

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017532.D
 Acq On : 24 Jul 2020 10:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:04:01 AM

Quant Time: Jul 25 02:13:24 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	633357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	941759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	897820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	490555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	371931	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	5.46	113	288712	45.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.70	98	1050143	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	11.12	95	430497	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	294698	50.155	ug/l	100
3) Chloromethane	1.31	50	322473	41.255	ug/l	100
4) Vinyl Chloride	1.39	62	322282	40.437	ug/l	98
5) Bromomethane	1.62	94	202328	47.051	ug/l	97
6) Chloroethane	1.70	64	197562	44.874	ug/l	99
7) Trichlorofluoromethane	1.91	101	522817	41.705	ug/l	100
8) Diethyl Ether	2.17	74	177972	43.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	280242	40.737	ug/l	99
10) Methyl Iodide	2.49	142	352239	40.023	ug/l	97
11) Tert butyl alcohol	3.01	59	381805	222.669	ug/l	100
12) 1,1-Dichloroethene	2.36	96	268373	41.024	ug/l	98
13) Acrolein	2.27	56	279387	214.020	ug/l	99
14) Allyl chloride	2.70	41	519272	43.471	ug/l	98
15) Acrylonitrile	3.11	53	828237	223.636	ug/l	99
16) Acetone	2.42	43	744160	207.818	ug/l	96
17) Carbon Disulfide	2.55	76	817952	41.136	ug/l	98
18) Methyl Acetate	2.75	43	363587	43.113	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	999149	44.127	ug/l	98
20) Methylene Chloride	2.83	84	317461	46.996	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	309137	44.111	ug/l	98
22) Diisopropyl ether	3.82	45	1012693	46.365	ug/l	96
23) Vinyl Acetate	3.78	43	4583334	235.351	ug/l	100
24) 1,1-Dichloroethane	3.67	63	560343	44.535	ug/l	99
25) 2-Butanone	4.64	43	1177832	231.540	ug/l	97
26) 2,2-Dichloropropane	4.55	77	535704	47.565	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	345886	45.439	ug/l	99
28) Bromochloromethane	4.98	49	255412	44.796	ug/l	99
29) Tetrahydrofuran	5.09	42	751891	238.621	ug/l	99
30) Chloroform	5.17	83	590003	45.893	ug/l	98
31) Cyclohexane	5.54	56	471823	47.025	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	555831	45.849	ug/l	98
36) 1,1-Dichloropropene	5.76	75	437170	48.401	ug/l	100
37) Ethyl Acetate	4.79	43	462624	46.811	ug/l	99
38) Carbon Tetrachloride	5.75	117	506466	46.175	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	504278	47.826	ug/l	99
40) Benzene	6.11	78	1233007	47.615	ug/l	99
41) Methacrylonitrile	5.00	41	257807	45.511	ug/l	99
42) 1,2-Dichloroethane	6.16	62	502989	47.479	ug/l	99
43) Isopropyl Acetate	6.41	43	767845	47.090	ug/l	100
44) Trichloroethene	7.19	130	371228	49.054	ug/l	100
45) 1,2-Dichloropropane	7.49	63	331770	46.217	ug/l	100
46) Dibromomethane	7.63	93	233132	45.954	ug/l	98
47) Bromodichloromethane	7.87	83	487763	47.783	ug/l	98
48) Methyl methacrylate	7.74	41	386670	47.839	ug/l	100
49) 1,4-Dioxane	7.71	88	163846	1057.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2366382	243.226	ug/l	99
52) Toluene	8.76	92	794335	47.831	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	543456	47.559	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	565847	48.548	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	329896	47.686	ug/l	99
56) Ethyl methacrylate	9.16	69	517318	49.634	ug/l	99
57) 1,3-Dichloropropane	9.35	76	547649	48.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1316299	239.713	ug/l	100
59) 2-Hexanone	9.47	43	1846517	252.086	ug/l	100
60) Dibromochloromethane	9.57	129	417511	47.482	ug/l	100
61) 1,2-Dibromoethane	9.65	107	359208	48.770	ug/l	98
64) Tetrachloroethene	9.32	164	375788	46.634	ug/l	97
65) Chlorobenzene	10.12	112	898322	46.225	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	362729	46.248	ug/l	98
67) Ethyl Benzene	10.23	91	1573254	48.498	ug/l	97
68) m/p-Xylenes	10.34	106	1205806	95.950	ug/l	98
69) o-Xylene	10.68	106	575767	47.636	ug/l	100
70) Styrene	10.70	104	1021151	49.656	ug/l	98
71) Bromoform	10.84	173	326316	48.022	ug/l #	99
73) Isopropylbenzene	11.00	105	1590080	47.249	ug/l	99
74) N-amyl acetate	10.88	43	715294	47.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	473533	45.080	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	473309m	46.904	ug/l	
77) Bromobenzene	11.24	156	430010	45.643	ug/l	99
78) n-propylbenzene	11.34	91	1818147	47.902	ug/l	99
79) 2-Chlorotoluene	11.40	91	1101984	46.870	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1393223	48.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	188179	46.990	ug/l	98
82) 4-Chlorotoluene	11.49	91	1310266	47.243	ug/l	100
83) tert-Butylbenzene	11.76	119	1340318	48.750	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1414737	49.503	ug/l	99
85) sec-Butylbenzene	11.93	105	1560088	48.710	ug/l	100
86) p-Isopropyltoluene	12.05	119	1510396	49.521	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	765937	47.343	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	771324	46.027	ug/l	99
89) n-Butylbenzene	12.37	91	1321107	48.610	ug/l	99
90) Hexachloroethane	12.58	117	271781	45.198	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	718724	45.201	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	122832	41.795	ug/l	100

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ClientSampleId :
VSTDCCC050

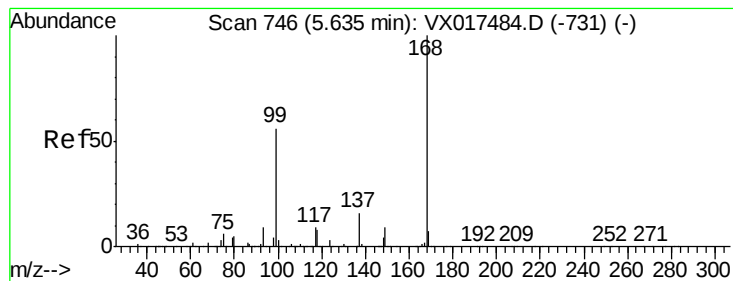
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	513733	47.340	ug/l	99
94) Hexachlorobutadiene	13.77	225	234419	46.927	ug/l	99
95) Naphthalene	13.82	128	1580544	48.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	500064	46.669	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: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 168 Resp: 633357

Ion Ratio Lower Upper

168 100

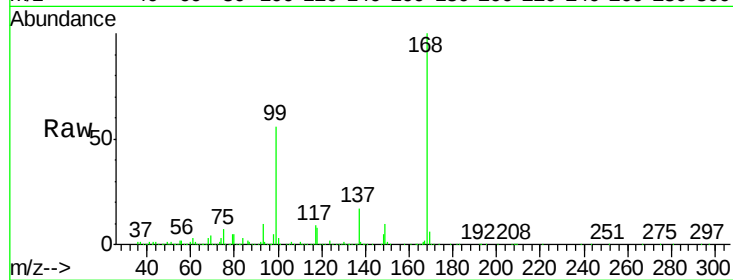
99 56.1 43.4 65.2

Manual Integrations

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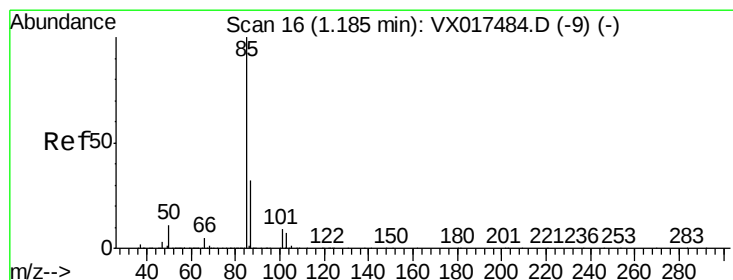
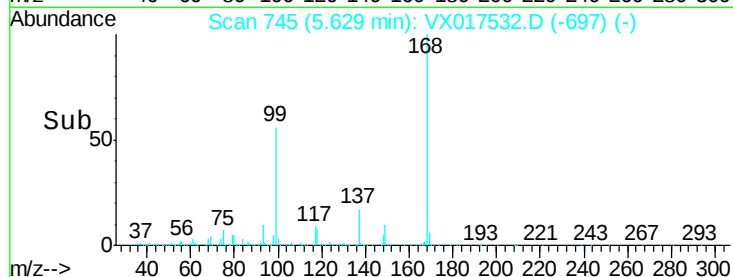
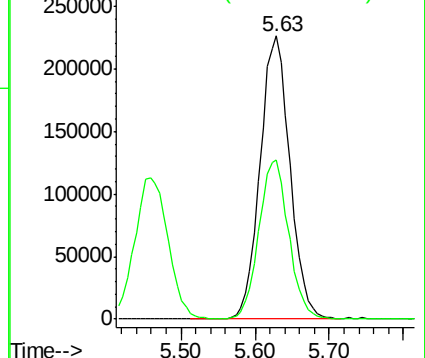
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.155 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017532.D

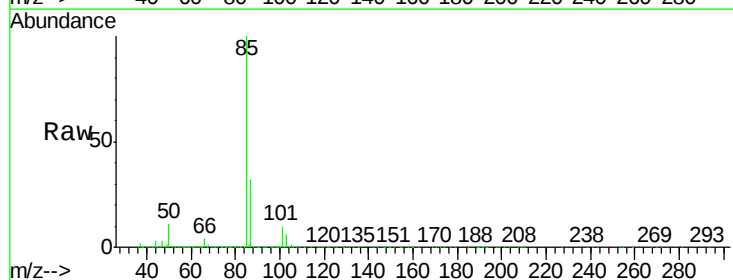
Acq: 24 Jul 2020 10:44

Tgt Ion: 85 Resp: 294698

Ion Ratio Lower Upper

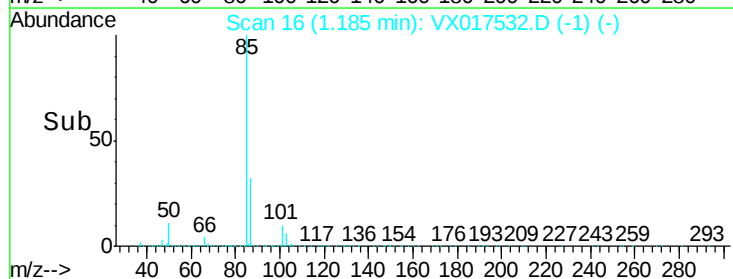
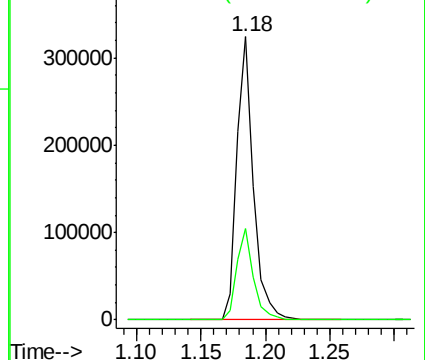
85 100

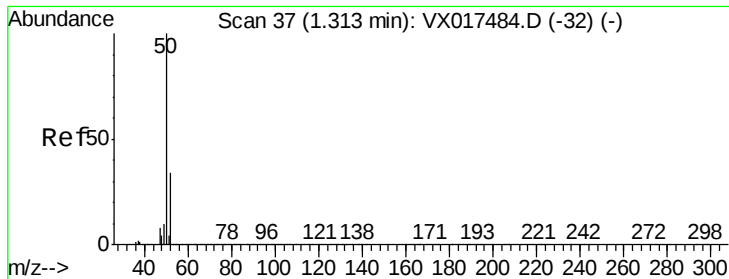
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





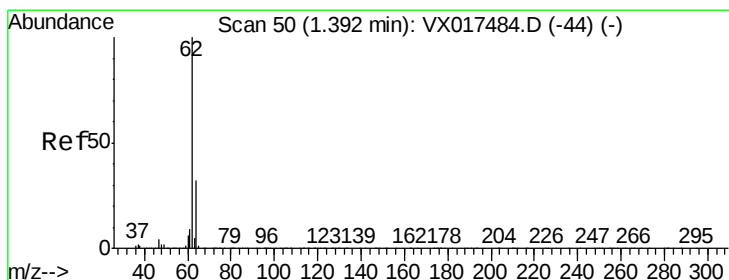
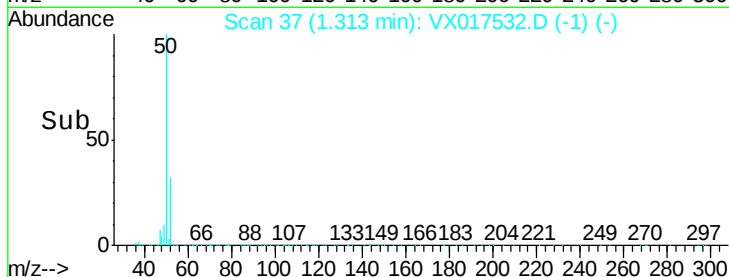
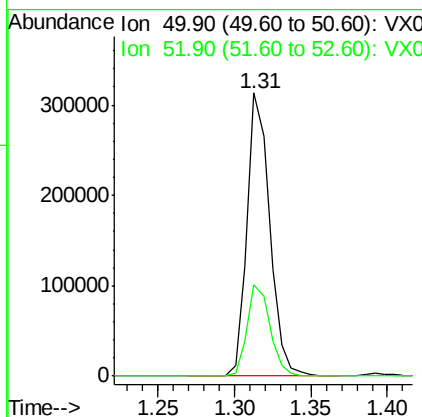
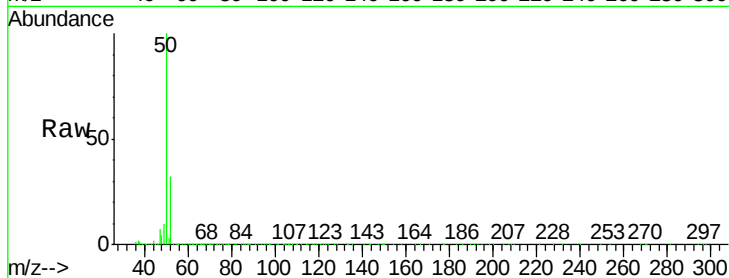
#3
Chloromethane
Concen: 41.255 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9

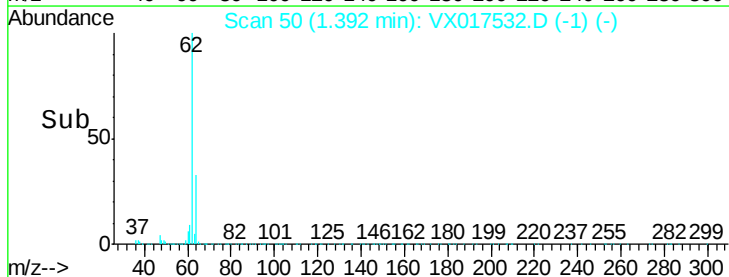
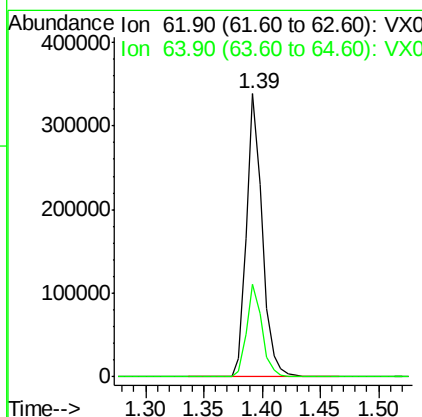
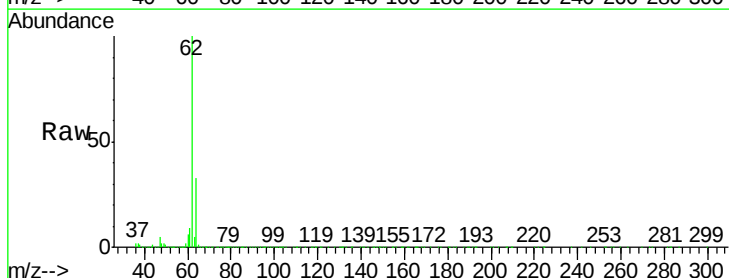
Manual Integrations
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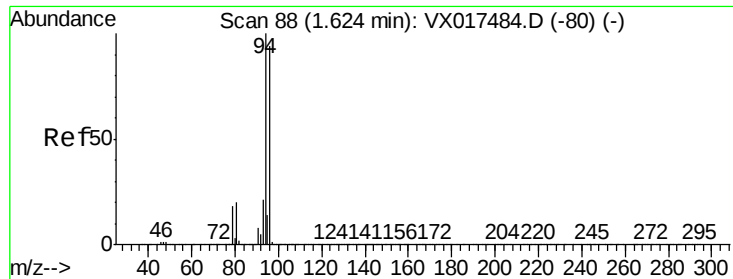
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#4
Vinyl Chloride
Concen: 40.437 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.2	37.8





#5

Bromomethane

Concen: 47.051 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 202328

Ion Ratio Lower Upper

94 100

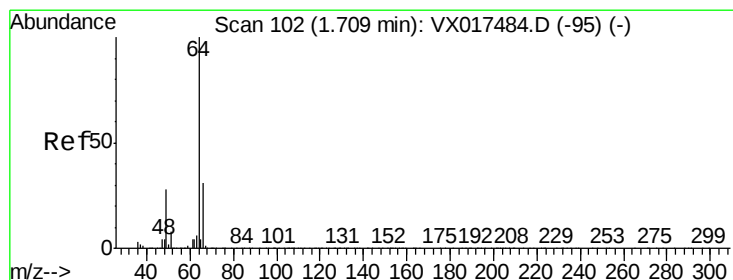
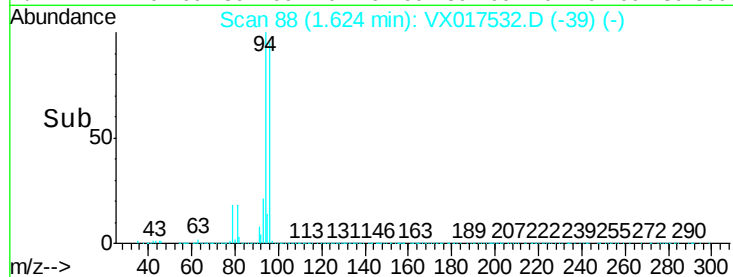
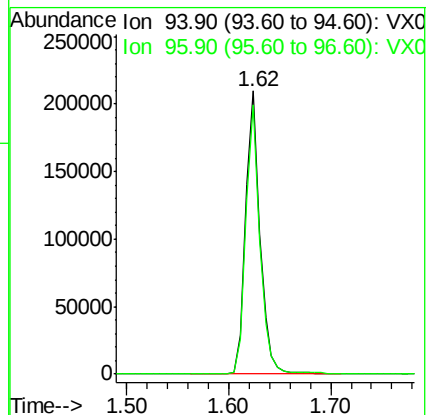
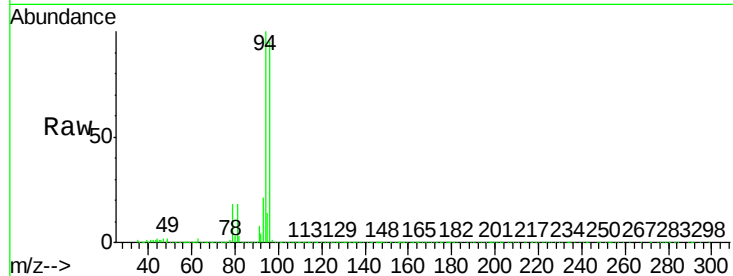
96 95.0 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 44.874 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017532.D

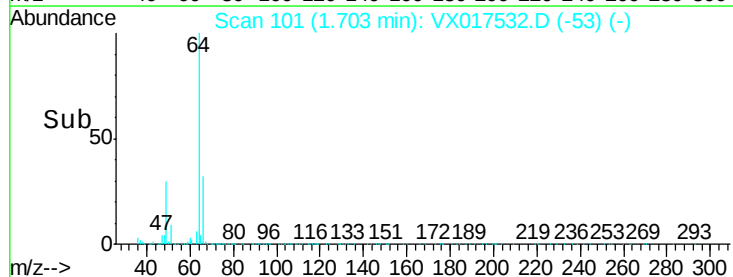
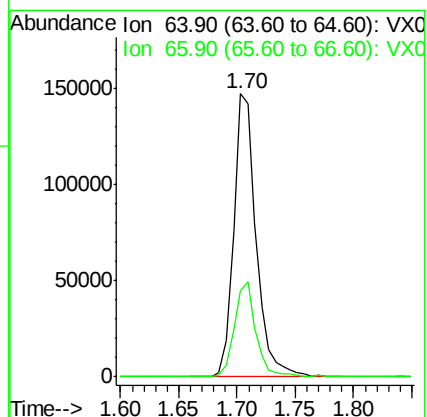
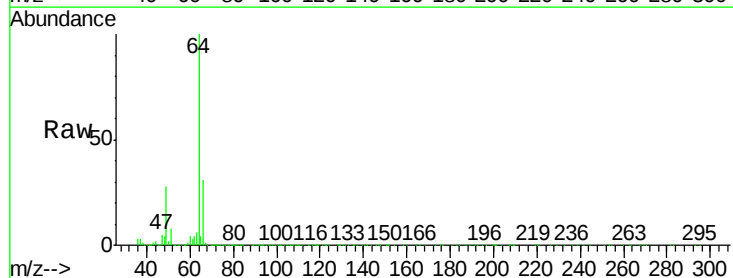
Acq: 24 Jul 2020 10:44

Tgt Ion: 64 Resp: 197562

Ion Ratio Lower Upper

64 100

66 30.3 24.9 37.3





#7

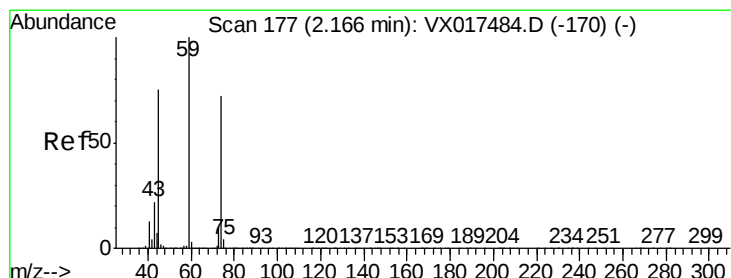
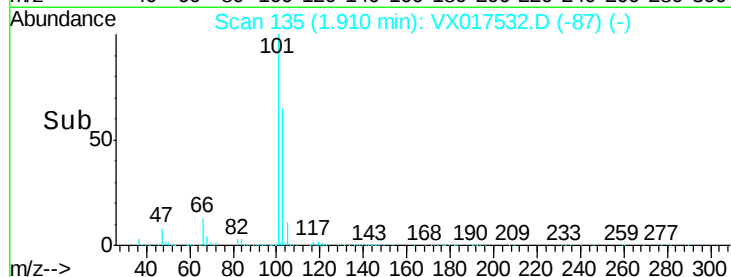
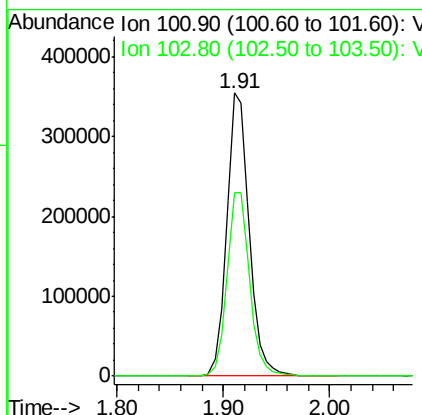
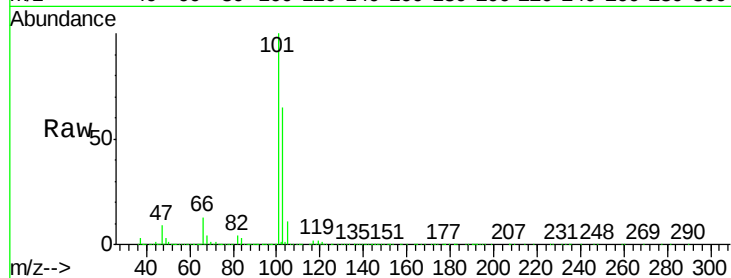
Trichlorofluoromethane
Concen: 41.705 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.8

Manual Integrations
APPROVED

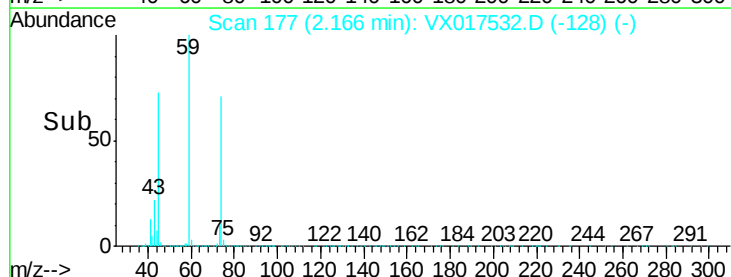
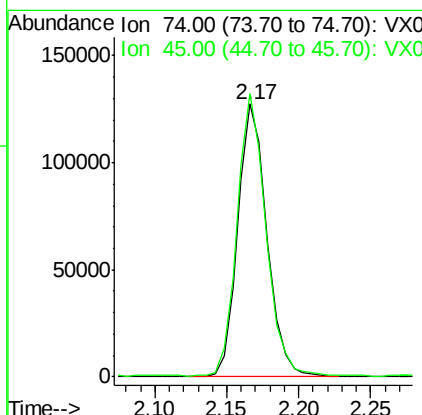
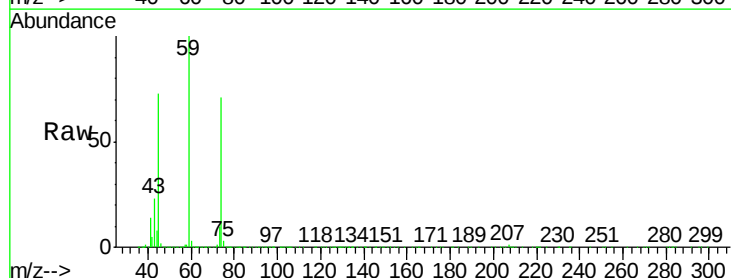
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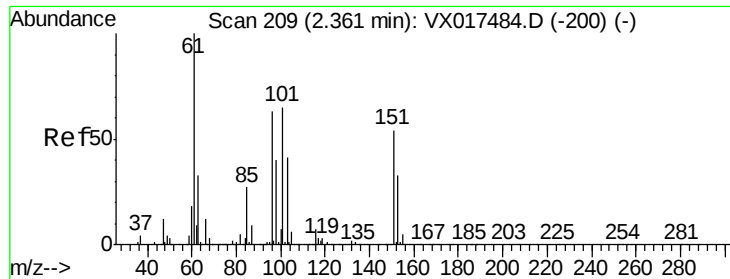


#8

Diethyl Ether
Concen: 43.616 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	50.8	152.5





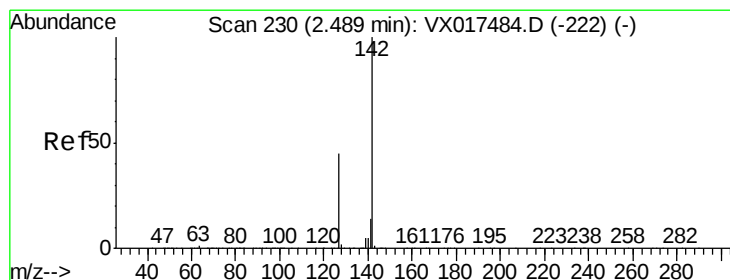
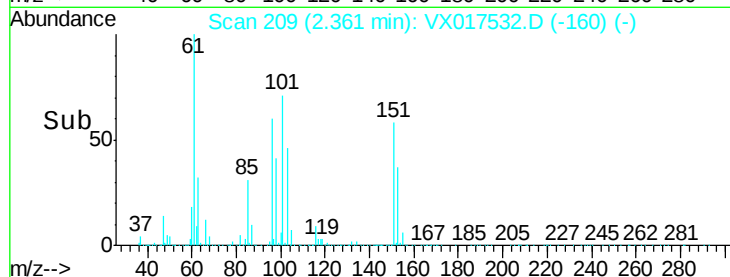
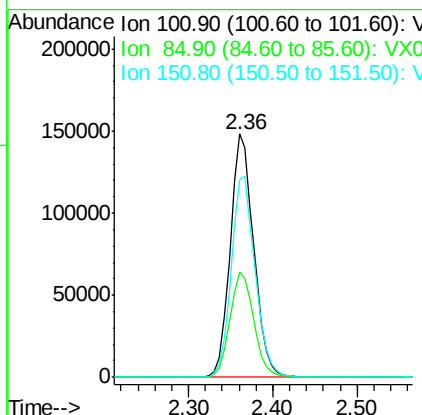
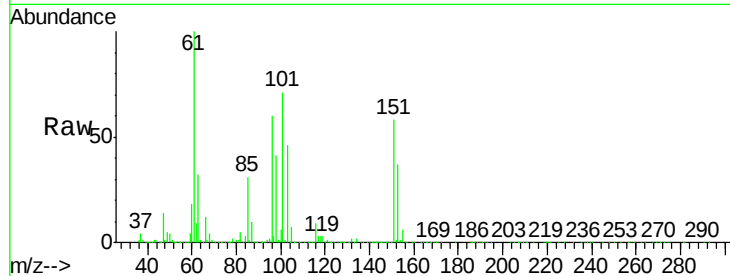
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.737 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	280242		
85	44.0	34.8	52.2	
151	83.6	68.0	102.0	

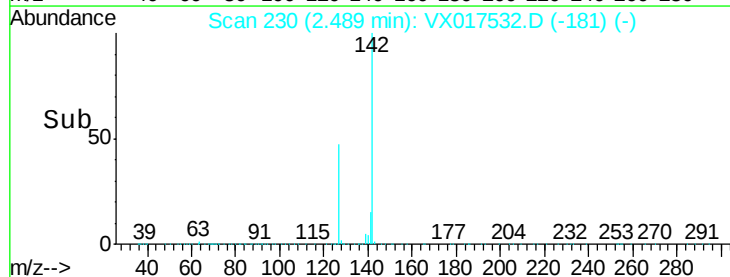
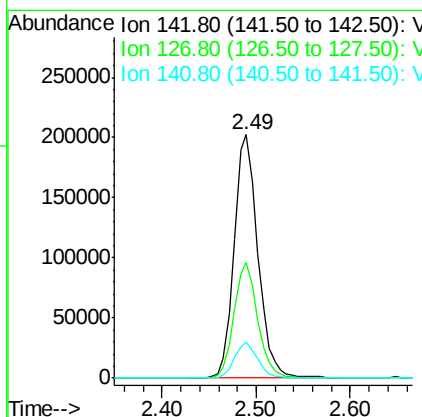
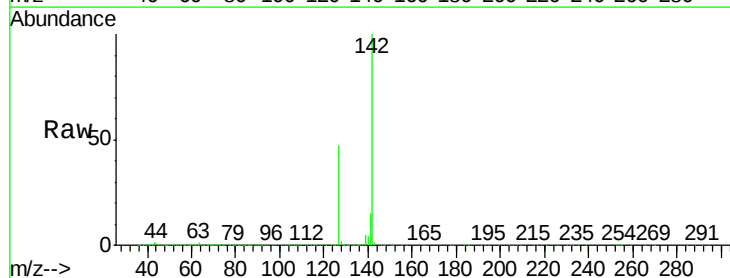
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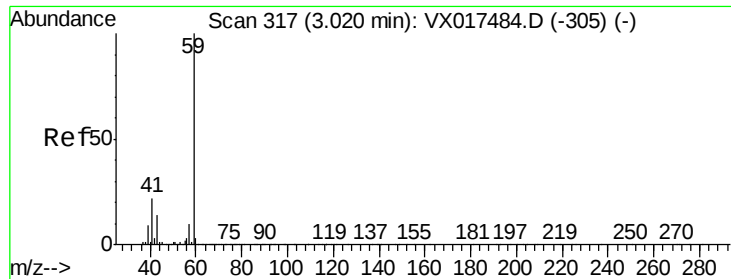
MMDadoda
7/27/2020 11:04:01 AM



#10
Methyl Iodide
Concen: 40.023 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	352239		
127	47.6	35.9	53.9	
141	14.6	11.4	17.0	





#11

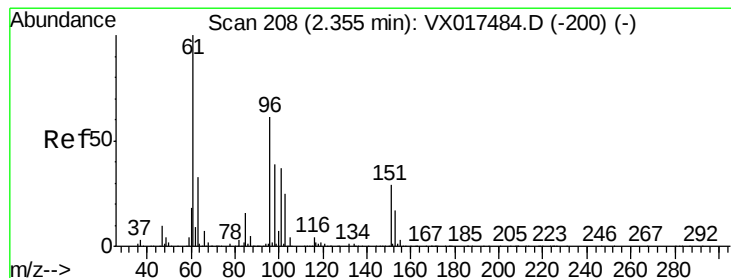
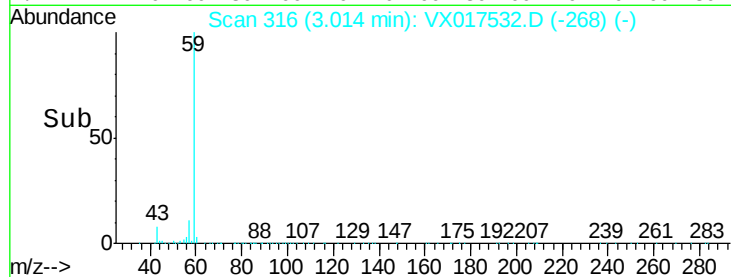
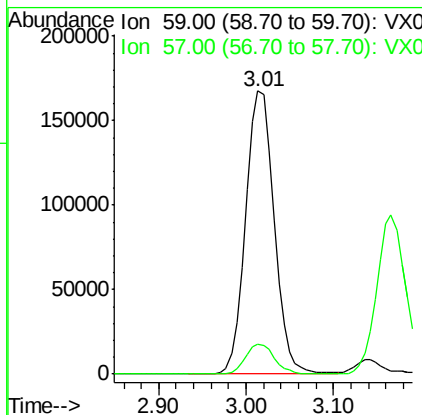
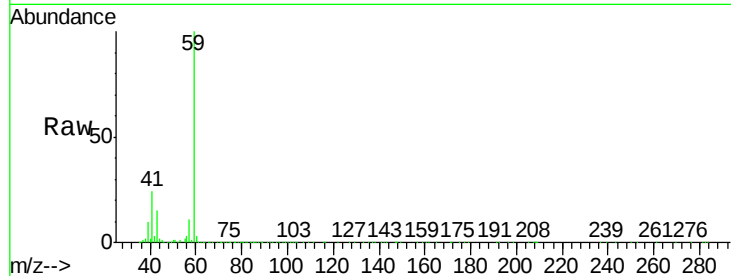
Tert butyl alcohol
Concen: 222.669 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

Manual Integrations
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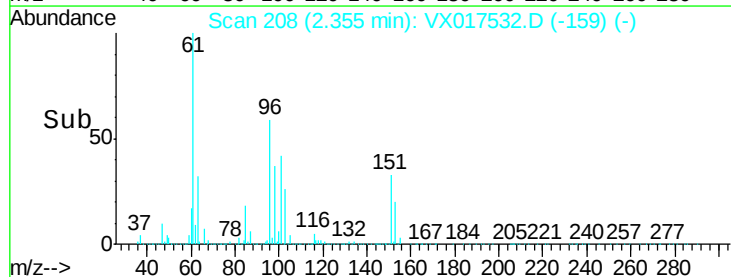
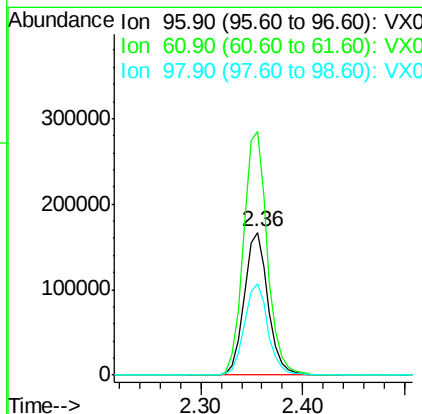
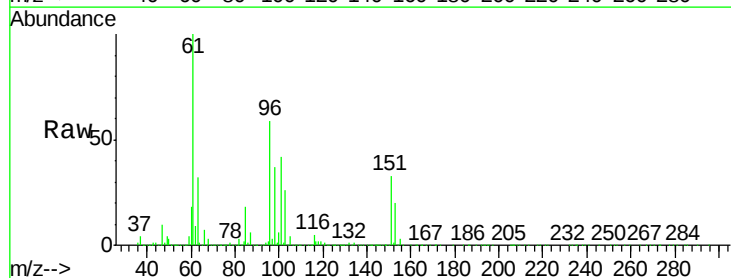
MMDadoda
7/27/2020 11:04:01 AM

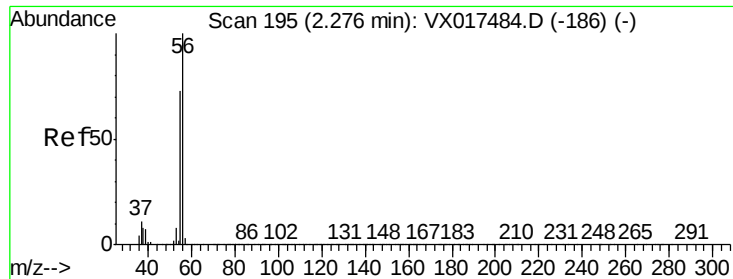


#12

1,1-Dichloroethene
Concen: 41.024 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	134.0	201.0
98	63.7	51.0	76.4





#13

Acrolein

Concen: 214.020 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 279387

Ion Ratio Lower Upper

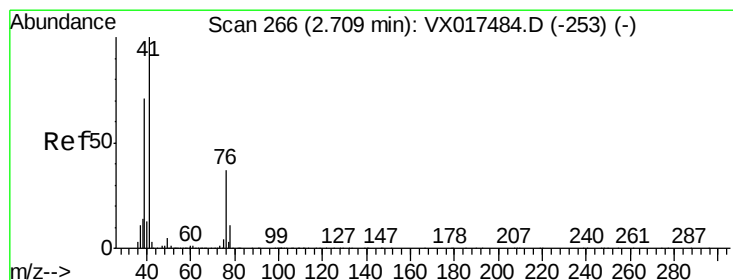
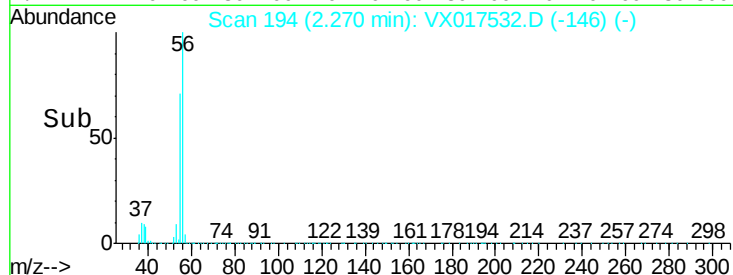
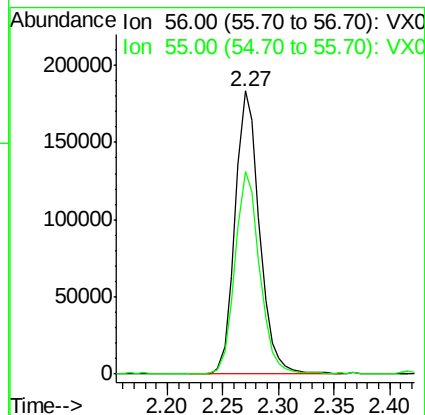
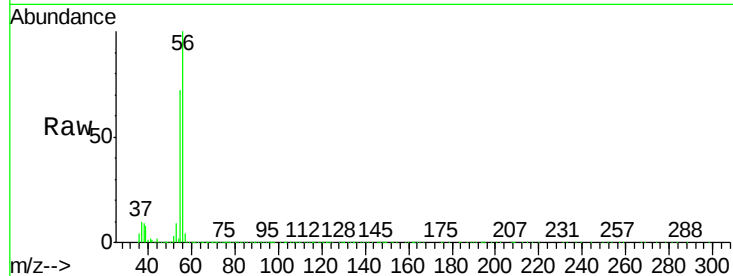
56 100

55 71.3 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 43.471 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

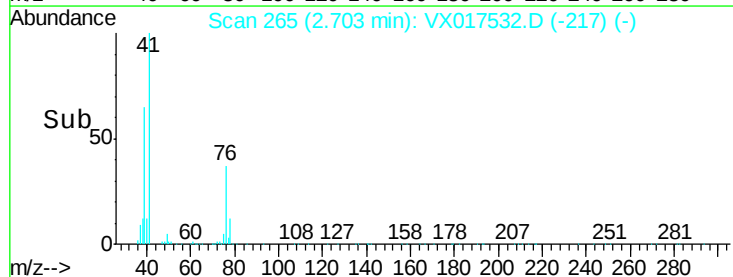
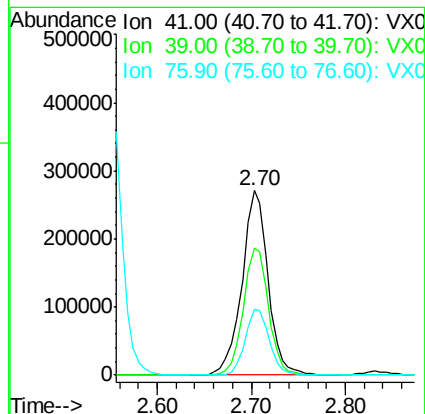
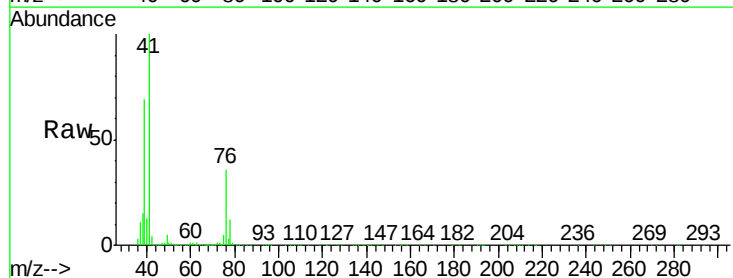
Tgt Ion: 41 Resp: 519272

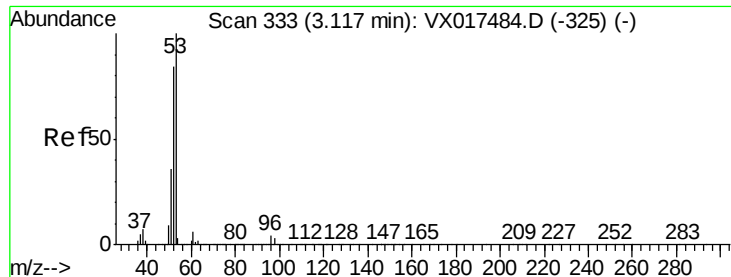
Ion Ratio Lower Upper

41 100

39 66.7 51.9 77.9

76 32.7 25.5 38.3





#15

Acrylonitrile

Concen: 223.636 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

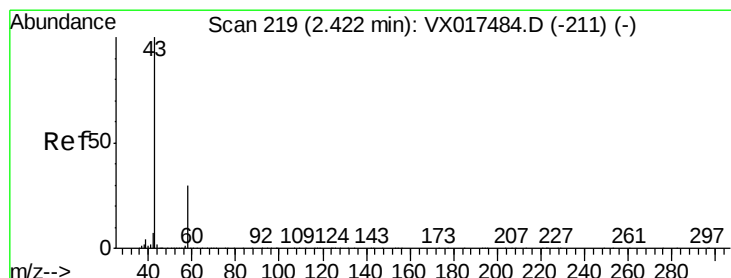
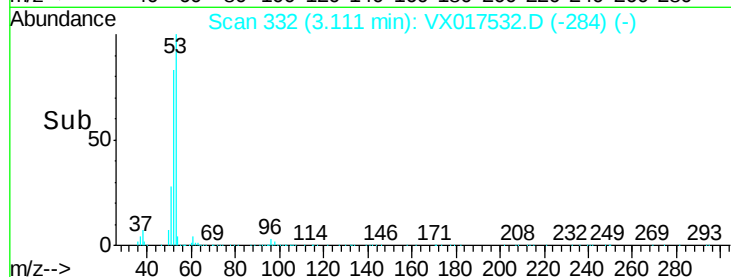
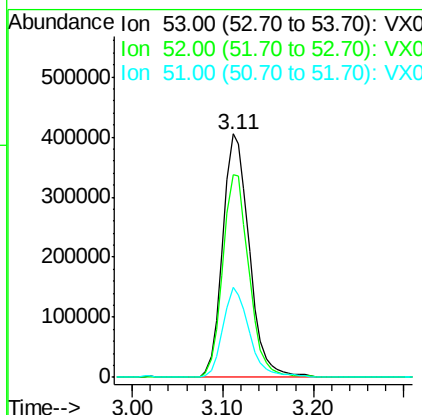
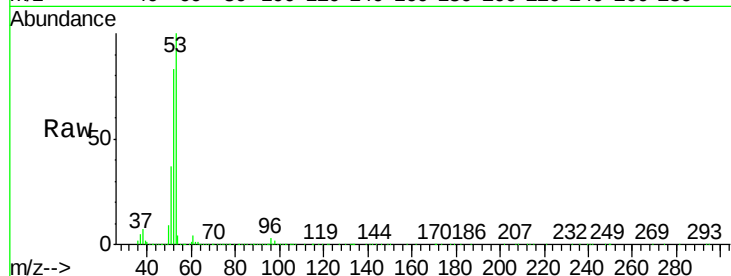
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	828237
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	36.4	29.4	44.2

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#16

Acetone

Concen: 207.818 ug/l

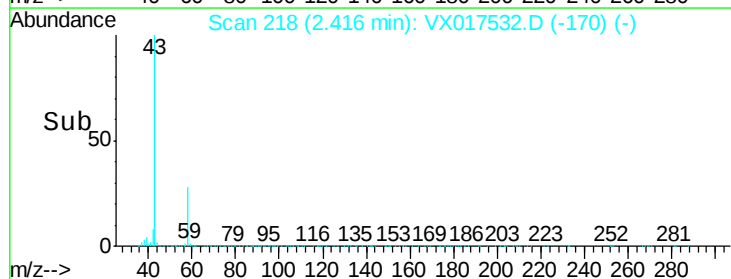
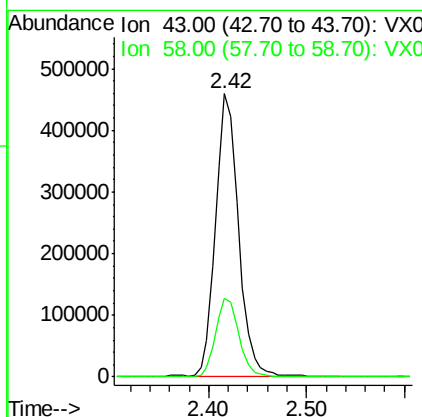
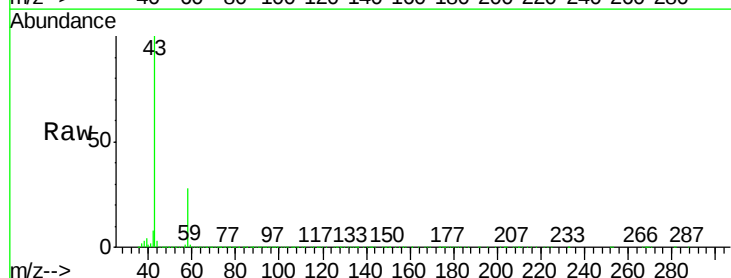
RT: 2.42 min Scan# 218

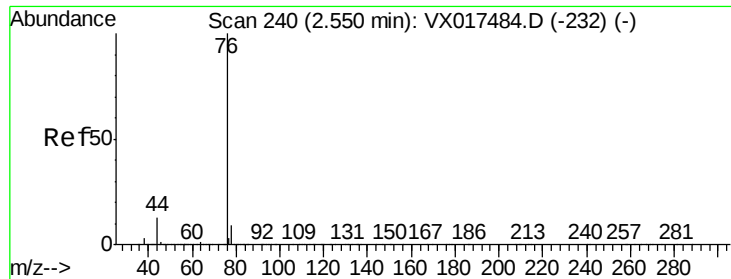
Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion:	43	Resp:	744160
Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.2	36.4





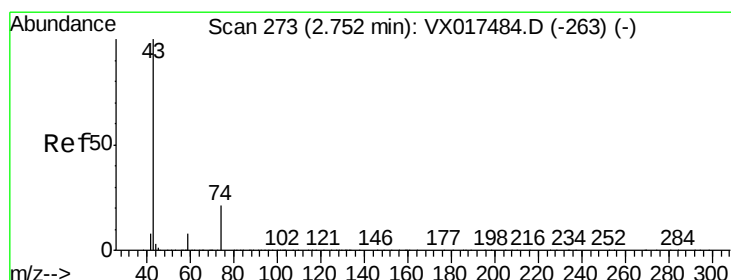
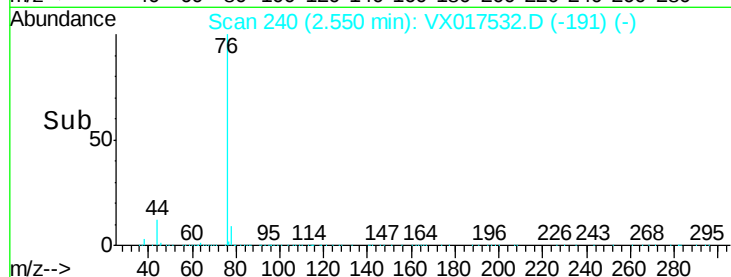
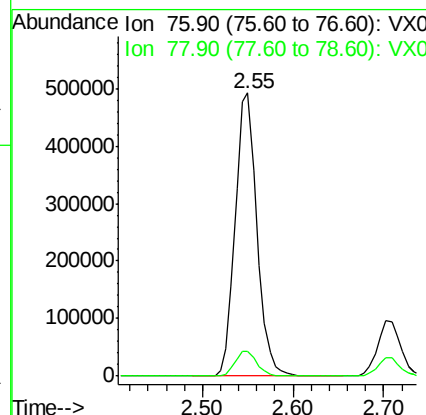
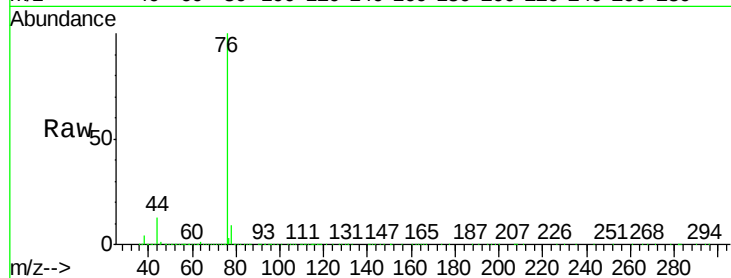
#17
Carbon Disulfide
Concen: 41.136 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

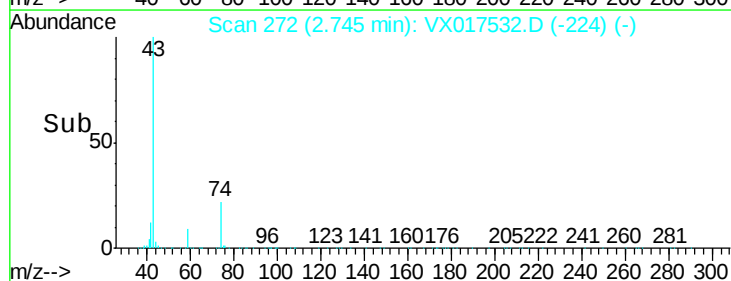
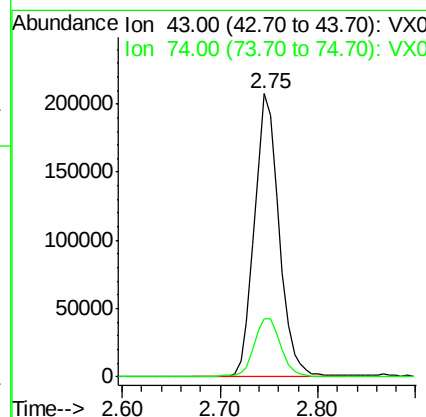
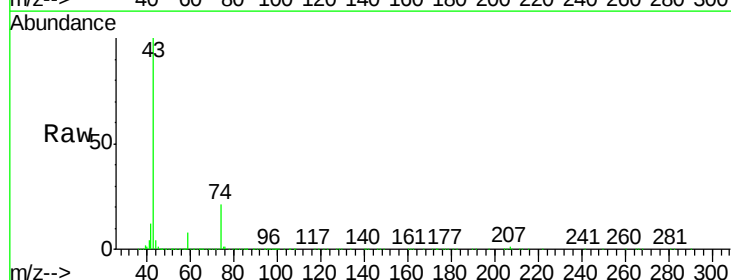
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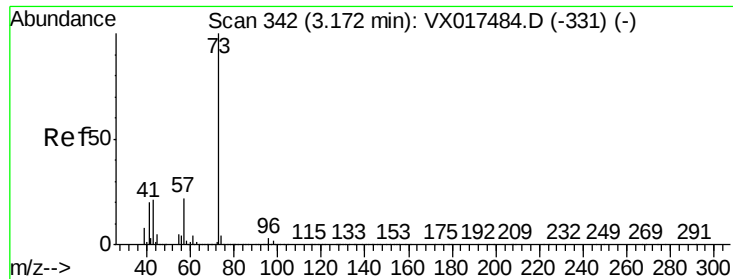
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#18
Methyl Acetate
Concen: 43.113 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3





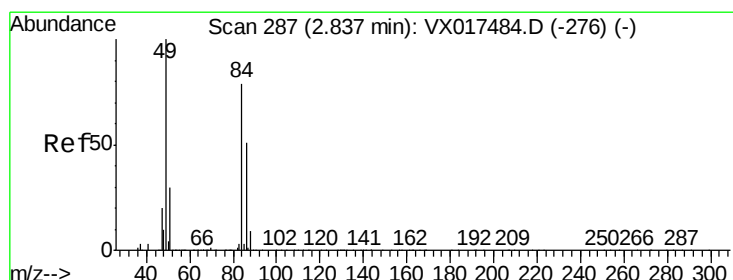
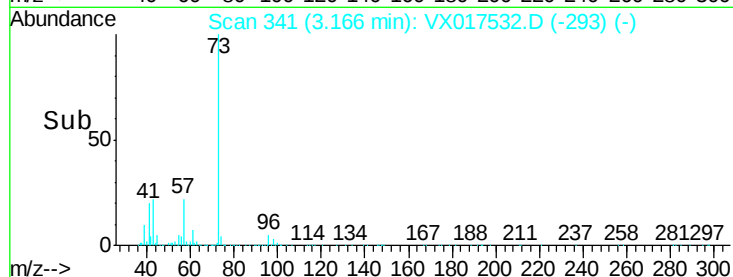
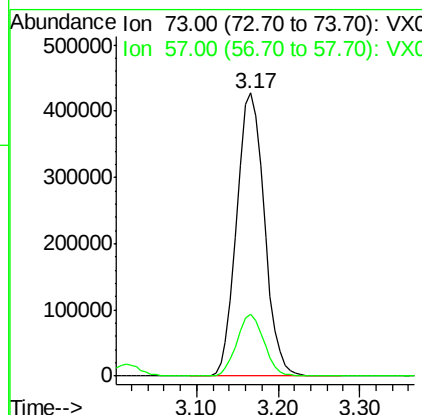
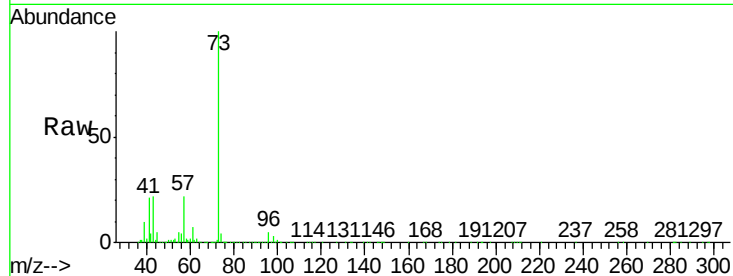
#19
Methyl tert-butyl Ether
Concen: 44.127 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 999149
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.4

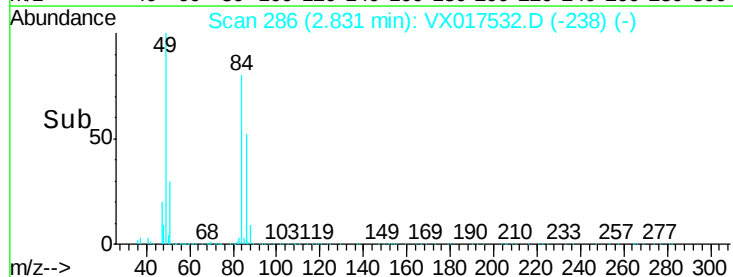
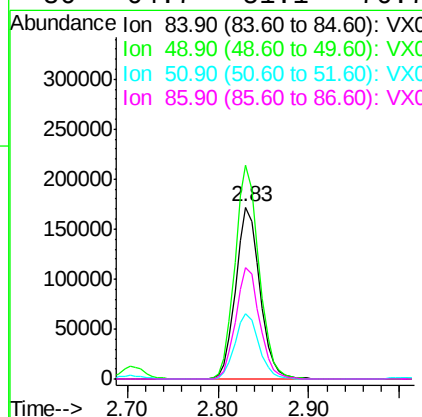
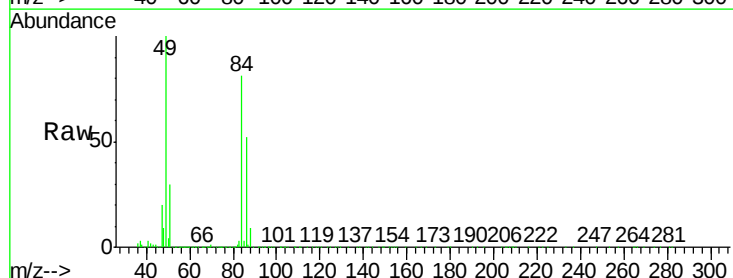
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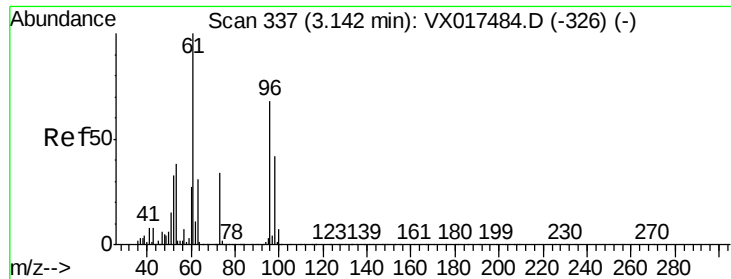
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#20
Methylene Chloride
Concen: 46.996 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 84 Resp: 317461
Ion Ratio Lower Upper
84 100
49 124.1 100.3 150.5
51 37.6 30.5 45.7
86 64.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.111 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 309137
Ion Ratio Lower Upper

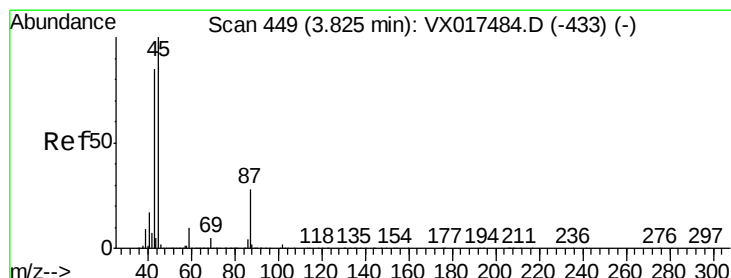
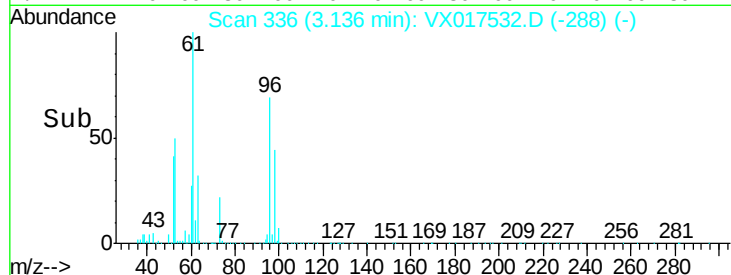
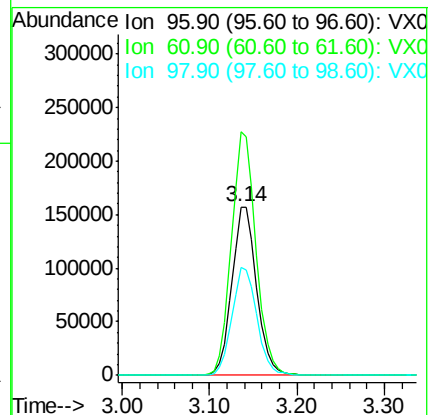
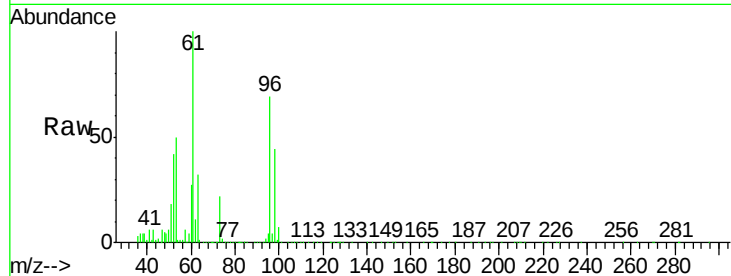
96 100

61 144.7 113.0 169.4

98 64.0 51.8 77.8

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#22

Diisopropyl ether

Concen: 46.365 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

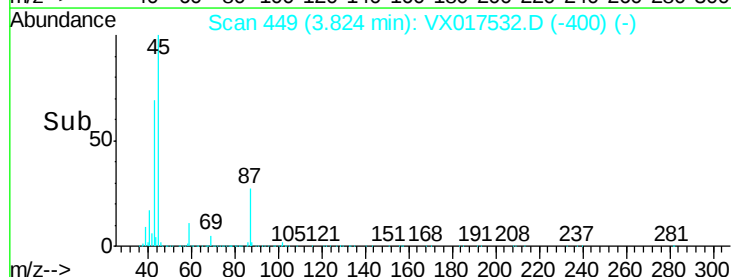
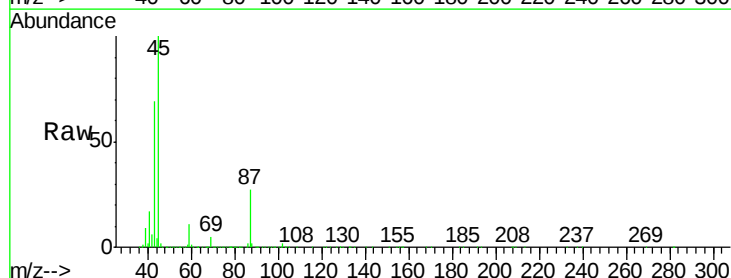
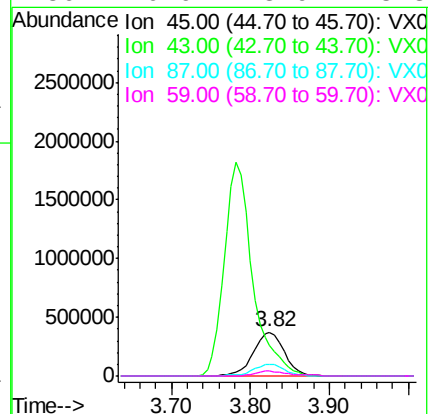
Tgt Ion: 45 Resp: 1012693
Ion Ratio Lower Upper

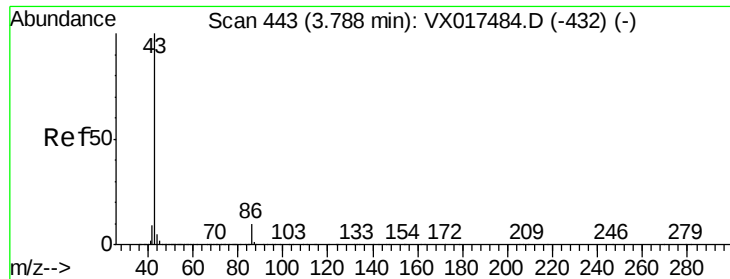
45 100

43 69.2 52.0 78.0

87 27.3 22.2 33.4

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 235.351 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4583334

Ion Ratio Lower Upper

43 100

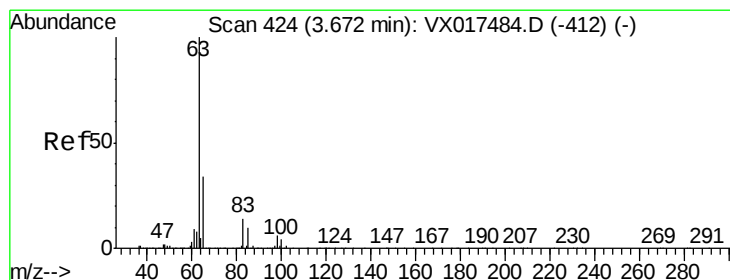
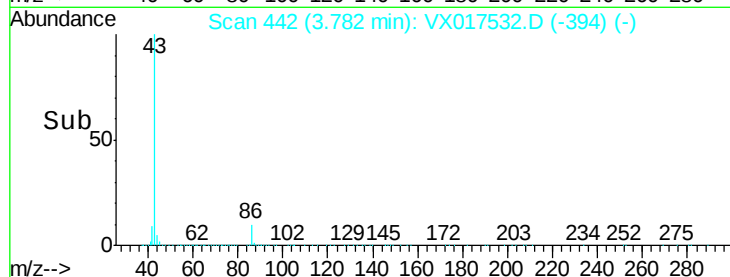
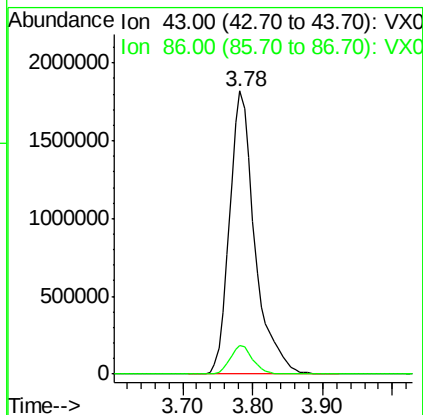
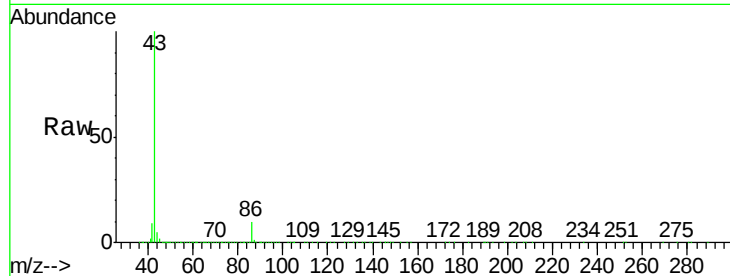
86 10.3 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 44.535 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

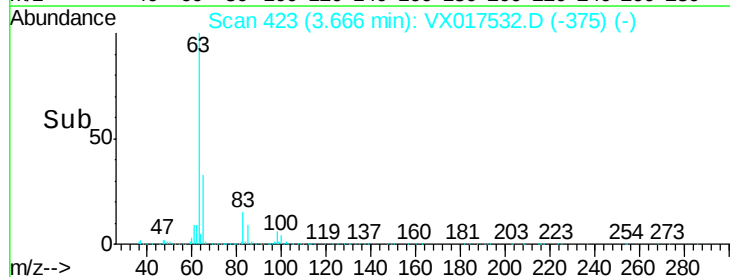
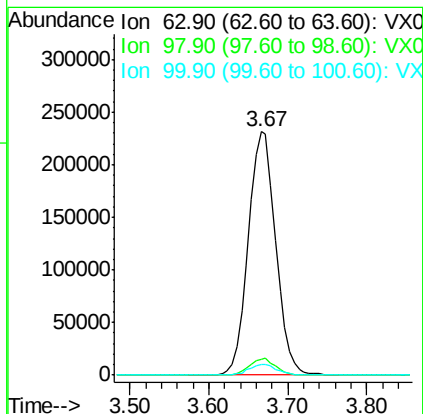
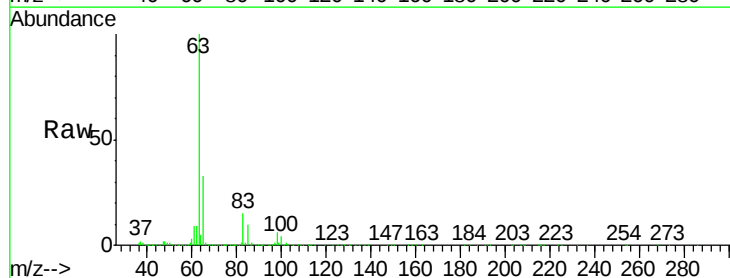
Tgt Ion: 63 Resp: 560343

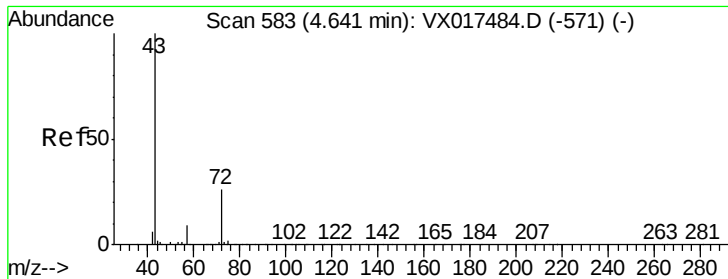
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.4 1.9 5.7





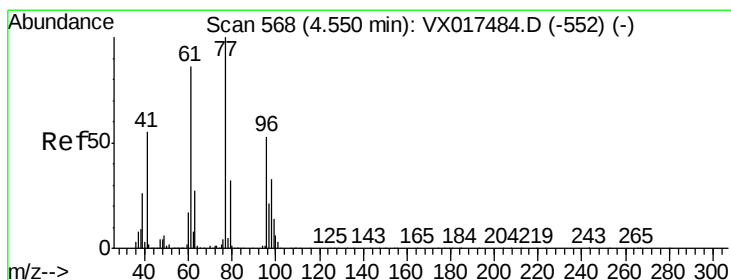
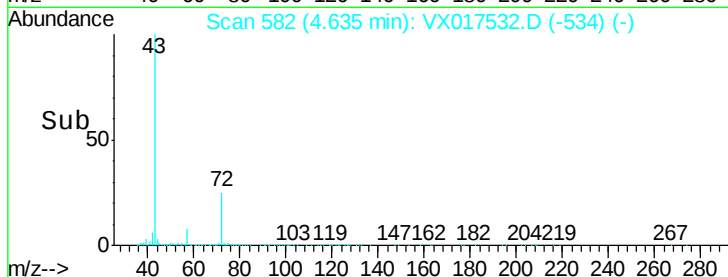
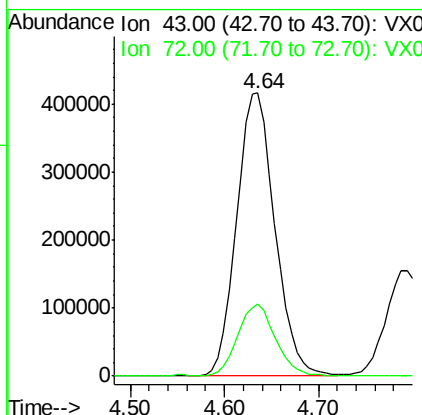
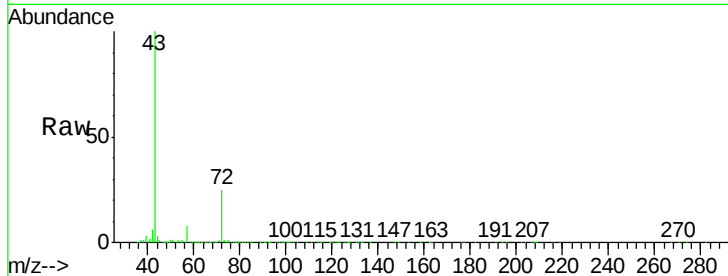
#25
2-Butanone
Concen: 231.540 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1177832
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.4

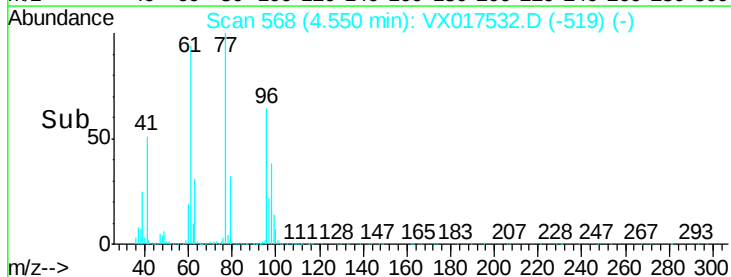
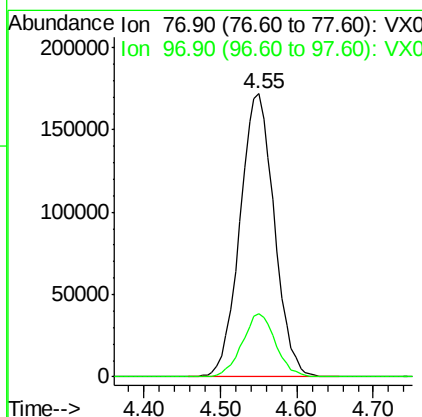
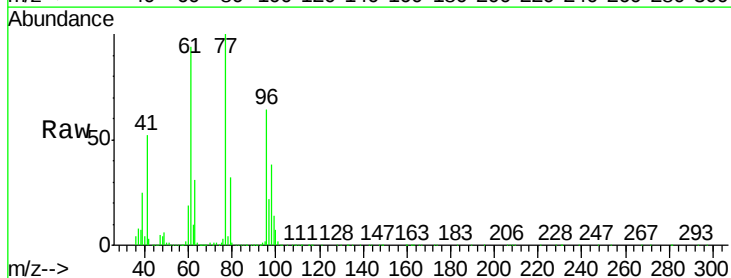
Manual Integrations
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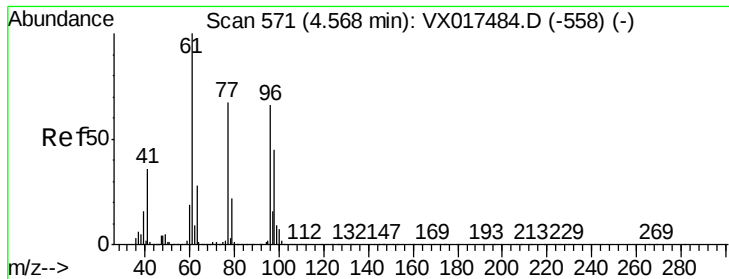
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.565 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 77 Resp: 535704
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

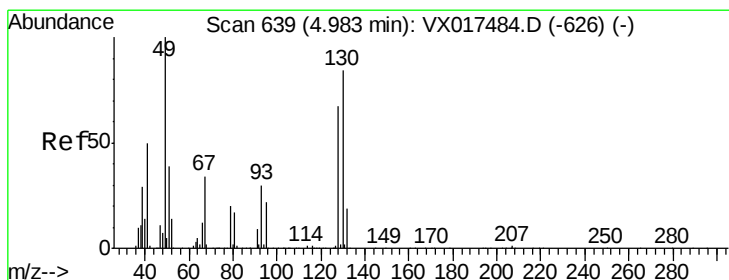
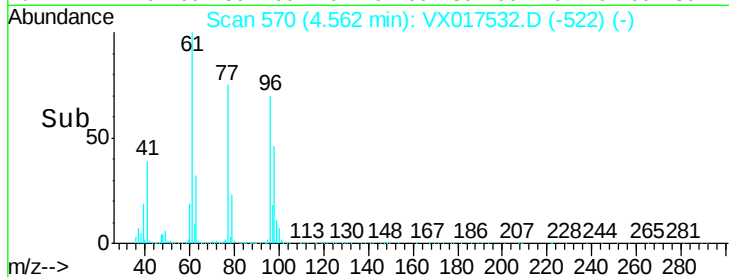
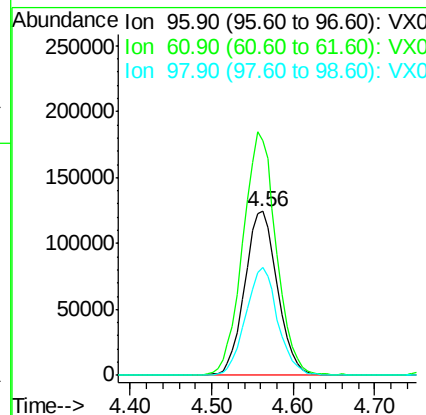
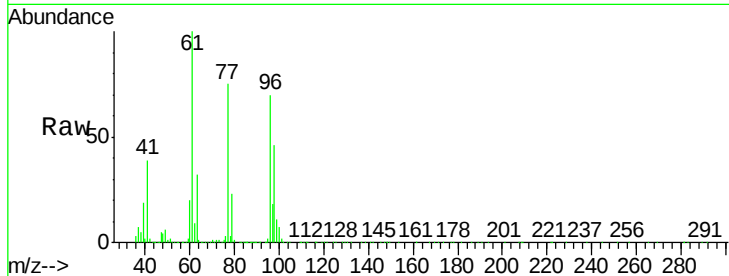
cis-1,2-Dichloroethene
Concen: 45.439 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	345886		
61	151.8	0.0	301.2	
98	64.8	0.0	130.0	

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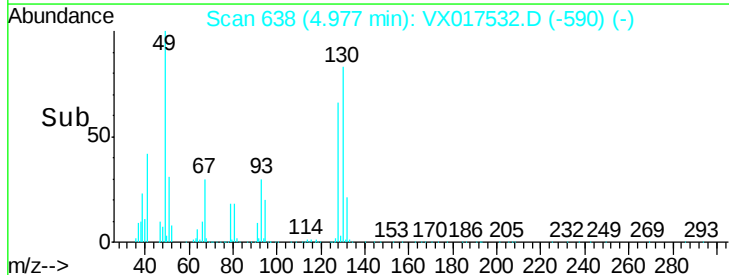
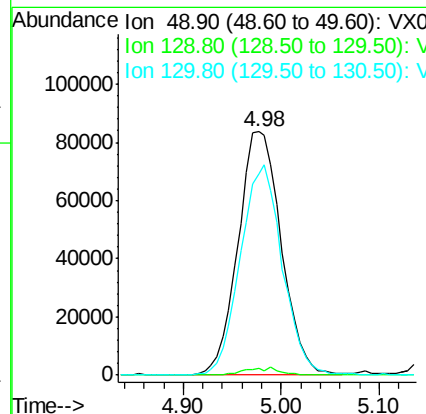
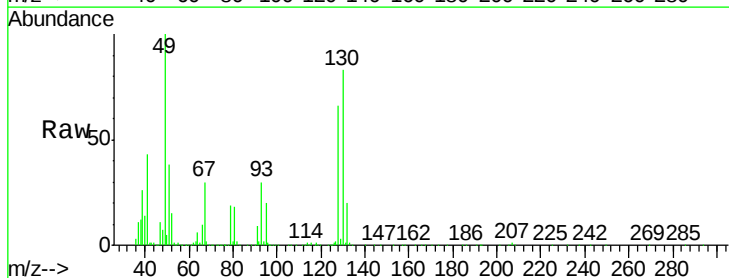
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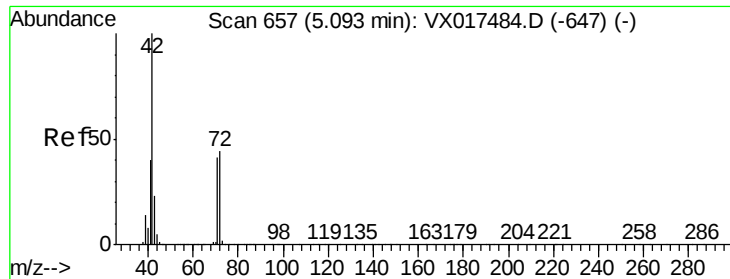


#28

Bromochloromethane
Concen: 44.796 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	255412		
129	2.6	0.0	4.6	
130	84.2	66.7	100.1	





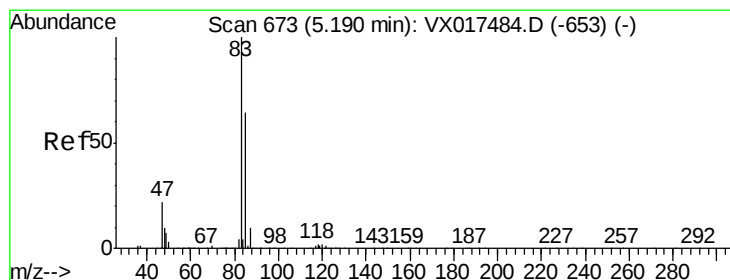
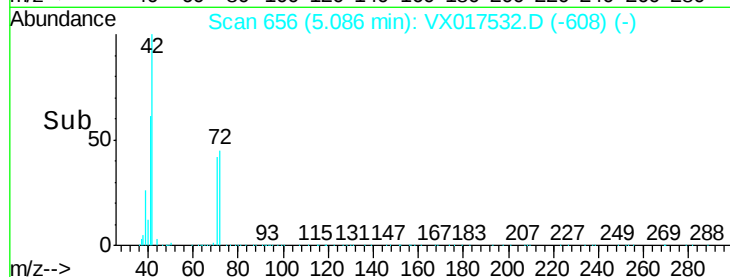
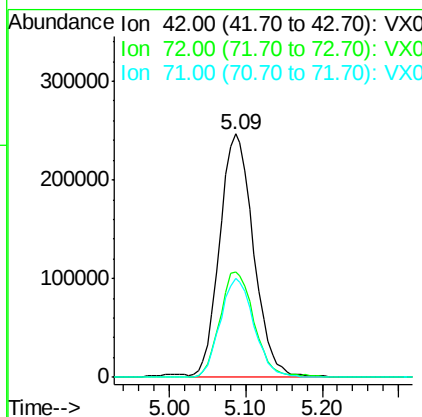
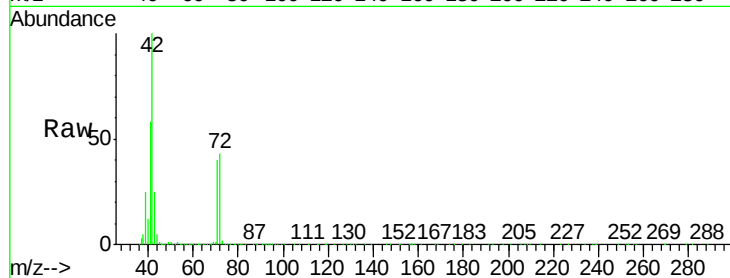
#29
Tetrahydrofuran
Concen: 238.621 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.5	53.3
71	40.5	33.0	49.4

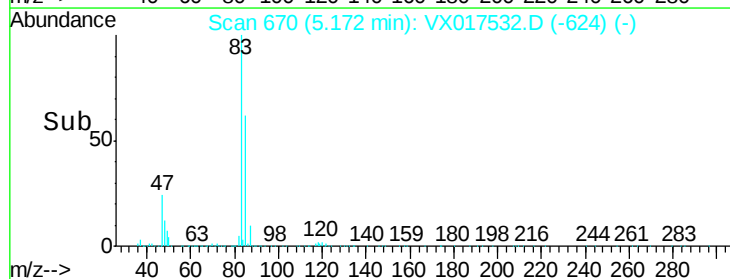
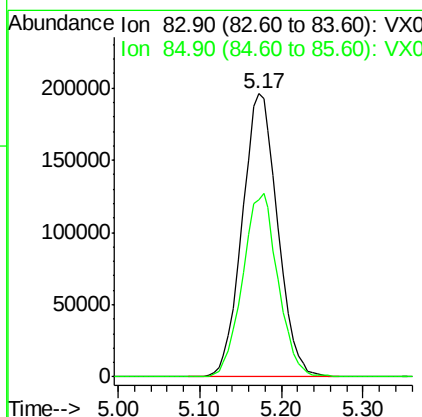
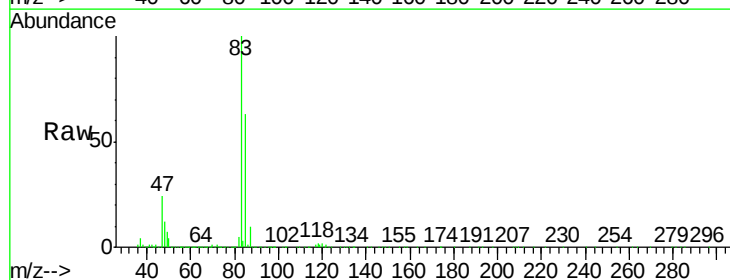
Manual Integrations
APPROVED

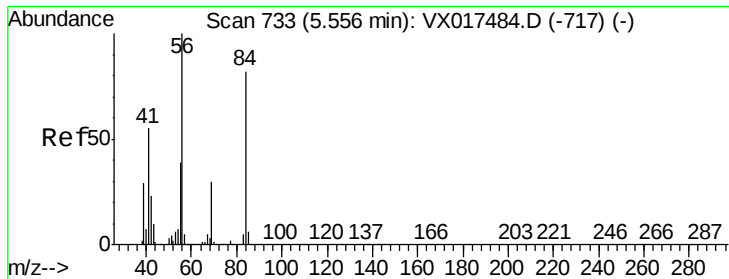
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#30
Chloroform
Concen: 45.893 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.2





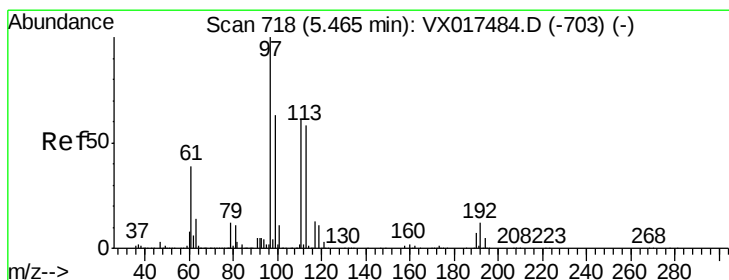
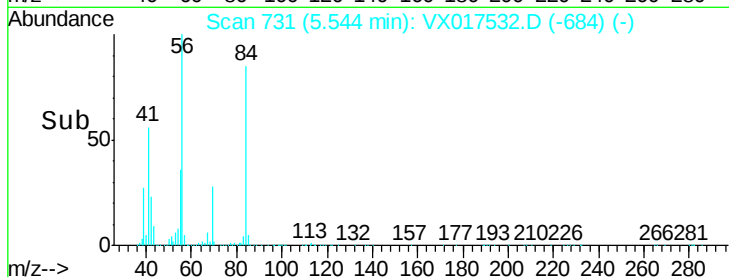
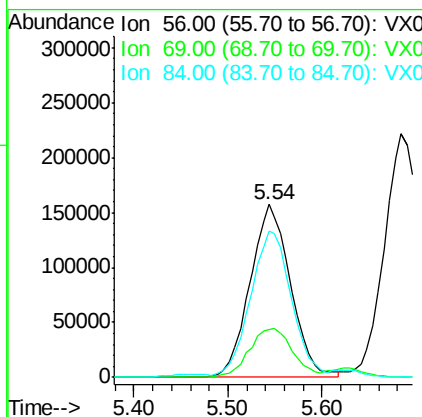
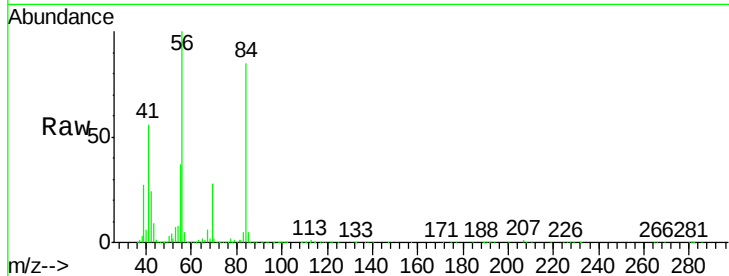
#31
Cyclohexane
Concen: 47.025 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.2	36.4
84	83.4	69.0	103.6

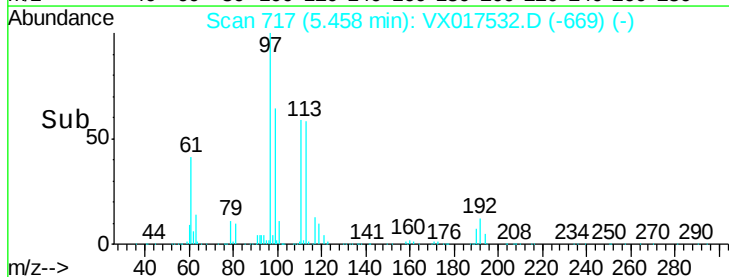
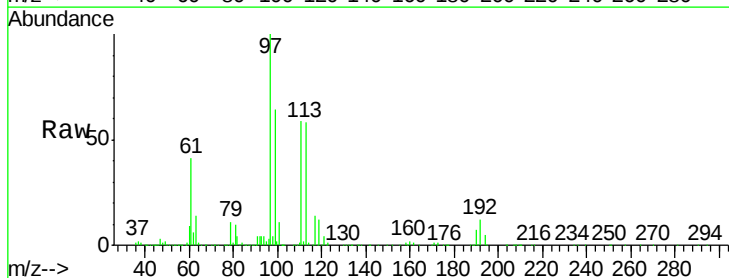
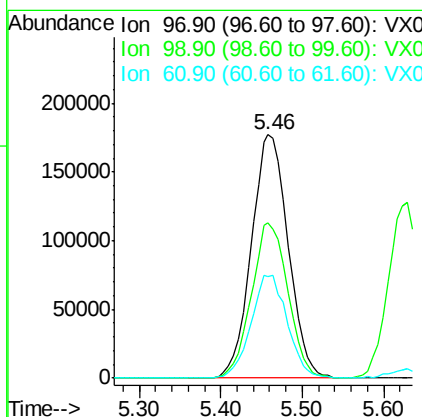
Manual Integrations
APPROVED

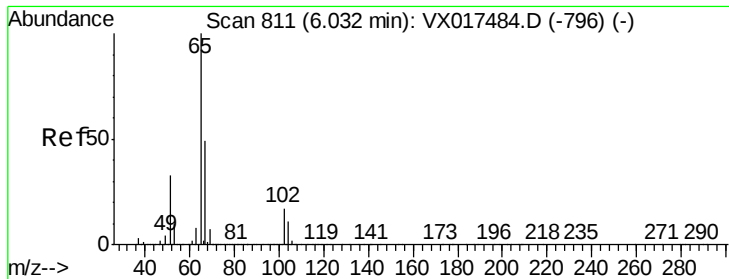
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#32
1,1,1-Trichloroethane
Concen: 45.849 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.9	77.9
61	41.7	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 45.716 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 371931

Ion Ratio Lower Upper

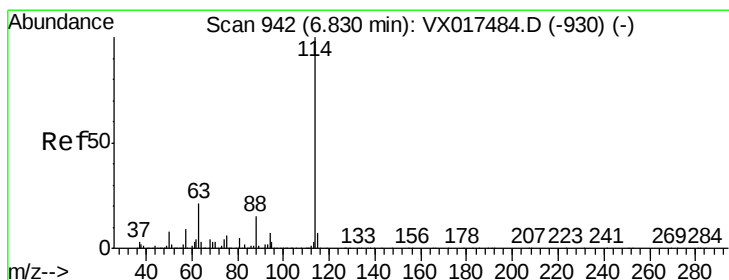
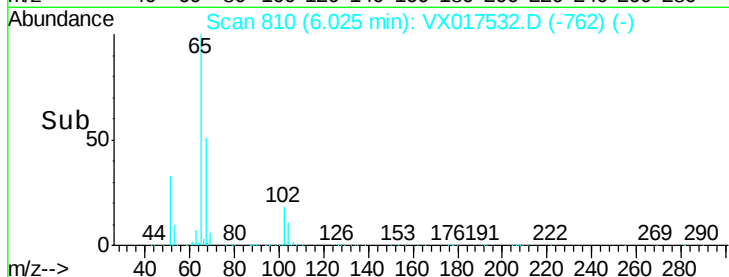
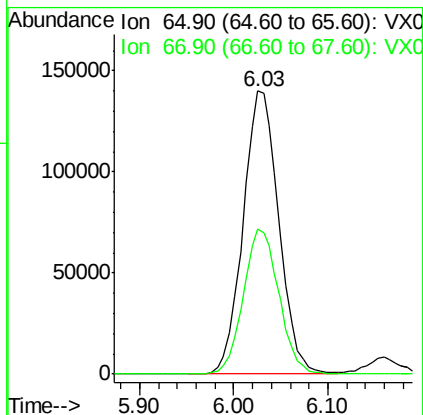
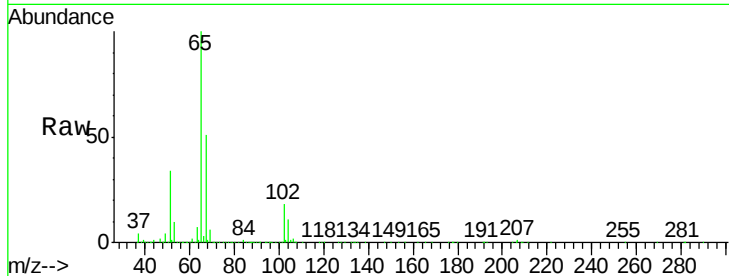
65 100

67 50.8 0.0 102.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

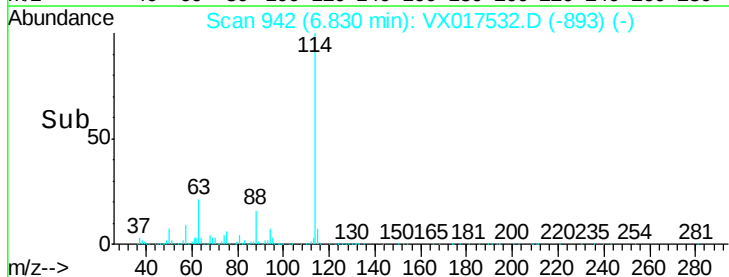
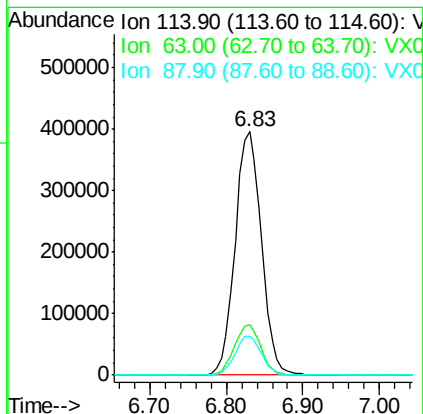
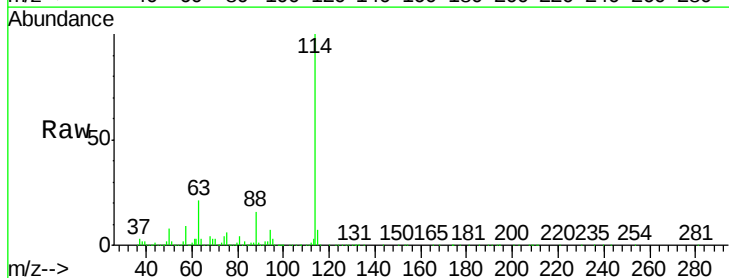
Tgt Ion: 114 Resp: 941759

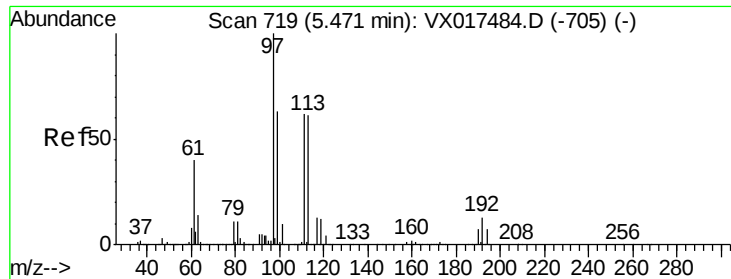
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.838 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

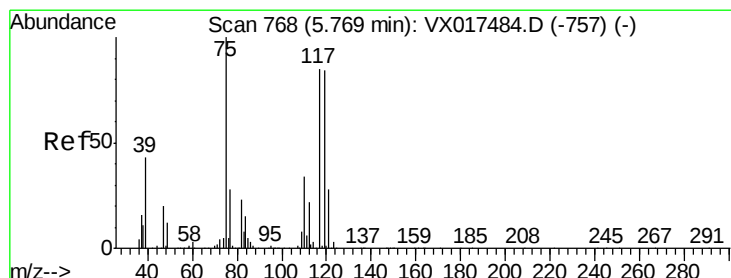
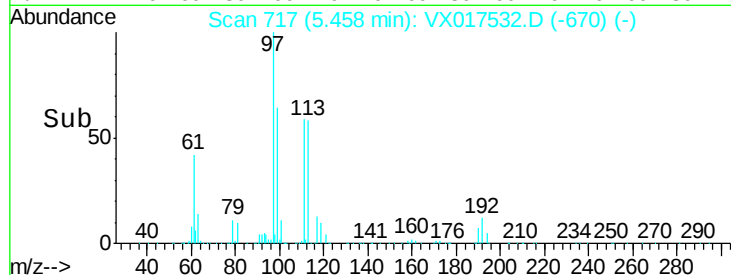
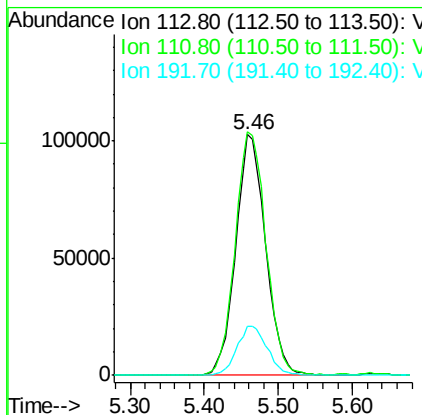
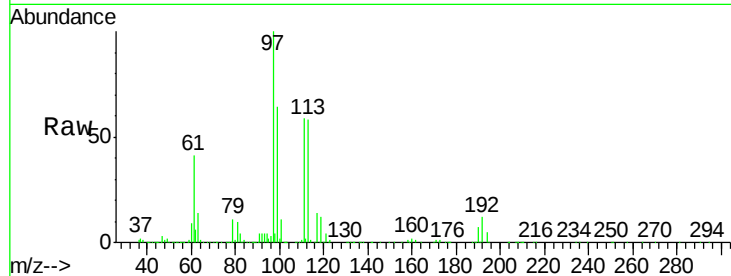
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	288712
Ion Ratio	Lower	Upper	
113	100		
111	104.3	80.7	121.1
192	20.7	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 48.401 ug/l

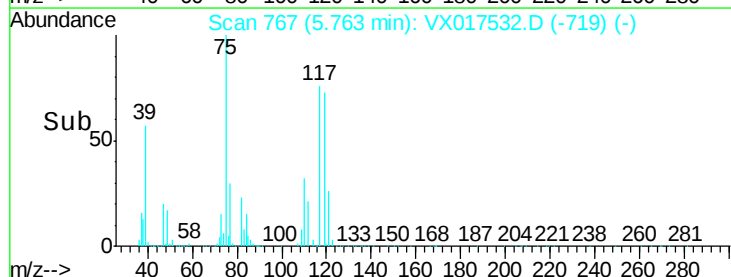
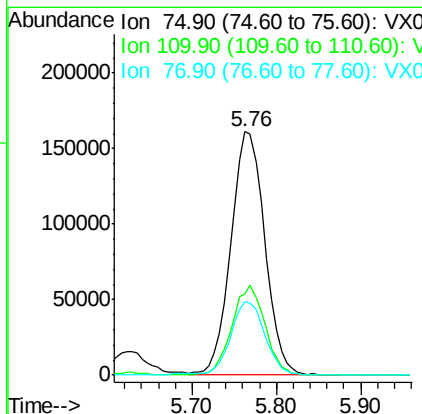
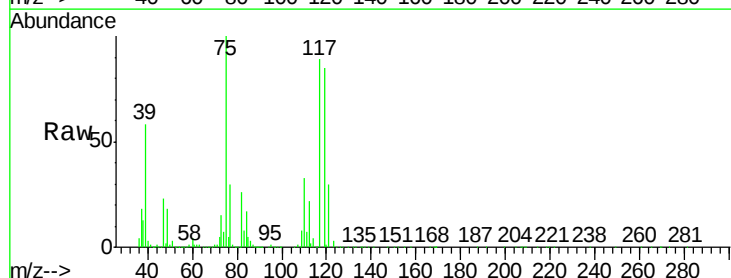
RT: 5.76 min Scan# 767

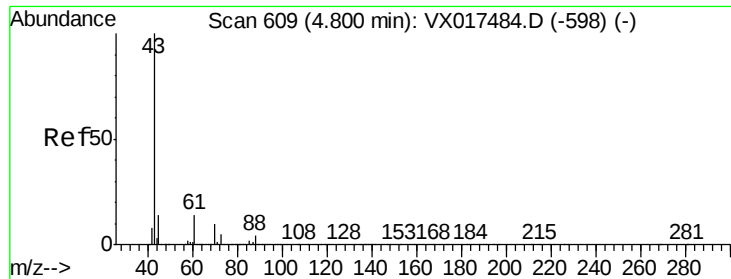
Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion:	75	Resp:	437170
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.3
77	30.4	24.6	37.0





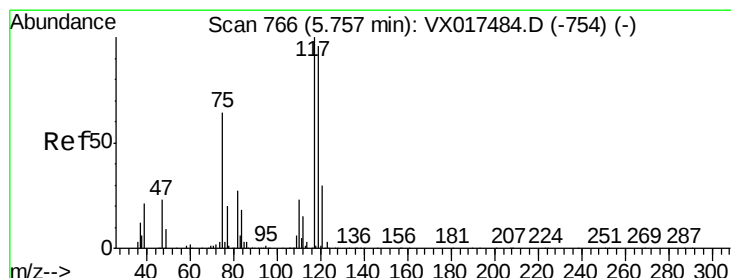
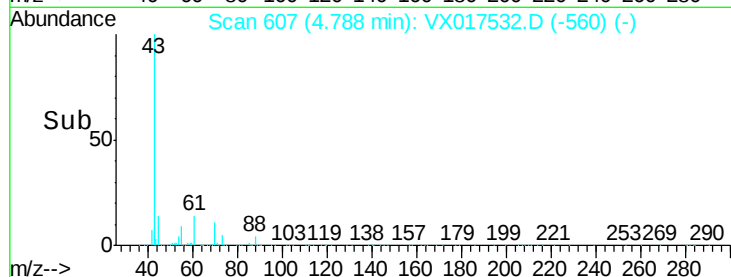
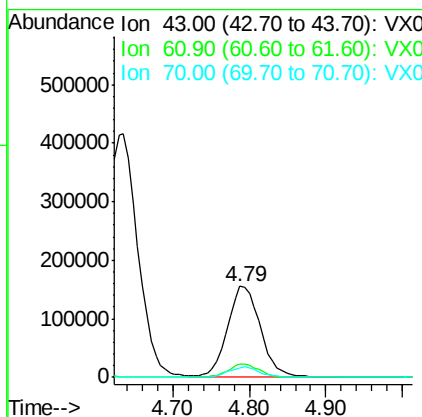
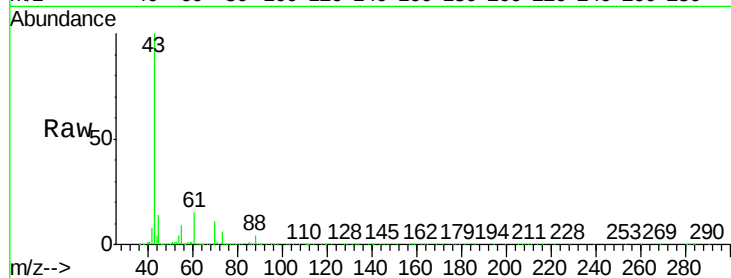
#37
Ethyl Acetate
Concen: 46.811 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	462624
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.6	8.5	12.7

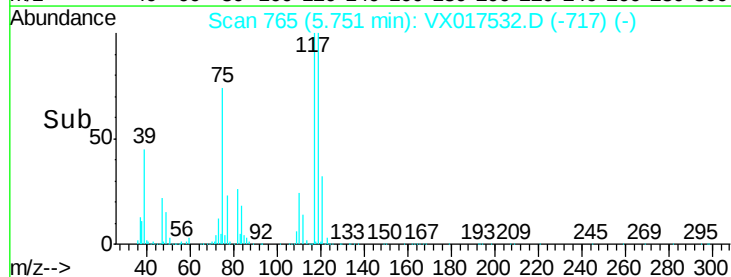
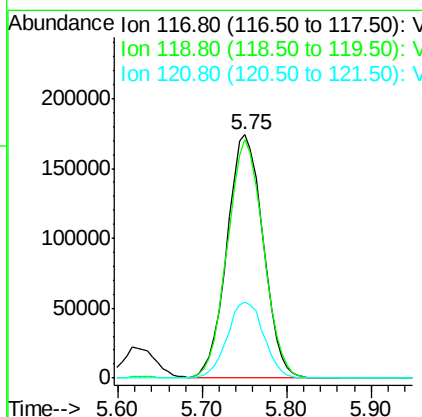
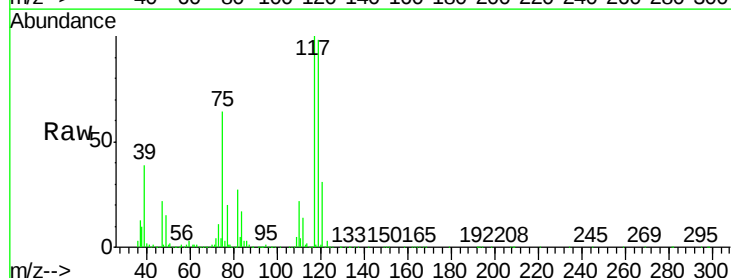
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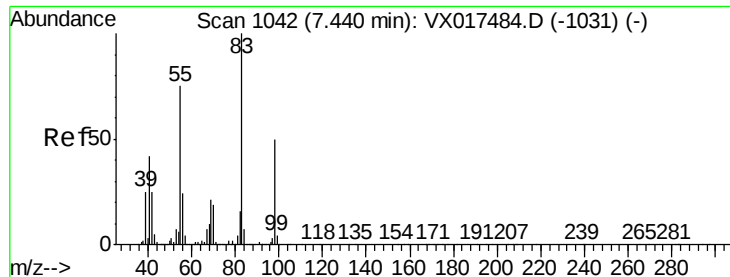
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#38
Carbon Tetrachloride
Concen: 46.175 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:	117	Resp:	506466
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
121	31.5	24.3	36.5





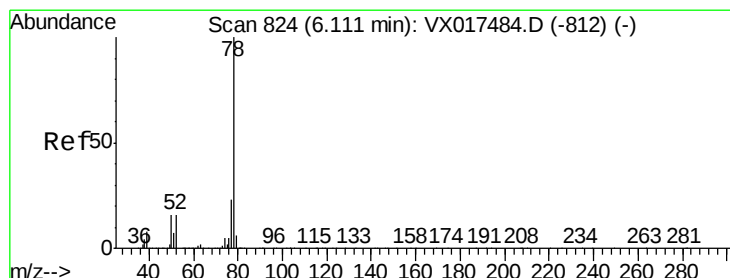
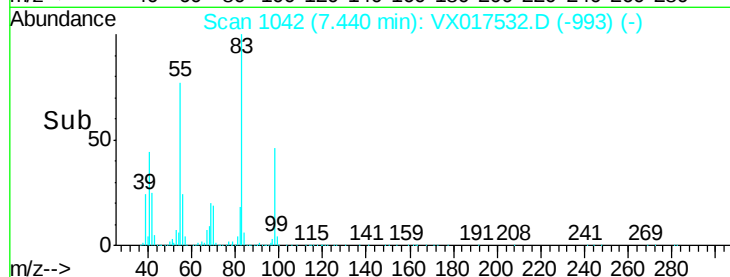
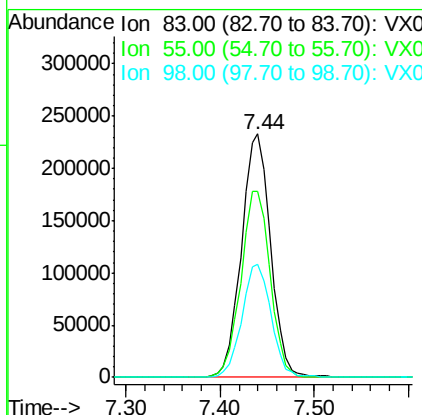
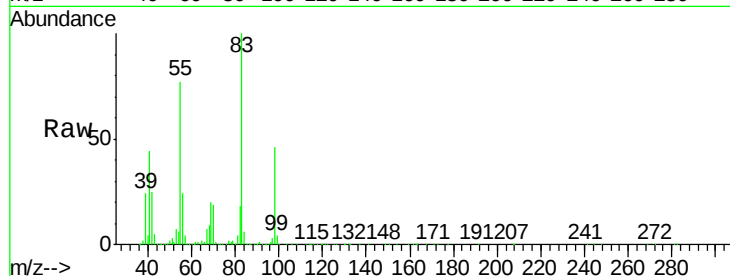
#39
Methylcyclohexane
Concen: 47.826 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	46.2	36.9	55.3

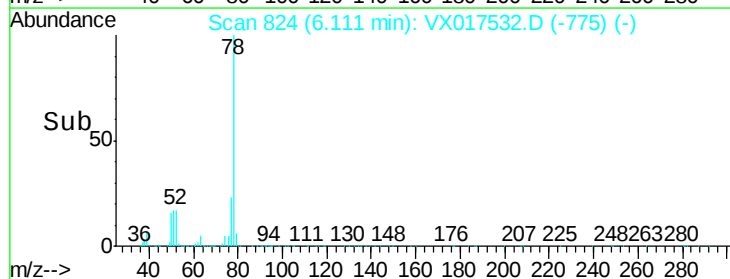
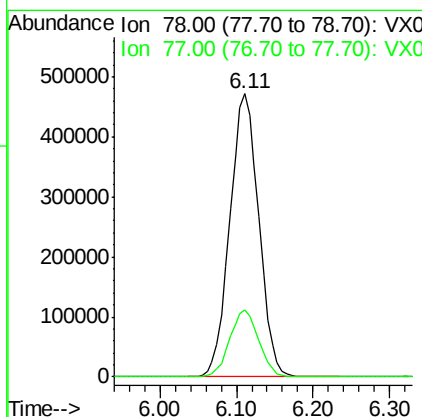
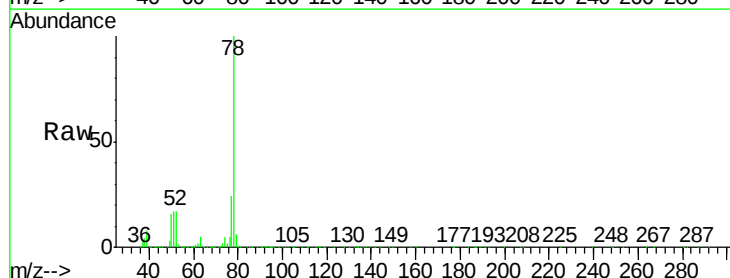
Manual Integrations
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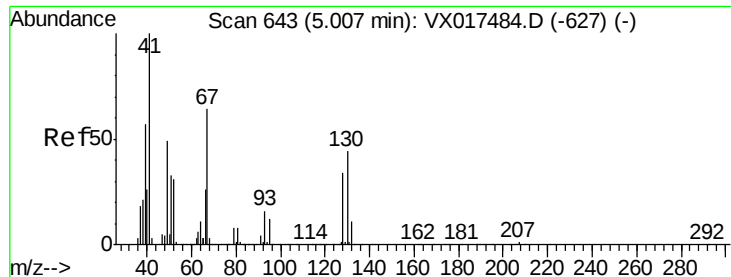
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#40
Benzene
Concen: 47.615 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





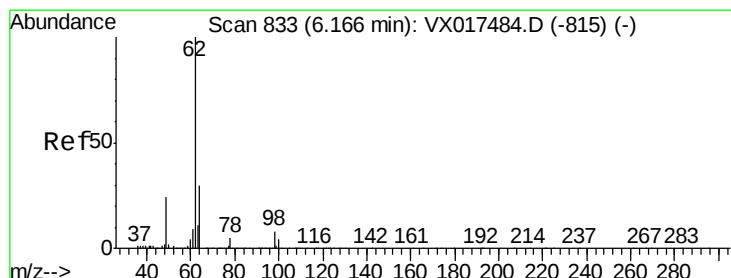
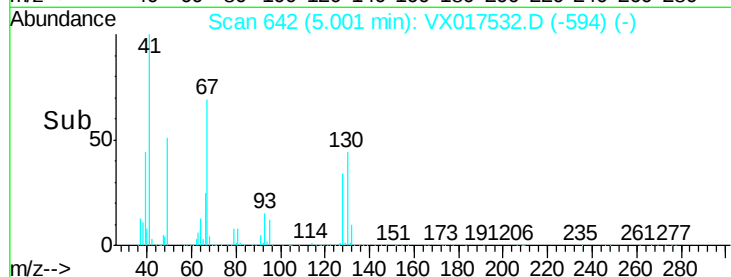
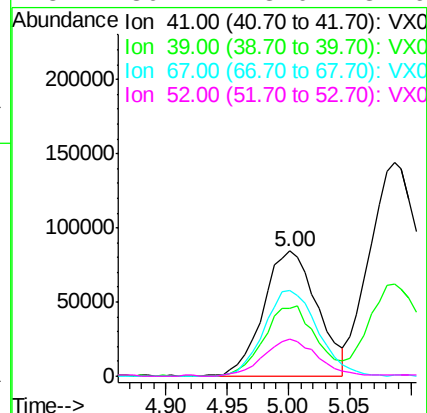
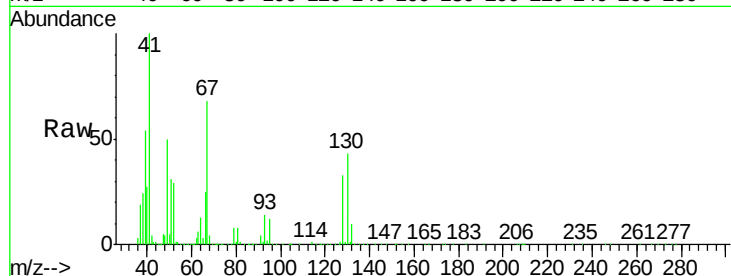
#41
Methacrylonitrile
Concen: 45.511 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	68.7	54.0	81.0
52	30.2	23.0	34.6

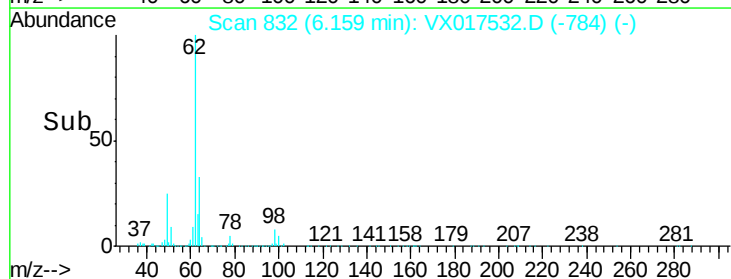
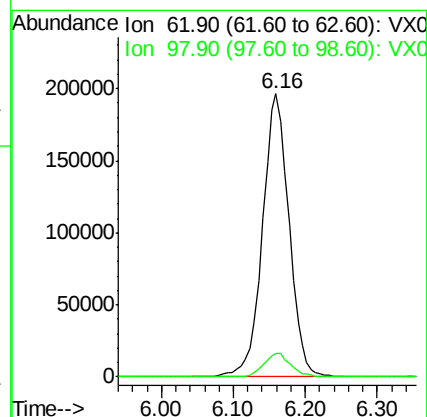
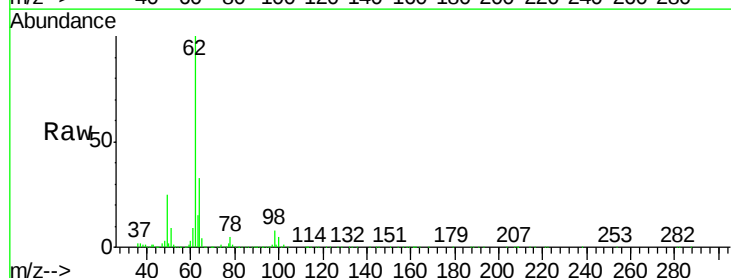
Manual Integrations
APPROVED

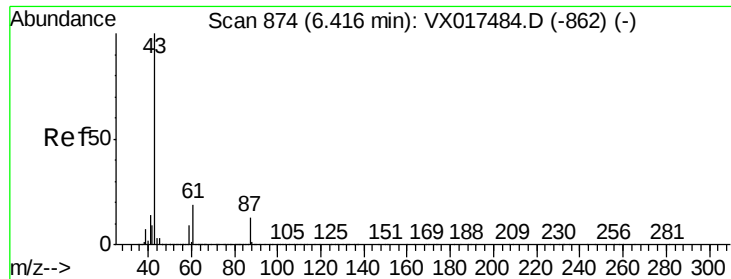
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#42
1,2-Dichloroethane
Concen: 47.479 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0





#43

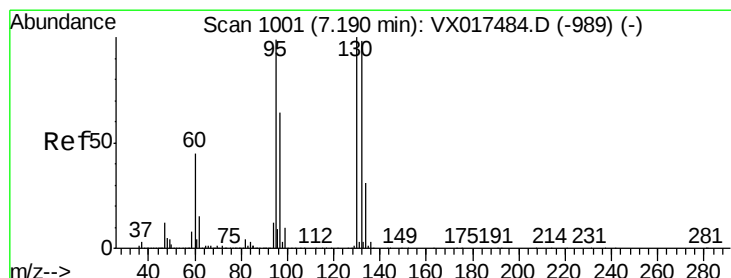
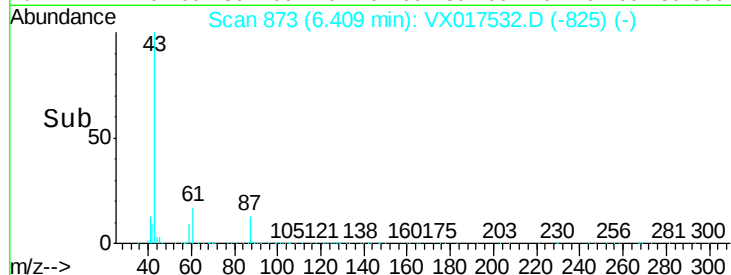
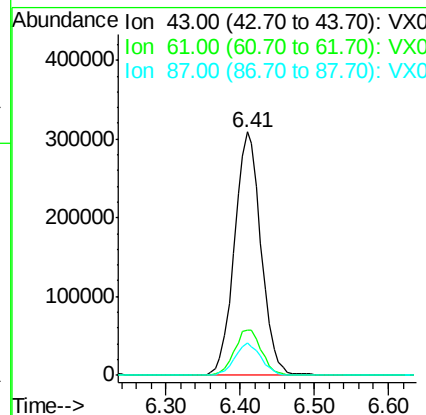
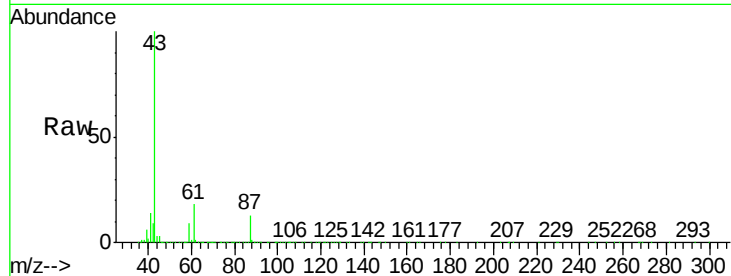
Isopropyl Acetate
 Concen: 47.090 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

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

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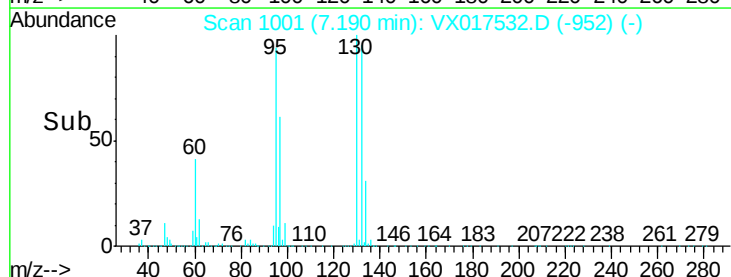
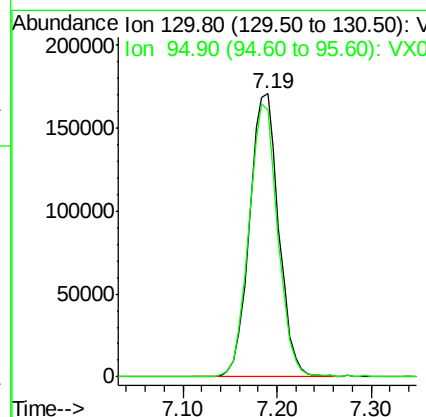
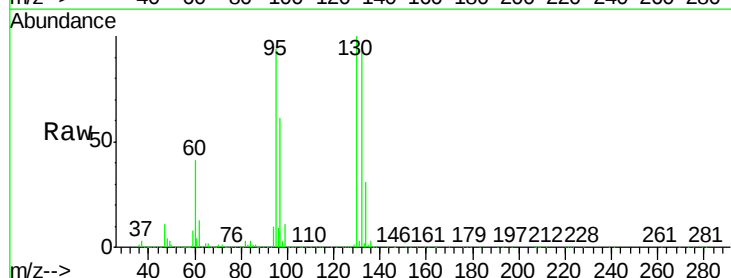
MMDadoda
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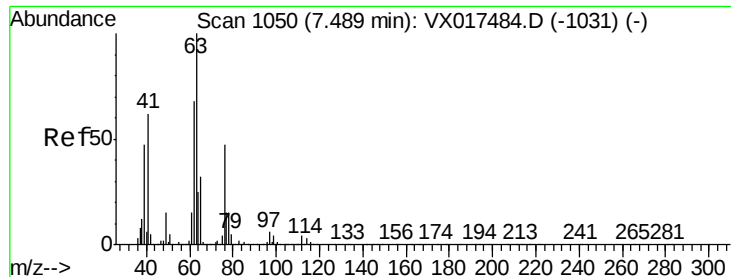


#44

Trichloroethene
 Concen: 49.054 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	189.0





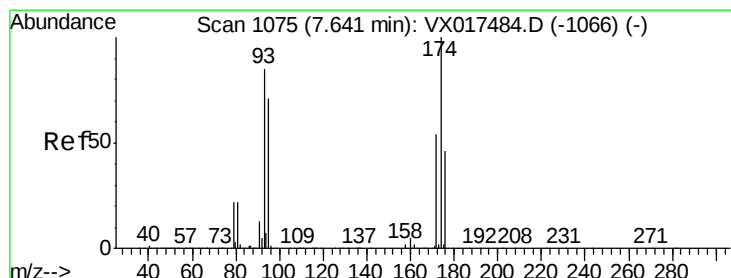
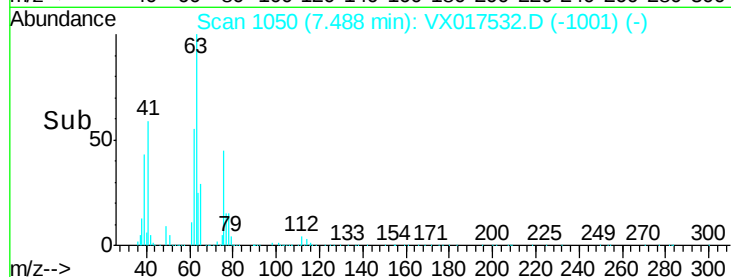
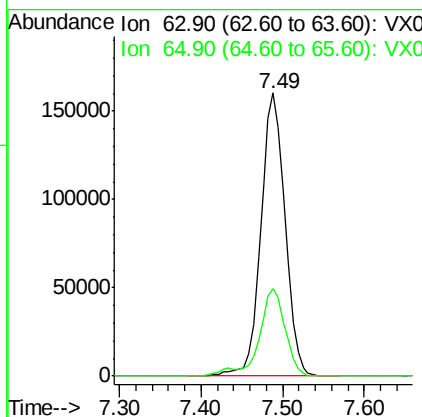
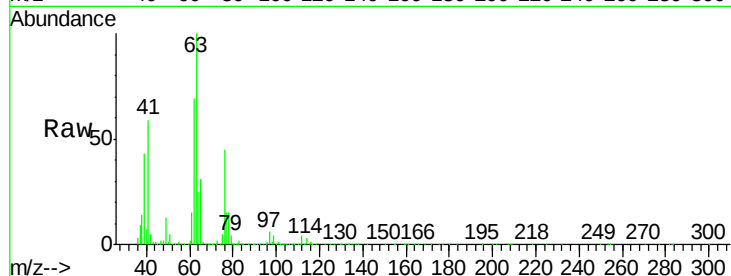
#45
 1,2-Dichloropropane
 Concen: 46.217 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.5	36.7

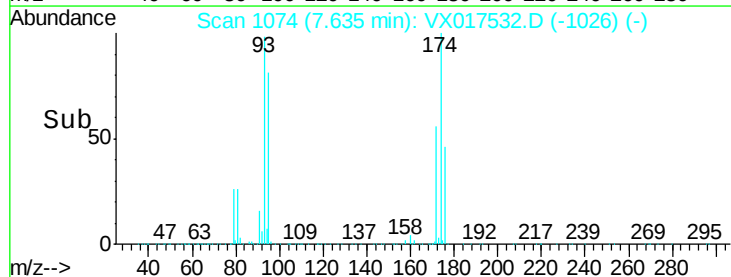
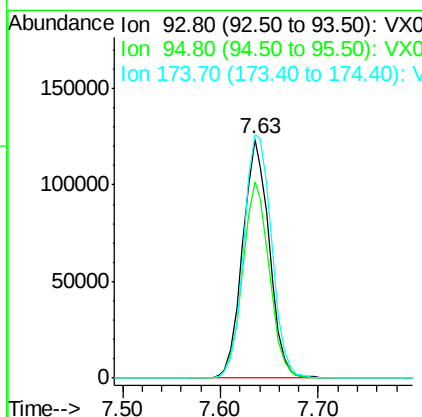
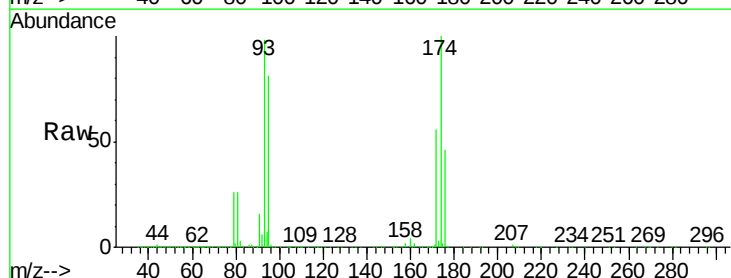
Manual Integrations
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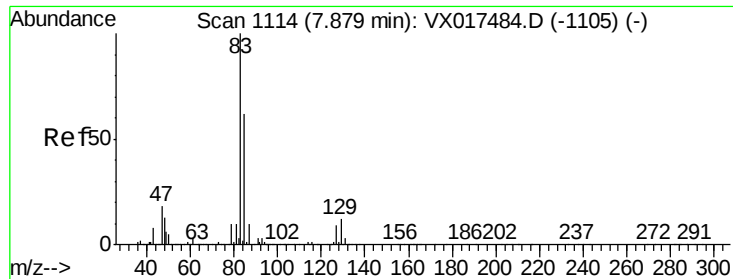
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#46
 Dibromomethane
 Concen: 45.954 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	99.8
174	106.8	87.0	130.6





#47

Bromodichloromethane

Concen: 47.783 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

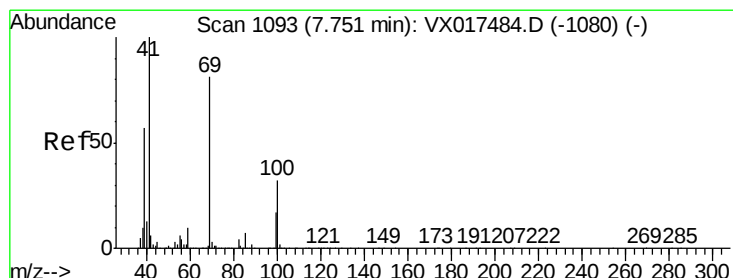
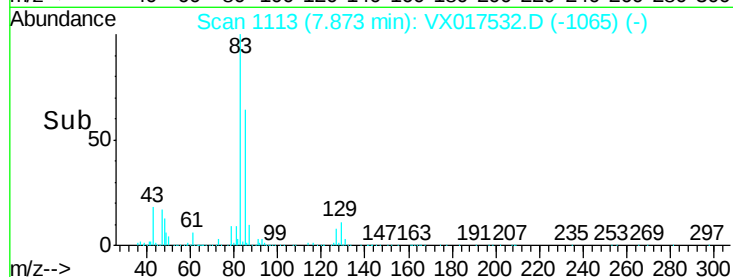
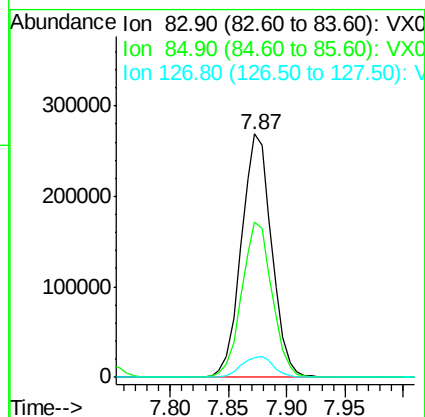
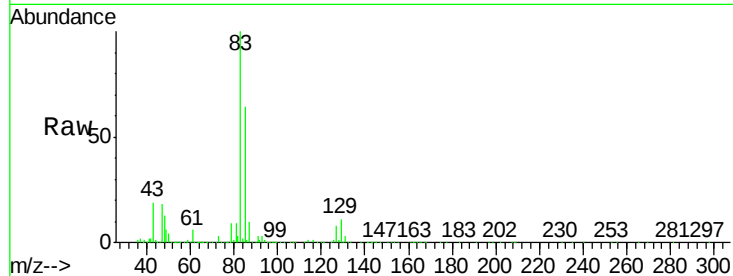
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	487763
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.8	77.8
127	8.1	7.4	11.2

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#48

Methyl methacrylate

Concen: 47.839 ug/l

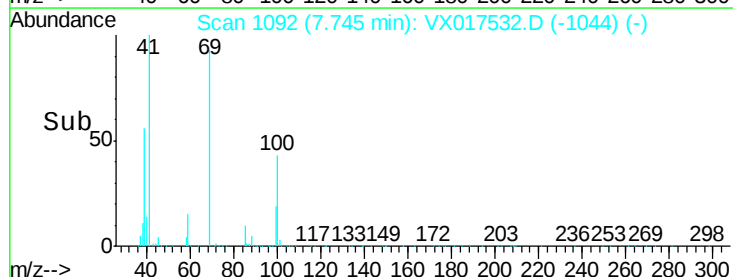
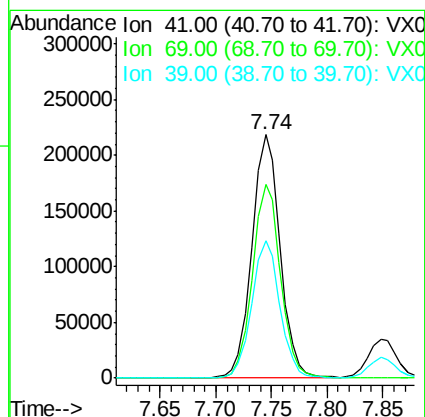
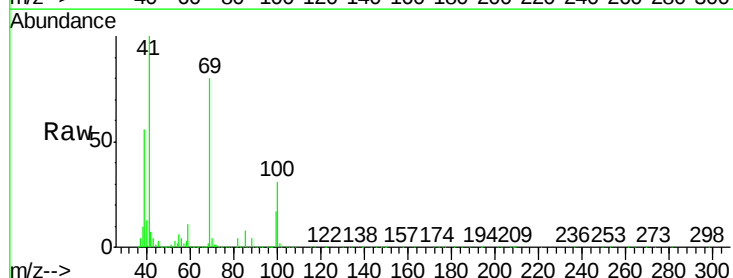
RT: 7.74 min Scan# 1092

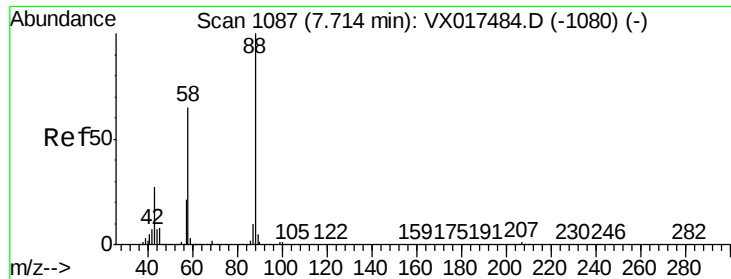
Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion:	41	Resp:	386670
Ion Ratio	Lower	Upper	
41	100		
69	79.3	63.1	94.7
39	56.6	45.1	67.7





#49

1,4-Dioxane

Concen: 1057.311 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

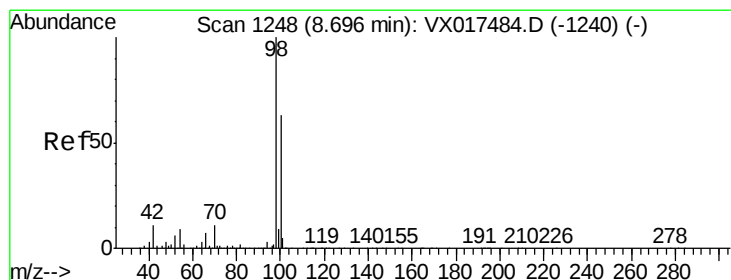
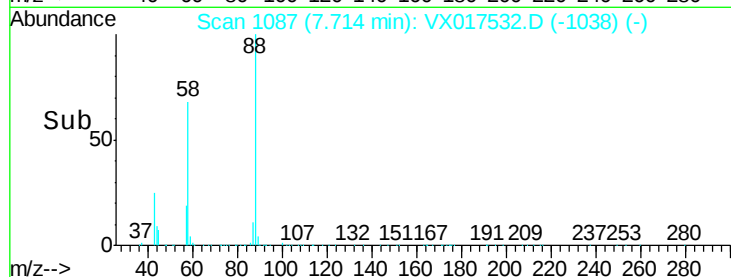
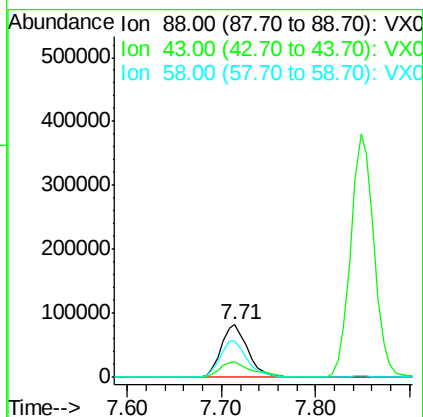
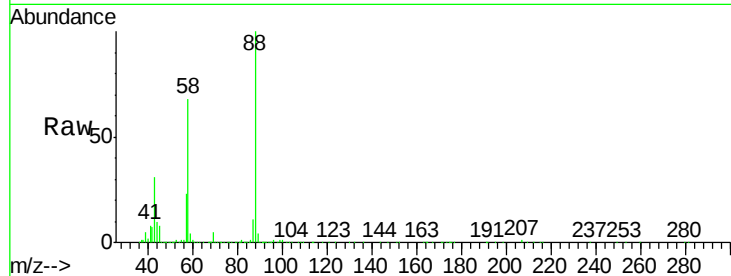
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	163846
Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.8	41.6
58	68.9	58.3	87.5

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#50

Toluene-d8

Concen: 46.217 ug/l

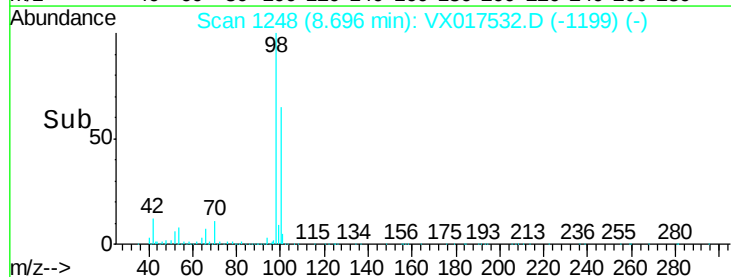
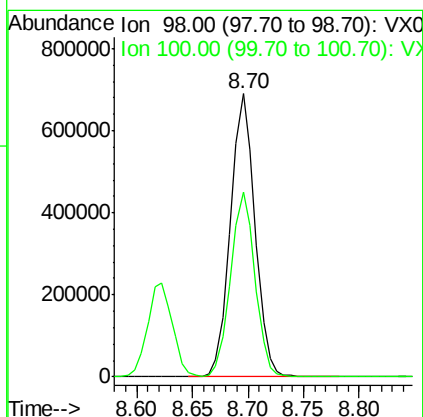
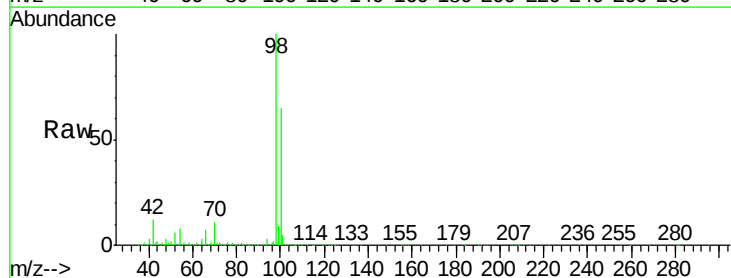
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion:	98	Resp:	1050143
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





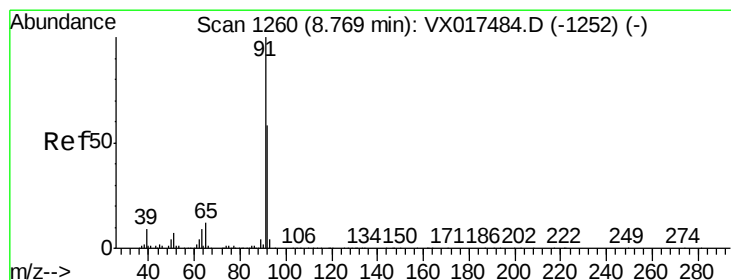
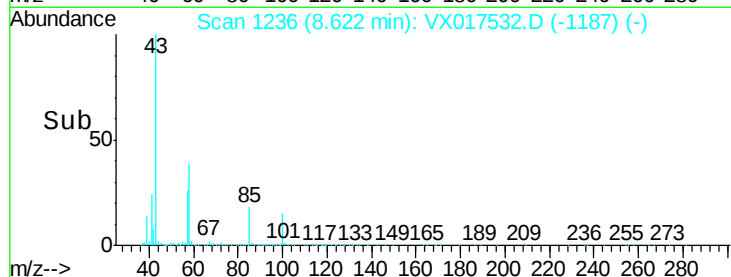
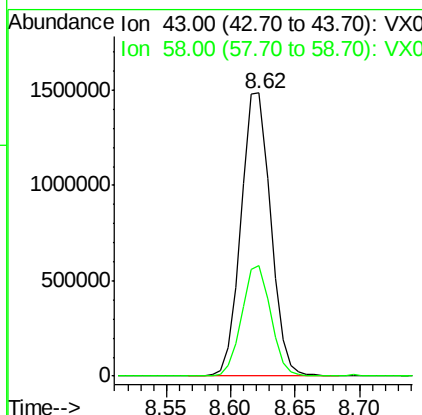
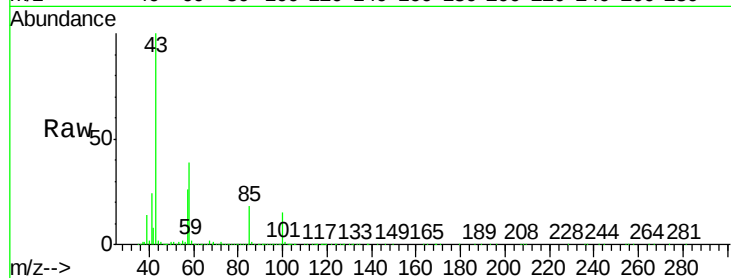
#51
 4-Methyl-2-Pentanone
 Concen: 243.226 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2366382
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4

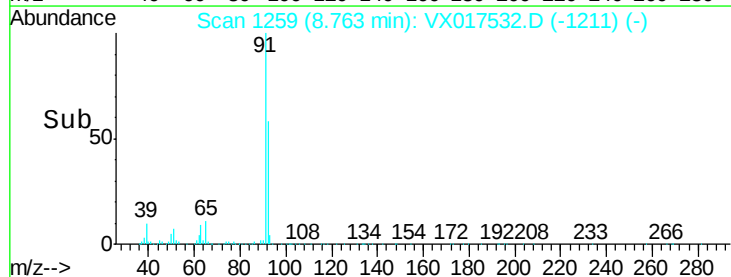
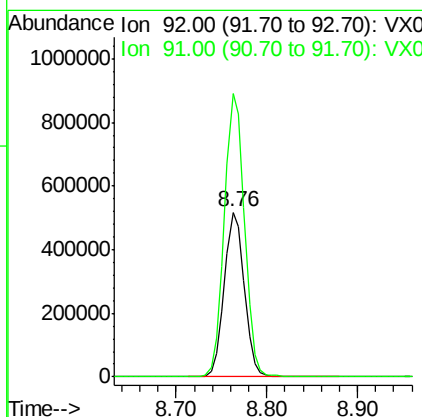
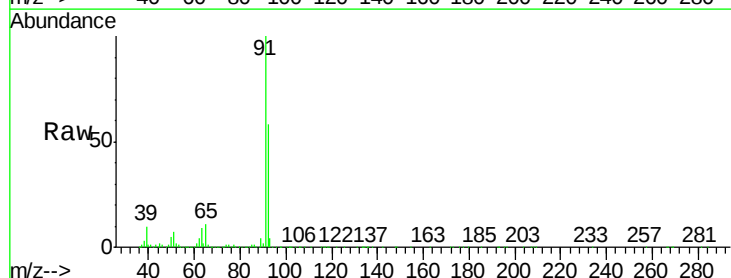
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#52
 Toluene
 Concen: 47.831 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion: 92 Resp: 794335
 Ion Ratio Lower Upper
 92 100
 91 173.9 137.6 206.4





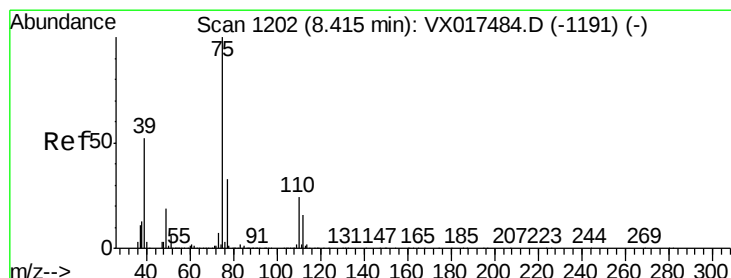
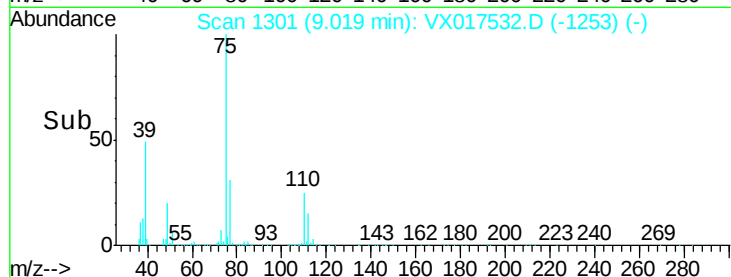
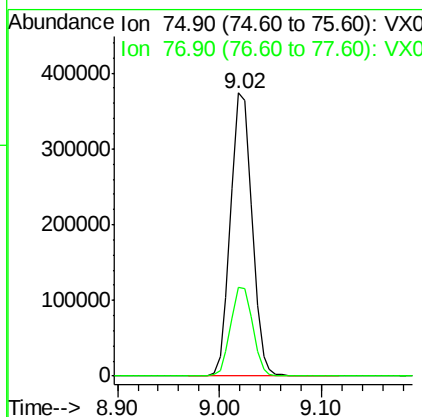
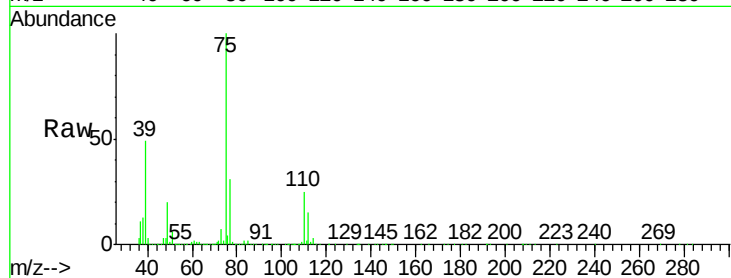
#53
t-1,3-Dichloropropene
Concen: 47.559 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 543456
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3

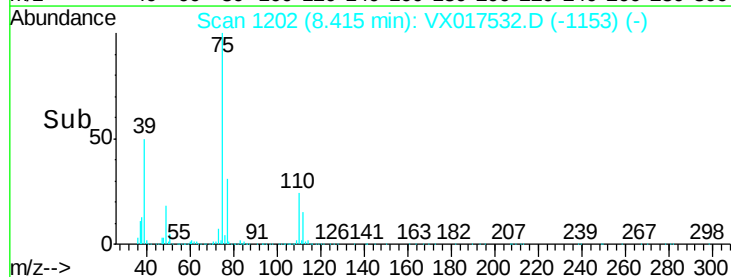
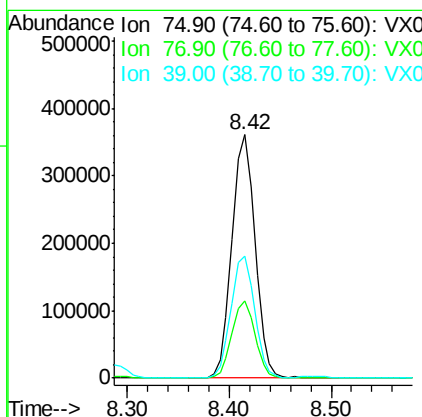
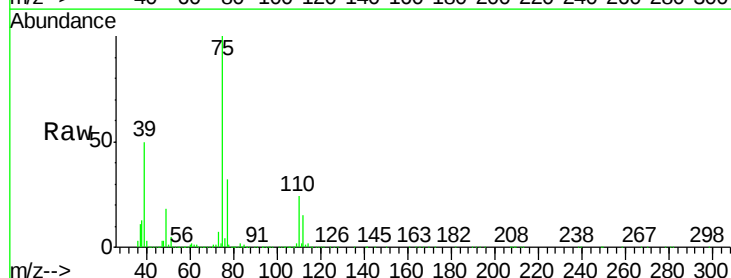
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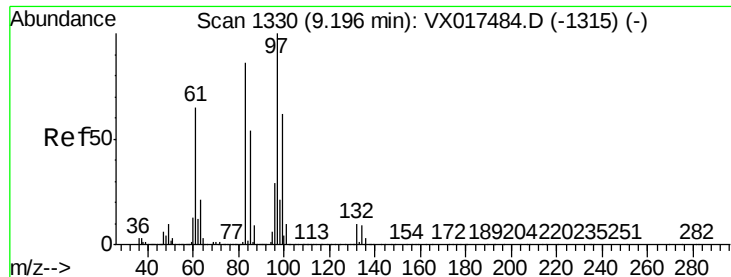
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#54
cis-1,3-Dichloropropene
Concen: 48.548 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 75 Resp: 565847
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 50.1 41.8 62.8





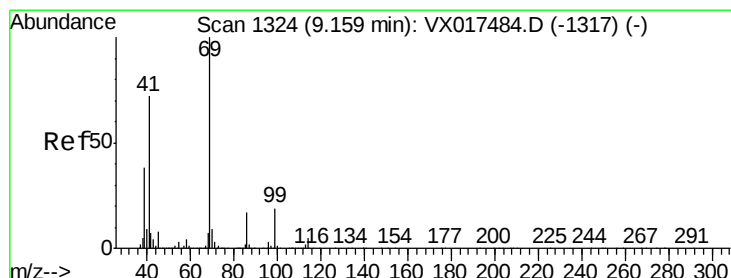
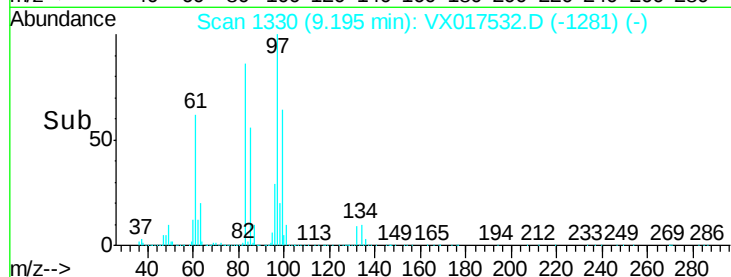
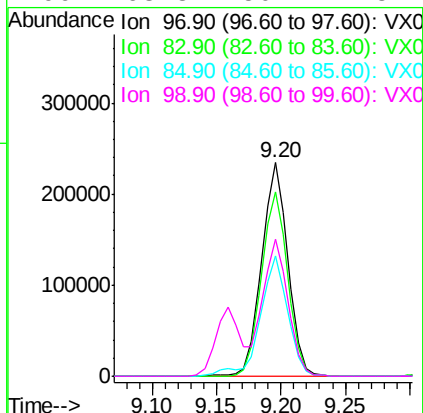
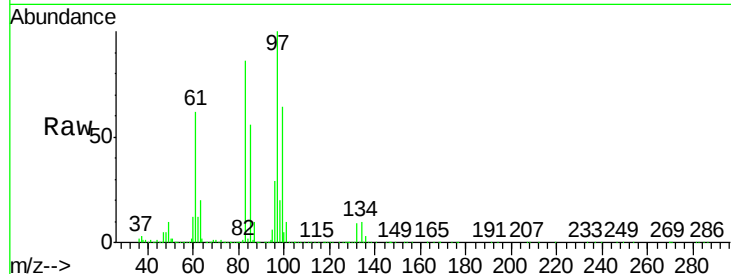
#55
 1,1,2-Trichloroethane
 Concen: 47.686 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	329896		
83	86.1	67.6	101.4	
85	56.3	44.6	67.0	
99	63.8	50.2	75.4	

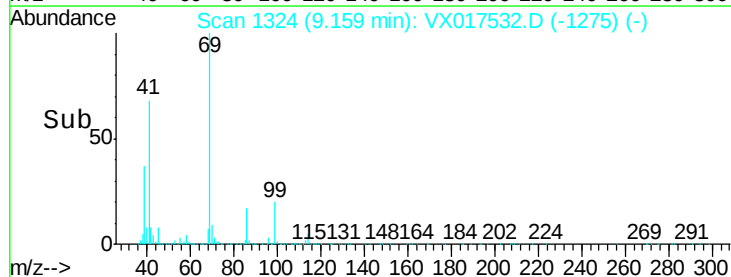
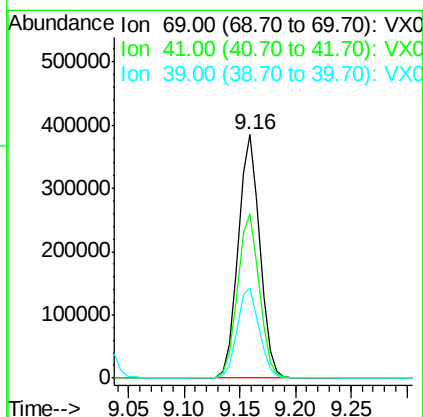
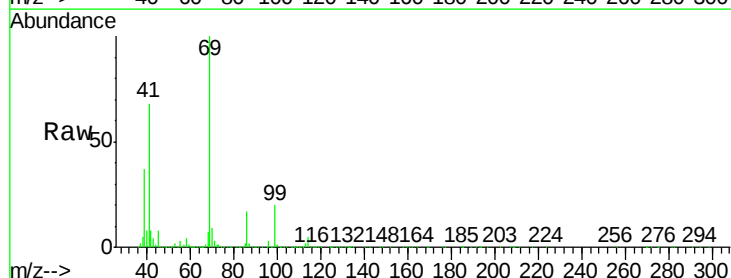
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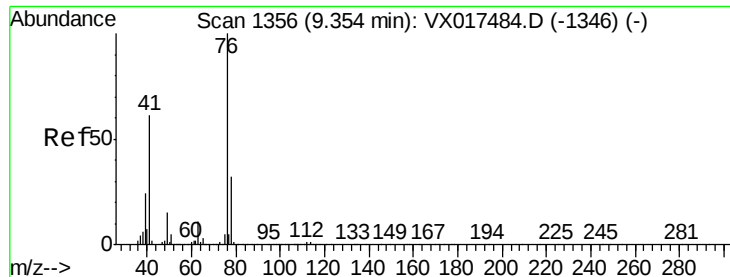
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#56
 Ethyl methacrylate
 Concen: 49.634 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	517318		
41	67.7	55.0	82.6	
39	37.8	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 48.075 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 547649

Ion Ratio Lower Upper

76 100

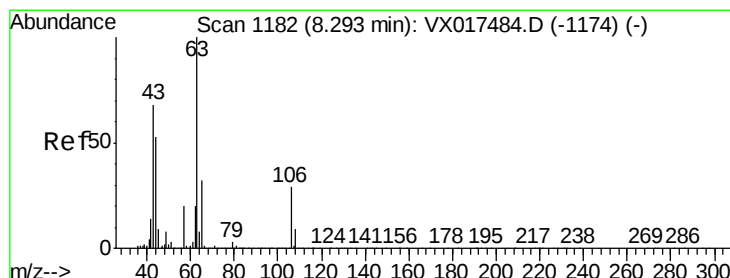
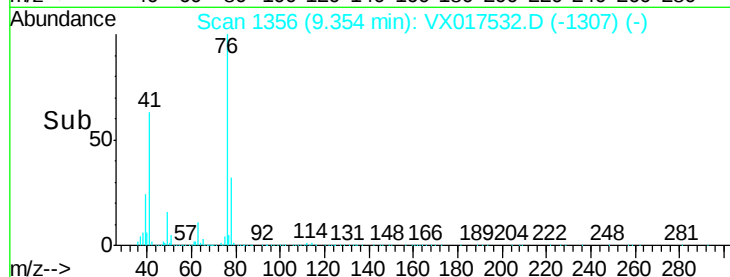
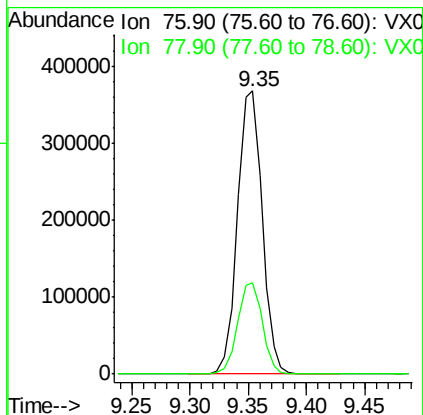
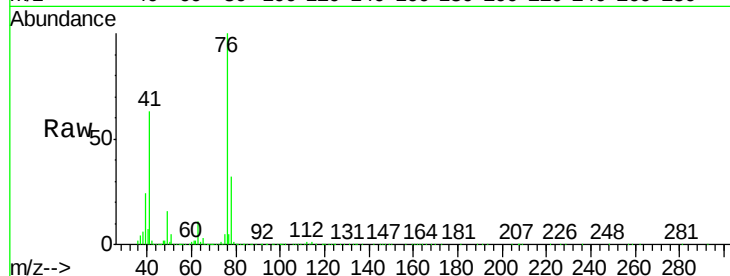
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 239.713 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017532.D

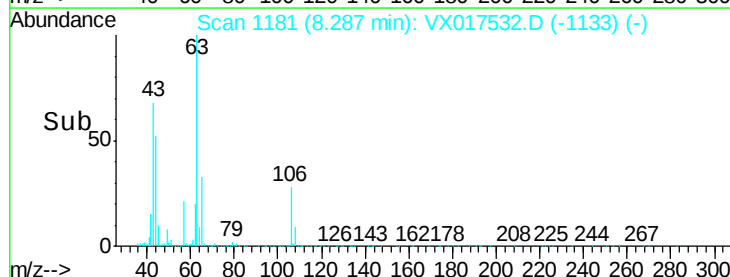
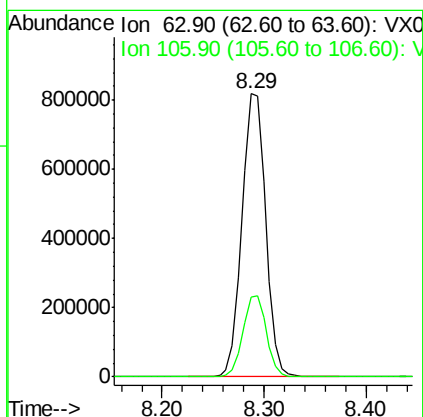
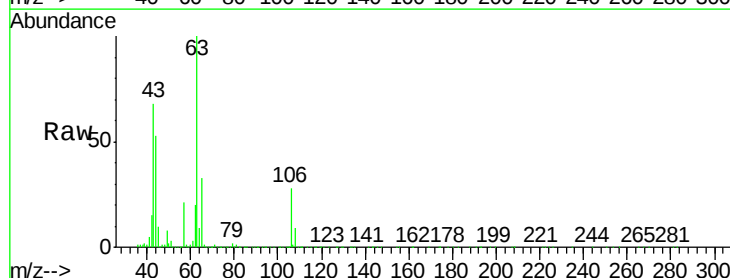
Acq: 24 Jul 2020 10:44

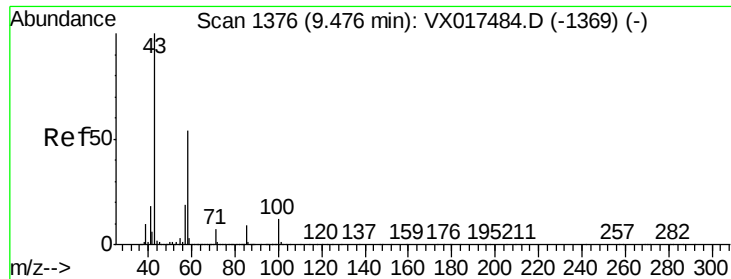
Tgt Ion: 63 Resp: 1316299

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





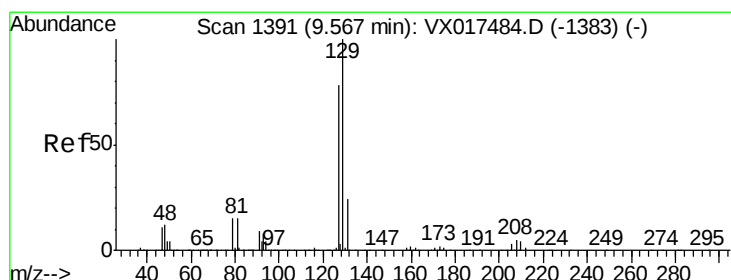
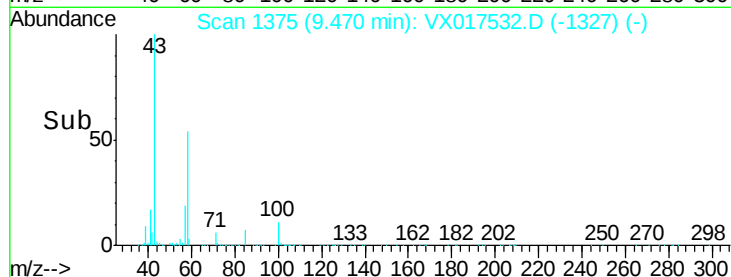
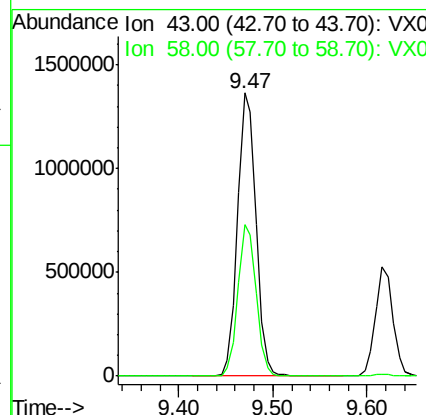
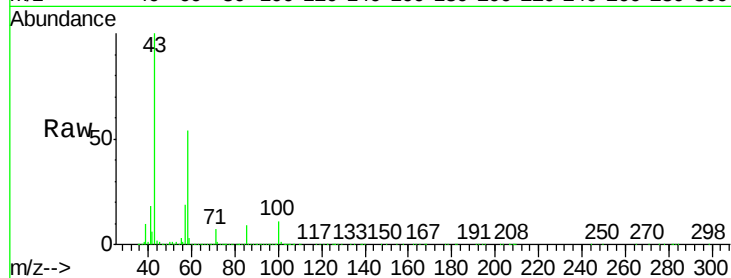
#59
2-Hexanone
Concen: 252.086 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1846517
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8

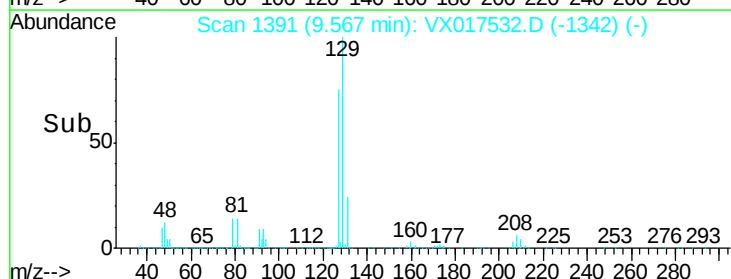
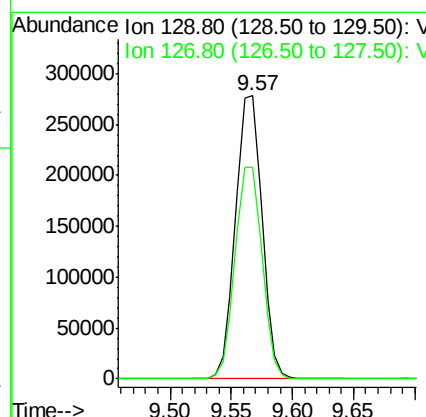
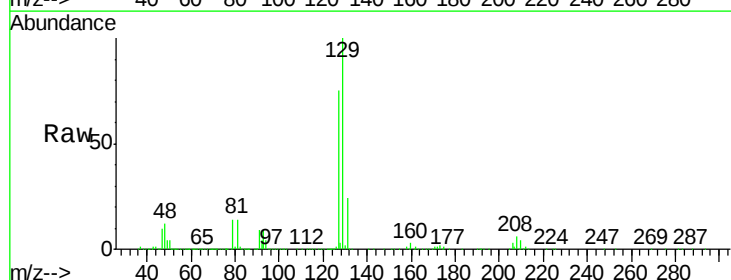
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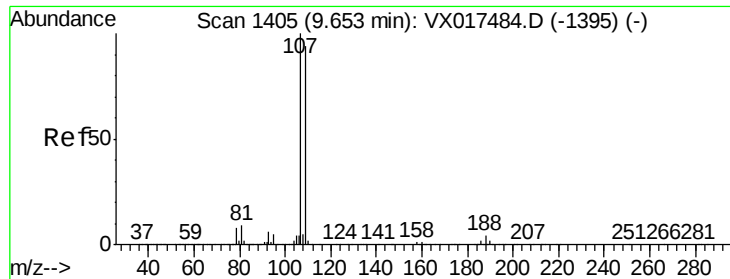
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#60
Dibromochloromethane
Concen: 47.482 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 129 Resp: 417511
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





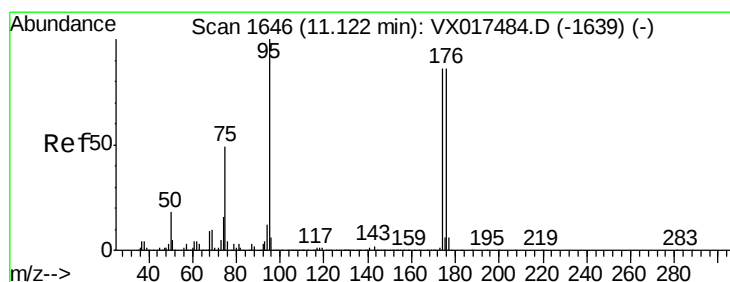
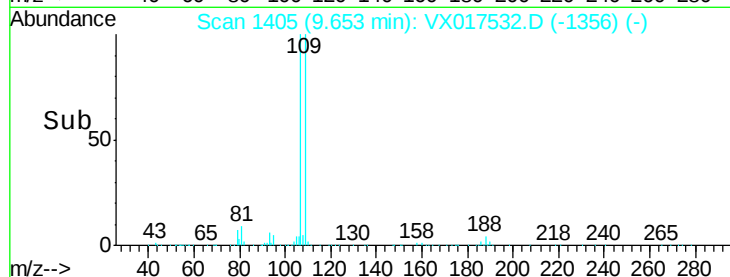
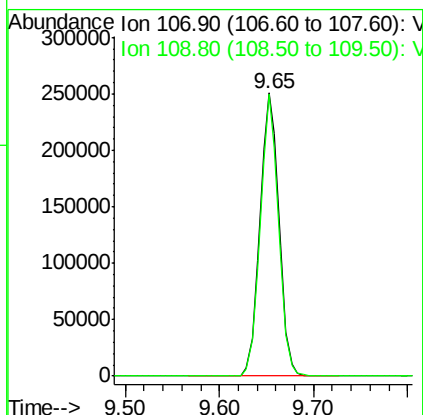
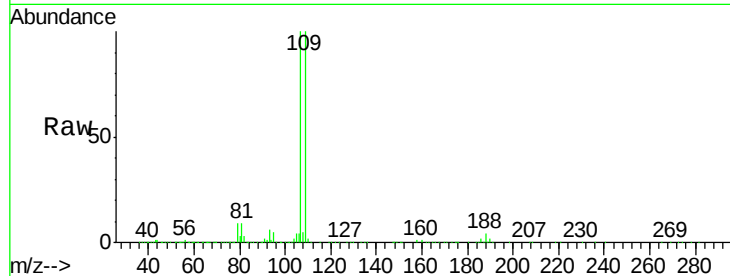
#61
 1,2-Dibromoethane
 Concen: 48.770 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 359208
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.9 112.3

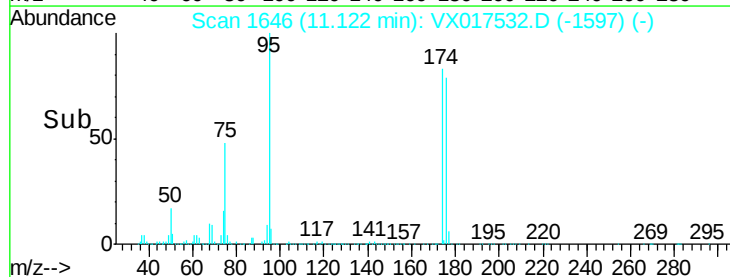
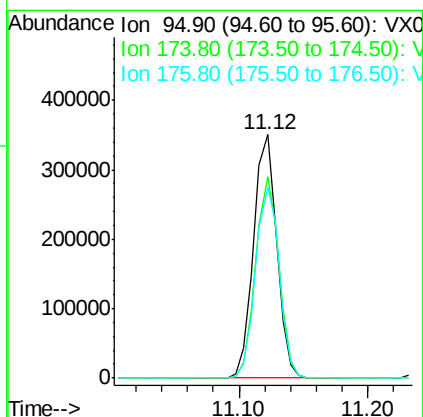
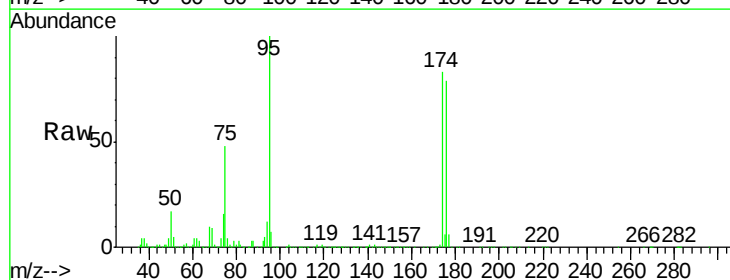
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#62
 4-Bromofluorobenzene
 Concen: 47.342 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion: 95 Resp: 430497
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 169.0
 176 80.7 0.0 161.0





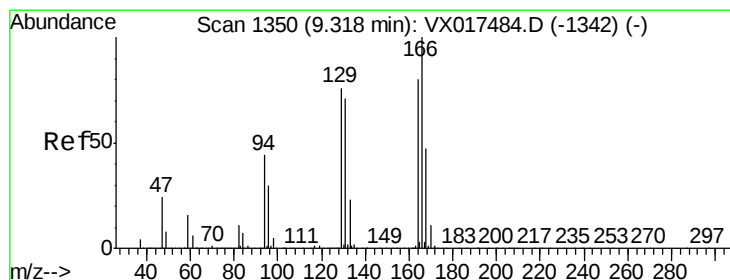
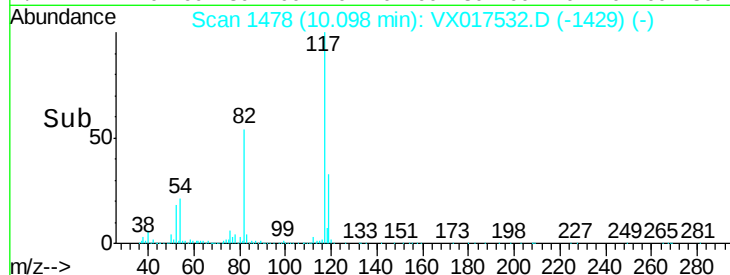
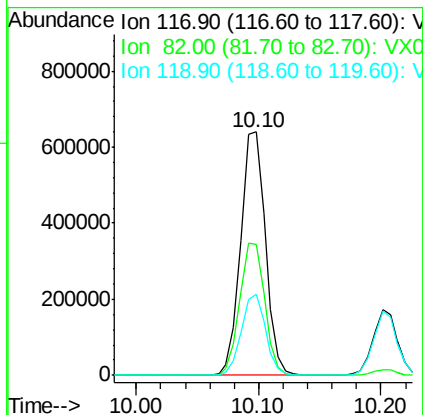
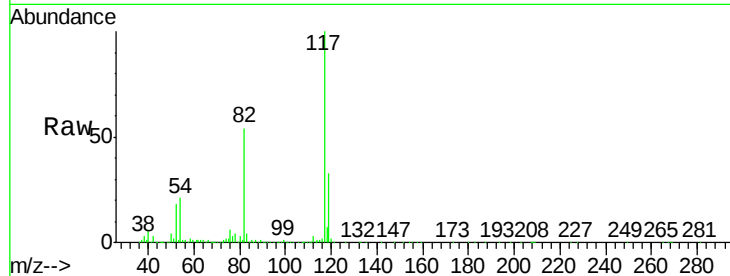
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	897820		
82	53.6	44.0	66.0	
119	33.5	25.4	38.0	

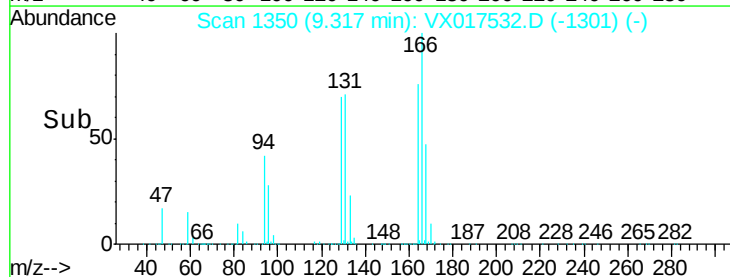
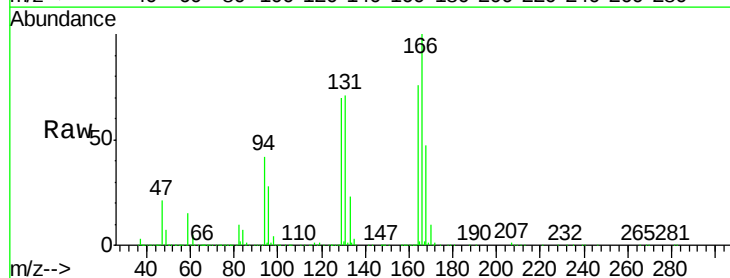
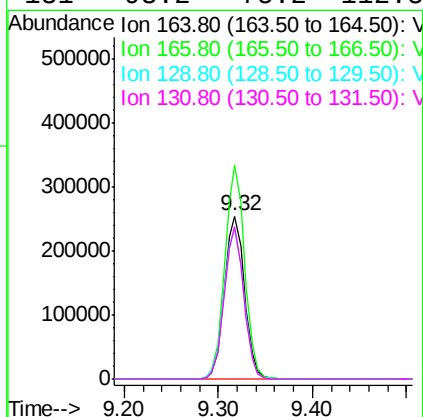
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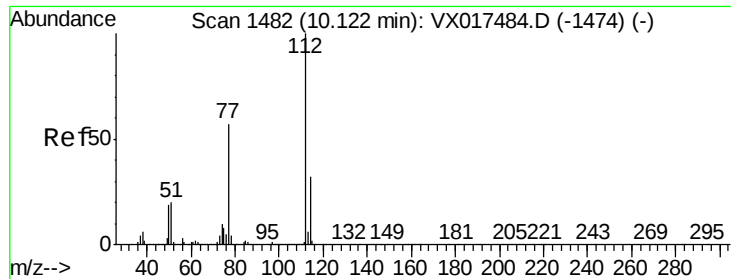
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#64
Tetrachloroethene
Concen: 46.634 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	375788		
166	131.1	100.6	150.8	
129	91.8	75.0	112.6	
131	93.2	75.2	112.8	





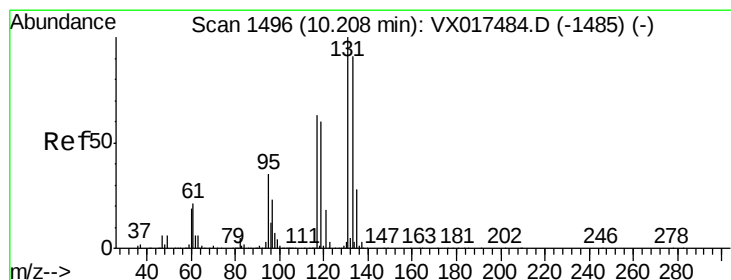
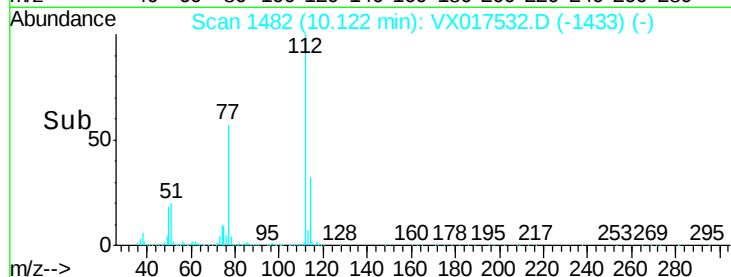
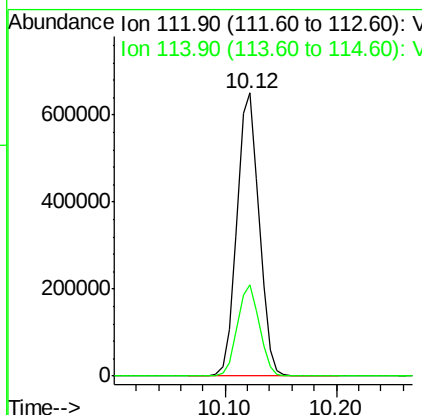
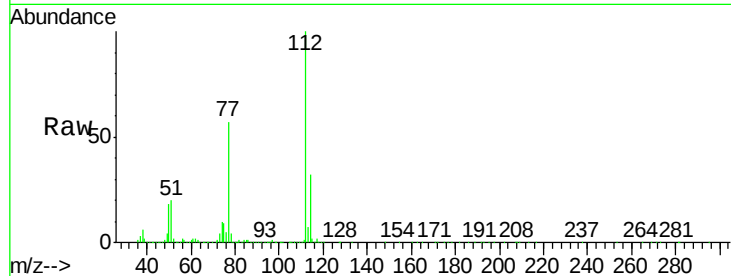
#65
Chlorobenzene
Concen: 46.225 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

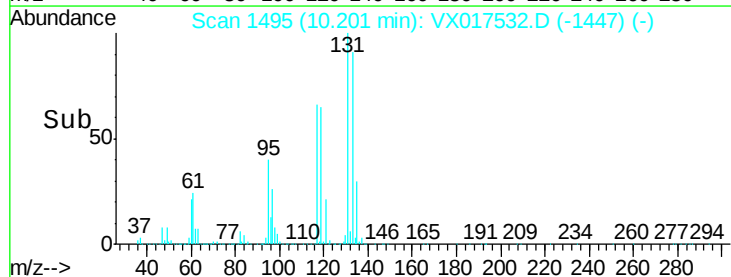
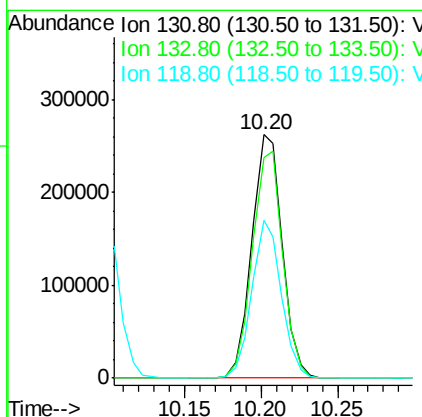
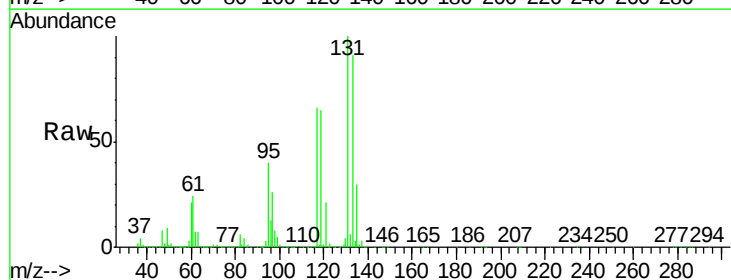
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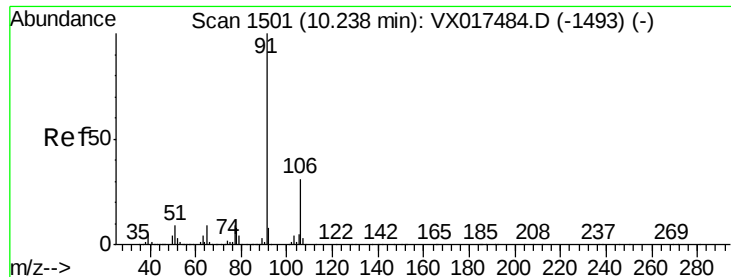
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.248 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.9	143.6
119	62.3	31.1	93.3





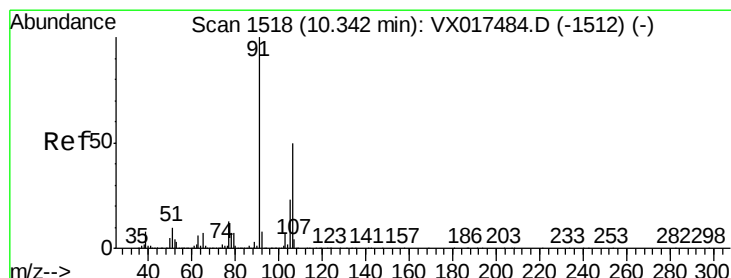
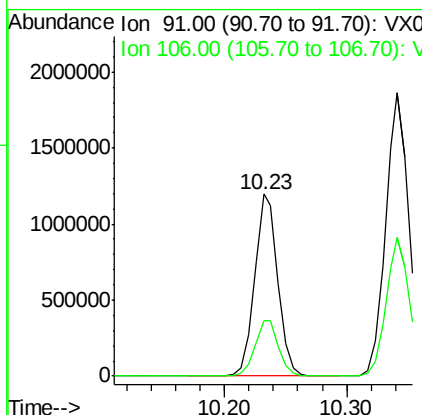
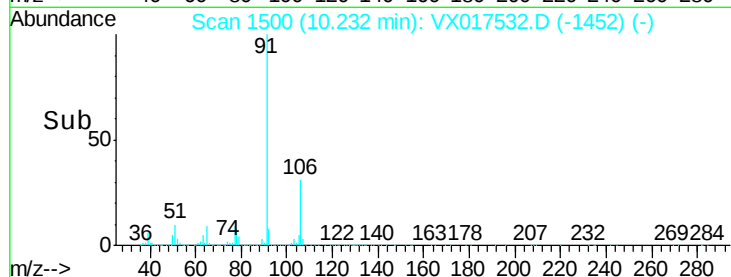
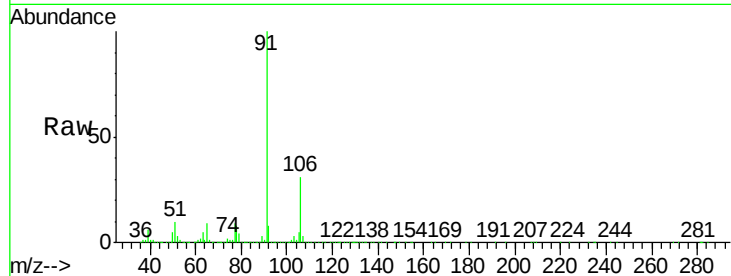
#67
Ethyl Benzene
Concen: 48.498 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1573254
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6

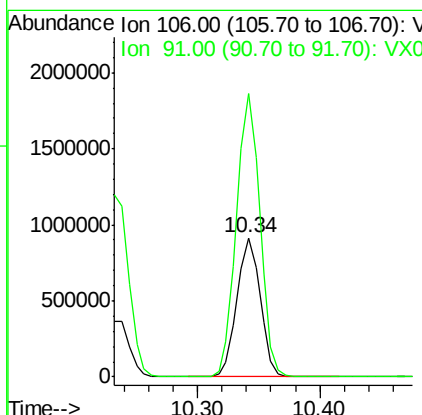
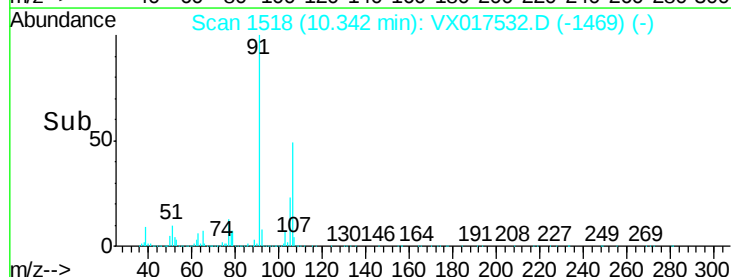
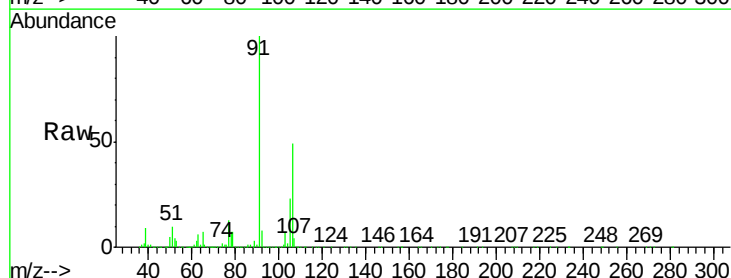
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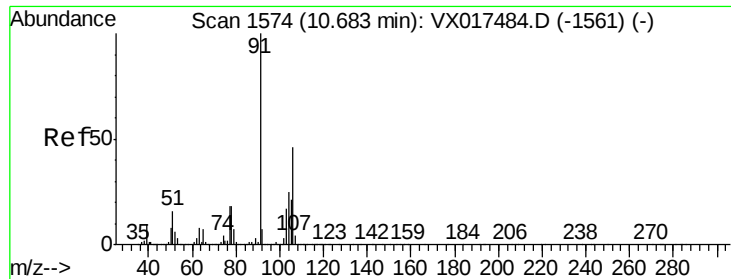
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#68
m/p-Xylenes
Concen: 95.950 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 106 Resp: 1205806
Ion Ratio Lower Upper
106 100
91 204.6 160.9 241.3





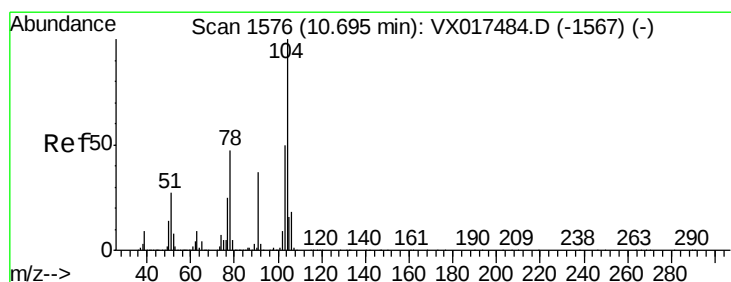
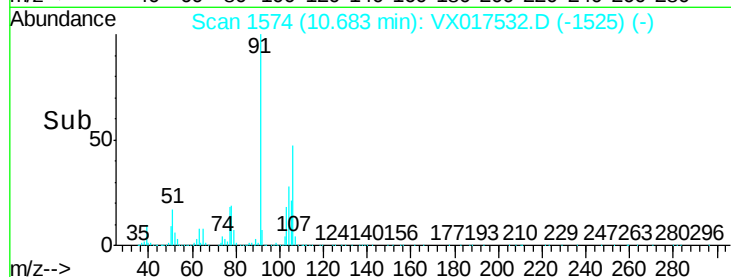
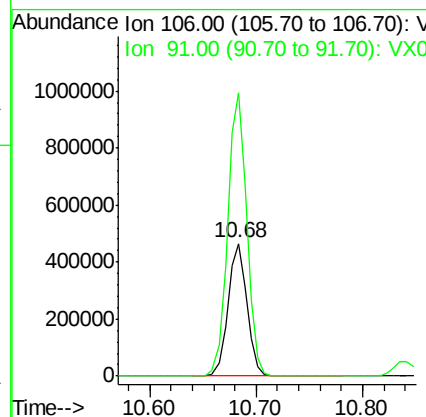
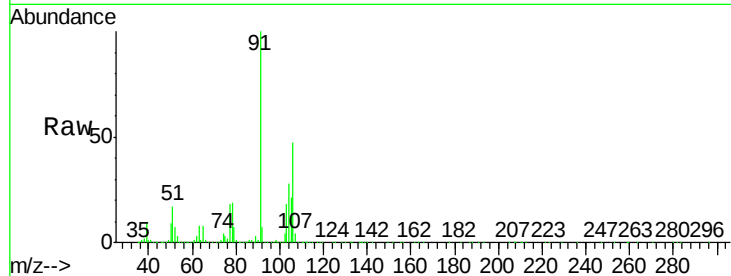
#69
o-Xylene
Concen: 47.636 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 575767
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6

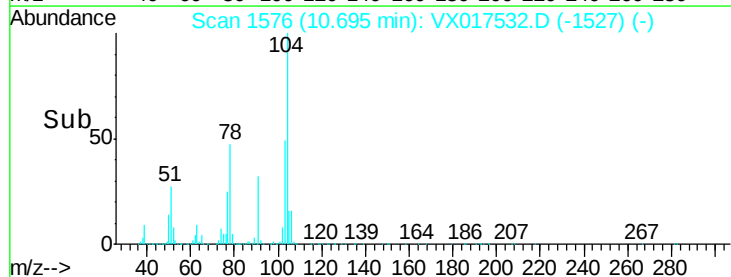
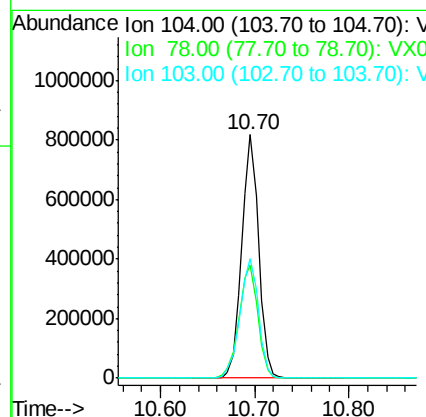
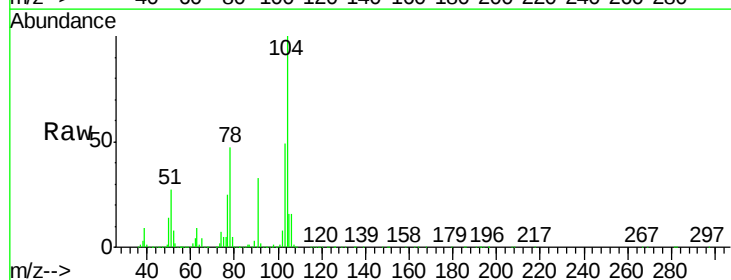
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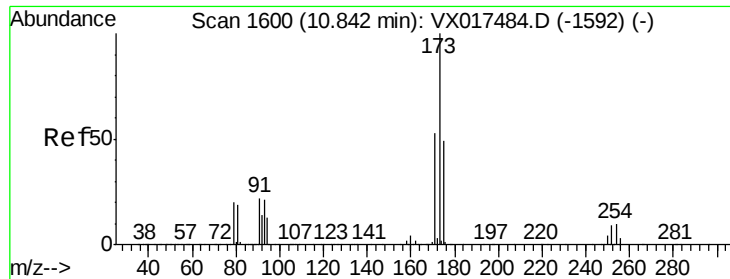
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#70
Styrene
Concen: 49.656 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:104 Resp: 1021151
Ion Ratio Lower Upper
104 100
78 51.7 42.5 63.7
103 53.9 44.3 66.5





#71

Bromoform

Concen: 48.022 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 326316
Ion Ratio Lower Upper

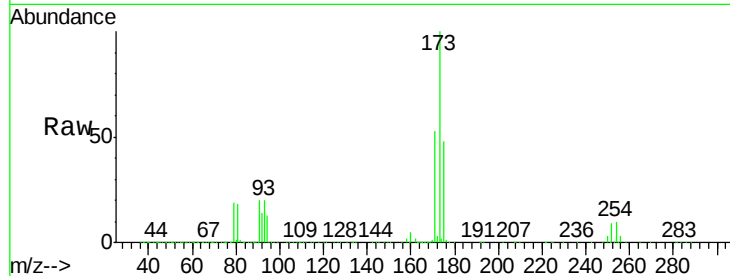
173 100

175 48.2 23.8 71.5

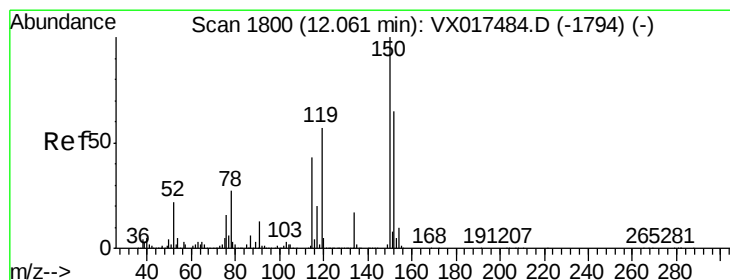
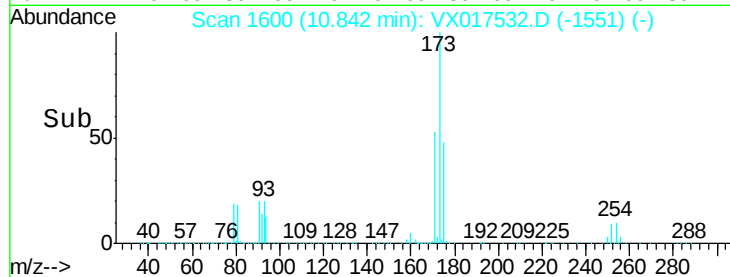
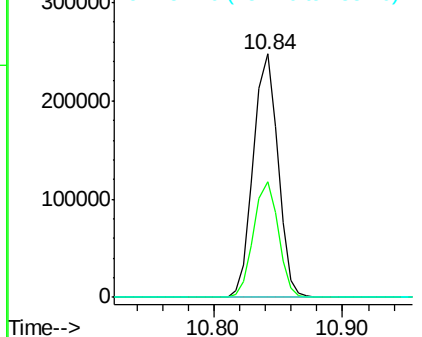
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017532.D

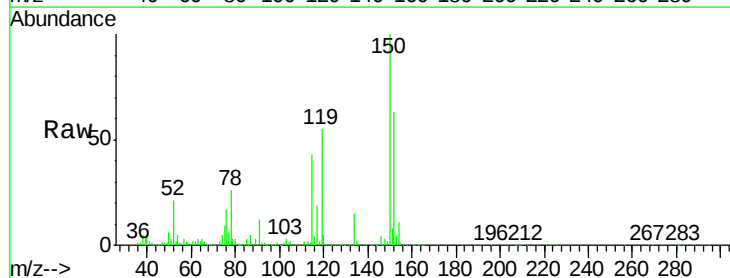
Acq: 24 Jul 2020 10:44

Tgt Ion:152 Resp: 490555
Ion Ratio Lower Upper

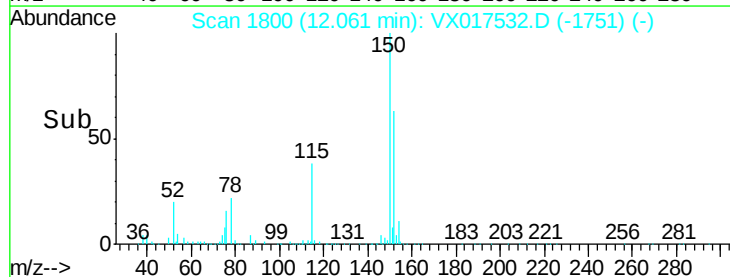
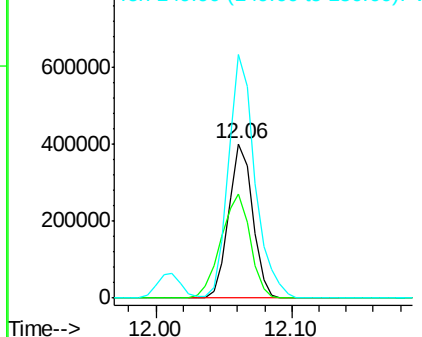
152 100

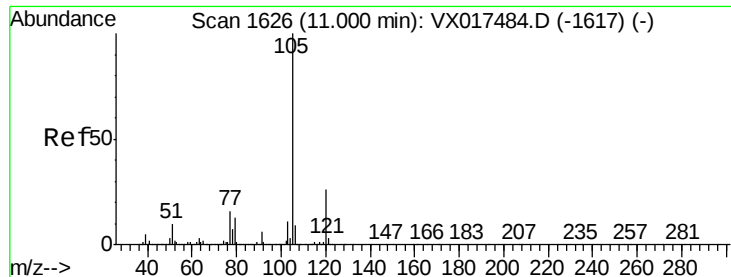
115 82.0 65.5 196.6

150 173.4 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: 47.249 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1590080

Ion Ratio Lower Upper

105 100

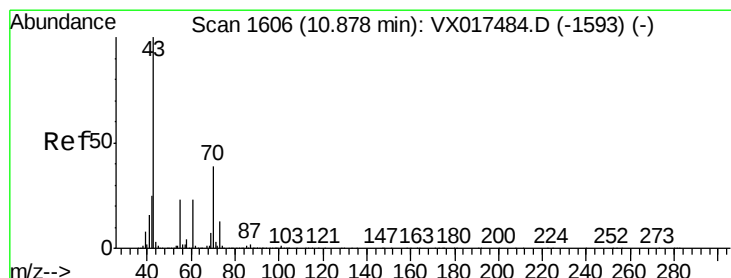
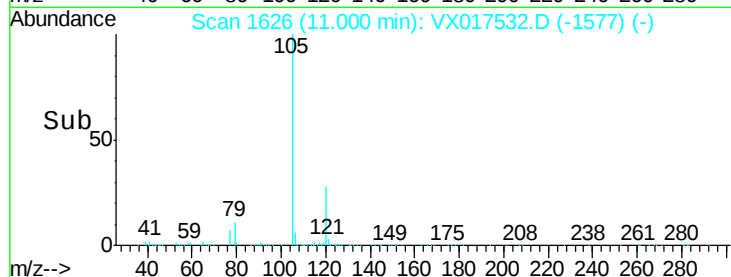
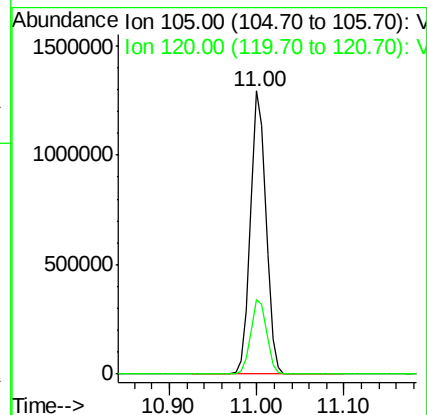
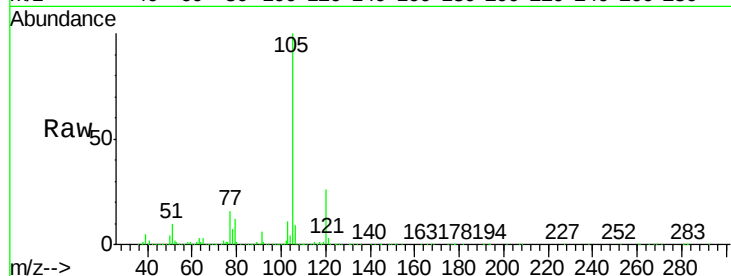
120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 47.839 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion: 43 Resp: 715294

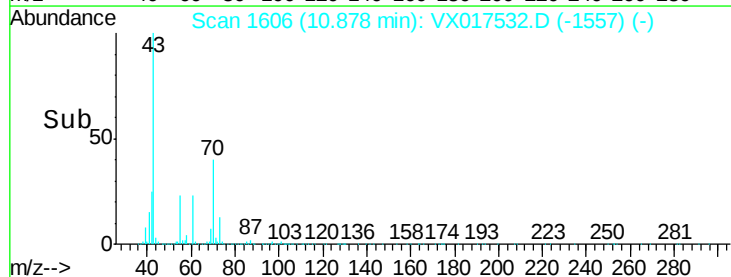
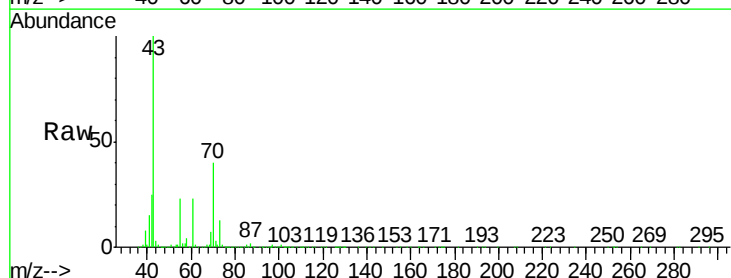
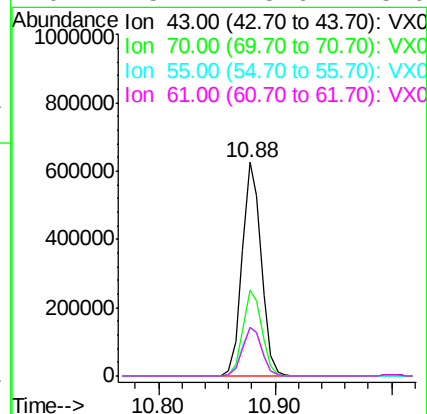
Ion Ratio Lower Upper

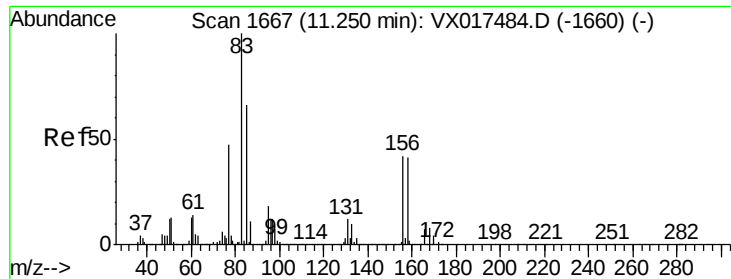
43 100

70 40.4 32.3 48.5

55 23.9 18.4 27.6

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.080 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 473533

Ion Ratio Lower Upper

83 100

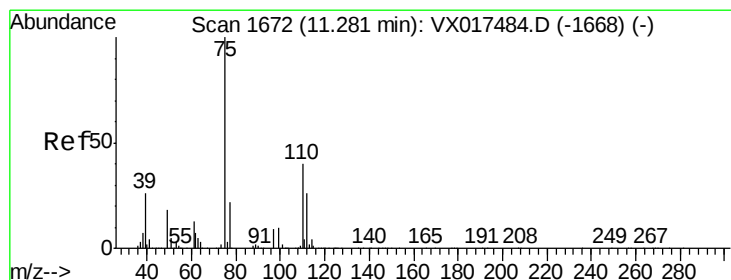
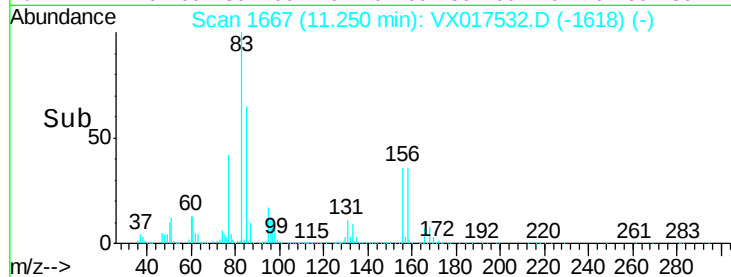
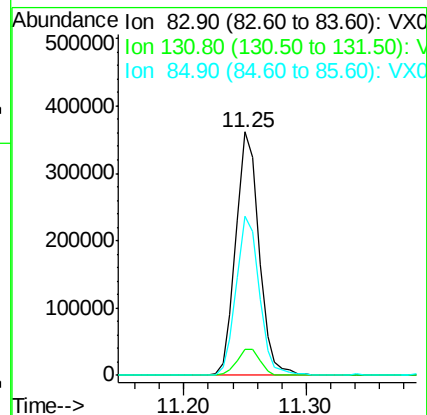
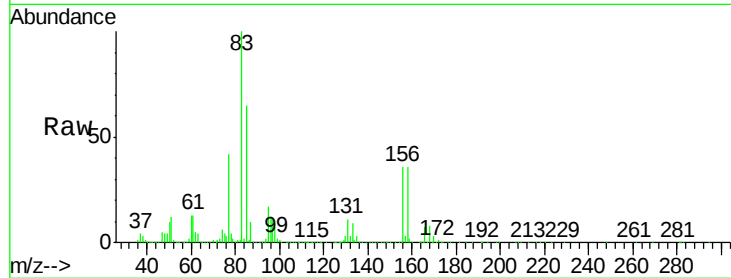
131 11.0 5.5 16.5

85 65.4 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 46.904 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017532.D

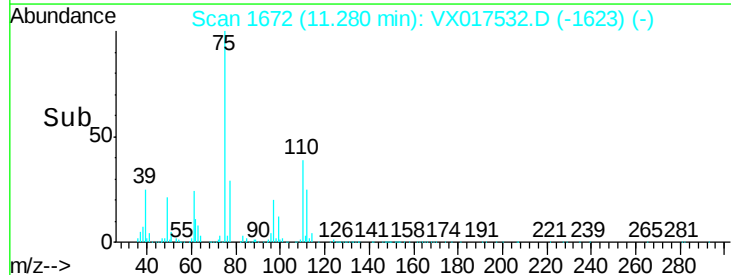
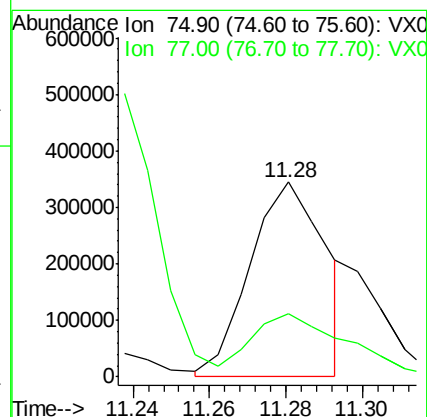
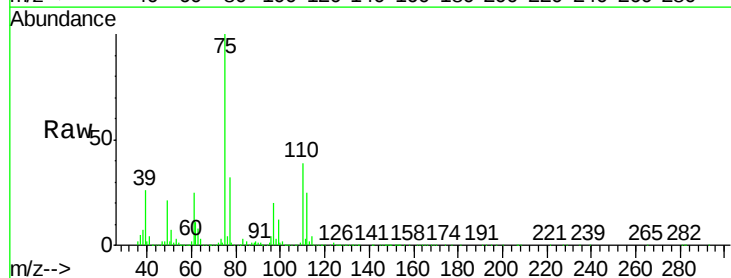
Acq: 24 Jul 2020 10:44

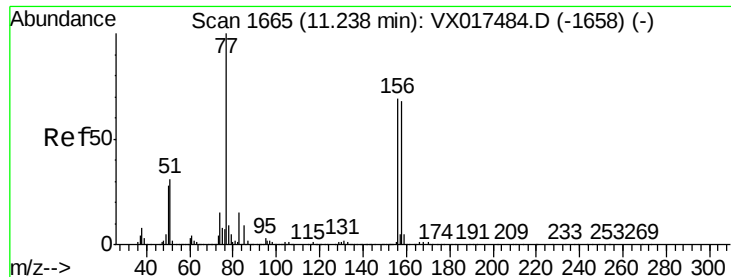
Tgt Ion: 75 Resp: 473309

Ion Ratio Lower Upper

75 100

77 40.8 21.8 65.3





#77

Bromobenzene

Concen: 45.643 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

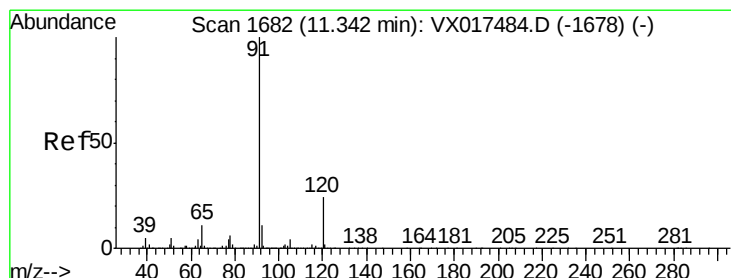
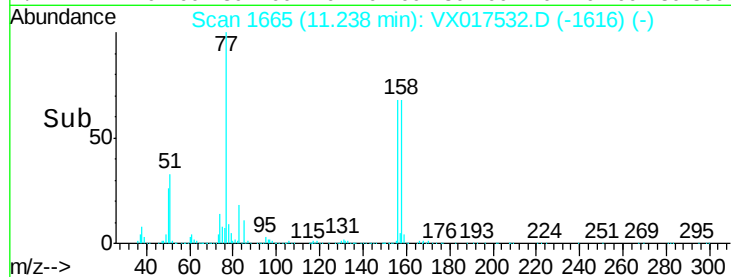
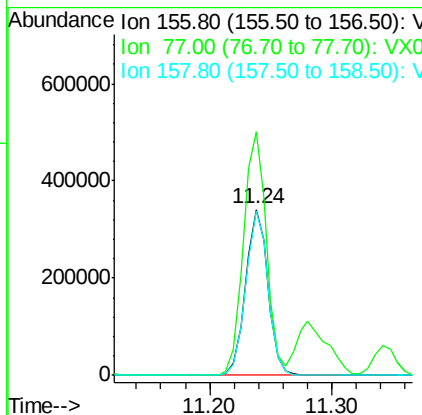
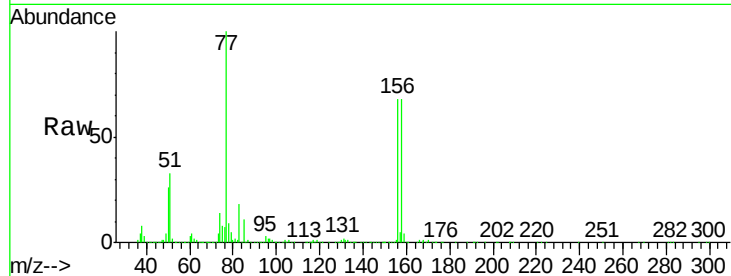
ClientSampleId :

VSTDCCC050

Tgt	Ion	Resp	Lower	Upper
156	100			
77	151.1	75.0	225.0	
158	98.9	49.1	147.3	

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#78

n-propylbenzene

Concen: 47.902 ug/l

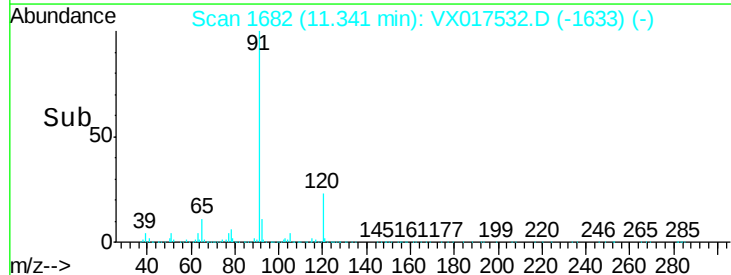
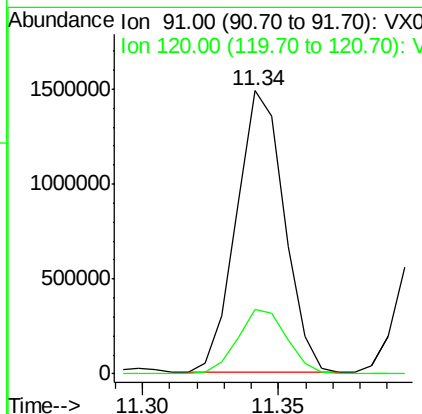
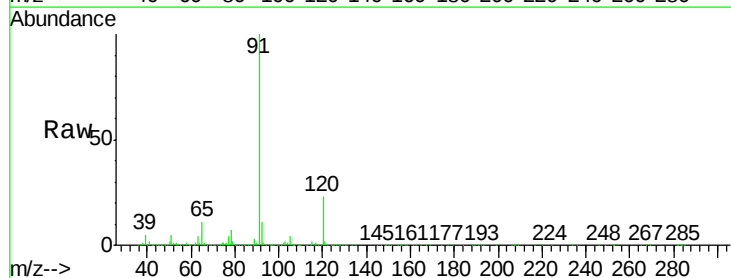
RT: 11.34 min Scan# 1682

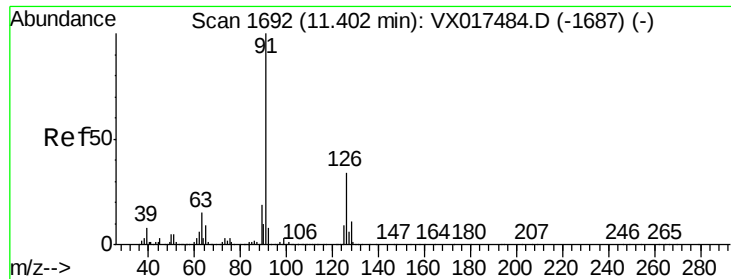
Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt	Ion	Resp	Lower	Upper
91	100			
120	23.7	12.2	36.4	





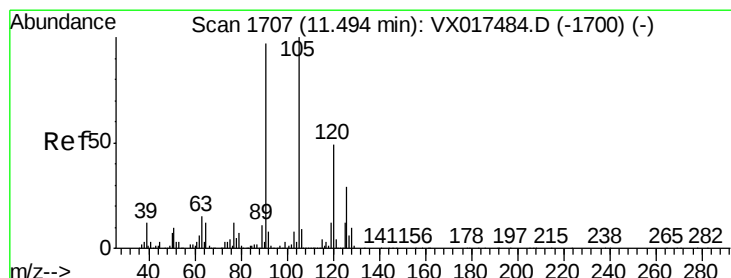
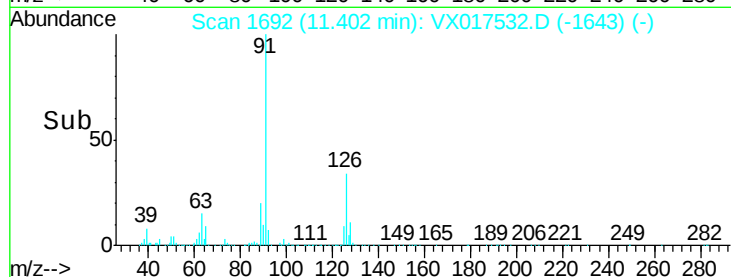
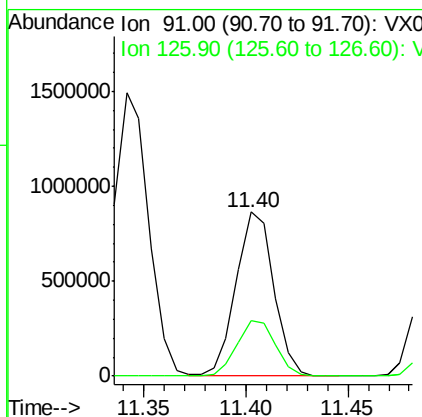
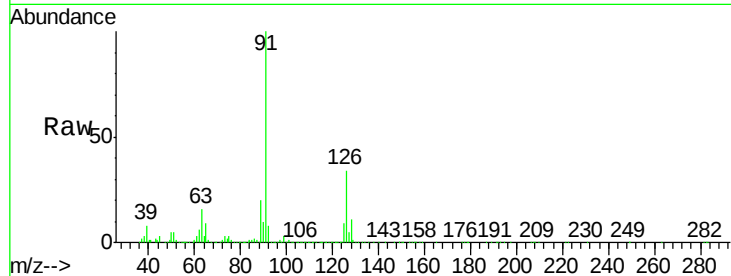
#79
2-Chlorotoluene
Concen: 46.870 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1101984
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

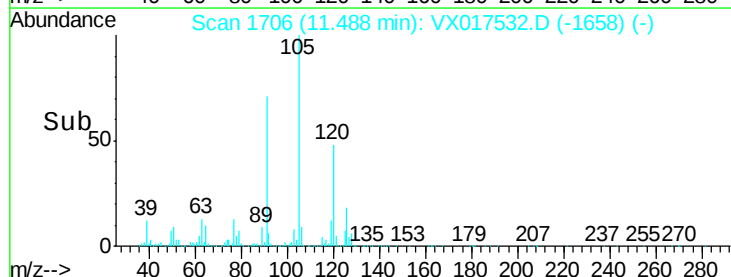
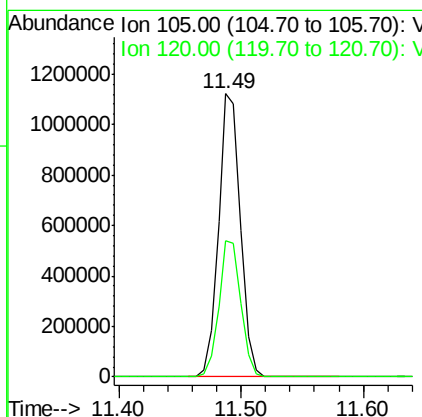
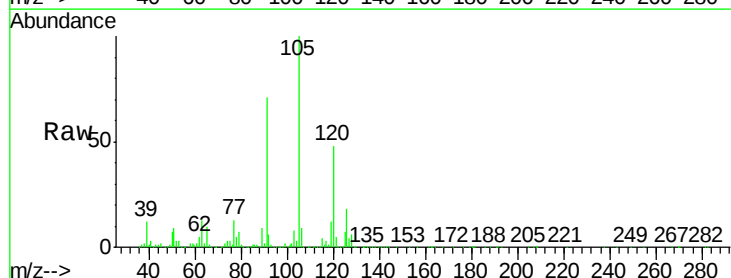
Manual Integrations
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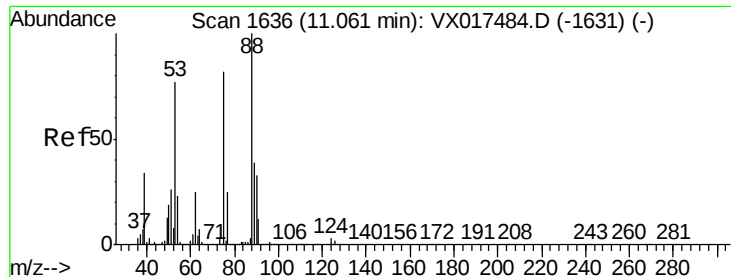
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#80
1,3,5-Trimethylbenzene
Concen: 48.488 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 105 Resp: 1393223
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





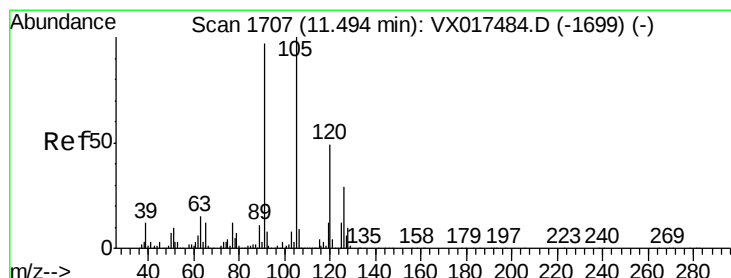
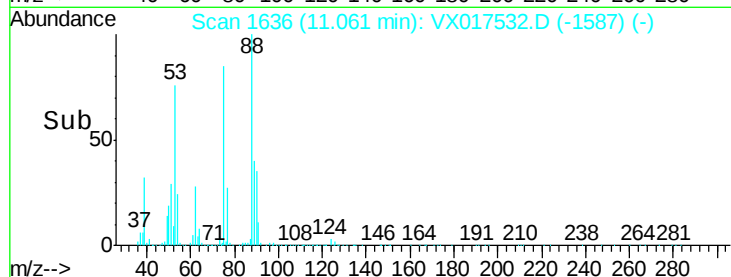
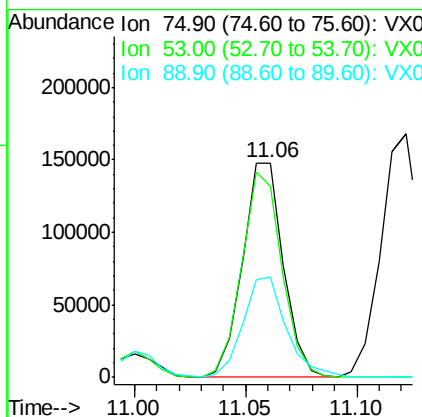
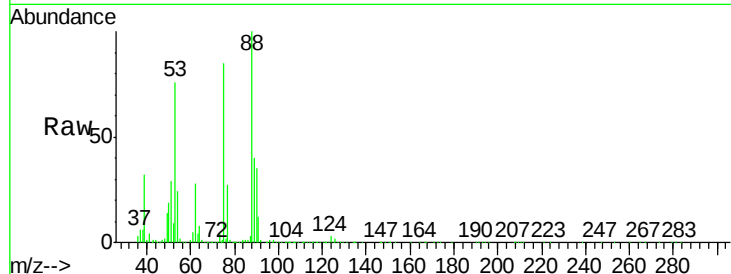
#81
trans-1,4-Dichloro-2-butene
Concen: 46.990 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.0	75.9	113.9
89	50.2	37.8	56.6

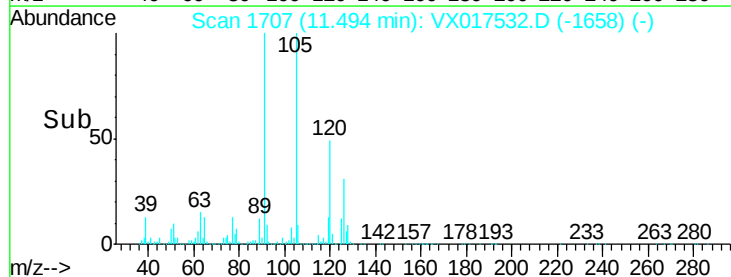
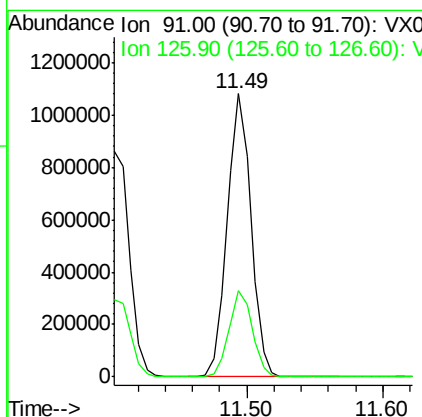
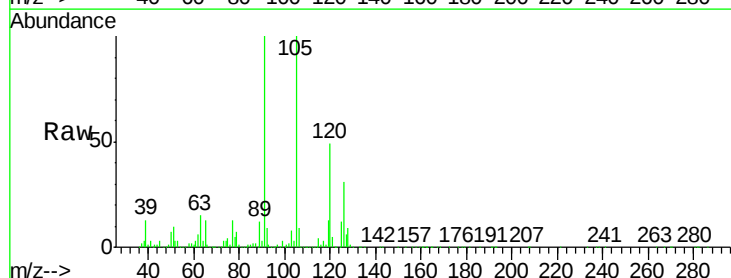
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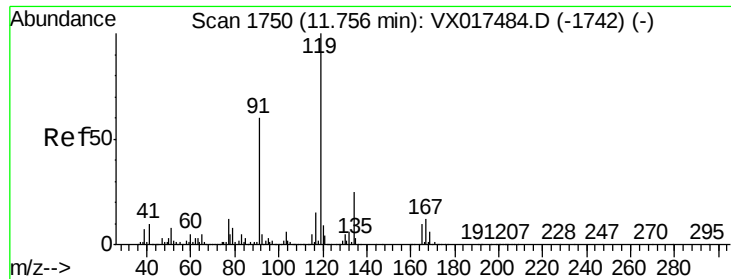
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.243 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





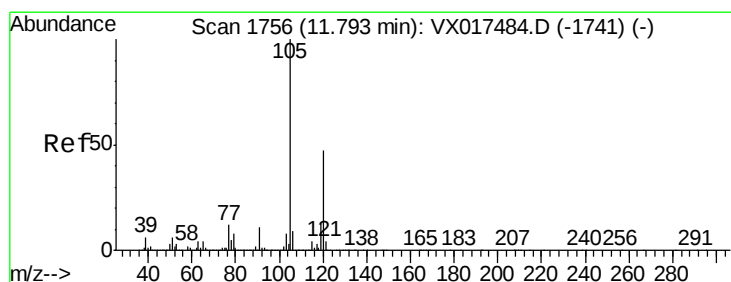
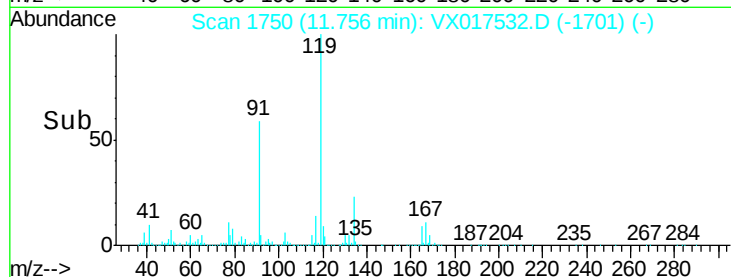
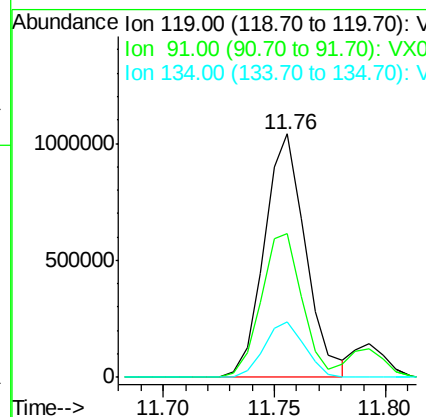
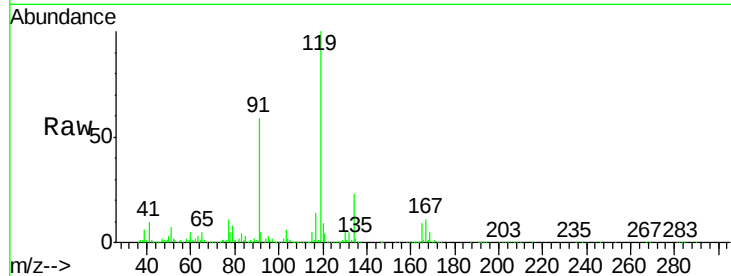
#83
 tert-Butylbenzene
 Concen: 48.750 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.3	88.0
134	22.5	11.2	33.6

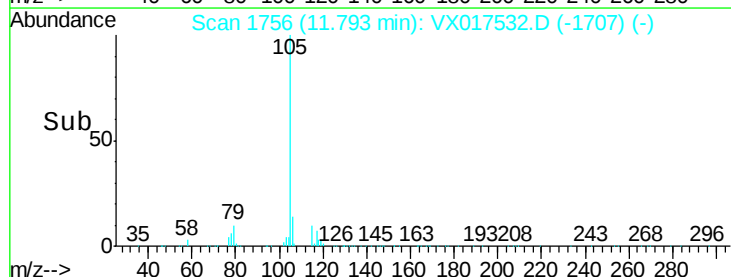
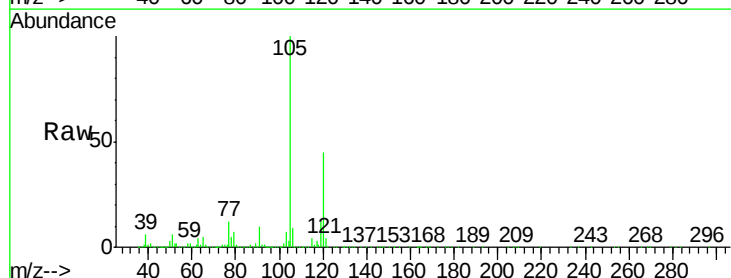
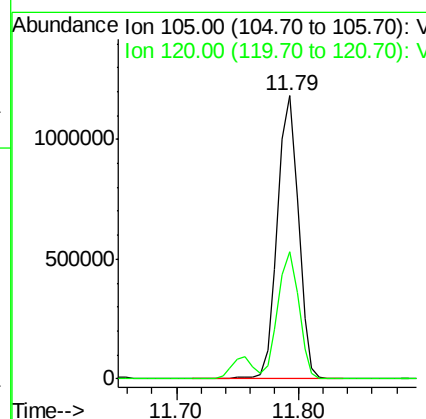
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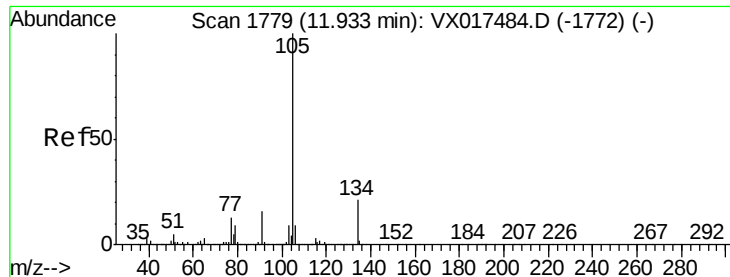
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.503 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.0





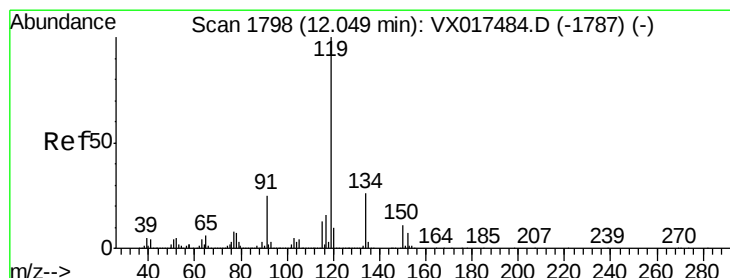
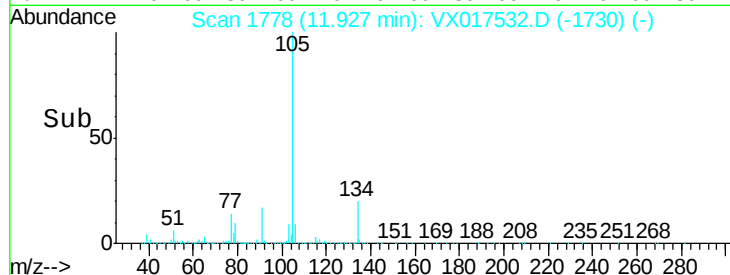
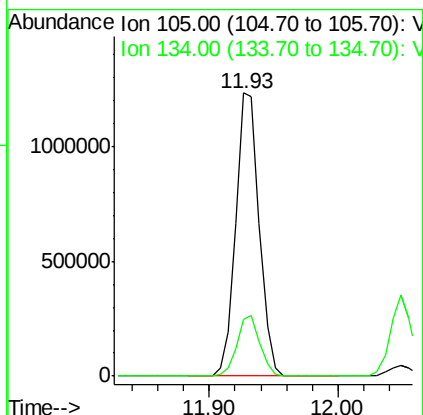
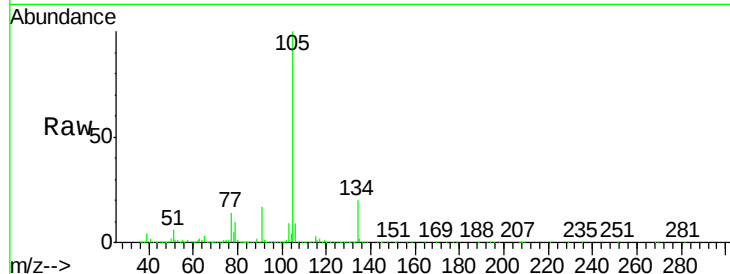
#85
 sec-Butylbenzene
 Concen: 48.710 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1560088
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

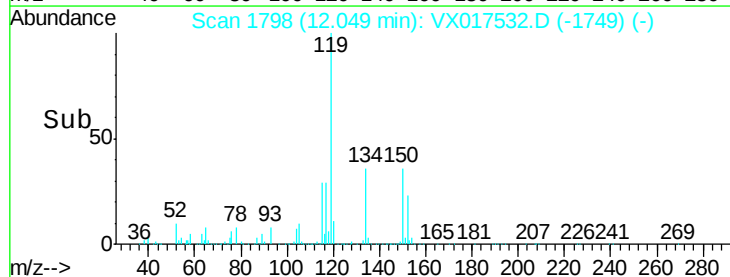
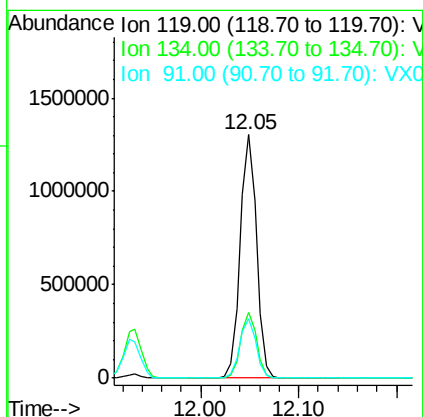
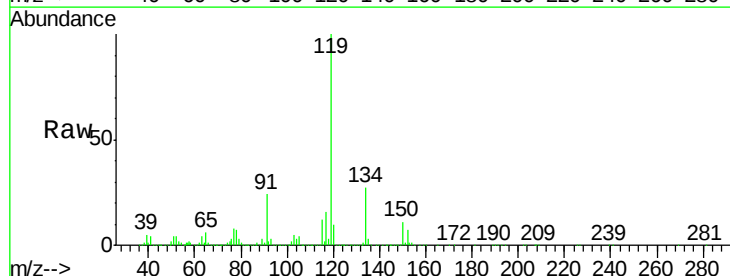
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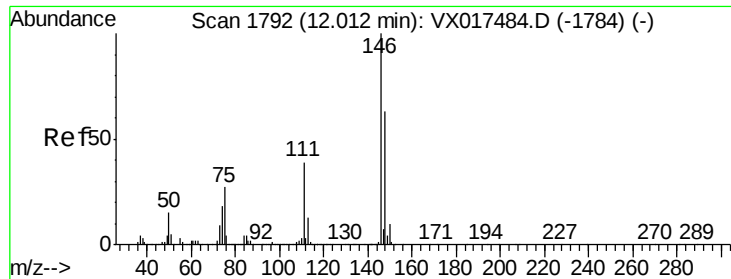
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#86
 p-Isopropyltoluene
 Concen: 49.521 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion:119 Resp: 1510396
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.3 12.1 36.3





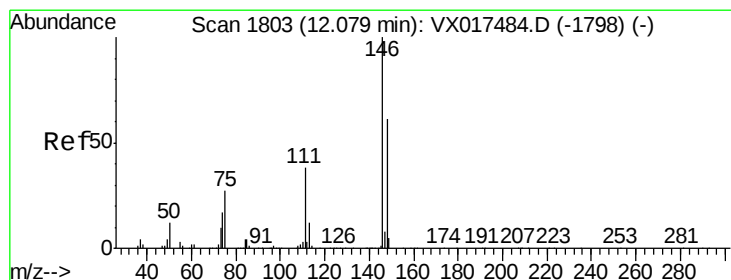
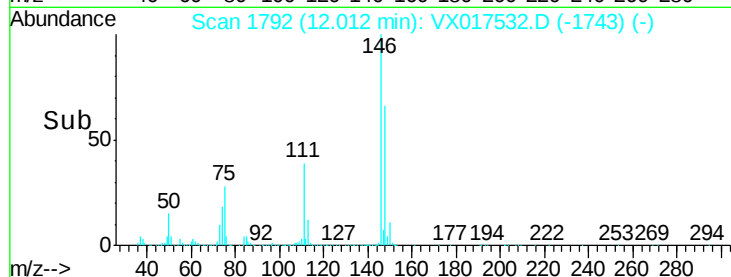
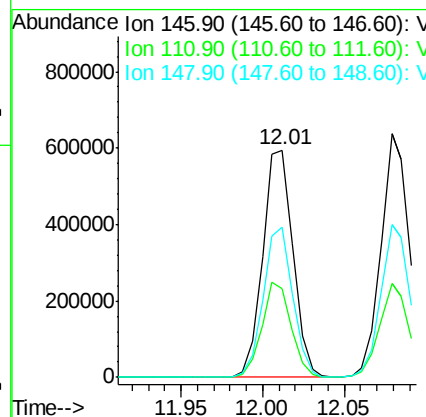
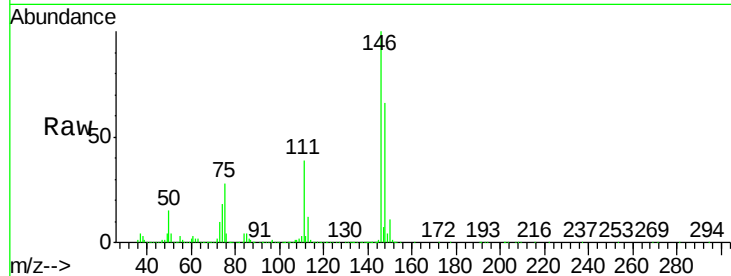
#87
 1,3-Dichlorobenzene
 Concen: 47.343 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	64.3	31.6	95.0

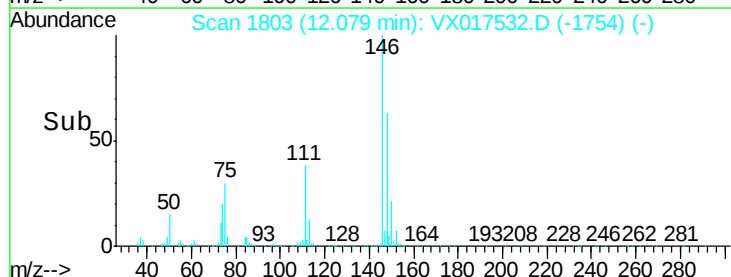
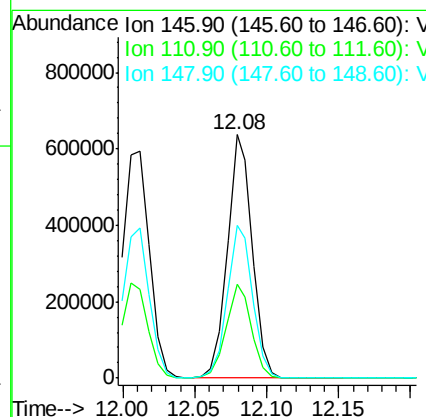
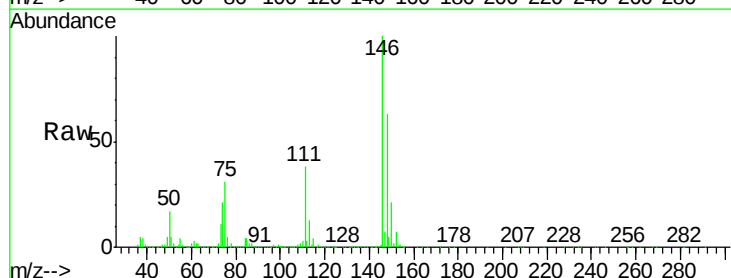
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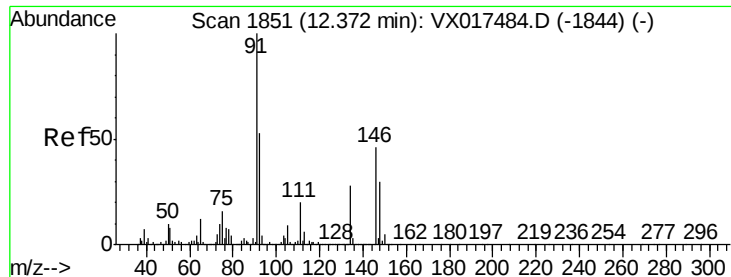
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#88
 1,4-Dichlorobenzene
 Concen: 46.027 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	64.1	32.2	96.6





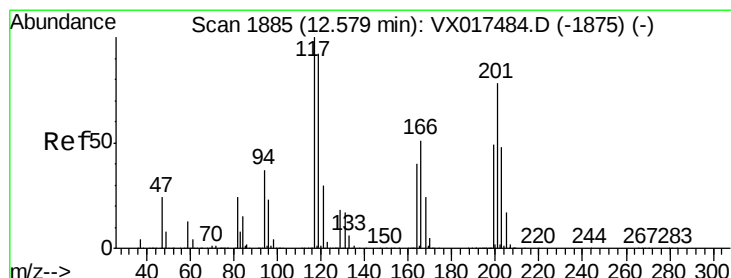
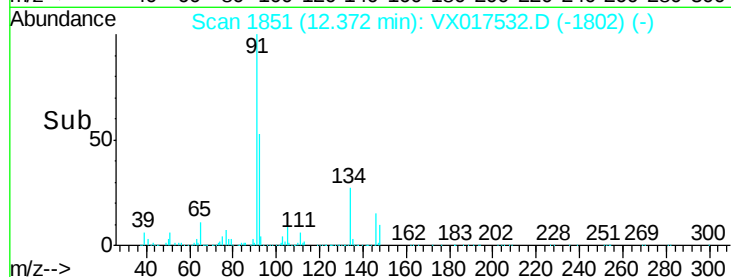
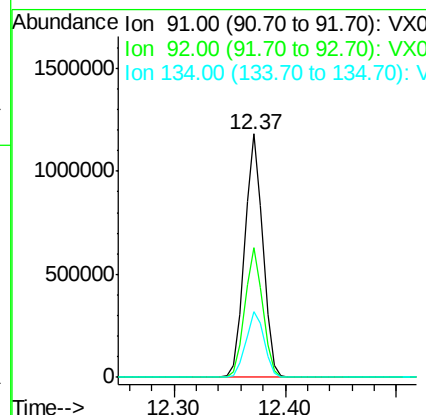
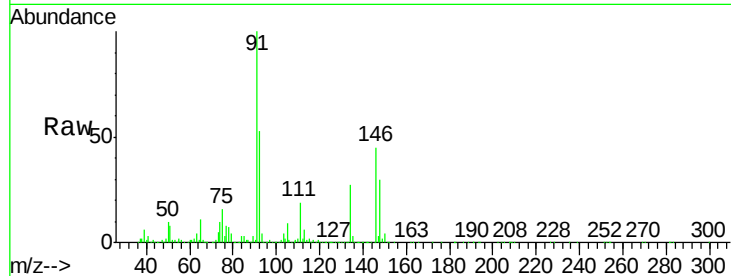
#89
n-Butylbenzene
Concen: 48.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1321107
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 27.3 13.6 40.7

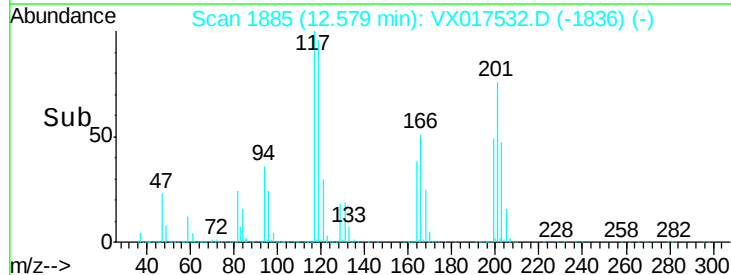
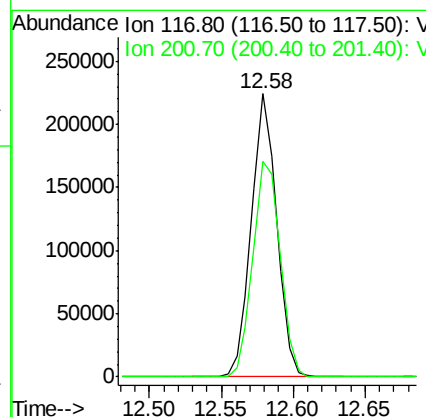
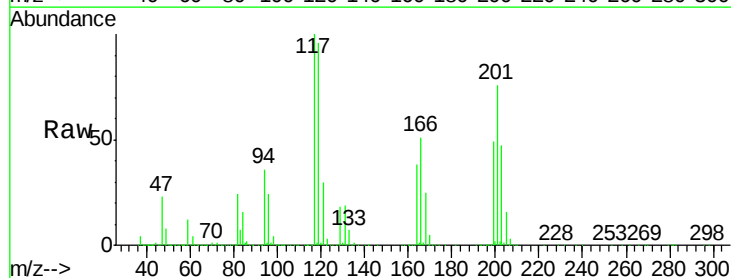
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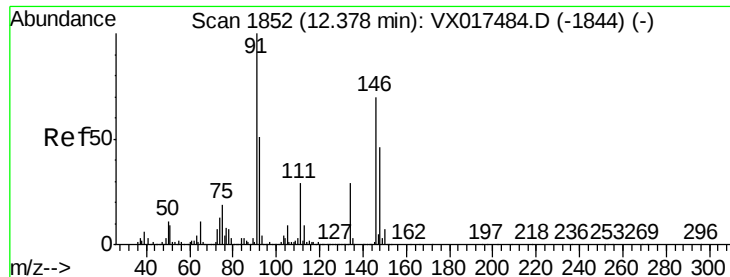
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#90
Hexachloroethane
Concen: 45.198 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 117 Resp: 271781
Ion Ratio Lower Upper
117 100
201 82.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 45.201 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

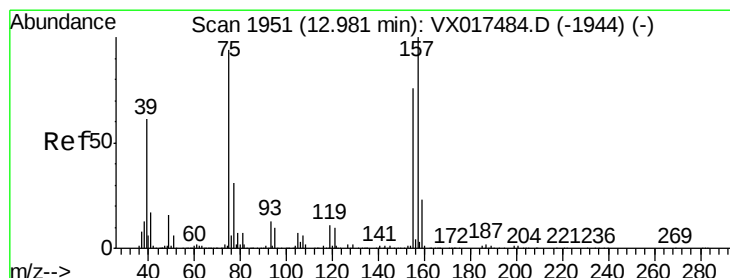
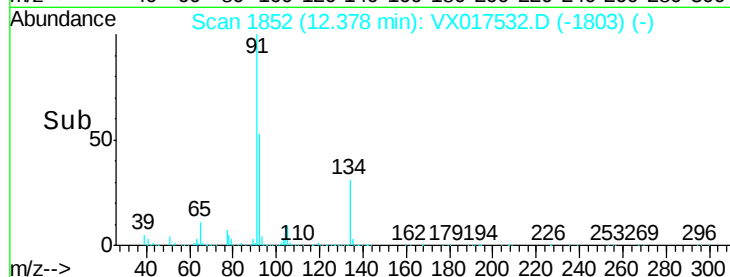
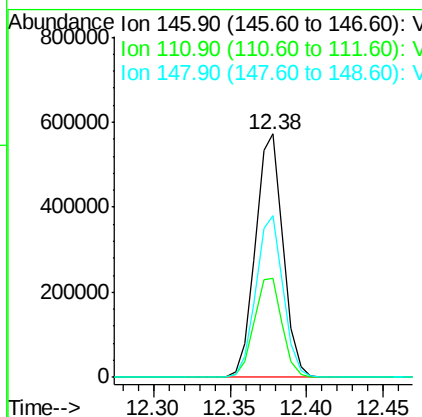
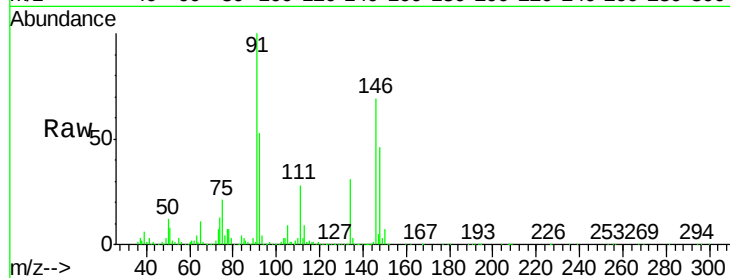
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	718724
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.9	62.8
148	65.6	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 41.795 ug/l

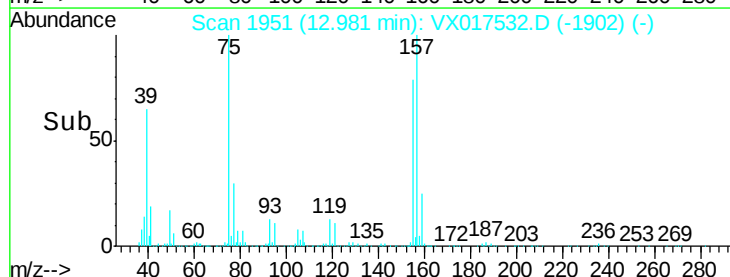
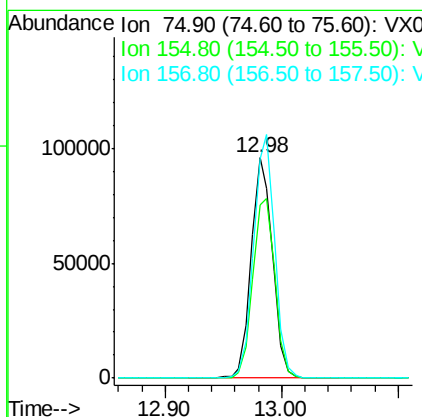
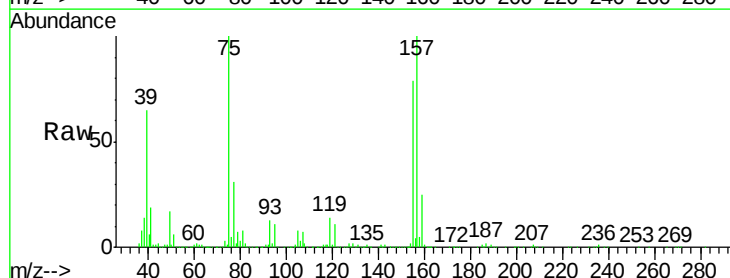
RT: 12.98 min Scan# 1951

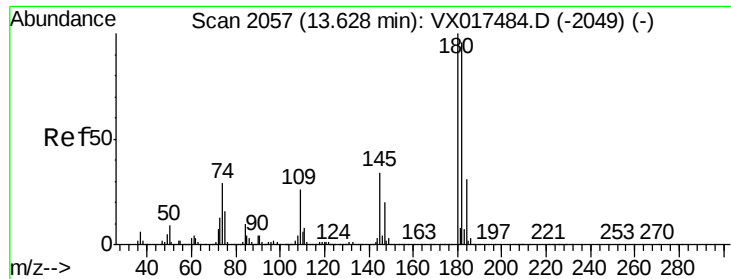
Delta R.T. 0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion:	75	Resp:	122832
Ion Ratio	Lower	Upper	
75	100		
155	84.3	42.3	126.8
157	108.5	54.3	162.9





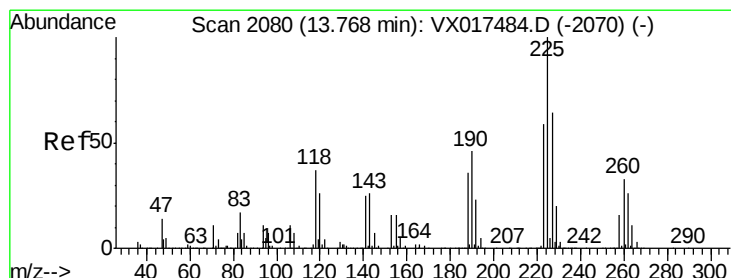
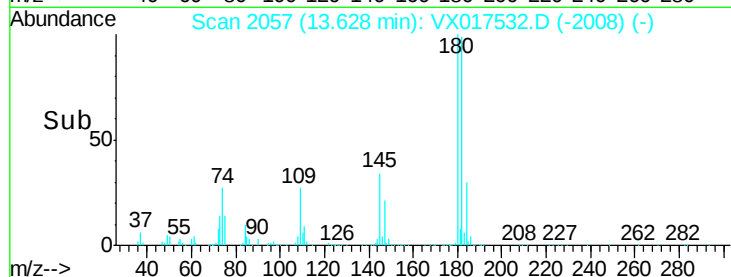
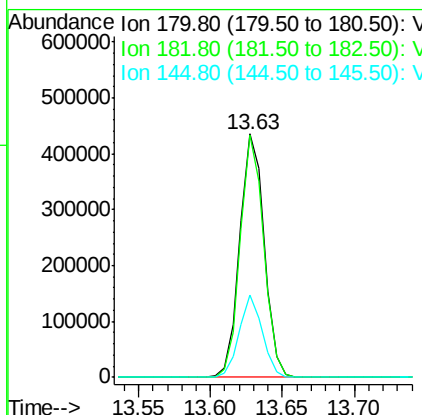
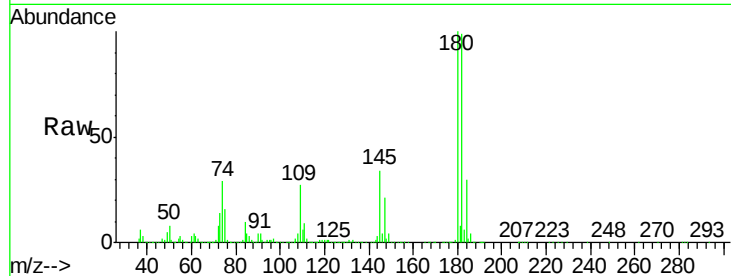
#93
 1,2,4-Trichlorobenzene
 Concen: 47.340 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	513733		
182	95.7	47.5	142.6	
145	31.9	15.4	46.4	

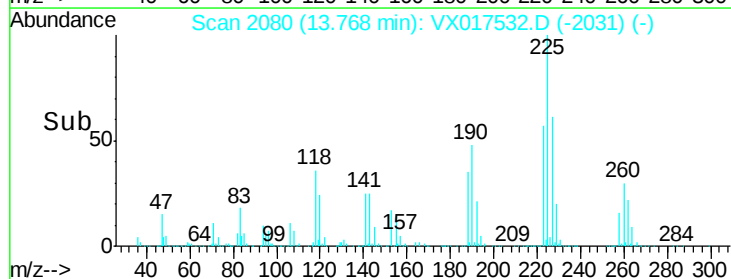
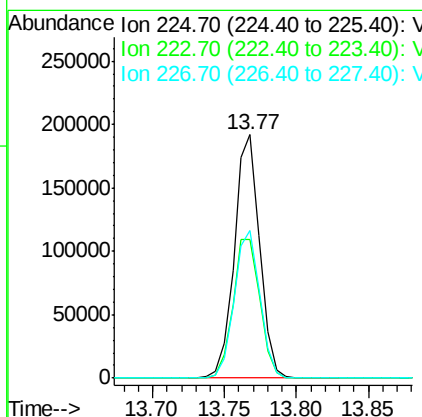
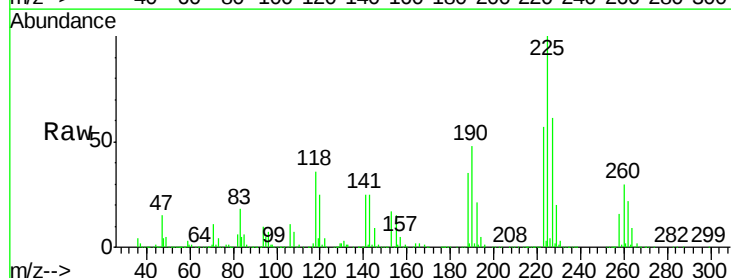
Manual Integrations
 APPROVED

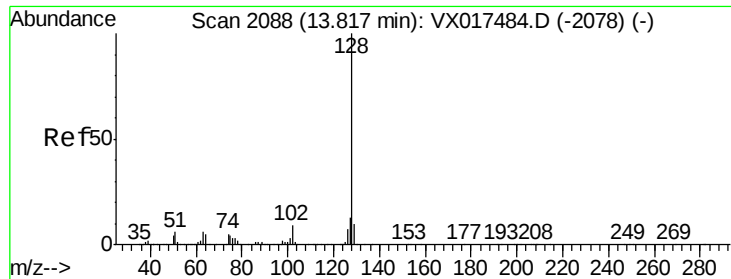
MMDadoda
 7/27/2020 11:04:01 AM



#94
 Hexachlorobutadiene
 Concen: 46.927 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	234419		
223	61.3	30.3	90.9	
227	61.8	31.1	93.2	





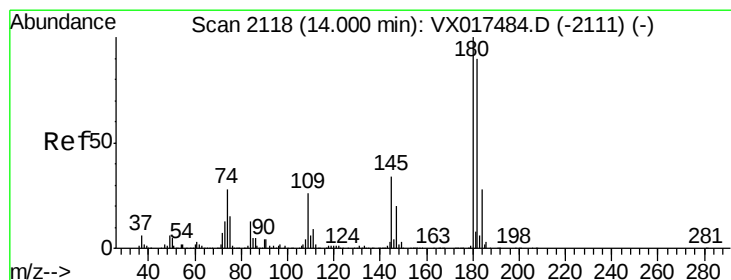
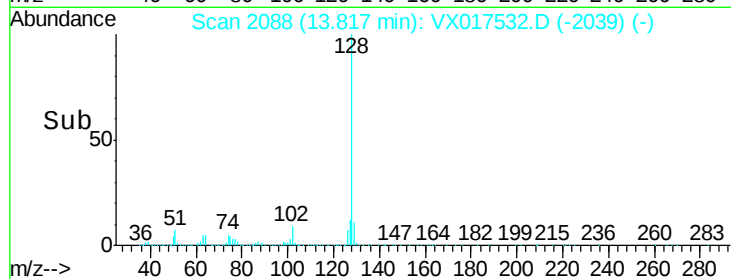
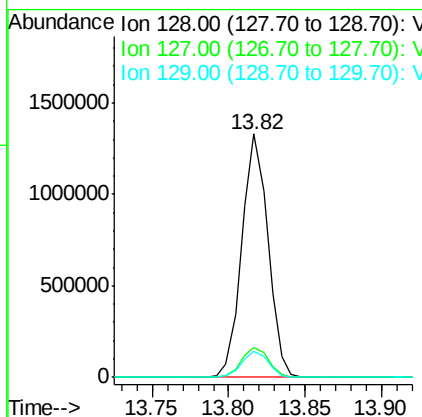
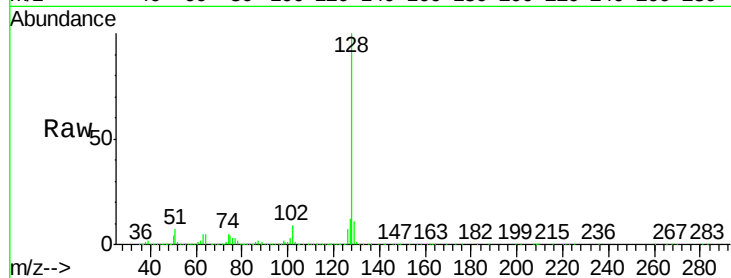
#95
Naphthalene
Concen: 48.789 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1580544
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:04:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.669 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:180 Resp: 500064
Ion Ratio Lower Upper
180 100
182 98.5 47.4 142.3
145 33.5 16.3 48.9

