

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075347.D
 Acq On : 14 Feb 2023 17:10
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 15 03:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	45818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	73835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	67438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28493	53.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.805	113	28344	54.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.500%	
50) Toluene-d8	10.269	98	102438	52.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.575	95	34546	53.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16550	44.496	ug/l	95
3) Chloromethane	2.146	50	29905	46.767	ug/l	99
4) Vinyl Chloride	2.281	62	33225	43.588	ug/l	99
5) Bromomethane	2.693	94	20751	42.548	ug/l	100
6) Chloroethane	2.834	64	23362	44.427	ug/l	98
7) Trichlorofluoromethane	3.175	101	44224	46.661	ug/l	100
8) Diethyl Ether	3.587	74	12726	49.949	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	26998	50.198	ug/l	99
10) Methyl Iodide	4.164	142	30992	47.657	ug/l	94
11) Tert butyl alcohol	5.058	59	7242	227.157	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	24777	48.316	ug/l	99
13) Acrolein	3.799	56	3591	210.529	ug/l	86
14) Allyl chloride	4.569	41	41585	48.739	ug/l	91
15) Acrylonitrile	5.252	53	32104	272.724	ug/l	98
16) Acetone	4.022	43	38574	271.531	ug/l	98
17) Carbon Disulfide	4.269	76	71661	45.295	ug/l	99
18) Methyl Acetate	4.558	43	20047	53.267	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	61566	52.292	ug/l	98
20) Methylene Chloride	4.799	84	33112	56.054	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	29281	50.458	ug/l	97
22) Diisopropyl ether	6.210	45	88736	52.287	ug/l	97
23) Vinyl Acetate	6.158	43	182574	313.379	ug/l	95
24) 1,1-Dichloroethane	6.111	63	55431	52.389	ug/l	97
25) 2-Butanone	7.081	43	44194	251.067	ug/l	100
26) 2,2-Dichloropropane	7.075	77	46971	50.153	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	32042	49.354	ug/l	95
28) Bromochloromethane	7.422	49	14108	53.732	ug/l	92
29) Tetrahydrofuran	7.446	42	25650	270.607	ug/l	96
30) Chloroform	7.599	83	56156	51.565	ug/l	89
31) Cyclohexane	7.881	56	43472	45.568	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	49634	50.952	ug/l	100
36) 1,1-Dichloropropene	8.010	75	41000	50.837	ug/l	96
37) Ethyl Acetate	7.169	43	16150	45.915	ug/l	97
38) Carbon Tetrachloride	7.993	117	40232	53.834	ug/l	98
39) Methylcyclohexane	9.275	83	46255	49.549	ug/l	97
40) Benzene	8.252	78	116537	51.413	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9436	44.971	ug/l	94
42) 1,2-Dichloroethane	8.328	62	34390	52.404	ug/l	100
43) Isopropyl Acetate	8.357	43	35782	53.240	ug/l	96
44) Trichloroethene	9.028	130	31531	50.464	ug/l	97
45) 1,2-Dichloropropane	9.304	63	30398	52.805	ug/l	99
46) Dibromomethane	9.393	93	17131	53.700	ug/l	93
47) Bromodichloromethane	9.581	83	42183	53.130	ug/l	95
48) Methyl methacrylate	9.381	41	17471	54.736	ug/l	93
49) 1,4-Dioxane	9.387	88	3041	999.648	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	95459	280.944	ug/l	96
52) Toluene	10.334	92	75447	52.845	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	38720	56.302	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	45219	54.995	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	22569	55.421	ug/l	95
56) Ethyl methacrylate	10.599	69	26634	56.258	ug/l	94
57) 1,3-Dichloropropane	10.881	76	37406	53.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43821	311.953	ug/l	99
59) 2-Hexanone	10.922	43	68986	277.903	ug/l	96
60) Dibromochloromethane	11.075	129	28174	55.841	ug/l	100
61) 1,2-Dibromoethane	11.181	107	20980	53.429	ug/l	100
64) Tetrachloroethene	10.810	164	25638	49.361	ug/l	96
65) Chlorobenzene	11.610	112	78390	51.544	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	29537	53.344	ug/l	97
67) Ethyl Benzene	11.687	91	148825	53.005	ug/l	100
68) m/p-Xylenes	11.793	106	113561	106.326	ug/l	99
69) o-Xylene	12.122	106	52203	52.326	ug/l	92
70) Styrene	12.134	104	92365	54.655	ug/l	99
71) Bromoform	12.304	173	16620	55.880	ug/l #	92
73) Isopropylbenzene	12.422	105	142805	49.398	ug/l	98
74) N-amyl acetate	12.234	43	32976	50.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	25910	51.516	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	20540m	50.675	ug/l	
77) Bromobenzene	12.698	156	32421	49.526	ug/l	94
78) n-propylbenzene	12.763	91	178470	49.614	ug/l	99
79) 2-Chlorotoluene	12.851	91	96425	48.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	121125	50.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6912	55.129	ug/l	92
82) 4-Chlorotoluene	12.951	91	102641	49.868	ug/l	99
83) tert-Butylbenzene	13.169	119	104190	50.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	121151	50.393	ug/l	99
85) sec-Butylbenzene	13.345	105	160329	50.363	ug/l	99
86) p-Isopropyltoluene	13.463	119	133602	51.303	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	66326	50.128	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	65466	49.448	ug/l	100
89) n-Butylbenzene	13.792	91	127990	50.343	ug/l	99
90) Hexachloroethane	14.057	117	26016	50.674	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	56619	49.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3875	49.673	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	35982	50.044	ug/l	99
94) Hexachlorobutadiene	15.210	225	19832	52.279	ug/l	98
95) Naphthalene	15.339	128	68184	50.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	31159	50.226	ug/l	99

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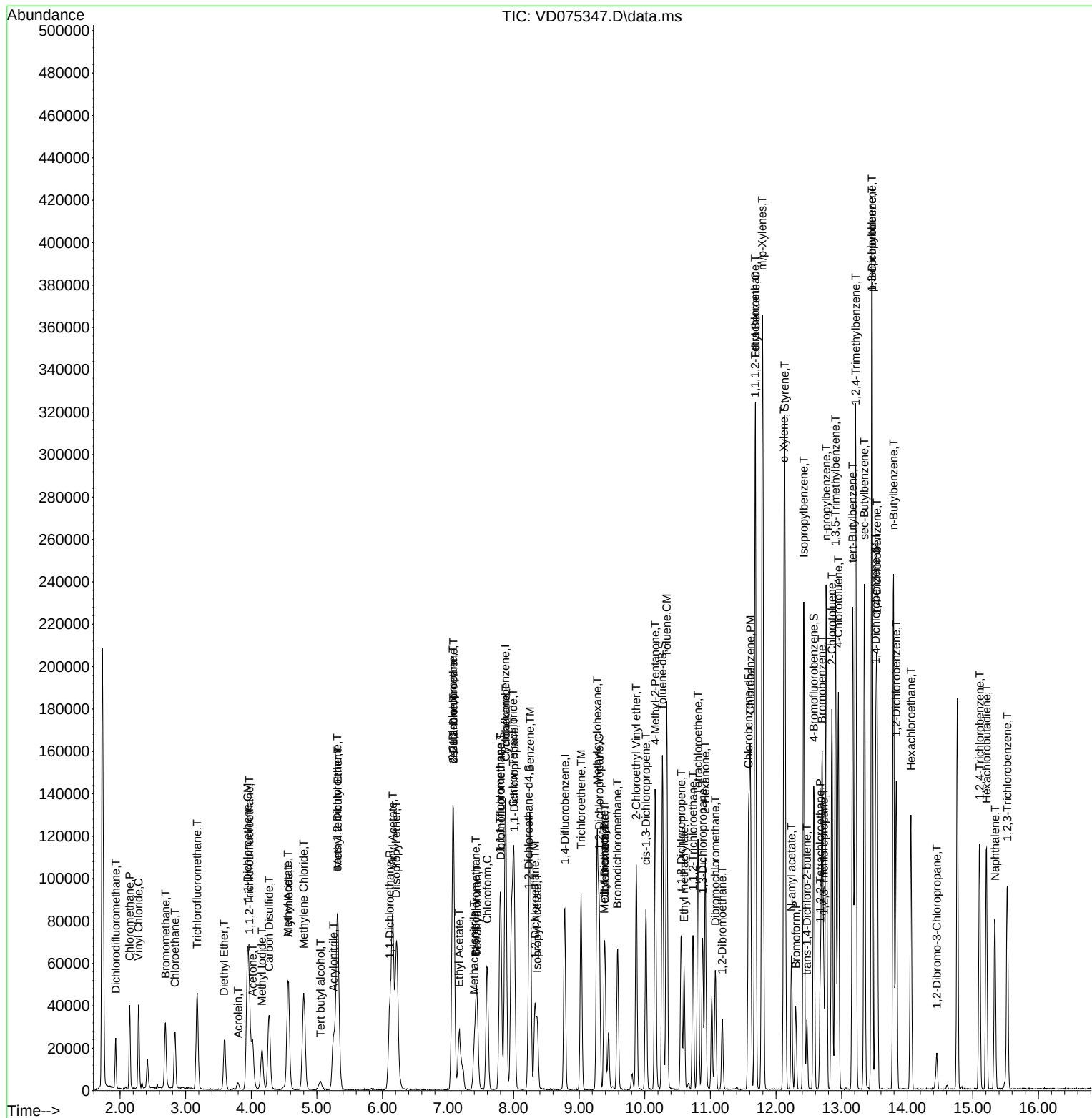
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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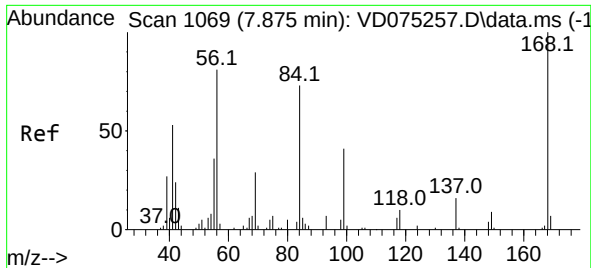
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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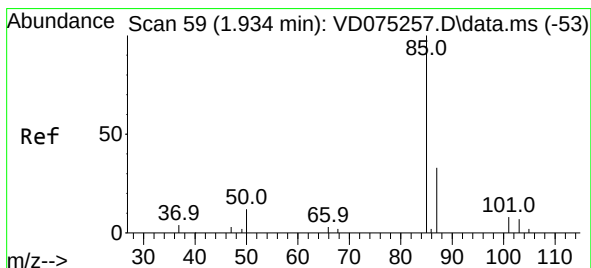
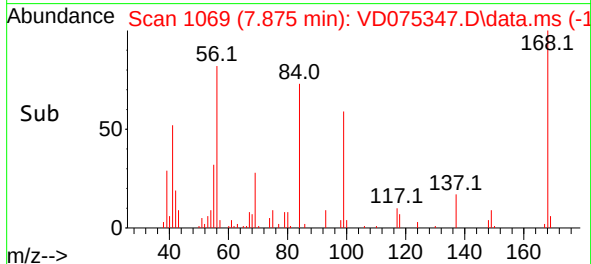
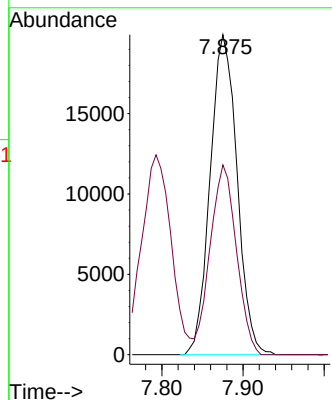
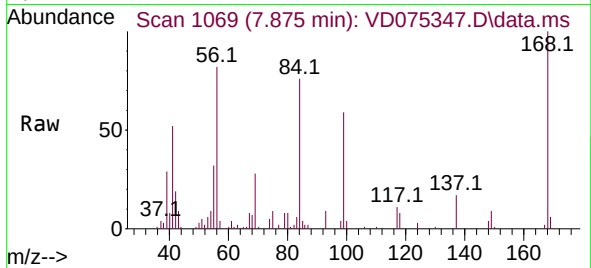




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075347.D
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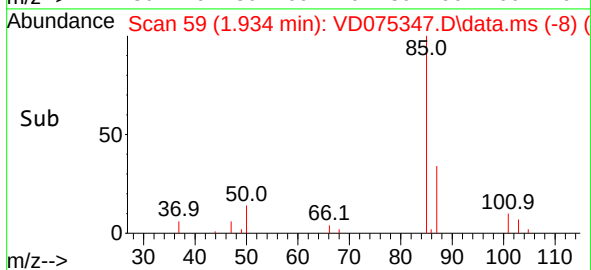
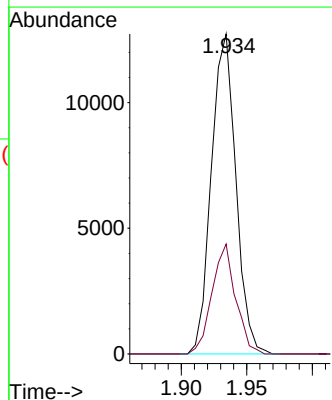
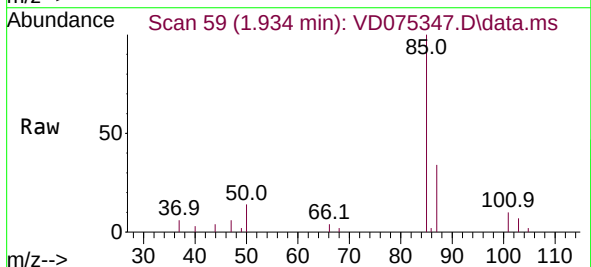
Instrument :
MSVOA_D
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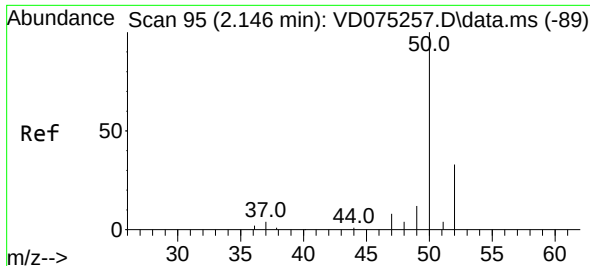
Tgt Ion:168 Resp: 45818
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 44.496 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 85 Resp: 16550
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0

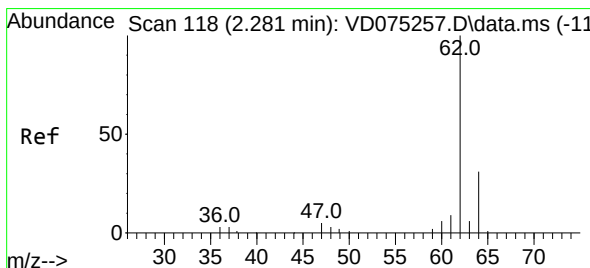
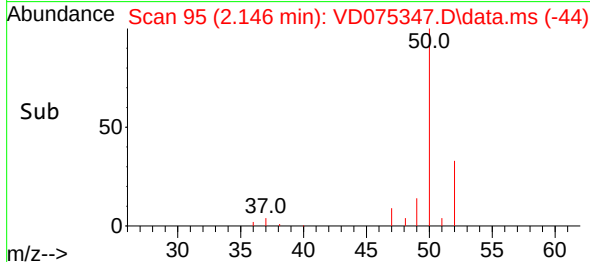
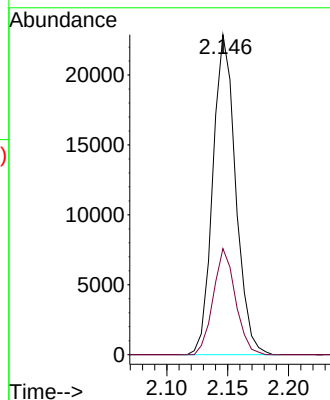
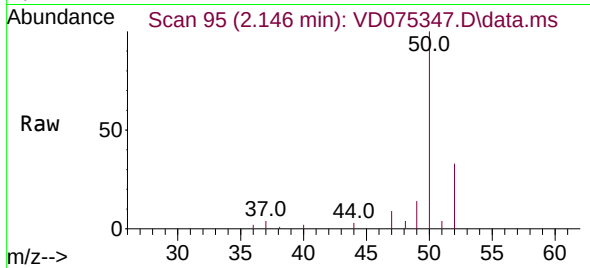




#3
Chloromethane
Concen: 46.767 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

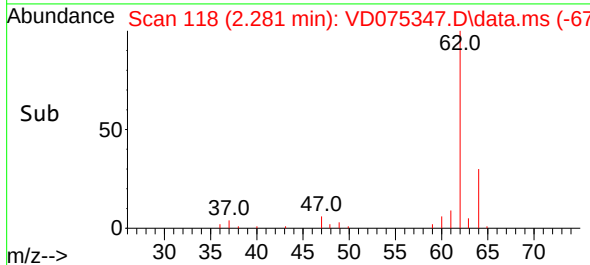
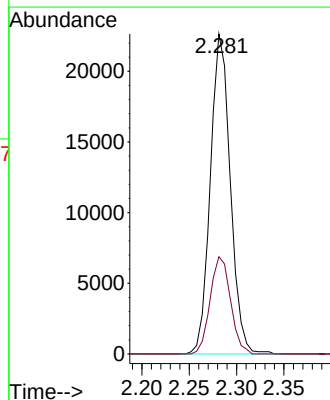
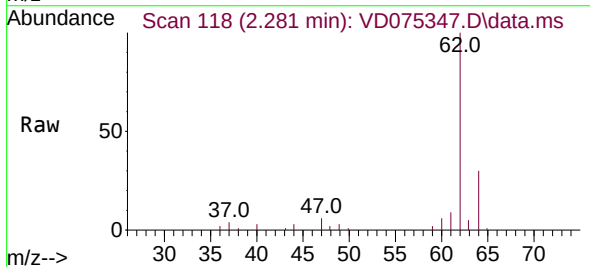
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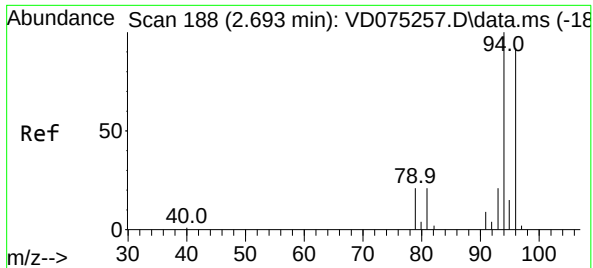
Tgt Ion: 50 Resp: 29905
Ion Ratio Lower Upper
50 100
52 33.1 27.0 40.6



#4
Vinyl Chloride
Concen: 43.588 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 62 Resp: 33225
Ion Ratio Lower Upper
62 100
64 30.4 24.8 37.2

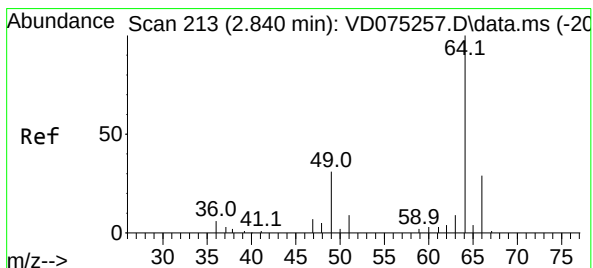
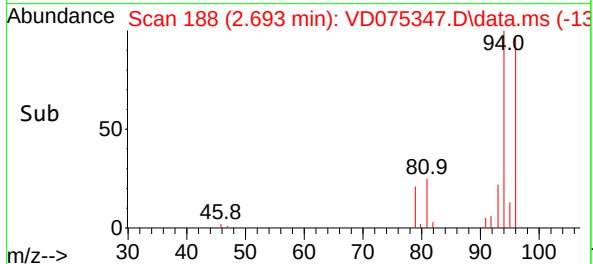
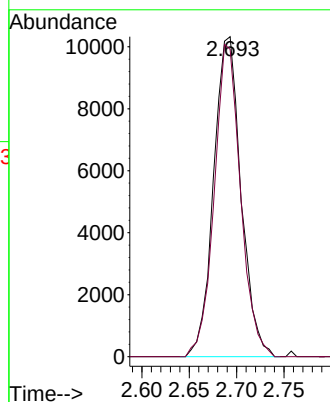
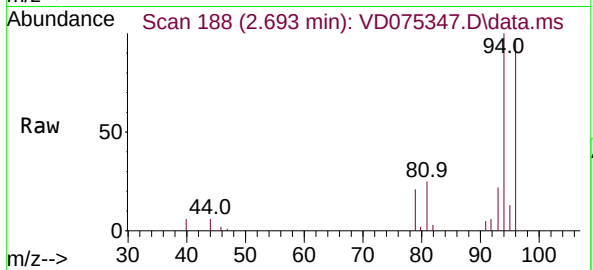




#5
Bromomethane
Concen: 42.548 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

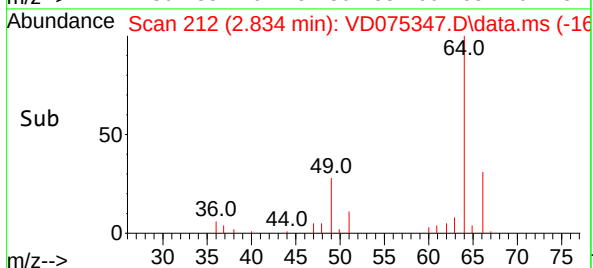
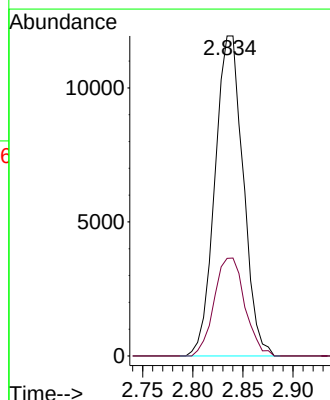
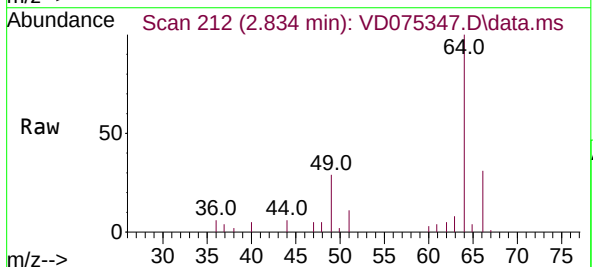
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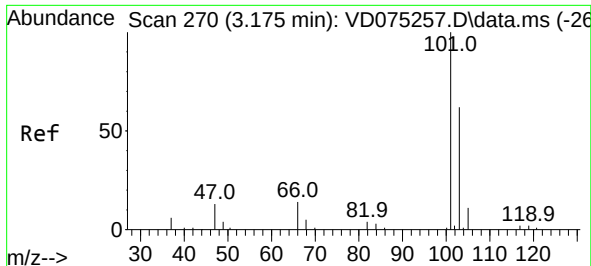
Tgt Ion: 94 Resp: 20751
Ion Ratio Lower Upper
94 100
96 93.9 74.8 112.2



#6
Chloroethane
Concen: 44.427 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 64 Resp: 23362
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

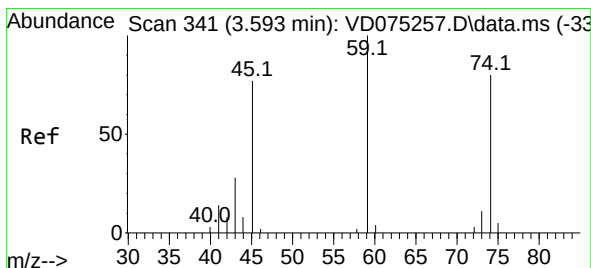
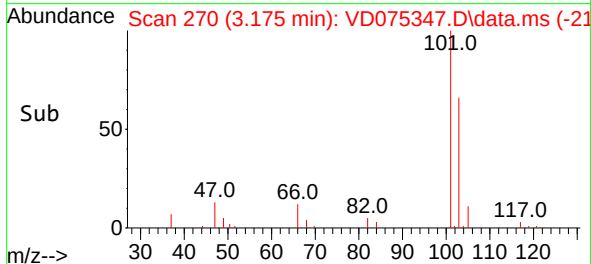
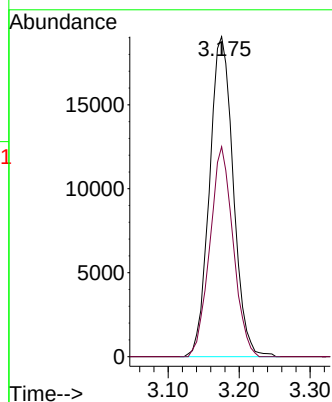
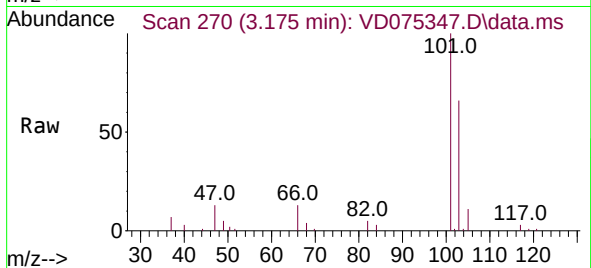




#7
Trichlorofluoromethane
Concen: 46.661 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075347.D
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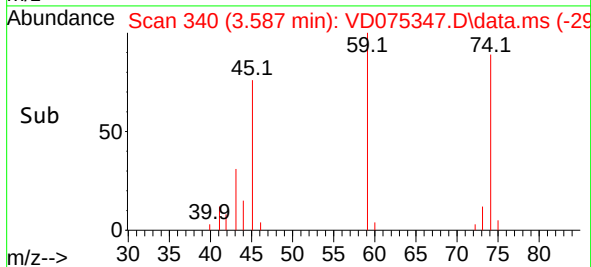
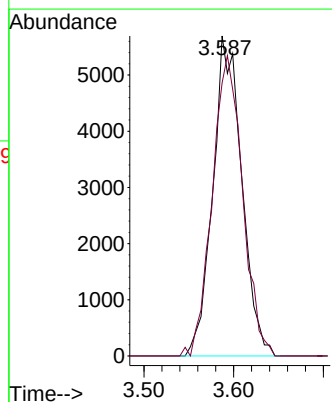
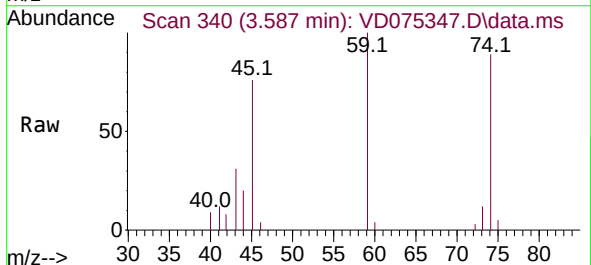
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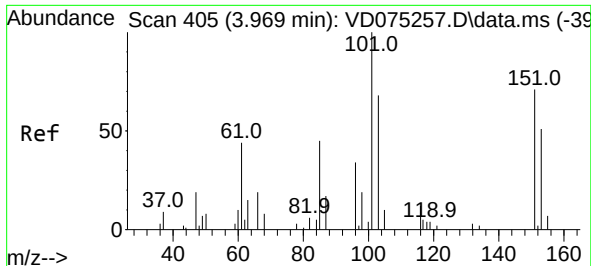
Tgt Ion:101 Resp: 44224
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4



#8
Diethyl Ether
Concen: 49.949 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD075347.D
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Tgt Ion: 74 Resp: 12726
Ion Ratio Lower Upper
74 100
45 98.5 49.8 149.3

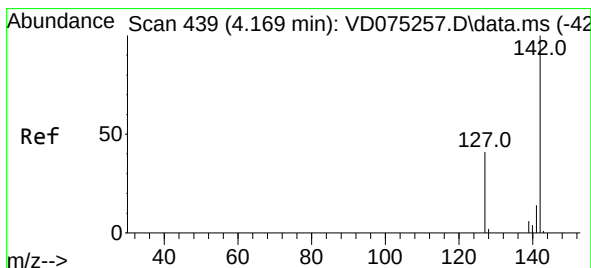
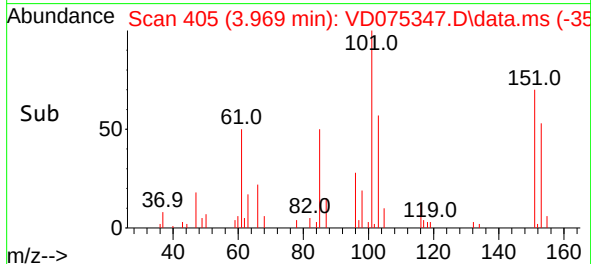
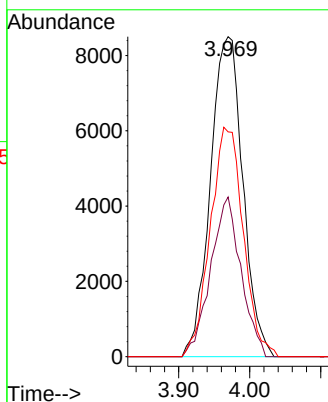
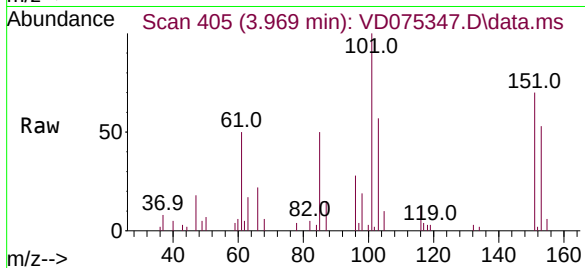




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.198 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

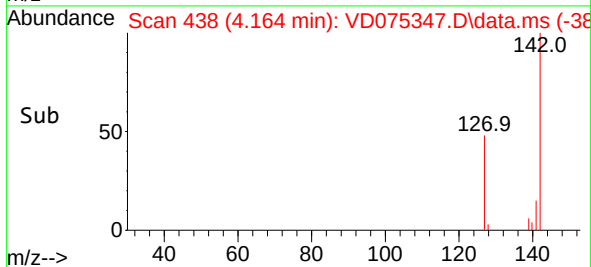
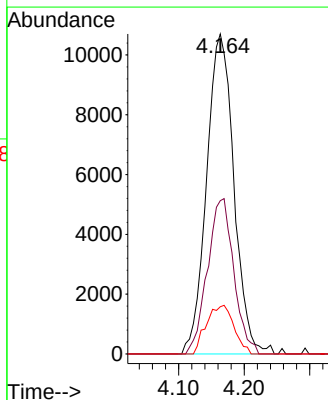
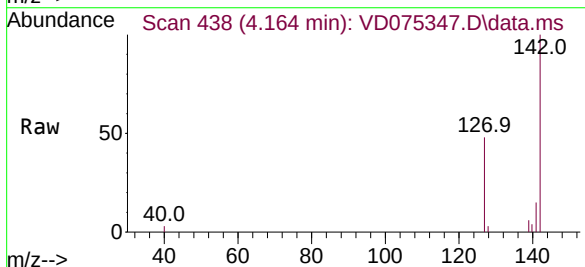
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

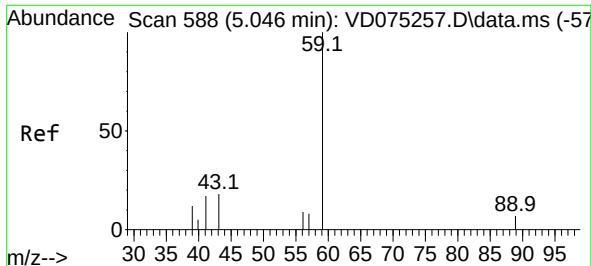
Tgt Ion:	101	Resp:	26998
Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.9	55.3
151	72.8	58.9	88.3



#10
Methyl Iodide
Concen: 47.657 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:	142	Resp:	30992
Ion	Ratio	Lower	Upper
142	100		
127	46.7	33.6	50.4
141	15.3	11.1	16.7

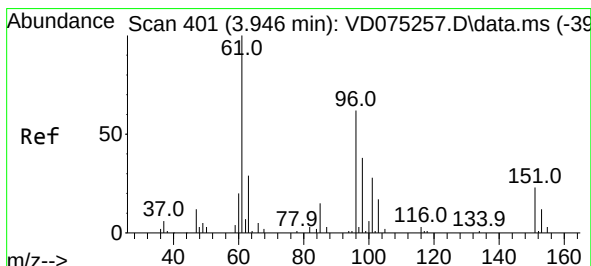
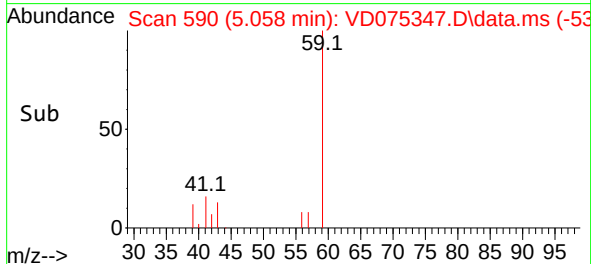
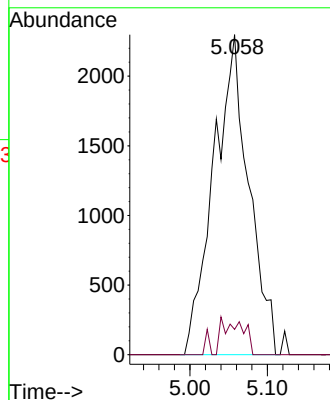
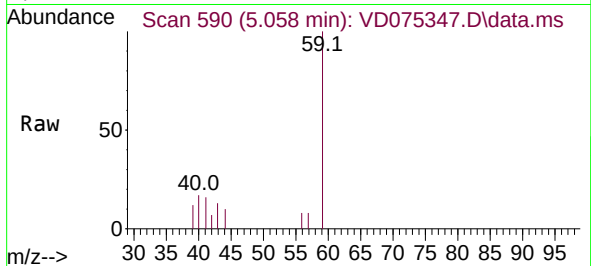




#11
Tert butyl alcohol
Concen: 227.157 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

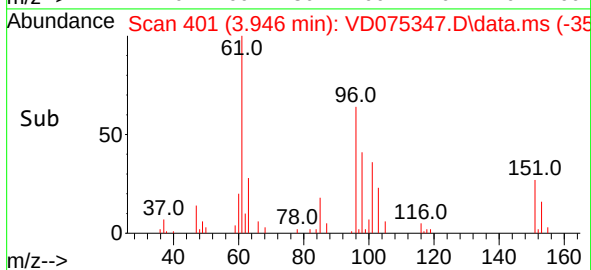
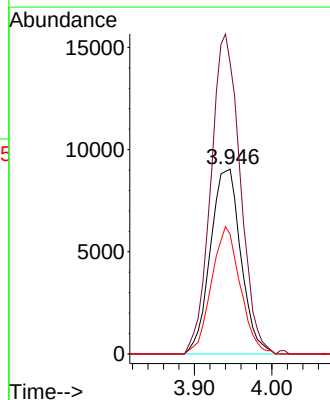
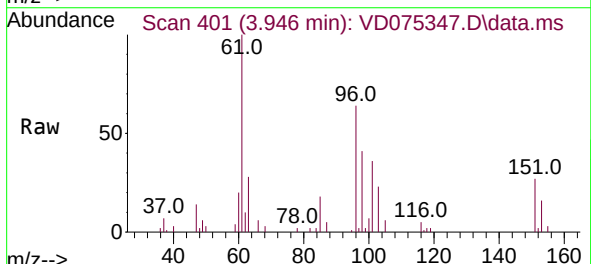
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

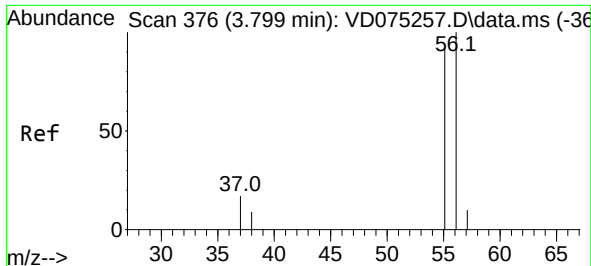
Tgt Ion: 59 Resp: 7242
Ion Ratio Lower Upper
59 100
57 7.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 48.316 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 96 Resp: 24777
Ion Ratio Lower Upper
96 100
61 157.4 126.8 190.2
98 64.7 50.4 75.6

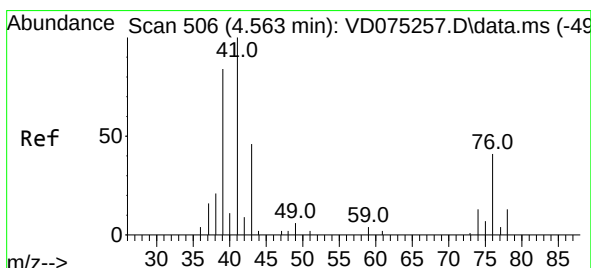
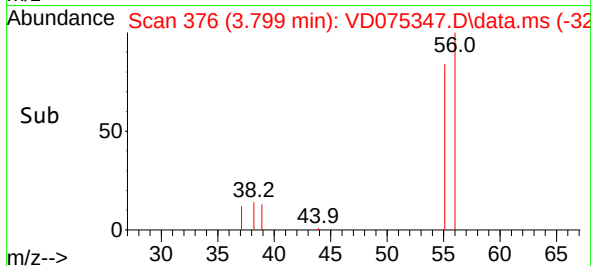
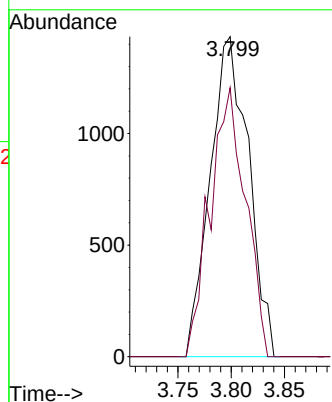
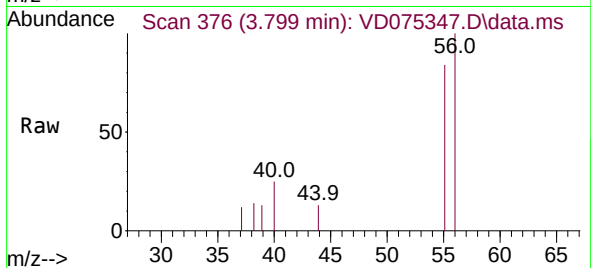




#13
Acrolein
Concen: 210.529 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

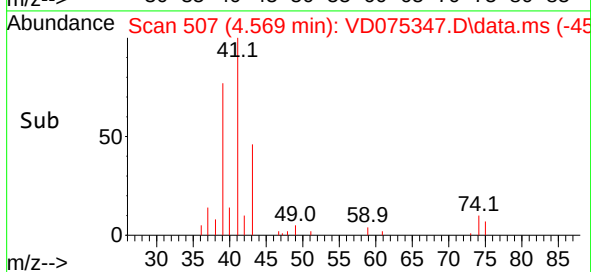
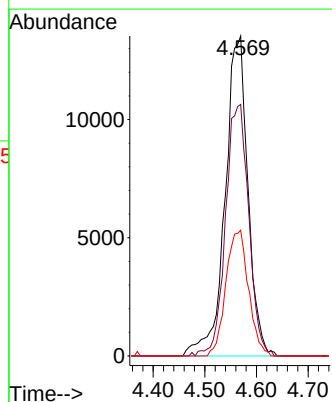
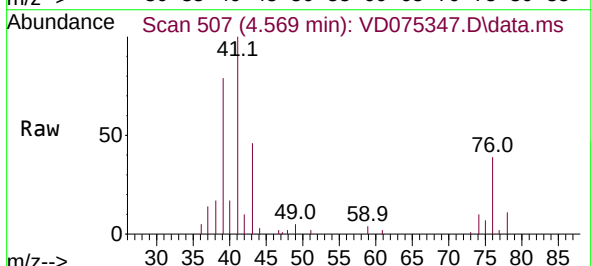
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

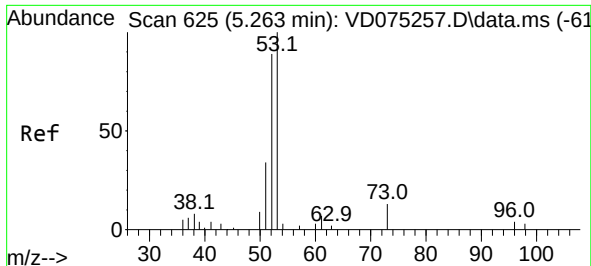
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
55 77.8 53.0 79.6



#14
Allyl chloride
Concen: 48.739 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 41 Resp: 41585
Ion Ratio Lower Upper
41 100
39 79.6 55.4 83.0
76 38.8 30.2 45.2





#15

Acrylonitrile

Concen: 272.724 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

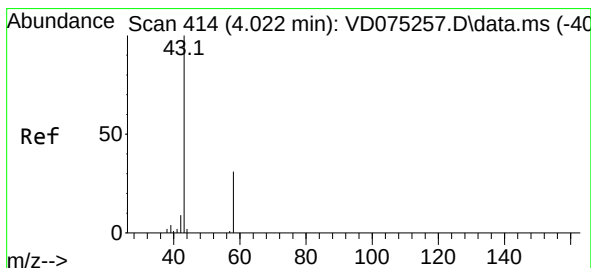
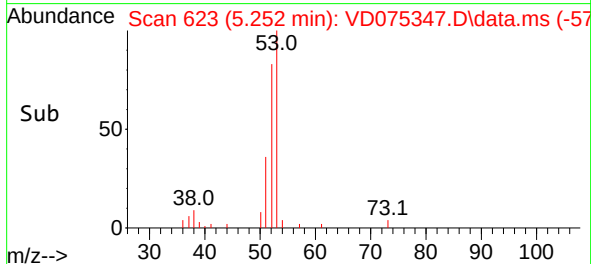
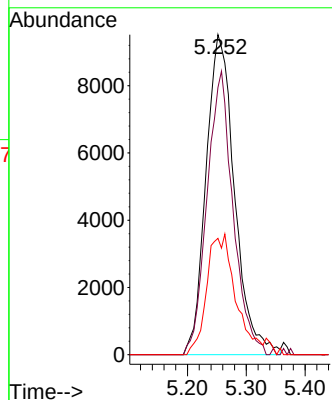
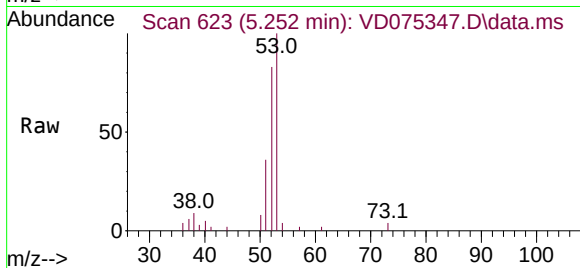
Tgt Ion: 53 Resp: 32104

Ion Ratio Lower Upper

53 100

52 80.9 67.0 100.6

51 37.9 30.1 45.1



#16

Acetone

Concen: 271.531 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075347.D

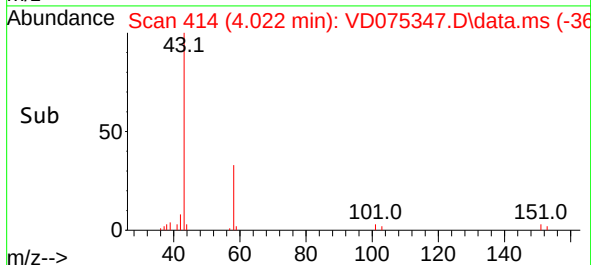
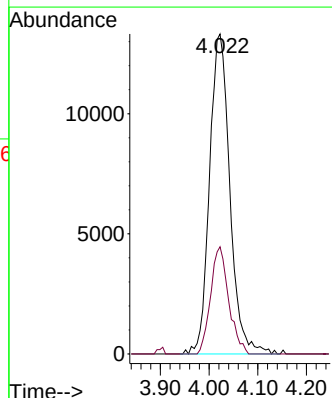
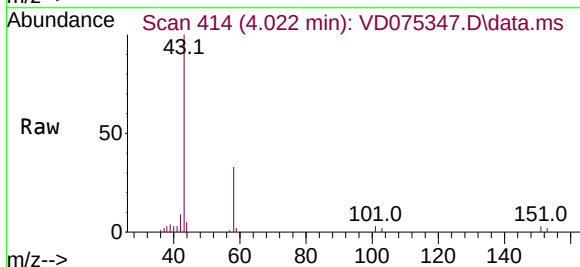
Acq: 14 Feb 2023 17:10

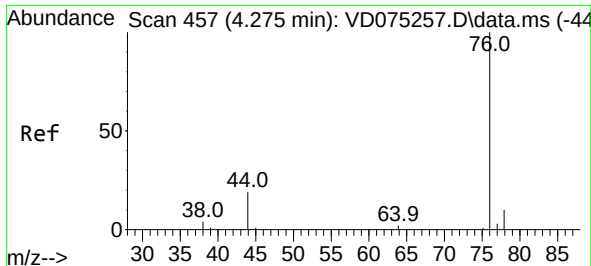
Tgt Ion: 43 Resp: 38574

Ion Ratio Lower Upper

43 100

58 33.5 26.0 39.0

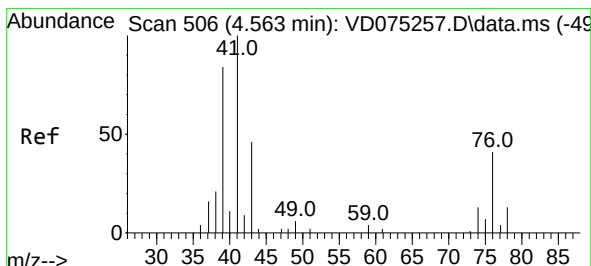
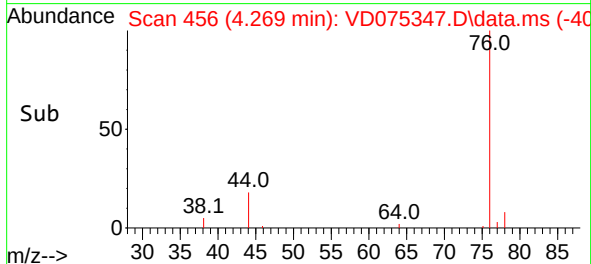
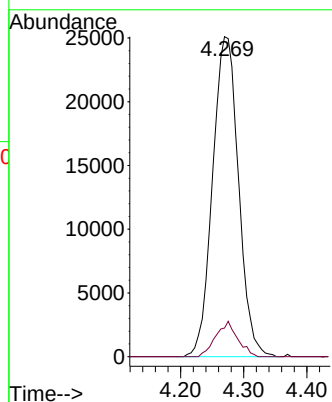
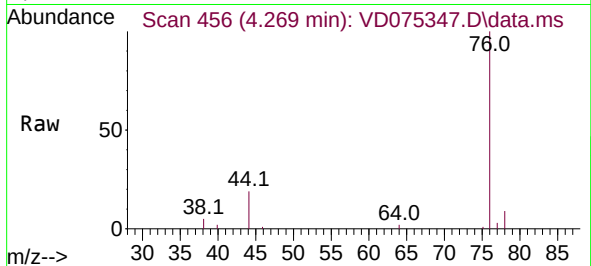




#17
Carbon Disulfide
Concen: 45.295 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

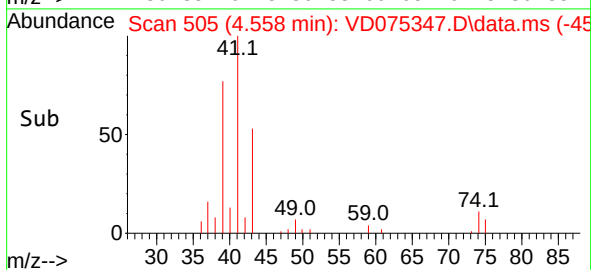
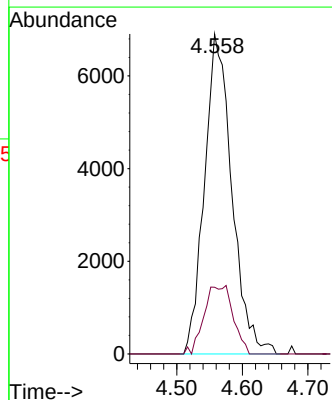
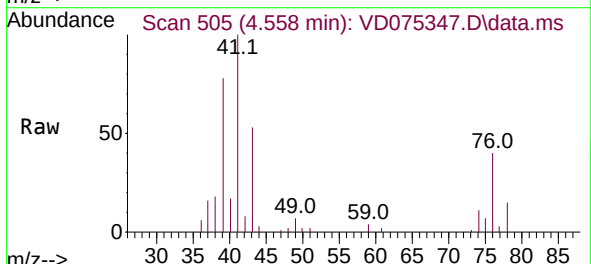
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

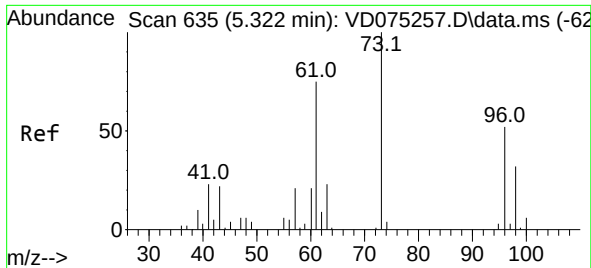
Tgt Ion: 76 Resp: 71661
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 53.267 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 43 Resp: 20047
Ion Ratio Lower Upper
43 100
74 22.5 18.5 27.7

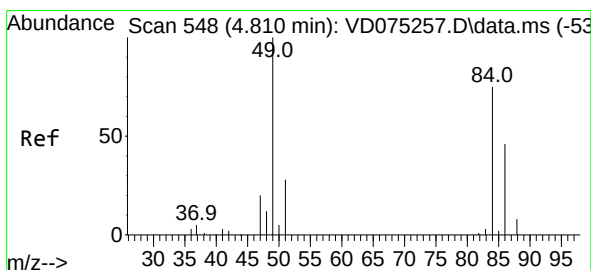
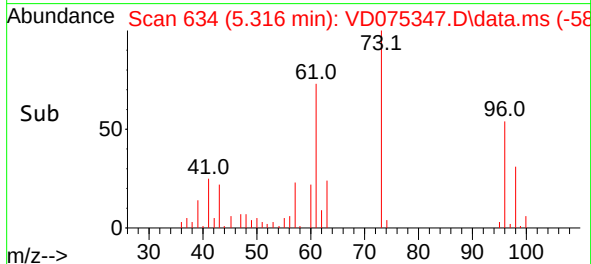
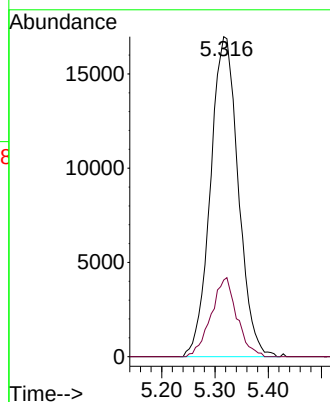
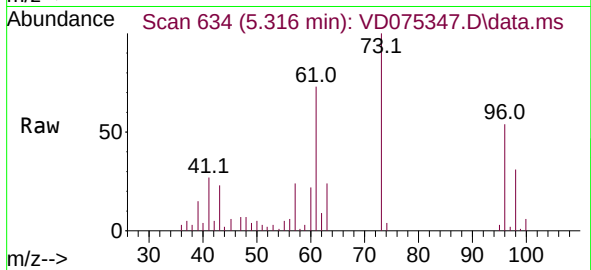




#19
Methyl tert-butyl Ether
Concen: 52.292 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

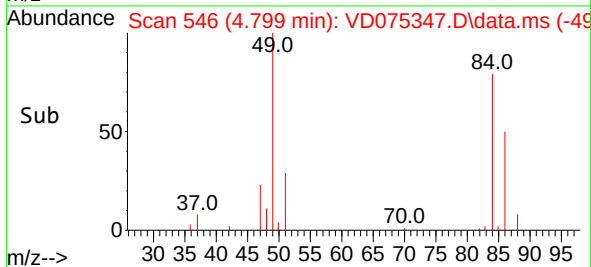
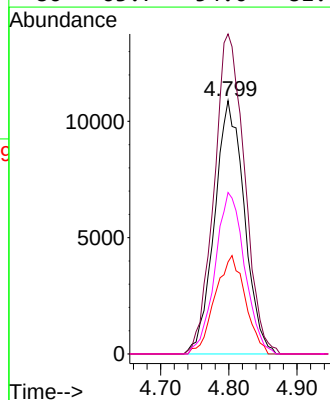
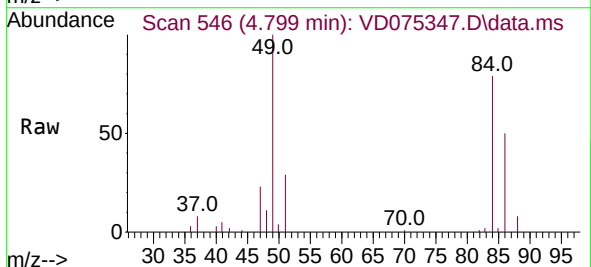
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

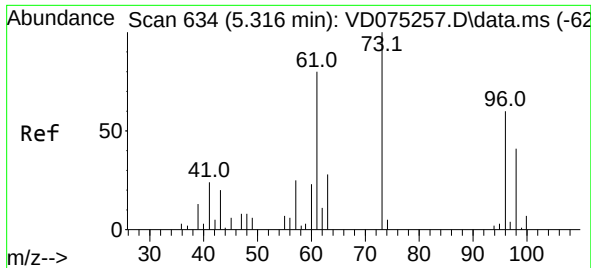
Tgt Ion: 73 Resp: 61566
Ion Ratio Lower Upper
73 100
57 23.9 18.5 27.7



#20
Methylene Chloride
Concen: 56.054 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 84 Resp: 33112
Ion Ratio Lower Upper
84 100
49 126.3 97.0 145.6
51 36.3 30.9 46.3
86 63.7 54.0 81.0



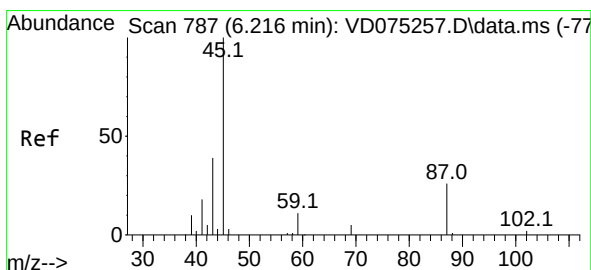
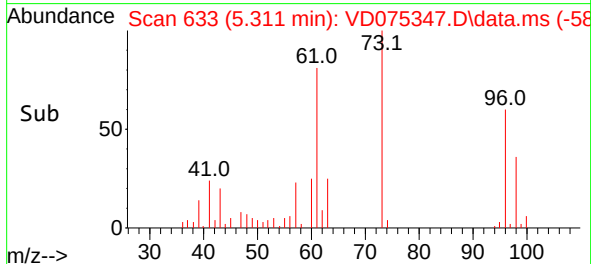
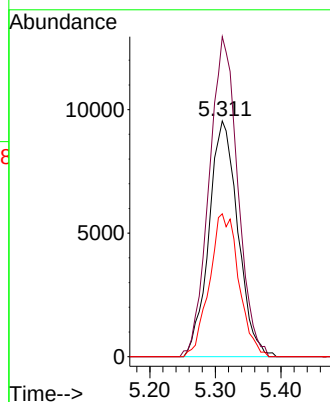
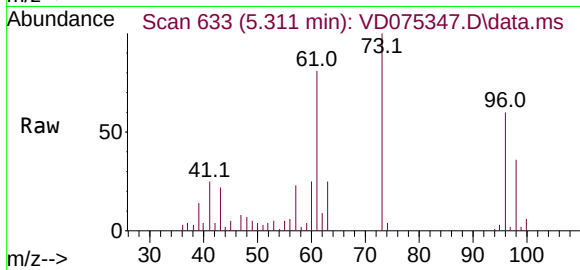


#21
trans-1,2-Dichloroethene
Concen: 50.458 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 29281

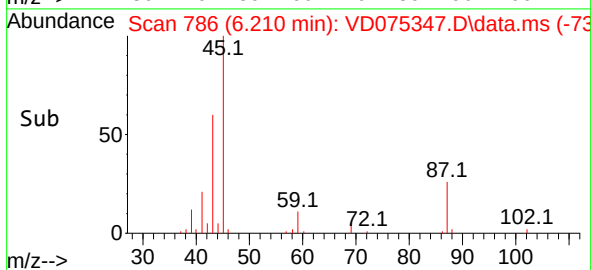
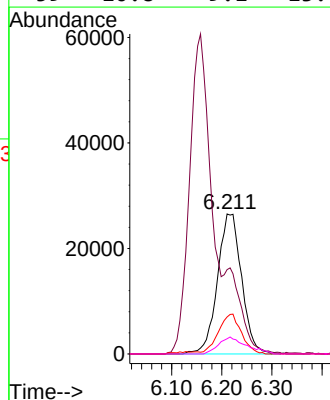
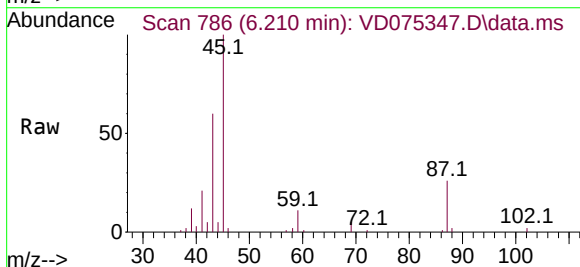
Ion	Ratio	Lower	Upper
96	100		
61	135.8	105.7	158.5
98	60.6	50.4	75.6

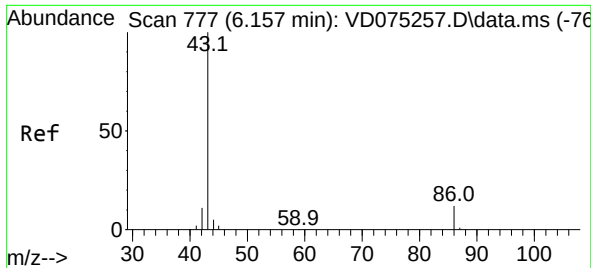


#22
Diisopropyl ether
Concen: 52.287 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 45 Resp: 88736

Ion	Ratio	Lower	Upper
45	100		
43	59.2	45.3	67.9
87	26.4	22.1	33.1
59	10.8	9.1	13.7

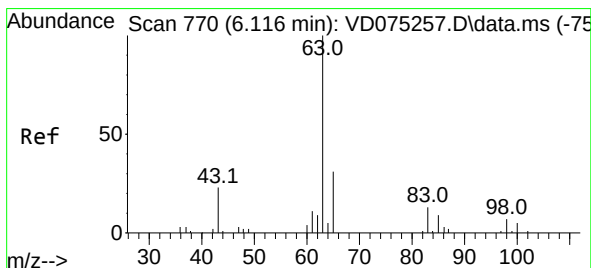
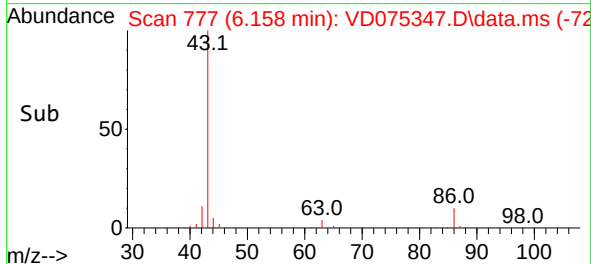
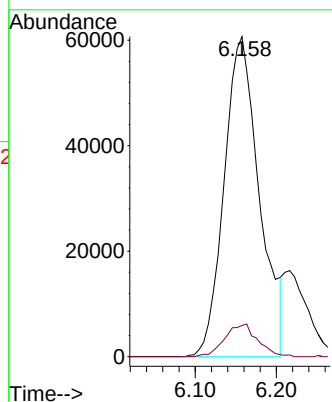
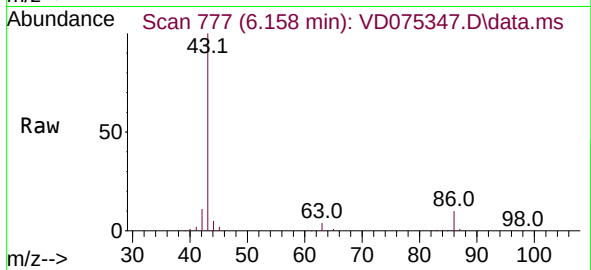




#23
 Vinyl Acetate
 Concen: 313.379 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.001 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

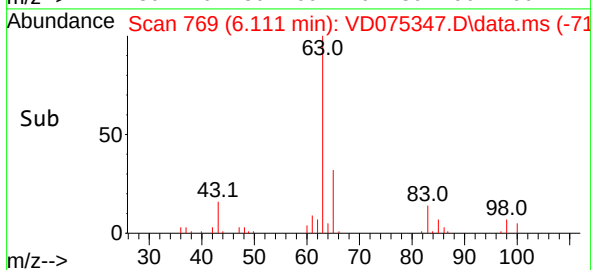
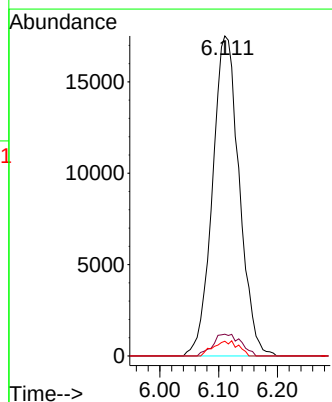
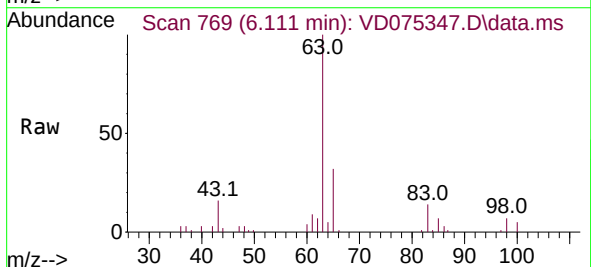
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

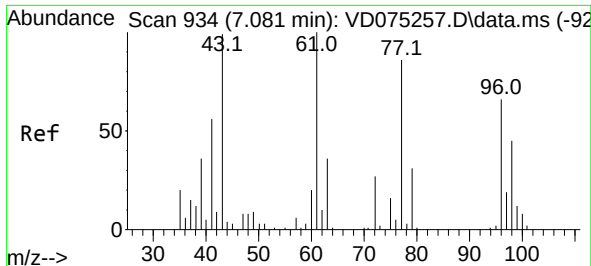
Tgt Ion: 43 Resp: 182574
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 52.389 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

Tgt Ion: 63 Resp: 55431
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 251.067 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

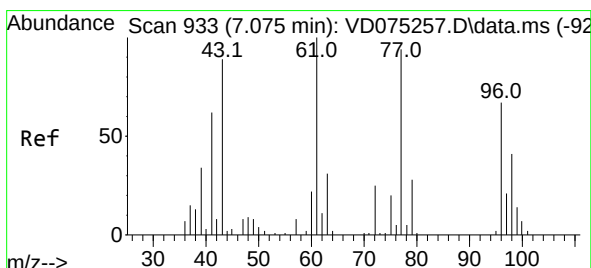
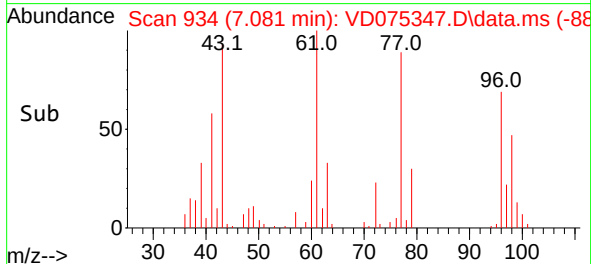
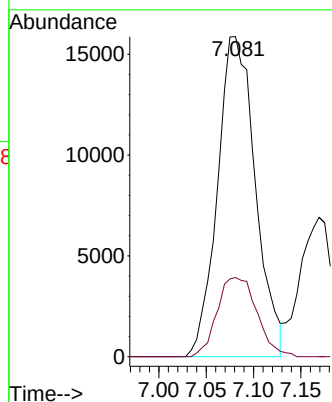
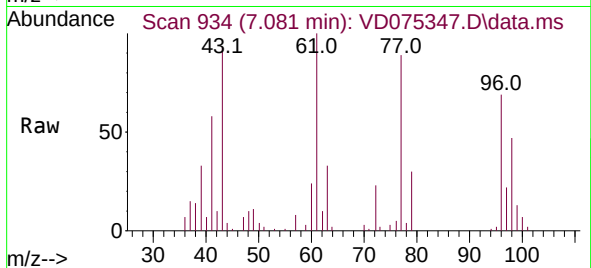
VSTDCCC050EC

Tgt Ion: 43 Resp: 44194

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.8



#26

2,2-Dichloropropane

Concen: 50.153 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075347.D

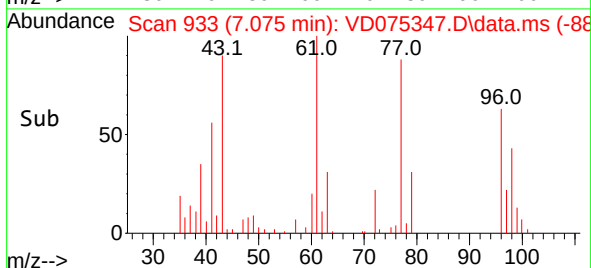
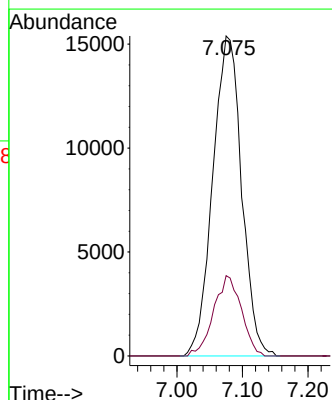
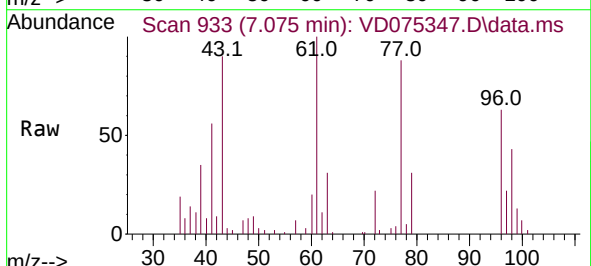
Acq: 14 Feb 2023 17:10

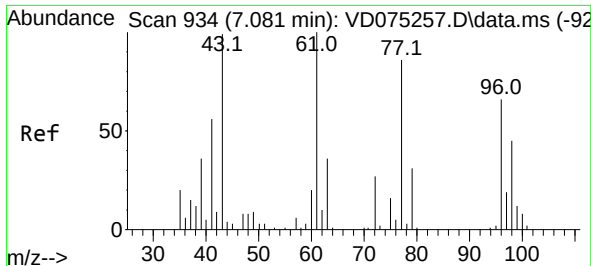
Tgt Ion: 77 Resp: 46971

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.354 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

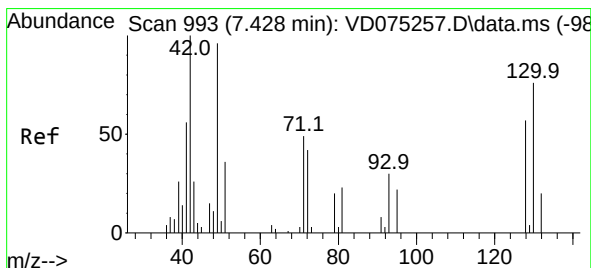
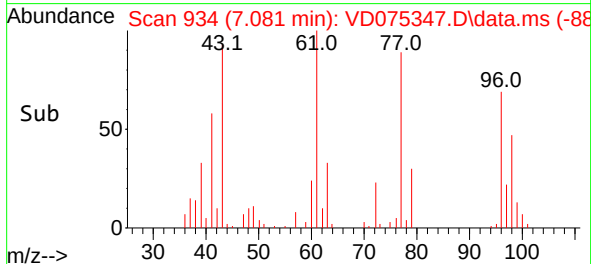
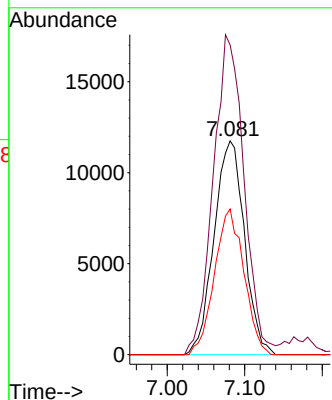
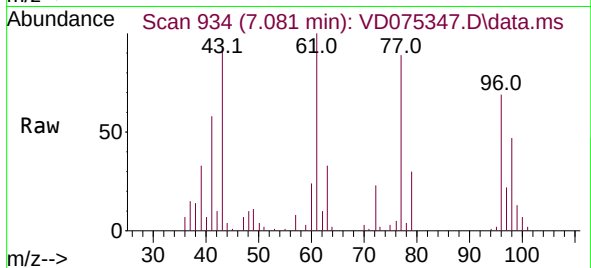
Tgt Ion: 96 Resp: 32042

Ion Ratio Lower Upper

96 100

61 151.1 0.0 287.4

98 66.0 0.0 129.8



#28

Bromochloromethane

Concen: 53.732 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

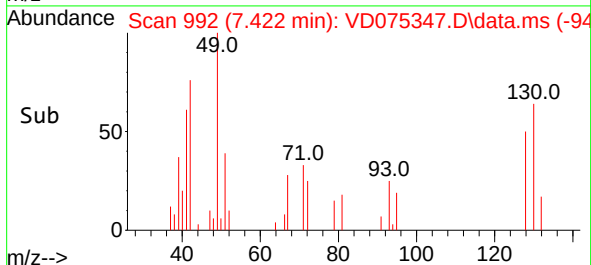
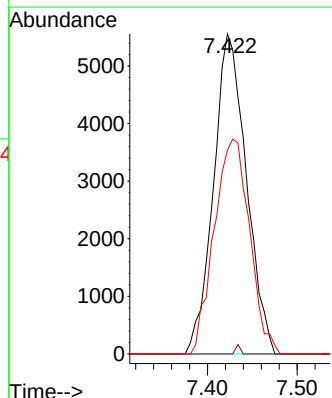
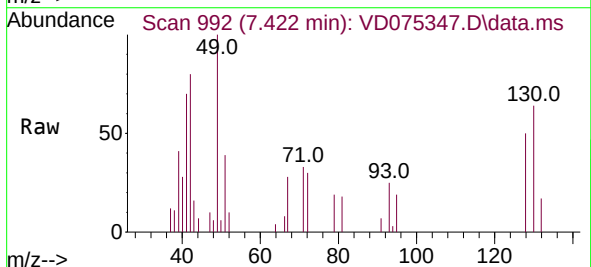
Tgt Ion: 49 Resp: 14108

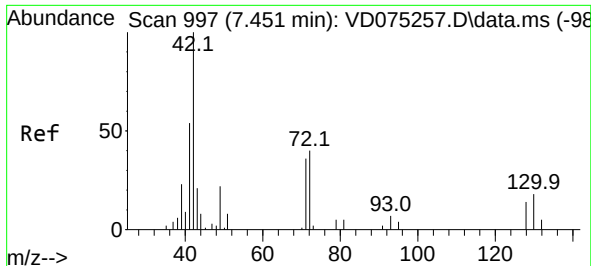
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.6

130 72.4 63.6 95.4





#29

Tetrahydrofuran

Concen: 270.607 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

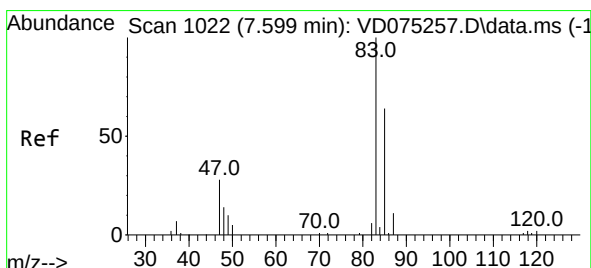
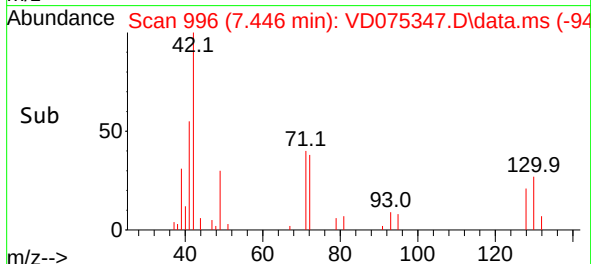
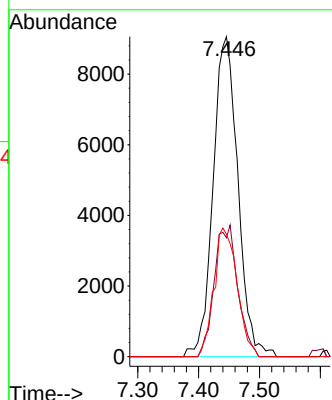
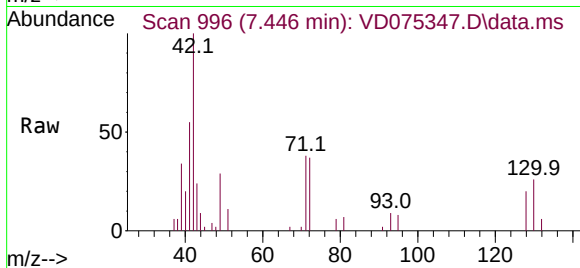
Tgt Ion: 42 Resp: 25650

Ion Ratio Lower Upper

42 100

72 38.7 33.8 50.8

71 37.5 31.6 47.4



#30

Chloroform

Concen: 51.565 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075347.D

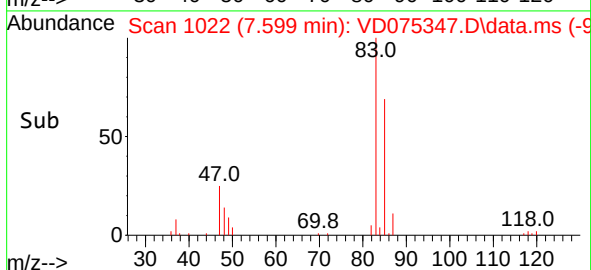
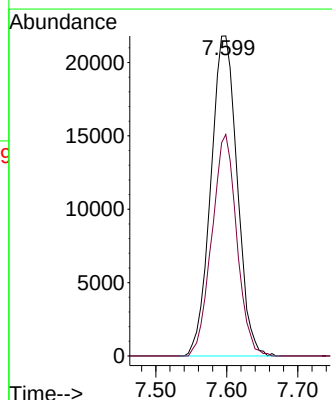
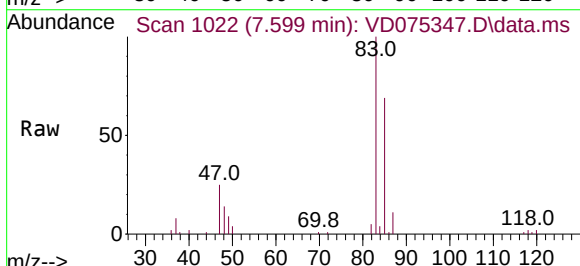
Acq: 14 Feb 2023 17:10

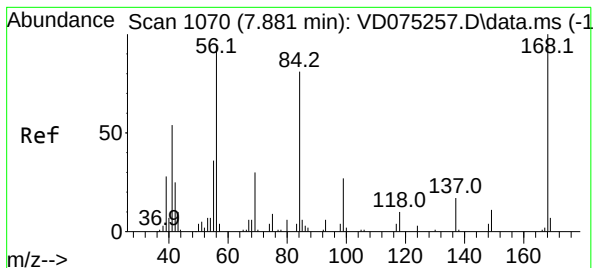
Tgt Ion: 83 Resp: 56156

Ion Ratio Lower Upper

83 100

85 69.2 48.5 72.7





#31

Cyclohexane

Concen: 45.568 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

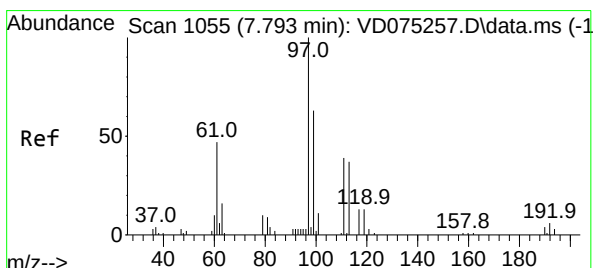
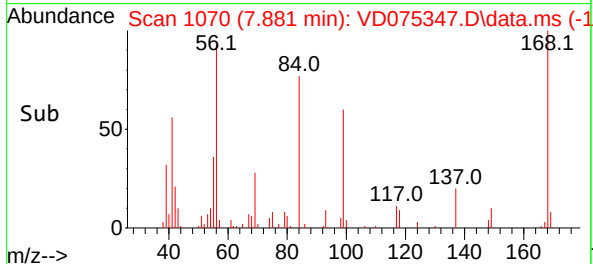
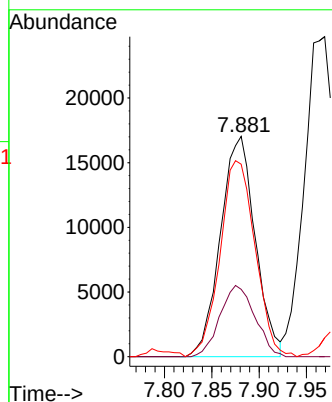
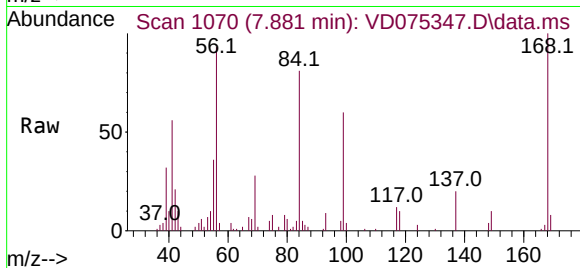
Tgt Ion: 56 Resp: 43472

Ion Ratio Lower Upper

56 100

69 30.6 26.6 40.0

84 85.6 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 50.952 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

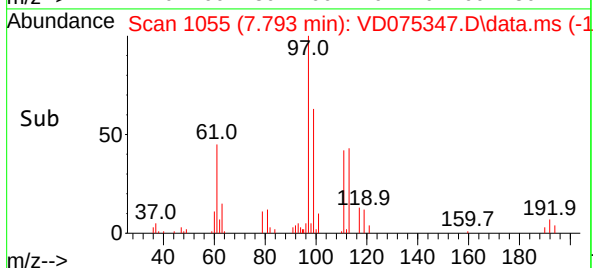
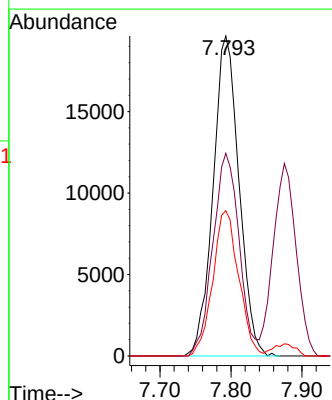
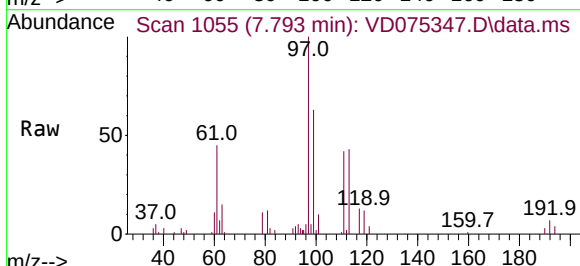
Tgt Ion: 97 Resp: 49634

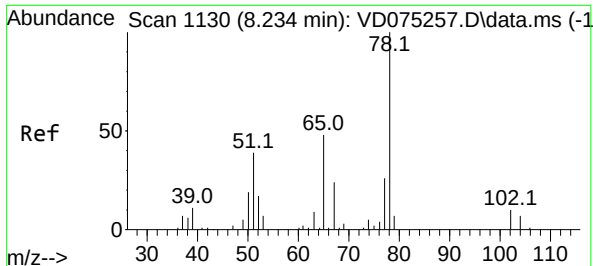
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.035 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

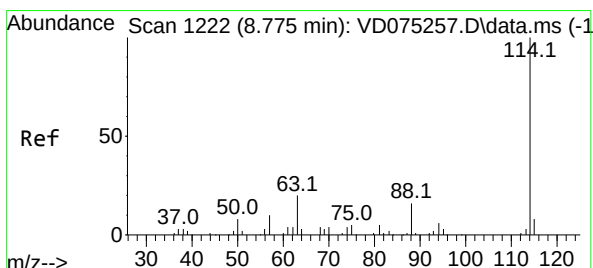
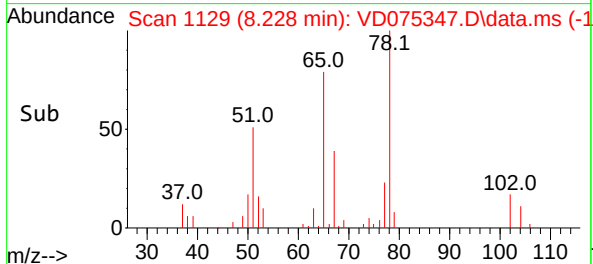
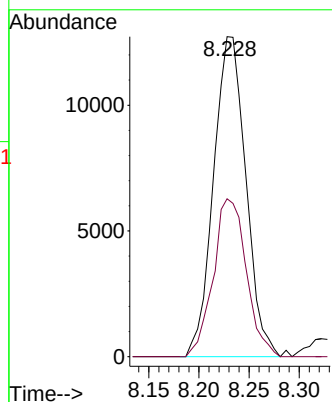
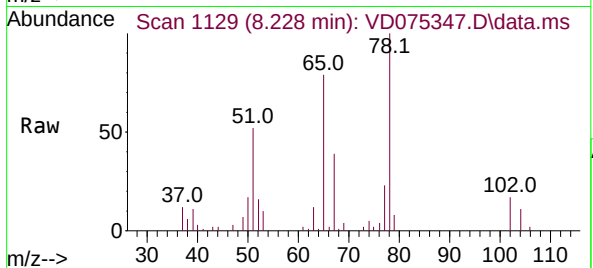
VSTDCCC050EC

Tgt Ion: 65 Resp: 28493

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

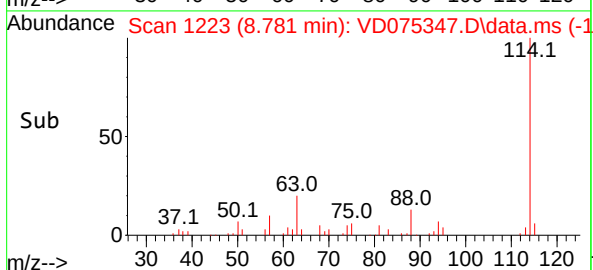
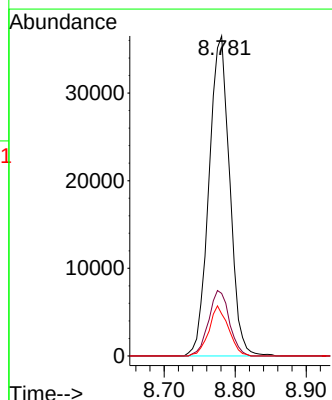
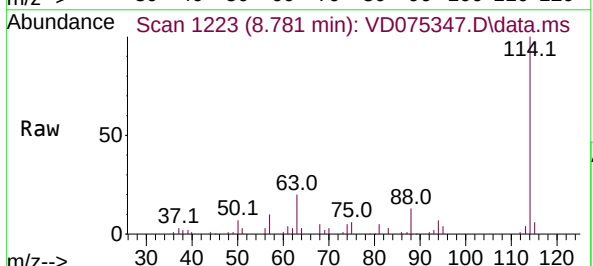
Tgt Ion: 114 Resp: 73835

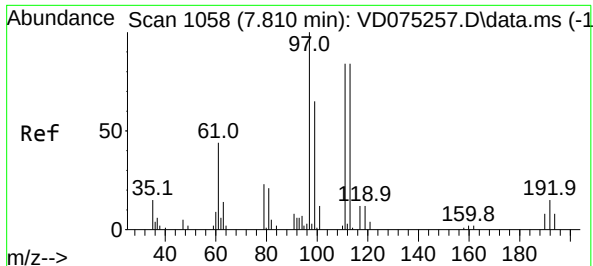
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 13.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.747 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

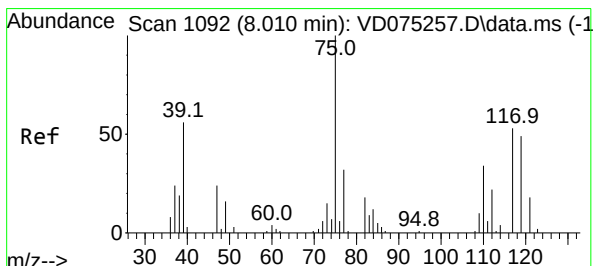
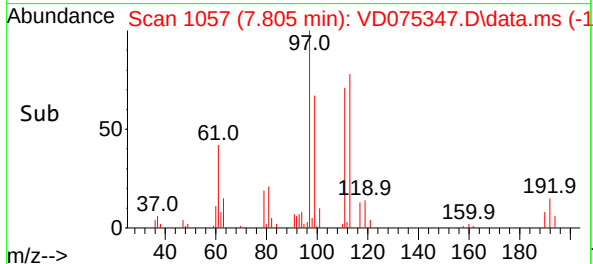
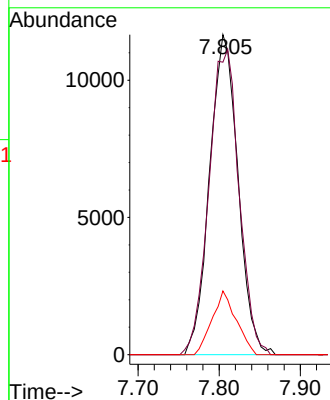
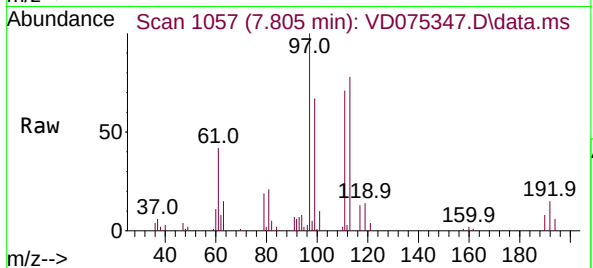
Tgt Ion:113 Resp: 28344

Ion Ratio Lower Upper

113 100

111 101.2 80.1 120.1

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 50.837 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

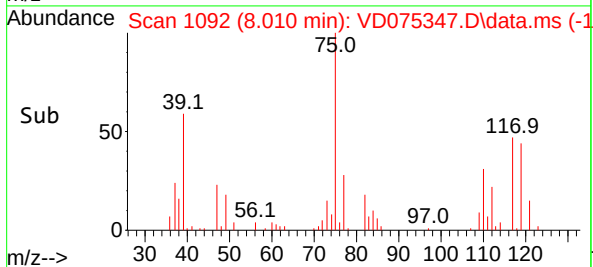
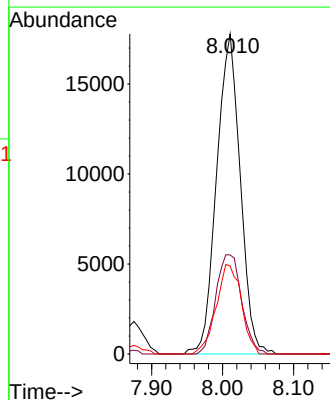
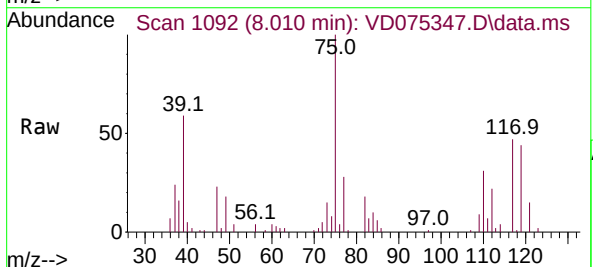
Tgt Ion: 75 Resp: 41000

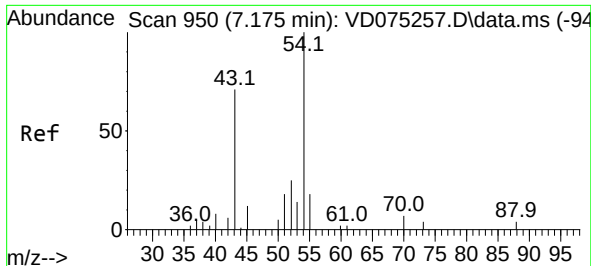
Ion Ratio Lower Upper

75 100

110 33.9 18.1 54.4

77 29.7 25.1 37.7





#37

Ethyl Acetate

Concen: 45.915 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

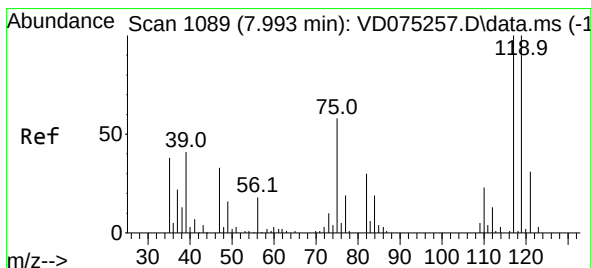
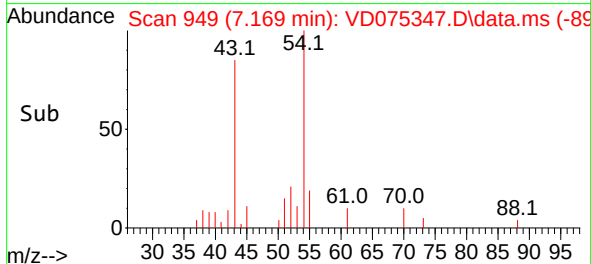
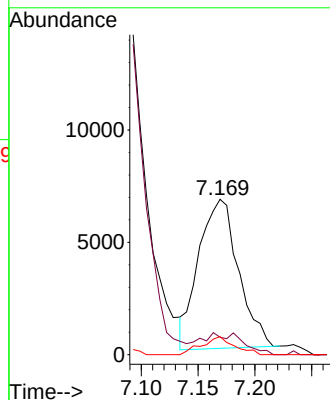
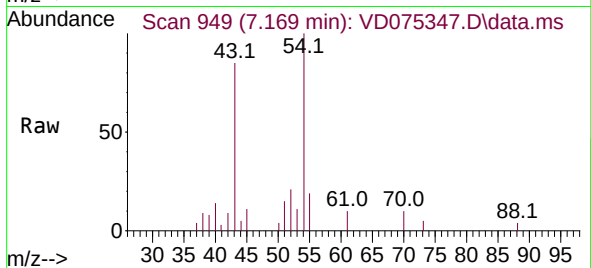
Tgt Ion: 43 Resp: 16150

Ion Ratio Lower Upper

43 100

61 15.5 11.7 17.5

70 9.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 53.834 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

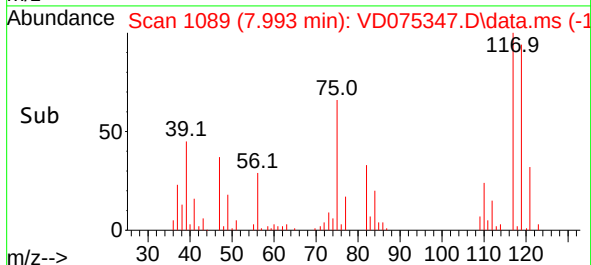
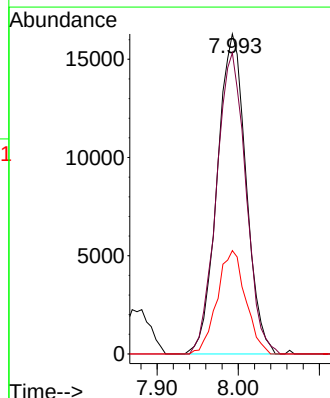
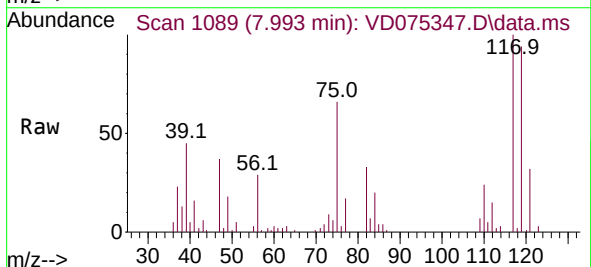
Tgt Ion: 117 Resp: 40232

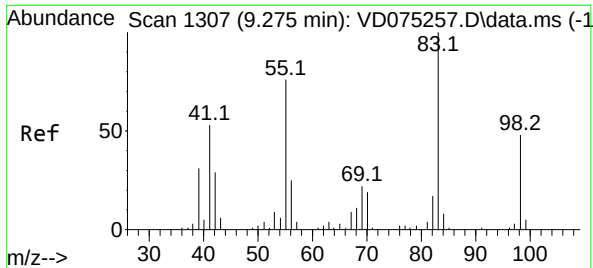
Ion Ratio Lower Upper

117 100

119 94.1 73.6 110.4

121 32.3 25.4 38.0

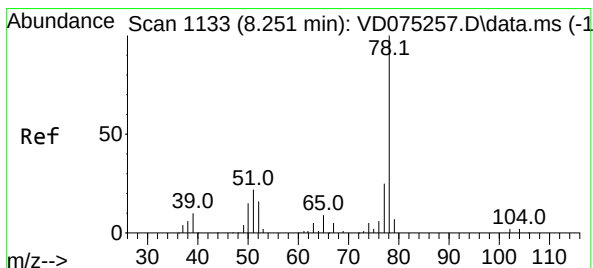
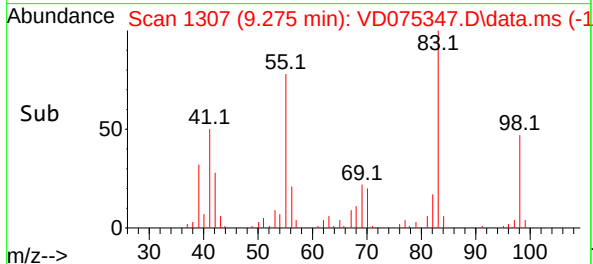
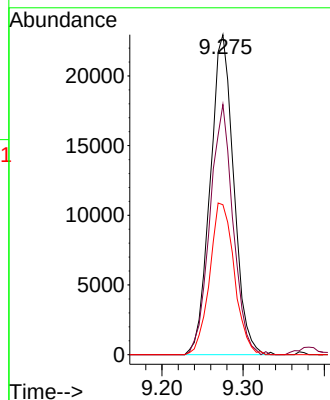
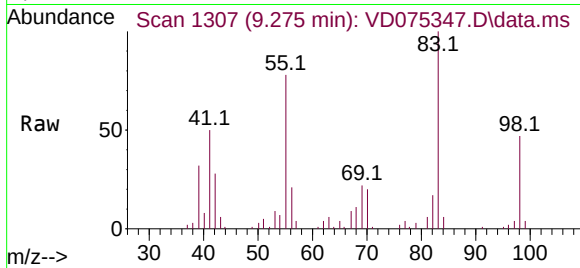




#39
Methylcyclohexane
Concen: 49.549 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

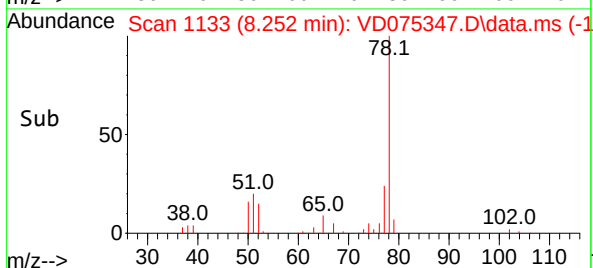
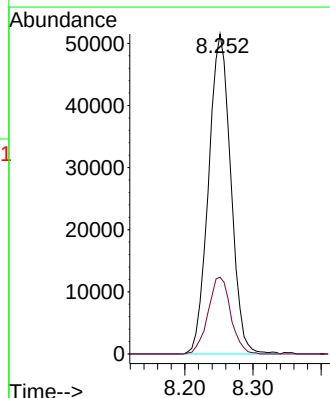
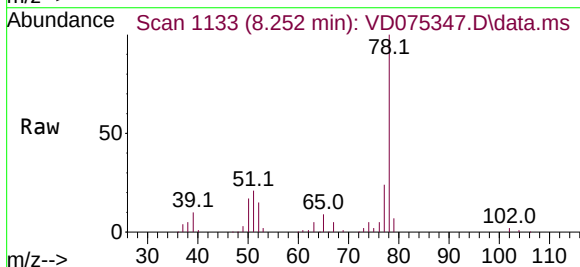
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

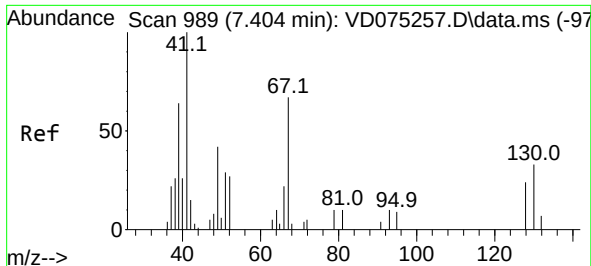
Tgt Ion:	83	Resp:	46255
Ion	Ratio	Lower	Upper
83	100		
55	78.2	60.0	90.0
98	46.8	39.0	58.4



#40
Benzene
Concen: 51.413 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:	78	Resp:	116537
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.6

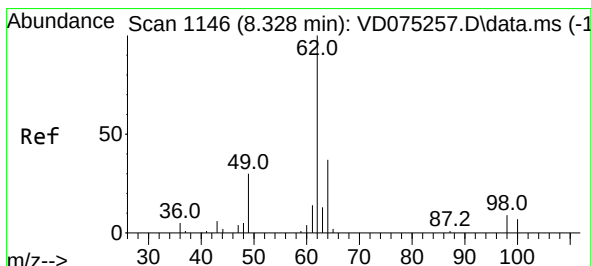
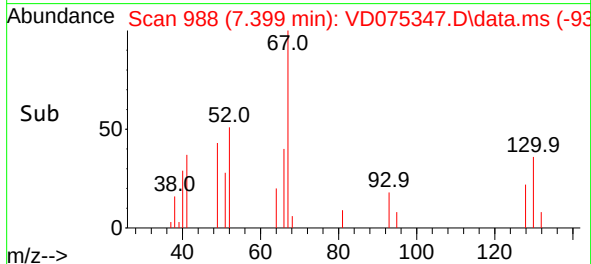
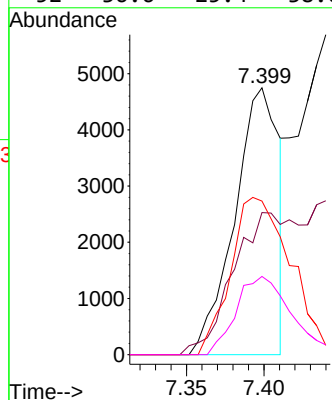
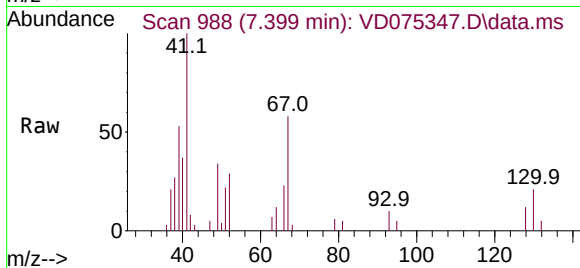




#41
Methacrylonitrile
Concen: 44.971 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

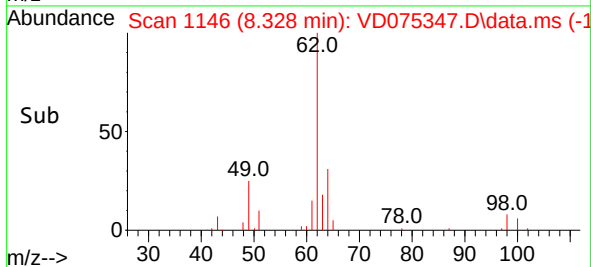
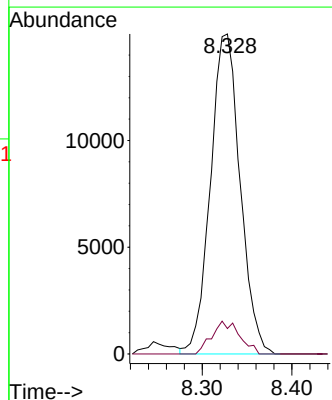
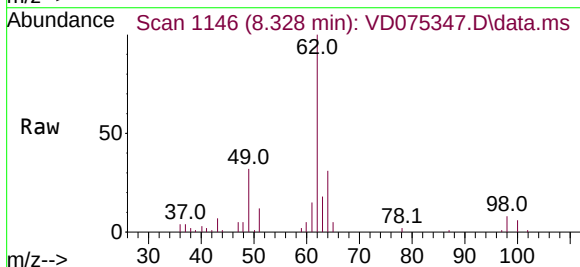
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

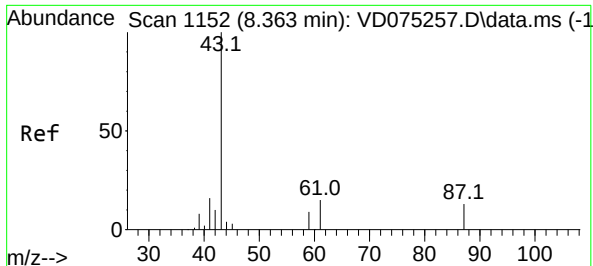
Tgt Ion:	41	Resp:	9436
Ion	Ratio	Lower	Upper
41	100		
39	75.4	57.8	86.6
67	80.4	60.5	90.7
52	36.6	25.4	38.0



#42
1,2-Dichloroethane
Concen: 52.404 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:	62	Resp:	34390
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 53.240 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

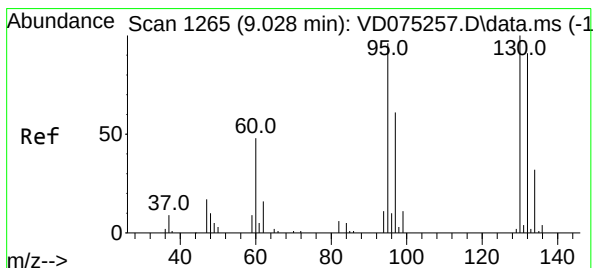
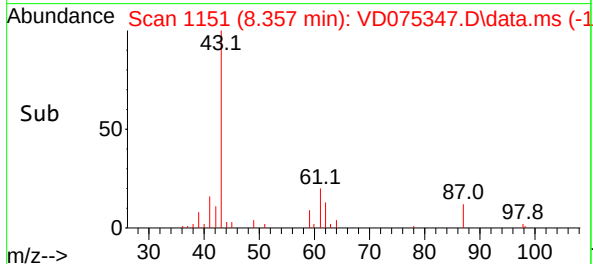
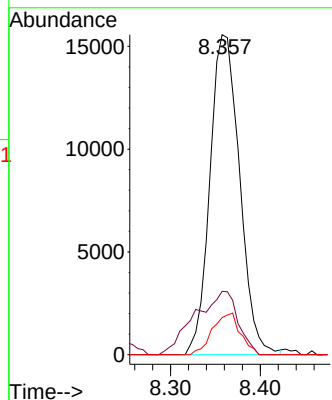
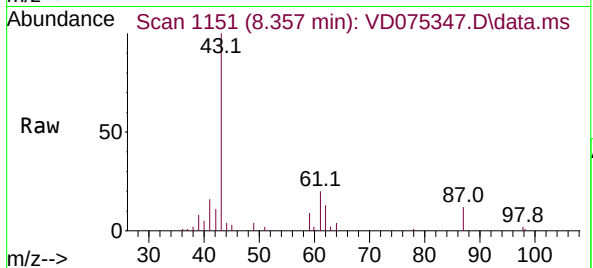
Tgt Ion: 43 Resp: 35782

Ion Ratio Lower Upper

43 100

61 28.7 25.0 37.6

87 12.2 10.6 16.0



#44

Trichloroethene

Concen: 50.464 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075347.D

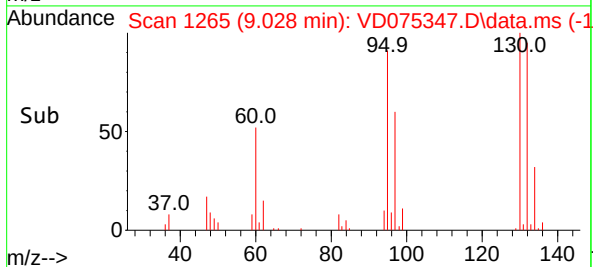
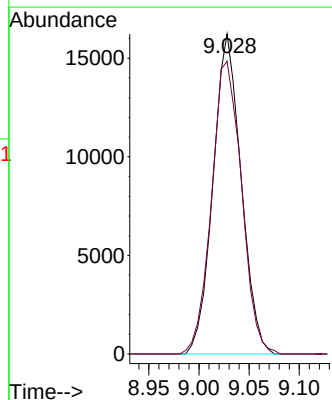
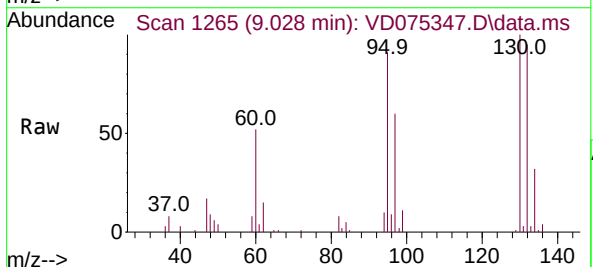
Acq: 14 Feb 2023 17:10

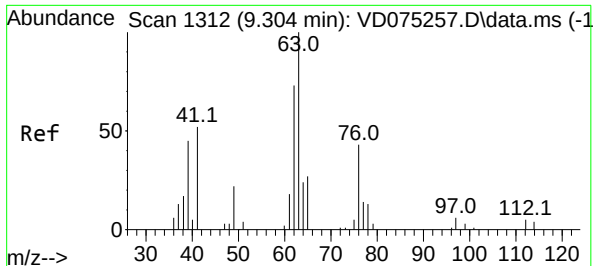
Tgt Ion:130 Resp: 31531

Ion Ratio Lower Upper

130 100

95 91.5 0.0 188.6





#45

1,2-Dichloropropane

Concen: 52.805 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

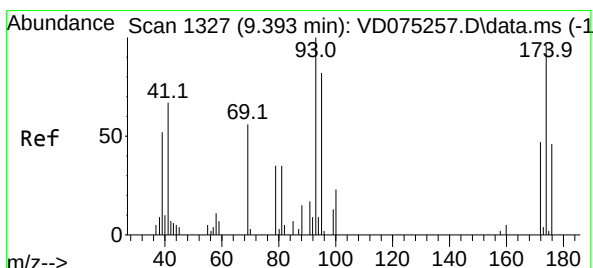
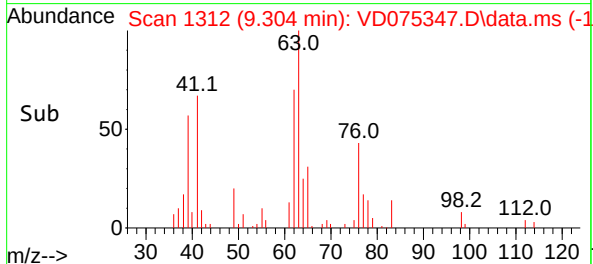
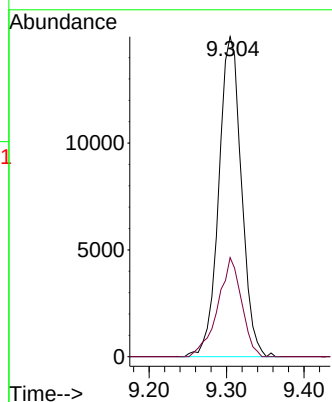
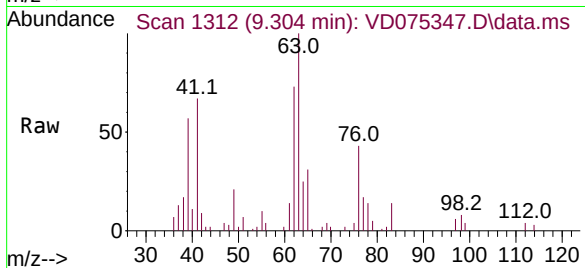
VSTDCCC050EC

Tgt Ion: 63 Resp: 30398

Ion Ratio Lower Upper

63 100

65 30.9 25.1 37.7



#46

Dibromomethane

Concen: 53.700 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

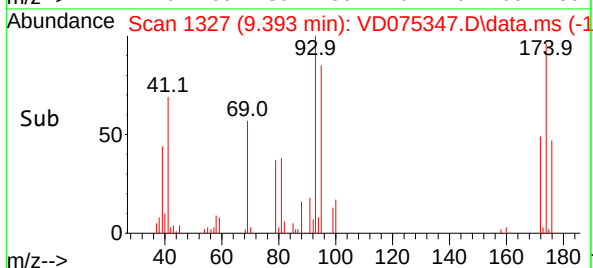
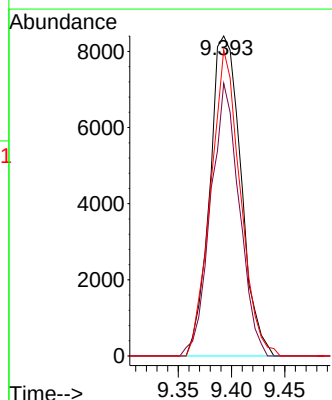
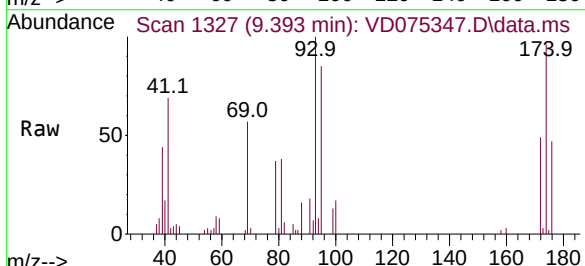
Tgt Ion: 93 Resp: 17131

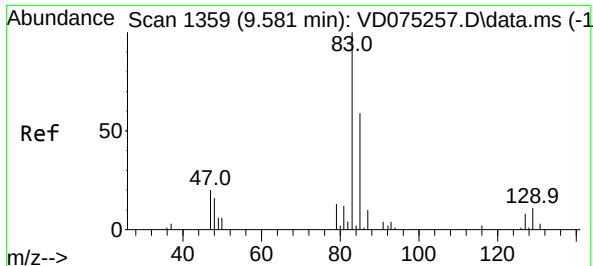
Ion Ratio Lower Upper

93 100

95 78.1 68.3 102.5

174 90.6 77.4 116.0





#47

Bromodichloromethane

Concen: 53.130 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

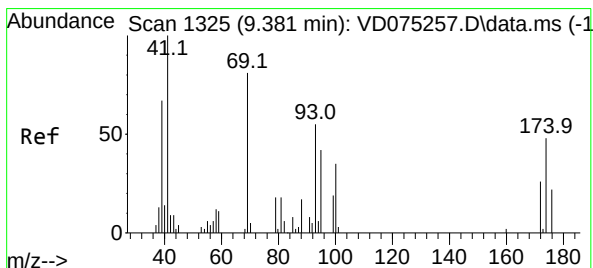
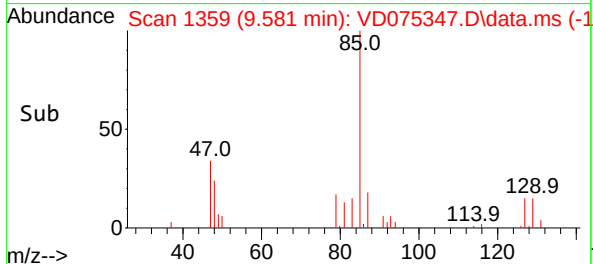
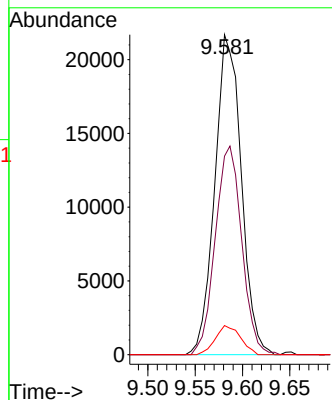
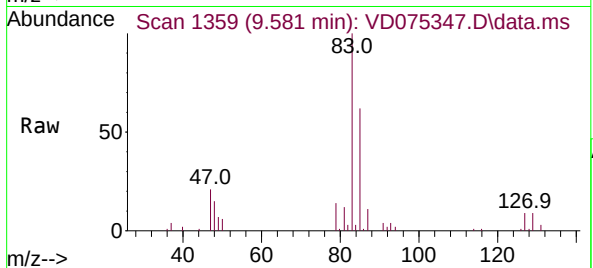
Tgt Ion: 83 Resp: 42183

Ion Ratio Lower Upper

83 100

85 62.1 53.0 79.4

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 54.736 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

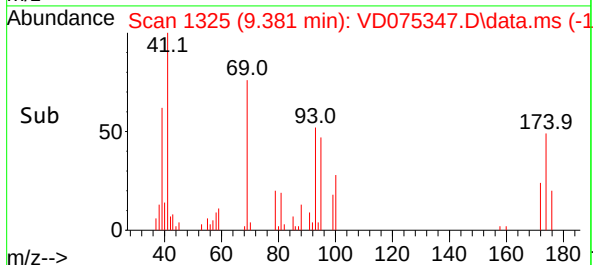
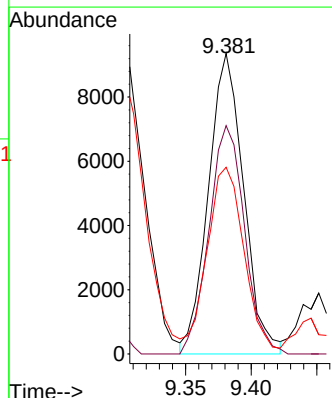
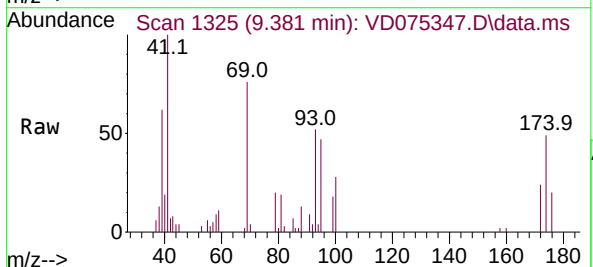
Tgt Ion: 41 Resp: 17471

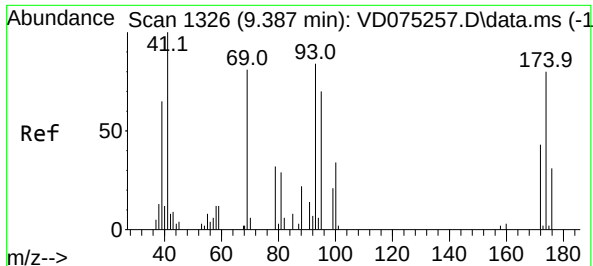
Ion Ratio Lower Upper

41 100

69 76.7 67.8 101.6

39 60.8 46.0 69.0





#49

1,4-Dioxane

Concen: 999.648 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

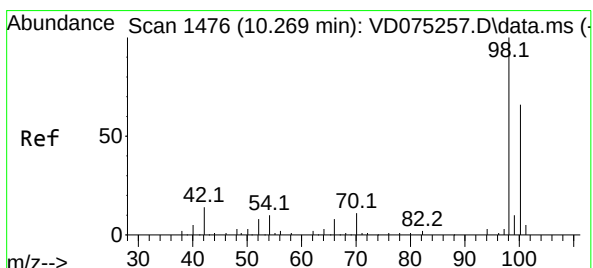
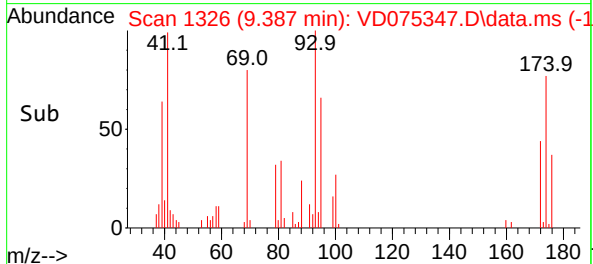
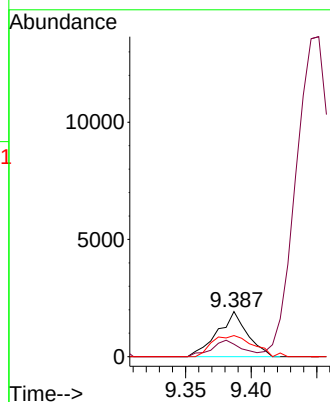
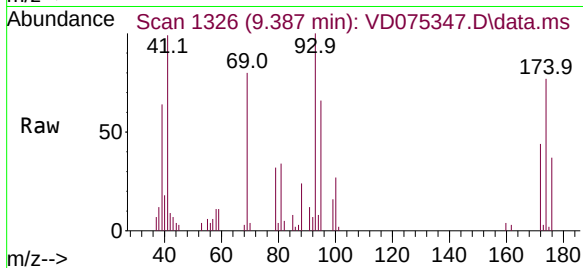
Tgt Ion: 88 Resp: 3041

Ion Ratio Lower Upper

88 100

43 36.7 35.6 53.4

58 65.0 57.4 86.2



#50

Toluene-d8

Concen: 52.173 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075347.D

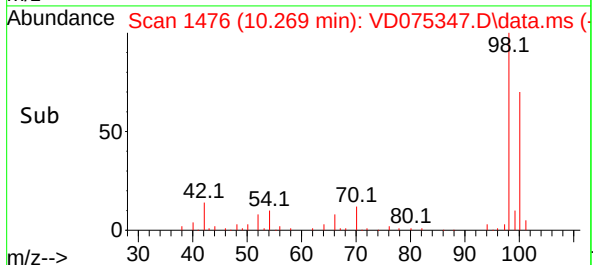
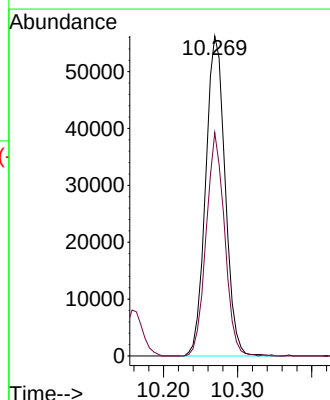
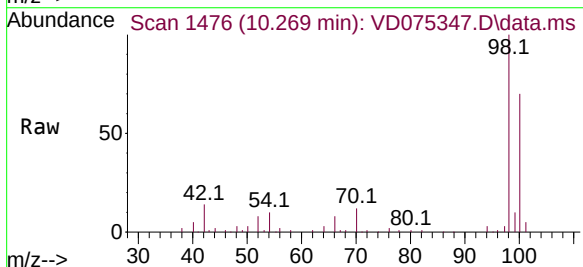
Acq: 14 Feb 2023 17:10

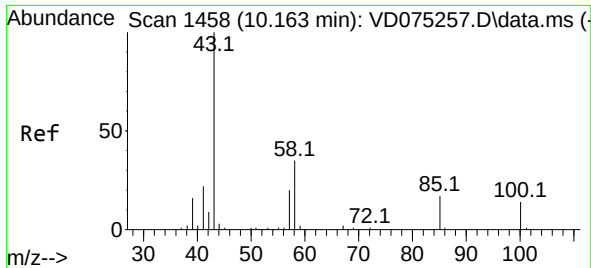
Tgt Ion: 98 Resp: 102438

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

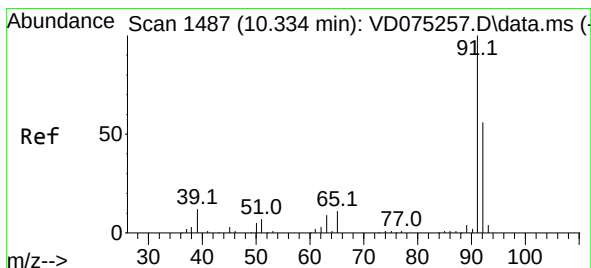
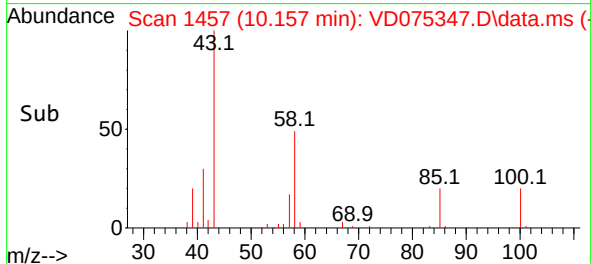
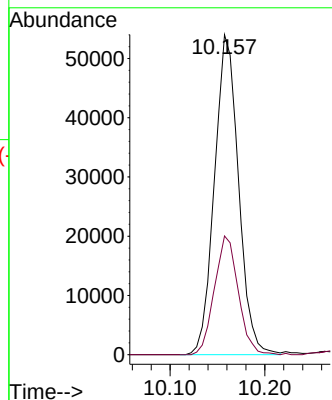
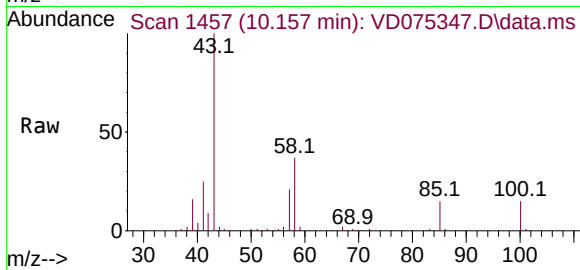




#51
4-Methyl-2-Pentanone
Concen: 280.944 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

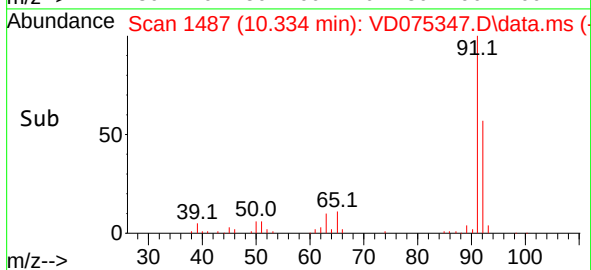
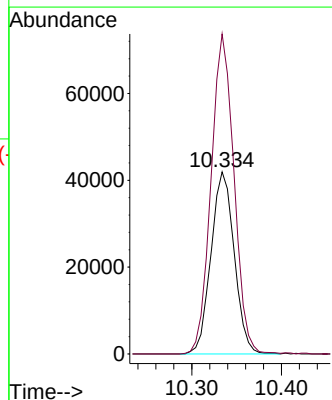
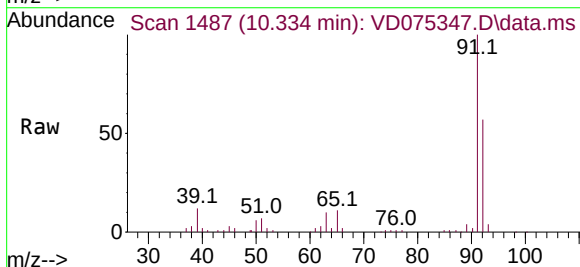
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

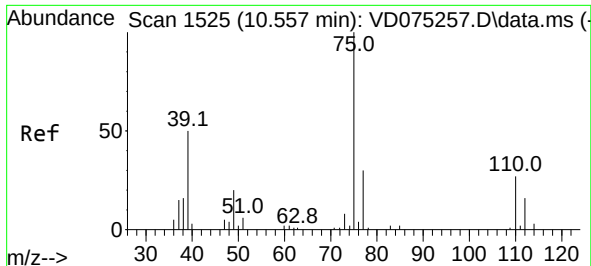
Tgt Ion: 43 Resp: 95459
Ion Ratio Lower Upper
43 100
58 36.7 31.4 47.0



#52
Toluene
Concen: 52.845 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 92 Resp: 75447
Ion Ratio Lower Upper
92 100
91 173.5 137.0 205.4

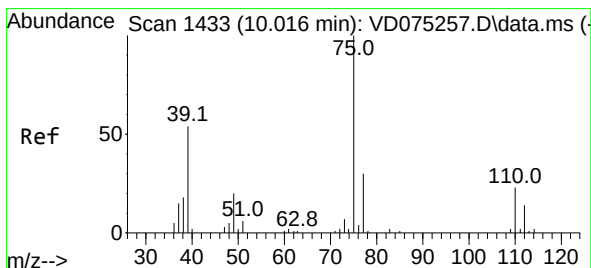
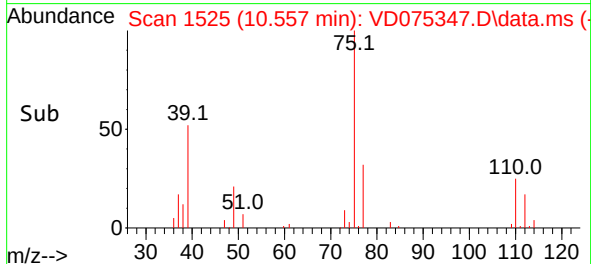
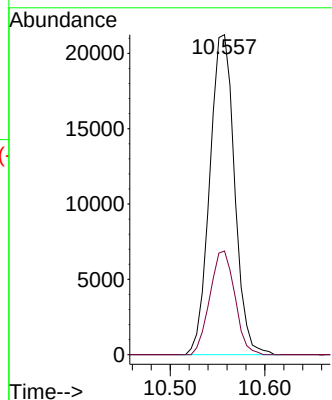
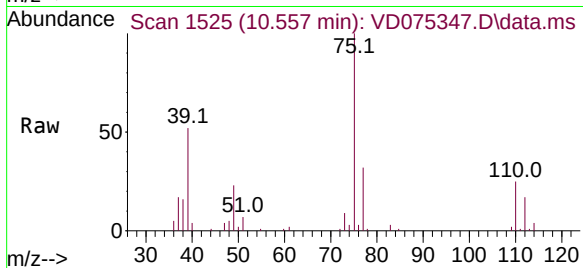




#53
t-1,3-Dichloropropene
Concen: 56.302 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

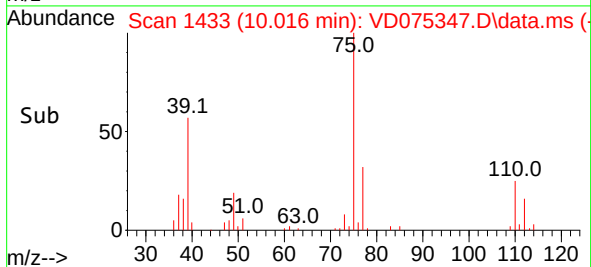
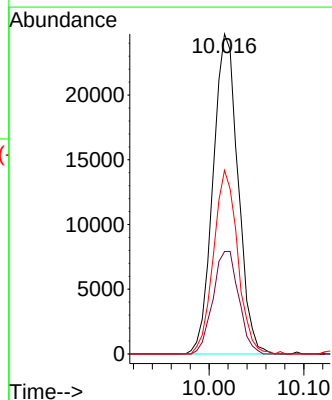
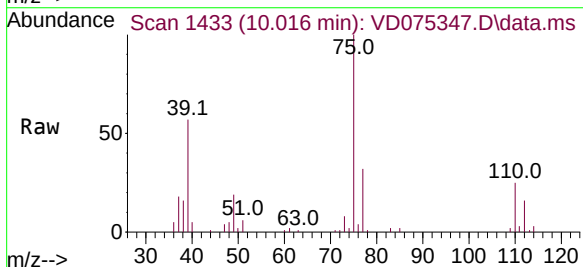
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

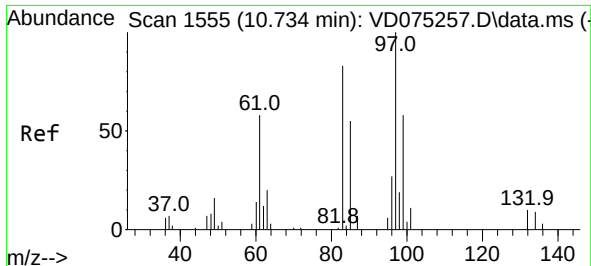
Tgt Ion: 75 Resp: 38720
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 54.995 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 75 Resp: 45219
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 57.4 37.9 56.9#

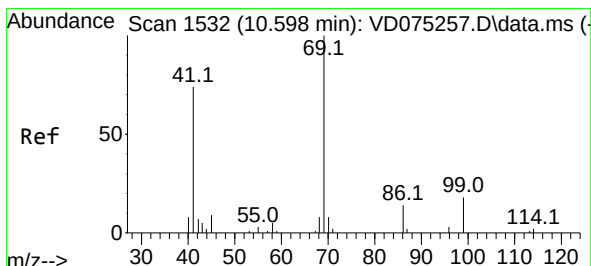
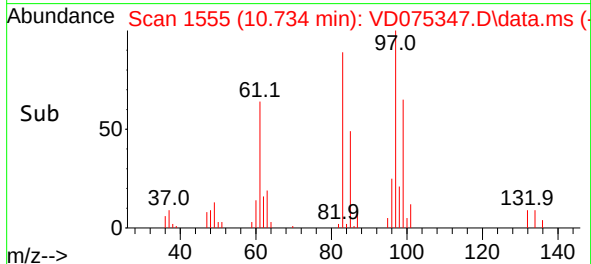
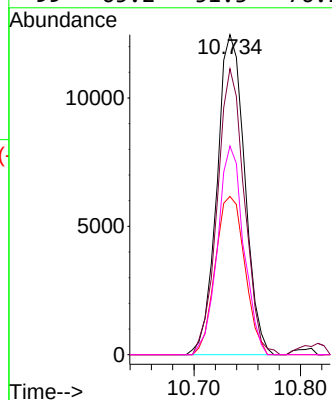
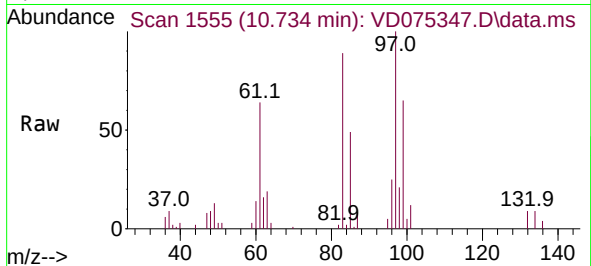




#55
1,1,2-Trichloroethane
Concen: 55.421 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

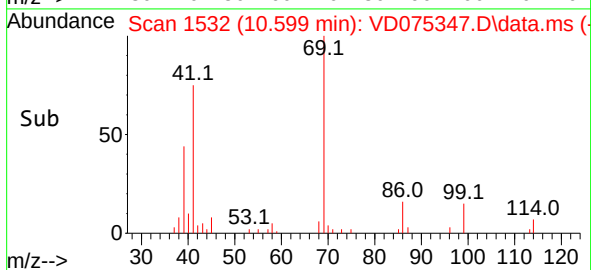
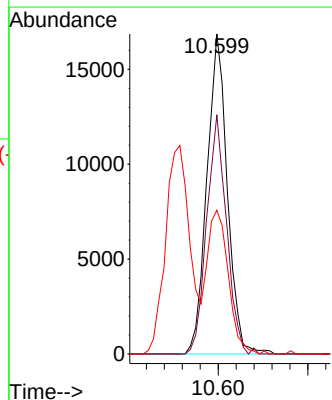
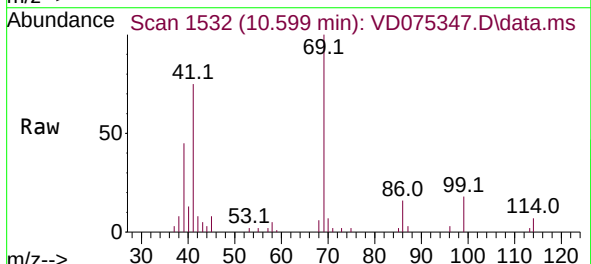
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

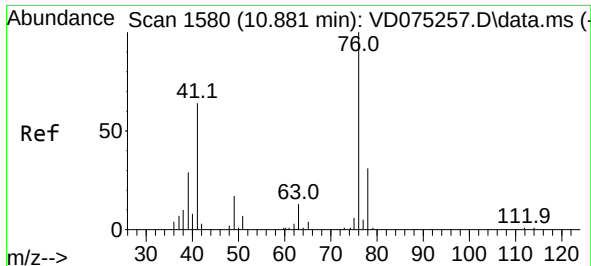
Tgt Ion:	97	Resp:	22569
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.4	104.0
85	49.5	46.0	69.0
99	65.2	51.3	76.9



#56
Ethyl methacrylate
Concen: 56.258 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:	69	Resp:	26634
Ion	Ratio	Lower	Upper
69	100		
41	72.5	55.7	83.5
39	46.2	31.4	47.0





#57

1,3-Dichloropropane

Concen: 53.920 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

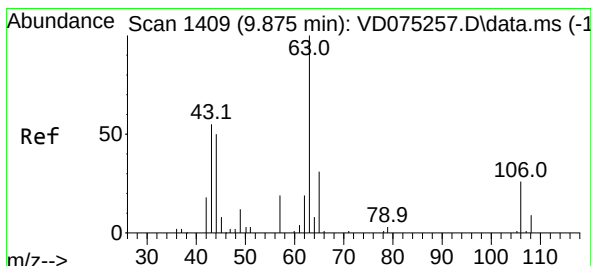
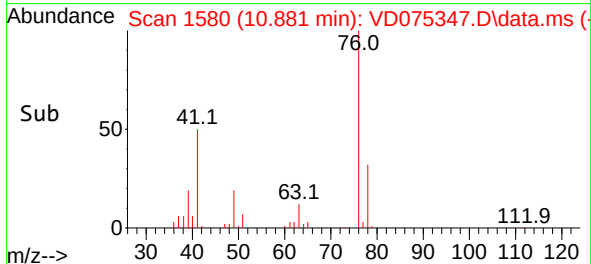
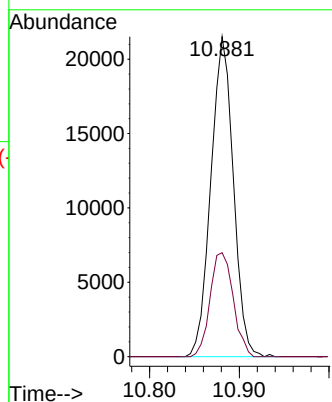
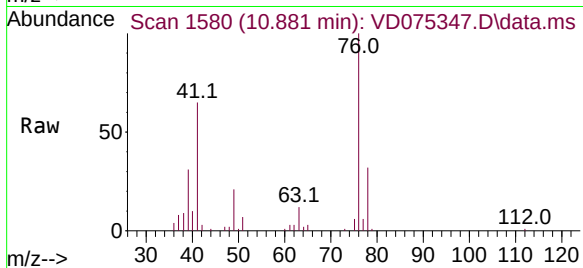
VSTDCCC050EC

Tgt Ion: 76 Resp: 37406

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 311.953 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075347.D

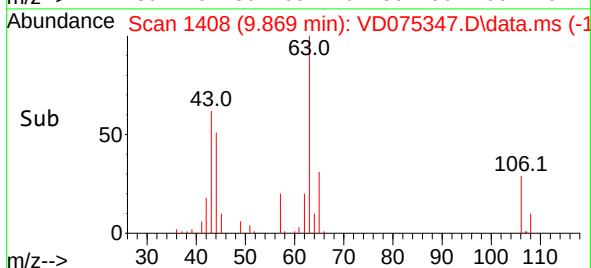
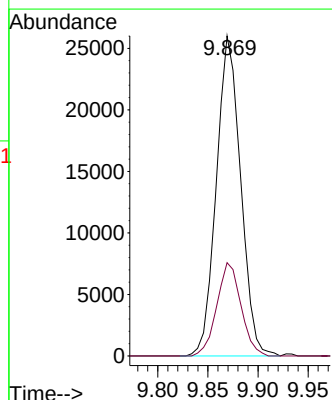
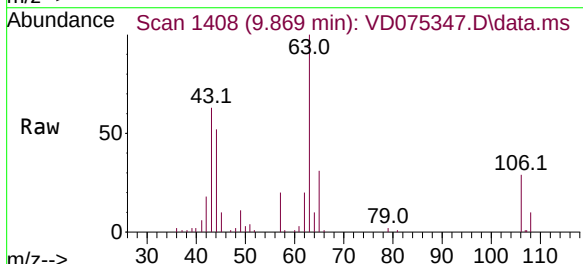
Acq: 14 Feb 2023 17:10

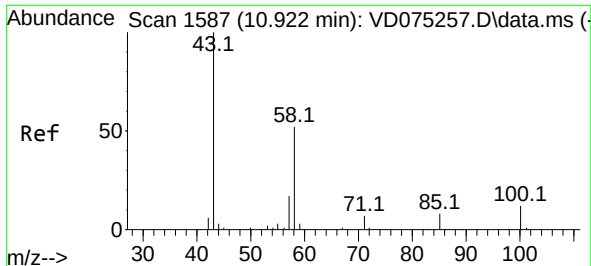
Tgt Ion: 63 Resp: 43821

Ion Ratio Lower Upper

63 100

106 29.0 22.6 33.8

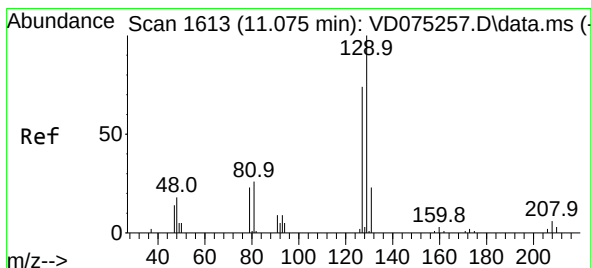
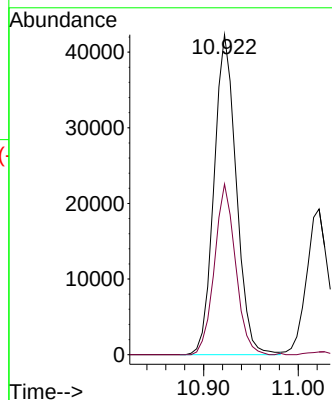
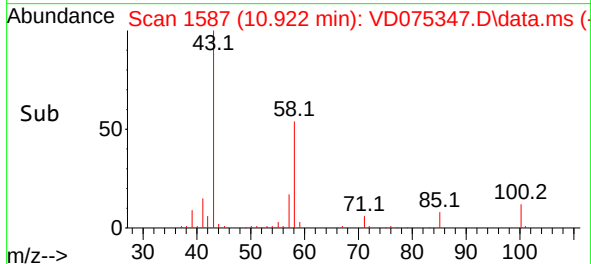
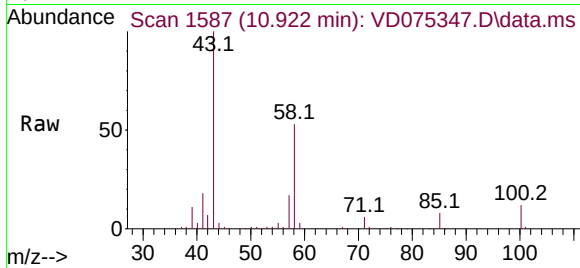




#59
2-Hexanone
Concen: 277.903 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

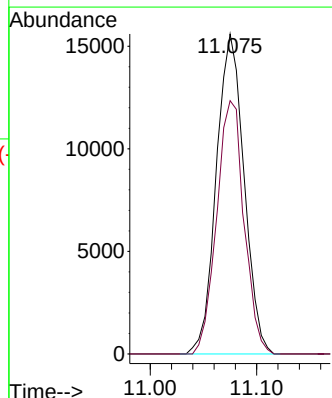
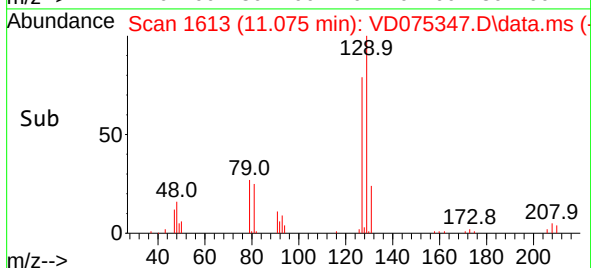
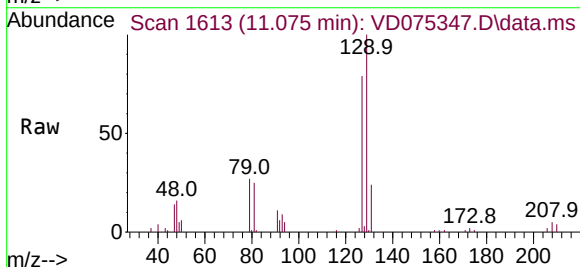
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

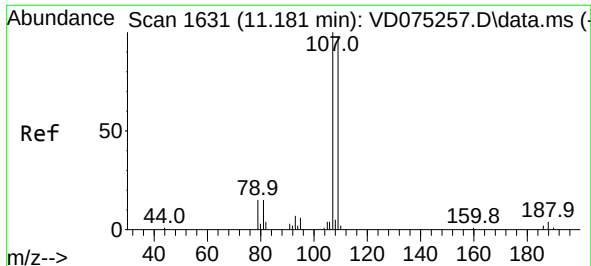
Tgt Ion: 43 Resp: 68986
Ion Ratio Lower Upper
43 100
58 50.5 26.8 80.4



#60
Dibromochloromethane
Concen: 55.841 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 129 Resp: 28174
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

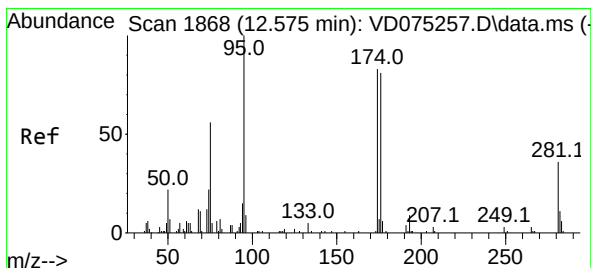
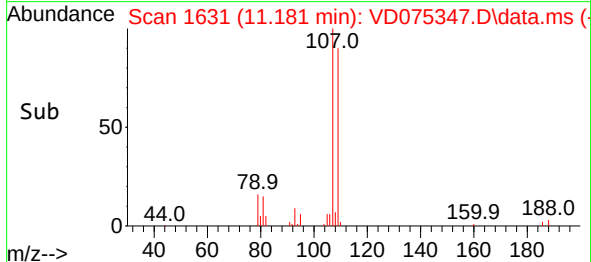
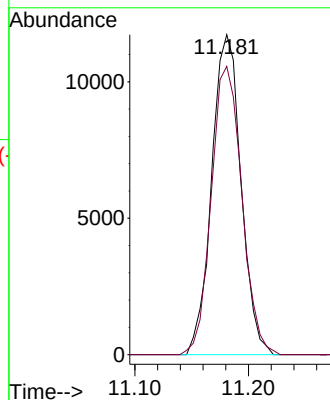
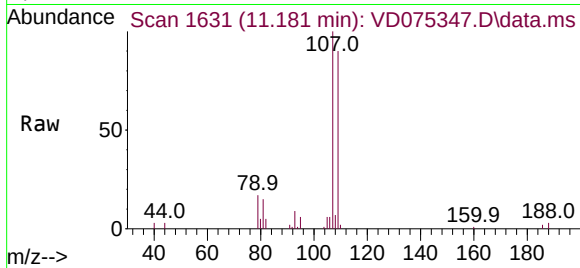




#61
1,2-Dibromoethane
Concen: 53.429 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

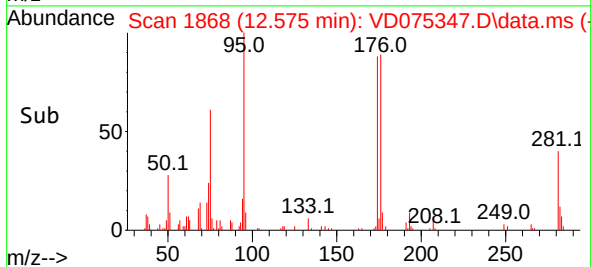
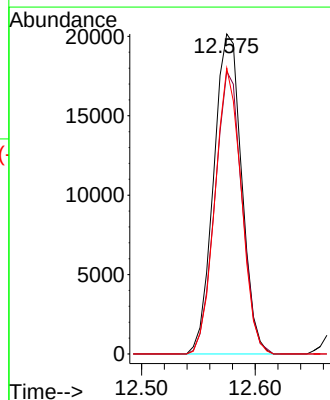
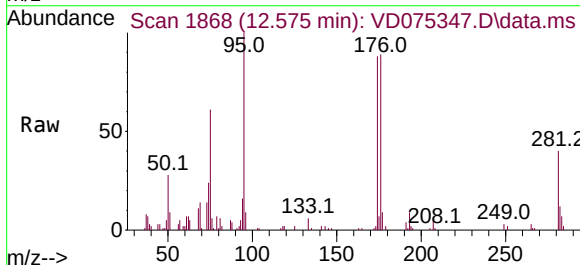
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

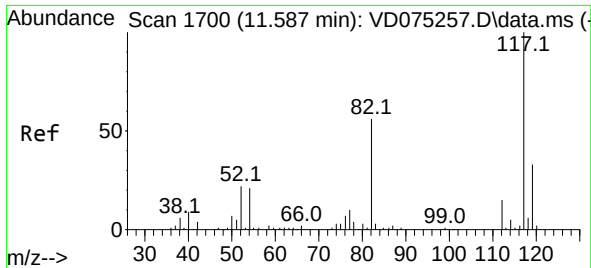
Tgt Ion:107 Resp: 20980
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.360 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 95 Resp: 34546
Ion Ratio Lower Upper
95 100
174 85.2 0.0 161.2
176 83.8 0.0 160.2

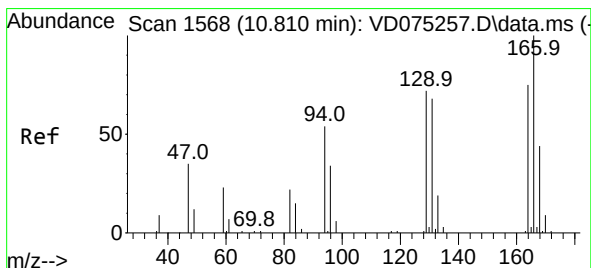
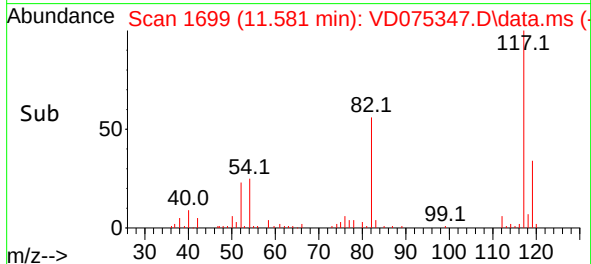
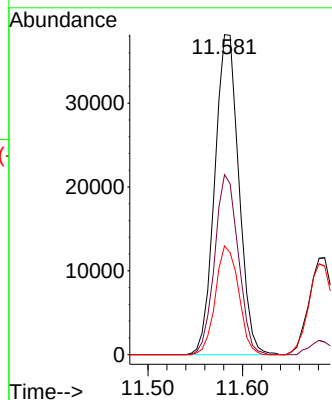
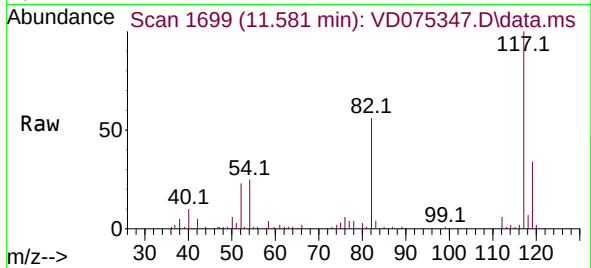




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

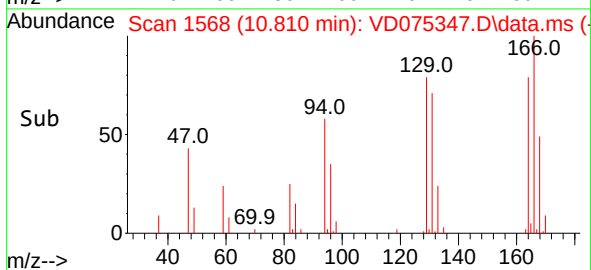
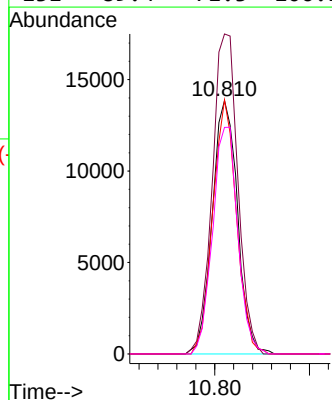
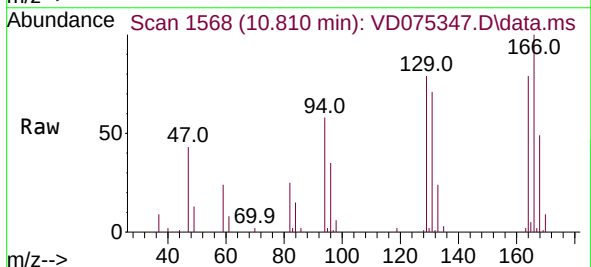
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

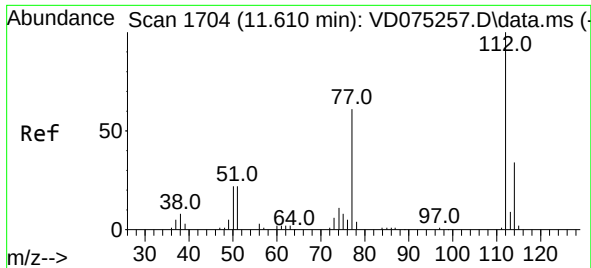
Tgt Ion:117 Resp: 67438
Ion Ratio Lower Upper
117 100
82 56.3 39.6 59.4
119 34.0 24.6 37.0



#64
Tetrachloroethene
Concen: 49.361 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:164 Resp: 25638
Ion Ratio Lower Upper
164 100
166 126.3 105.3 157.9
129 100.2 76.2 114.4
131 89.4 71.3 106.9

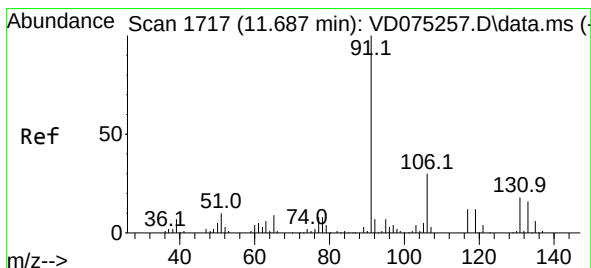
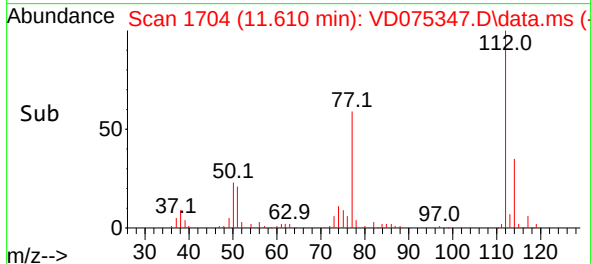
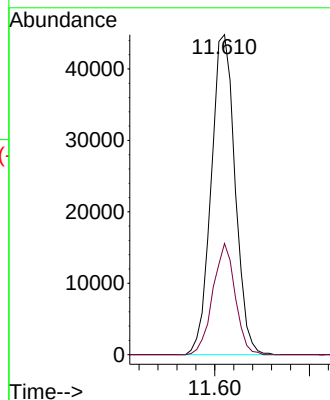
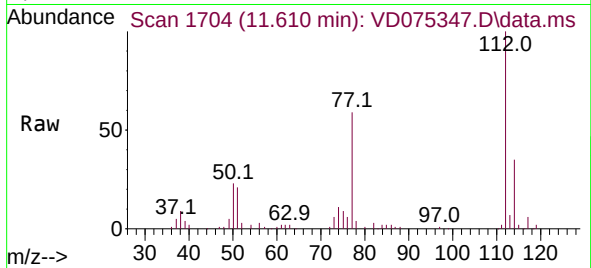




#65
Chlorobenzene
Concen: 51.544 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

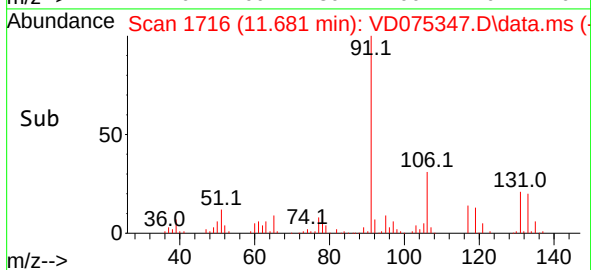
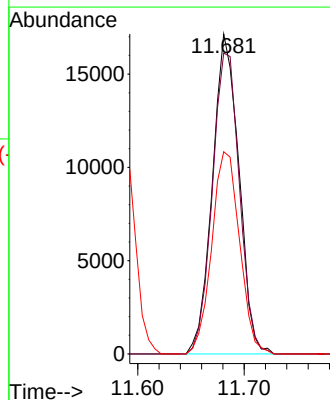
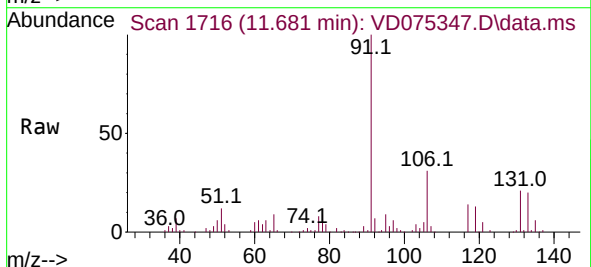
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

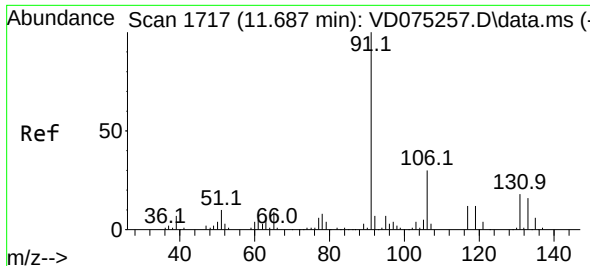
Tgt Ion:112 Resp: 78390
Ion Ratio Lower Upper
112 100
114 34.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.344 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:131 Resp: 29537
Ion Ratio Lower Upper
131 100
133 96.6 49.0 147.2
119 66.5 34.8 104.5

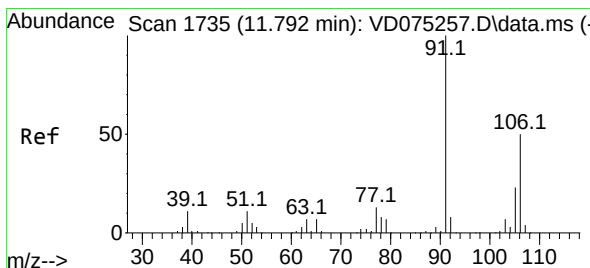
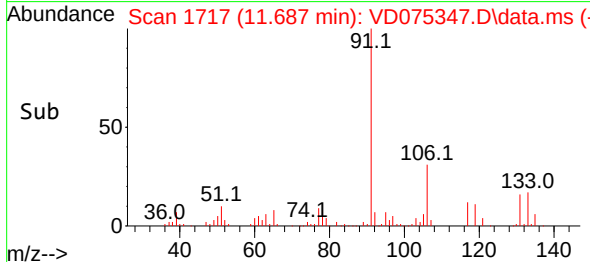
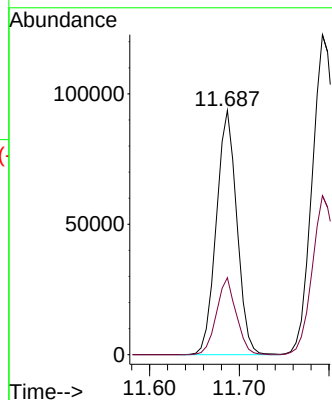
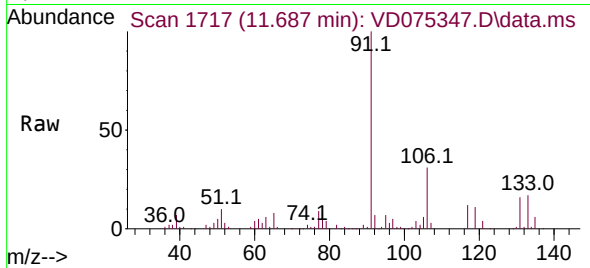




#67
Ethyl Benzene
Concen: 53.005 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

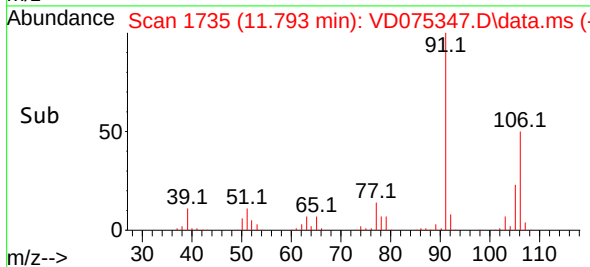
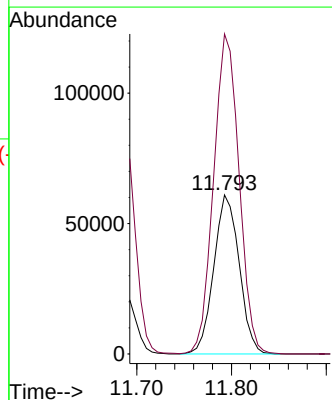
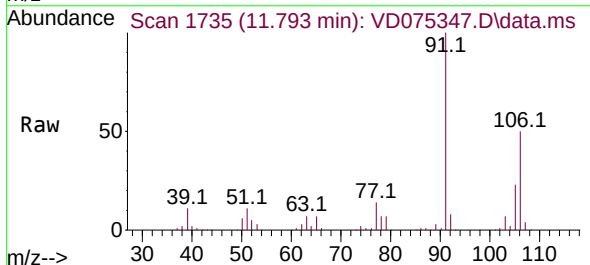
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

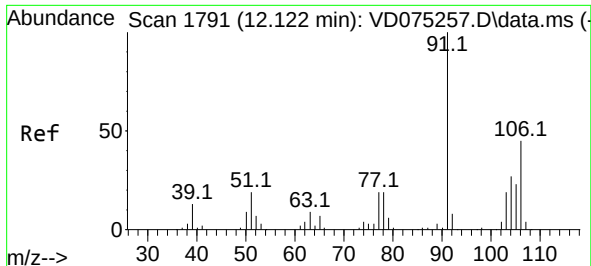
Tgt Ion: 91 Resp: 148825
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 106.326 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:106 Resp: 113561
Ion Ratio Lower Upper
106 100
91 201.9 160.3 240.5

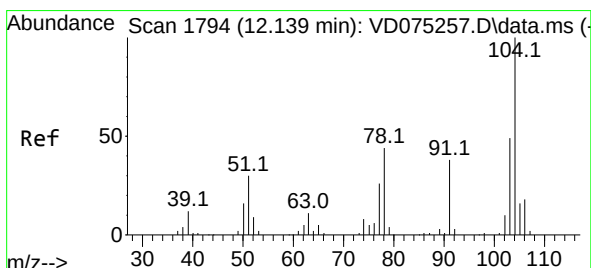
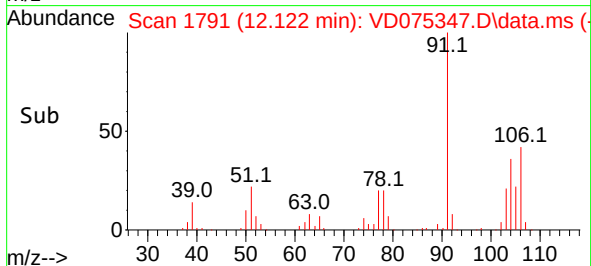
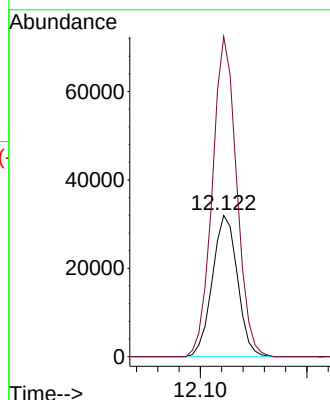
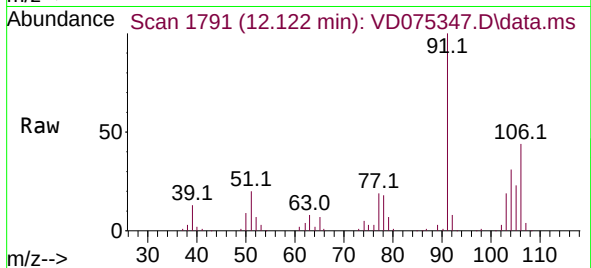




#69
o-Xylene
Concen: 52.326 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

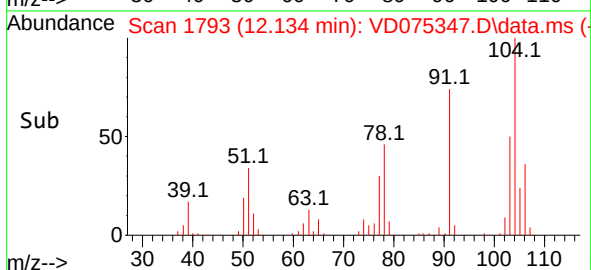
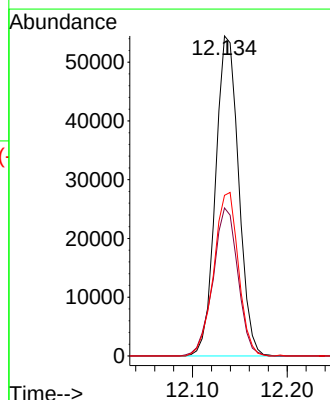
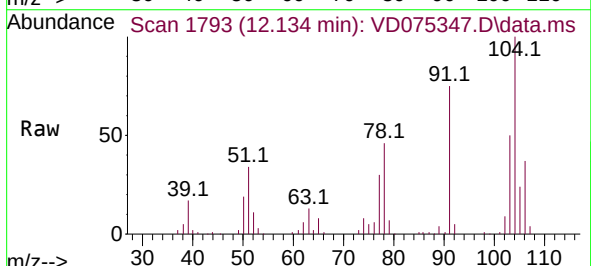
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

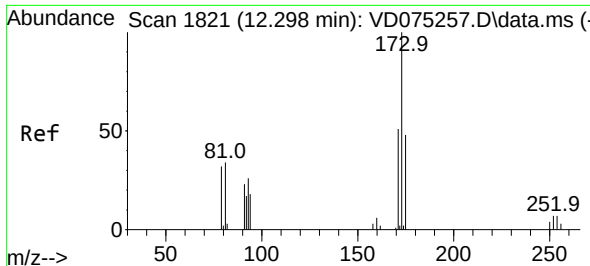
Tgt Ion:106 Resp: 52203
Ion Ratio Lower Upper
106 100
91 219.8 103.6 310.9



#70
Styrene
Concen: 54.655 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:104 Resp: 92365
Ion Ratio Lower Upper
104 100
78 49.7 38.9 58.3
103 54.4 43.6 65.4

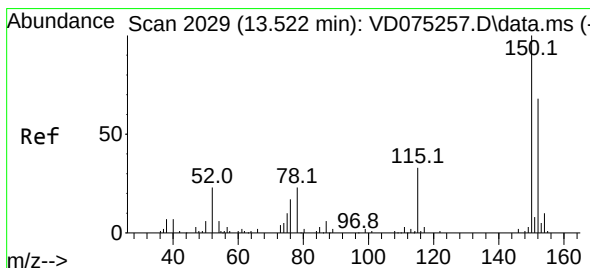
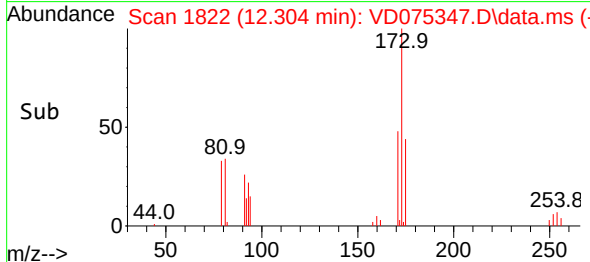
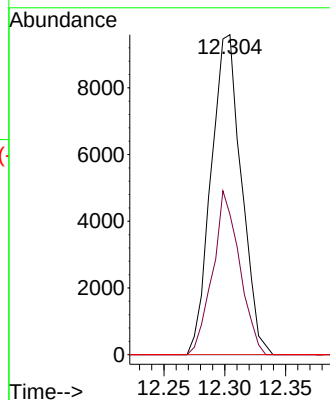
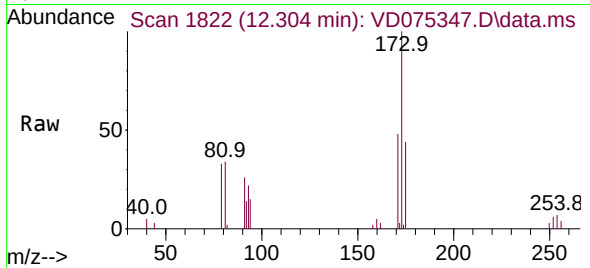




#71
Bromoform
Concen: 55.880 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

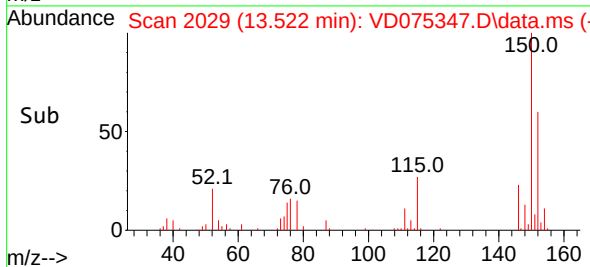
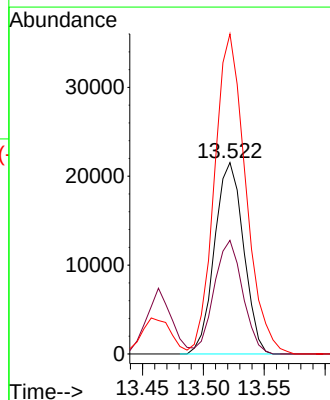
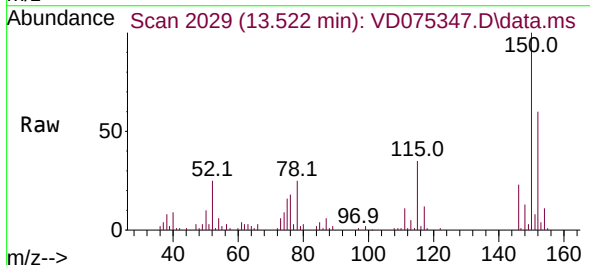
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

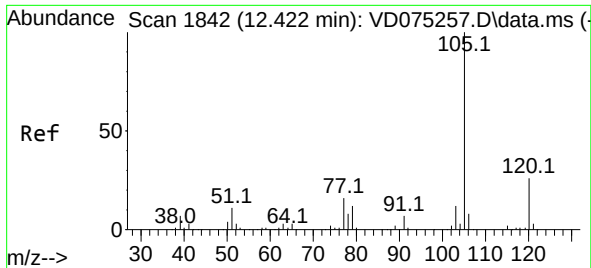
Tgt Ion:173 Resp: 16620
Ion Ratio Lower Upper
173 100
175 45.4 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:152 Resp: 35685
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.4
150 179.9 0.0 348.6

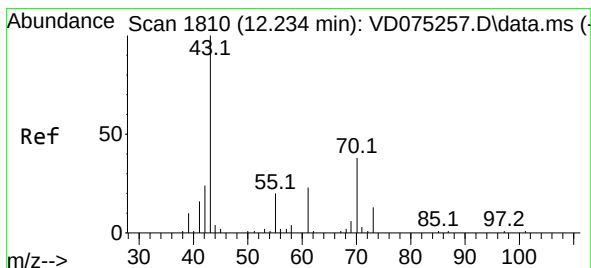
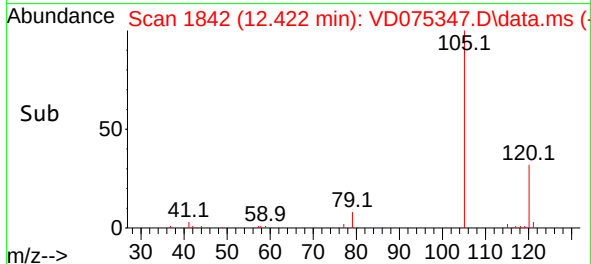
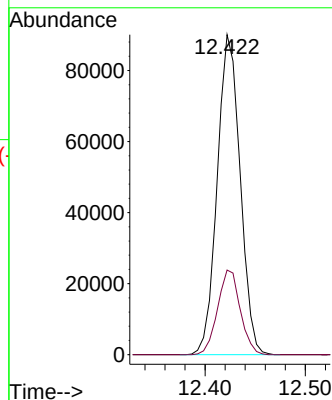
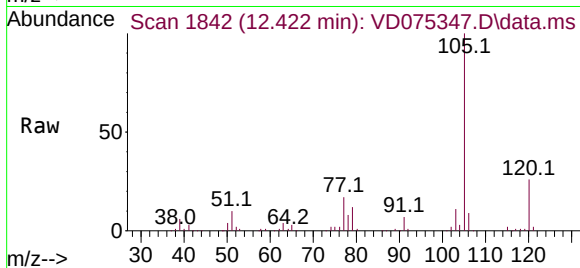




#73
Isopropylbenzene
Concen: 49.398 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

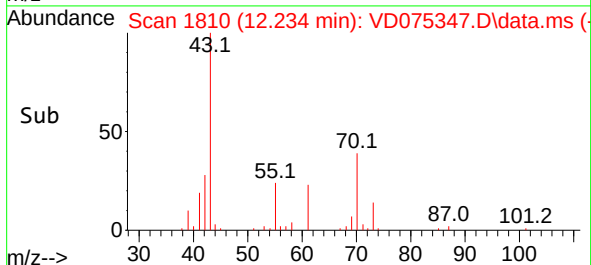
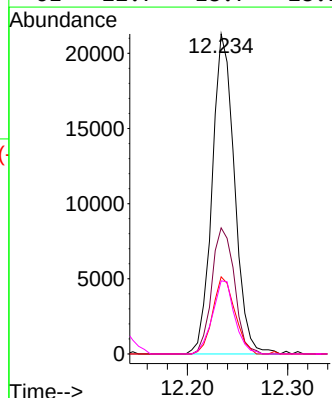
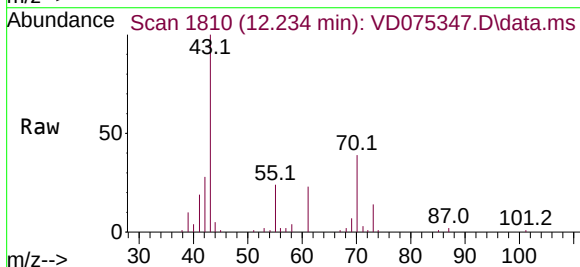
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

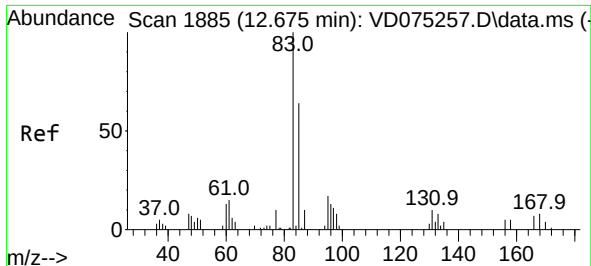
Tgt Ion:105 Resp: 142805
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.1



#74
N-ethyl acetate
Concen: 50.762 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 43 Resp: 32976
Ion Ratio Lower Upper
43 100
70 39.8 32.6 49.0
55 23.8 17.8 26.8
61 22.7 18.7 28.1

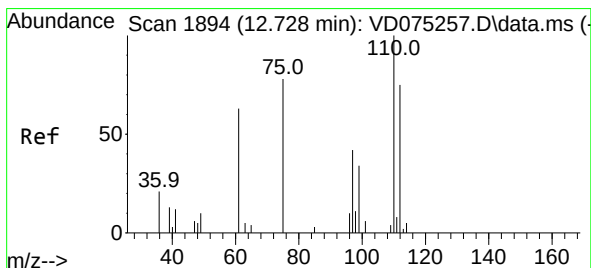
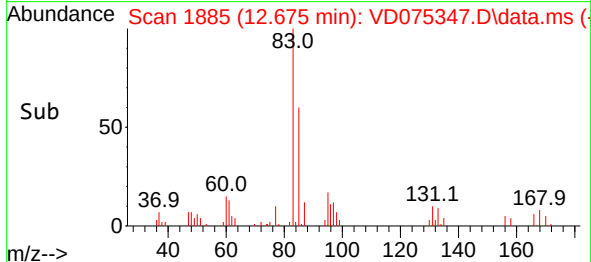
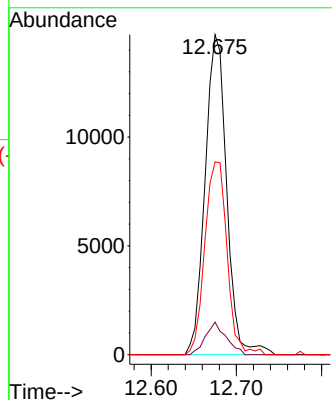
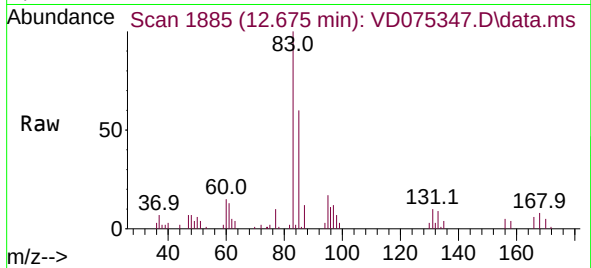




#75
 1,1,2-Tetrachloroethane
 Concen: 51.516 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

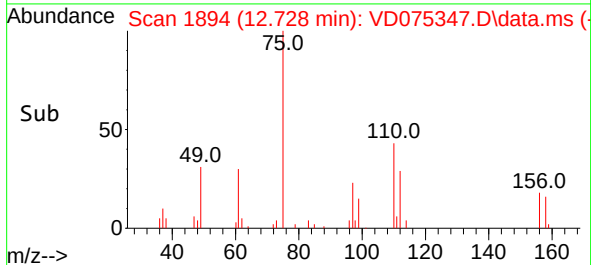
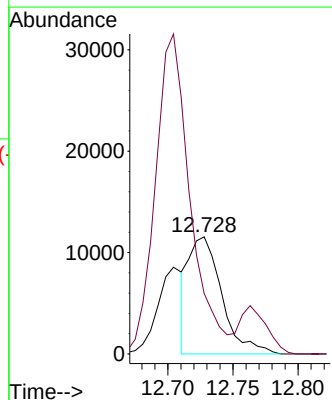
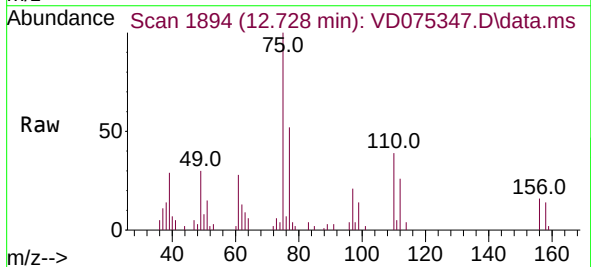
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

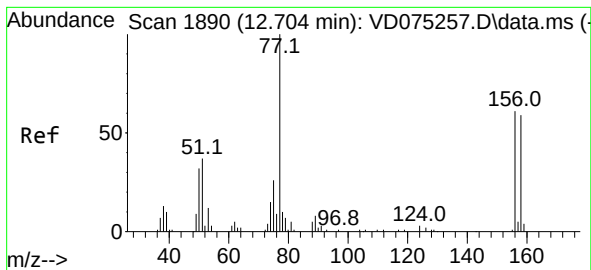
Tgt Ion: 83 Resp: 25910
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 62.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 50.675 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

Tgt Ion: 75 Resp: 20540
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.526 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

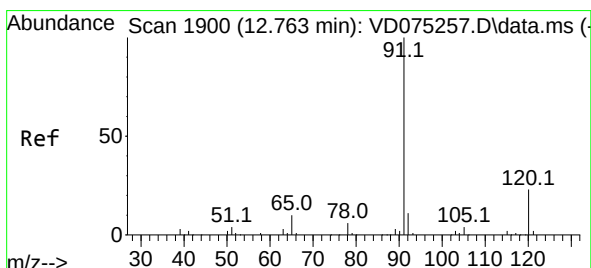
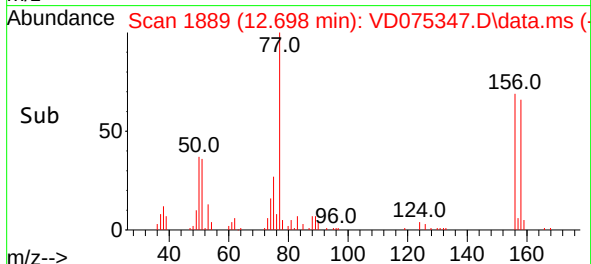
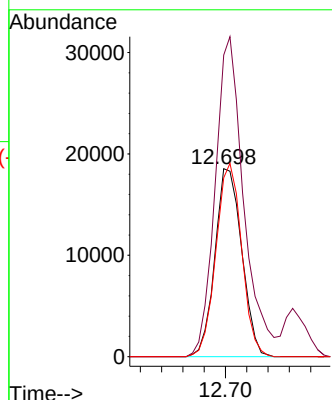
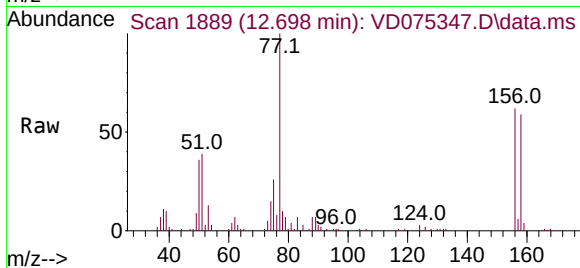
Tgt Ion:156 Resp: 32421

Ion Ratio Lower Upper

156 100

77 180.4 85.6 256.8

158 98.4 47.3 141.9



#78

n-propylbenzene

Concen: 49.614 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075347.D

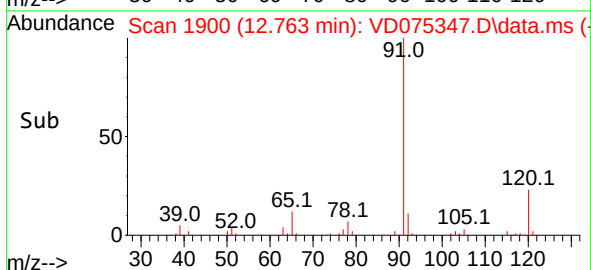
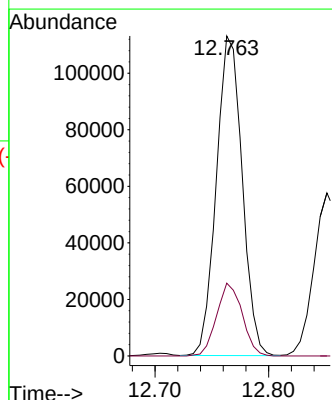
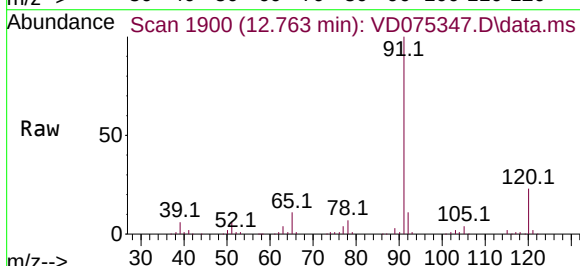
Acq: 14 Feb 2023 17:10

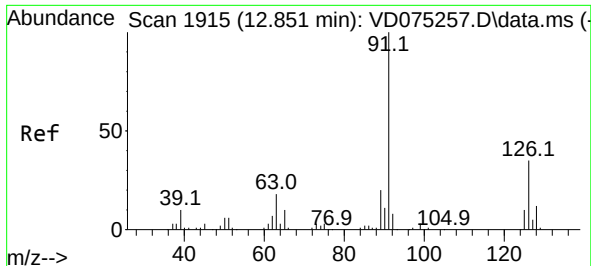
Tgt Ion: 91 Resp: 178470

Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.0





#79

2-Chlorotoluene

Concen: 48.870 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

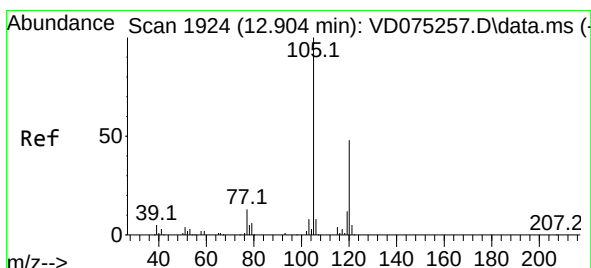
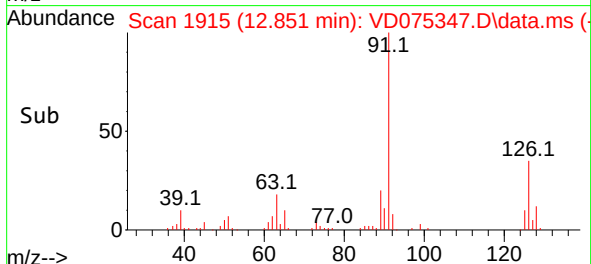
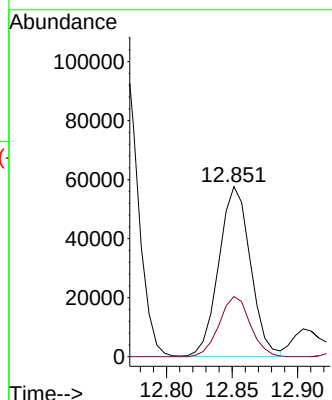
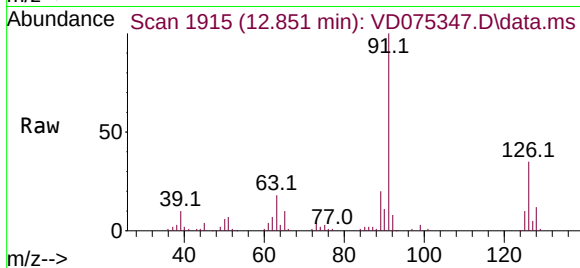
VSTDCCC050EC

Tgt Ion: 91 Resp: 96425

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.321 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075347.D

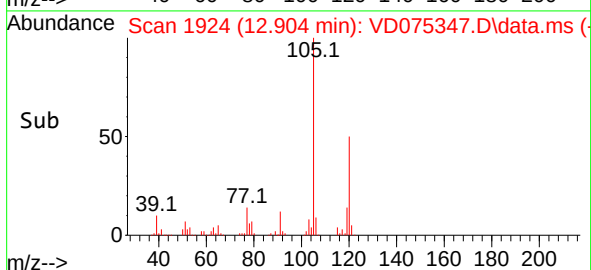
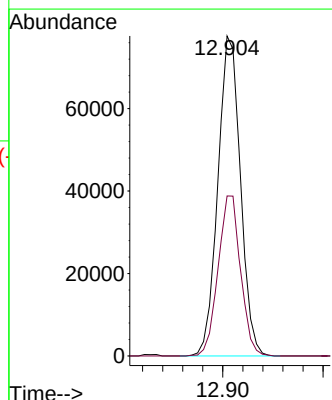
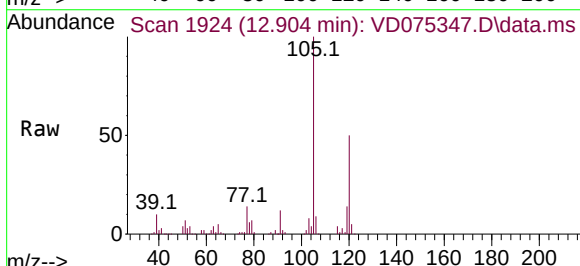
Acq: 14 Feb 2023 17:10

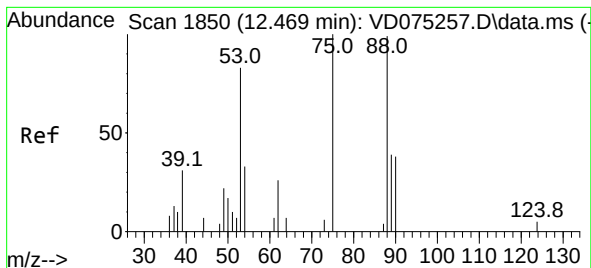
Tgt Ion: 105 Resp: 121125

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.8

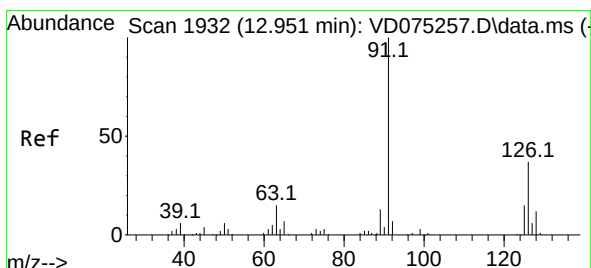
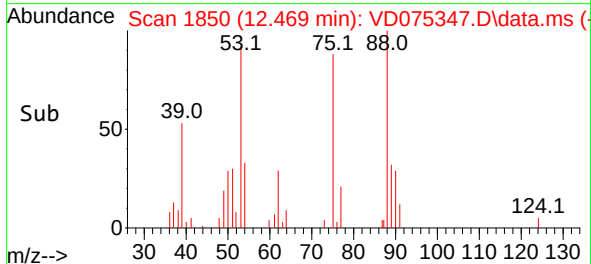
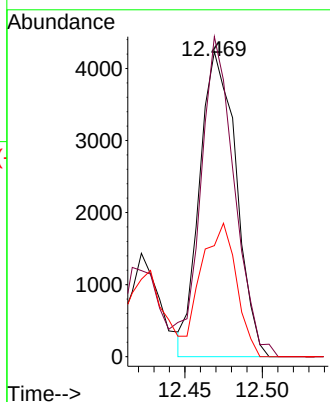
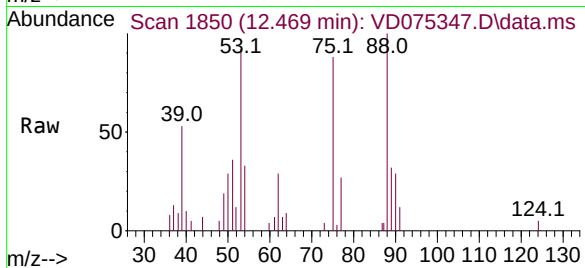




#81
trans-1,4-Dichloro-2-butene
Concen: 55.129 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

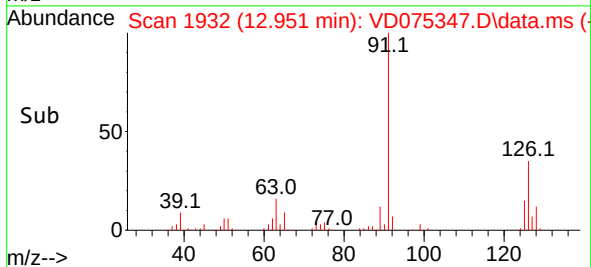
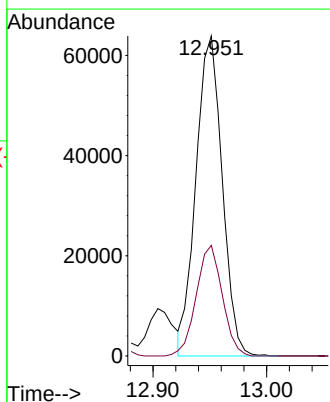
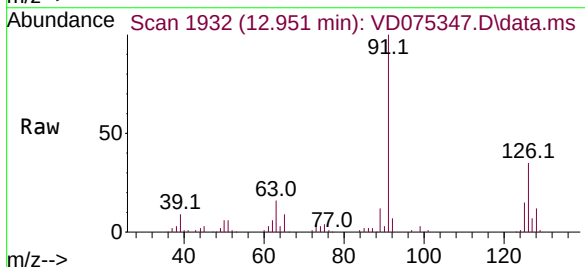
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

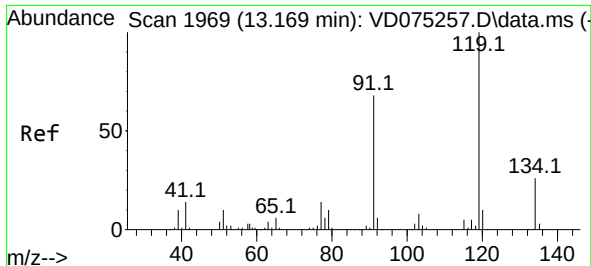
Tgt Ion: 75 Resp: 6912
Ion Ratio Lower Upper
75 100
53 98.1 70.5 105.7
89 41.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 49.868 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 91 Resp: 102641
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0

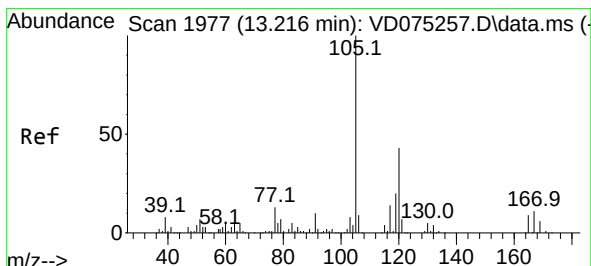
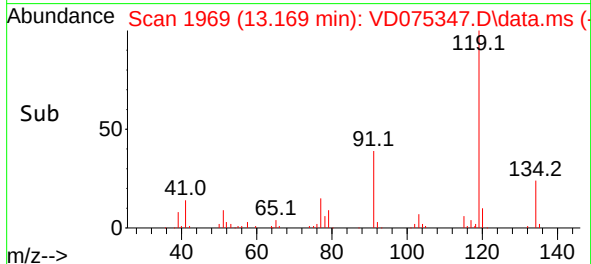
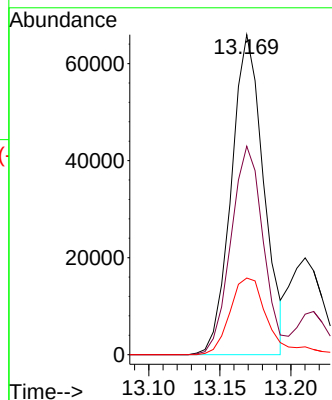
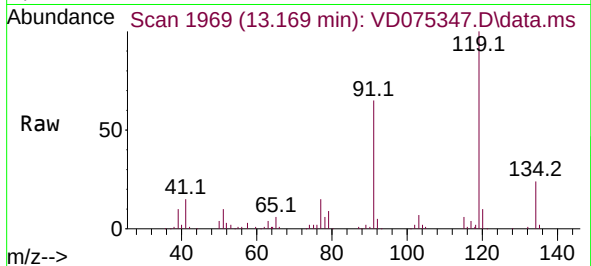




#83
tert-Butylbenzene
Concen: 50.208 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

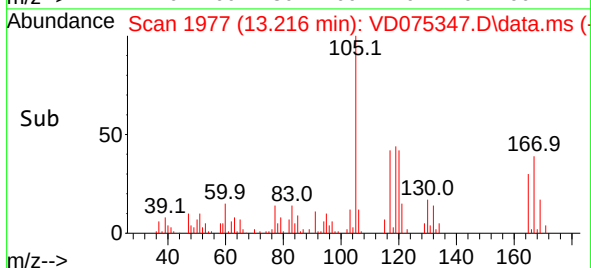
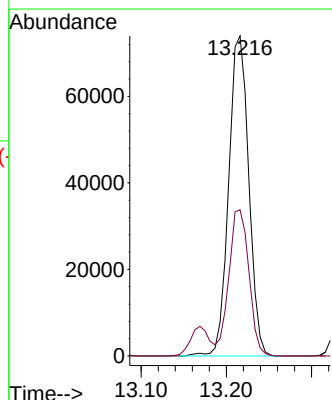
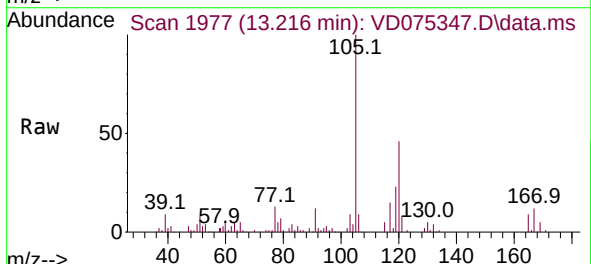
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

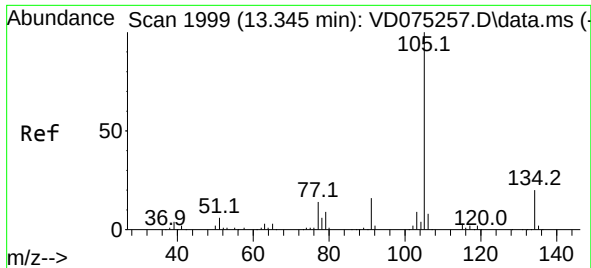
Tgt Ion:119 Resp: 104190
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 28.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.393 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:105 Resp: 121151
Ion Ratio Lower Upper
105 100
120 45.7 23.2 69.5

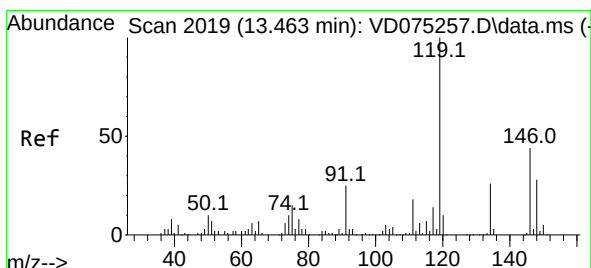
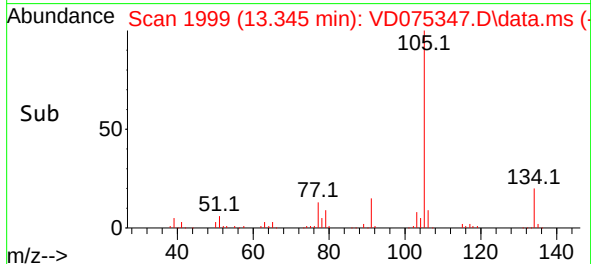
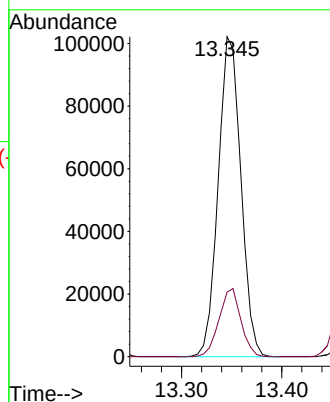
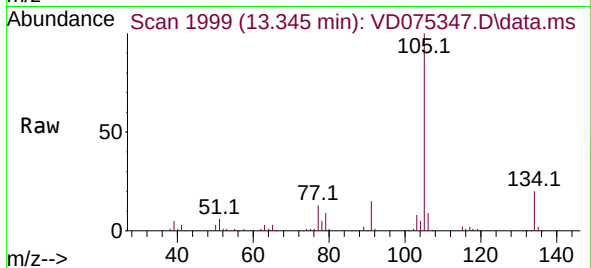




#85
 sec-Butylbenzene
 Concen: 50.363 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

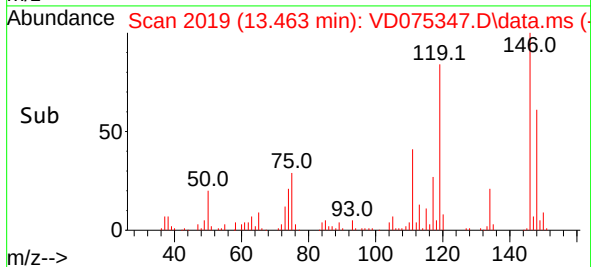
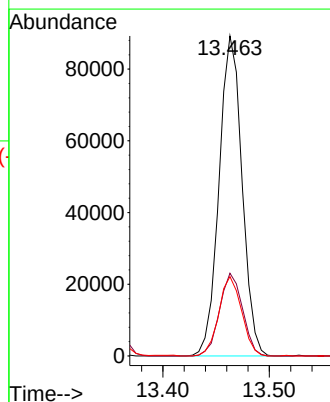
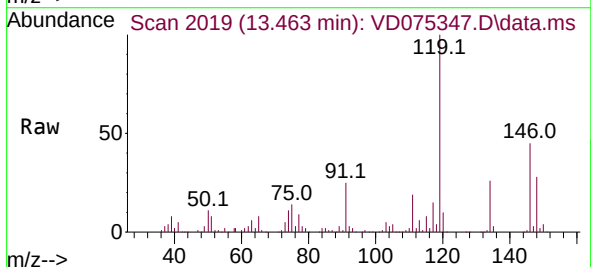
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

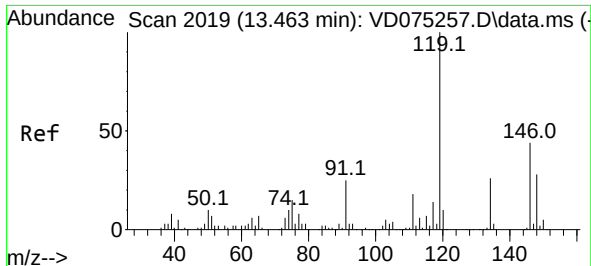
Tgt Ion:105 Resp: 160329
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.303 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

Tgt Ion:119 Resp: 133602
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 24.6 11.9 35.5

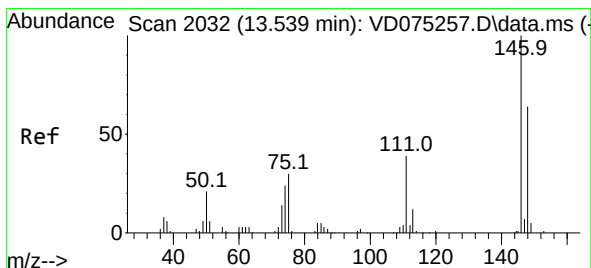
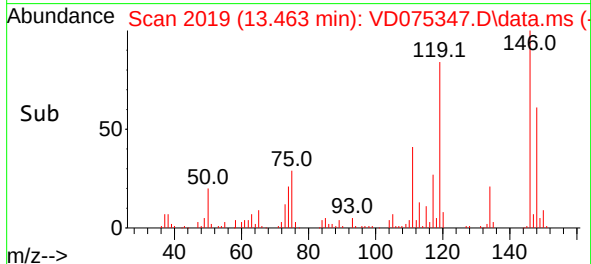
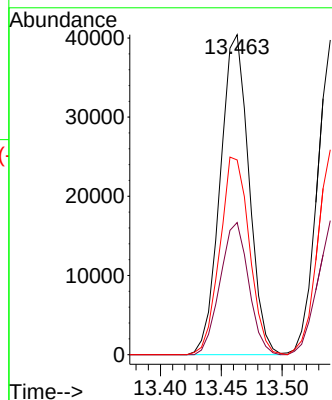
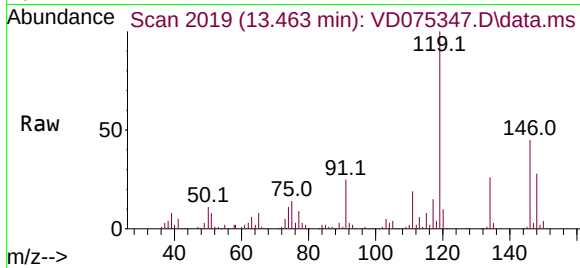




#87
 1,3-Dichlorobenzene
 Concen: 50.128 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

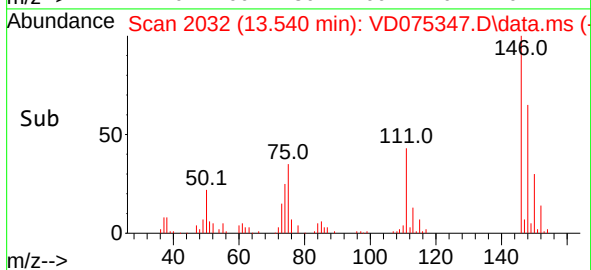
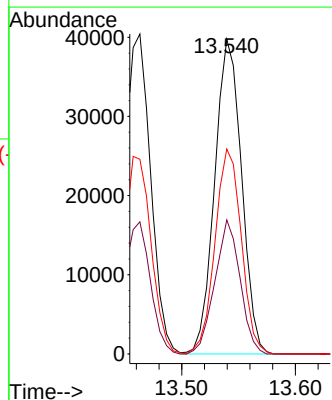
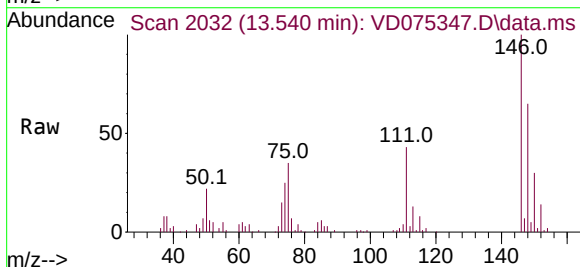
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

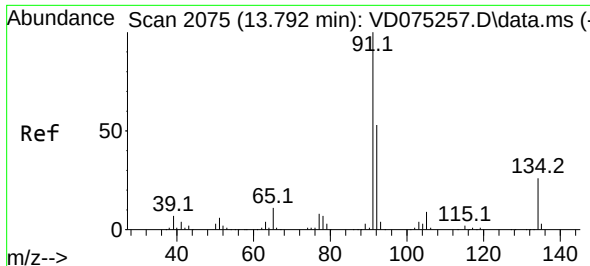
Tgt Ion:146 Resp: 66326
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.9 56.9
 148 63.4 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 49.448 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

Tgt Ion:146 Resp: 65466
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.1
 148 63.8 31.9 95.5

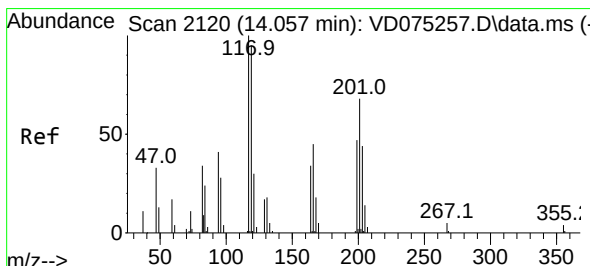
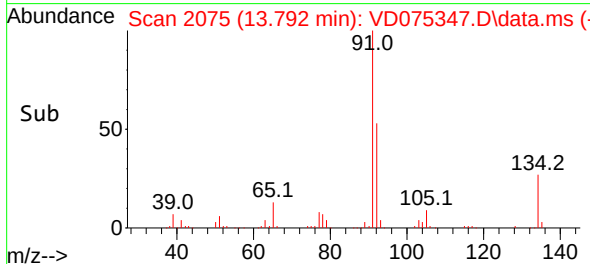
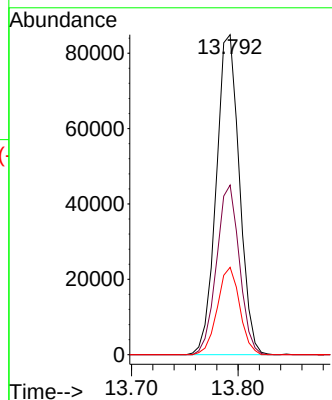
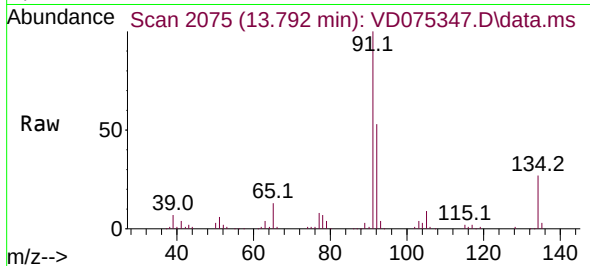




#89
n-Butylbenzene
Concen: 50.343 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

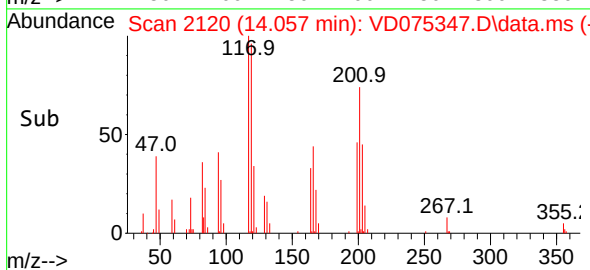
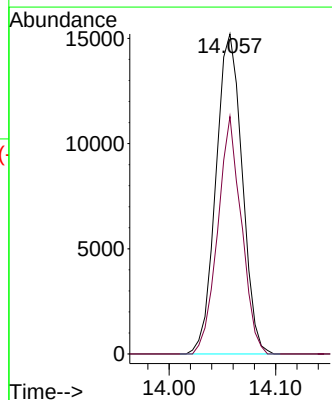
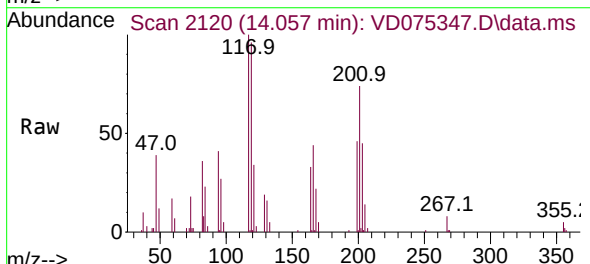
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

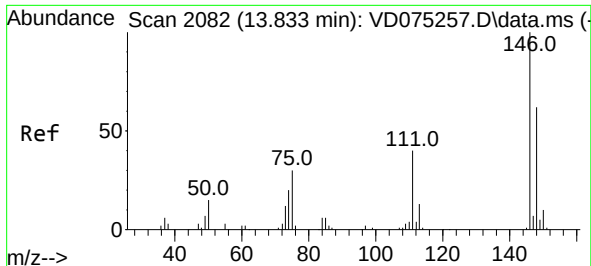
Tgt Ion: 91 Resp: 127990
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.3
134 26.4 13.3 39.8



#90
Hexachloroethane
Concen: 50.674 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion: 117 Resp: 26016
Ion Ratio Lower Upper
117 100
201 67.1 35.1 105.5

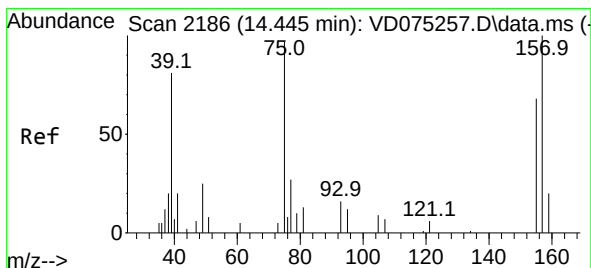
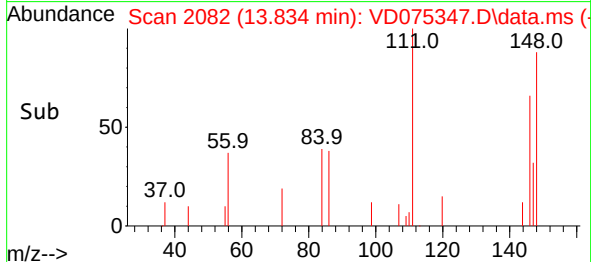
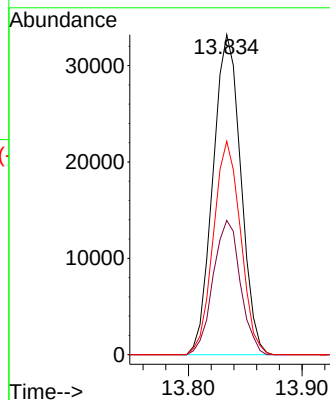
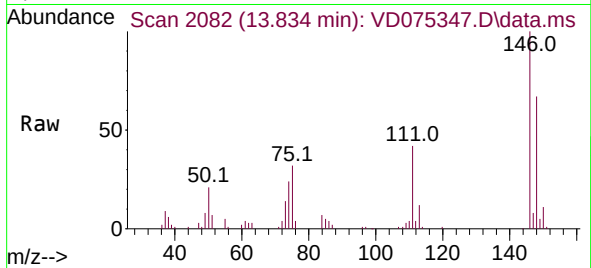




#91
 1,2-Dichlorobenzene
 Concen: 49.318 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.001 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

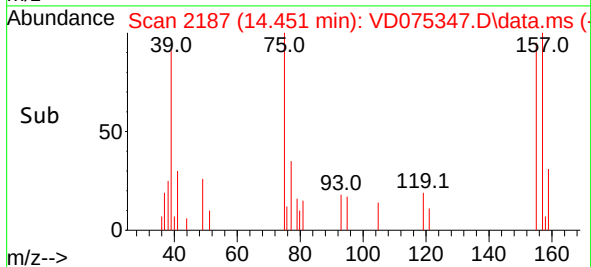
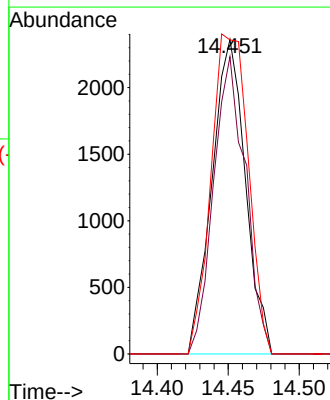
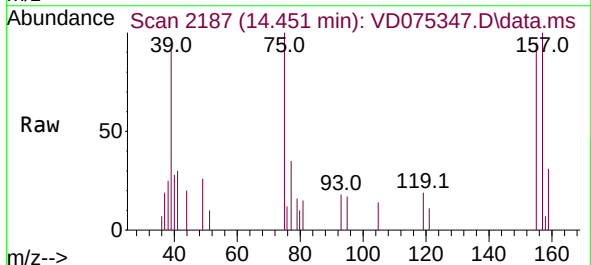
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

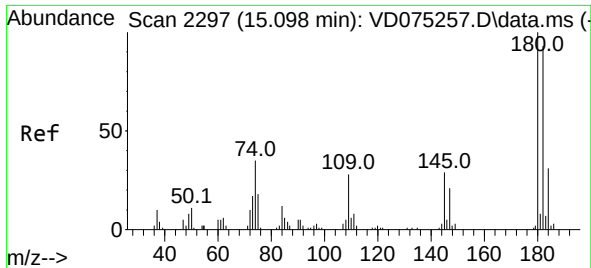
Tgt Ion:146 Resp: 56619
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 65.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.673 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD075347.D
 Acq: 14 Feb 2023 17:10

Tgt Ion: 75 Resp: 3875
 Ion Ratio Lower Upper
 75 100
 155 89.9 43.4 130.2
 157 112.7 56.4 169.2

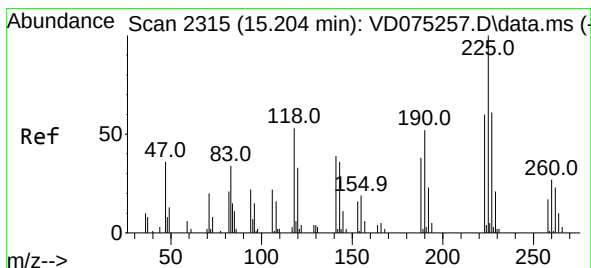
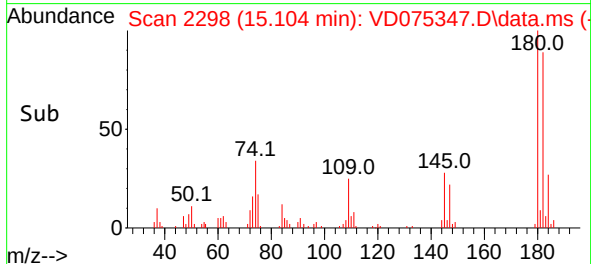
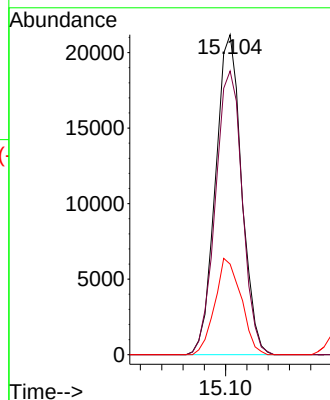
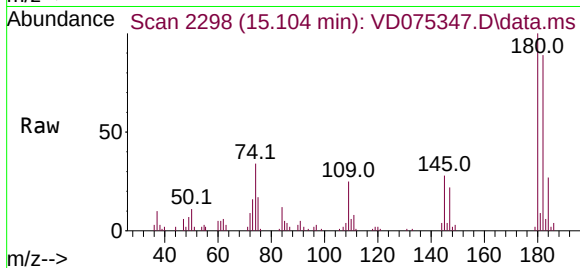




#93
1,2,4-Trichlorobenzene
Concen: 50.044 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

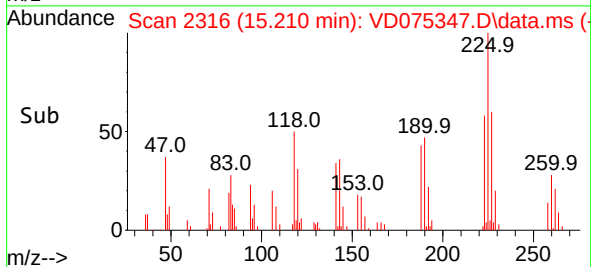
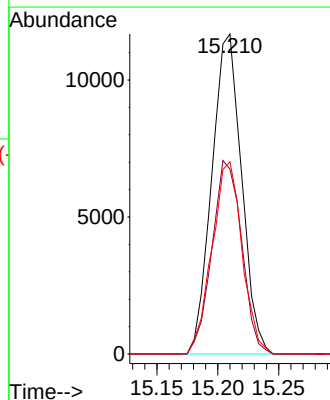
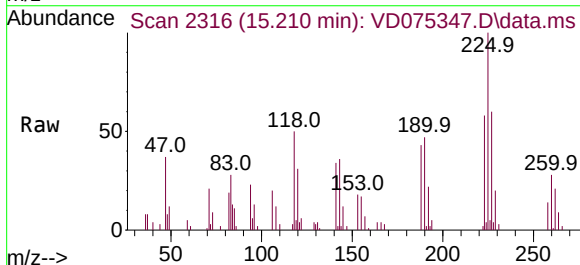
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

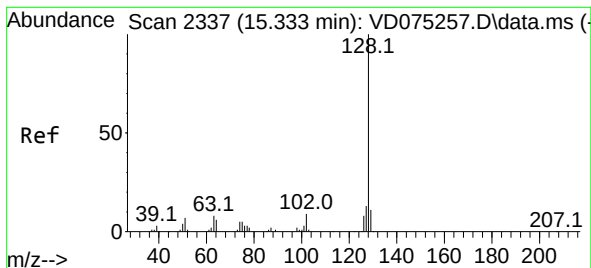
Tgt Ion:180 Resp: 35982
Ion Ratio Lower Upper
180 100
182 91.3 46.2 138.6
145 30.3 15.8 47.4



#94
Hexachlorobutadiene
Concen: 52.279 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075347.D
Acq: 14 Feb 2023 17:10

Tgt Ion:225 Resp: 19832
Ion Ratio Lower Upper
225 100
223 60.4 31.8 95.4
227 60.8 30.7 92.1





#95

Naphthalene

Concen: 50.949 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

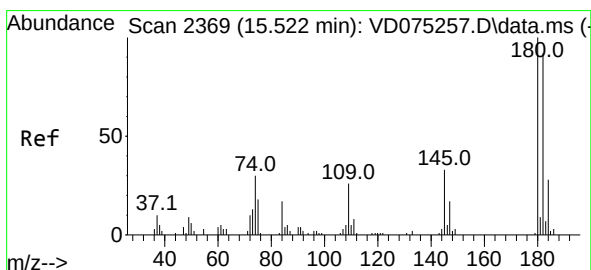
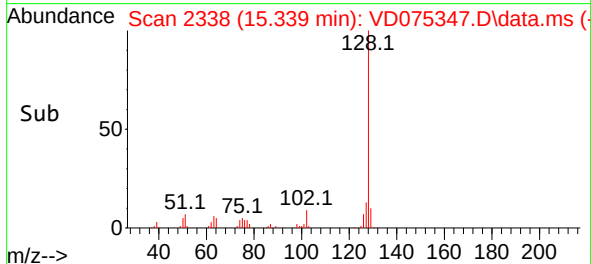
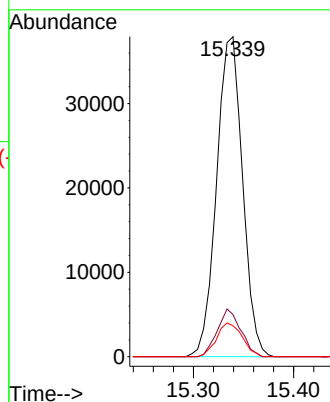
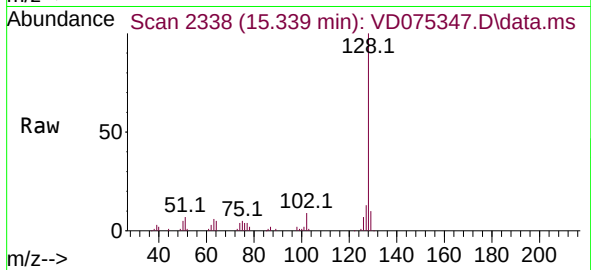
Tgt Ion:128 Resp: 68184

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.226 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075347.D

Acq: 14 Feb 2023 17:10

Tgt Ion:180 Resp: 31159

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 32.9 16.1 48.3

