

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078531.D
 Acq On : 23 Feb 2024 11:52
 Operator : RP/MD
 Sample : VD0223SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Quant Time: Feb 24 00:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55957	43.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.805	113	61842	47.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.269	98	235000	45.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.575	95	68983	45.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19868	17.096	ug/l	98
3) Chloromethane	2.152	50	38395	17.978	ug/l	97
4) Vinyl Chloride	2.281	62	59527	18.266	ug/l	98
5) Bromomethane	2.681	94	48192	21.423	ug/l	98
6) Chloroethane	2.828	64	47994	20.196	ug/l	97
7) Trichlorofluoromethane	3.169	101	44869	20.410	ug/l	97
8) Diethyl Ether	3.593	74	12998	20.527	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	28376	20.460	ug/l	94
10) Methyl Iodide	4.164	142	22752	18.316	ug/l #	90
11) Tert butyl alcohol	5.058	59	8263	116.529	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	25531	19.856	ug/l	97
13) Acrolein	3.799	56	9954	84.487	ug/l	98
14) Allyl chloride	4.564	41	30827	19.407	ug/l #	77
15) Acrylonitrile	5.258	53	29202	107.729	ug/l	99
16) Acetone	4.022	43	33704	123.240	ug/l	91
17) Carbon Disulfide	4.264	76	69055	15.961	ug/l	100
18) Methyl Acetate	4.575	43	10956	15.070	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	56432	20.657	ug/l	98
20) Methylene Chloride	4.793	84	36128	23.362	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	29204	19.307	ug/l	97
22) Diisopropyl ether	6.210	45	70397	20.108	ug/l	91
23) Vinyl Acetate	6.158	43	215246	144.070	ug/l	97
24) 1,1-Dichloroethane	6.116	63	51903	20.928	ug/l	98
25) 2-Butanone	7.081	43	40545	117.138	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	44992	21.640	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	34618	20.860	ug/l	96
28) Bromochloromethane	7.428	49	21038	21.417	ug/l	88
29) Tetrahydrofuran	7.446	42	20204	106.528	ug/l	93
30) Chloroform	7.599	83	55719	21.234	ug/l	96
31) Cyclohexane	7.875	56	37598	17.428	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	47914	21.416	ug/l	98
36) 1,1-Dichloropropene	8.005	75	41174	20.319	ug/l	98
37) Ethyl Acetate	7.175	43	15964	22.473	ug/l	95
38) Carbon Tetrachloride	7.993	117	41090	20.475	ug/l	95
39) Methylcyclohexane	9.275	83	43497	18.081	ug/l	97
40) Benzene	8.252	78	118807	20.284	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	5433	14.696	ug/l #	62
42) 1,2-Dichloroethane	8.328	62	30942	20.416	ug/l	99
43) Isopropyl Acetate	8.357	43	27419	20.845	ug/l #	84
44) Trichloroethene	9.028	130	32143	21.511	ug/l	93
45) 1,2-Dichloropropane	9.304	63	29893	20.801	ug/l	96
46) Dibromomethane	9.393	93	17593	21.765	ug/l	90
47) Bromodichloromethane	9.587	83	44407	22.180	ug/l	98
48) Methyl methacrylate	9.375	41	11946	17.118	ug/l #	87
49) 1,4-Dioxane	9.399	88	3804	434.554	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	76275	109.254	ug/l	93
52) Toluene	10.334	92	75902	20.492	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	38779	21.227	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	44732	20.193	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	23750	21.818	ug/l	93
56) Ethyl methacrylate	10.599	69	25307	25.137	ug/l	97
57) 1,3-Dichloropropane	10.881	76	39350	21.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	65227	109.990	ug/l	97
59) 2-Hexanone	10.922	43	61832	117.851	ug/l	89
60) Dibromochloromethane	11.075	129	30424	23.229	ug/l	98
61) 1,2-Dibromoethane	11.175	107	22569	22.084	ug/l	99
64) Tetrachloroethene	10.810	164	24612	20.141	ug/l	92
65) Chlorobenzene	11.604	112	84067	21.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	30761	21.521	ug/l	98
67) Ethyl Benzene	11.681	91	142962	20.515	ug/l	99
68) m/p-Xylenes	11.793	106	110801	40.762	ug/l	89
69) o-Xylene	12.122	106	51766	20.868	ug/l	93
70) Styrene	12.134	104	93492	23.093	ug/l	98
71) Bromoform	12.298	173	17348	23.060	ug/l #	99
73) Isopropylbenzene	12.422	105	134463	20.011	ug/l	96
74) N-amyl acetate	12.234	43	25395	19.977	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	29912	22.441	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	32519	38.277	ug/l #	100
77) Bromobenzene	12.704	156	33461	21.189	ug/l	92
78) n-propylbenzene	12.763	91	172888	20.646	ug/l	96
79) 2-Chlorotoluene	12.851	91	92078	20.530	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	111411	19.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	9183	22.440	ug/l	99
82) 4-Chlorotoluene	12.945	91	98516	20.452	ug/l	95
83) tert-Butylbenzene	13.169	119	98002	20.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	114202	20.167	ug/l	98
85) sec-Butylbenzene	13.345	105	154832	21.216	ug/l	95
86) p-Isopropyltoluene	13.463	119	126127	20.291	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	70593	20.944	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	71118	21.474	ug/l	96
89) n-Butylbenzene	13.787	91	119728	19.984	ug/l	98
90) Hexachloroethane	14.057	117	27576	21.585	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	61074	21.578	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4137	23.703	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	35771	21.505	ug/l	97
94) Hexachlorobutadiene	15.204	225	18229	20.996	ug/l	98
95) Naphthalene	15.334	128	65193	21.131	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	31693	22.482	ug/l	99

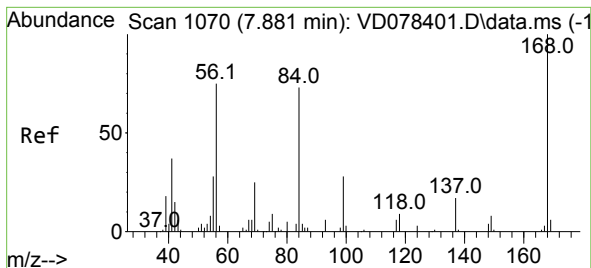
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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# 1

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

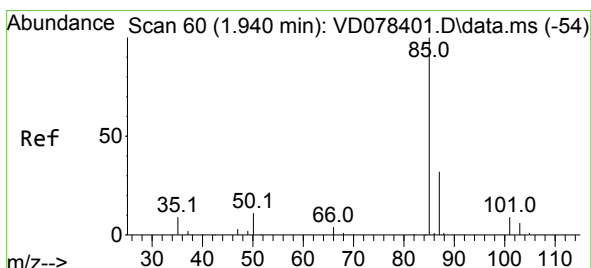
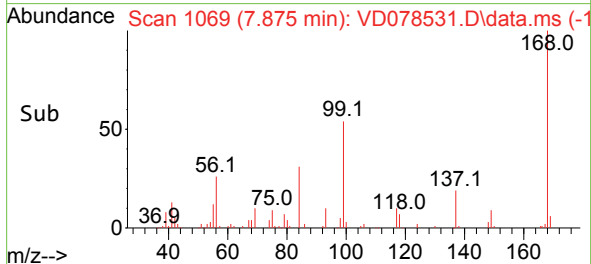
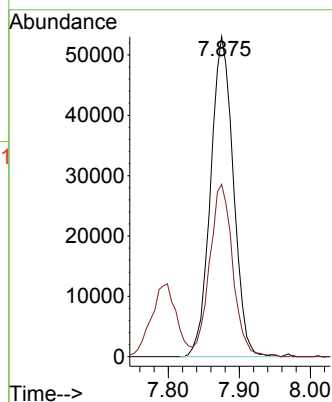
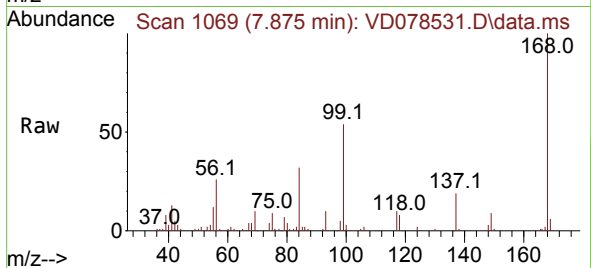
VD0223SBS01

Tgt Ion:168 Resp: 117948

Ion Ratio Lower Upper

168 100

99 53.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 17.096 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078531.D

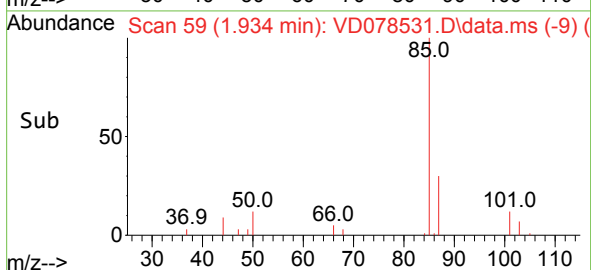
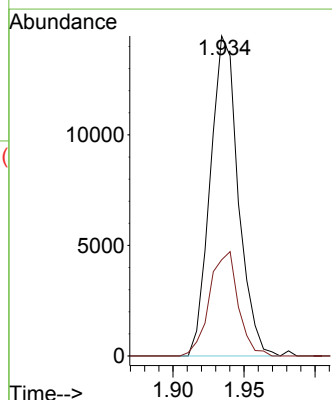
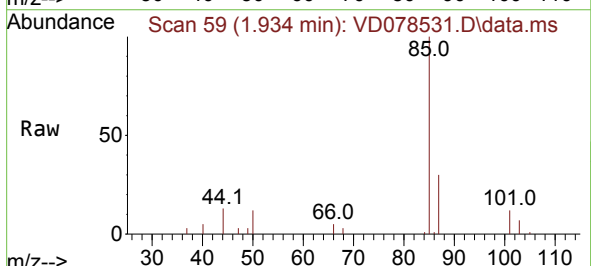
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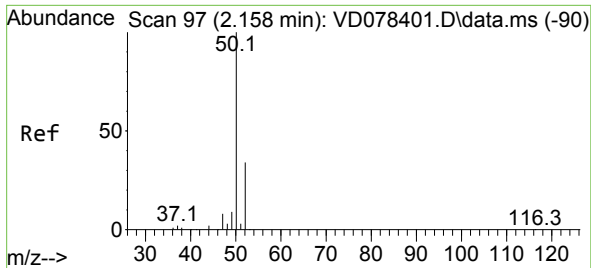
Tgt Ion: 85 Resp: 19868

Ion Ratio Lower Upper

85 100

87 30.1 15.7 47.0

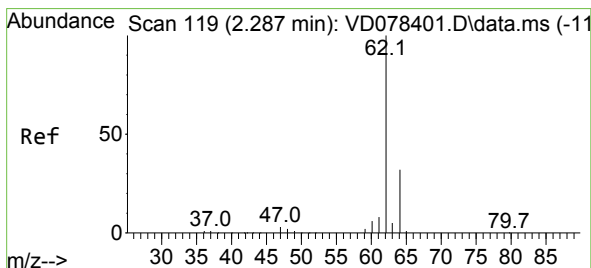
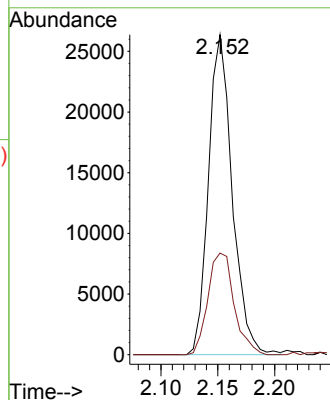
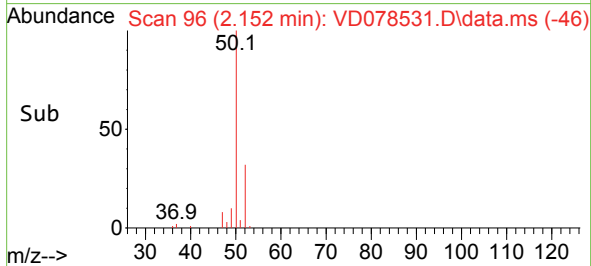
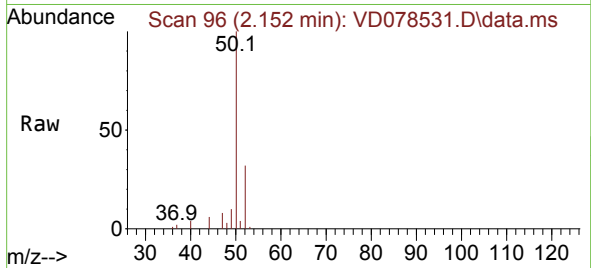




#3
Chloromethane
Concen: 17.978 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

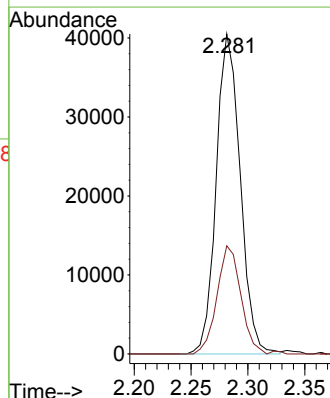
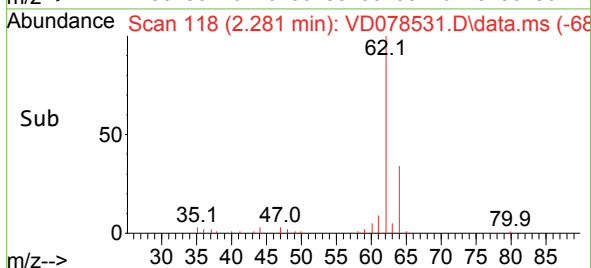
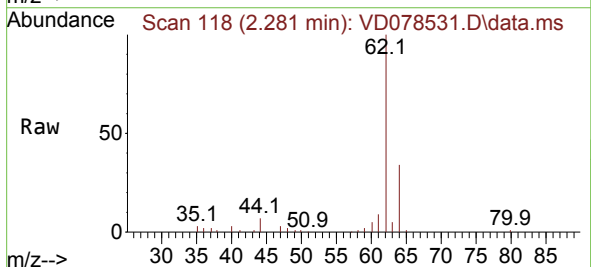
Instrument :
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VD0223SBS01

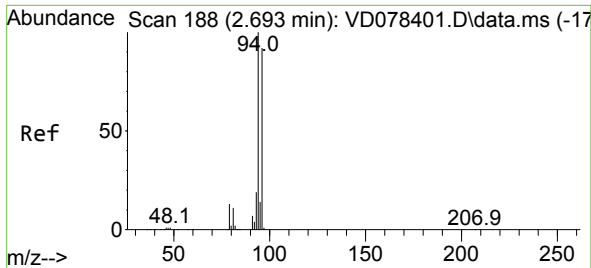
Tgt Ion: 50 Resp: 38395
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 18.266 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 62 Resp: 59527
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

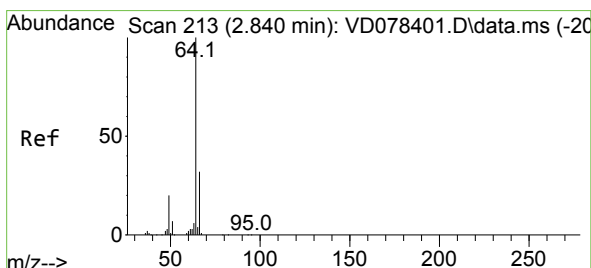
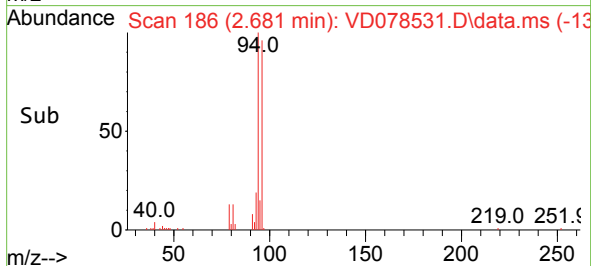
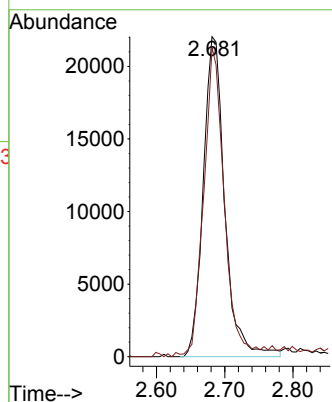
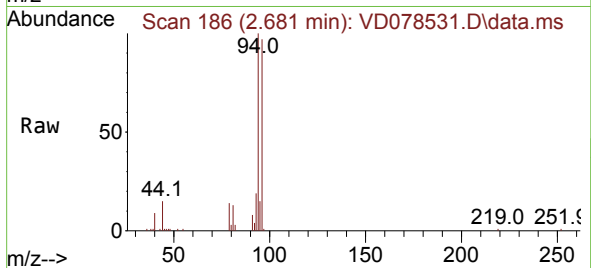




#5
Bromomethane
Concen: 21.423 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

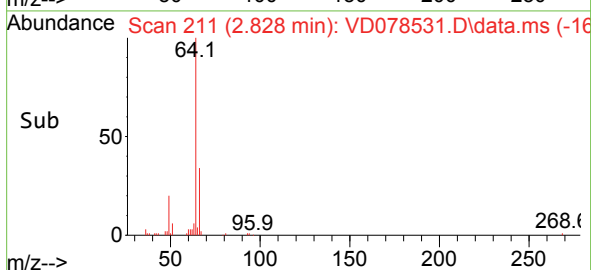
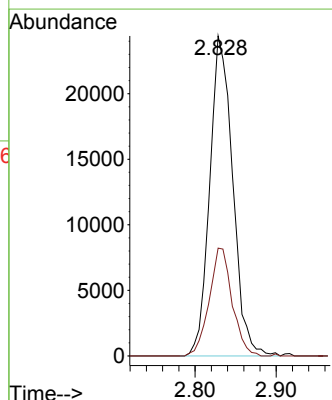
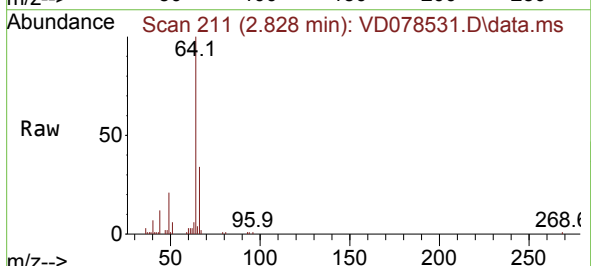
Instrument :
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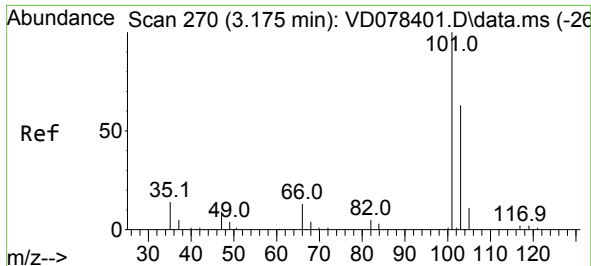
Tgt Ion: 94 Resp: 48192
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 20.196 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 64 Resp: 47994
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3

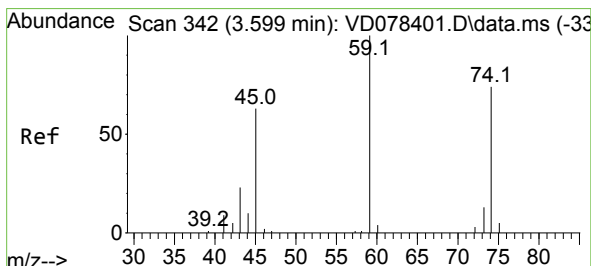
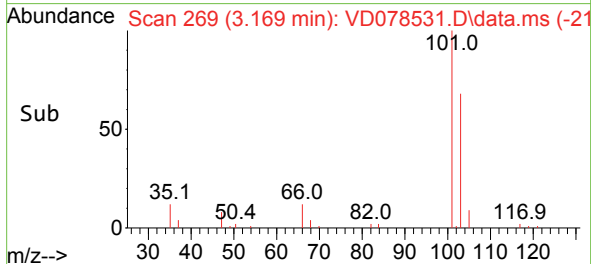
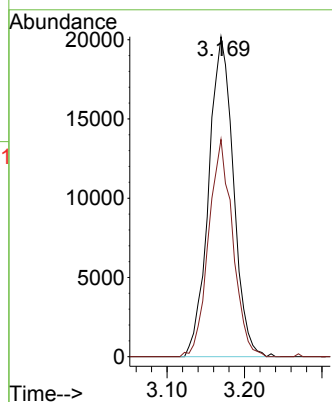
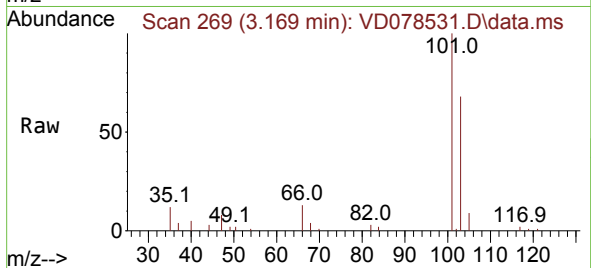




#7
Trichlorofluoromethane
Concen: 20.410 ug/l
RT: 3.169 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

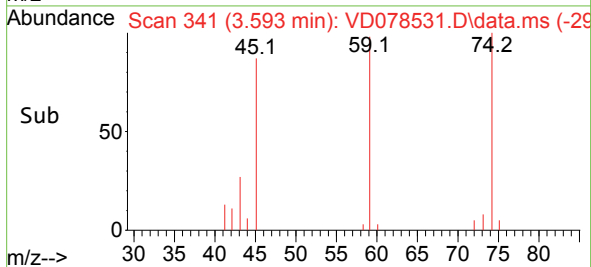
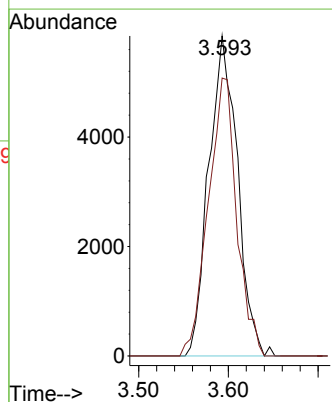
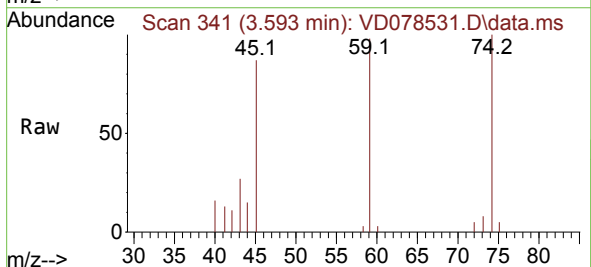
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion:101 Resp: 44869
Ion Ratio Lower Upper
101 100
103 67.9 52.3 78.5



#8
Diethyl Ether
Concen: 20.527 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 74 Resp: 12998
Ion Ratio Lower Upper
74 100
45 86.0 37.5 112.7

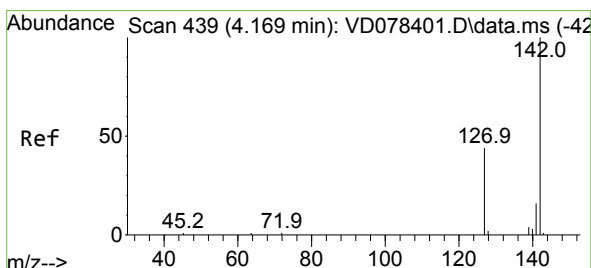
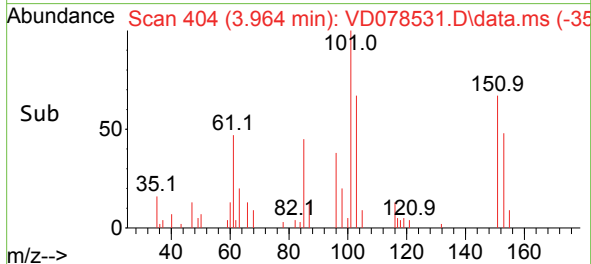
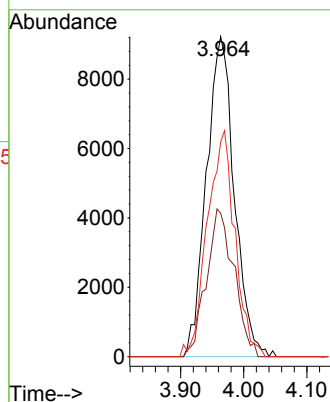
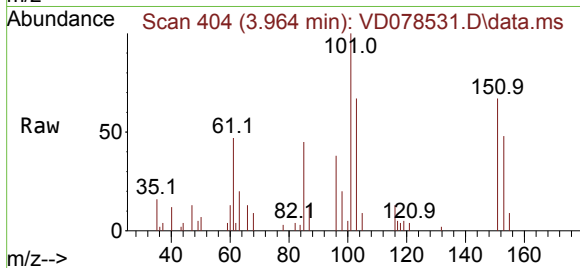




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.460 ug/l
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078531.D
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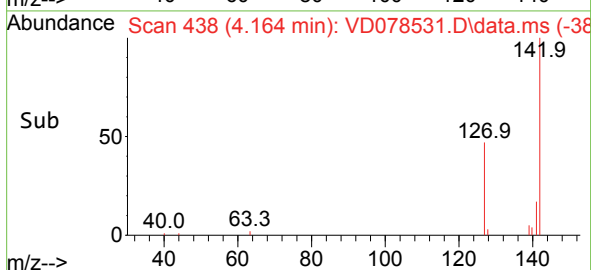
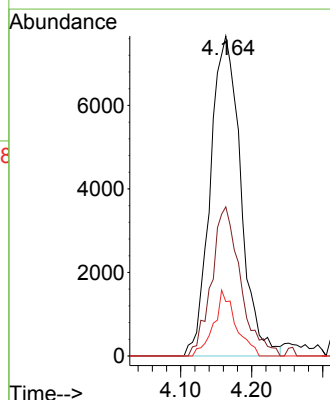
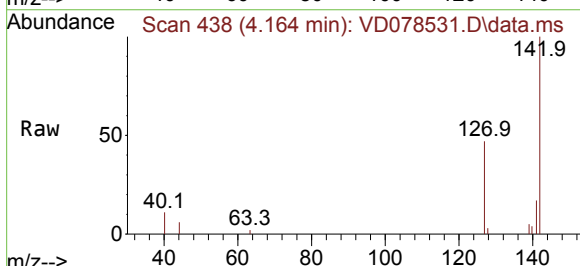
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

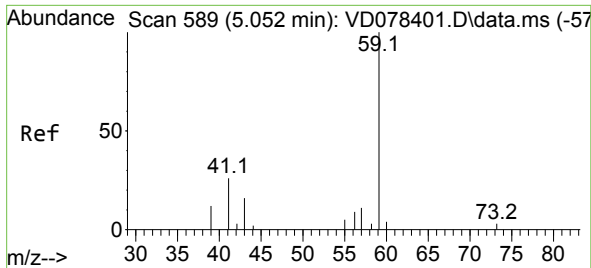
Tgt Ion:	101	Resp:	28376
Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.8	50.6
151	69.6	59.8	89.6



#10
 Methyl Iodide
 Concen: 18.316 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Tgt Ion:	142	Resp:	22752
Ion	Ratio	Lower	Upper
142	100		
127	44.3	29.4	44.0#
141	15.0	11.1	16.7





#11

Tert butyl alcohol

Concen: 116.529 ug/l

RT: 5.058 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

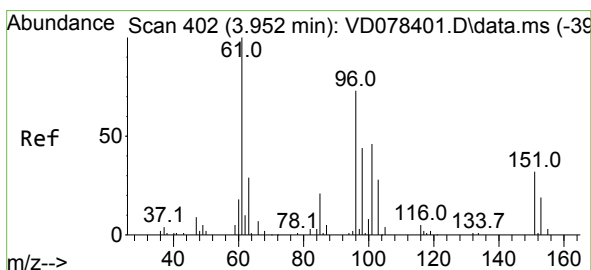
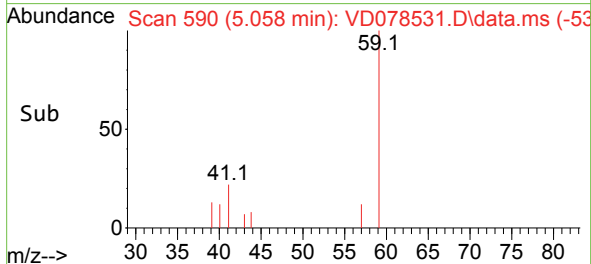
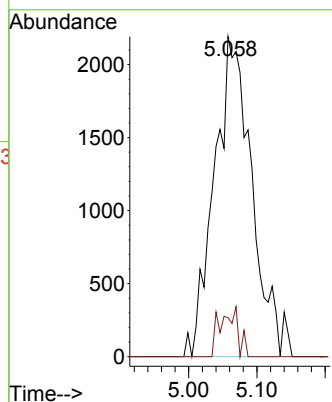
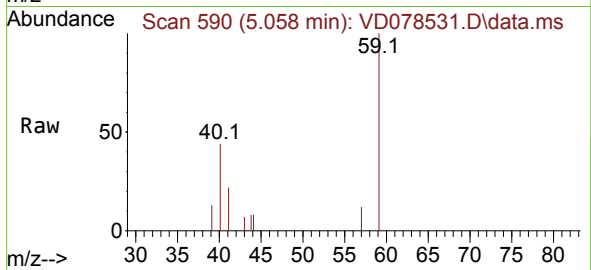
VD0223SBS01

Tgt Ion: 59 Resp: 8263

Ion Ratio Lower Upper

59 100

57 7.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.856 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

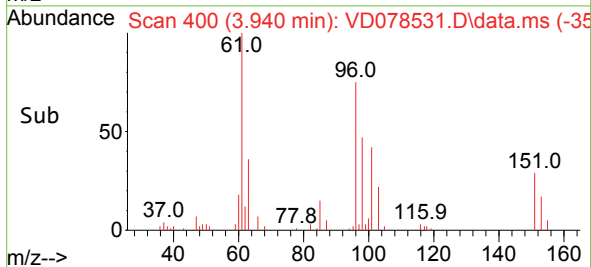
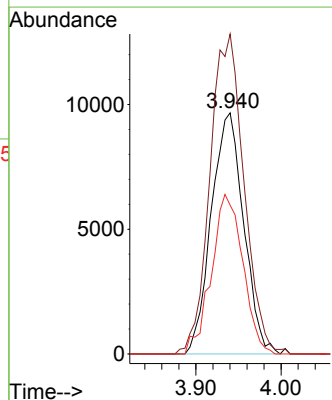
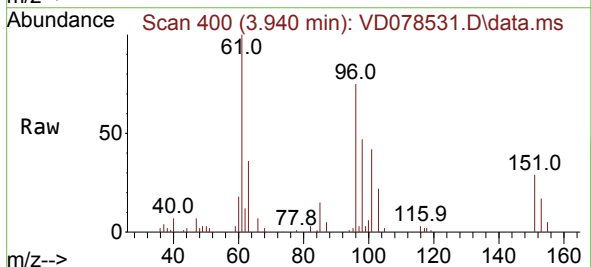
Tgt Ion: 96 Resp: 25531

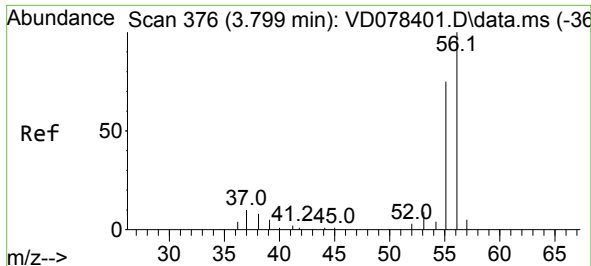
Ion Ratio Lower Upper

96 100

61 130.9 100.6 150.8

98 61.7 50.2 75.2





#13

Acrolein

Concen: 84.487 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

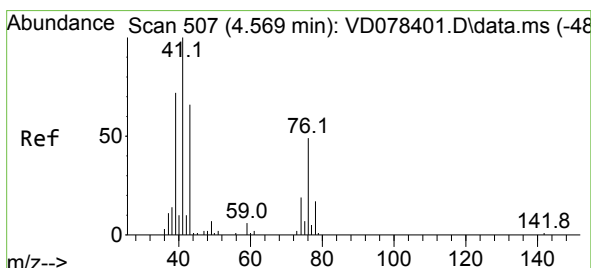
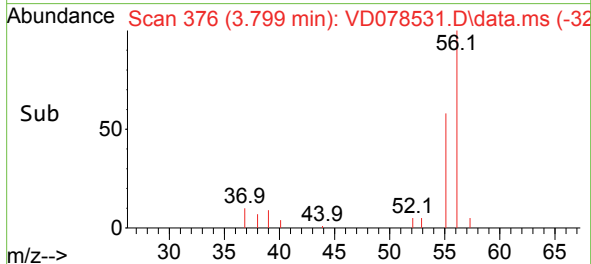
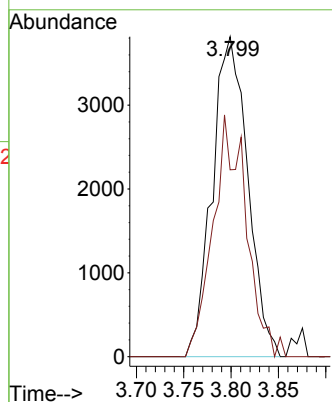
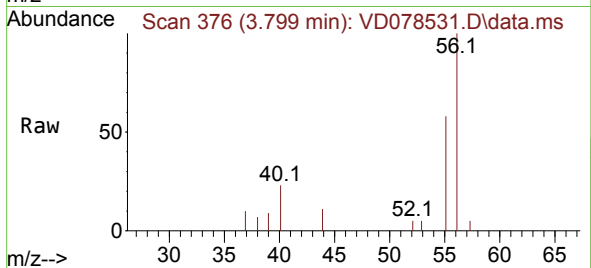
VD0223SBS01

Tgt Ion: 56 Resp: 9954

Ion Ratio Lower Upper

56 100

55 70.2 55.1 82.7



#14

Allyl chloride

Concen: 19.407 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

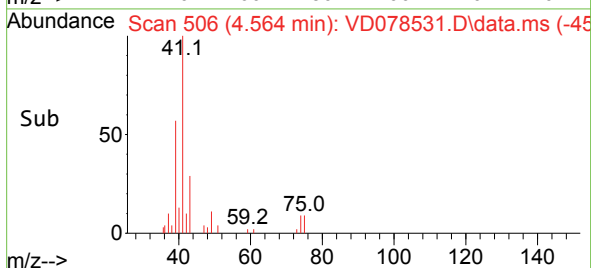
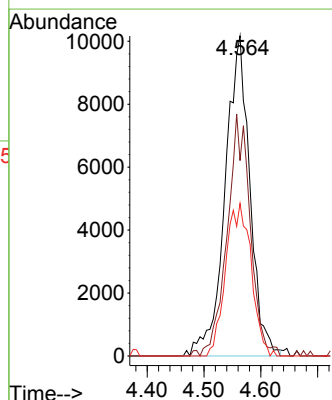
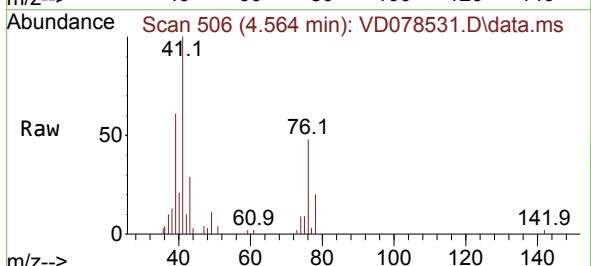
Tgt Ion: 41 Resp: 30827

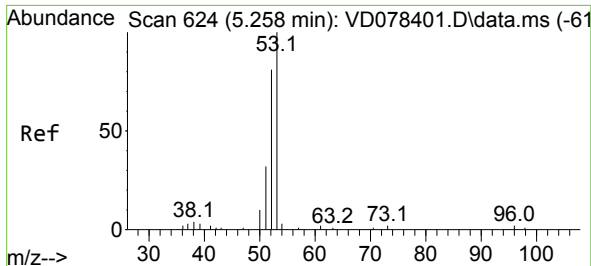
Ion Ratio Lower Upper

41 100

39 70.1 53.8 80.6

76 24.2 45.8 68.8#

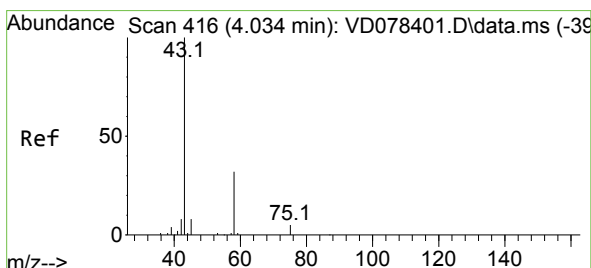
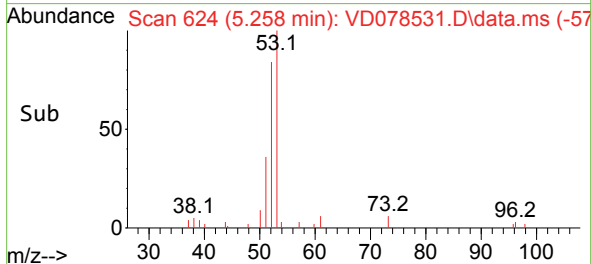
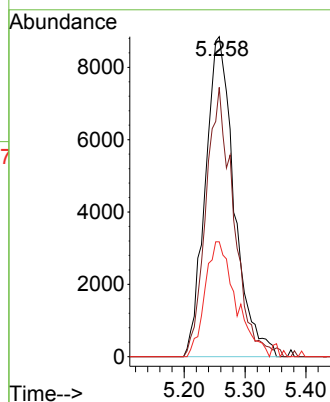
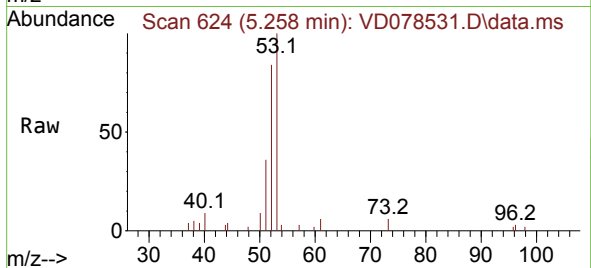




#15
Acrylonitrile
Concen: 107.729 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

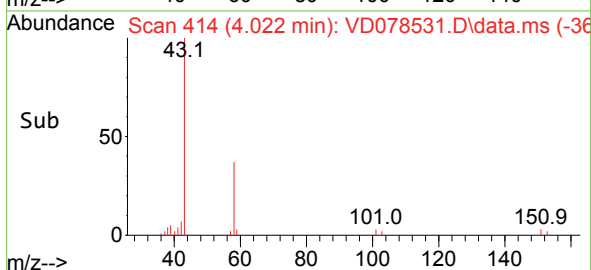
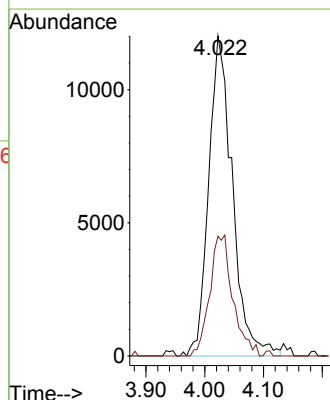
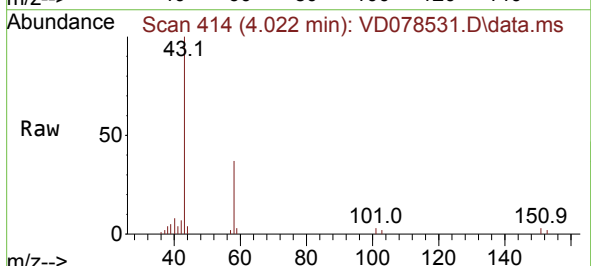
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

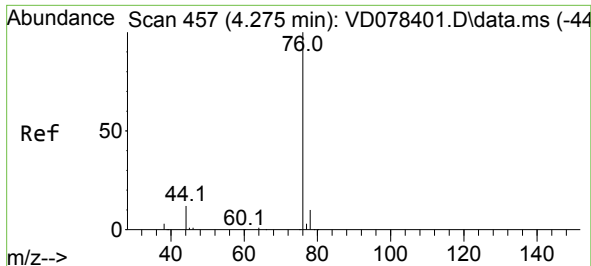
Tgt Ion:	53	Resp:	29202
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.0	97.4
51	38.2	28.3	42.5



#16
Acetone
Concen: 123.240 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:	43	Resp:	33704
Ion	Ratio	Lower	Upper
43	100		
58	37.4	34.7	52.1

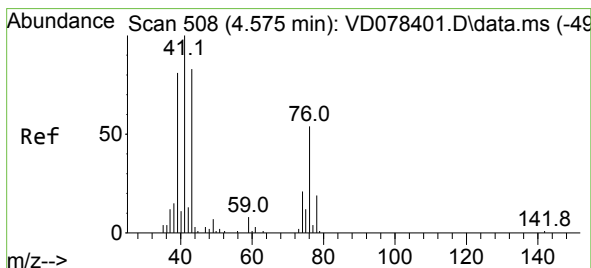
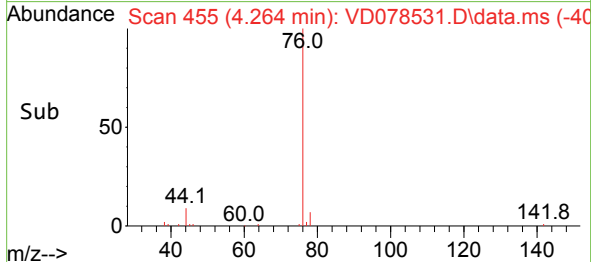
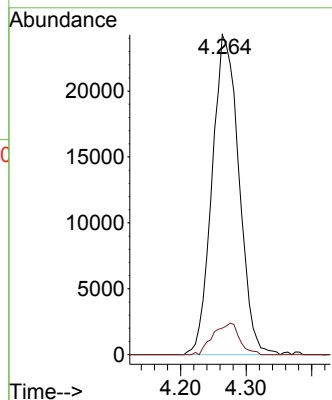
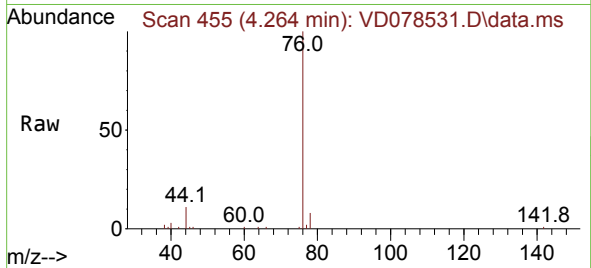




#17
Carbon Disulfide
Concen: 15.961 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

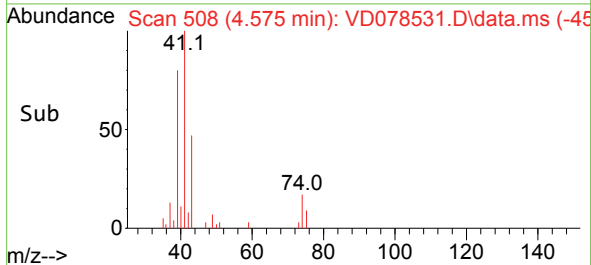
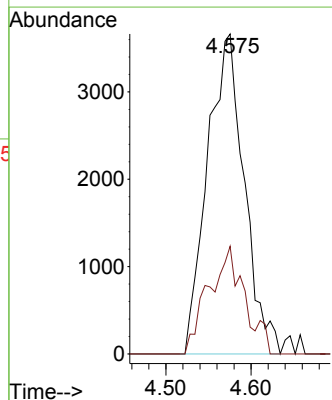
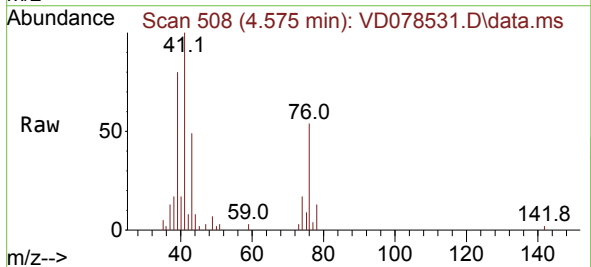
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

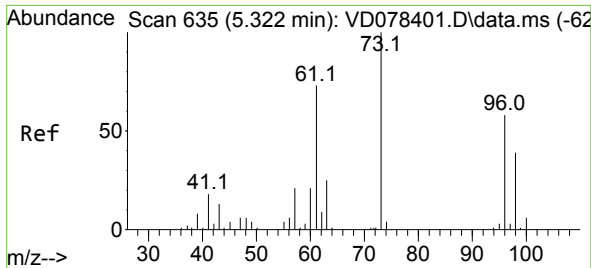
Tgt Ion: 76 Resp: 69055
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 15.070 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 43 Resp: 10956
Ion Ratio Lower Upper
43 100
74 32.9 26.4 39.6

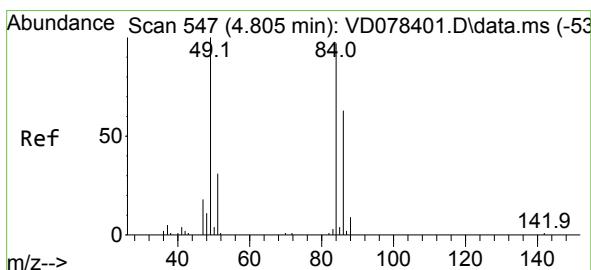
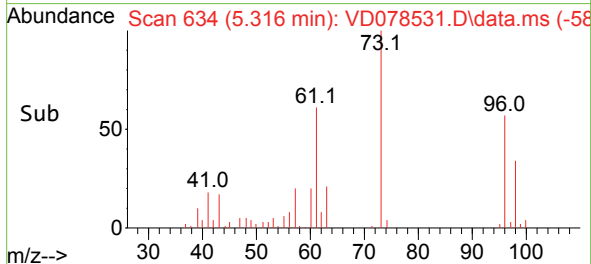
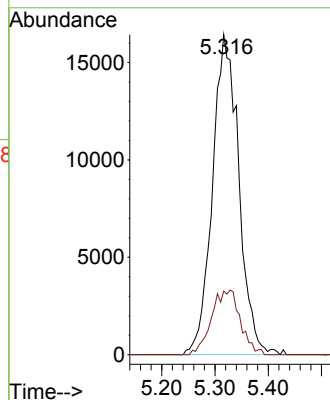
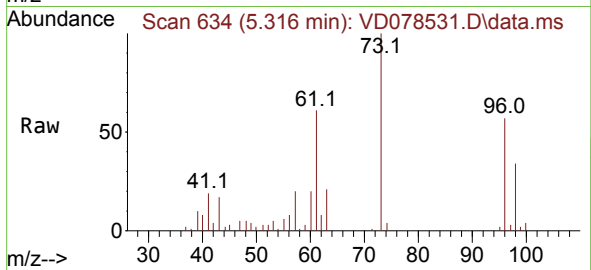




#19
Methyl tert-butyl Ether
Concen: 20.657 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

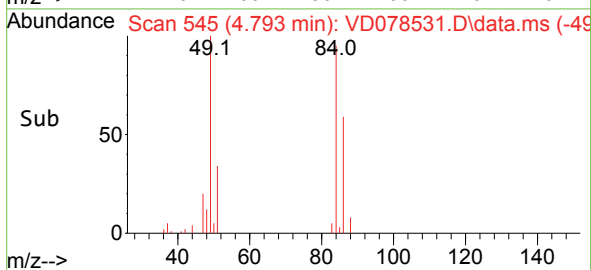
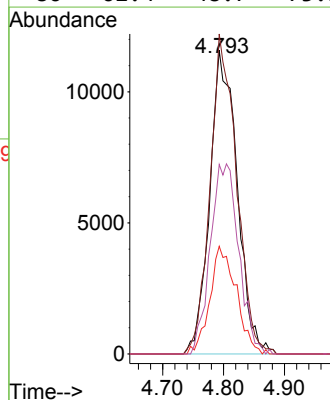
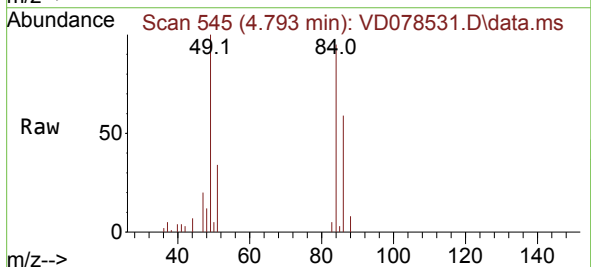
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion: 73 Resp: 56432
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 23.362 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

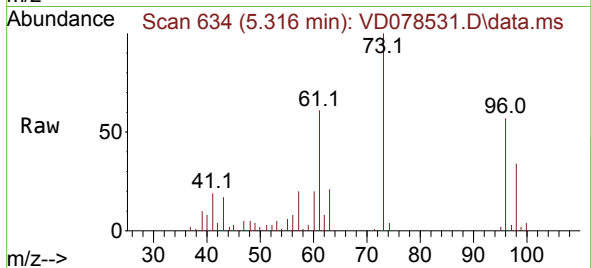
Tgt Ion: 84 Resp: 36128
Ion Ratio Lower Upper
84 100
49 105.4 71.4 107.2
51 35.5 24.5 36.7
86 62.4 48.7 73.1



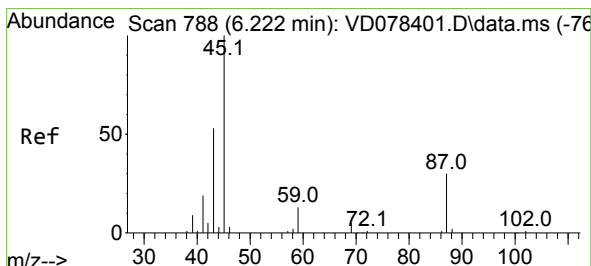
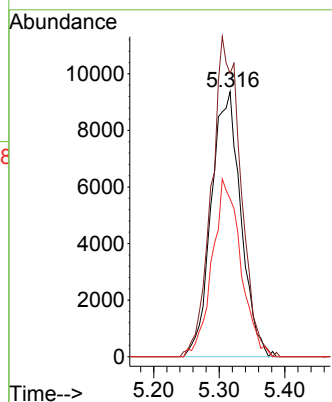
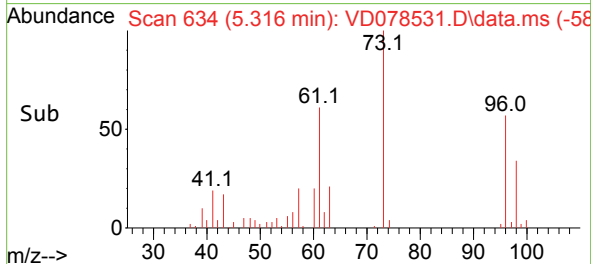


#21
trans-1,2-Dichloroethene
Concen: 19.307 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

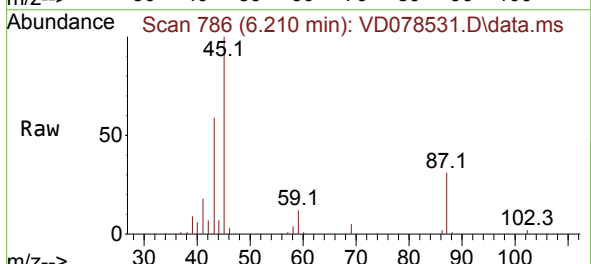
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



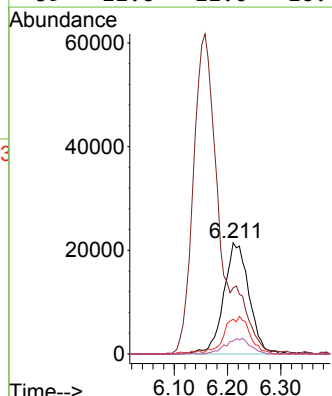
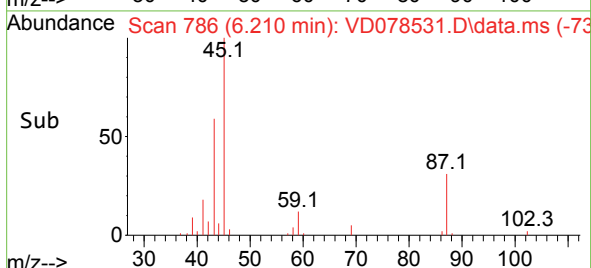
Tgt Ion: 96 Resp: 29204
Ion Ratio Lower Upper
96 100
61 106.9 89.3 133.9
98 59.6 48.6 73.0

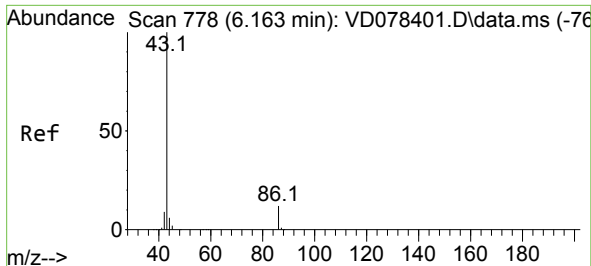


#22
Diisopropyl ether
Concen: 20.108 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52



Tgt Ion: 45 Resp: 70397
Ion Ratio Lower Upper
45 100
43 57.4 40.0 60.0
87 31.3 28.2 42.4
59 11.6 11.0 16.4

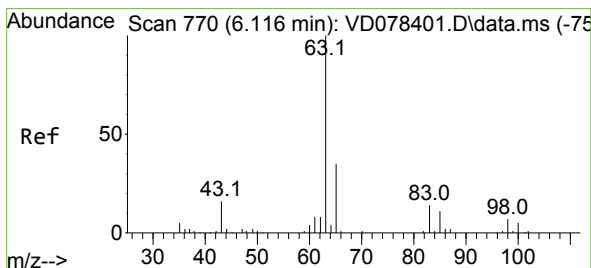
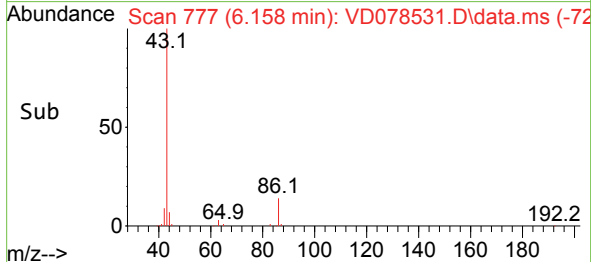
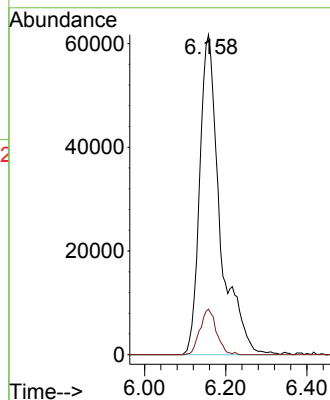
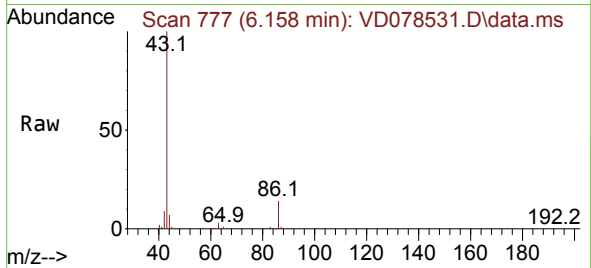




#23
 Vinyl Acetate
 Concen: 144.070 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

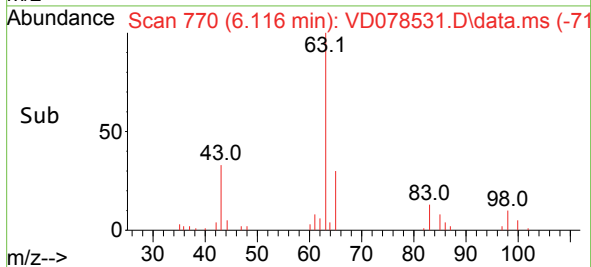
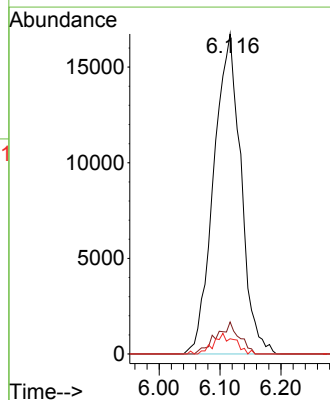
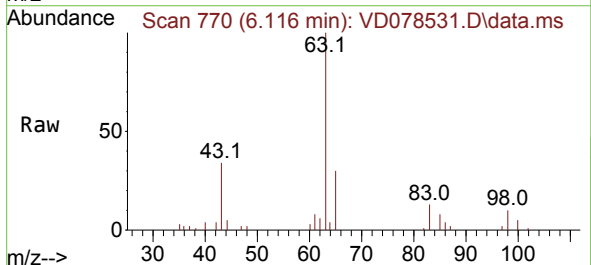
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

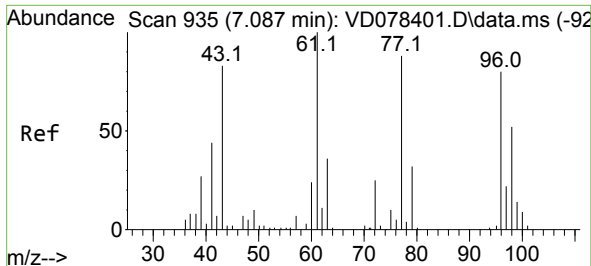
Tgt Ion: 43 Resp: 215246
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.928 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Tgt Ion: 63 Resp: 51903
 Ion Ratio Lower Upper
 63 100
 98 10.0 4.5 13.7
 100 4.8 2.5 7.5

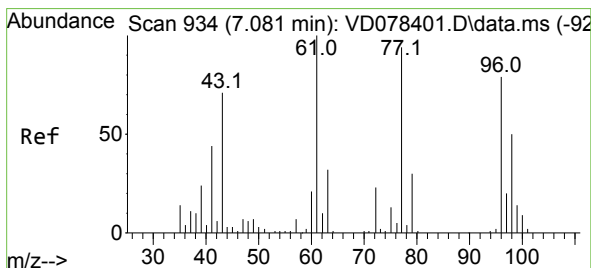
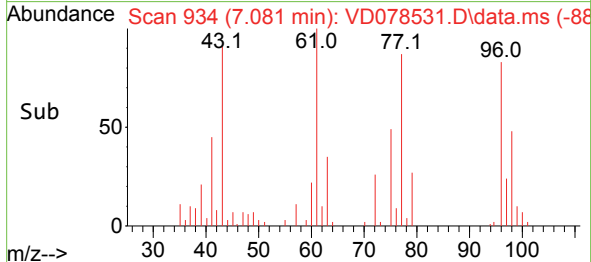
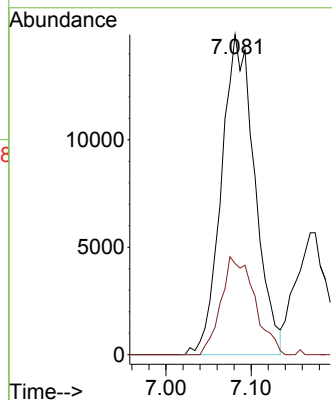
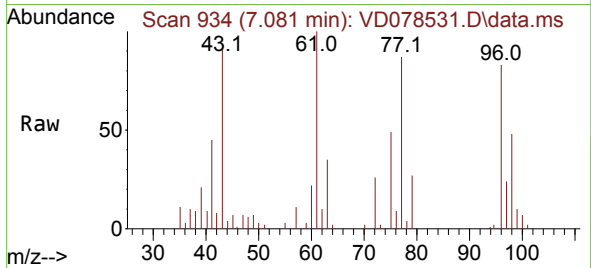




#25
2-Butanone
Concen: 117.138 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

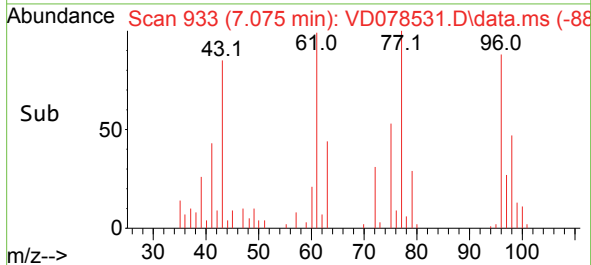
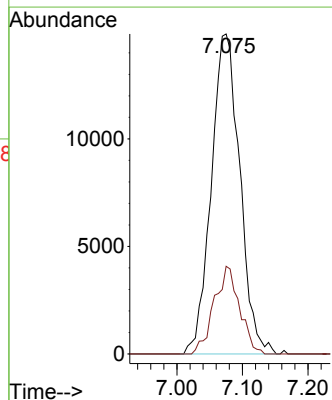
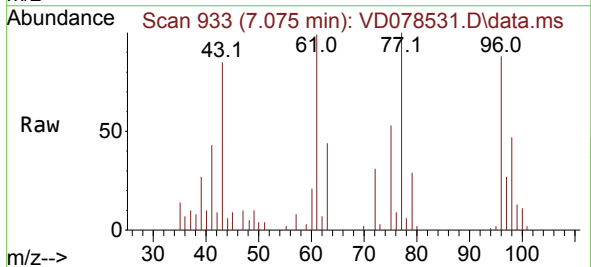
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion: 43 Resp: 40545
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.640 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 77 Resp: 44992
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6



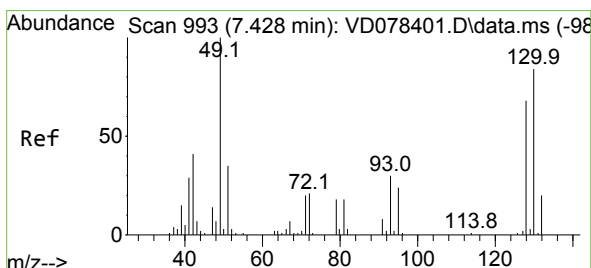
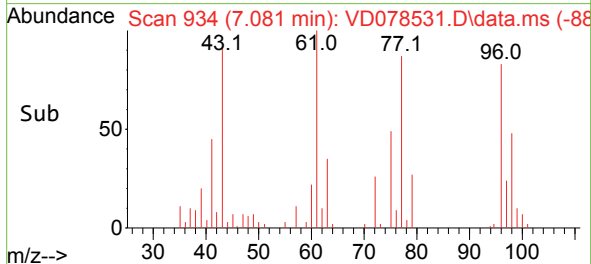
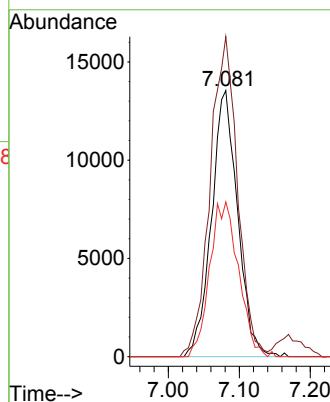
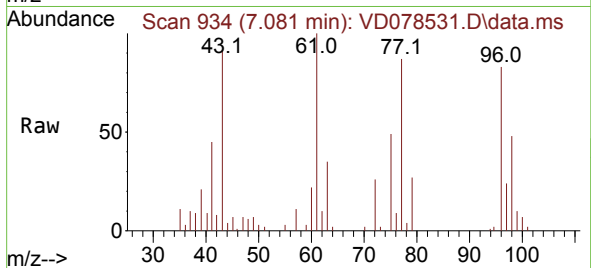


#27
 cis-1,2-Dichloroethene
 Concen: 20.860 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Tgt Ion: 96 Resp: 34618

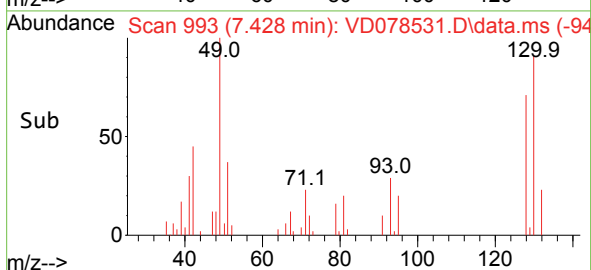
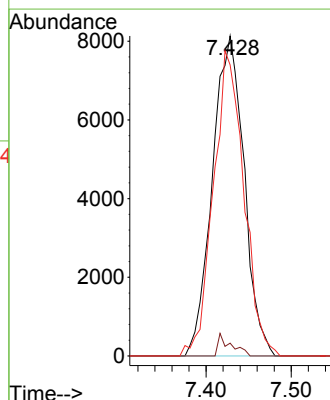
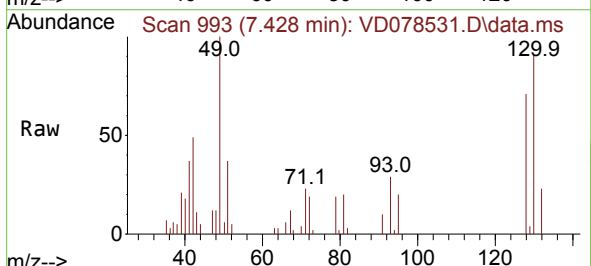
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	239.2
98	63.9	0.0	128.6

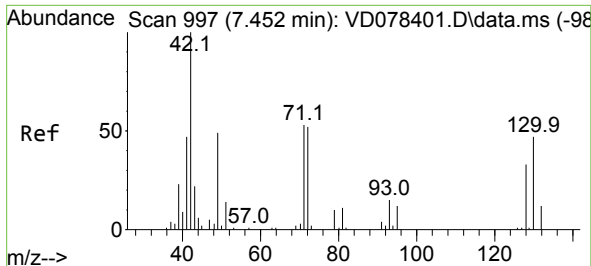


#28
 Bromochloromethane
 Concen: 21.417 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Tgt Ion: 49 Resp: 21038

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	6.0
130	91.6	83.2	124.8





#29

Tetrahydrofuran

Concen: 106.528 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

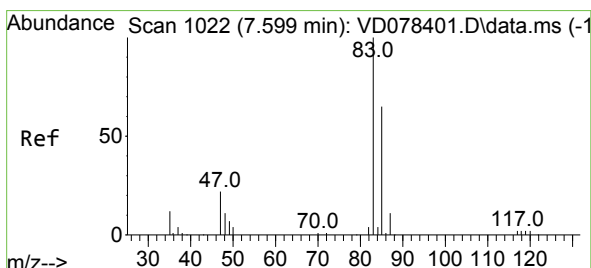
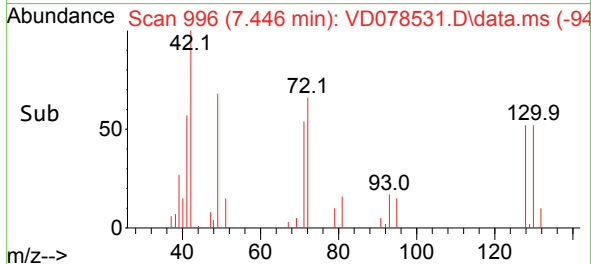
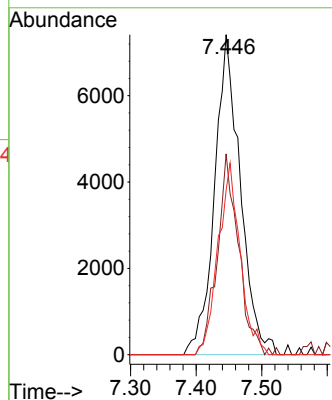
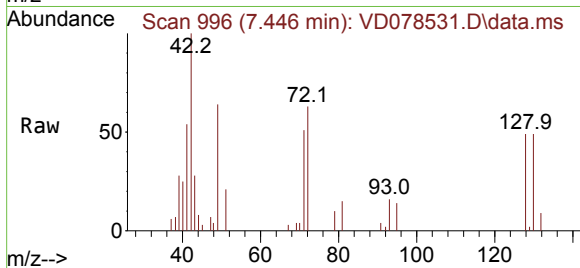
Tgt Ion: 42 Resp: 20204

Ion Ratio Lower Upper

42 100

72 52.3 46.5 69.7

71 51.8 44.5 66.7



#30

Chloroform

Concen: 21.234 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078531.D

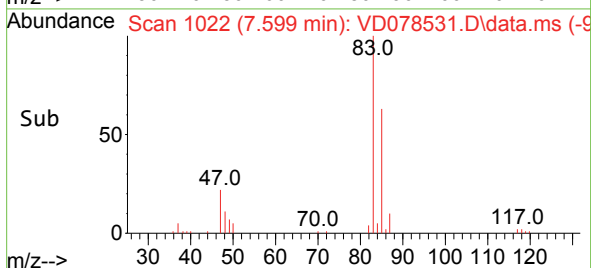
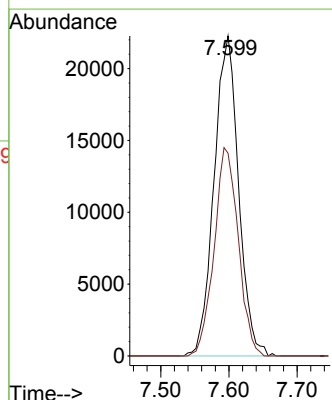
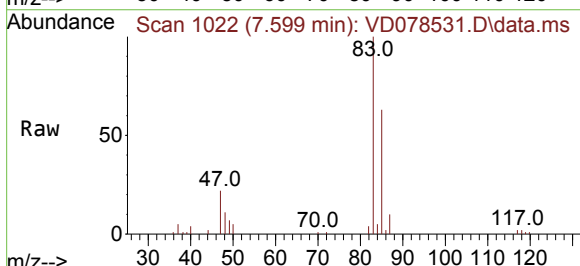
Acq: 23 Feb 2024 11:52

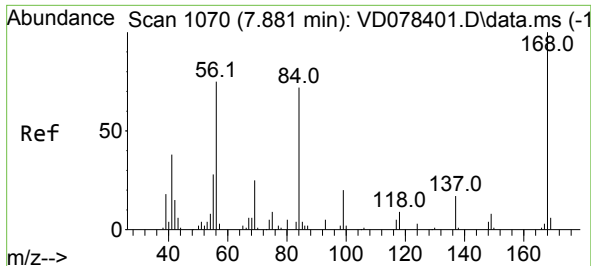
Tgt Ion: 83 Resp: 55719

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.2

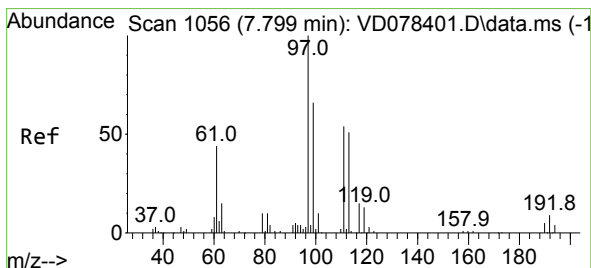
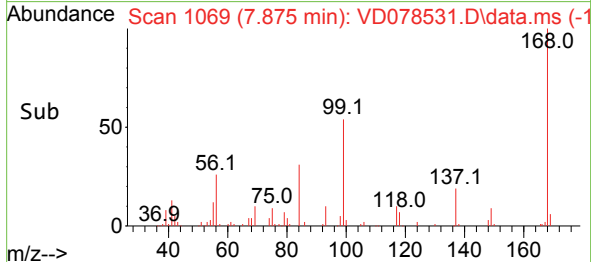
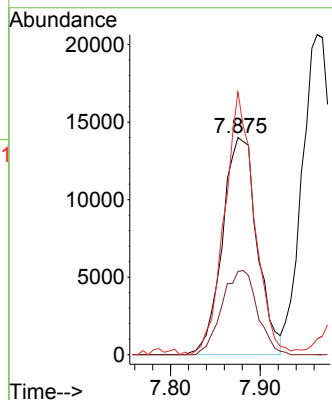
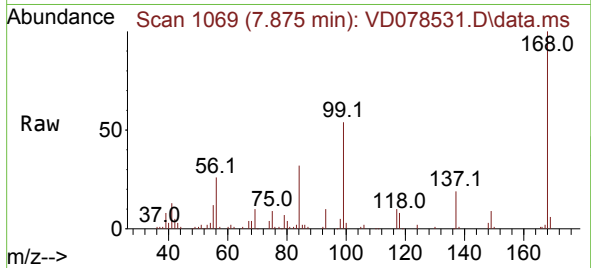




#31
Cyclohexane
Concen: 17.428 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

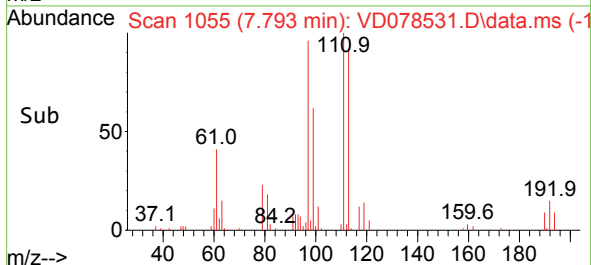
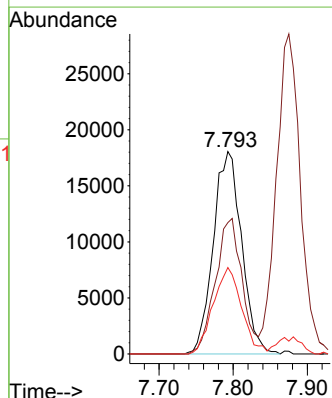
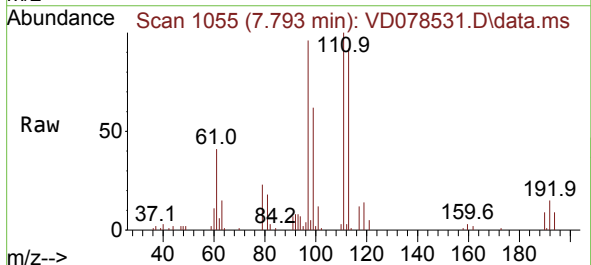
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

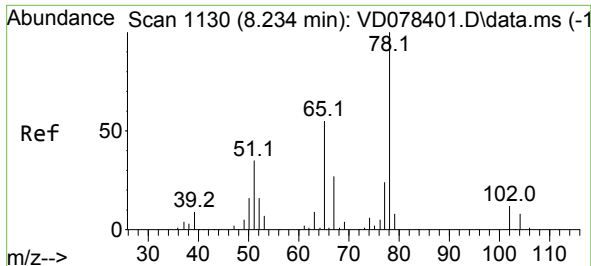
Tgt Ion: 56 Resp: 37598
Ion Ratio Lower Upper
56 100
69 38.4 28.6 43.0
84 120.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.416 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 97 Resp: 47914
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.877 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

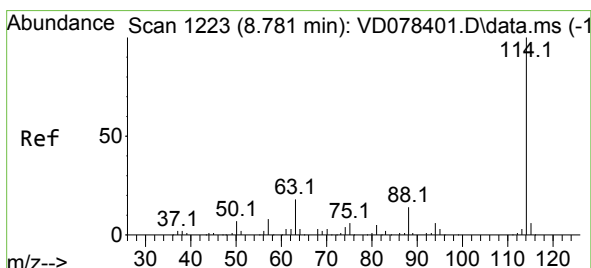
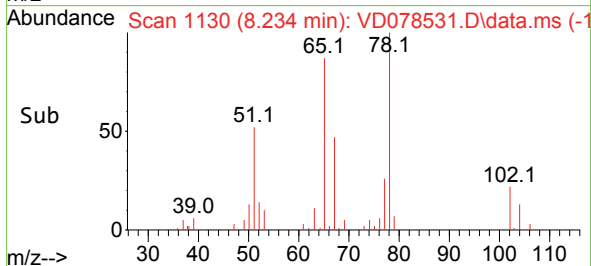
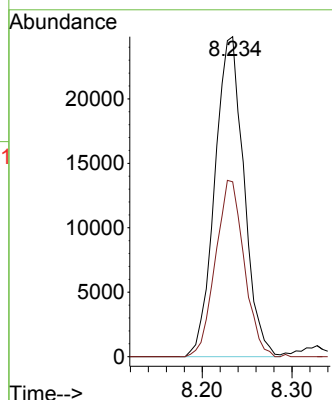
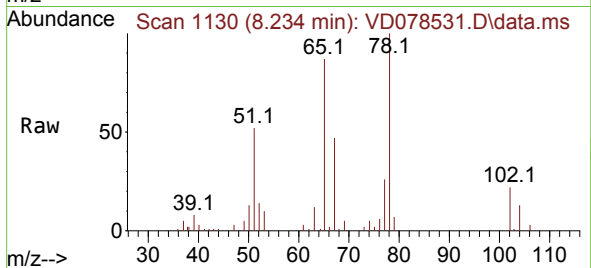
VD0223SBS01

Tgt Ion: 65 Resp: 55957

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

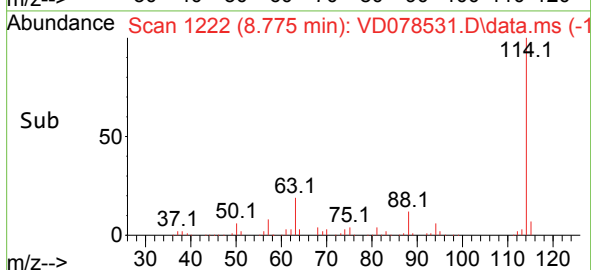
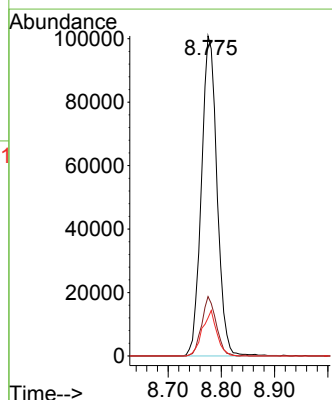
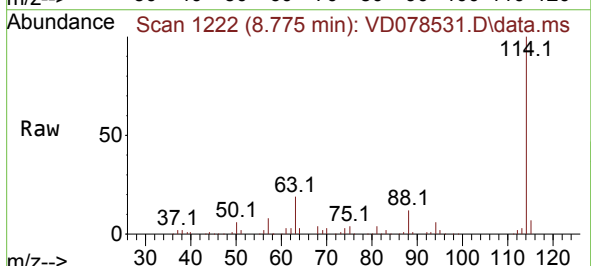
Tgt Ion:114 Resp: 205352

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

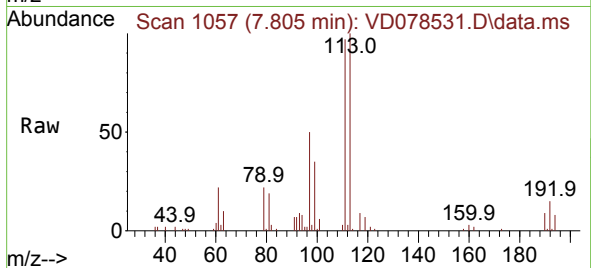
88 11.9 0.0 26.2



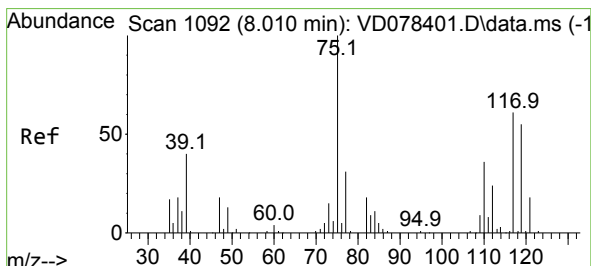
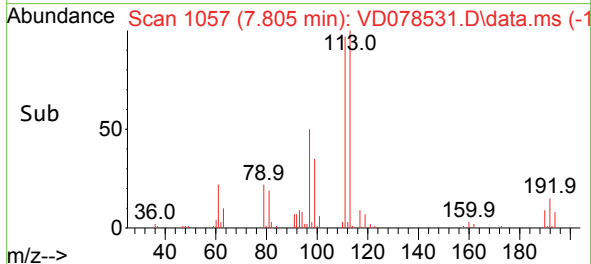
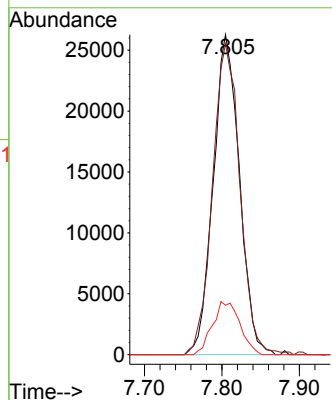


#35
Dibromofluoromethane
Concen: 47.409 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

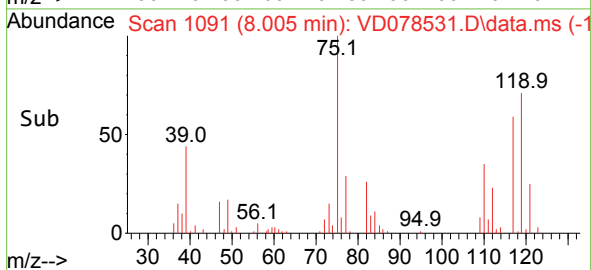
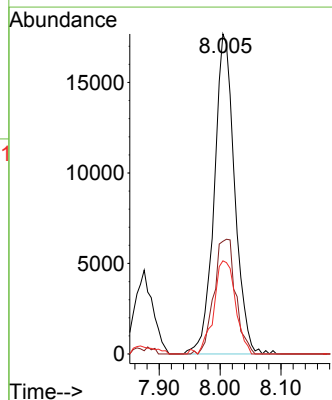
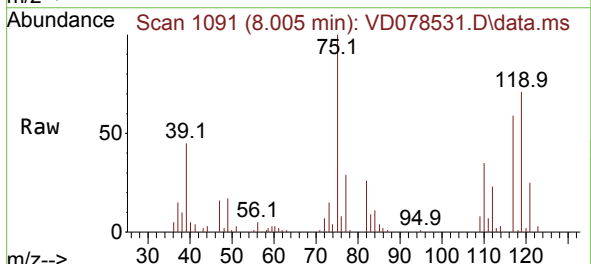


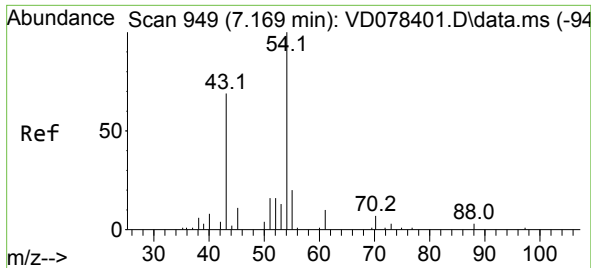
Tgt Ion:113 Resp: 61842
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 17.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.319 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 75 Resp: 41174
Ion Ratio Lower Upper
75 100
110 37.8 19.9 59.6
77 30.9 24.7 37.1

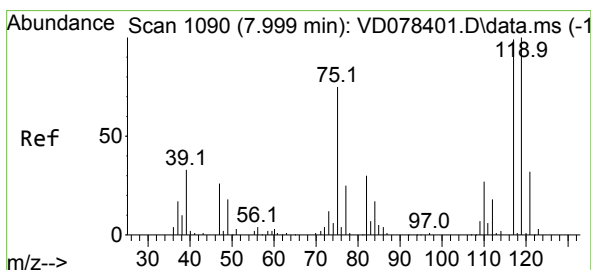
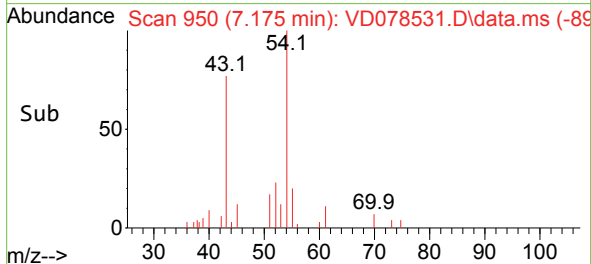
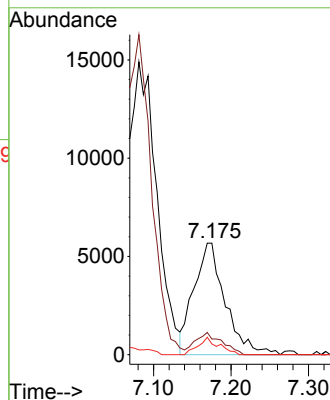
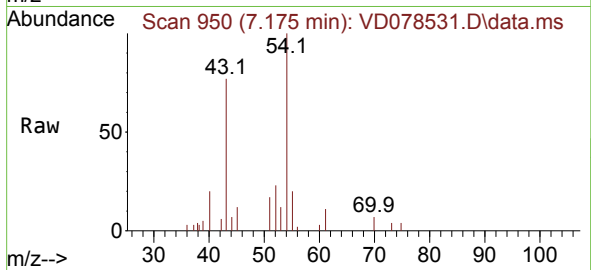




#37
Ethyl Acetate
Concen: 22.473 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

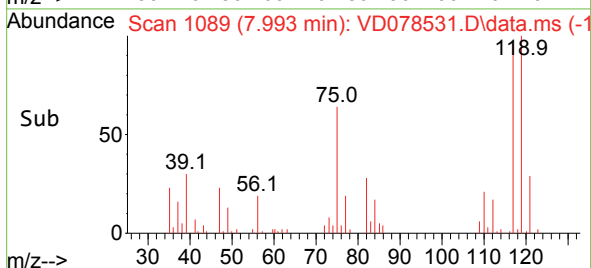
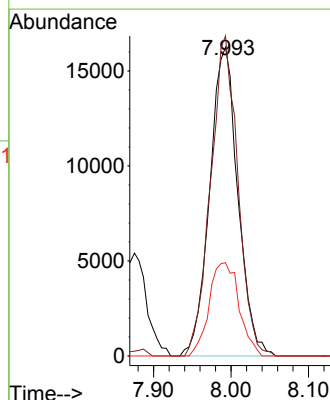
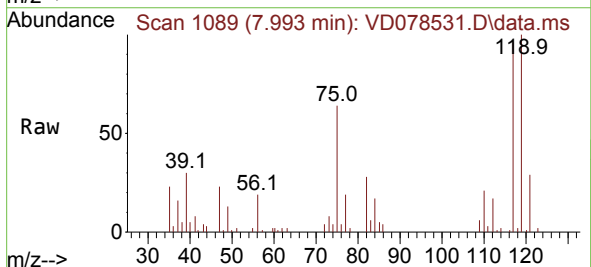
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

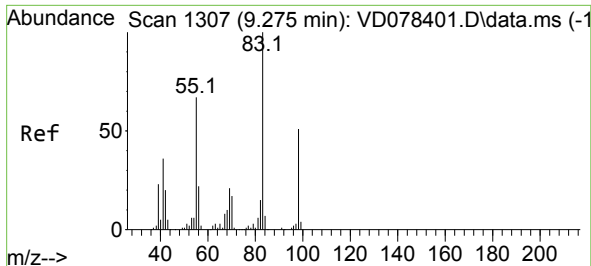
Tgt Ion: 43 Resp: 15964
Ion Ratio Lower Upper
43 100
61 16.9 14.9 22.3
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.475 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 117 Resp: 41090
Ion Ratio Lower Upper
117 100
119 103.7 78.0 117.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 18.081 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

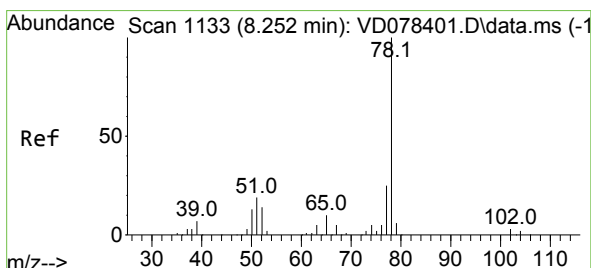
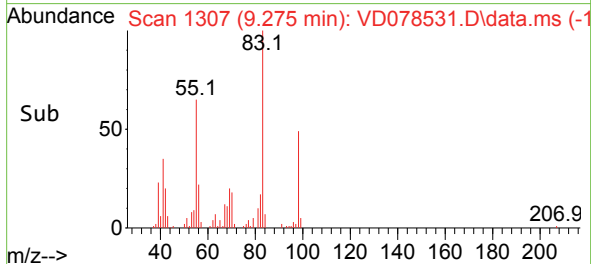
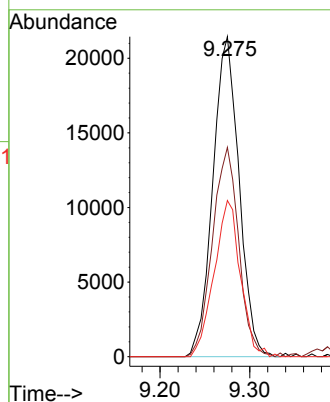
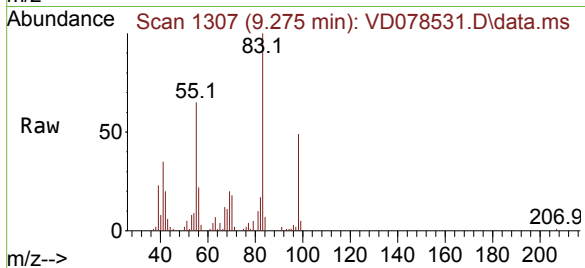
Tgt Ion: 83 Resp: 43497

Ion Ratio Lower Upper

83 100

55 65.4 49.4 74.0

98 48.8 38.4 57.6



#40

Benzene

Concen: 20.284 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078531.D

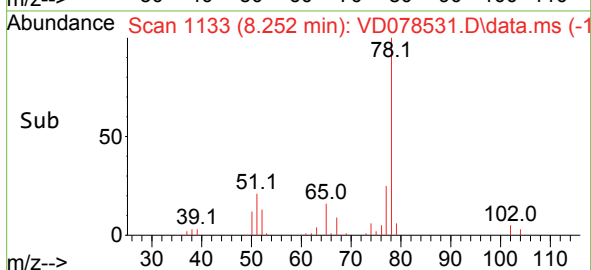
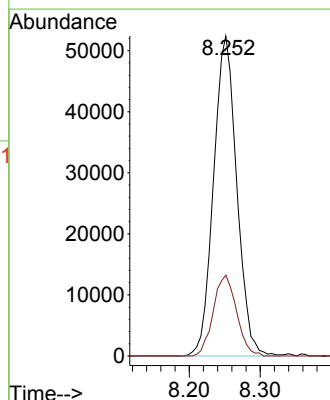
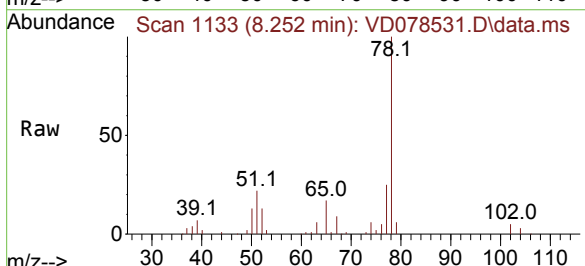
Acq: 23 Feb 2024 11:52

Tgt Ion: 78 Resp: 118807

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

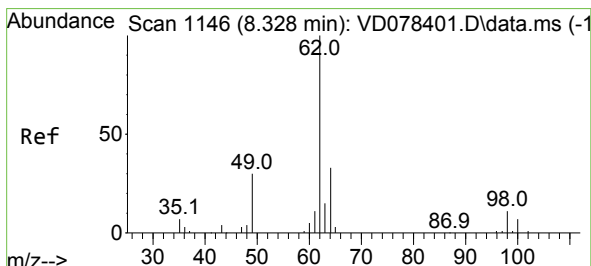
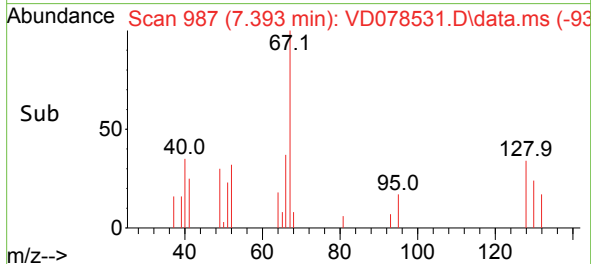
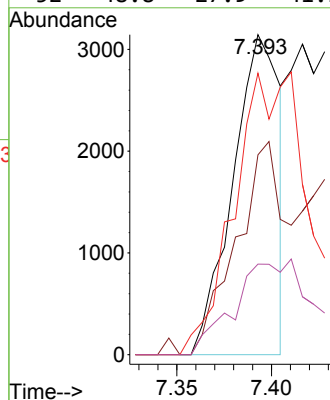
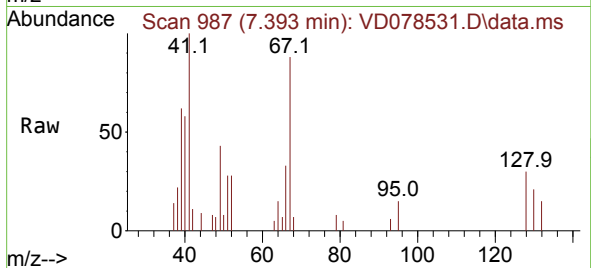




#41
Methacrylonitrile
Concen: 14.696 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

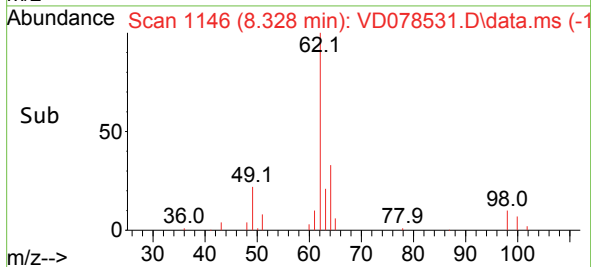
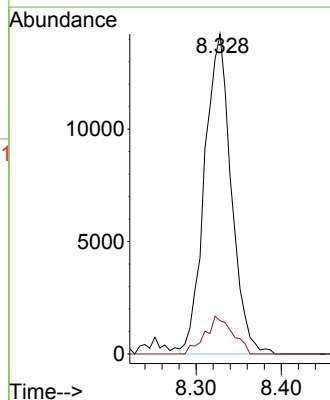
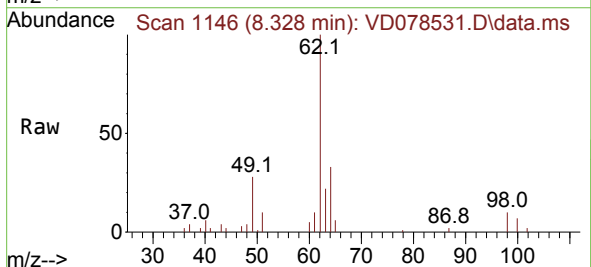
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

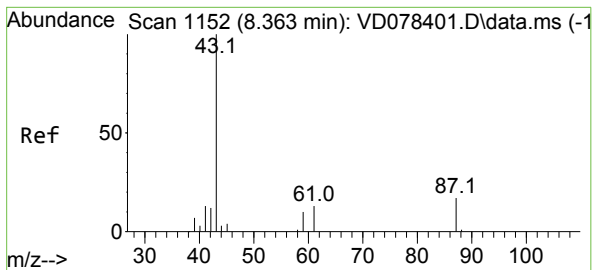
Tgt Ion: 41 Resp: 5433
Ion Ratio Lower Upper
41 100
39 68.6 34.0 51.0#
67 137.8 77.0 115.4#
52 48.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.416 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 62 Resp: 30942
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 20.845 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

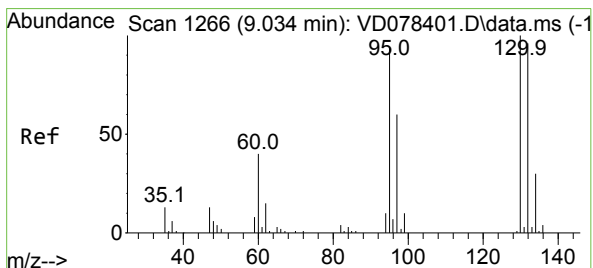
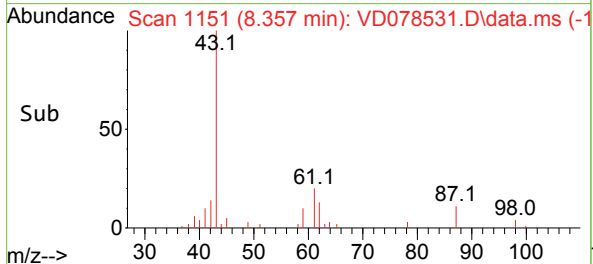
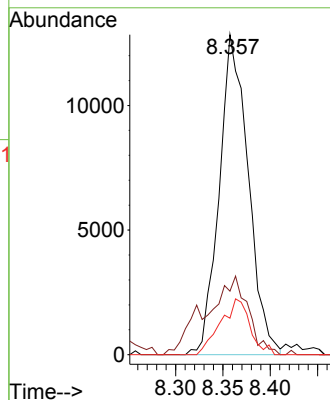
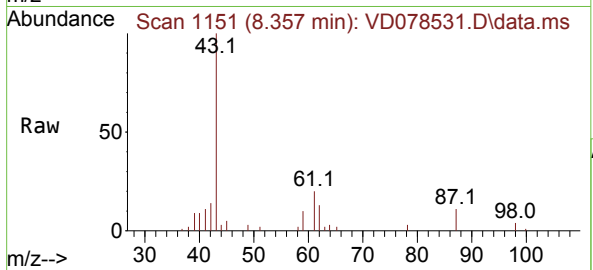
Tgt Ion: 43 Resp: 27419

Ion Ratio Lower Upper

43 100

61 25.2 31.4 47.0#

87 17.6 14.9 22.3



#44

Trichloroethene

Concen: 21.511 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078531.D

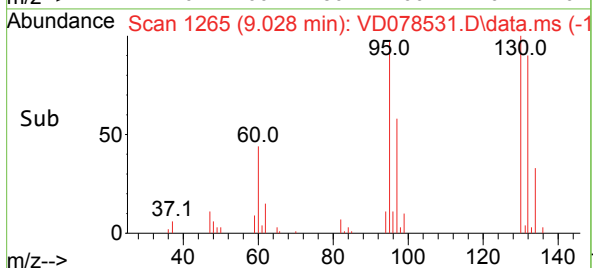
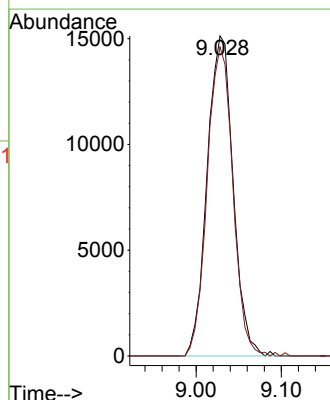
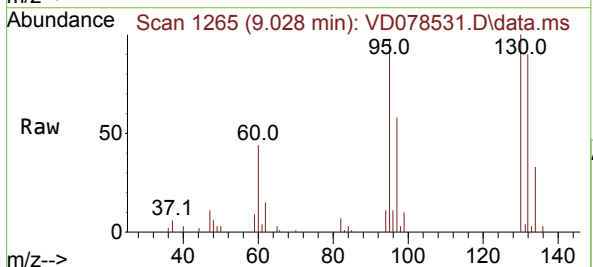
Acq: 23 Feb 2024 11:52

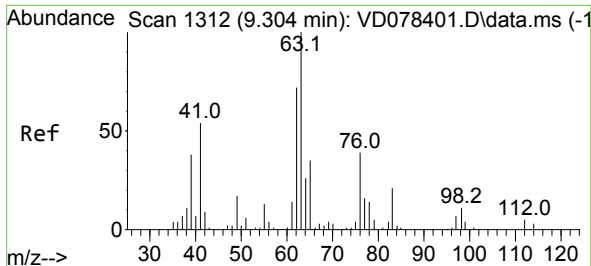
Tgt Ion:130 Resp: 32143

Ion Ratio Lower Upper

130 100

95 96.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.801 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

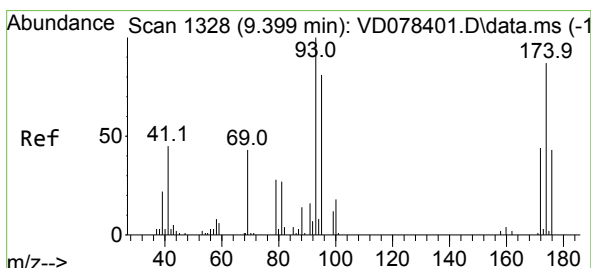
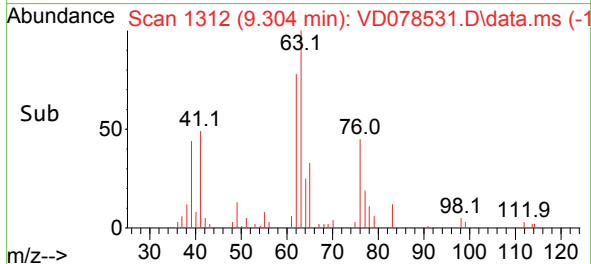
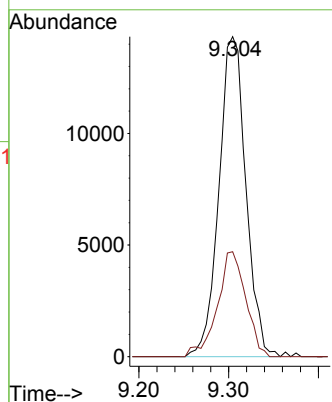
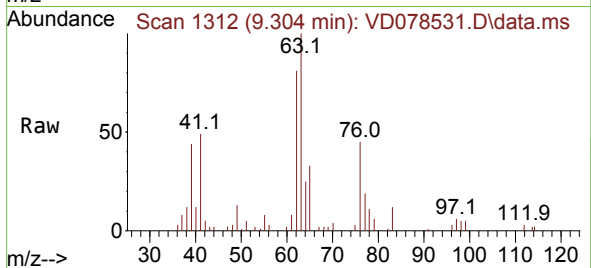
VD0223SBS01

Tgt Ion: 63 Resp: 29893

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 21.765 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

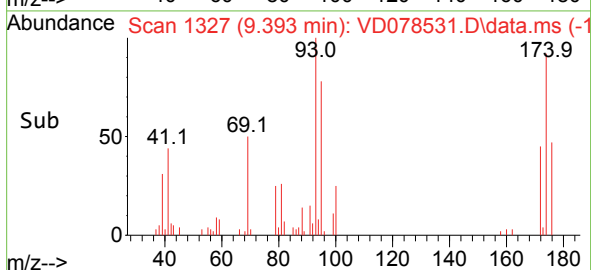
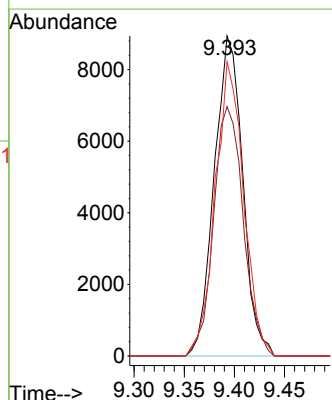
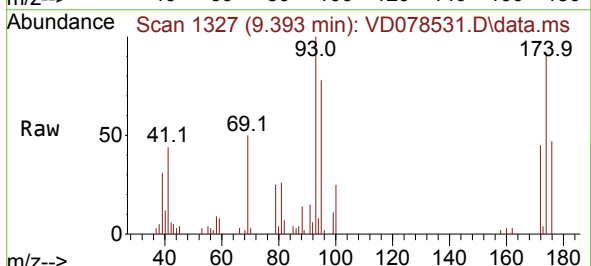
Tgt Ion: 93 Resp: 17593

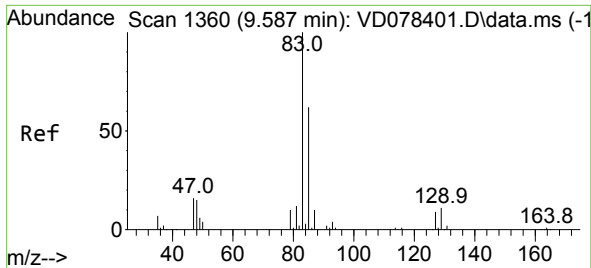
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

174 91.8 85.4 128.2

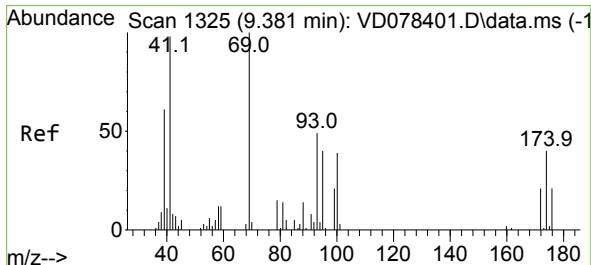
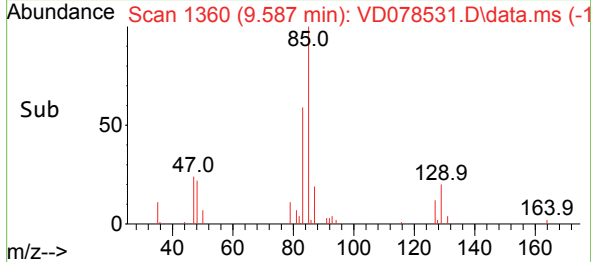
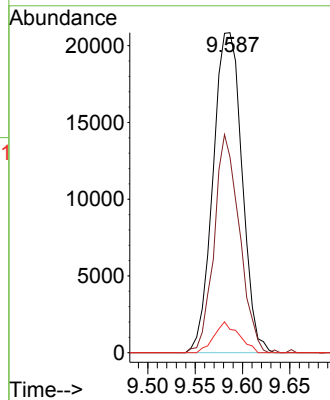
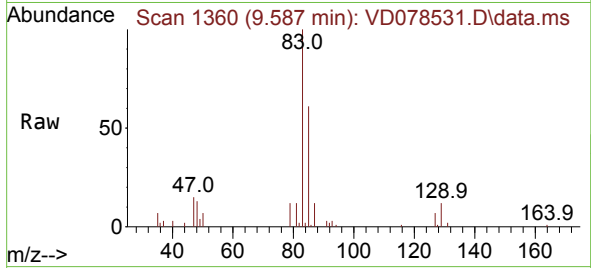




#47
Bromodichloromethane
Concen: 22.180 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

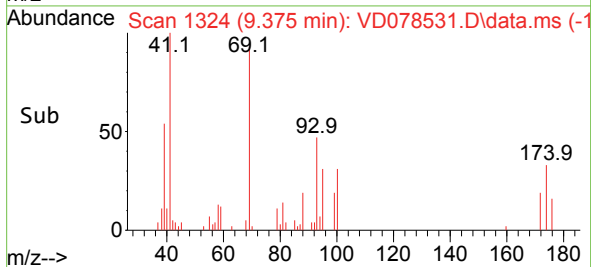
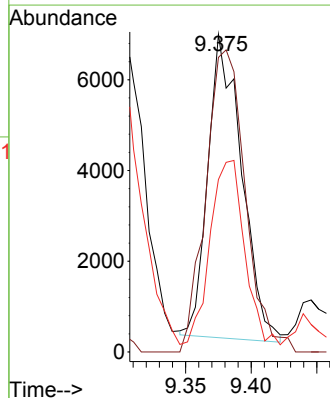
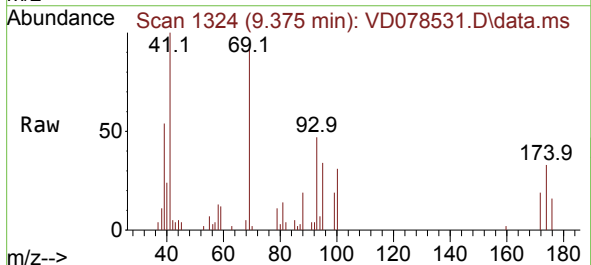
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

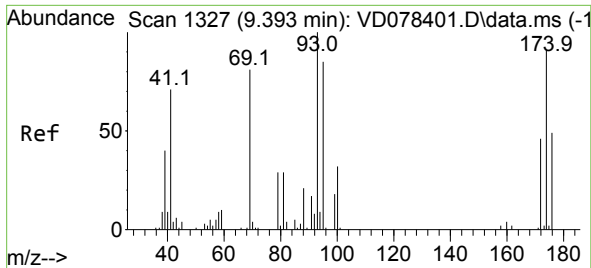
Tgt Ion: 83 Resp: 44407
Ion Ratio Lower Upper
83 100
85 61.2 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 17.118 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 41 Resp: 11946
Ion Ratio Lower Upper
41 100
69 116.8 102.2 153.2
39 67.7 41.4 62.2#

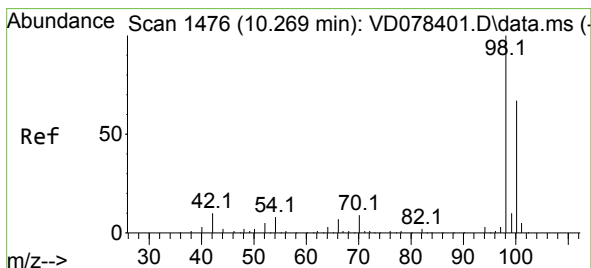
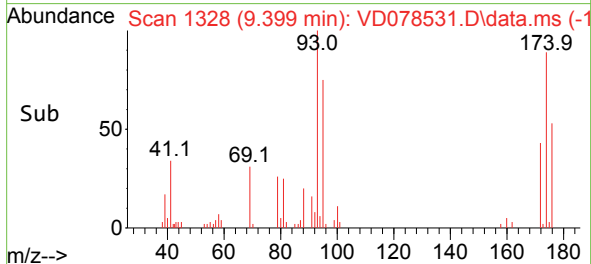
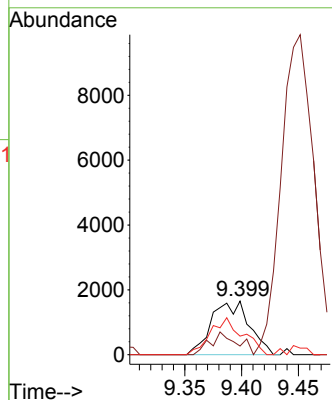
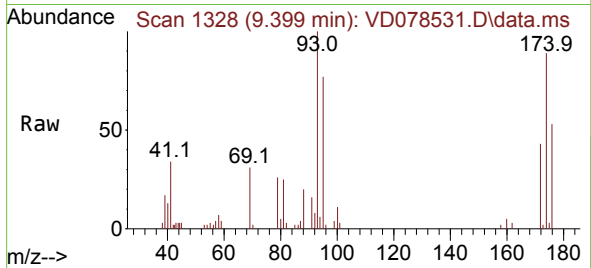




#49
1,4-Dioxane
Concen: 434.554 ug/l
RT: 9.399 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

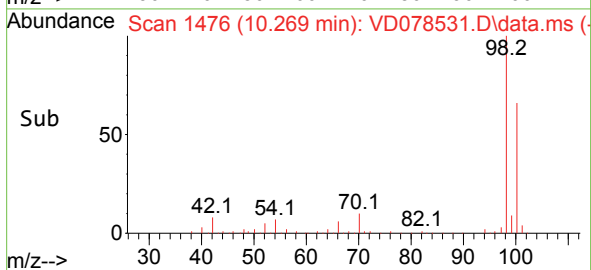
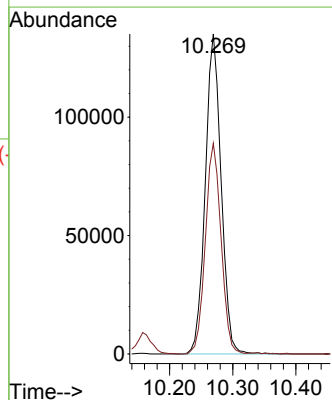
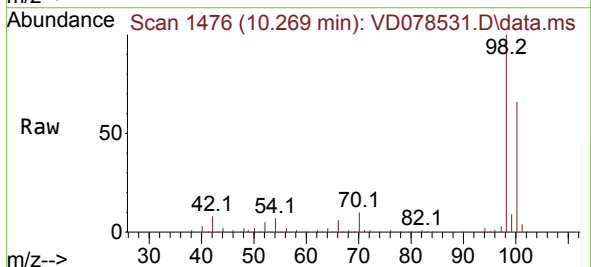
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

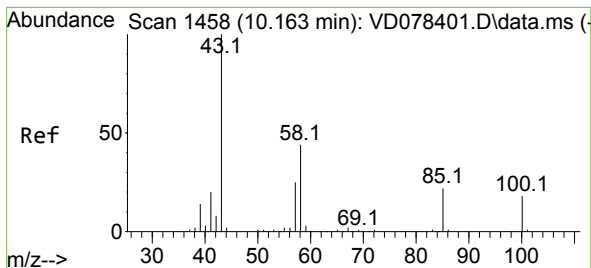
Tgt Ion: 88 Resp: 3804
Ion Ratio Lower Upper
88 100
43 30.0 19.0 28.6#
58 59.4 43.5 65.3



#50
Toluene-d8
Concen: 45.036 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 98 Resp: 235000
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

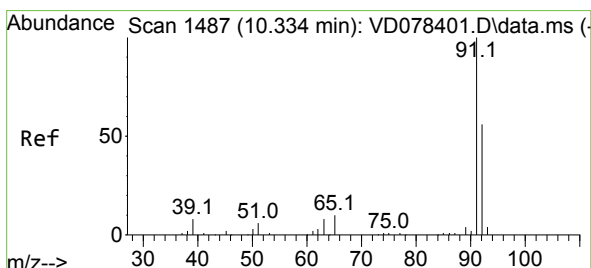
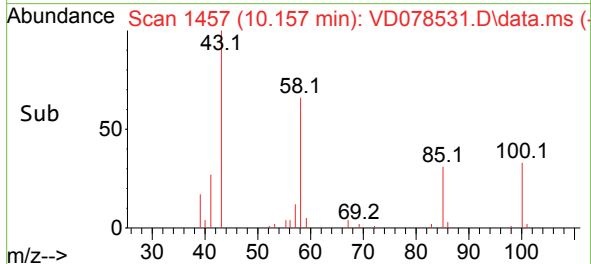
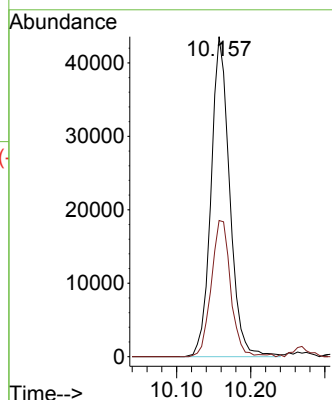
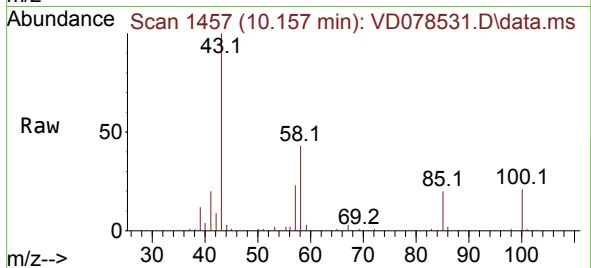




#51
4-Methyl-2-Pentanone
Concen: 109.254 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

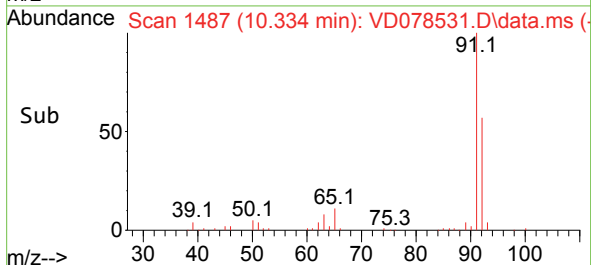
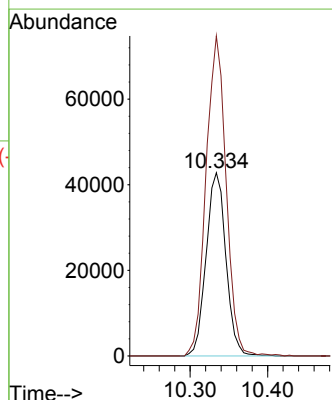
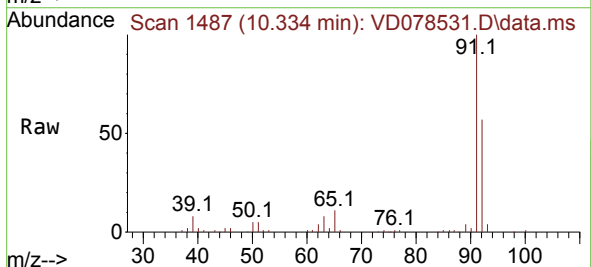
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

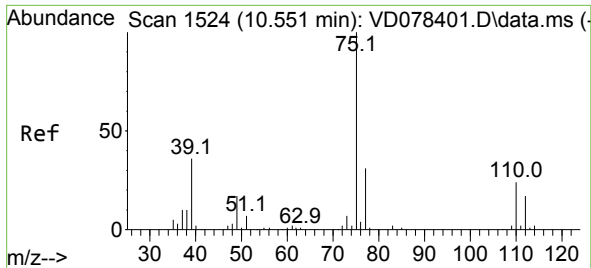
Tgt Ion: 43 Resp: 76275
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 20.492 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 92 Resp: 75902
Ion Ratio Lower Upper
92 100
91 177.3 143.0 214.4

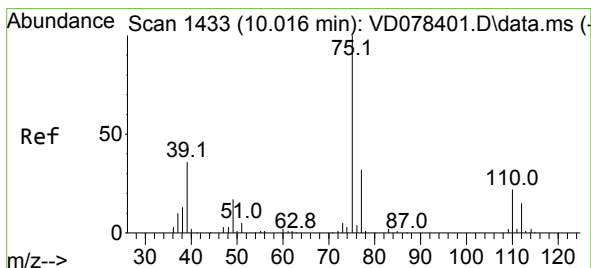
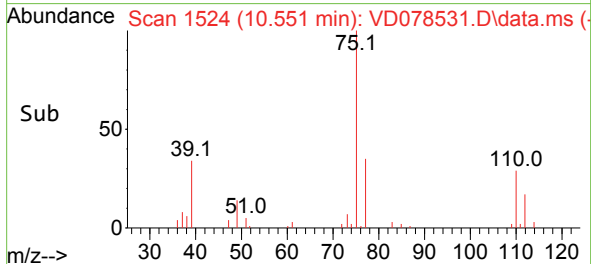
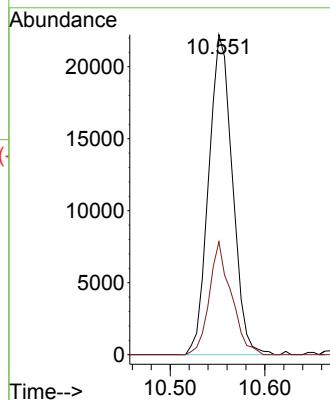
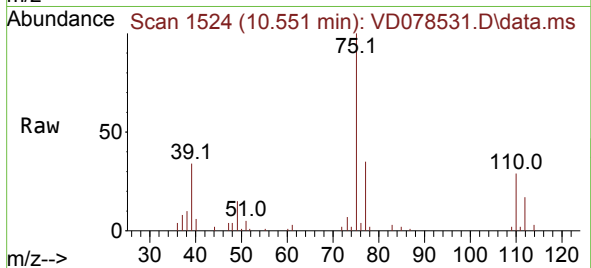




#53
t-1,3-Dichloropropene
Concen: 21.227 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

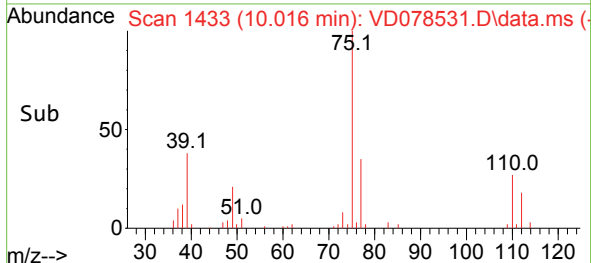
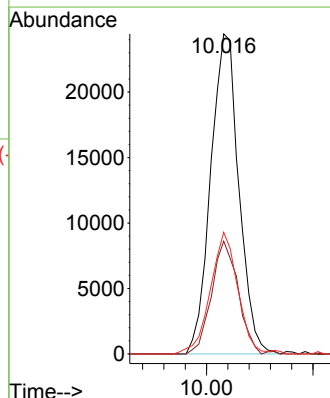
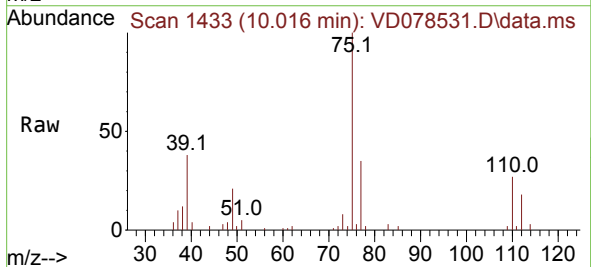
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

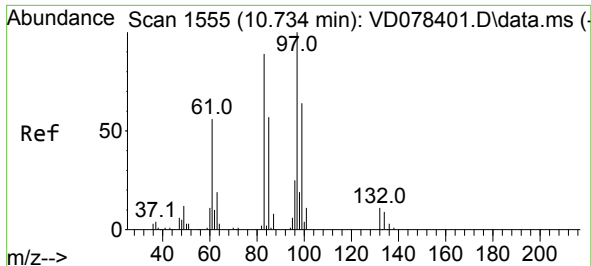
Tgt Ion: 75 Resp: 38779
Ion Ratio Lower Upper
75 100
77 35.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.193 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 75 Resp: 44732
Ion Ratio Lower Upper
75 100
77 35.3 25.5 38.3
39 37.3 22.1 33.1#

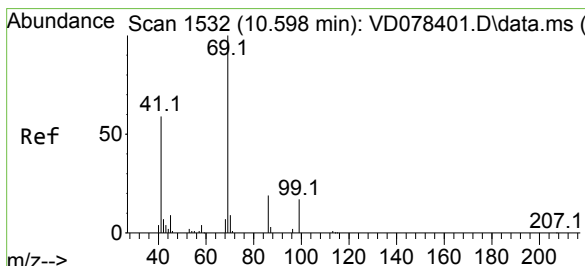
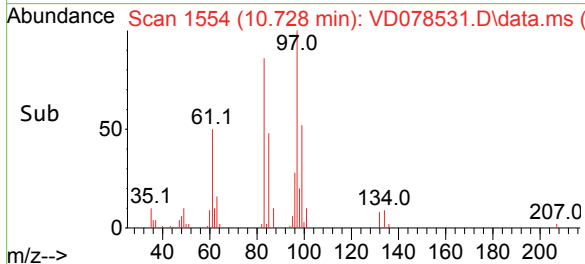
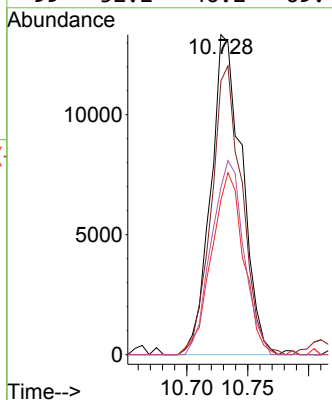
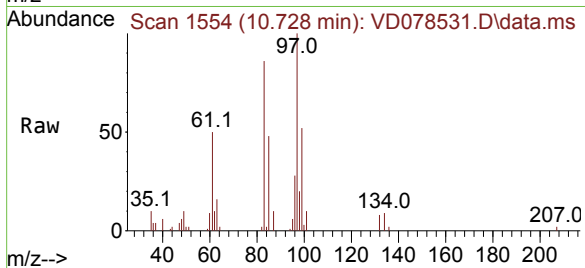




#55
1,1,2-Trichloroethane
Concen: 21.818 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

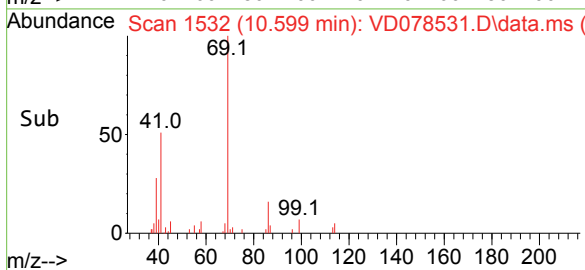
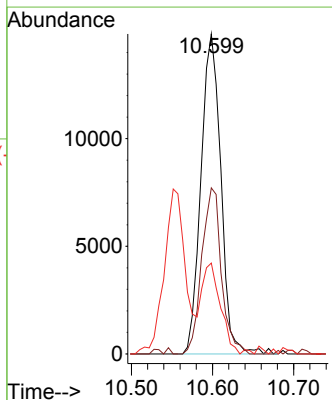
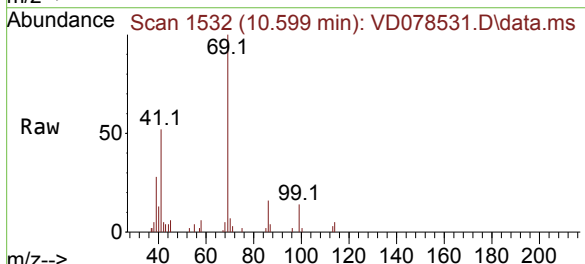
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

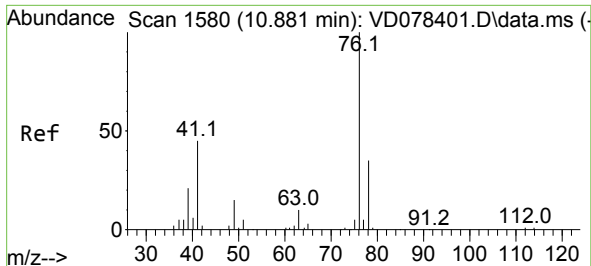
Tgt Ion:	97	Resp:	23750
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.6
85	48.3	45.7	68.5
99	52.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 25.137 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:	69	Resp:	25307
Ion	Ratio	Lower	Upper
69	100		
41	51.3	39.1	58.7
39	26.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.251 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

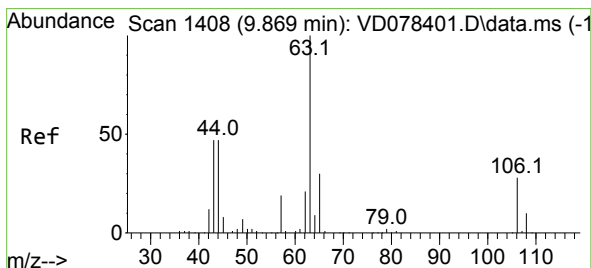
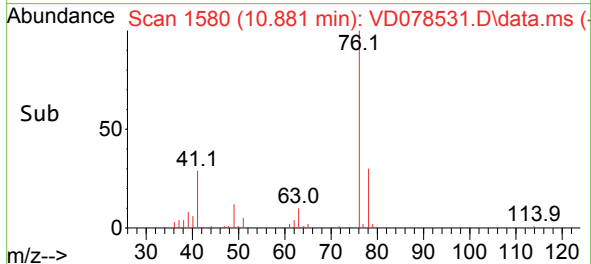
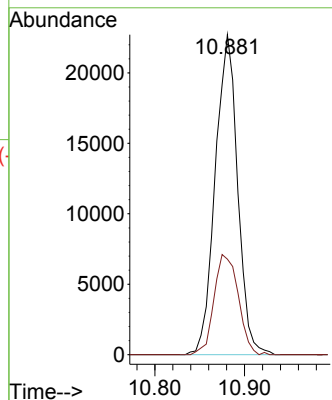
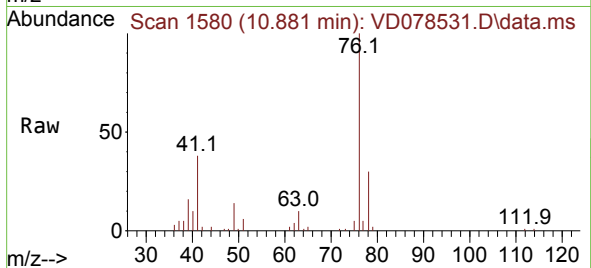
VD0223SBS01

Tgt Ion: 76 Resp: 39350

Ion Ratio Lower Upper

76 100

78 33.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.990 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078531.D

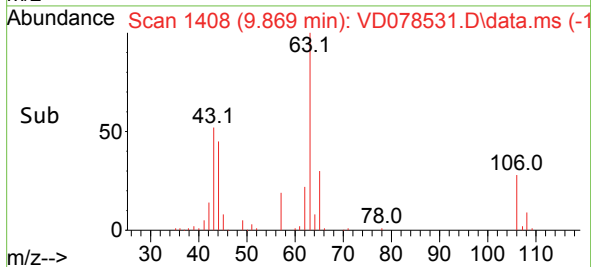
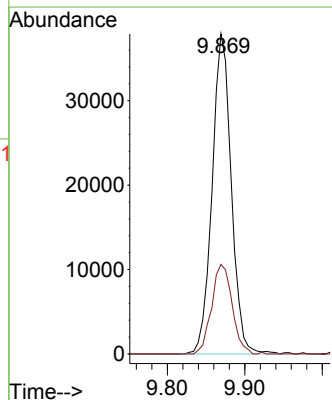
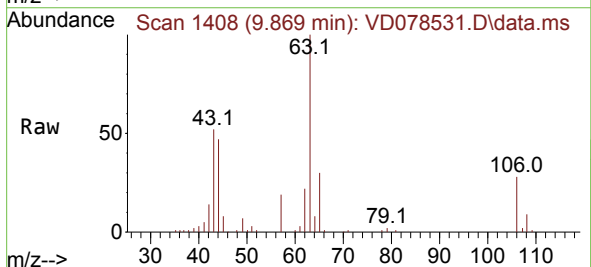
Acq: 23 Feb 2024 11:52

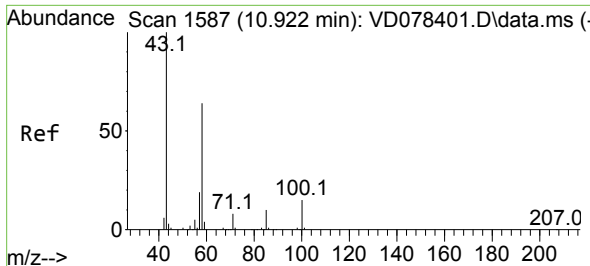
Tgt Ion: 63 Resp: 65227

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9

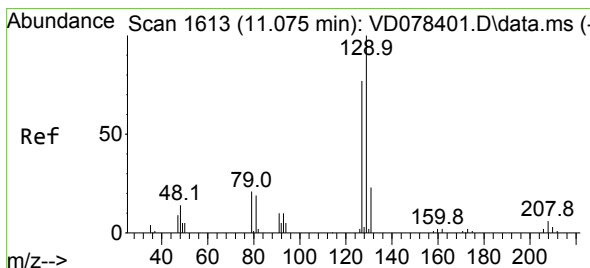
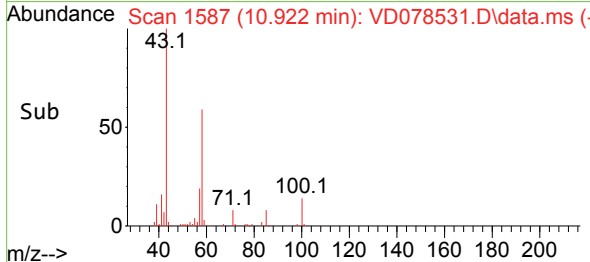
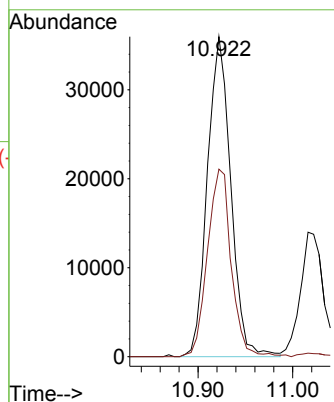
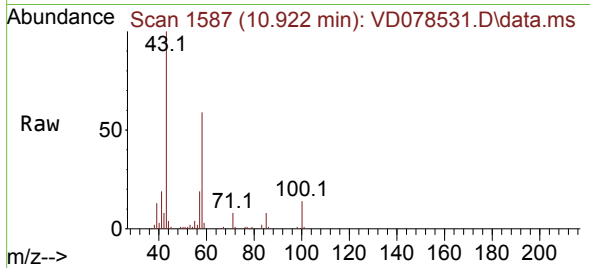




#59
2-Hexanone
Concen: 117.851 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

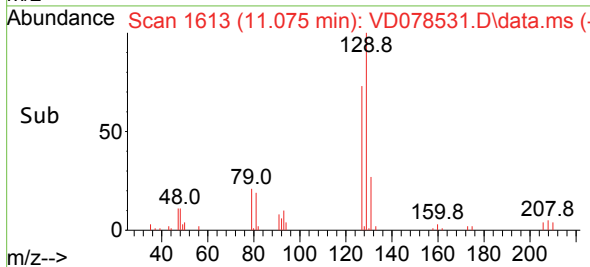
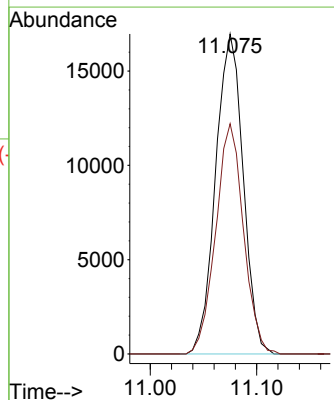
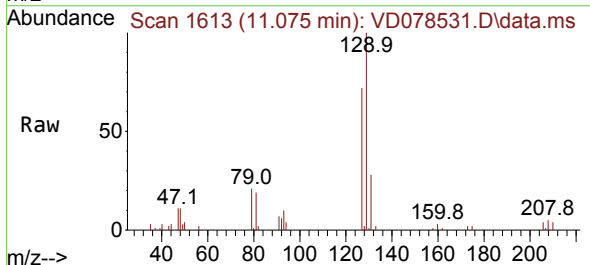
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

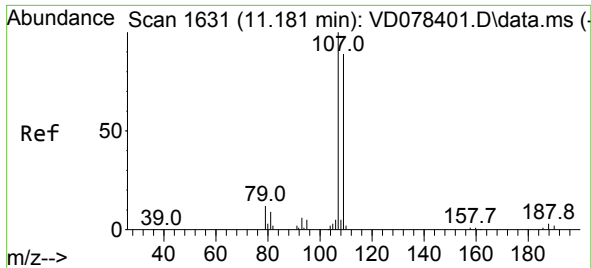
Tgt Ion: 43 Resp: 61832
Ion Ratio Lower Upper
43 100
58 59.4 34.1 102.2



#60
Dibromochloromethane
Concen: 23.229 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 129 Resp: 30424
Ion Ratio Lower Upper
129 100
127 72.7 37.1 111.5

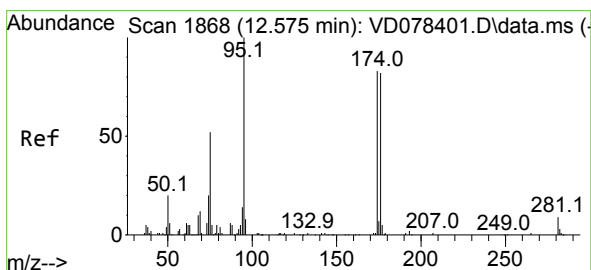
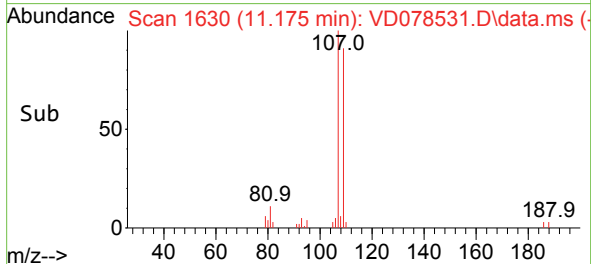
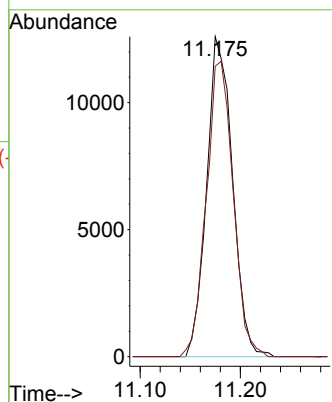
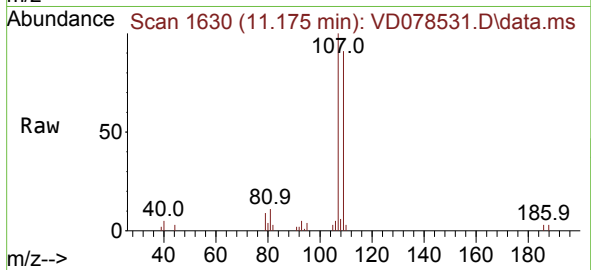




#61
1,2-Dibromoethane
Concen: 22.084 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

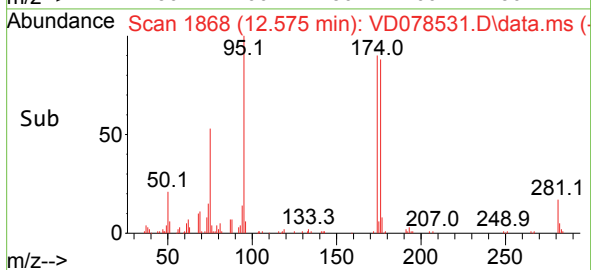
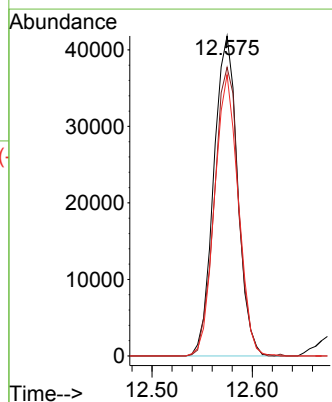
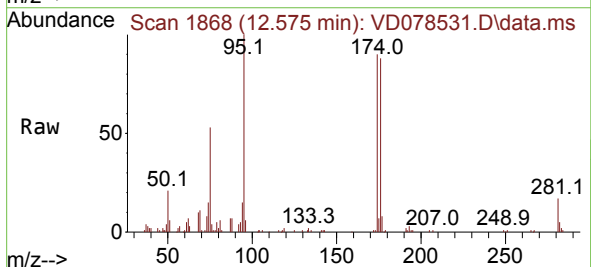
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

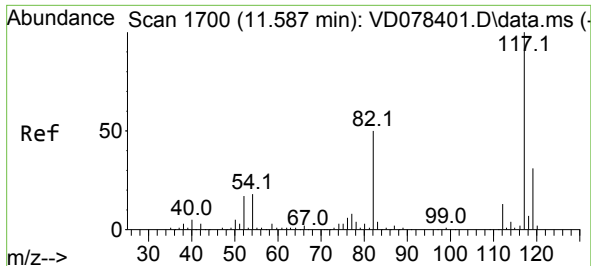
Tgt Ion:107 Resp: 22569
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.429 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 95 Resp: 68983
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 87.6 0.0 191.8

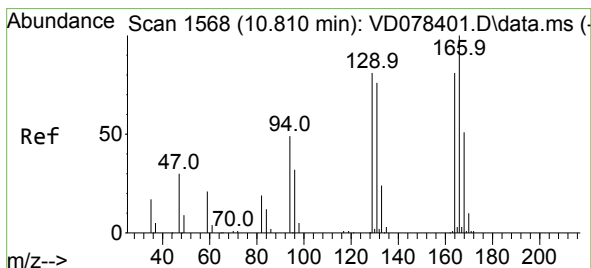
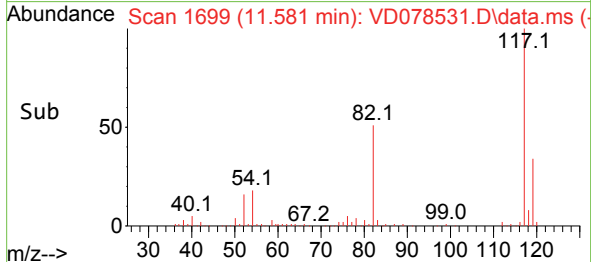
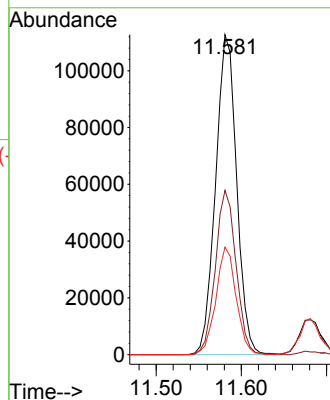
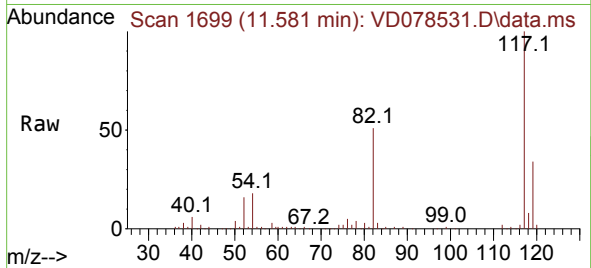




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

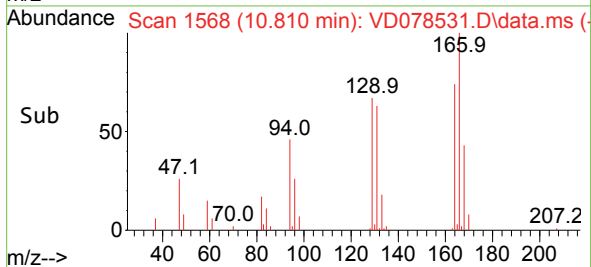
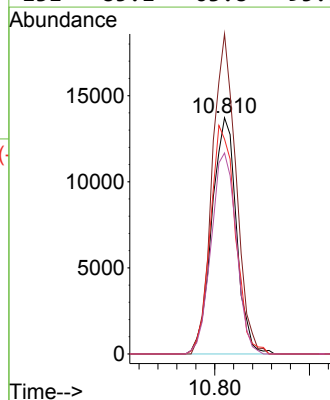
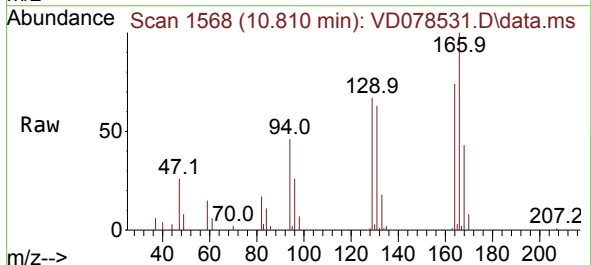
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

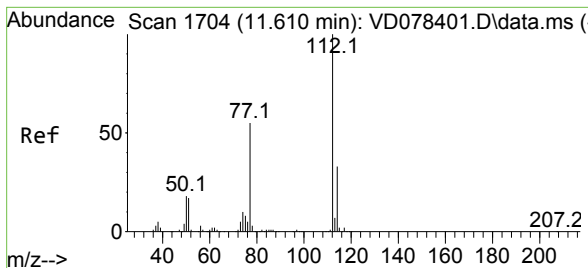
Tgt Ion:117 Resp: 193463
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.6 25.0 37.4



#64
Tetrachloroethene
Concen: 20.141 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:164 Resp: 24612
Ion Ratio Lower Upper
164 100
166 135.5 99.2 148.8
129 91.0 68.4 102.6
131 85.1 63.8 95.8

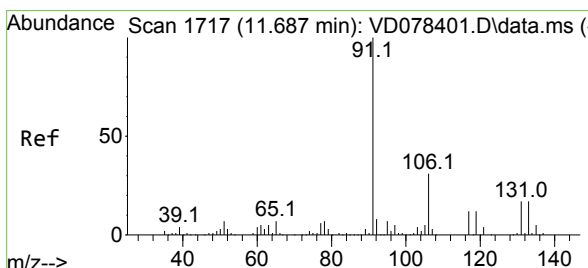
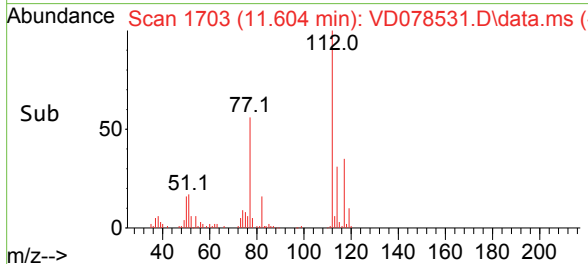
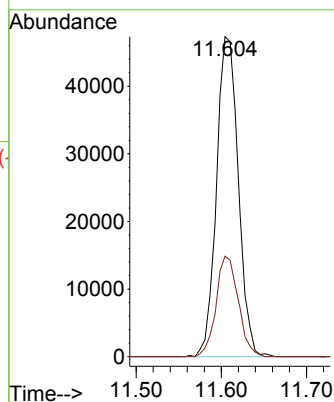
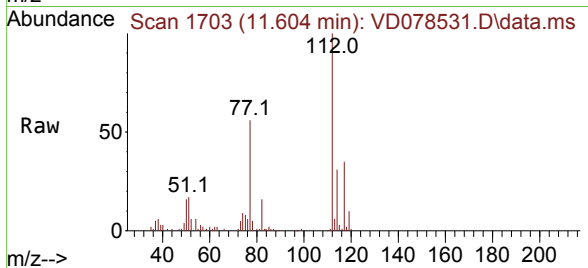




#65
Chlorobenzene
Concen: 21.615 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

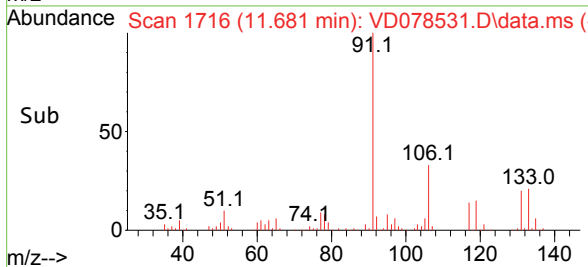
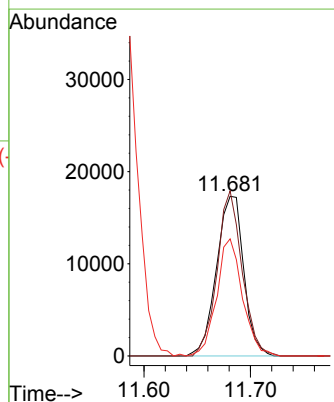
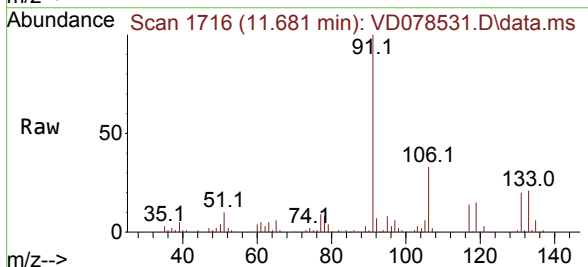
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

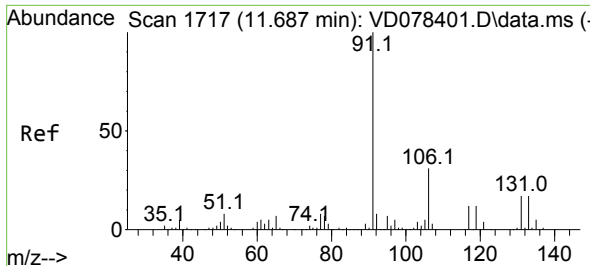
Tgt Ion:112 Resp: 84067
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.521 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:131 Resp: 30761
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 69.6 35.6 106.9

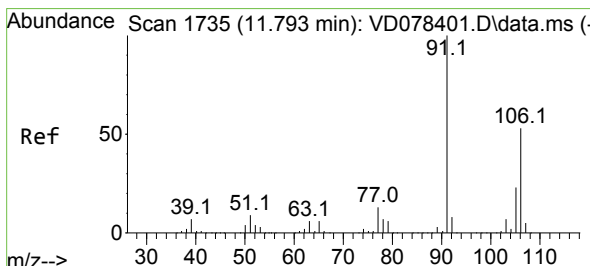
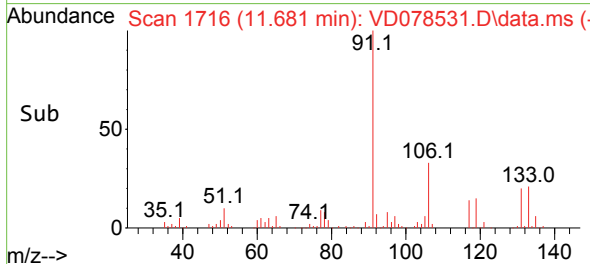
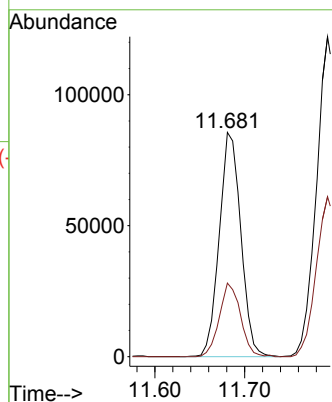
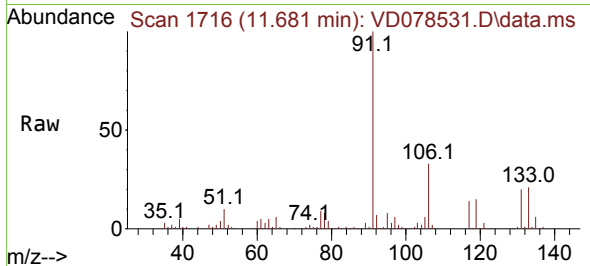




#67
Ethyl Benzene
Concen: 20.515 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

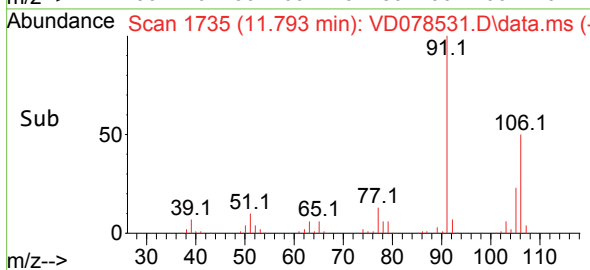
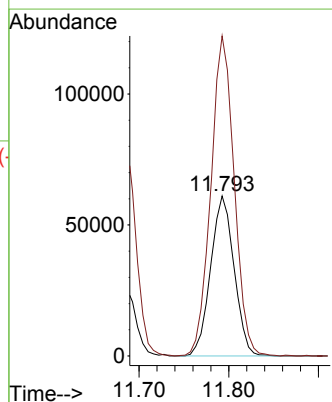
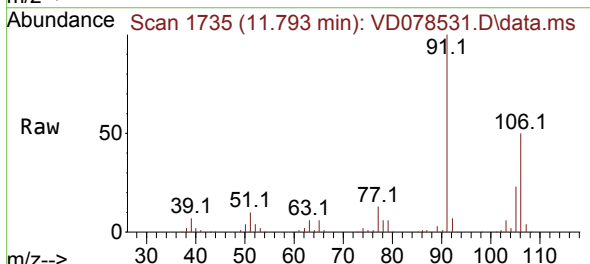
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

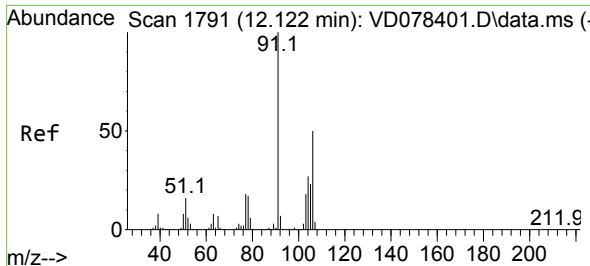
Tgt Ion: 91 Resp: 142962
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7



#68
m/p-Xylenes
Concen: 40.762 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:106 Resp: 110801
Ion Ratio Lower Upper
106 100
91 199.1 147.0 220.6

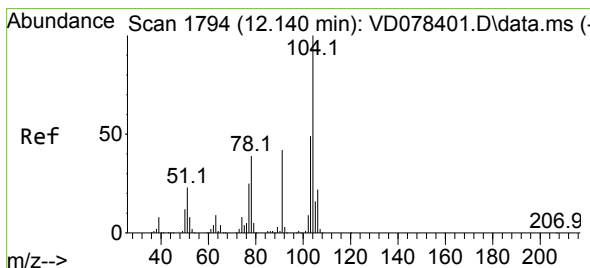
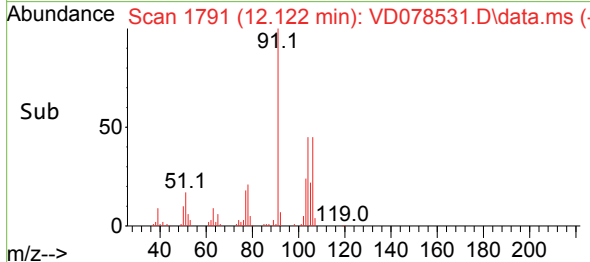
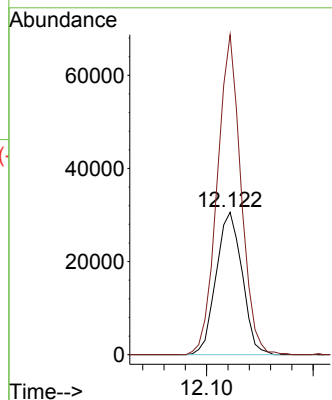
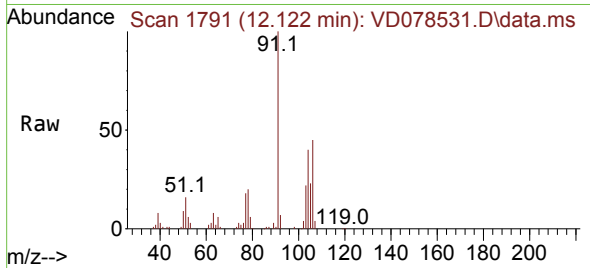




#69
o-Xylene
Concen: 20.868 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

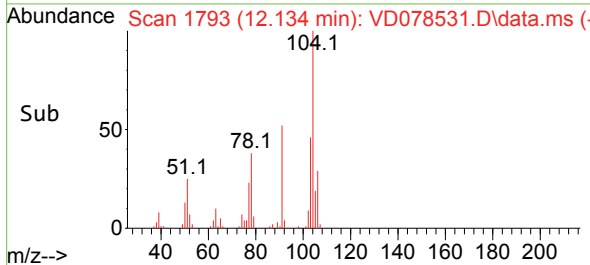
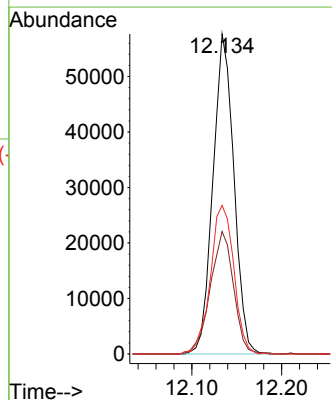
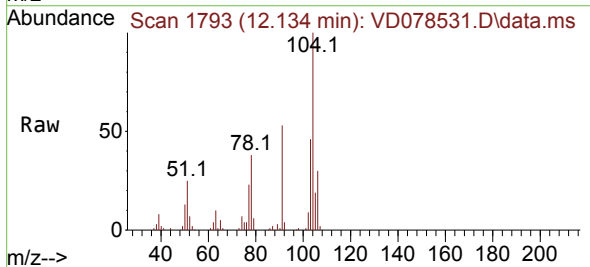
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

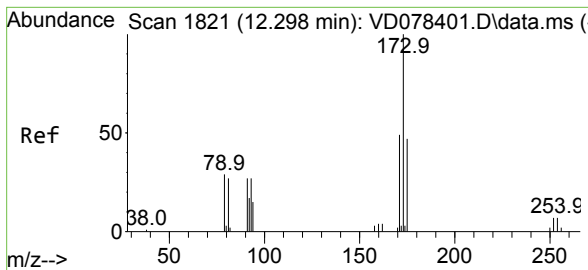
Tgt Ion:106 Resp: 51766
Ion Ratio Lower Upper
106 100
91 205.8 97.9 293.6



#70
Styrene
Concen: 23.093 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:104 Resp: 93492
Ion Ratio Lower Upper
104 100
78 42.3 33.2 49.8
103 52.0 43.6 65.4

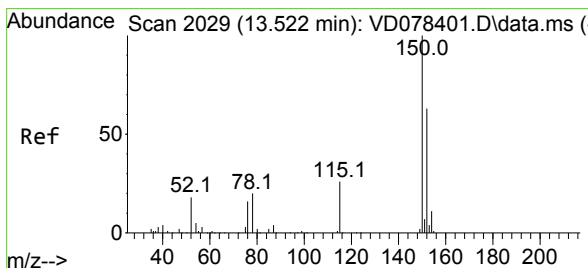
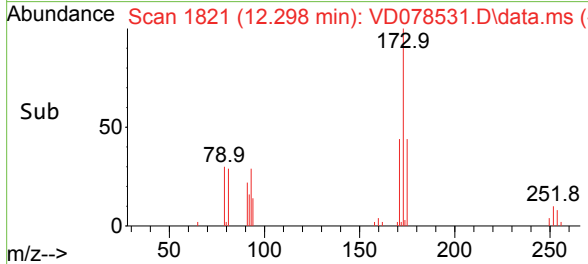
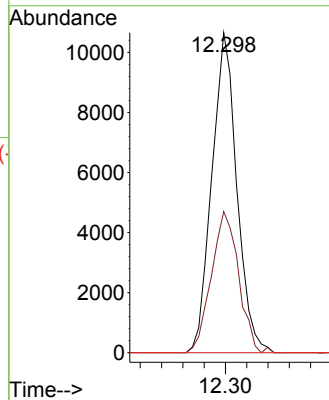
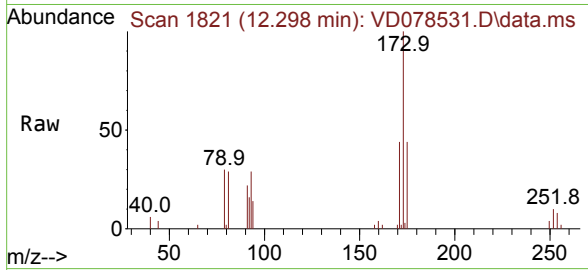




#71
Bromoform
Concen: 23.060 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

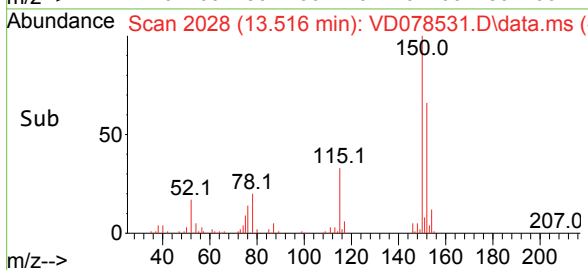
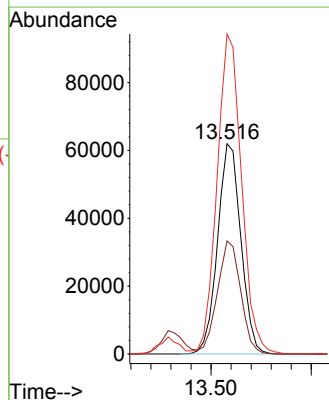
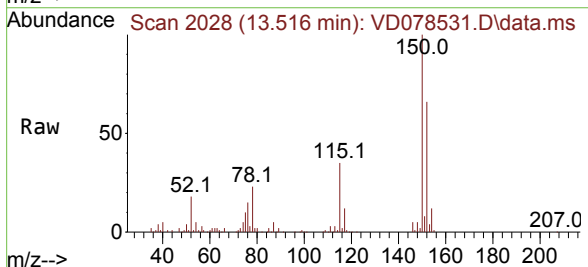
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

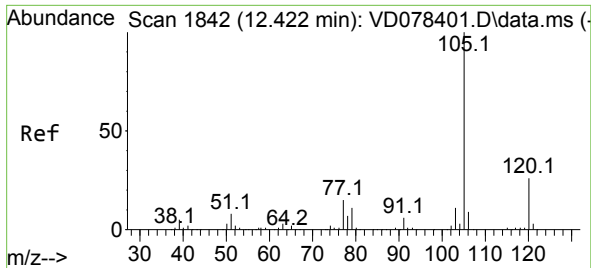
Tgt Ion:173 Resp: 17348
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:152 Resp: 100070
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 160.3 0.0 353.6

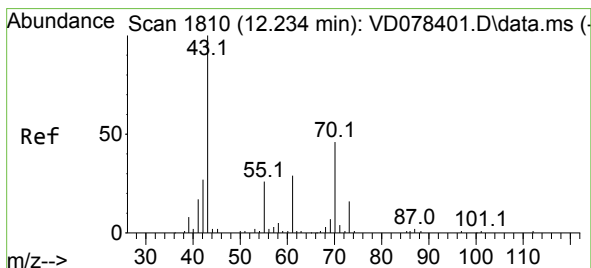
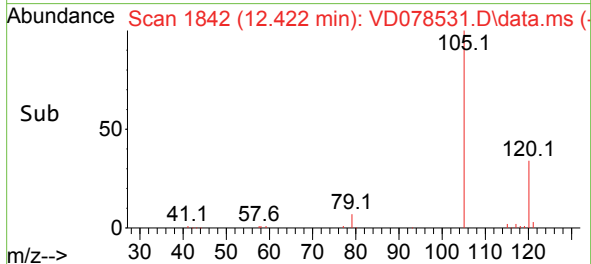
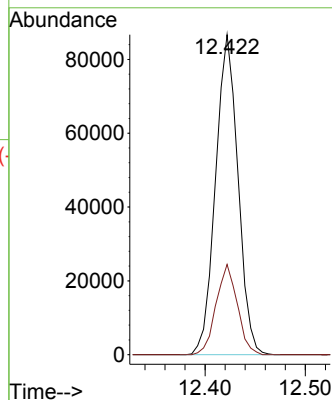
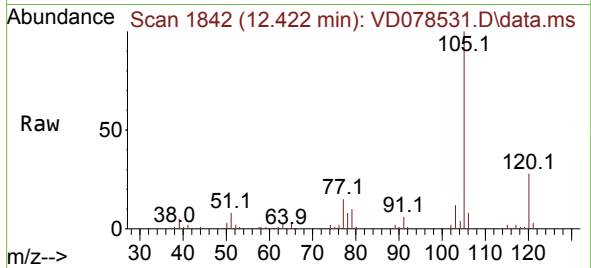




#73
Isopropylbenzene
Concen: 20.011 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

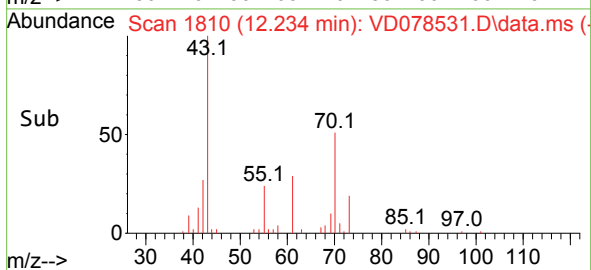
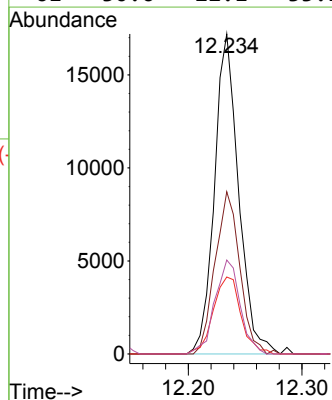
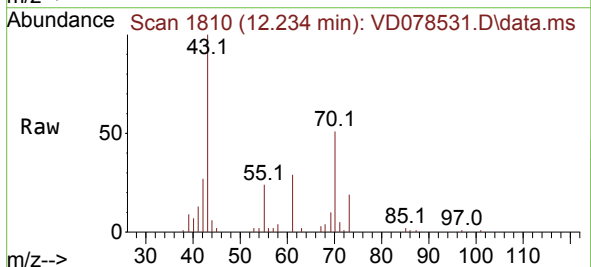
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

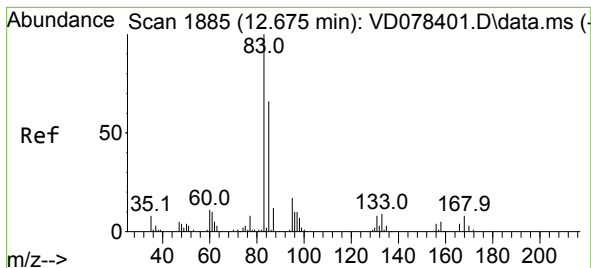
Tgt Ion:105 Resp: 134463
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.977 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 43 Resp: 25395
Ion Ratio Lower Upper
43 100
70 51.9 45.0 67.4
55 27.6 23.8 35.6
61 30.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.441 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

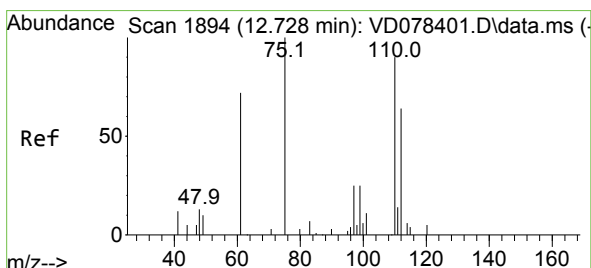
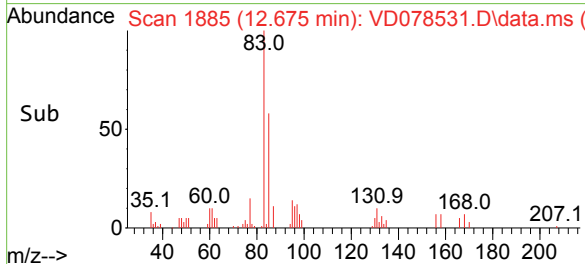
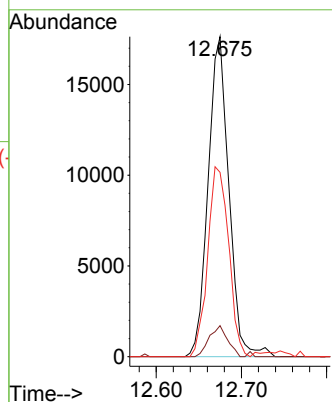
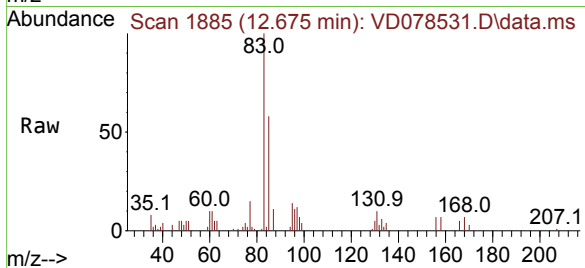
Tgt Ion: 83 Resp: 29912

Ion Ratio Lower Upper

83 100

131 8.6 5.1 15.3

85 59.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.277 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078531.D

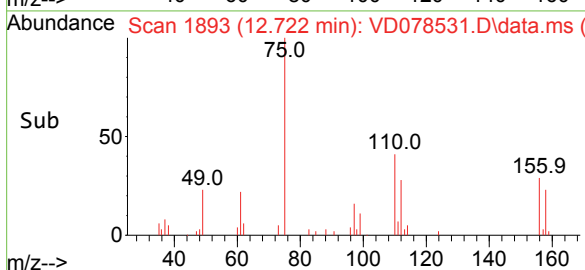
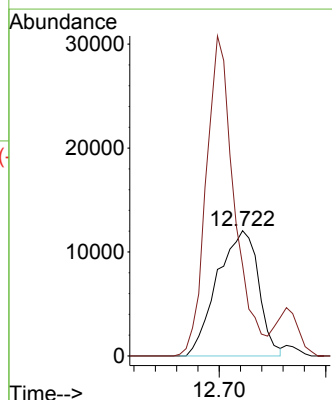
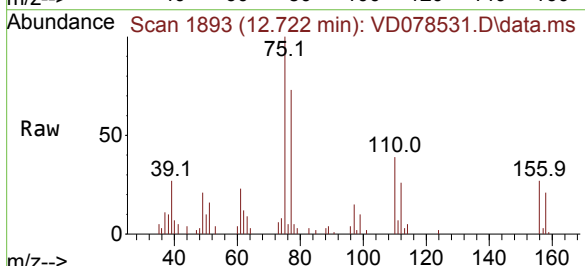
Acq: 23 Feb 2024 11:52

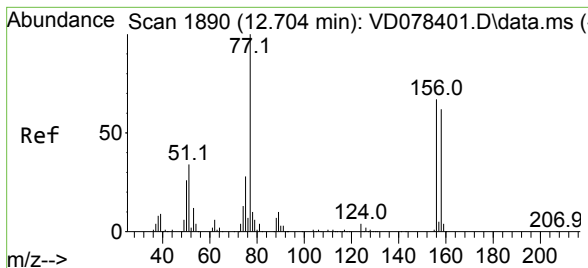
Tgt Ion: 75 Resp: 32519

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.189 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

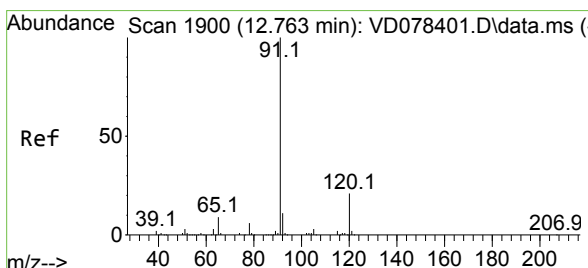
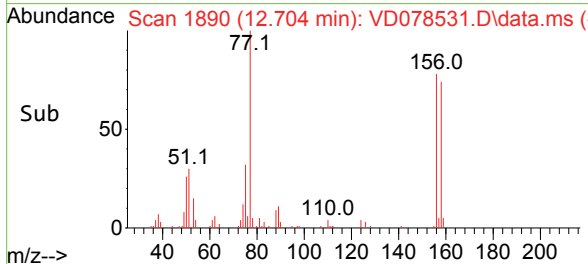
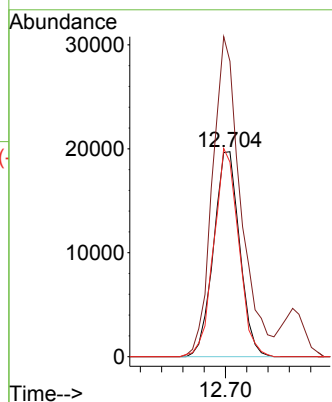
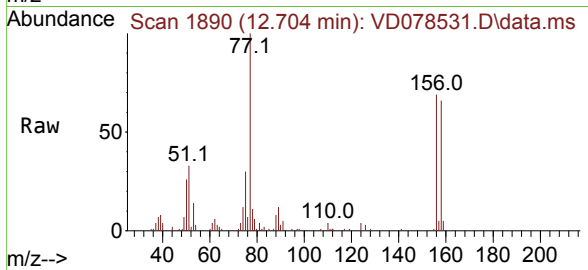
Tgt Ion:156 Resp: 33461

Ion Ratio Lower Upper

156 100

77 170.1 76.8 230.4

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 20.646 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078531.D

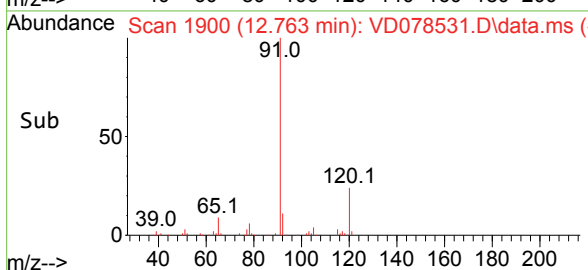
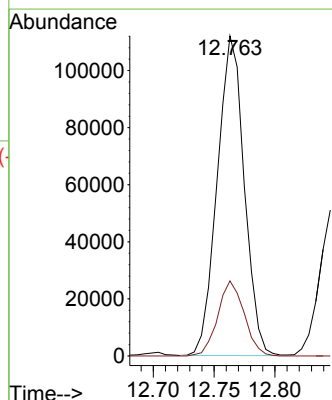
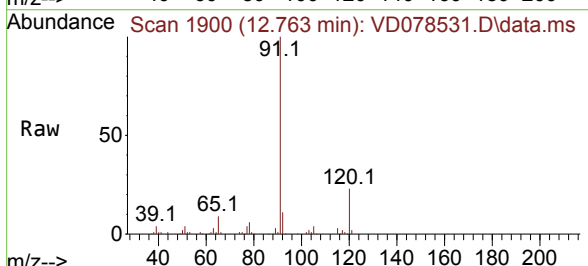
Acq: 23 Feb 2024 11:52

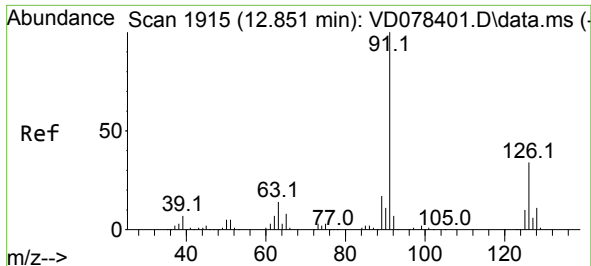
Tgt Ion: 91 Resp: 172888

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

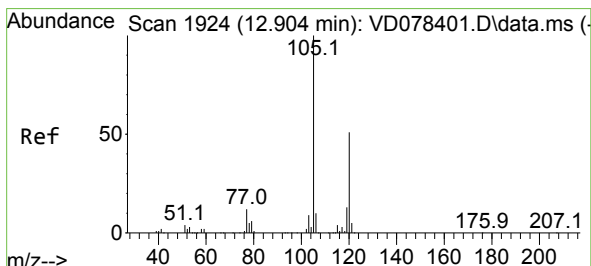
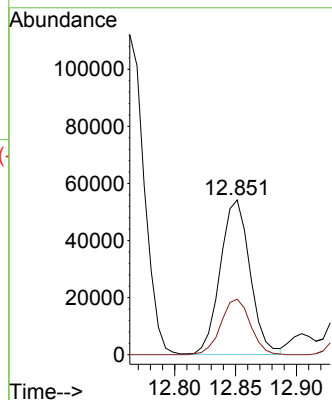
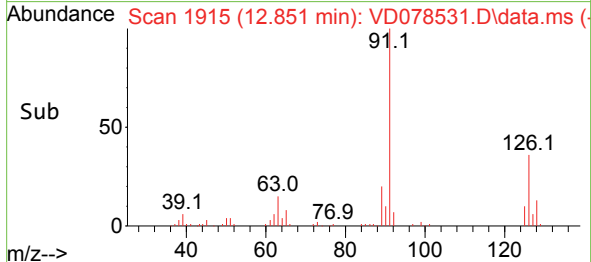
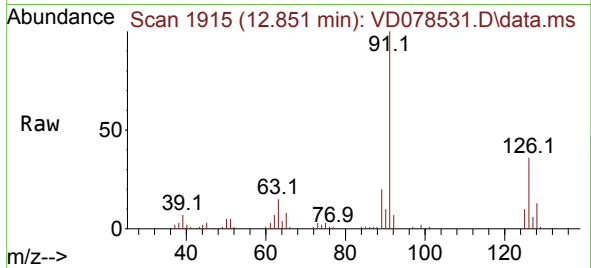




#79
2-Chlorotoluene
Concen: 20.530 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

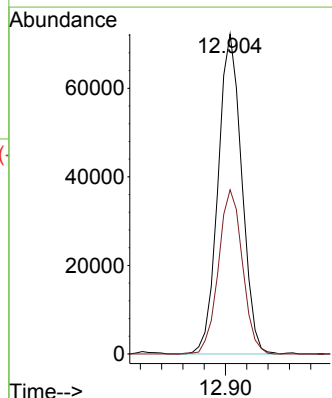
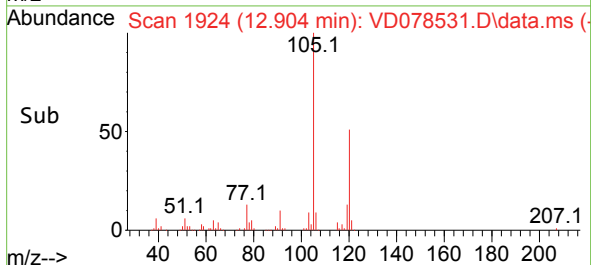
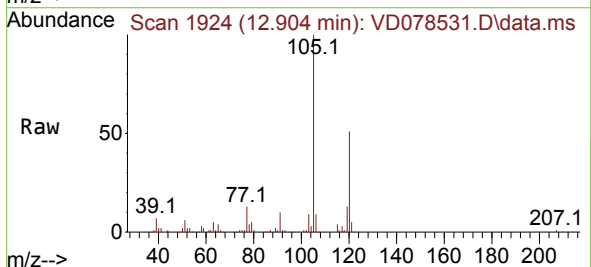
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

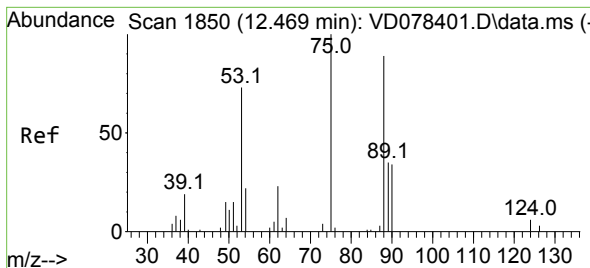
Tgt Ion: 91 Resp: 92078
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.967 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 105 Resp: 111411
Ion Ratio Lower Upper
105 100
120 52.0 26.4 79.2

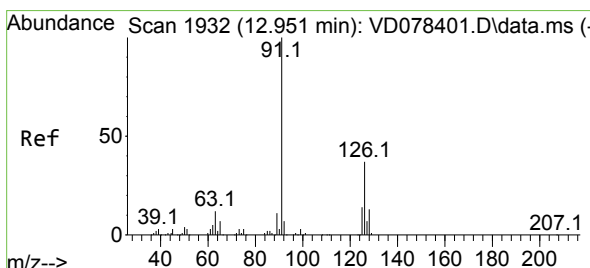
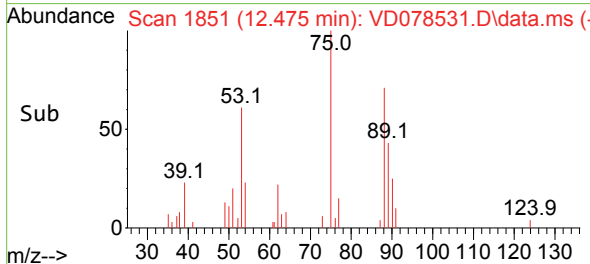
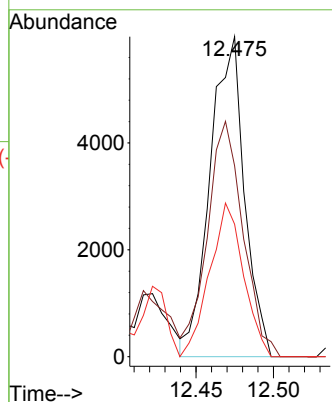
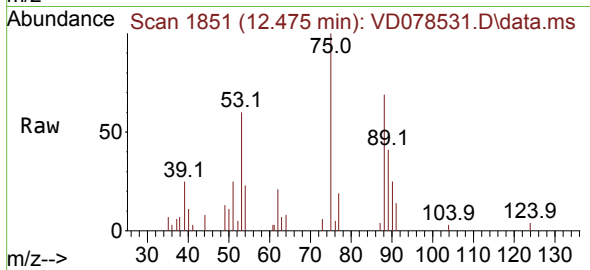




#81
trans-1,4-Dichloro-2-butene
Concen: 22.440 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

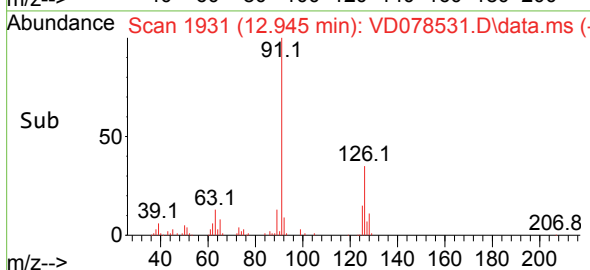
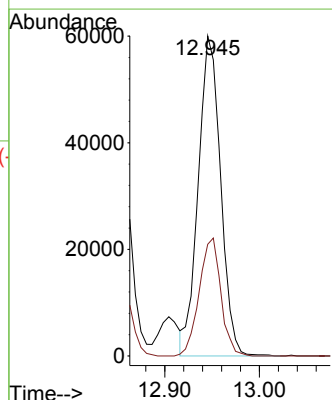
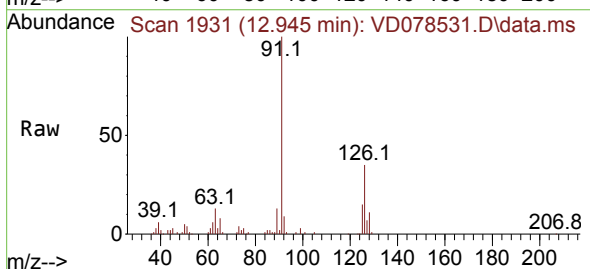
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

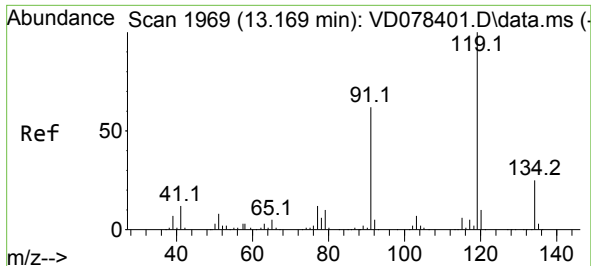
Tgt Ion: 75 Resp: 9183
Ion Ratio Lower Upper
75 100
53 77.0 63.0 94.4
89 47.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.452 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 91 Resp: 98516
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4

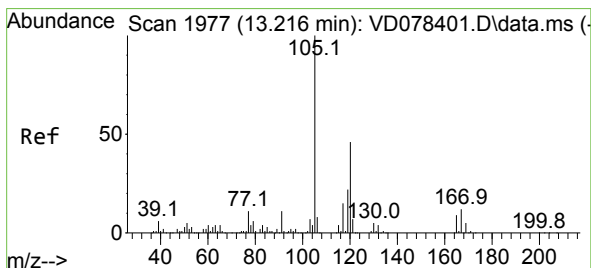
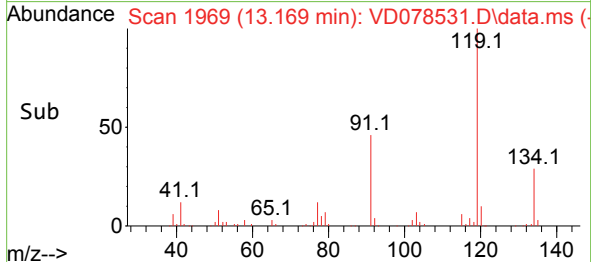
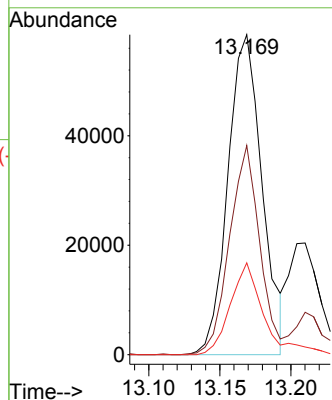
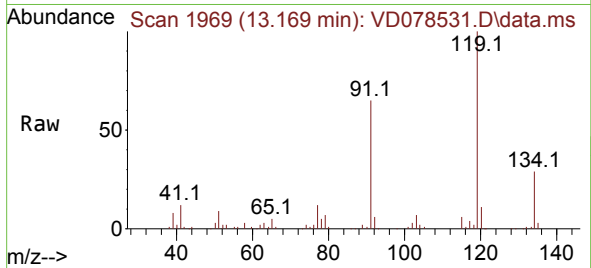




#83
tert-Butylbenzene
Concen: 20.826 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

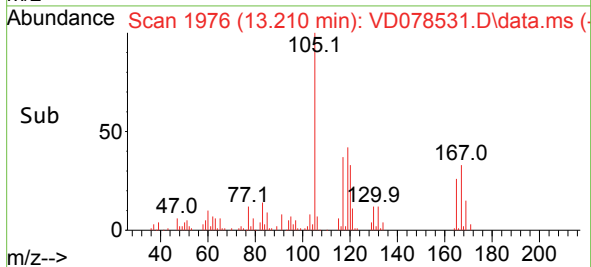
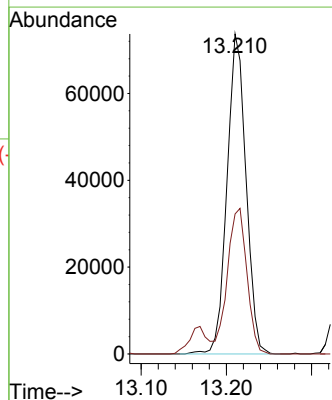
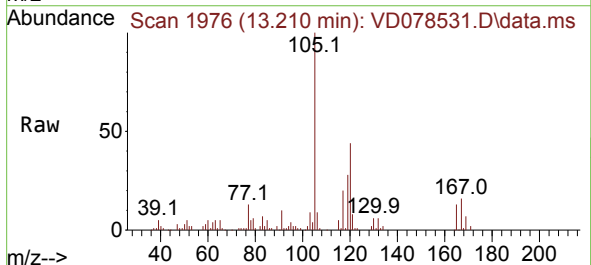
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

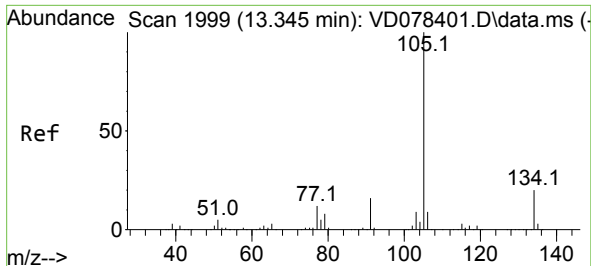
Tgt Ion:119 Resp: 98002
Ion Ratio Lower Upper
119 100
91 57.7 29.3 87.8
134 28.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.167 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion:105 Resp: 114202
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.9

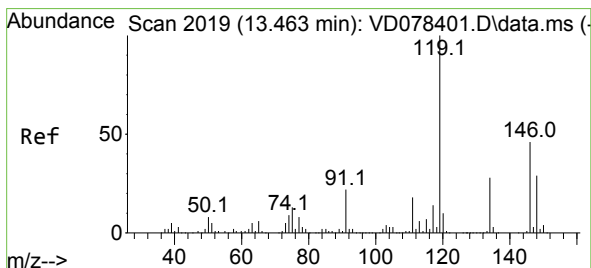
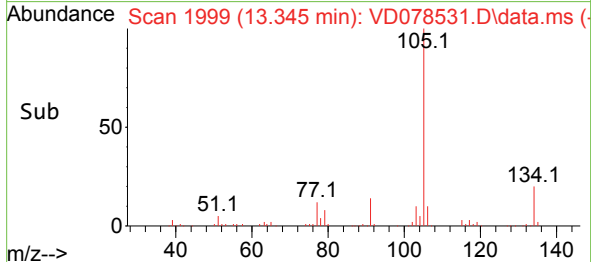
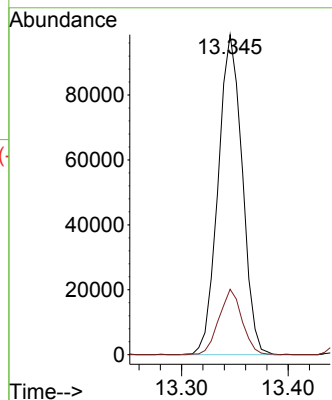
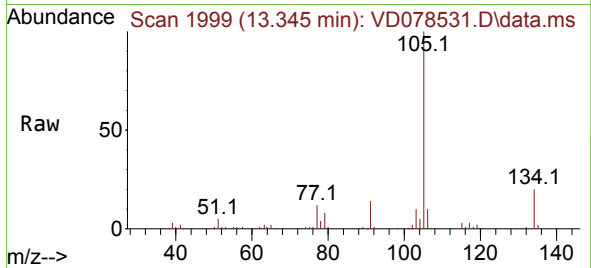




#85
 sec-Butylbenzene
 Concen: 21.216 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

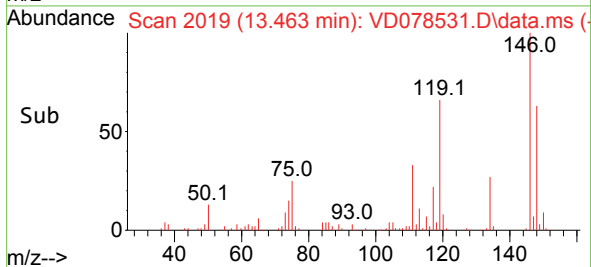
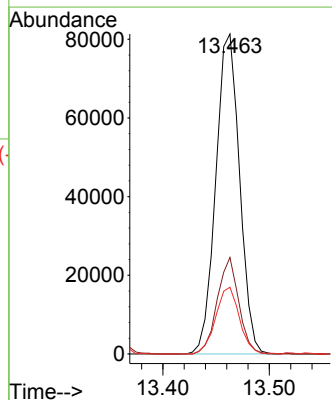
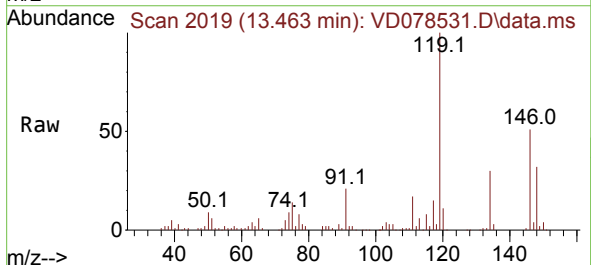
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

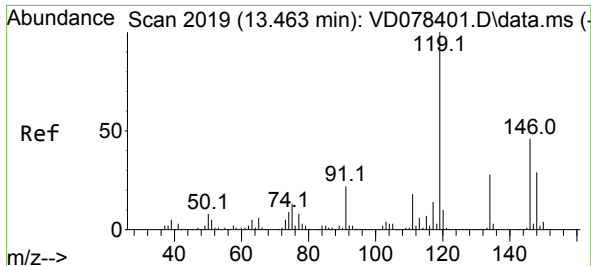
Tgt Ion:105 Resp: 154832
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.291 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Tgt Ion:119 Resp: 126127
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 20.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.944 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

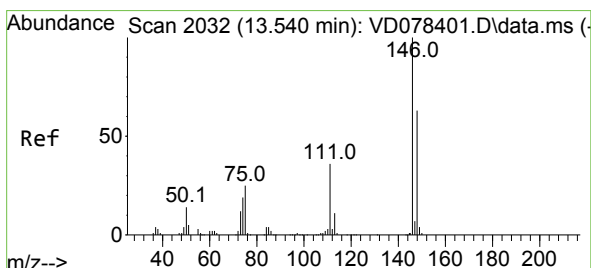
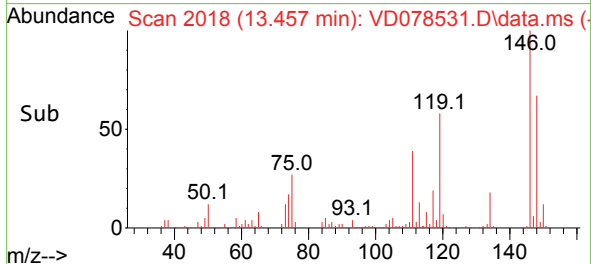
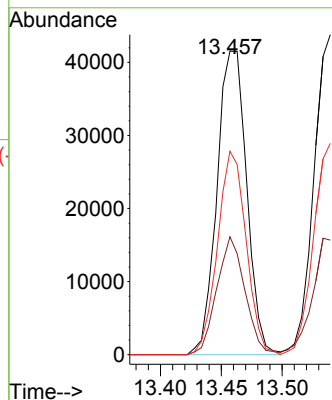
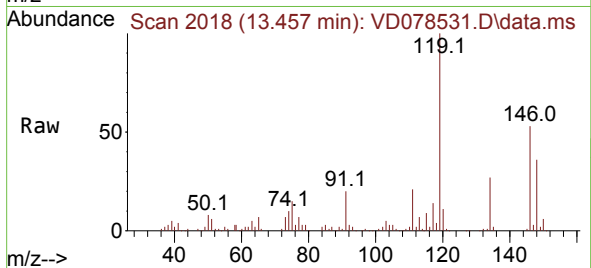
Tgt Ion:146 Resp: 70593

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

148 64.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.474 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

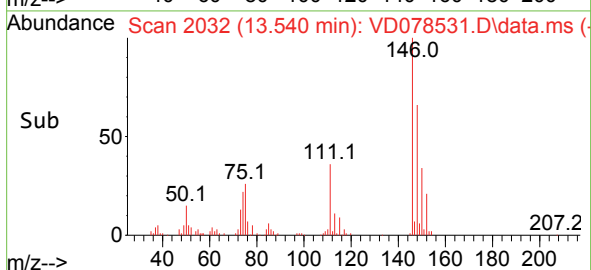
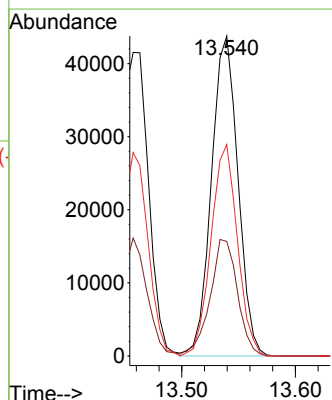
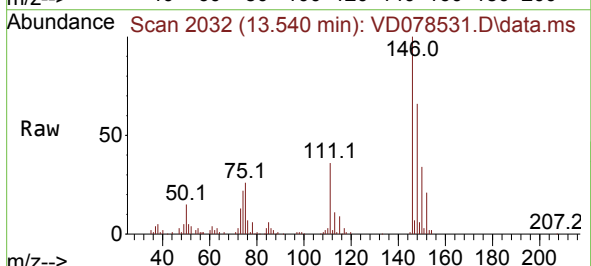
Tgt Ion:146 Resp: 71118

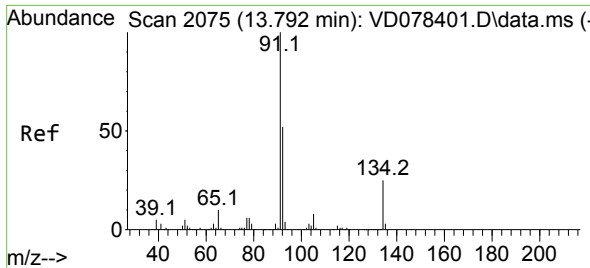
Ion Ratio Lower Upper

146 100

111 37.6 17.4 52.3

148 65.7 31.7 95.1

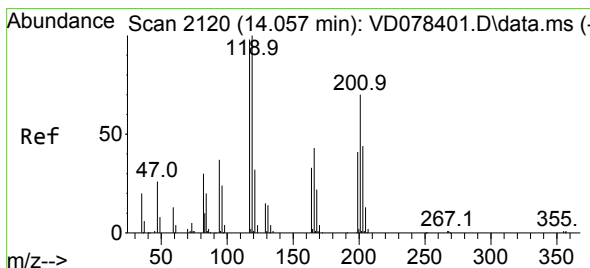
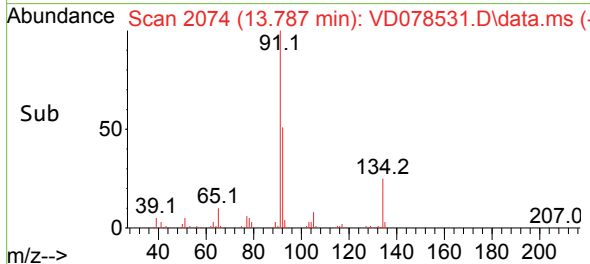
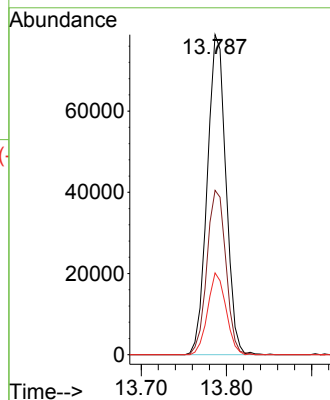
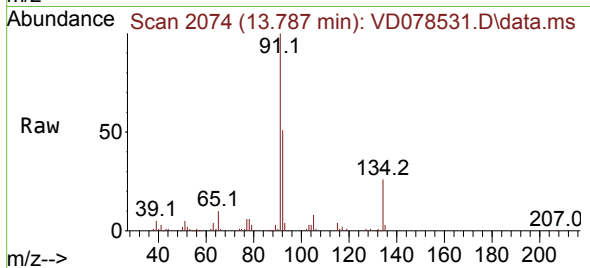




#89
n-Butylbenzene
Concen: 19.984 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

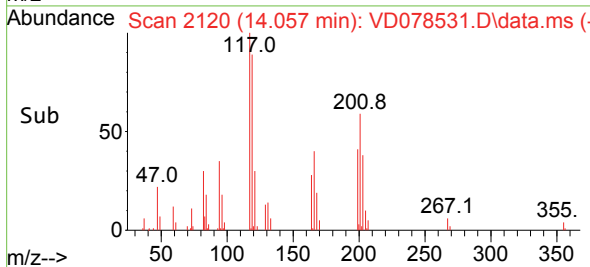
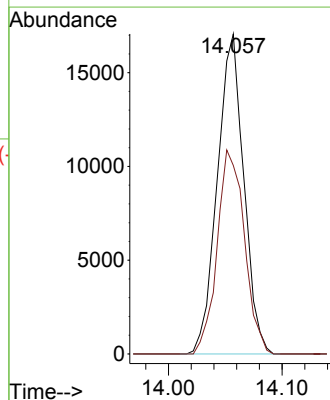
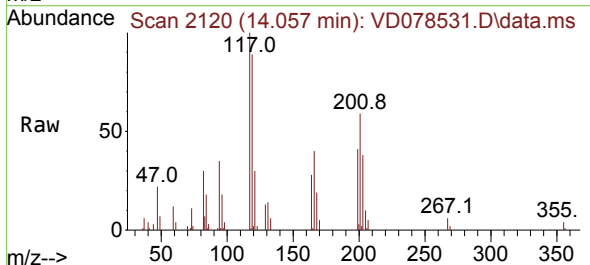
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

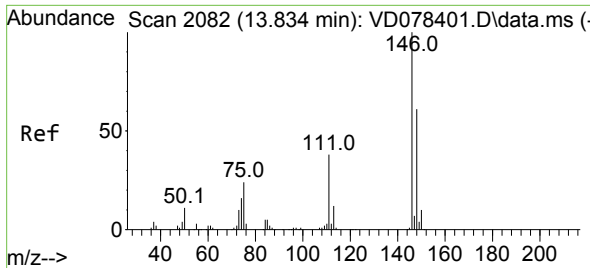
Tgt Ion: 91 Resp: 119728
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 25.2 13.8 41.3



#90
Hexachloroethane
Concen: 21.585 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 117 Resp: 27576
Ion Ratio Lower Upper
117 100
201 65.8 38.5 115.5

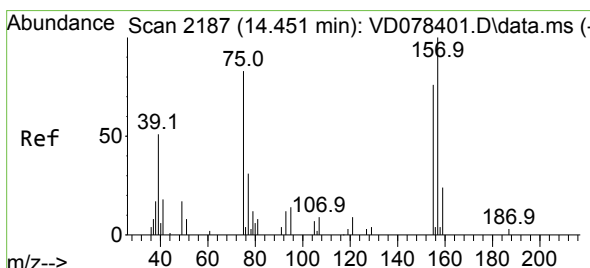
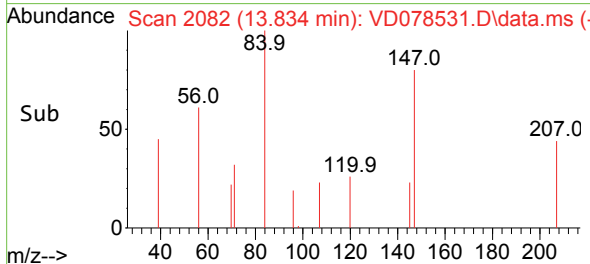
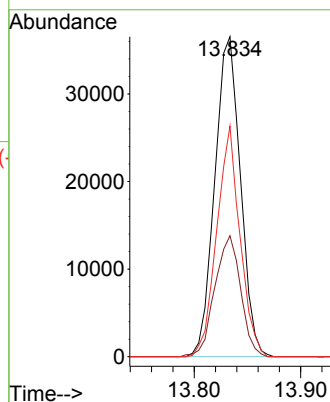
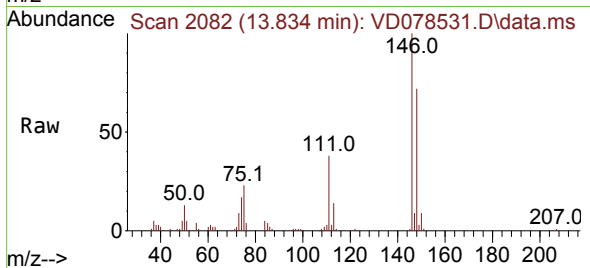




#91
1,2-Dichlorobenzene
Concen: 21.578 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

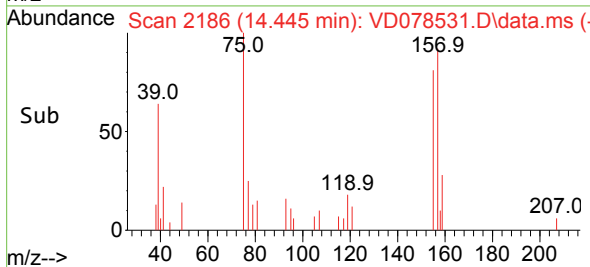
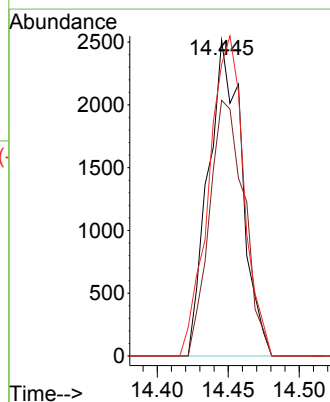
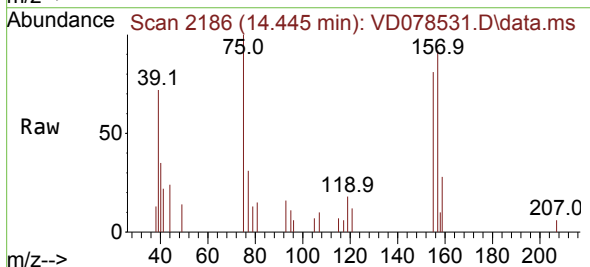
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

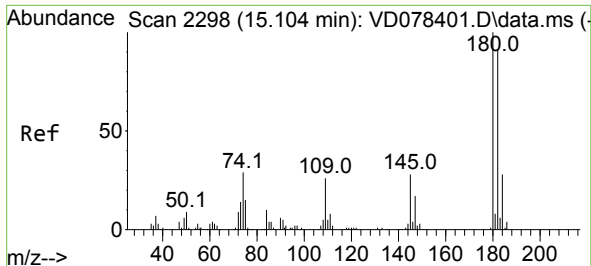
Tgt Ion:146 Resp: 61074
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 65.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.703 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078531.D
Acq: 23 Feb 2024 11:52

Tgt Ion: 75 Resp: 4137
Ion Ratio Lower Upper
75 100
155 83.8 47.9 143.8
157 105.5 59.9 179.7

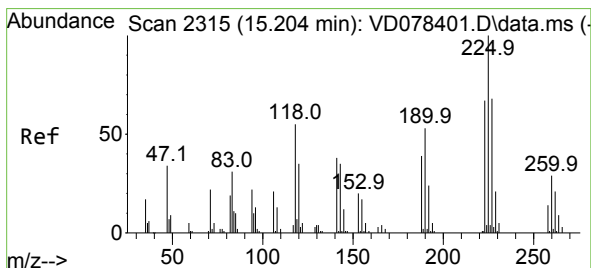
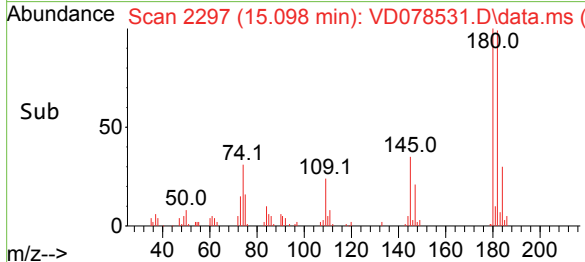
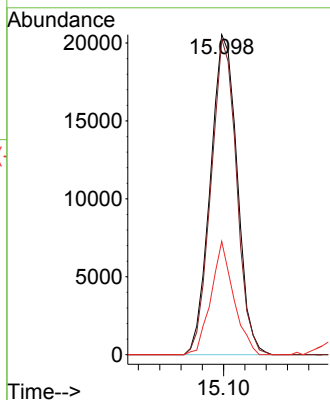
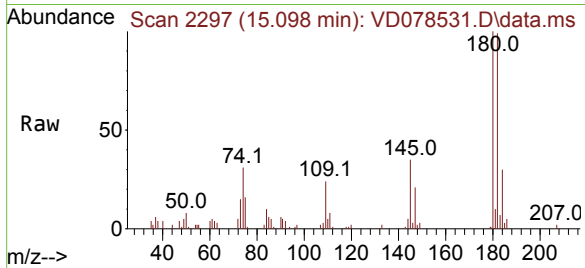




#93
 1,2,4-Trichlorobenzene
 Concen: 21.505 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

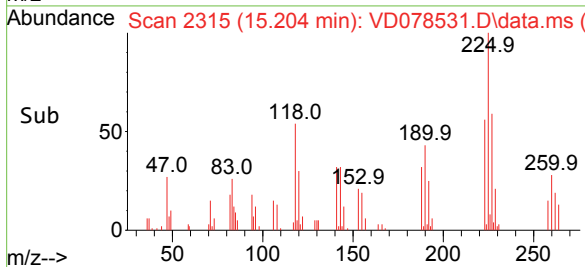
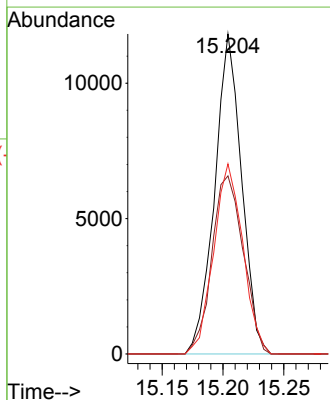
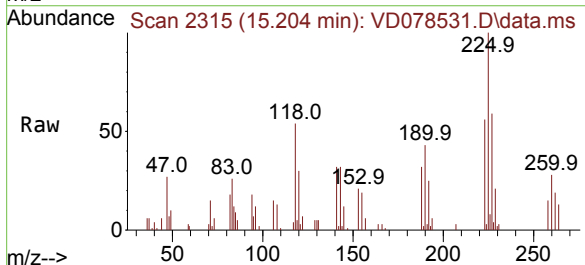
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

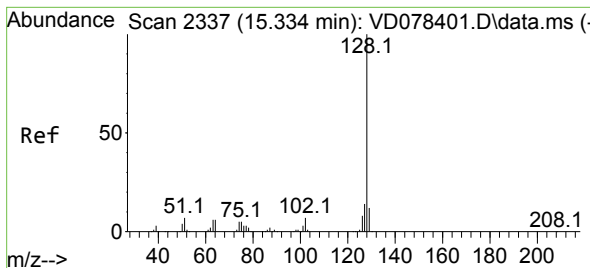
Tgt Ion:180 Resp: 35771
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.5 145.6
 145 29.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 20.996 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078531.D
 Acq: 23 Feb 2024 11:52

Tgt Ion:225 Resp: 18229
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.6 94.8
 227 64.3 31.7 95.1





#95

Naphthalene

Concen: 21.131 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

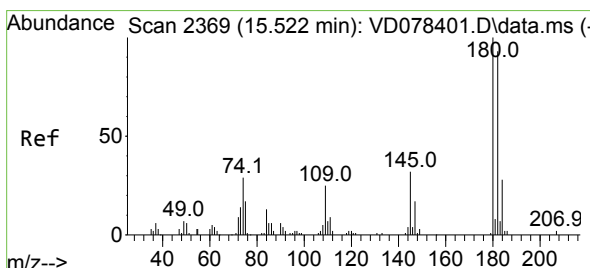
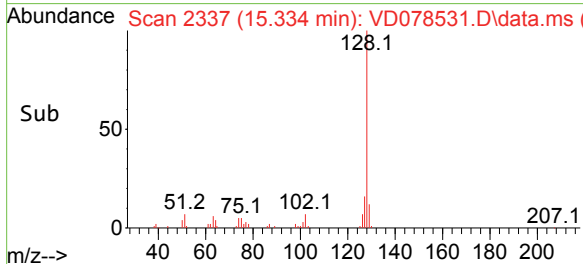
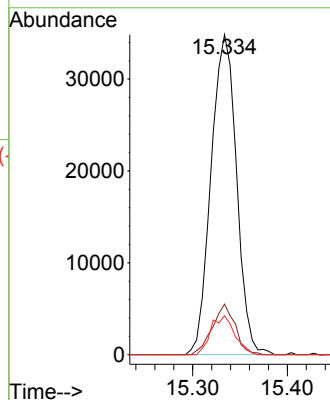
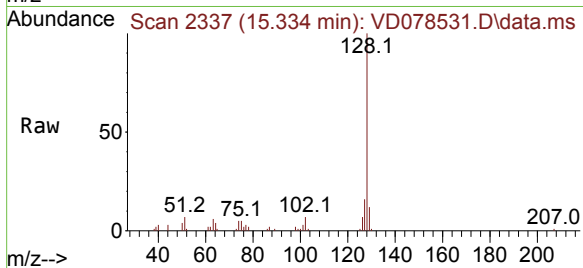
Tgt Ion:128 Resp: 65193

Ion Ratio Lower Upper

128 100

127 15.8 10.5 15.7#

129 12.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.482 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078531.D

Acq: 23 Feb 2024 11:52

Tgt Ion:180 Resp: 31693

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 29.2 15.1 45.3

