

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078667.D
 Acq On : 14 Mar 2024 15:28
 Operator : RP/MD
 Sample : VD0314SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 05:49:06 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	7.875	168	126325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53304	45.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.060%
35) Dibromofluoromethane	7.805	113	61130	44.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.380%
50) Toluene-d8	10.269	98	234418	46.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.569	95	68305	46.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25905	22.033	ug/l	91
3) Chloromethane	2.146	50	42386	22.832	ug/l	98
4) Vinyl Chloride	2.281	62	63213	23.083	ug/l	97
5) Bromomethane	2.687	94	55470	21.156	ug/l	96
6) Chloroethane	2.834	64	49236	23.054	ug/l	98
7) Trichlorofluoromethane	3.175	101	46022	21.243	ug/l	100
8) Diethyl Ether	3.593	74	12678	20.043	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	28876	21.238	ug/l	97
10) Methyl Iodide	4.164	142	31223	19.413	ug/l	99
11) Tert butyl alcohol	5.058	59	5197	98.091	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	27294	21.117	ug/l #	85
13) Acrolein	3.799	56	8655	104.284	ug/l	97
14) Allyl chloride	4.564	41	29254	20.284	ug/l	97
15) Acrylonitrile	5.258	53	27127	106.384	ug/l	99
16) Acetone	4.022	43	22813	99.651	ug/l	95
17) Carbon Disulfide	4.269	76	92170	21.752	ug/l #	94
18) Methyl Acetate	4.569	43	9212	18.750	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	54083	20.749	ug/l	95
20) Methylene Chloride	4.805	84	37915	21.518	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	32049	21.014	ug/l	89
22) Diisopropyl ether	6.216	45	68475	20.883	ug/l	96
23) Vinyl Acetate	6.158	43	201095	104.846	ug/l	98
24) 1,1-Dichloroethane	6.111	63	51320	20.876	ug/l	97
25) 2-Butanone	7.081	43	30368	99.775	ug/l	95
26) 2,2-Dichloropropane	7.075	77	42140	20.260	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	35231	20.253	ug/l	98
28) Bromochloromethane	7.422	49	17767	20.272	ug/l	97
29) Tetrahydrofuran	7.446	42	18161	109.705	ug/l	93
30) Chloroform	7.593	83	56894	20.756	ug/l	97
31) Cyclohexane	7.875	56	41573	20.892	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	47221	20.305	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41116	20.717	ug/l	99
37) Ethyl Acetate	7.169	43	12293	18.960	ug/l #	93
38) Carbon Tetrachloride	7.993	117	44059	21.058	ug/l	95
39) Methylcyclohexane	9.275	83	48338	20.996	ug/l	96
40) Benzene	8.252	78	126350	21.061	ug/l	95

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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)
41) Methacrylonitrile	7.399	41	5654	16.641	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	31332	21.416	ug/l	98
43) Isopropyl Acetate	8.363	43	24079	20.421	ug/l #	86
44) Trichloroethene	9.028	130	33967	20.863	ug/l	93
45) 1,2-Dichloropropane	9.304	63	29772	20.920	ug/l	91
46) Dibromomethane	9.393	93	17576	20.602	ug/l	95
47) Bromodichloromethane	9.581	83	42077	20.718	ug/l	95
48) Methyl methacrylate	9.381	41	11732	20.421	ug/l	97
49) 1,4-Dioxane	9.387	88	3775	477.915	ug/l	86
51) 4-Methyl-2-Pentanone	10.157	43	62123	100.779	ug/l	98
52) Toluene	10.334	92	79660	20.624	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	37356	20.118	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	46005	20.609	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	24125	21.117	ug/l	98
56) Ethyl methacrylate	10.599	69	23088	20.160	ug/l	94
57) 1,3-Dichloropropane	10.881	76	38011	20.620	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	41078	81.345	ug/l	97
59) 2-Hexanone	10.922	43	47425	103.783	ug/l	96
60) Dibromochloromethane	11.075	129	27882	19.790	ug/l	94
61) 1,2-Dibromoethane	11.175	107	22146	20.031	ug/l	97
64) Tetrachloroethene	10.810	164	27685	20.696	ug/l	95
65) Chlorobenzene	11.604	112	86896	20.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	31819	20.569	ug/l	98
67) Ethyl Benzene	11.681	91	147035	20.427	ug/l	98
68) m/p-Xylenes	11.793	106	117481	40.193	ug/l	100
69) o-Xylene	12.116	106	52822	19.532	ug/l	97
70) Styrene	12.134	104	90601	19.960	ug/l	98
71) Bromoform	12.293	173	16979	20.309	ug/l #	95
73) Isopropylbenzene	12.422	105	137744	20.437	ug/l	100
74) N-amyl acetate	12.228	43	23432	21.413	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	26078	20.901	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	30118	38.187	ug/l #	100
77) Bromobenzene	12.698	156	34793	20.815	ug/l	100
78) n-propylbenzene	12.763	91	176350	21.495	ug/l	99
79) 2-Chlorotoluene	12.845	91	94055	20.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	117712	21.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	7038	18.705	ug/l	92
82) 4-Chlorotoluene	12.945	91	99893	20.984	ug/l	99
83) tert-Butylbenzene	13.163	119	100782	20.971	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	117480	20.915	ug/l	97
85) sec-Butylbenzene	13.345	105	153576	21.116	ug/l	98
86) p-Isopropyltoluene	13.457	119	127522	20.482	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72405	20.527	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	73034	21.009	ug/l	98
89) n-Butylbenzene	13.787	91	121137	21.544	ug/l	99
90) Hexachloroethane	14.051	117	27816	21.592	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	60227	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3355	20.101	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	35706	20.139	ug/l	95
94) Hexachlorobutadiene	15.204	225	19509	20.325	ug/l	98
95) Naphthalene	15.334	128	60191	19.527	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30367	19.798	ug/l	94

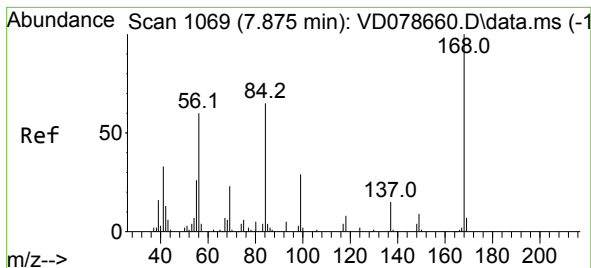
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
Data File : VD078667.D
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

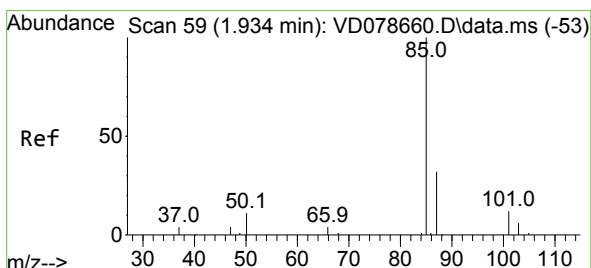
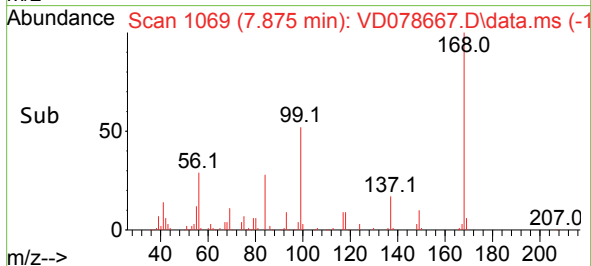
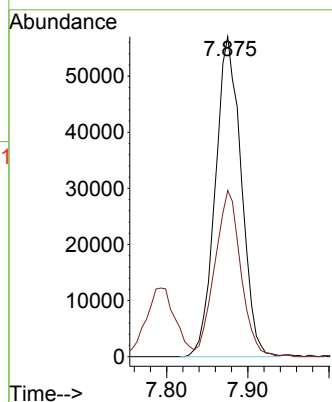
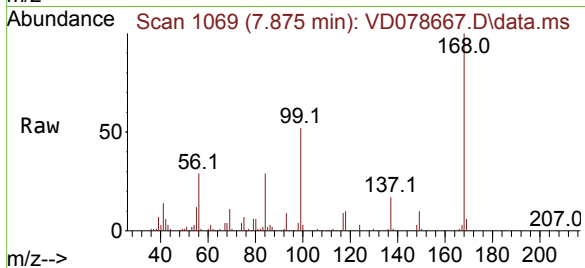
VD0314SBS01

Tgt Ion:168 Resp: 126325

Ion Ratio Lower Upper

168 100

99 51.6 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 22.033 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078667.D

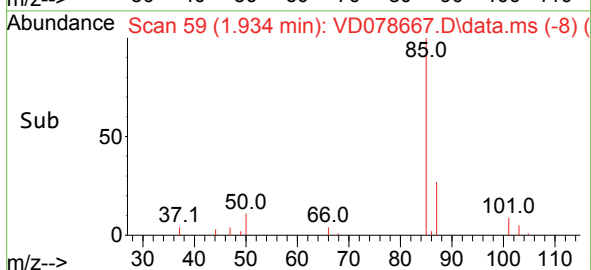
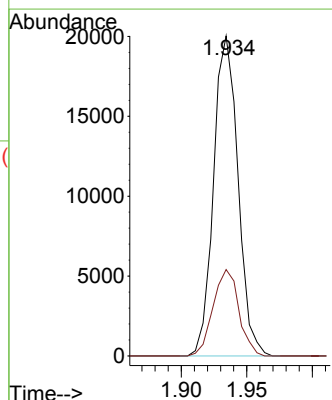
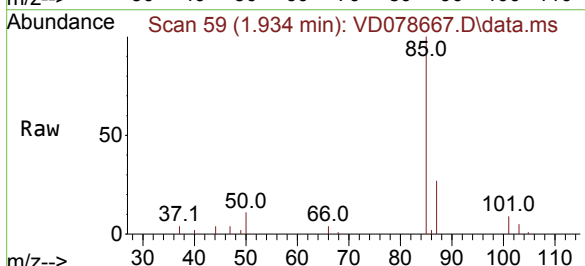
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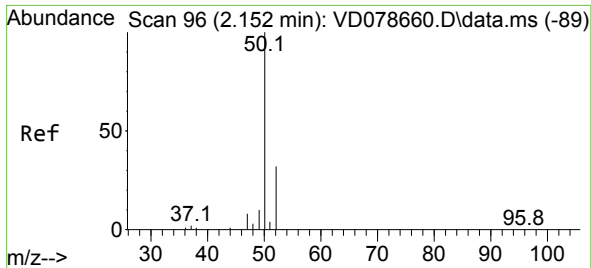
Tgt Ion: 85 Resp: 25905

Ion Ratio Lower Upper

85 100

87 27.0 16.2 48.5

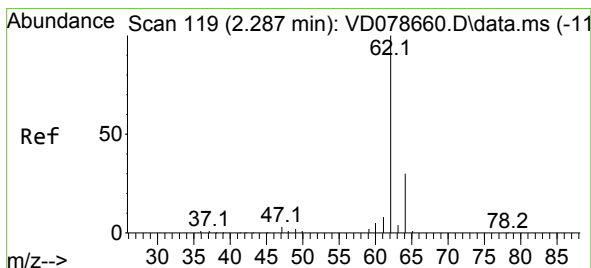
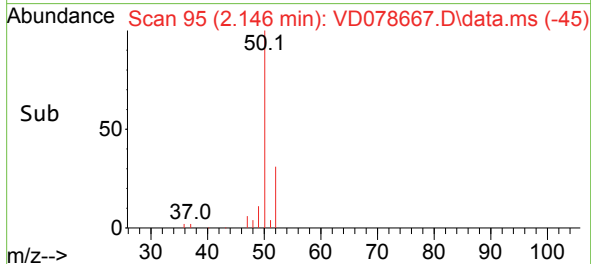
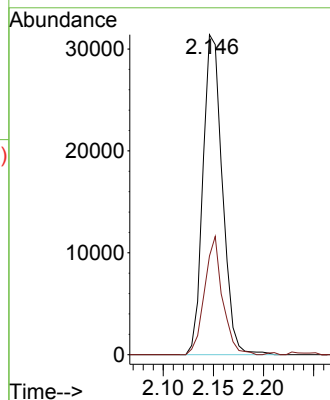
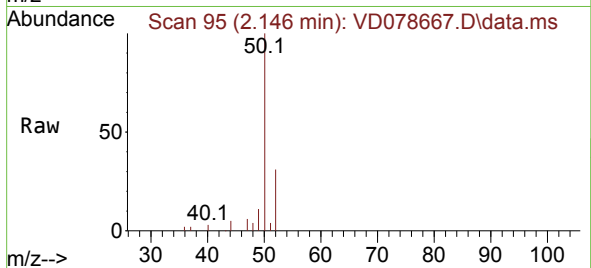




#3
Chloromethane
Concen: 22.832 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

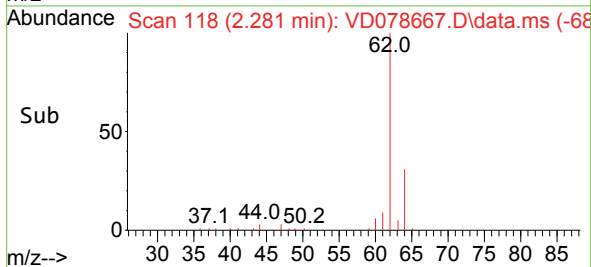
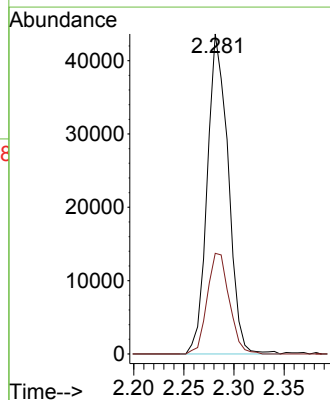
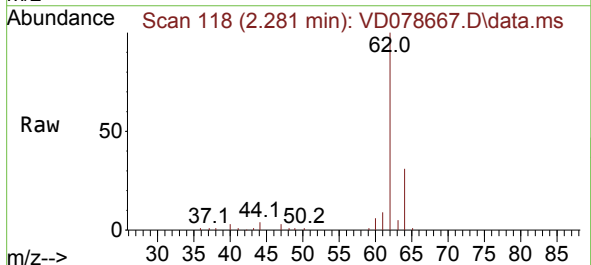
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

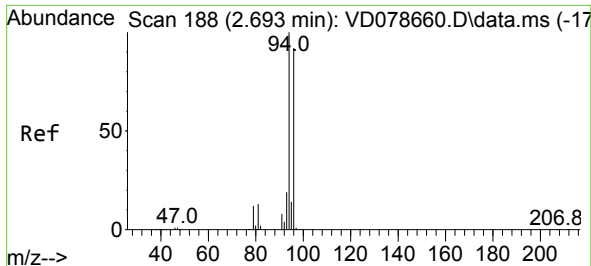
Tgt Ion: 50 Resp: 42386
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4



#4
Vinyl Chloride
Concen: 23.083 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 62 Resp: 63213
Ion Ratio Lower Upper
62 100
64 31.4 23.7 35.5

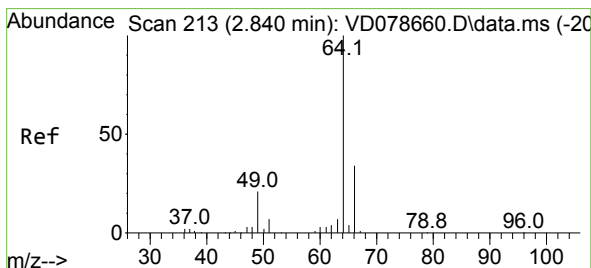
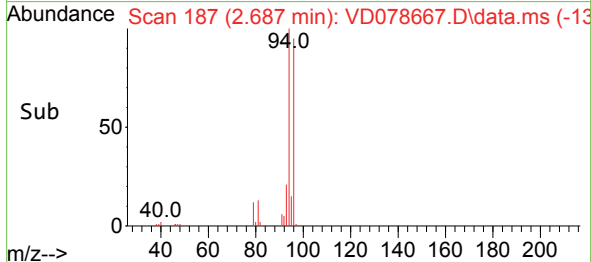
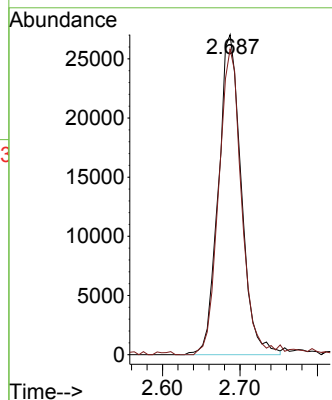
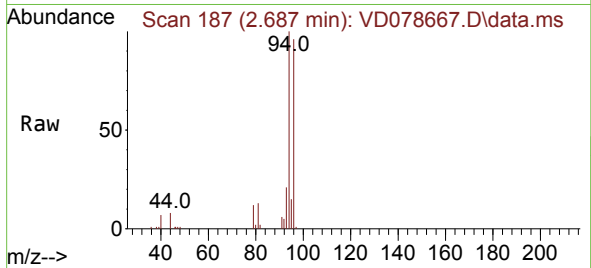




#5
Bromomethane
Concen: 21.156 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

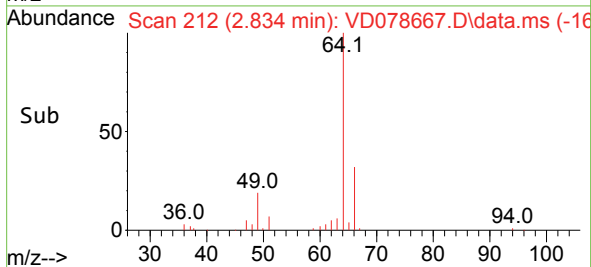
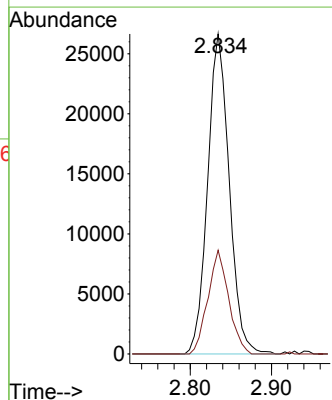
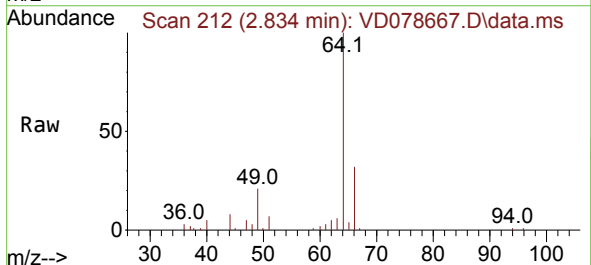
Instrument :
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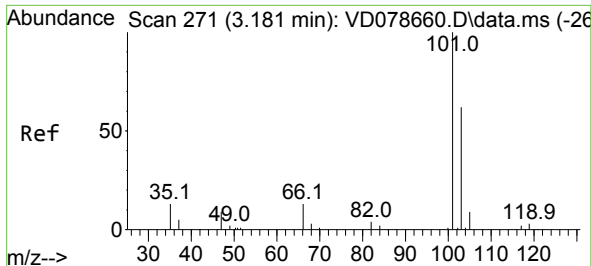
Tgt Ion: 94 Resp: 55470
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 23.054 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 64 Resp: 49236
Ion Ratio Lower Upper
64 100
66 32.4 26.8 40.2

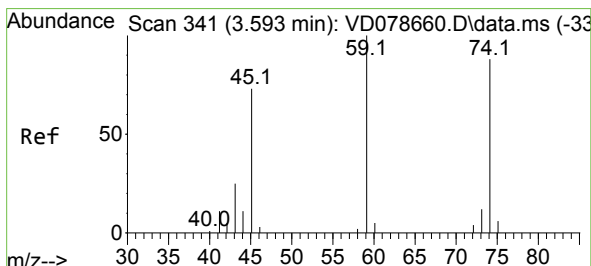
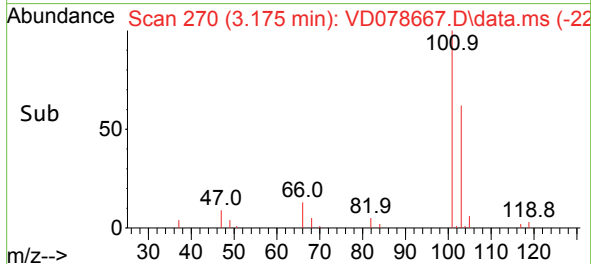
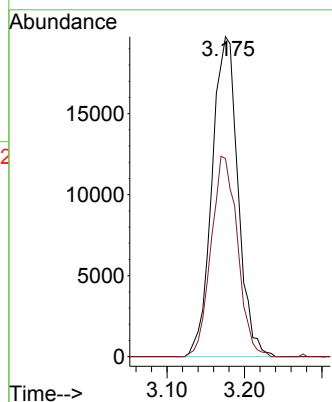
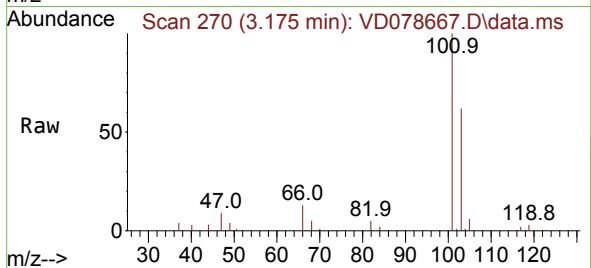




#7
Trichlorofluoromethane
Concen: 21.243 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

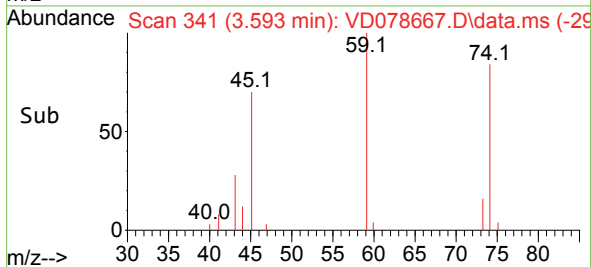
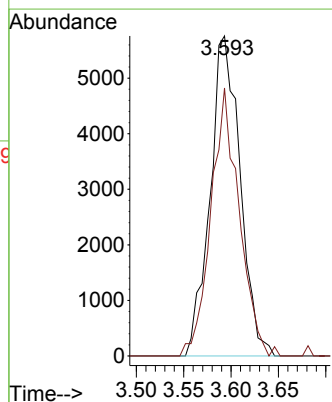
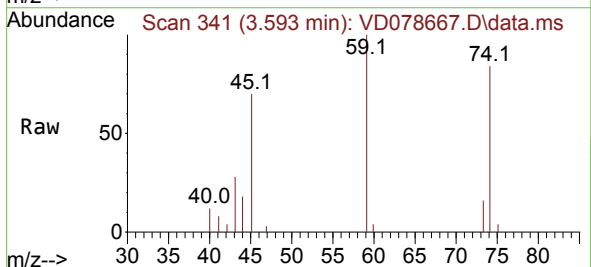
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

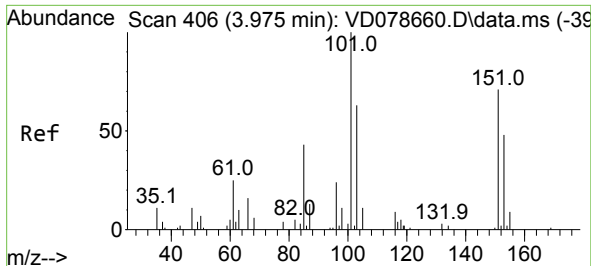
Tgt Ion:101 Resp: 46022
Ion Ratio Lower Upper
101 100
103 61.9 49.7 74.5



#8
Diethyl Ether
Concen: 20.043 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 74 Resp: 12678
Ion Ratio Lower Upper
74 100
45 78.8 42.4 127.3

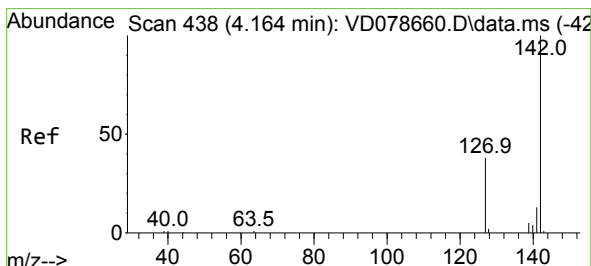
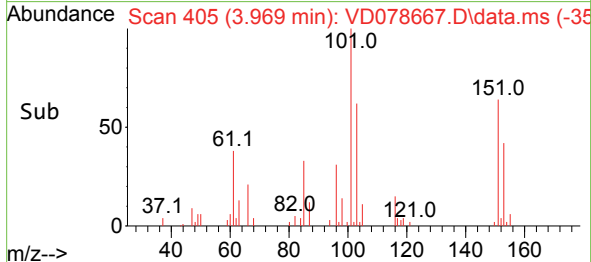
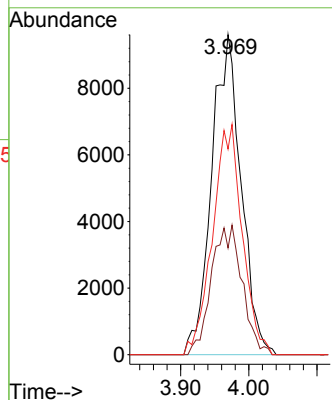
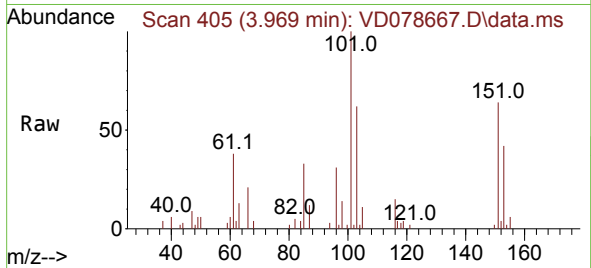




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.238 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

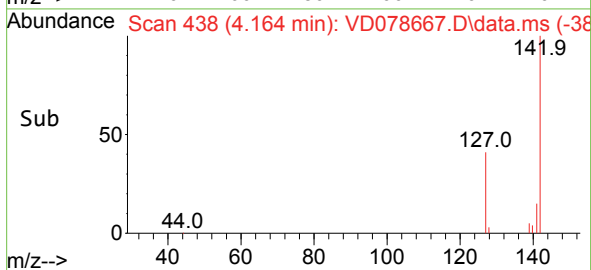
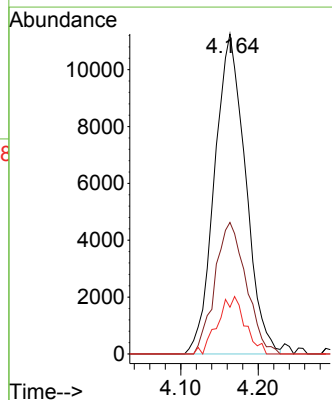
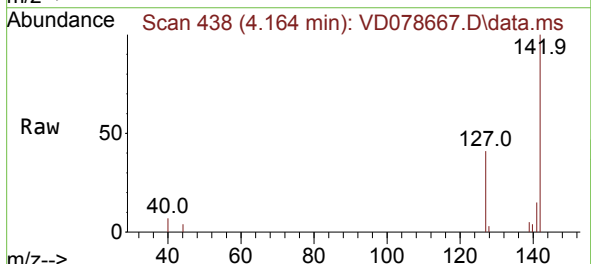
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

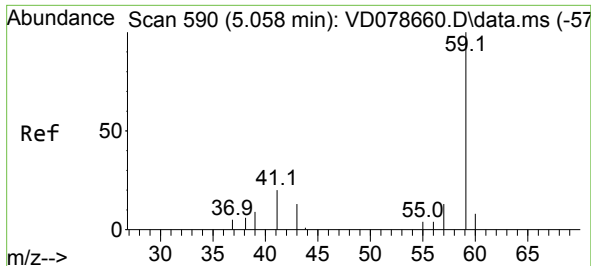
Tgt Ion:101 Resp: 28876
Ion Ratio Lower Upper
101 100
85 42.2 35.8 53.6
151 72.6 59.4 89.2



#10
Methyl Iodide
Concen: 19.413 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:142 Resp: 31223
Ion Ratio Lower Upper
142 100
127 41.6 33.5 50.3
141 15.9 11.7 17.5

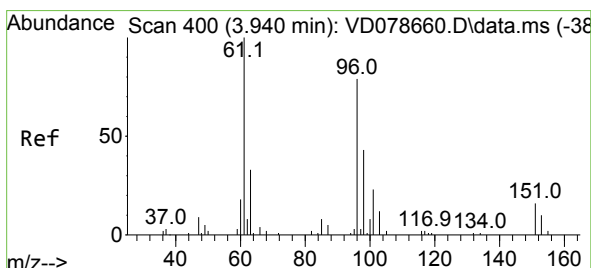
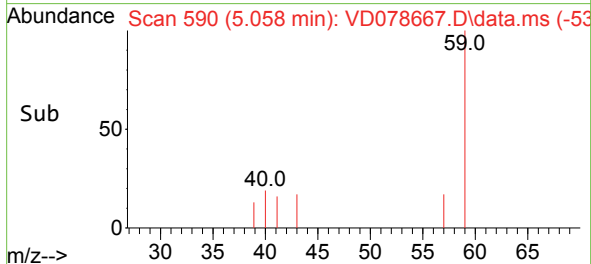
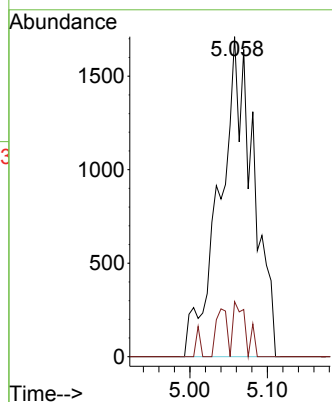
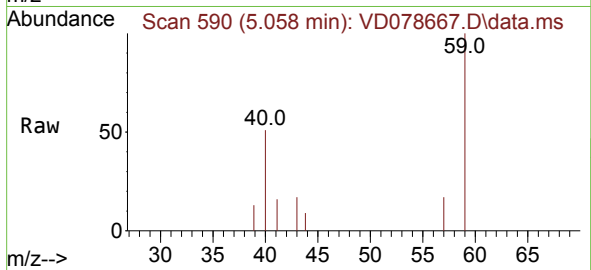




#11
Tert butyl alcohol
Concen: 98.091 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

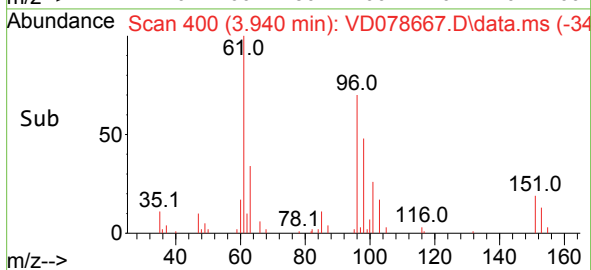
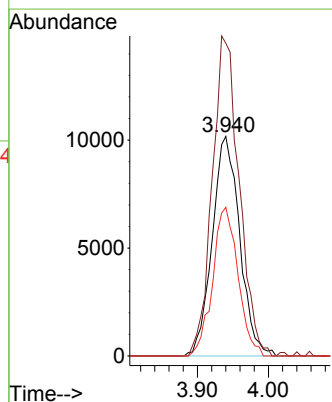
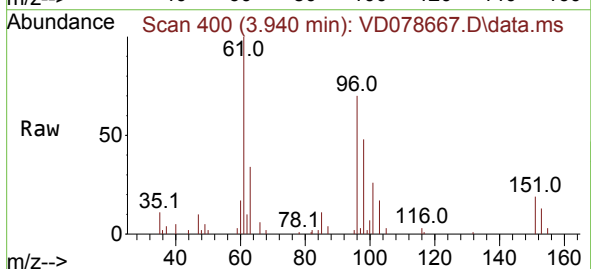
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

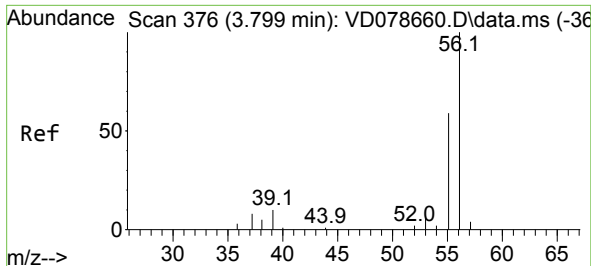
Tgt Ion: 59 Resp: 5197
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 21.117 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 96 Resp: 27294
Ion Ratio Lower Upper
96 100
61 142.5 101.4 152.0
98 67.7 43.4 65.0#





#13

Acrolein

Concen: 104.284 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

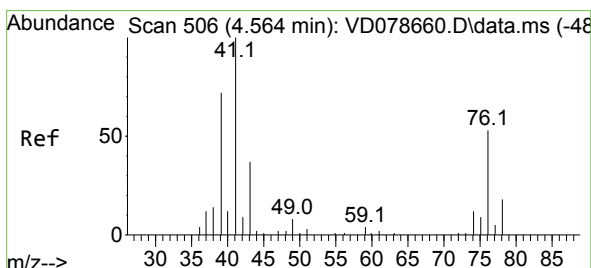
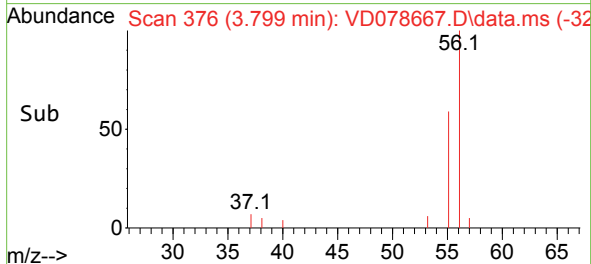
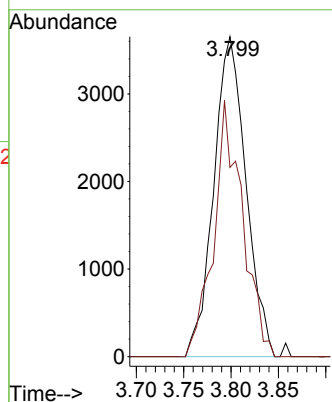
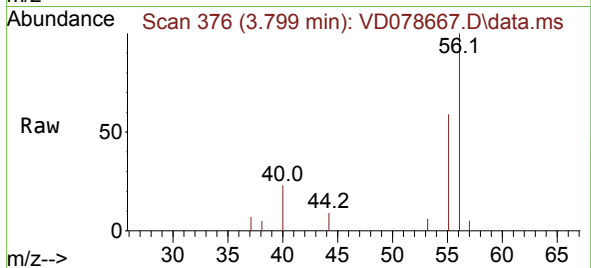
VD0314SBS01

Tgt Ion: 56 Resp: 8655

Ion Ratio Lower Upper

56 100

55 71.4 54.9 82.3



#14

Allyl chloride

Concen: 20.284 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

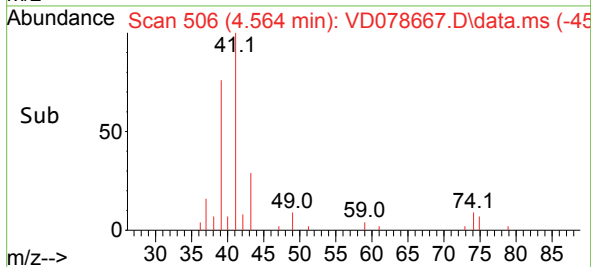
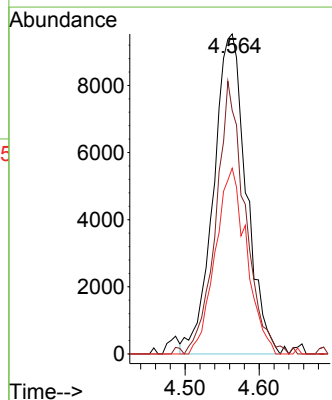
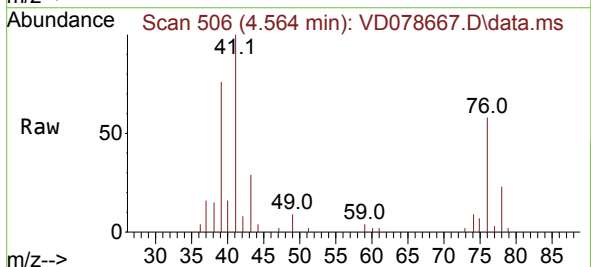
Tgt Ion: 41 Resp: 29254

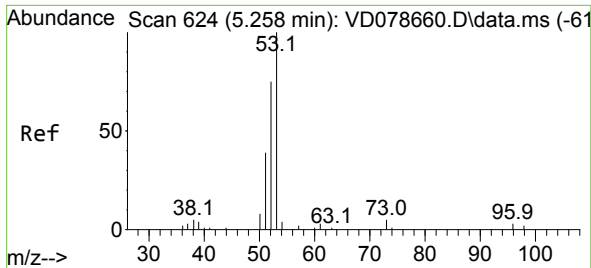
Ion Ratio Lower Upper

41 100

39 75.9 57.8 86.6

76 55.5 44.8 67.2

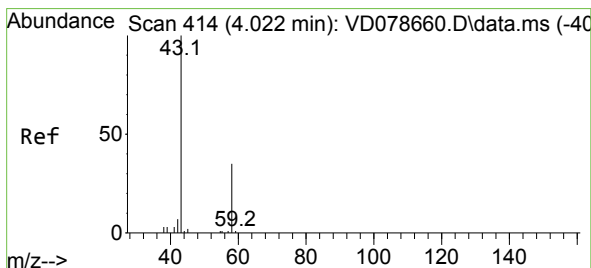
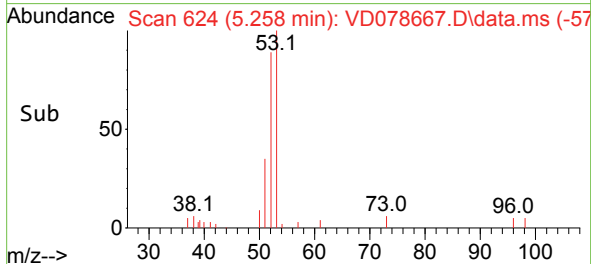
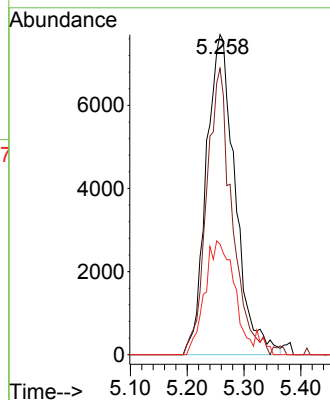
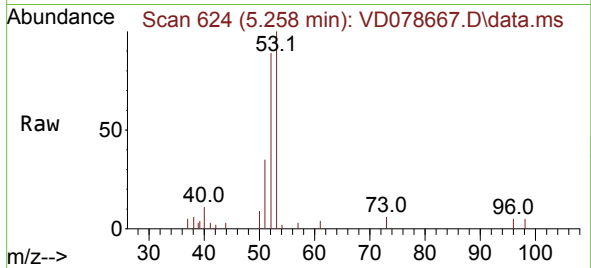




#15
Acrylonitrile
Concen: 106.384 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

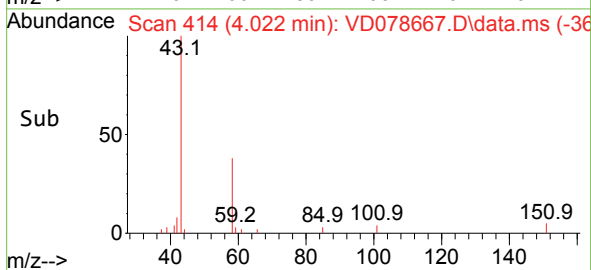
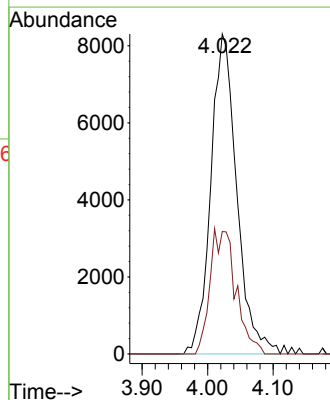
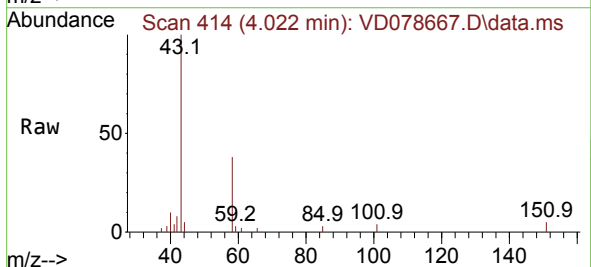
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

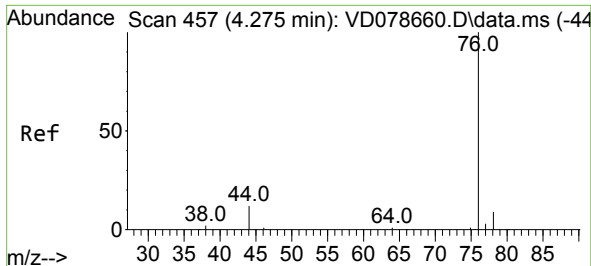
Tgt Ion:	53	Resp:	27127
Ion	Ratio	Lower	Upper
53	100		
52	78.5	61.9	92.9
51	36.4	29.0	43.4



#16
Acetone
Concen: 99.651 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:	43	Resp:	22813
Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.2	42.4

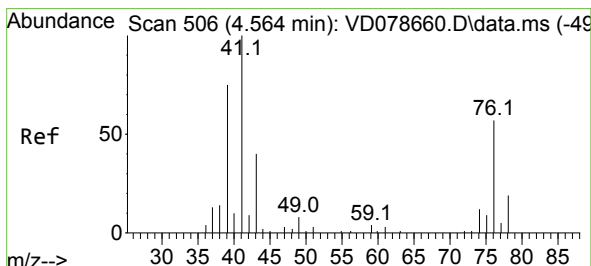
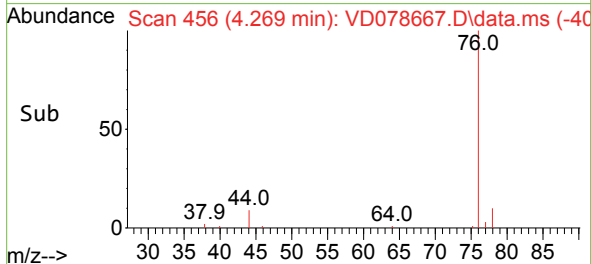
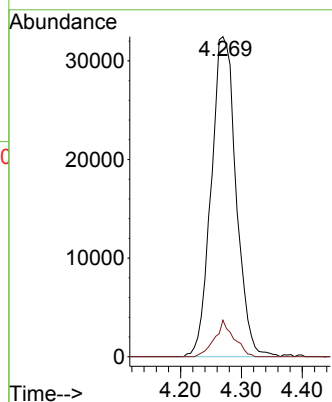
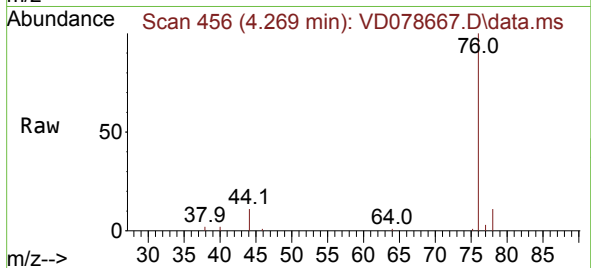




#17
Carbon Disulfide
Concen: 21.752 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

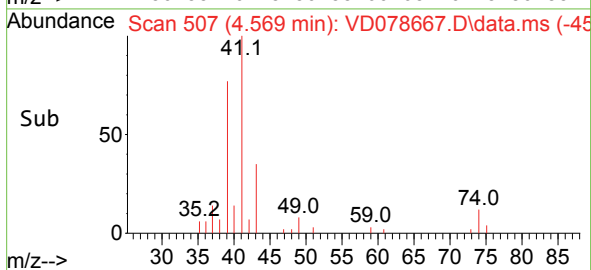
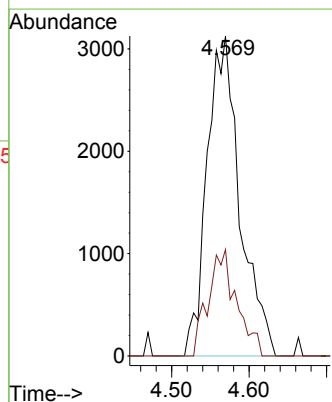
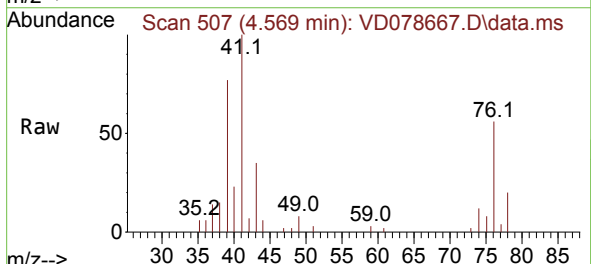
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

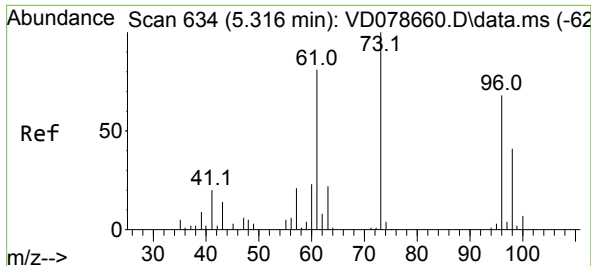
Tgt Ion: 76 Resp: 92170
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#18
Methyl Acetate
Concen: 18.750 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 43 Resp: 9212
Ion Ratio Lower Upper
43 100
74 28.7 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 20.749 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

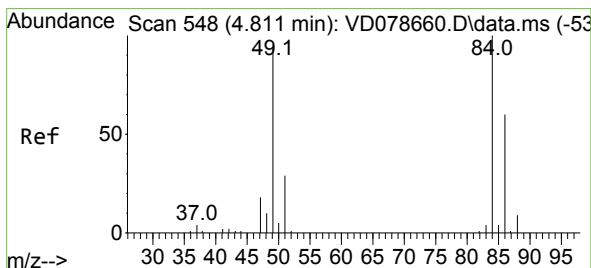
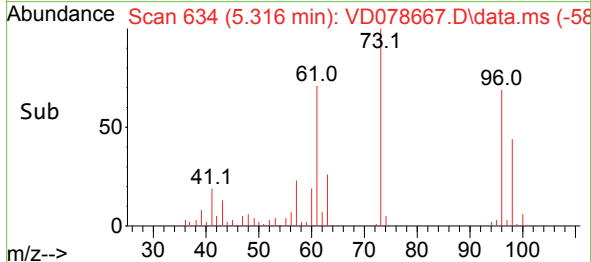
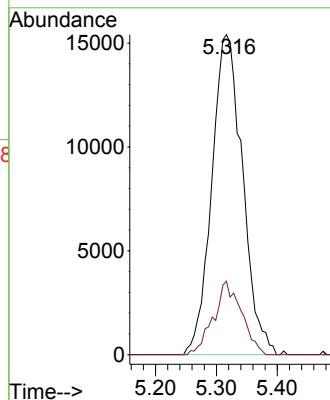
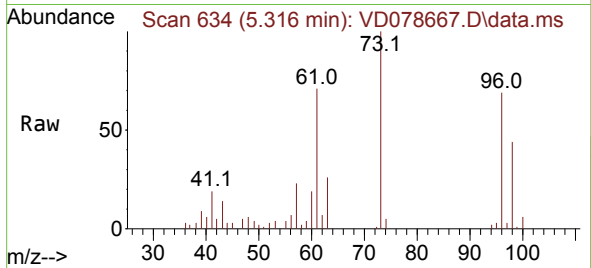
VD0314SBS01

Tgt Ion: 73 Resp: 54083

Ion Ratio Lower Upper

73 100

57 22.9 16.4 24.6



#20

Methylene Chloride

Concen: 21.518 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Tgt Ion: 84 Resp: 37915

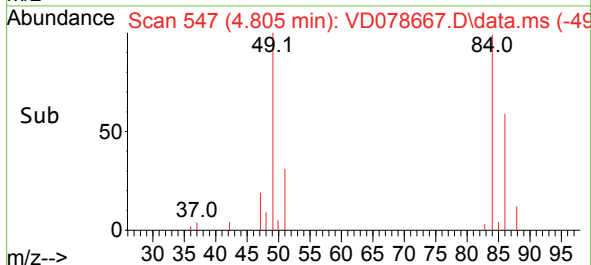
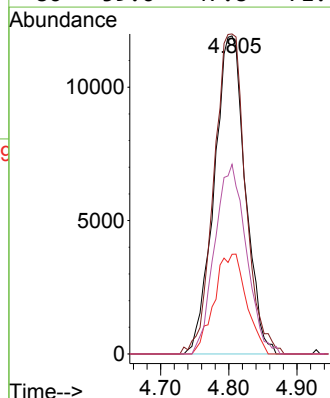
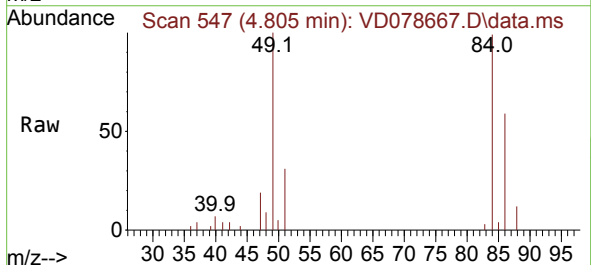
Ion Ratio Lower Upper

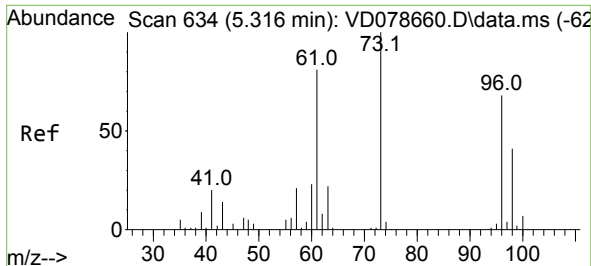
84 100

49 100.6 75.6 113.4

51 31.3 23.4 35.0

86 59.6 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 21.014 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

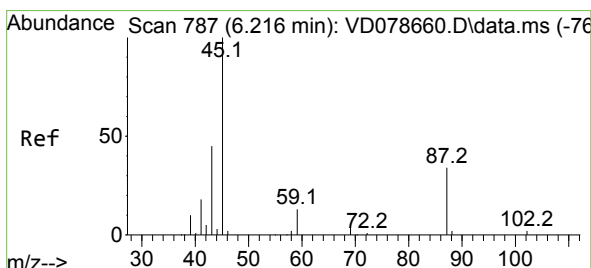
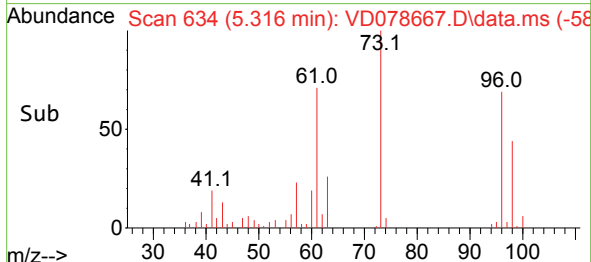
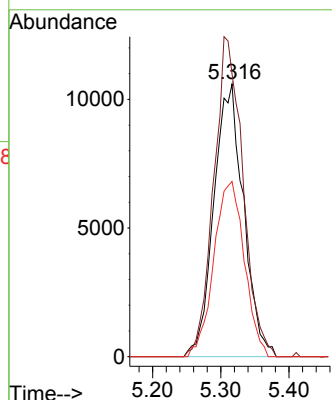
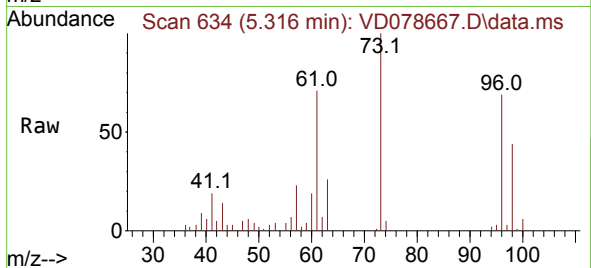
Tgt Ion: 96 Resp: 32049

Ion Ratio Lower Upper

96 100

61 103.7 96.1 144.1

98 64.3 48.9 73.3



#22

Diisopropyl ether

Concen: 20.883 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Tgt Ion: 45 Resp: 68475

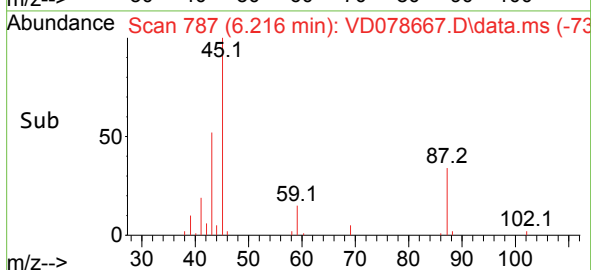
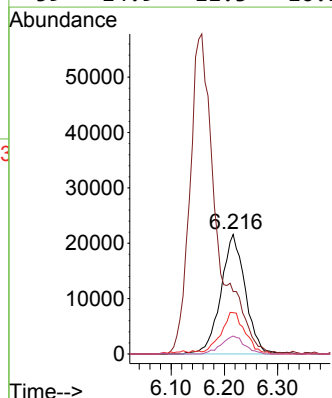
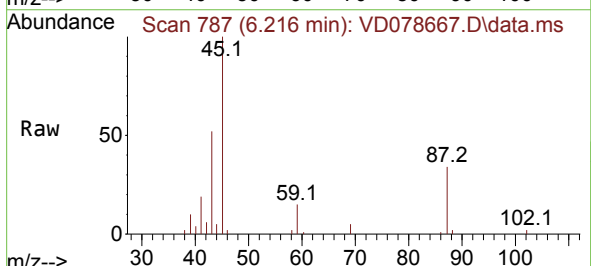
Ion Ratio Lower Upper

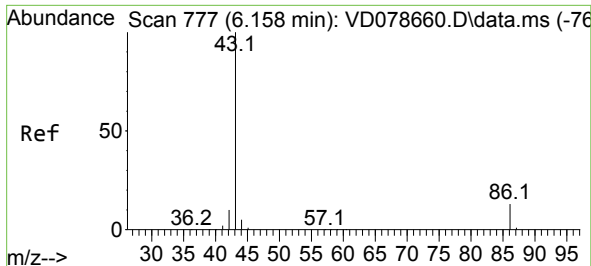
45 100

43 50.9 44.3 66.5

87 34.5 28.3 42.5

59 14.9 11.3 16.9

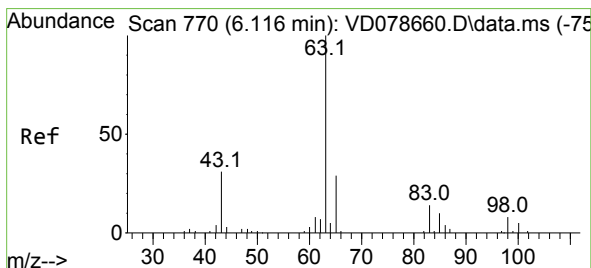
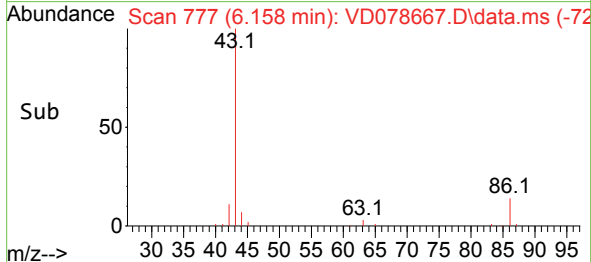
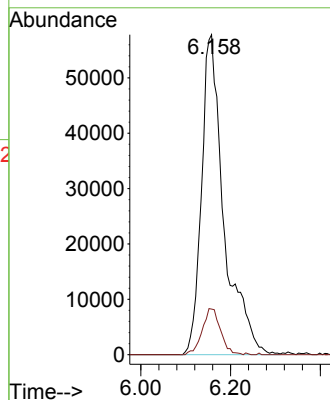
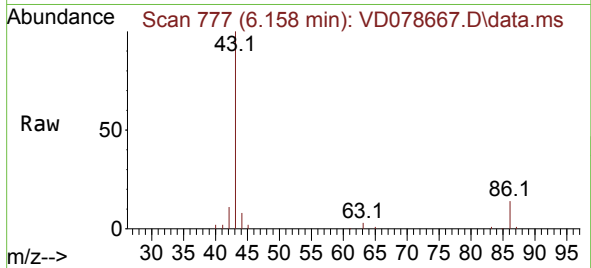




#23
 Vinyl Acetate
 Concen: 104.846 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

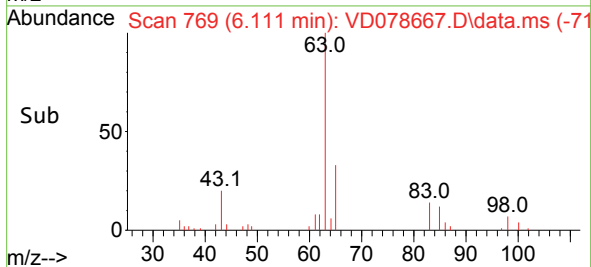
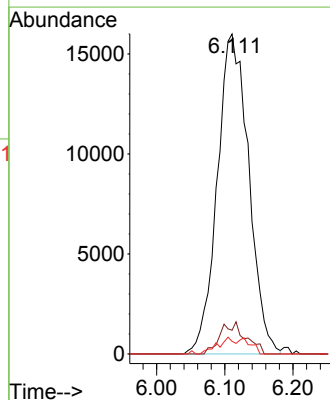
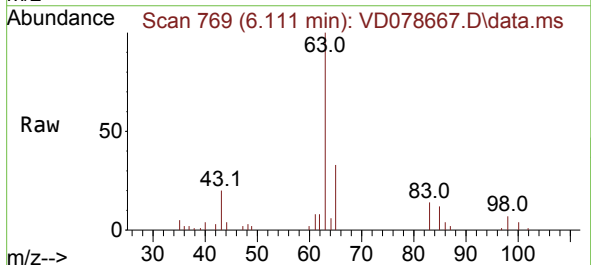
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

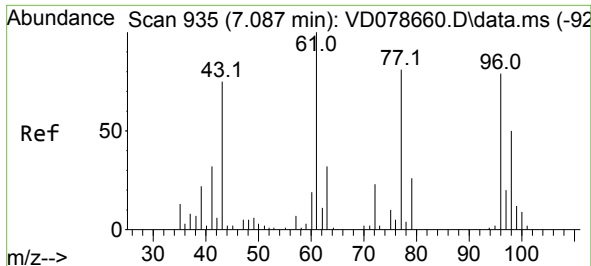
Tgt Ion: 43 Resp: 201095
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.876 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion: 63 Resp: 51320
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 3.9 2.7 8.1





#25

2-Butanone

Concen: 99.775 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

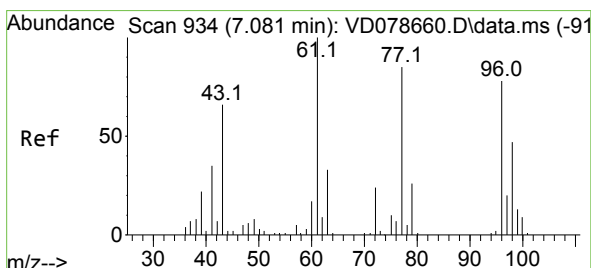
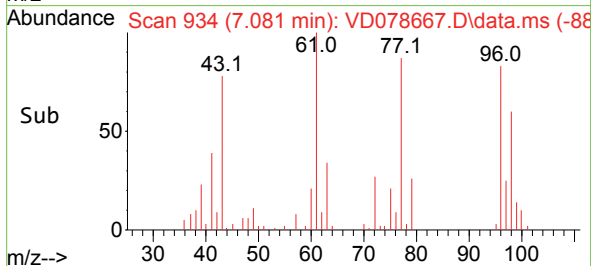
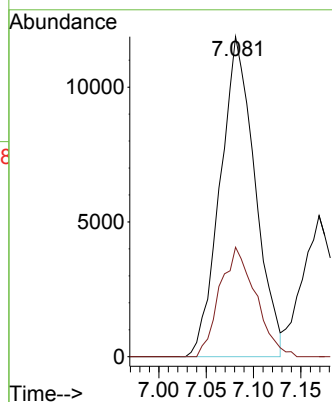
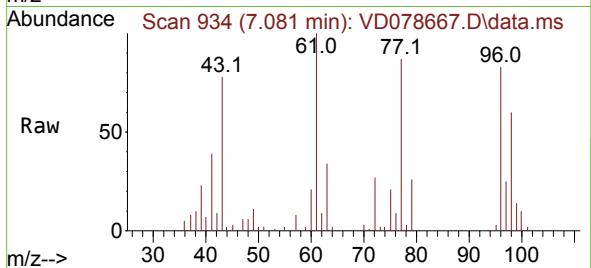
VD0314SBS01

Tgt Ion: 43 Resp: 30368

Ion Ratio Lower Upper

43 100

72 34.2 25.0 37.6



#26

2,2-Dichloropropane

Concen: 20.260 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078667.D

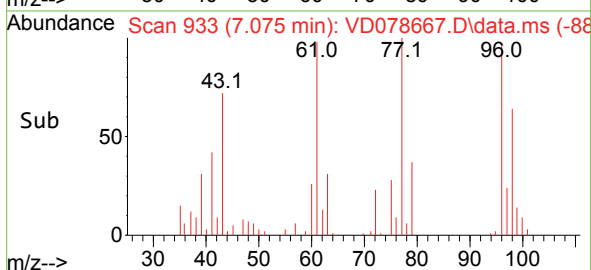
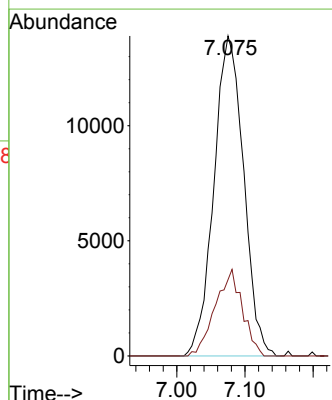
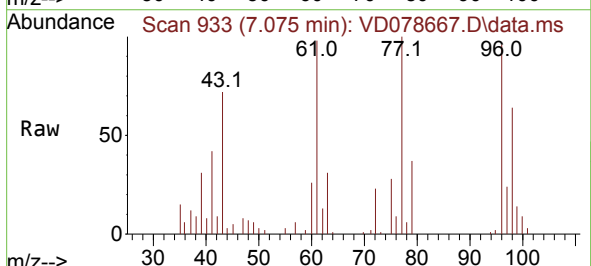
Acq: 14 Mar 2024 15:28

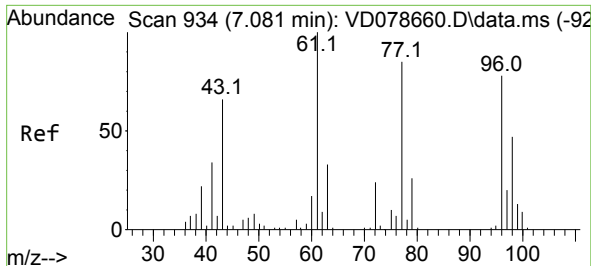
Tgt Ion: 77 Resp: 42140

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.0

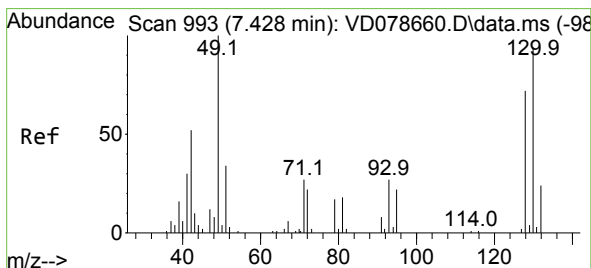
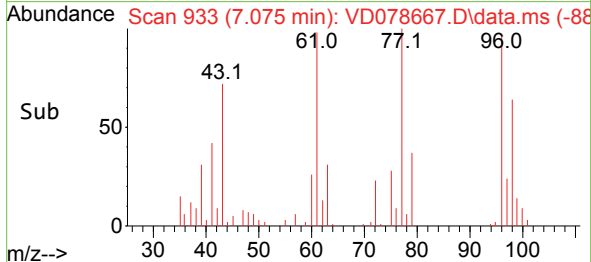
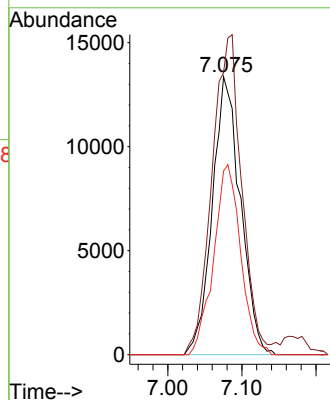
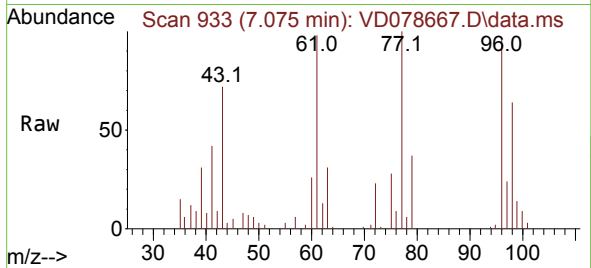




#27
 cis-1,2-Dichloroethene
 Concen: 20.253 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

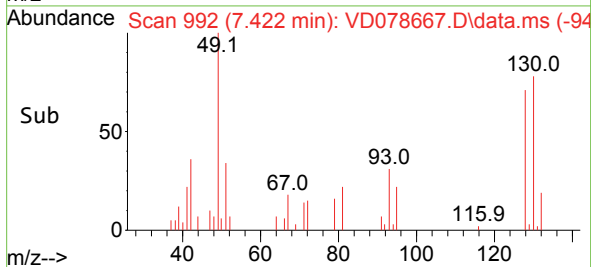
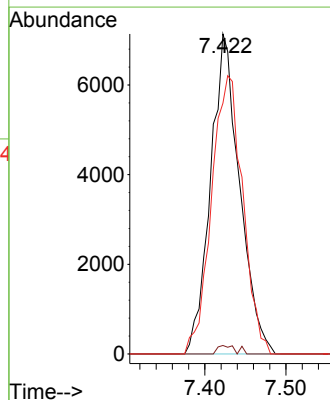
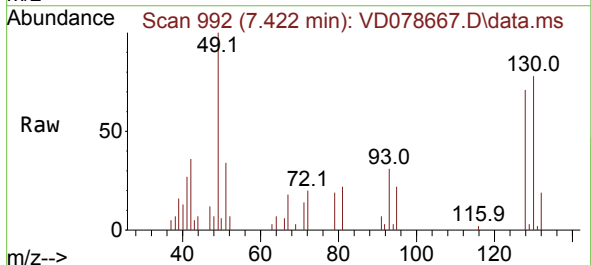
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

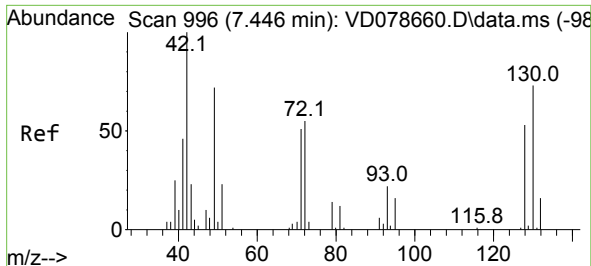
Tgt Ion: 96 Resp: 35231
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 245.0
 98 65.7 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.272 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion: 49 Resp: 17767
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.2
 130 93.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 109.705 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

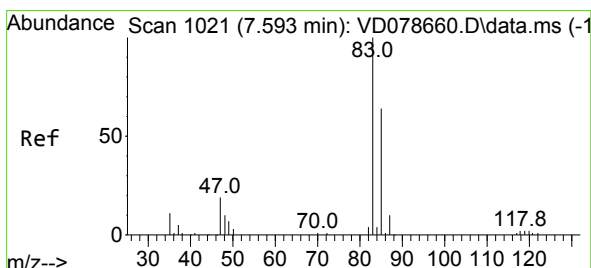
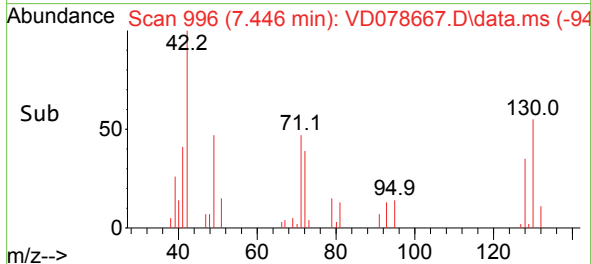
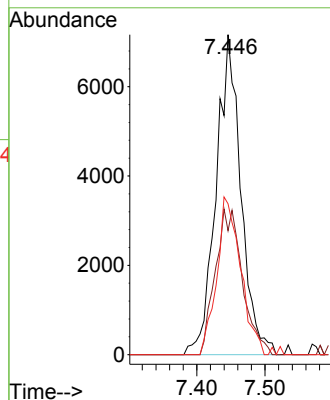
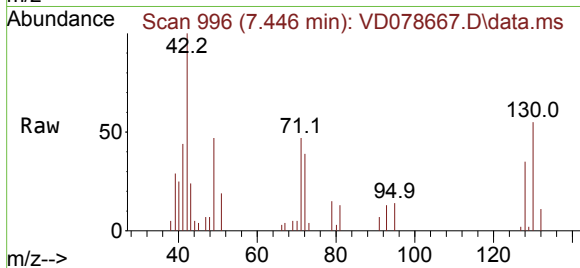
Tgt Ion: 42 Resp: 18161

Ion Ratio Lower Upper

42 100

72 49.6 43.8 65.6

71 47.1 42.0 63.0



#30

Chloroform

Concen: 20.756 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078667.D

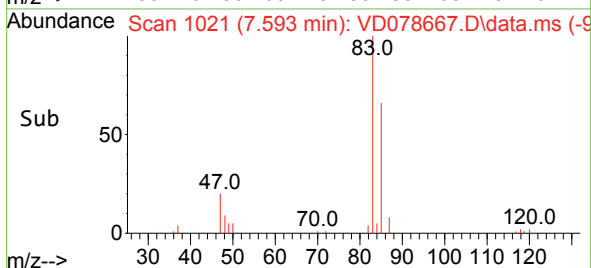
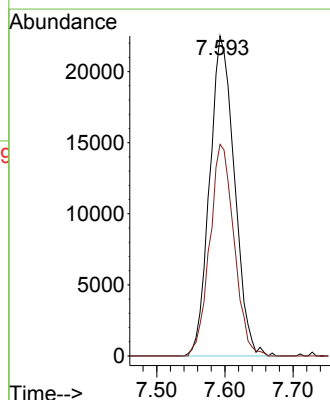
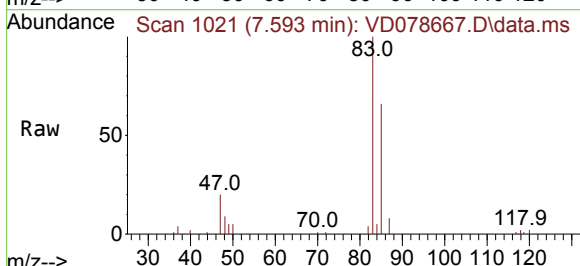
Acq: 14 Mar 2024 15:28

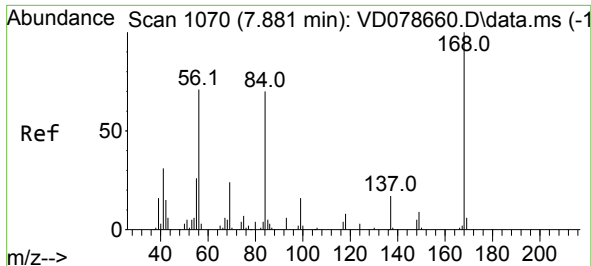
Tgt Ion: 83 Resp: 56894

Ion Ratio Lower Upper

83 100

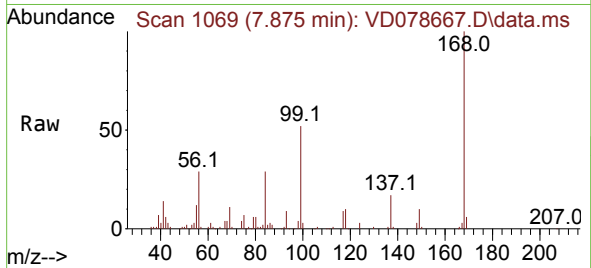
85 66.1 51.2 76.8



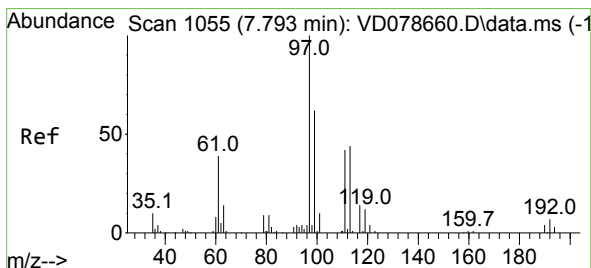
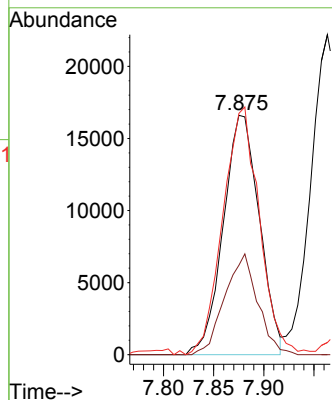
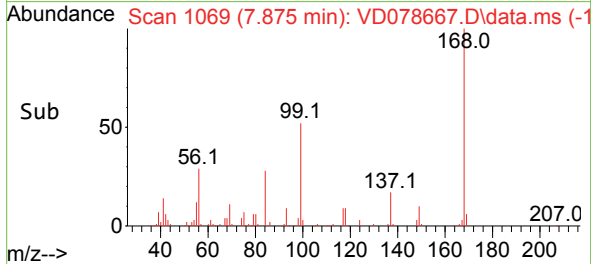


#31
Cyclohexane
Concen: 20.892 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

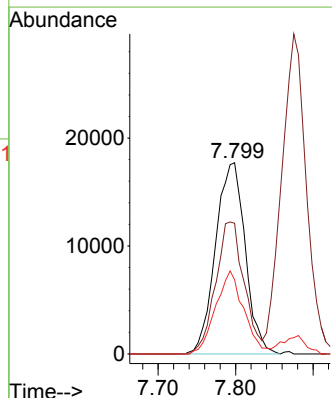
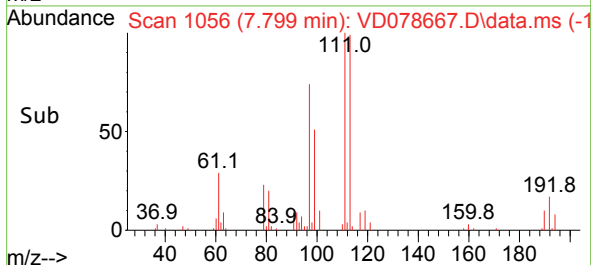
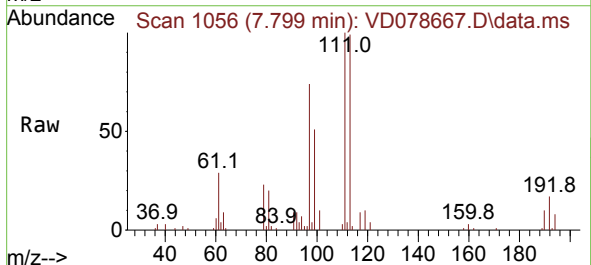


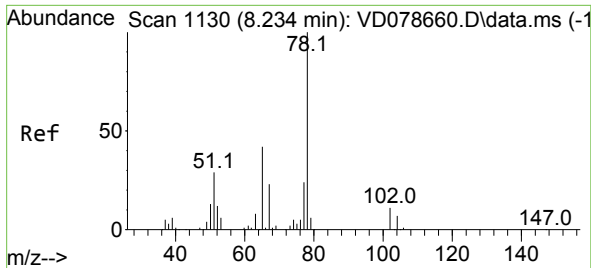
Tgt Ion: 56 Resp: 41573
Ion Ratio Lower Upper
56 100
69 37.3 26.6 40.0
84 99.1 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 20.305 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 97 Resp: 47221
Ion Ratio Lower Upper
97 100
99 66.3 50.8 76.2
61 41.5 33.0 49.6

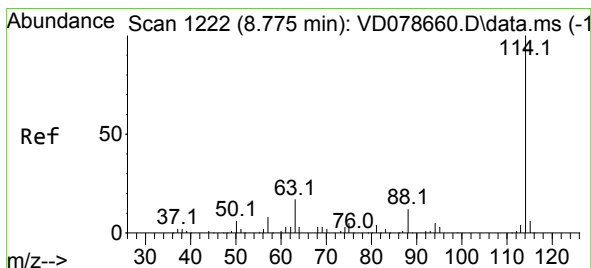
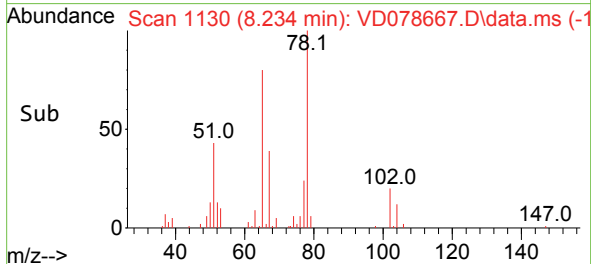
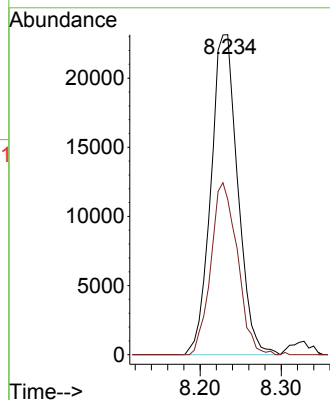
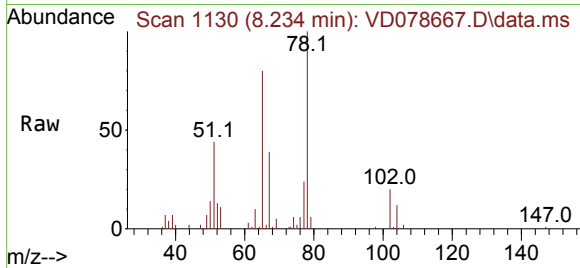




#33
1,2-Dichloroethane-d4
Concen: 45.025 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

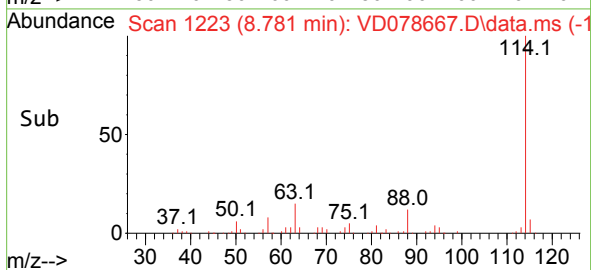
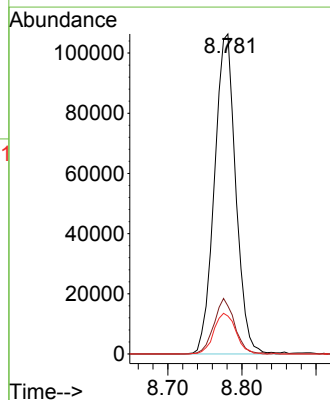
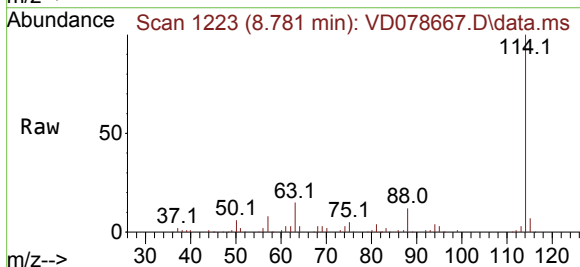
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

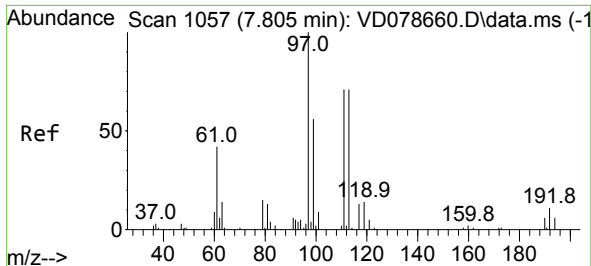
Tgt Ion: 65 Resp: 53304
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 114 Resp: 212447
Ion Ratio Lower Upper
114 100
63 15.0 0.0 33.4
88 11.9 0.0 24.6

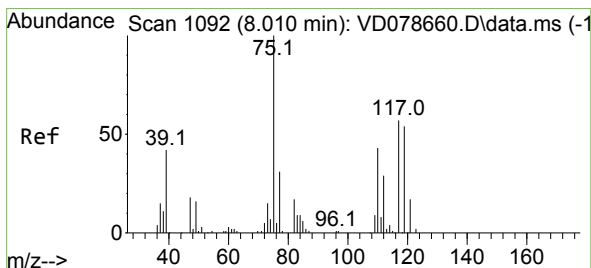
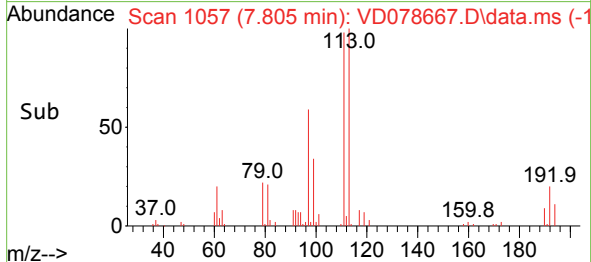
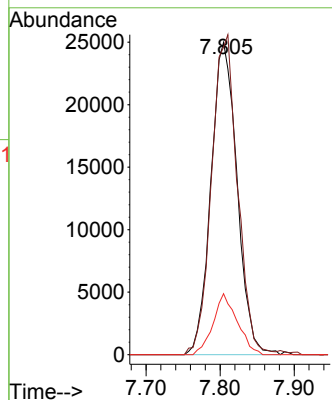
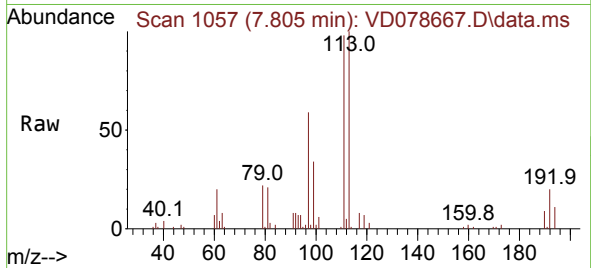




#35
Dibromofluoromethane
Concen: 44.691 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

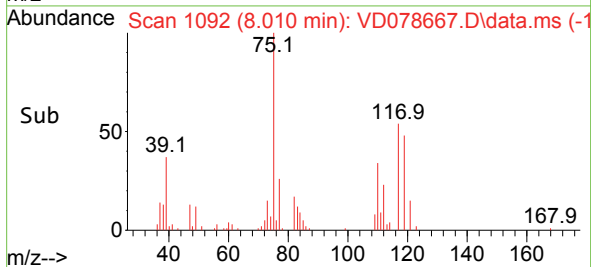
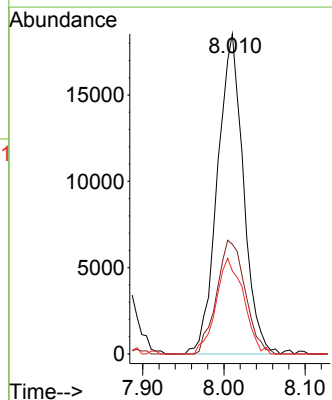
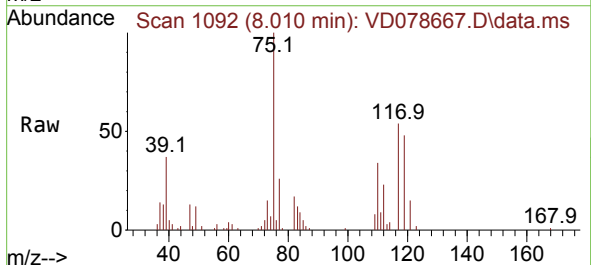
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

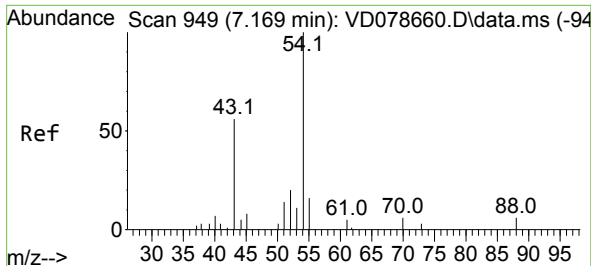
Tgt Ion:113 Resp: 61130
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.717 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 75 Resp: 41116
Ion Ratio Lower Upper
75 100
110 39.1 19.1 57.1
77 31.9 25.4 38.2





#37

Ethyl Acetate

Concen: 18.960 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

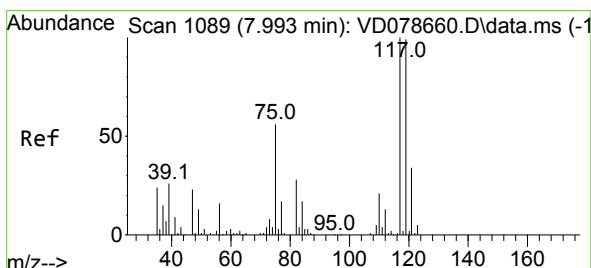
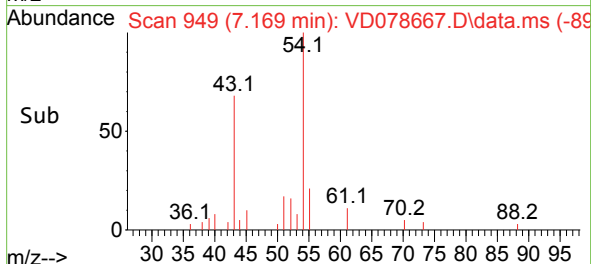
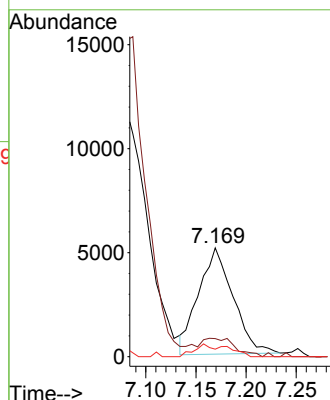
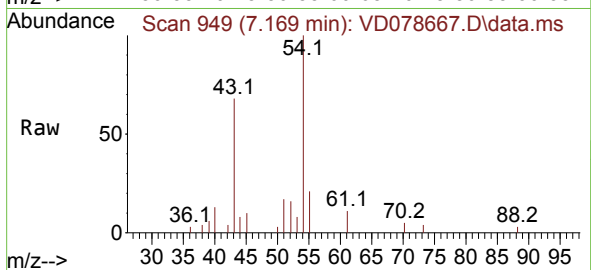
Tgt Ion: 43 Resp: 12293

Ion Ratio Lower Upper

43 100

61 19.3 14.6 21.8

70 6.4 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 21.058 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

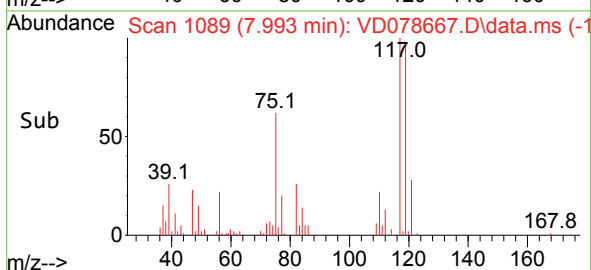
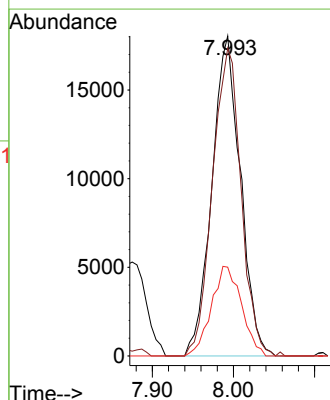
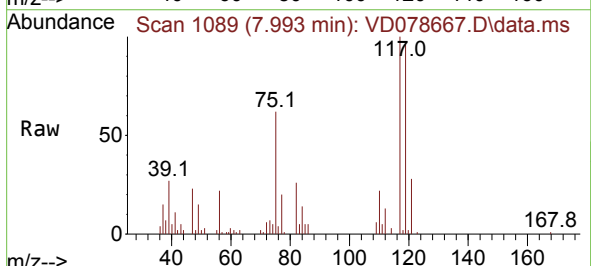
Tgt Ion: 117 Resp: 44059

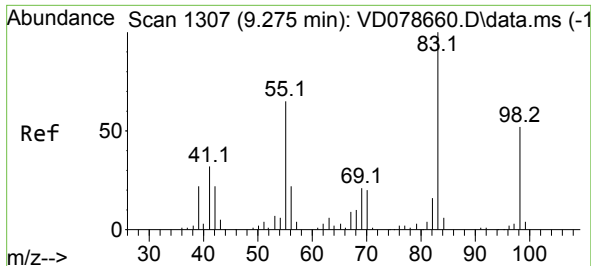
Ion Ratio Lower Upper

117 100

119 96.2 79.2 118.8

121 27.8 26.8 40.2





#39

Methylcyclohexane

Concen: 20.996 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

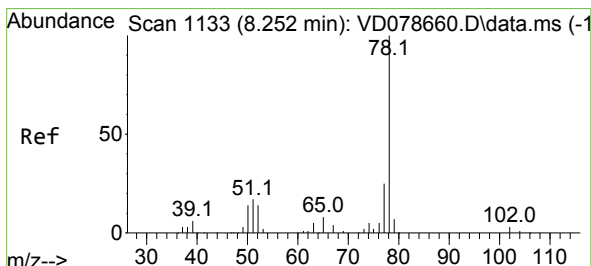
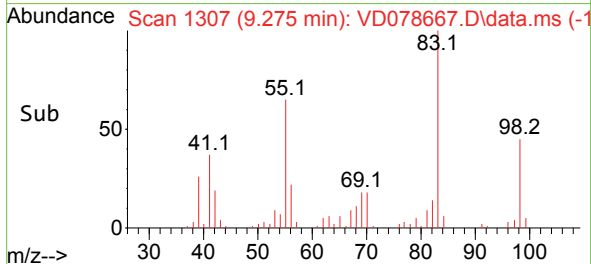
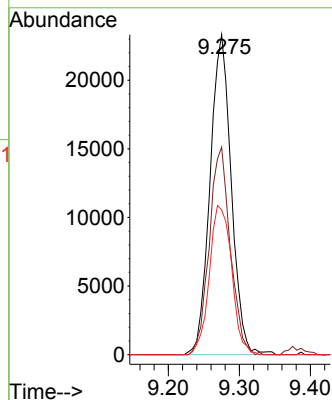
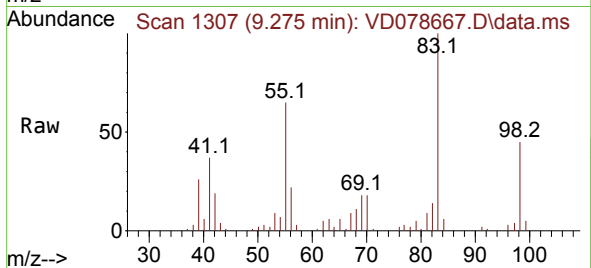
Tgt Ion: 83 Resp: 48338

Ion Ratio Lower Upper

83 100

55 64.8 51.7 77.5

98 45.2 41.4 62.0



#40

Benzene

Concen: 21.061 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078667.D

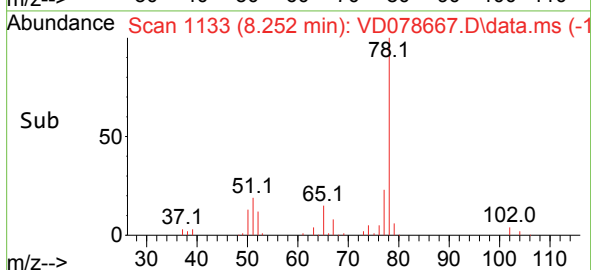
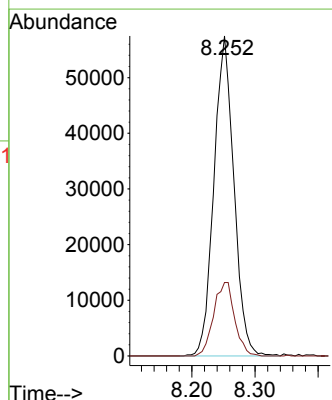
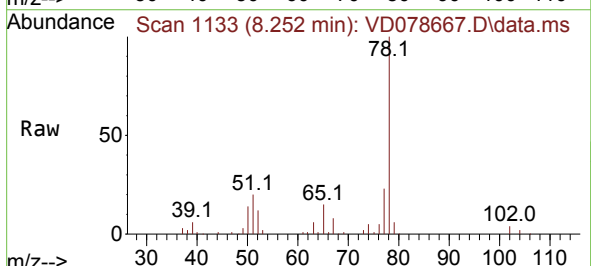
Acq: 14 Mar 2024 15:28

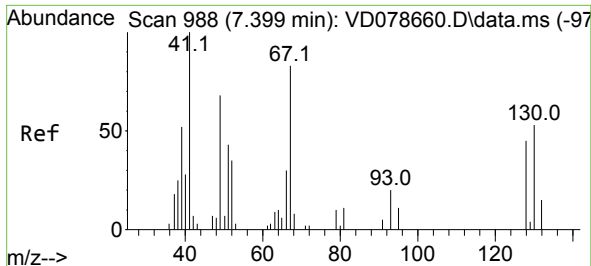
Tgt Ion: 78 Resp: 126350

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

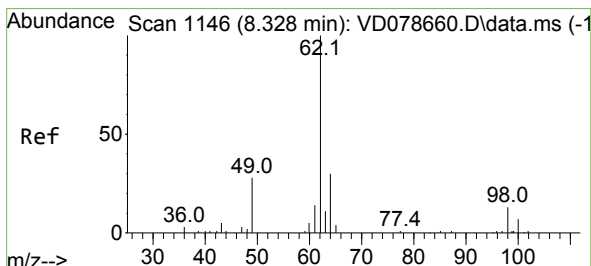
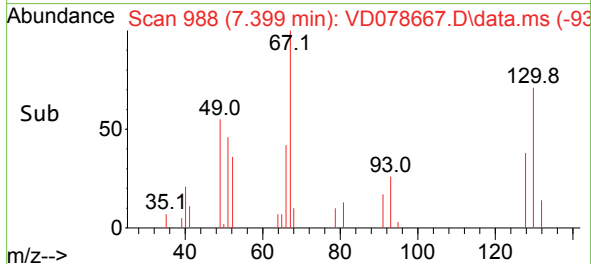
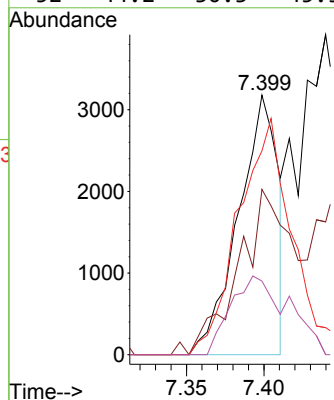
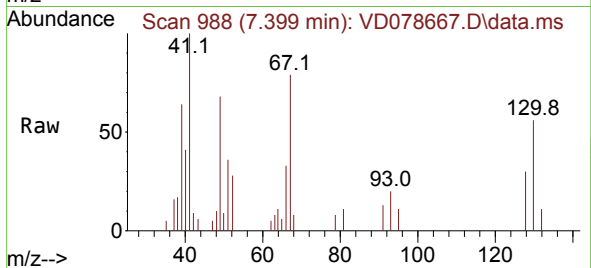




#41
Methacrylonitrile
Concen: 16.641 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

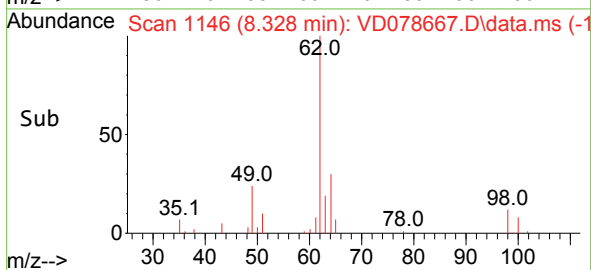
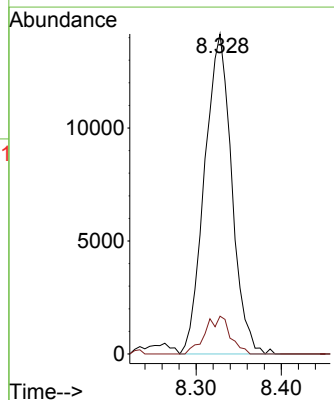
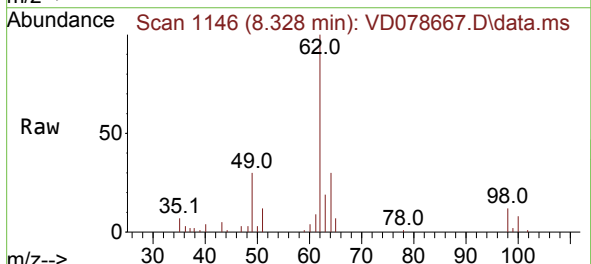
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

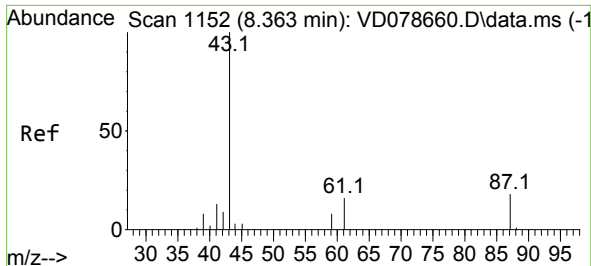
Tgt Ion: 41 Resp: 5654
Ion Ratio Lower Upper
41 100
39 83.0 39.8 59.6#
67 122.2 83.5 125.3
52 44.2 30.3 45.5



#42
1,2-Dichloroethane
Concen: 21.416 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 62 Resp: 31332
Ion Ratio Lower Upper
62 100
98 10.9 0.0 23.8

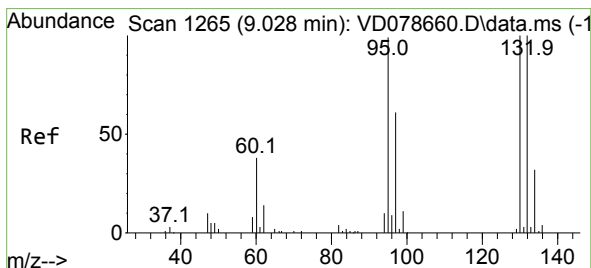
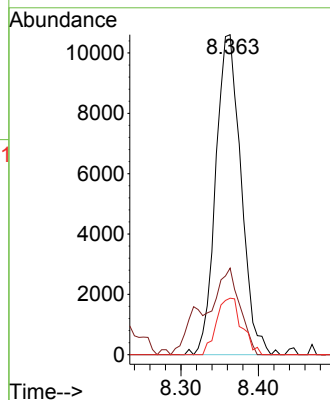
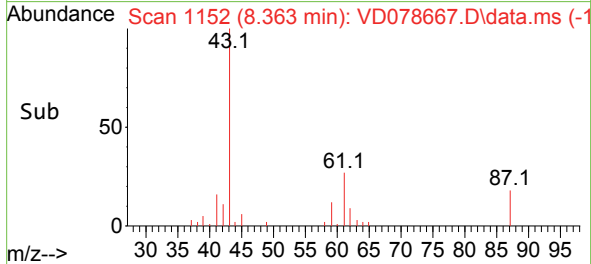
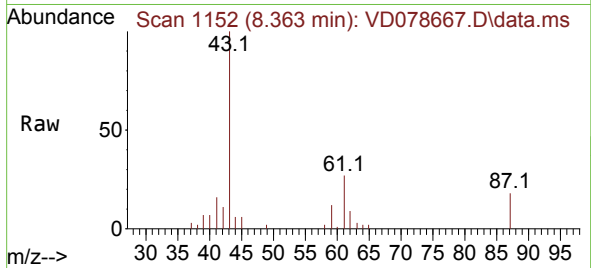




#43
Isopropyl Acetate
Concen: 20.421 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

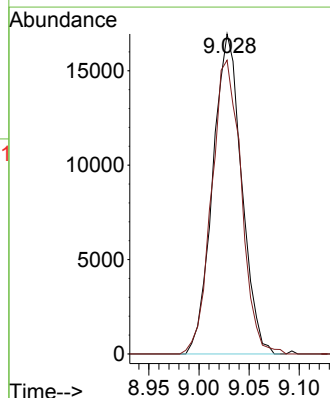
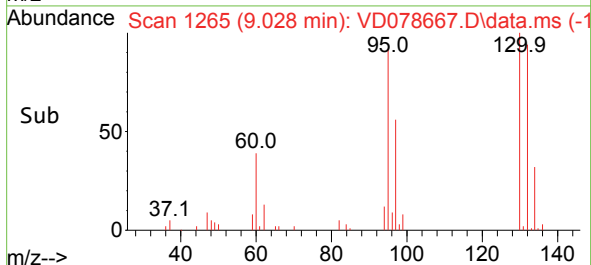
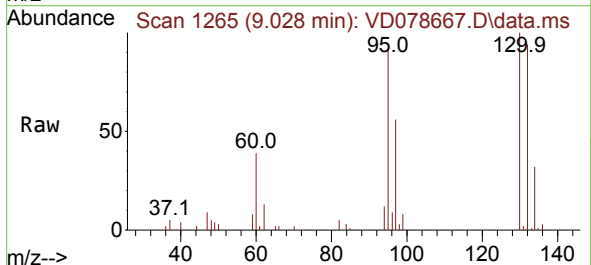
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

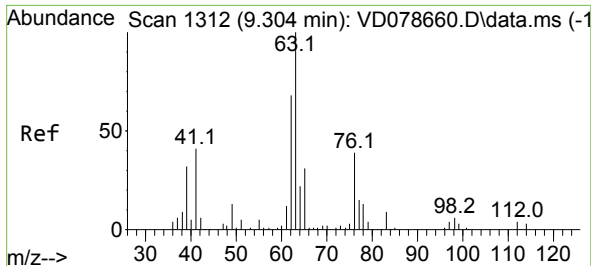
Tgt Ion: 43 Resp: 24079
Ion Ratio Lower Upper
43 100
61 25.6 30.1 45.1#
87 17.6 14.4 21.6



#44
Trichloroethene
Concen: 20.863 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:130 Resp: 33967
Ion Ratio Lower Upper
130 100
95 91.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.920 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

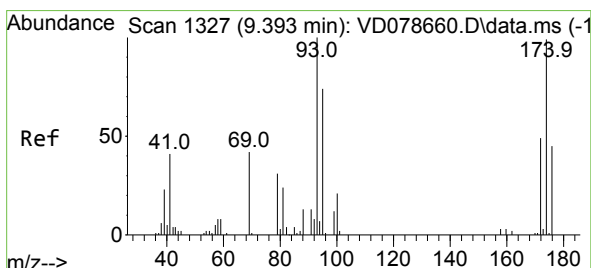
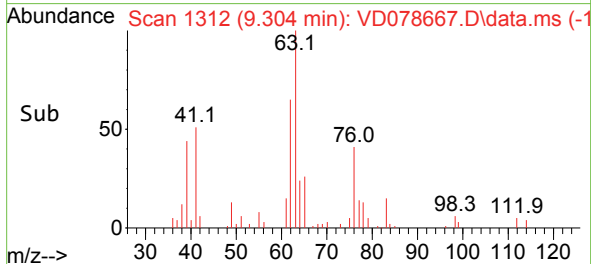
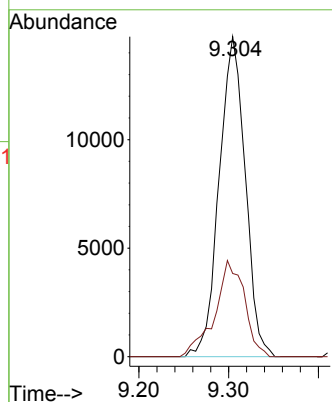
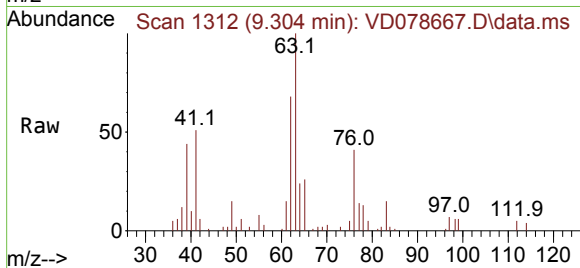
VD0314SBS01

Tgt Ion: 63 Resp: 29772

Ion Ratio Lower Upper

63 100

65 26.0 24.8 37.2



#46

Dibromomethane

Concen: 20.602 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

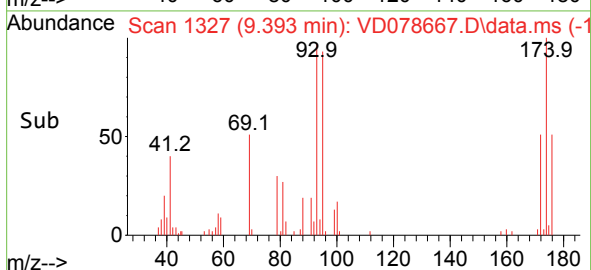
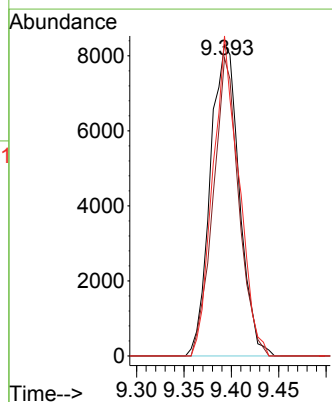
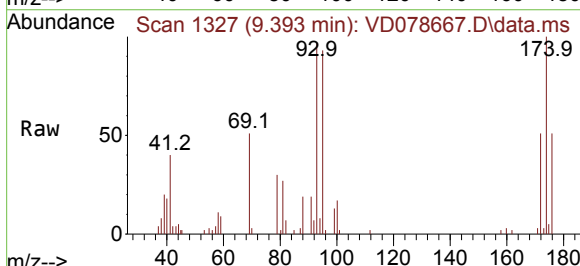
Tgt Ion: 93 Resp: 17576

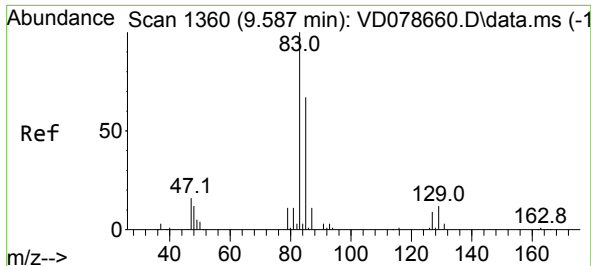
Ion Ratio Lower Upper

93 100

95 85.4 67.3 100.9

174 92.7 80.9 121.3

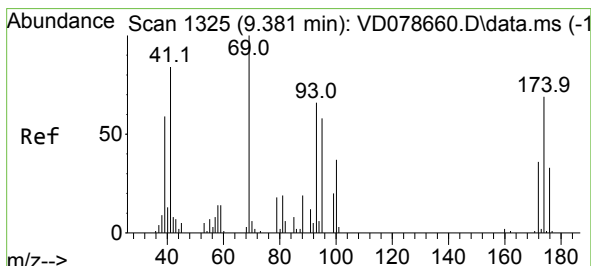
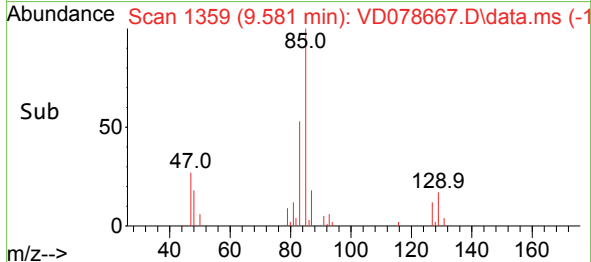
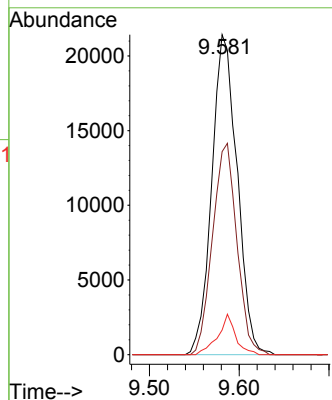
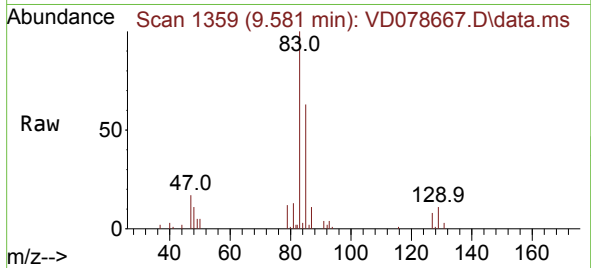




#47
Bromodichloromethane
Concen: 20.718 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

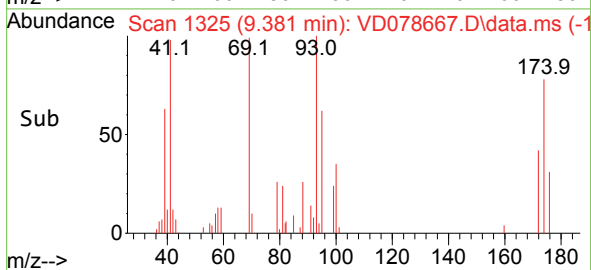
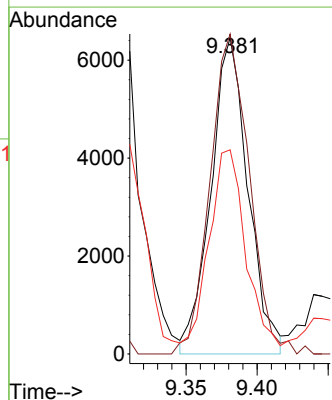
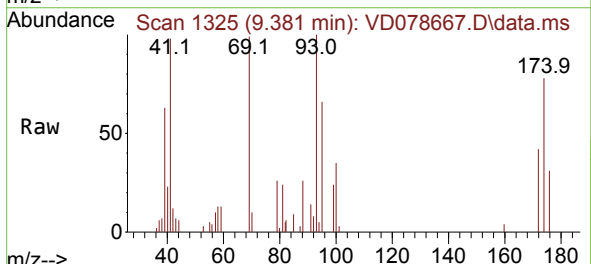
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

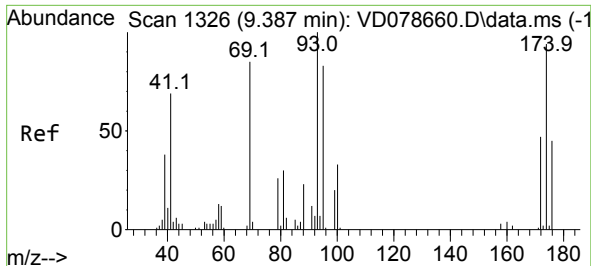
Tgt Ion: 83 Resp: 42077
Ion Ratio Lower Upper
83 100
85 63.5 54.0 81.0
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.421 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 41 Resp: 11732
Ion Ratio Lower Upper
41 100
69 107.2 88.3 132.5
39 59.8 46.6 69.8





#49

1,4-Dioxane

Concen: 477.915 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

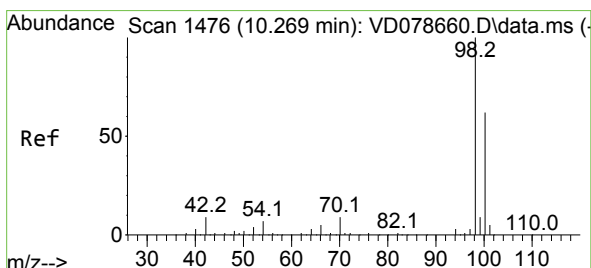
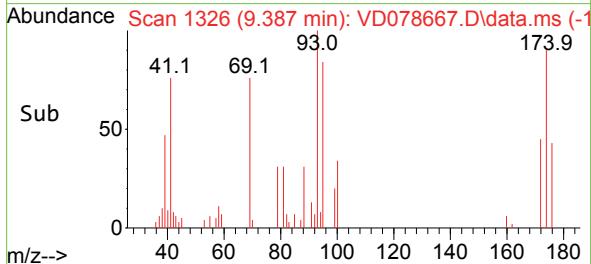
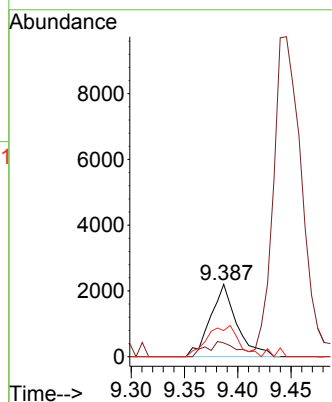
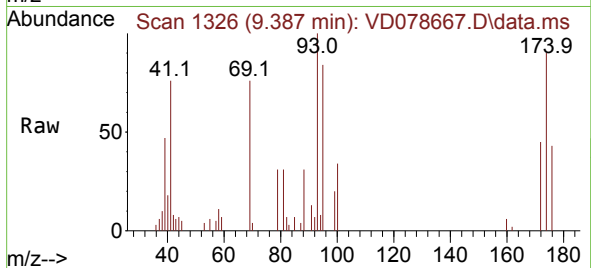
Tgt Ion: 88 Resp: 3775

Ion Ratio Lower Upper

88 100

43 23.7 23.2 34.8

58 51.0 51.0 76.6



#50

Toluene-d8

Concen: 46.599 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078667.D

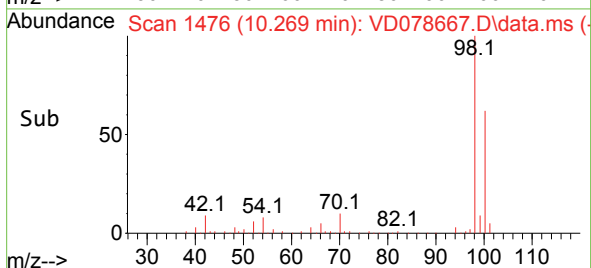
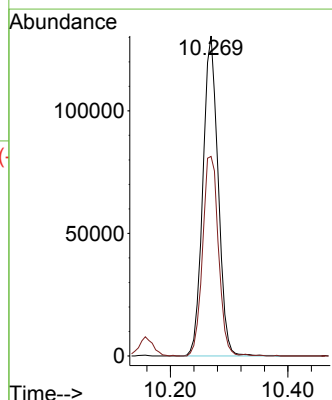
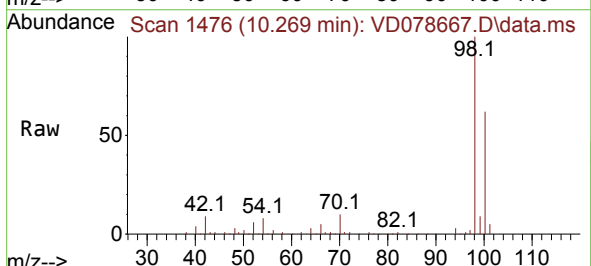
Acq: 14 Mar 2024 15:28

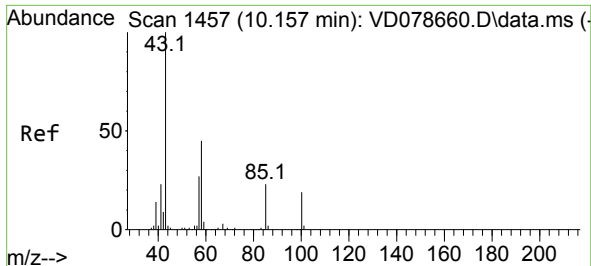
Tgt Ion: 98 Resp: 234418

Ion Ratio Lower Upper

98 100

100 64.7 50.5 75.7

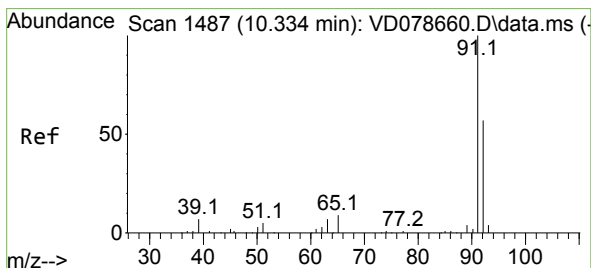
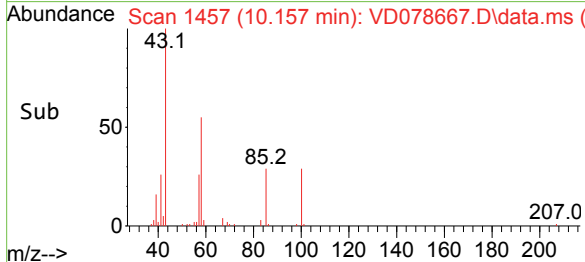
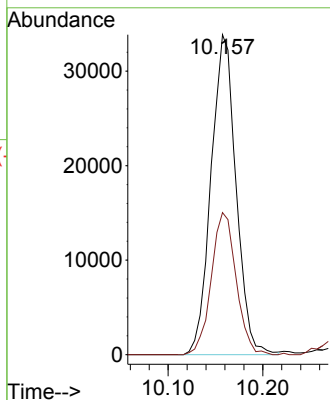
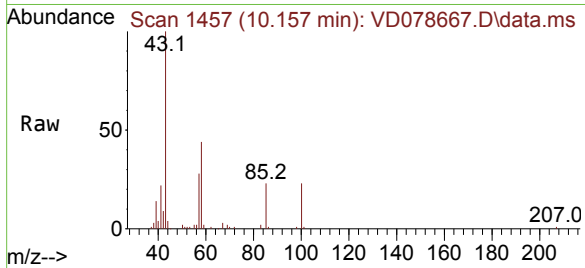




#51
4-Methyl-2-Pentanone
Concen: 100.779 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

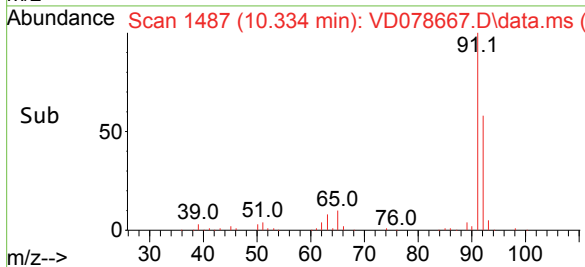
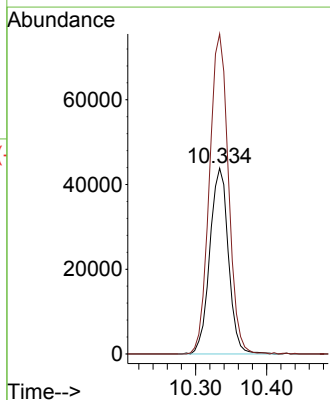
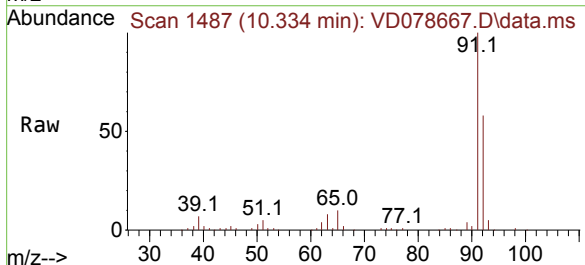
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

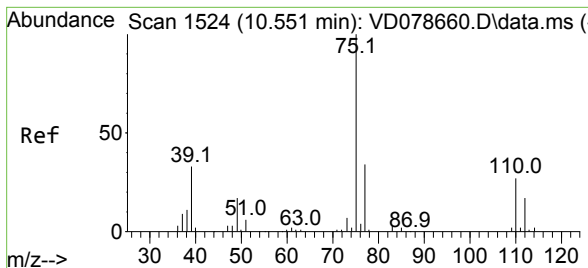
Tgt Ion: 43 Resp: 62123
Ion Ratio Lower Upper
43 100
58 44.1 36.4 54.6



#52
Toluene
Concen: 20.624 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 92 Resp: 79660
Ion Ratio Lower Upper
92 100
91 176.0 136.6 205.0

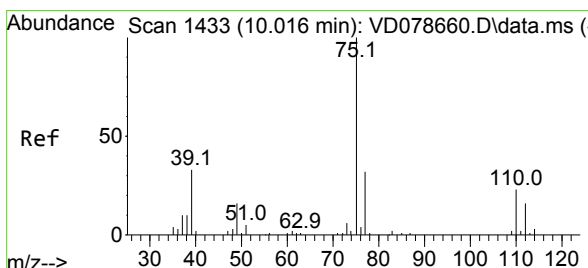
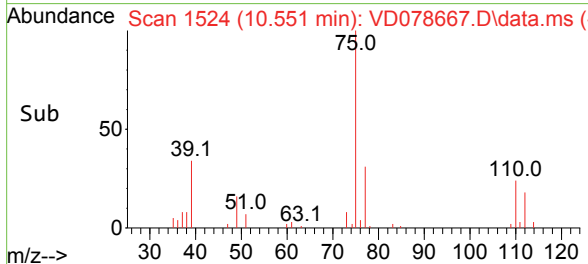
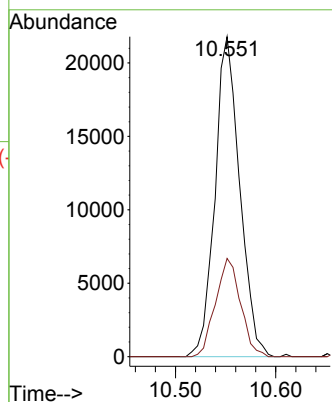
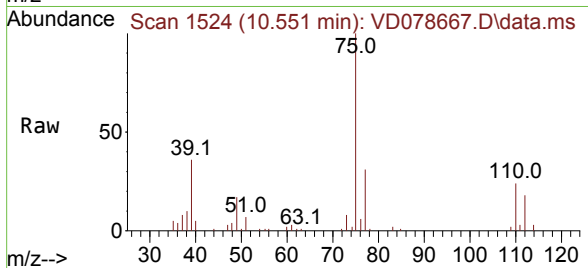




#53
 t-1,3-Dichloropropene
 Concen: 20.118 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

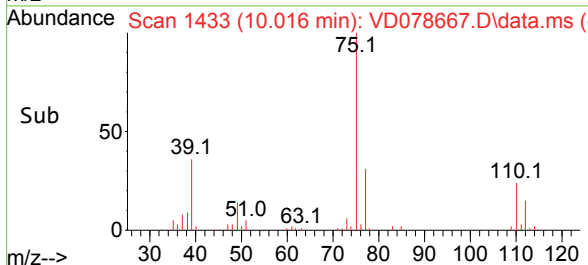
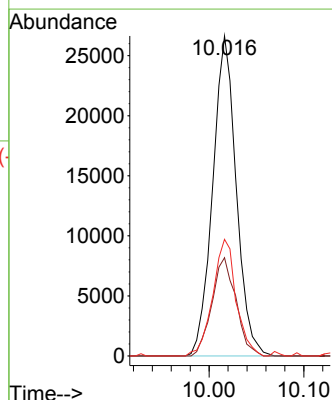
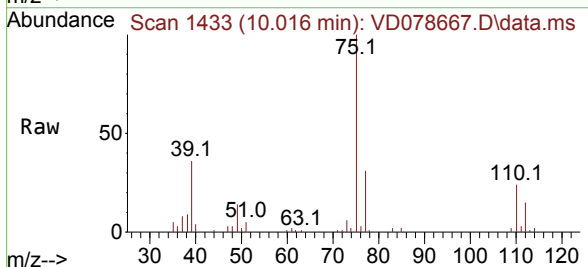
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

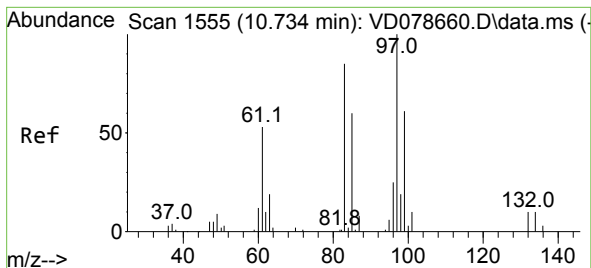
Tgt Ion: 75 Resp: 37356
 Ion Ratio Lower Upper
 75 100
 77 30.7 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.609 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion: 75 Resp: 46005
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 36.5 26.7 40.1

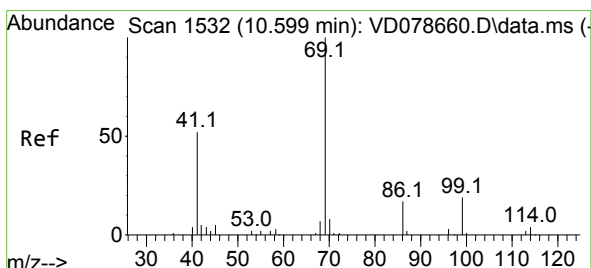
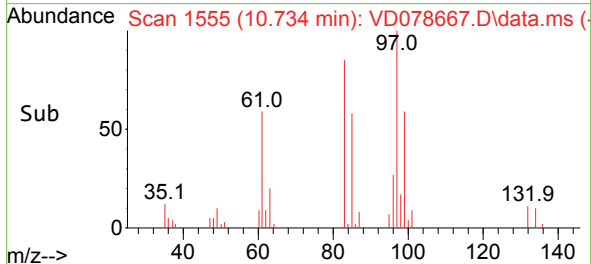
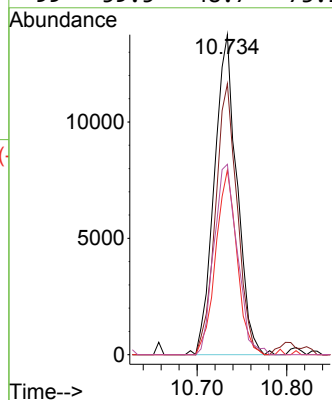
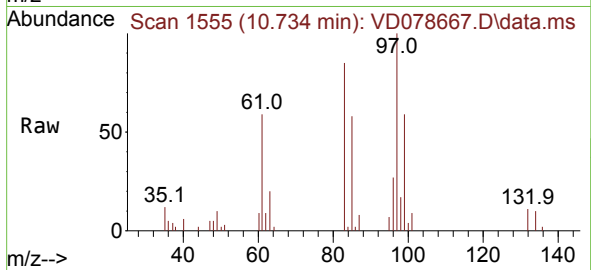




#55
 1,1,2-Trichloroethane
 Concen: 21.117 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

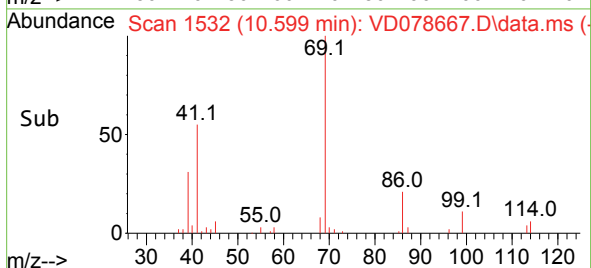
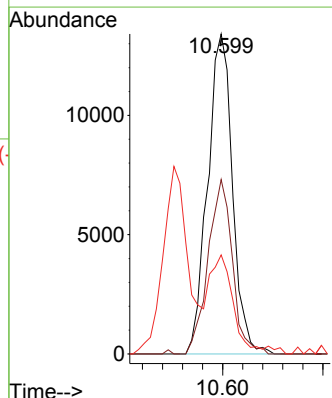
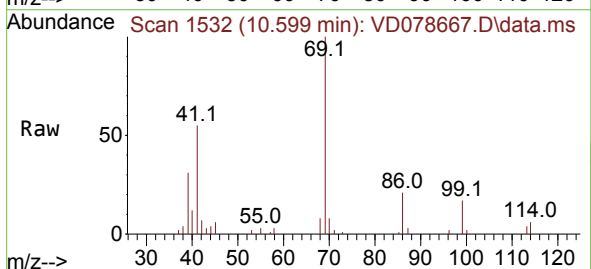
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

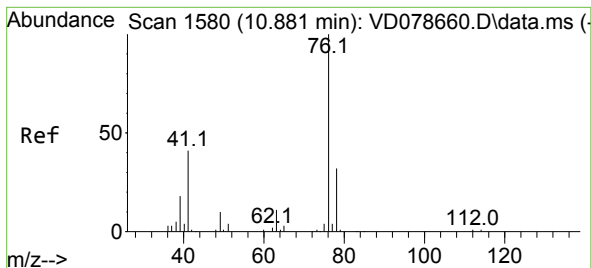
Tgt Ion: 97	Resp: 24125
Ion Ratio	Lower Upper
97 100	
83 84.7	68.1 102.1
85 57.7	48.2 72.2
99 59.5	48.7 73.1



#56
 Ethyl methacrylate
 Concen: 20.160 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion: 69	Resp: 23088
Ion Ratio	Lower Upper
69 100	
41 53.4	40.9 61.3
39 26.7	25.5 38.3





#57

1,3-Dichloropropane

Concen: 20.620 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

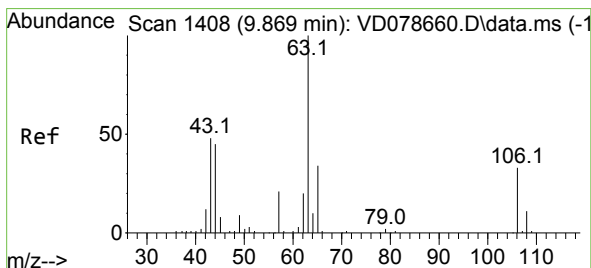
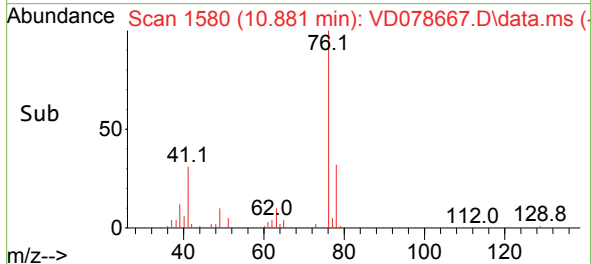
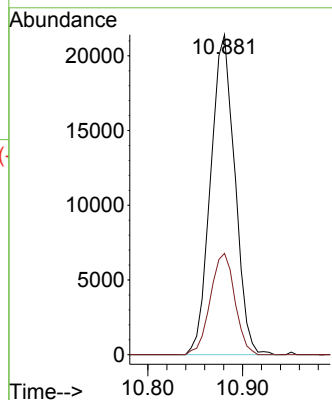
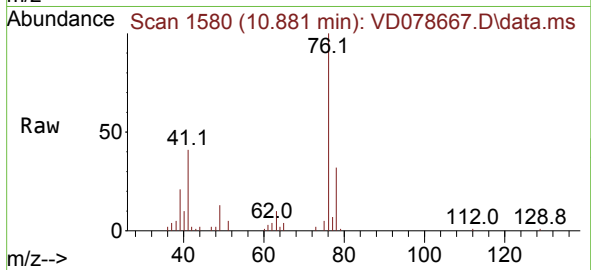
VD0314SBS01

Tgt Ion: 76 Resp: 38011

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 81.345 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078667.D

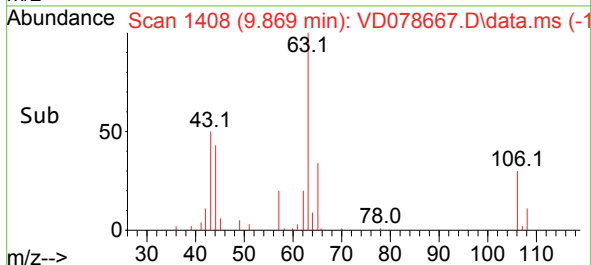
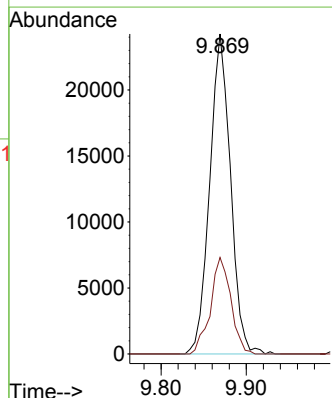
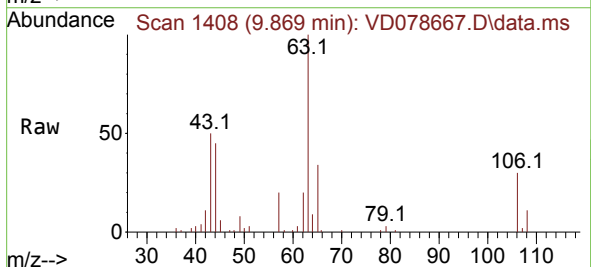
Acq: 14 Mar 2024 15:28

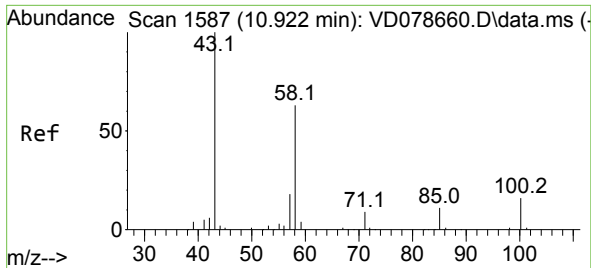
Tgt Ion: 63 Resp: 41078

Ion Ratio Lower Upper

63 100

106 29.6 25.2 37.8

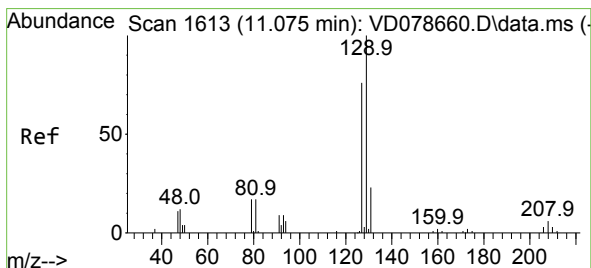
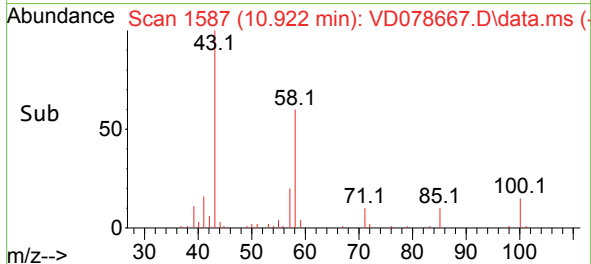
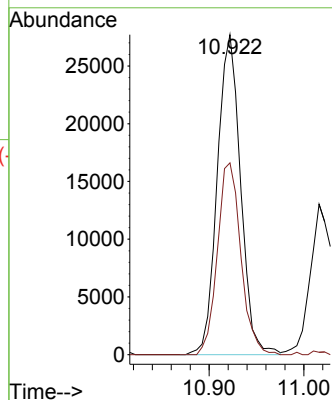
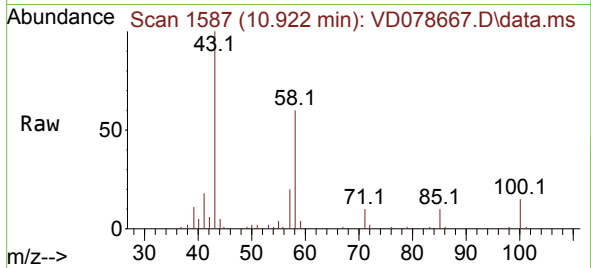




#59
2-Hexanone
Concen: 103.783 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

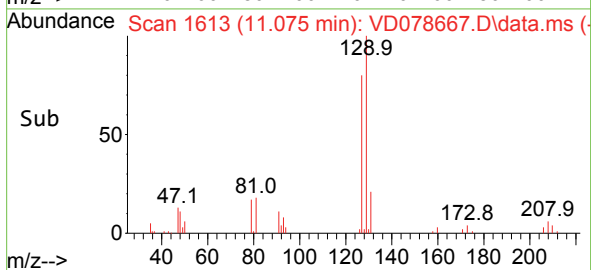
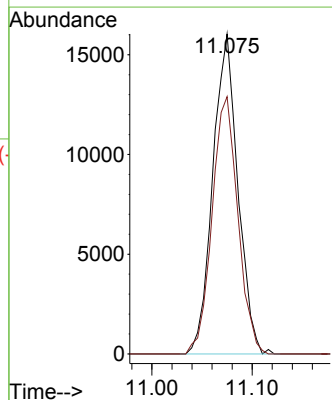
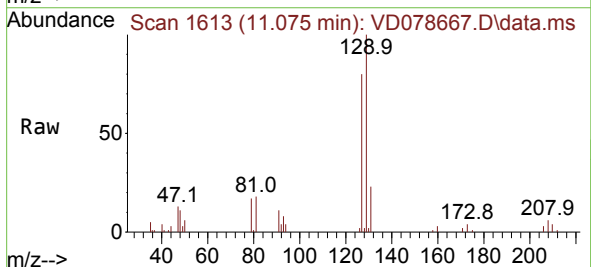
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

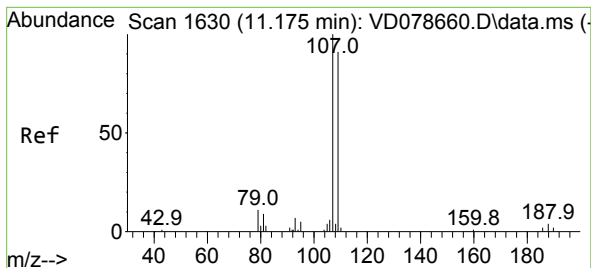
Tgt Ion: 43 Resp: 47425
Ion Ratio Lower Upper
43 100
58 60.3 31.5 94.5



#60
Dibromochloromethane
Concen: 19.790 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 129 Resp: 27882
Ion Ratio Lower Upper
129 100
127 82.5 38.8 116.3

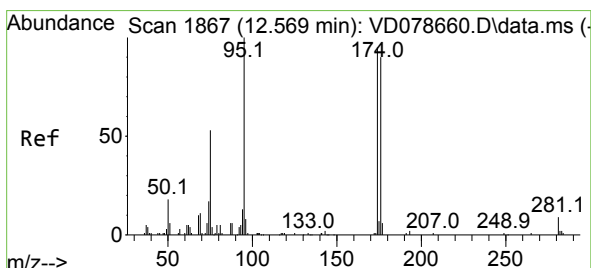
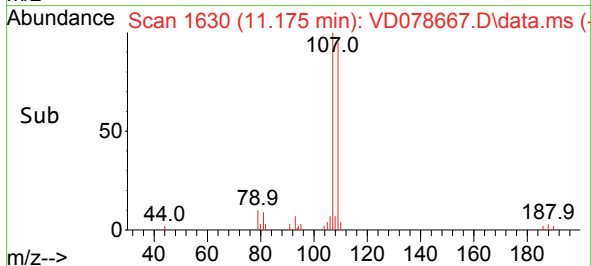
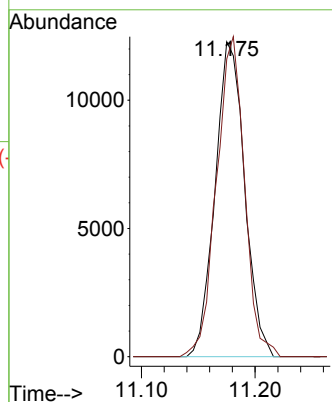
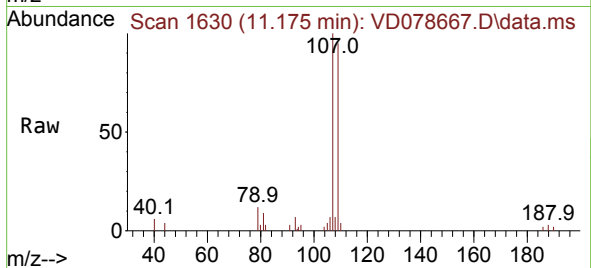




#61
1,2-Dibromoethane
Concen: 20.031 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

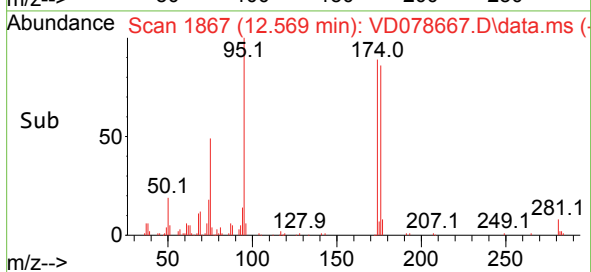
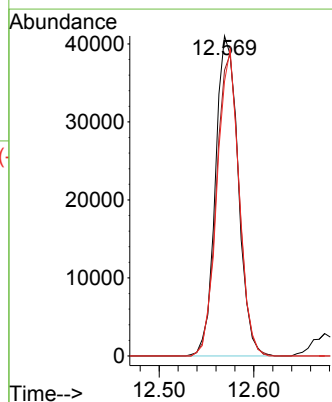
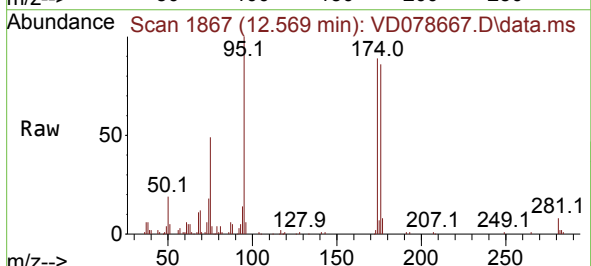
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

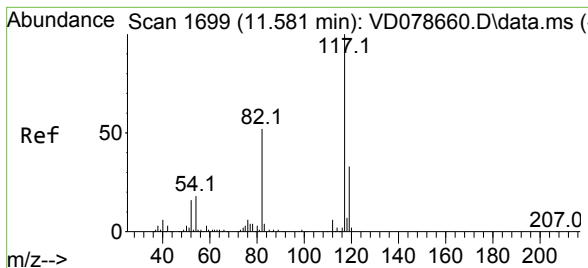
Tgt Ion:107 Resp: 22146
Ion Ratio Lower Upper
107 100
109 96.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 46.412 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 95 Resp: 68305
Ion Ratio Lower Upper
95 100
174 94.1 0.0 195.2
176 92.4 0.0 188.2

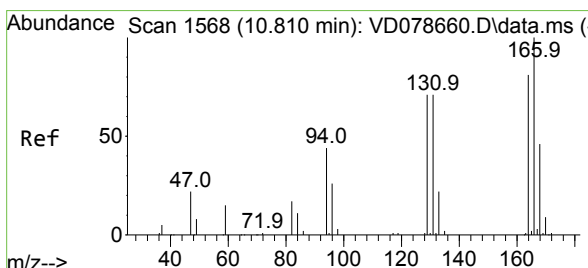
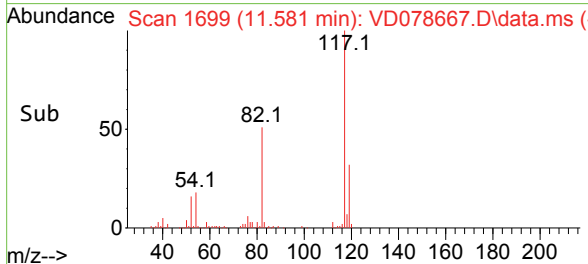
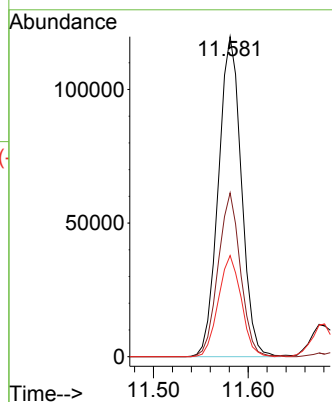
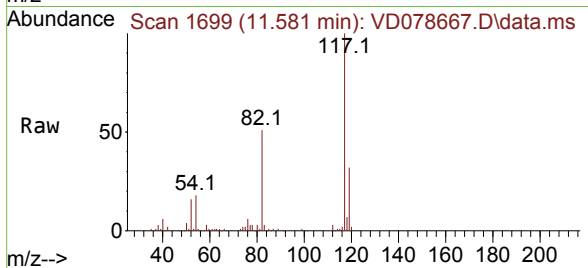




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

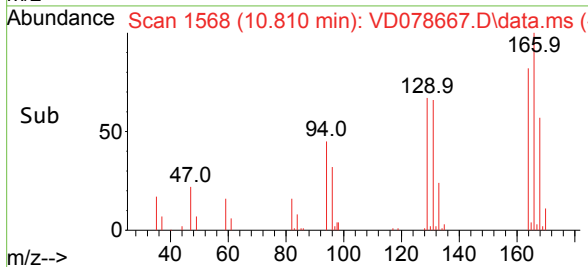
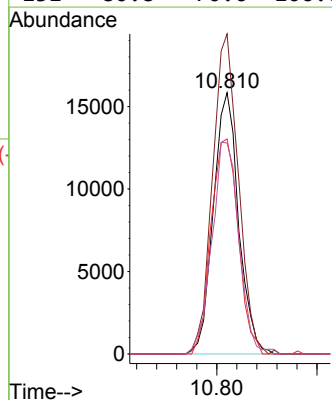
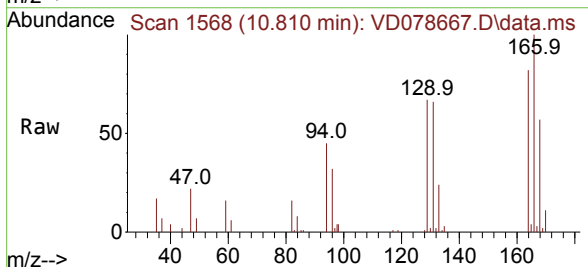
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

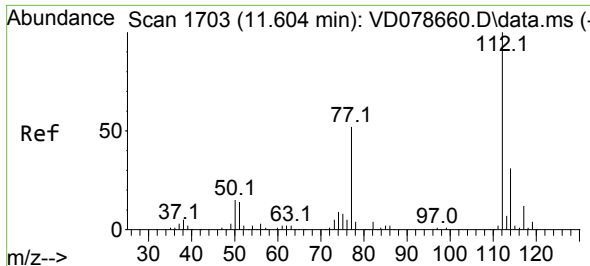
Tgt Ion:117 Resp: 202139
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 20.696 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:164 Resp: 27685
Ion Ratio Lower Upper
164 100
166 122.5 98.9 148.3
129 82.3 70.3 105.5
131 80.8 70.6 106.0

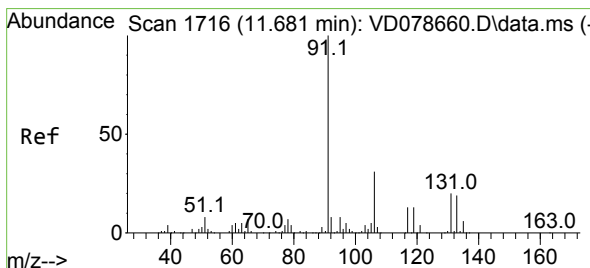
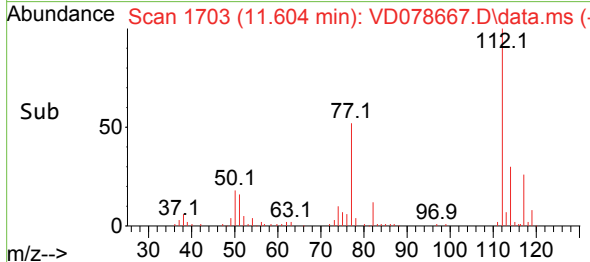
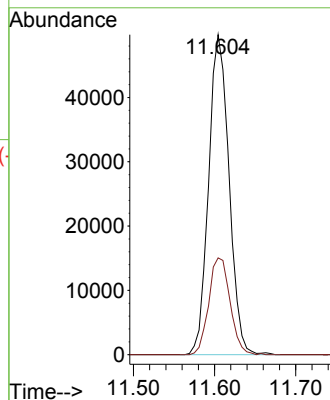
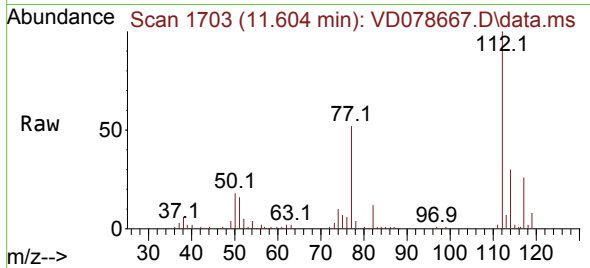




#65
Chlorobenzene
Concen: 20.572 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

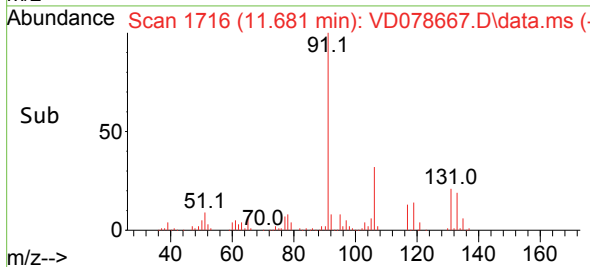
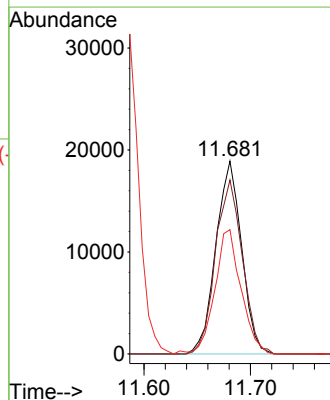
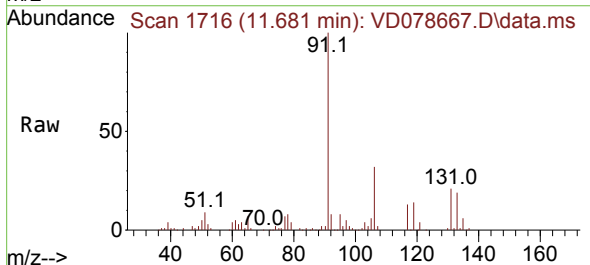
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

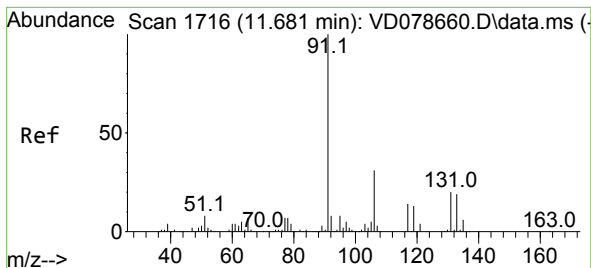
Tgt Ion:112 Resp: 86896
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.569 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:131 Resp: 31819
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 65.7 34.1 102.3

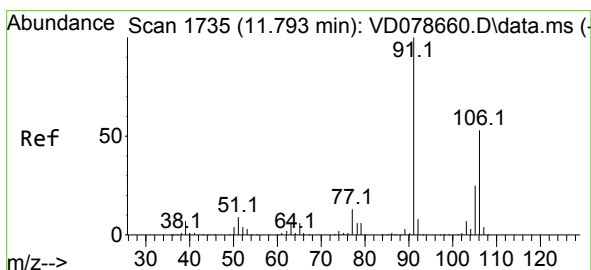
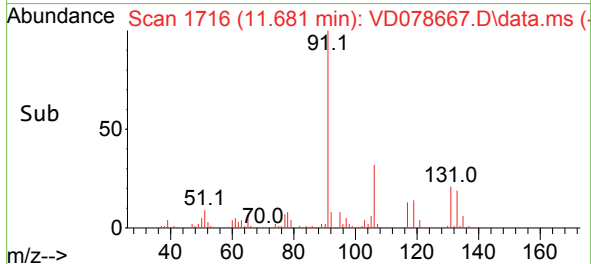
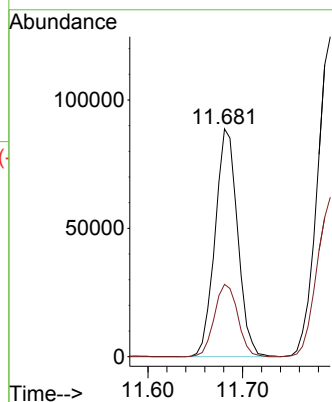
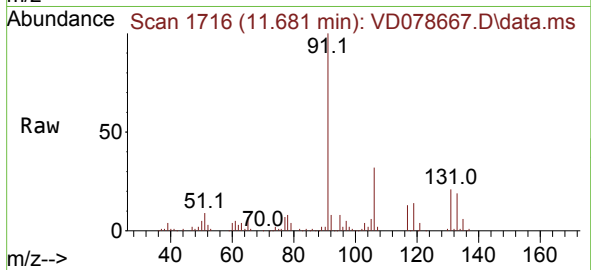




#67
Ethyl Benzene
Concen: 20.427 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

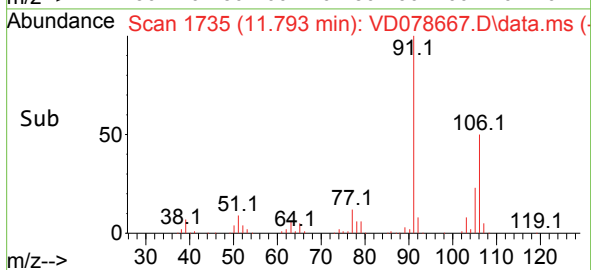
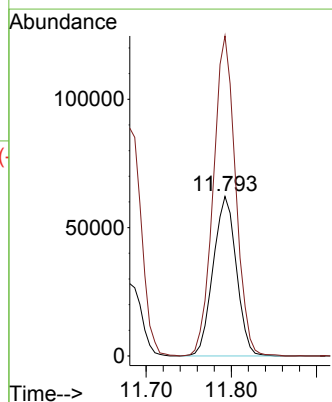
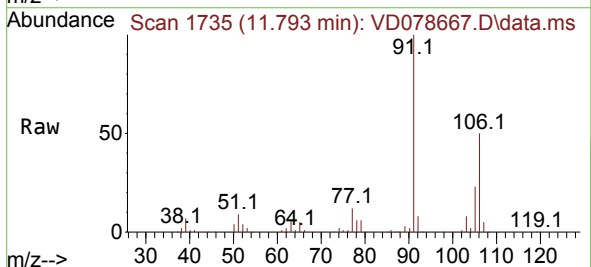
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

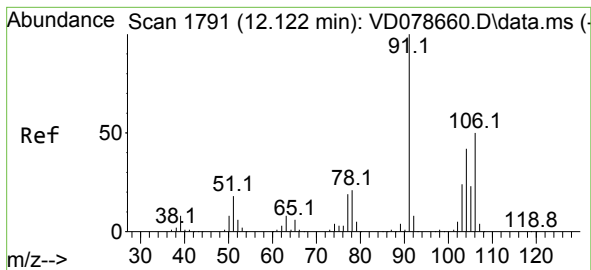
Tgt Ion: 91 Resp: 147035
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.193 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 106 Resp: 117481
Ion Ratio Lower Upper
106 100
91 193.2 154.4 231.6





#69

o-Xylene

Concen: 19.532 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

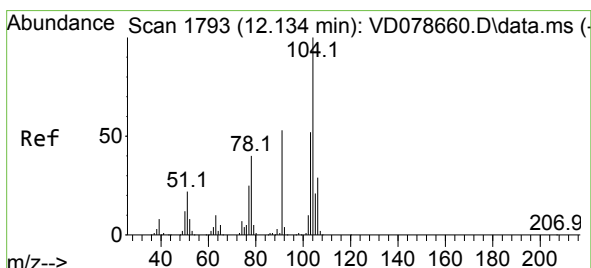
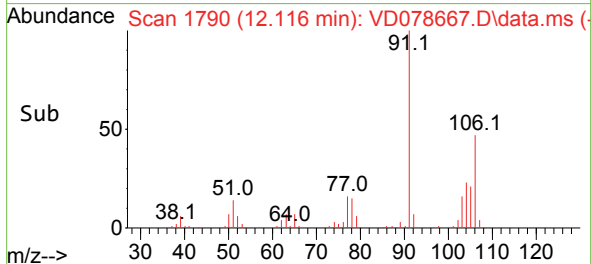
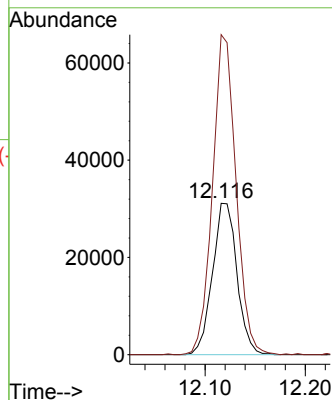
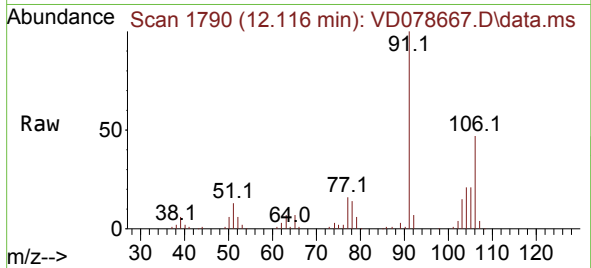
VD0314SBS01

Tgt Ion:106 Resp: 52822

Ion Ratio Lower Upper

106 100

91 203.2 99.6 298.7



#70

Styrene

Concen: 19.960 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

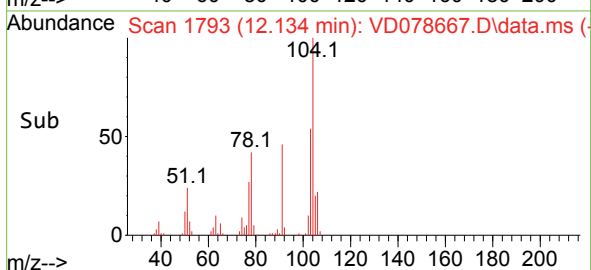
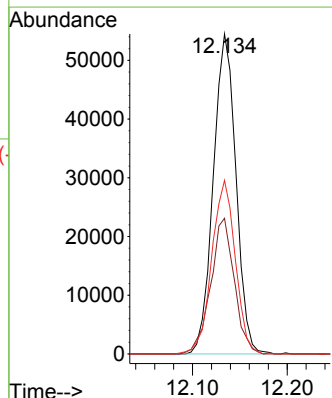
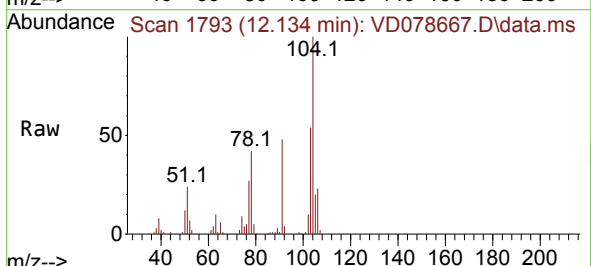
Tgt Ion:104 Resp: 90601

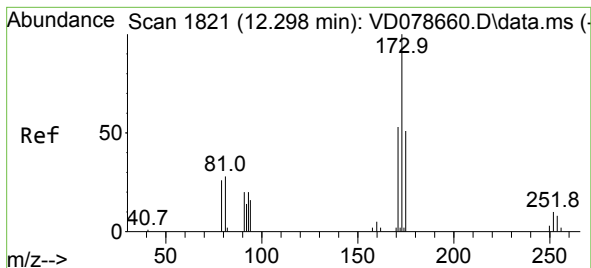
Ion Ratio Lower Upper

104 100

78 44.2 34.6 52.0

103 56.5 44.2 66.2





#71

Bromoform

Concen: 20.309 ug/l

RT: 12.293 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

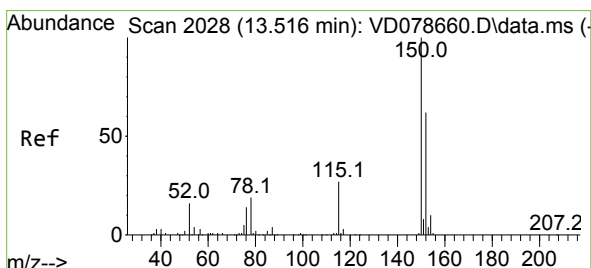
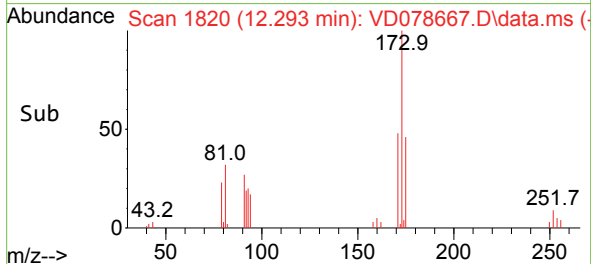
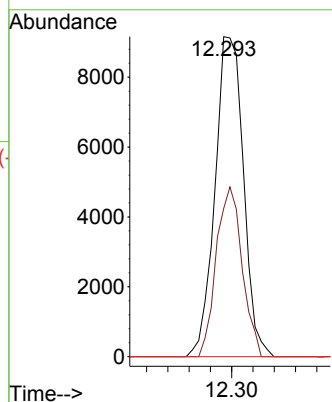
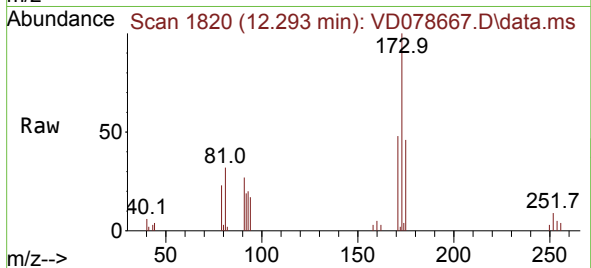
Tgt Ion:173 Resp: 16979

Ion Ratio Lower Upper

173 100

175 48.0 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: VD078667.D

Acq: 14 Mar 2024 15:28

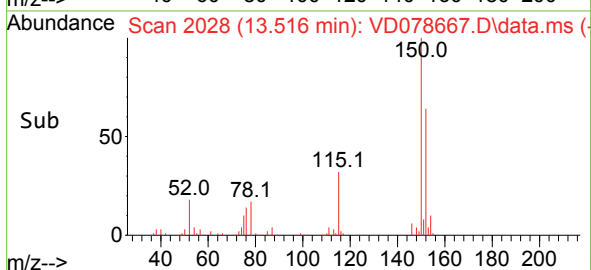
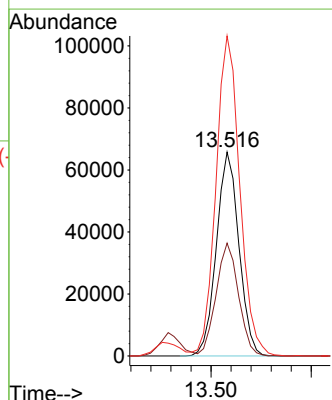
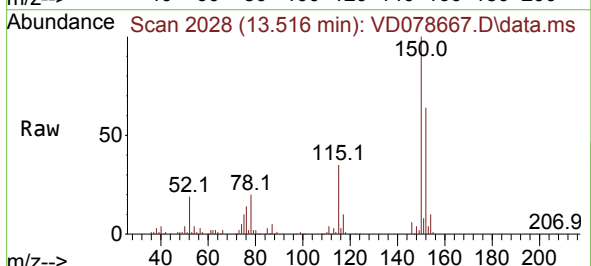
Tgt Ion:152 Resp: 102369

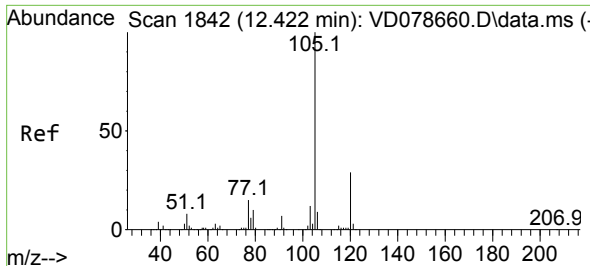
Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.2

150 165.9 0.0 350.2

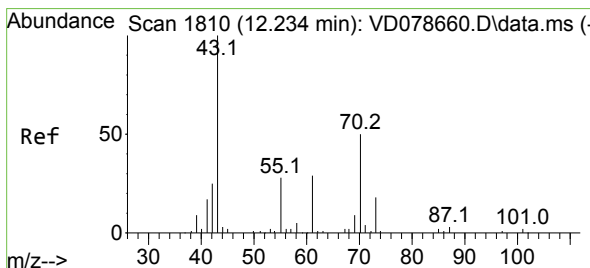
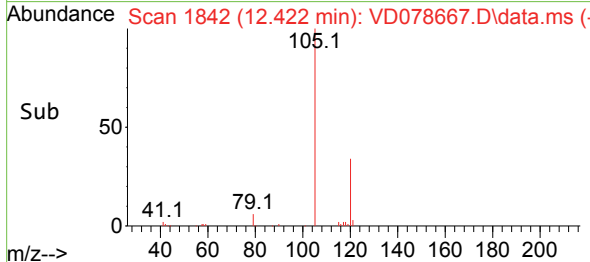
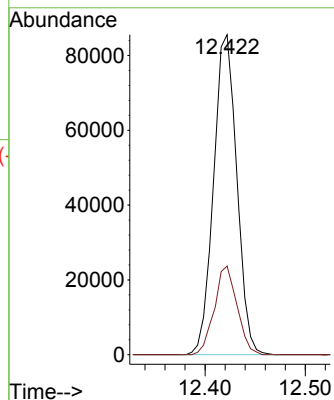
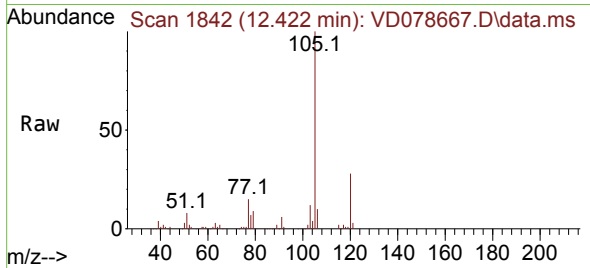




#73
Isopropylbenzene
Concen: 20.437 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

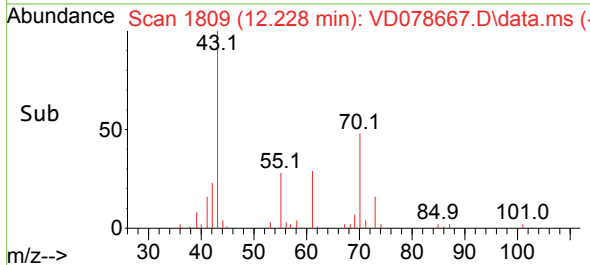
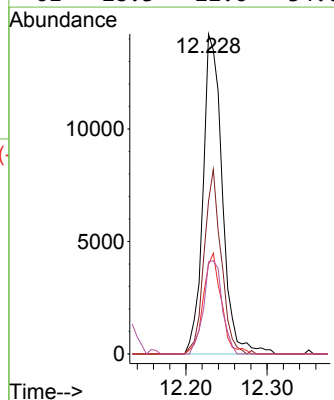
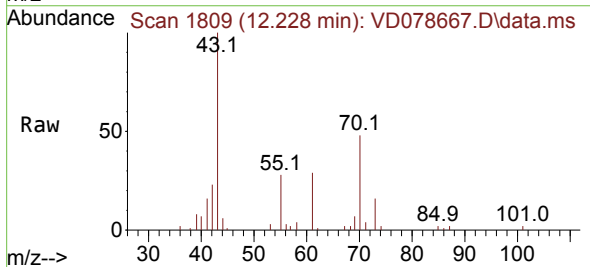
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

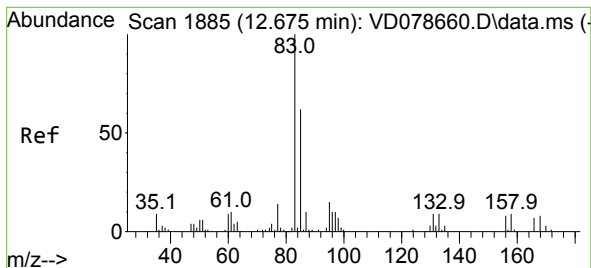
Tgt Ion:105 Resp: 137744
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 21.413 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 43 Resp: 23432
Ion Ratio Lower Upper
43 100
70 50.9 42.1 63.1
55 29.5 22.6 33.8
61 28.3 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.901 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

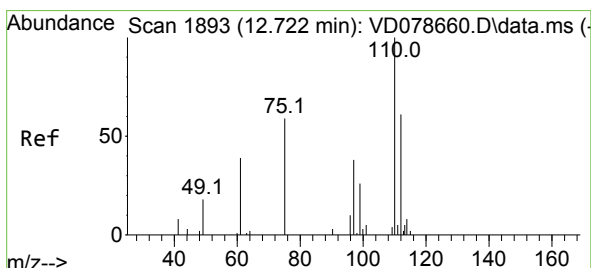
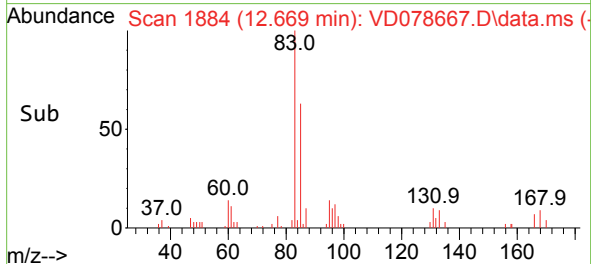
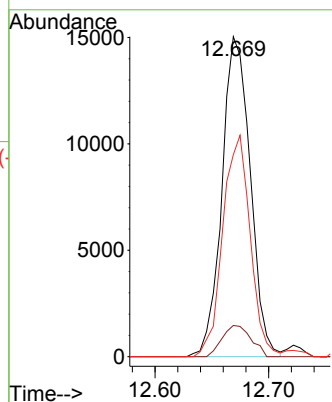
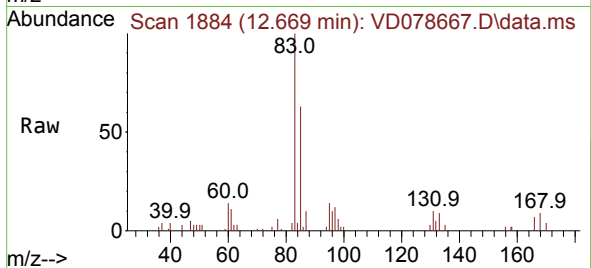
Tgt Ion: 83 Resp: 26078

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 67.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 38.187 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078667.D

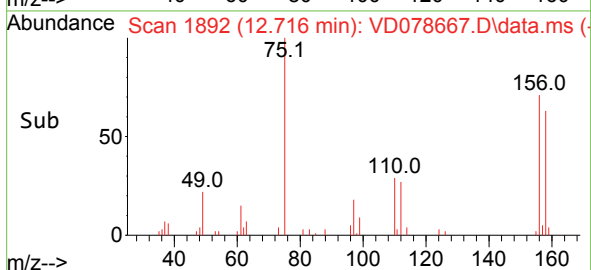
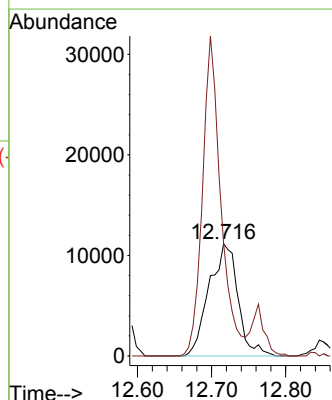
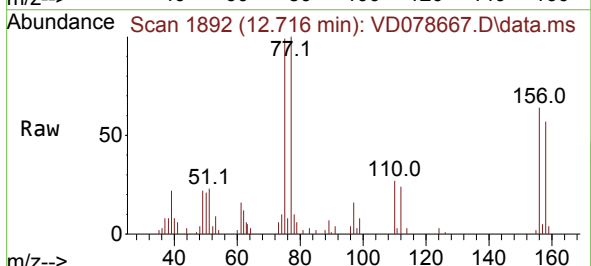
Acq: 14 Mar 2024 15:28

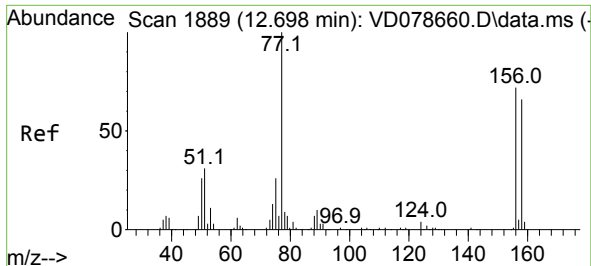
Tgt Ion: 75 Resp: 30118

Ion Ratio Lower Upper

75 100

77 183.2 0.0 0.0#

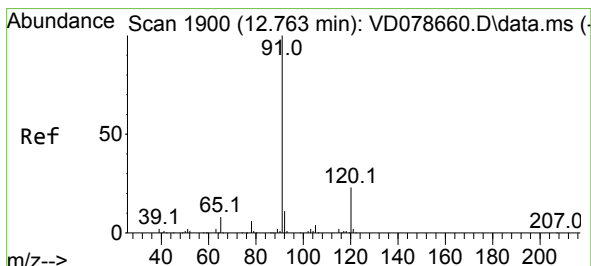
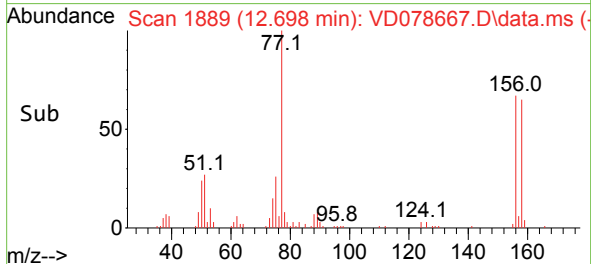
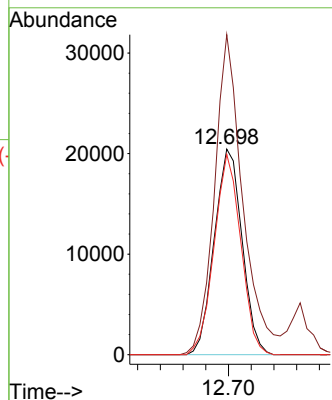
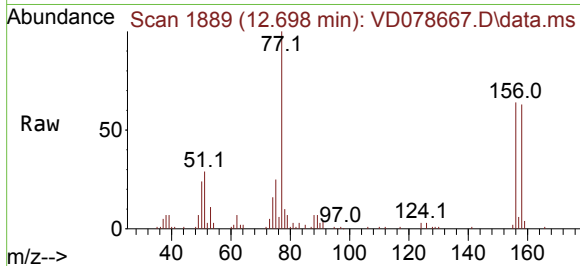




#77
Bromobenzene
Concen: 20.815 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

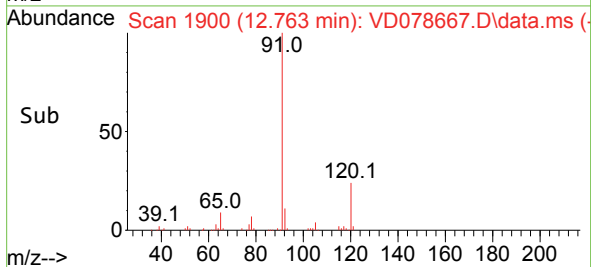
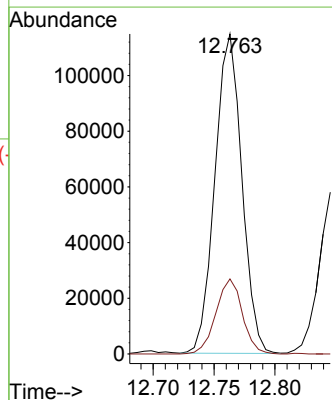
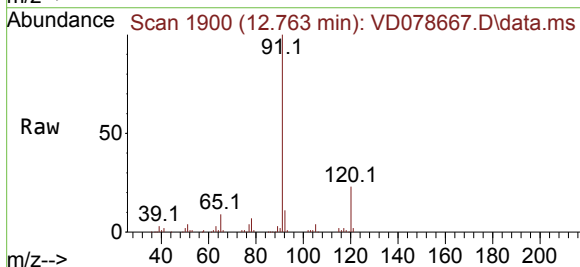
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

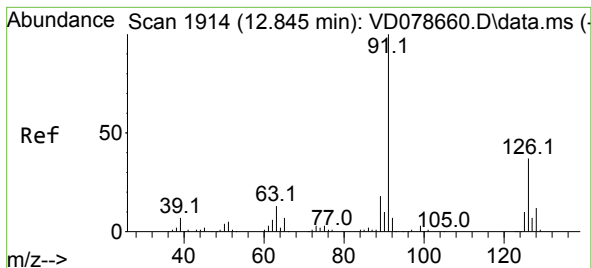
Tgt Ion	Resp	Lower	Upper
156	100		
77	158.5	79.1	237.3
158	93.5	47.0	141.0



#78
n-propylbenzene
Concen: 21.495 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion	Resp	Lower	Upper
91	100		
120	23.1	11.7	35.1

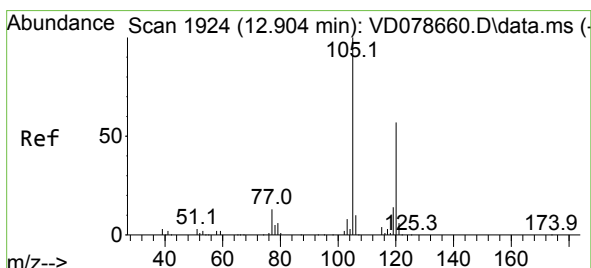
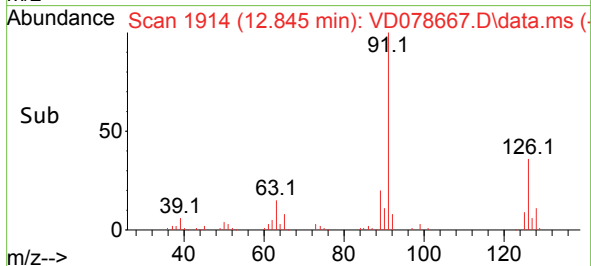
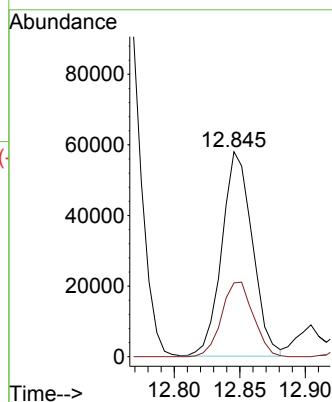
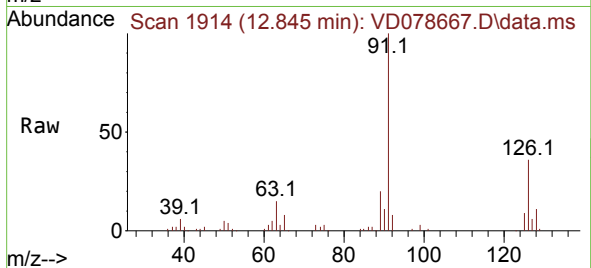




#79
2-Chlorotoluene
Concen: 20.898 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

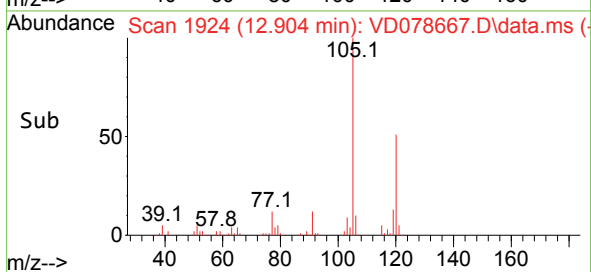
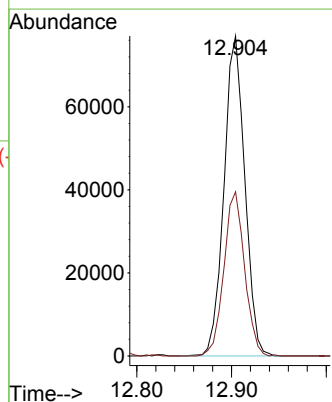
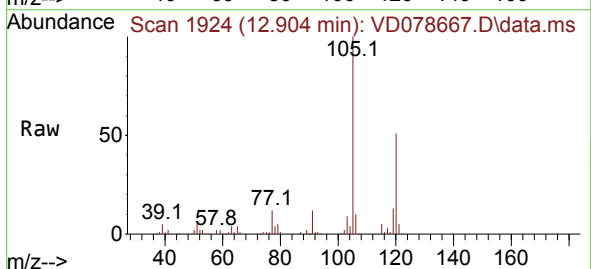
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

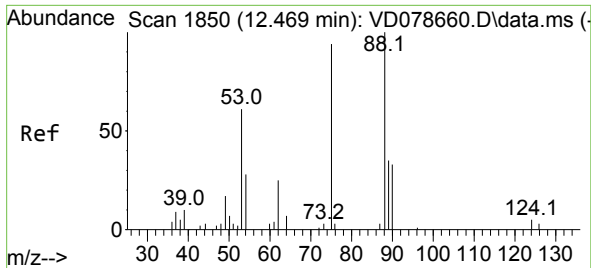
Tgt Ion: 91 Resp: 94055
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.119 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 105 Resp: 117712
Ion Ratio Lower Upper
105 100
120 51.0 25.9 77.7

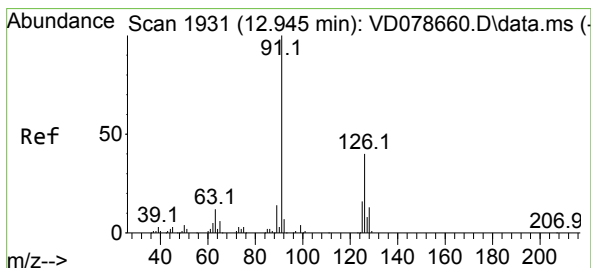
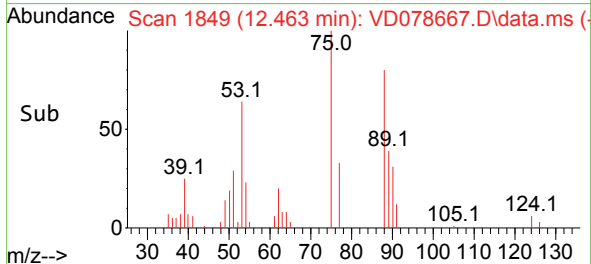
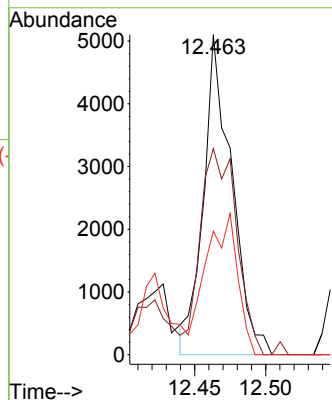
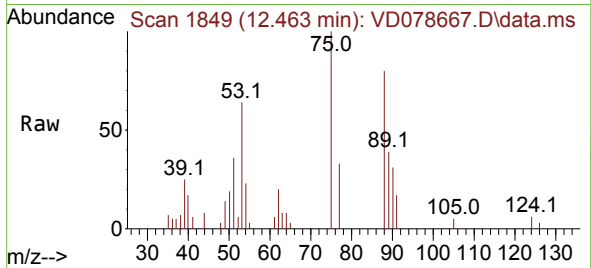




#81
trans-1,4-Dichloro-2-butene
Concen: 18.705 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

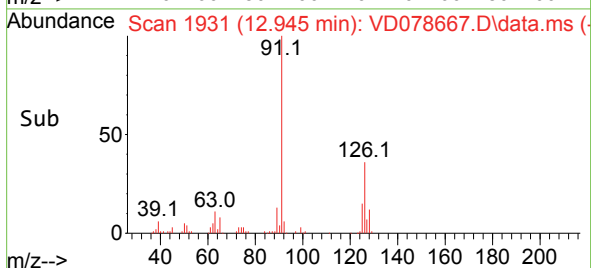
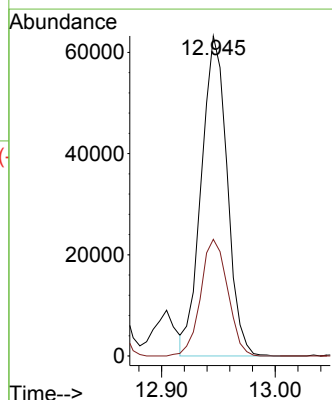
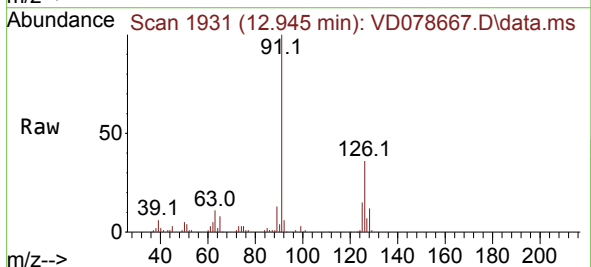
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

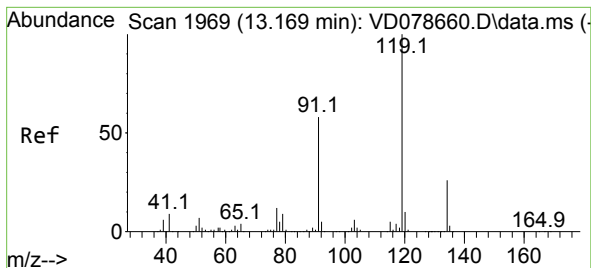
Tgt Ion:	75	Resp:	7038
Ion	Ratio	Lower	Upper
75	100		
53	83.1	61.0	91.6
89	49.0	35.4	53.0



#82
4-Chlorotoluene
Concen: 20.984 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:	91	Resp:	99893
Ion	Ratio	Lower	Upper
91	100		
126	38.1	18.9	56.5





#83

tert-Butylbenzene

Concen: 20.971 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

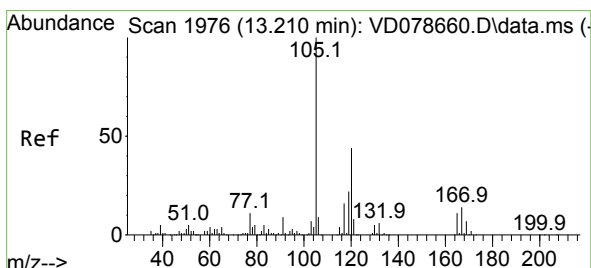
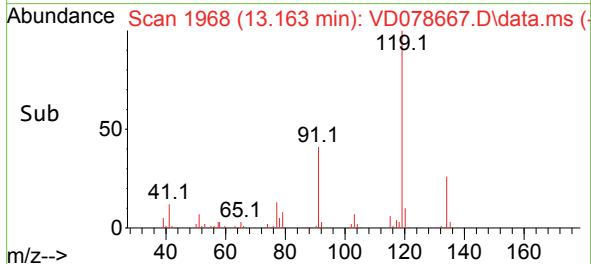
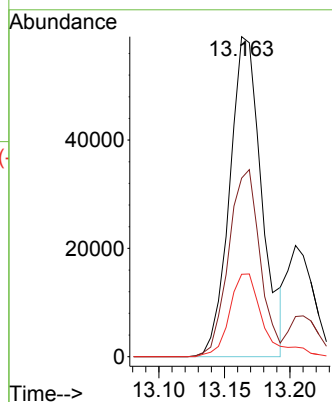
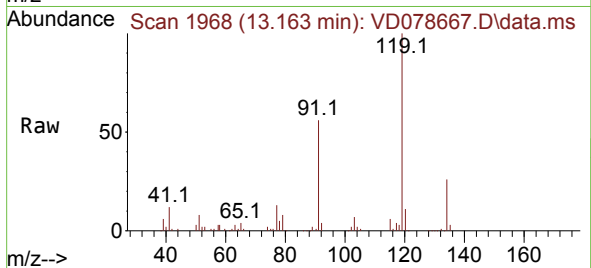
Tgt Ion:119 Resp: 100782

Ion Ratio Lower Upper

119 100

91 57.3 28.9 86.7

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.915 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078667.D

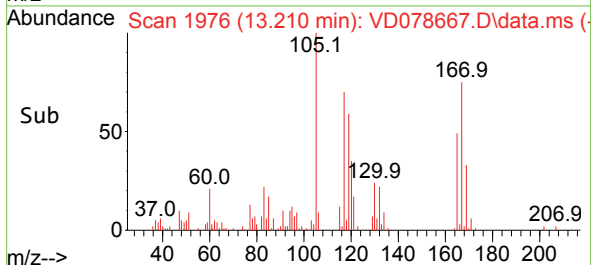
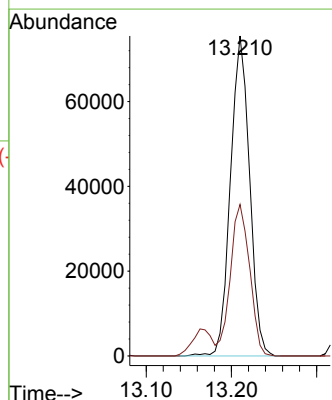
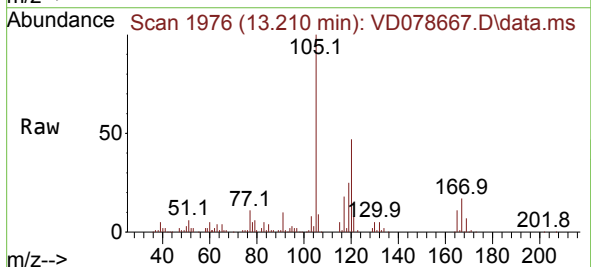
Acq: 14 Mar 2024 15:28

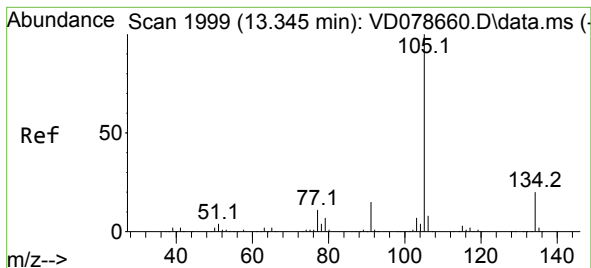
Tgt Ion:105 Resp: 117480

Ion Ratio Lower Upper

105 100

120 47.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.116 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

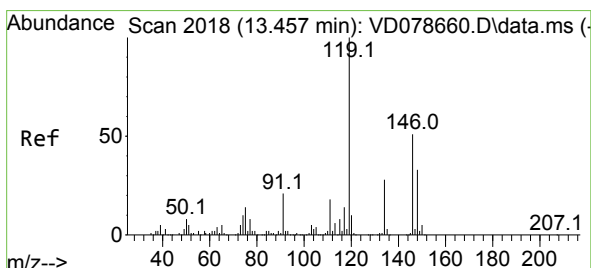
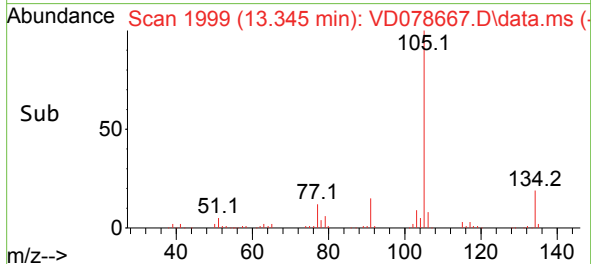
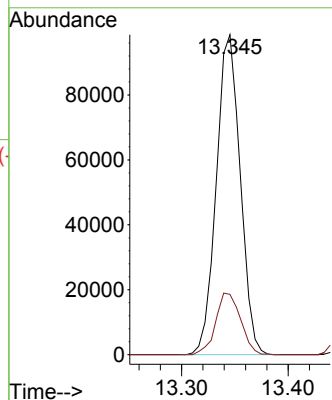
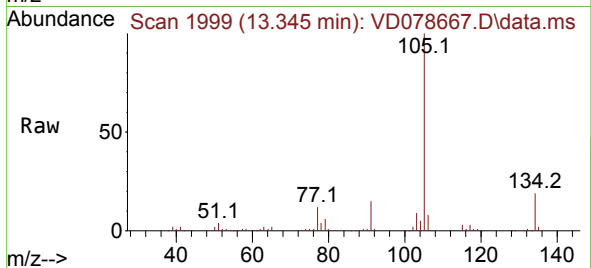
VD0314SBS01

Tgt Ion:105 Resp: 153576

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.482 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

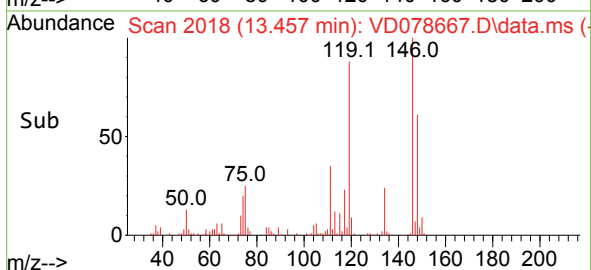
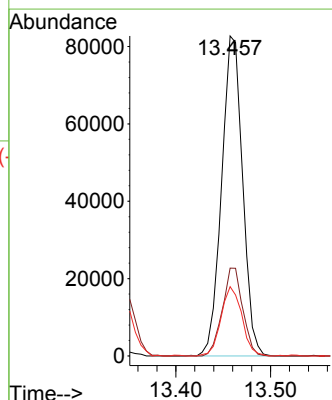
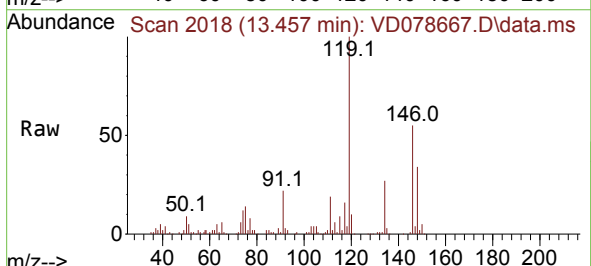
Tgt Ion:119 Resp: 127522

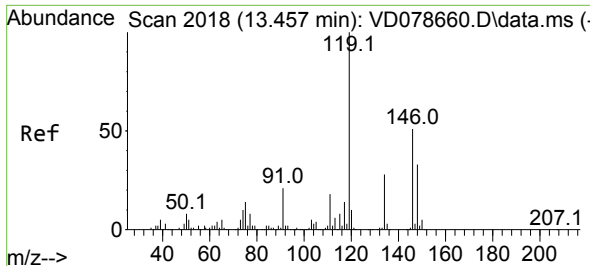
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 21.5 10.4 31.2

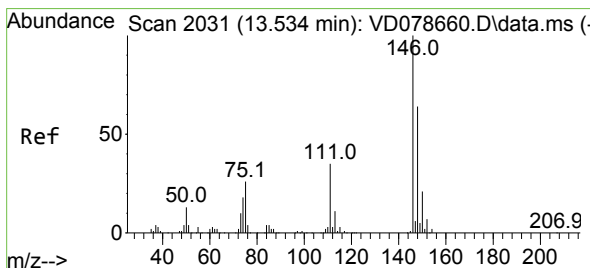
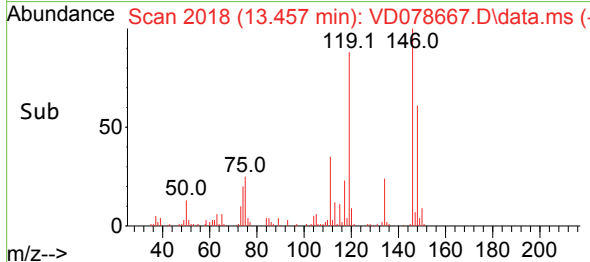
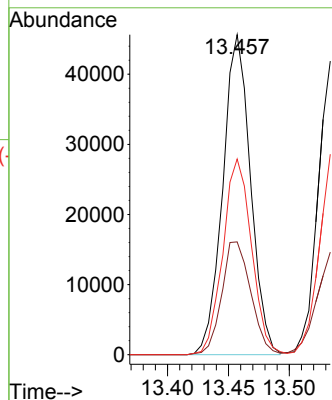
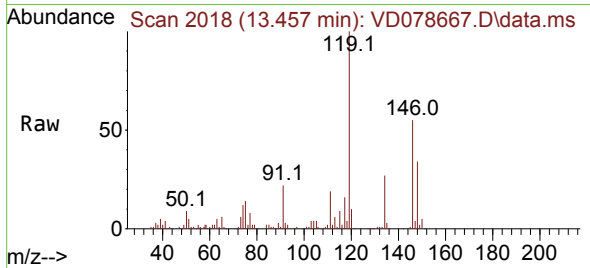




#87
1,3-Dichlorobenzene
Concen: 20.527 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

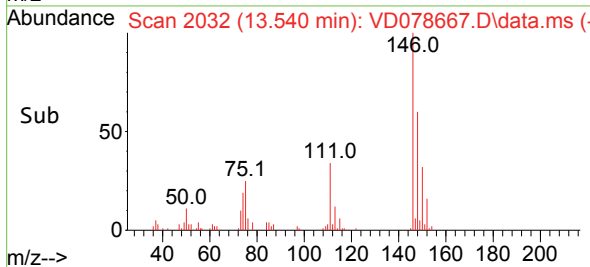
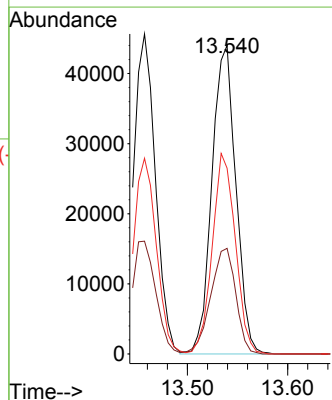
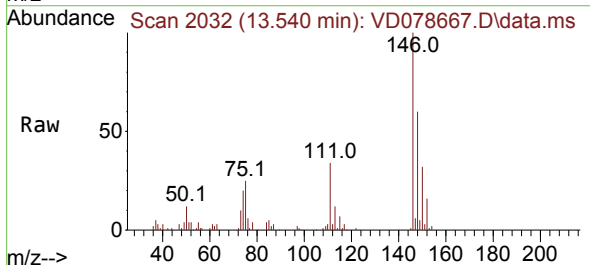
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

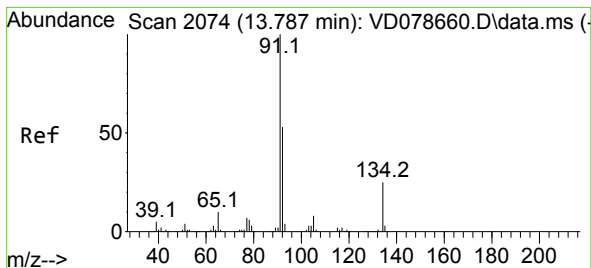
Tgt Ion:146 Resp: 72405
Ion Ratio Lower Upper
146 100
111 36.9 18.2 54.6
148 63.1 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 21.009 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion:146 Resp: 73034
Ion Ratio Lower Upper
146 100
111 36.0 17.8 53.3
148 62.8 32.4 97.0





#89

n-Butylbenzene

Concen: 21.544 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078667.D

Acq: 14 Mar 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

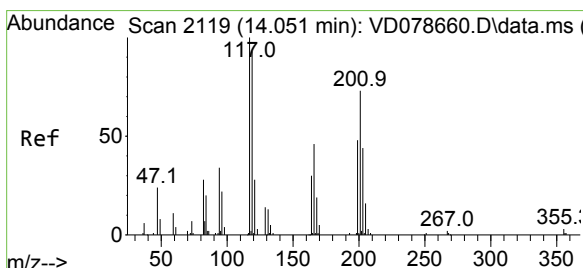
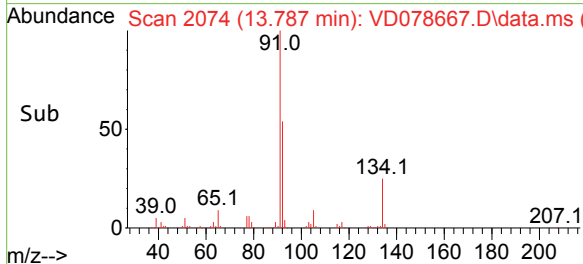
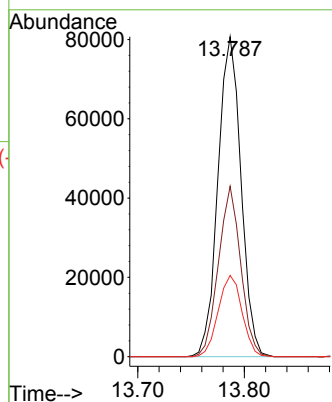
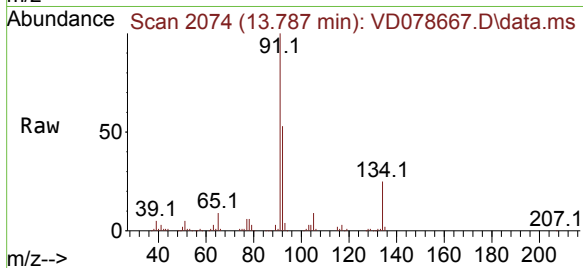
Tgt Ion: 91 Resp: 121137

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.0

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 21.592 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078667.D

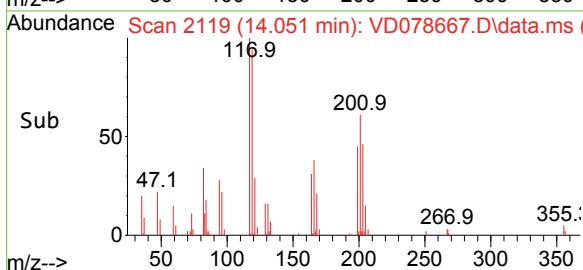
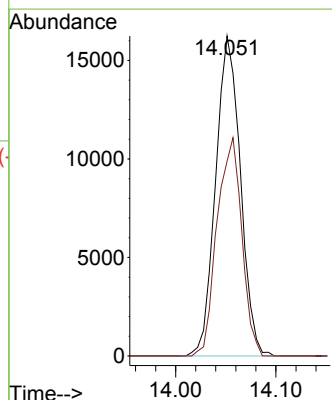
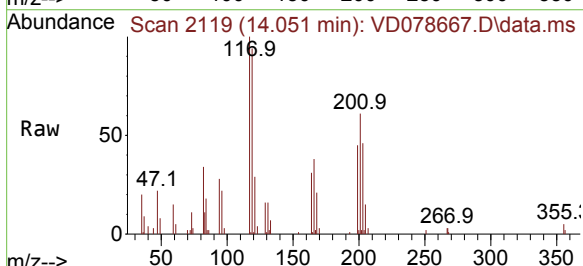
Acq: 14 Mar 2024 15:28

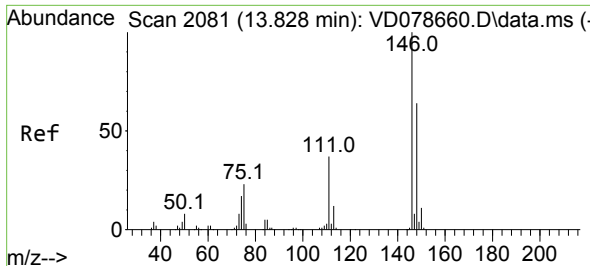
Tgt Ion: 117 Resp: 27816

Ion Ratio Lower Upper

117 100

201 67.9 36.2 108.6

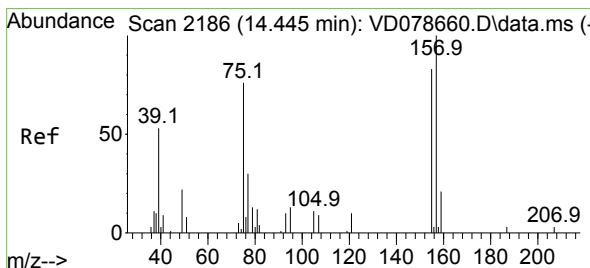
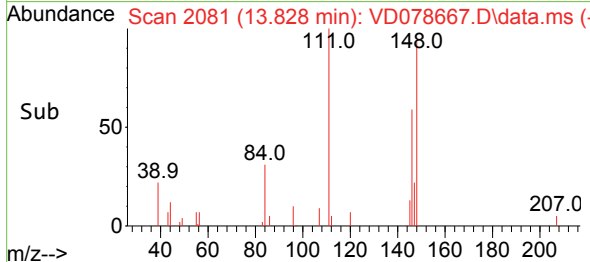
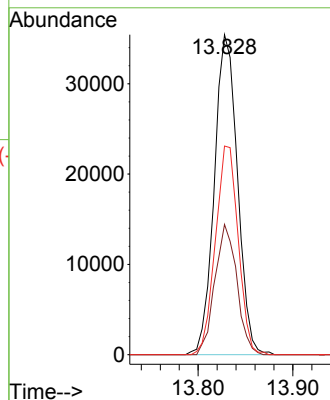
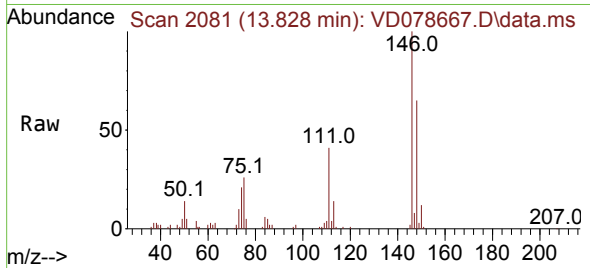




#91
1,2-Dichlorobenzene
Concen: 19.825 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

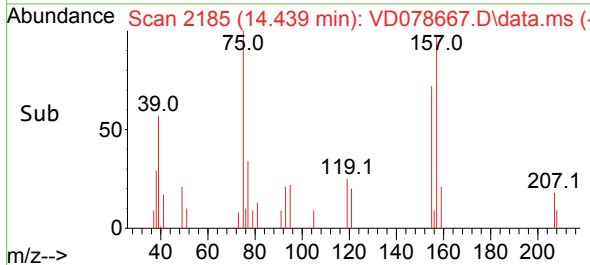
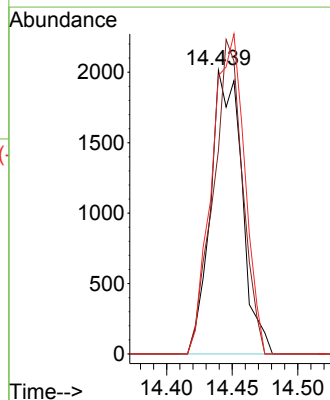
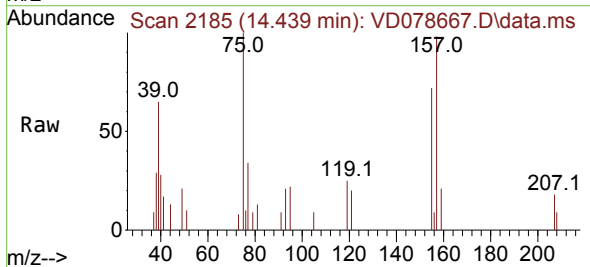
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

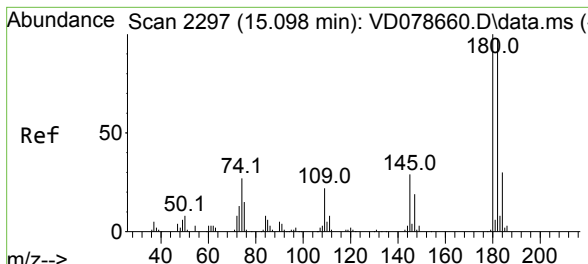
Tgt Ion:146 Resp: 60227
Ion Ratio Lower Upper
146 100
111 38.7 18.6 56.0
148 64.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.101 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD078667.D
Acq: 14 Mar 2024 15:28

Tgt Ion: 75 Resp: 3355
Ion Ratio Lower Upper
75 100
155 103.3 49.8 149.3
157 117.3 65.5 196.3

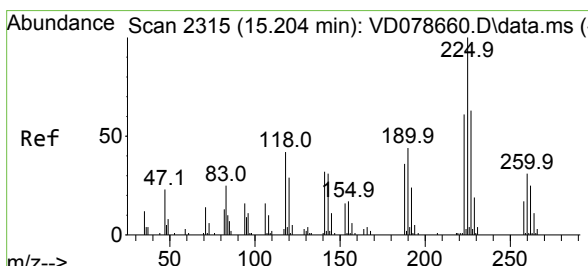
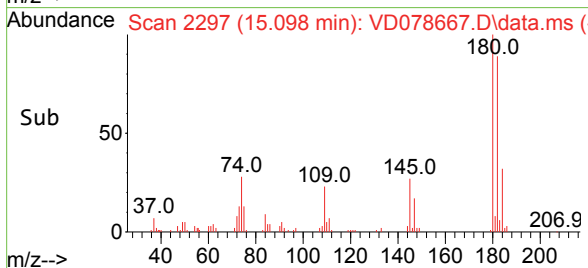
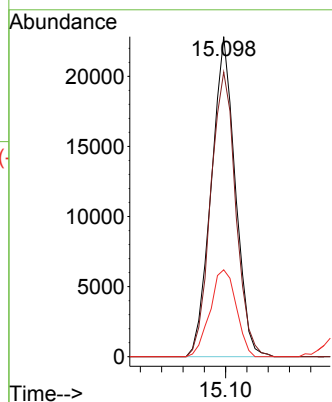
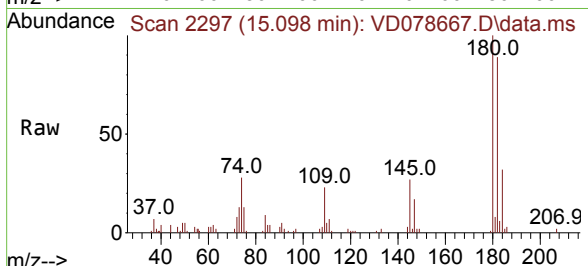




#93
 1,2,4-Trichlorobenzene
 Concen: 20.139 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

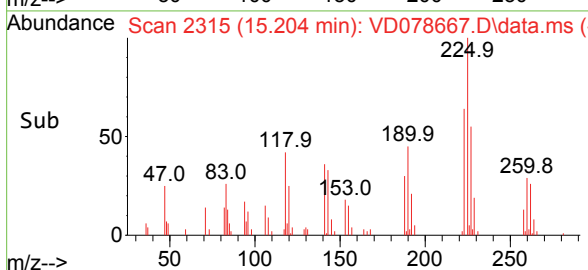
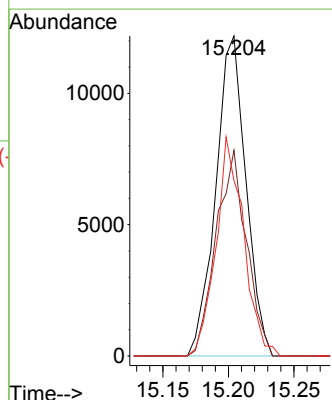
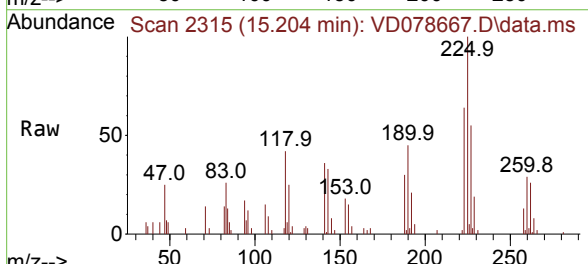
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

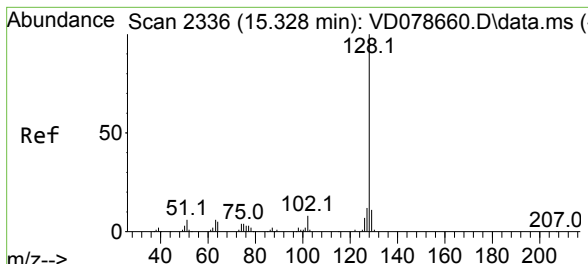
Tgt Ion:180 Resp: 35706
 Ion Ratio Lower Upper
 180 100
 182 92.9 49.7 149.1
 145 29.5 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 20.325 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion:225 Resp: 19509
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 62.7 32.0 96.0

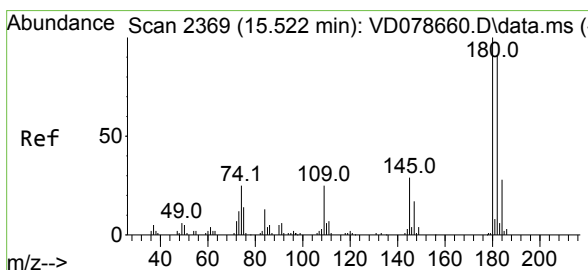
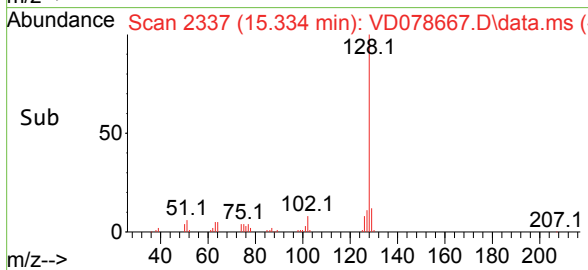
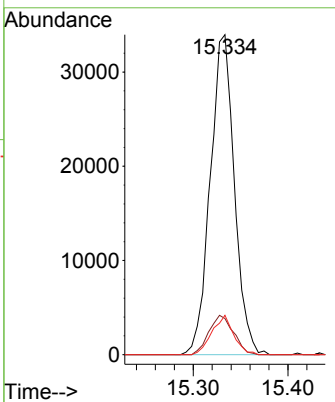
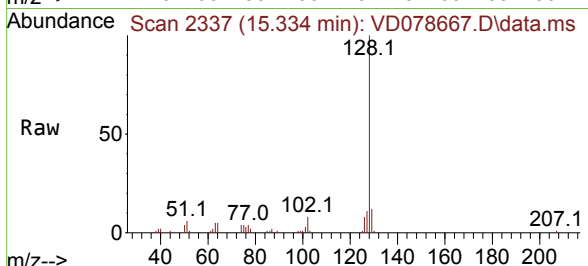




#95
 Naphthalene
 Concen: 19.527 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Tgt Ion:	128	Resp:	60191
Ion Ratio	Lower	Upper	
128	100		
127	11.3	9.3	13.9
129	12.3	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 19.798 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078667.D
 Acq: 14 Mar 2024 15:28

Tgt Ion:	180	Resp:	30367
Ion Ratio	Lower	Upper	
180	100		
182	99.0	46.7	140.1
145	31.9	14.4	43.4

