

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075112.D
 Acq On : 10 Jan 2023 18:30
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 11 01:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	171313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	68342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50587	54.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.860%
35) Dibromofluoromethane	7.805	113	54016	50.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.269	98	203378	47.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.575	95	68644	50.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	20392	46.921	ug/l	96
3) Chloromethane	2.146	50	30907	46.362	ug/l	98
4) Vinyl Chloride	2.281	62	32604	40.948	ug/l	97
5) Bromomethane	2.693	94	21250	41.266	ug/l	97
6) Chloroethane	2.840	64	26030	43.234	ug/l	98
7) Trichlorofluoromethane	3.175	101	61405	50.263	ug/l	97
8) Diethyl Ether	3.593	74	24013	56.634	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	43638	51.486	ug/l	94
10) Methyl Iodide	4.170	142	40795	47.677	ug/l	97
11) Tert butyl alcohol	5.058	59	16876	292.427	ug/l	97
12) 1,1-Dichloroethene	3.940	96	38555	49.052	ug/l	91
13) Acrolein	3.799	56	19372	258.479	ug/l	98
14) Allyl chloride	4.564	41	71251	52.952	ug/l	97
15) Acrylonitrile	5.258	53	63991	292.766	ug/l	99
16) Acetone	4.022	43	54983	249.691	ug/l	95
17) Carbon Disulfide	4.275	76	65453	47.969	ug/l #	93
18) Methyl Acetate	4.569	43	31743	58.146	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	121108	58.829	ug/l	98
20) Methylene Chloride	4.805	84	69019	69.208	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	43791	50.811	ug/l	99
22) Diisopropyl ether	6.222	45	171231	59.454	ug/l	98
23) Vinyl Acetate	6.158	43	252454	239.395	ug/l	99
24) 1,1-Dichloroethane	6.111	63	98049	56.612	ug/l	99
25) 2-Butanone	7.081	43	78511	269.155	ug/l	94
26) 2,2-Dichloropropane	7.075	77	83375	53.676	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	60265	55.385	ug/l	97
28) Bromochloromethane	7.428	49	33486	55.743	ug/l	100
29) Tetrahydrofuran	7.446	42	46264	281.923	ug/l	99
30) Chloroform	7.599	83	99263	56.559	ug/l	100
31) Cyclohexane	7.875	56	65107	56.311	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	82221	54.599	ug/l	97
36) 1,1-Dichloropropene	8.010	75	63579	47.687	ug/l	97
37) Ethyl Acetate	7.169	43	35090	54.150	ug/l	99
38) Carbon Tetrachloride	7.993	117	57652	49.357	ug/l	97
39) Methylcyclohexane	9.275	83	69445	45.033	ug/l	95
40) Benzene	8.252	78	195951	49.260	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20730	45.412	ug/l	93
42) 1,2-Dichloroethane	8.328	62	56893	51.035	ug/l	99
43) Isopropyl Acetate	8.363	43	68743	53.580	ug/l	99
44) Trichloroethene	9.028	130	54689	47.835	ug/l	98
45) 1,2-Dichloropropane	9.305	63	56145	51.798	ug/l	99
46) Dibromomethane	9.393	93	28440	51.915	ug/l	96
47) Bromodichloromethane	9.587	83	76812	53.694	ug/l	98
48) Methyl methacrylate	9.381	41	30130	52.121	ug/l	98
49) 1,4-Dioxane	9.387	88	5601	938.829	ug/l #	80
51) 4-Methyl-2-Pentanone	10.163	43	174198	268.878	ug/l	100
52) Toluene	10.334	92	126863	49.193	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	68954	52.739	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	83448	52.110	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	42008	52.652	ug/l	94
56) Ethyl methacrylate	10.599	69	52683	54.665	ug/l	99
57) 1,3-Dichloropropane	10.881	76	69930	52.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	101210	278.169	ug/l	97
59) 2-Hexanone	10.922	43	116331	256.698	ug/l	98
60) Dibromochloromethane	11.075	129	49537	52.436	ug/l	100
61) 1,2-Dibromoethane	11.181	107	37171	51.313	ug/l	100
64) Tetrachloroethene	10.810	164	42131	43.958	ug/l	95
65) Chlorobenzene	11.610	112	140329	49.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	50443	50.744	ug/l	97
67) Ethyl Benzene	11.687	91	249334	49.774	ug/l	98
68) m/p-Xylenes	11.799	106	189287	98.031	ug/l	99
69) o-Xylene	12.122	106	93130	49.765	ug/l	100
70) Styrene	12.140	104	159399	50.964	ug/l	100
71) Bromoform	12.304	173	26760	50.085	ug/l #	97
73) Isopropylbenzene	12.422	105	250935	49.108	ug/l	99
74) N-amyl acetate	12.234	43	60231	51.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	47023	53.695	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	55377	84.921	ug/l #	1
77) Bromobenzene	12.704	156	56308	50.336	ug/l	98
78) n-propylbenzene	12.763	91	300683	49.063	ug/l	100
79) 2-Chlorotoluene	12.851	91	167859	49.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	202441	48.835	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	12016	48.936	ug/l	100
82) 4-Chlorotoluene	12.951	91	171425	49.689	ug/l	99
83) tert-Butylbenzene	13.169	119	181204	49.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	197014	49.176	ug/l	99
85) sec-Butylbenzene	13.345	105	270317	48.762	ug/l	100
86) p-Isopropyltoluene	13.463	119	216316	48.307	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	109261	49.056	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	108229	48.054	ug/l	98
89) n-Butylbenzene	13.793	91	214173	48.632	ug/l	99
90) Hexachloroethane	14.057	117	38606	49.461	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	97521	48.919	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7416	52.658	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	60637	47.041	ug/l	97
94) Hexachlorobutadiene	15.210	225	28373	44.154	ug/l	98
95) Naphthalene	15.334	128	307373	121.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	54078	48.567	ug/l	98

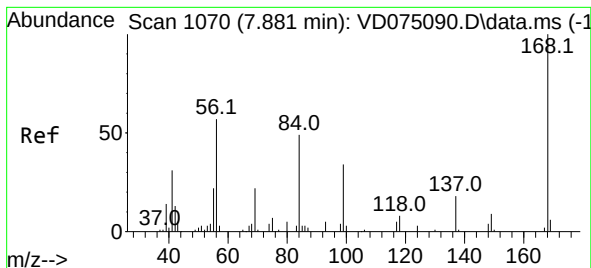
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

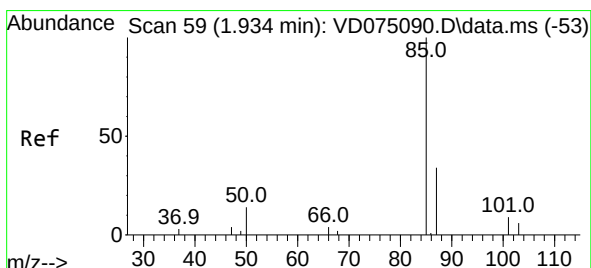
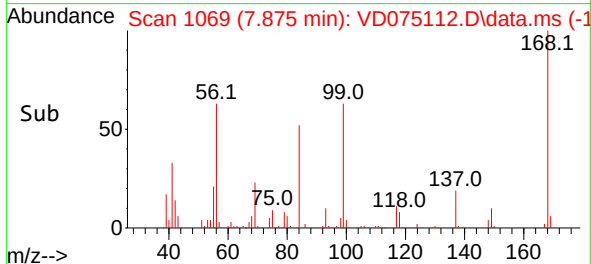
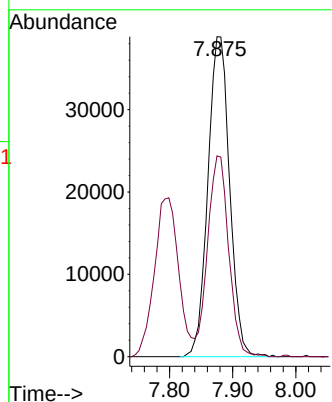
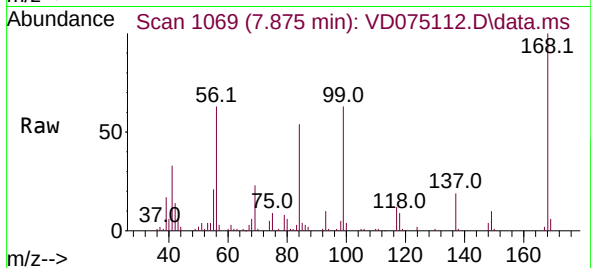
VSTDCCC050EC

Tgt Ion:168 Resp: 92699

Ion Ratio Lower Upper

168 100

99 62.7 43.2 64.8



#2

Dichlorodifluoromethane

Concen: 46.921 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075112.D

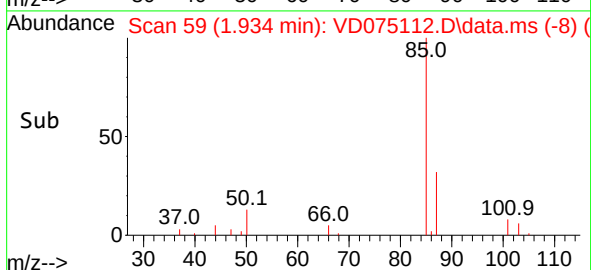
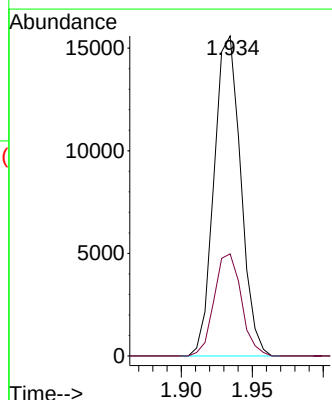
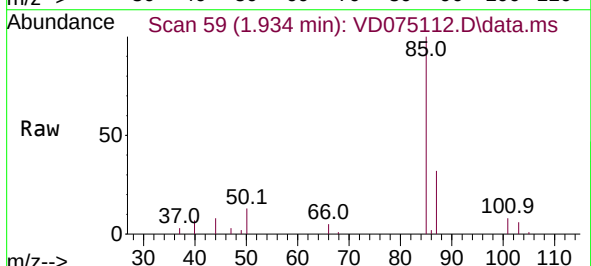
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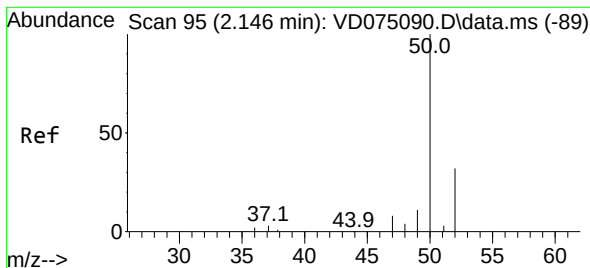
Tgt Ion: 85 Resp: 20392

Ion Ratio Lower Upper

85 100

87 31.9 17.2 51.6





#3

Chloromethane

Concen: 46.362 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

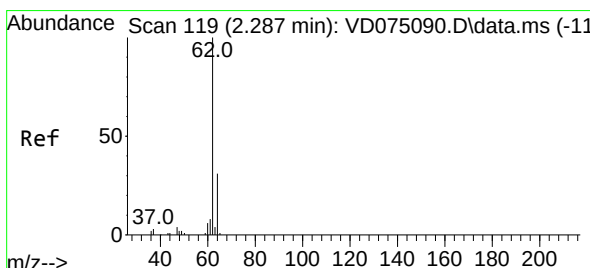
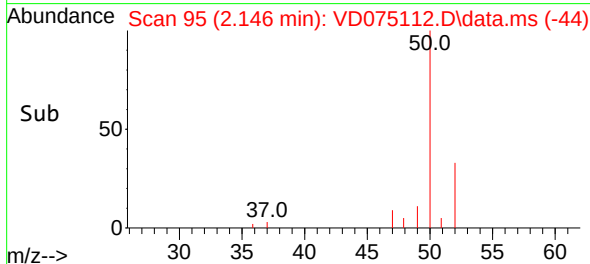
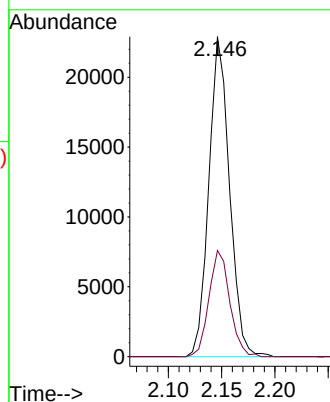
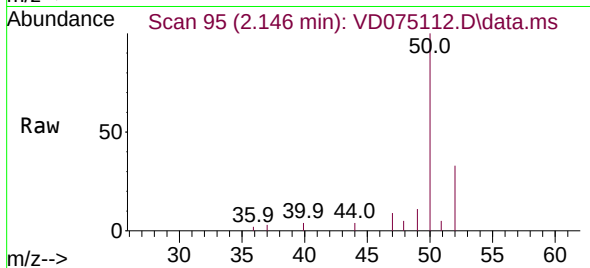
VSTDCCC050EC

Tgt Ion: 50 Resp: 30907

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 40.948 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD075112.D

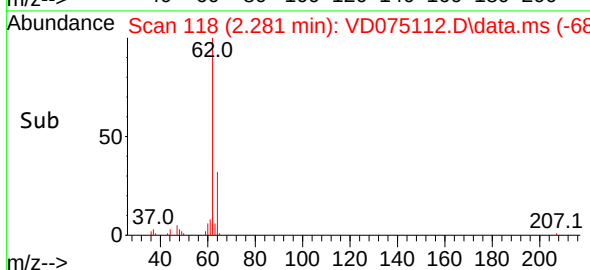
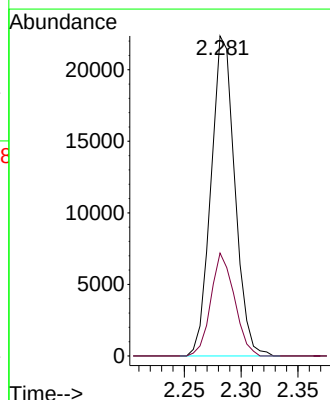
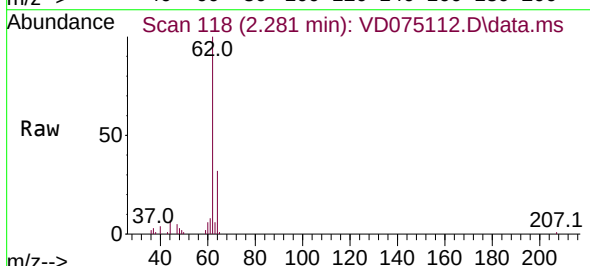
Acq: 10 Jan 2023 18:30

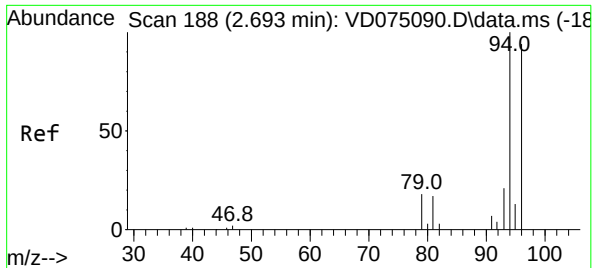
Tgt Ion: 62 Resp: 32604

Ion Ratio Lower Upper

62 100

64 32.2 24.5 36.7

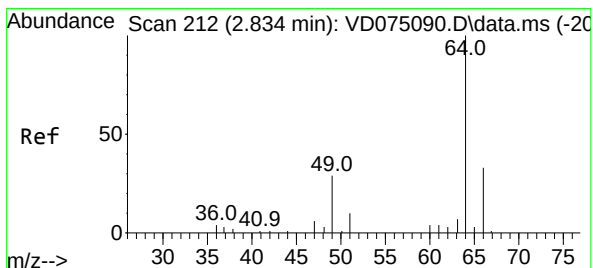
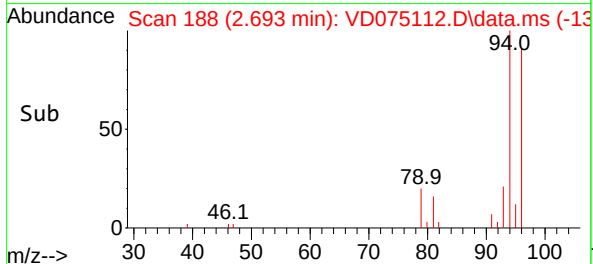
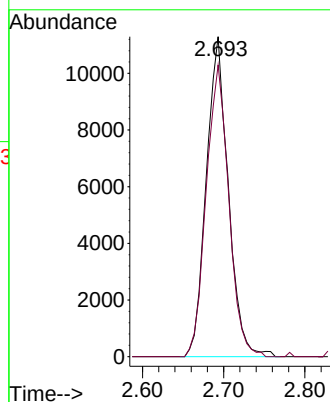
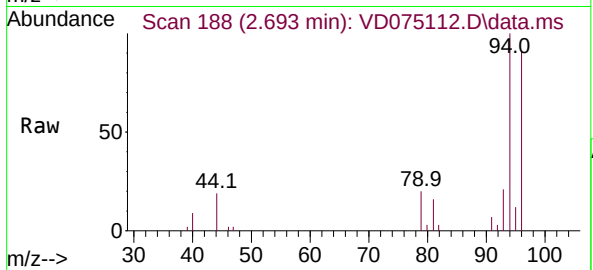




#5
Bromomethane
Concen: 41.266 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

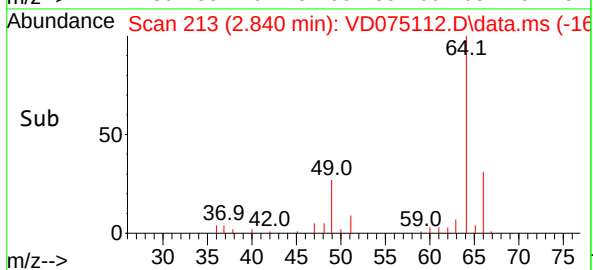
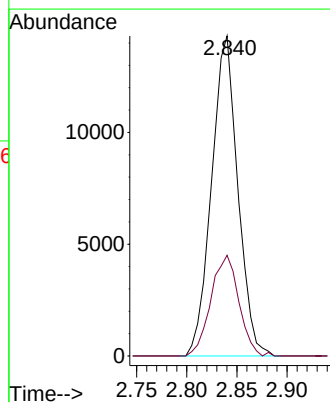
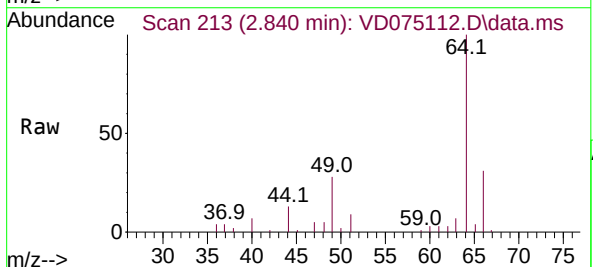
Instrument :
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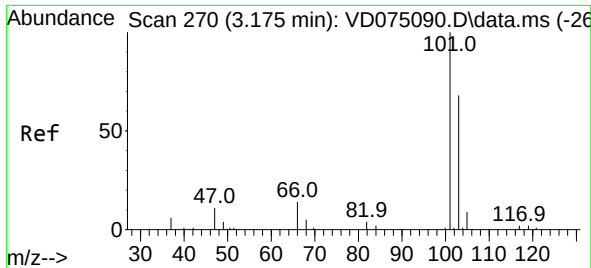
Tgt Ion: 94 Resp: 21250
Ion Ratio Lower Upper
94 100
96 93.7 72.5 108.7



#6
Chloroethane
Concen: 43.234 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 64 Resp: 26030
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.2

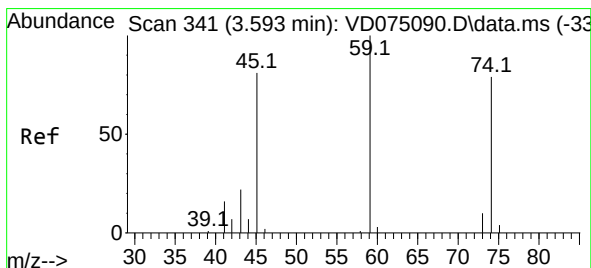
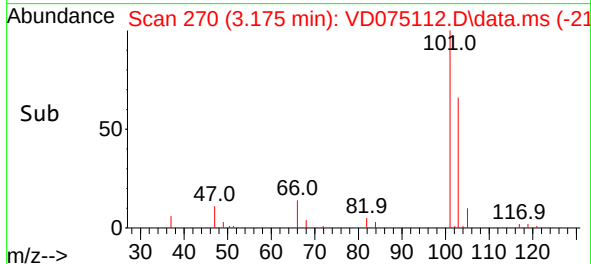
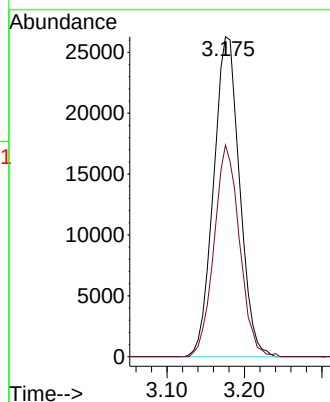
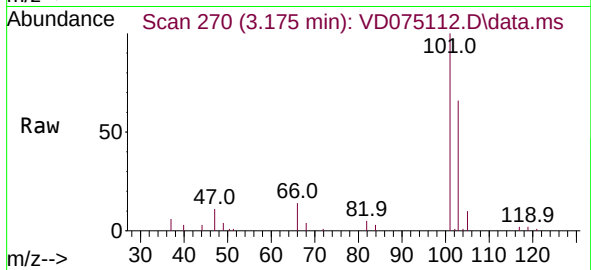




#7
Trichlorofluoromethane
Concen: 50.263 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075112.D
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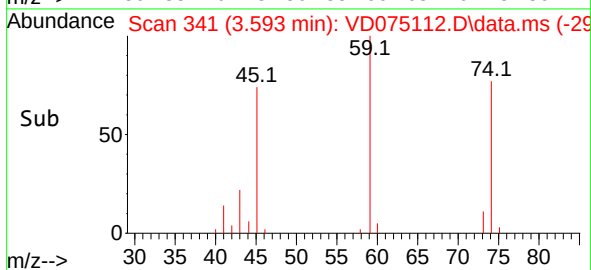
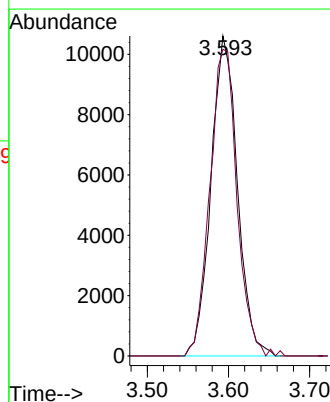
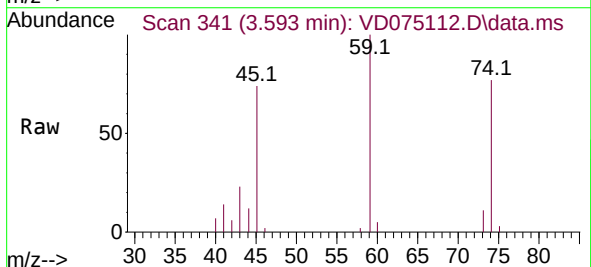
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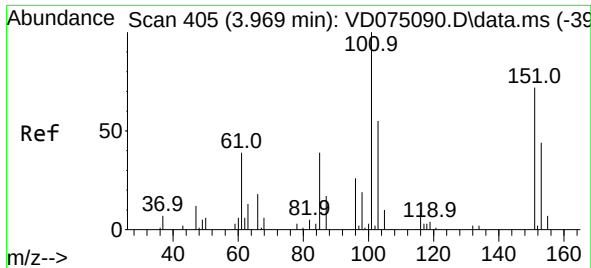
Tgt Ion:101 Resp: 61405
Ion Ratio Lower Upper
101 100
103 66.1 54.6 82.0



#8
Diethyl Ether
Concen: 56.634 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 74 Resp: 24013
Ion Ratio Lower Upper
74 100
45 98.7 48.1 144.4

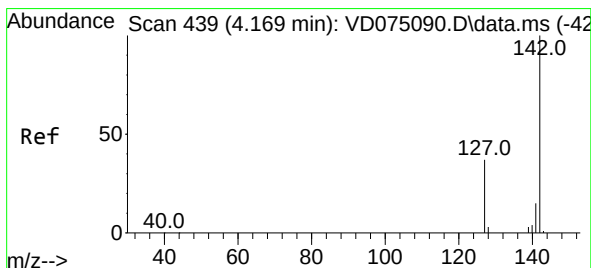
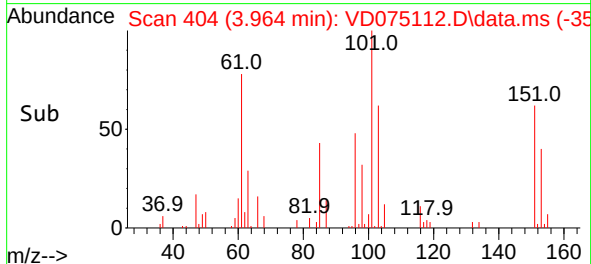
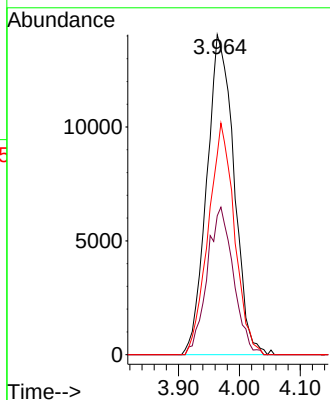
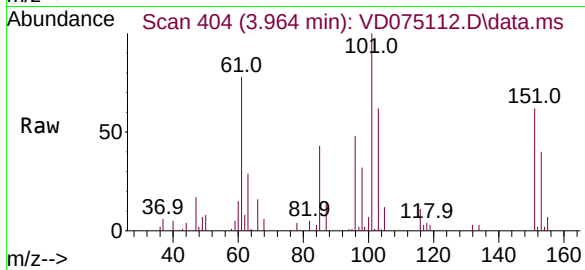




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.486 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075112.D
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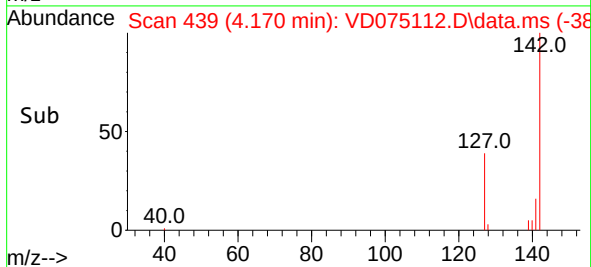
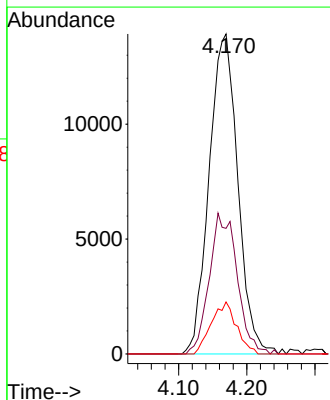
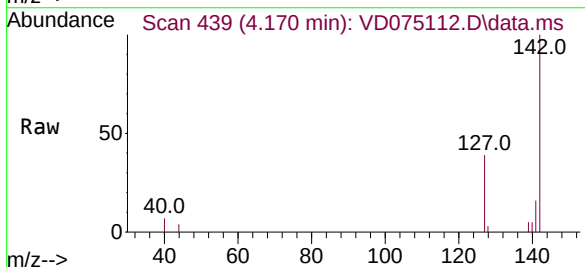
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VSTDCCC050EC

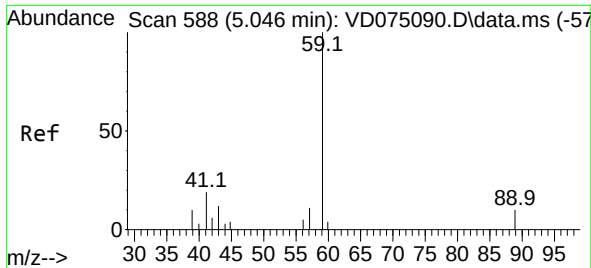
Tgt Ion:101 Resp: 43638
Ion Ratio Lower Upper
101 100
85 44.5 34.8 52.2
151 69.4 61.8 92.6



#10
Methyl Iodide
Concen: 47.677 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:142 Resp: 40795
Ion Ratio Lower Upper
142 100
127 42.7 32.2 48.2
141 14.3 11.4 17.2

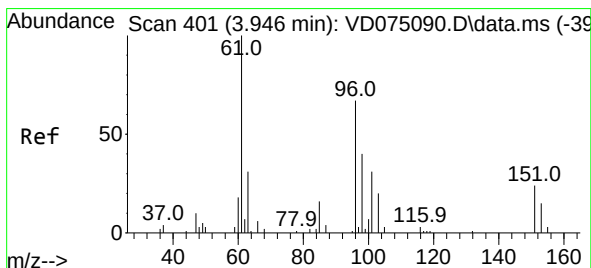
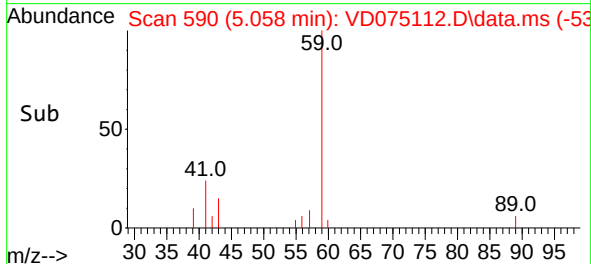
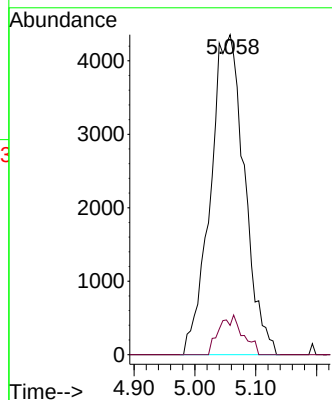
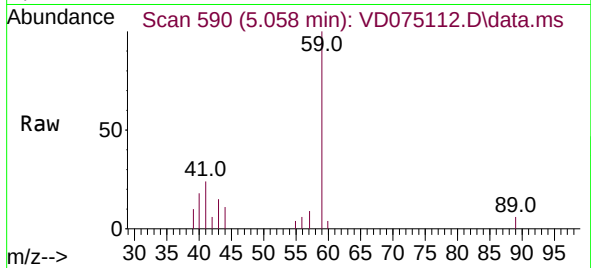




#11
Tert butyl alcohol
Concen: 292.427 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

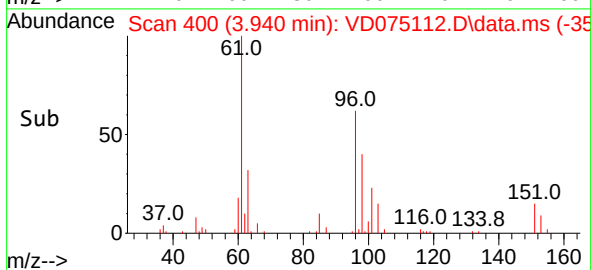
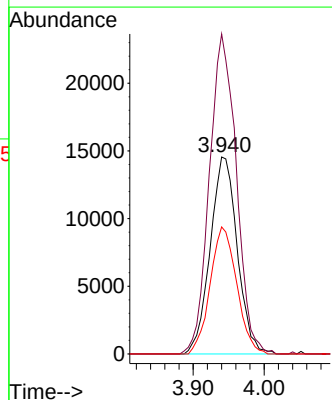
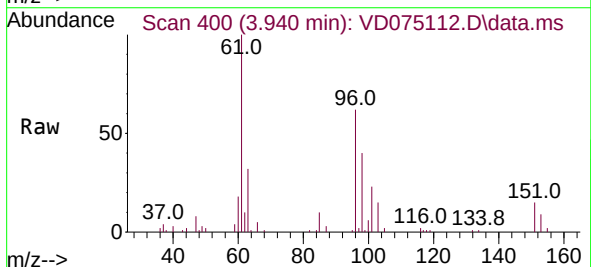
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

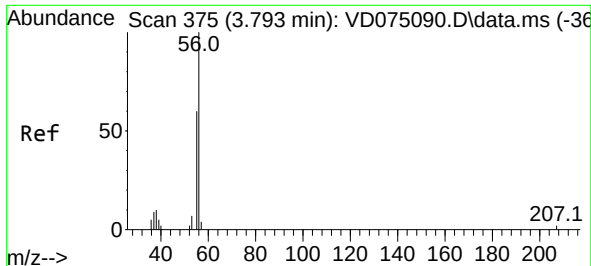
Tgt Ion: 59 Resp: 16876
Ion Ratio Lower Upper
59 100
57 8.7 6.1 9.1



#12
1,1-Dichloroethene
Concen: 49.052 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 96 Resp: 38555
Ion Ratio Lower Upper
96 100
61 162.5 119.8 179.6
98 64.5 47.7 71.5

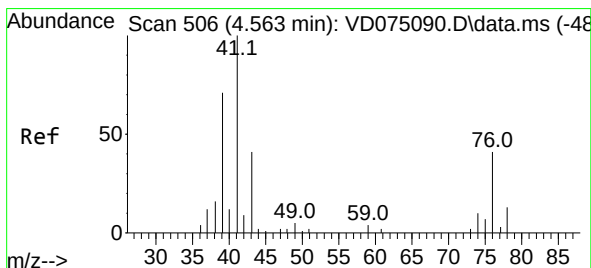
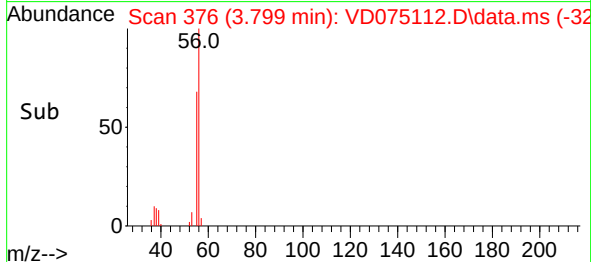
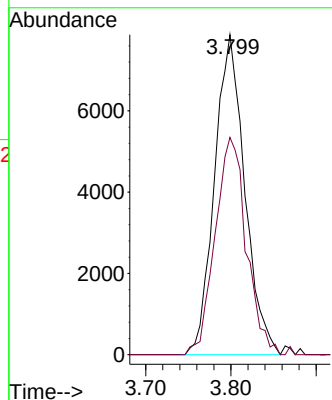
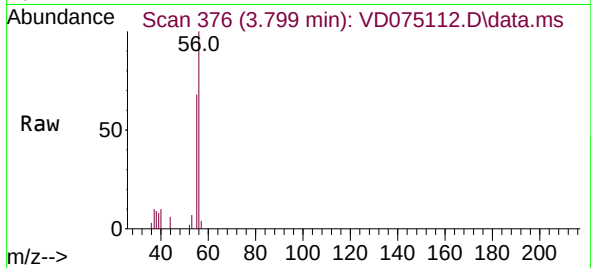




#13
Acrolein
Concen: 258.479 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

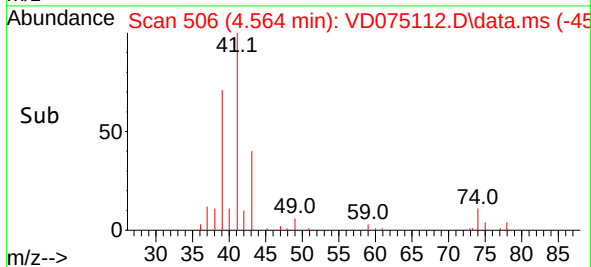
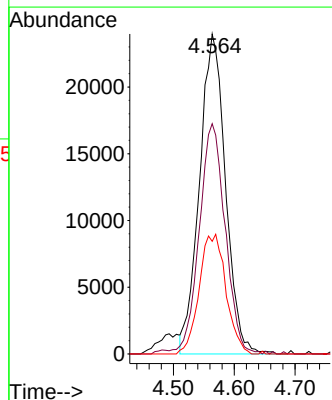
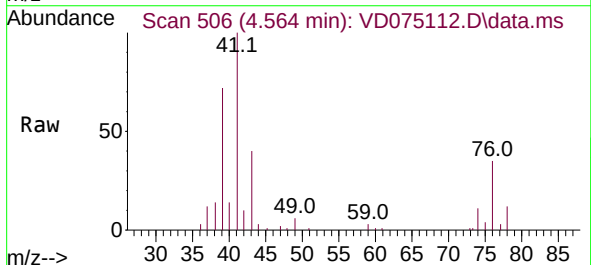
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

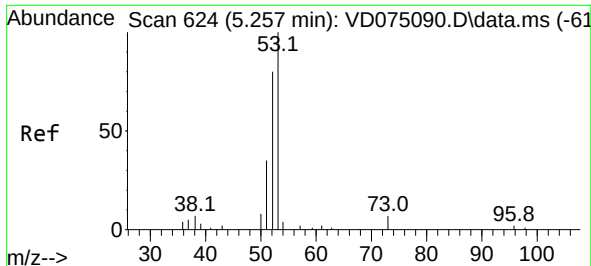
Tgt Ion: 56 Resp: 19372
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.6



#14
Allyl chloride
Concen: 52.952 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 41 Resp: 71251
Ion Ratio Lower Upper
41 100
39 72.3 55.6 83.4
76 38.4 30.2 45.2

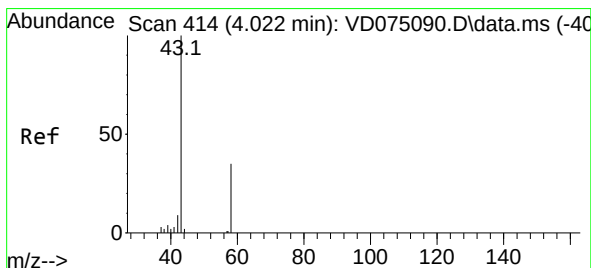
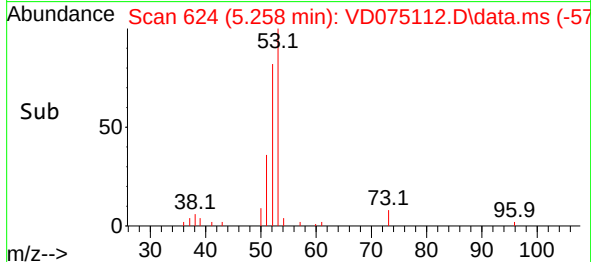
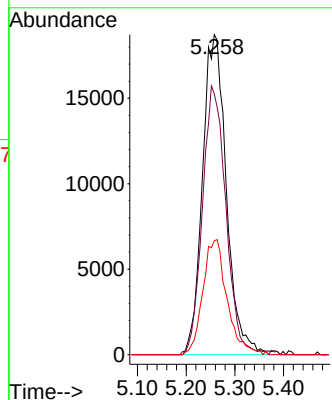
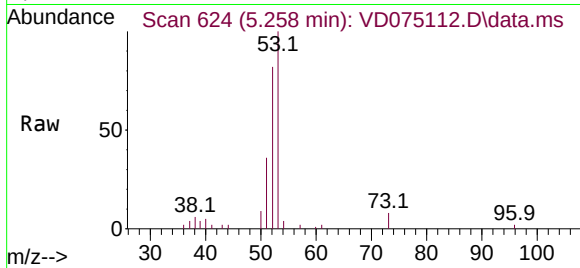




#15
Acrylonitrile
Concen: 292.766 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

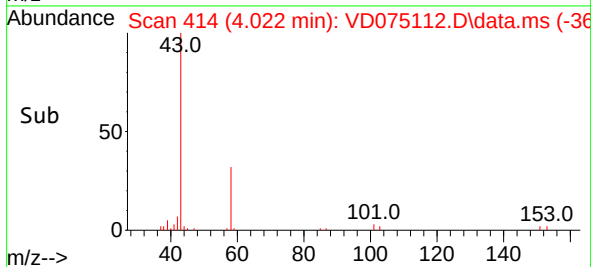
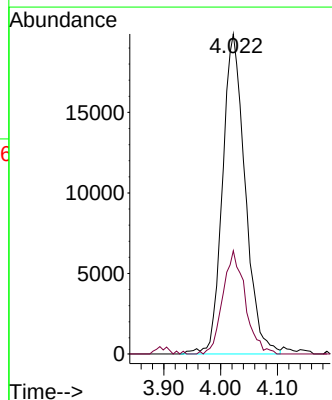
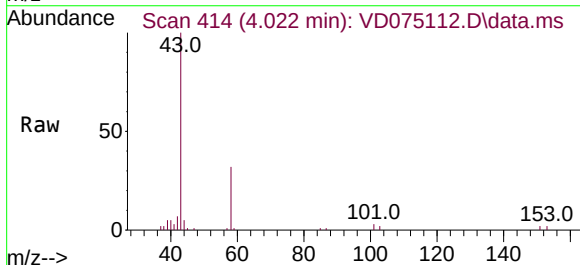
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

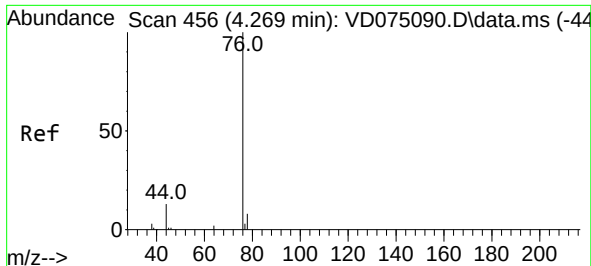
Tgt Ion: 53	Resp: 63991
Ion Ratio	Lower Upper
53 100	
52 82.0	65.1 97.7
51 36.2	28.2 42.2



#16
Acetone
Concen: 249.691 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 43	Resp: 54983
Ion Ratio	Lower Upper
43 100	
58 32.3	28.3 42.5

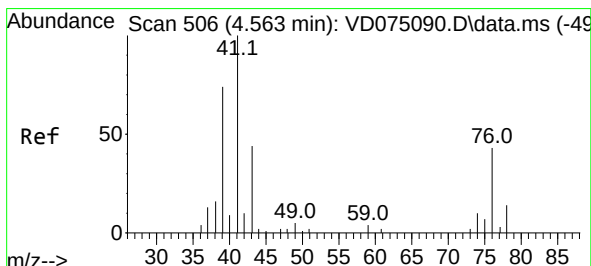
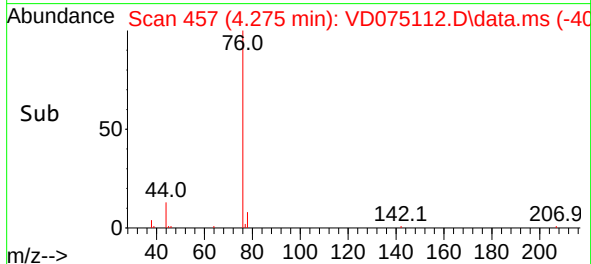
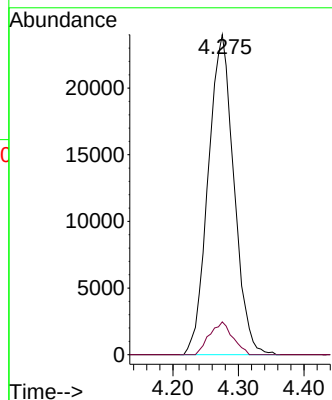
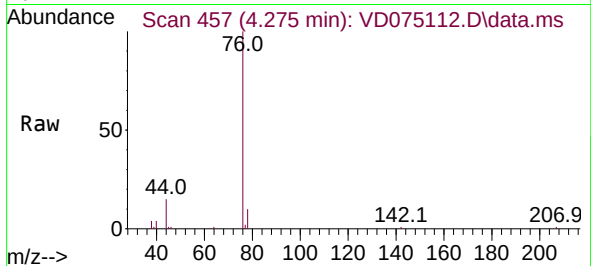




#17
Carbon Disulfide
Concen: 47.969 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

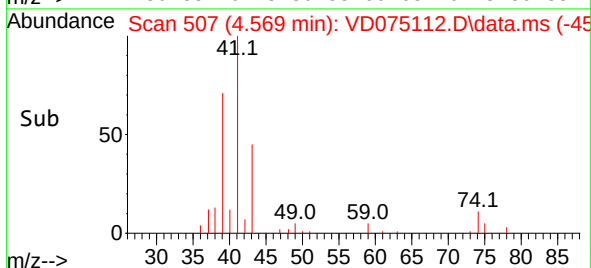
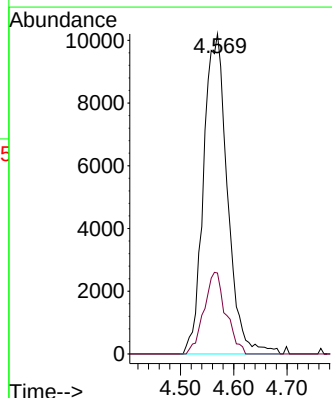
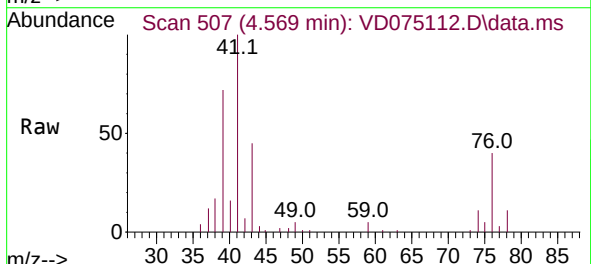
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

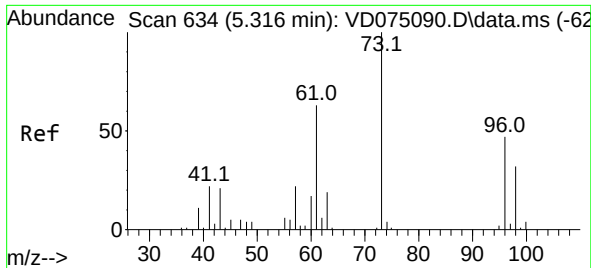
Tgt Ion: 76 Resp: 65453
Ion Ratio Lower Upper
76 100
78 10.2 6.3 9.5#



#18
Methyl Acetate
Concen: 58.146 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 43 Resp: 31743
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8

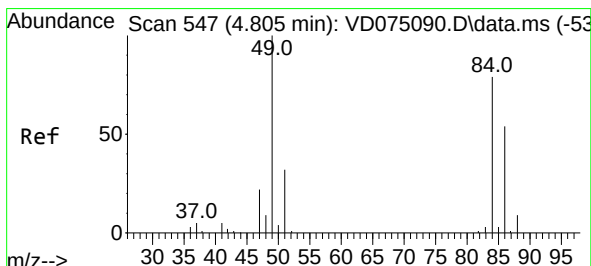
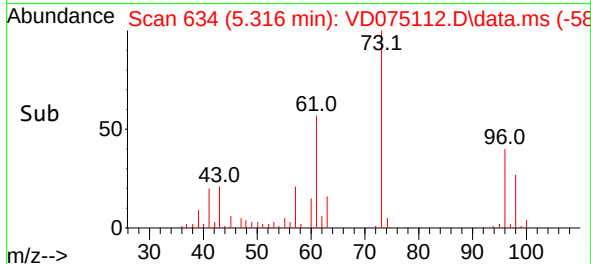
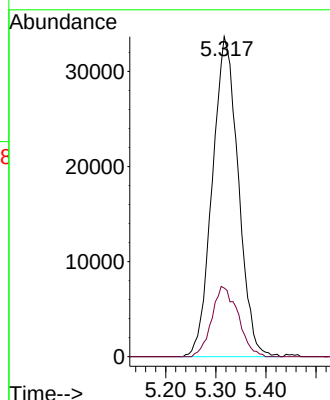
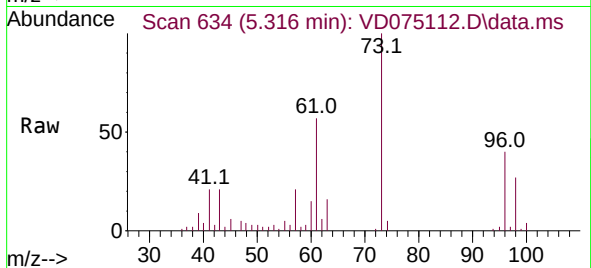




#19
Methyl tert-butyl Ether
Concen: 58.829 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

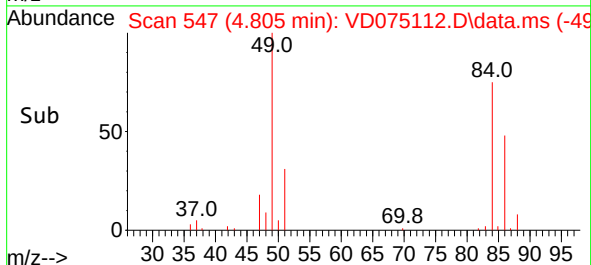
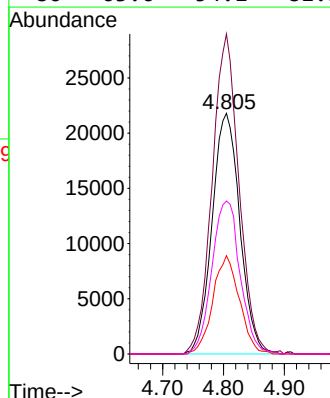
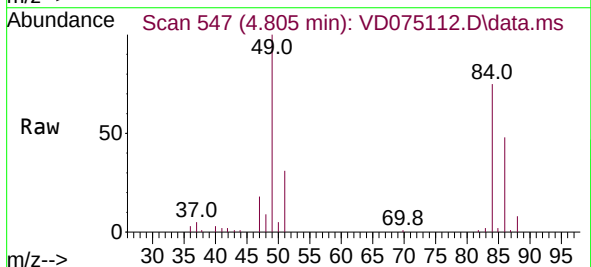
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

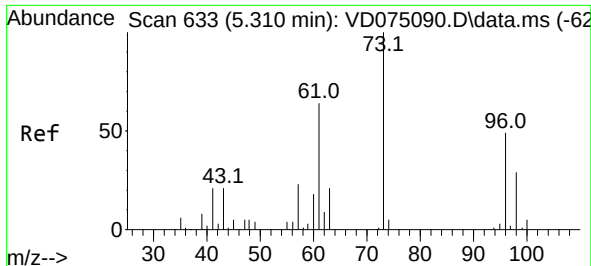
Tgt Ion: 73 Resp: 121108
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 69.208 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 84 Resp: 69019
Ion Ratio Lower Upper
84 100
49 133.0 100.6 151.0
51 40.9 31.8 47.8
86 63.6 54.1 81.1

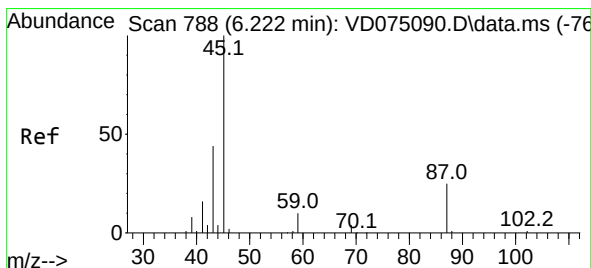
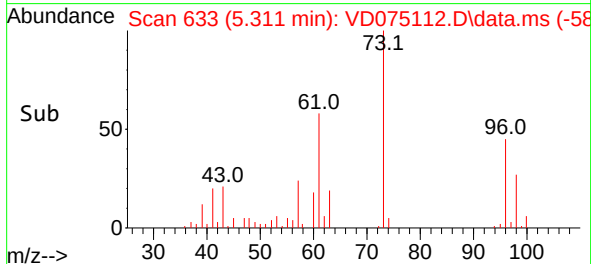
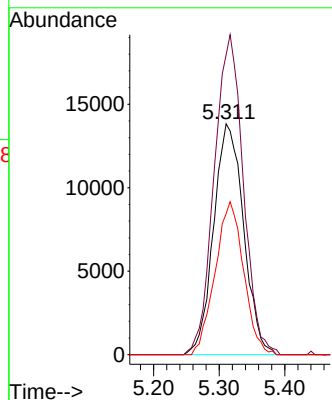
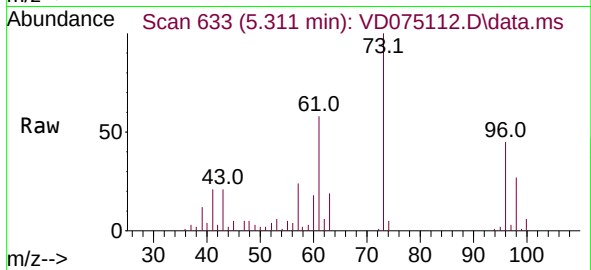




#21
trans-1,2-Dichloroethene
Concen: 50.811 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

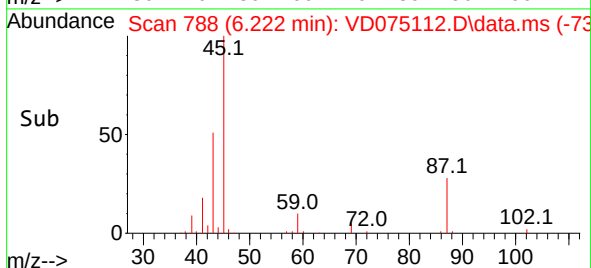
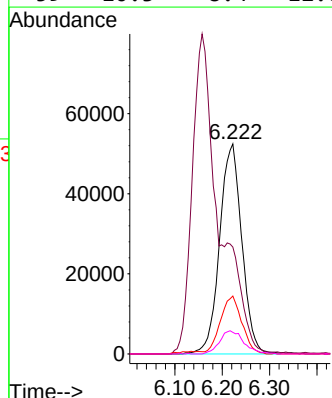
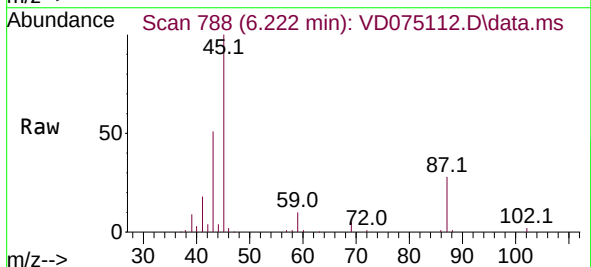
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

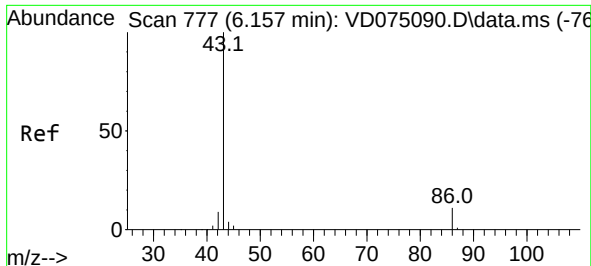
Tgt Ion: 96 Resp: 43791
Ion Ratio Lower Upper
96 100
61 129.9 104.8 157.2
98 61.1 47.7 71.5



#22
Diisopropyl ether
Concen: 59.454 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 45 Resp: 171231
Ion Ratio Lower Upper
45 100
43 50.2 39.5 59.3
87 27.6 20.8 31.2
59 10.3 8.4 12.6

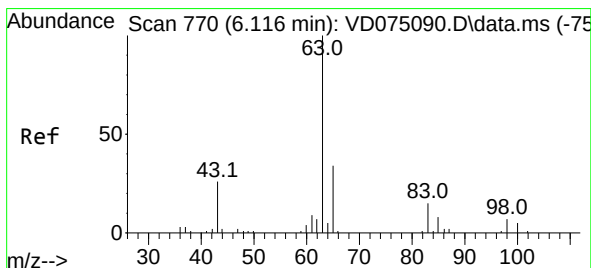
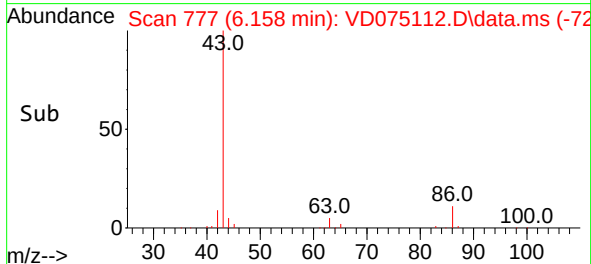
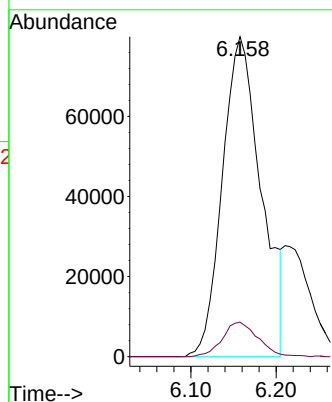
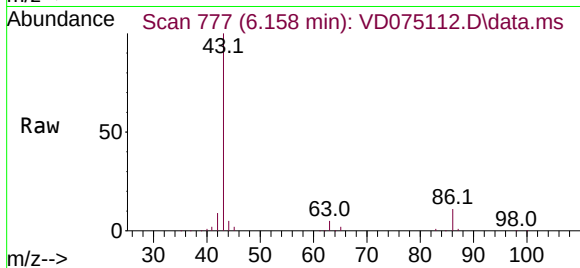




#23
 Vinyl Acetate
 Concen: 239.395 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075112.D
 Acq: 10 Jan 2023 18:30

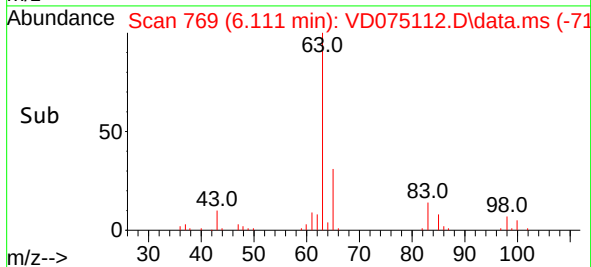
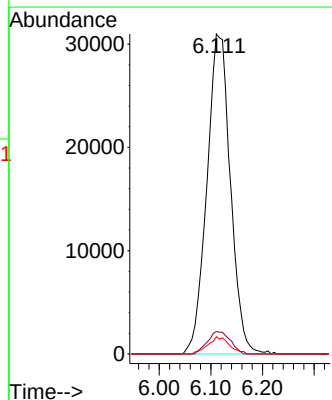
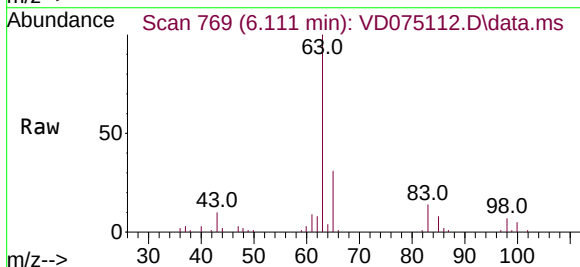
Instrument :
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 ClientSampleId :
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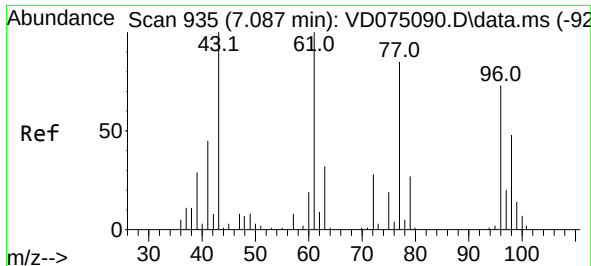
Tgt Ion: 43 Resp: 252454
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 56.612 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075112.D
 Acq: 10 Jan 2023 18:30

Tgt Ion: 63 Resp: 98049
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 5.4 2.5 7.4

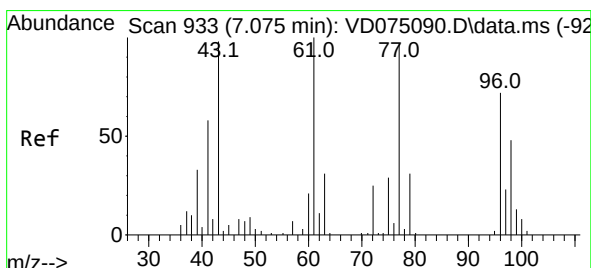
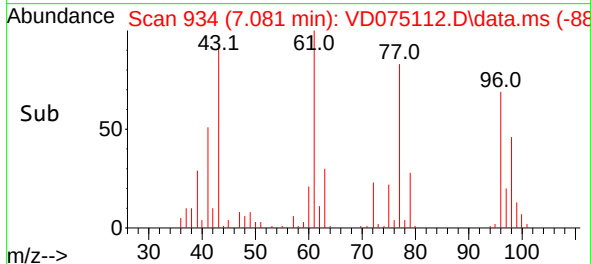
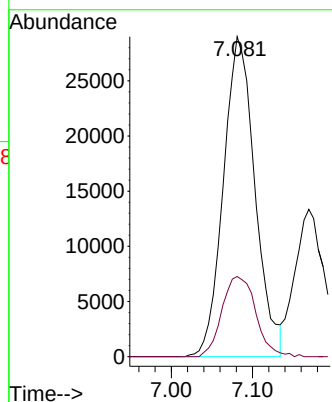
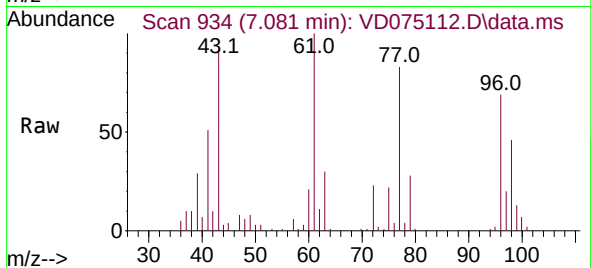




#25
2-Butanone
Concen: 269.155 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

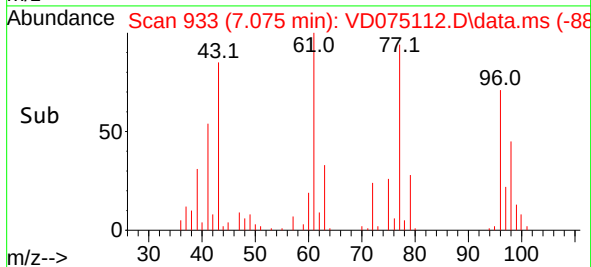
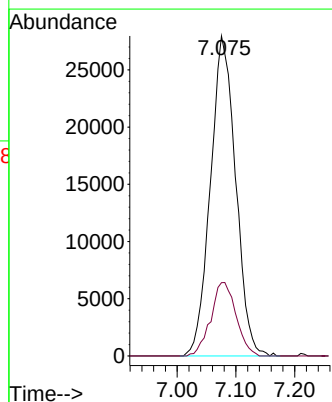
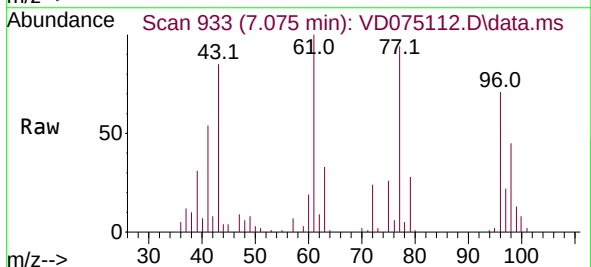
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

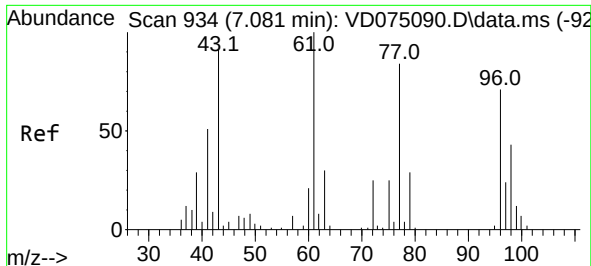
Tgt Ion: 43 Resp: 78511
Ion Ratio Lower Upper
43 100
72 25.1 22.6 33.8



#26
2,2-Dichloropropane
Concen: 53.676 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 77 Resp: 83375
Ion Ratio Lower Upper
77 100
97 23.0 12.3 36.8



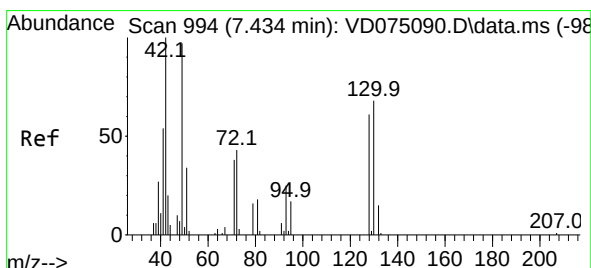
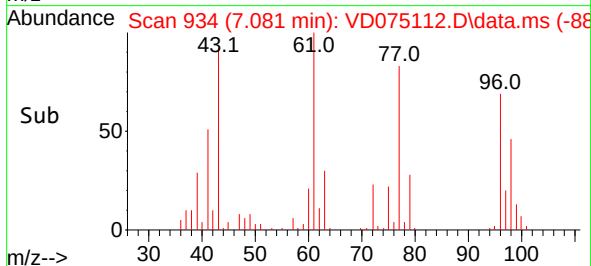
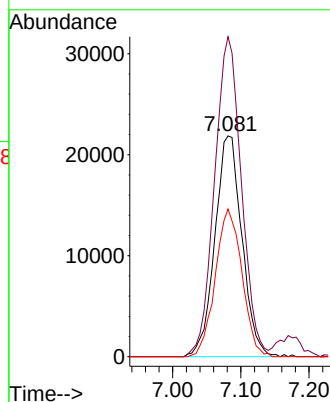
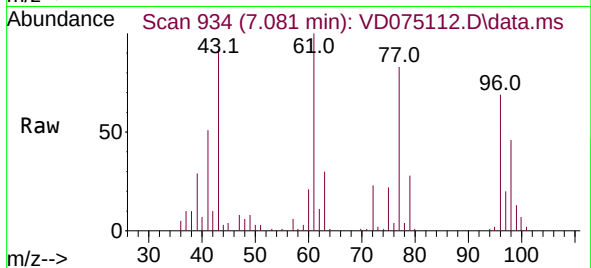


#27
 cis-1,2-Dichloroethene
 Concen: 55.385 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075112.D
 Acq: 10 Jan 2023 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 60265

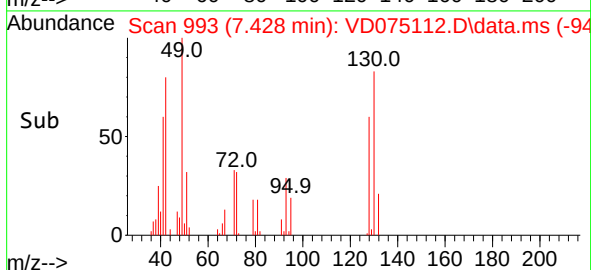
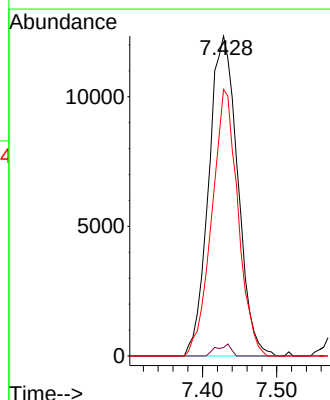
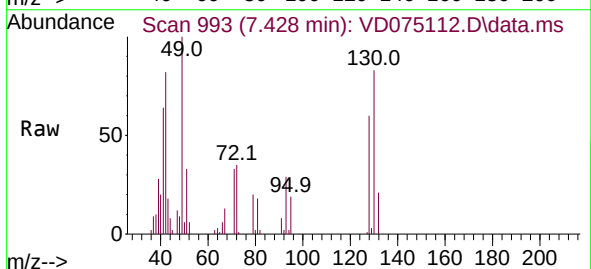
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	282.4
98	65.8	0.0	126.2

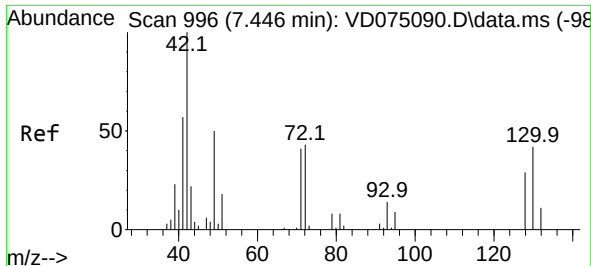


#28
 Bromochloromethane
 Concen: 55.743 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VD075112.D
 Acq: 10 Jan 2023 18:30

Tgt Ion: 49 Resp: 33486

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	75.3	60.3	90.5





#29

Tetrahydrofuran

Concen: 281.923 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

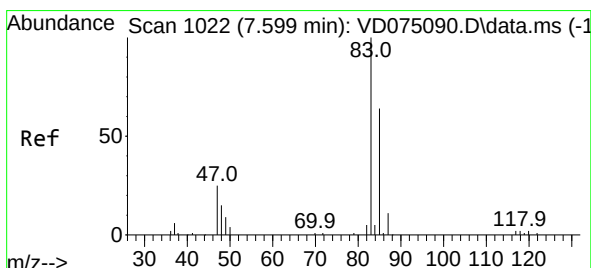
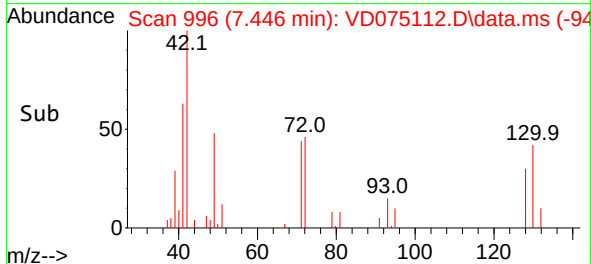
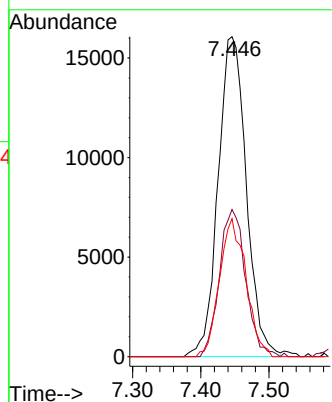
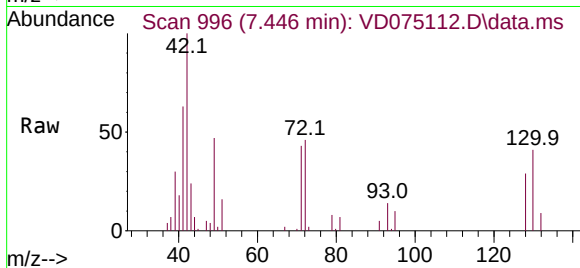
Tgt Ion: 42 Resp: 46264

Ion Ratio Lower Upper

42 100

72 43.0 34.3 51.5

71 40.6 31.2 46.8



#30

Chloroform

Concen: 56.559 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075112.D

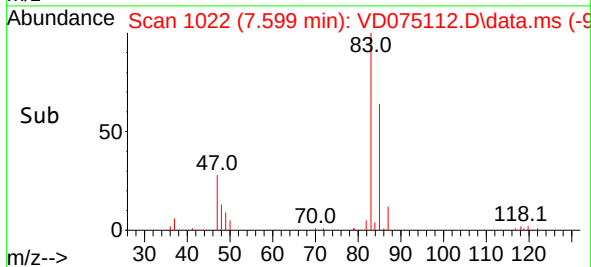
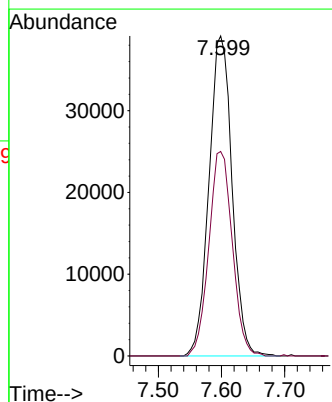
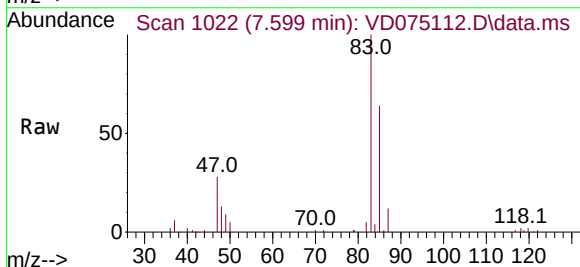
Acq: 10 Jan 2023 18:30

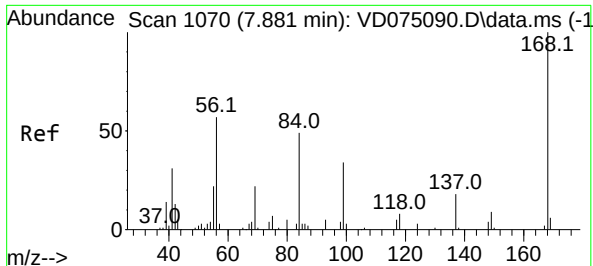
Tgt Ion: 83 Resp: 99263

Ion Ratio Lower Upper

83 100

85 63.9 51.3 76.9

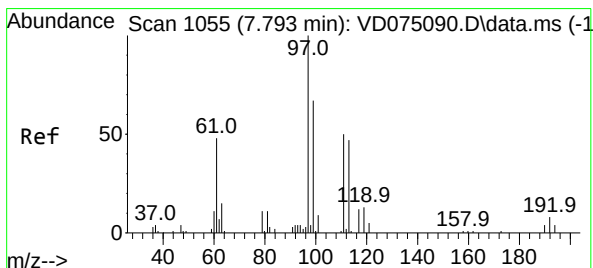
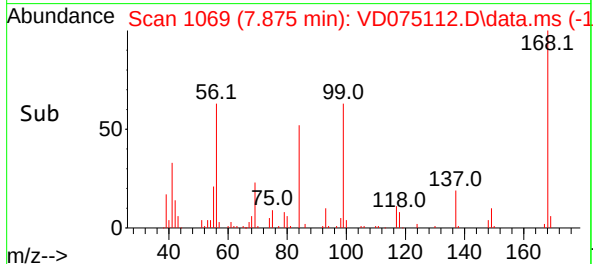
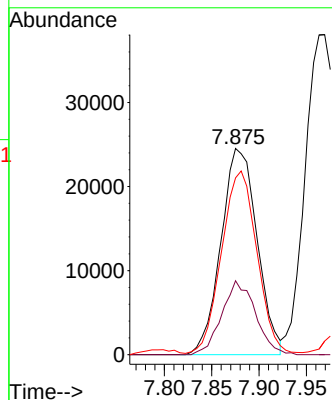
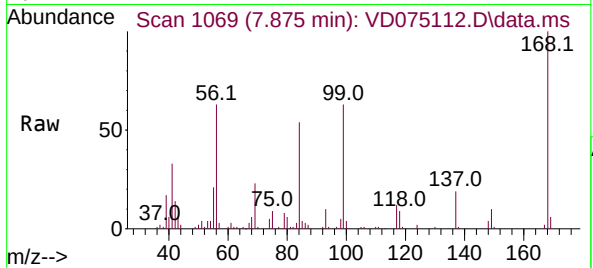




#31
Cyclohexane
Concen: 56.311 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

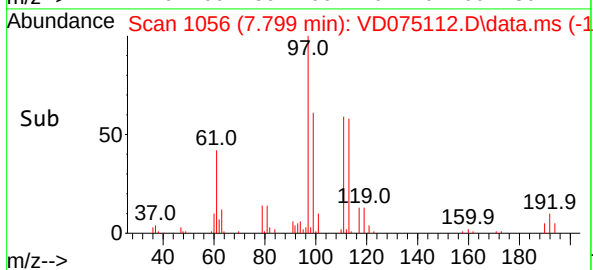
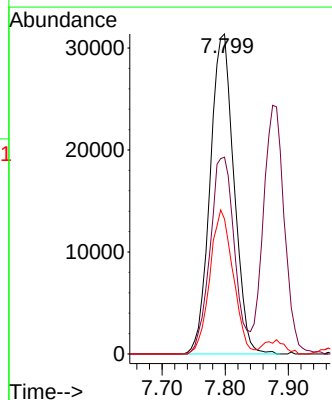
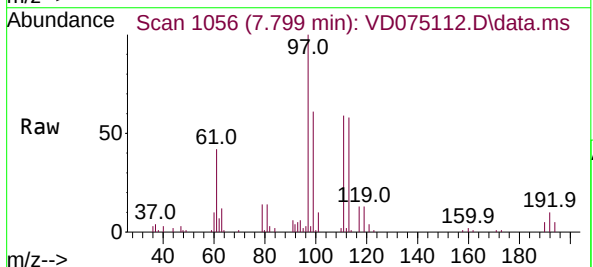
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

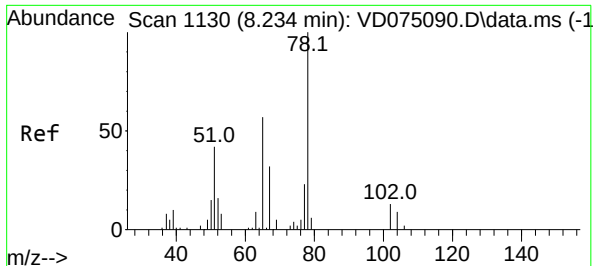
Tgt Ion: 56 Resp: 65107
Ion Ratio Lower Upper
56 100
69 35.9 30.4 45.6
84 84.8 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 54.599 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 97 Resp: 82221
Ion Ratio Lower Upper
97 100
99 63.2 52.3 78.5
61 43.9 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 54.432 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

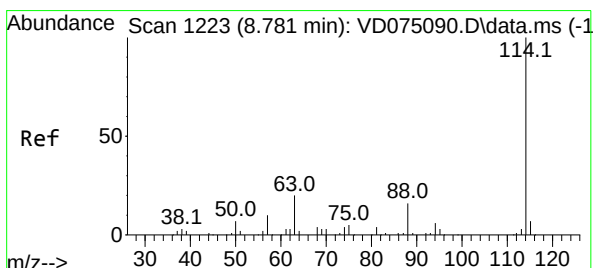
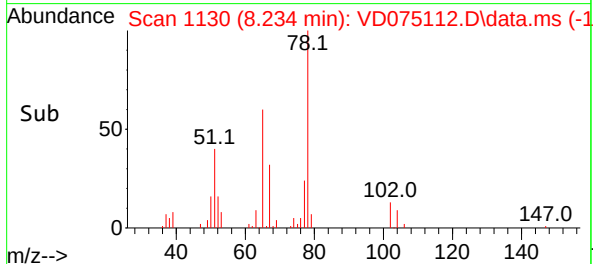
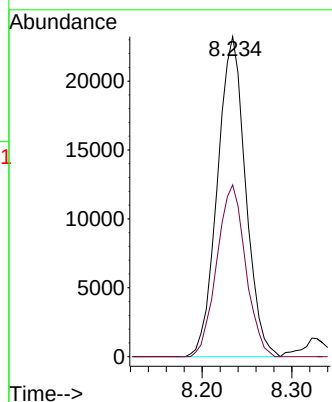
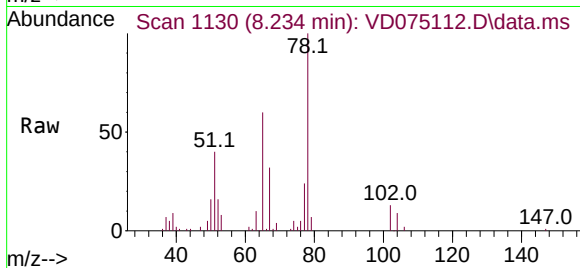
VSTDCCC050EC

Tgt Ion: 65 Resp: 50587

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

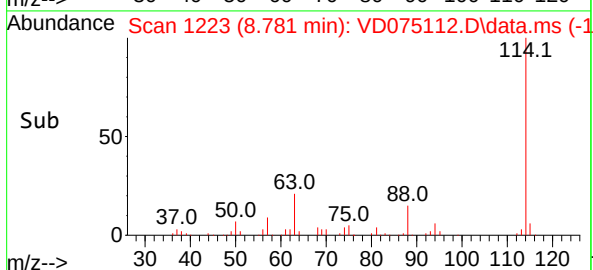
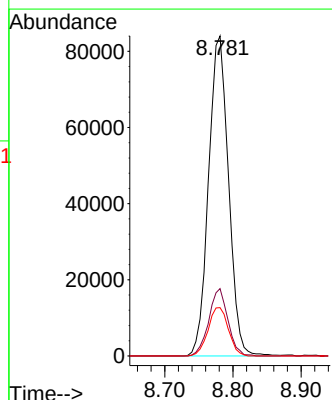
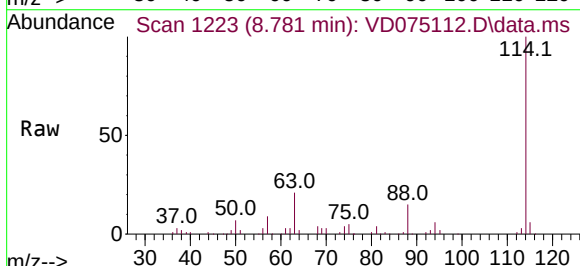
Tgt Ion: 114 Resp: 171313

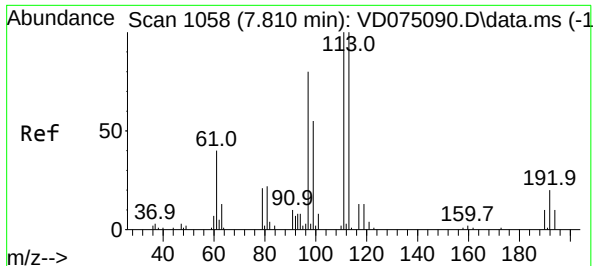
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.1 0.0 31.2

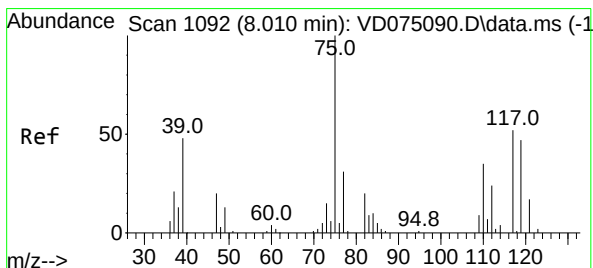
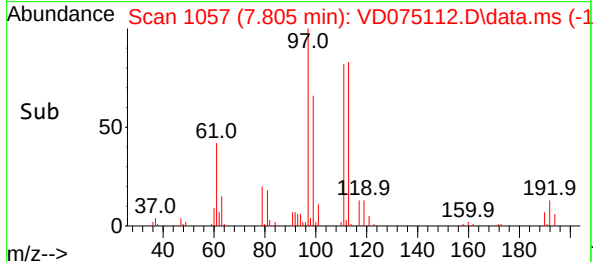
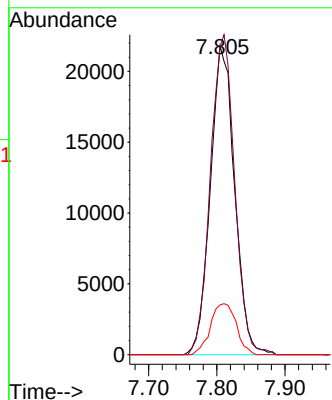
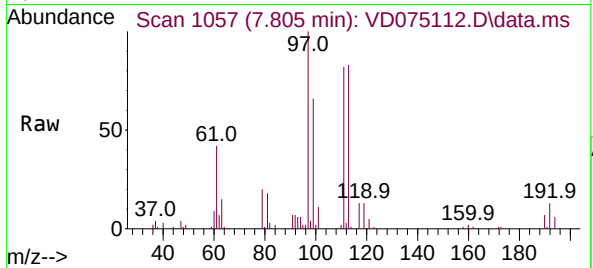




#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 7.805 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

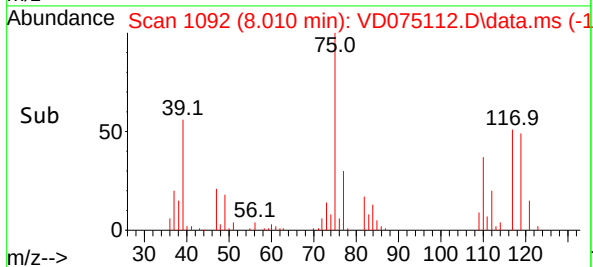
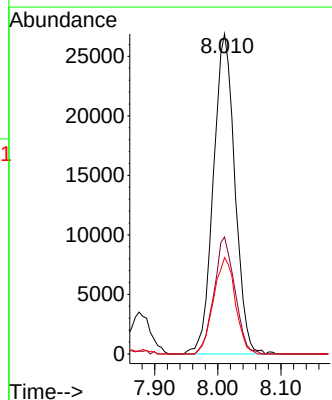
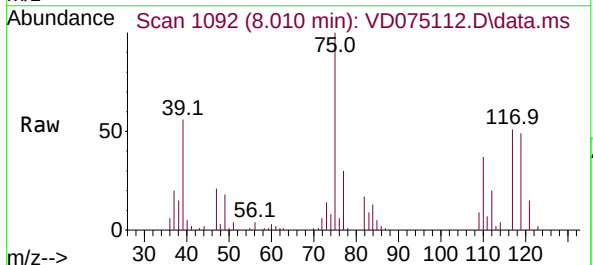
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

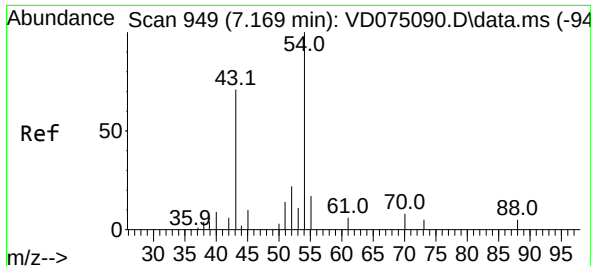
Tgt Ion:113 Resp: 54016
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 17.6 15.0 22.6



#36
1,1-Dichloropropene
Concen: 47.687 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 75 Resp: 63579
Ion Ratio Lower Upper
75 100
110 35.4 18.8 56.3
77 30.4 25.3 37.9





#37

Ethyl Acetate

Concen: 54.150 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

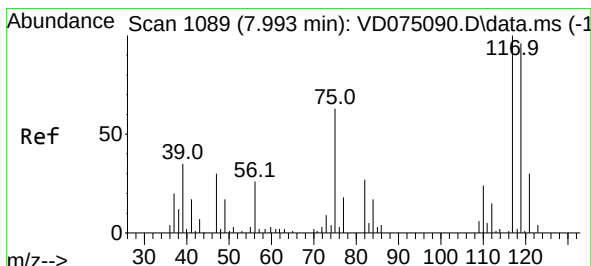
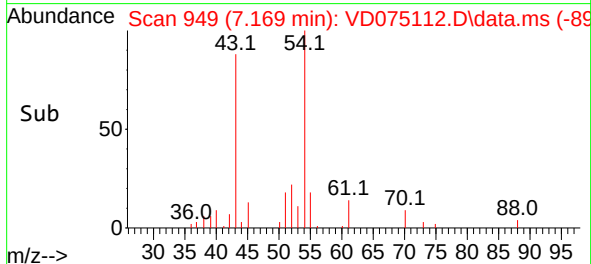
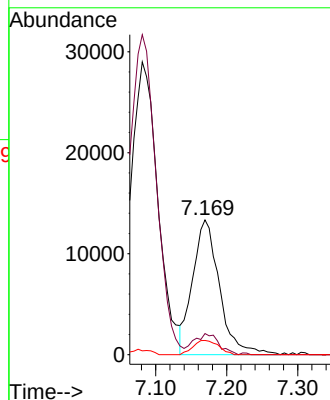
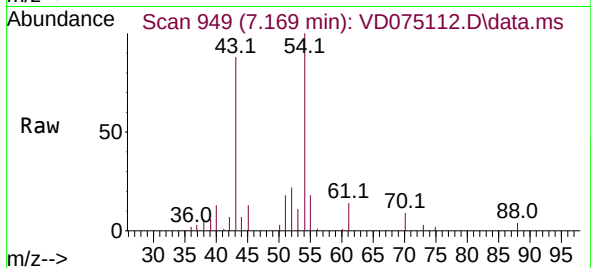
Tgt Ion: 43 Resp: 35090

Ion Ratio Lower Upper

43 100

61 14.5 11.4 17.2

70 10.0 8.4 12.6



#38

Carbon Tetrachloride

Concen: 49.357 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

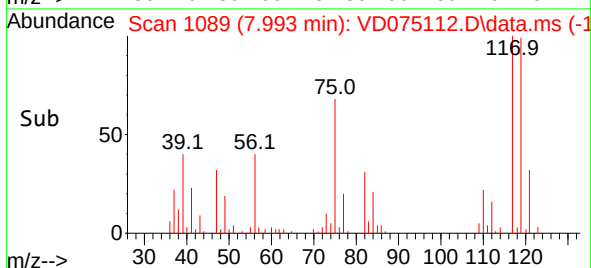
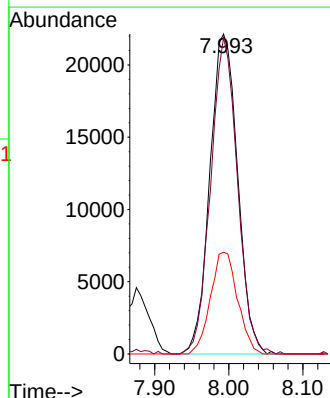
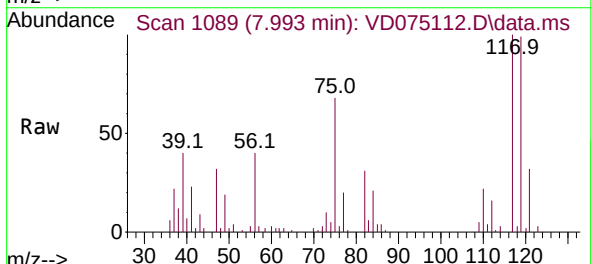
Tgt Ion: 117 Resp: 57652

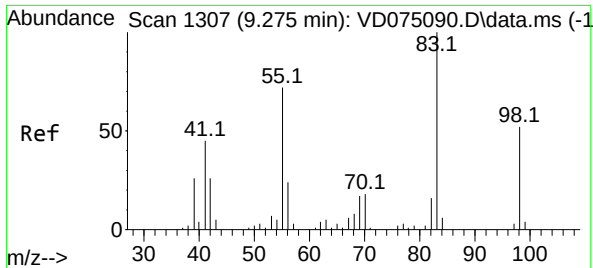
Ion Ratio Lower Upper

117 100

119 98.9 76.8 115.2

121 31.8 23.8 35.8





#39

Methylcyclohexane

Concen: 45.033 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

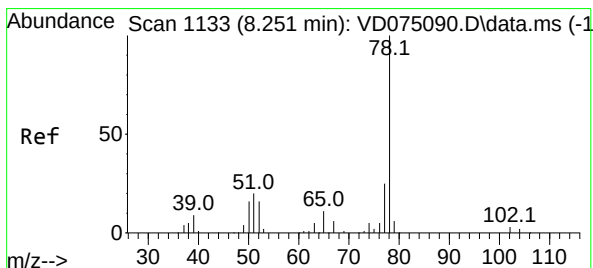
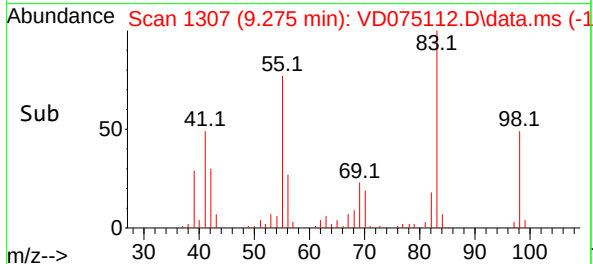
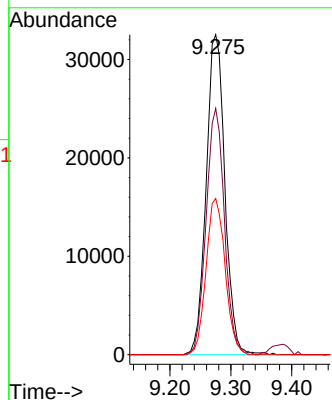
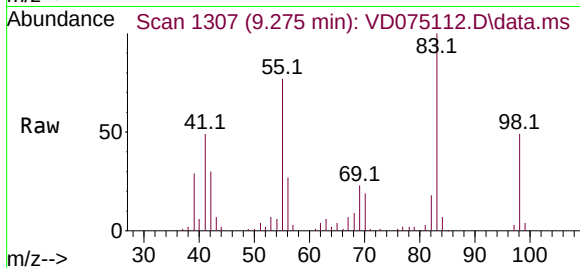
Tgt Ion: 83 Resp: 69445

Ion Ratio Lower Upper

83 100

55 77.0 57.6 86.4

98 48.8 41.4 62.0



#40

Benzene

Concen: 49.260 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075112.D

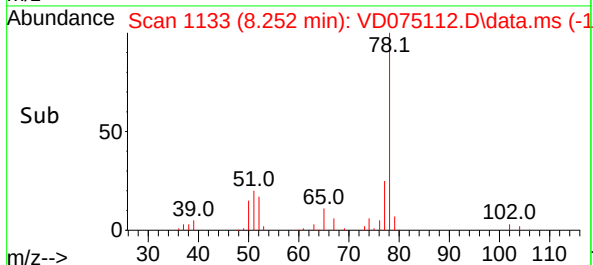
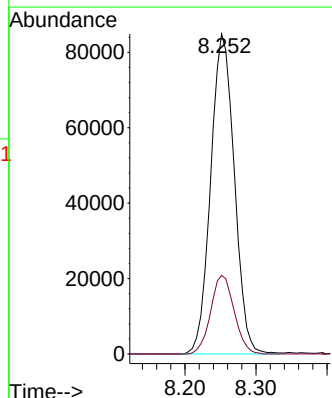
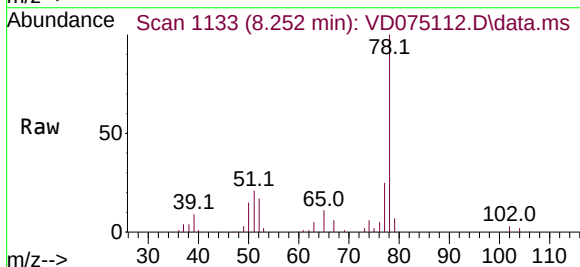
Acq: 10 Jan 2023 18:30

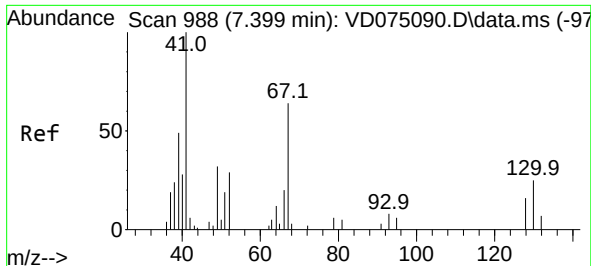
Tgt Ion: 78 Resp: 195951

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

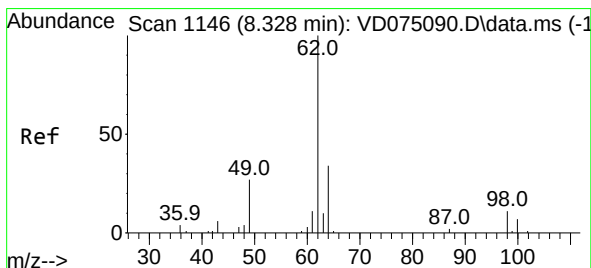
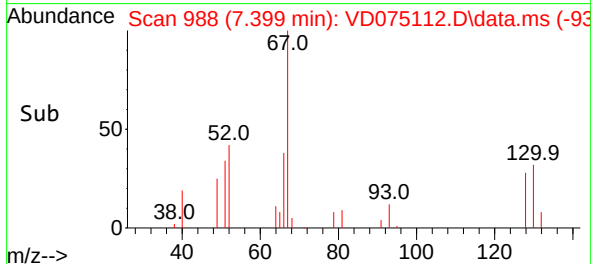
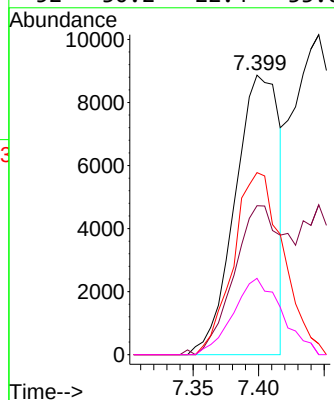
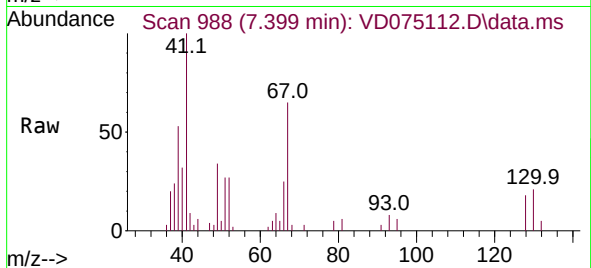




#41
Methacrylonitrile
Concen: 45.412 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

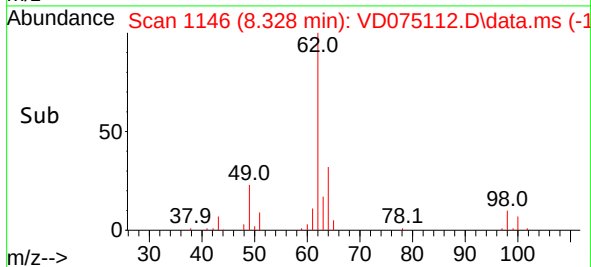
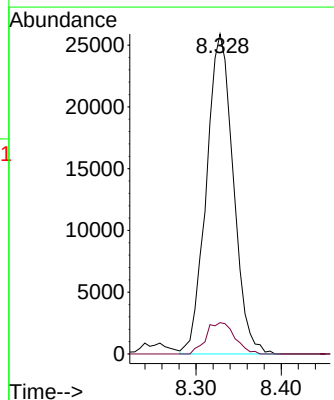
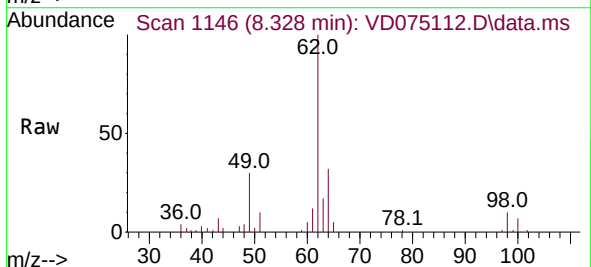
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

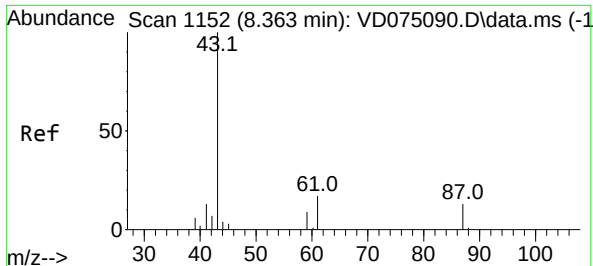
Tgt Ion: 41	Resp: 20730
Ion Ratio	Lower Upper
41 100	
39 65.6	48.2 72.2
67 73.4	53.1 79.7
52 30.2	22.4 33.6



#42
1,2-Dichloroethane
Concen: 51.035 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 62	Resp: 56893
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 21.4





#43

Isopropyl Acetate

Concen: 53.580 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

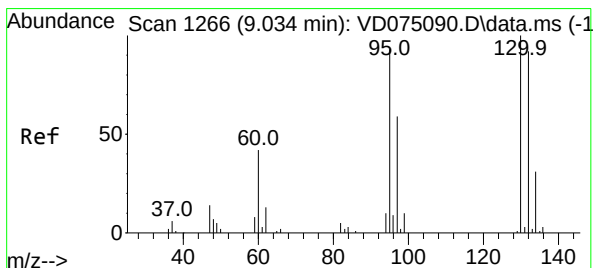
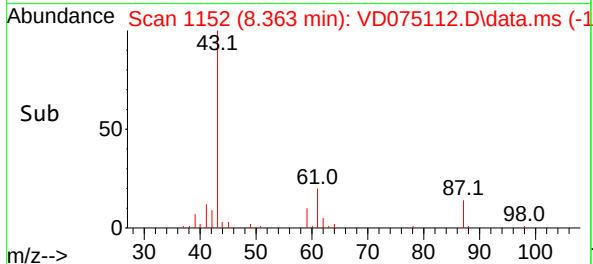
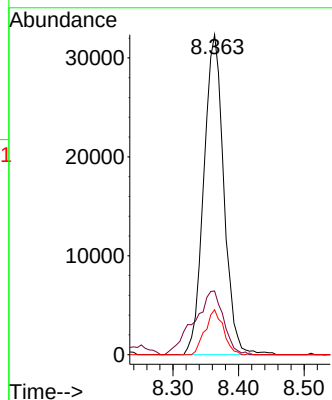
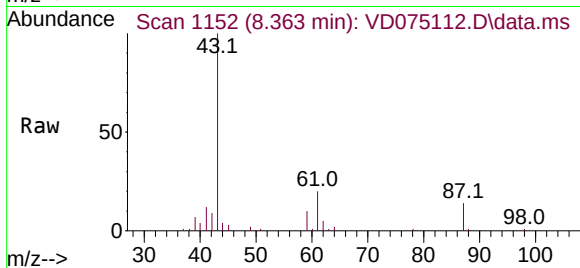
Tgt Ion: 43 Resp: 68743

Ion Ratio Lower Upper

43 100

61 29.3 23.2 34.8

87 12.8 10.6 16.0



#44

Trichloroethene

Concen: 47.835 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD075112.D

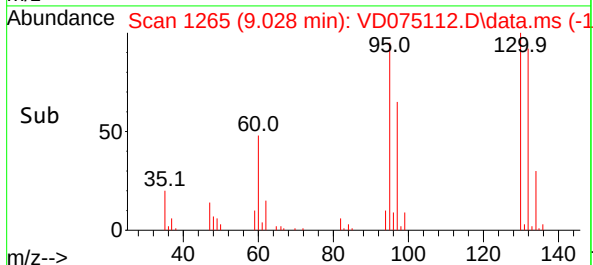
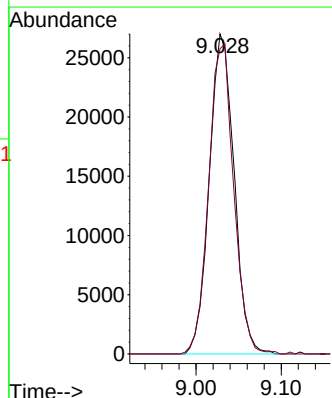
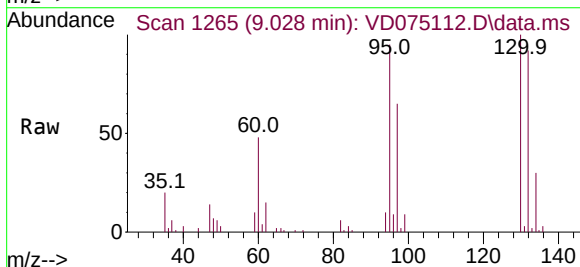
Acq: 10 Jan 2023 18:30

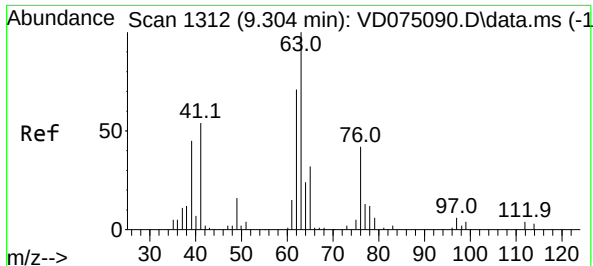
Tgt Ion: 130 Resp: 54689

Ion Ratio Lower Upper

130 100

95 95.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 51.798 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

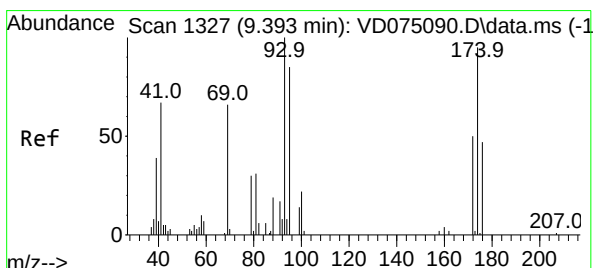
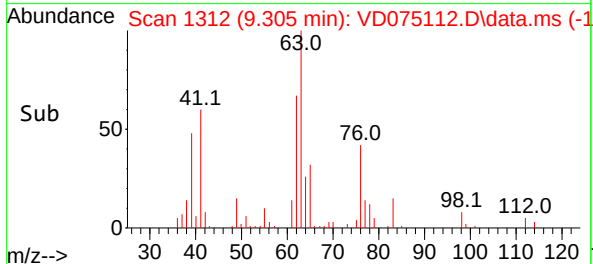
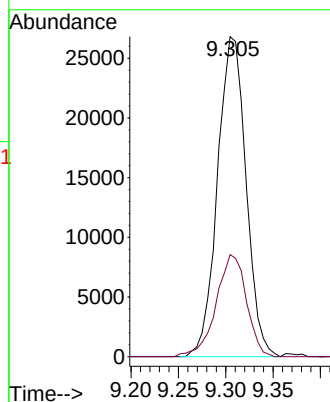
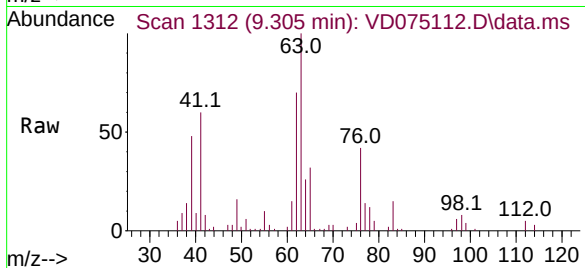
VSTDCCC050EC

Tgt Ion: 63 Resp: 56145

Ion Ratio Lower Upper

63 100

65 31.9 25.2 37.8



#46

Dibromomethane

Concen: 51.915 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

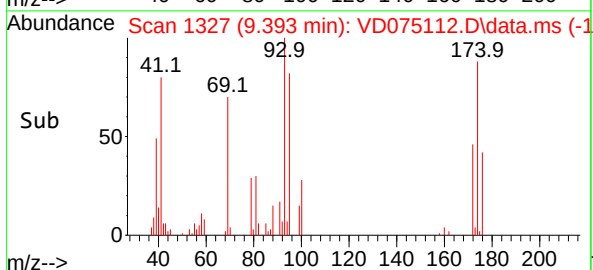
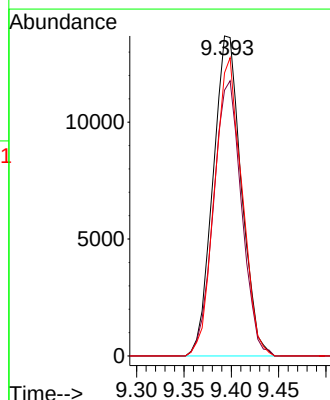
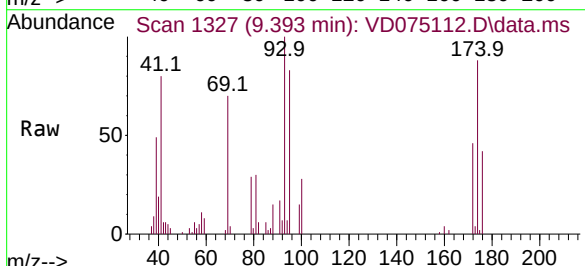
Tgt Ion: 93 Resp: 28440

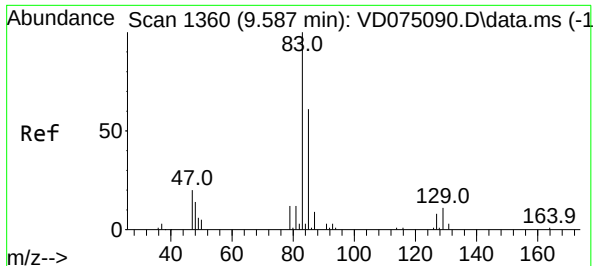
Ion Ratio Lower Upper

93 100

95 85.2 66.7 100.1

174 89.8 76.8 115.2





#47

Bromodichloromethane

Concen: 53.694 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

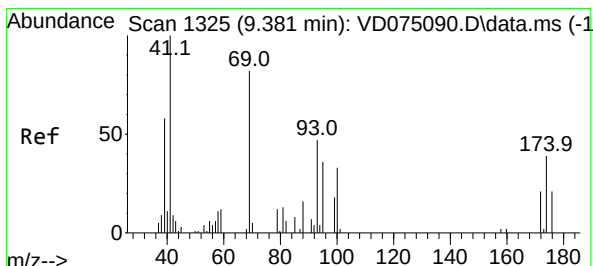
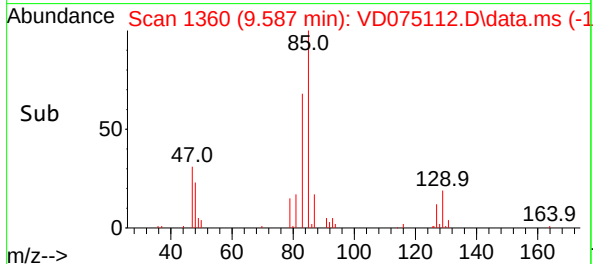
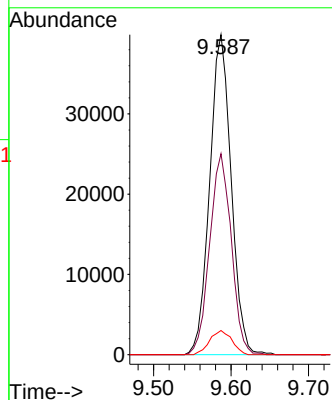
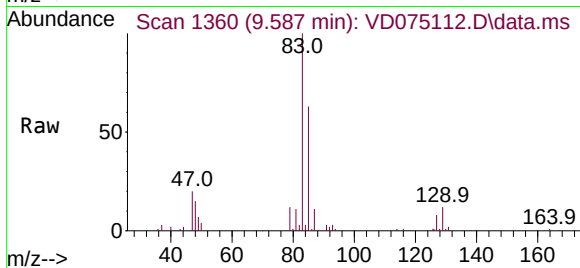
Tgt Ion: 83 Resp: 76812

Ion Ratio Lower Upper

83 100

85 62.8 48.8 73.2

127 7.6 6.6 9.8



#48

Methyl methacrylate

Concen: 52.121 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

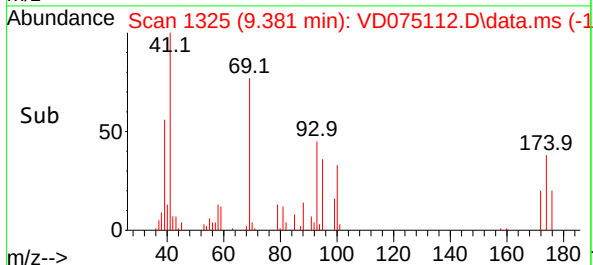
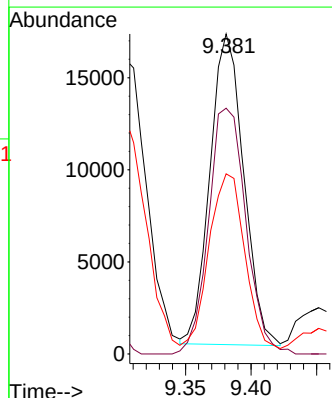
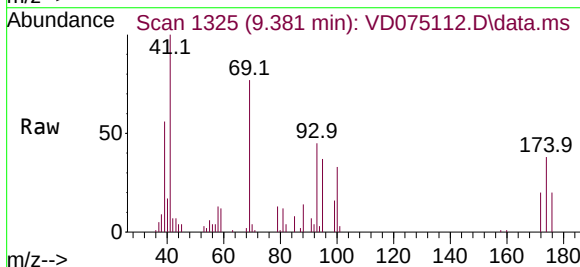
Tgt Ion: 41 Resp: 30130

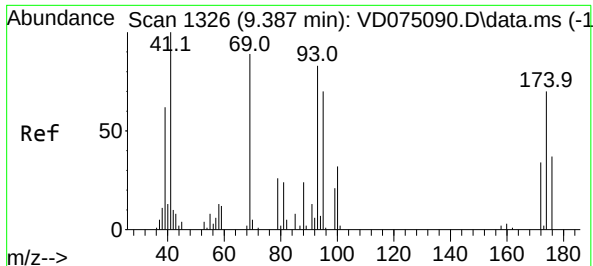
Ion Ratio Lower Upper

41 100

69 87.7 72.4 108.6

39 63.6 50.6 76.0





#49

1,4-Dioxane

Concen: 938.829 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

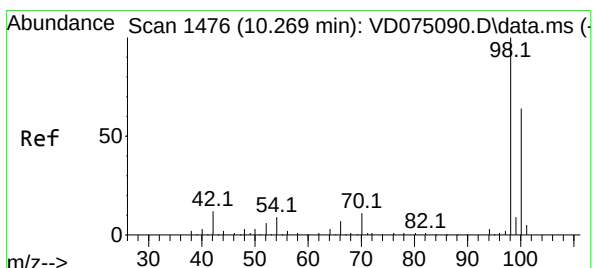
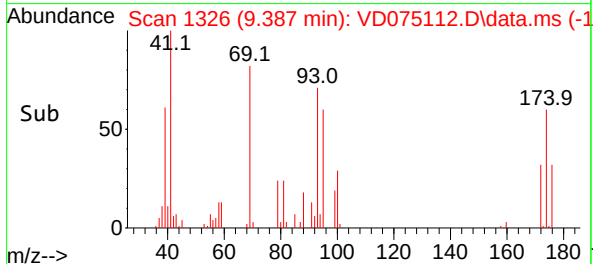
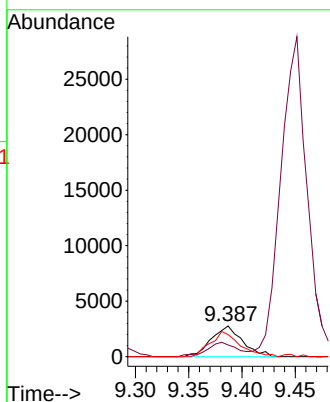
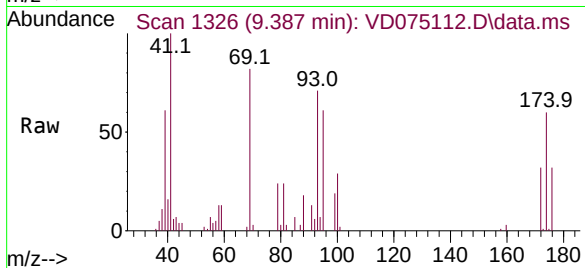
Tgt Ion: 88 Resp: 5601

Ion Ratio Lower Upper

88 100

43 44.6 27.4 41.2#

58 77.3 48.6 73.0#



#50

Toluene-d8

Concen: 47.599 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075112.D

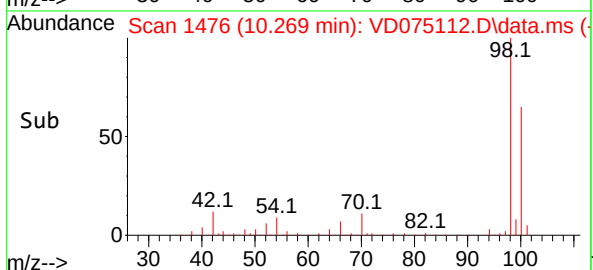
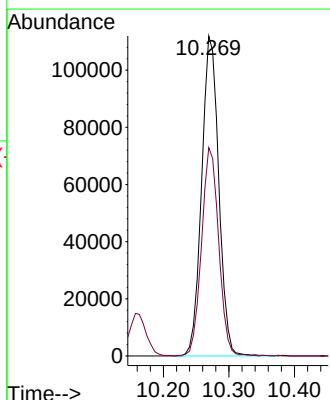
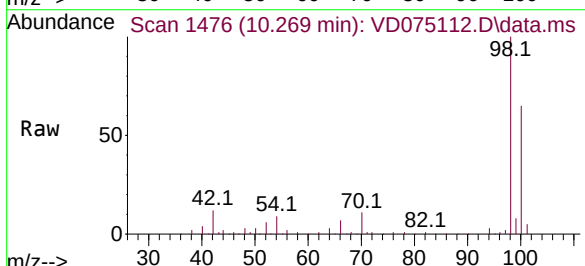
Acq: 10 Jan 2023 18:30

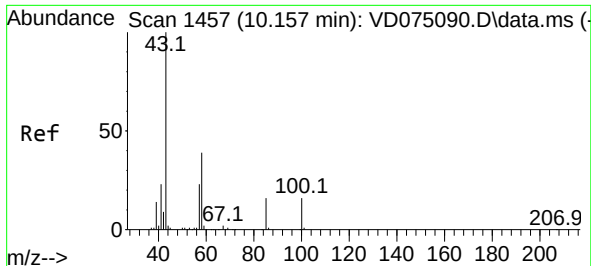
Tgt Ion: 98 Resp: 203378

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

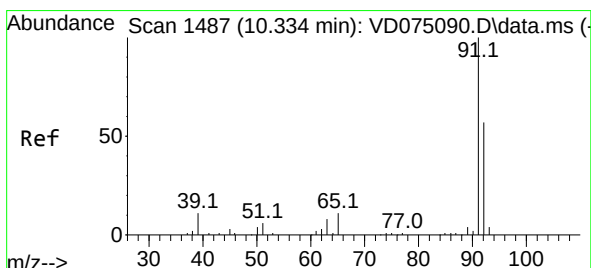
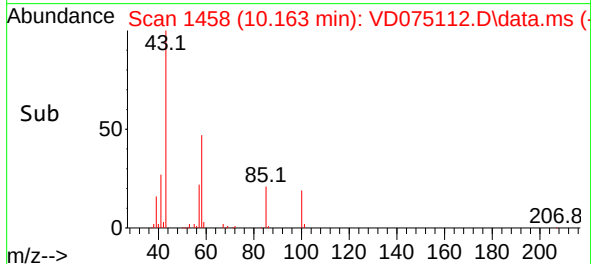
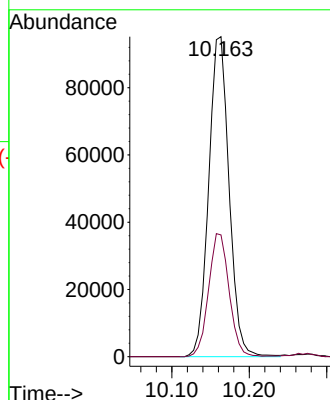
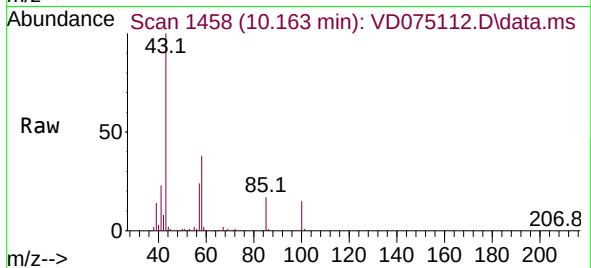




#51
4-Methyl-2-Pentanone
Concen: 268.878 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

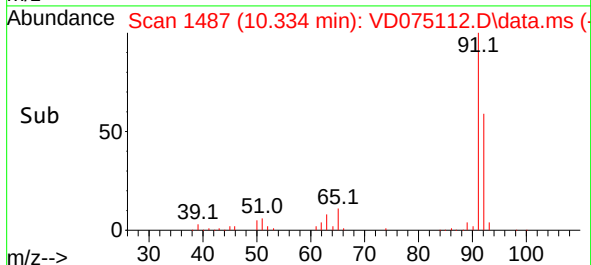
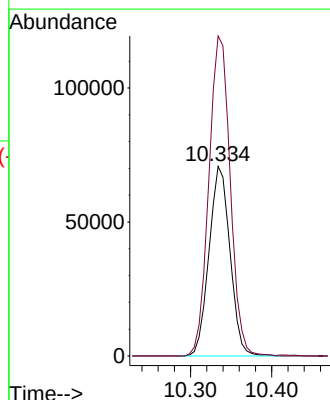
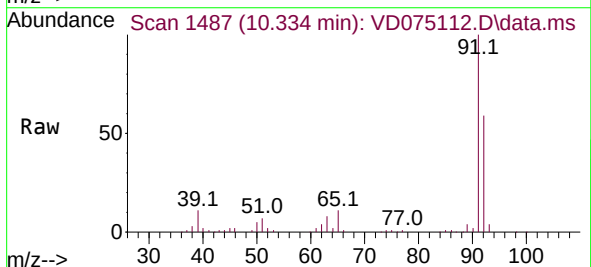
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

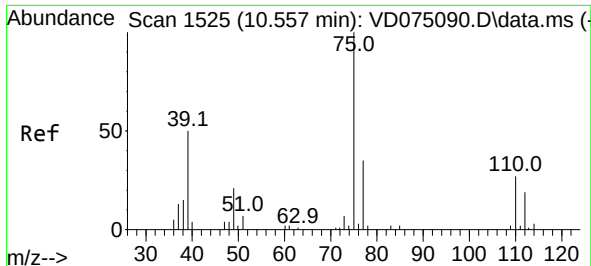
Tgt Ion: 43 Resp: 174198
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 49.193 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 92 Resp: 126863
Ion Ratio Lower Upper
92 100
91 172.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 52.739 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

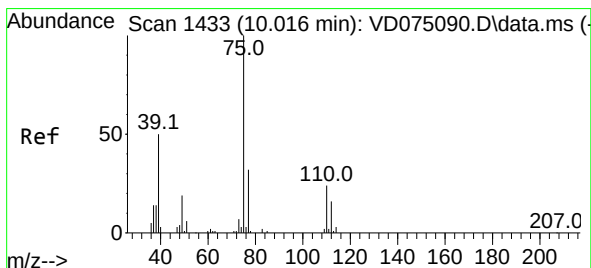
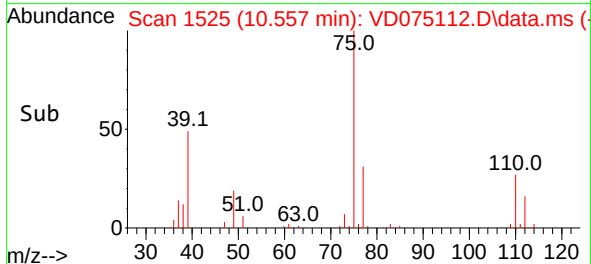
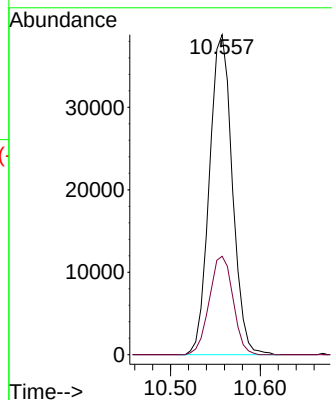
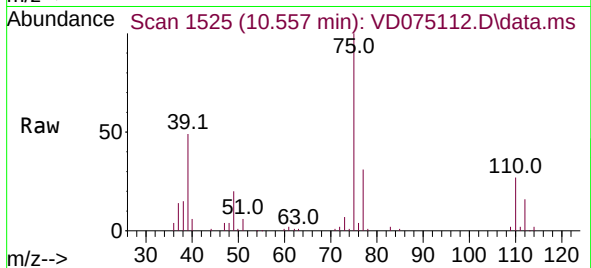
VSTDCCC050EC

Tgt Ion: 75 Resp: 68954

Ion Ratio Lower Upper

75 100

77 30.8 27.6 41.4



#54

cis-1,3-Dichloropropene

Concen: 52.110 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

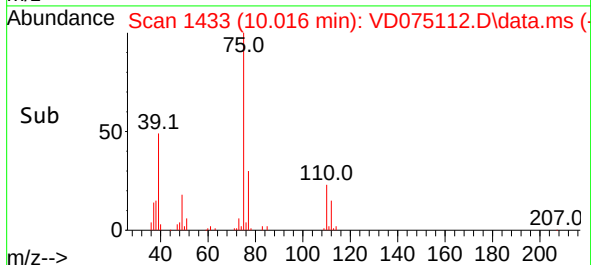
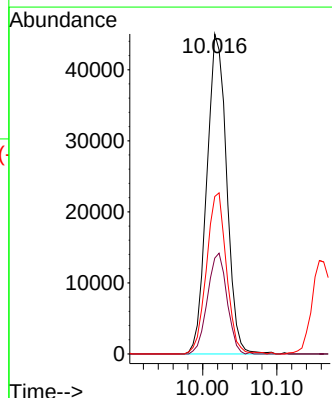
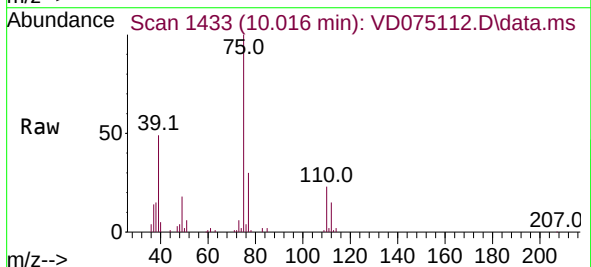
Tgt Ion: 75 Resp: 83448

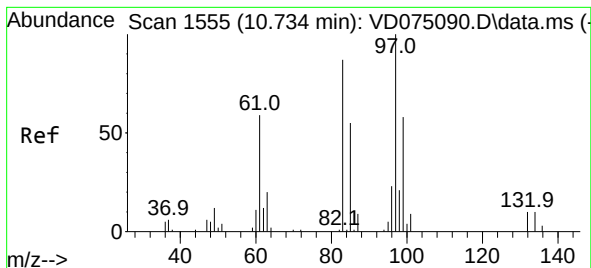
Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3

39 49.2 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 52.652 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 42008

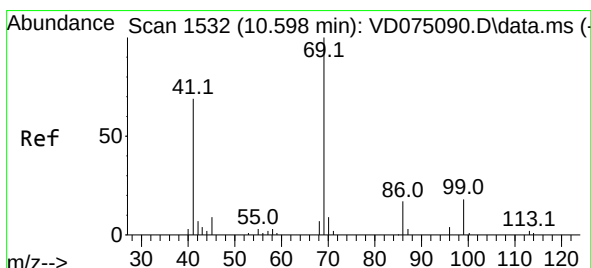
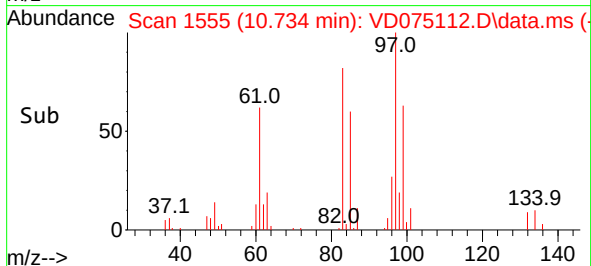
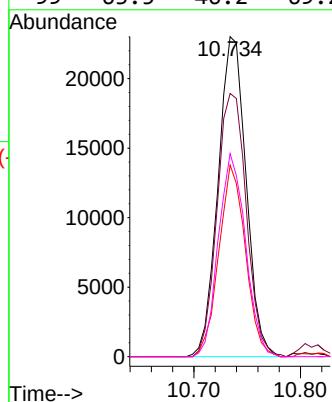
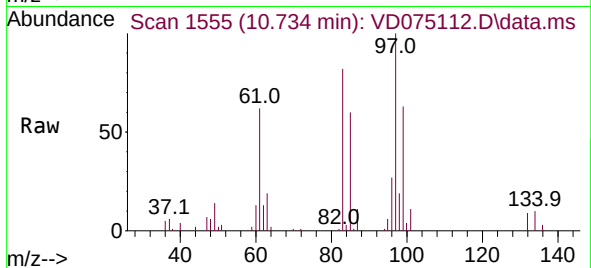
Ion Ratio Lower Upper

97 100

83 82.2 69.4 104.2

85 59.9 43.8 65.8

99 63.5 46.2 69.2



#56

Ethyl methacrylate

Concen: 54.665 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

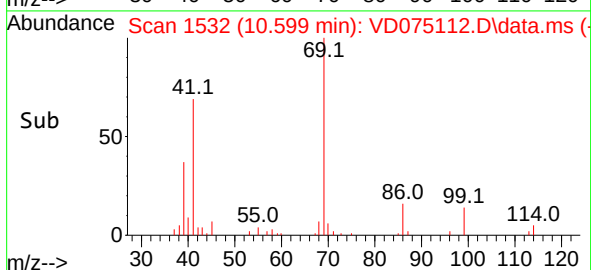
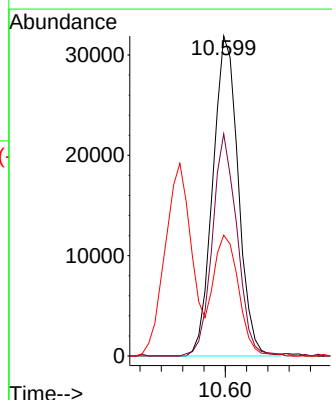
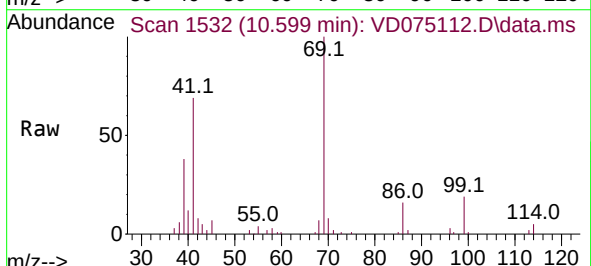
Tgt Ion: 69 Resp: 52683

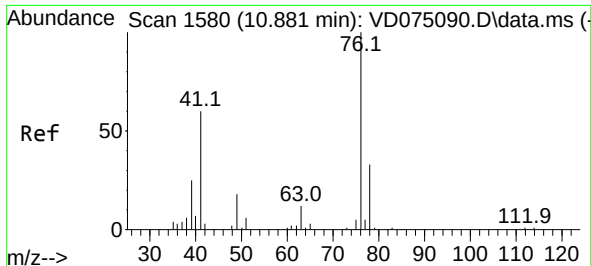
Ion Ratio Lower Upper

69 100

41 67.4 54.4 81.6

39 37.6 30.6 45.8





#57

1,3-Dichloropropane

Concen: 52.762 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

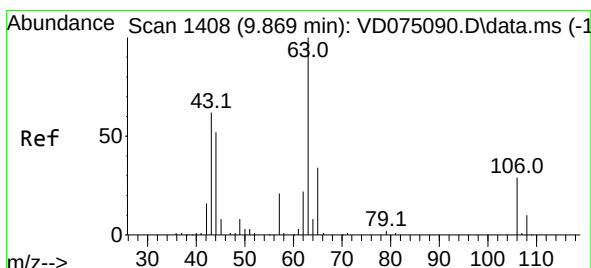
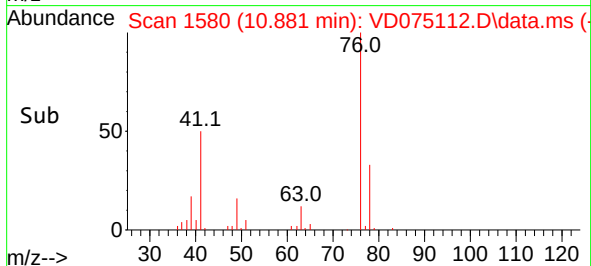
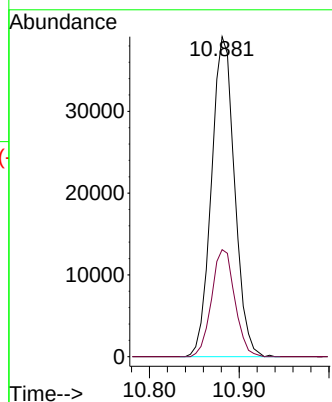
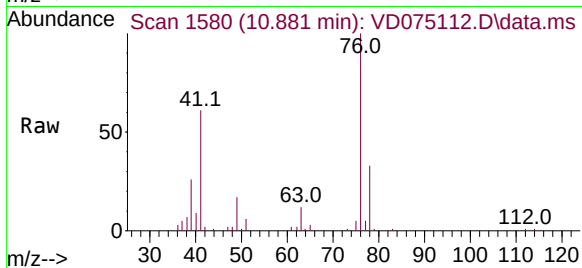
VSTDCCC050EC

Tgt Ion: 76 Resp: 69930

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 278.169 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075112.D

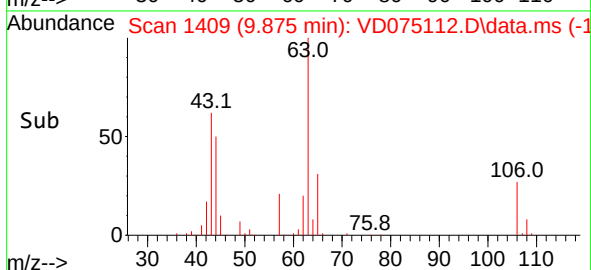
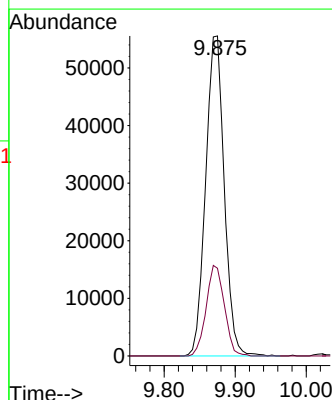
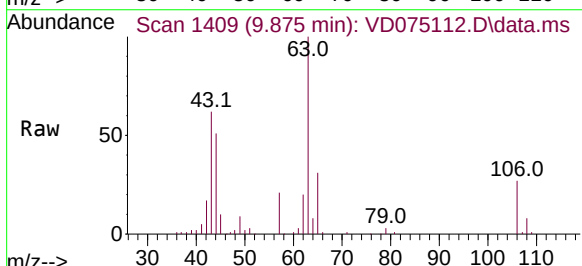
Acq: 10 Jan 2023 18:30

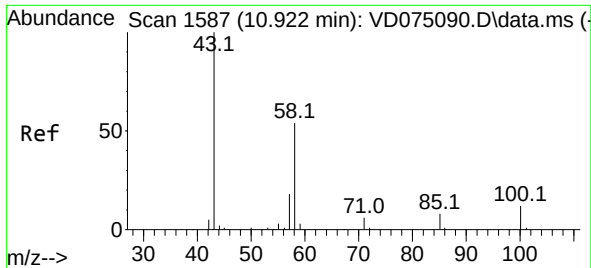
Tgt Ion: 63 Resp: 101210

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4

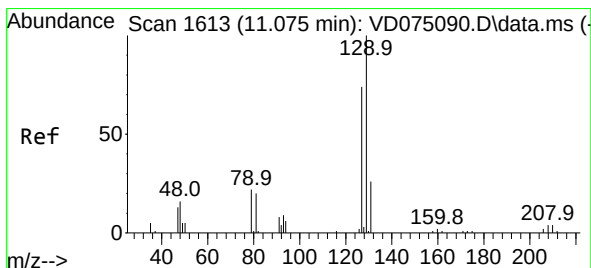
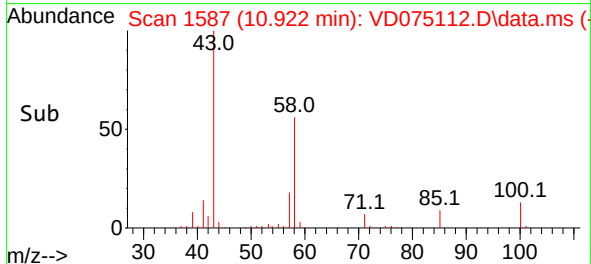
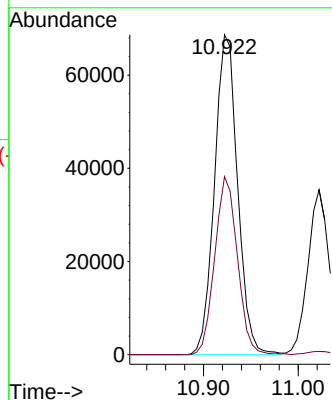
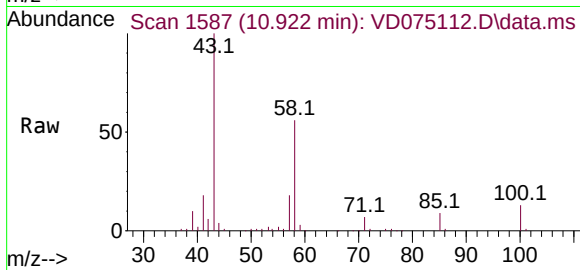




#59
2-Hexanone
Concen: 256.698 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

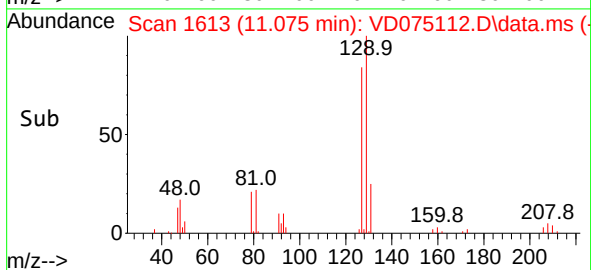
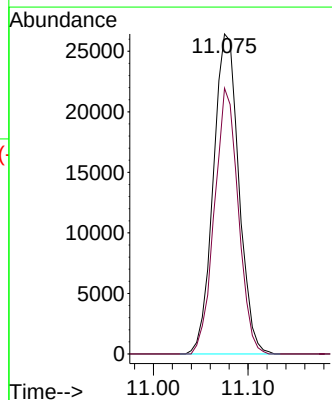
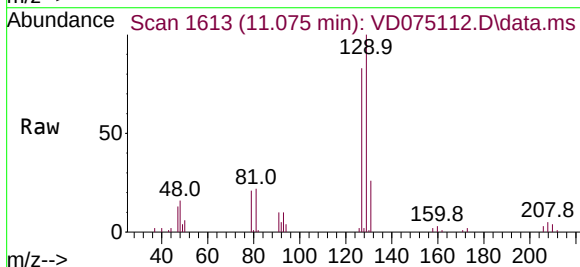
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

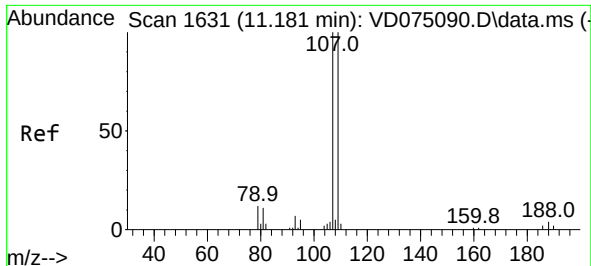
Tgt Ion: 43 Resp: 116331
Ion Ratio Lower Upper
43 100
58 54.7 26.6 79.8



#60
Dibromochloromethane
Concen: 52.436 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 129 Resp: 49537
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

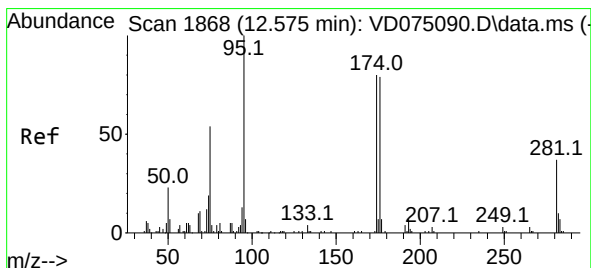
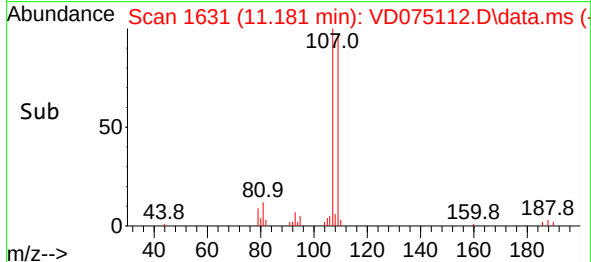
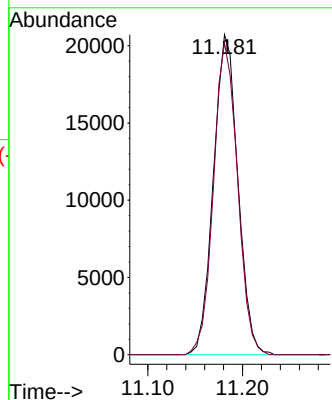
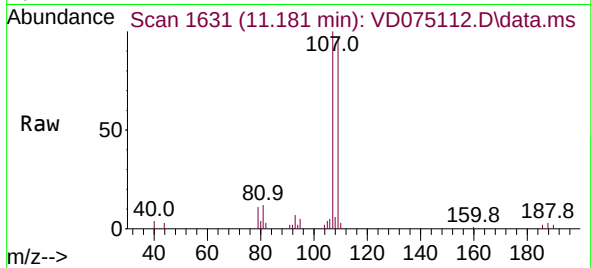




#61
1,2-Dibromoethane
Concen: 51.313 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

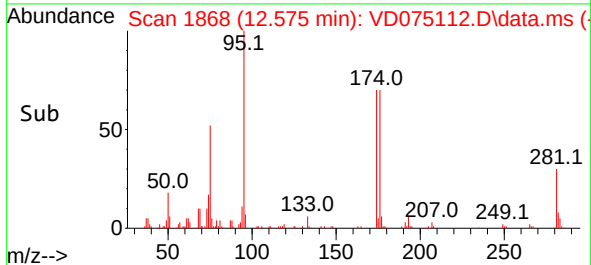
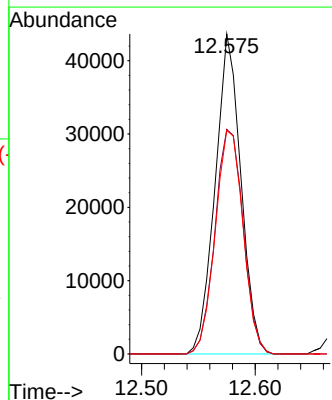
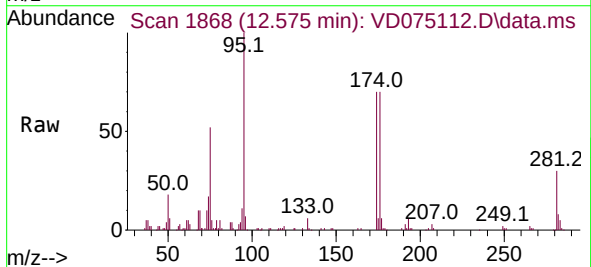
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

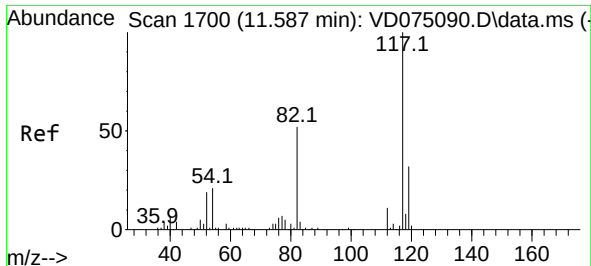
Tgt Ion:107 Resp: 37171
Ion Ratio Lower Upper
107 100
109 95.9 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 50.052 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 95 Resp: 68644
Ion Ratio Lower Upper
95 100
174 77.0 0.0 168.4
176 75.5 0.0 163.8

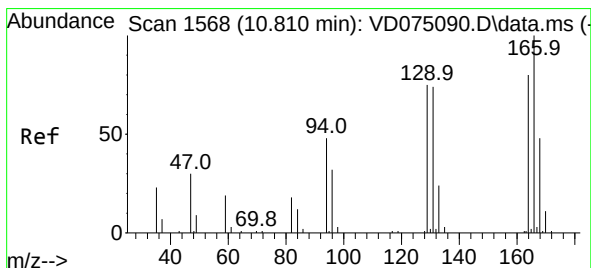
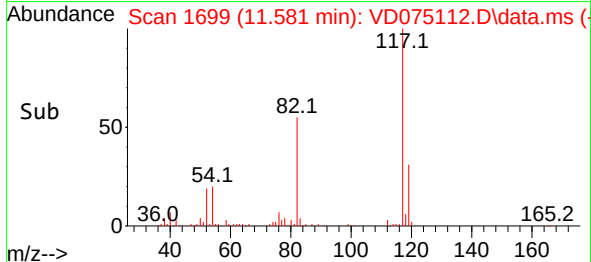
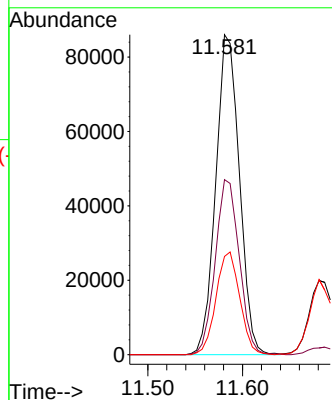
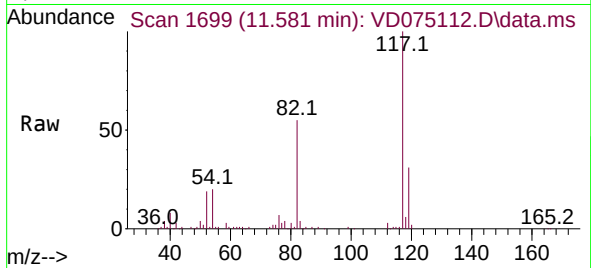




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

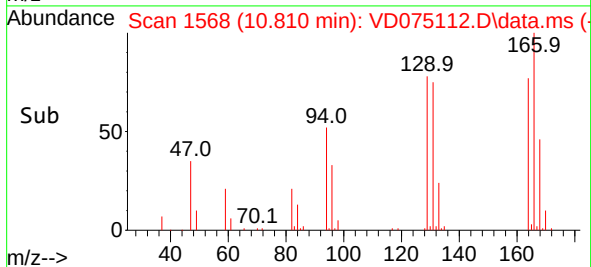
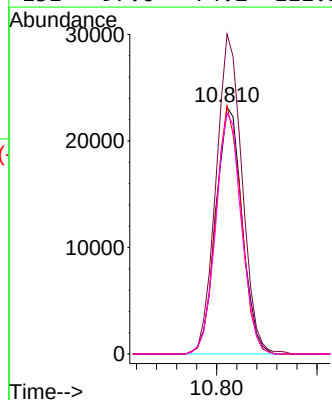
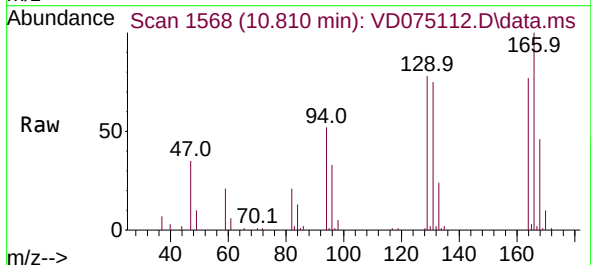
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

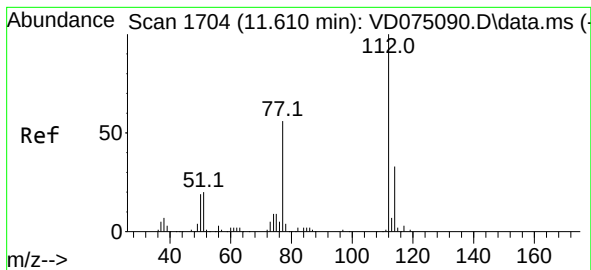
Tgt Ion:117 Resp: 149462
Ion Ratio Lower Upper
117 100
82 54.7 41.3 61.9
119 30.7 25.8 38.6



#64
Tetrachloroethene
Concen: 43.958 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:164 Resp: 42131
Ion Ratio Lower Upper
164 100
166 129.7 100.3 150.5
129 100.6 75.8 113.6
131 97.6 74.2 111.2





#65

Chlorobenzene

Concen: 49.882 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

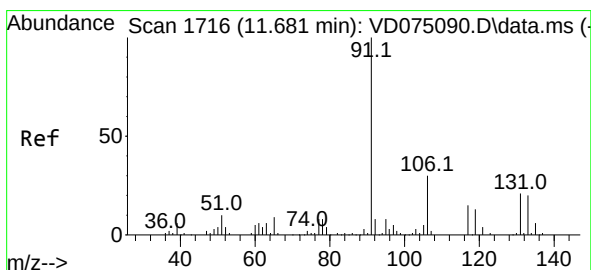
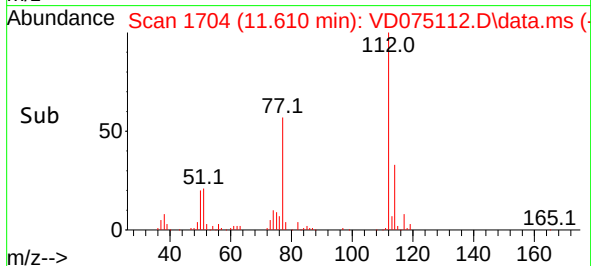
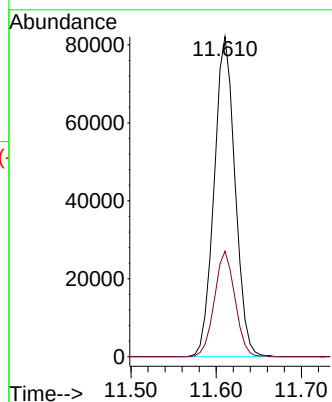
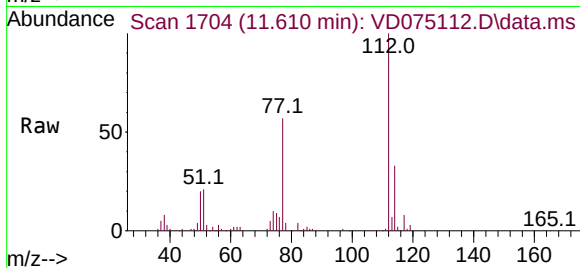
VSTDCCC050EC

Tgt Ion:112 Resp: 140329

Ion Ratio Lower Upper

112 100

114 33.0 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.744 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

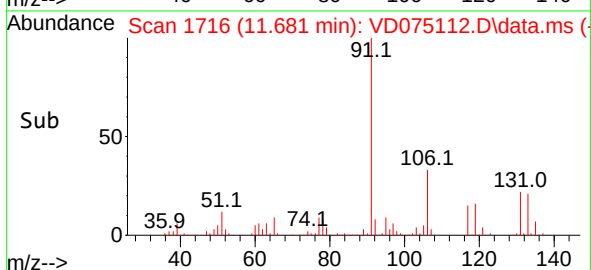
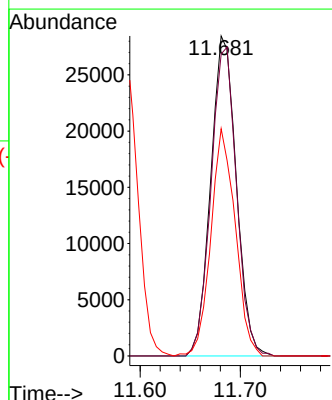
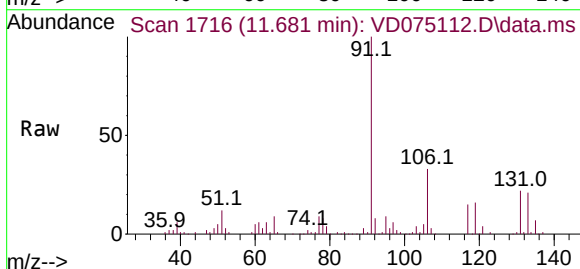
Tgt Ion:131 Resp: 50443

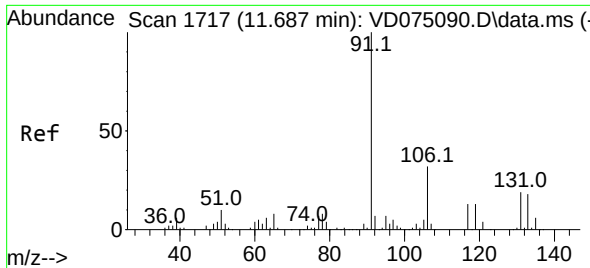
Ion Ratio Lower Upper

131 100

133 96.4 46.4 139.2

119 67.8 33.4 100.2

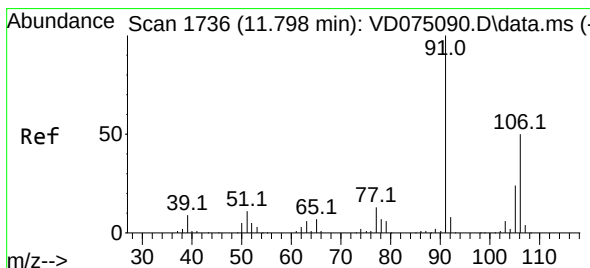
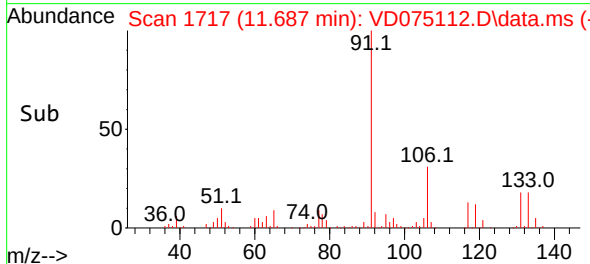
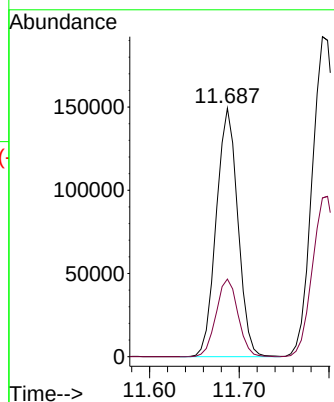
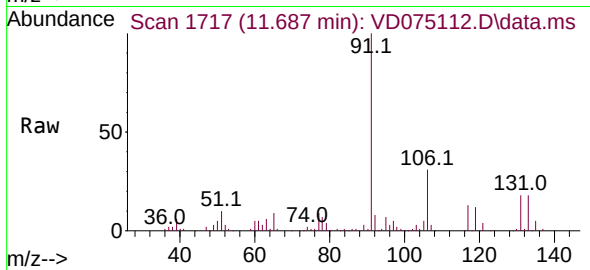




#67
Ethyl Benzene
Concen: 49.774 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

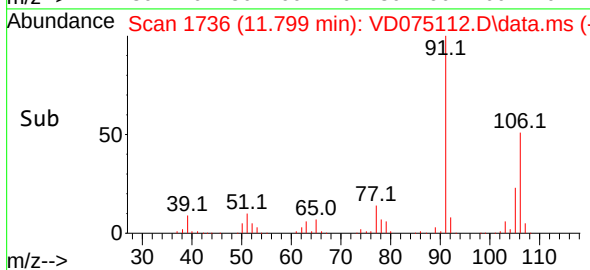
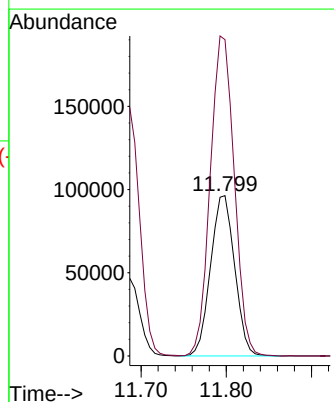
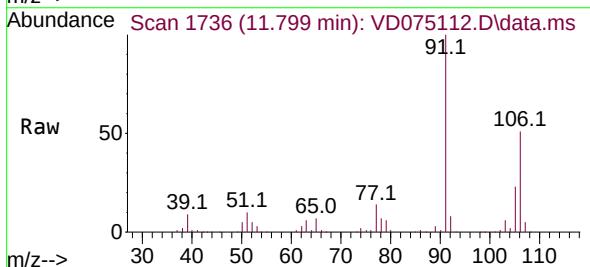
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

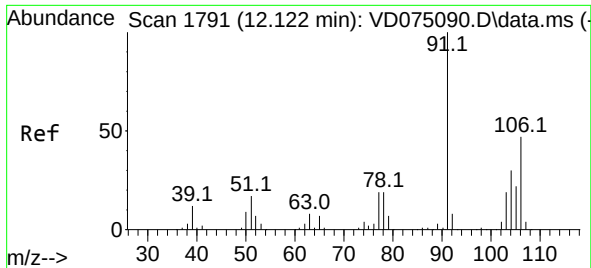
Tgt Ion: 91 Resp: 249334
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6



#68
m/p-Xylenes
Concen: 98.031 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:106 Resp: 189287
Ion Ratio Lower Upper
106 100
91 198.8 157.9 236.9

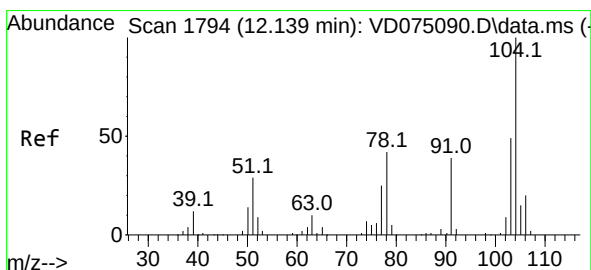
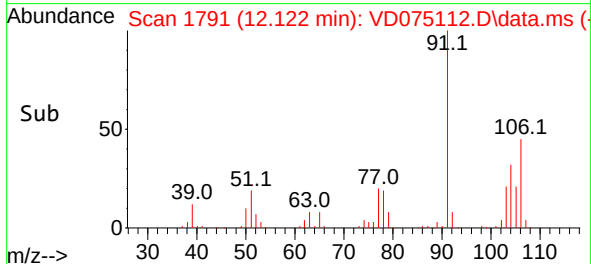
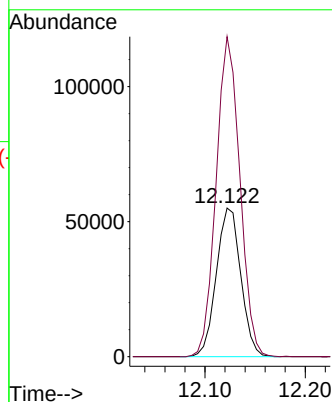
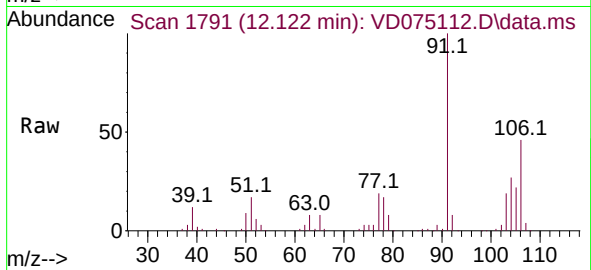




#69
o-Xylene
Concen: 49.765 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

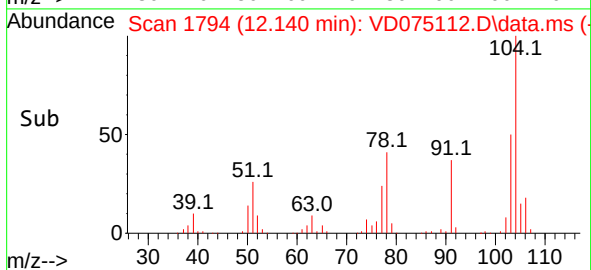
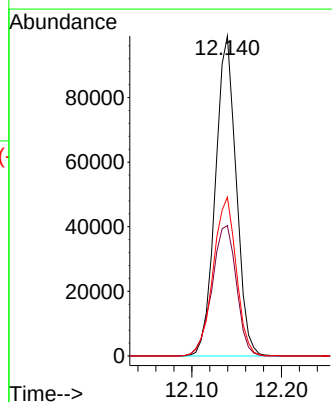
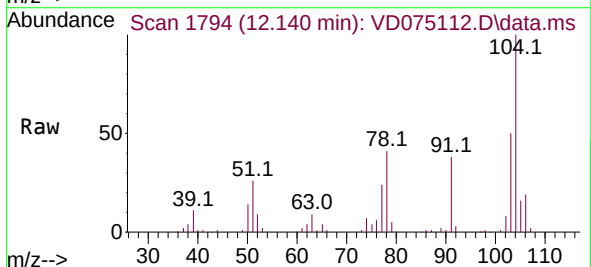
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

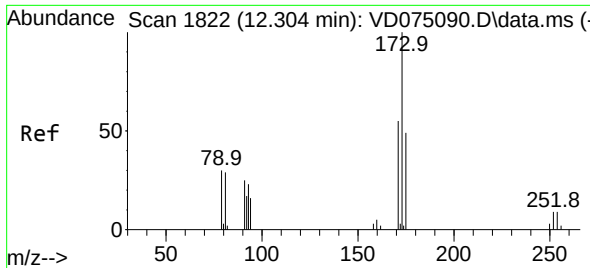
Tgt Ion:106 Resp: 93130
Ion Ratio Lower Upper
106 100
91 209.3 104.5 313.3



#70
Styrene
Concen: 50.964 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:104 Resp: 159399
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 54.9 43.9 65.9

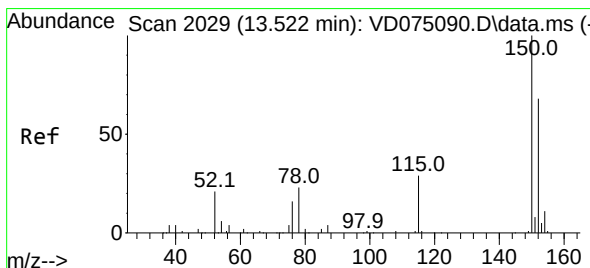
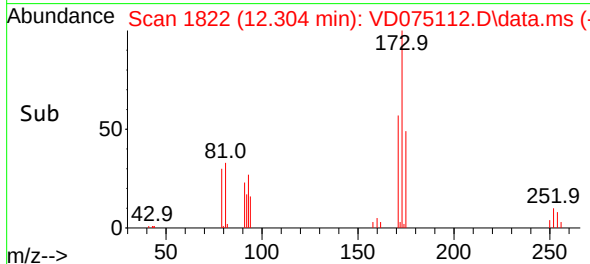
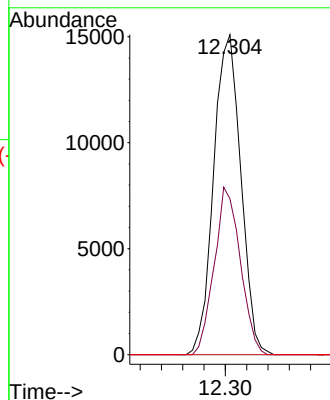
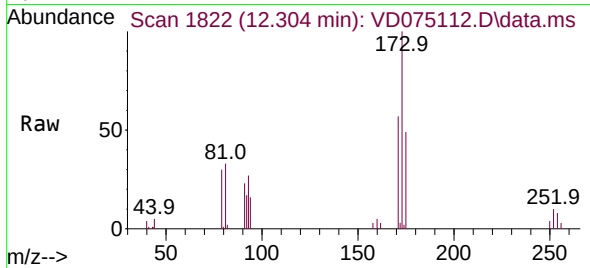




#71
Bromoform
Concen: 50.085 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

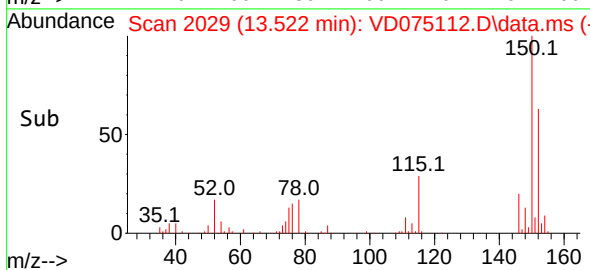
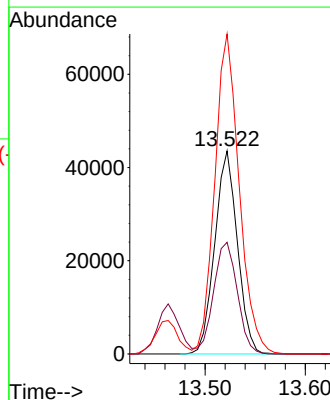
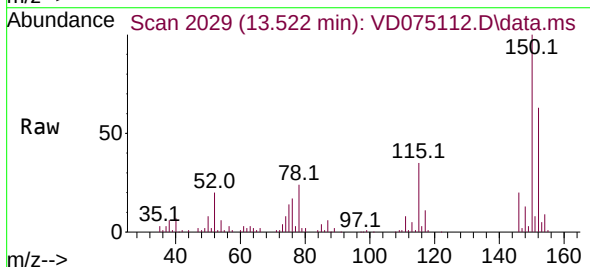
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

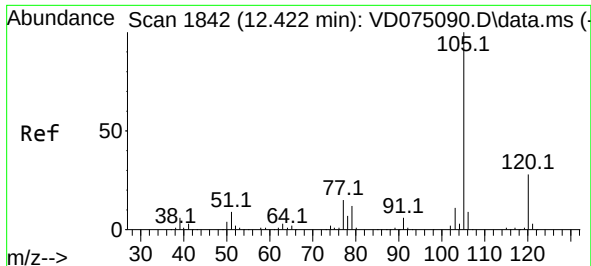
Tgt Ion:173 Resp: 26760
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:152 Resp: 68342
Ion Ratio Lower Upper
152 100
115 57.8 28.7 86.1
150 170.2 0.0 343.2

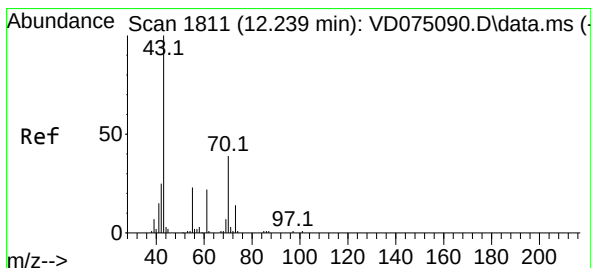
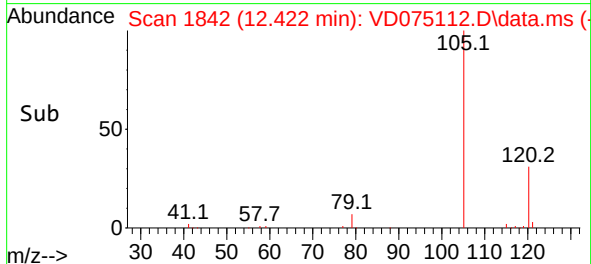
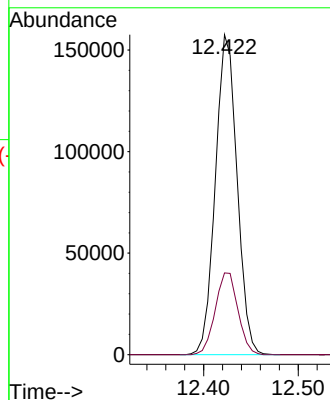
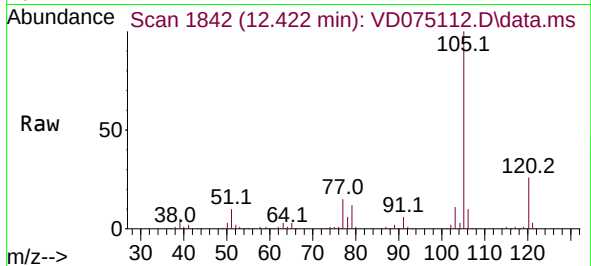




#73
Isopropylbenzene
Concen: 49.108 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

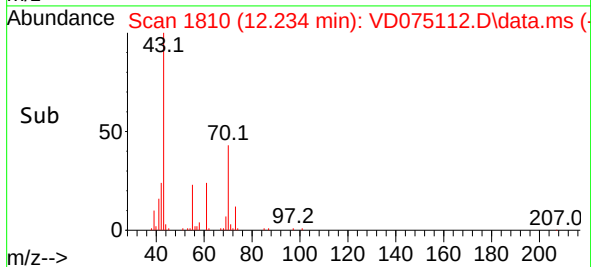
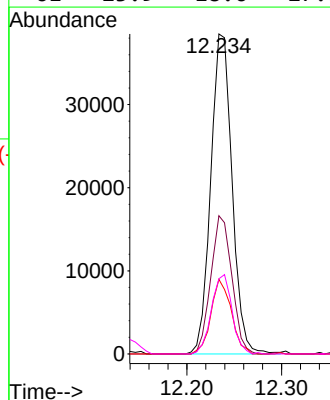
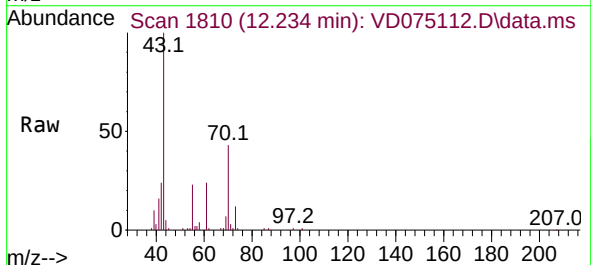
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

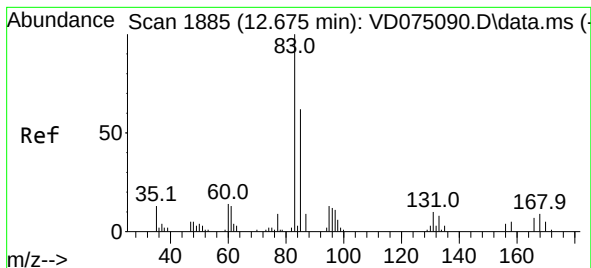
Tgt Ion:105 Resp: 250935
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 51.894 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 43 Resp: 60231
Ion Ratio Lower Upper
43 100
70 42.6 33.4 50.0
55 22.2 17.4 26.0
61 23.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.695 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

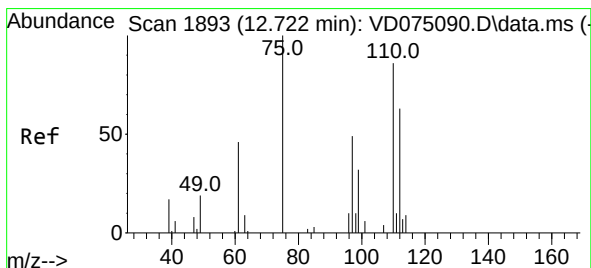
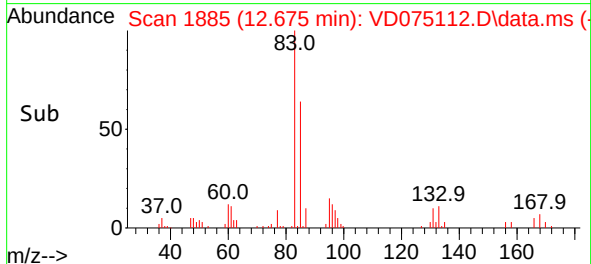
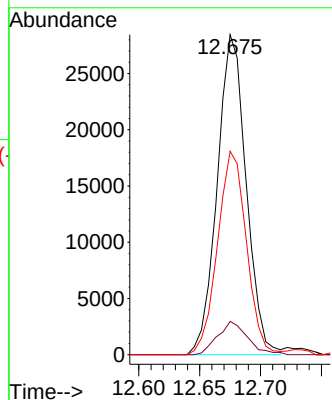
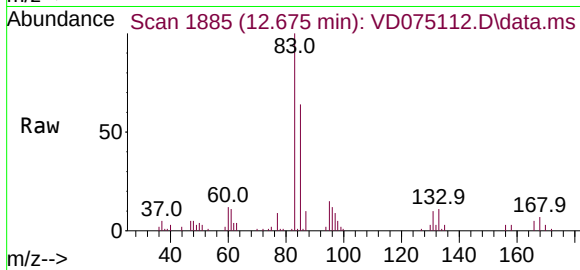
Tgt Ion: 83 Resp: 47023

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 63.7 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 84.921 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD075112.D

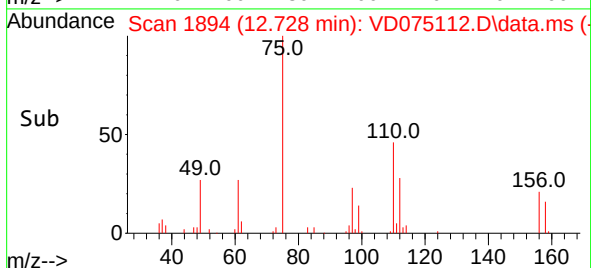
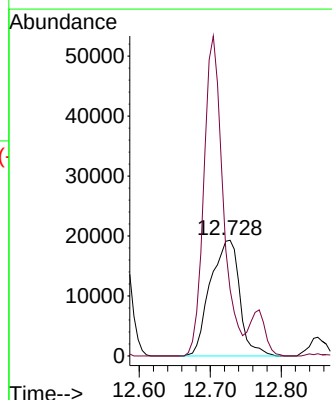
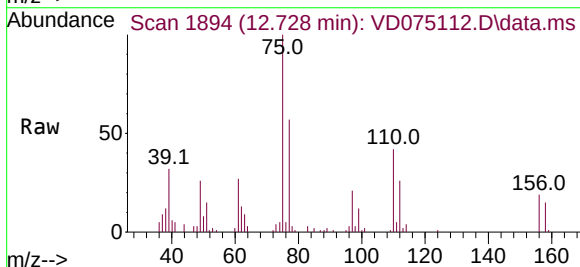
Acq: 10 Jan 2023 18:30

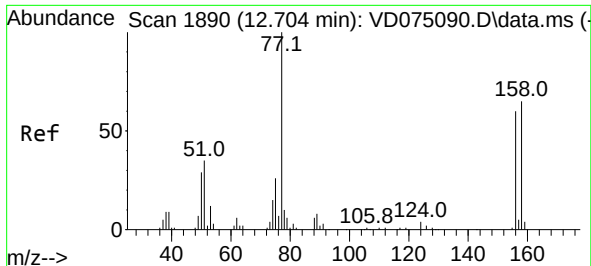
Tgt Ion: 75 Resp: 55377

Ion Ratio Lower Upper

75 100

77 0.0 149.0 447.1#

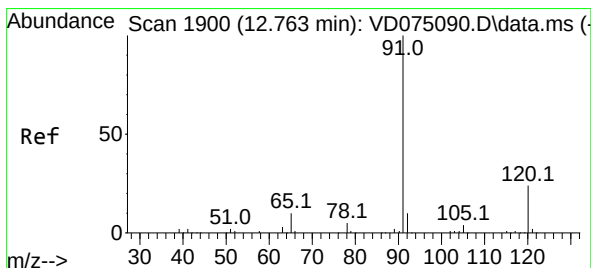
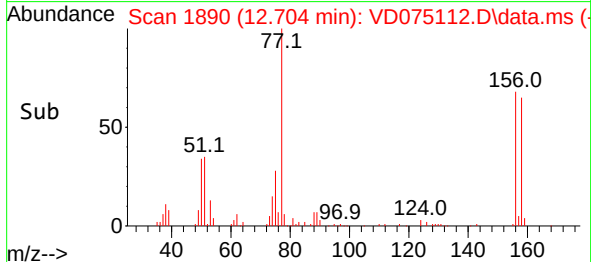
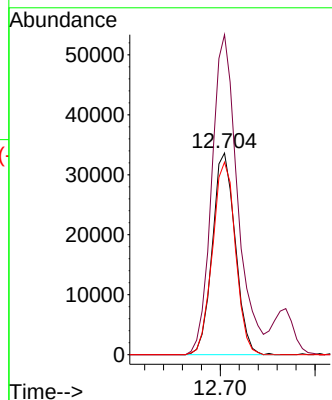
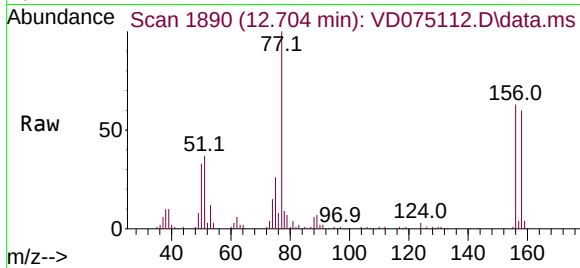




#77
Bromobenzene
Concen: 50.336 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

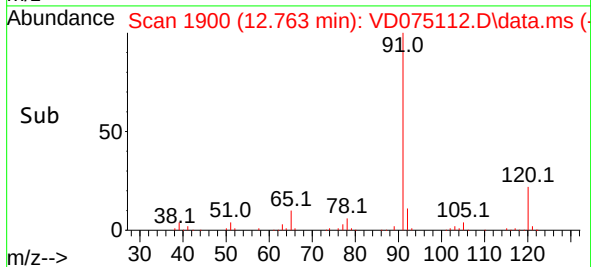
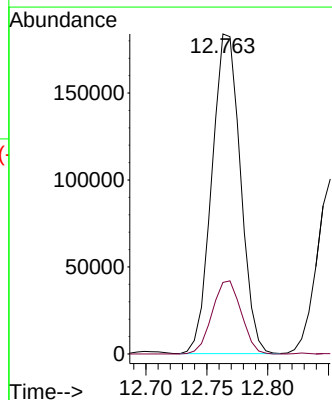
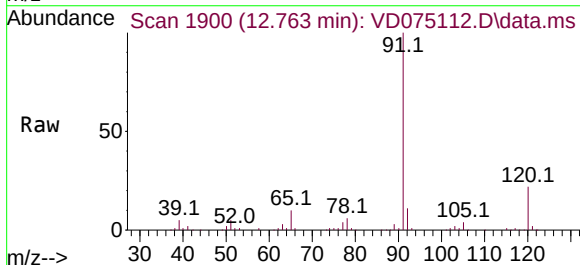
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

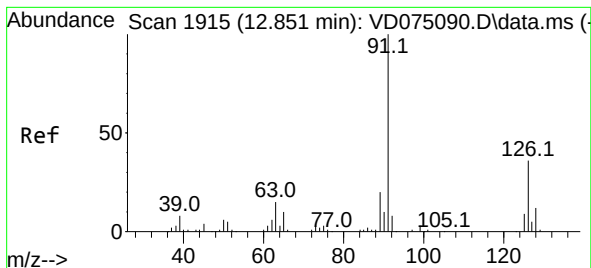
Tgt Ion:156 Resp: 56308
Ion Ratio Lower Upper
156 100
77 178.8 90.8 272.5
158 96.0 49.4 148.0



#78
n-propylbenzene
Concen: 49.063 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 91 Resp: 300683
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 49.839 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

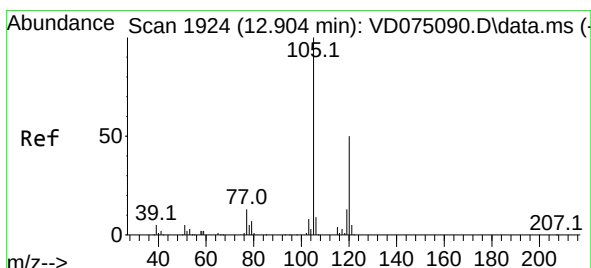
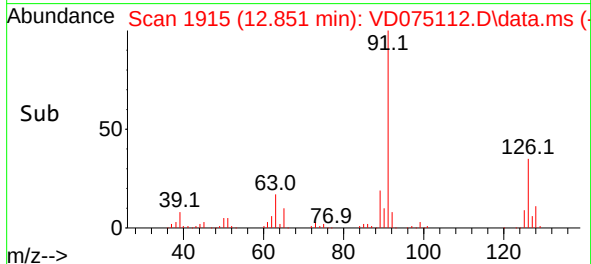
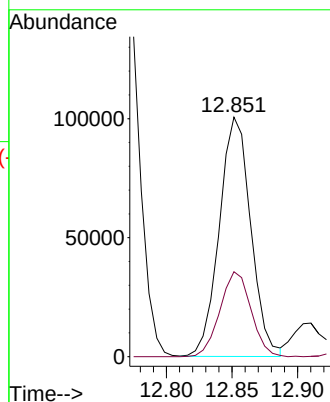
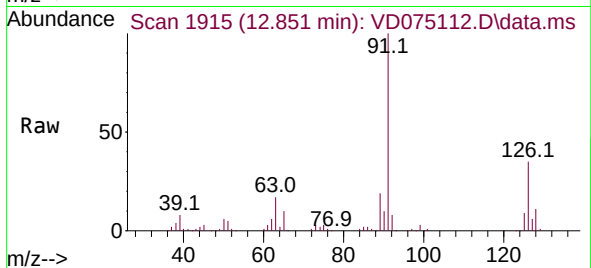
VSTDCCC050EC

Tgt Ion: 91 Resp: 167859

Ion Ratio Lower Upper

91 100

126 35.0 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 48.835 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075112.D

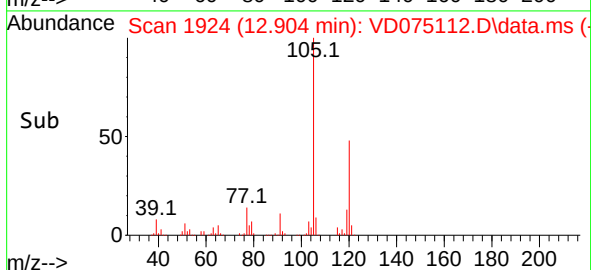
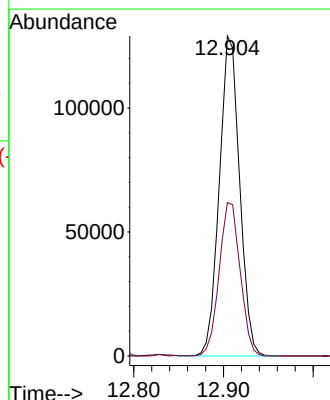
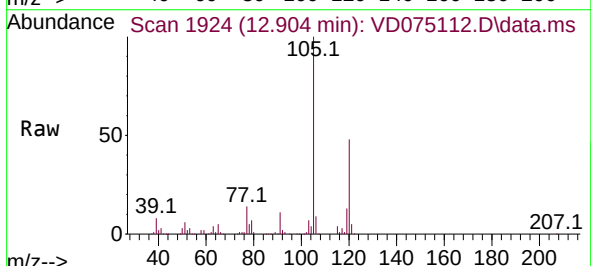
Acq: 10 Jan 2023 18:30

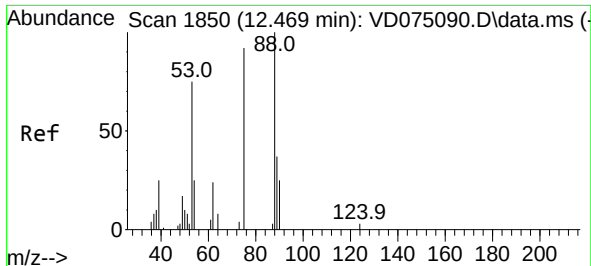
Tgt Ion: 105 Resp: 202441

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.3

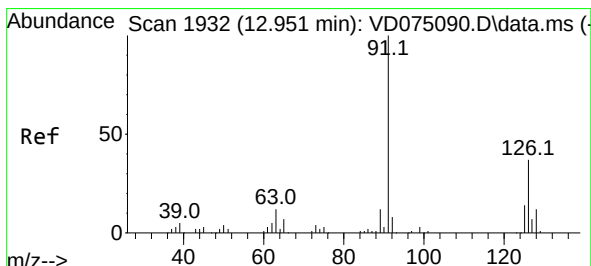
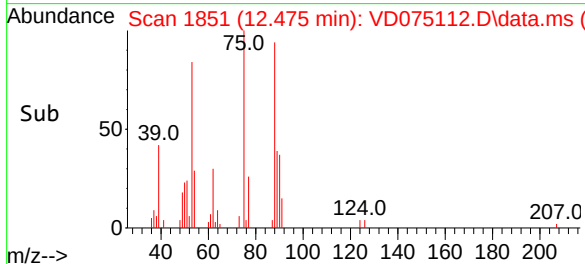
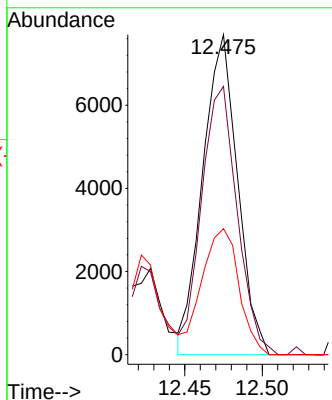
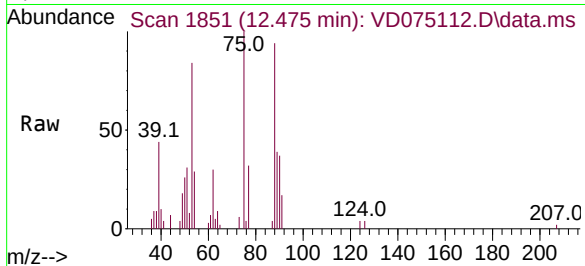




#81
trans-1,4-Dichloro-2-butene
Concen: 48.936 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

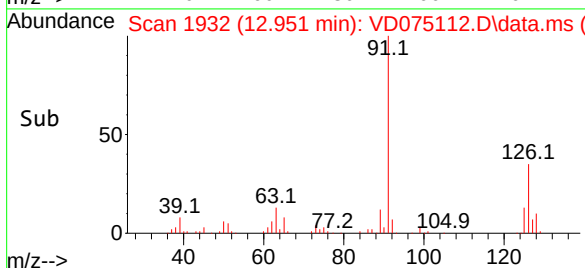
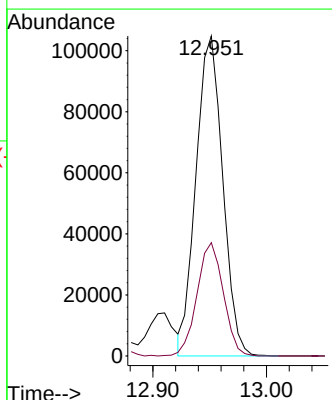
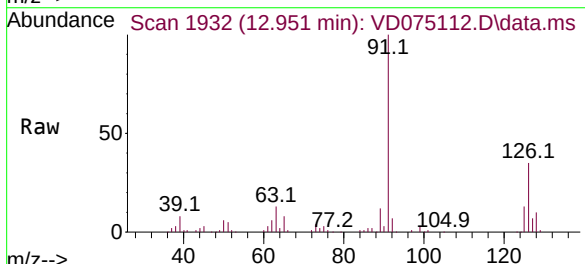
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

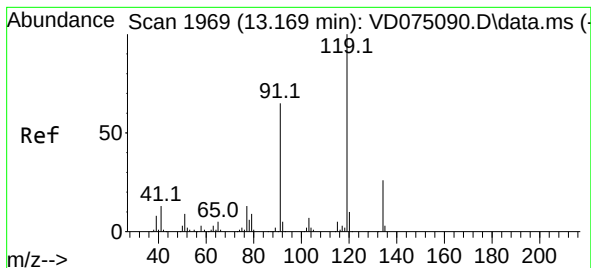
Tgt Ion: 75 Resp: 12016
Ion Ratio Lower Upper
75 100
53 85.8 68.6 103.0
89 42.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.689 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 91 Resp: 171425
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 49.527 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

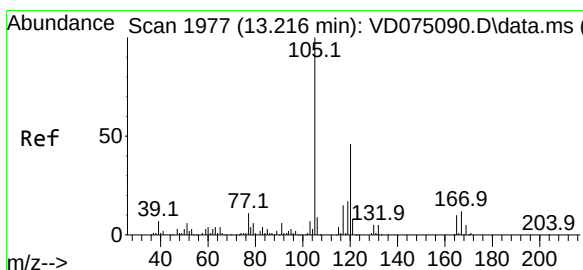
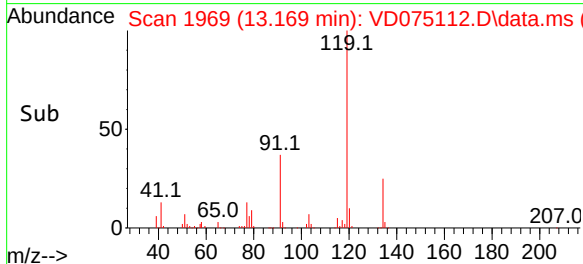
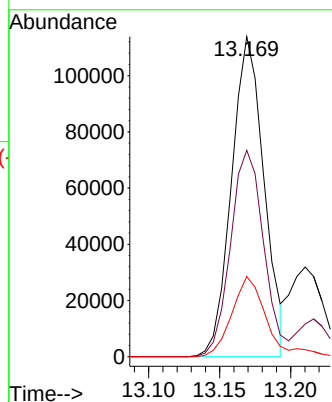
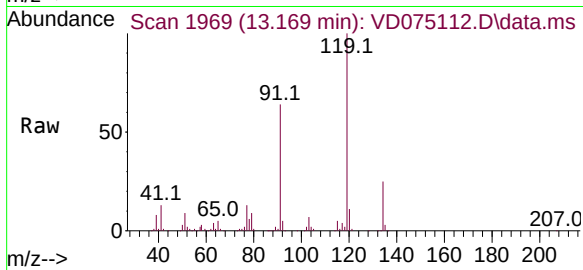
Tgt Ion:119 Resp: 181204

Ion Ratio Lower Upper

119 100

91 66.0 32.6 97.8

134 26.8 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 49.176 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075112.D

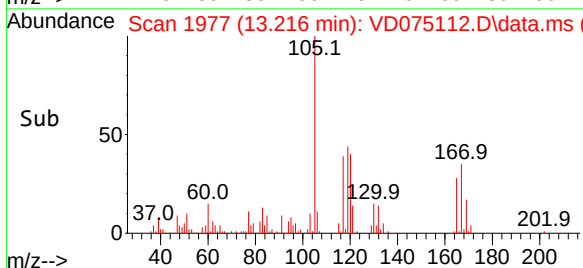
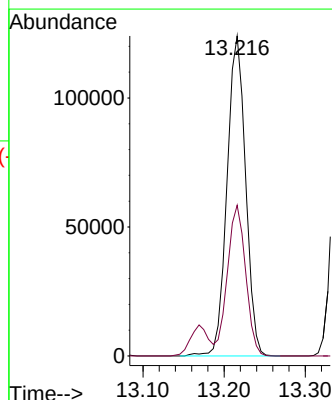
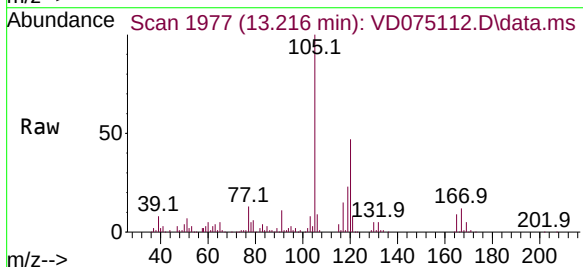
Acq: 10 Jan 2023 18:30

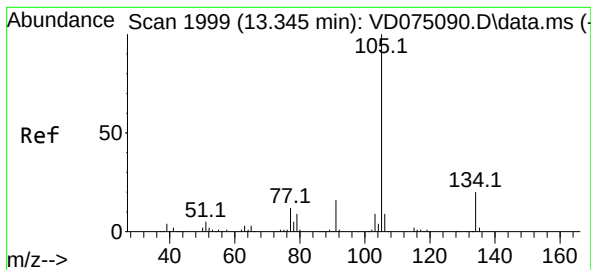
Tgt Ion:105 Resp: 197014

Ion Ratio Lower Upper

105 100

120 46.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 48.762 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

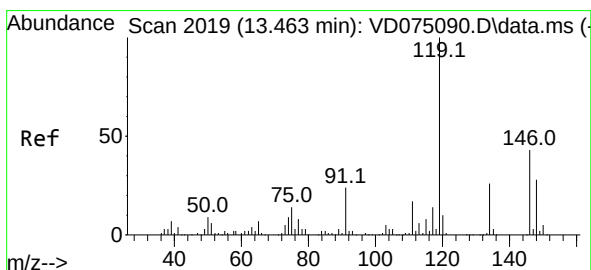
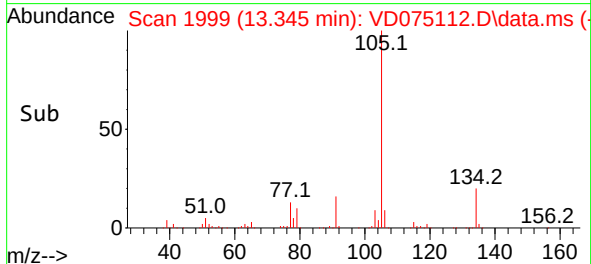
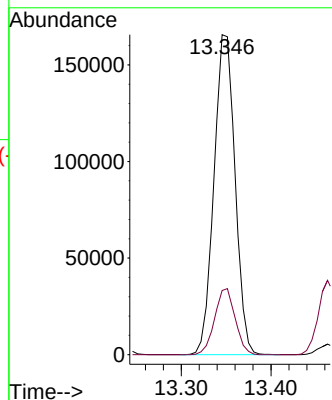
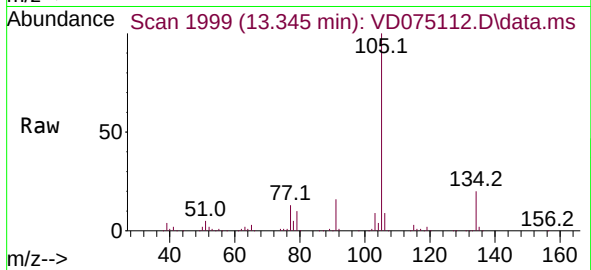
VSTDCCC050EC

Tgt Ion:105 Resp: 270317

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 48.307 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

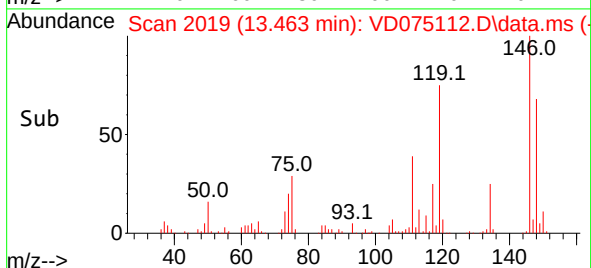
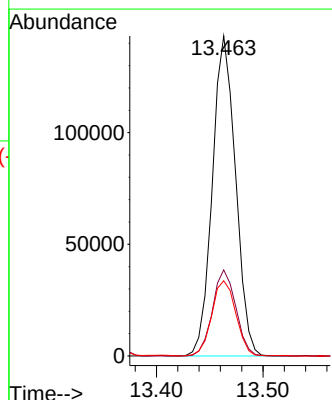
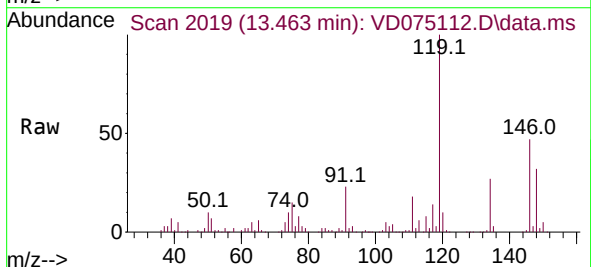
Tgt Ion:119 Resp: 216316

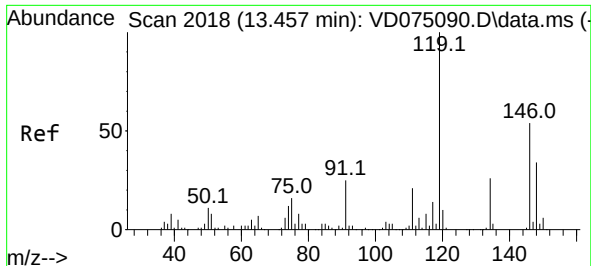
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.1

91 24.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.056 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

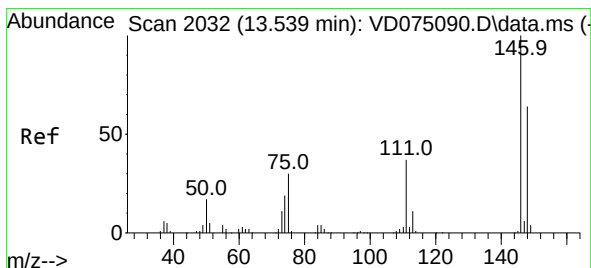
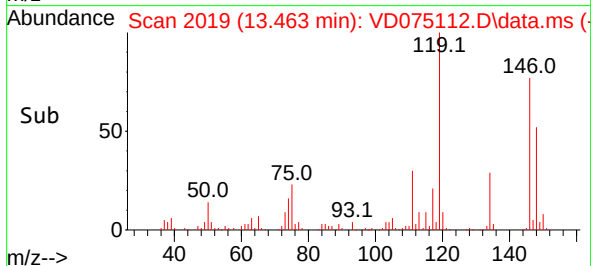
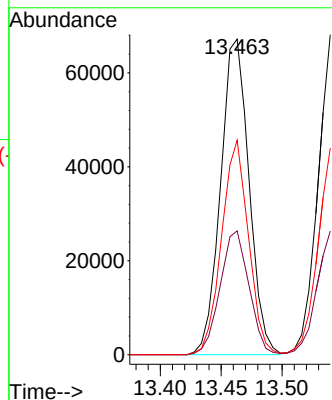
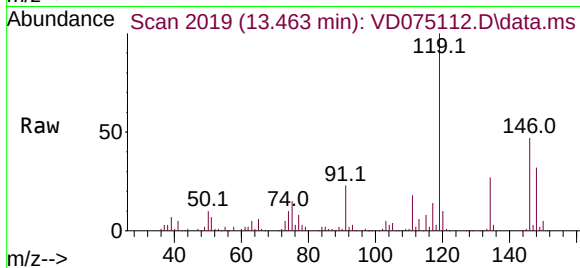
Tgt Ion:146 Resp: 109261

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.054 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

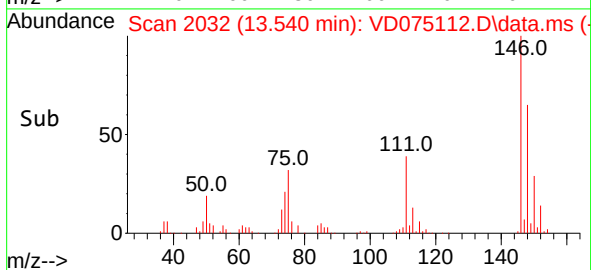
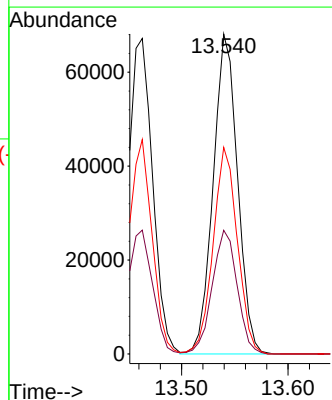
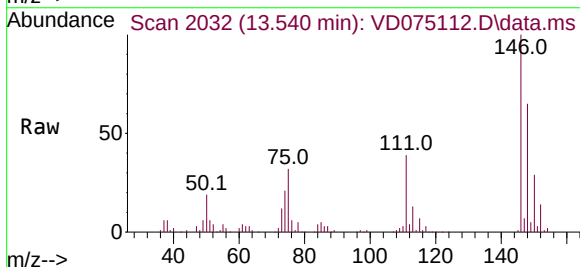
Tgt Ion:146 Resp: 108229

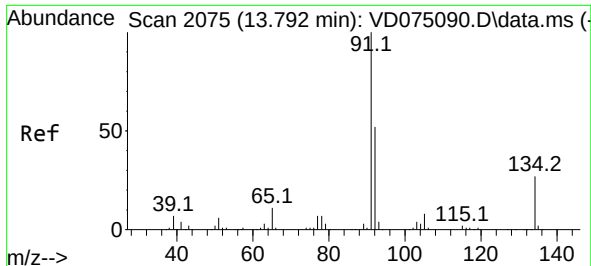
Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

148 64.4 31.4 94.0

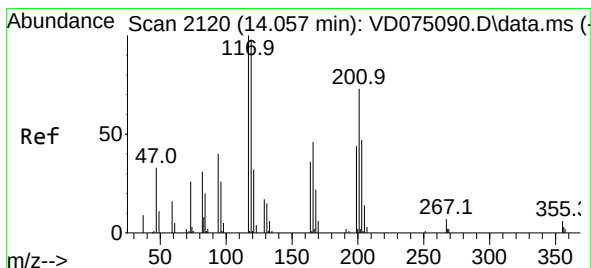
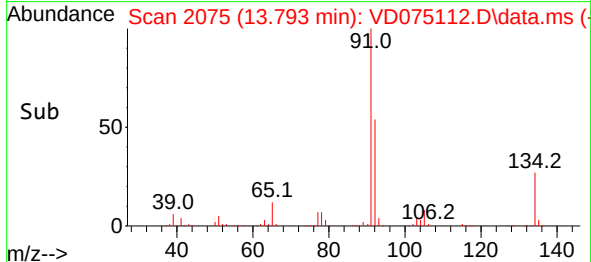
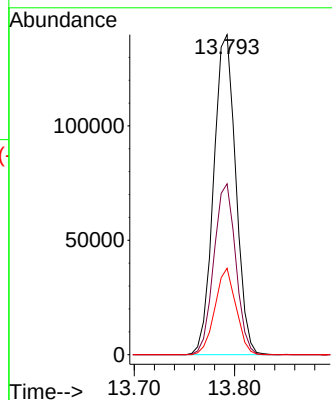
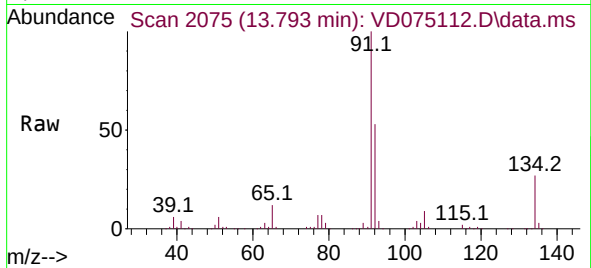




#89
n-Butylbenzene
Concen: 48.632 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

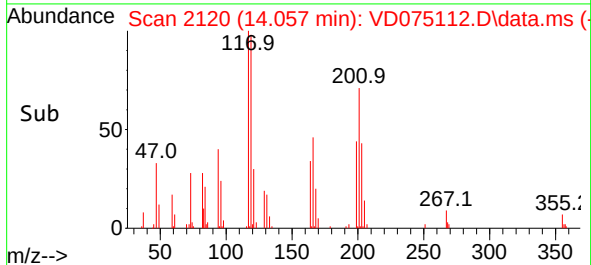
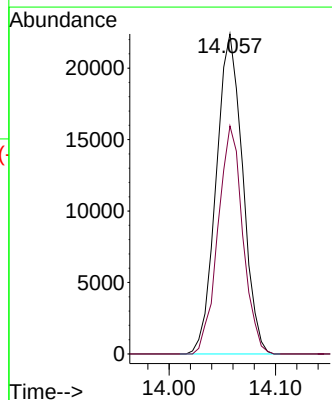
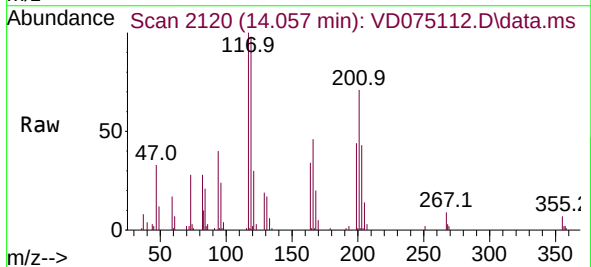
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

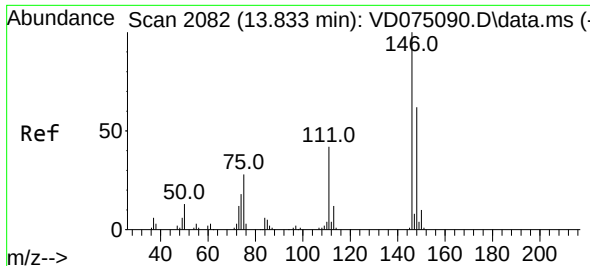
Tgt Ion: 91 Resp: 214173
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 25.8 13.2 39.6



#90
Hexachloroethane
Concen: 49.461 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion: 117 Resp: 38606
Ion Ratio Lower Upper
117 100
201 66.9 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 48.919 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

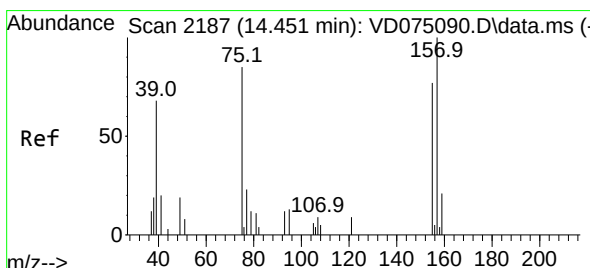
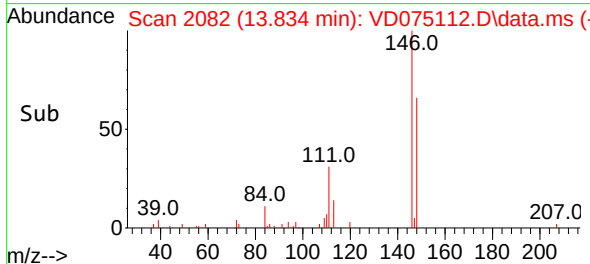
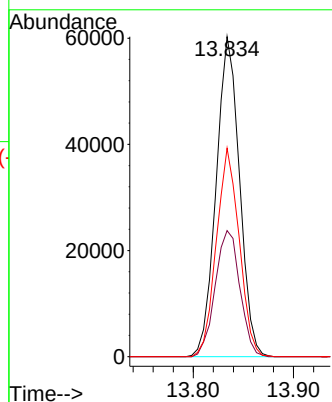
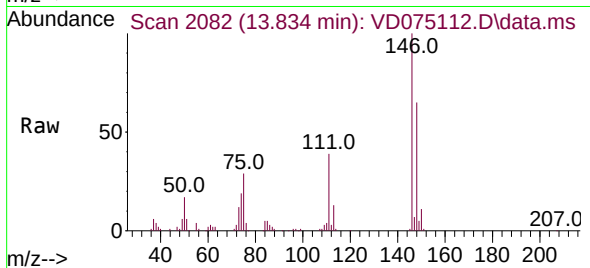
Tgt Ion:146 Resp: 97521

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.5

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.658 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

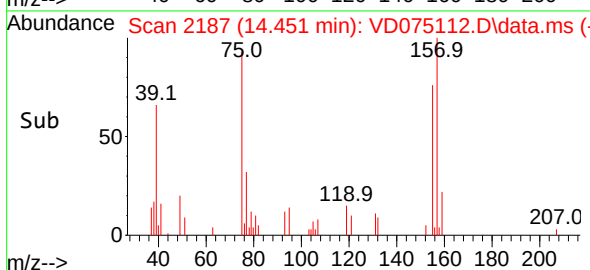
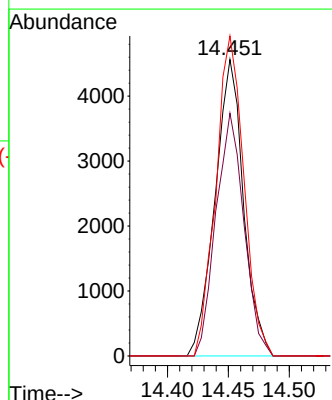
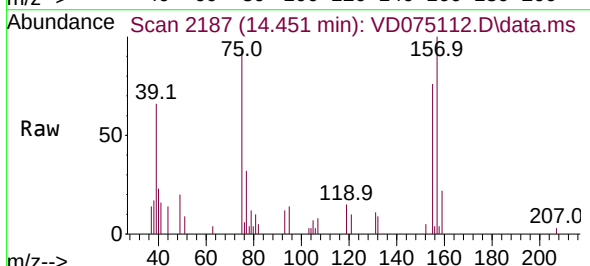
Tgt Ion: 75 Resp: 7416

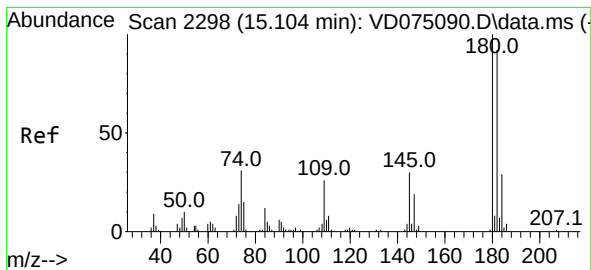
Ion Ratio Lower Upper

75 100

155 80.4 45.4 136.2

157 106.4 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 47.041 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

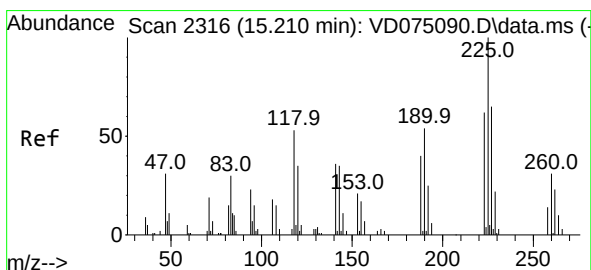
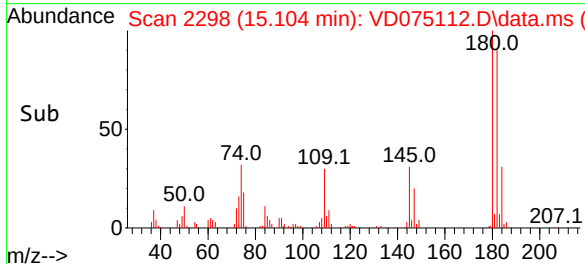
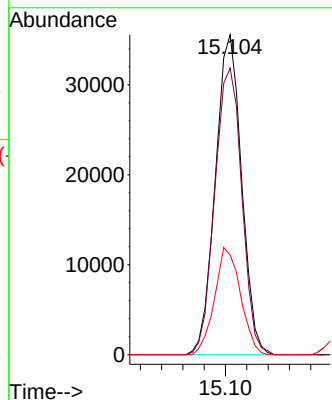
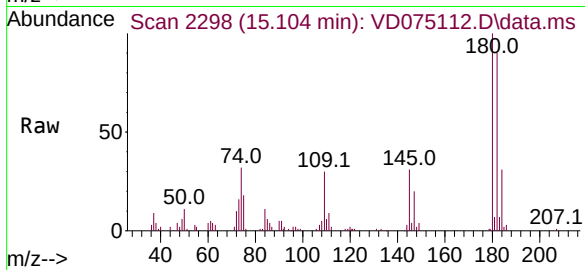
Tgt Ion:180 Resp: 60637

Ion Ratio Lower Upper

180 100

182 92.3 47.3 141.9

145 33.2 15.7 47.0



#94

Hexachlorobutadiene

Concen: 44.154 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075112.D

Acq: 10 Jan 2023 18:30

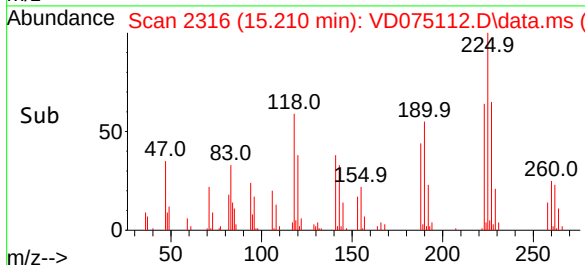
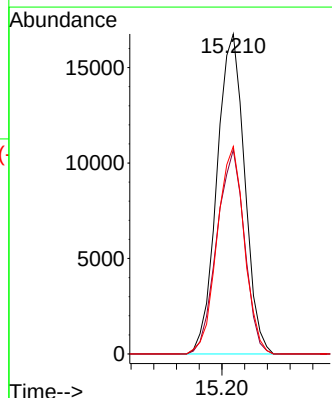
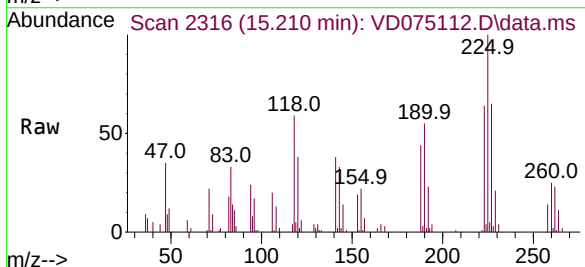
Tgt Ion:225 Resp: 28373

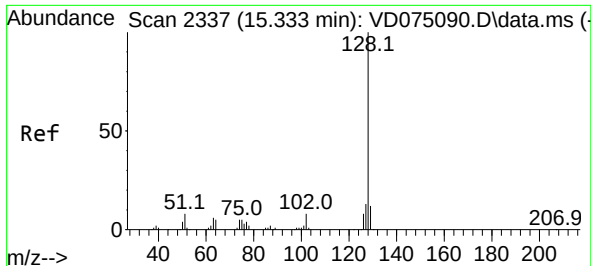
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.5

227 63.6 31.1 93.3

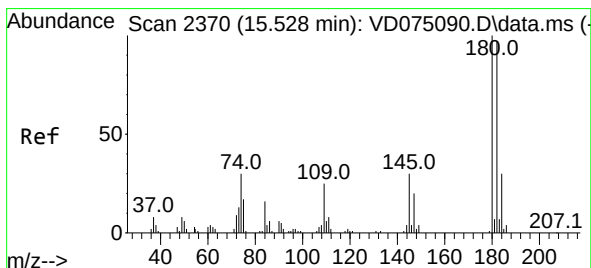
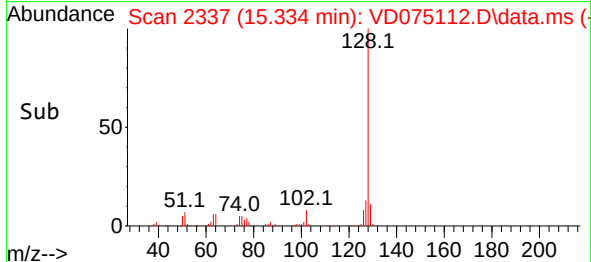
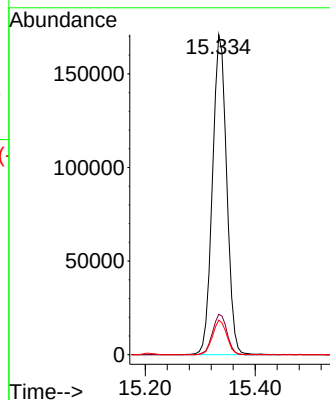
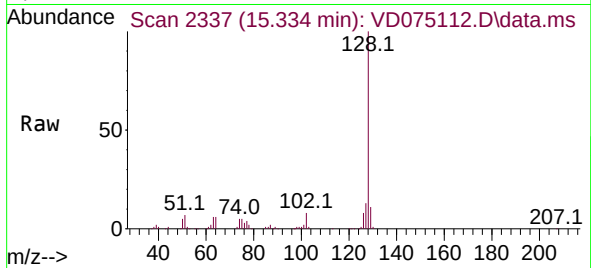




#95
Naphthalene
Concen: 121.437 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 307373
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.567 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075112.D
Acq: 10 Jan 2023 18:30

Tgt Ion:180 Resp: 54078
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.3
145 33.3 16.0 48.0

