

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078800.D
 Acq On : 29 Mar 2024 19:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 00:10:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	100152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52937	56.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.800%
35) Dibromofluoromethane	7.804	113	61149	58.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.269	98	217689	56.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.740%
62) 4-Bromofluorobenzene	12.575	95	68653	60.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44955	48.228	ug/l	94
3) Chloromethane	2.152	50	75254	51.132	ug/l	99
4) Vinyl Chloride	2.287	62	111609	51.406	ug/l	95
5) Bromomethane	2.693	94	101283	48.723	ug/l	97
6) Chloroethane	2.840	64	91545	54.068	ug/l	98
7) Trichlorofluoromethane	3.181	101	91960	53.540	ug/l	98
8) Diethyl Ether	3.599	74	29032	57.891	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	58298	54.082	ug/l	99
10) Methyl Iodide	4.163	142	71989	56.458	ug/l	95
11) Tert butyl alcohol	5.058	59	13543	322.420	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	54437	53.124	ug/l	92
13) Acrolein	3.799	56	9500	144.379	ug/l #	57
14) Allyl chloride	4.563	41	60316	52.751	ug/l	97
15) Acrylonitrile	5.252	53	64651	319.800	ug/l	96
16) Acetone	4.028	43	46697	257.287	ug/l	96
17) Carbon Disulfide	4.275	76	159795	47.568	ug/l	99
18) Methyl Acetate	4.569	43	28873	74.127	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	133195	64.453	ug/l	98
20) Methylene Chloride	4.805	84	79399	65.696	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	67681	55.974	ug/l	97
22) Diisopropyl ether	6.222	45	158058	60.801	ug/l	98
23) Vinyl Acetate	6.157	43	470465	309.391	ug/l	98
24) 1,1-Dichloroethane	6.116	63	112169	57.551	ug/l	97
25) 2-Butanone	7.081	43	69981	290.013	ug/l	99
26) 2,2-Dichloropropane	7.075	77	87788	53.237	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	78214	56.714	ug/l	99
28) Bromochloromethane	7.428	49	40720	58.602	ug/l	94
29) Tetrahydrofuran	7.446	42	44520	339.211	ug/l	98
30) Chloroform	7.599	83	125775	57.878	ug/l	95
31) Cyclohexane	7.881	56	77379	49.049	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	103247	55.998	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86927	57.054	ug/l	99
37) Ethyl Acetate	7.175	43	30510	61.297	ug/l	97
38) Carbon Tetrachloride	7.993	117	94190	58.640	ug/l	99
39) Methylcyclohexane	9.275	83	101069	57.184	ug/l	95
40) Benzene	8.251	78	272122	59.084	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15053m	57.710	ug/l	
42) 1,2-Dichloroethane	8.322	62	72016	64.118	ug/l	97
43) Isopropyl Acetate	8.363	43	60280	66.593	ug/l	99
44) Trichloroethene	9.028	130	74193	59.360	ug/l	92
45) 1,2-Dichloropropane	9.304	63	68187	62.411	ug/l	96
46) Dibromomethane	9.393	93	42792	65.338	ug/l	97
47) Bromodichloromethane	9.587	83	100489	64.452	ug/l	93
48) Methyl methacrylate	9.381	41	27308	61.915	ug/l	93
49) 1,4-Dioxane	9.393	88	7473	1232.363	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	165431	349.579	ug/l	99
52) Toluene	10.334	92	179381	60.496	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	91743	64.358	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	108415	63.264	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	57544	65.612	ug/l	96
56) Ethyl methacrylate	10.598	69	60644	68.976	ug/l	97
57) 1,3-Dichloropropane	10.875	76	92207	65.156	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	135531	349.598	ug/l	100
59) 2-Hexanone	10.922	43	114946	327.660	ug/l	99
60) Dibromochloromethane	11.075	129	74029	68.445	ug/l	99
61) 1,2-Dibromoethane	11.175	107	55532	65.428	ug/l	100
64) Tetrachloroethene	10.810	164	62244	58.828	ug/l	96
65) Chlorobenzene	11.604	112	197866	59.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	76783	62.751	ug/l	99
67) Ethyl Benzene	11.681	91	345030	60.600	ug/l	100
68) m/p-Xylenes	11.792	106	283432	122.594	ug/l	98
69) o-Xylene	12.122	106	131362	61.410	ug/l	96
70) Styrene	12.134	104	232097	64.644	ug/l	99
71) Bromoform	12.298	173	44659	67.535	ug/l #	94
73) Isopropylbenzene	12.422	105	336615	55.332	ug/l	99
74) N-amyl acetate	12.234	43	58811	59.542	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	66754	59.275	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	42269m	59.377	ug/l	
77) Bromobenzene	12.698	156	90951	60.285	ug/l	94
78) n-propylbenzene	12.763	91	412184	55.662	ug/l	100
79) 2-Chlorotoluene	12.851	91	222840	54.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	288114	57.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20407	60.090	ug/l	100
82) 4-Chlorotoluene	12.945	91	240995	56.088	ug/l	99
83) tert-Butylbenzene	13.169	119	255113	58.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	294480	58.085	ug/l	97
85) sec-Butylbenzene	13.345	105	380136	57.908	ug/l	100
86) p-Isopropyltoluene	13.463	119	323762	57.613	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	180222	56.607	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	178645	56.936	ug/l	99
89) n-Butylbenzene	13.786	91	289506	57.043	ug/l	98
90) Hexachloroethane	14.057	117	64119	55.142	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	158416	57.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8940	59.342	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	91051	56.897	ug/l	99
94) Hexachlorobutadiene	15.204	225	49792	57.473	ug/l	98
95) Naphthalene	15.333	128	176714	63.514	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	84424	60.981	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

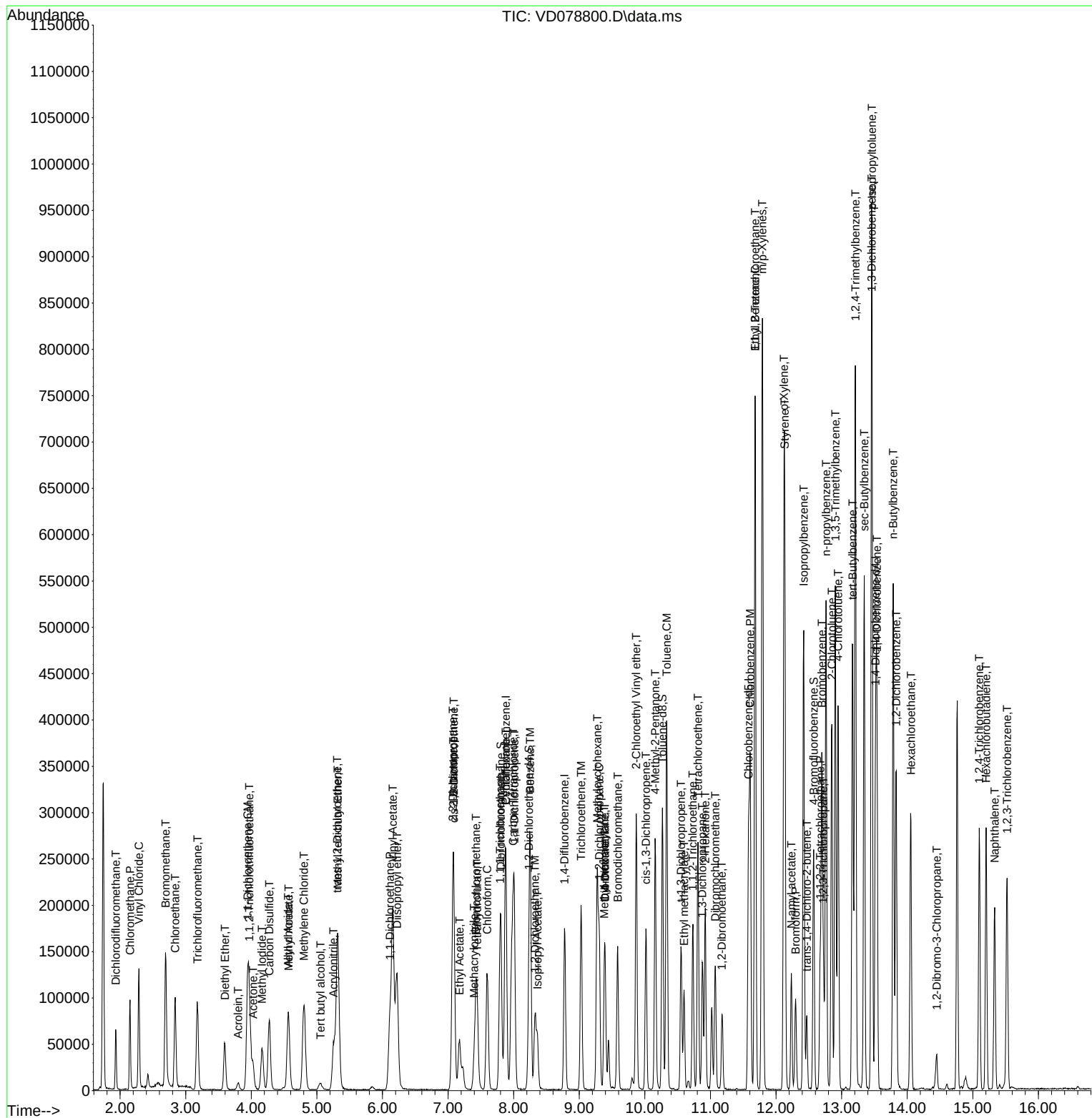
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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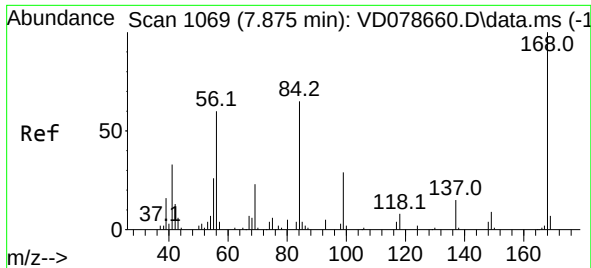
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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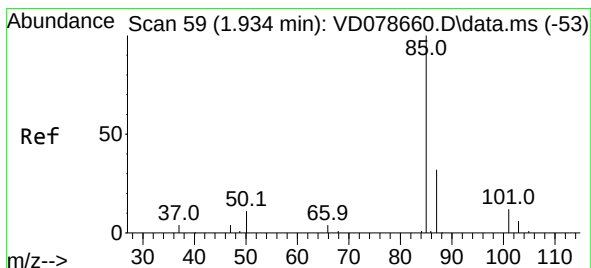
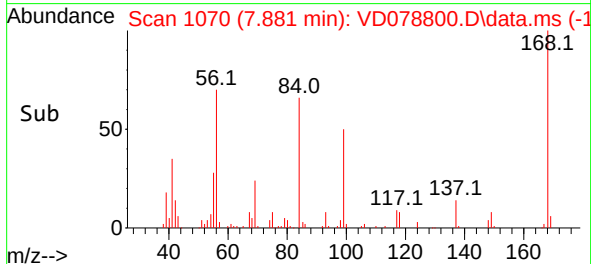
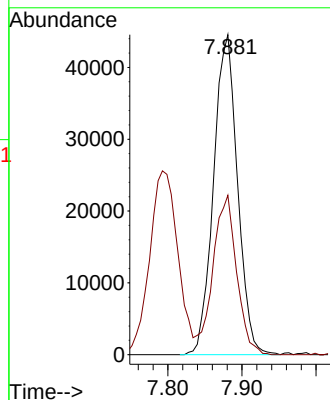
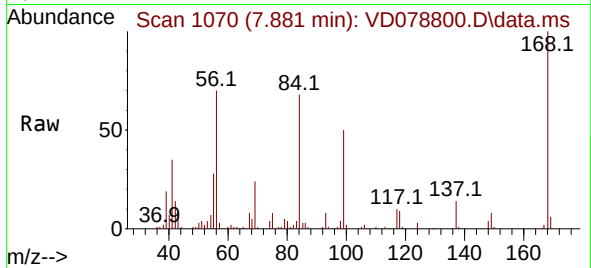




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078800.D
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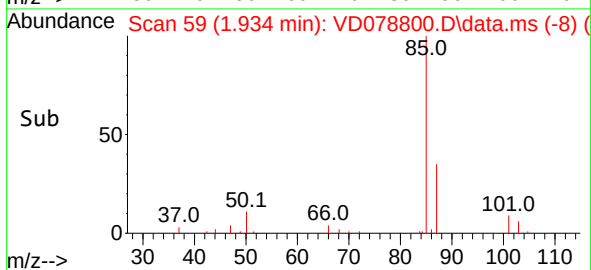
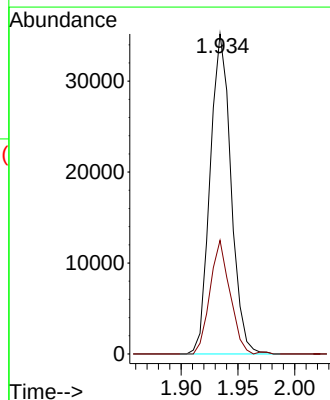
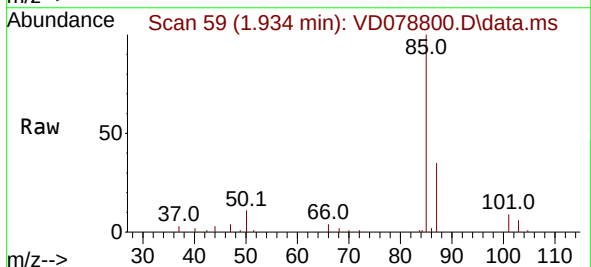
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

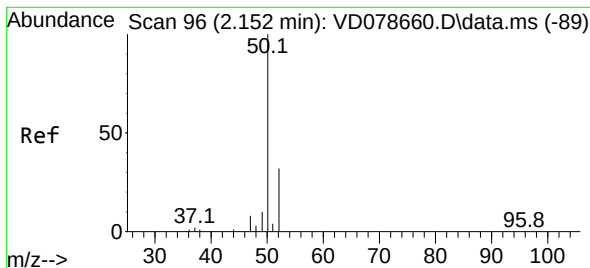
Tgt Ion:168 Resp: 100152
Ion Ratio Lower Upper
168 100
99 49.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 48.228 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 85 Resp: 44955
Ion Ratio Lower Upper
85 100
87 35.5 16.2 48.5





#3

Chloromethane

Concen: 51.132 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

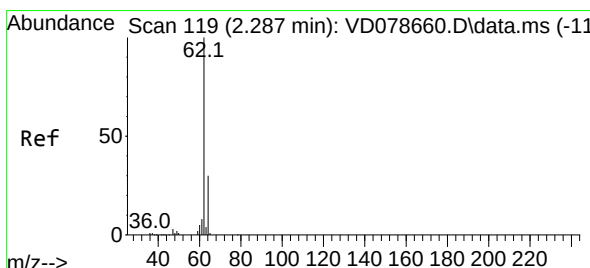
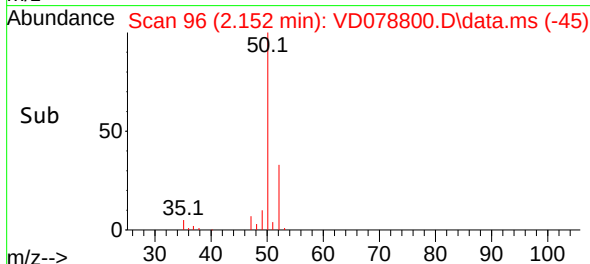
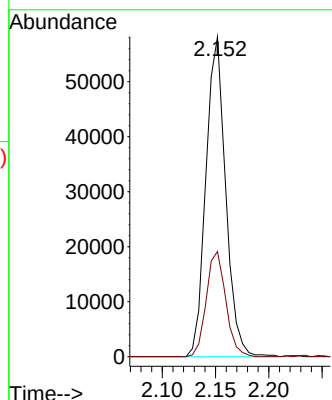
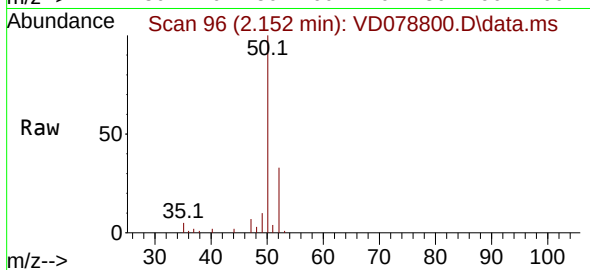
VSTDCCC050EC

Tgt Ion: 50 Resp: 75254

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 51.406 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078800.D

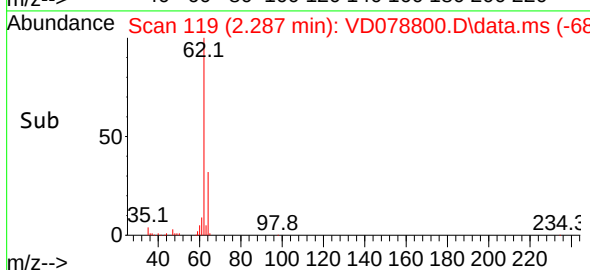
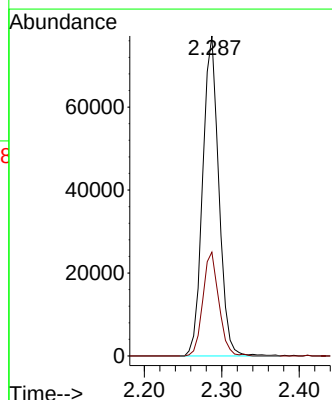
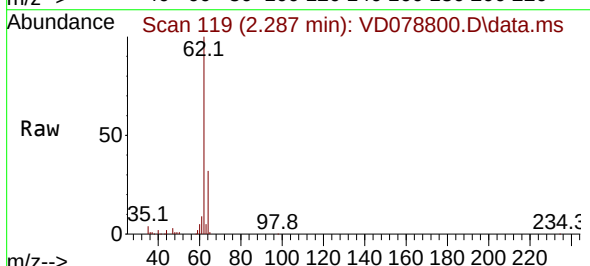
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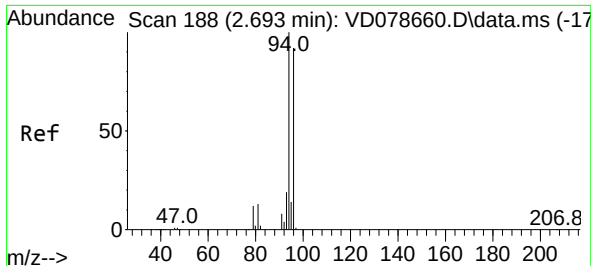
Tgt Ion: 62 Resp: 111609

Ion Ratio Lower Upper

62 100

64 32.4 23.7 35.5

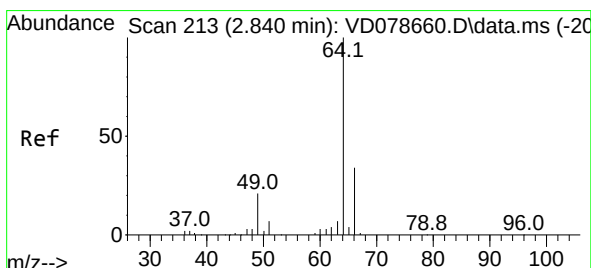
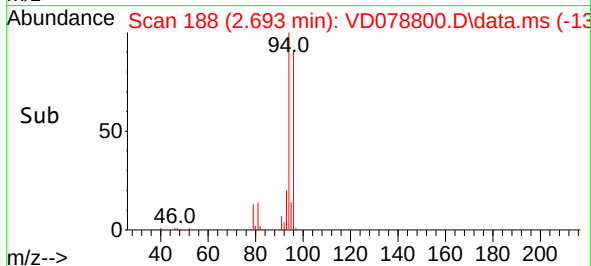
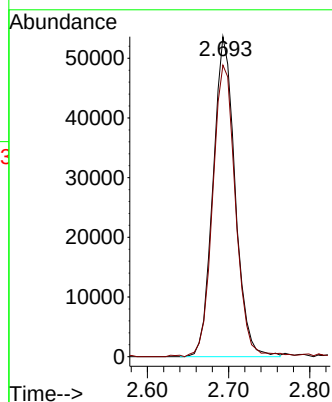
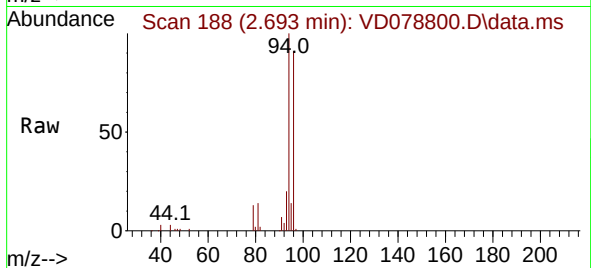




#5
Bromomethane
Concen: 48.723 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

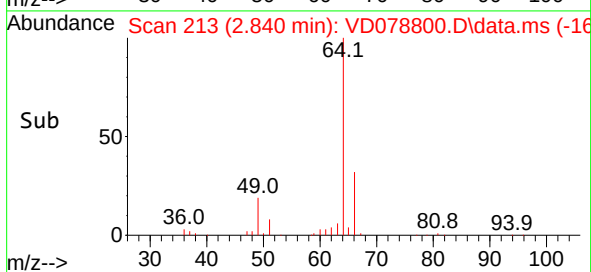
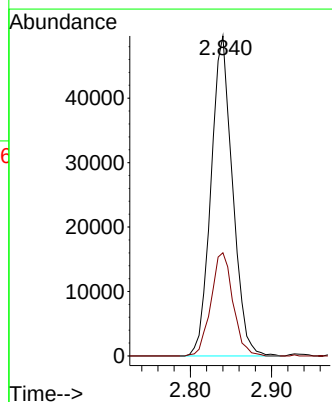
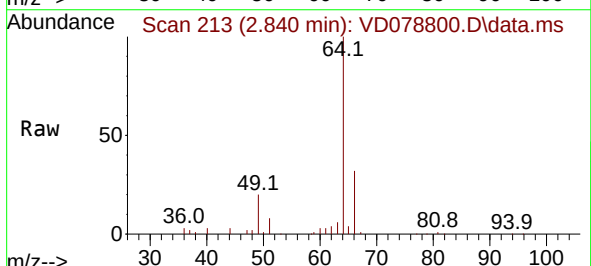
Instrument :
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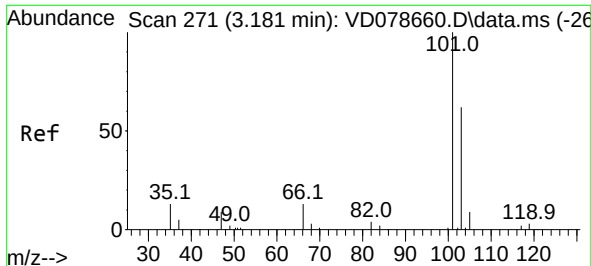
Tgt Ion: 94 Resp: 101283
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3



#6
Chloroethane
Concen: 54.068 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 64 Resp: 91545
Ion Ratio Lower Upper
64 100
66 32.3 26.8 40.2

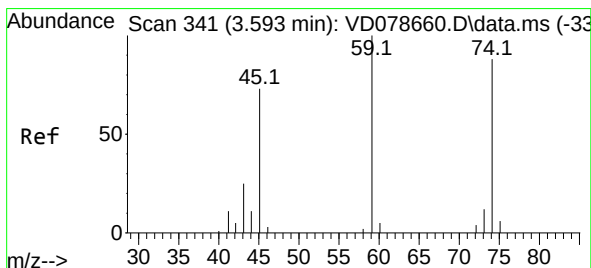
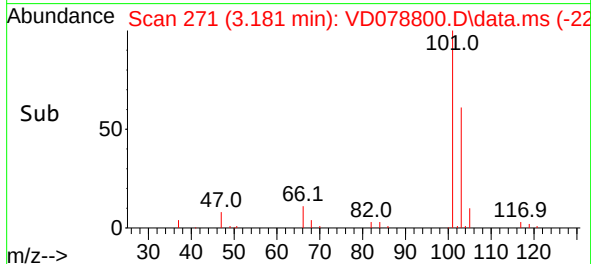
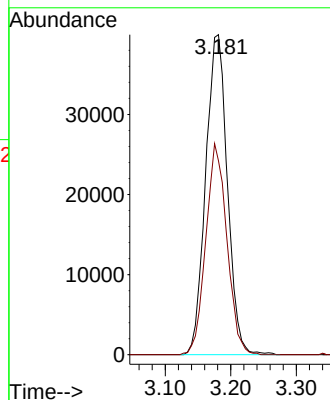
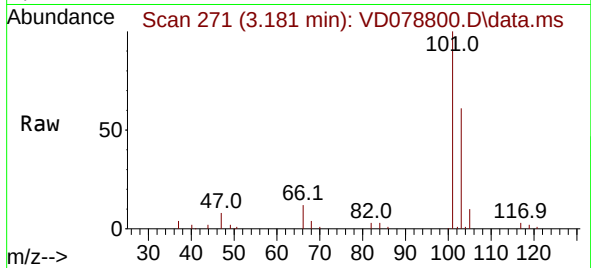




#7
Trichlorofluoromethane
Concen: 53.540 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

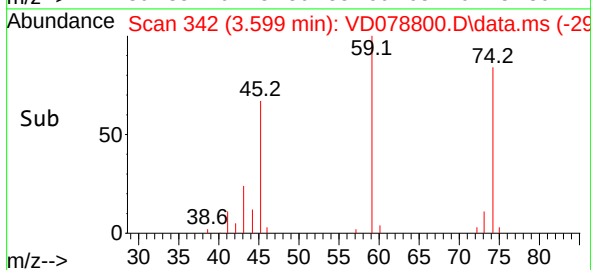
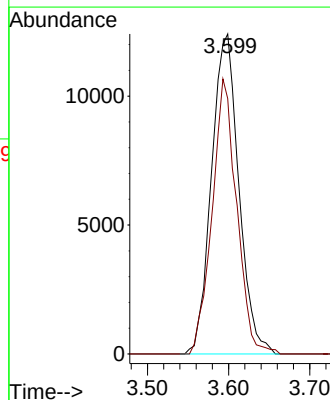
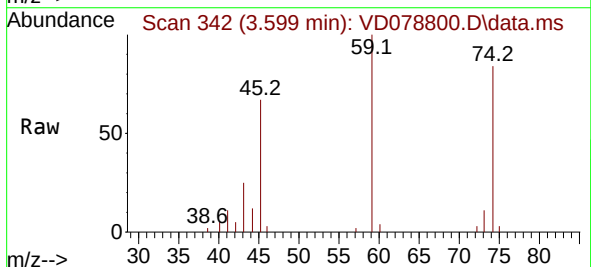
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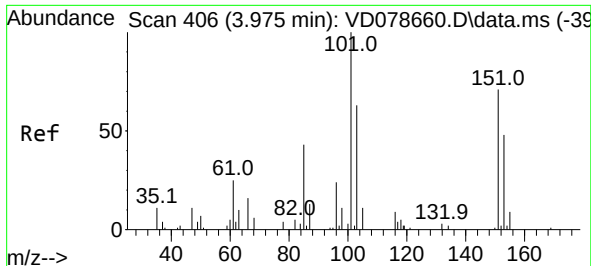
Tgt Ion:101 Resp: 91960
Ion Ratio Lower Upper
101 100
103 60.7 49.7 74.5



#8
Diethyl Ether
Concen: 57.891 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 74 Resp: 29032
Ion Ratio Lower Upper
74 100
45 77.4 42.4 127.3

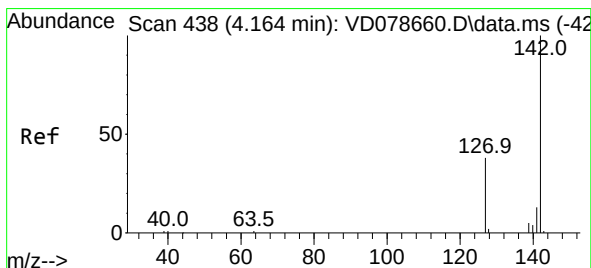
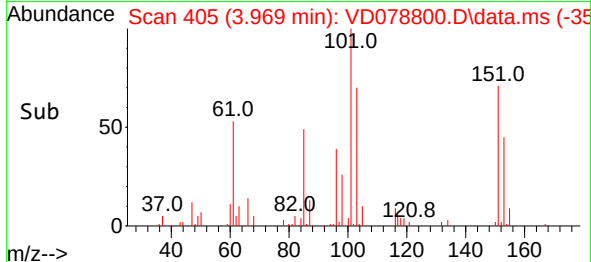
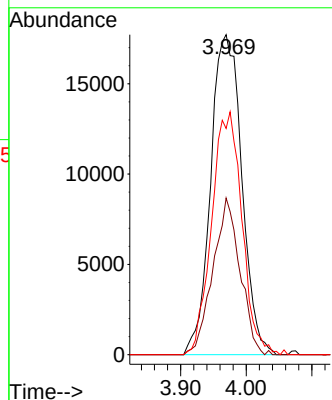
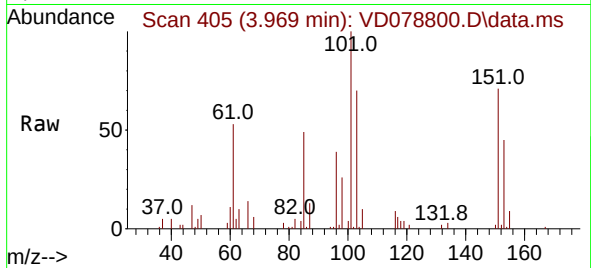




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.082 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

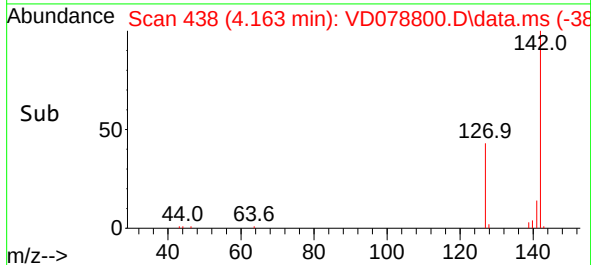
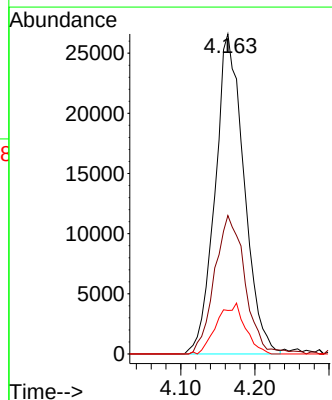
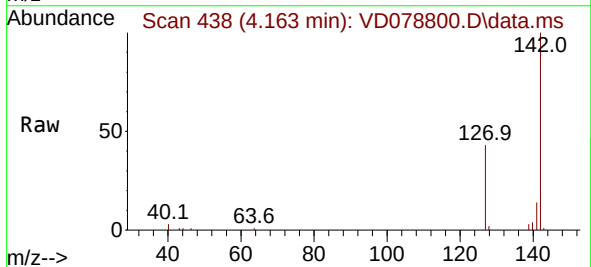
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

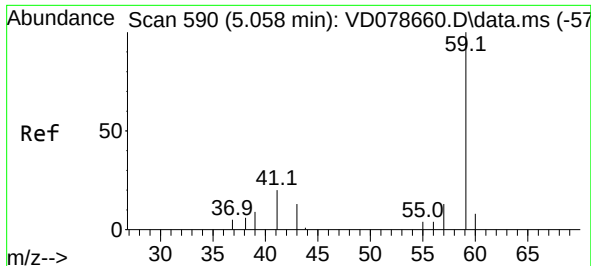
Tgt Ion:101 Resp: 58298
Ion Ratio Lower Upper
101 100
85 42.8 35.8 53.6
151 73.9 59.4 89.2



#10
Methyl Iodide
Concen: 56.458 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:142 Resp: 71989
Ion Ratio Lower Upper
142 100
127 45.9 33.5 50.3
141 15.6 11.7 17.5

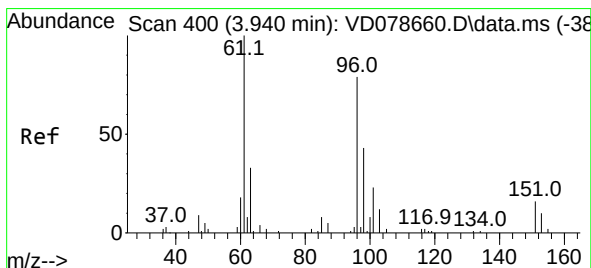
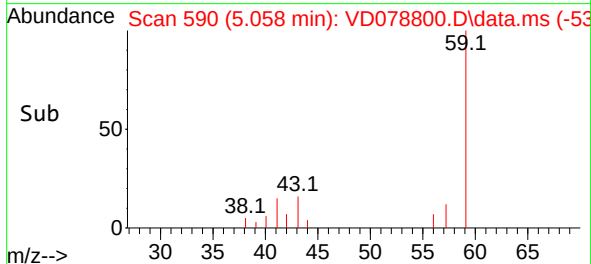
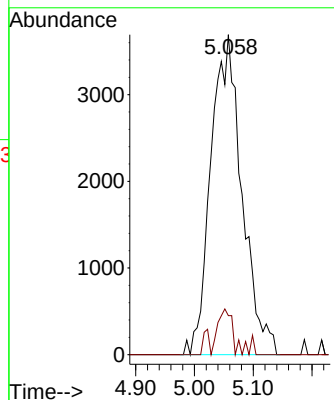
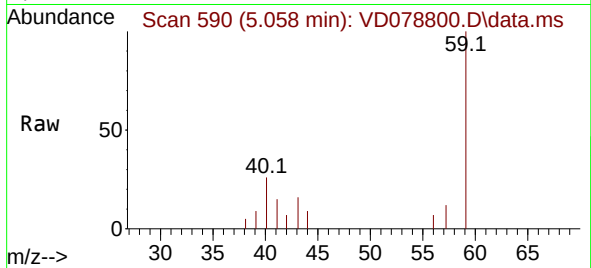




#11
Tert butyl alcohol
Concen: 322.420 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

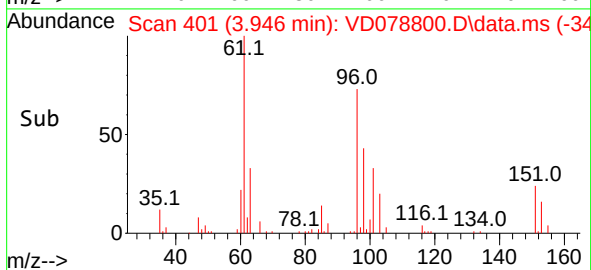
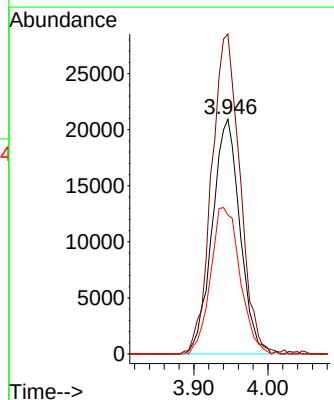
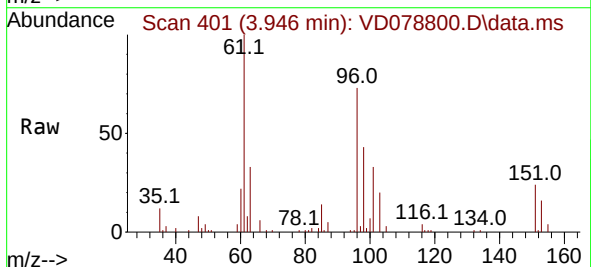
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

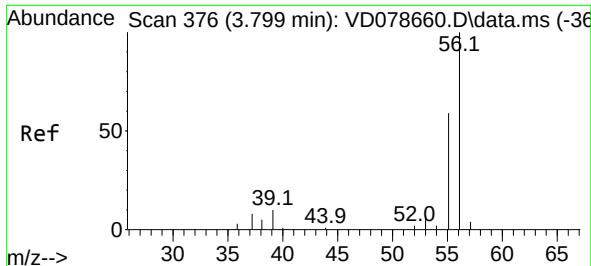
Tgt Ion: 59 Resp: 13543
Ion Ratio Lower Upper
59 100
57 6.7 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 53.124 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 96 Resp: 54437
Ion Ratio Lower Upper
96 100
61 136.3 101.4 152.0
98 59.2 43.4 65.0

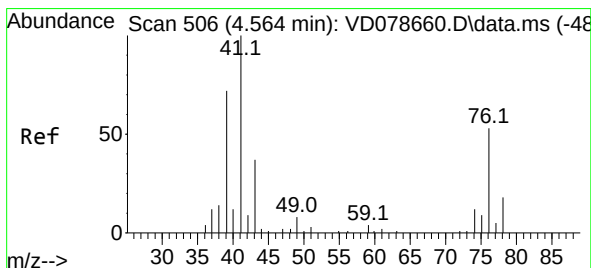
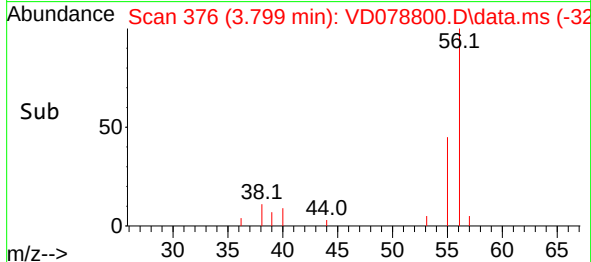
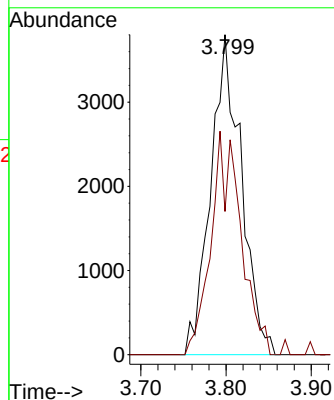
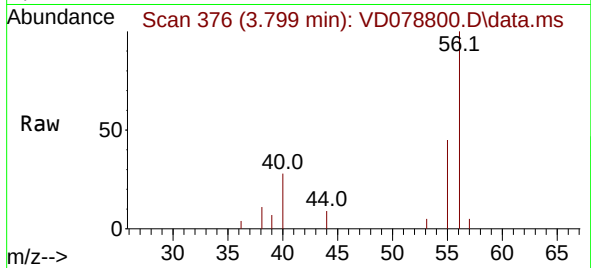




#13
Acrolein
Concen: 144.379 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

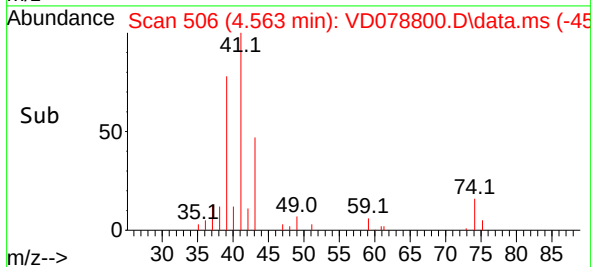
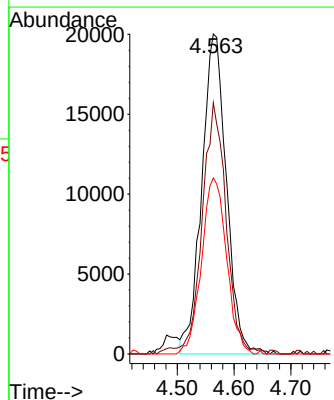
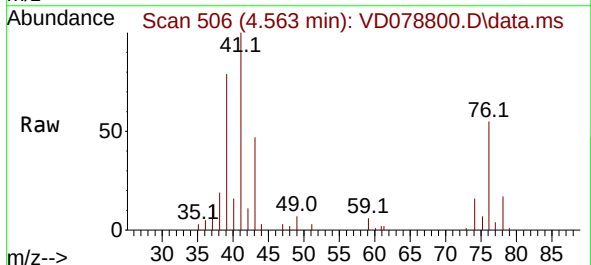
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

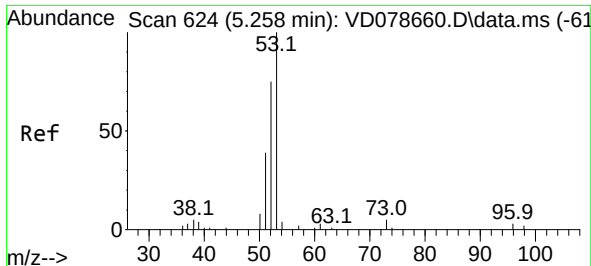
Tgt Ion: 56 Resp: 9500
Ion Ratio Lower Upper
56 100
55 34.0 54.9 82.3#



#14
Allyl chloride
Concen: 52.751 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 41 Resp: 60316
Ion Ratio Lower Upper
41 100
39 76.7 57.8 86.6
76 55.7 44.8 67.2

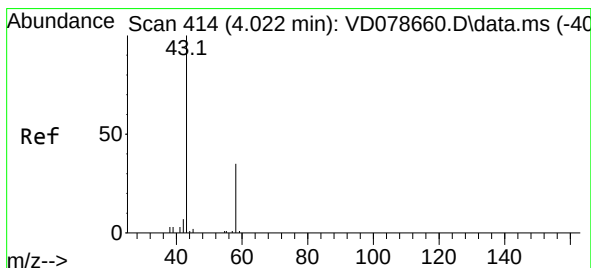
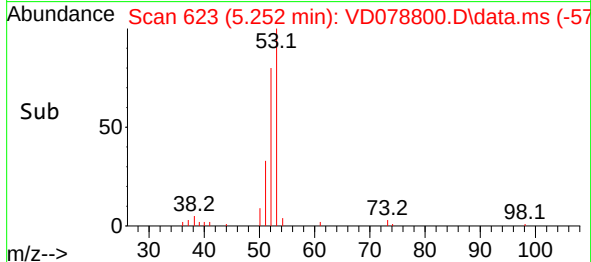
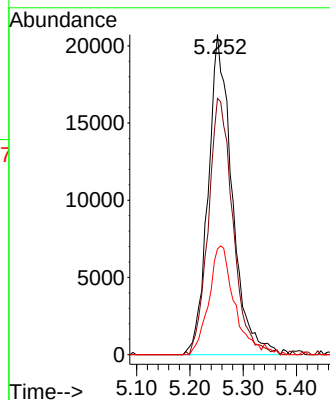
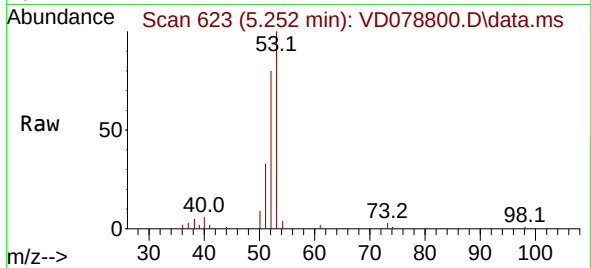




#15
Acrylonitrile
Concen: 319.800 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

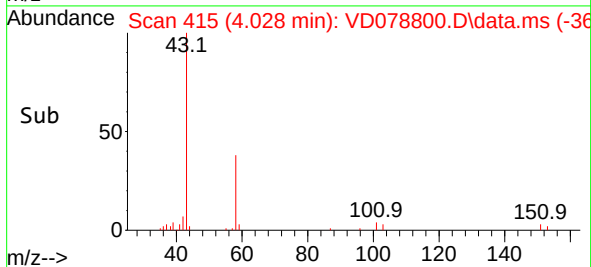
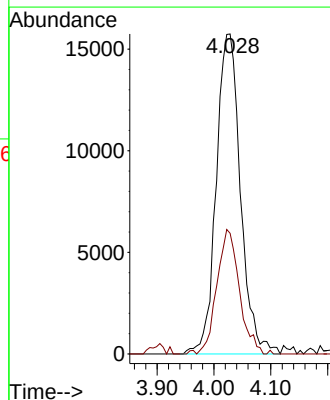
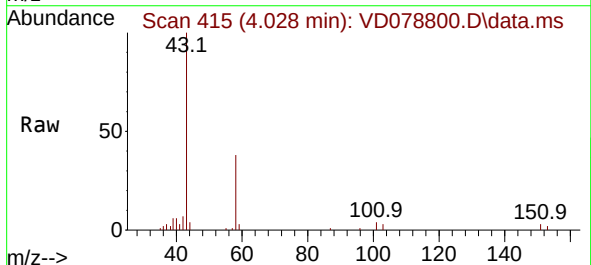
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

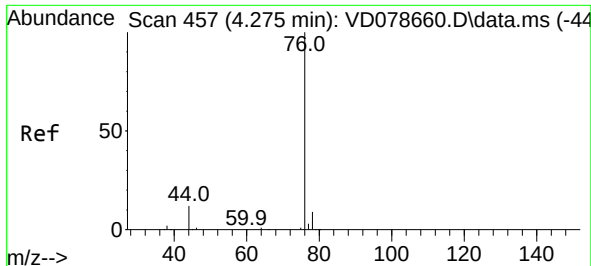
Tgt Ion:	53	Resp:	64651
Ion	Ratio	Lower	Upper
53	100		
52	82.3	61.9	92.9
51	35.8	29.0	43.4



#16
Acetone
Concen: 257.287 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:	43	Resp:	46697
Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.2	42.4

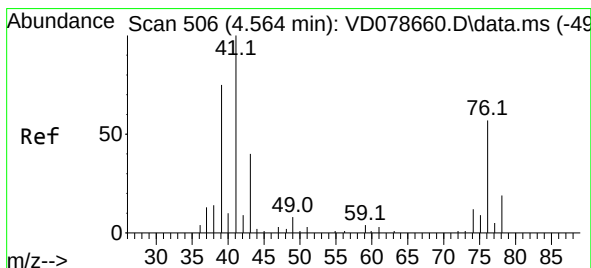
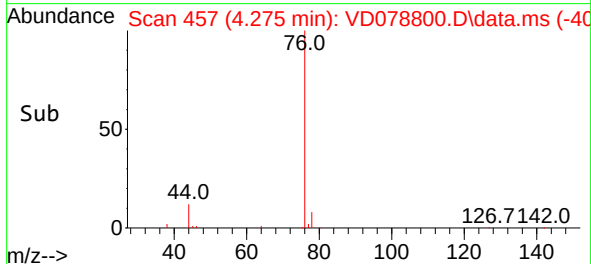
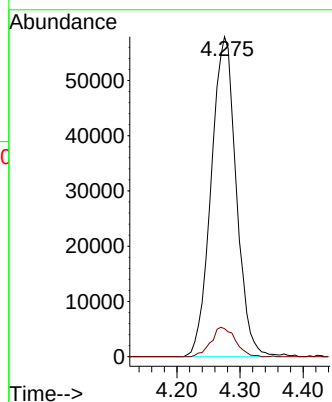
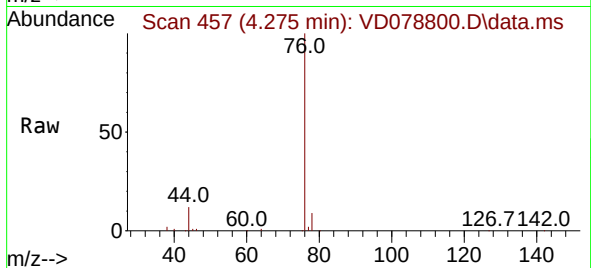




#17
Carbon Disulfide
Concen: 47.568 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

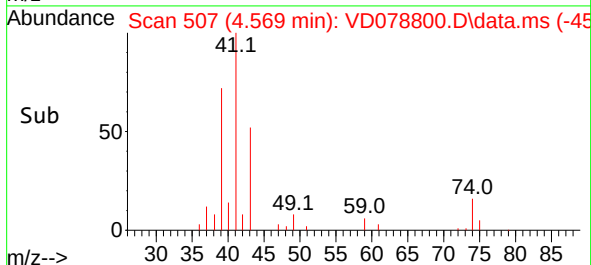
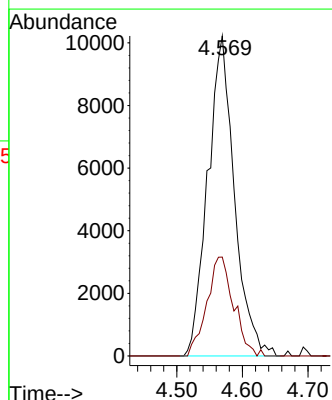
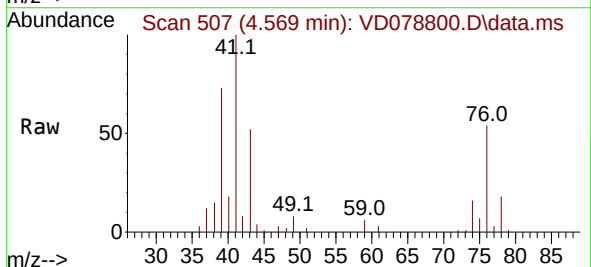
Instrument :
MSVOA_D
ClientSampleId :
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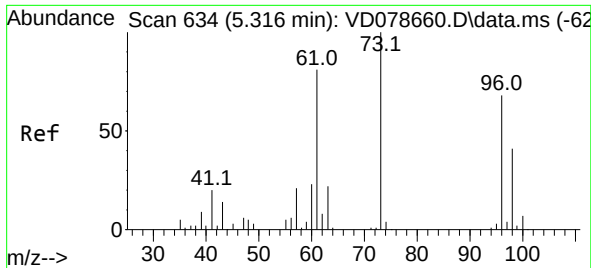
Tgt Ion: 76 Resp: 159795
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 74.127 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 43 Resp: 28873
Ion Ratio Lower Upper
43 100
74 31.0 25.3 37.9

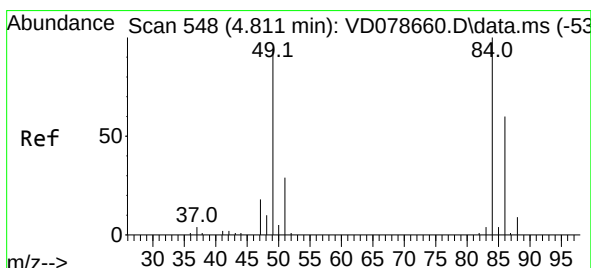
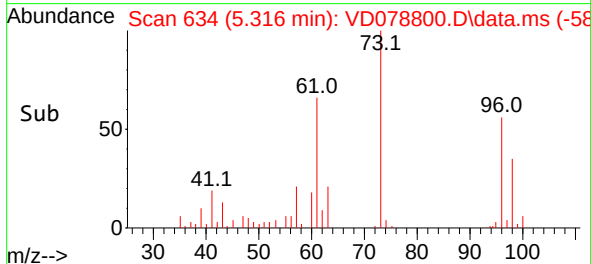
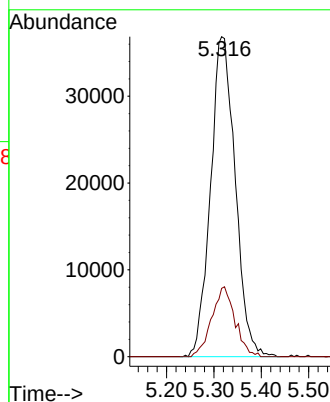
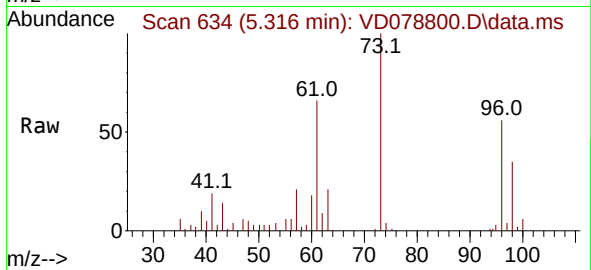




#19
Methyl tert-butyl Ether
Concen: 64.453 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

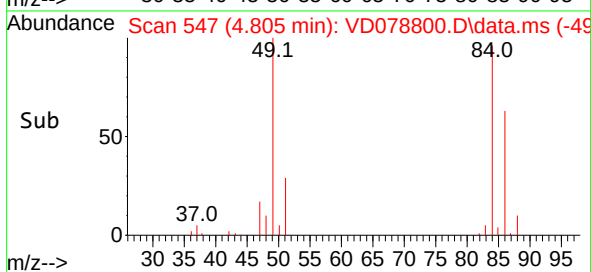
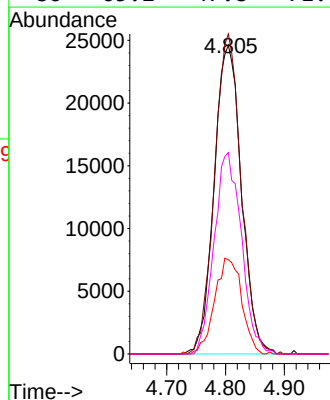
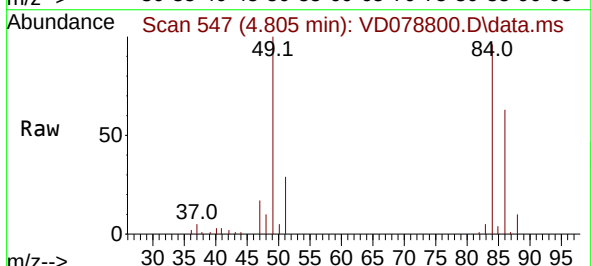
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

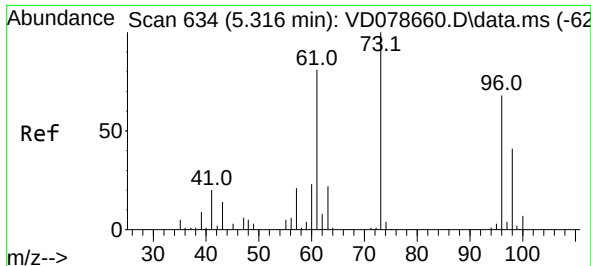
Tgt Ion: 73 Resp: 133195
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 65.696 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 84 Resp: 79399
Ion Ratio Lower Upper
84 100
49 103.6 75.6 113.4
51 30.5 23.4 35.0
86 65.2 47.8 71.6

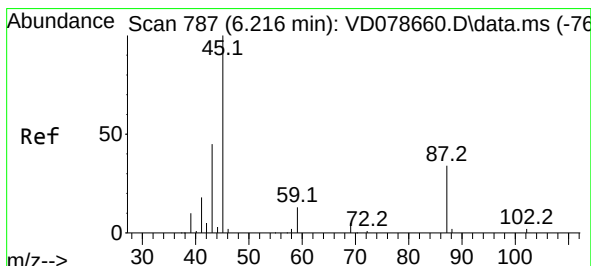
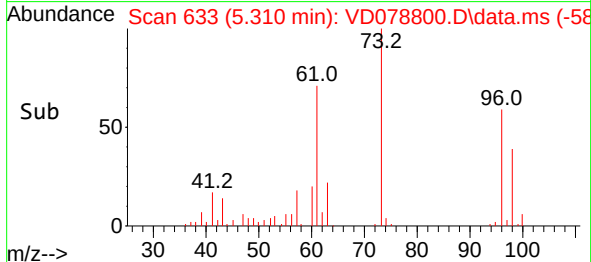
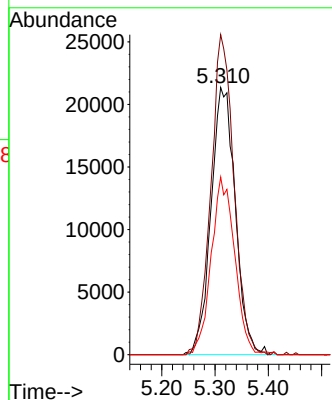
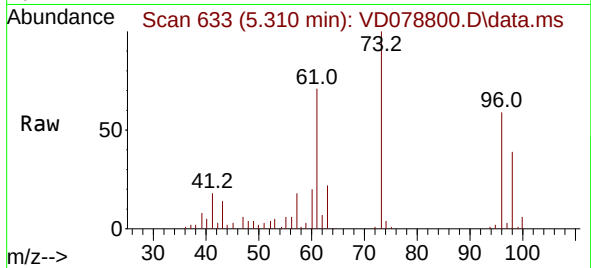




#21
trans-1,2-Dichloroethene
Concen: 55.974 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

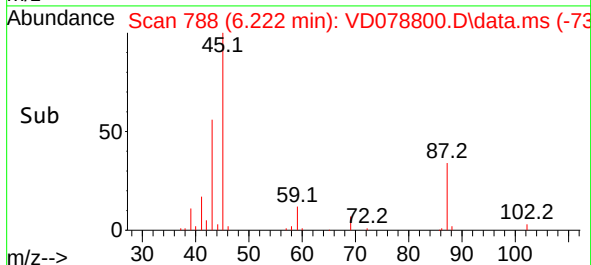
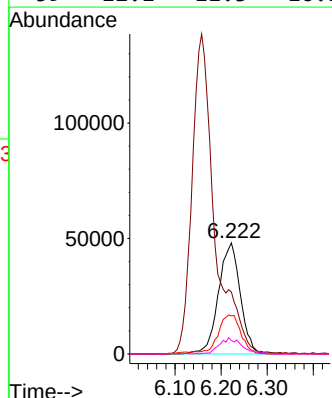
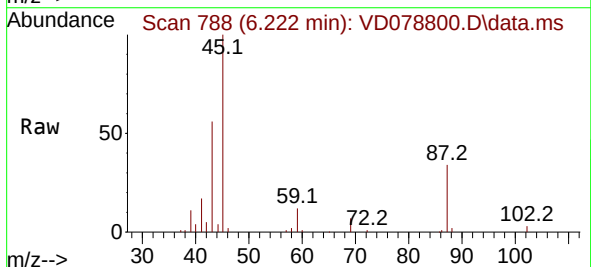
Instrument :
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ClientSampleId :
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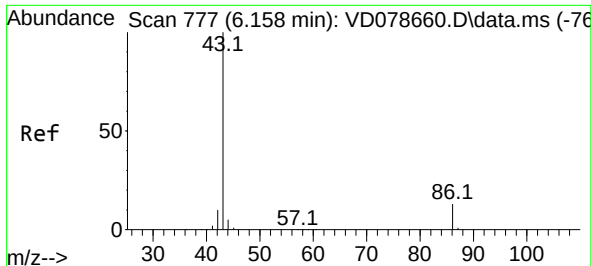
Tgt Ion: 96 Resp: 67681
Ion Ratio Lower Upper
96 100
61 119.8 96.1 144.1
98 66.5 48.9 73.3



#22
Diisopropyl ether
Concen: 60.801 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 45 Resp: 158058
Ion Ratio Lower Upper
45 100
43 54.3 44.3 66.5
87 34.2 28.3 42.5
59 12.1 11.3 16.9

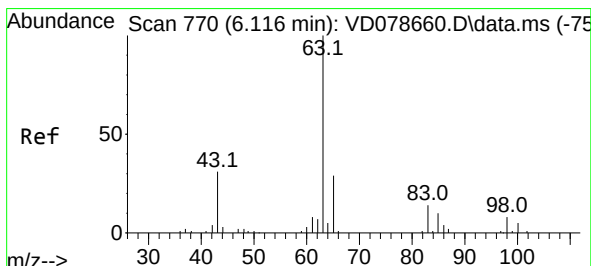
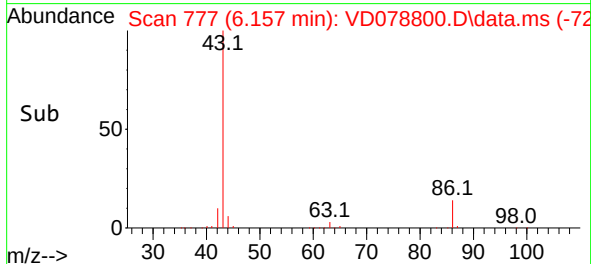
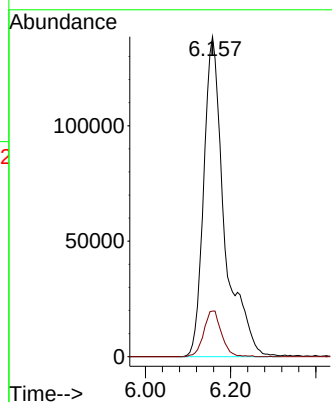
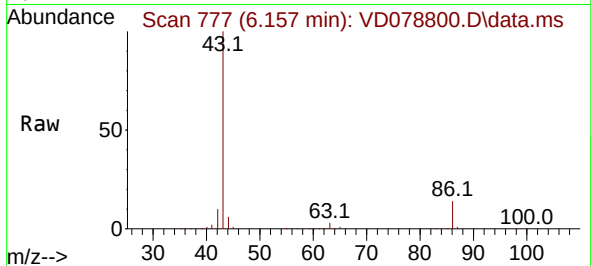




#23
 Vinyl Acetate
 Concen: 309.391 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

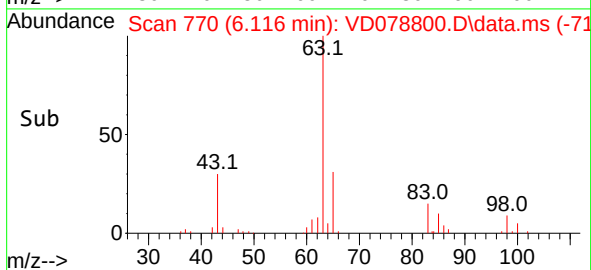
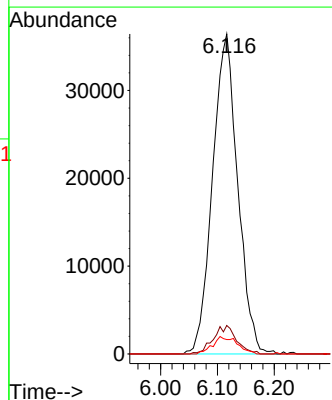
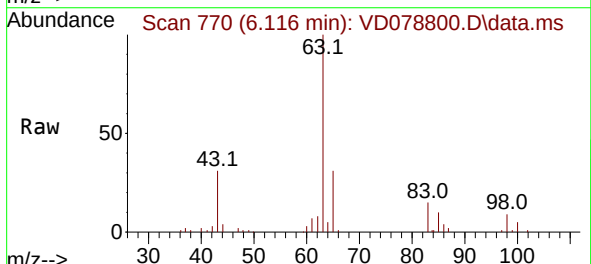
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

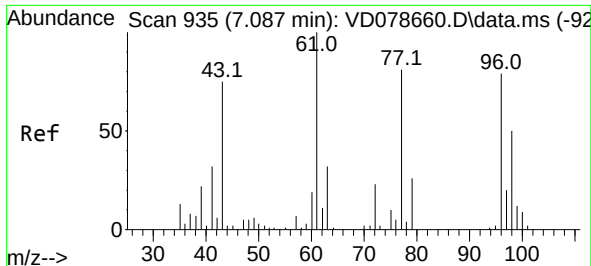
Tgt Ion: 43 Resp: 470465
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 57.551 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

Tgt Ion: 63 Resp: 112169
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 11.9
 100 4.5 2.7 8.1

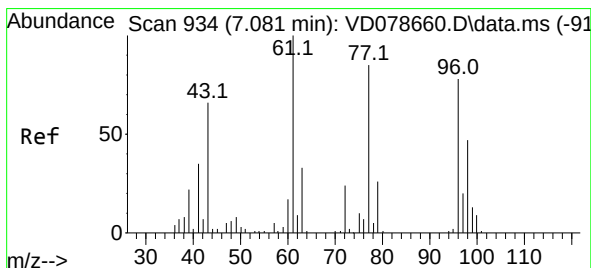
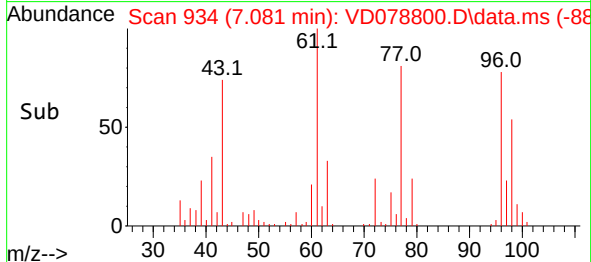
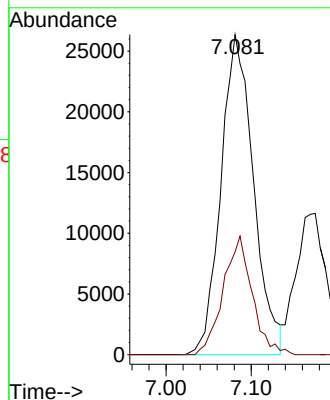
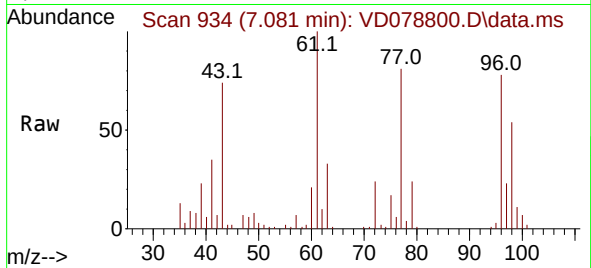




#25
2-Butanone
Concen: 290.013 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

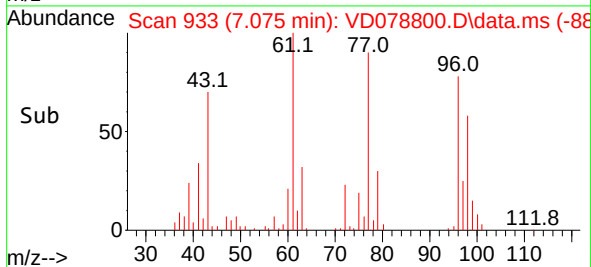
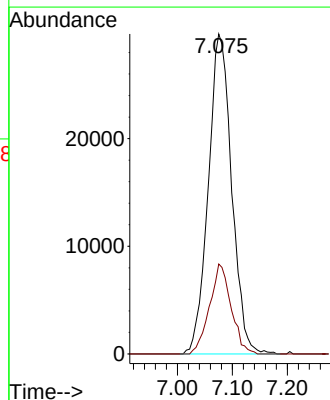
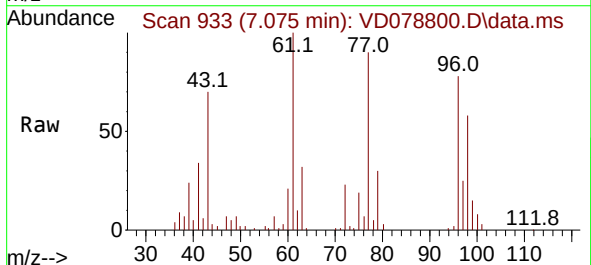
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

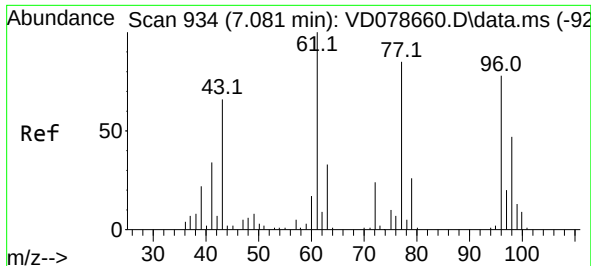
Tgt Ion: 43 Resp: 69981
Ion Ratio Lower Upper
43 100
72 32.1 25.0 37.6



#26
2,2-Dichloropropane
Concen: 53.237 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 77 Resp: 87788
Ion Ratio Lower Upper
77 100
97 26.0 12.4 37.0



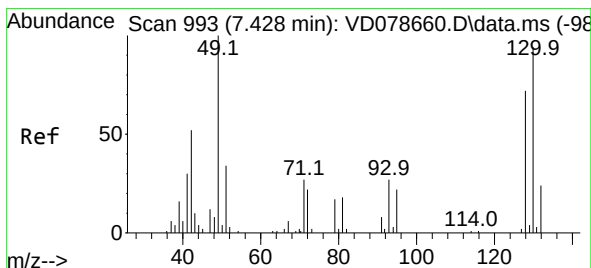
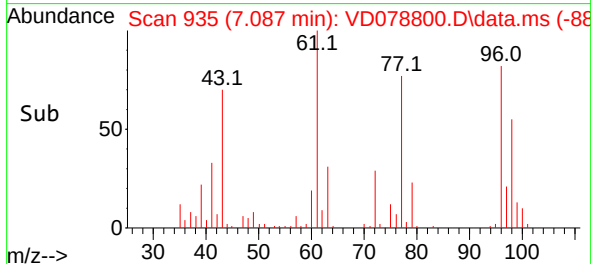
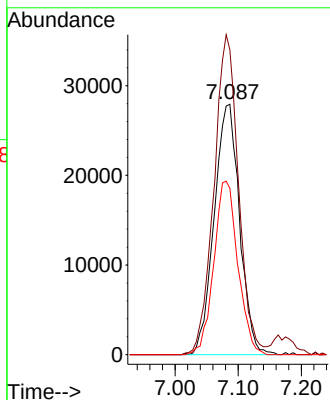
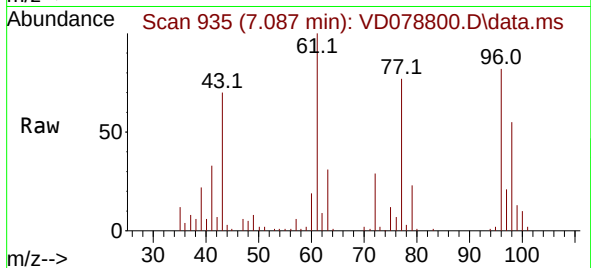


#27
 cis-1,2-Dichloroethene
 Concen: 56.714 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 78214

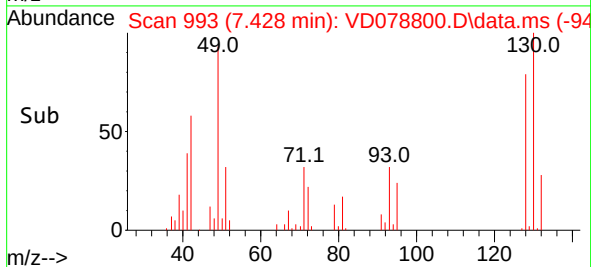
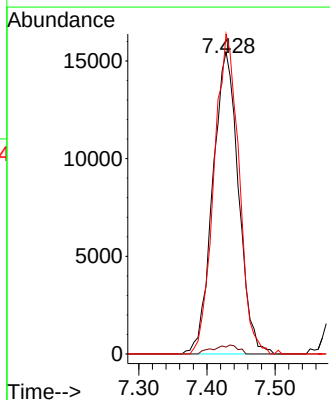
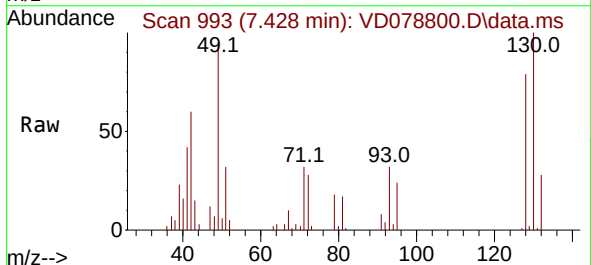
Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	245.0
98	65.5	0.0	126.6

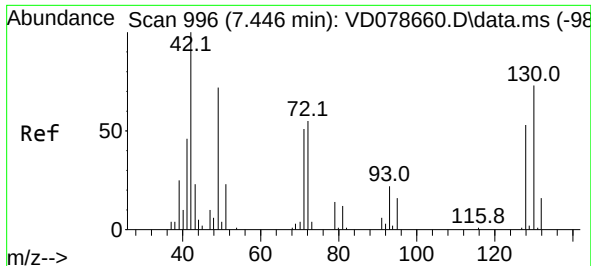


#28
 Bromochloromethane
 Concen: 58.602 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

Tgt Ion: 49 Resp: 40720

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	6.2
130	102.3	77.1	115.7





#29

Tetrahydrofuran

Concen: 339.211 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

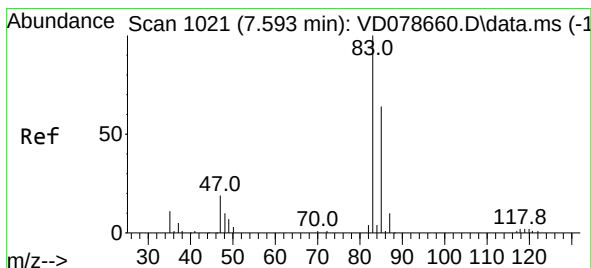
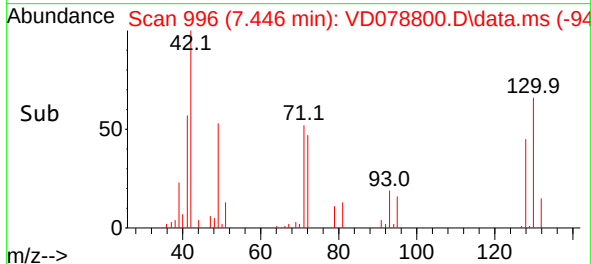
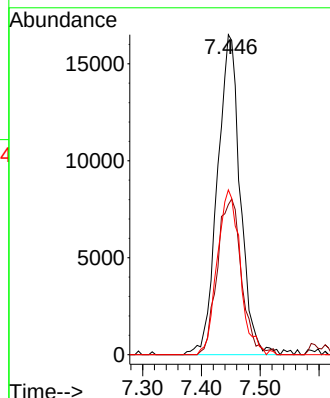
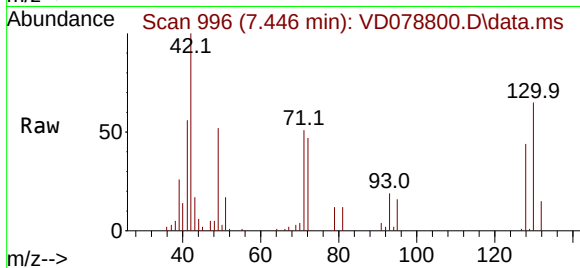
Tgt Ion: 42 Resp: 44520

Ion Ratio Lower Upper

42 100

72 52.0 43.8 65.6

71 51.8 42.0 63.0



#30

Chloroform

Concen: 57.878 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078800.D

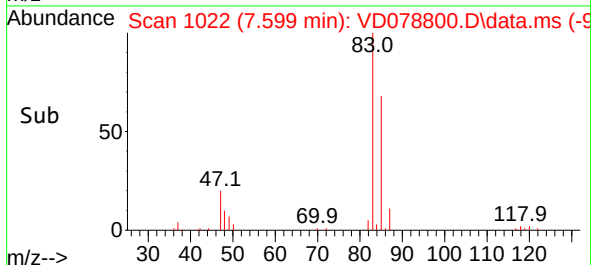
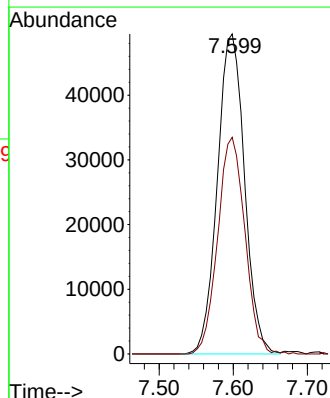
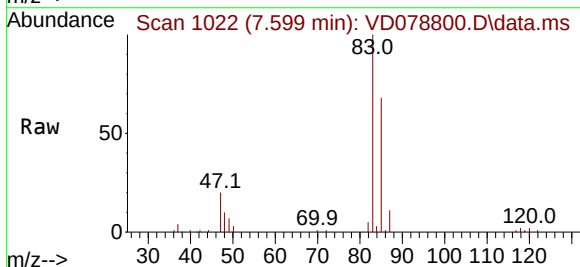
Acq: 29 Mar 2024 19:06

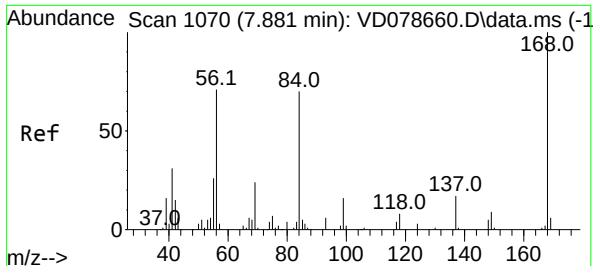
Tgt Ion: 83 Resp: 125775

Ion Ratio Lower Upper

83 100

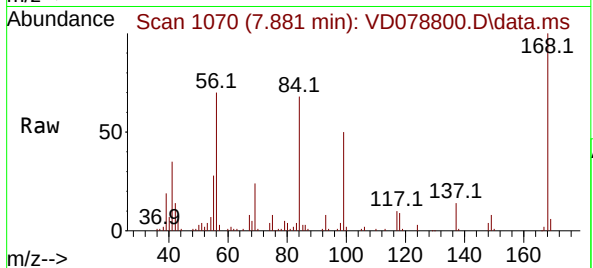
85 67.7 51.2 76.8



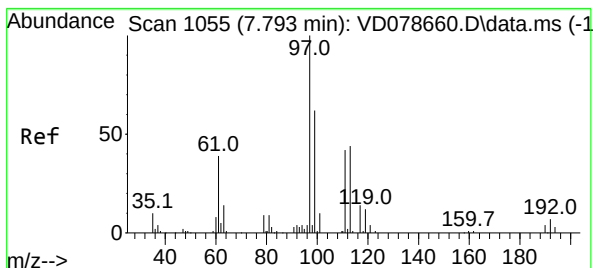
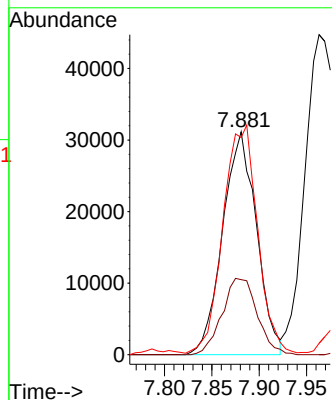
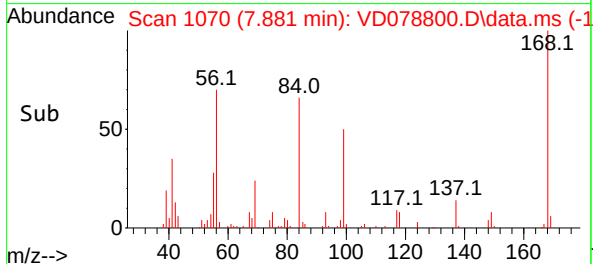


#31
Cyclohexane
Concen: 49.049 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

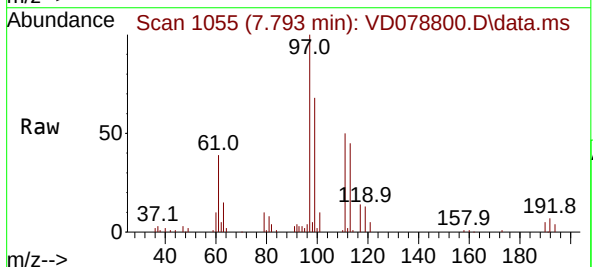
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



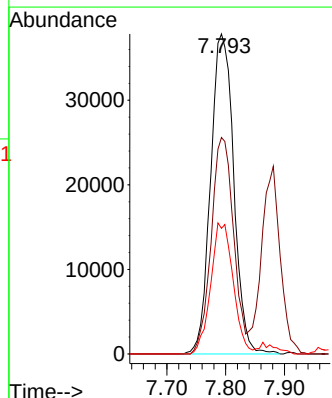
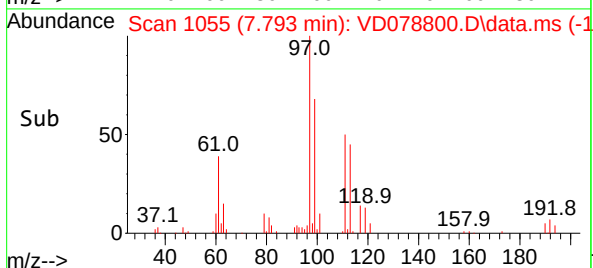
Tgt Ion: 56 Resp: 77379
Ion Ratio Lower Upper
56 100
69 33.6 26.6 40.0
84 96.4 79.4 119.2

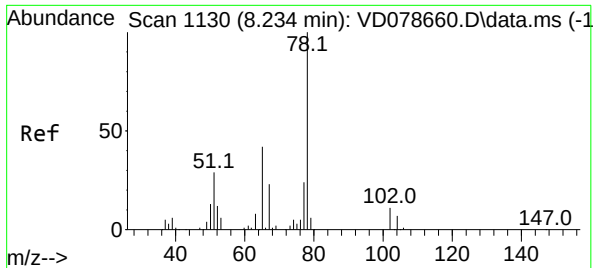


#32
1,1,1-Trichloroethane
Concen: 55.998 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06



Tgt Ion: 97 Resp: 103247
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 39.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 56.401 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

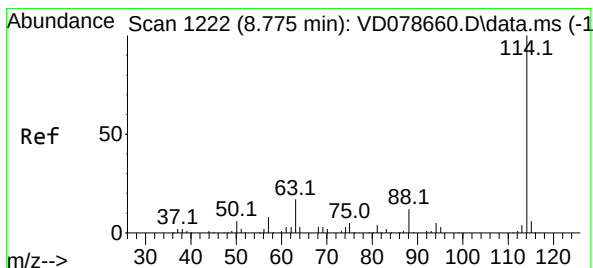
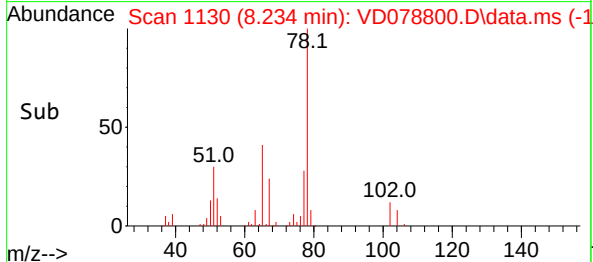
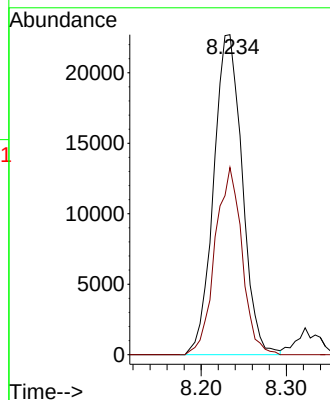
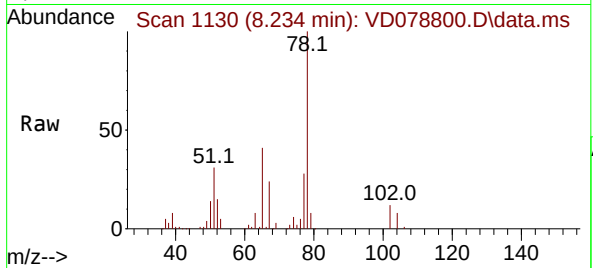
VSTDCCC050EC

Tgt Ion: 65 Resp: 52937

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

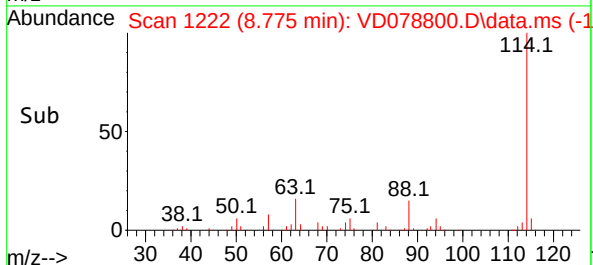
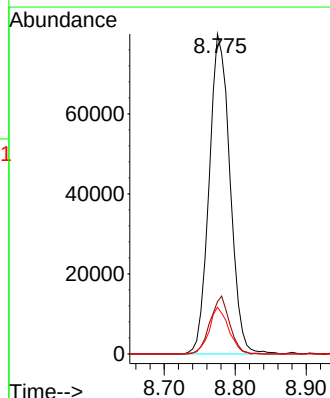
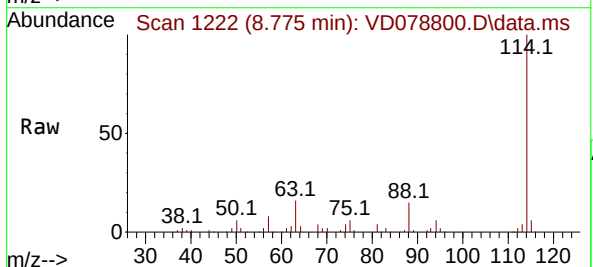
Tgt Ion: 114 Resp: 163095

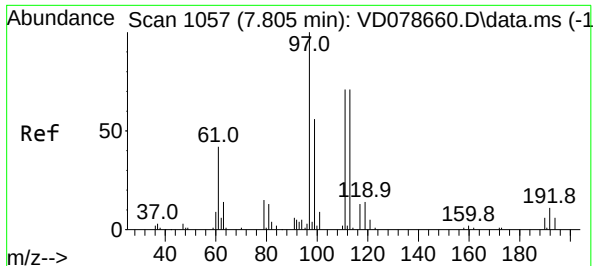
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.6 0.0 24.6





#35

Dibromofluoromethane

Concen: 58.232 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

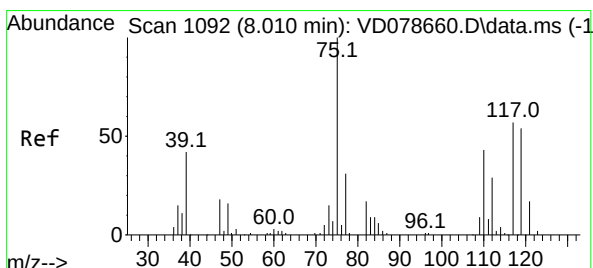
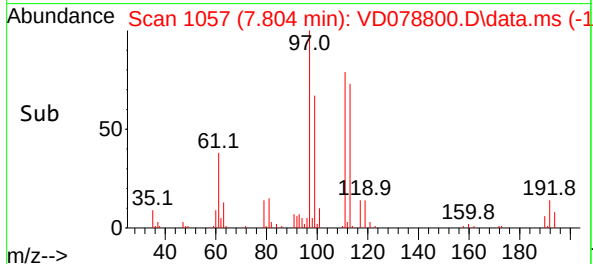
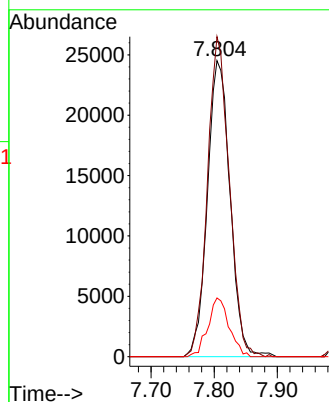
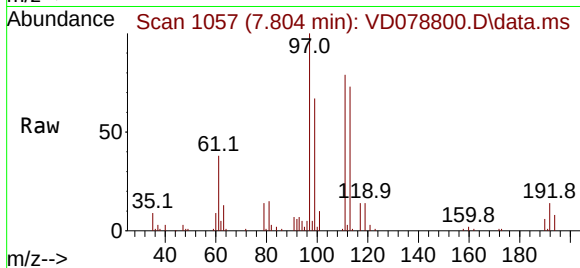
Tgt Ion:113 Resp: 61149

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 18.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 57.054 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

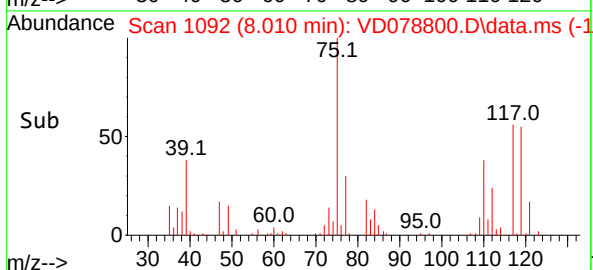
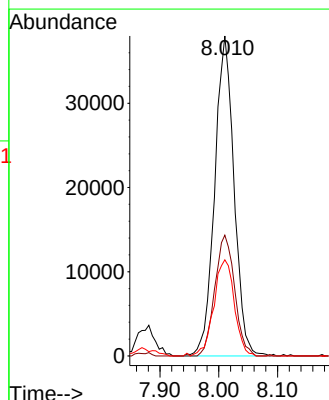
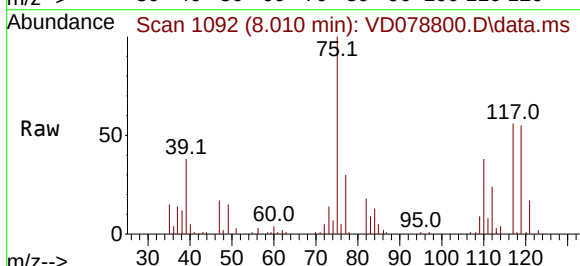
Tgt Ion: 75 Resp: 86927

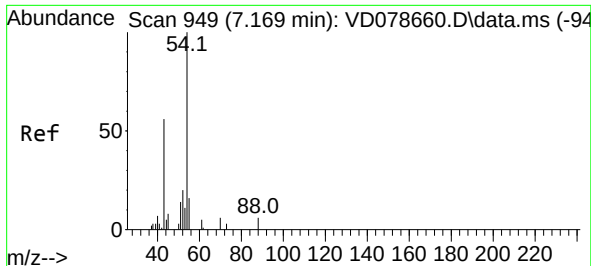
Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.1

77 31.9 25.4 38.2

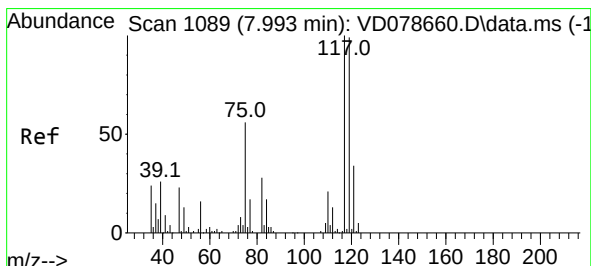
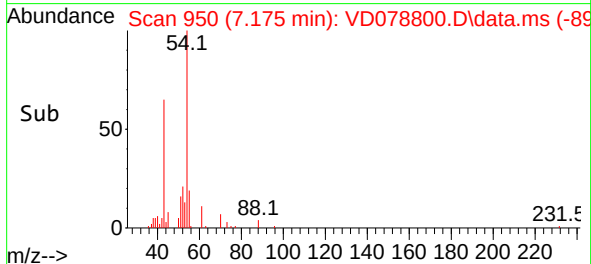
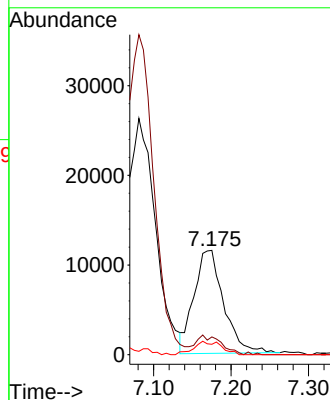
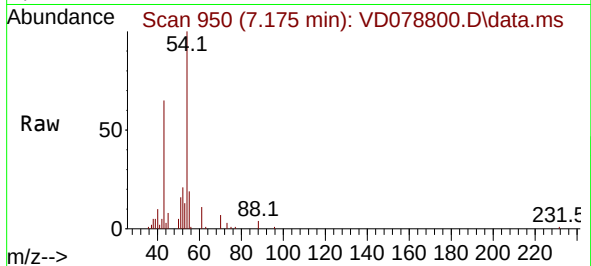




#37
Ethyl Acetate
Concen: 61.297 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

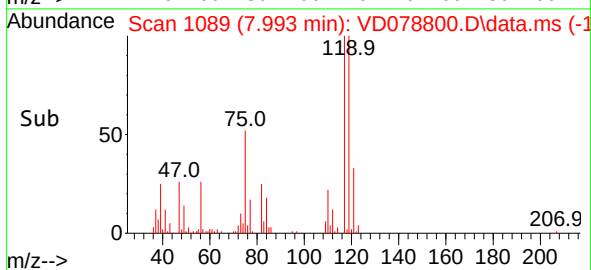
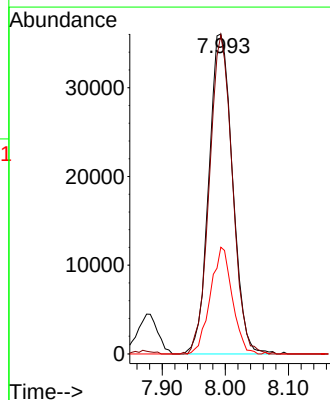
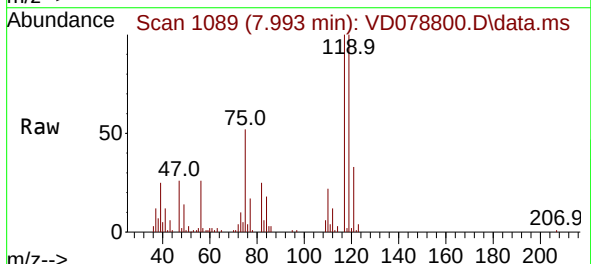
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

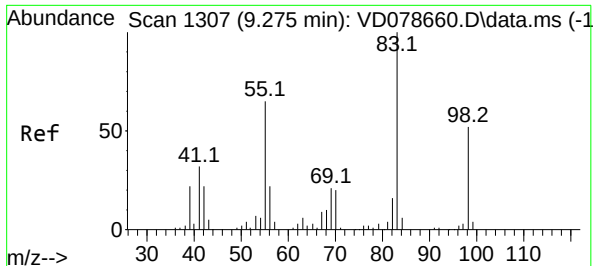
Tgt Ion: 43 Resp: 30510
Ion Ratio Lower Upper
43 100
61 15.9 14.6 21.8
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 58.640 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 117 Resp: 94190
Ion Ratio Lower Upper
117 100
119 99.7 79.2 118.8
121 33.4 26.8 40.2





#39

Methylcyclohexane

Concen: 57.184 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

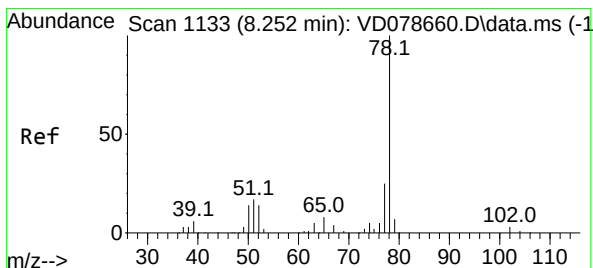
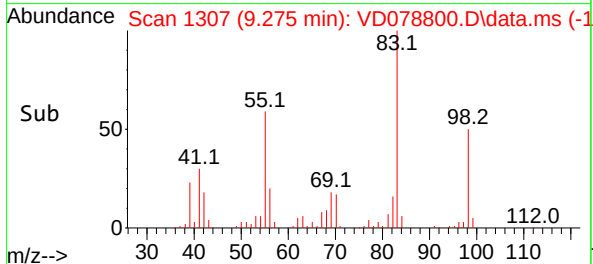
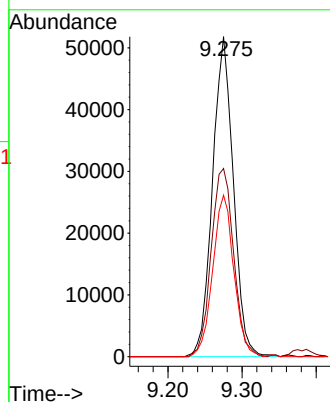
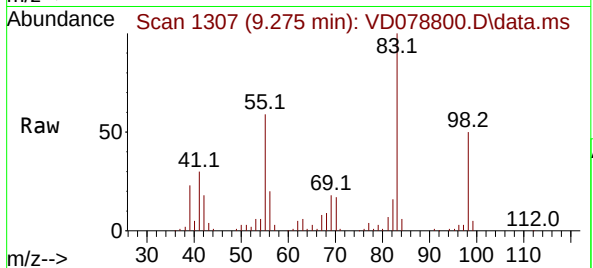
Tgt Ion: 83 Resp: 101069

Ion Ratio Lower Upper

83 100

55 58.8 51.7 77.5

98 50.5 41.4 62.0



#40

Benzene

Concen: 59.084 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078800.D

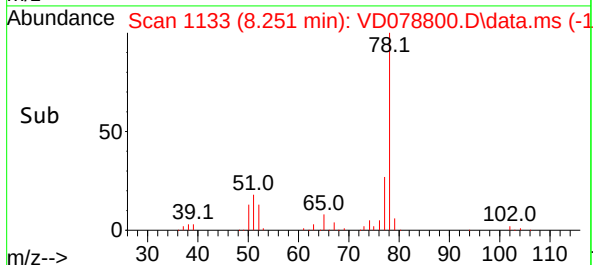
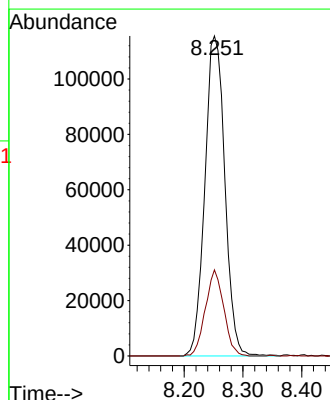
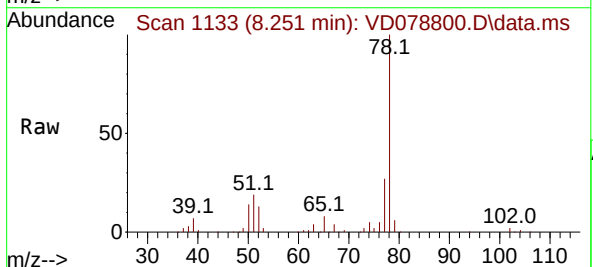
Acq: 29 Mar 2024 19:06

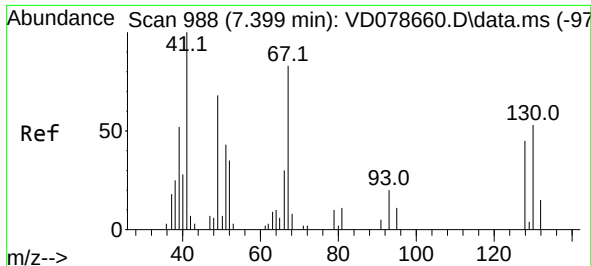
Tgt Ion: 78 Resp: 272122

Ion Ratio Lower Upper

78 100

77 26.9 20.4 30.6

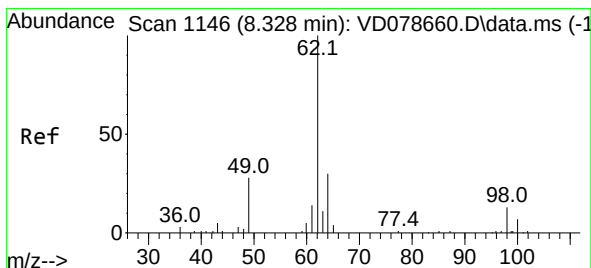
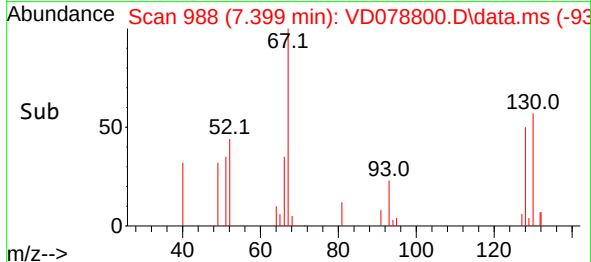
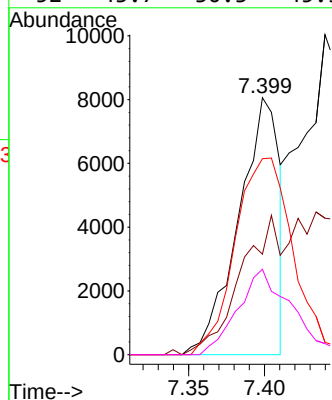
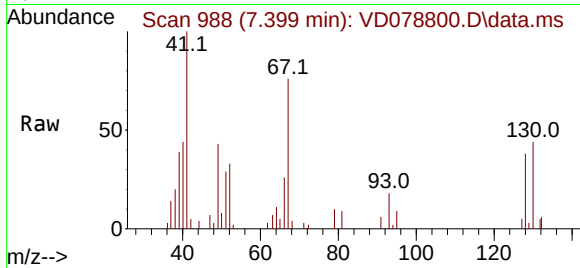




#41
Methacrylonitrile
Concen: 57.710 ug/l m
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

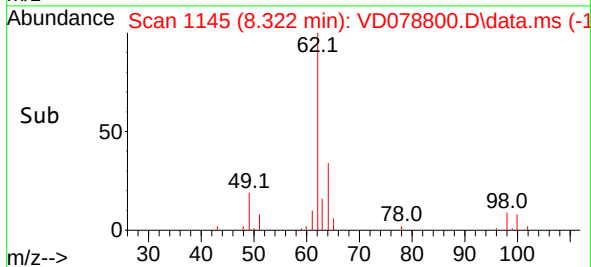
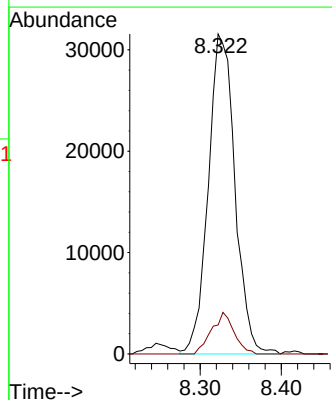
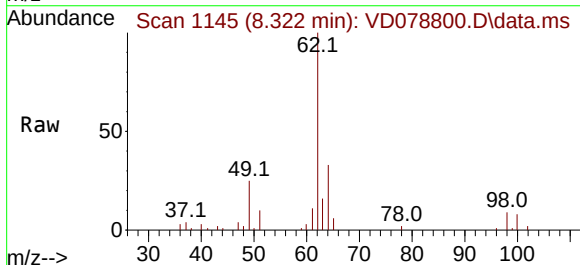
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

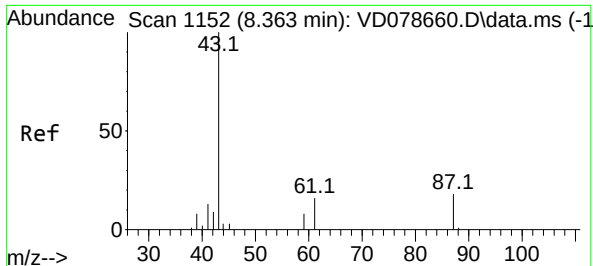
Tgt Ion: 41	Resp: 15053
Ion Ratio	Lower Upper
41 100	
39 52.6	39.8 59.6
67 108.4	83.5 125.3
52 43.7	30.3 45.5



#42
1,2-Dichloroethane
Concen: 64.118 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 62	Resp: 72016
Ion Ratio	Lower Upper
62 100	
98 10.9	0.0 23.8

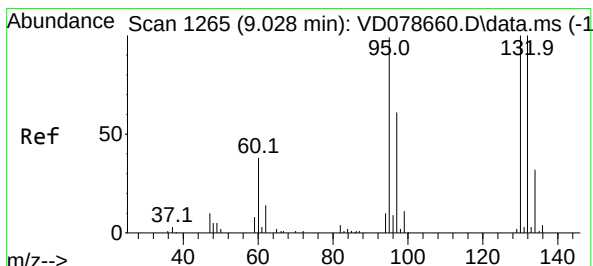
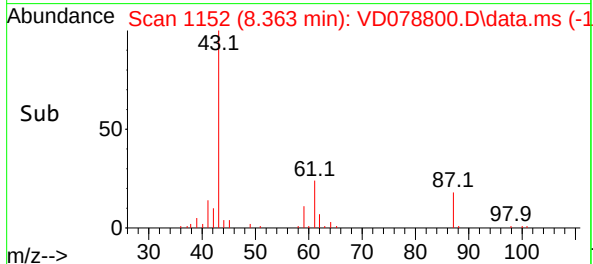
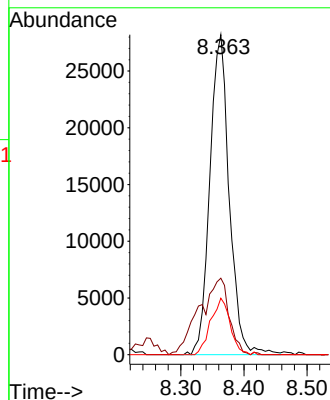
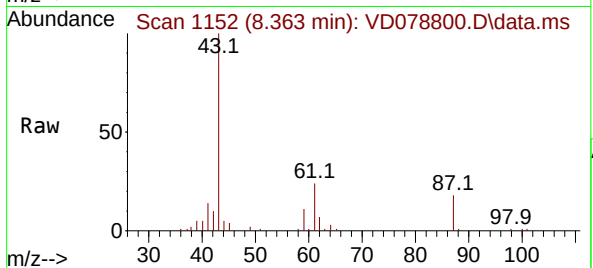




#43
Isopropyl Acetate
Concen: 66.593 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

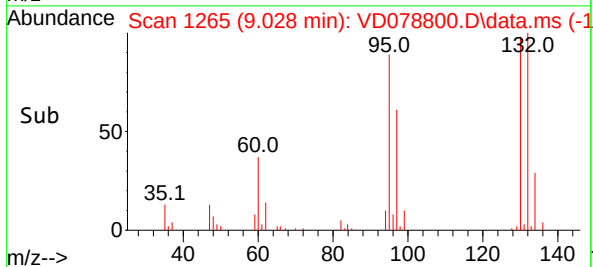
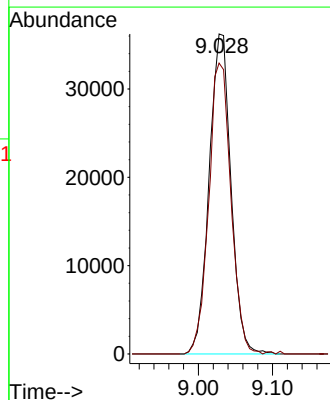
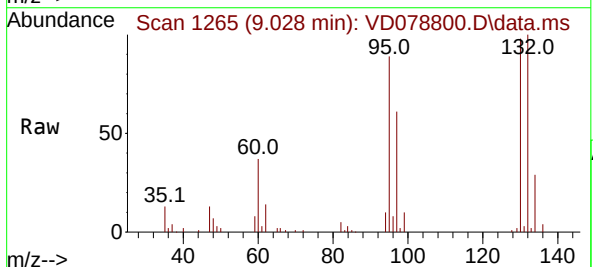
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

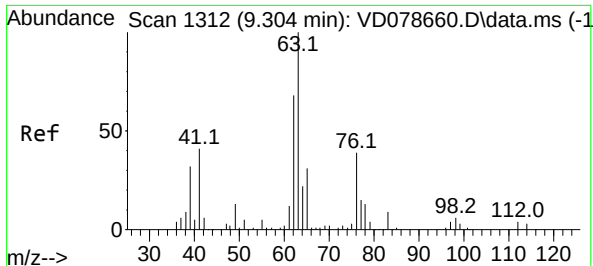
Tgt Ion: 43 Resp: 60280
Ion Ratio Lower Upper
43 100
61 36.5 30.1 45.1
87 17.8 14.4 21.6



#44
Trichloroethene
Concen: 59.360 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:130 Resp: 74193
Ion Ratio Lower Upper
130 100
95 90.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 62.411 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

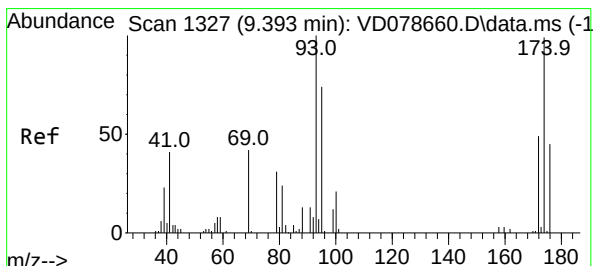
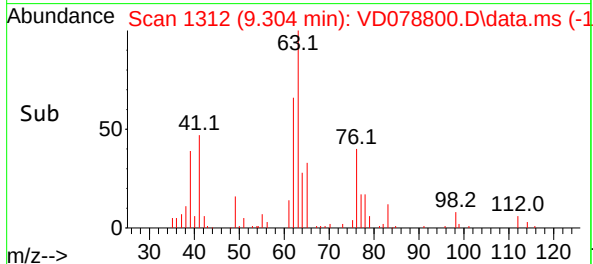
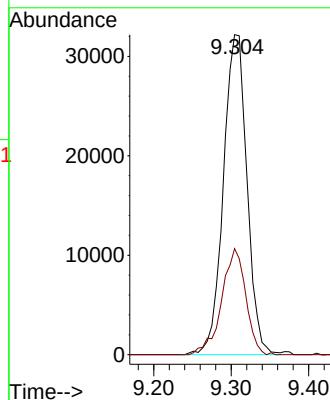
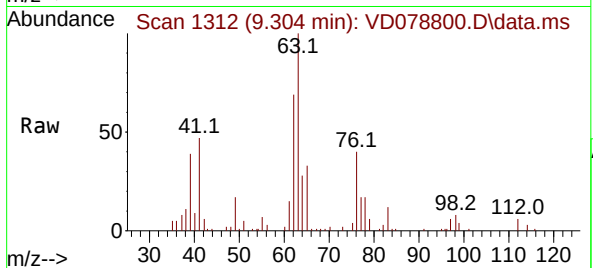
VSTDCCC050EC

Tgt Ion: 63 Resp: 68187

Ion Ratio Lower Upper

63 100

65 33.2 24.8 37.2



#46

Dibromomethane

Concen: 65.338 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

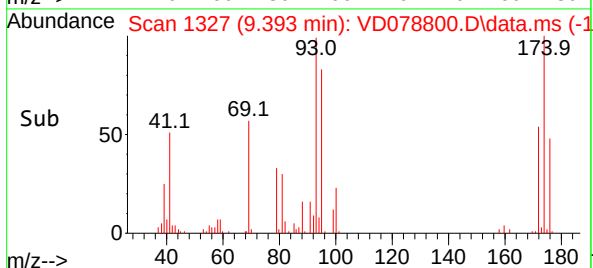
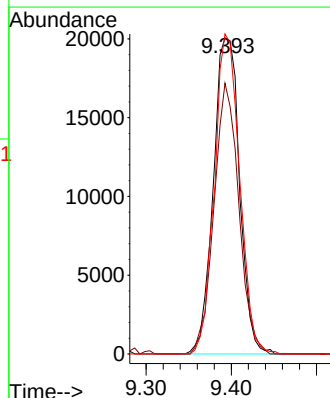
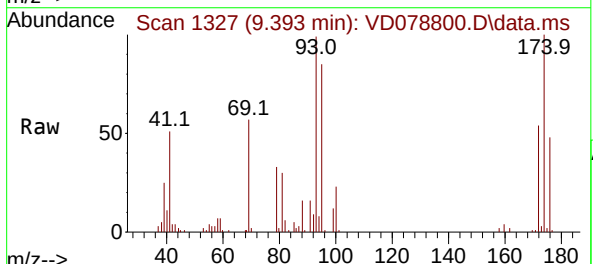
Tgt Ion: 93 Resp: 42792

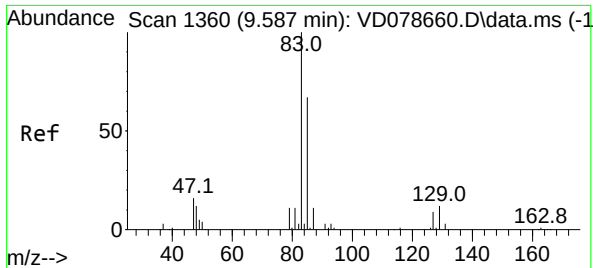
Ion Ratio Lower Upper

93 100

95 81.4 67.3 100.9

174 97.6 80.9 121.3

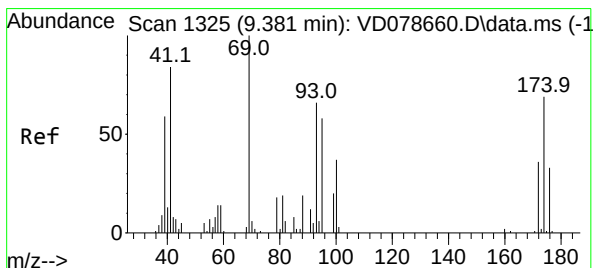
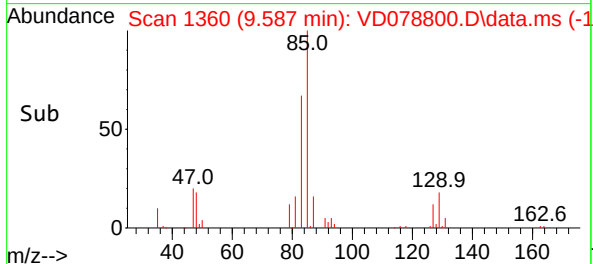
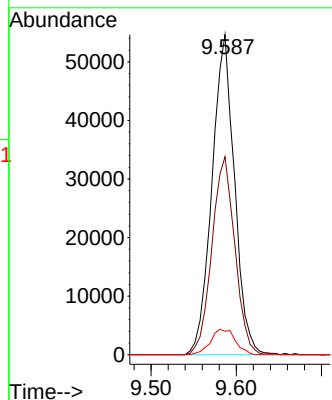
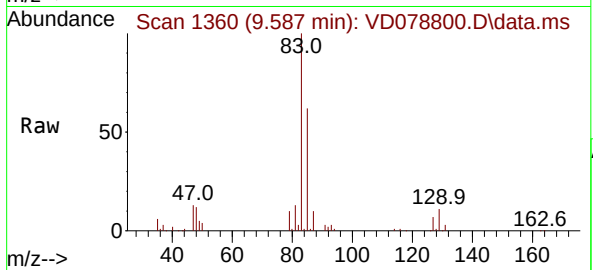




#47
Bromodichloromethane
Concen: 64.452 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

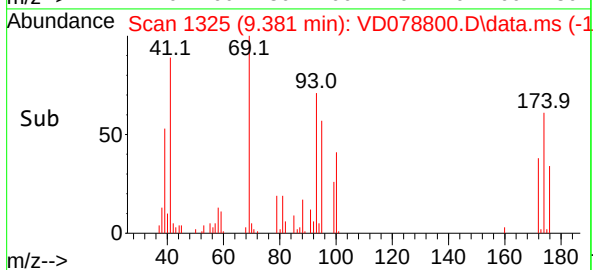
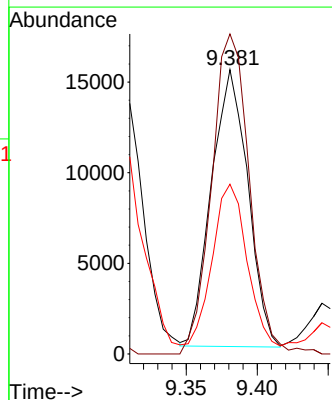
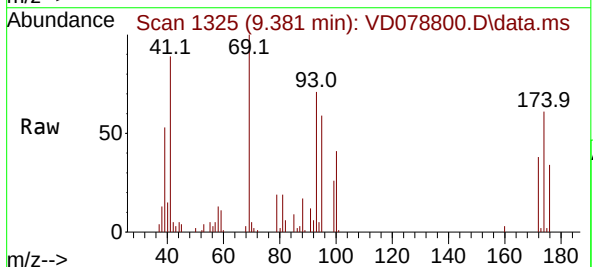
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

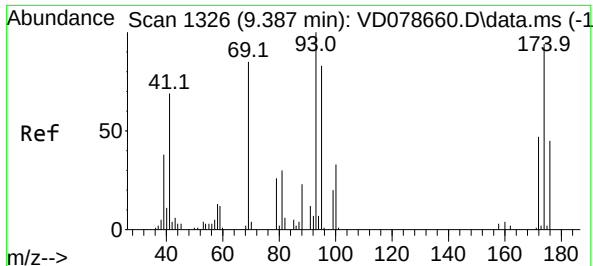
Tgt Ion: 83 Resp: 100489
Ion Ratio Lower Upper
83 100
85 61.8 54.0 81.0
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 61.915 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 41 Resp: 27308
Ion Ratio Lower Upper
41 100
69 119.7 88.3 132.5
39 56.1 46.6 69.8





#49

1,4-Dioxane

Concen: 1232.363 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

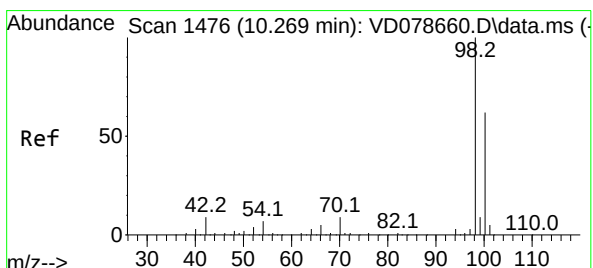
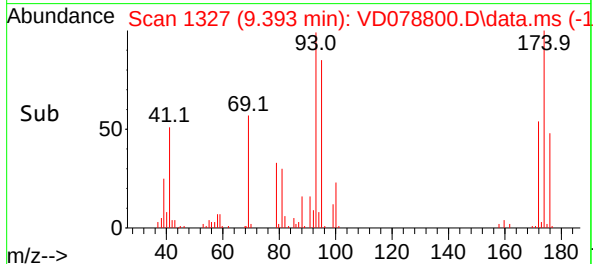
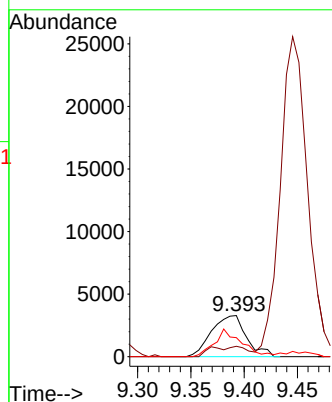
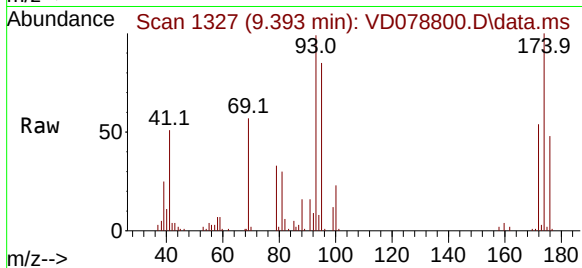
Tgt Ion: 88 Resp: 7473

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 52.4 51.0 76.6



#50

Toluene-d8

Concen: 56.368 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078800.D

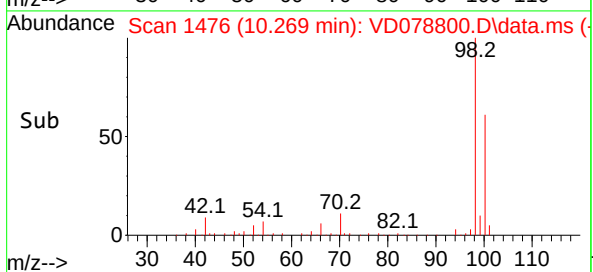
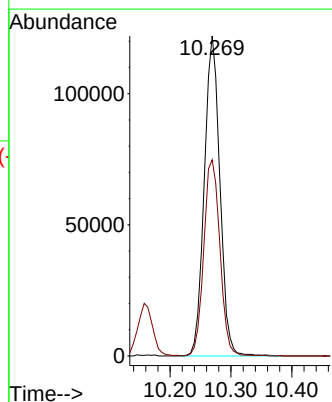
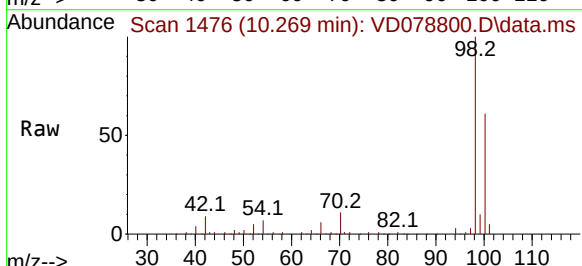
Acq: 29 Mar 2024 19:06

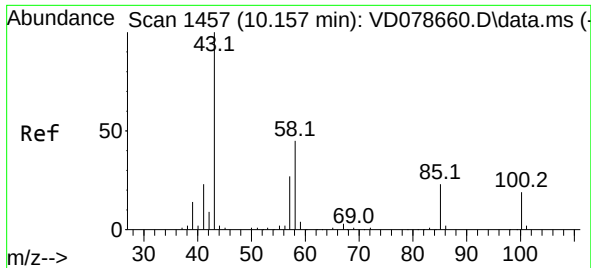
Tgt Ion: 98 Resp: 217689

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

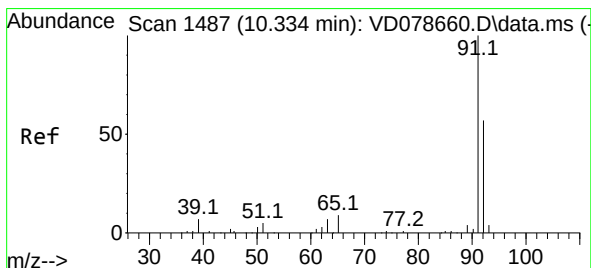
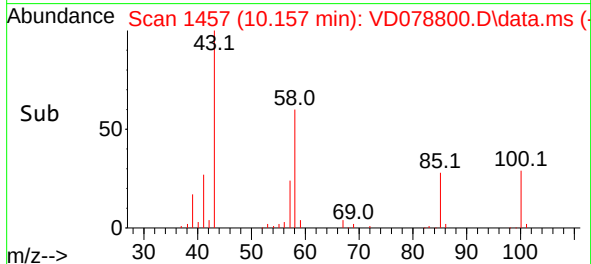
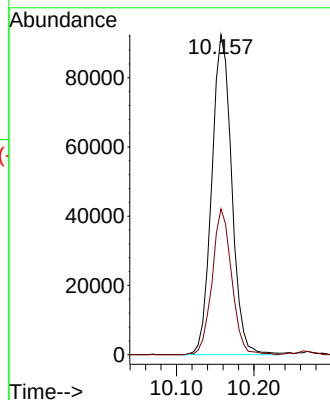
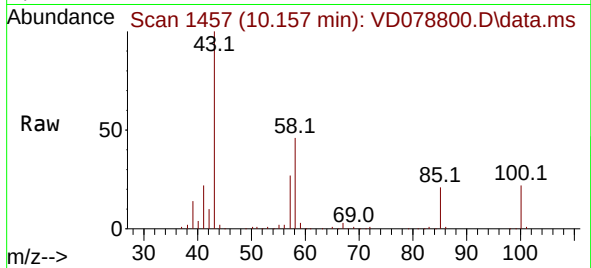




#51
4-Methyl-2-Pentanone
Concen: 349.579 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

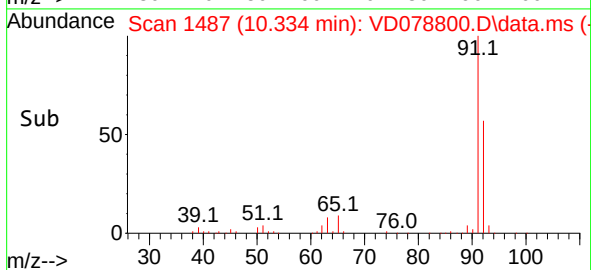
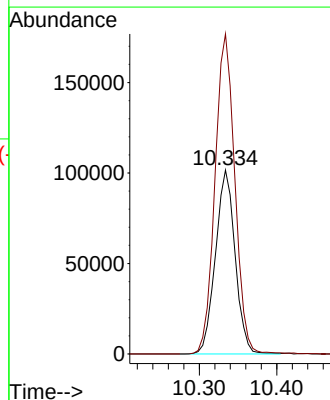
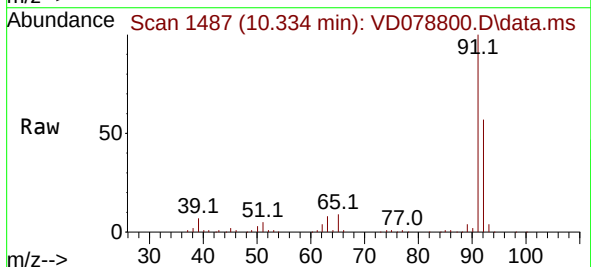
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

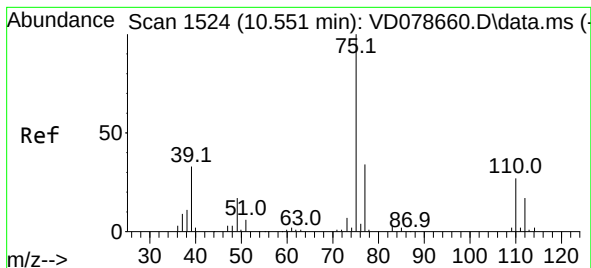
Tgt Ion: 43 Resp: 165431
Ion Ratio Lower Upper
43 100
58 44.5 36.4 54.6



#52
Toluene
Concen: 60.496 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 92 Resp: 179381
Ion Ratio Lower Upper
92 100
91 176.0 136.6 205.0

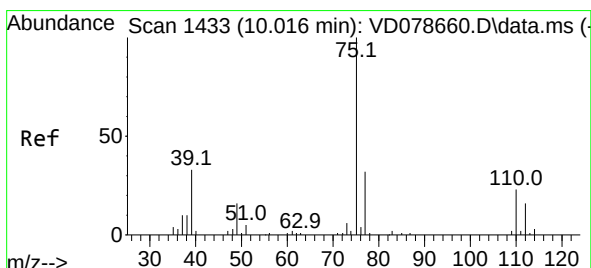
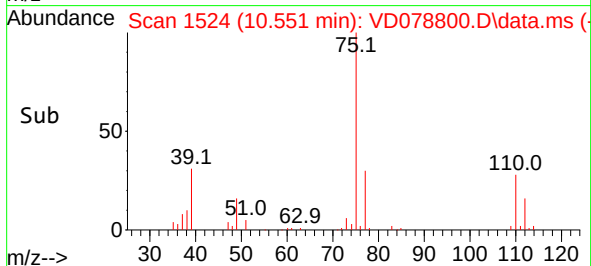
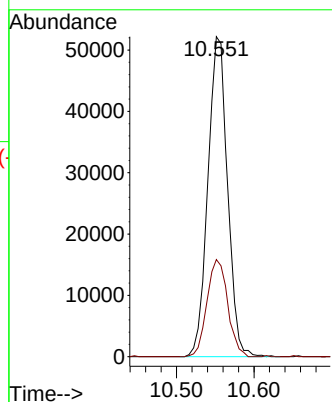
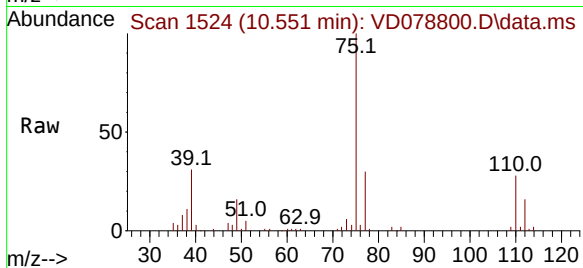




#53
 t-1,3-Dichloropropene
 Concen: 64.358 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

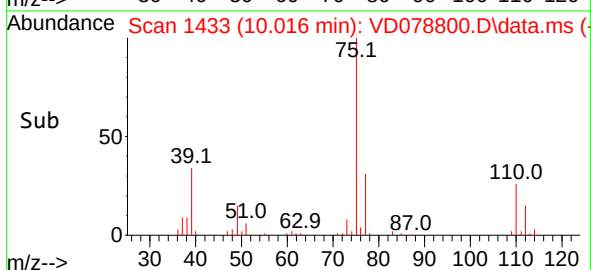
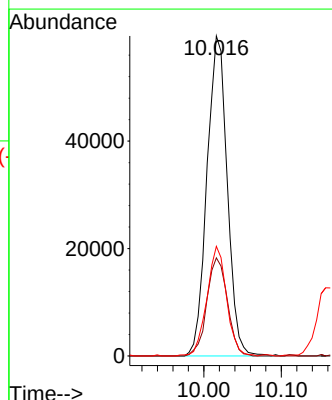
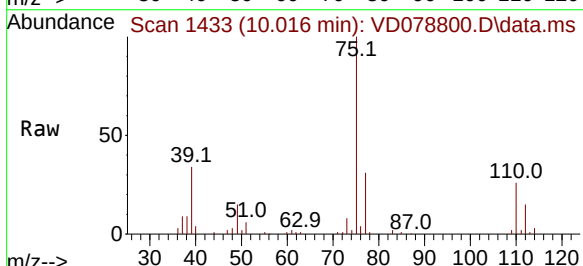
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

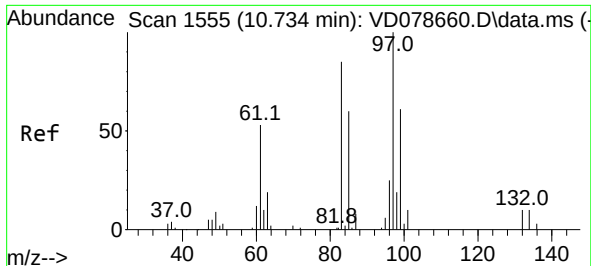
Tgt Ion: 75 Resp: 91743
 Ion Ratio Lower Upper
 75 100
 77 30.3 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 63.264 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078800.D
 Acq: 29 Mar 2024 19:06

Tgt Ion: 75 Resp: 108415
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 34.2 26.7 40.1

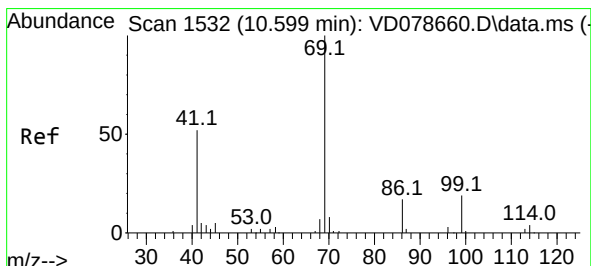
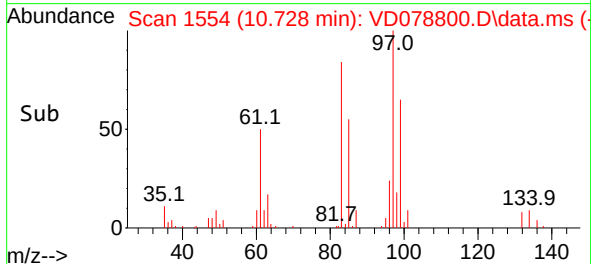
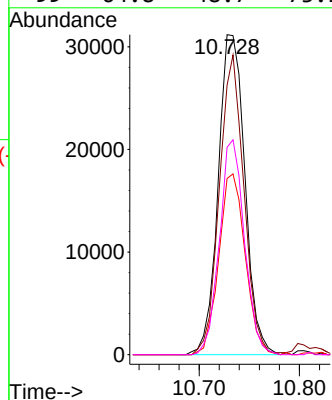
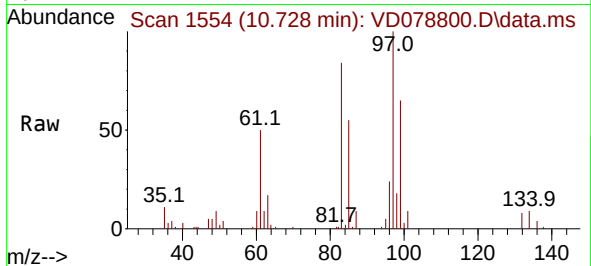




#55
1,1,2-Trichloroethane
Concen: 65.612 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

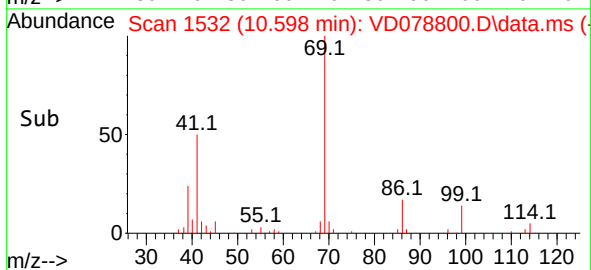
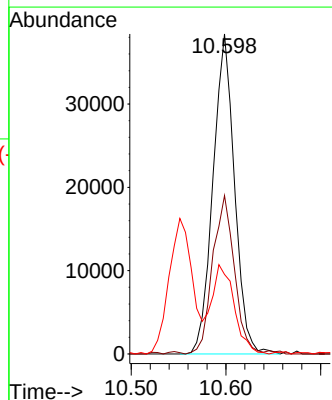
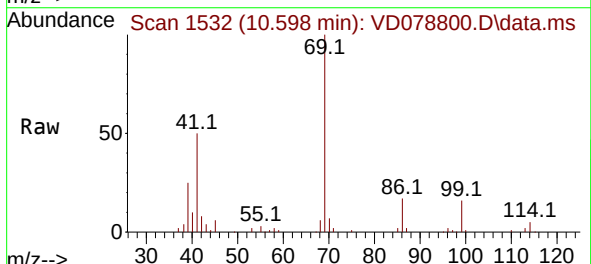
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

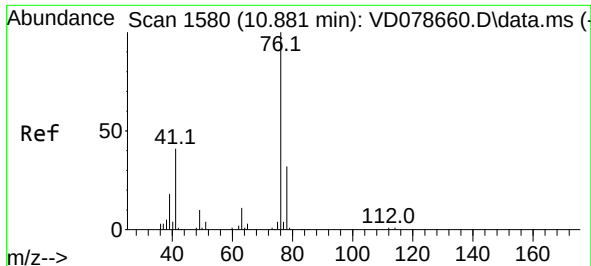
Tgt Ion:	97	Resp:	57544
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.1	102.1
85	55.0	48.2	72.2
99	64.8	48.7	73.1



#56
Ethyl methacrylate
Concen: 68.976 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:	69	Resp:	60644
Ion	Ratio	Lower	Upper
69	100		
41	50.1	40.9	61.3
39	29.6	25.5	38.3





#57

1,3-Dichloropropane

Concen: 65.156 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

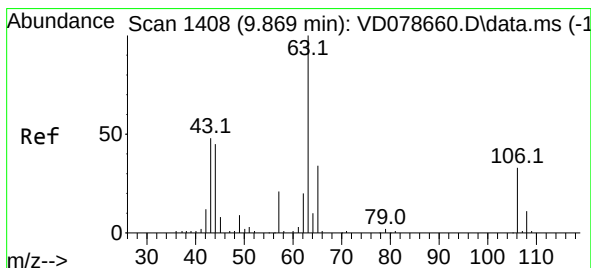
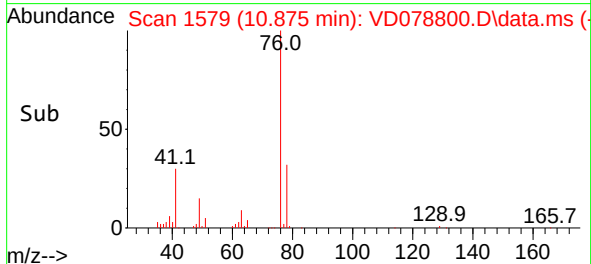
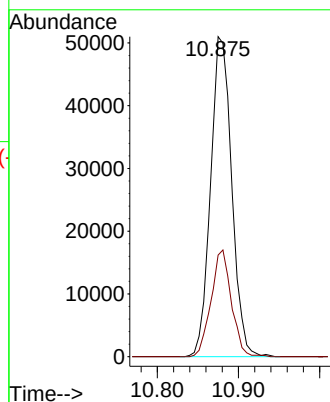
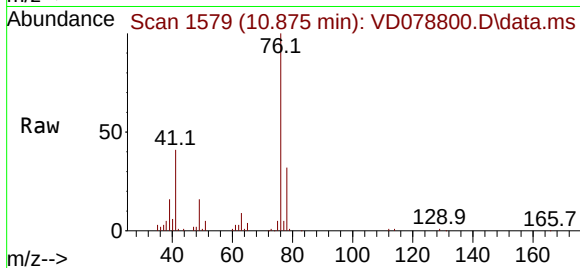
VSTDCCC050EC

Tgt Ion: 76 Resp: 92207

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 349.598 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078800.D

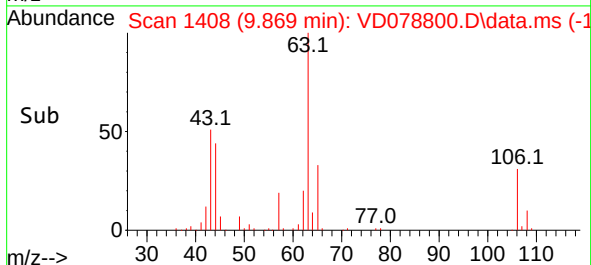
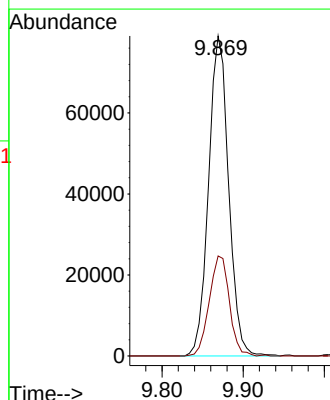
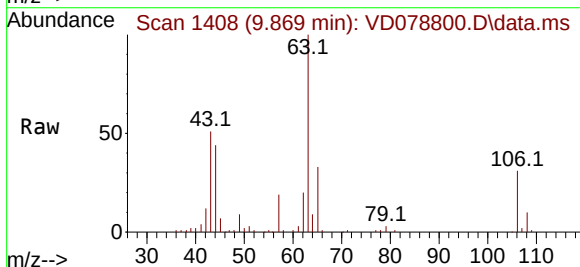
Acq: 29 Mar 2024 19:06

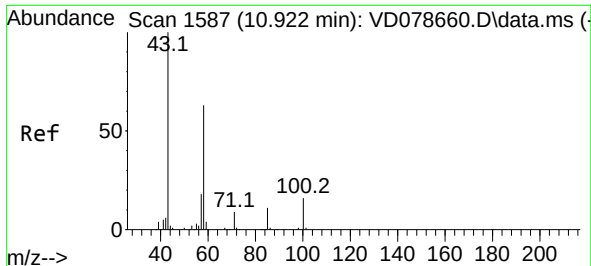
Tgt Ion: 63 Resp: 135531

Ion Ratio Lower Upper

63 100

106 31.3 25.2 37.8

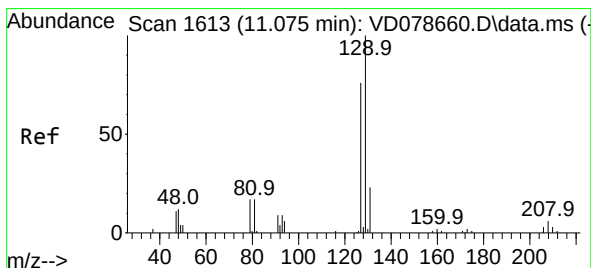
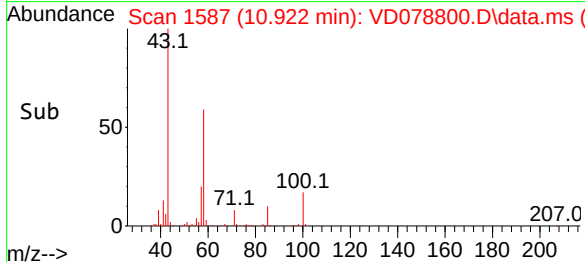
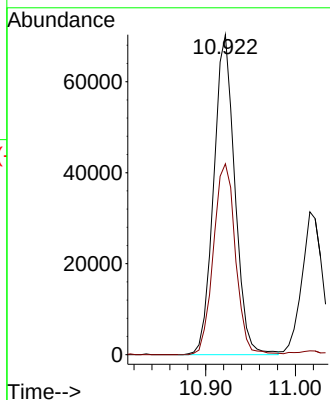
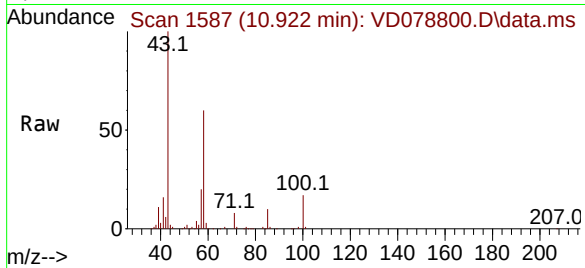




#59
2-Hexanone
Concen: 327.660 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

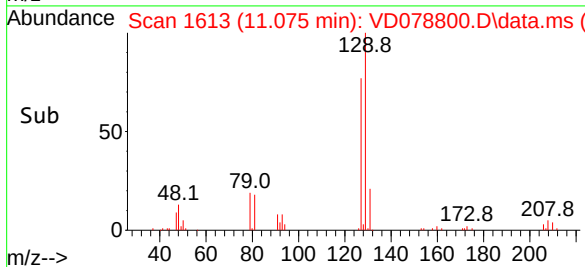
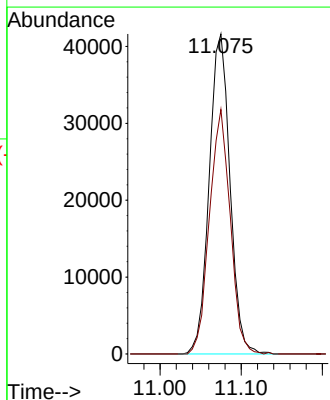
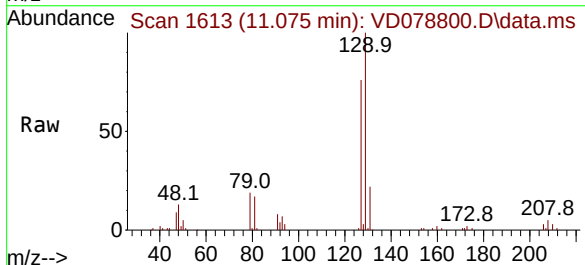
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

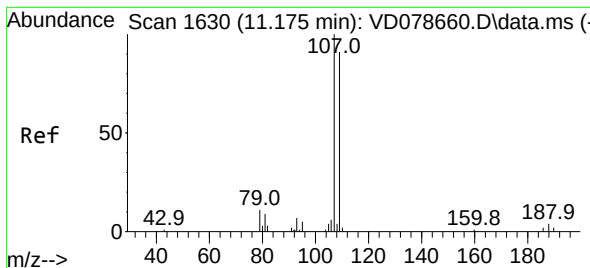
Tgt Ion: 43 Resp: 114946
Ion Ratio Lower Upper
43 100
58 62.3 31.5 94.5



#60
Dibromochloromethane
Concen: 68.445 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:129 Resp: 74029
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 65.428 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

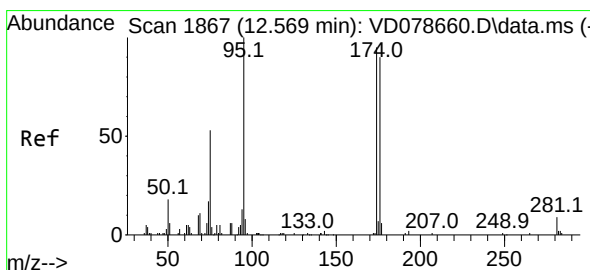
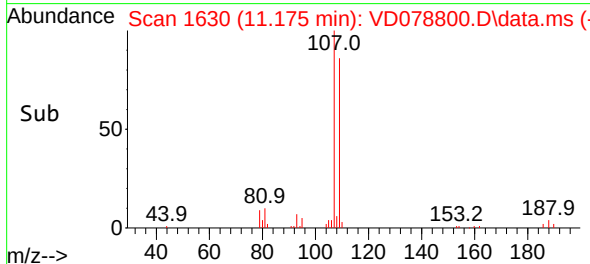
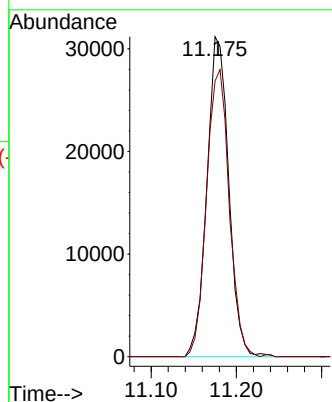
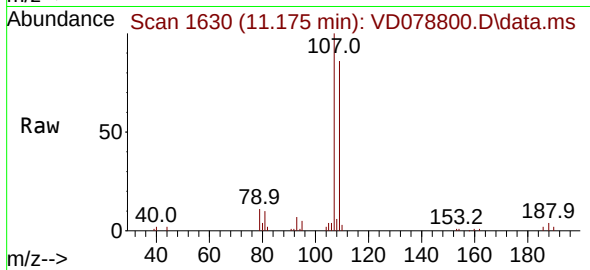
VSTDCCC050EC

Tgt Ion:107 Resp: 55532

Ion Ratio Lower Upper

107 100

109 93.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 60.765 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

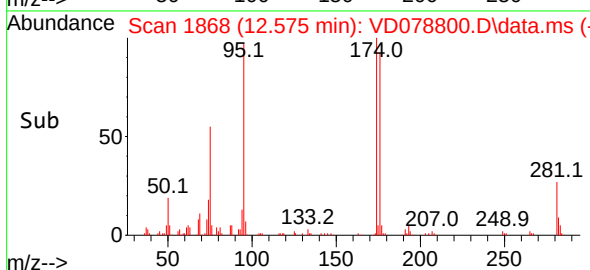
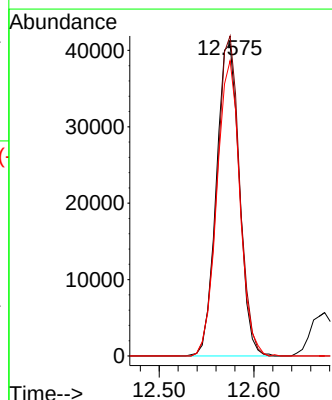
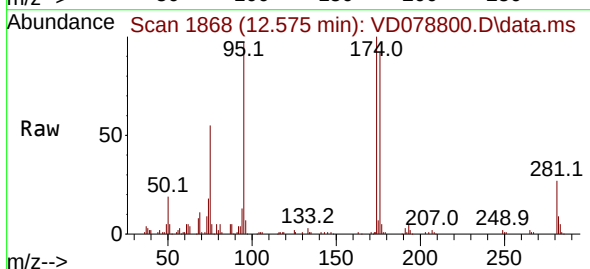
Tgt Ion: 95 Resp: 68653

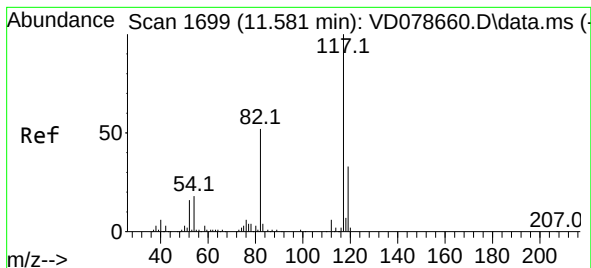
Ion Ratio Lower Upper

95 100

174 101.3 0.0 195.2

176 94.8 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

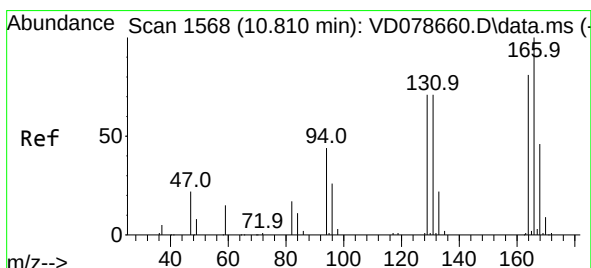
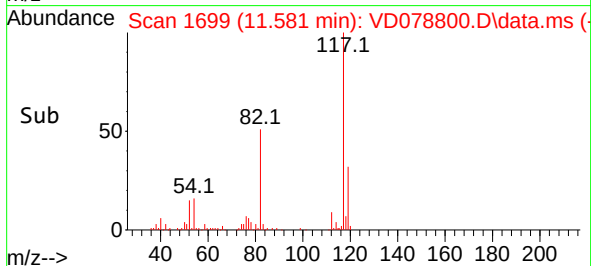
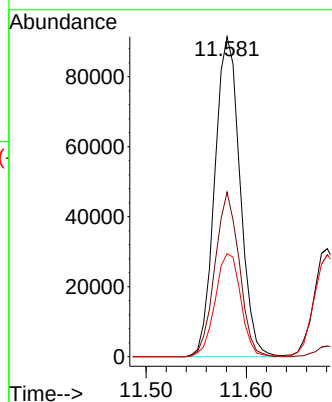
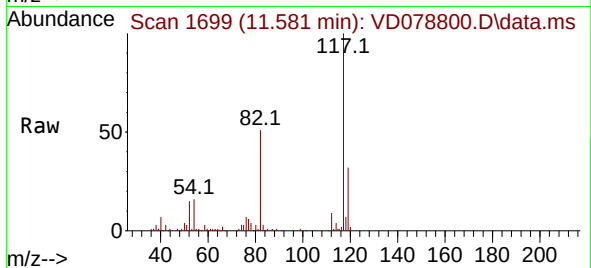
Tgt Ion:117 Resp: 159887

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.2

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 58.828 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Tgt Ion:164 Resp: 62244

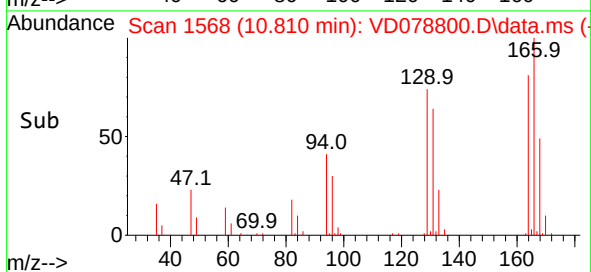
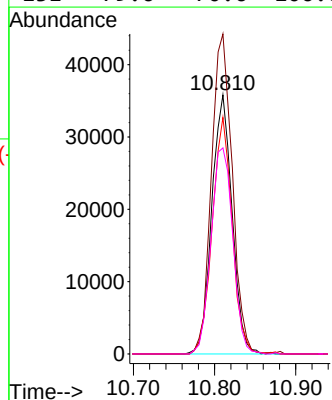
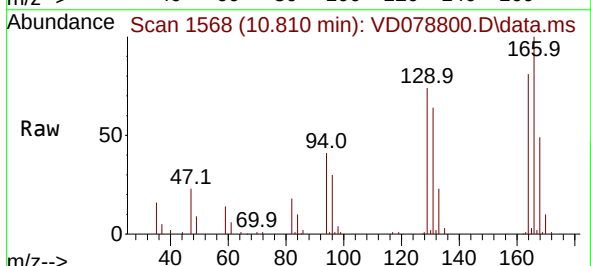
Ion Ratio Lower Upper

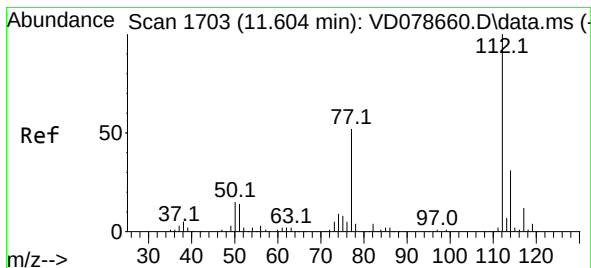
164 100

166 123.5 98.9 148.3

129 91.3 70.3 105.5

131 79.6 70.6 106.0





#65

Chlorobenzene

Concen: 59.221 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

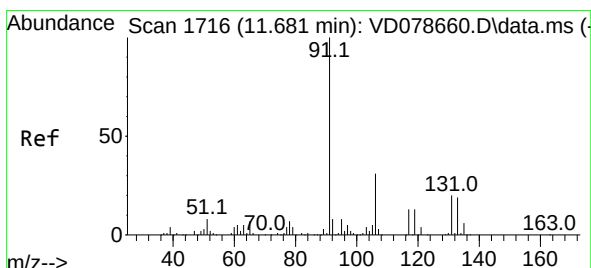
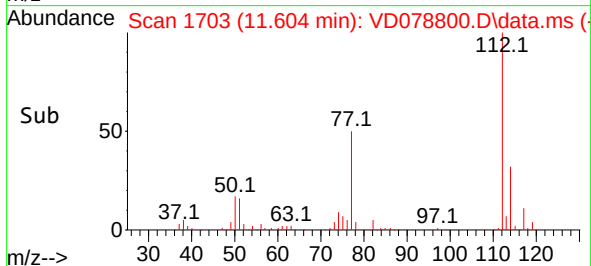
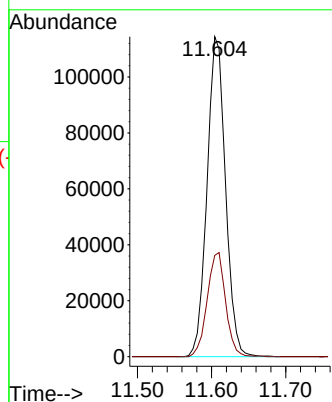
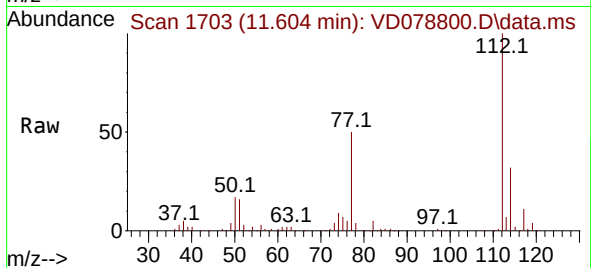
VSTDCCC050EC

Tgt Ion:112 Resp: 197866

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 62.751 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

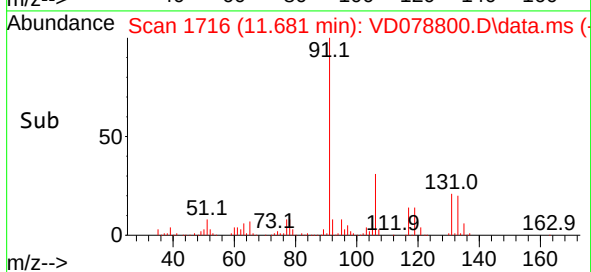
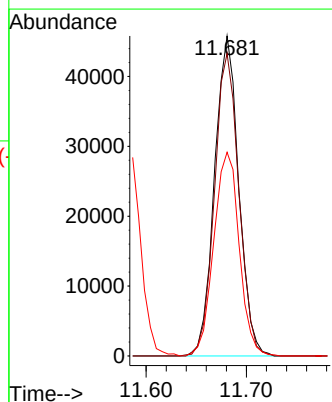
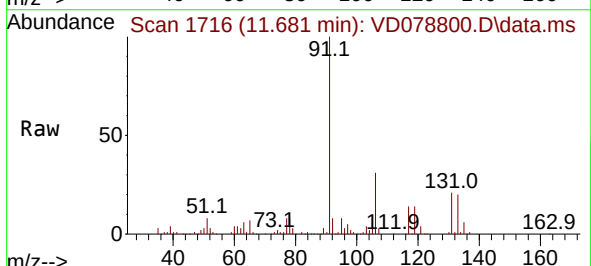
Tgt Ion:131 Resp: 76783

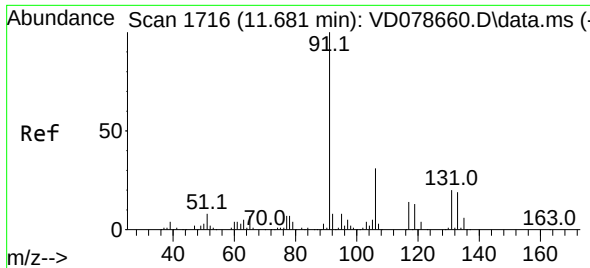
Ion Ratio Lower Upper

131 100

133 95.0 47.6 142.9

119 66.9 34.1 102.3

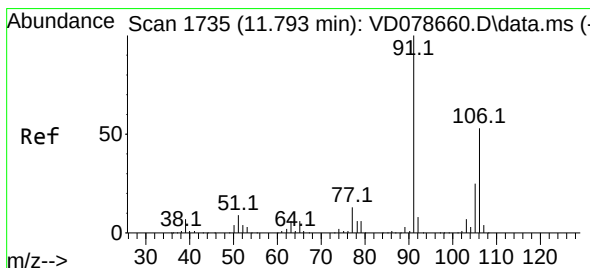
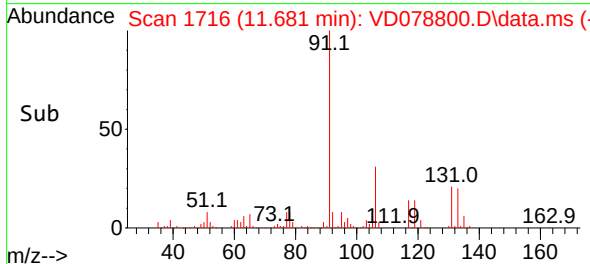
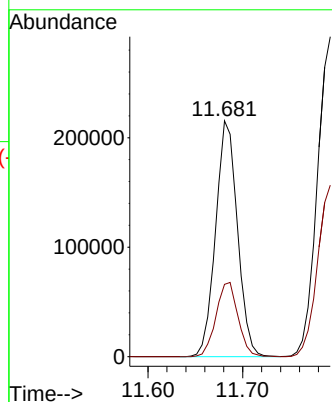
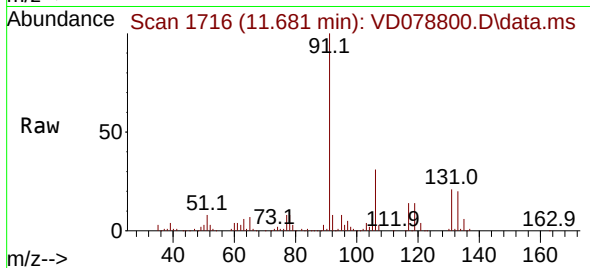




#67
Ethyl Benzene
Concen: 60.600 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

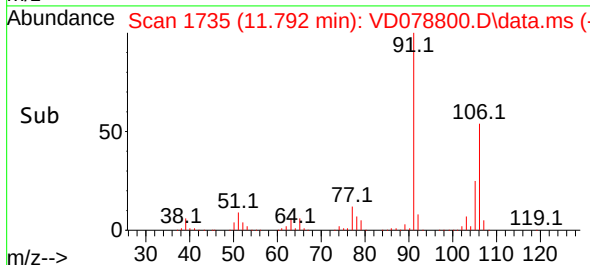
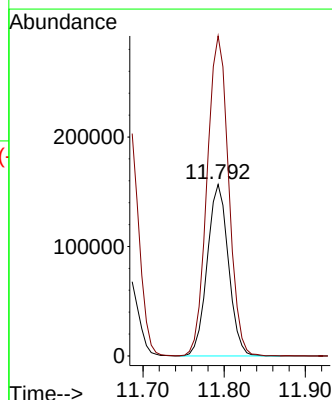
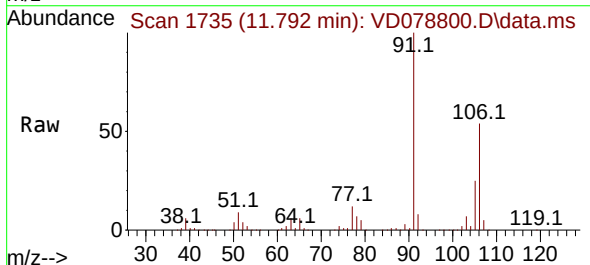
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

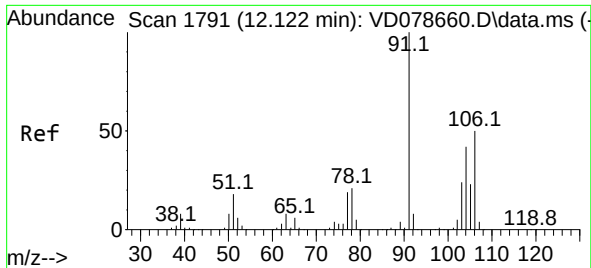
Tgt Ion: 91 Resp: 345030
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 122.594 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 106 Resp: 283432
Ion Ratio Lower Upper
106 100
91 189.5 154.4 231.6





#69

o-Xylene

Concen: 61.410 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

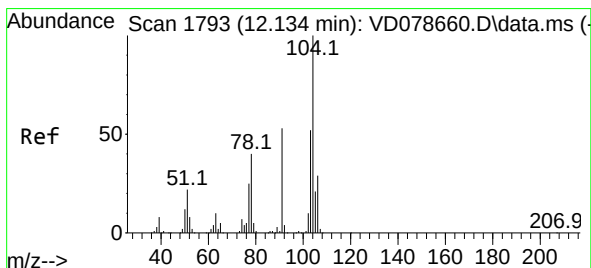
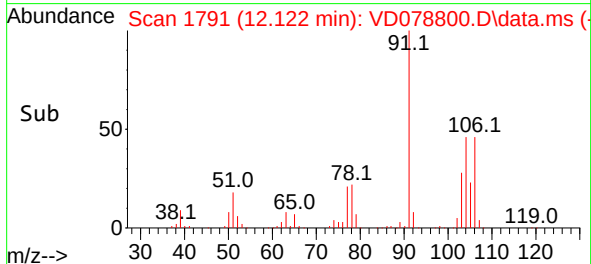
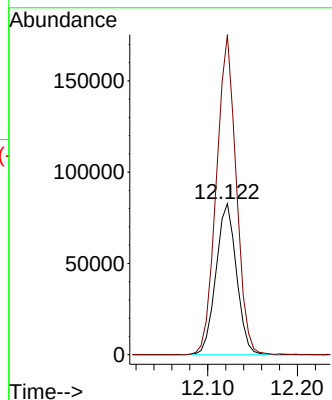
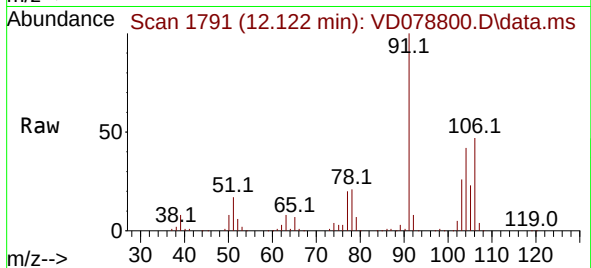
VSTDCCC050EC

Tgt Ion:106 Resp: 131362

Ion Ratio Lower Upper

106 100

91 204.9 99.6 298.7



#70

Styrene

Concen: 64.644 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

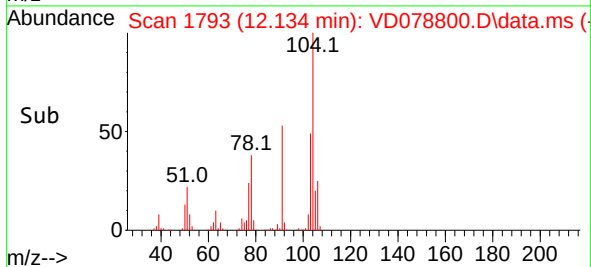
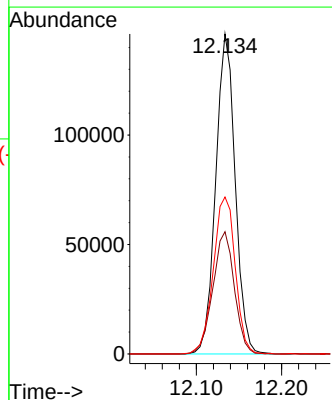
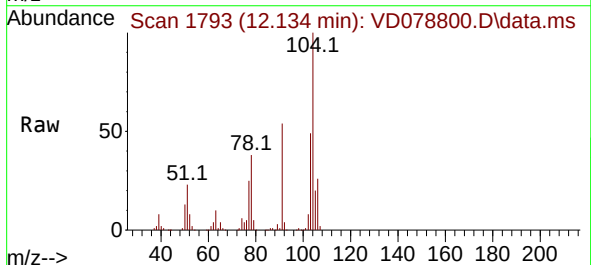
Tgt Ion:104 Resp: 232097

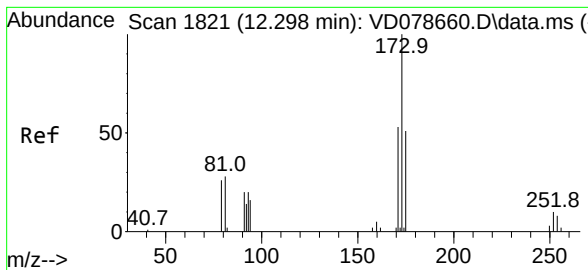
Ion Ratio Lower Upper

104 100

78 42.3 34.6 52.0

103 55.4 44.2 66.2

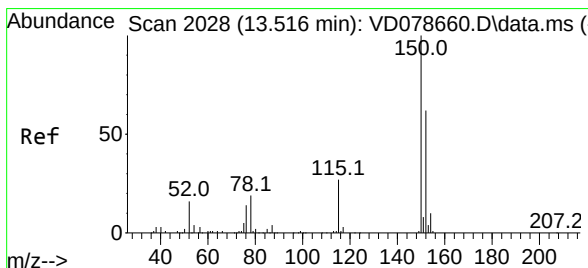
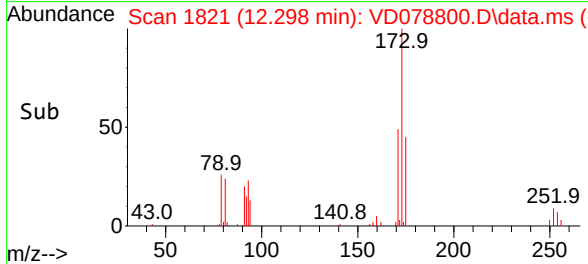
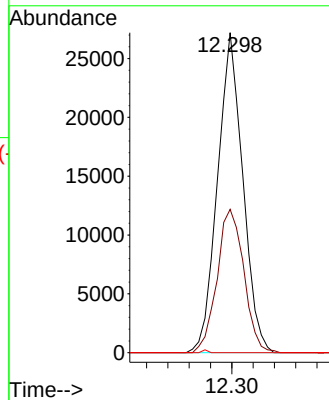
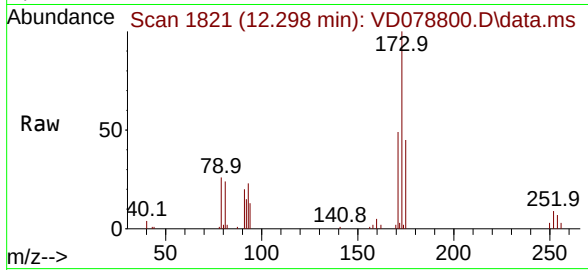




#71
Bromoform
Concen: 67.535 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

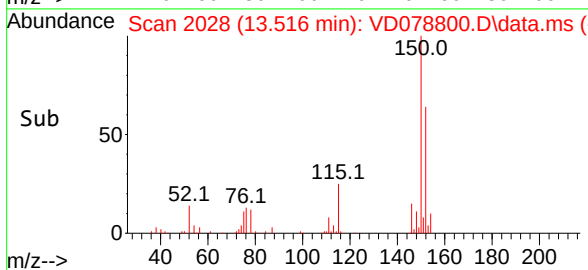
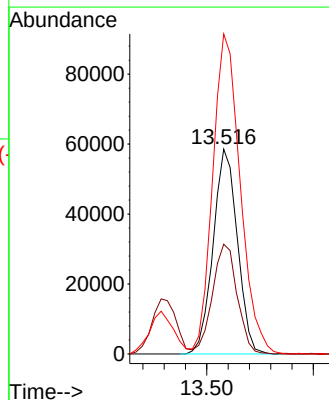
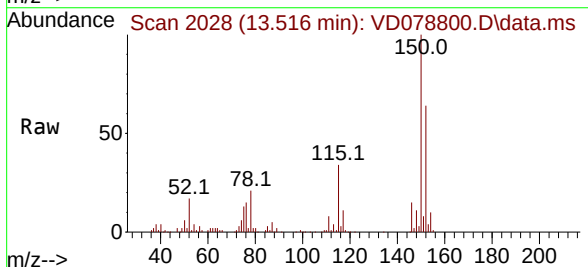
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

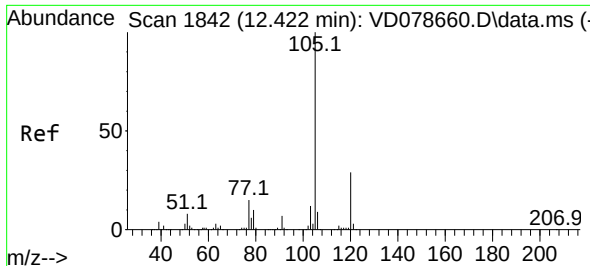
Tgt Ion:173 Resp: 44659
Ion Ratio Lower Upper
173 100
175 47.6 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:152 Resp: 92398
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.2
150 176.7 0.0 350.2

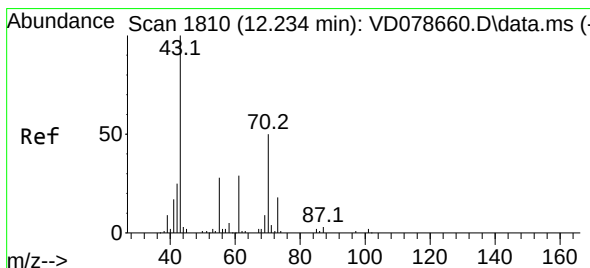
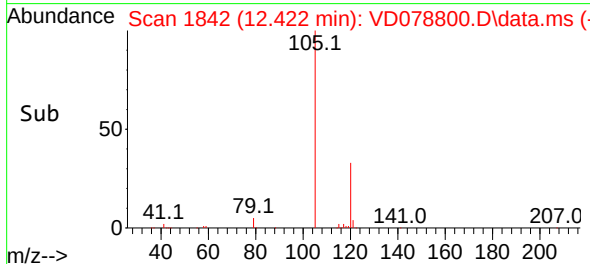
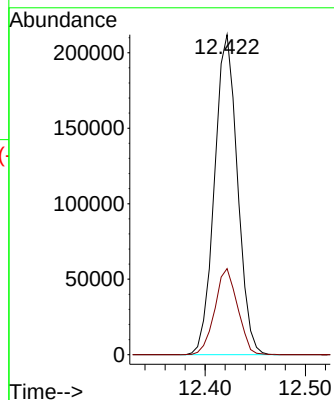
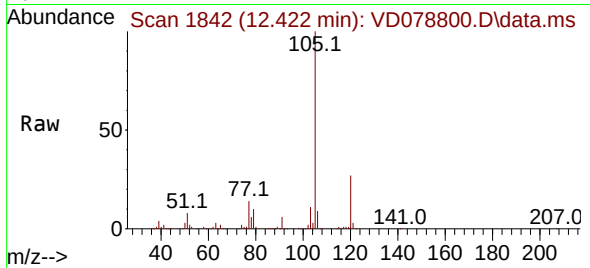




#73
Isopropylbenzene
Concen: 55.332 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

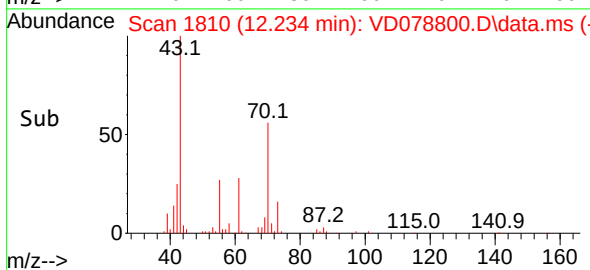
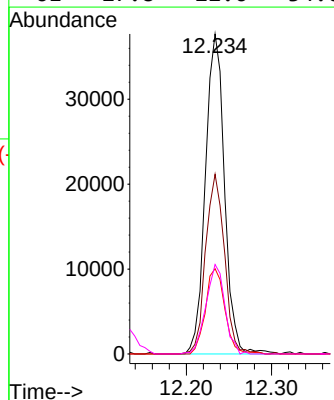
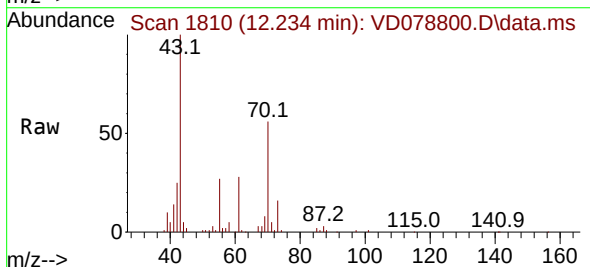
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

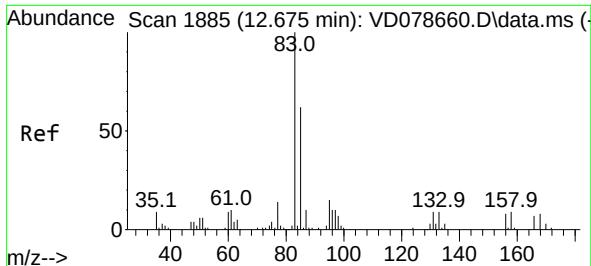
Tgt Ion:105 Resp: 336615
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 59.542 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 43 Resp: 58811
Ion Ratio Lower Upper
43 100
70 55.5 42.1 63.1
55 27.1 22.6 33.8
61 27.8 22.6 34.0

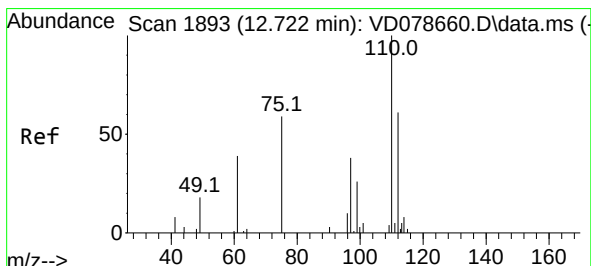
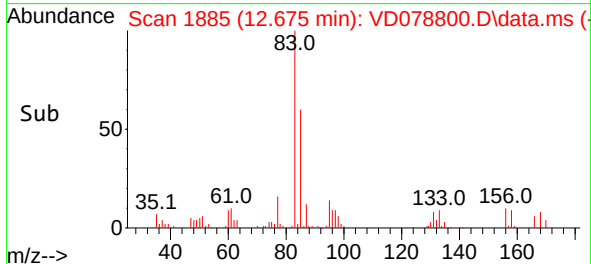
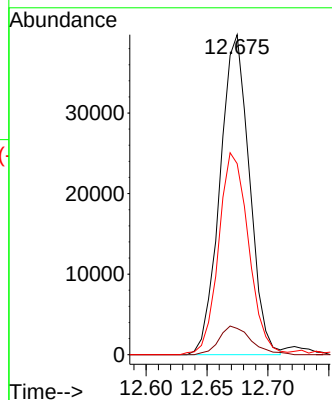
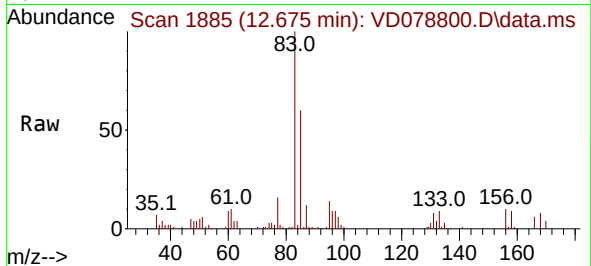




#75
1,1,2,2-Tetrachloroethane
Concen: 59.275 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

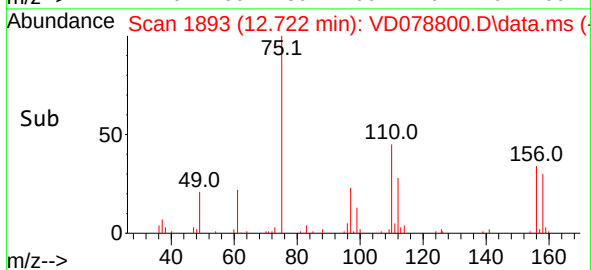
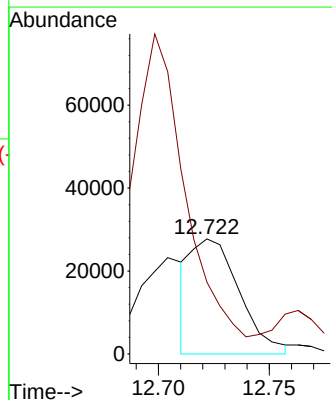
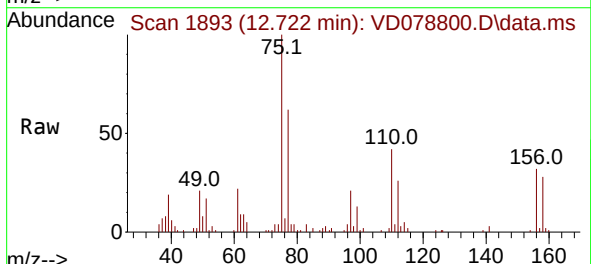
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

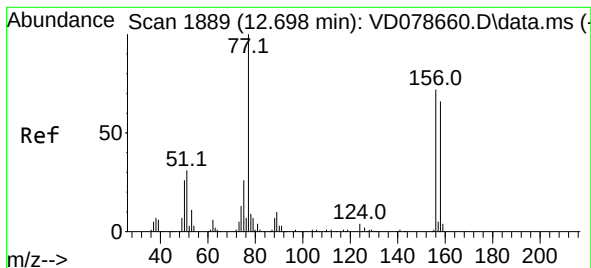
Tgt Ion: 83 Resp: 66754
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 59.377 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 75 Resp: 42269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.285 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

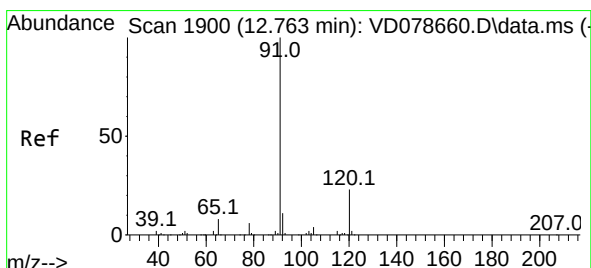
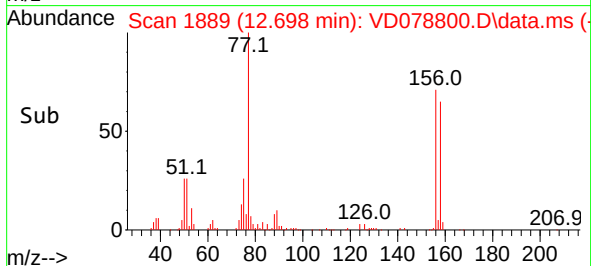
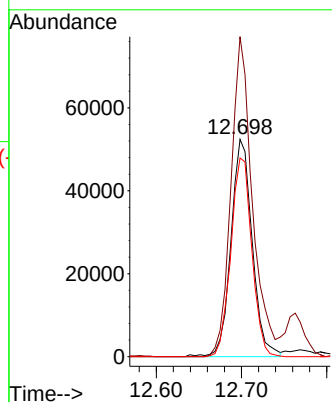
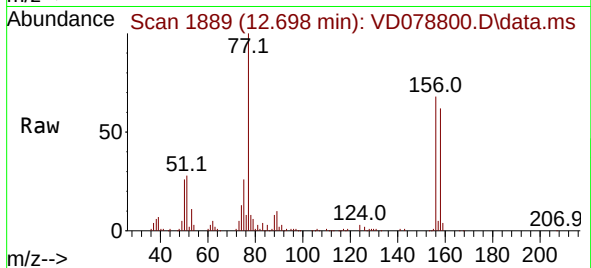
Tgt Ion:156 Resp: 90951

Ion Ratio Lower Upper

156 100

77 147.7 79.1 237.3

158 90.3 47.0 141.0



#78

n-propylbenzene

Concen: 55.662 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078800.D

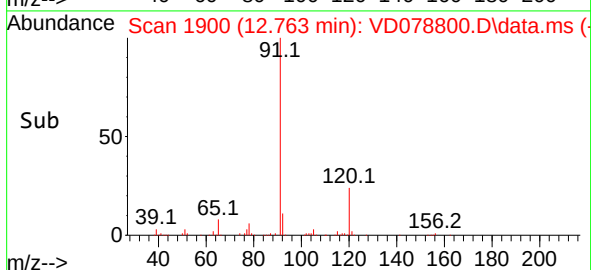
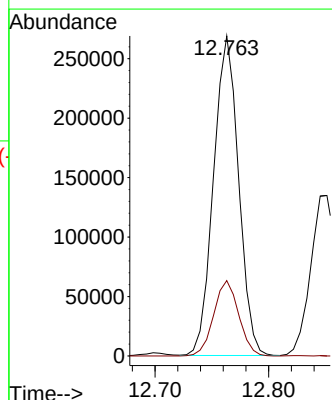
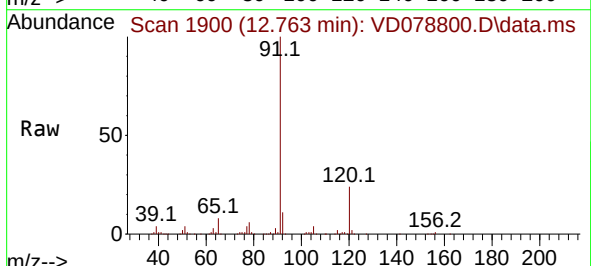
Acq: 29 Mar 2024 19:06

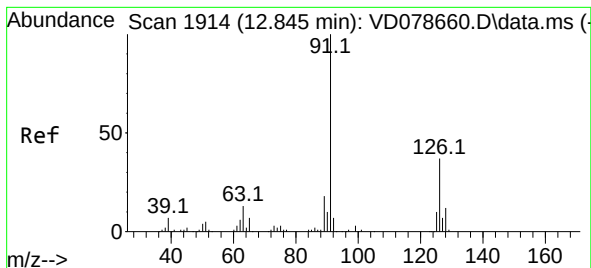
Tgt Ion: 91 Resp: 412184

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 54.855 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

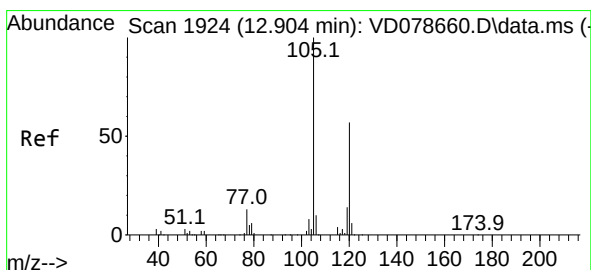
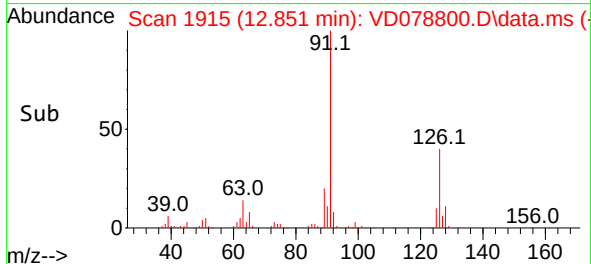
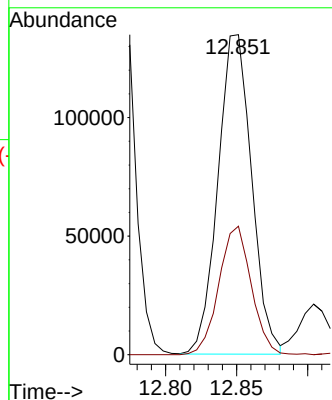
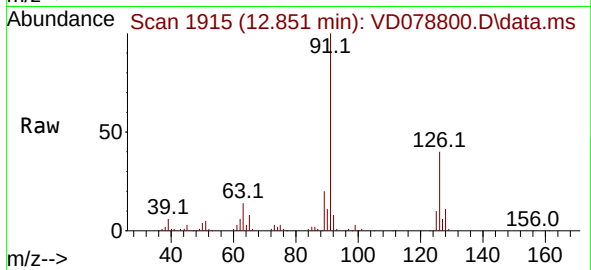
VSTDCCC050EC

Tgt Ion: 91 Resp: 222840

Ion Ratio Lower Upper

91 100

126 38.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.271 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078800.D

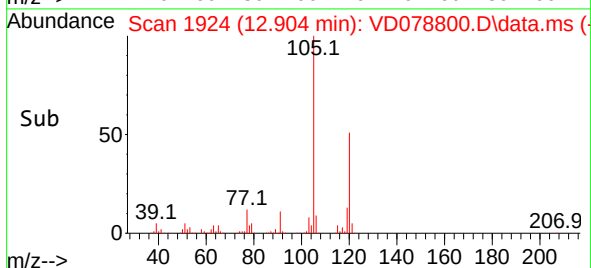
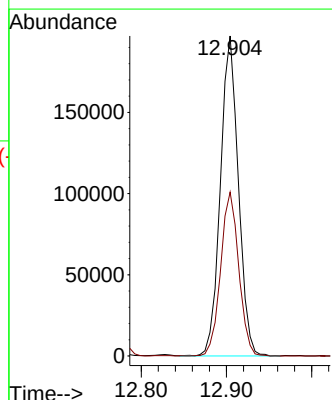
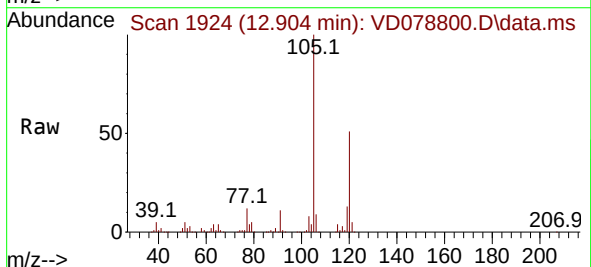
Acq: 29 Mar 2024 19:06

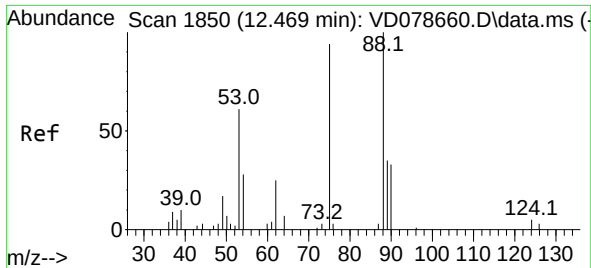
Tgt Ion: 105 Resp: 288114

Ion Ratio Lower Upper

105 100

120 51.6 25.9 77.7

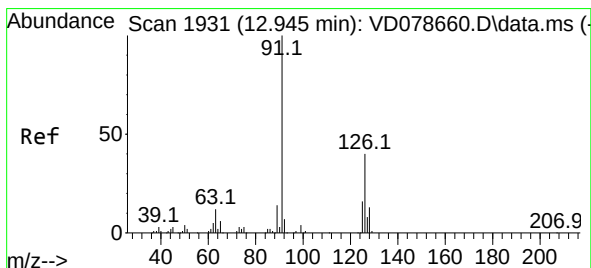
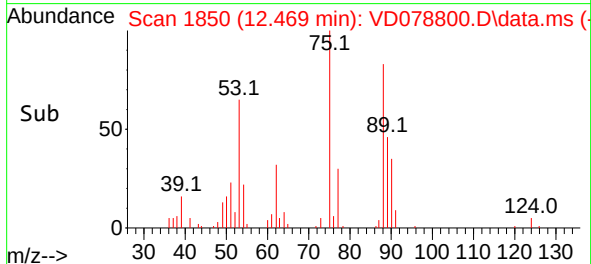
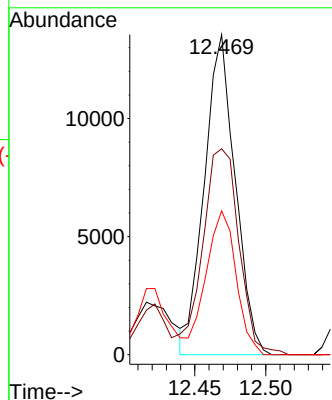
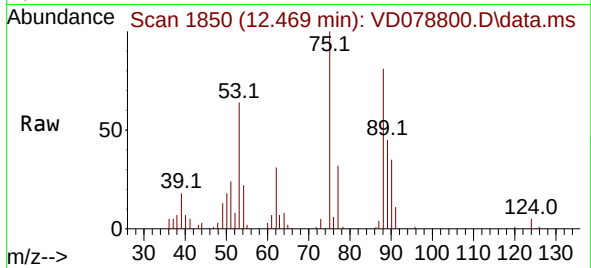




#81
trans-1,4-Dichloro-2-butene
Concen: 60.090 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

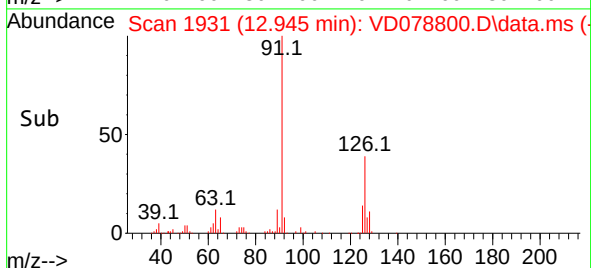
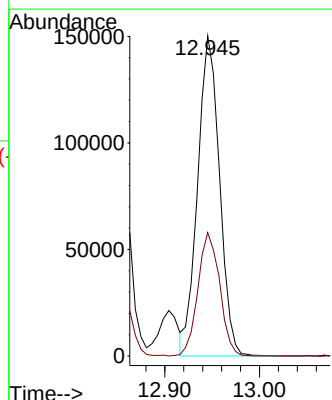
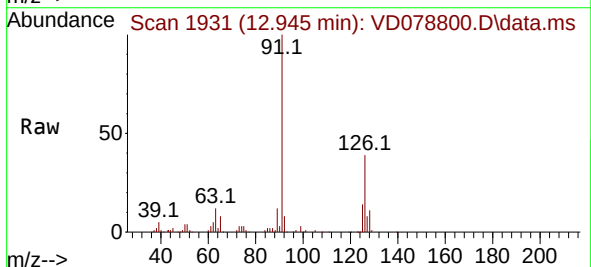
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

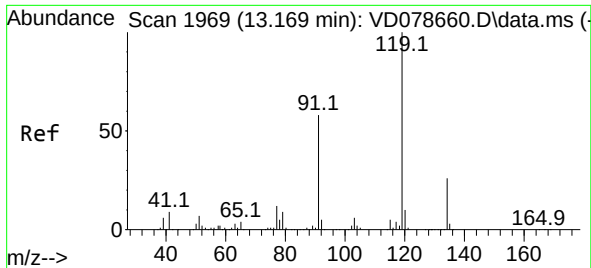
Tgt Ion: 75 Resp: 20407
Ion Ratio Lower Upper
75 100
53 76.4 61.0 91.6
89 43.5 35.4 53.0



#82
4-Chlorotoluene
Concen: 56.088 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 91 Resp: 240995
Ion Ratio Lower Upper
91 100
126 38.3 18.9 56.5

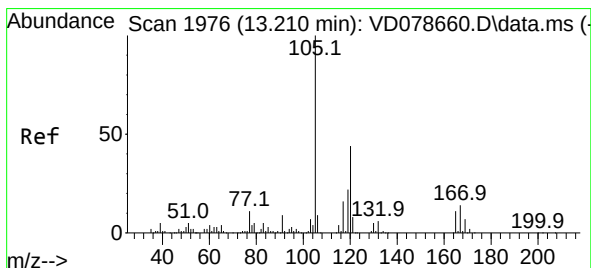
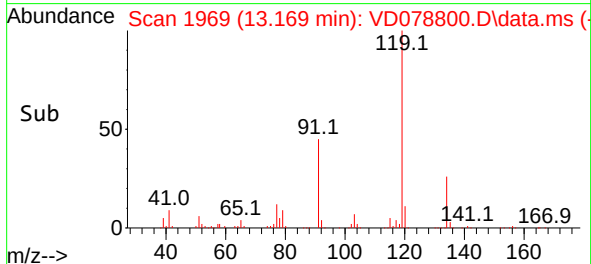
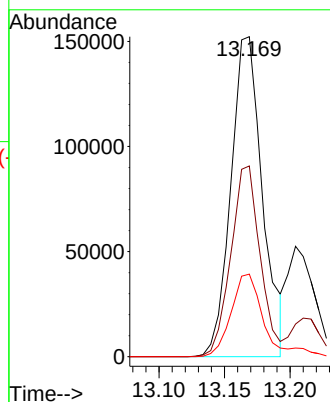
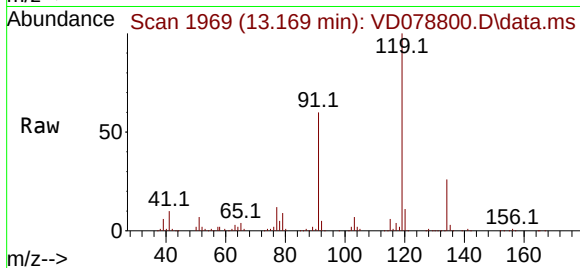




#83
tert-Butylbenzene
Concen: 58.812 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

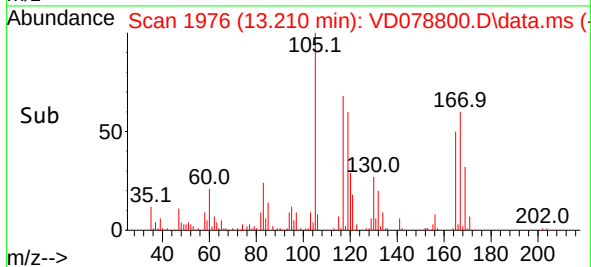
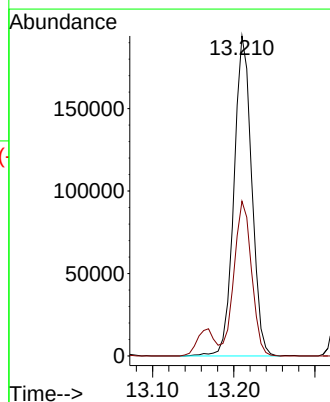
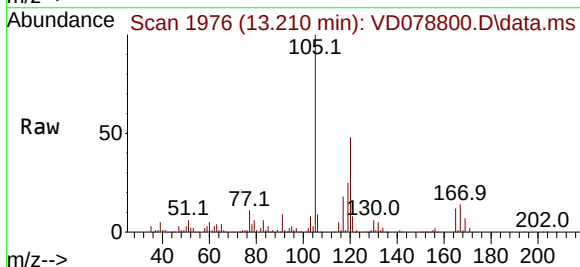
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

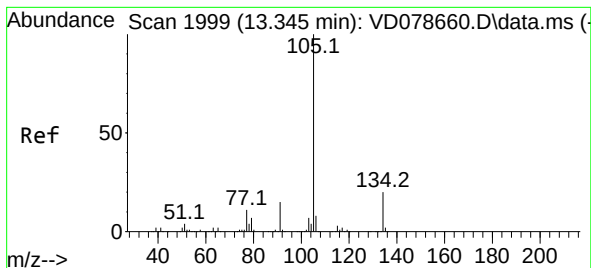
Tgt Ion:119 Resp: 255113
Ion Ratio Lower Upper
119 100
91 55.5 28.9 86.7
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 58.085 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:105 Resp: 294480
Ion Ratio Lower Upper
105 100
120 48.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 57.908 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

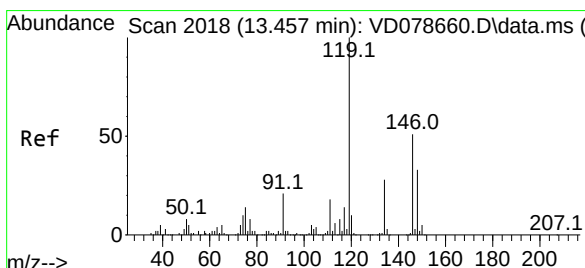
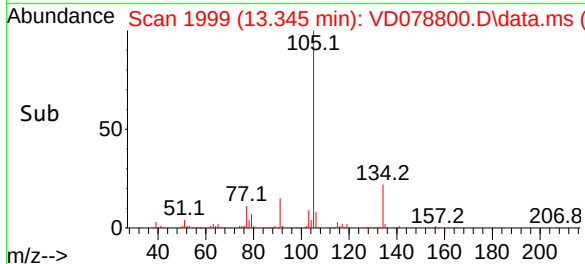
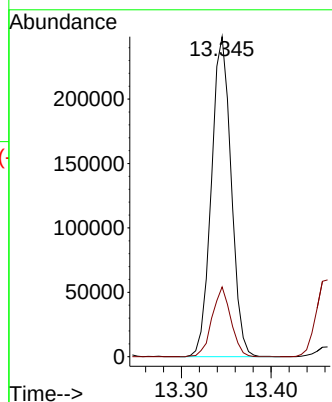
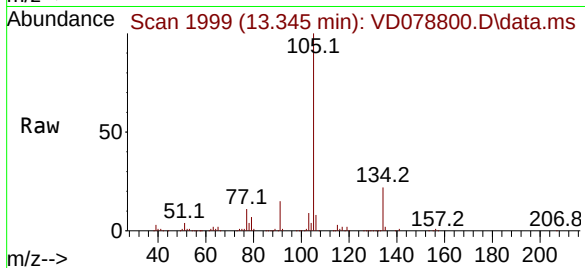
VSTDCCC050EC

Tgt Ion:105 Resp: 380136

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 57.613 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

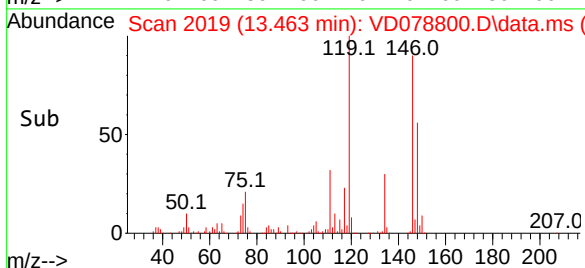
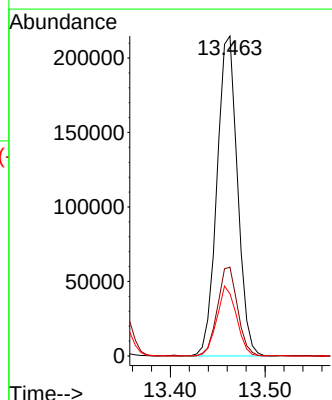
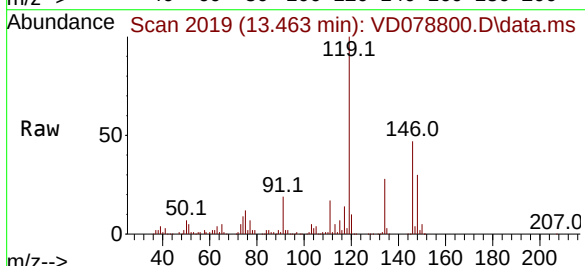
Tgt Ion:119 Resp: 323762

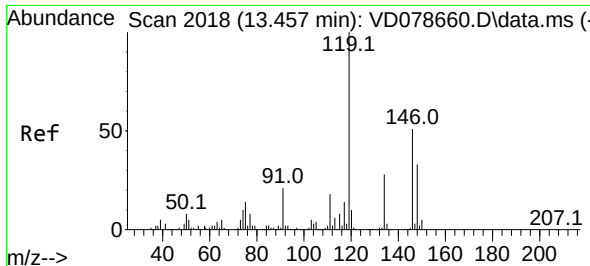
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 20.9 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 56.607 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

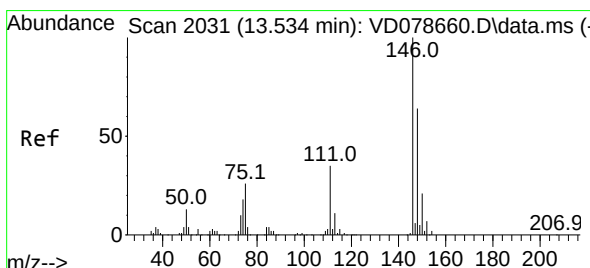
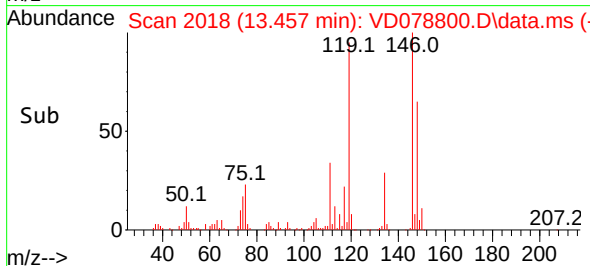
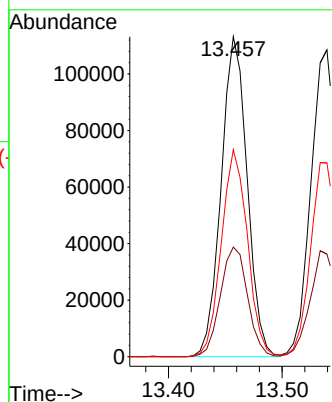
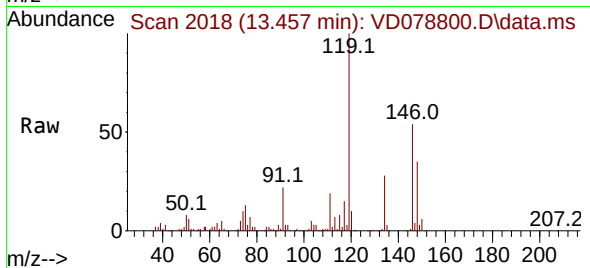
Tgt Ion:146 Resp: 180222

Ion Ratio Lower Upper

146 100

111 35.8 18.2 54.6

148 65.1 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 56.936 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

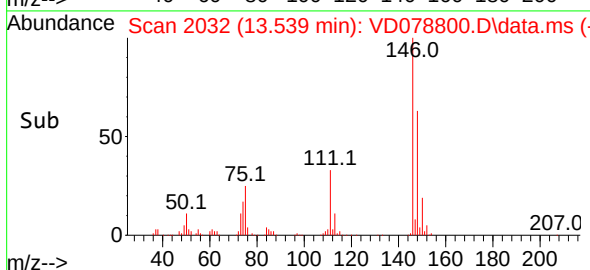
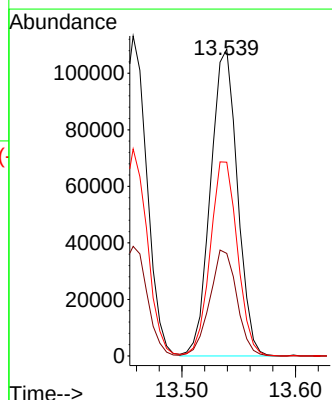
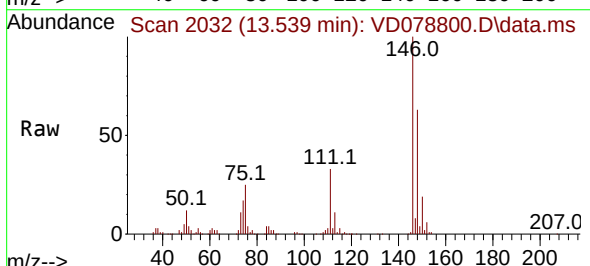
Tgt Ion:146 Resp: 178645

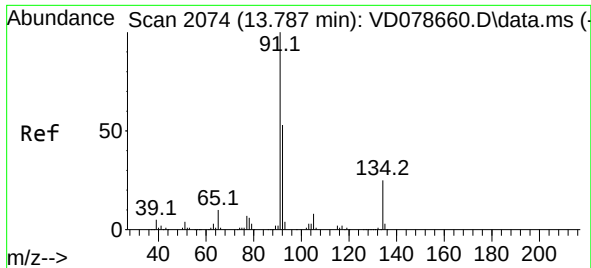
Ion Ratio Lower Upper

146 100

111 34.7 17.8 53.3

148 64.1 32.4 97.0

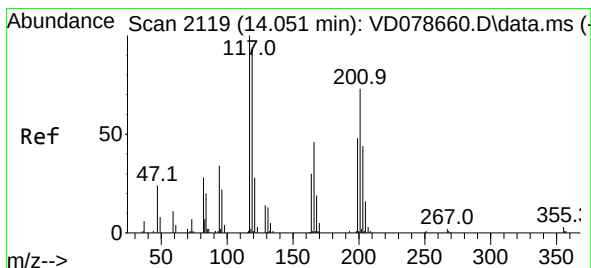
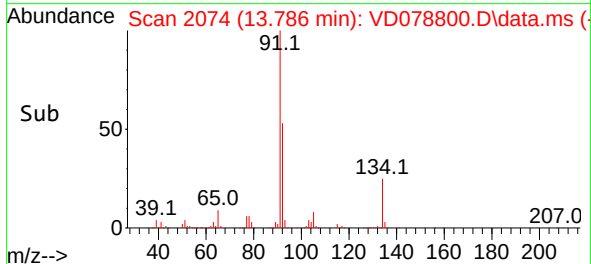
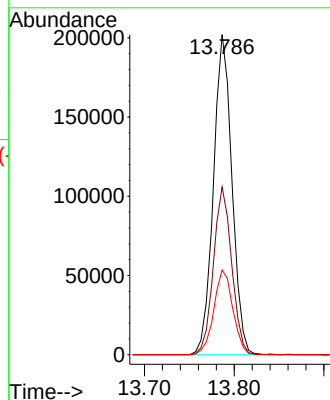
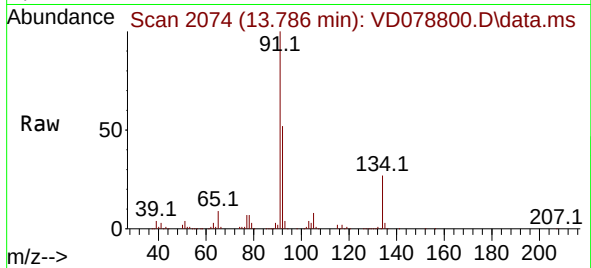




#89
n-Butylbenzene
Concen: 57.043 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

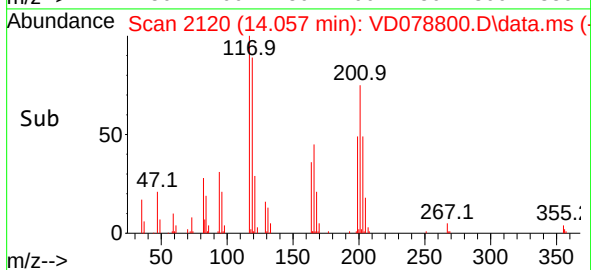
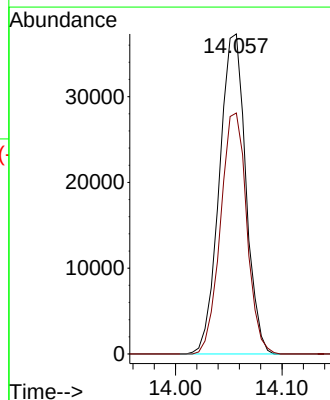
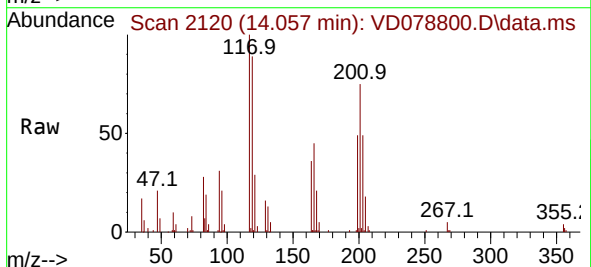
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

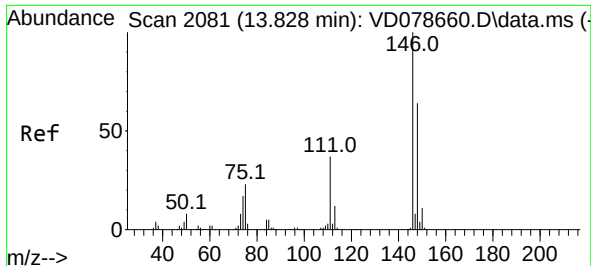
Tgt Ion: 91 Resp: 289506
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 27.2 13.0 38.9



#90
Hexachloroethane
Concen: 55.142 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion: 117 Resp: 64119
Ion Ratio Lower Upper
117 100
201 74.8 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 57.773 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

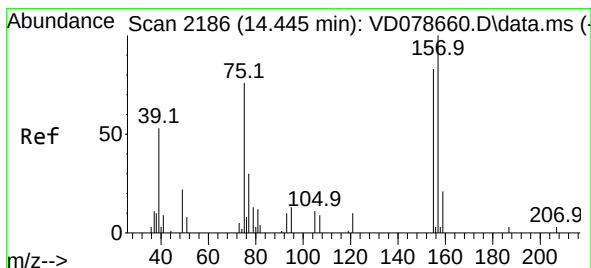
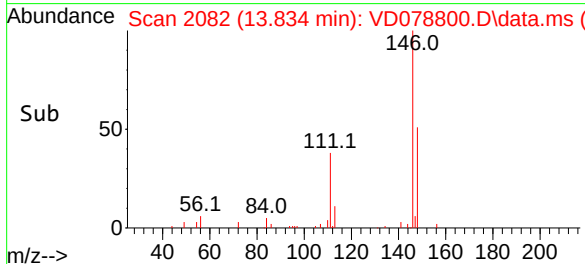
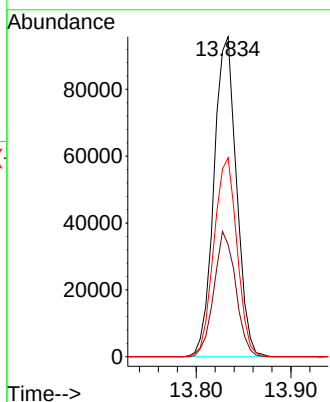
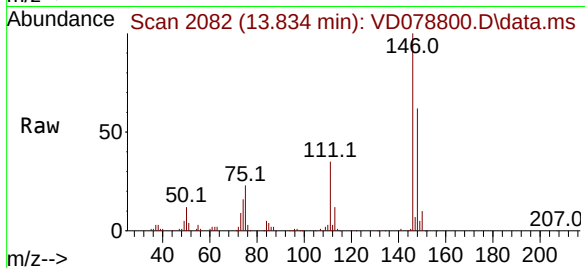
Tgt Ion:146 Resp: 158416

Ion Ratio Lower Upper

146 100

111 37.8 18.6 56.0

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.342 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

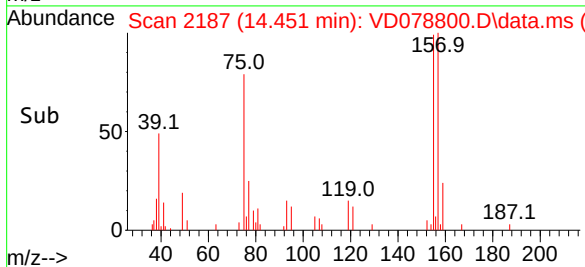
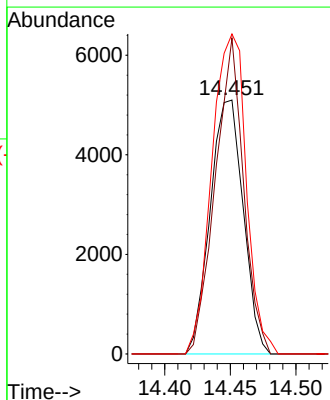
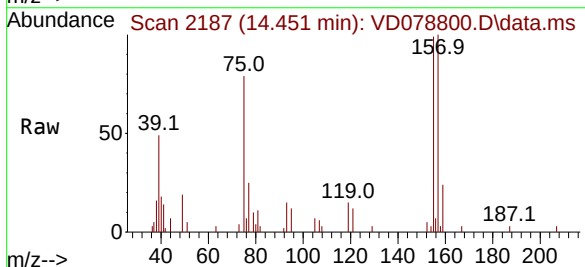
Tgt Ion: 75 Resp: 8940

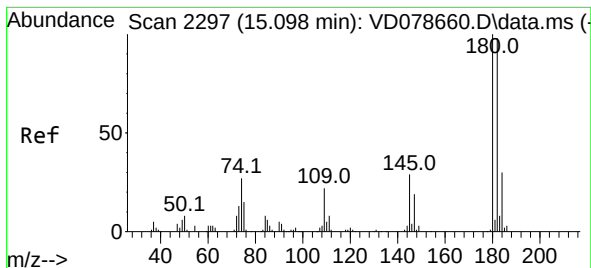
Ion Ratio Lower Upper

75 100

155 106.4 49.8 149.3

157 131.1 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 56.897 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

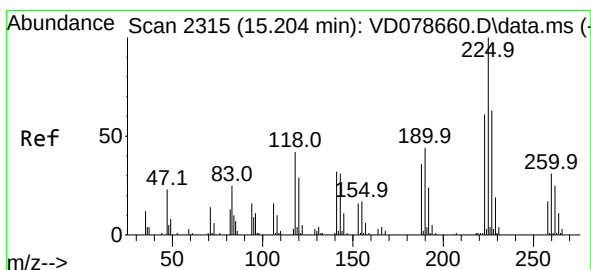
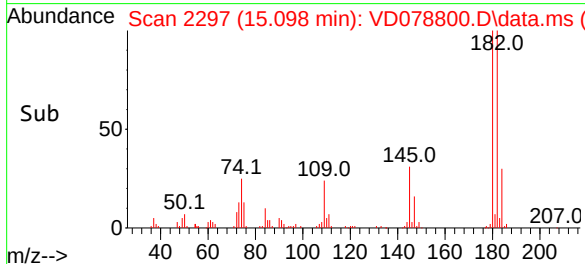
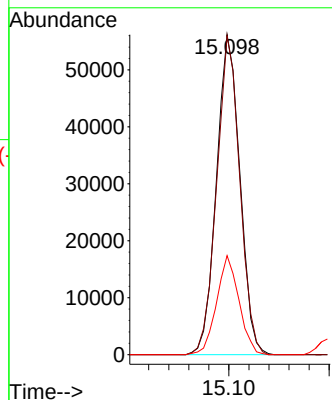
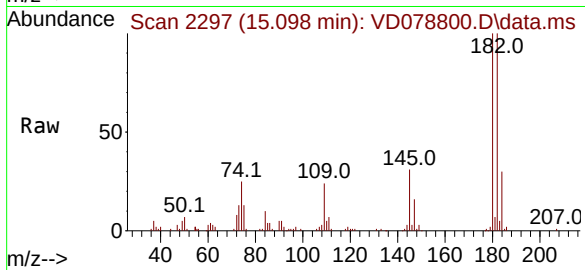
Tgt Ion:180 Resp: 91051

Ion Ratio Lower Upper

180 100

182 98.0 49.7 149.1

145 29.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 57.473 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078800.D

Acq: 29 Mar 2024 19:06

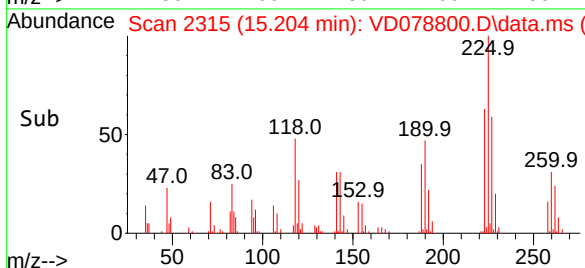
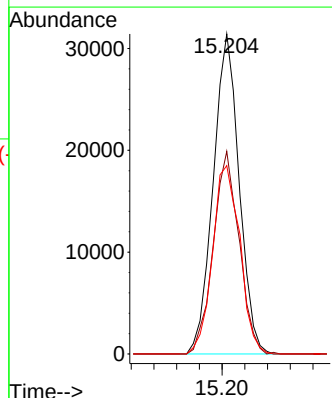
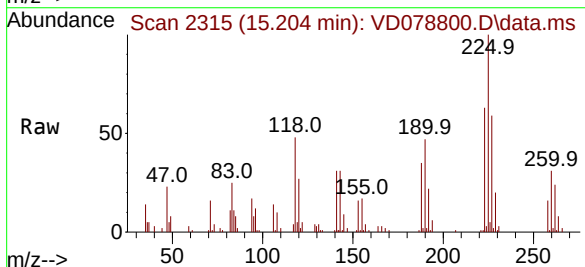
Tgt Ion:225 Resp: 49792

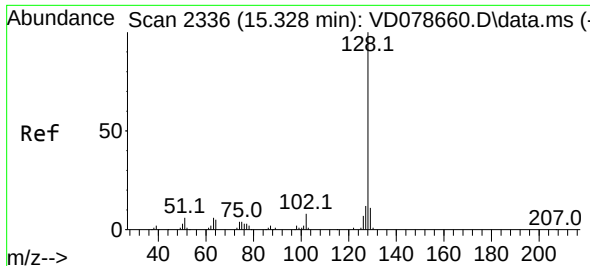
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.7

227 62.0 32.0 96.0

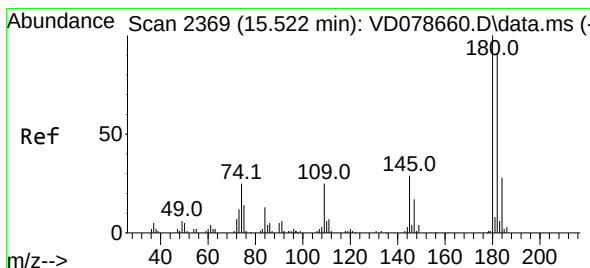
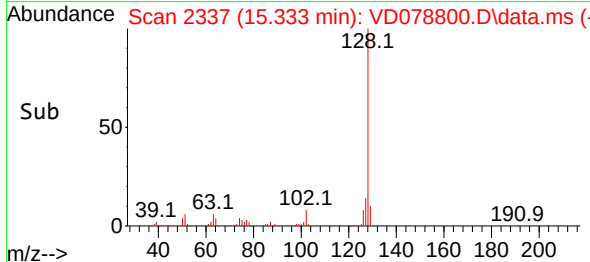
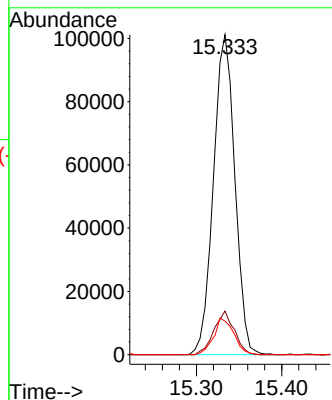
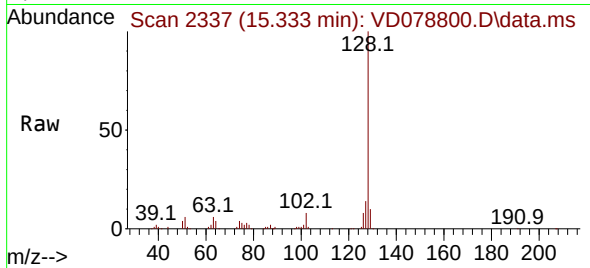




#95
Naphthalene
Concen: 63.514 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 176714
Ion Ratio Lower Upper
128 100
127 13.7 9.3 13.9
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 60.981 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078800.D
Acq: 29 Mar 2024 19:06

Tgt Ion:180 Resp: 84424
Ion Ratio Lower Upper
180 100
182 92.1 46.7 140.1
145 30.6 14.4 43.4

