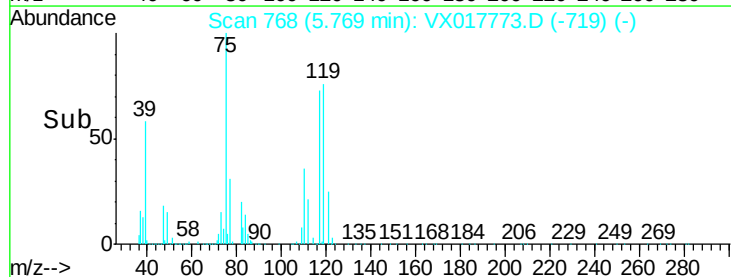
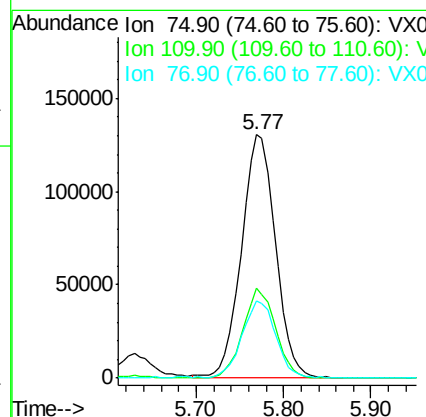
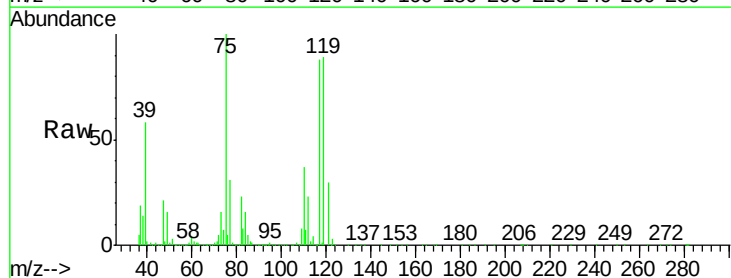
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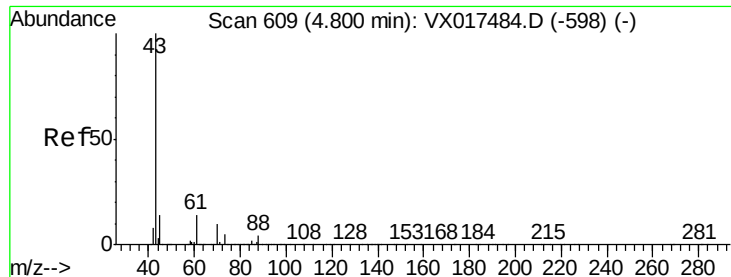
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#36
 1,1-Dichloropropene
 Concen: 49.294 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	31.5	24.6	37.0





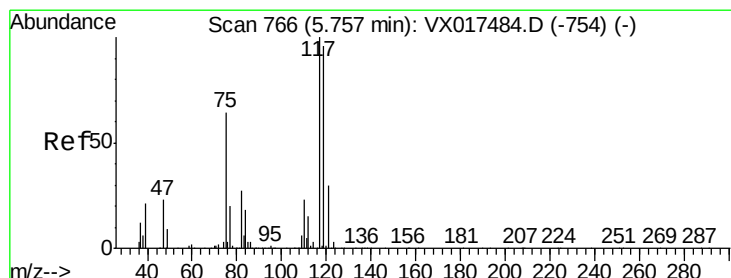
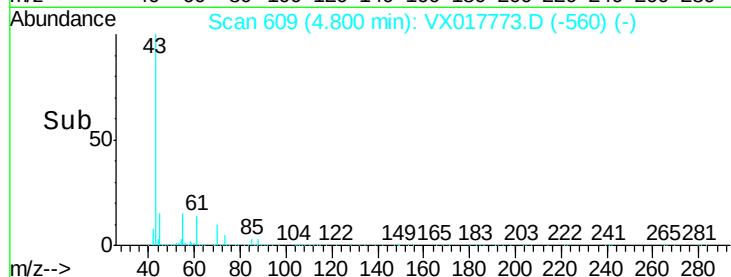
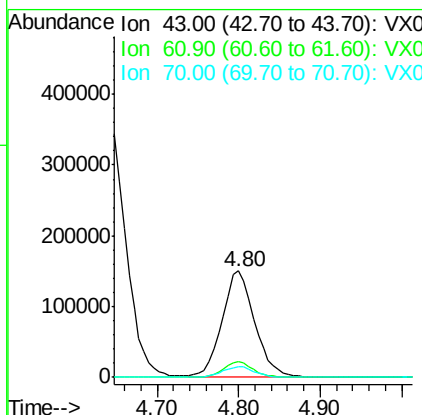
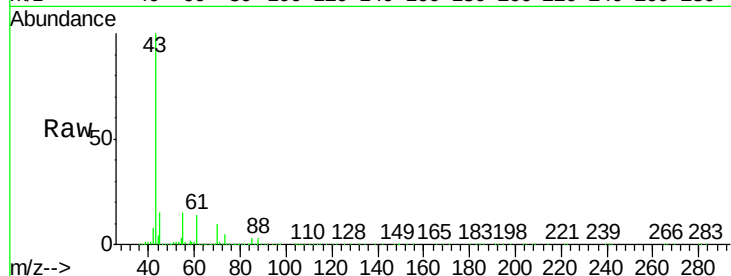
#37
Ethyl Acetate
Concen: 52.904 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.1	8.5	12.7

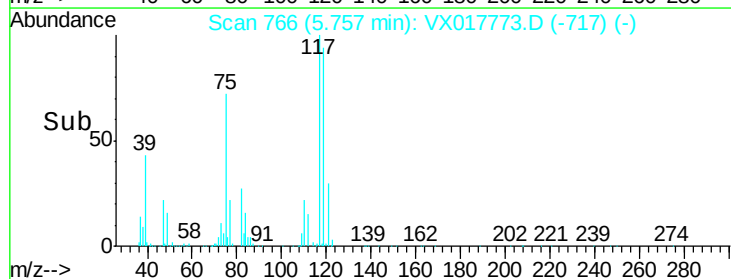
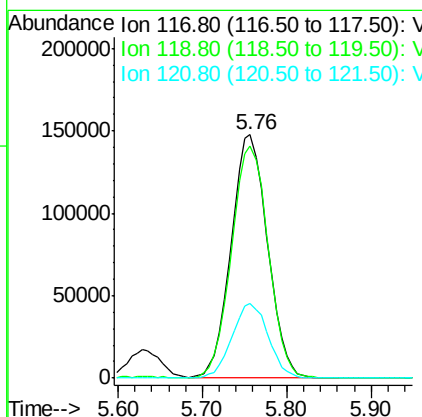
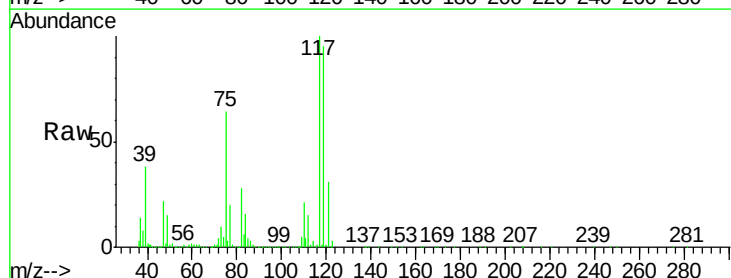
Manual Integrations
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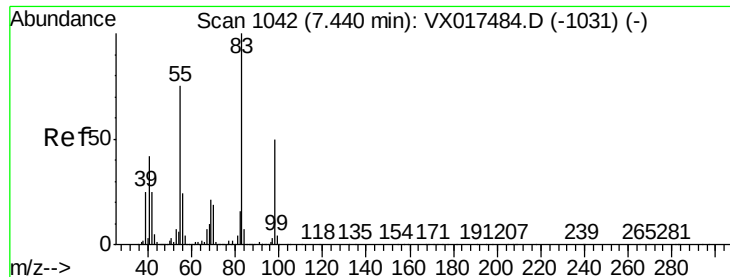
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#38
Carbon Tetrachloride
Concen: 49.964 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.0
121	30.7	24.3	36.5





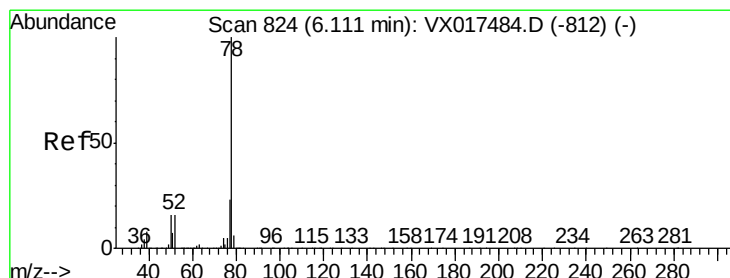
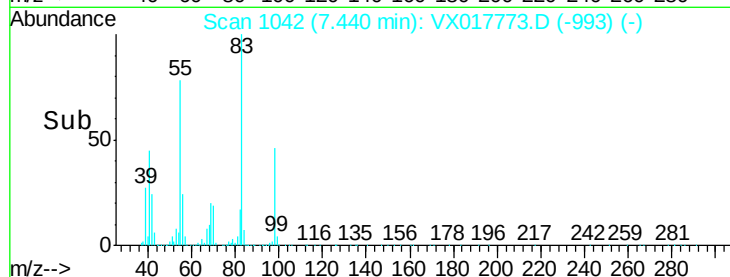
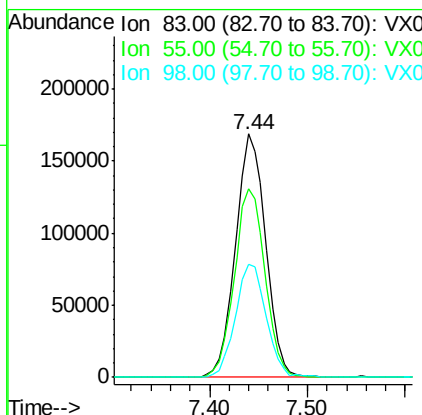
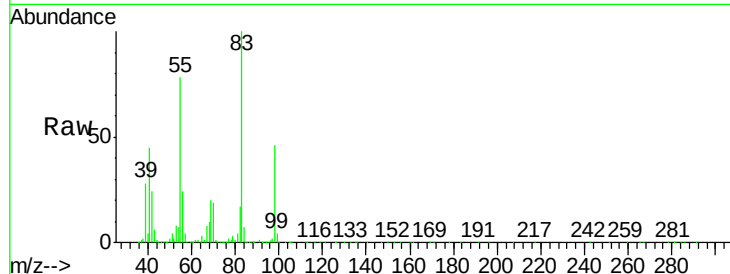
#39
Methylcyclohexane
Concen: 43.551 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.8	92.8
98	46.3	36.9	55.3

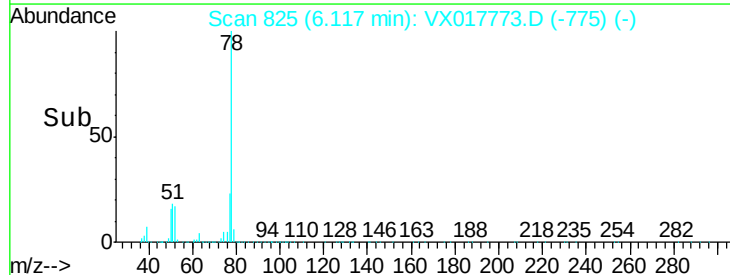
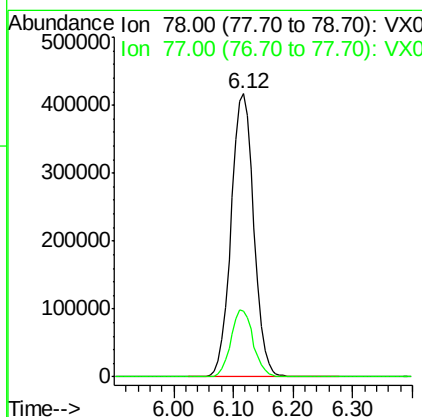
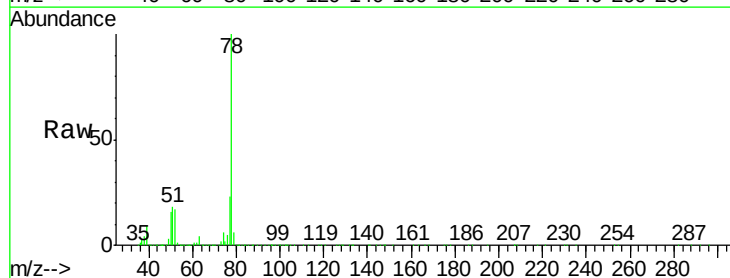
Manual Integrations
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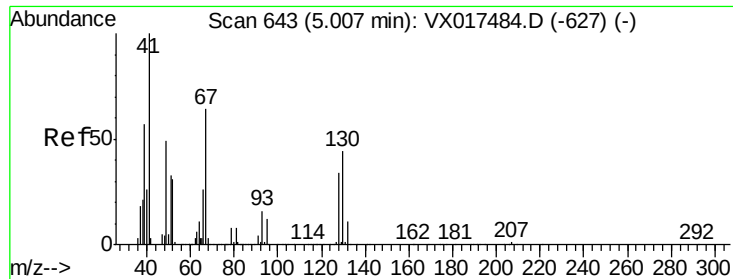
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#40
Benzene
Concen: 53.934 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





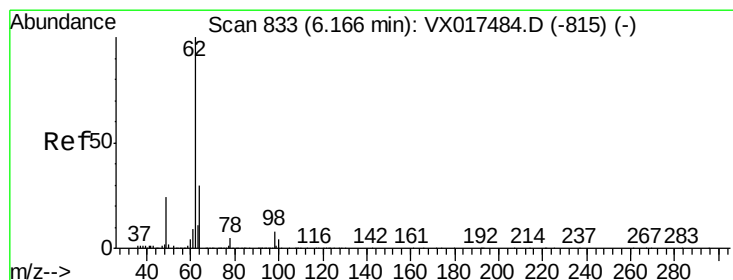
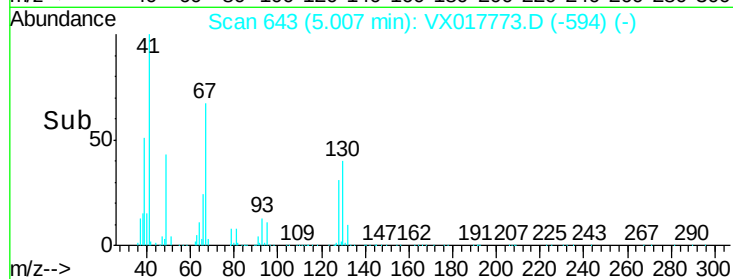
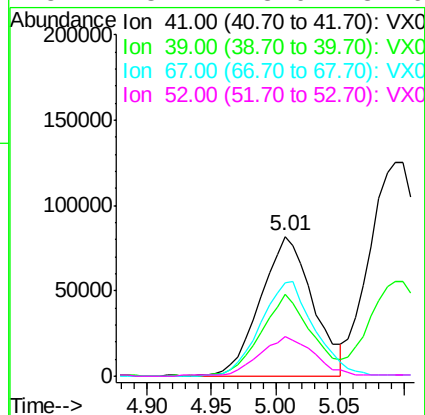
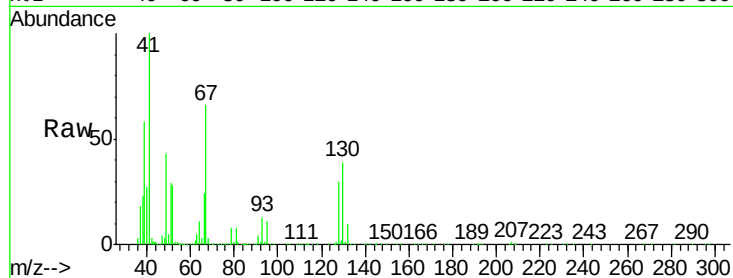
#41
Methacrylonitrile
Concen: 51.767 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.9	65.9
67	69.2	54.0	81.0
52	28.4	23.0	34.6

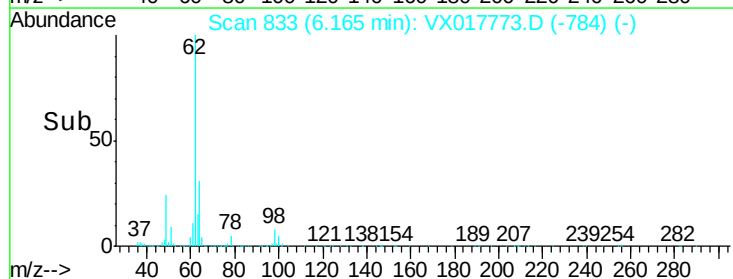
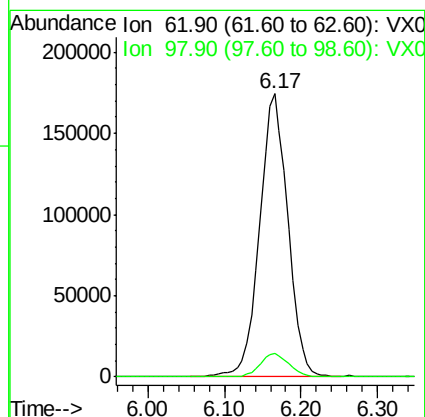
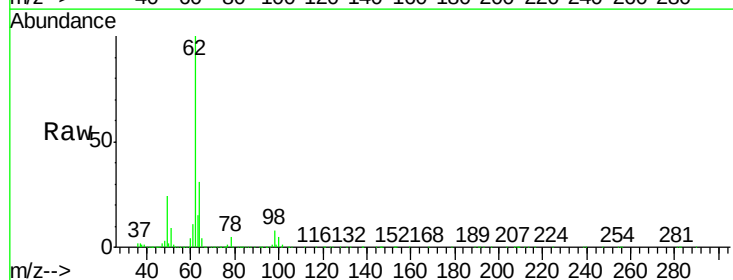
Manual Integrations
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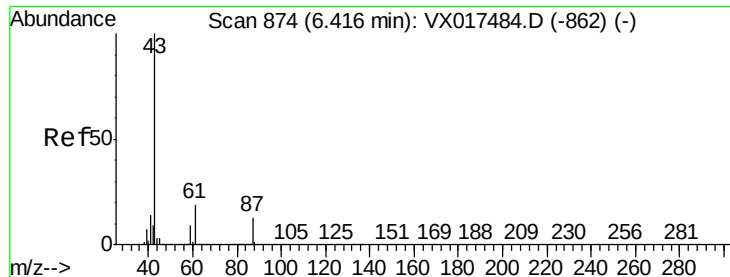
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#42
1,2-Dichloroethane
Concen: 53.844 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 53.461 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

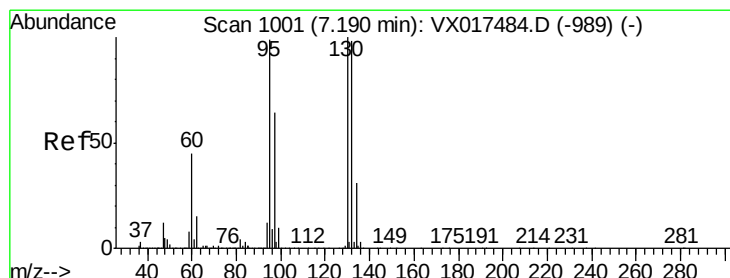
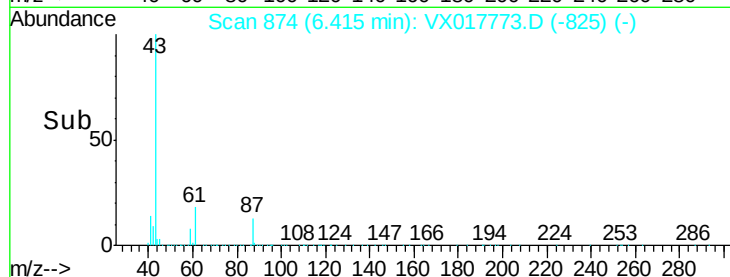
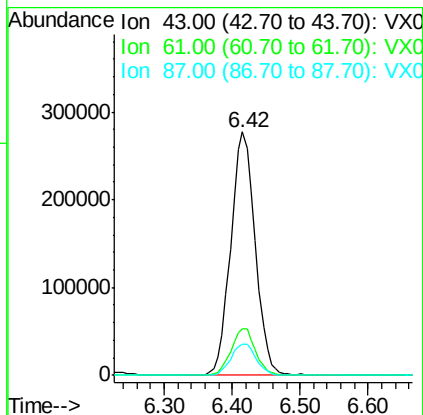
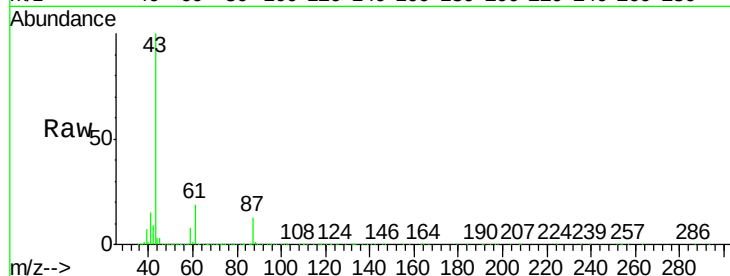
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.3	10.5	15.7

Manual Integrations
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8/5/2020 2:51:26 PM



#44

Trichloroethene

Concen: 56.229 ug/l

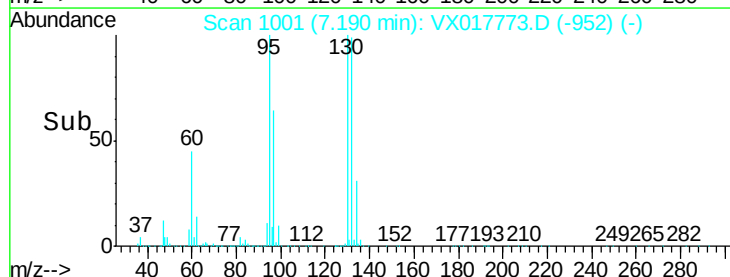
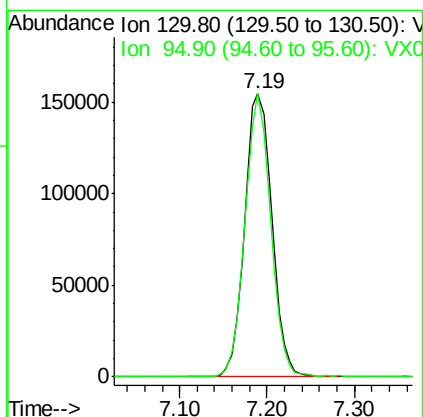
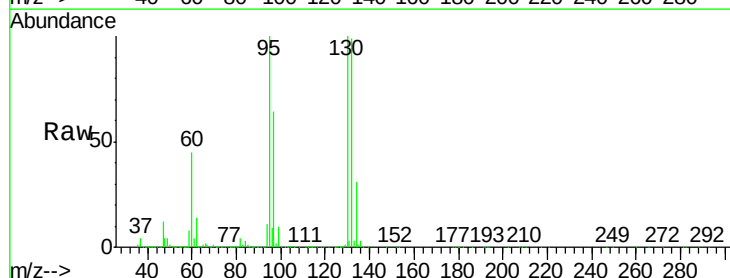
RT: 7.19 min Scan# 1001

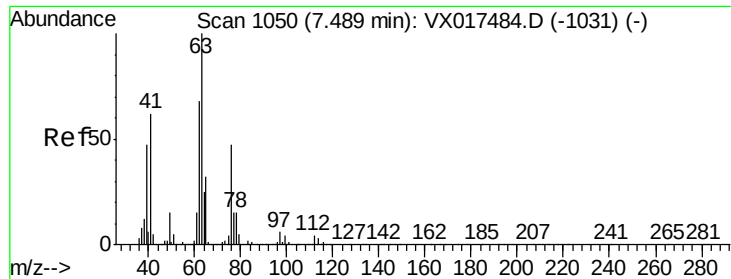
Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	189.0





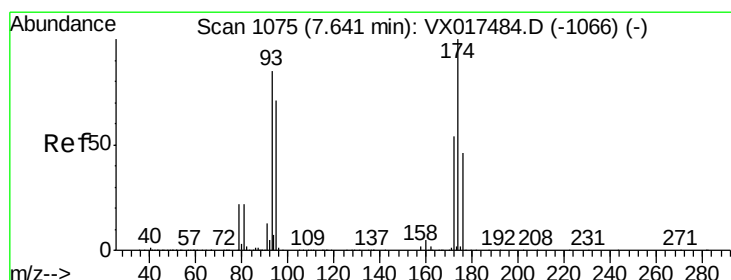
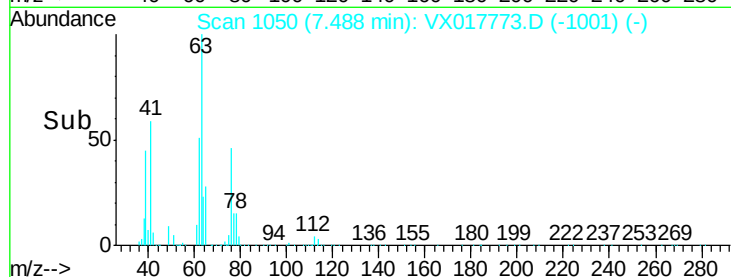
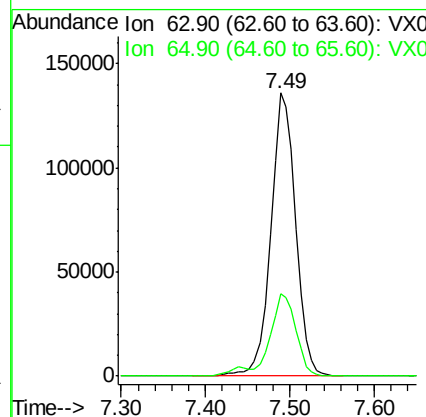
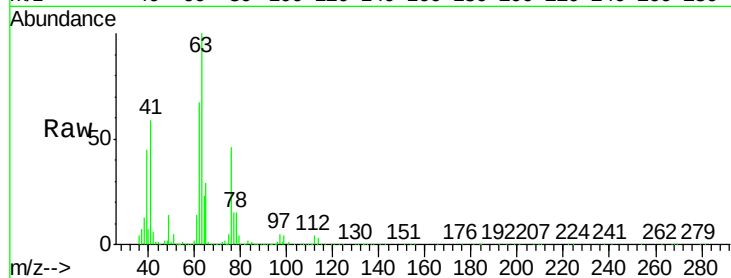
#45
1,2-Dichloropropane
Concen: 48.745 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.5	36.7

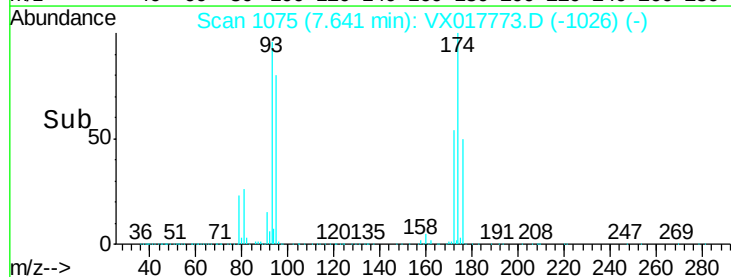
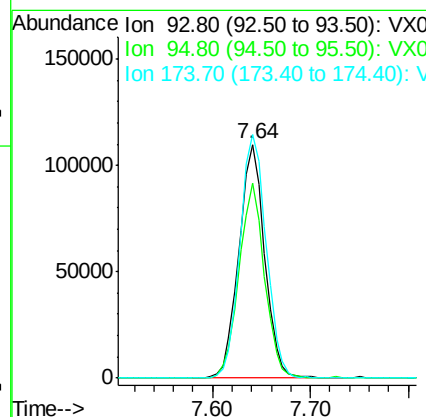
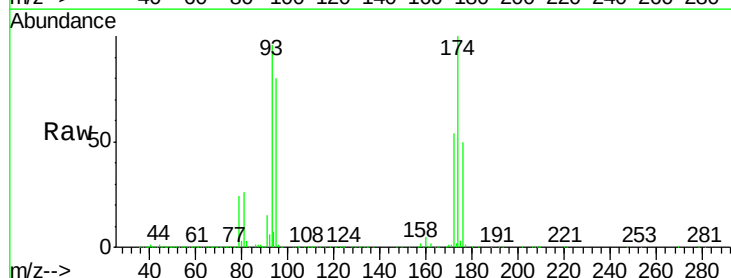
Manual Integrations
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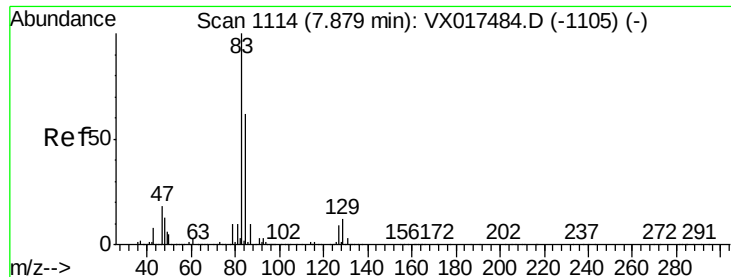
MMDadoda
8/5/2020 2:51:26 PM



#46
Dibromomethane
Concen: 50.472 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.6	99.8
174	106.1	87.0	130.6





#47

Bromodichloromethane

Concen: 52.148 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

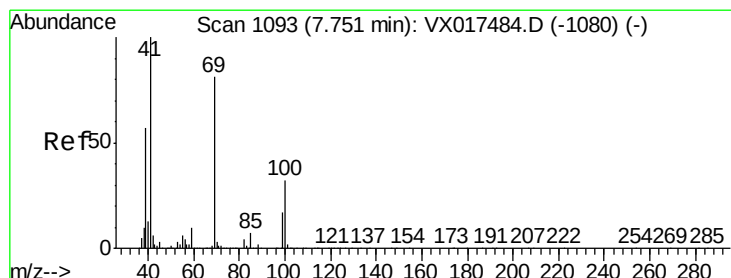
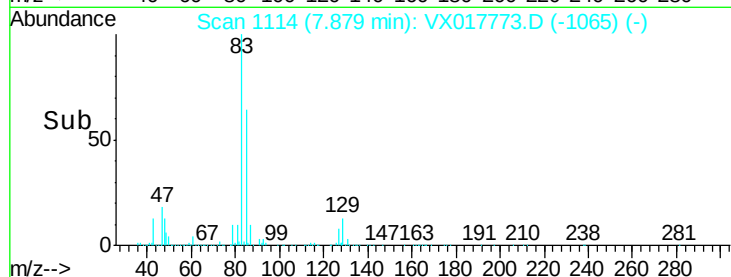
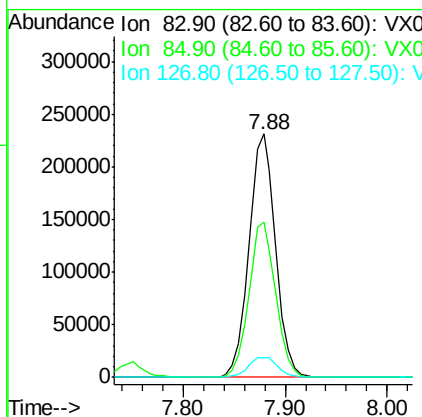
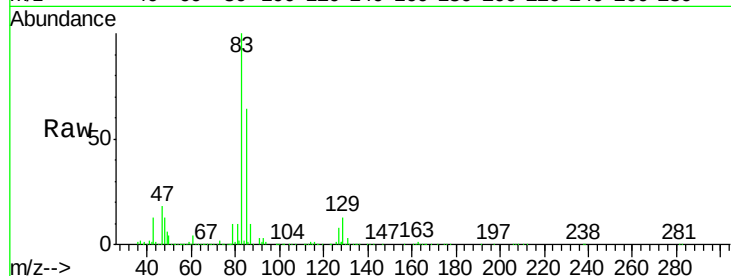
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	8.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.990 ug/l

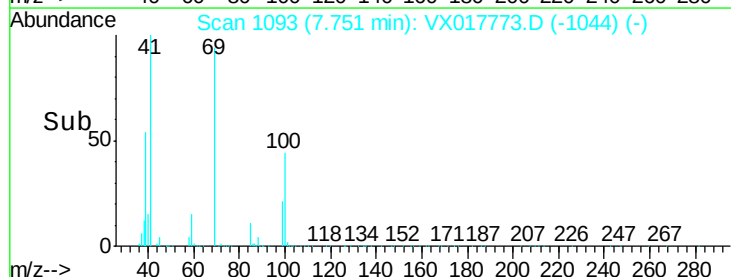
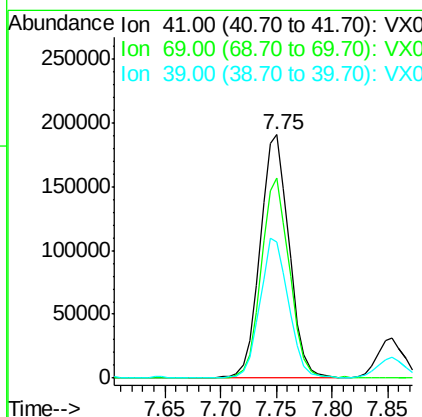
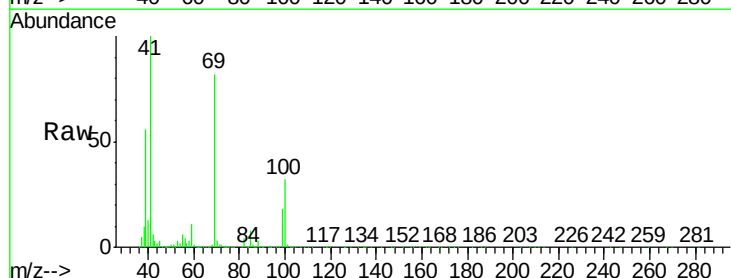
RT: 7.75 min Scan# 1093

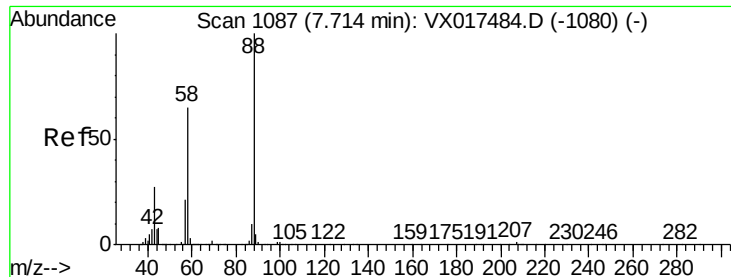
Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.1	94.7
39	56.7	45.1	67.7





#49

1,4-Dioxane

Concen: 968.332 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

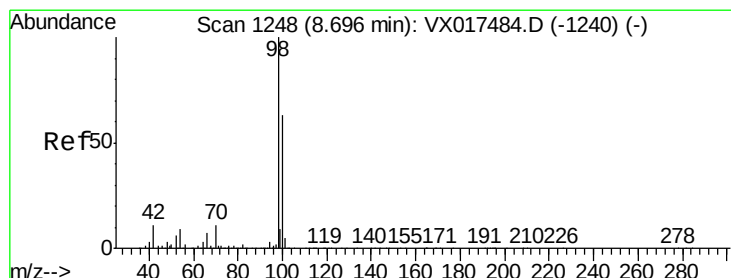
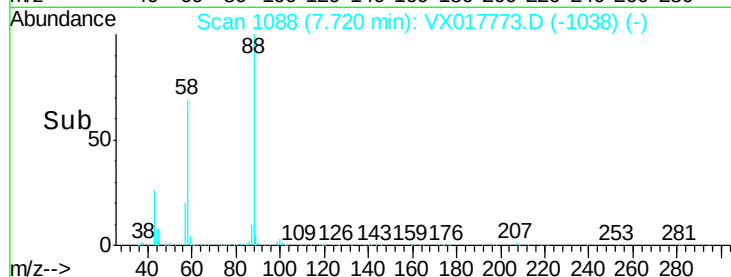
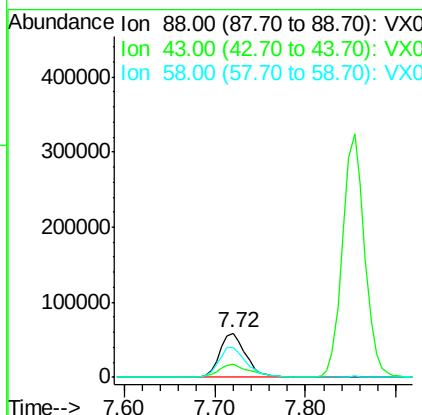
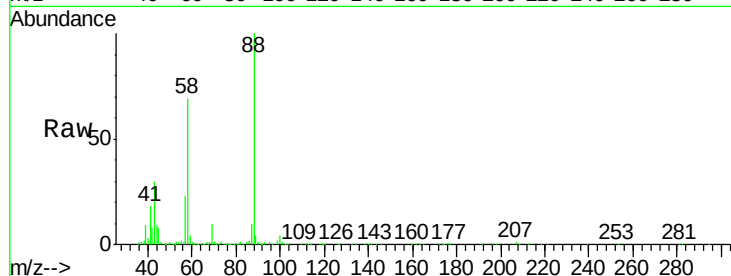
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	118298
Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.8	41.6
58	71.7	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 53.606 ug/l

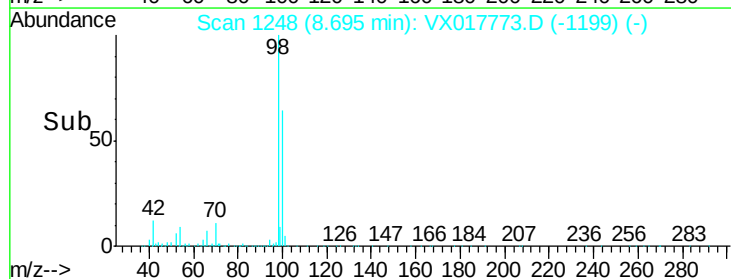
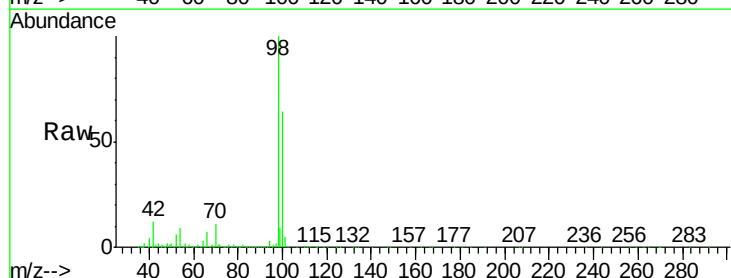
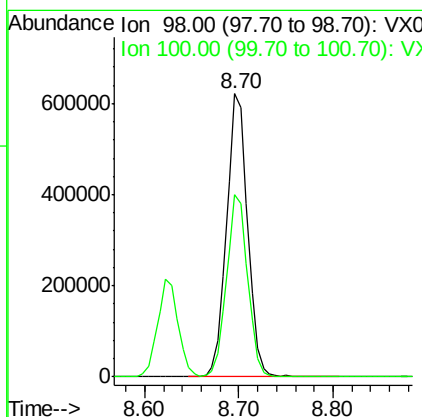
RT: 8.70 min Scan# 1248

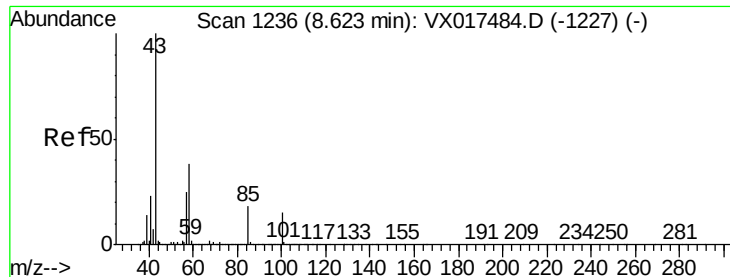
Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion:	98	Resp:	960227
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5





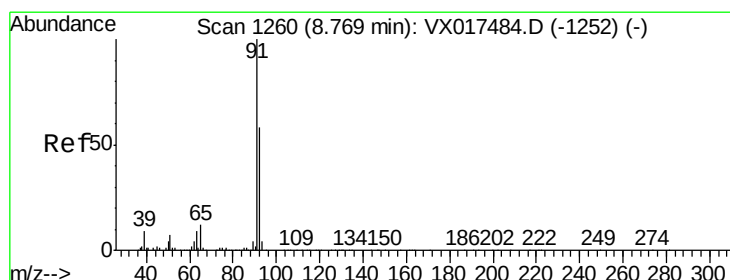
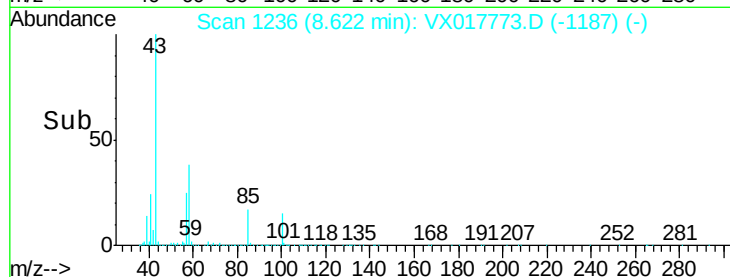
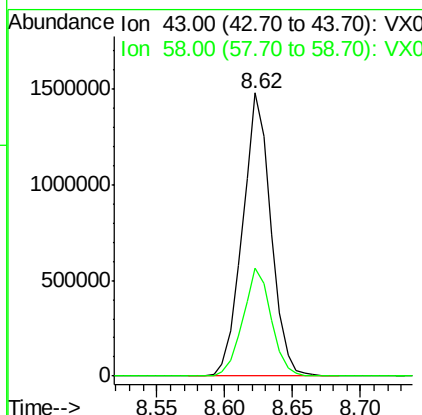
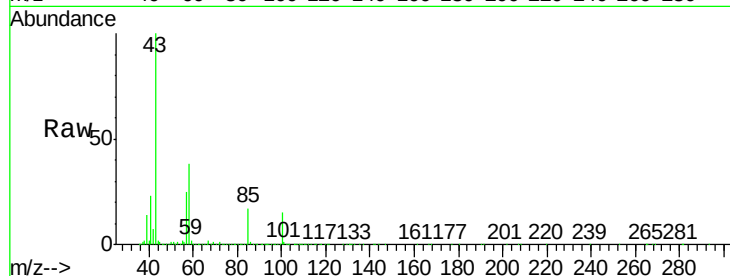
#51
 4-Methyl-2-Pentanone
 Concen: 280.991 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2155194
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.4

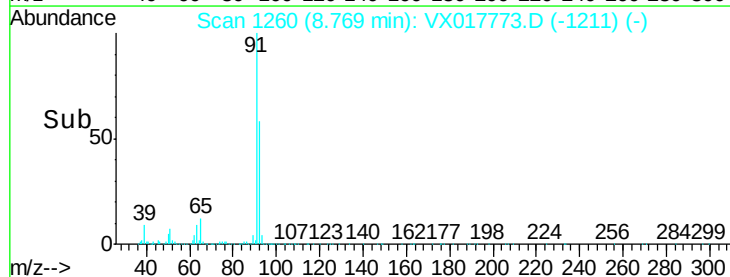
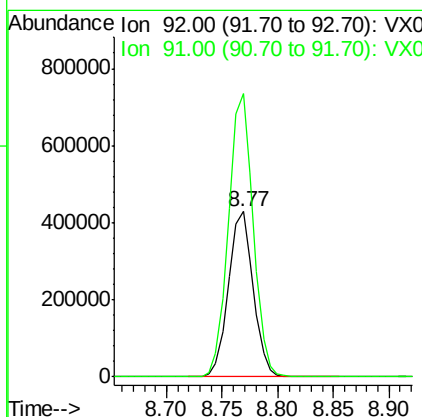
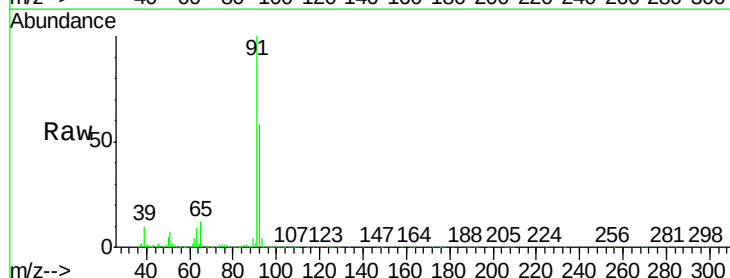
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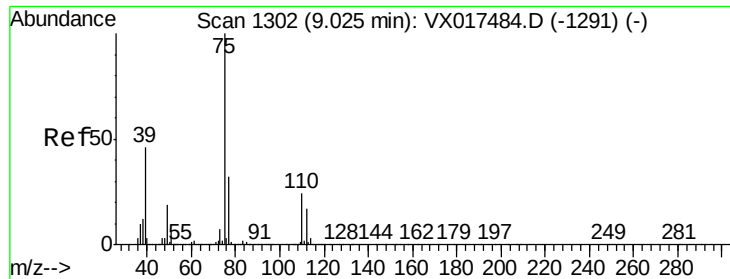
MMDadoda
 8/5/2020 2:51:26 PM



#52
 Toluene
 Concen: 50.326 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion: 92 Resp: 658876
 Ion Ratio Lower Upper
 92 100
 91 171.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.835 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 448935

Ion Ratio Lower Upper

75 100

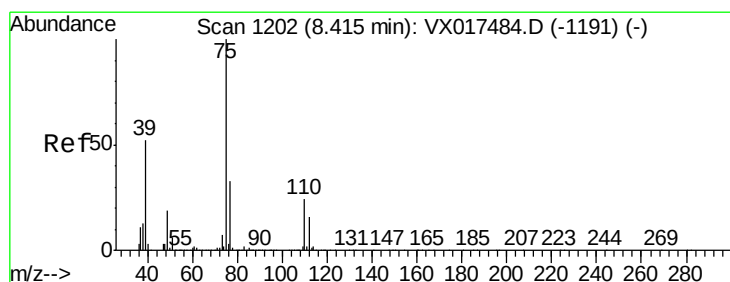
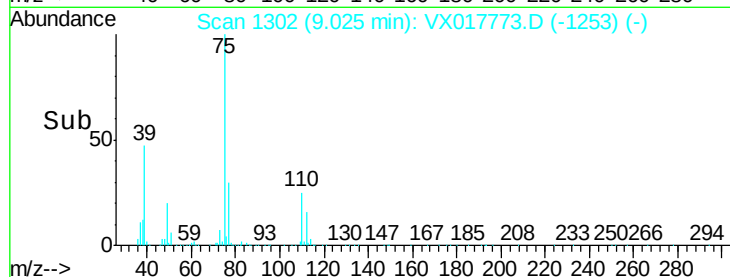
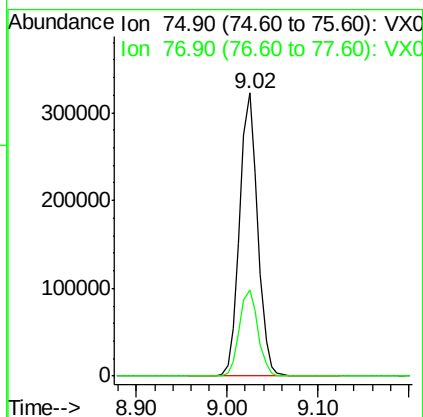
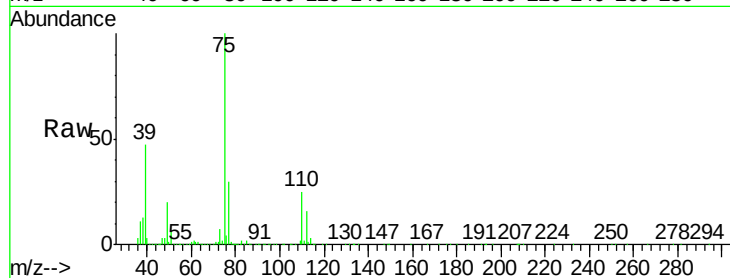
77 30.3 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.486 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

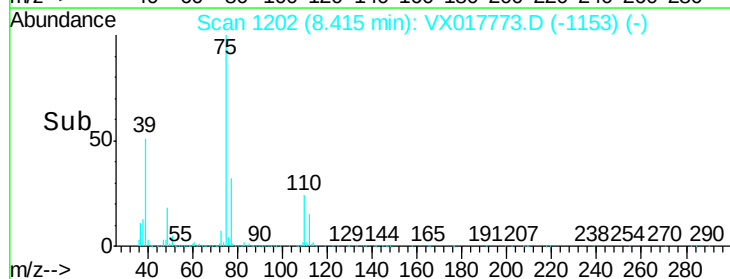
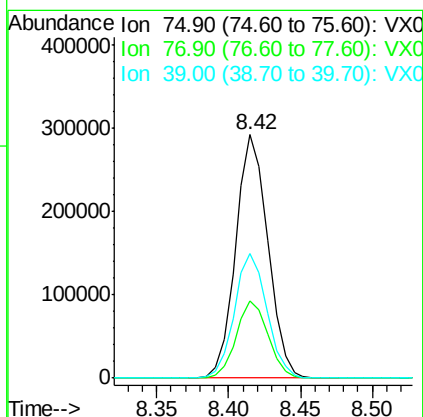
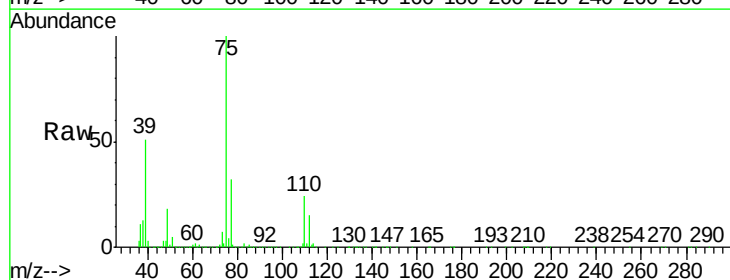
Tgt Ion: 75 Resp: 454706

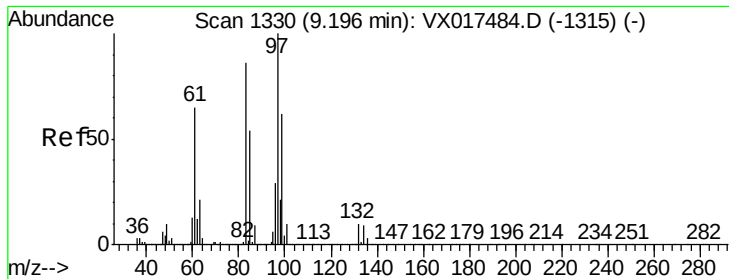
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 51.3 41.8 62.8





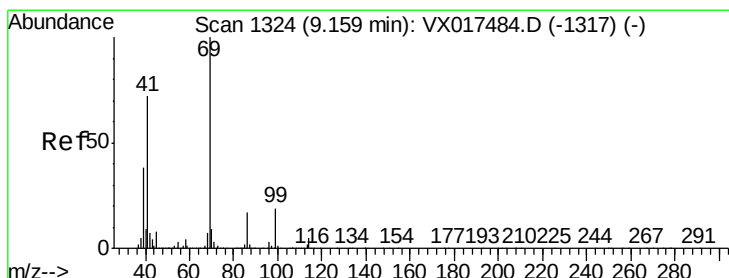
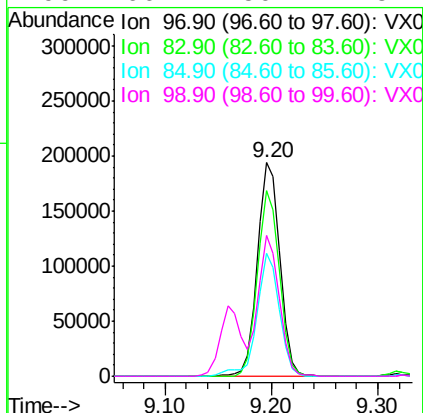
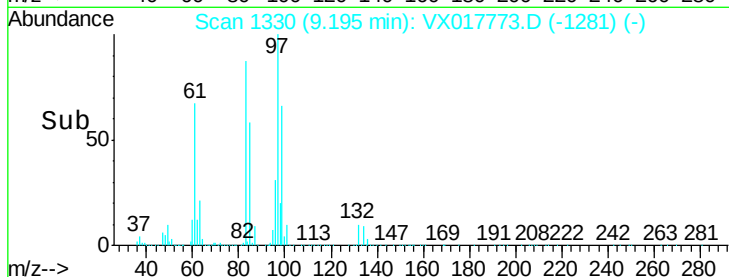
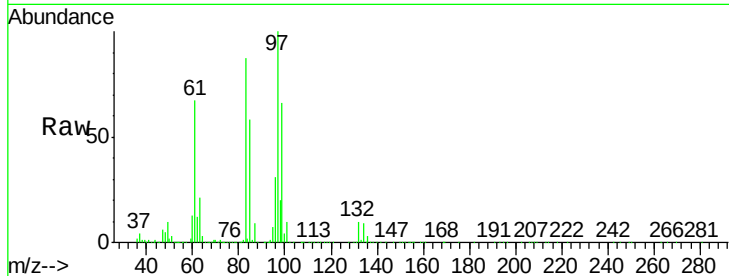
#55
 1,1,2-Trichloroethane
 Concen: 53.048 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	289320		
83	86.6	67.6	101.4	
85	57.5	44.6	67.0	
99	66.1	50.2	75.4	

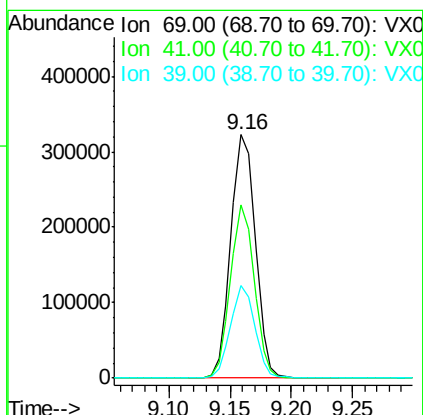
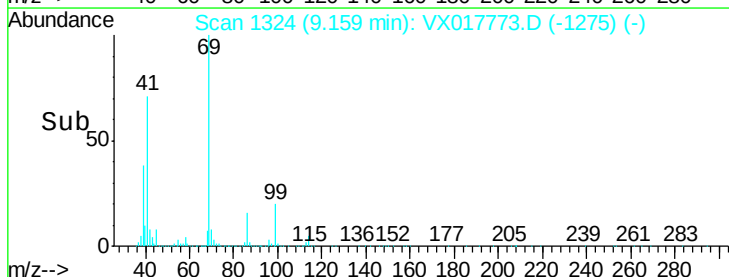
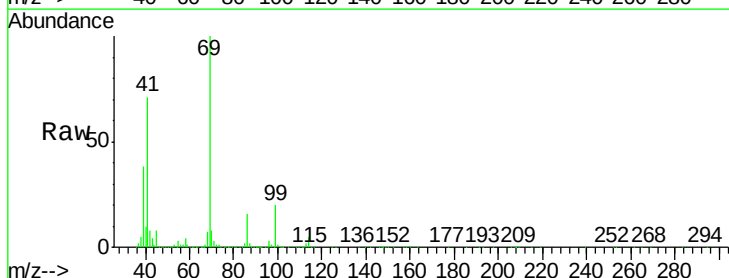
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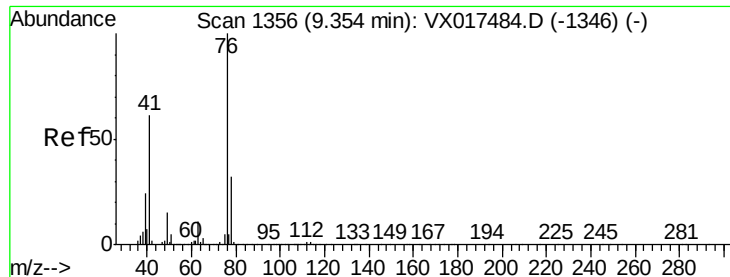
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#56
 Ethyl methacrylate
 Concen: 54.715 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	449580		
41	69.1	55.0	82.6	
39	37.6	30.0	45.0	





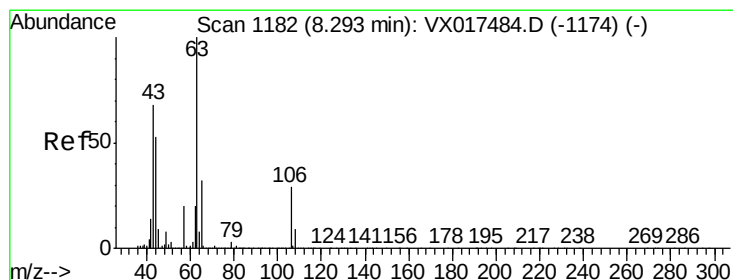
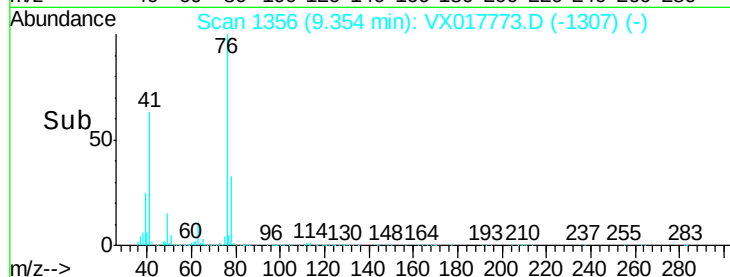
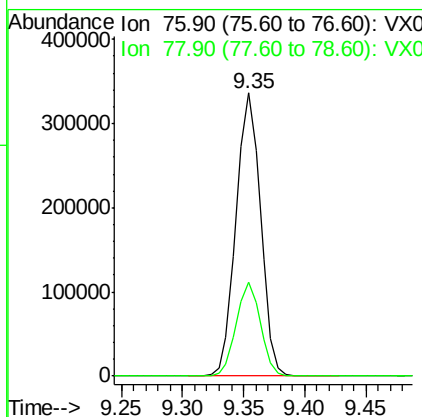
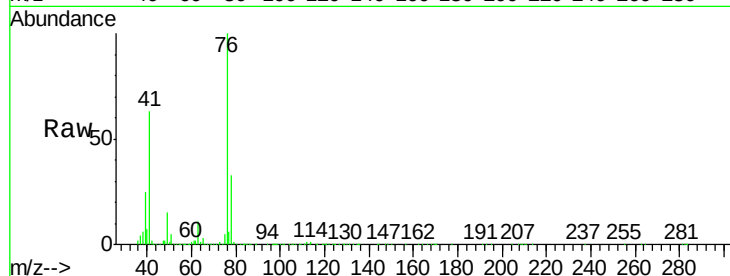
#57
 1,3-Dichloropropane
 Concen: 52.066 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

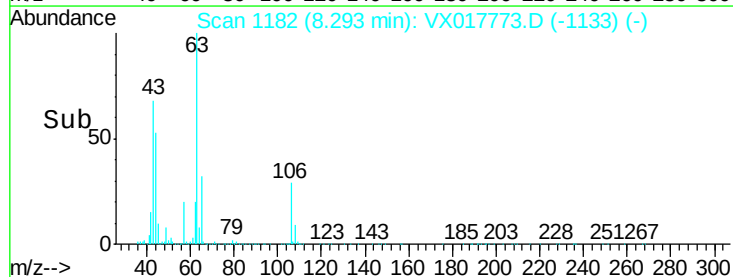
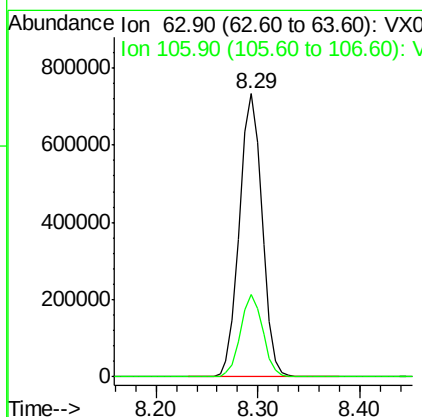
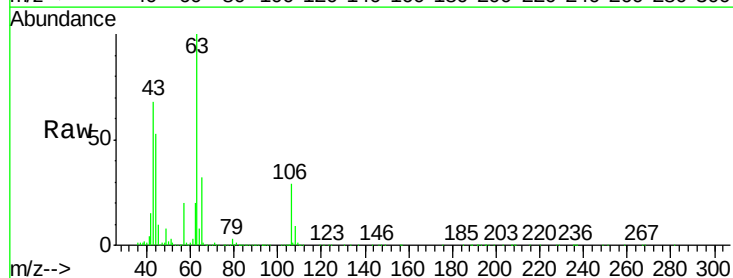
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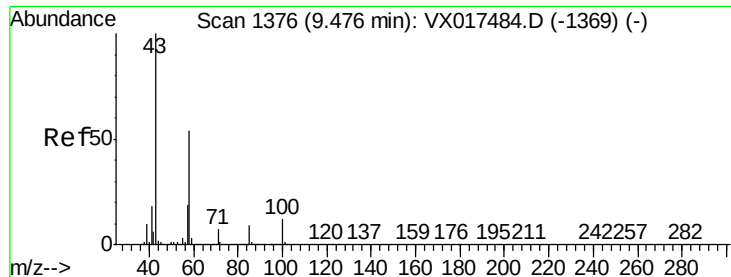
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.423 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.6	34.0





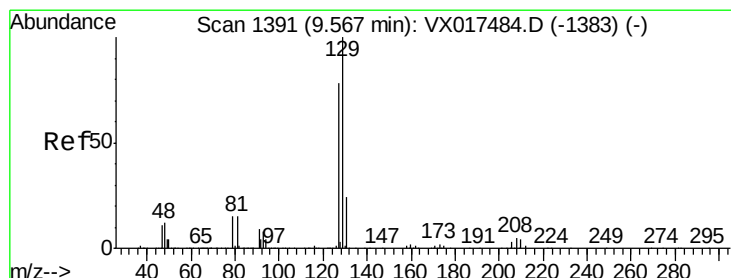
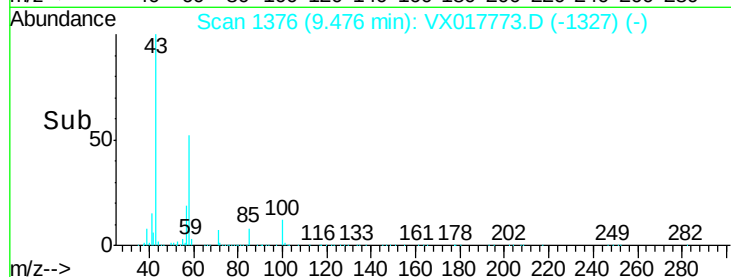
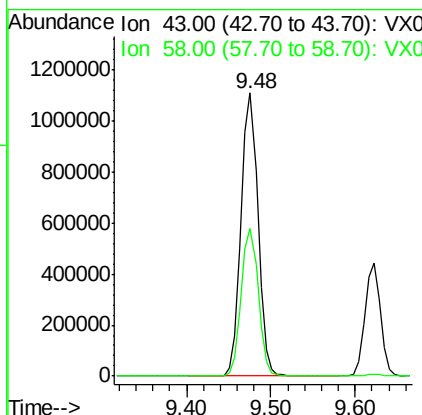
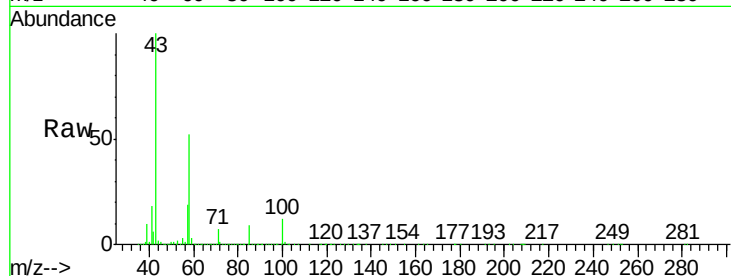
#59
2-Hexanone
Concen: 258.471 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1492575
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.8

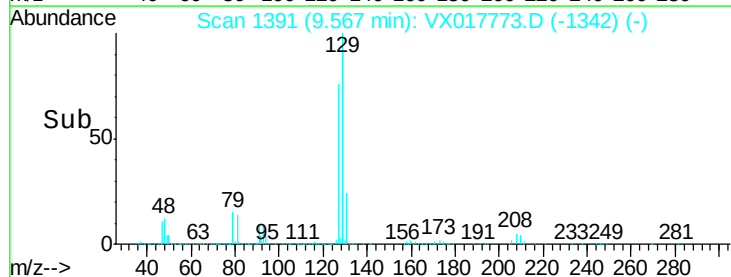
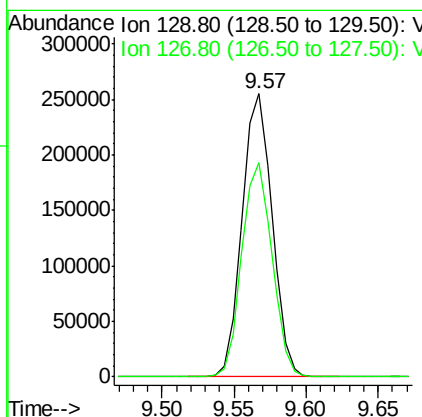
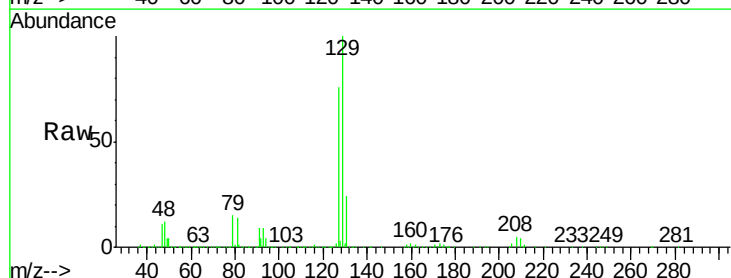
Manual Integrations
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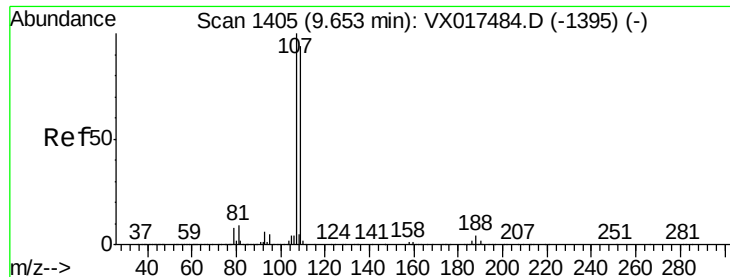
MMDadoda
8/5/2020 2:51:26 PM



#60
Dibromochloromethane
Concen: 53.331 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 129 Resp: 369688
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





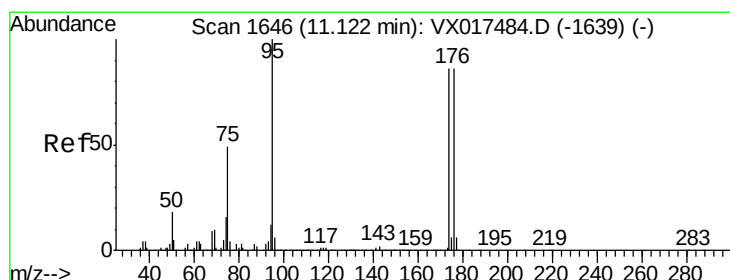
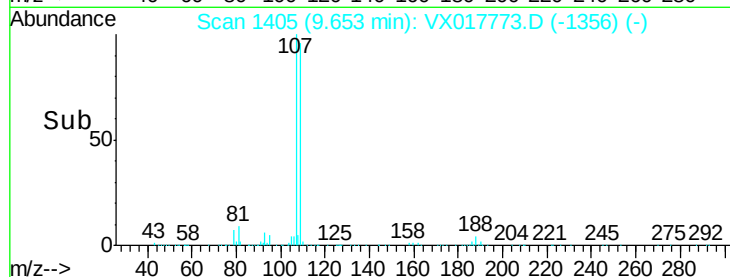
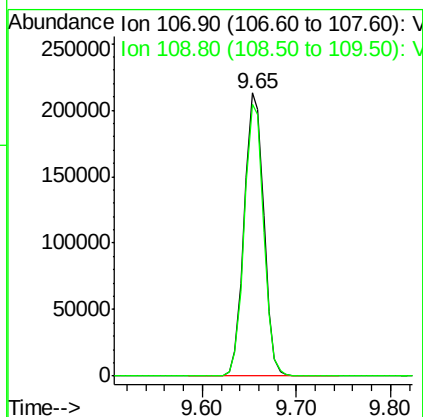
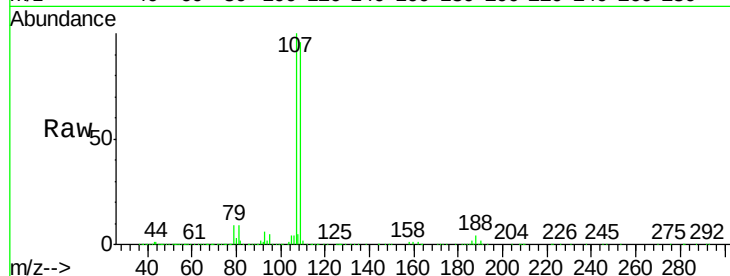
#61
 1,2-Dibromoethane
 Concen: 53.239 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	309131		
109	95.0	74.9	112.3	

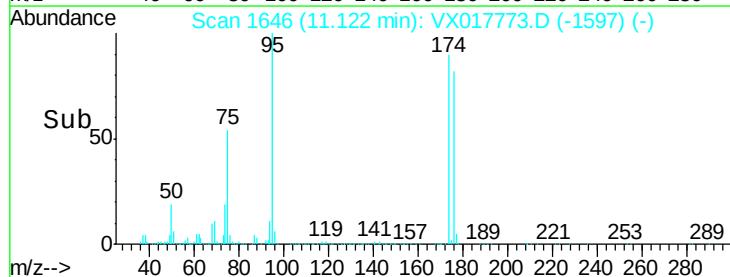
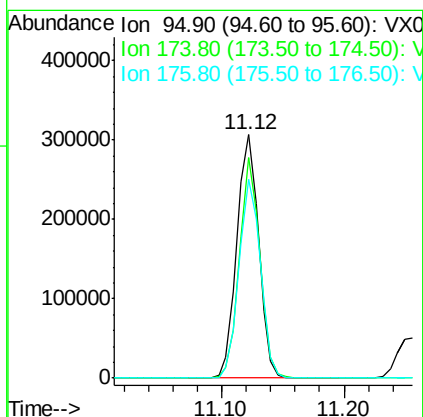
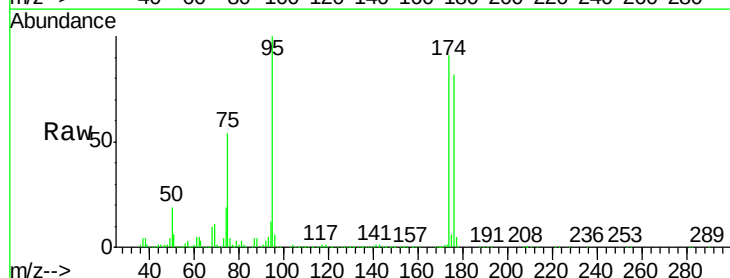
Manual Integrations
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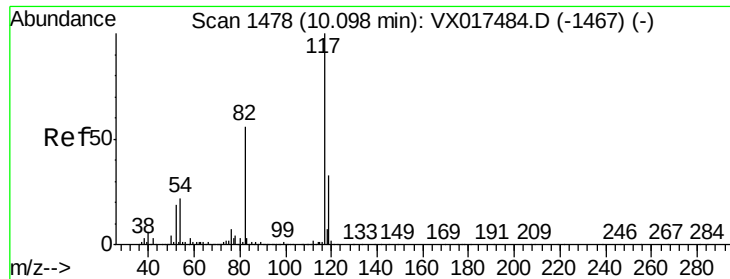
MMDadoda
 8/5/2020 2:51:26 PM



#62
 4-Bromofluorobenzene
 Concen: 52.336 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	375185		
174	84.8	0.0	169.0	
176	80.8	0.0	161.0	





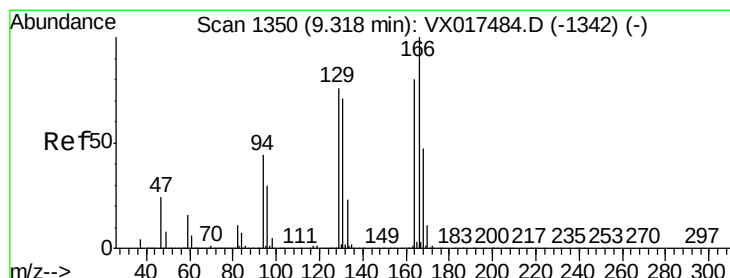
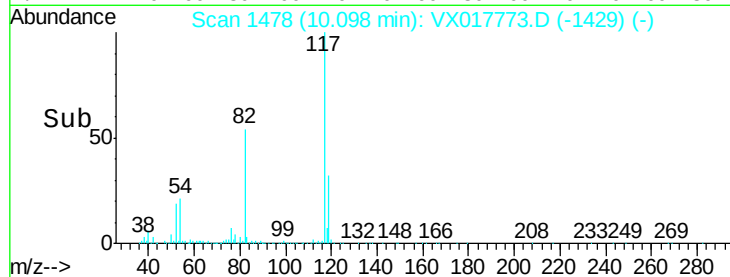
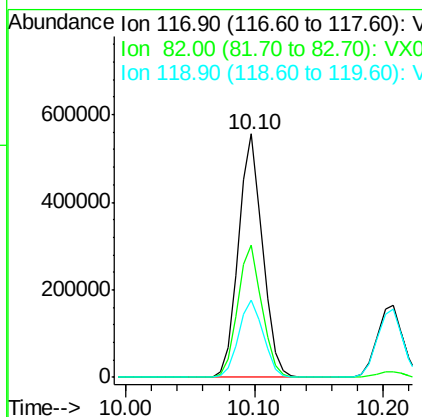
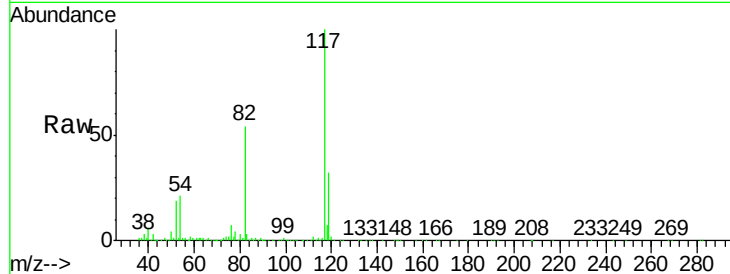
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.2	44.0	66.0
119	31.8	25.4	38.0

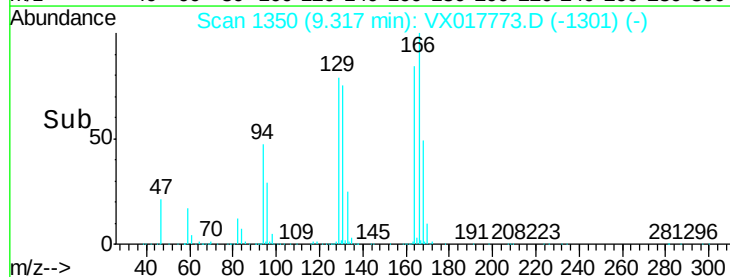
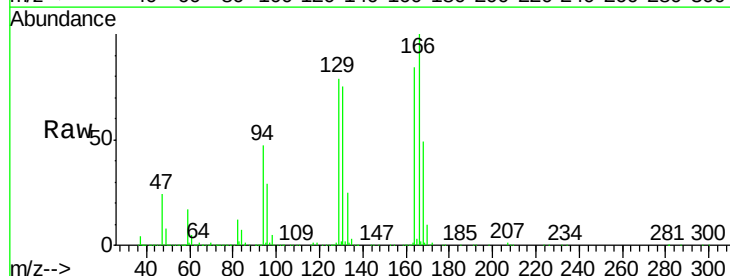
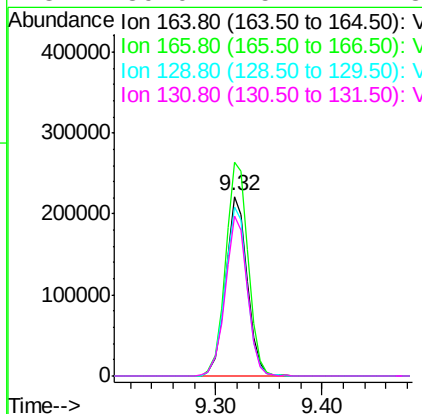
Manual Integrations
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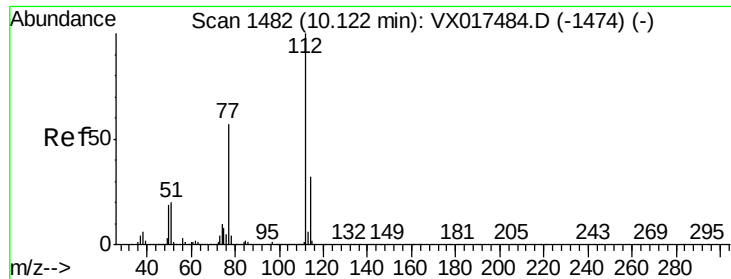
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#64
Tetrachloroethene
Concen: 48.384 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	119.2	100.6	150.8
129	93.9	75.0	112.6
131	89.0	75.2	112.8





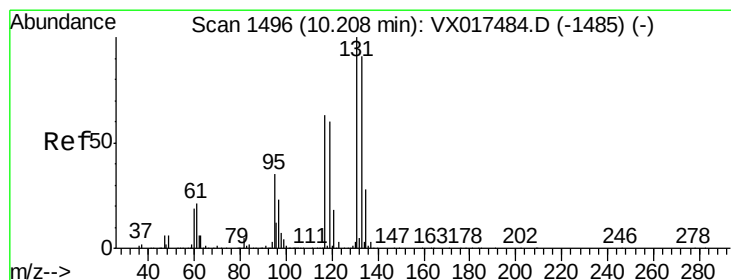
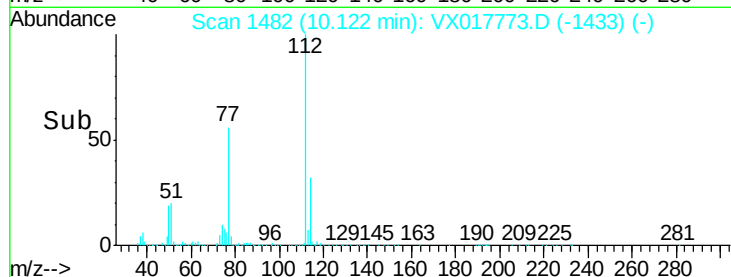
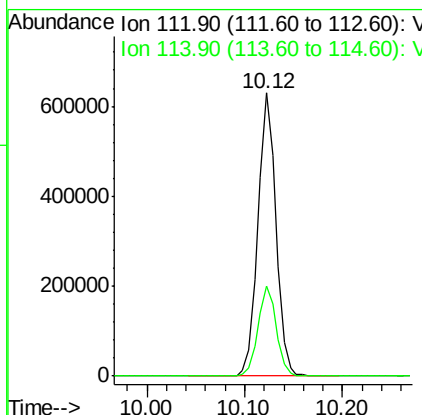
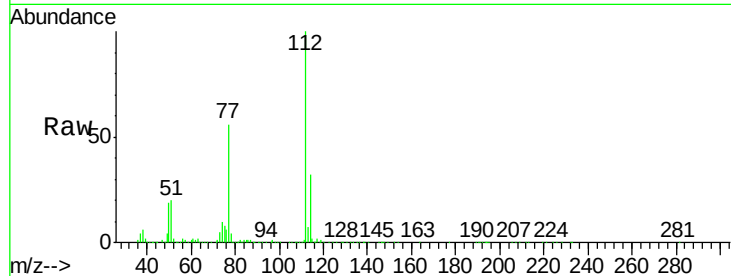
#65
Chlorobenzene
Concen: 51.560 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

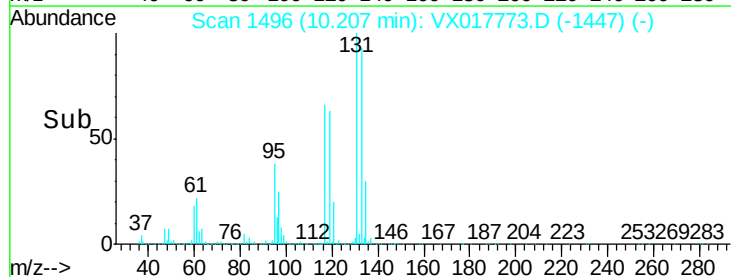
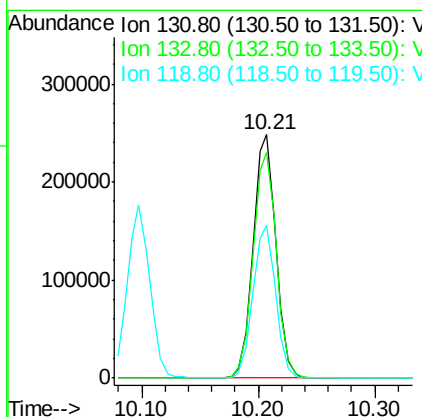
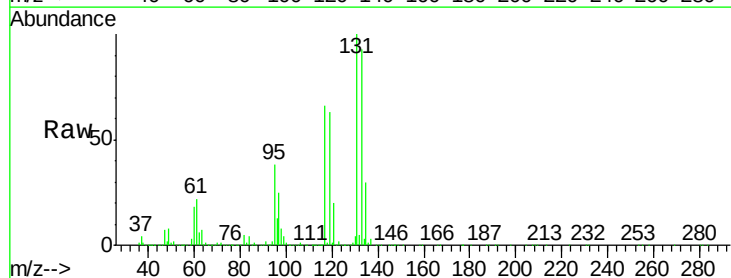
Manual Integrations
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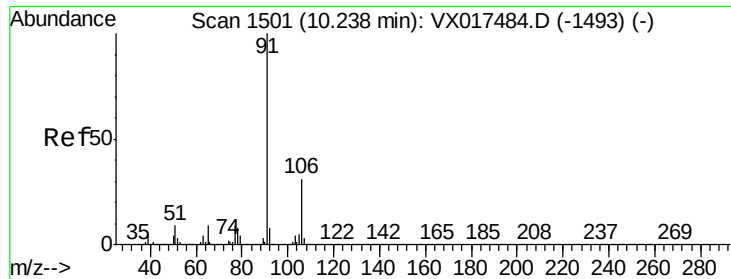
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.438 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.6
119	62.6	31.1	93.3





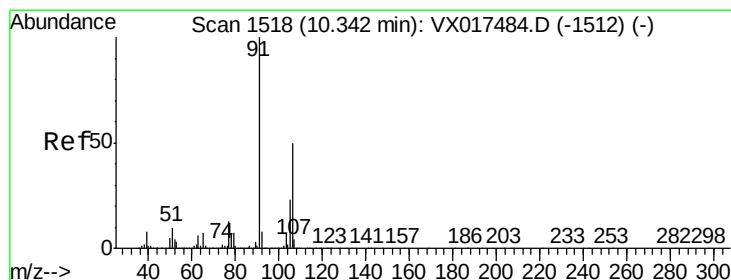
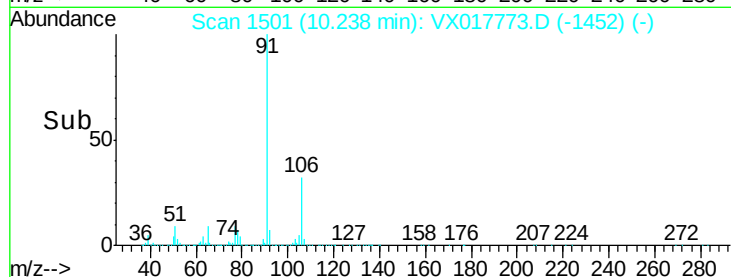
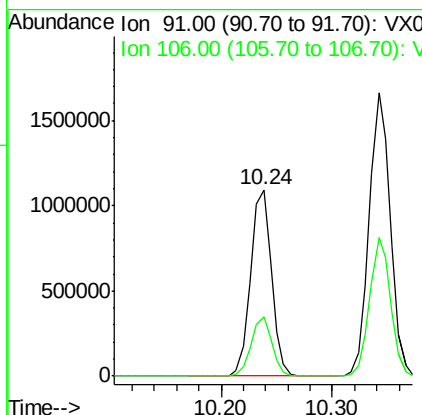
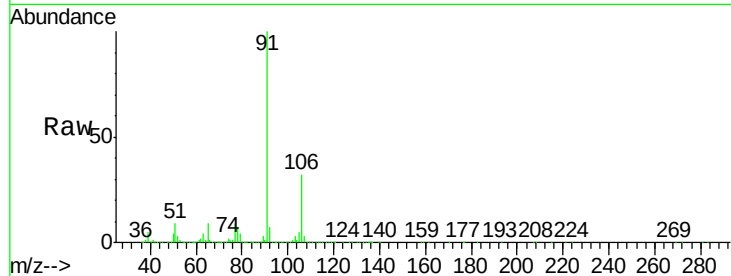
#67
Ethyl Benzene
Concen: 54.930 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1431415
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6

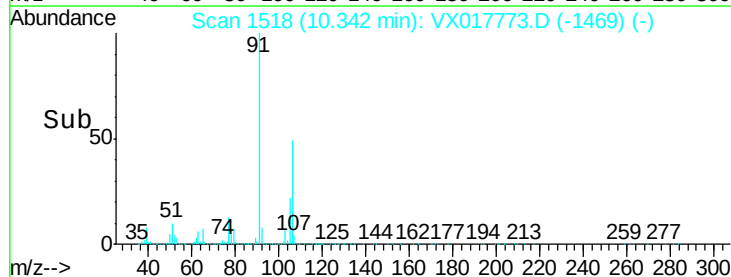
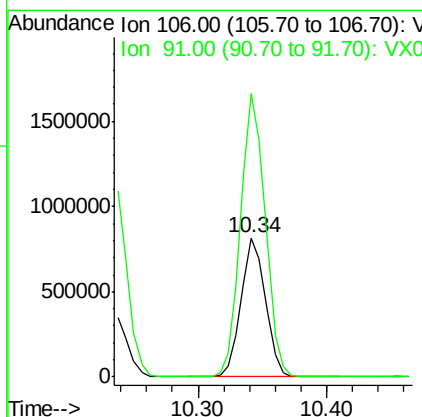
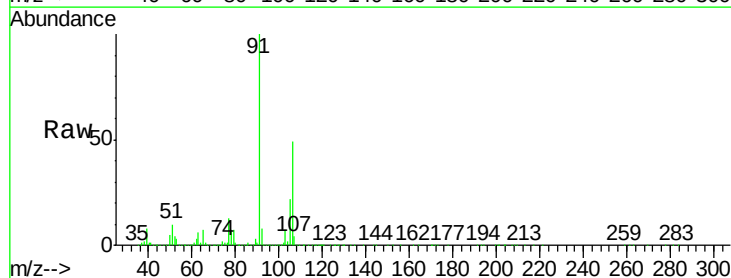
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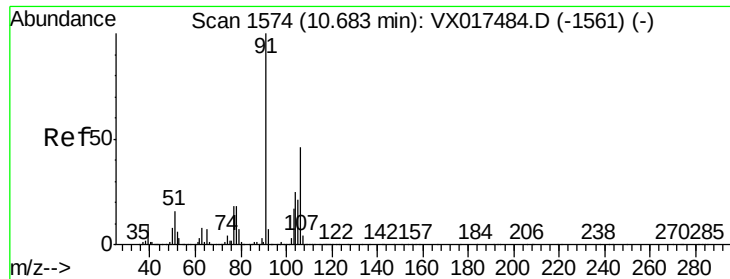
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#68
m/p-Xylenes
Concen: 105.869 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion: 106 Resp: 1068776
Ion Ratio Lower Upper
106 100
91 206.1 160.9 241.3





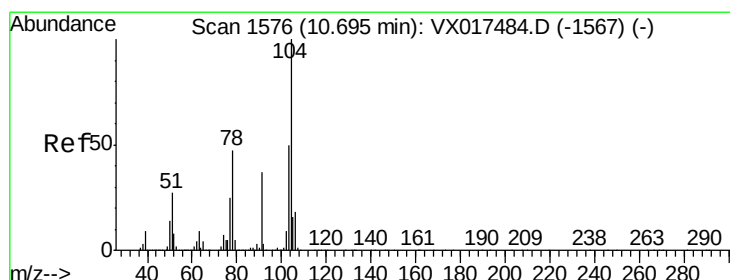
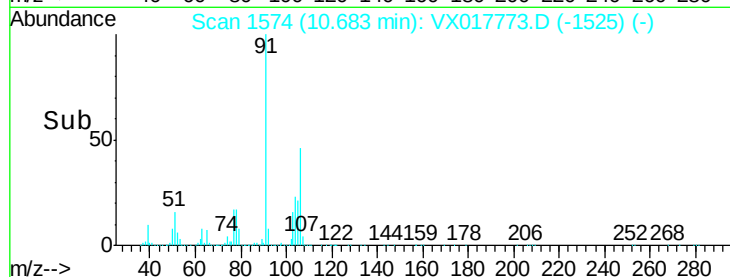
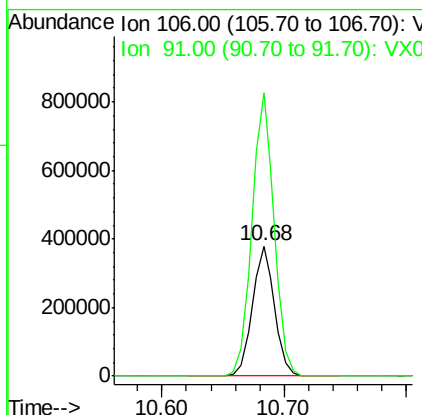
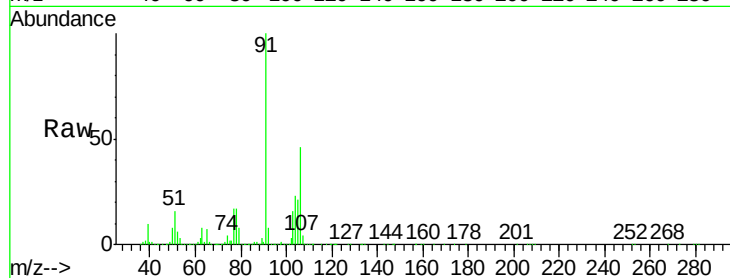
#69
o-Xylene
Concen: 49.177 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	218.2	108.2	324.6

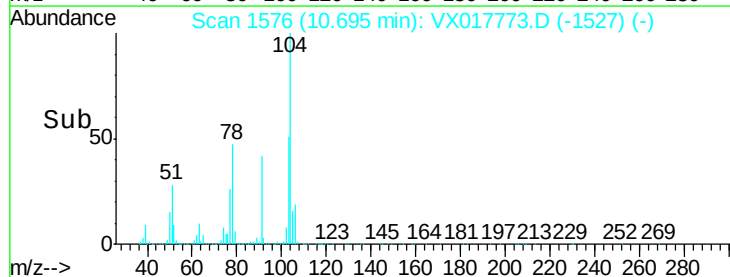
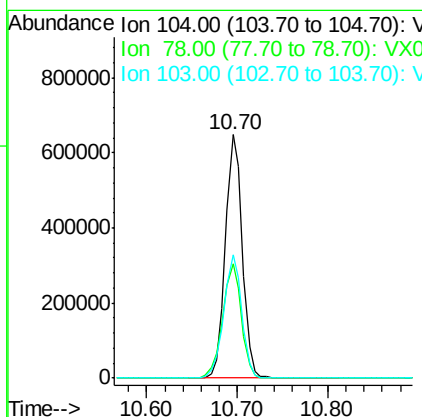
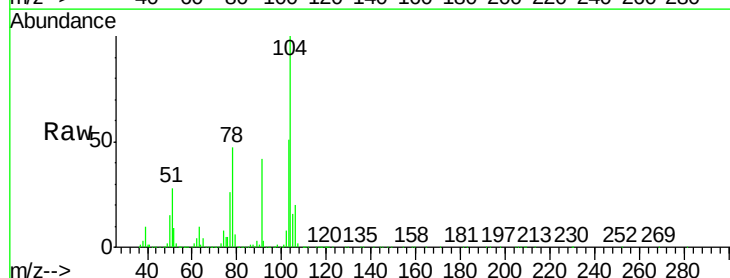
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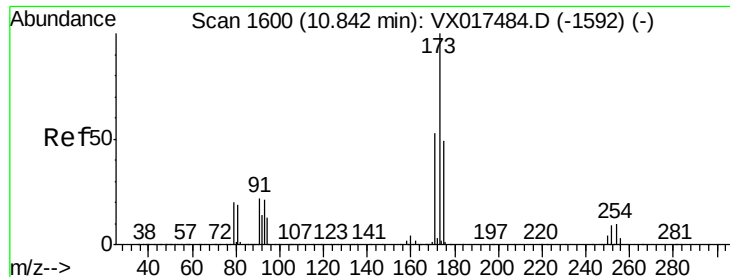
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#70
Styrene
Concen: 50.901 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.0	42.5	63.7
103	54.2	44.3	66.5





#71

Bromoform

Concen: 48.287 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

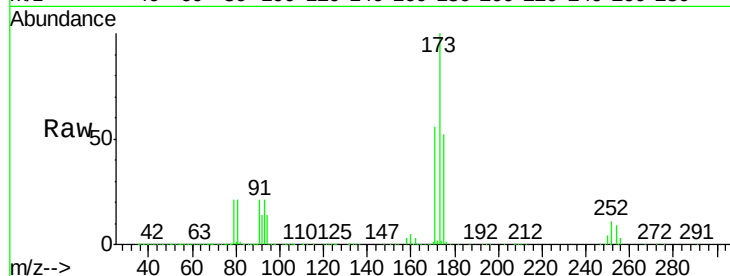
ClientSampleId :

VSTDCCC050EC

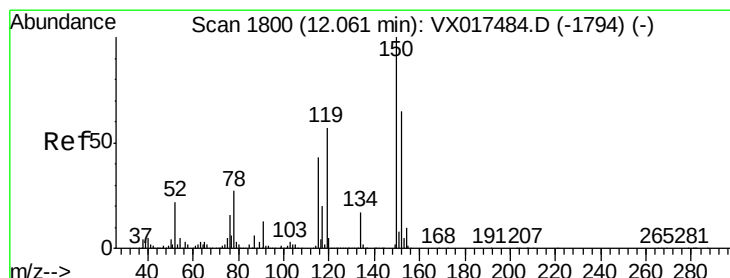
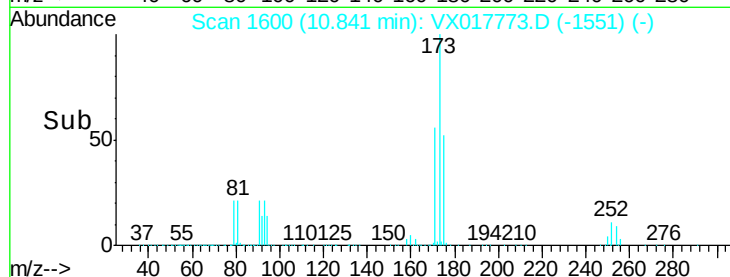
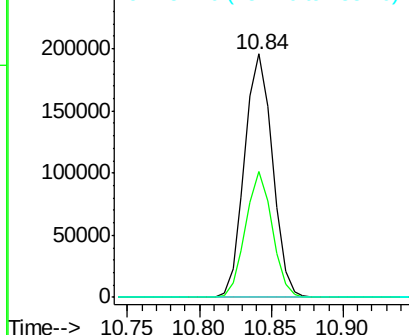
Tgt Ion:	173	Resp:	263580
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.8	71.5
254	0.1	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

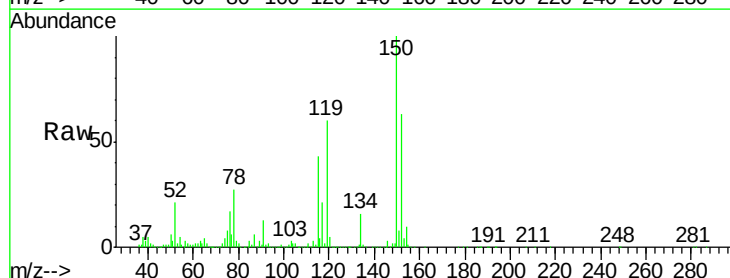
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

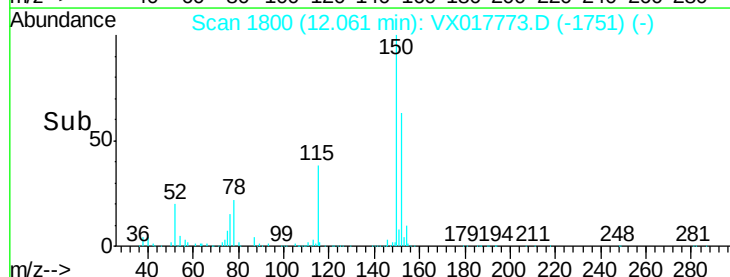
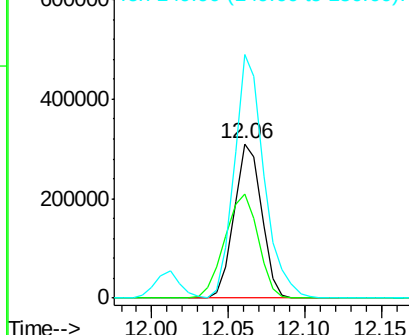
Lab File: VX017773.D

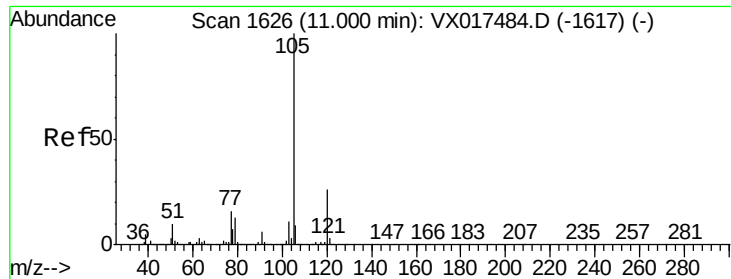
Acq: 04 Aug 2020 16:11

Tgt Ion:	152	Resp:	385611
Ion Ratio	Lower	Upper	
152	100		
115	82.2	65.5	196.6
150	170.9	0.0	412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.239 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1302538

Ion Ratio Lower Upper

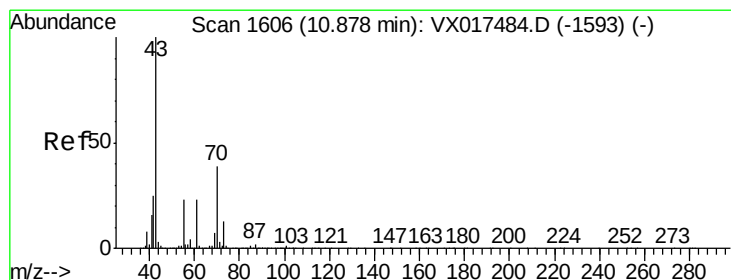
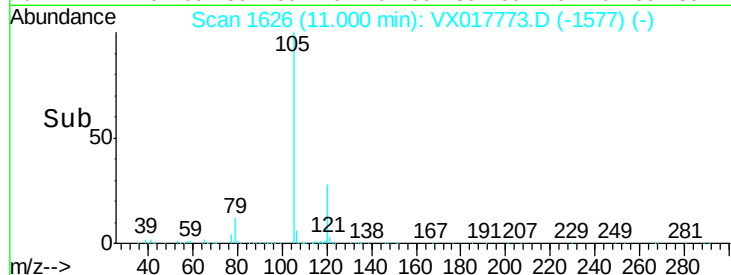
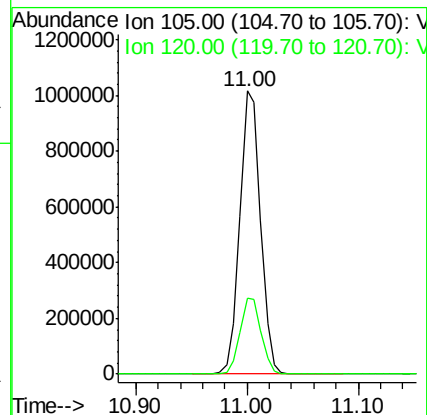
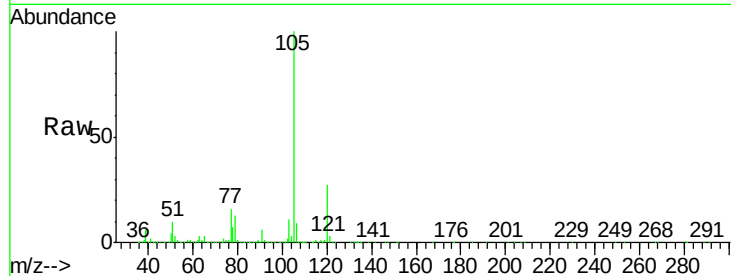
105 100

120 27.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 47.381 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion: 43 Resp: 556893

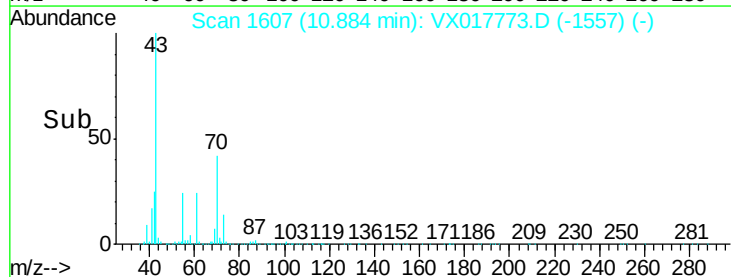
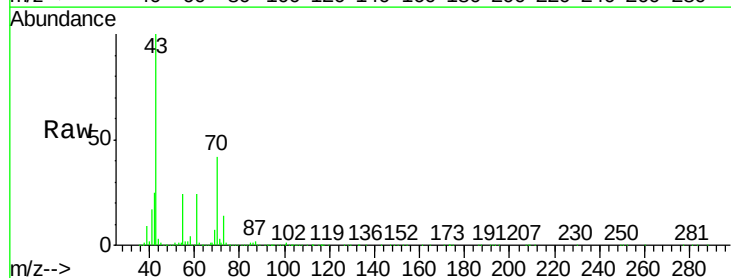
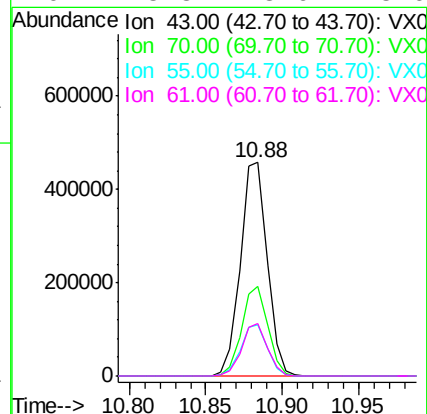
Ion Ratio Lower Upper

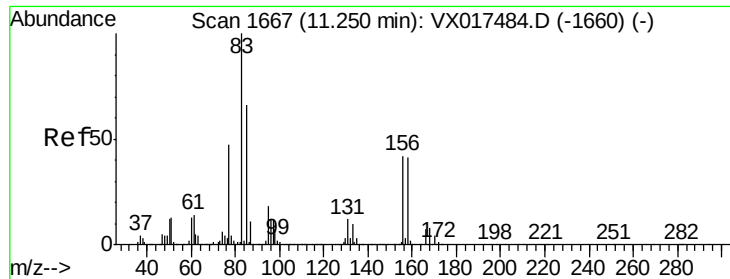
43 100

70 40.8 32.3 48.5

55 23.8 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.447 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 383520
Ion Ratio Lower Upper

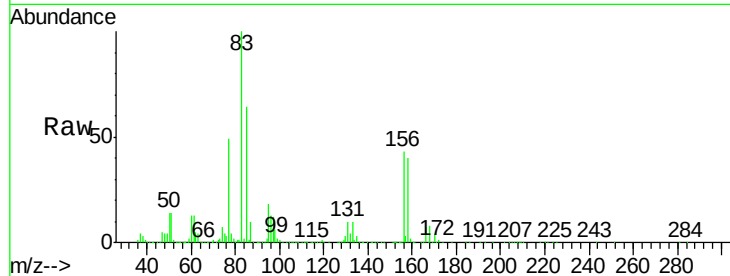
83 100

131 11.0 5.5 16.5

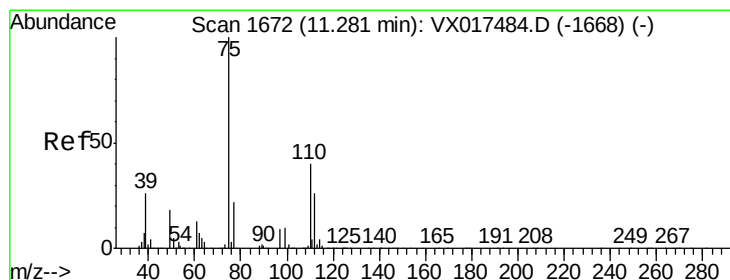
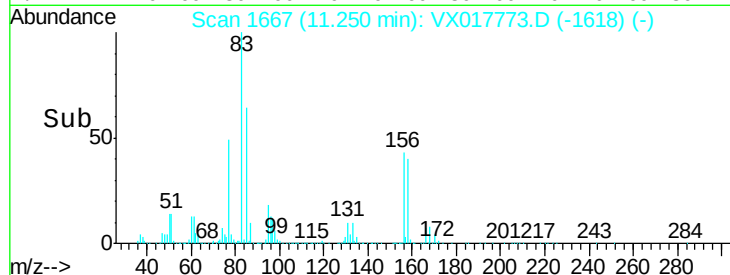
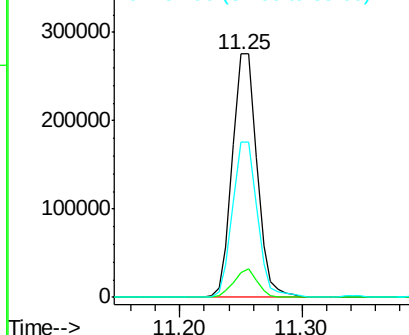
85 64.4 32.1 96.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.725 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

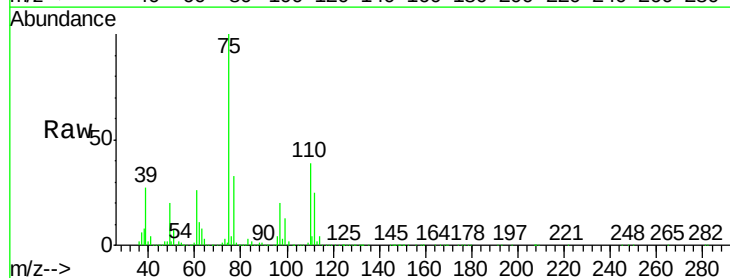
Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

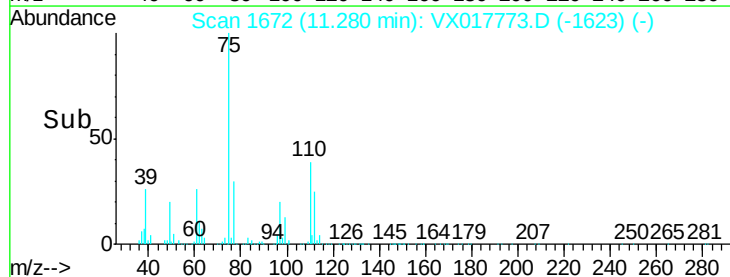
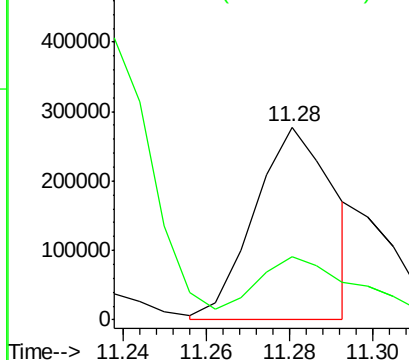
Tgt Ion: 75 Resp: 370630
Ion Ratio Lower Upper

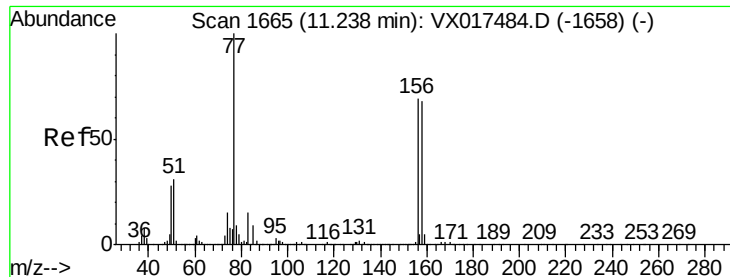
75 100

77 42.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





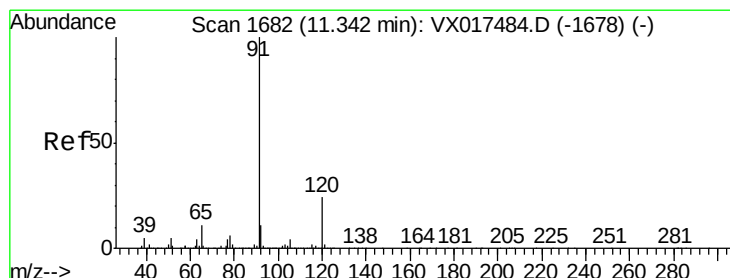
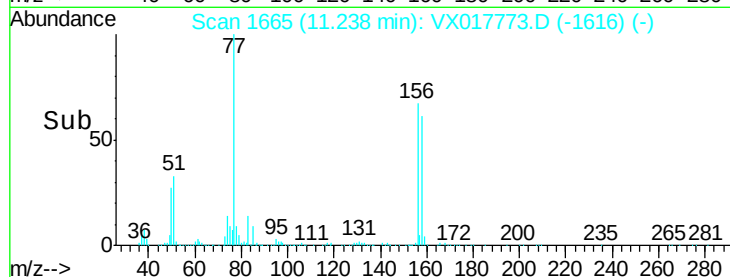
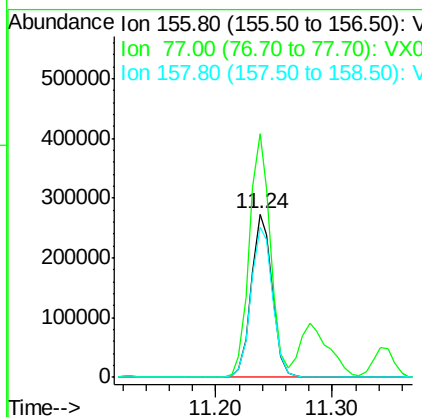
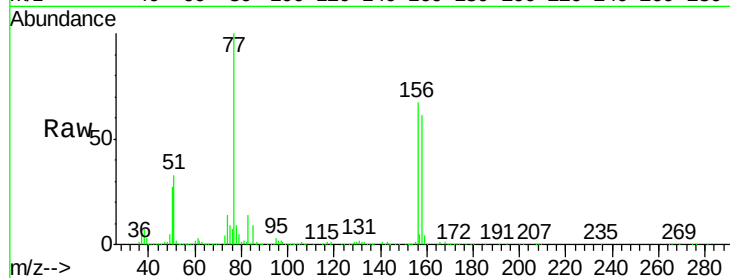
#77
Bromobenzene
Concen: 46.074 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.3	75.0	225.0
158	95.2	49.1	147.3

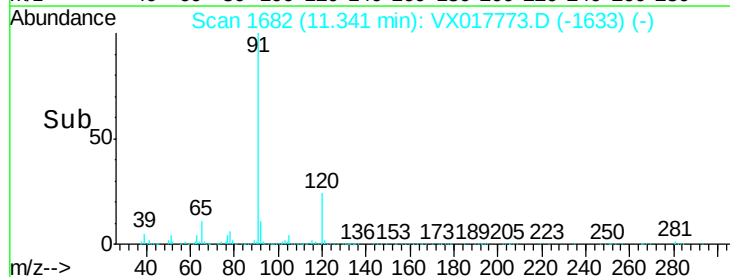
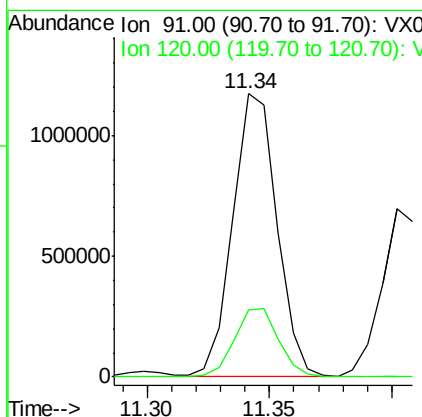
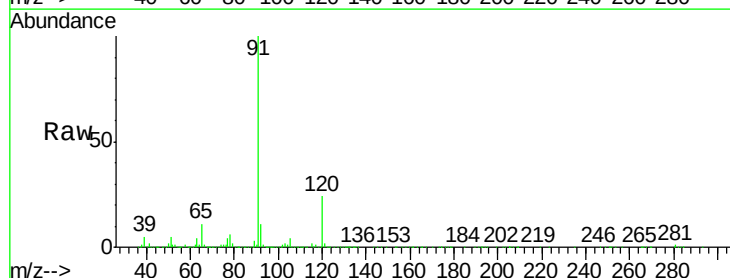
Manual Integrations
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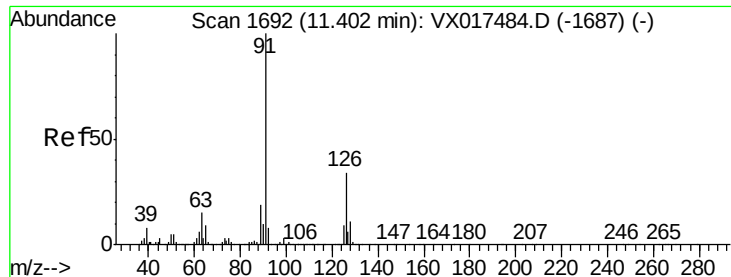
MMDadoda
8/5/2020 2:51:26 PM



#78
n-propylbenzene
Concen: 48.923 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 881089

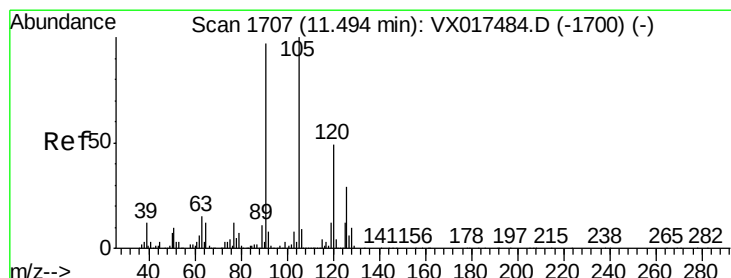
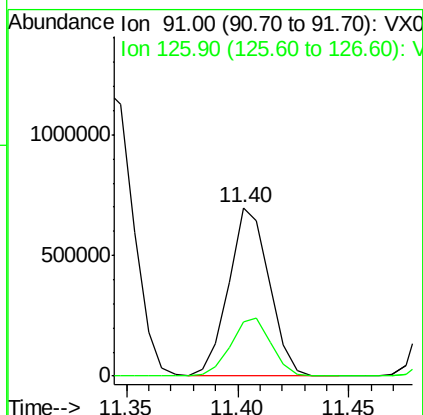
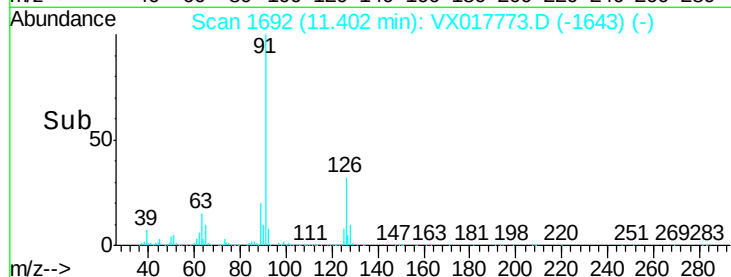
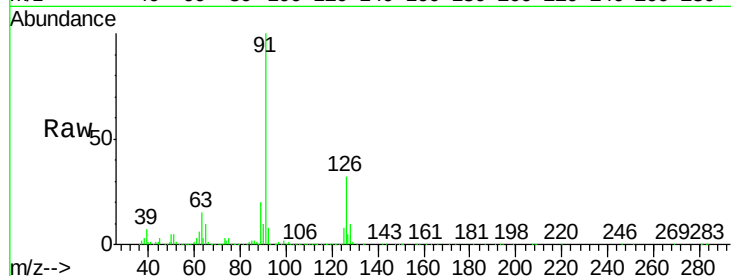
Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 48.651 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017773.D

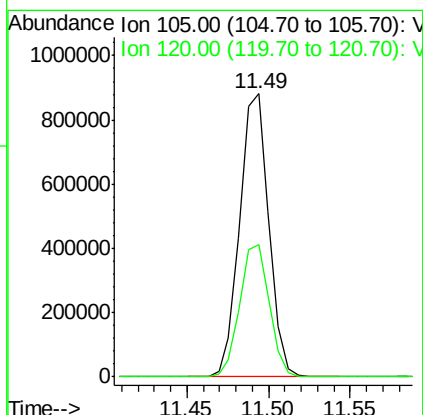
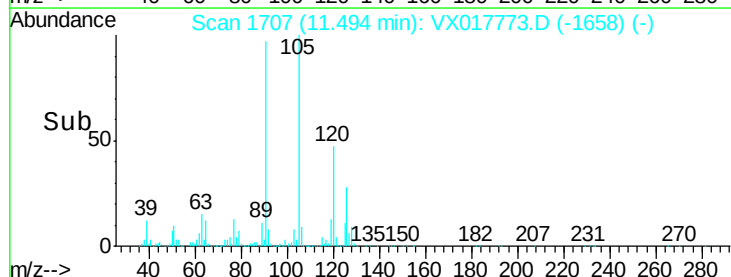
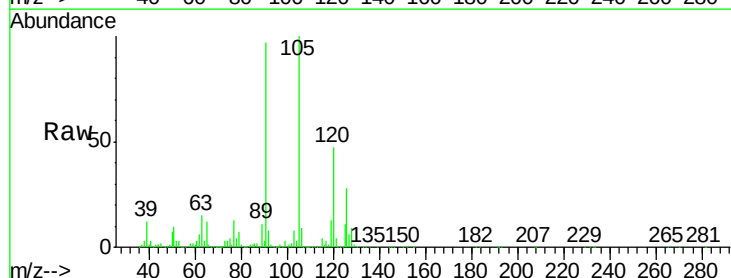
Acq: 04 Aug 2020 16:11

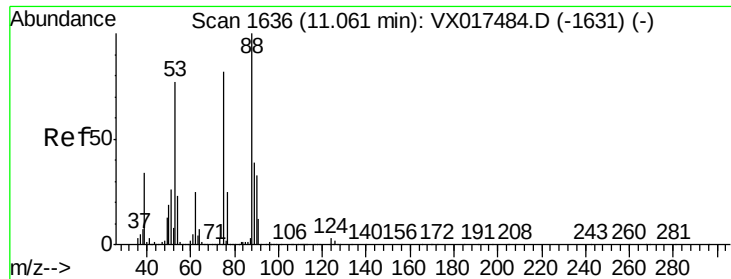
Tgt Ion: 105 Resp: 1098856

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





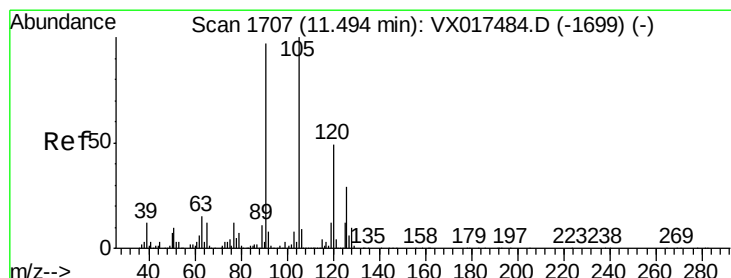
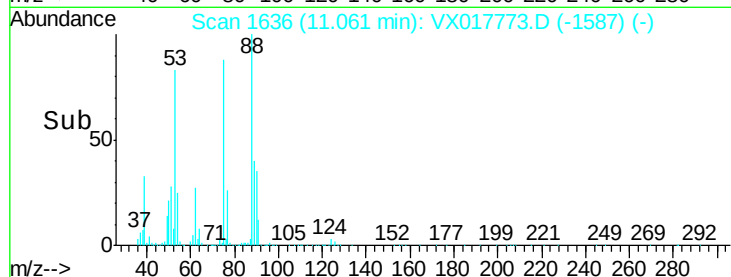
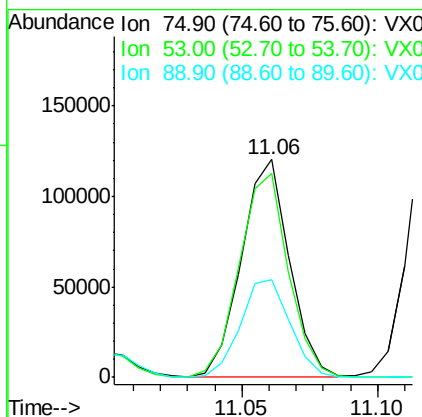
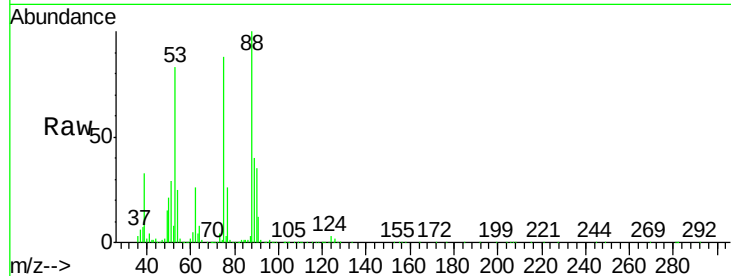
#81
trans-1,4-Dichloro-2-butene
Concen: 46.275 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.9	75.9	113.9
89	47.1	37.8	56.6

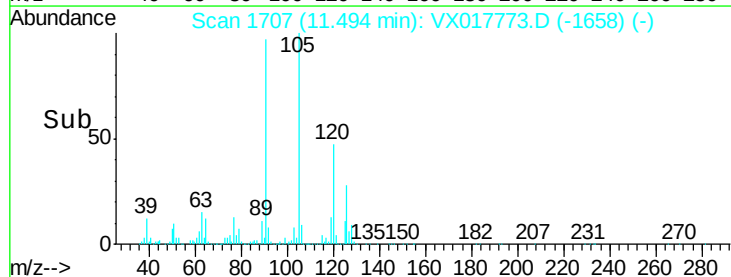
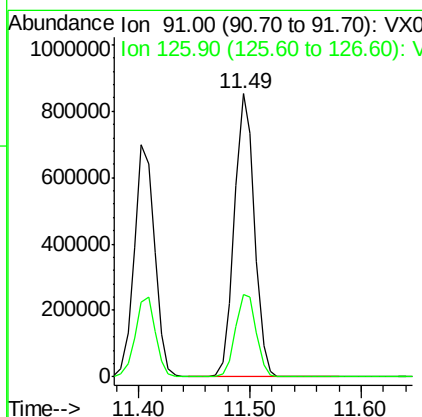
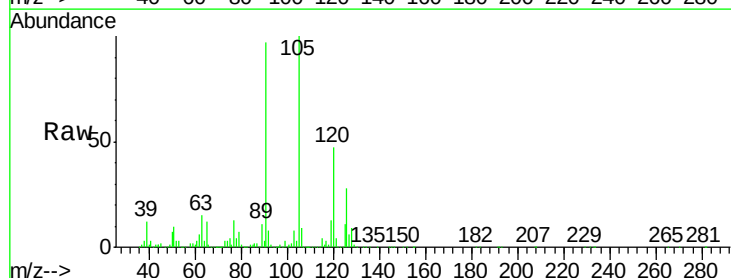
Manual Integrations
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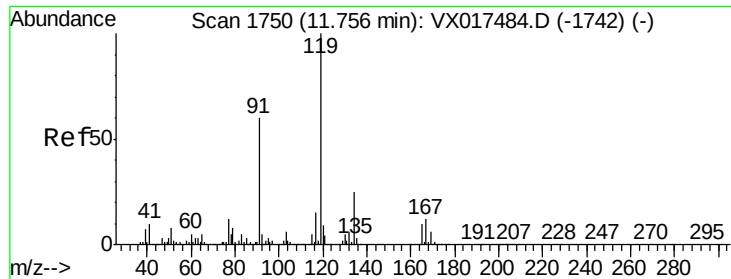
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.584 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





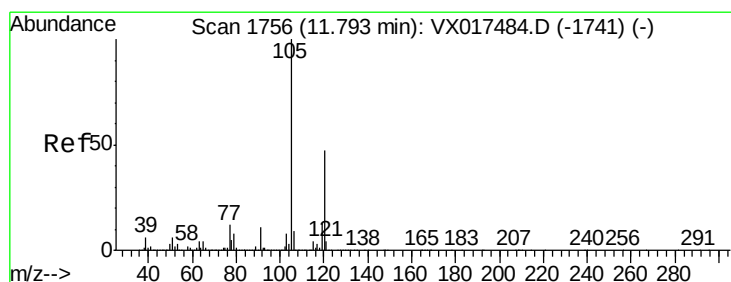
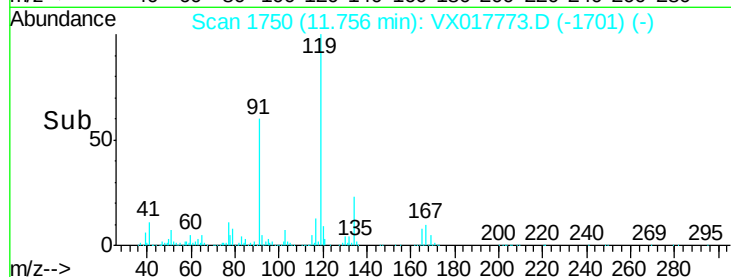
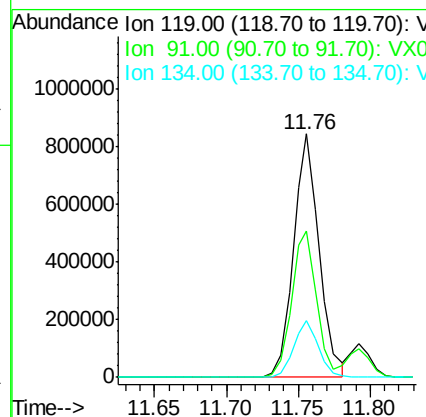
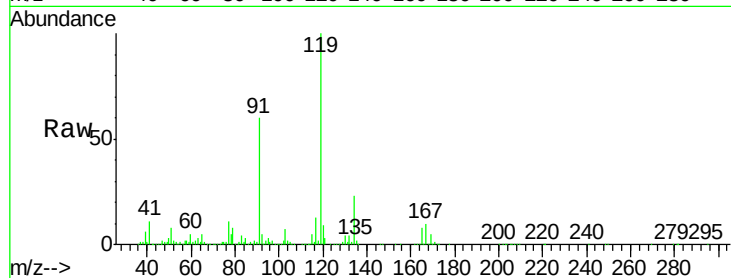
#83
 tert-Butylbenzene
 Concen: 48.556 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.3	88.0
134	22.4	11.2	33.6

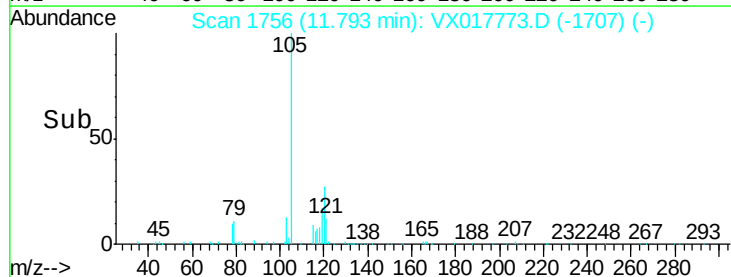
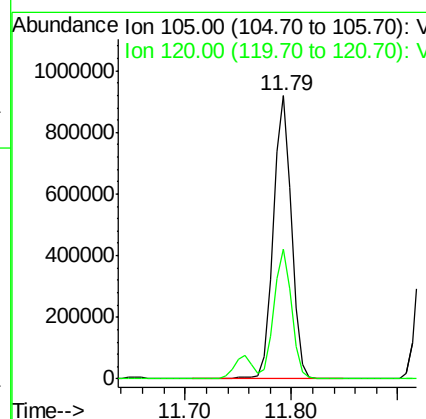
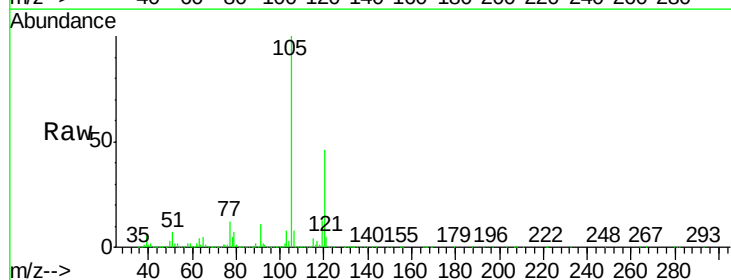
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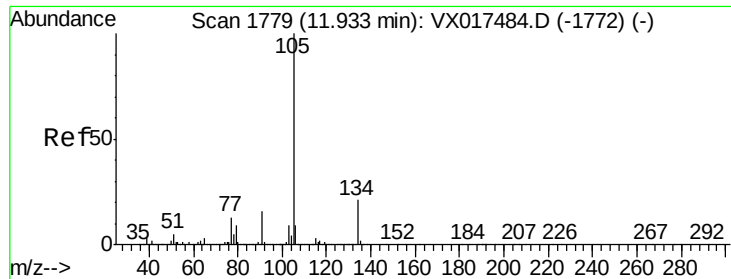
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.758 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.7	68.0





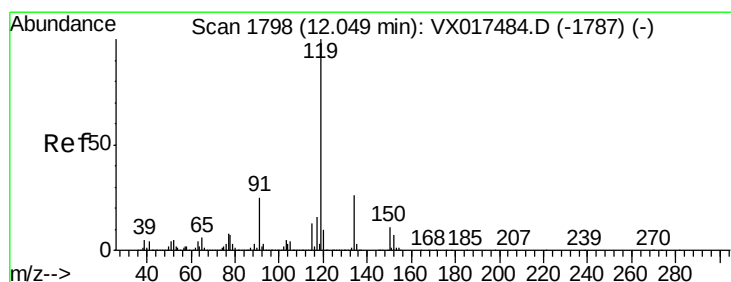
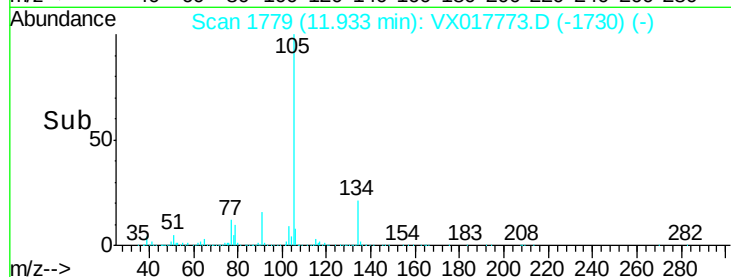
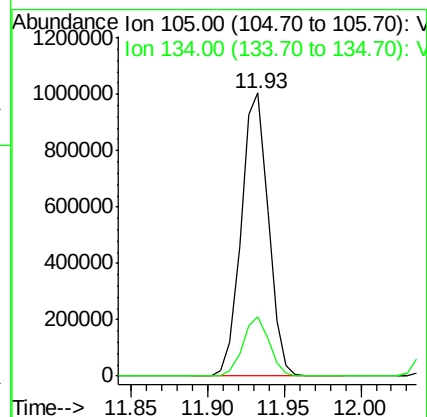
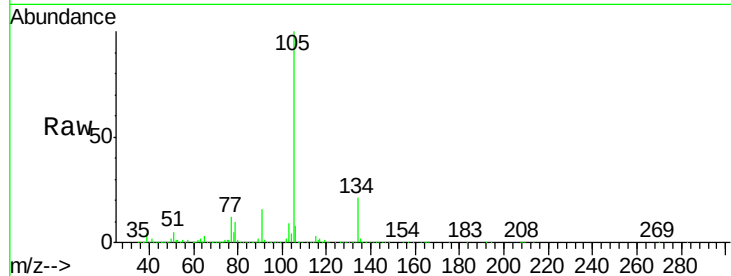
#85
 sec-Butylbenzene
 Concen: 48.765 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1227706
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

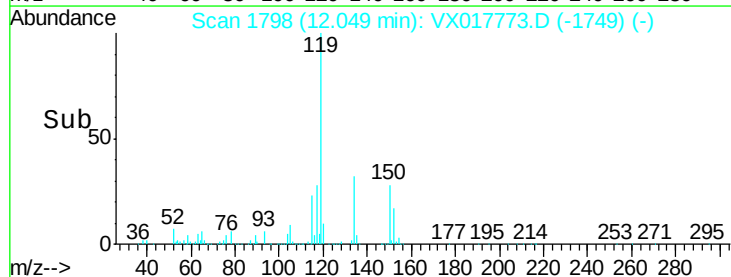
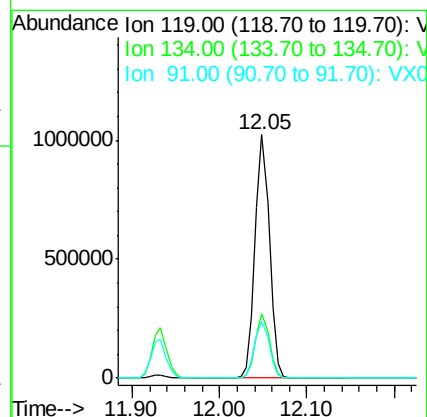
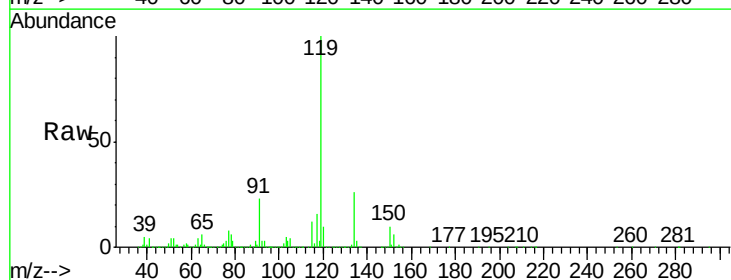
Manual Integrations
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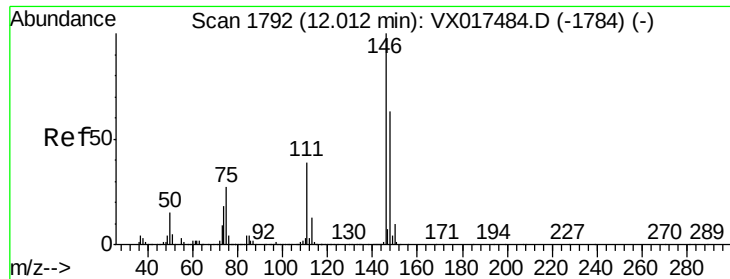
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#86
 p-Isopropyltoluene
 Concen: 48.250 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion:119 Resp: 1156815
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.9 12.1 36.3





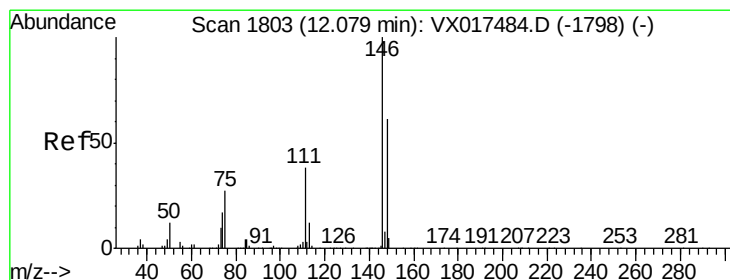
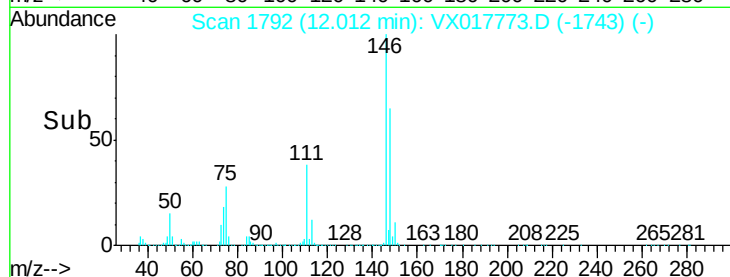
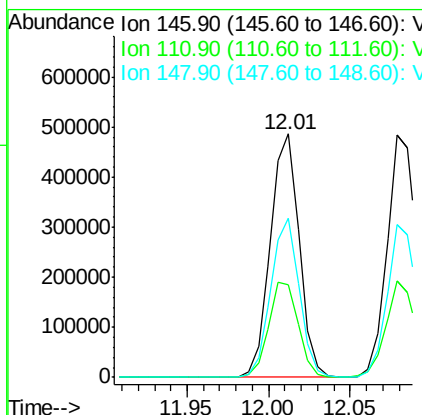
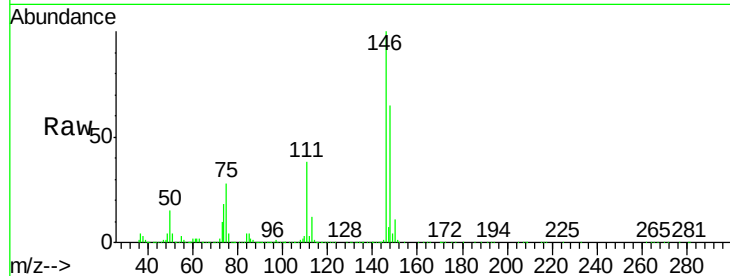
#87
 1,3-Dichlorobenzene
 Concen: 46.702 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	593928		
111	40.6	19.9	59.7	
148	64.2	31.6	95.0	

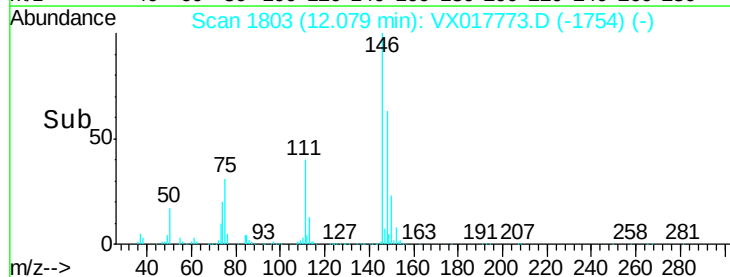
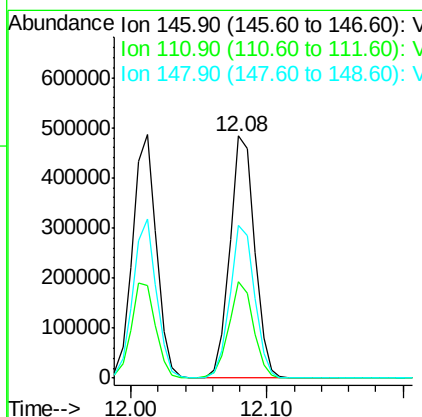
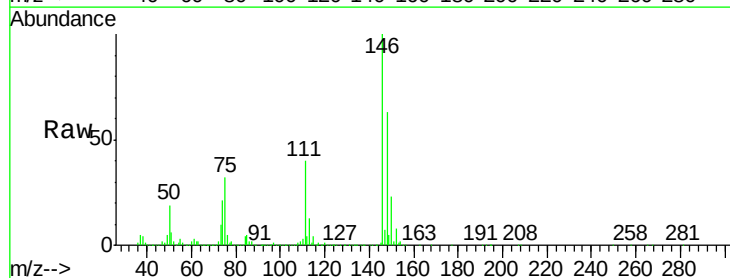
Manual Integrations
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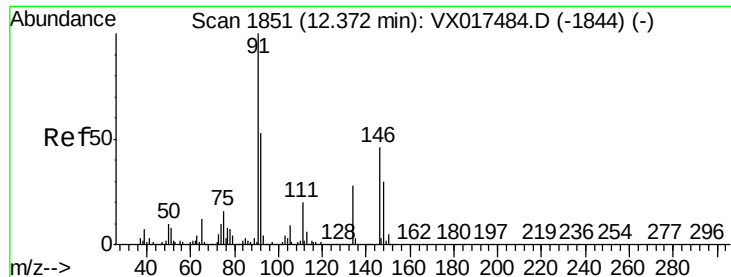
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#88
 1,4-Dichlorobenzene
 Concen: 46.464 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	612069		
111	39.7	19.3	57.8	
148	62.4	32.2	96.6	





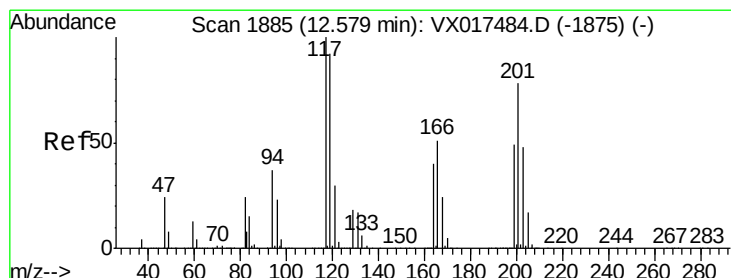
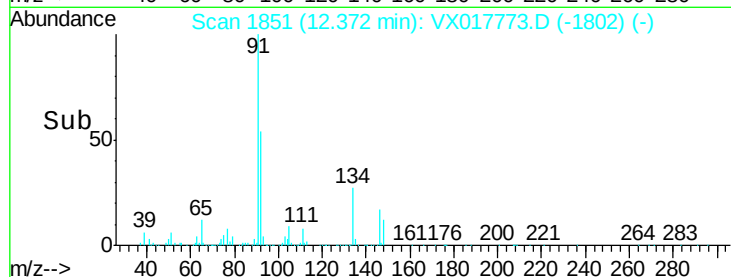
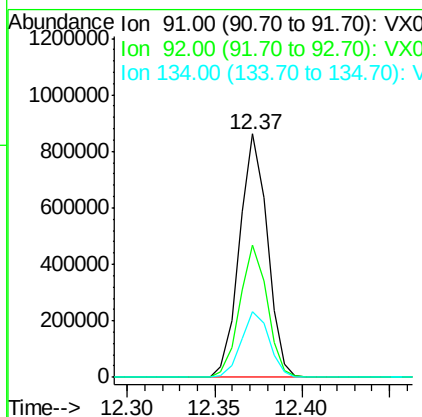
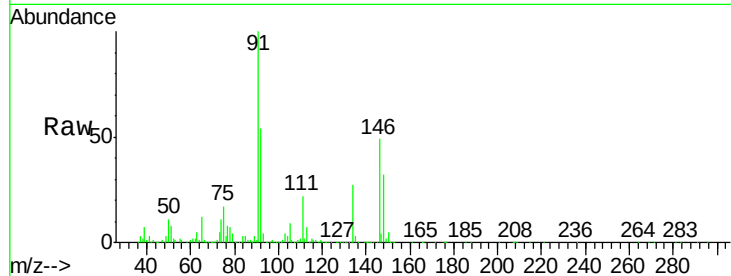
#89
n-Butylbenzene
Concen: 44.911 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.1
134	27.3	13.6	40.7

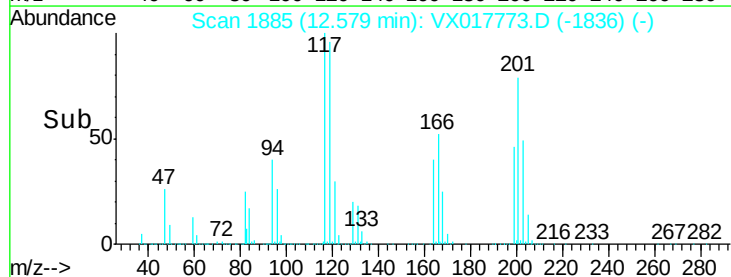
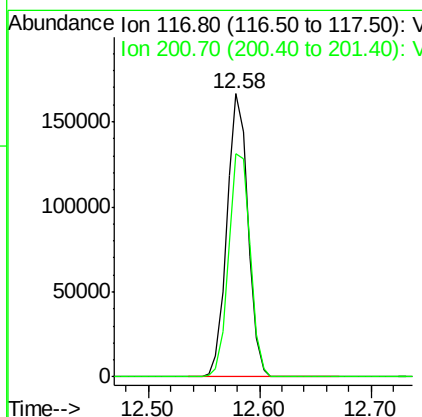
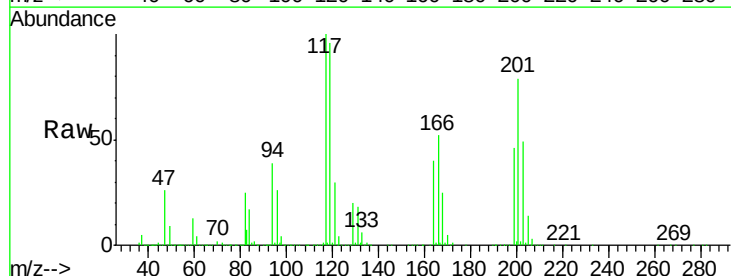
Manual Integrations
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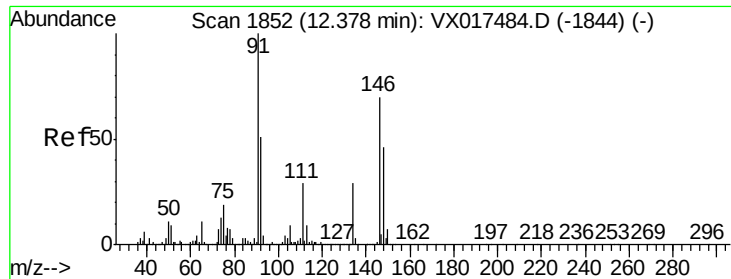
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#90
Hexachloroethane
Concen: 45.786 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	42.2	126.6





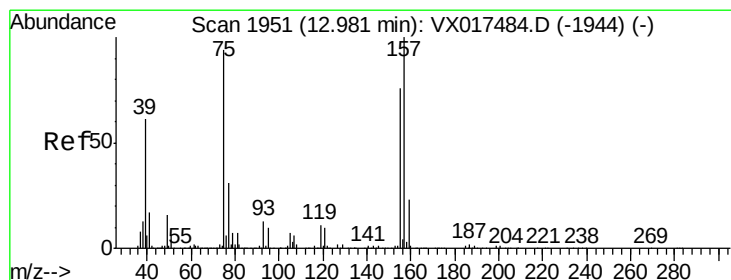
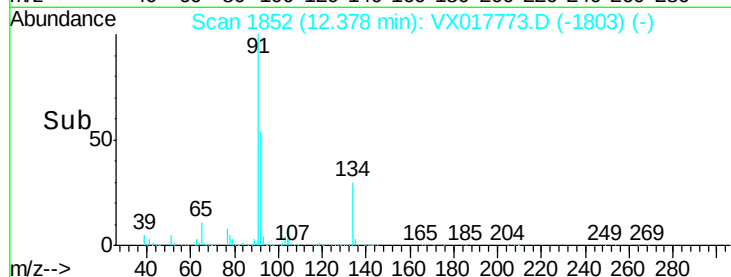
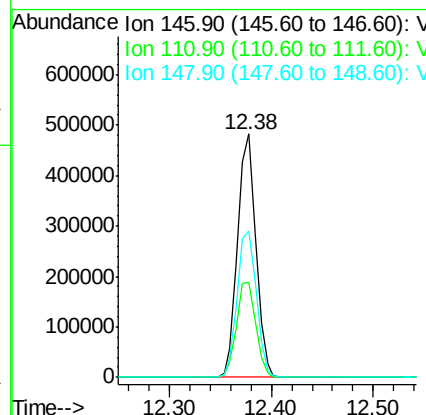
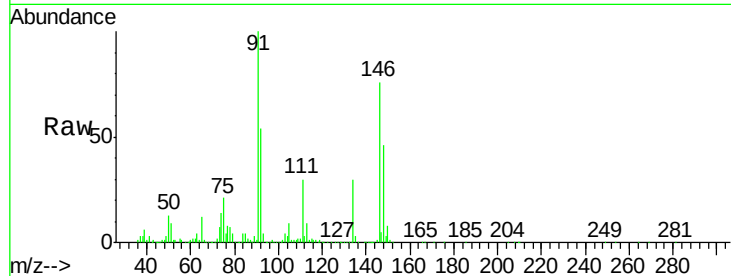
#91
1,2-Dichlorobenzene
Concen: 47.562 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	594480		
111	41.1	20.9	62.8	
148	63.4	32.8	98.4	

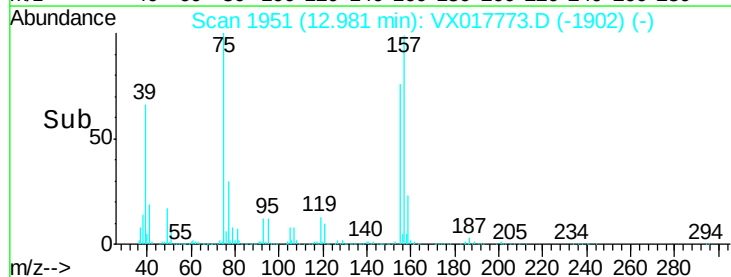
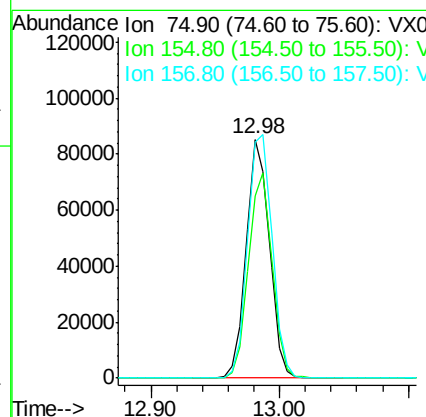
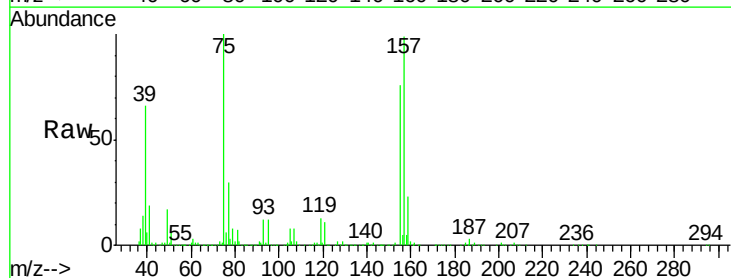
Manual Integrations
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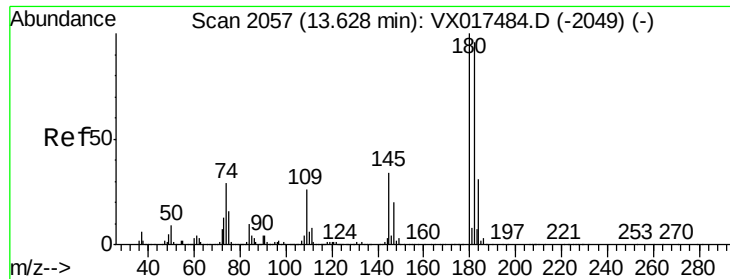
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#92
1,2-Dibromo-3-Chloropropane
Concen: 45.693 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017773.D
Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106152		
155	87.0	42.3	126.8	
157	107.7	54.3	162.9	





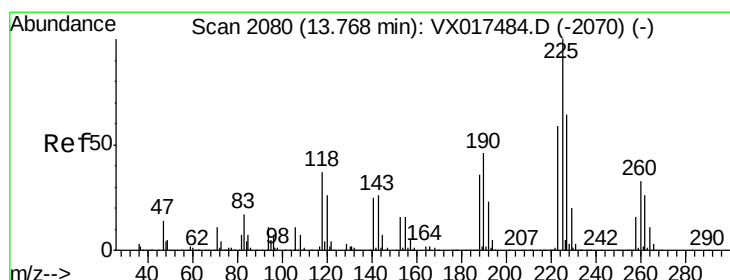
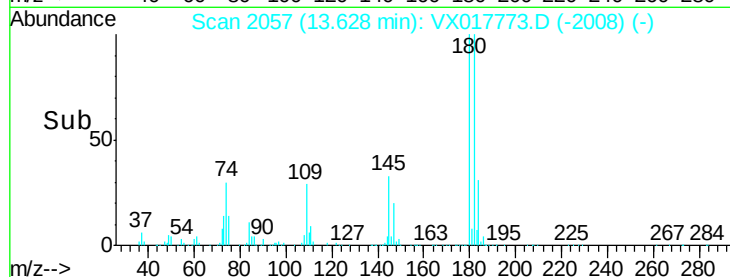
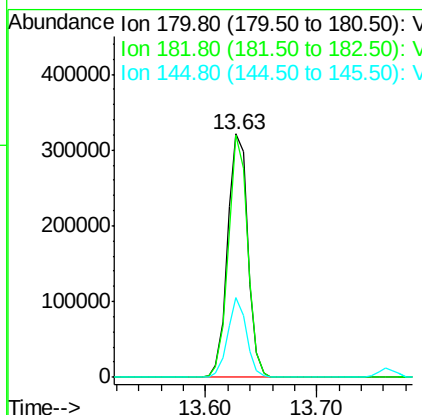
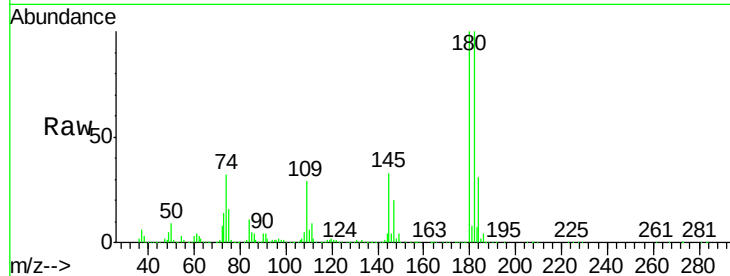
#93
 1,2,4-Trichlorobenzene
 Concen: 47.215 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	402771		
182	94.4	47.5	142.6	
145	30.6	15.4	46.4	

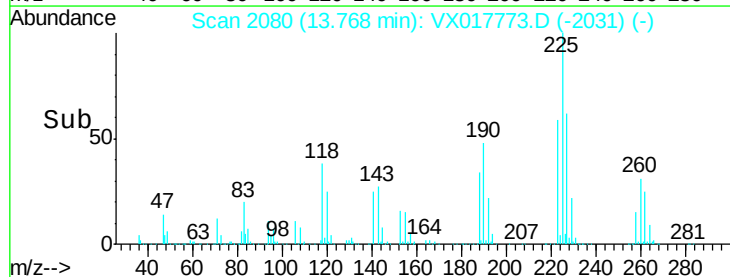
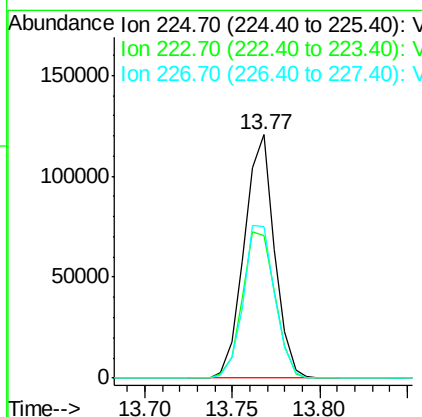
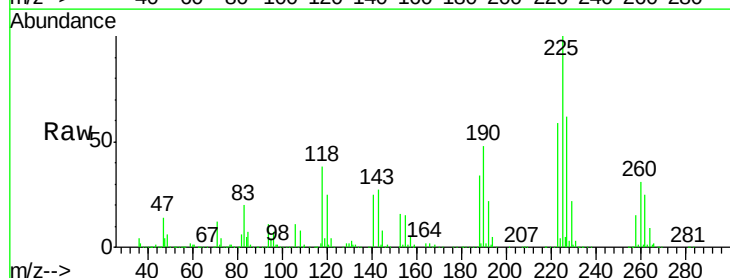
Manual Integrations
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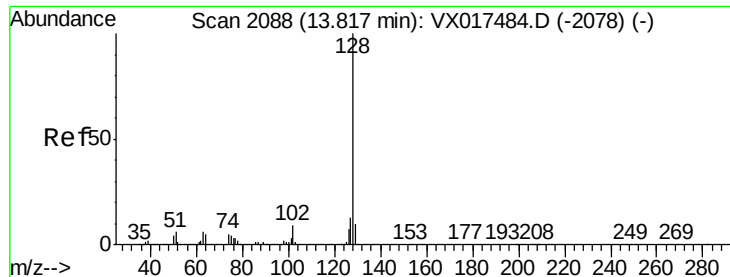
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#94
 Hexachlorobutadiene
 Concen: 36.801 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017773.D
 Acq: 04 Aug 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144506		
223	65.2	30.3	90.9	
227	65.3	31.1	93.2	





#95

Naphthalene

Concen: 51.099 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Instrument :

MSVOA_X

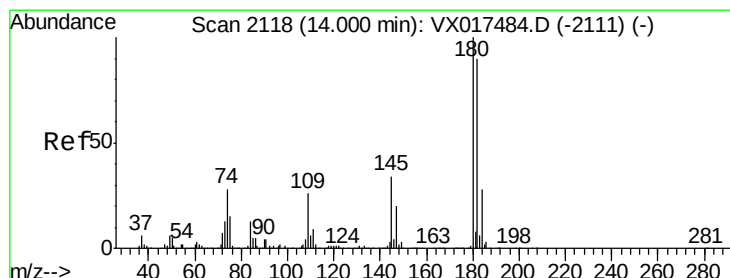
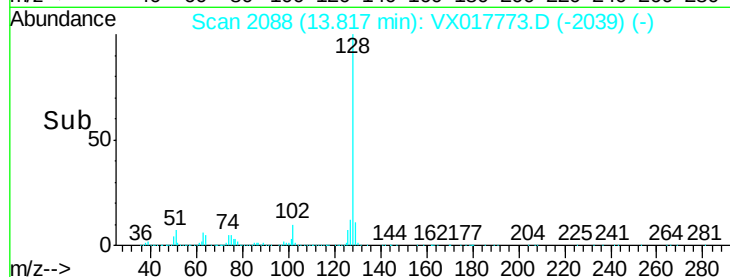
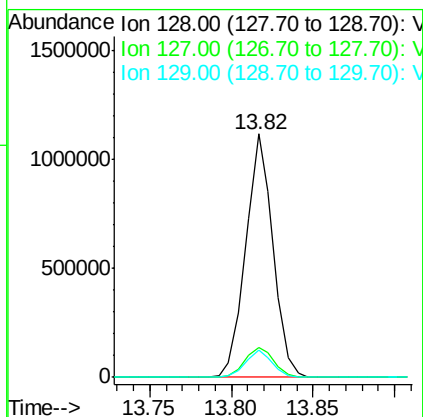
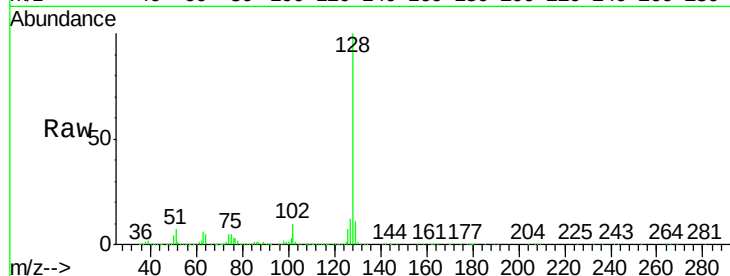
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	1301235
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.145 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017773.D

Acq: 04 Aug 2020 16:11

Tgt Ion:	180	Resp:	397096
Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.4	142.3
145	32.9	16.3	48.9

