

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078532.D
 Acq On : 23 Feb 2024 13:15
 Operator : RP/MD
 Sample : VD0223SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Quant Time: Feb 24 00:20:41 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	120328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62984	48.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.804	113	68692	52.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.269	98	264848	50.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.569	95	75061	49.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21084	17.784	ug/l	96
3) Chloromethane	2.146	50	38730	17.776	ug/l	98
4) Vinyl Chloride	2.275	62	61538	18.509	ug/l	98
5) Bromomethane	2.675	94	46355	20.199	ug/l	96
6) Chloroethane	2.828	64	50651	20.892	ug/l	94
7) Trichlorofluoromethane	3.164	101	45300	20.198	ug/l	87
8) Diethyl Ether	3.587	74	12679	19.627	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.952	101	29819	21.076	ug/l	97
10) Methyl Iodide	4.164	142	25419	20.059	ug/l	93
11) Tert butyl alcohol	5.058	59	5330	71.554	ug/l	98
12) 1,1-Dichloroethene	3.928	96	24943	19.015	ug/l	85
13) Acrolein	3.799	56	10515	87.484	ug/l	97
14) Allyl chloride	4.552	41	29006	17.900	ug/l	95
15) Acrylonitrile	5.252	53	27688	100.124	ug/l #	88
16) Acetone	4.028	43	33425	119.021	ug/l #	84
17) Carbon Disulfide	4.263	76	66211	15.001	ug/l	99
18) Methyl Acetate	4.558	43	10533	14.432	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	54957	19.720	ug/l	96
20) Methylene Chloride	4.799	84	35950	22.706	ug/l #	80
21) trans-1,2-Dichloroethene	5.305	96	28720	18.611	ug/l	96
22) Diisopropyl ether	6.216	45	71031	19.887	ug/l	94
23) Vinyl Acetate	6.158	43	209287	136.614	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	49728	19.654	ug/l	95
25) 2-Butanone	7.087	43	40444	114.163	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	44076	20.780	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	32725	19.329	ug/l	91
28) Bromochloromethane	7.422	49	20369	20.325	ug/l	88
29) Tetrahydrofuran	7.440	42	19473	100.643	ug/l	93
30) Chloroform	7.593	83	54423	20.330	ug/l	98
31) Cyclohexane	7.875	56	38544	17.513	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	46956	20.573	ug/l	97
36) 1,1-Dichloropropene	8.004	75	39827	19.599	ug/l	96
37) Ethyl Acetate	7.169	43	13734	19.280	ug/l #	93
38) Carbon Tetrachloride	7.993	117	40542	20.145	ug/l	98
39) Methylcyclohexane	9.275	83	43792	18.152	ug/l	92
40) Benzene	8.252	78	116837	19.891	ug/l	100

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 ClientSampleId :
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 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)
41) Methacrylonitrile	7.393	41	9256	24.967	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	31864	20.966	ug/l	99
43) Isopropyl Acetate	8.363	43	27226	20.640	ug/l	93
44) Trichloroethene	9.028	130	31685	21.145	ug/l	98
45) 1,2-Dichloropropane	9.304	63	29166	20.238	ug/l	98
46) Dibromomethane	9.399	93	16995	20.966	ug/l	94
47) Bromodichloromethane	9.587	83	41990	20.914	ug/l	98
48) Methyl methacrylate	9.381	41	12804	18.296	ug/l #	79
49) 1,4-Dioxane	9.393	88	3419	389.475	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	72262	103.215	ug/l	93
52) Toluene	10.334	92	75022	20.197	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	37553	20.498	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	44777	20.157	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	23641	21.657	ug/l	90
56) Ethyl methacrylate	10.598	69	25133	24.894	ug/l	97
57) 1,3-Dichloropropane	10.881	76	38759	20.873	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	69233	116.417	ug/l	95
59) 2-Hexanone	10.922	43	58624	111.423	ug/l	89
60) Dibromochloromethane	11.075	129	29405	22.388	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21843	21.314	ug/l	96
64) Tetrachloroethene	10.810	164	25871	21.538	ug/l	96
65) Chlorobenzene	11.604	112	82320	21.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29652	21.105	ug/l	97
67) Ethyl Benzene	11.681	91	136889	19.983	ug/l	98
68) m/p-Xylenes	11.793	106	113250	42.384	ug/l	96
69) o-Xylene	12.122	106	50923	20.884	ug/l	94
70) Styrene	12.134	104	88723	22.295	ug/l	99
71) Bromoform	12.298	173	16181	21.881	ug/l #	95
73) Isopropylbenzene	12.422	105	134027	20.737	ug/l	96
74) N-amyl acetate	12.234	43	24987	20.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	27492	21.443	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	32414	39.668	ug/l #	100
77) Bromobenzene	12.704	156	33225	21.874	ug/l	94
78) n-propylbenzene	12.763	91	168898	20.970	ug/l	98
79) 2-Chlorotoluene	12.851	91	91221	21.146	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	113327	21.117	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7965	20.236	ug/l	90
82) 4-Chlorotoluene	12.945	91	97431	21.029	ug/l	95
83) tert-Butylbenzene	13.169	119	95388	21.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	112816	20.713	ug/l	97
85) sec-Butylbenzene	13.345	105	154776	22.050	ug/l	96
86) p-Isopropyltoluene	13.463	119	126842	21.216	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	70215	21.659	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	69145	21.707	ug/l	97
89) n-Butylbenzene	13.787	91	121117	21.018	ug/l	97
90) Hexachloroethane	14.057	117	27416	22.311	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	61630	22.639	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3551	21.153	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	34342	21.465	ug/l	100
94) Hexachlorobutadiene	15.210	225	19159	22.942	ug/l	99
95) Naphthalene	15.334	128	62365	21.016	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30234	22.298	ug/l	96

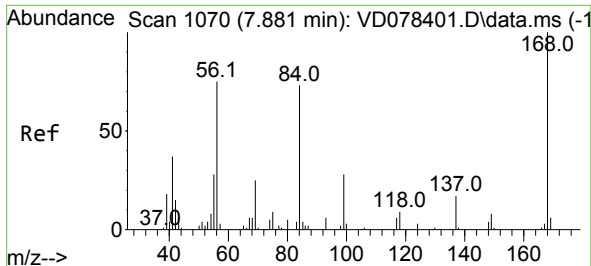
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
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Operator : RP/MD
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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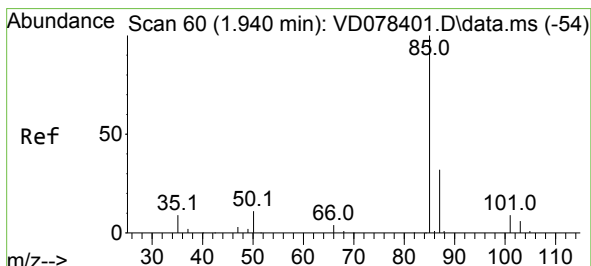
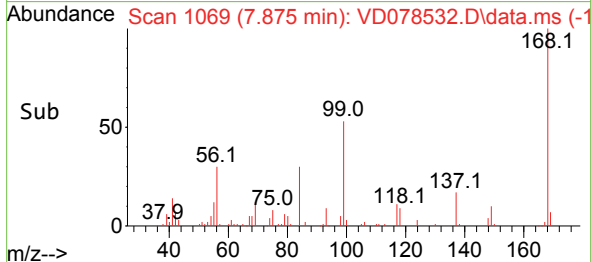
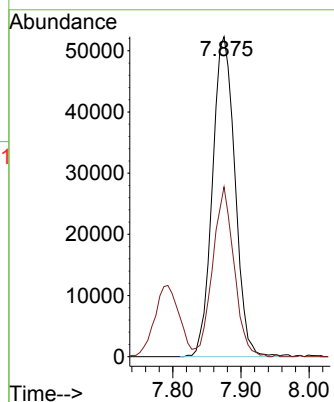
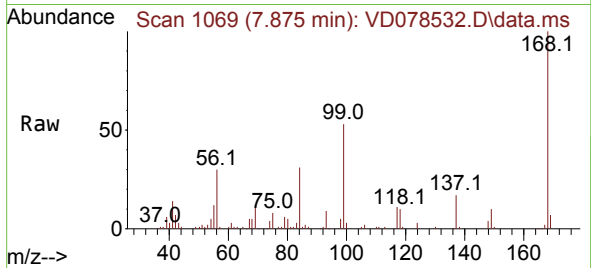
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

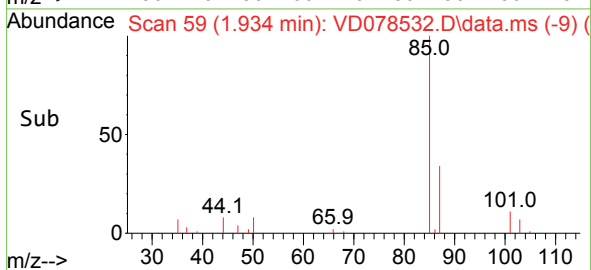
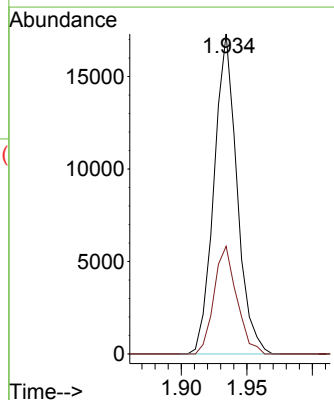
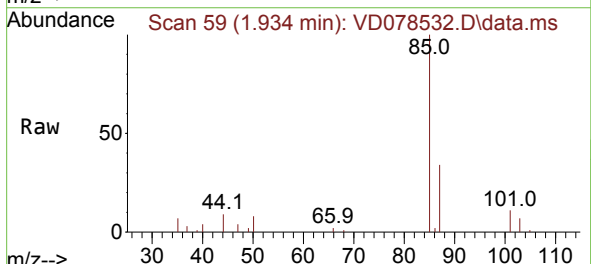
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

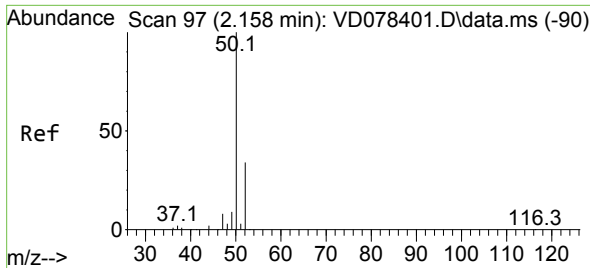
Tgt Ion:168 Resp: 120328
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 17.784 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 85 Resp: 21084
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

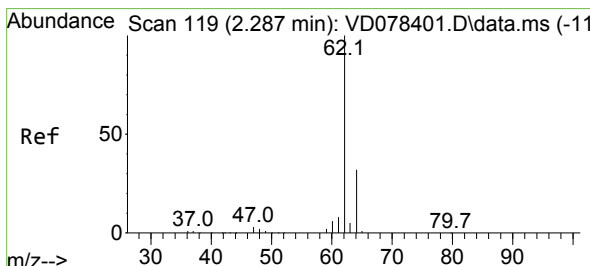
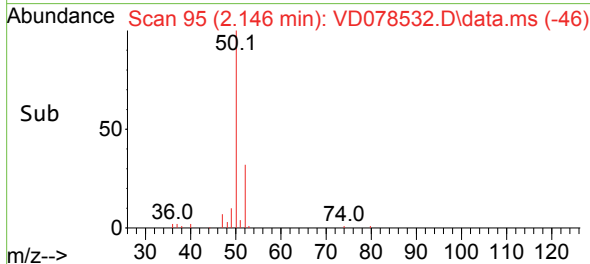
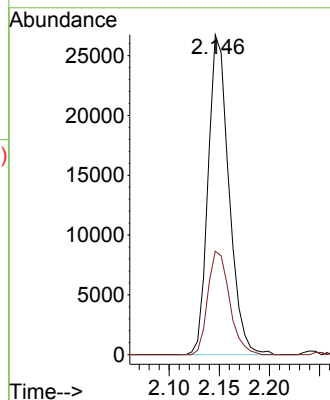
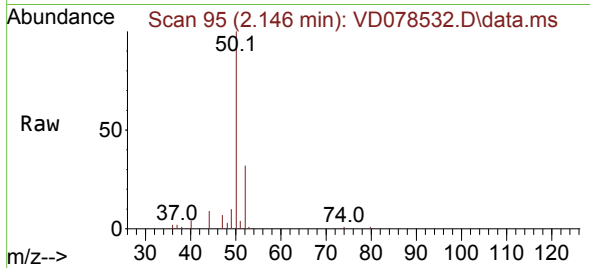




#3
Chloromethane
Concen: 17.776 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

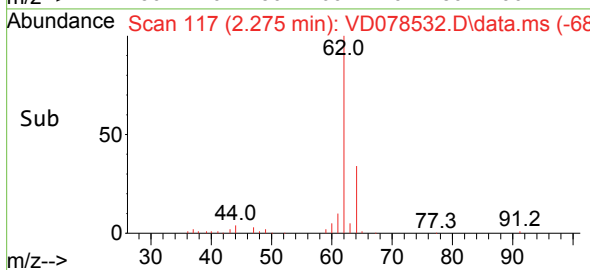
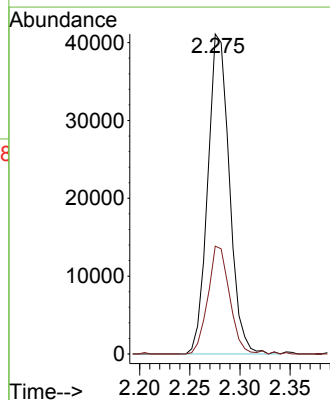
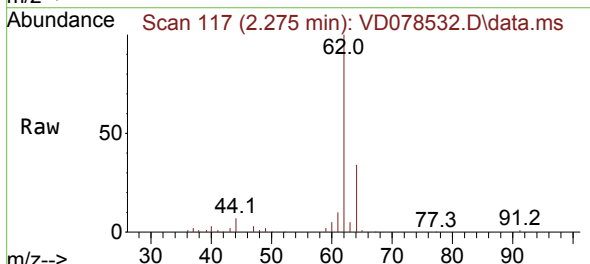
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

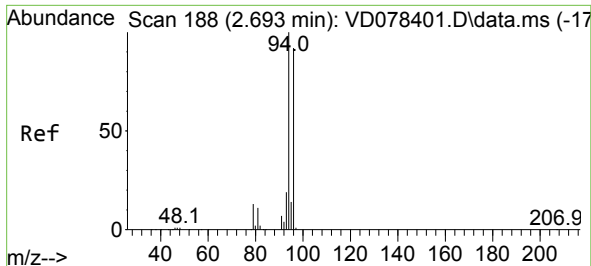
Tgt Ion: 50 Resp: 38730
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 18.509 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 62 Resp: 61538
Ion Ratio Lower Upper
62 100
64 33.7 26.0 39.0

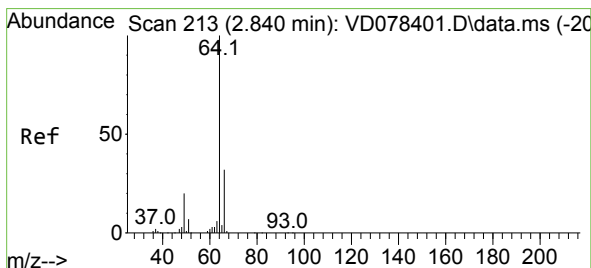
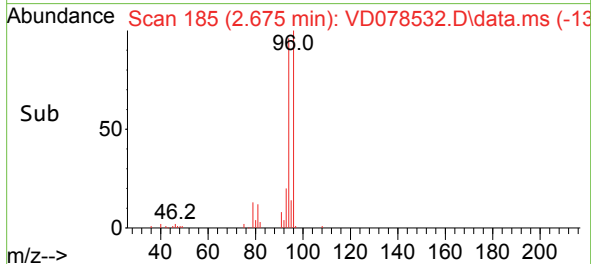
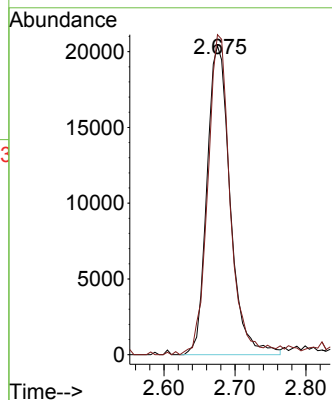
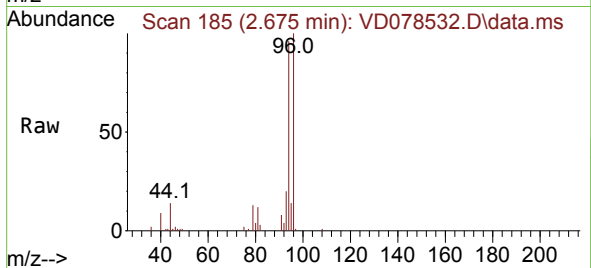




#5
Bromomethane
Concen: 20.199 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

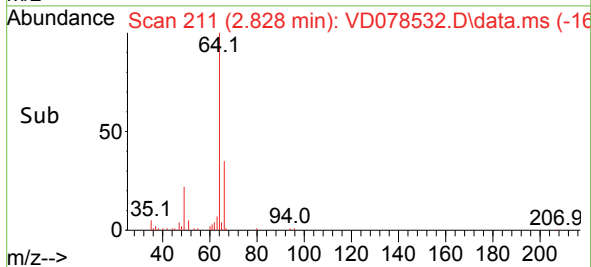
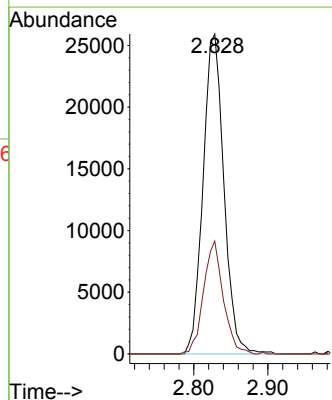
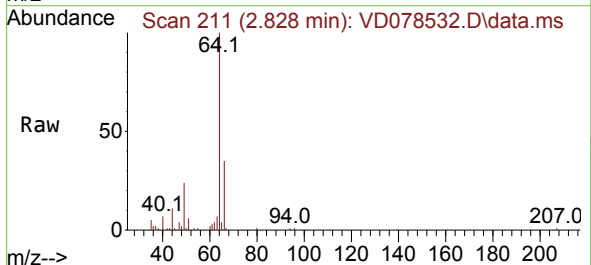
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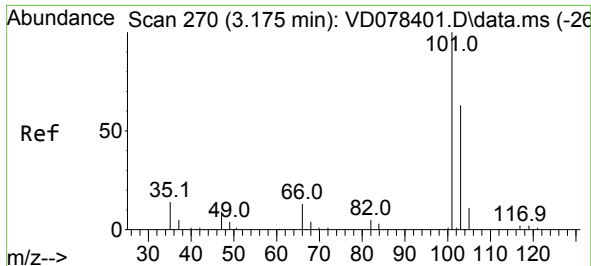
Tgt Ion: 94 Resp: 46355
Ion Ratio Lower Upper
94 100
96 98.9 75.8 113.8



#6
Chloroethane
Concen: 20.892 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 64 Resp: 50651
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3

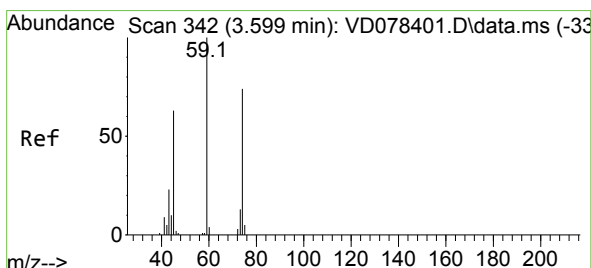
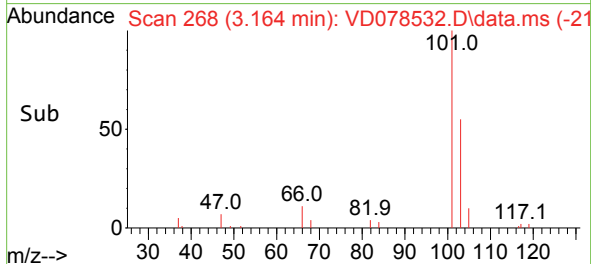
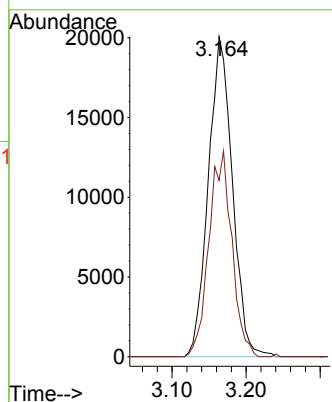
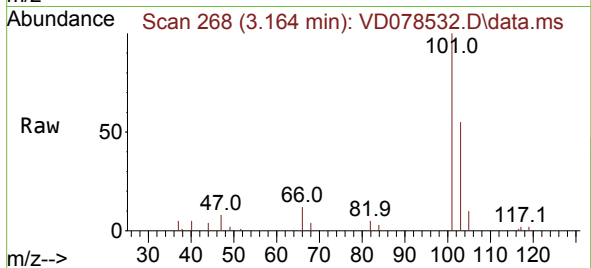




#7
Trichlorofluoromethane
Concen: 20.198 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

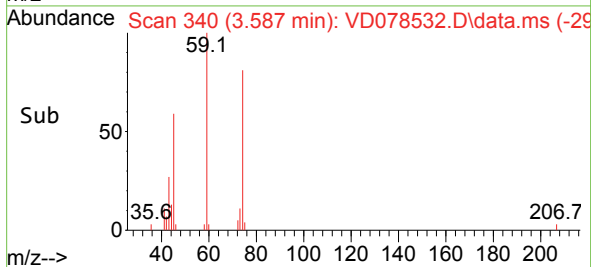
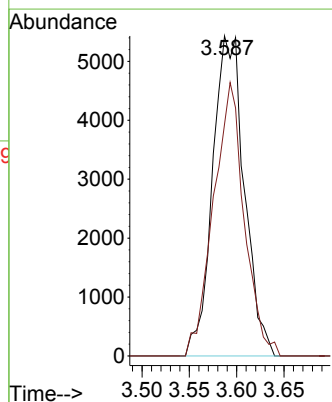
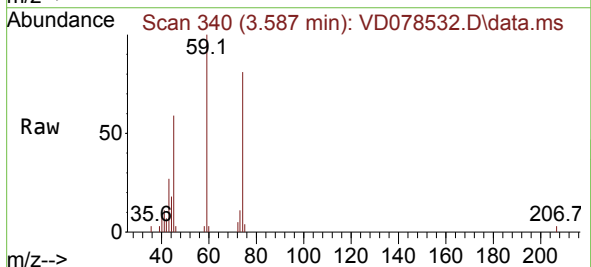
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Tgt Ion:101 Resp: 45300
Ion Ratio Lower Upper
101 100
103 55.1 52.3 78.5



#8
Diethyl Ether
Concen: 19.627 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 74 Resp: 12679
Ion Ratio Lower Upper
74 100
45 82.9 37.5 112.7

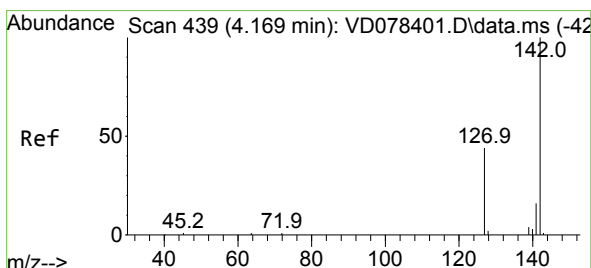
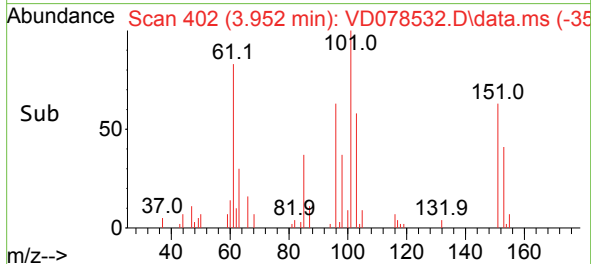
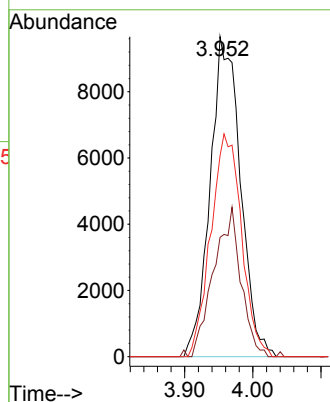
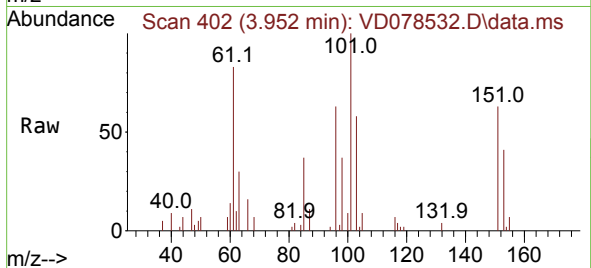




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.076 ug/l
RT: 3.952 min Scan# 405
Delta R.T. -0.018 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

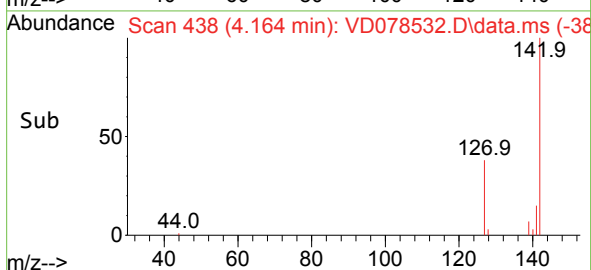
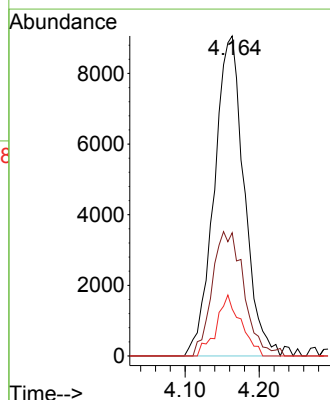
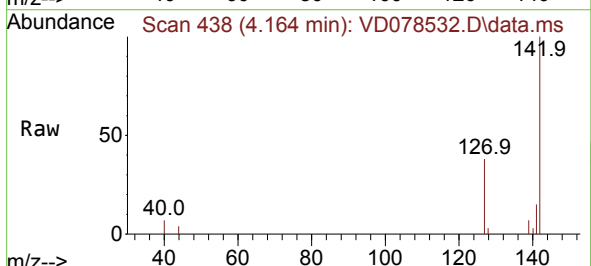
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

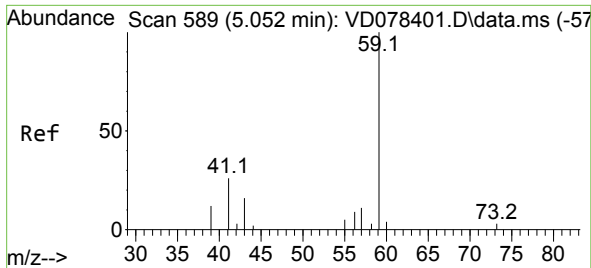
Tgt Ion:101	Resp:	29819
Ion	Ratio	Lower Upper
101	100	
85	41.9	33.8 50.6
151	70.7	59.8 89.6



#10
Methyl Iodide
Concen: 20.059 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:142	Resp:	25419
Ion	Ratio	Lower Upper
142	100	
127	41.5	29.4 44.0
141	15.6	11.1 16.7





#11

Tert butyl alcohol

Concen: 71.554 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

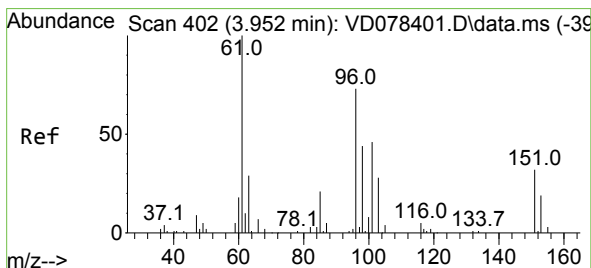
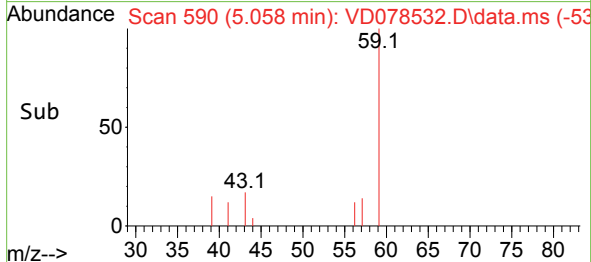
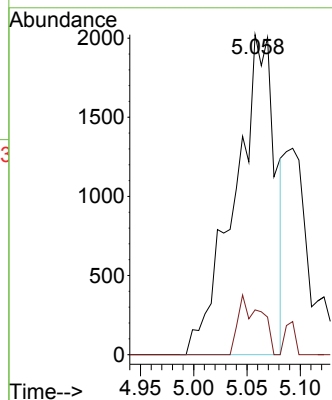
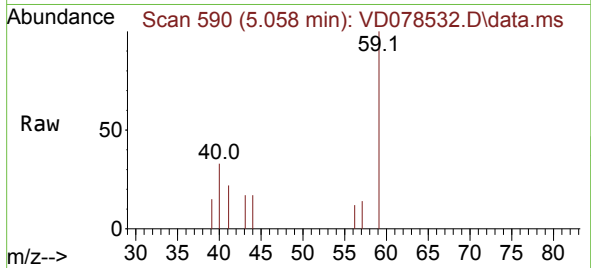
VD0223SBS01

Tgt Ion: 59 Resp: 5330

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.015 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.024 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

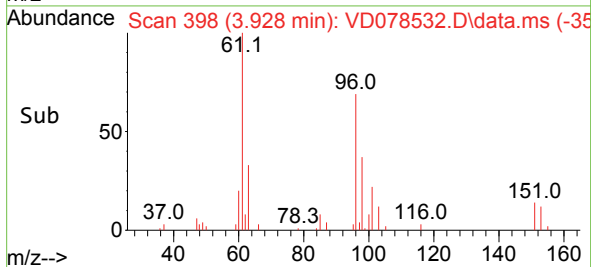
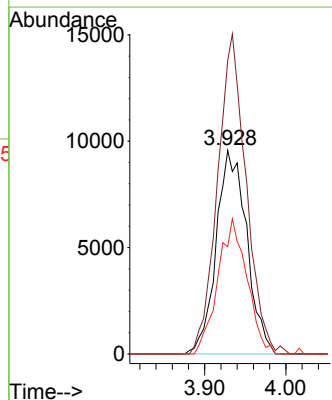
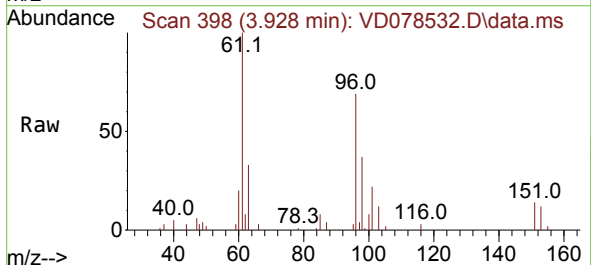
Tgt Ion: 96 Resp: 24943

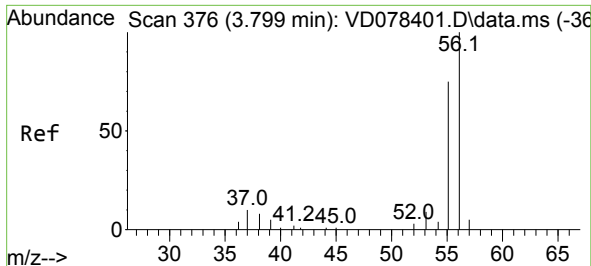
Ion Ratio Lower Upper

96 100

61 144.3 100.6 150.8

98 52.7 50.2 75.2

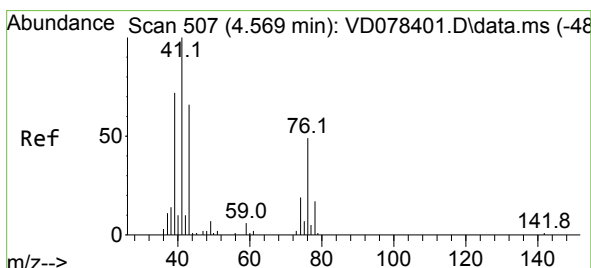
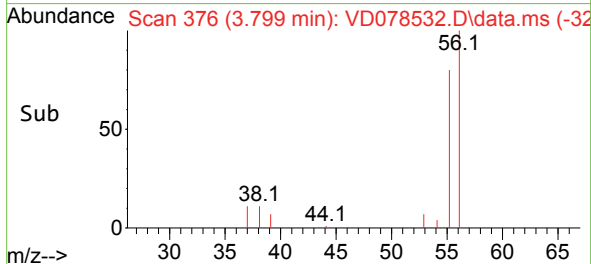
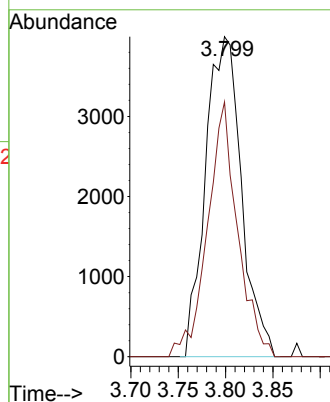
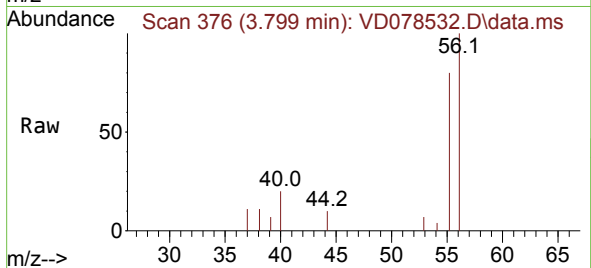




#13
Acrolein
Concen: 87.484 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

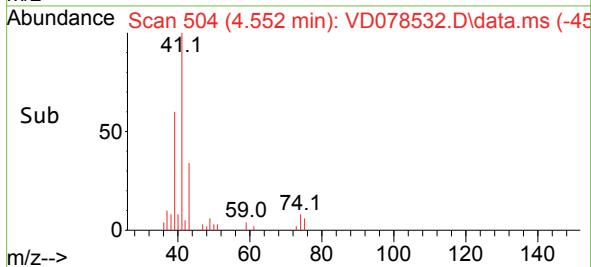
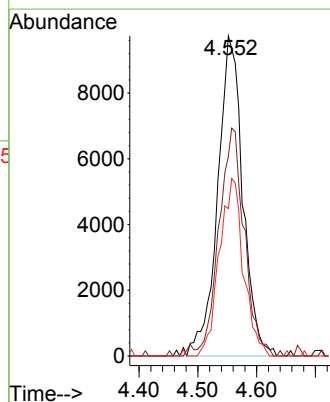
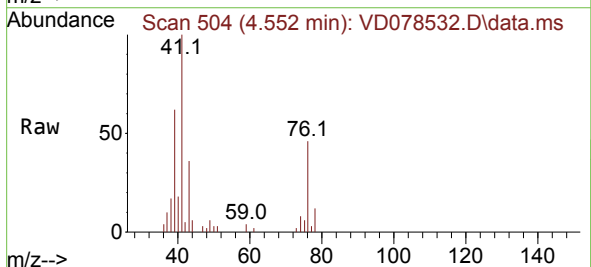
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

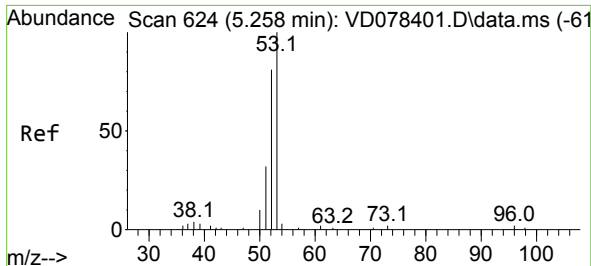
Tgt Ion: 56 Resp: 10515
Ion Ratio Lower Upper
56 100
55 66.6 55.1 82.7



#14
Allyl chloride
Concen: 17.900 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.018 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 41 Resp: 29006
Ion Ratio Lower Upper
41 100
39 71.1 53.8 80.6
76 53.1 45.8 68.8

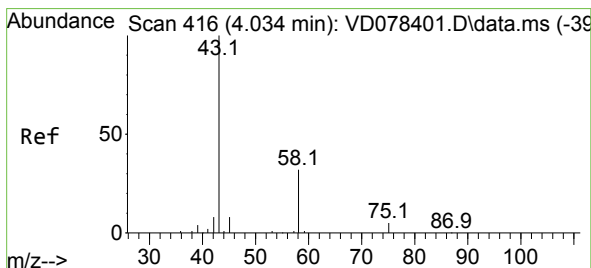
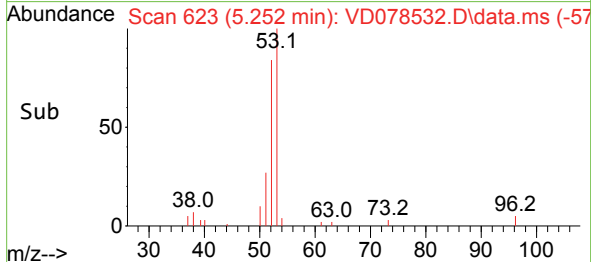
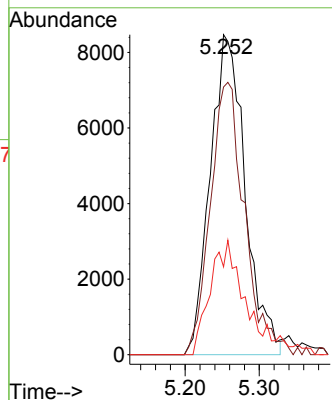
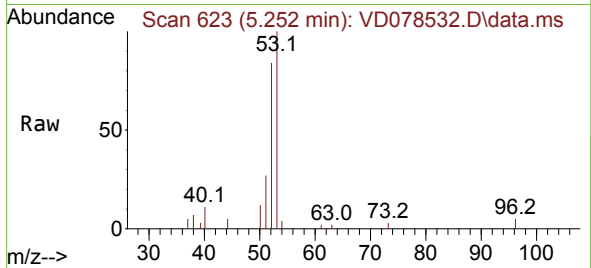




#15
Acrylonitrile
Concen: 100.124 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

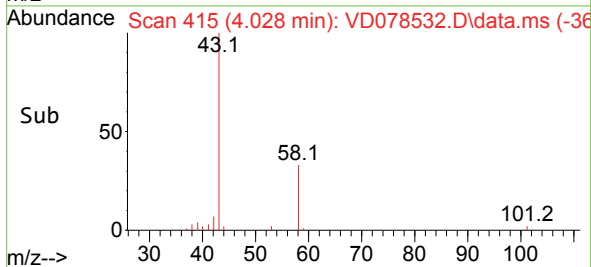
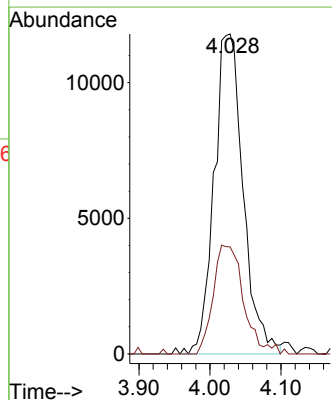
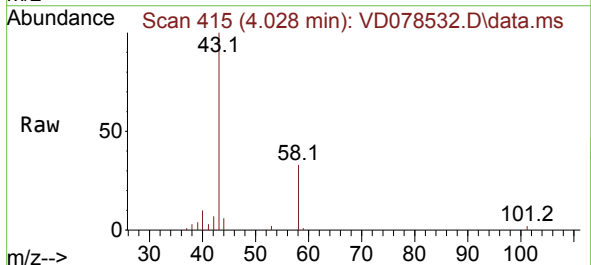
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

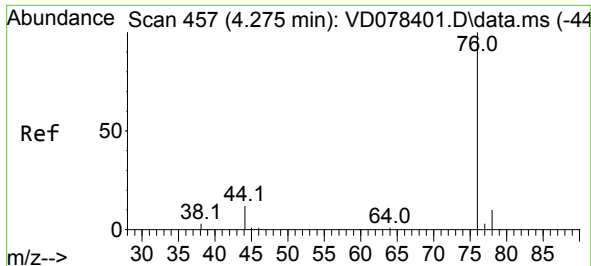
Tgt Ion: 53 Resp: 27688
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.4
51 15.4 28.3 42.5#



#16
Acetone
Concen: 119.021 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 43 Resp: 33425
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#

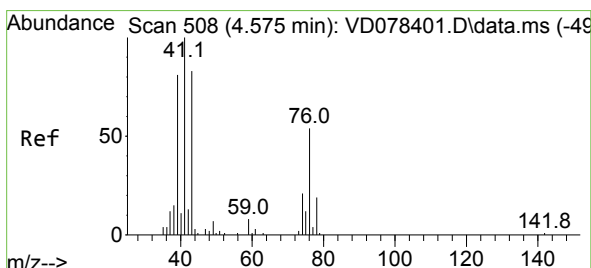
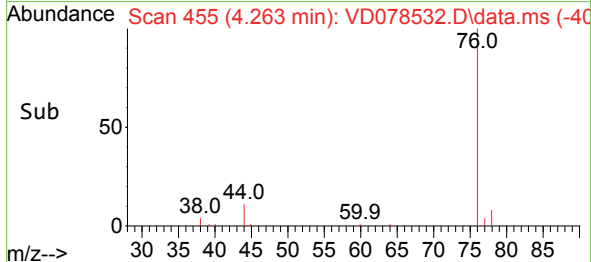
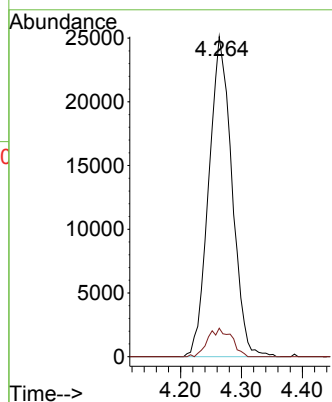
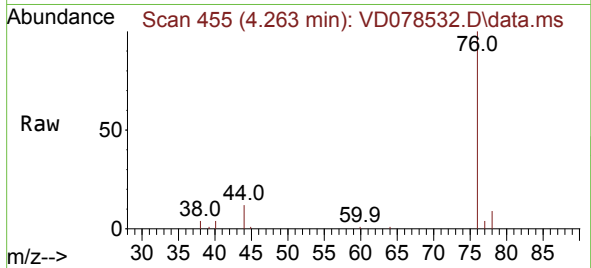




#17
Carbon Disulfide
Concen: 15.001 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

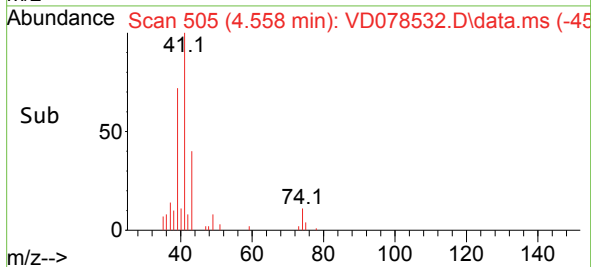
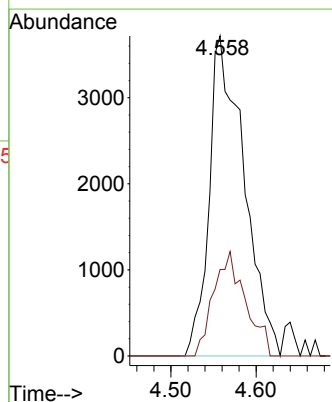
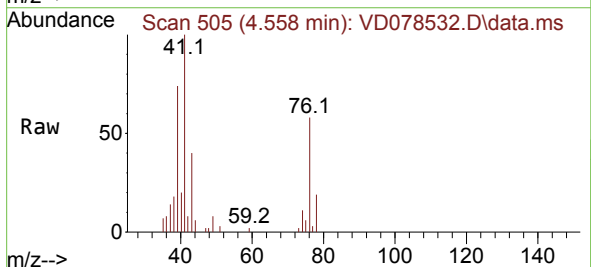
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

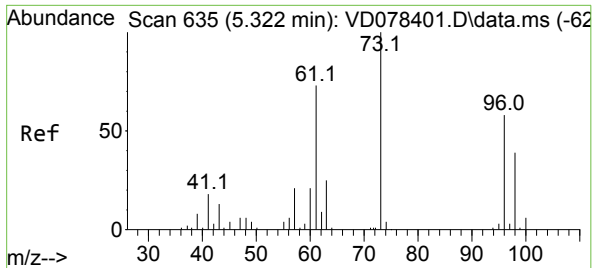
Tgt Ion: 76 Resp: 66211
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 14.432 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.017 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 43 Resp: 10533
Ion Ratio Lower Upper
43 100
74 29.9 26.4 39.6

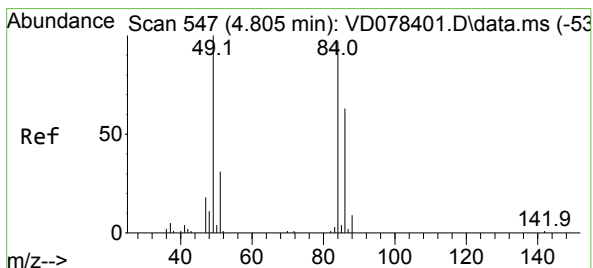
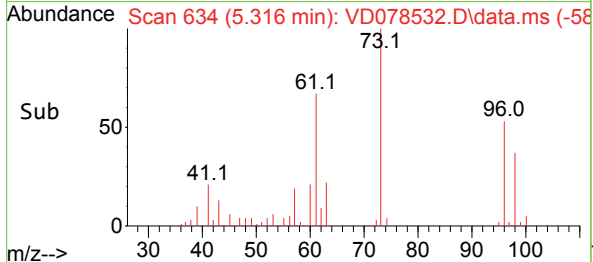
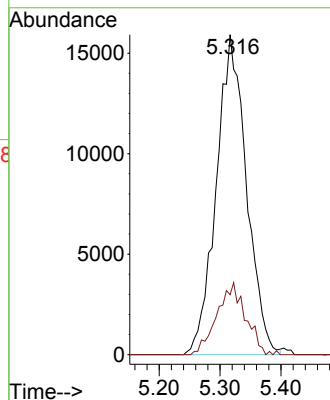
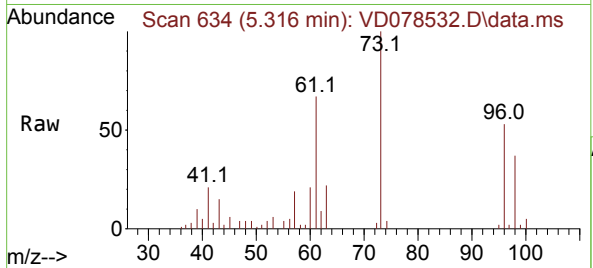




#19
Methyl tert-butyl Ether
Concen: 19.720 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

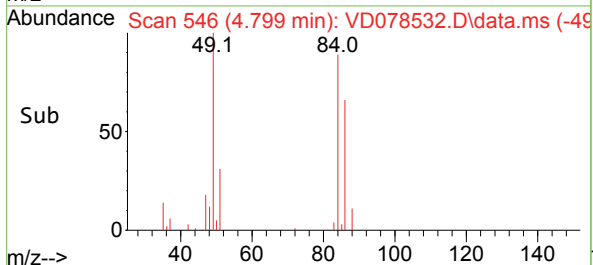
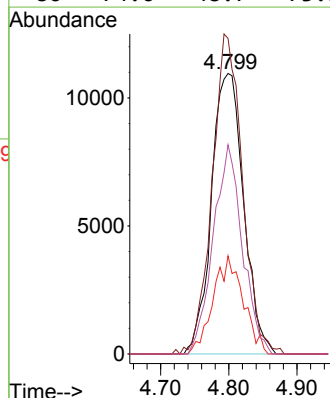
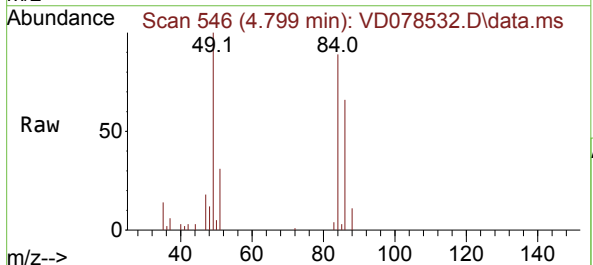
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Tgt Ion: 73 Resp: 54957
Ion Ratio Lower Upper
73 100
57 18.8 16.6 25.0



#20
Methylene Chloride
Concen: 22.706 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 84 Resp: 35950
Ion Ratio Lower Upper
84 100
49 112.5 71.4 107.2#
51 35.0 24.5 36.7
86 74.6 48.7 73.1#

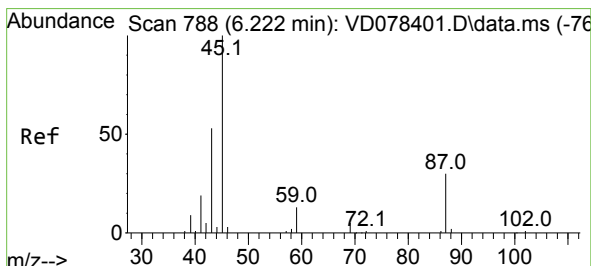
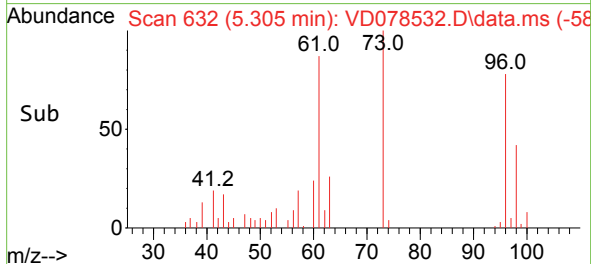
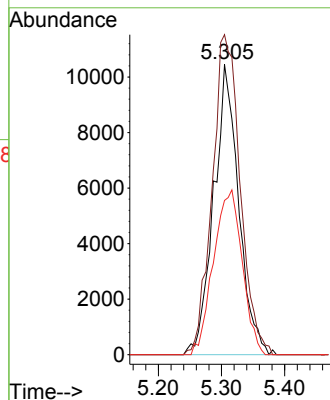
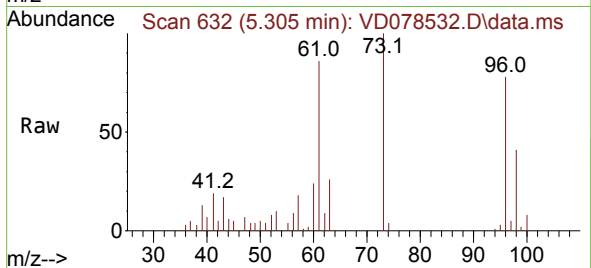




#21
trans-1,2-Dichloroethene
Concen: 18.611 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

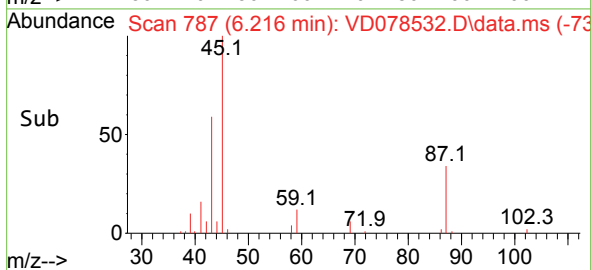
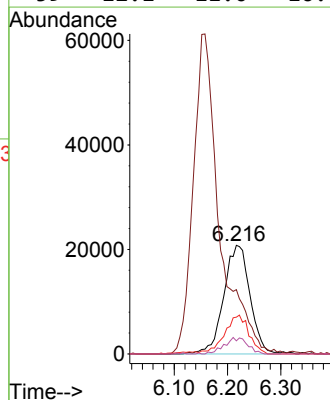
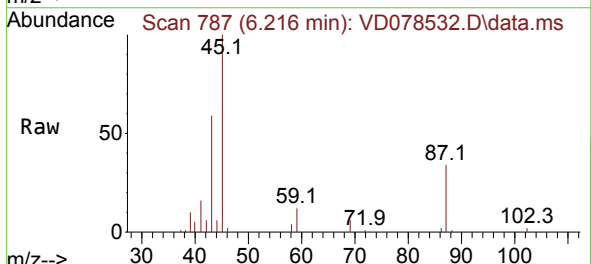
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

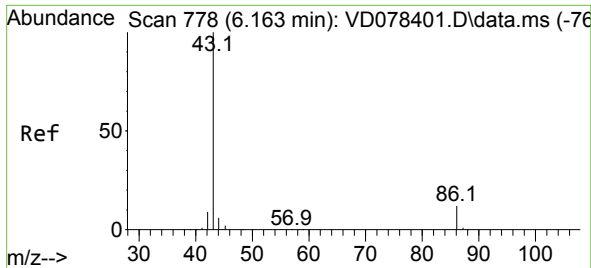
Tgt Ion: 96 Resp: 28720
Ion Ratio Lower Upper
96 100
61 110.2 89.3 133.9
98 53.1 48.6 73.0



#22
Diisopropyl ether
Concen: 19.887 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 45 Resp: 71031
Ion Ratio Lower Upper
45 100
43 56.6 40.0 60.0
87 33.9 28.2 42.4
59 12.1 11.0 16.4

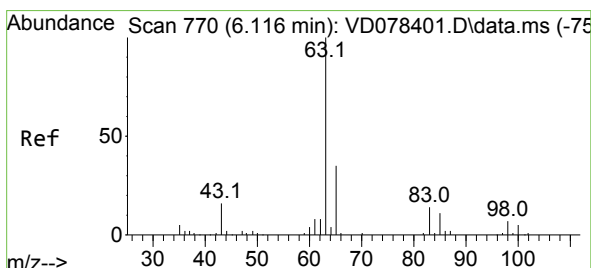
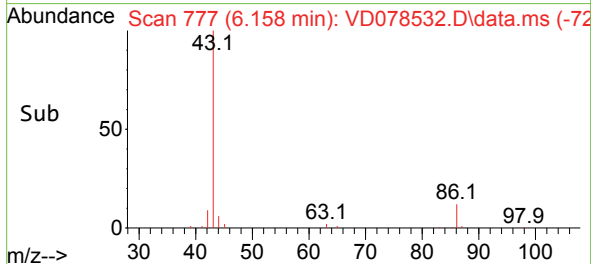
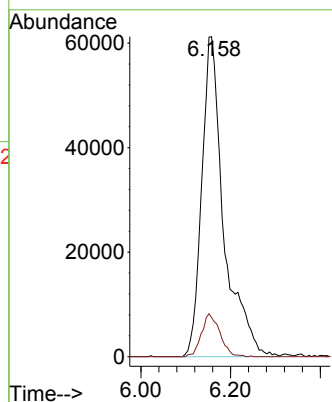
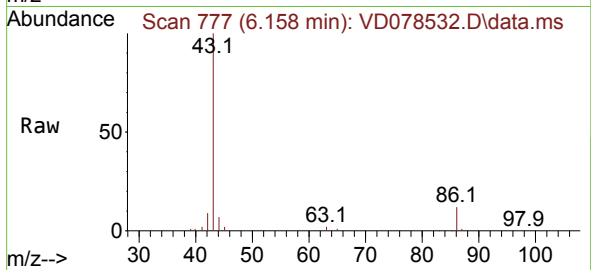




#23
 Vinyl Acetate
 Concen: 136.614 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

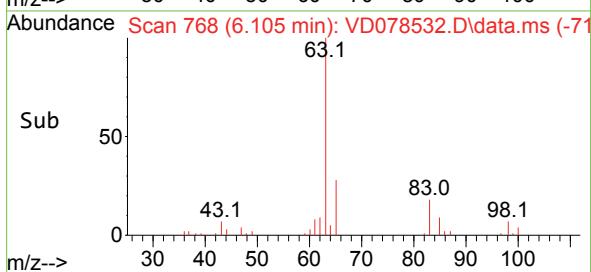
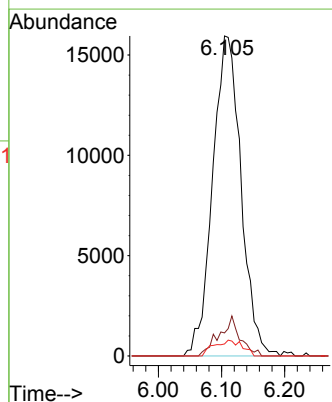
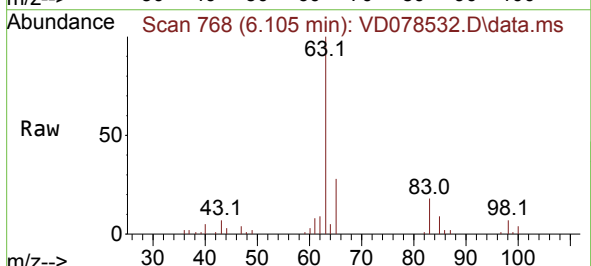
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBSD01

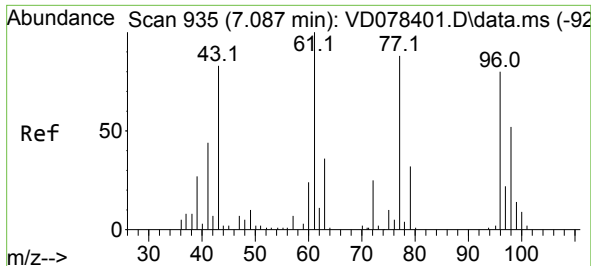
Tgt Ion: 43 Resp: 209287
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.654 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

Tgt Ion: 63 Resp: 49728
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 3.8 2.5 7.5





#25

2-Butanone

Concen: 114.163 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

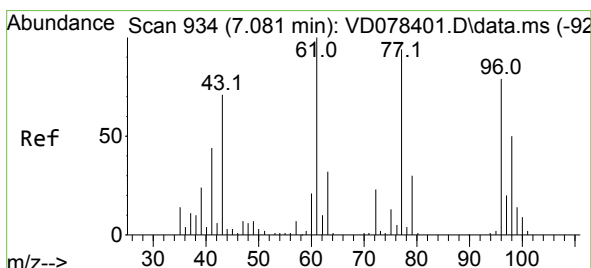
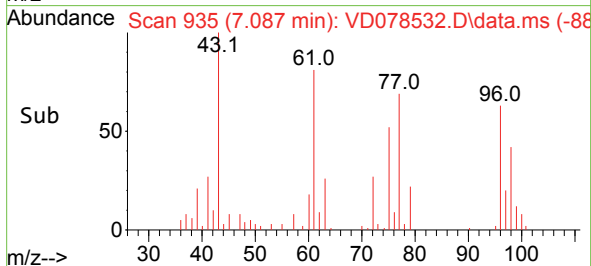
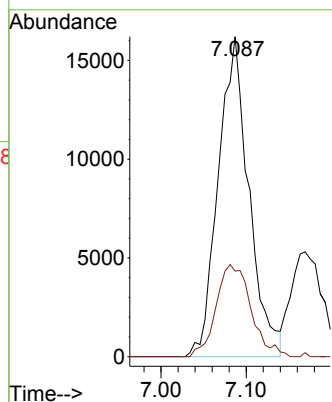
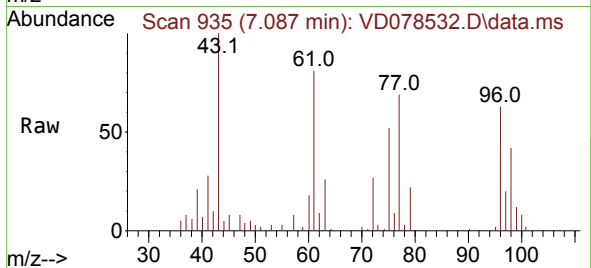
VD0223SBS01

Tgt Ion: 43 Resp: 40444

Ion Ratio Lower Upper

43 100

72 26.8 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.780 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD078532.D

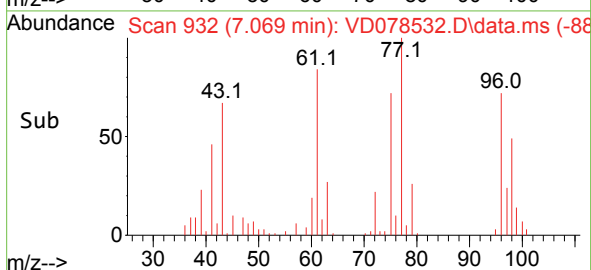
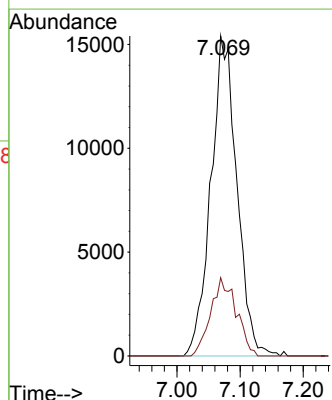
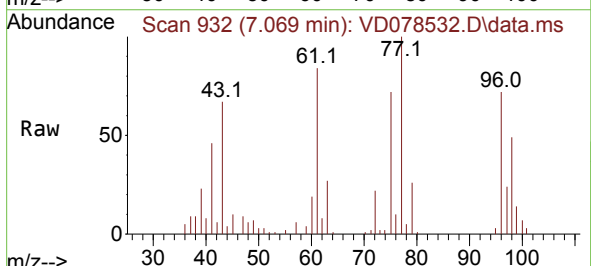
Acq: 23 Feb 2024 13:15

Tgt Ion: 77 Resp: 44076

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6

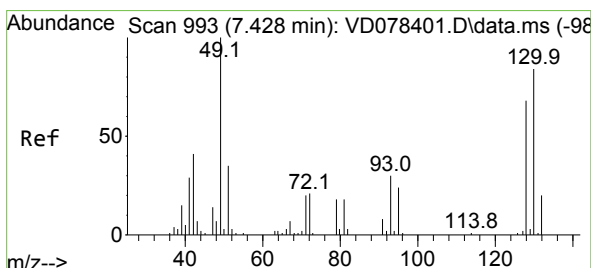
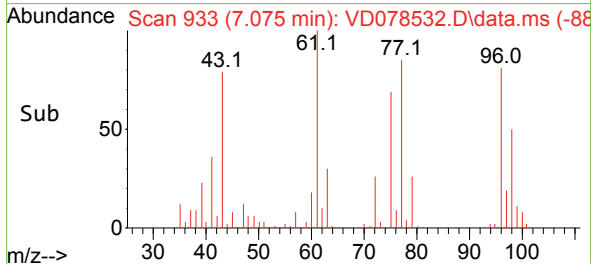
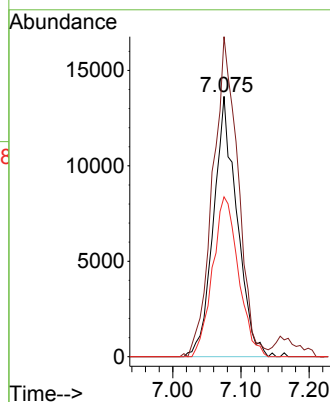
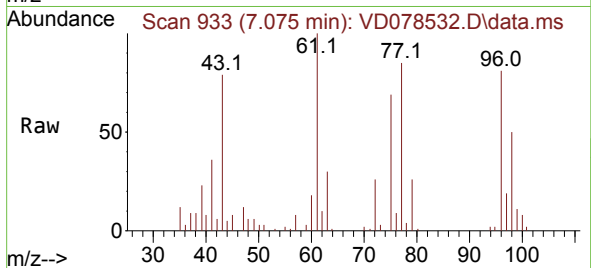




#27
 cis-1,2-Dichloroethene
 Concen: 19.329 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

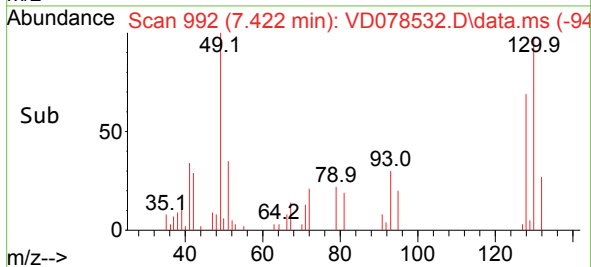
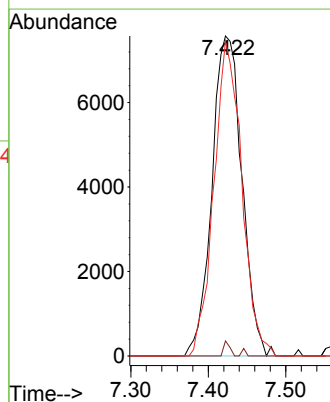
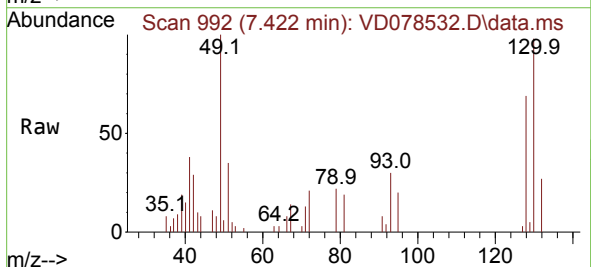
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBSD01

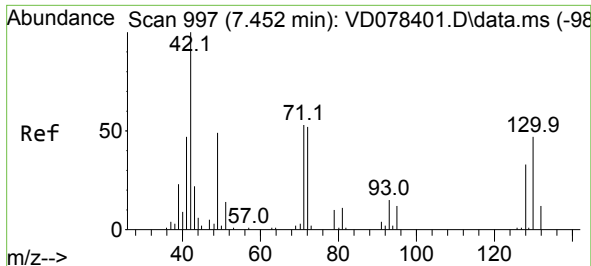
Tgt Ion: 96	Resp: 32725
Ion Ratio	Lower Upper
96 100	
61 132.6	0.0 239.2
98 67.6	0.0 128.6



#28
 Bromochloromethane
 Concen: 20.325 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

Tgt Ion: 49	Resp: 20369
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 6.0
130 91.6	83.2 124.8





#29

Tetrahydrofuran

Concen: 100.643 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

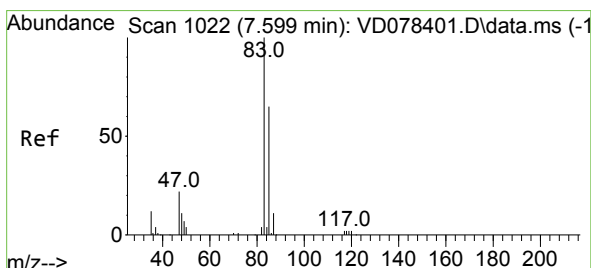
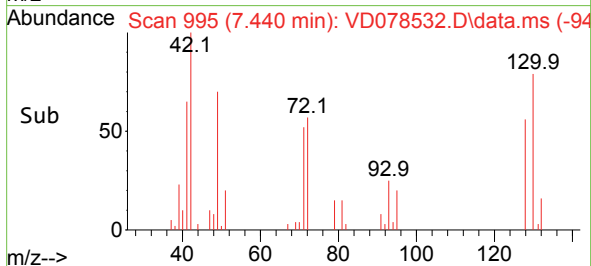
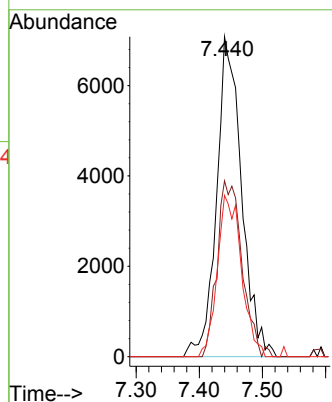
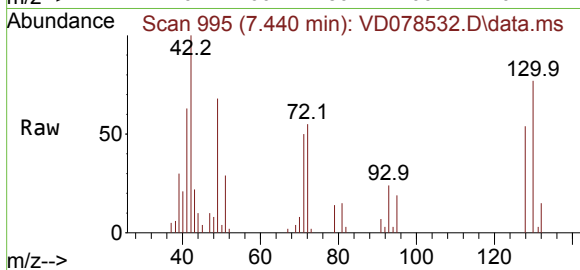
Tgt Ion: 42 Resp: 19473

Ion Ratio Lower Upper

42 100

72 54.1 46.5 69.7

71 48.6 44.5 66.7



#30

Chloroform

Concen: 20.330 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078532.D

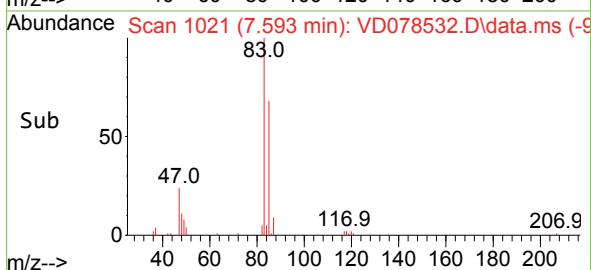
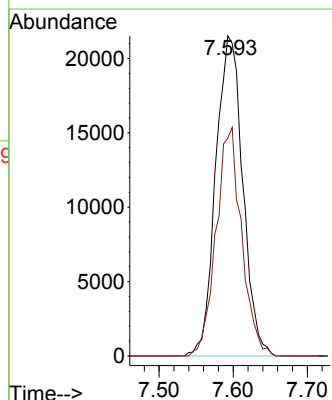
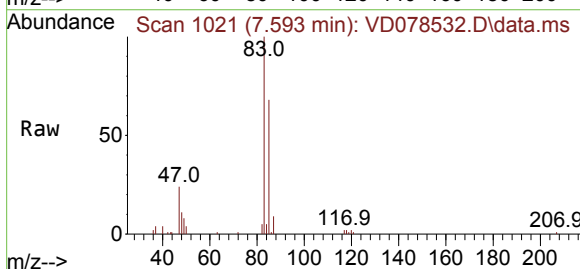
Acq: 23 Feb 2024 13:15

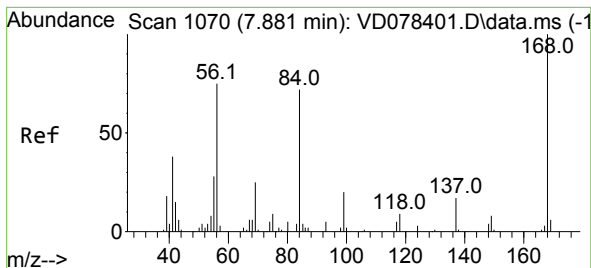
Tgt Ion: 83 Resp: 54423

Ion Ratio Lower Upper

83 100

85 68.1 53.4 80.2





#31

Cyclohexane

Concen: 17.513 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

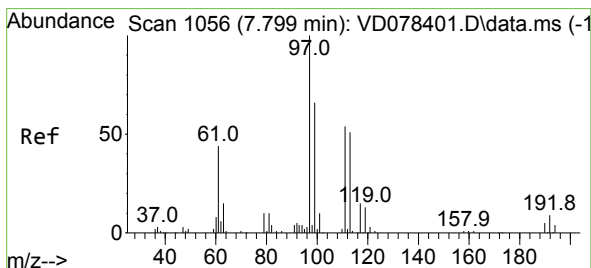
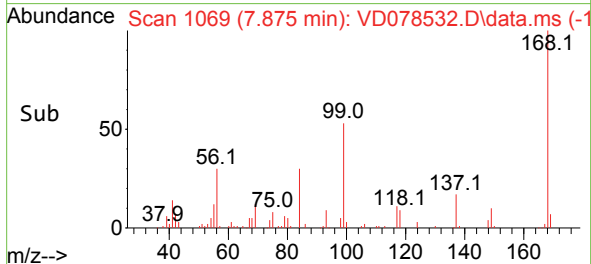
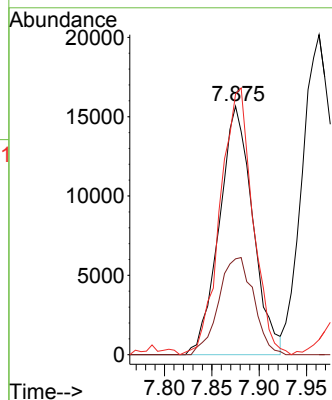
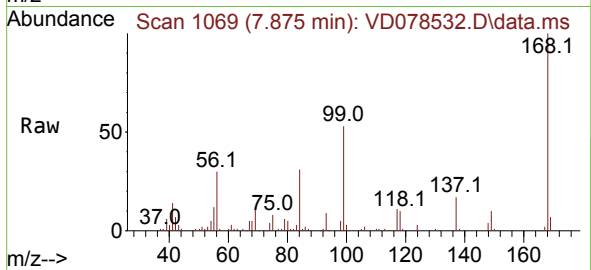
Tgt Ion: 56 Resp: 38544

Ion Ratio Lower Upper

56 100

69 38.6 28.6 43.0

84 104.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.573 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

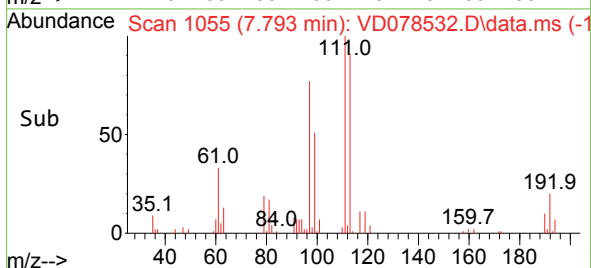
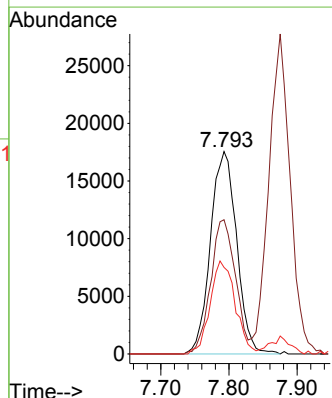
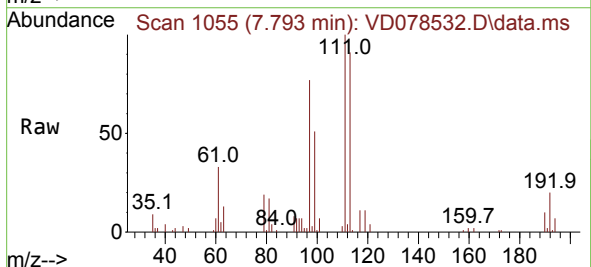
Tgt Ion: 97 Resp: 46956

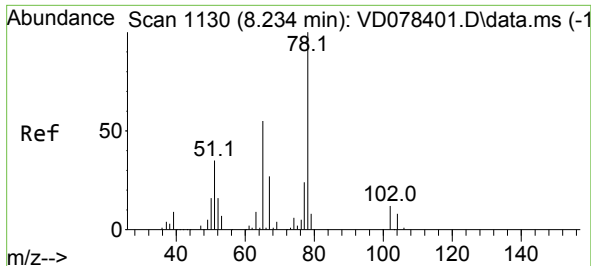
Ion Ratio Lower Upper

97 100

99 62.7 52.0 78.0

61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.410 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

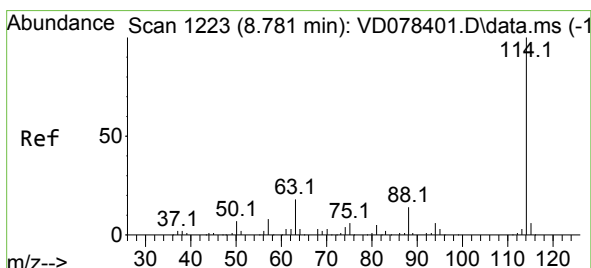
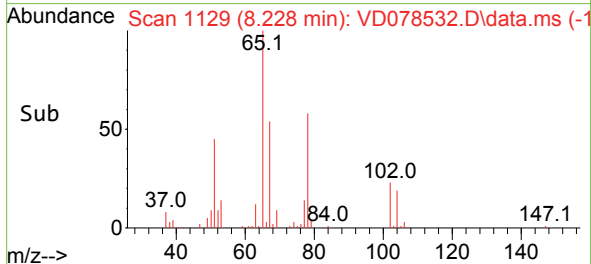
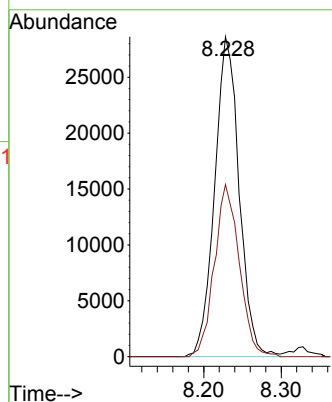
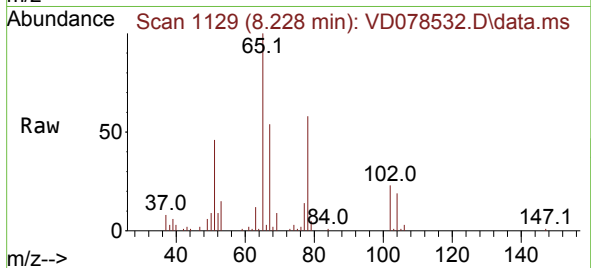
VD0223SBSD01

Tgt Ion: 65 Resp: 62984

Ion Ratio Lower Upper

65 100

67 54.7 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: VD078532.D

Acq: 23 Feb 2024 13:15

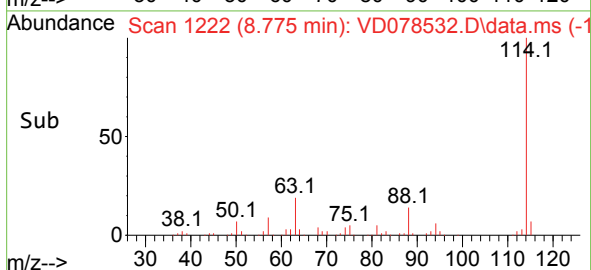
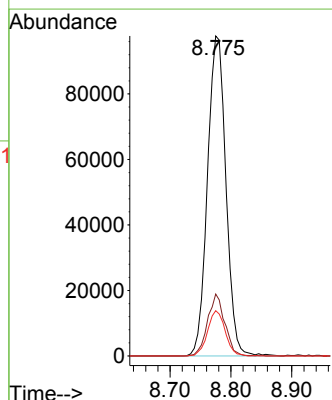
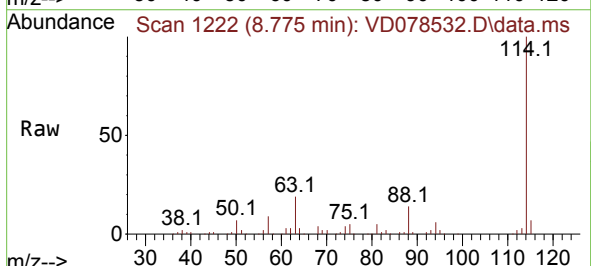
Tgt Ion:114 Resp: 205931

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.512 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

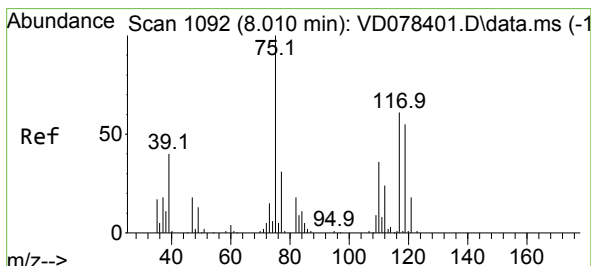
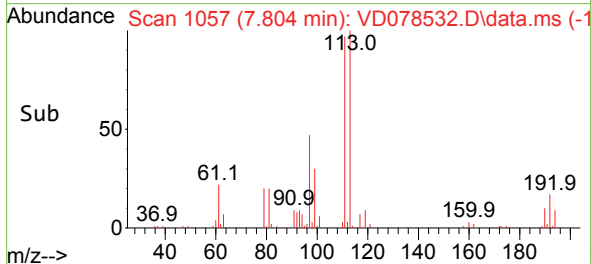
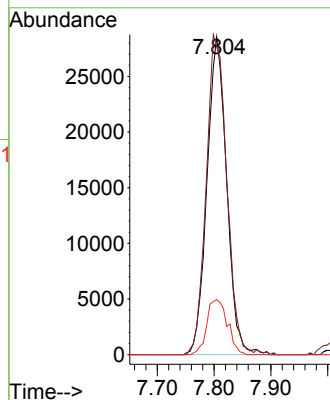
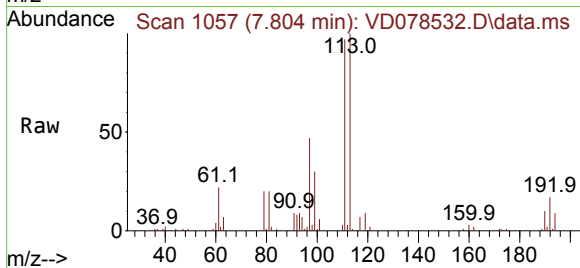
Tgt Ion:113 Resp: 68692

Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.599 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

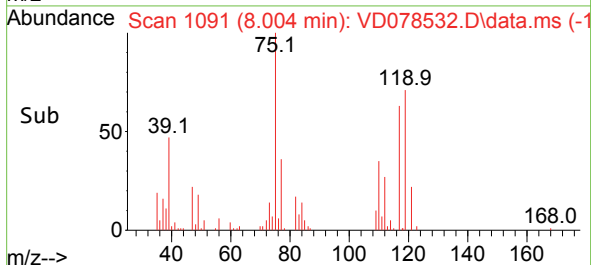
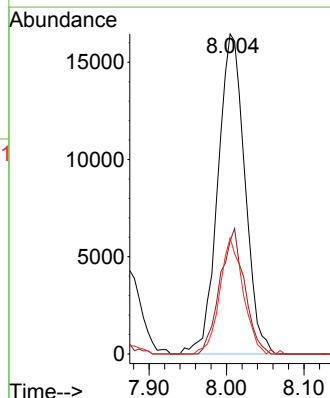
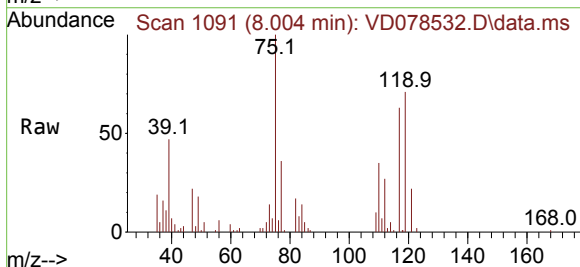
Tgt Ion: 75 Resp: 39827

Ion Ratio Lower Upper

75 100

110 35.6 19.9 59.6

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 19.280 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

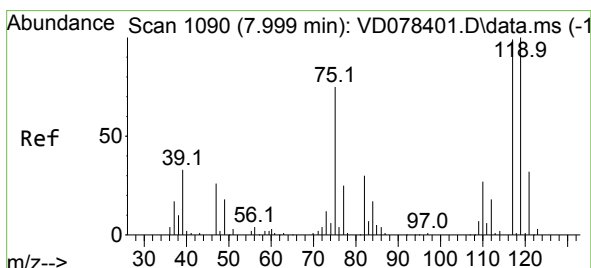
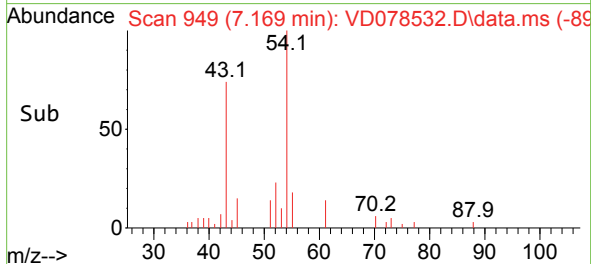
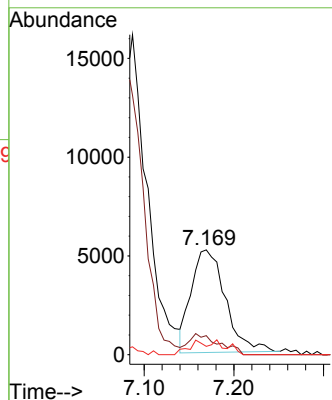
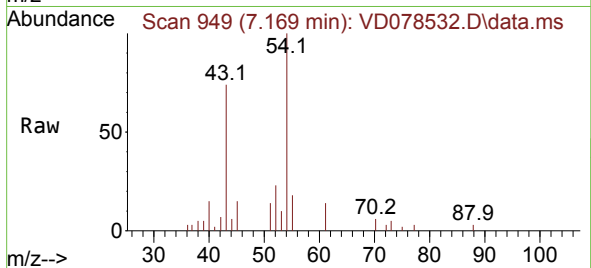
Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

Tgt Ion:	43	Resp:	13734
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.9	22.3
70	6.7	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.145 ug/l

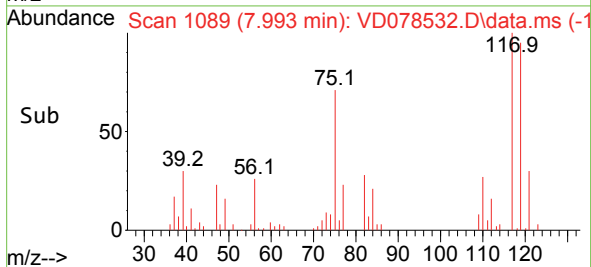
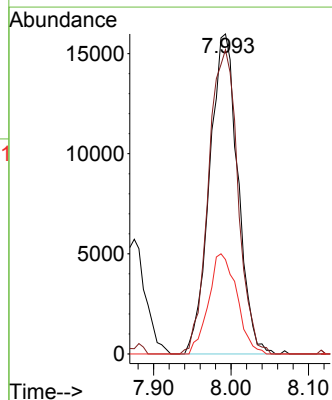
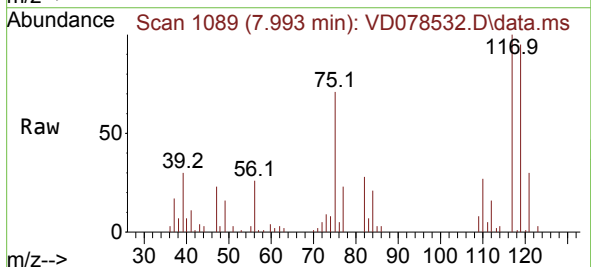
RT: 7.993 min Scan# 1089

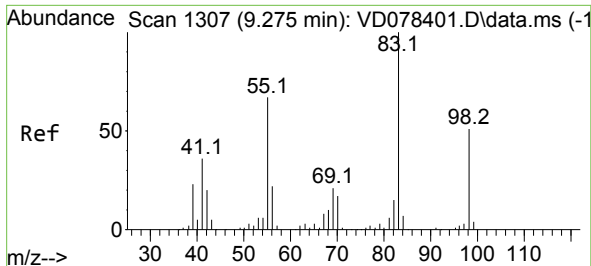
Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Tgt Ion:	117	Resp:	40542
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
121	29.5	24.2	36.2

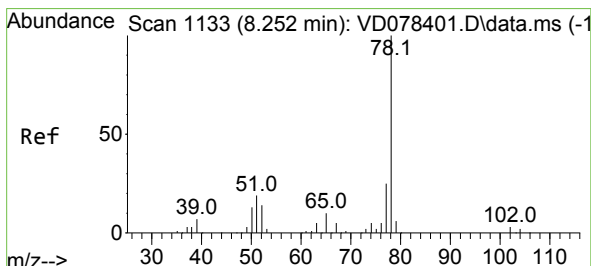
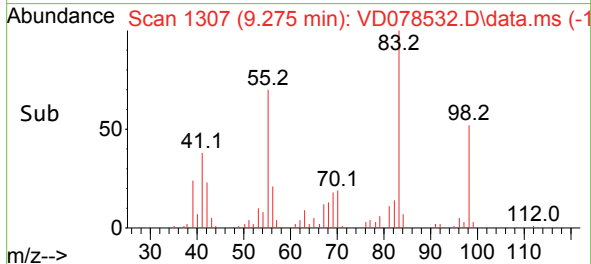
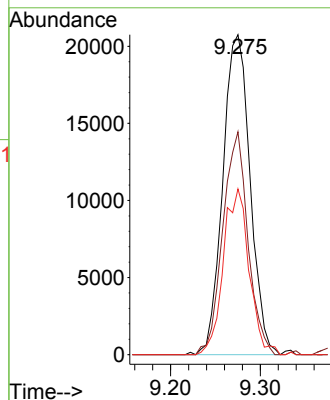
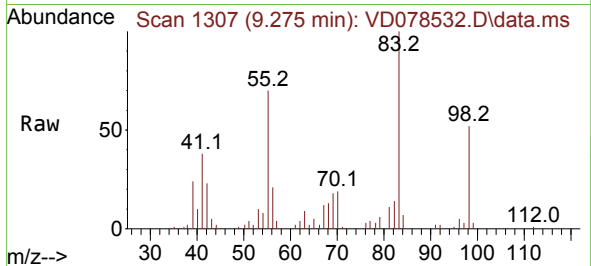




#39
Methylcyclohexane
Concen: 18.152 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

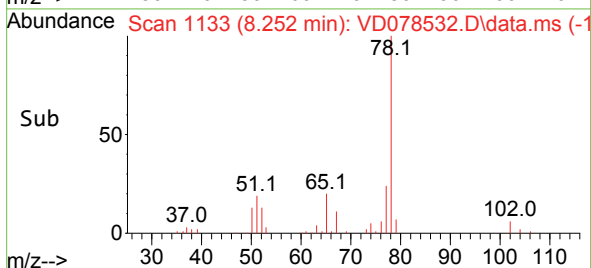
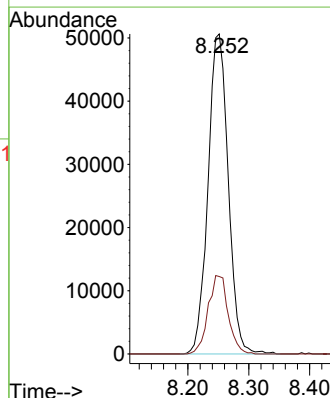
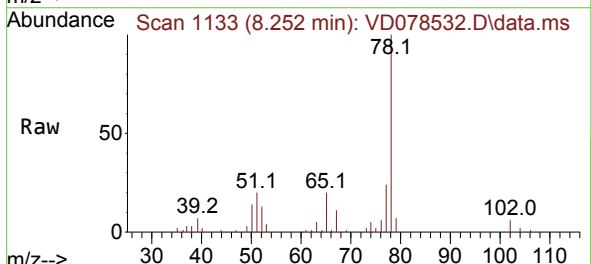
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Tgt Ion: 83 Resp: 43792
Ion Ratio Lower Upper
83 100
55 69.7 49.4 74.0
98 51.8 38.4 57.6



#40
Benzene
Concen: 19.891 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 78 Resp: 116837
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

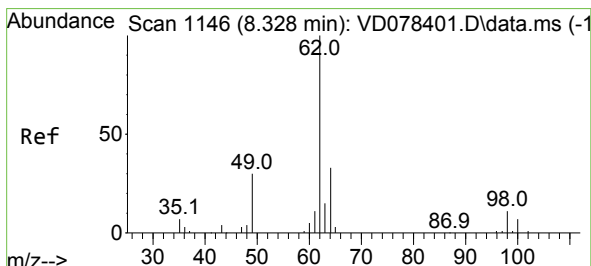
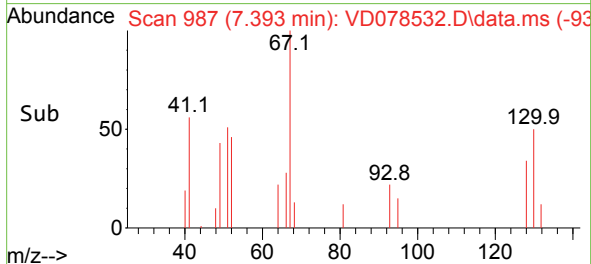
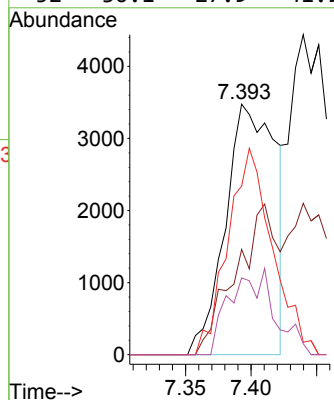
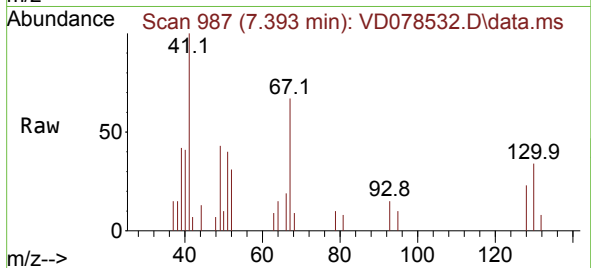




#41
Methacrylonitrile
Concen: 24.967 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

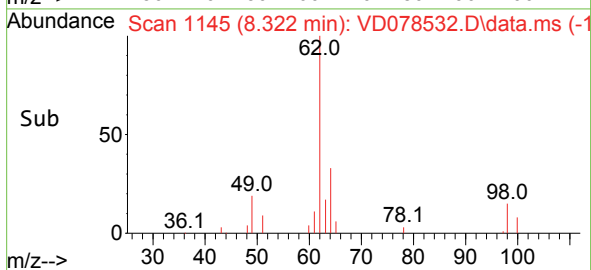
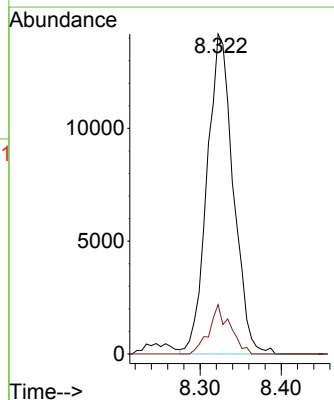
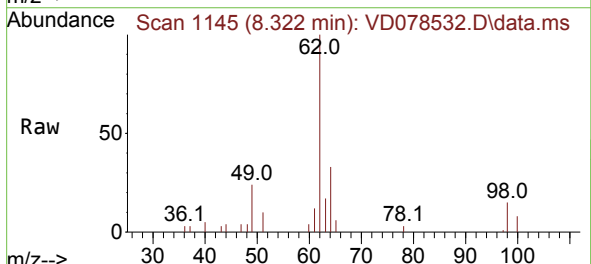
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

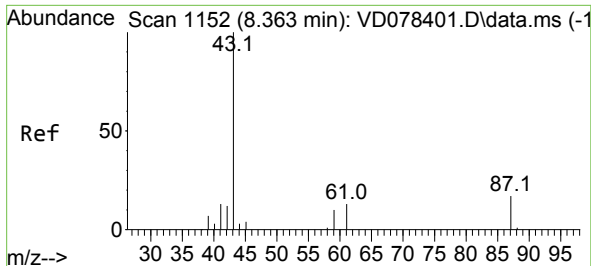
Tgt Ion: 41	Resp: 9256
Ion Ratio	Lower Upper
41 100	
39 49.8	34.0 51.0
67 73.1	77.0 115.4#
52 30.1	27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.966 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 62	Resp: 31864
Ion Ratio	Lower Upper
62 100	
98 12.3	0.0 25.4

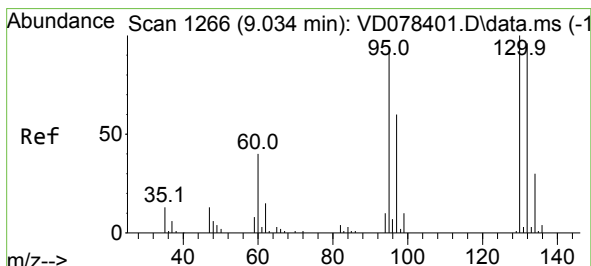
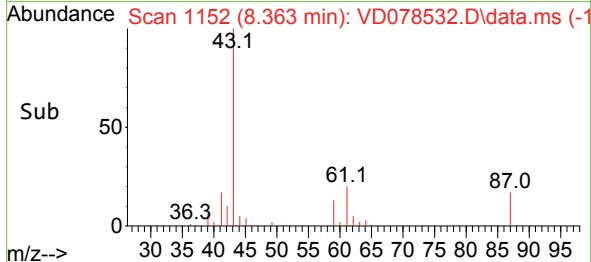
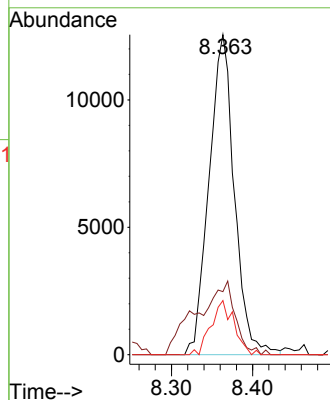
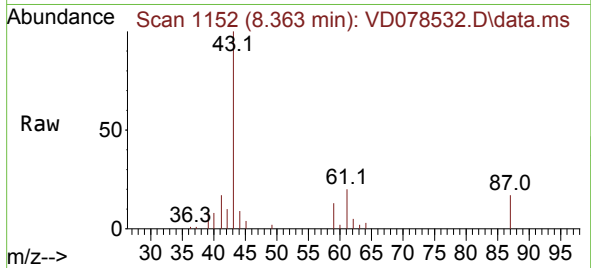




#43
Isopropyl Acetate
Concen: 20.640 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

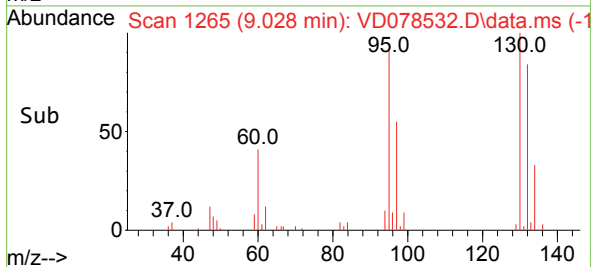
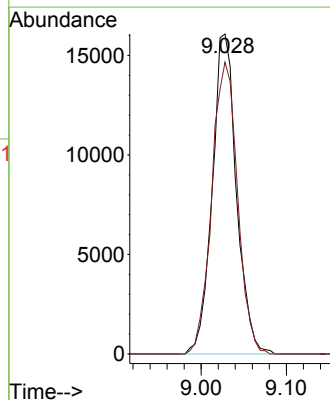
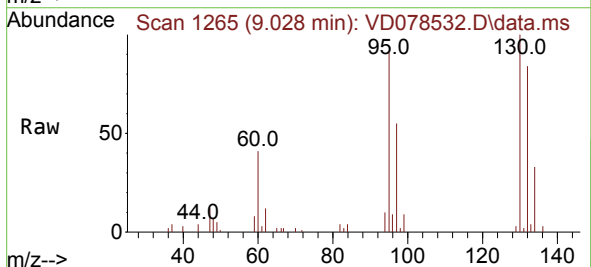
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

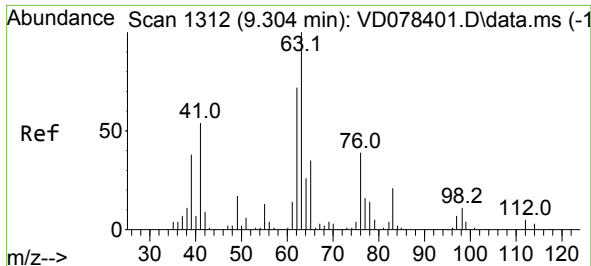
Tgt Ion: 43	Resp: 27226
Ion Ratio	Lower Upper
43	100
61	35.0 31.4 47.0
87	15.3 14.9 22.3



#44
Trichloroethene
Concen: 21.145 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 130	Resp: 31685
Ion Ratio	Lower Upper
130	100
95	91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.238 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

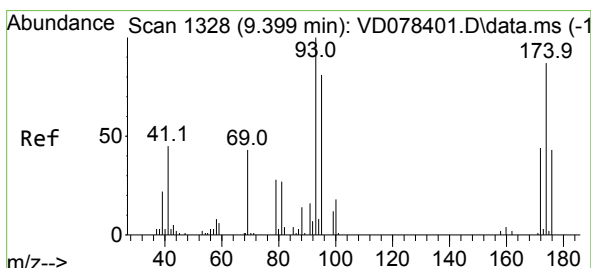
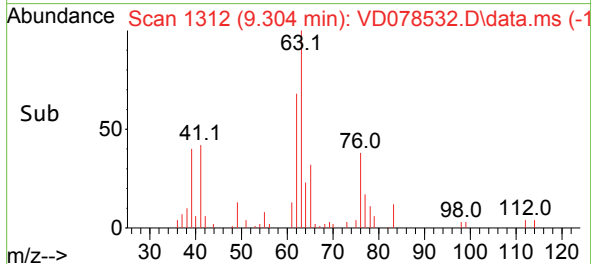
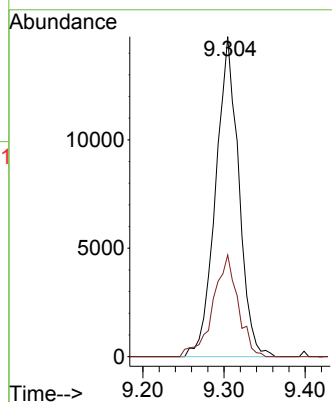
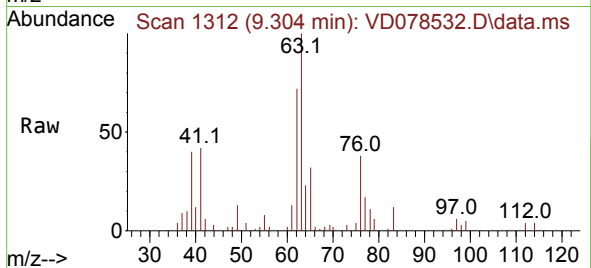
VD0223SBSD01

Tgt Ion: 63 Resp: 29166

Ion Ratio Lower Upper

63 100

65 31.8 24.5 36.7



#46

Dibromomethane

Concen: 20.966 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

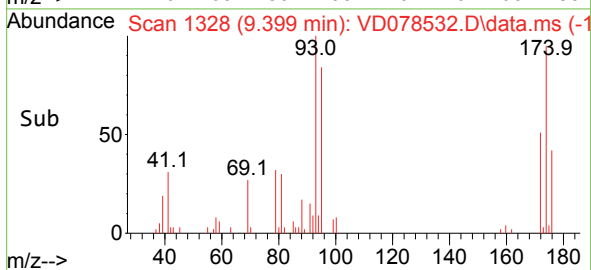
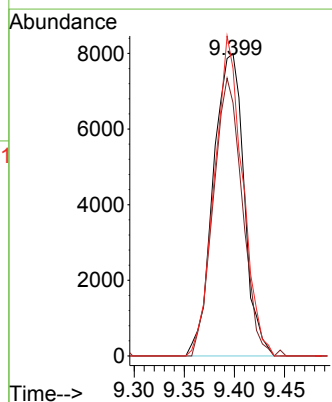
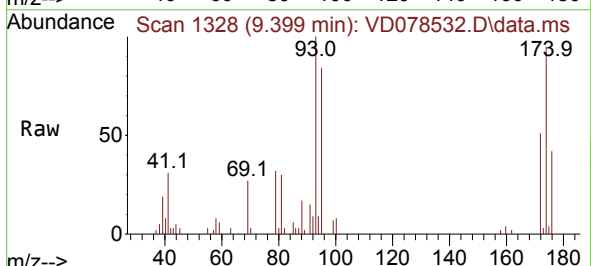
Tgt Ion: 93 Resp: 16995

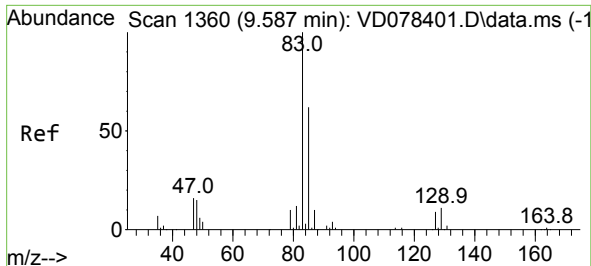
Ion Ratio Lower Upper

93 100

95 86.9 67.7 101.5

174 97.4 85.4 128.2

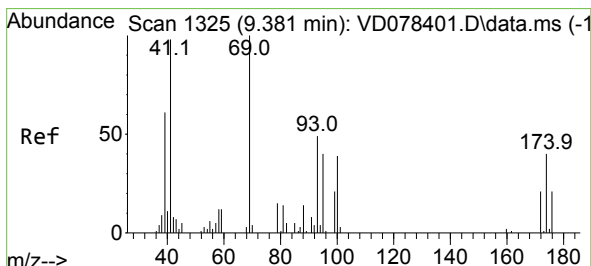
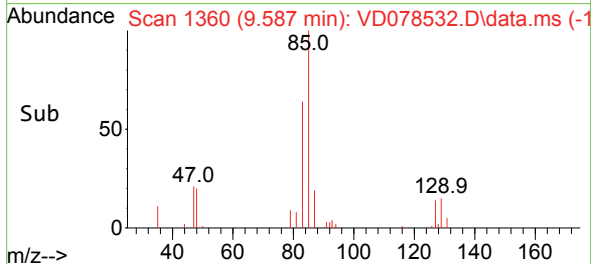
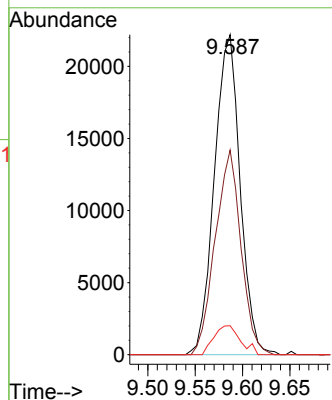
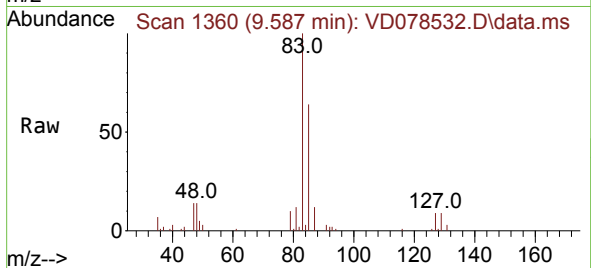




#47
Bromodichloromethane
Concen: 20.914 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

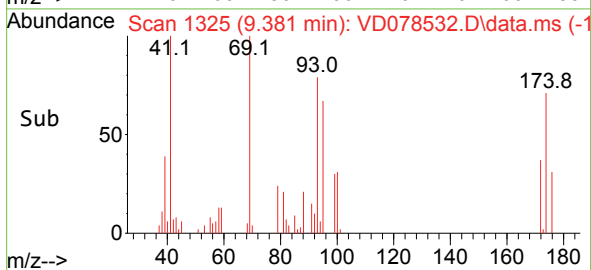
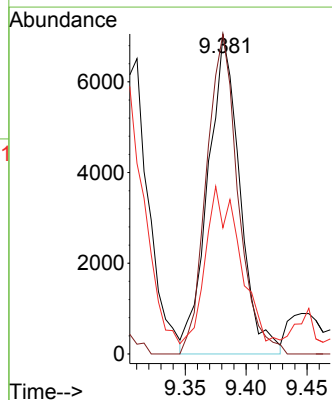
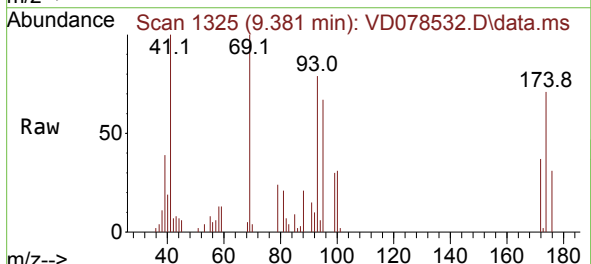
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

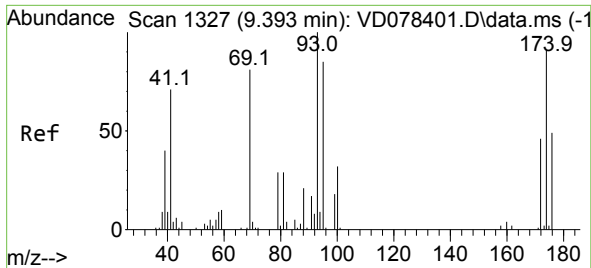
Tgt Ion: 83 Resp: 41990
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 18.296 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 41 Resp: 12804
Ion Ratio Lower Upper
41 100
69 99.5 102.2 153.2#
39 61.1 41.4 62.2





#49

1,4-Dioxane

Concen: 389.475 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBS01

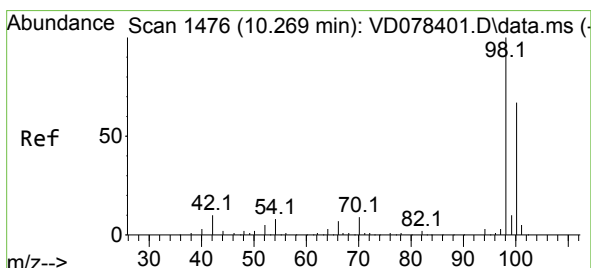
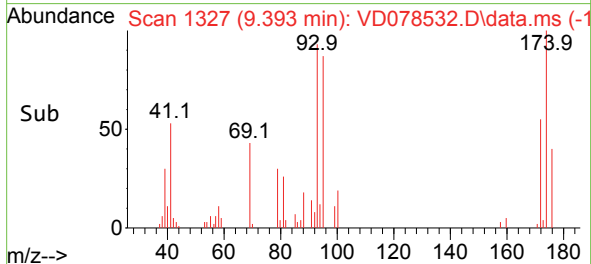
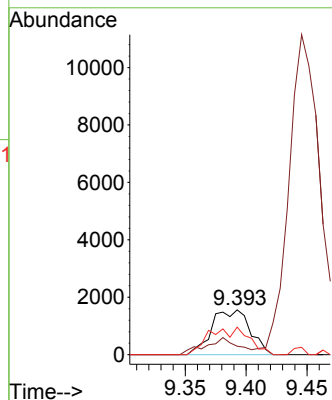
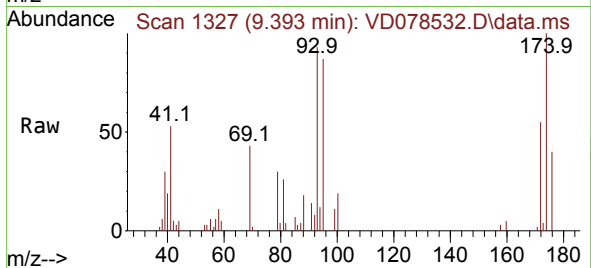
Tgt Ion: 88 Resp: 3419

Ion Ratio Lower Upper

88 100

43 32.0 19.0 28.6#

58 37.1 43.5 65.3#



#50

Toluene-d8

Concen: 50.613 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078532.D

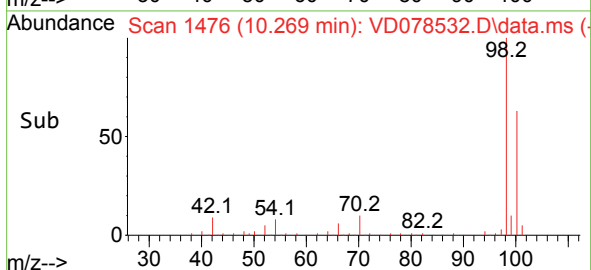
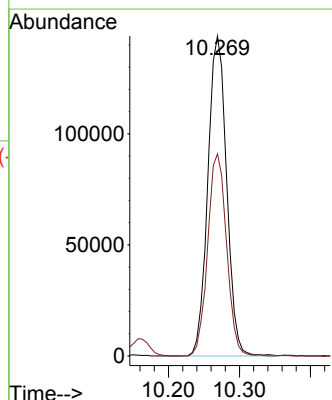
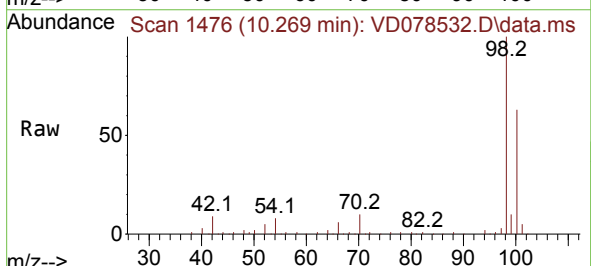
Acq: 23 Feb 2024 13:15

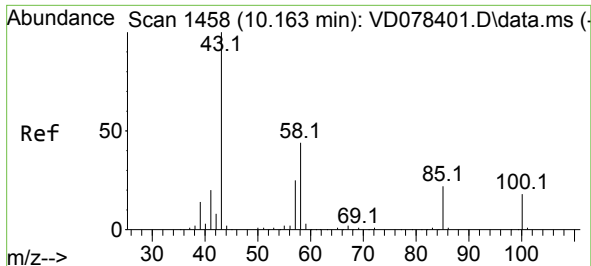
Tgt Ion: 98 Resp: 264848

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

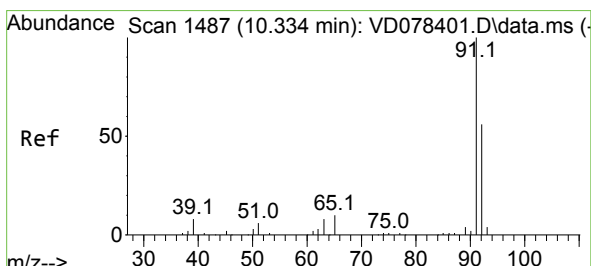
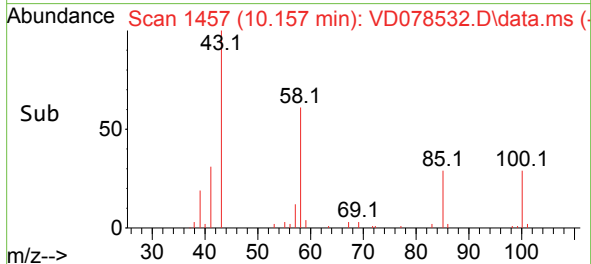
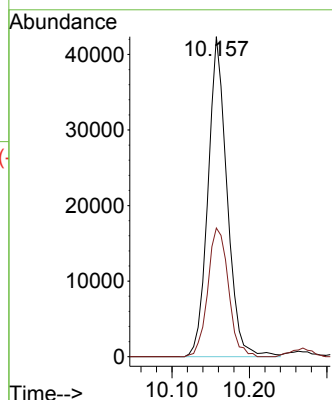
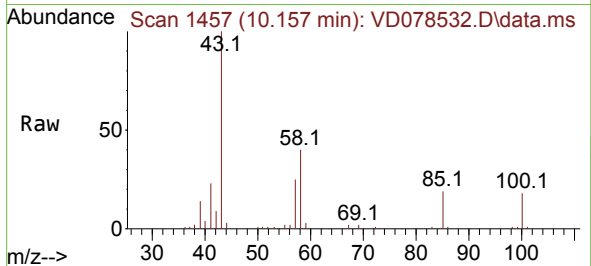




#51
4-Methyl-2-Pentanone
Concen: 103.215 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

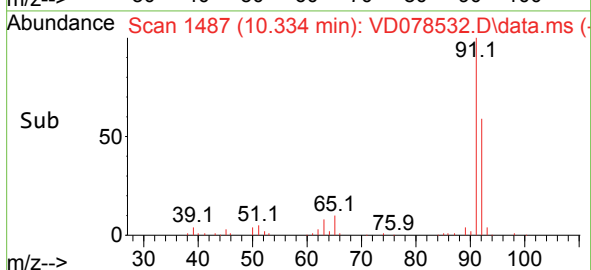
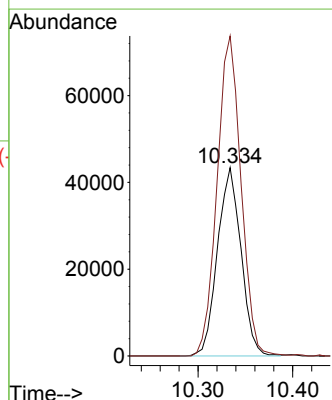
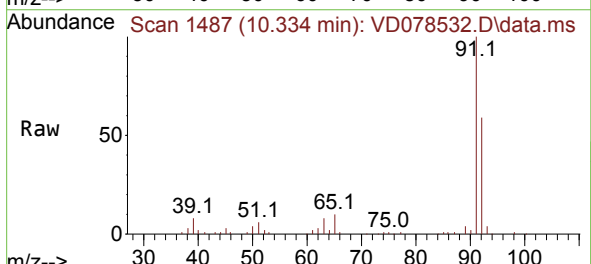
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

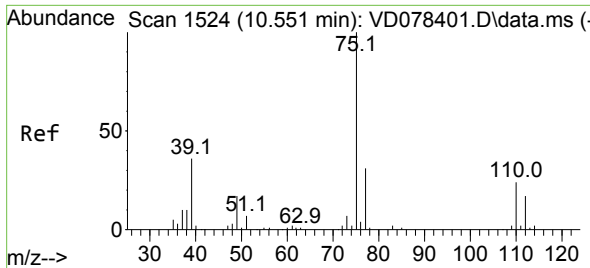
Tgt Ion: 43 Resp: 72262
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 20.197 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 92 Resp: 75022
Ion Ratio Lower Upper
92 100
91 172.6 143.0 214.4

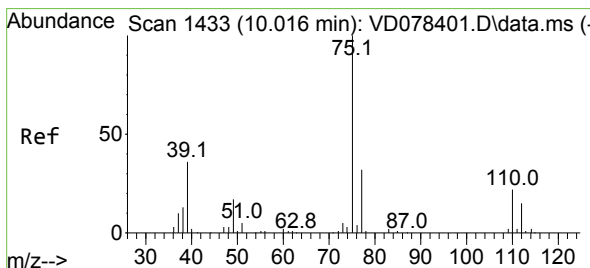
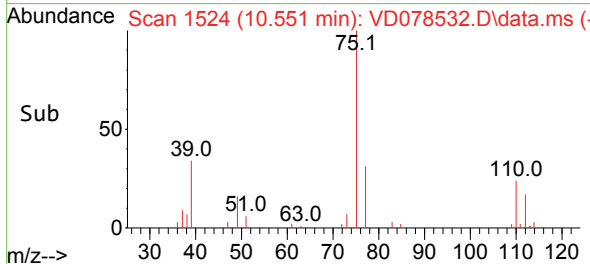
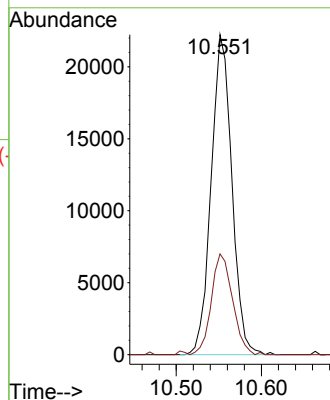
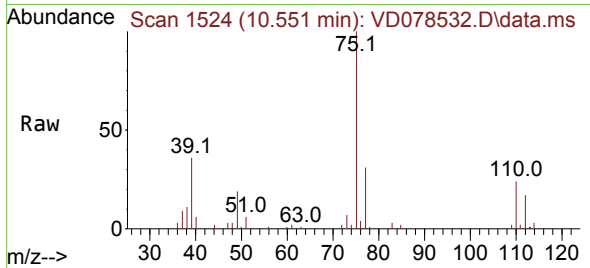




#53
 t-1,3-Dichloropropene
 Concen: 20.498 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

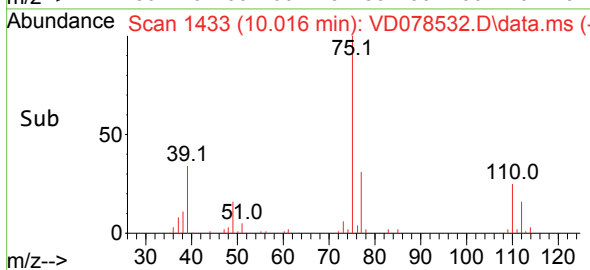
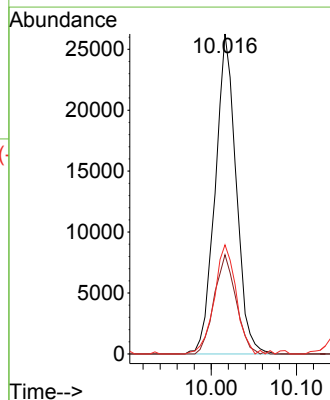
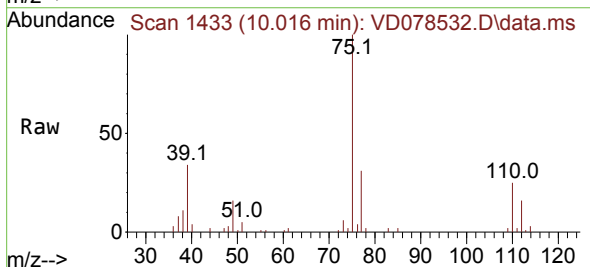
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBSD01

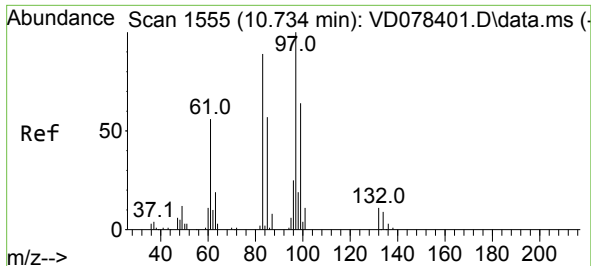
Tgt Ion: 75 Resp: 37553
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.157 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

Tgt Ion: 75 Resp: 44777
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.5 38.3
 39 34.1 22.1 33.1#

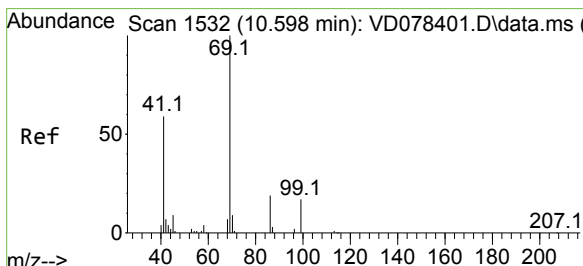
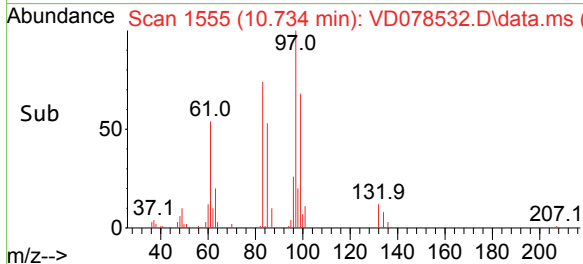
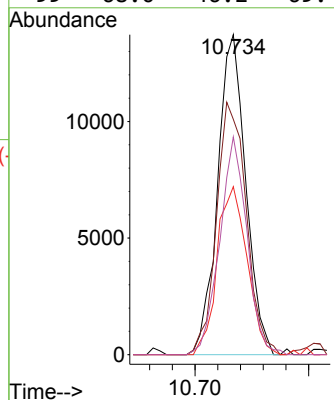
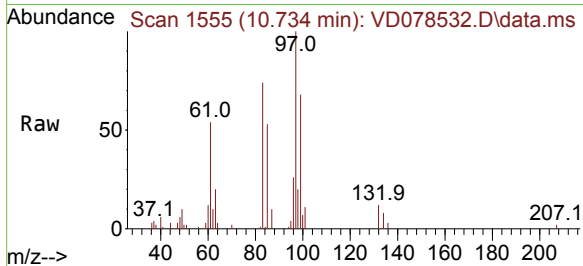




#55
1,1,2-Trichloroethane
Concen: 21.657 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

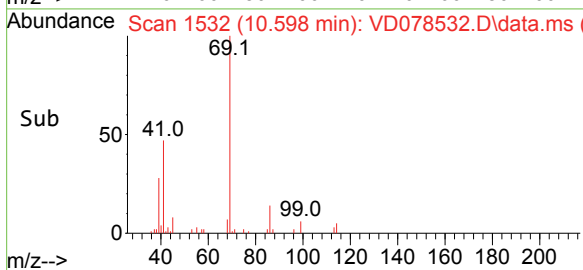
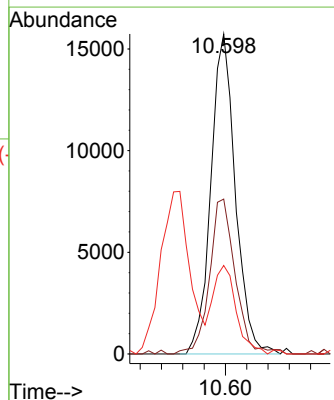
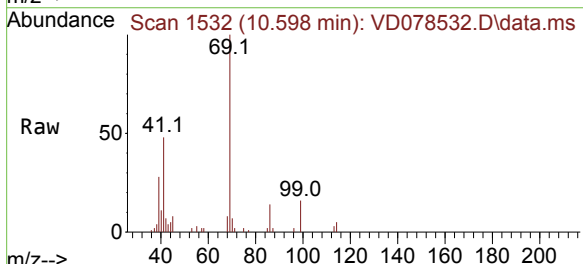
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

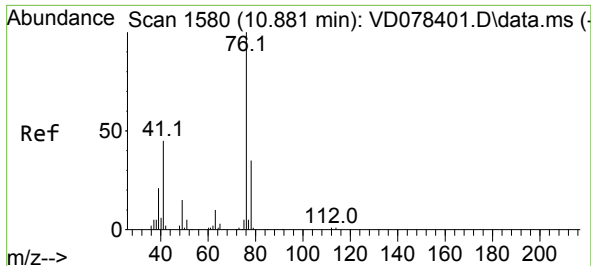
Tgt Ion:	97	Resp:	23641
Ion	Ratio	Lower	Upper
97	100		
83	73.5	65.8	98.6
85	52.5	45.7	68.5
99	68.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 24.894 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:	69	Resp:	25133
Ion	Ratio	Lower	Upper
69	100		
41	50.8	39.1	58.7
39	26.2	20.0	30.0

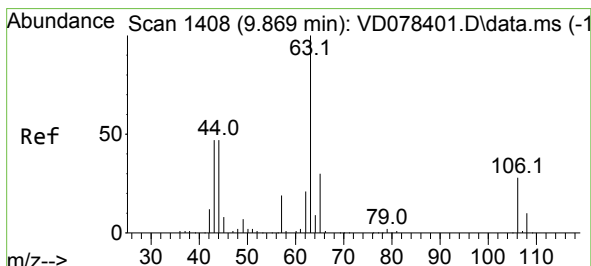
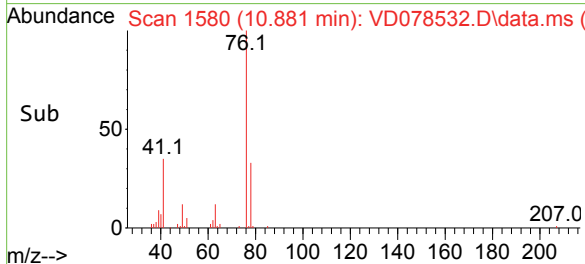
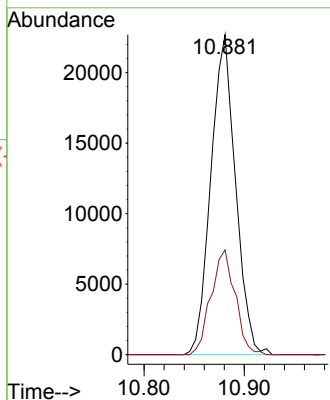
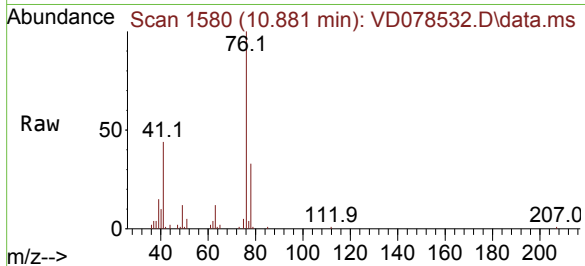




#57
1,3-Dichloropropane
Concen: 20.873 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

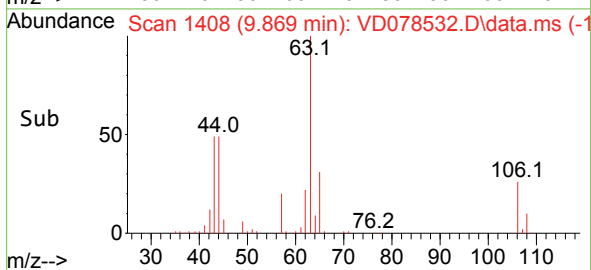
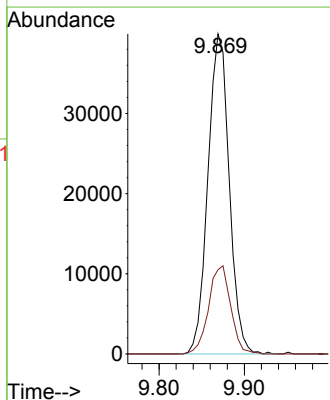
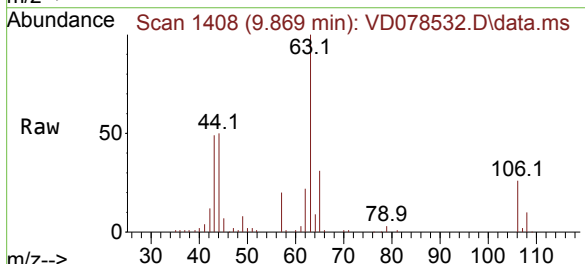
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

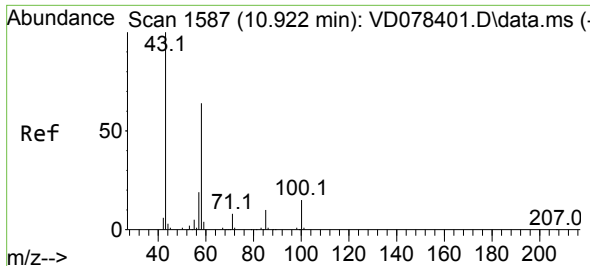
Tgt Ion: 76 Resp: 38759
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 116.417 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 63 Resp: 69233
Ion Ratio Lower Upper
63 100
106 28.6 25.3 37.9

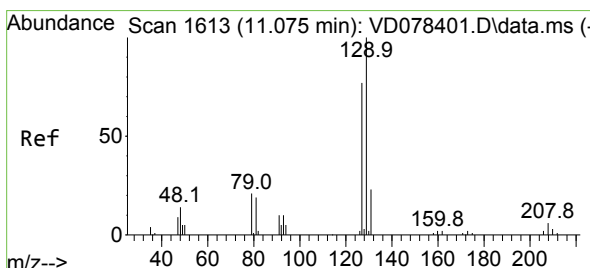
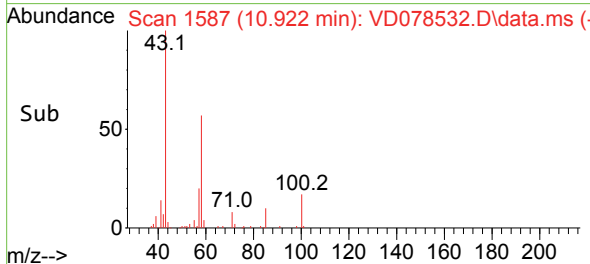
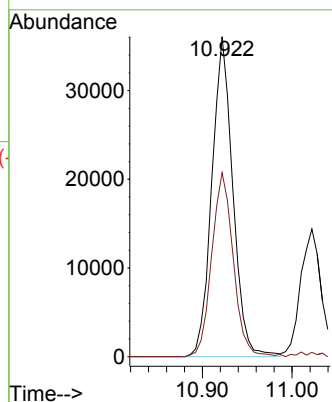
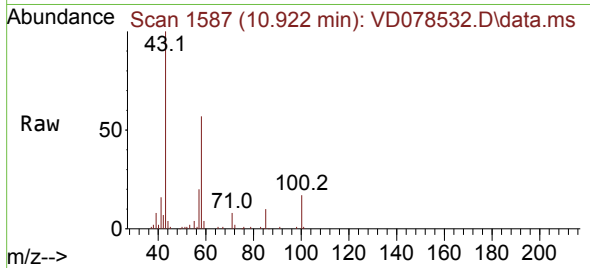




#59
2-Hexanone
Concen: 111.423 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

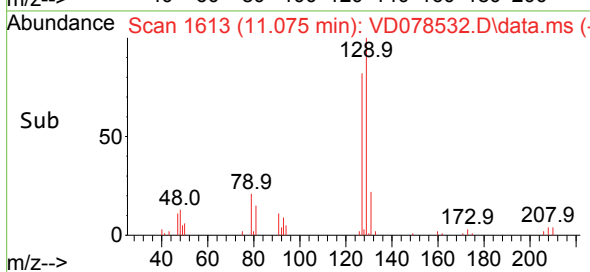
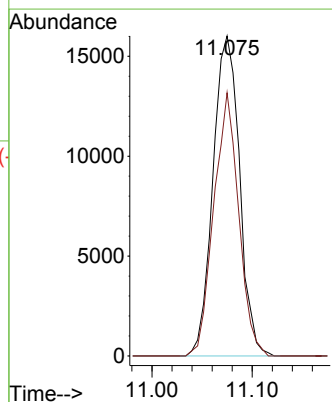
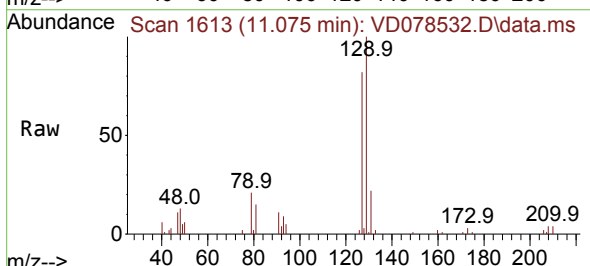
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

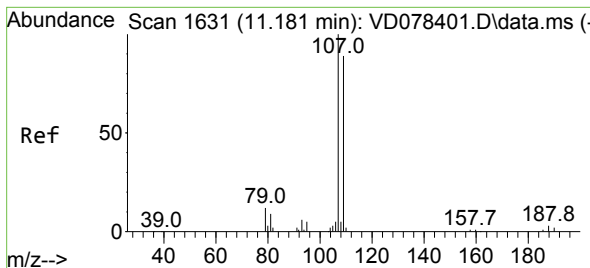
Tgt Ion: 43 Resp: 58624
Ion Ratio Lower Upper
43 100
58 59.0 34.1 102.2



#60
Dibromochloromethane
Concen: 22.388 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 129 Resp: 29405
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

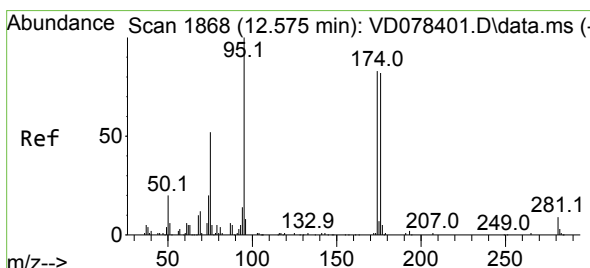
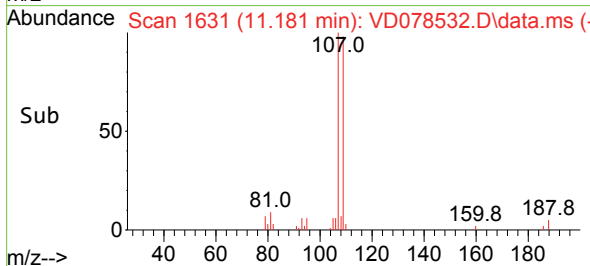
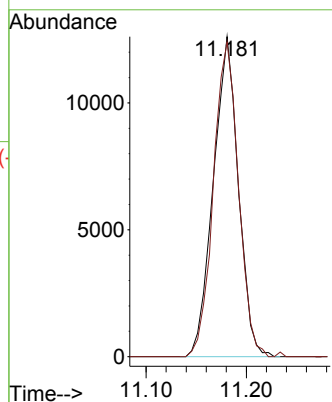
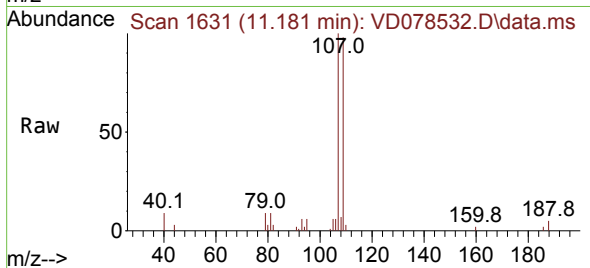




#61
1,2-Dibromoethane
Concen: 21.314 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

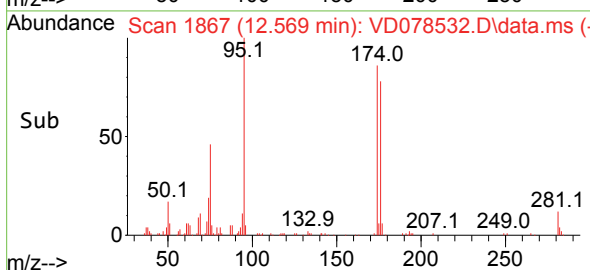
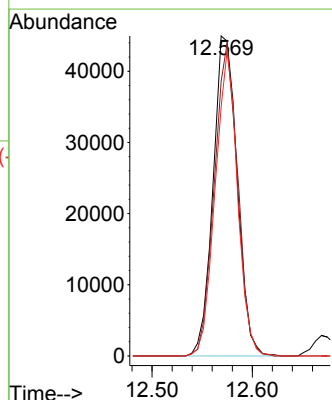
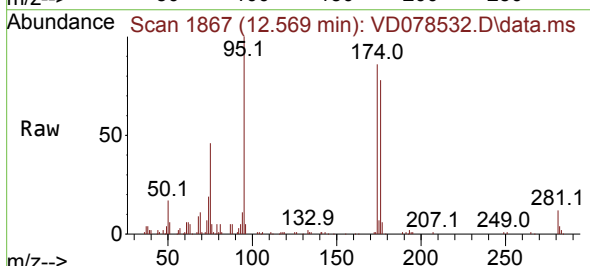
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

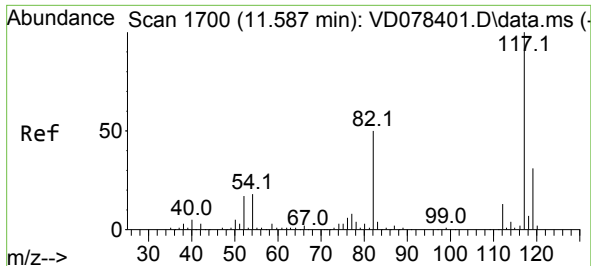
Tgt Ion:107 Resp: 21843
Ion Ratio Lower Upper
107 100
109 98.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.292 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 95 Resp: 75061
Ion Ratio Lower Upper
95 100
174 94.5 0.0 201.8
176 87.9 0.0 191.8

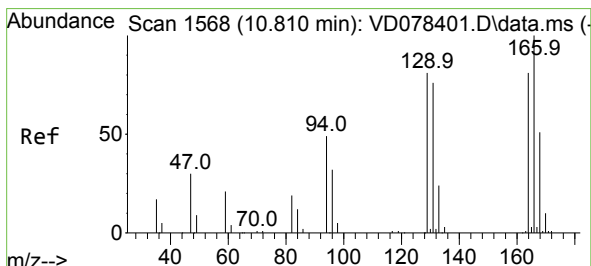
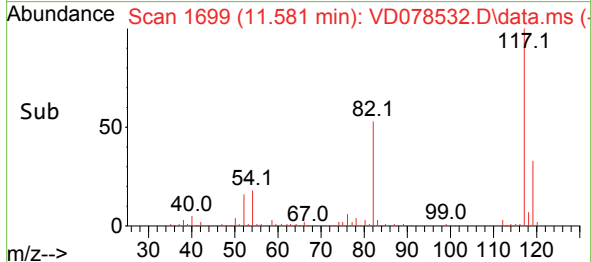
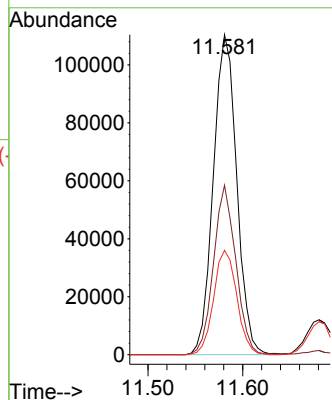
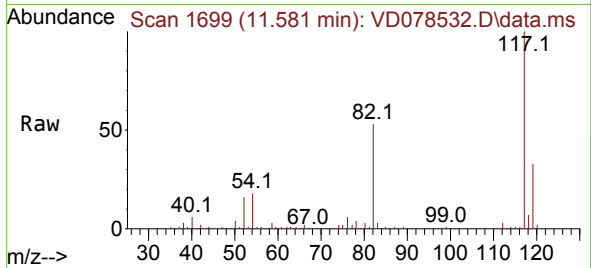




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

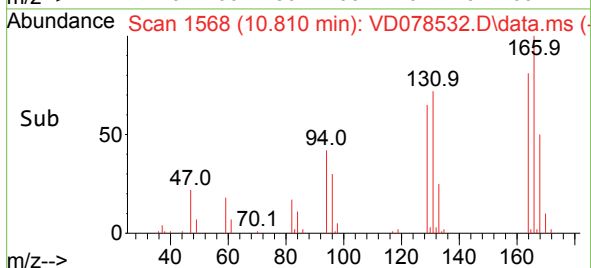
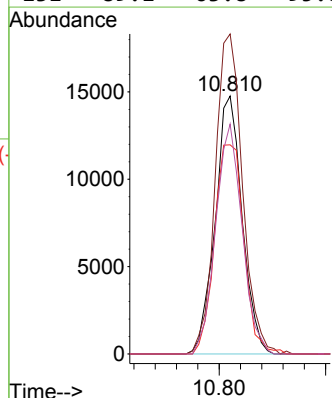
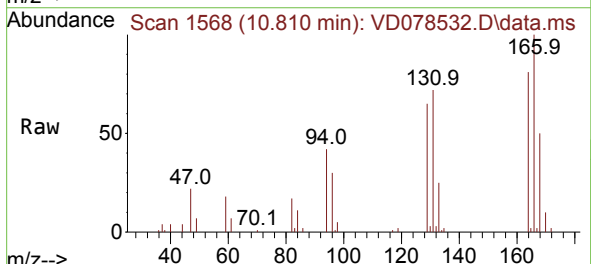
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

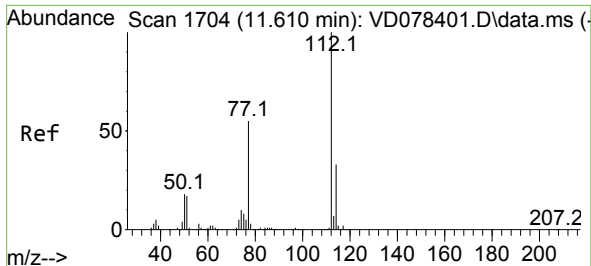
Tgt Ion:117 Resp: 190169
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 32.6 25.0 37.4



#64
Tetrachloroethene
Concen: 21.538 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:164 Resp: 25871
Ion Ratio Lower Upper
164 100
166 124.1 99.2 148.8
129 81.1 68.4 102.6
131 89.1 63.8 95.8

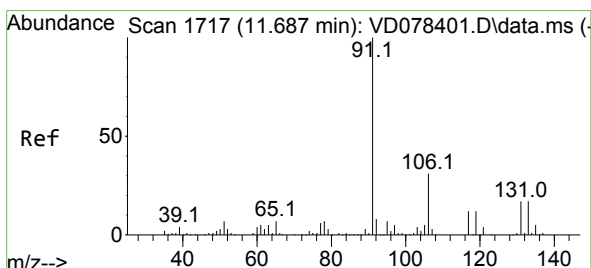
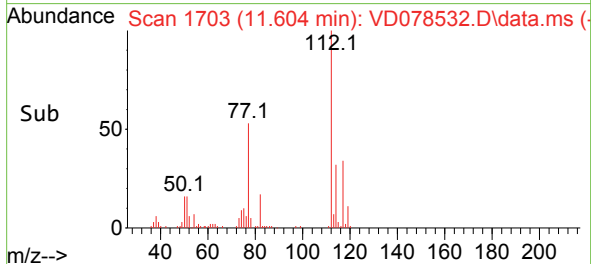
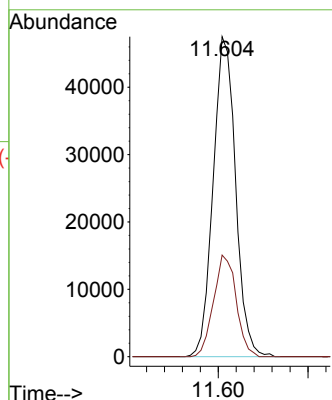
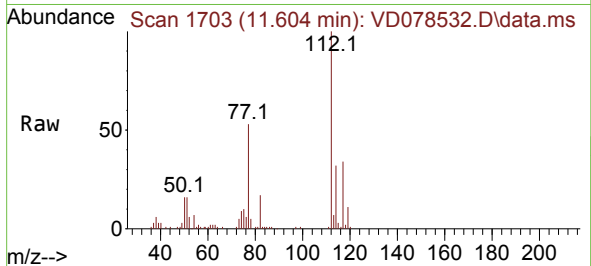




#65
Chlorobenzene
Concen: 21.532 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

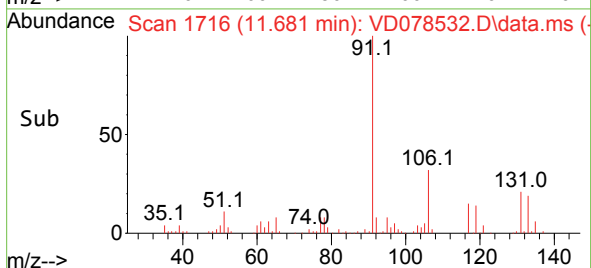
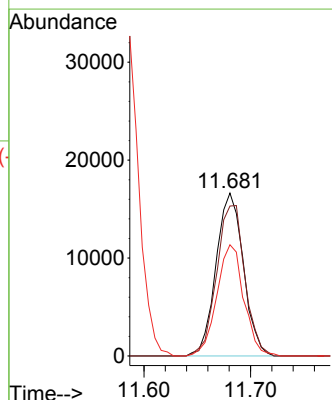
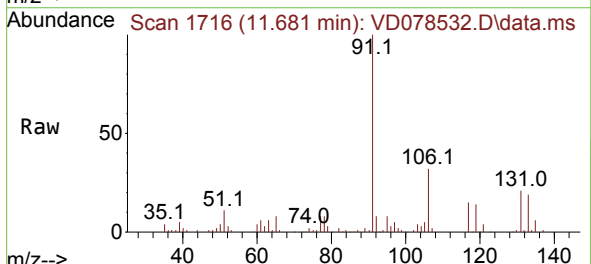
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

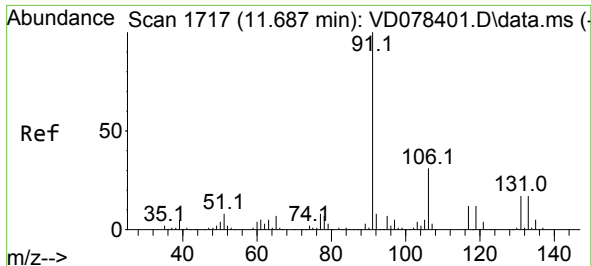
Tgt Ion:112 Resp: 82320
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.105 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:131 Resp: 29652
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.5
119 67.4 35.6 106.9

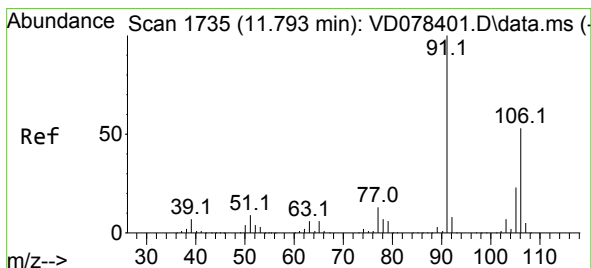
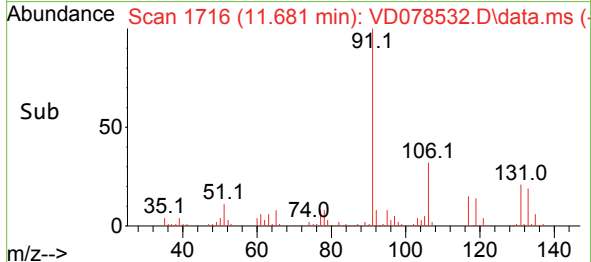
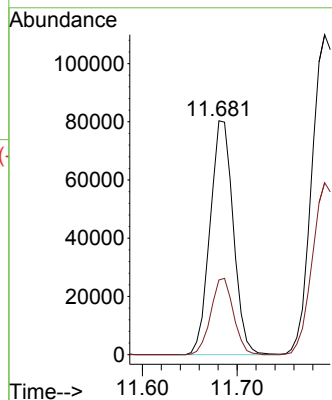
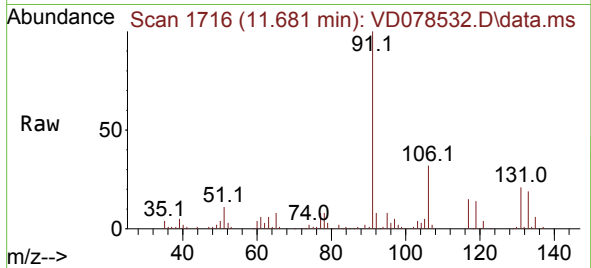




#67
Ethyl Benzene
Concen: 19.983 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

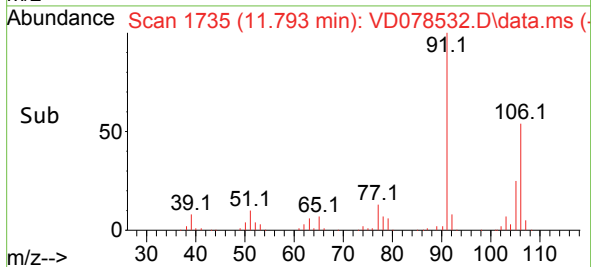
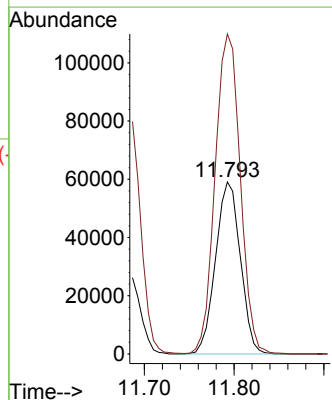
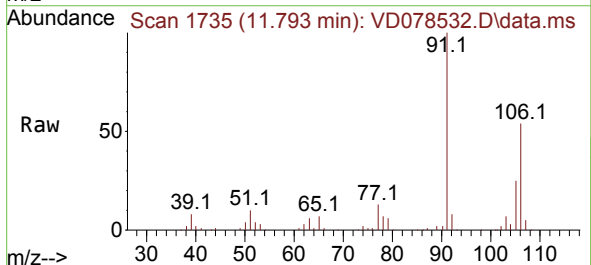
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

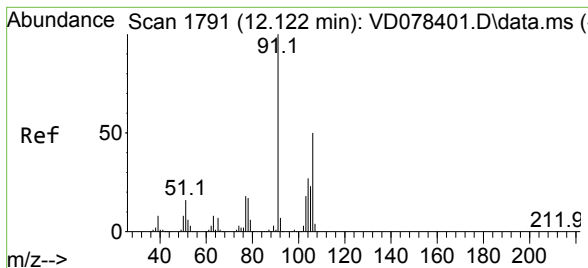
Tgt Ion: 91 Resp: 136889
Ion Ratio Lower Upper
91 100
106 32.0 26.5 39.7



#68
m/p-Xylenes
Concen: 42.384 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:106 Resp: 113250
Ion Ratio Lower Upper
106 100
91 189.0 147.0 220.6

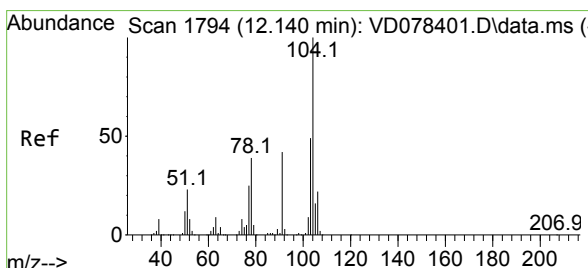
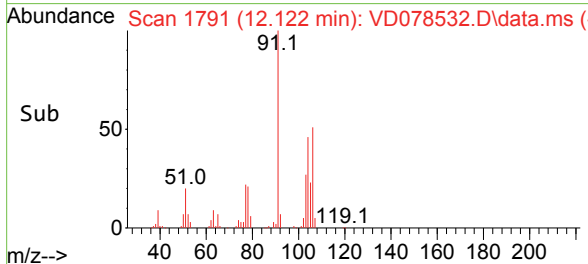
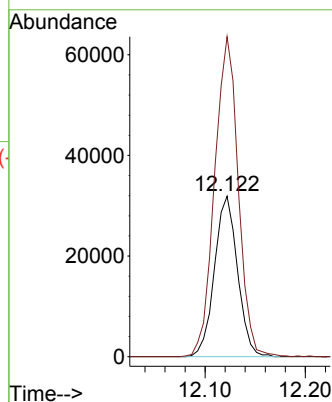
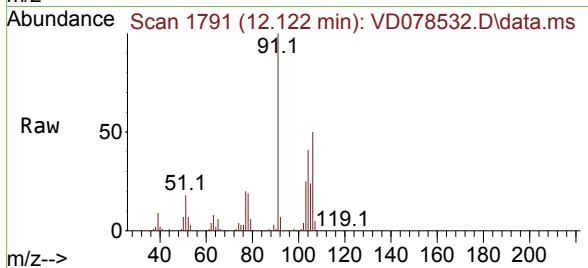




#69
o-Xylene
Concen: 20.884 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

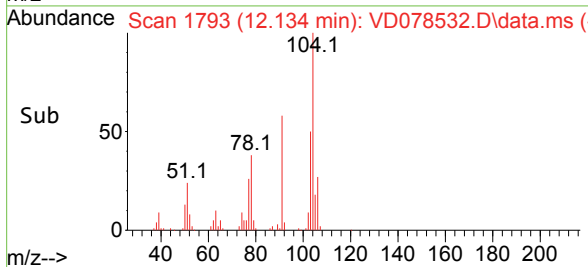
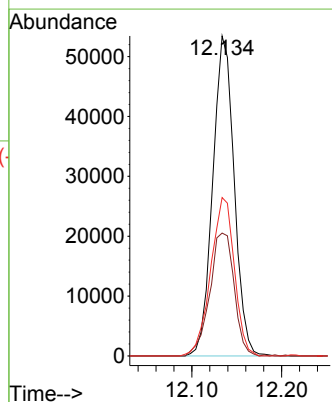
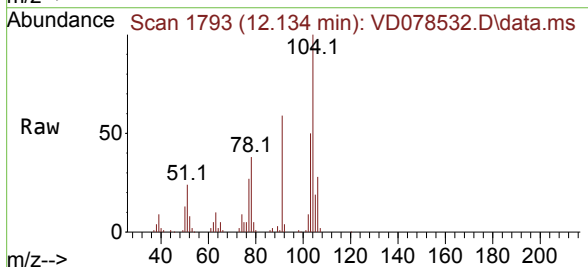
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

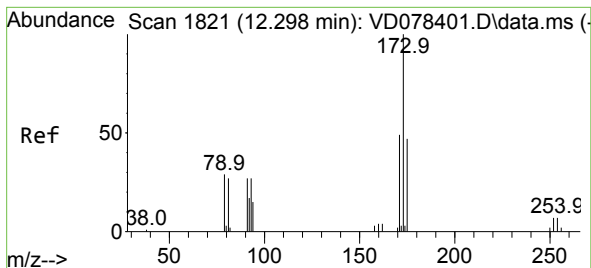
Tgt Ion:106 Resp: 50923
Ion Ratio Lower Upper
106 100
91 204.9 97.9 293.6



#70
Styrene
Concen: 22.295 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:104 Resp: 88723
Ion Ratio Lower Upper
104 100
78 43.6 33.2 49.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 21.881 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

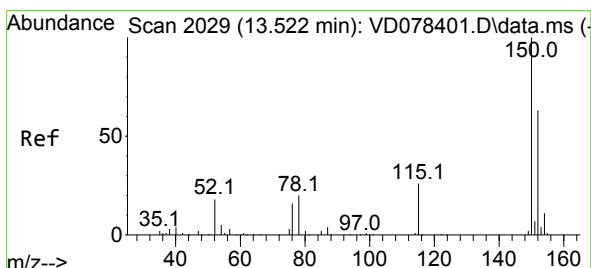
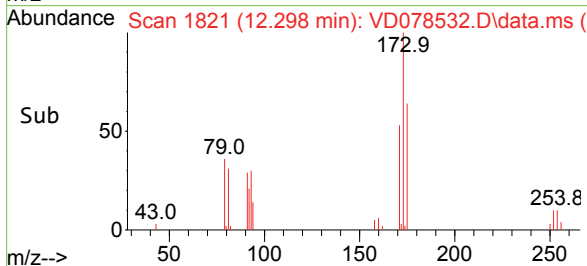
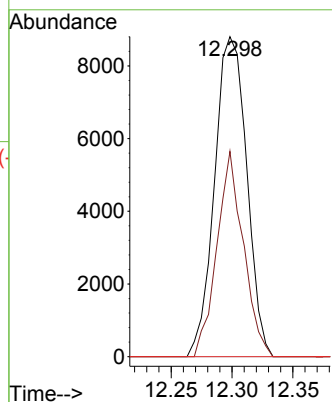
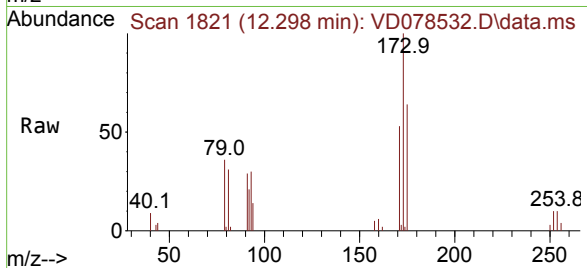
Tgt Ion:173 Resp: 16181

Ion Ratio Lower Upper

173 100

175 52.9 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: VD078532.D

Acq: 23 Feb 2024 13:15

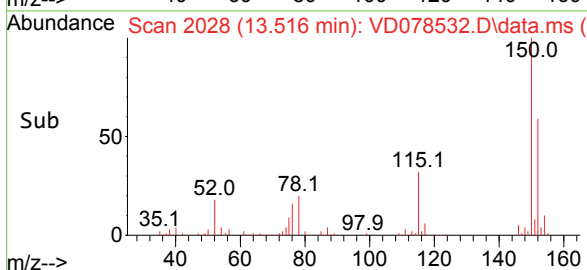
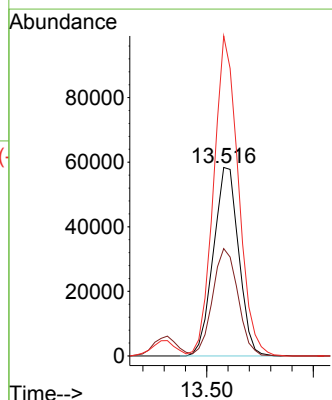
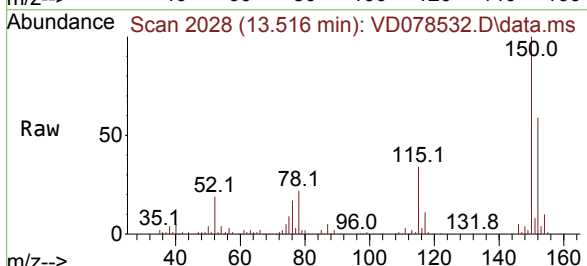
Tgt Ion:152 Resp: 96251

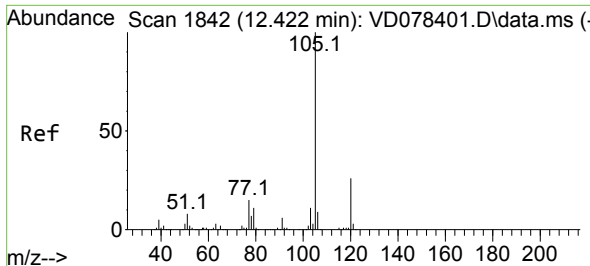
Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 165.9 0.0 353.6

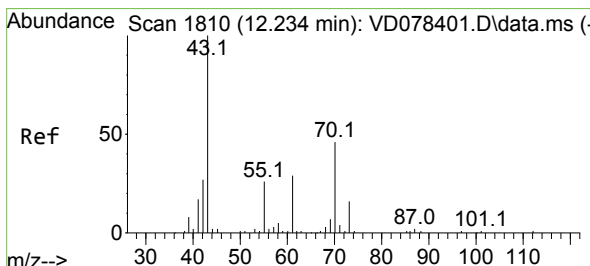
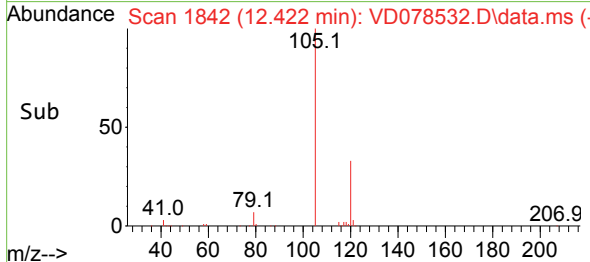
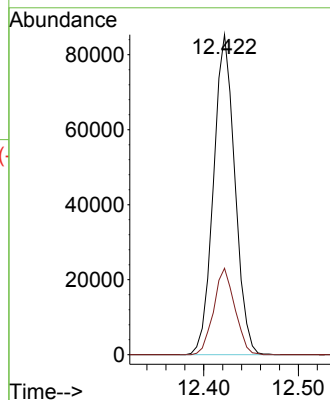
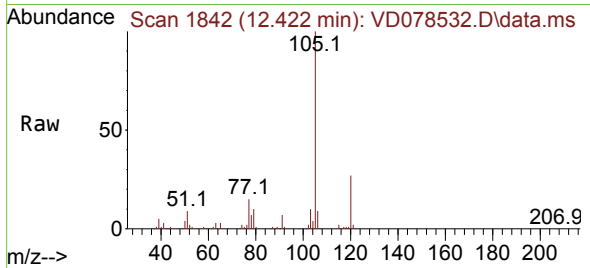




#73
Isopropylbenzene
Concen: 20.737 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

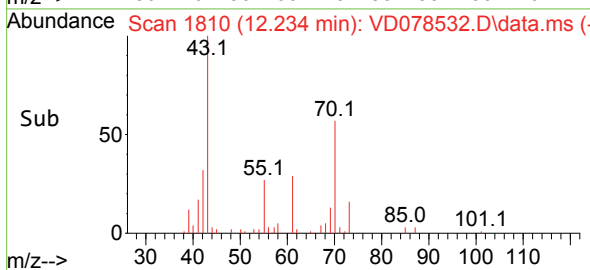
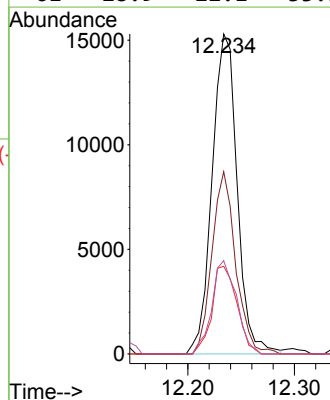
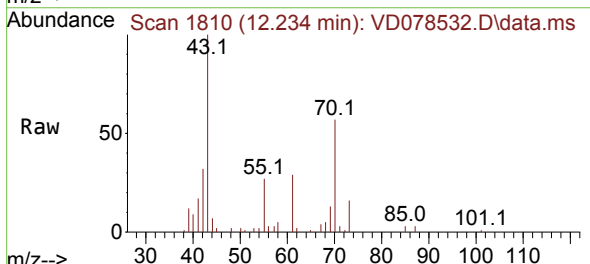
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

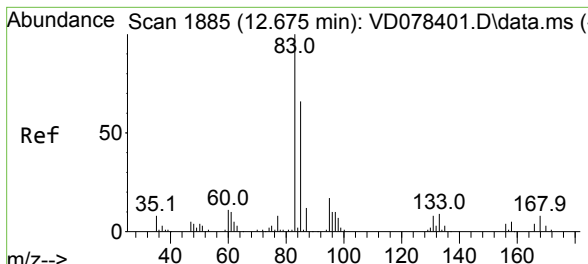
Tgt Ion:105 Resp: 134027
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 20.436 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 43 Resp: 24987
Ion Ratio Lower Upper
43 100
70 53.9 45.0 67.4
55 27.4 23.8 35.6
61 28.9 22.1 33.1

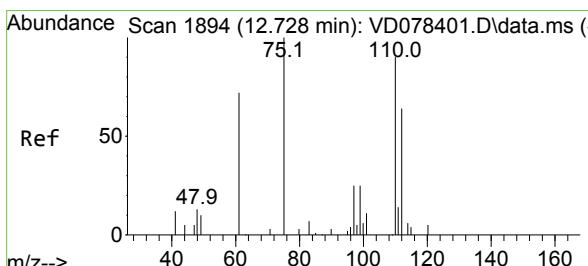
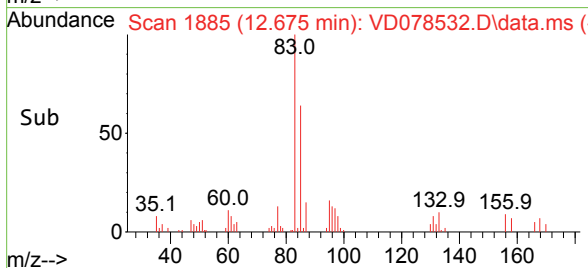
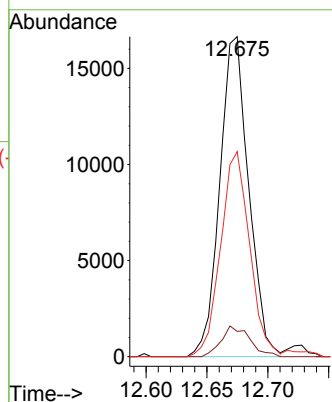
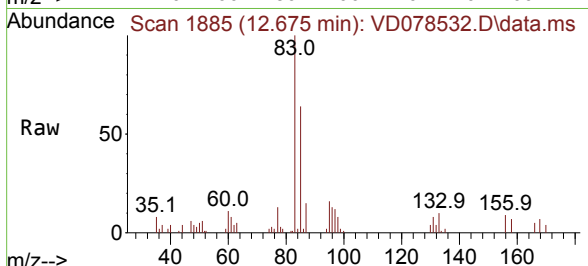




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.443 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

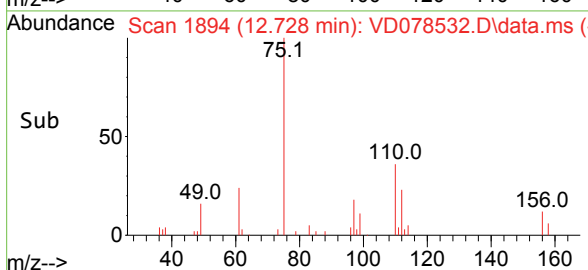
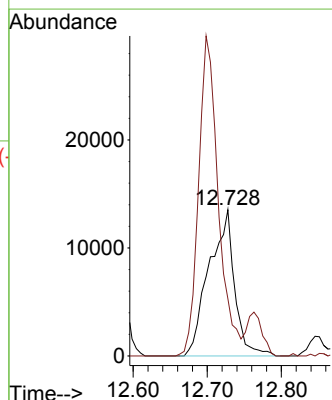
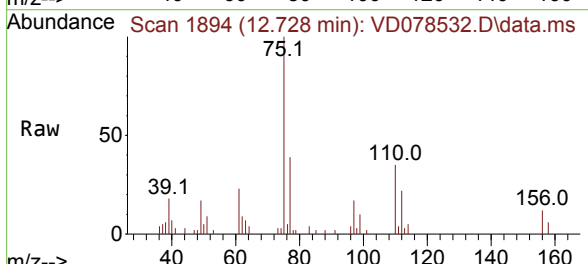
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBSD01

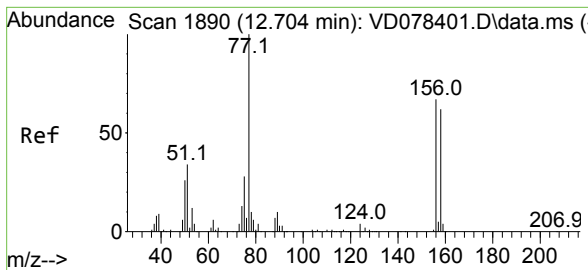
Tgt Ion: 83	Resp: 27492
Ion Ratio	Lower Upper
83	100
131	9.5 5.1 15.3
85	65.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 39.668 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

Tgt Ion: 75	Resp: 32414
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0

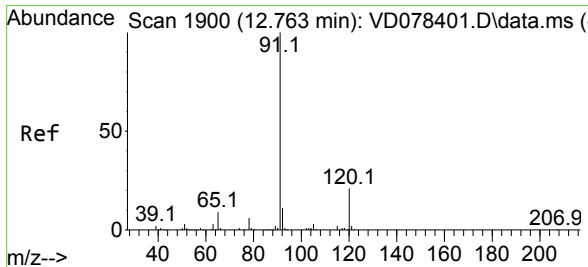
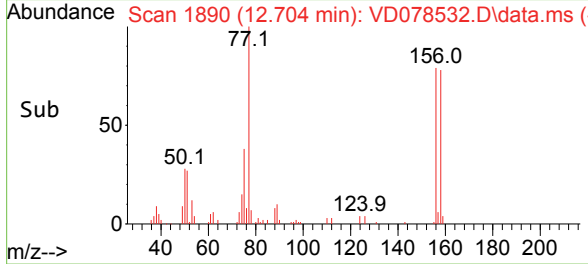
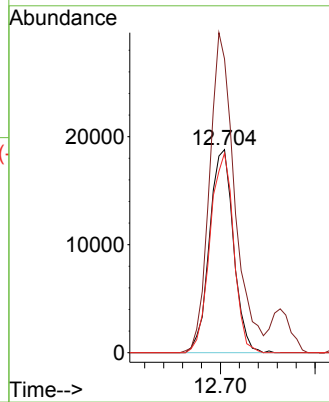
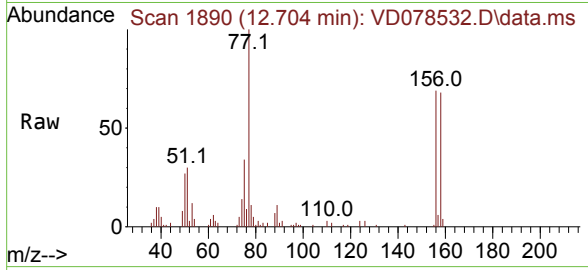




#77
Bromobenzene
Concen: 21.874 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

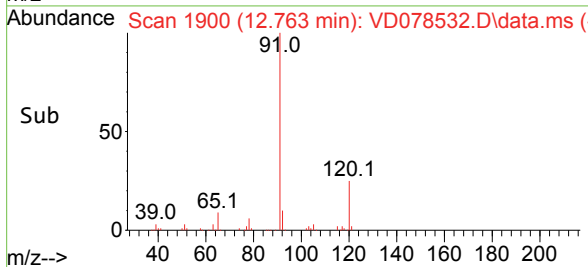
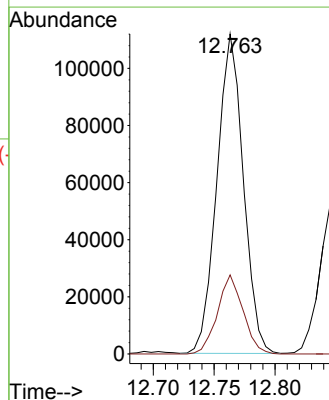
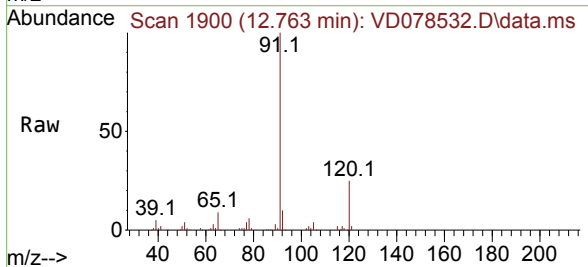
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

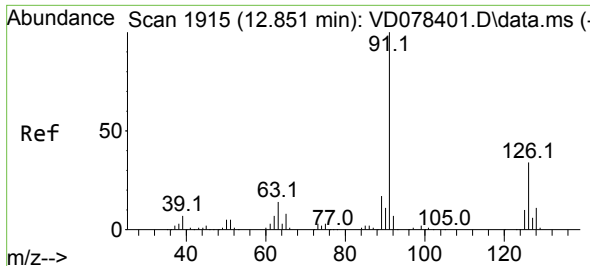
Tgt Ion:156 Resp: 33225
Ion Ratio Lower Upper
156 100
77 164.5 76.8 230.4
158 96.0 48.6 145.9



#78
n-propylbenzene
Concen: 20.970 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 91 Resp: 168898
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.2

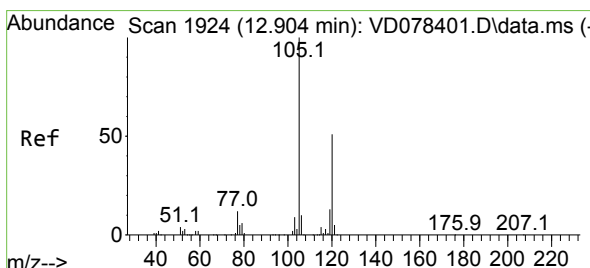
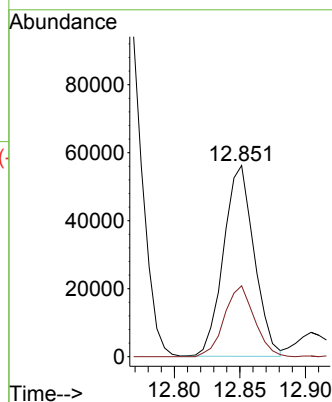
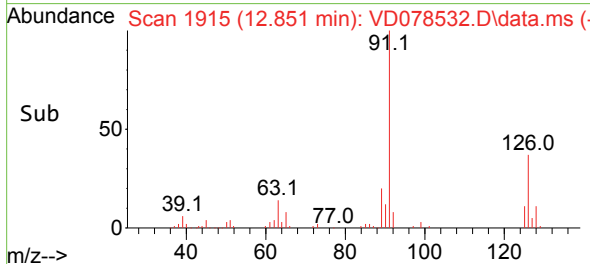
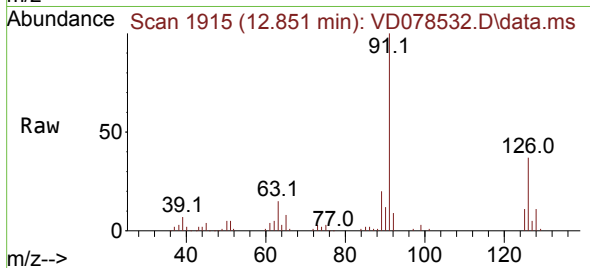




#79
2-Chlorotoluene
Concen: 21.146 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

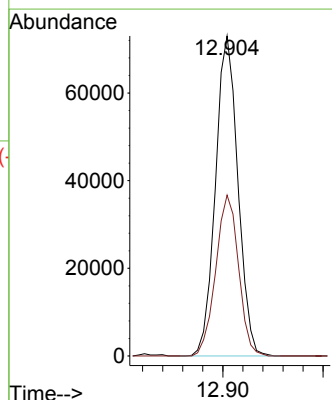
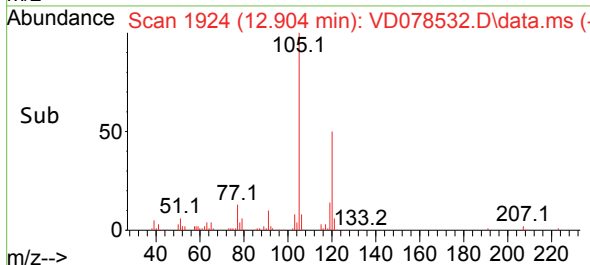
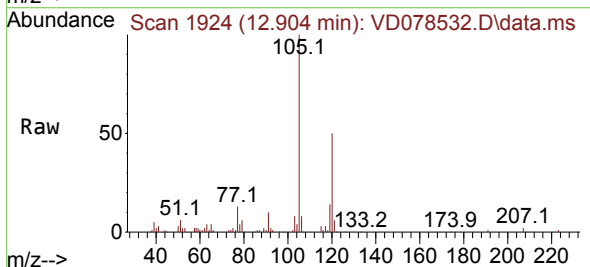
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

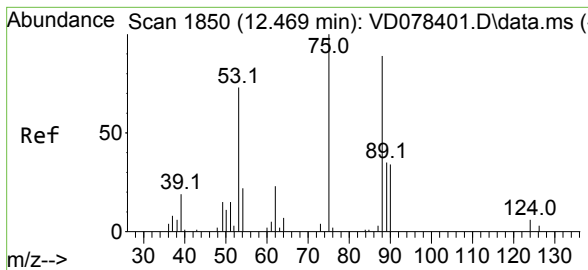
Tgt Ion: 91 Resp: 91221
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.117 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 105 Resp: 113327
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

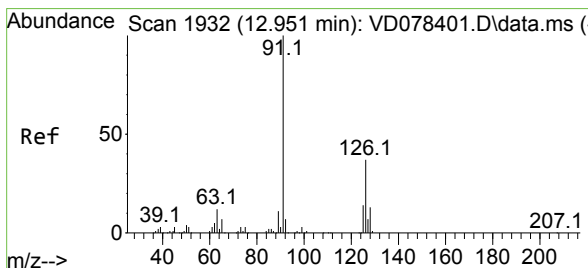
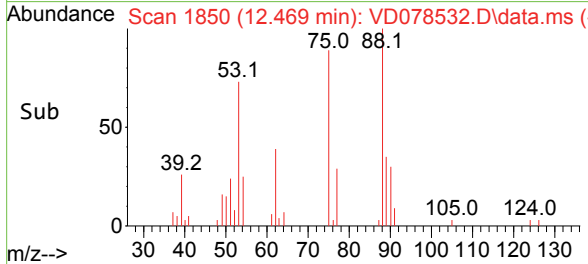
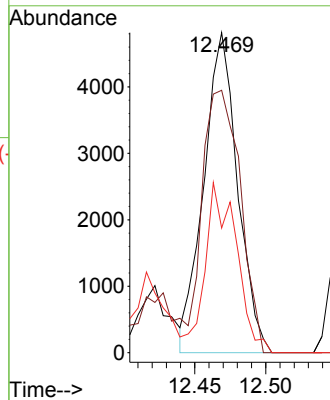
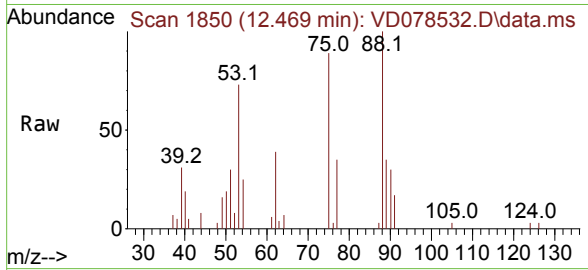




#81
trans-1,4-Dichloro-2-butene
Concen: 20.236 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

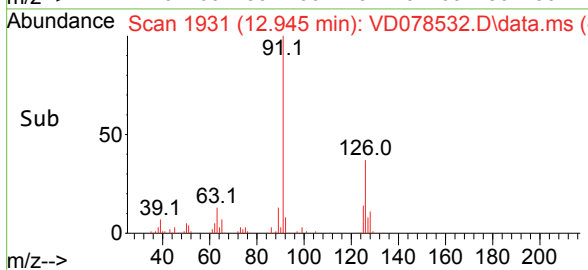
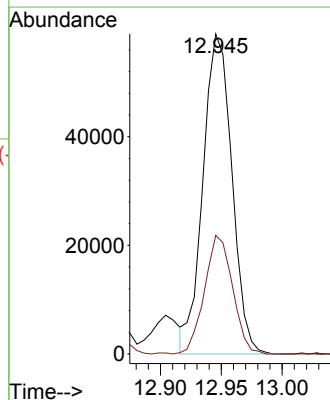
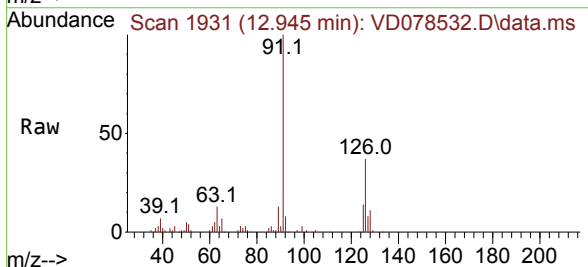
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

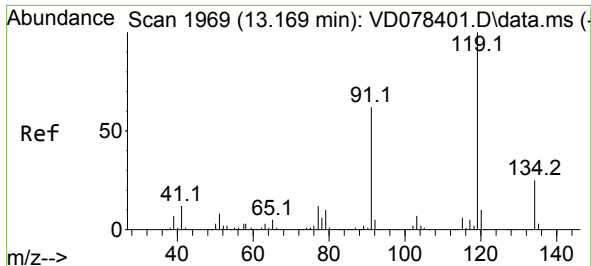
Tgt Ion:	75	Resp:	7965
Ion	Ratio	Lower	Upper
75	100		
53	91.4	63.0	94.4
89	49.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.029 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:	91	Resp:	97431
Ion	Ratio	Lower	Upper
91	100		
126	36.1	19.4	58.4

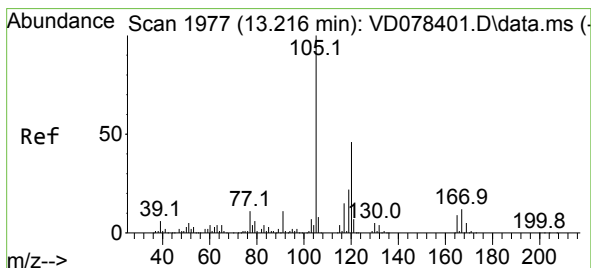
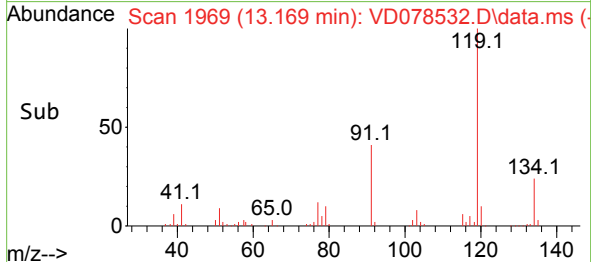
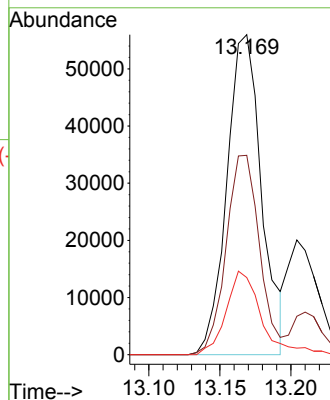
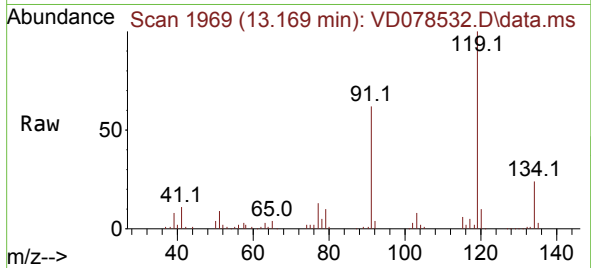




#83
tert-Butylbenzene
Concen: 21.075 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

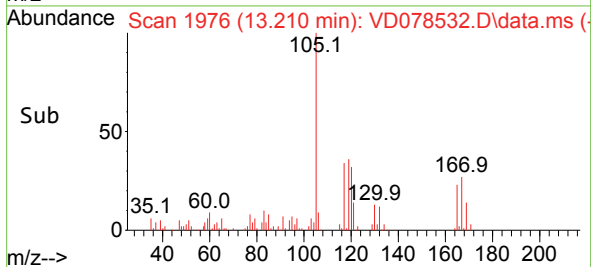
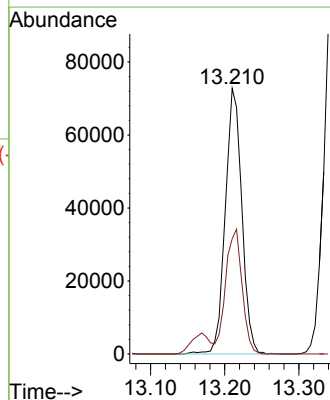
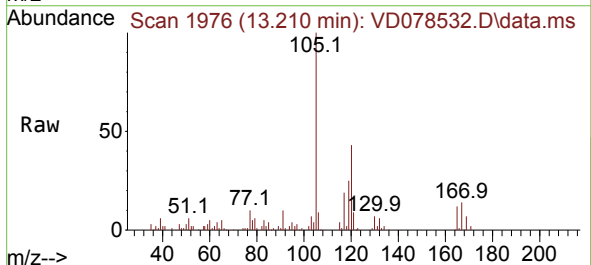
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

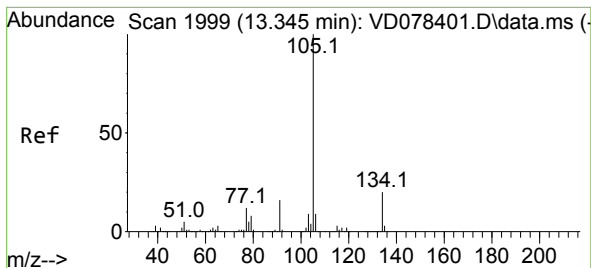
Tgt Ion:119 Resp: 95388
Ion Ratio Lower Upper
119 100
91 59.9 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.713 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:105 Resp: 112816
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 22.050 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

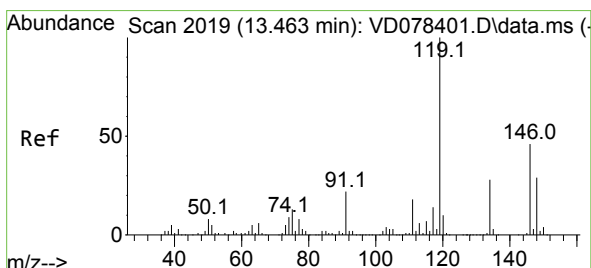
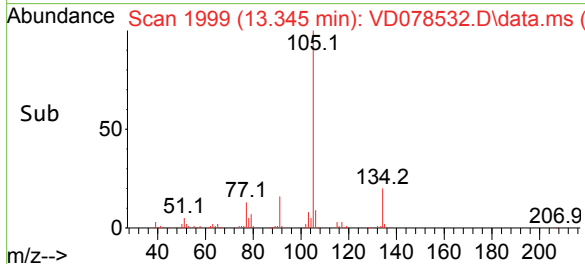
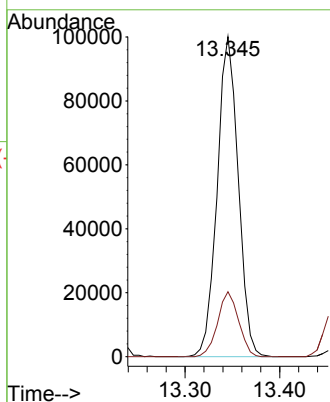
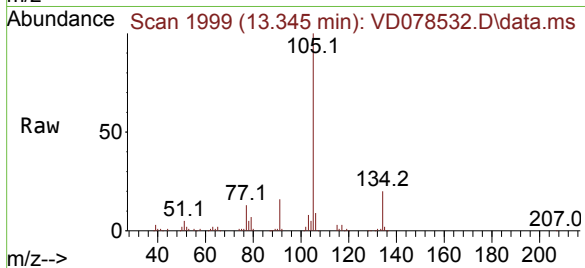
VD0223SBS01

Tgt Ion:105 Resp: 154776

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.216 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

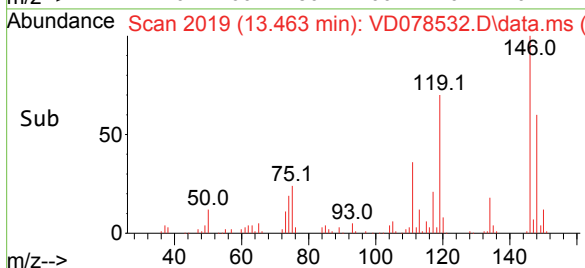
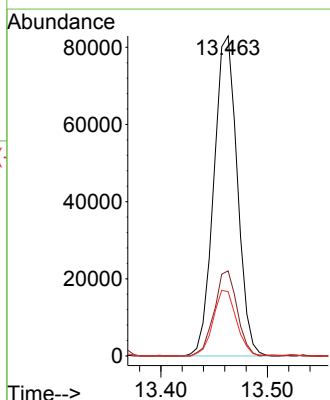
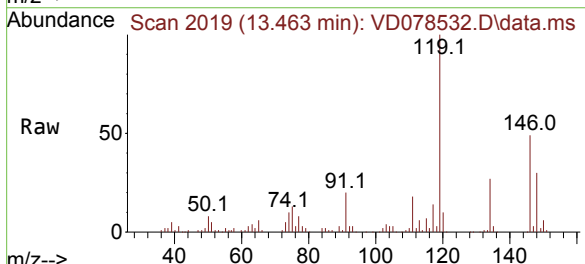
Tgt Ion:119 Resp: 126842

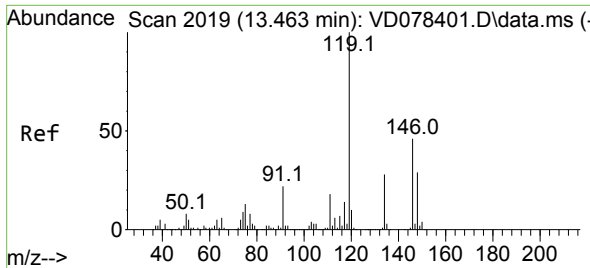
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 20.5 10.5 31.5

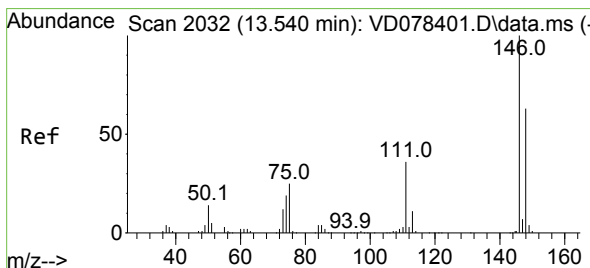
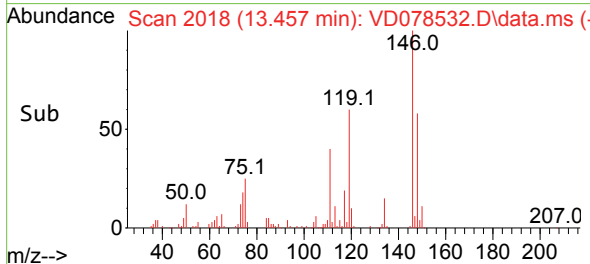
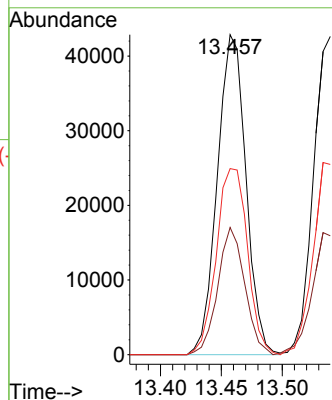
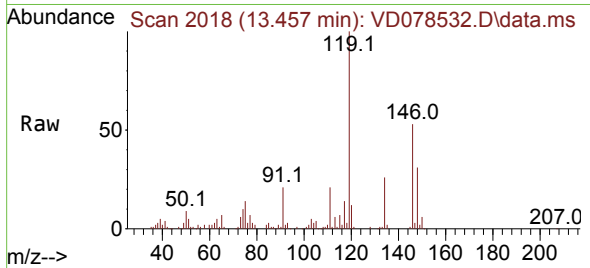




#87
 1,3-Dichlorobenzene
 Concen: 21.659 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

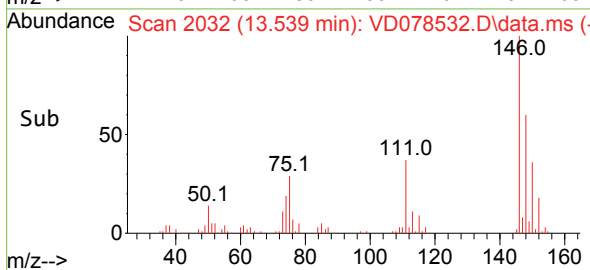
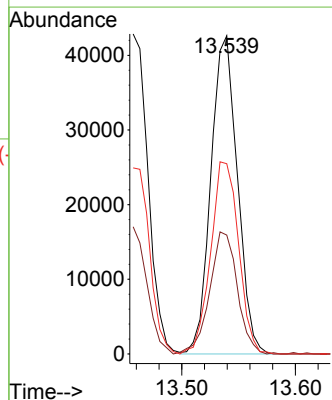
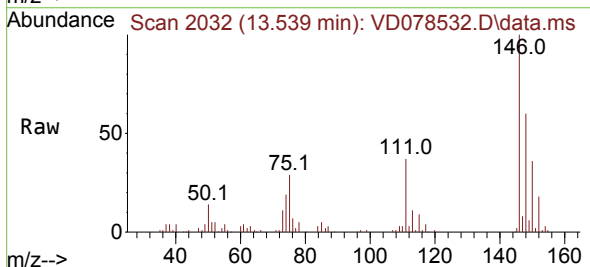
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

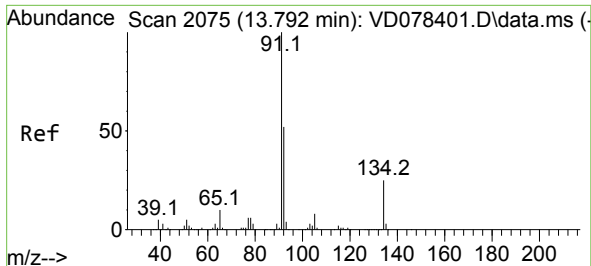
Tgt Ion:146 Resp: 70215
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.9 53.8
 148 63.1 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 21.707 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078532.D
 Acq: 23 Feb 2024 13:15

Tgt Ion:146 Resp: 69145
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.4 52.3
 148 63.5 31.7 95.1

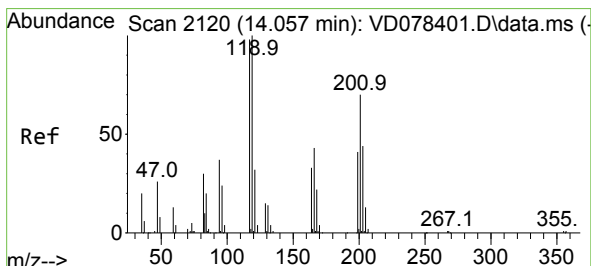
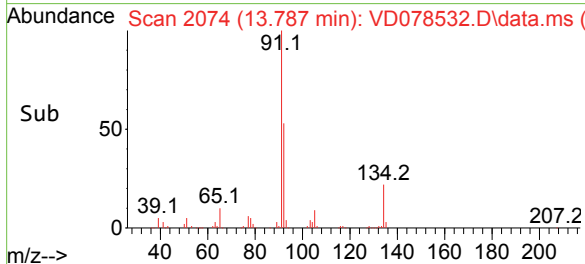
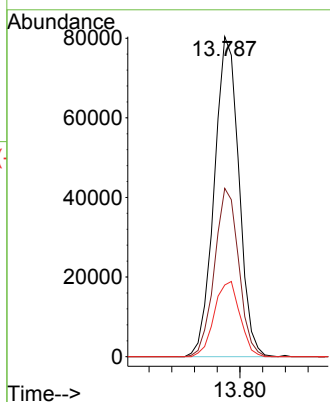
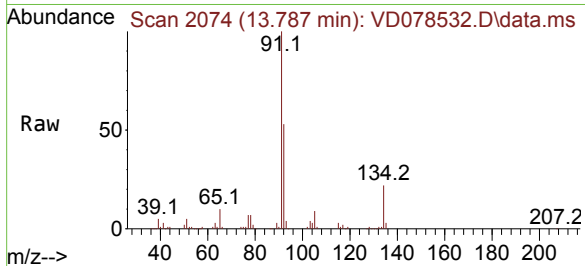




#89
n-Butylbenzene
Concen: 21.018 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

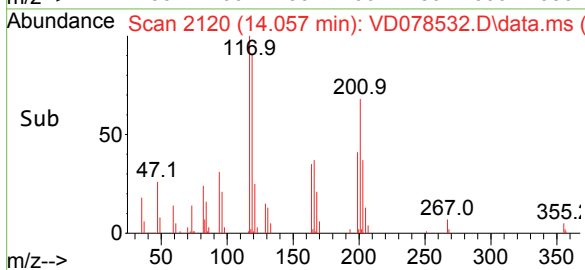
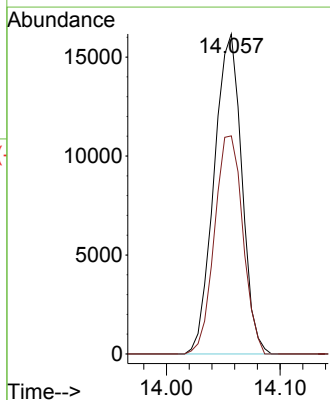
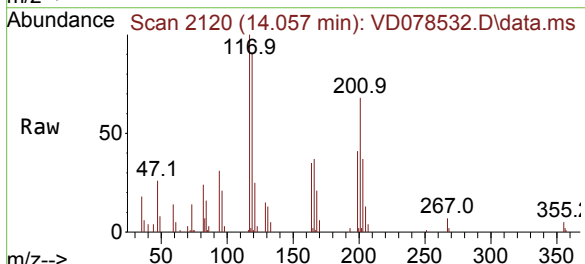
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

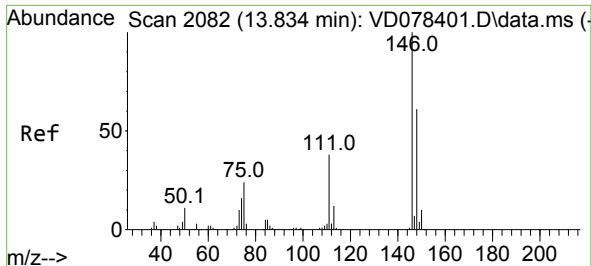
Tgt Ion: 91 Resp: 121117
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 24.4 13.8 41.3



#90
Hexachloroethane
Concen: 22.311 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion: 117 Resp: 27416
Ion Ratio Lower Upper
117 100
201 69.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 22.639 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078532.D

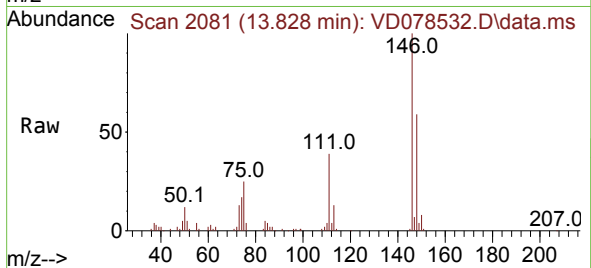
Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01



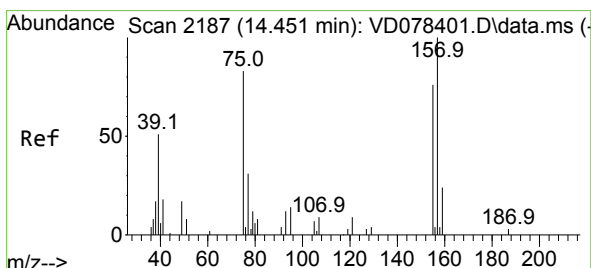
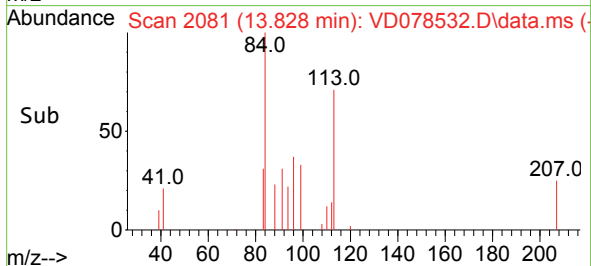
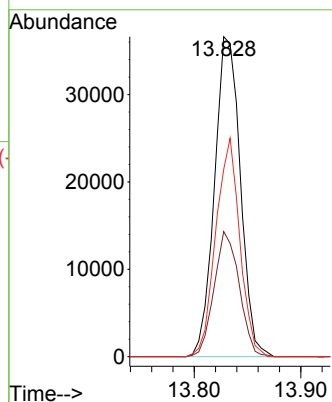
Tgt Ion:146 Resp: 61630

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

148 63.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.153 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

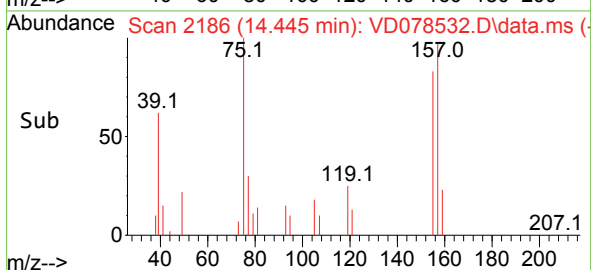
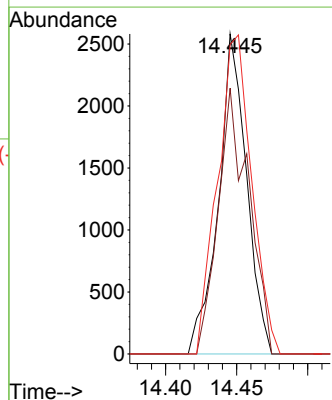
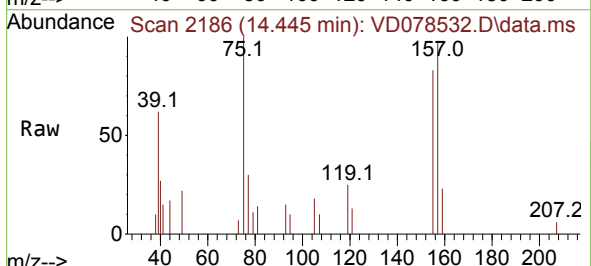
Tgt Ion: 75 Resp: 3551

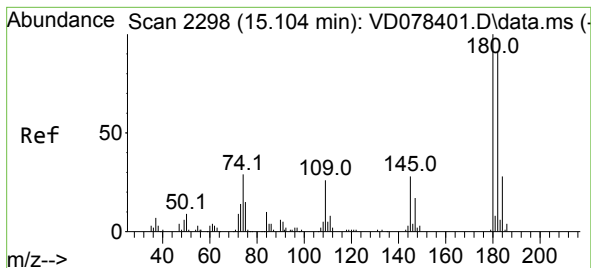
Ion Ratio Lower Upper

75 100

155 91.1 47.9 143.8

157 120.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.465 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBSD01

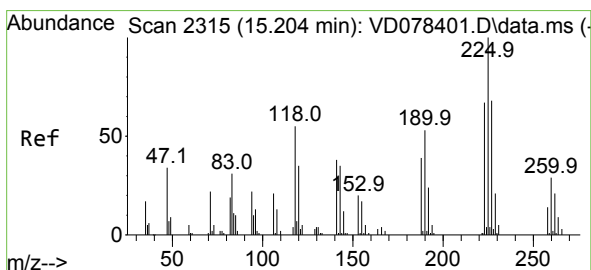
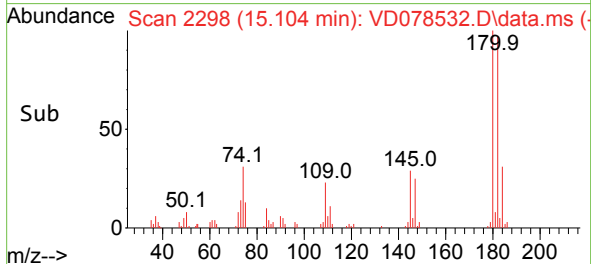
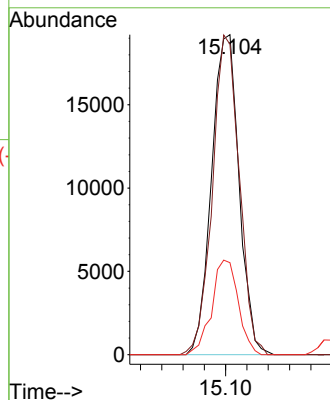
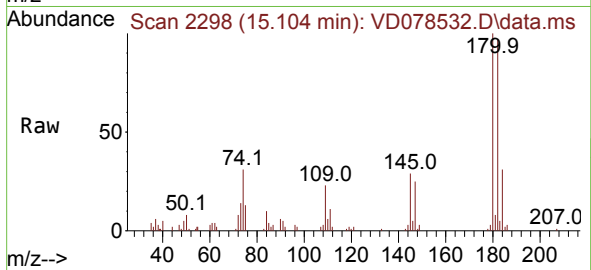
Tgt Ion:180 Resp: 34342

Ion Ratio Lower Upper

180 100

182 97.4 48.5 145.6

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.942 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078532.D

Acq: 23 Feb 2024 13:15

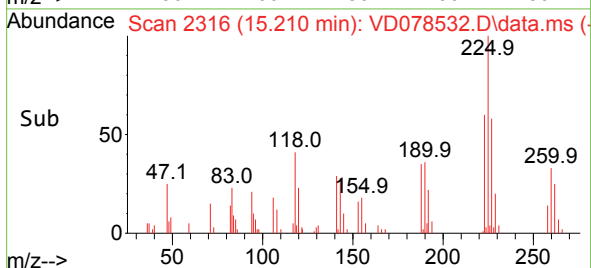
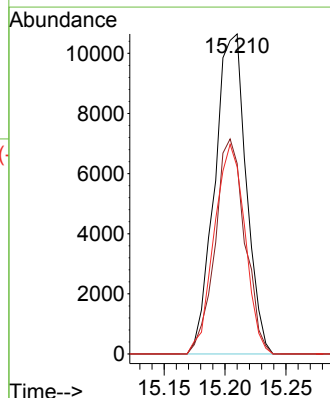
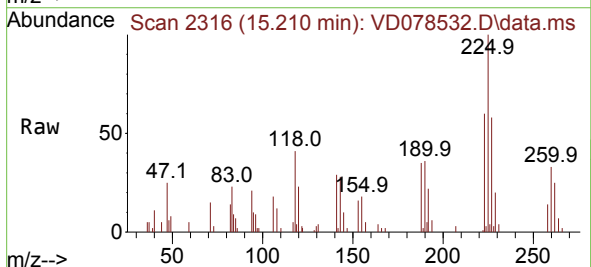
Tgt Ion:225 Resp: 19159

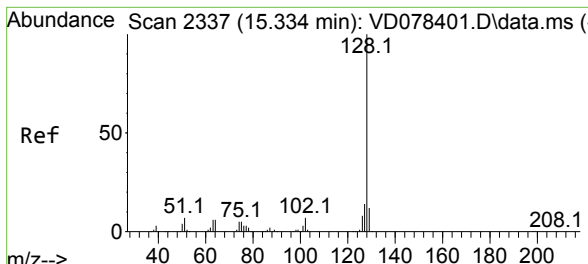
Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.8

227 63.9 31.7 95.1

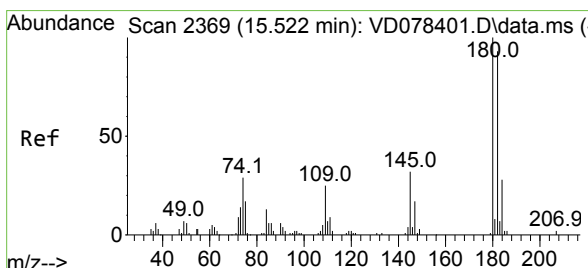
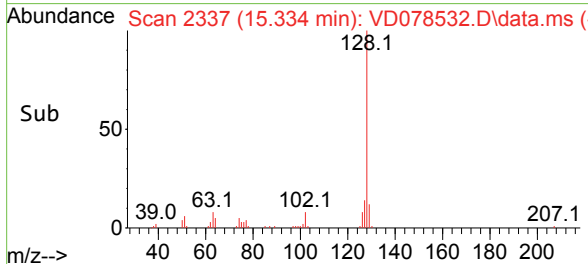
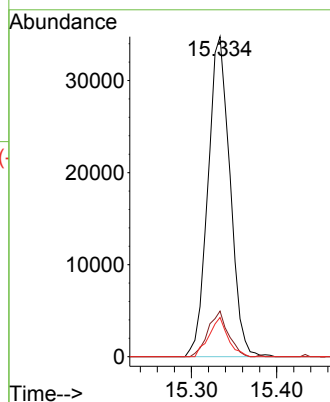
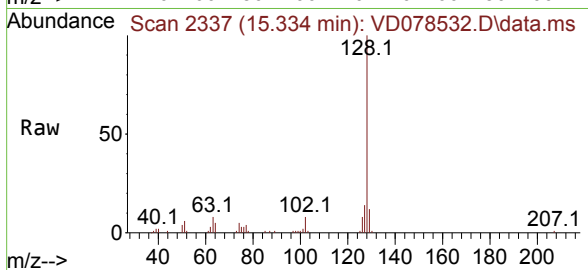




#95
Naphthalene
Concen: 21.016 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Tgt Ion:	128	Resp:	62365
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.5	15.7
129	12.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.298 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078532.D
Acq: 23 Feb 2024 13:15

Tgt Ion:	180	Resp:	30234
Ion Ratio	Lower	Upper	
180	100		
182	98.9	47.3	141.9
145	29.0	15.1	45.3

