

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078513.D
 Acq On : 22 Feb 2024 13:13
 Operator : RP/MD
 Sample : VD0222SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Quant Time: Feb 23 01:02:32 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	117990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68443	53.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.804	113	76880	60.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.640%	
50) Toluene-d8	10.269	98	293390	57.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.080%	
62) 4-Bromofluorobenzene	12.575	95	85107	57.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21679	18.648	ug/l	97
3) Chloromethane	2.152	50	41098	19.236	ug/l	99
4) Vinyl Chloride	2.281	62	64101	19.662	ug/l	99
5) Bromomethane	2.687	94	49015	21.782	ug/l	100
6) Chloroethane	2.834	64	50321	21.168	ug/l	97
7) Trichlorofluoromethane	3.175	101	48484	22.046	ug/l	97
8) Diethyl Ether	3.599	74	14264	22.518	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	29425	21.209	ug/l	97
10) Methyl Iodide	4.158	142	27120	21.825	ug/l #	90
11) Tert butyl alcohol	5.063	59	8824	124.787	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	26430	20.548	ug/l	85
13) Acrolein	3.799	56	11161	94.698	ug/l	96
14) Allyl chloride	4.558	41	31334	19.719	ug/l	90
15) Acrylonitrile	5.258	53	29653	109.354	ug/l	96
16) Acetone	4.028	43	36167	134.263	ug/l	93
17) Carbon Disulfide	4.275	76	76472	17.669	ug/l	97
18) Methyl Acetate	4.575	43	11013	15.123	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	61138	22.372	ug/l	99
20) Methylene Chloride	4.805	84	40076	26.264	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	31381	20.739	ug/l	92
22) Diisopropyl ether	6.216	45	76531	21.852	ug/l #	87
23) Vinyl Acetate	6.163	43	229648	154.643	ug/l	94
24) 1,1-Dichloroethane	6.110	63	54538	21.982	ug/l	98
25) 2-Butanone	7.087	43	44373	129.727	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	47437	22.808	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	36313	21.873	ug/l	94
28) Bromochloromethane	7.428	49	20452	20.813	ug/l	86
29) Tetrahydrofuran	7.446	42	20288	106.933	ug/l	92
30) Chloroform	7.599	83	60158	22.917	ug/l	93
31) Cyclohexane	7.881	56	41333	19.153	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	50448	22.541	ug/l	99
36) 1,1-Dichloropropene	8.010	75	42507	21.467	ug/l	97
37) Ethyl Acetate	7.175	43	16037	23.104	ug/l #	73
38) Carbon Tetrachloride	7.993	117	43305	22.084	ug/l	99
39) Methylcyclohexane	9.275	83	45960	19.552	ug/l	96
40) Benzene	8.252	78	129597	22.644	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7710	21.343	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	34234	23.117	ug/l	99
43) Isopropyl Acetate	8.369	43	28571	22.229	ug/l	94
44) Trichloroethene	9.028	130	34038	23.312	ug/l	80
45) 1,2-Dichloropropane	9.304	63	32788	23.349	ug/l	92
46) Dibromomethane	9.399	93	18953	23.996	ug/l	93
47) Bromodichloromethane	9.587	83	46545	23.792	ug/l	98
48) Methyl methacrylate	9.375	41	12913	18.937	ug/l #	86
49) 1,4-Dioxane	9.393	88	4024	470.441	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	80096	117.412	ug/l	93
52) Toluene	10.334	92	82498	22.794	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41028	22.984	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	49589	22.910	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	25914	24.363	ug/l	95
56) Ethyl methacrylate	10.598	69	27150	27.599	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	43015	23.773	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	62385	107.659	ug/l	96
59) 2-Hexanone	10.922	43	66357	129.435	ug/l	93
60) Dibromochloromethane	11.075	129	31486	24.603	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23598	23.631	ug/l	99
64) Tetrachloroethene	10.810	164	26946	22.797	ug/l	97
65) Chlorobenzene	11.604	112	88450	23.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	32908	23.802	ug/l	96
67) Ethyl Benzene	11.687	91	148451	22.022	ug/l	96
68) m/p-Xylenes	11.793	106	120400	45.790	ug/l	93
69) o-Xylene	12.122	106	55785	23.248	ug/l	94
70) Styrene	12.134	104	96831	24.726	ug/l	97
71) Bromoform	12.304	173	17709	24.335	ug/l #	100
73) Isopropylbenzene	12.422	105	145425	22.861	ug/l	95
74) N-amyl acetate	12.234	43	27534	22.880	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	29464	23.350	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	34499	42.896	ug/l #	100
77) Bromobenzene	12.704	156	35418	23.691	ug/l	91
78) n-propylbenzene	12.763	91	181743	22.926	ug/l	96
79) 2-Chlorotoluene	12.851	91	96636	22.760	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	121863	23.071	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	9051	23.363	ug/l	96
82) 4-Chlorotoluene	12.945	91	105757	23.192	ug/l	96
83) tert-Butylbenzene	13.169	119	104106	23.370	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	122616	22.873	ug/l	95
85) sec-Butylbenzene	13.345	105	163091	23.607	ug/l	96
86) p-Isopropyltoluene	13.463	119	133350	22.662	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	73073	22.902	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	74529	23.772	ug/l	98
89) n-Butylbenzene	13.787	91	127142	22.417	ug/l	97
90) Hexachloroethane	14.051	117	28539	23.597	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	64051	23.905	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3902	23.616	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	37448	23.781	ug/l	97
94) Hexachlorobutadiene	15.204	225	19880	24.187	ug/l	97
95) Naphthalene	15.328	128	67331	23.054	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.522	180	31903	23.906	ug/l	97

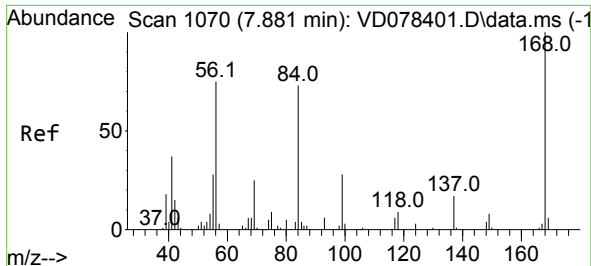
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
Data File : VD078513.D
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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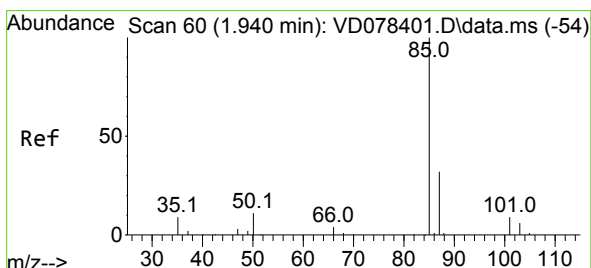
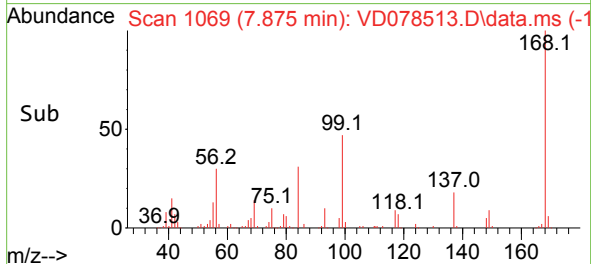
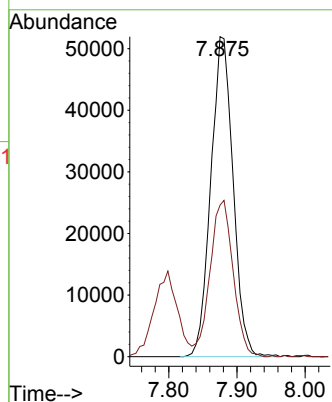
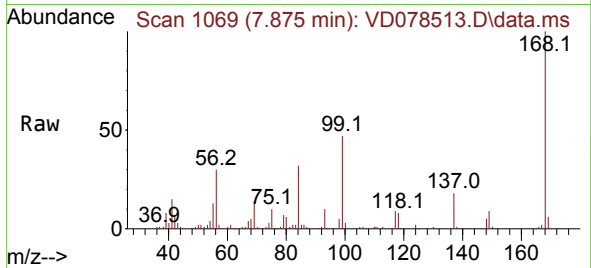
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

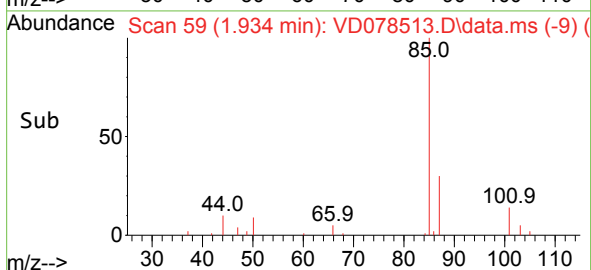
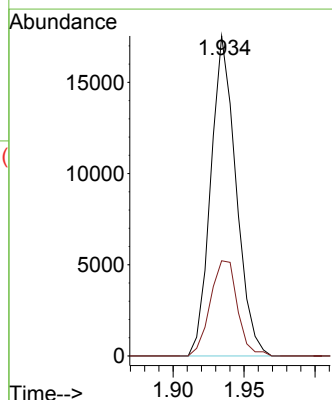
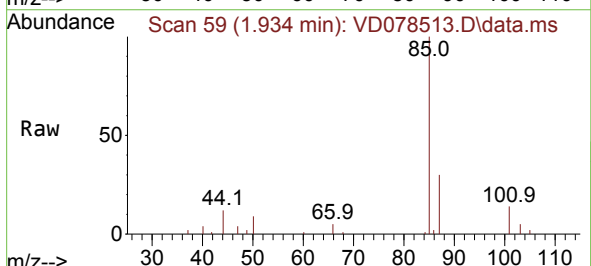
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

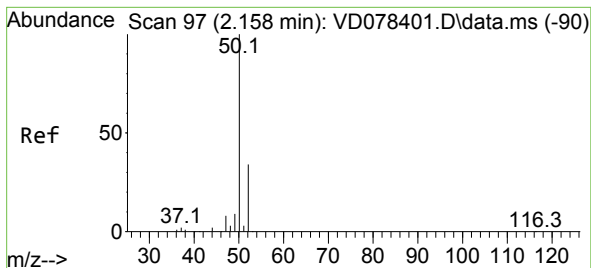
Tgt Ion:168 Resp: 117990
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.648 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 85 Resp: 21679
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0





#3

Chloromethane

Concen: 19.236 ug/l

RT: 2.152 min Scan# 9

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

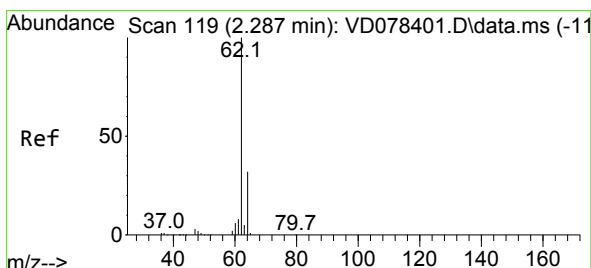
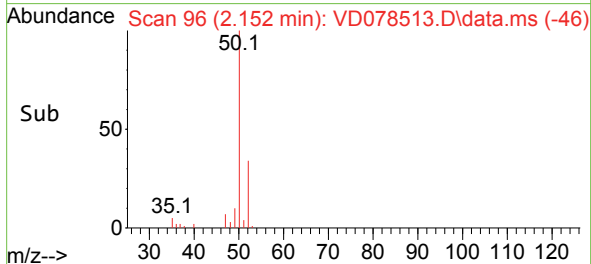
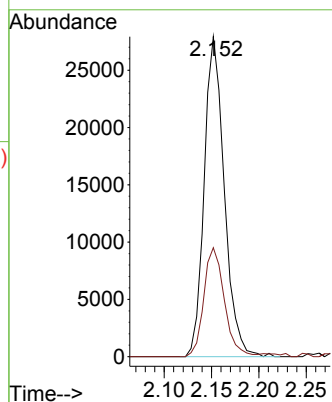
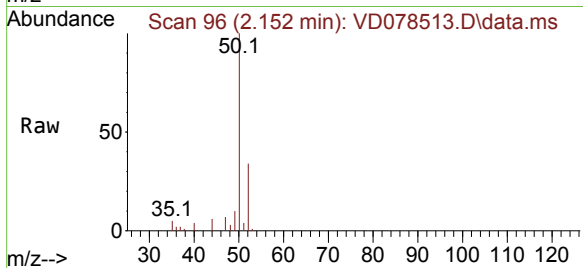
VD0222SBSD01

Tgt Ion: 50 Resp: 41098

Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



#4

Vinyl Chloride

Concen: 19.662 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078513.D

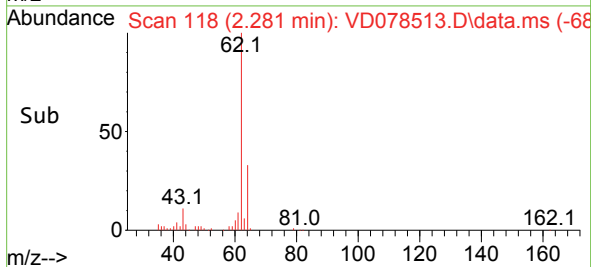
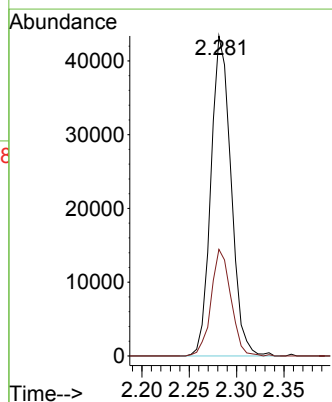
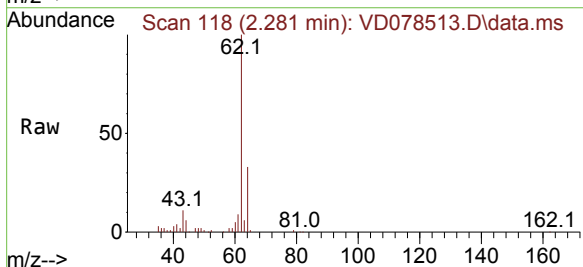
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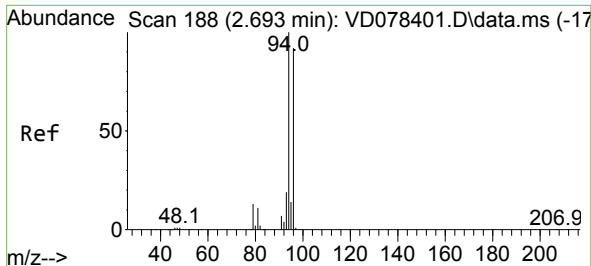
Tgt Ion: 62 Resp: 64101

Ion Ratio Lower Upper

62 100

64 33.3 26.0 39.0

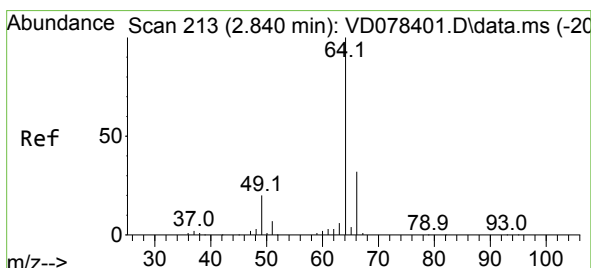
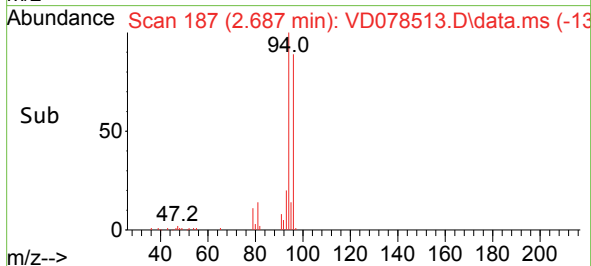
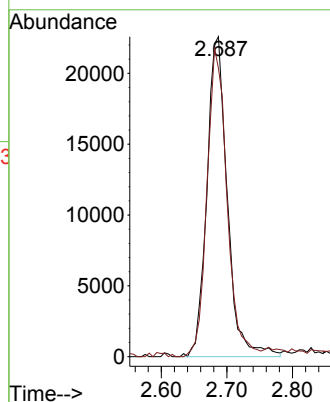
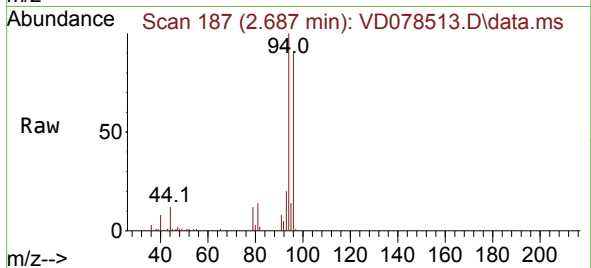




#5
Bromomethane
Concen: 21.782 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

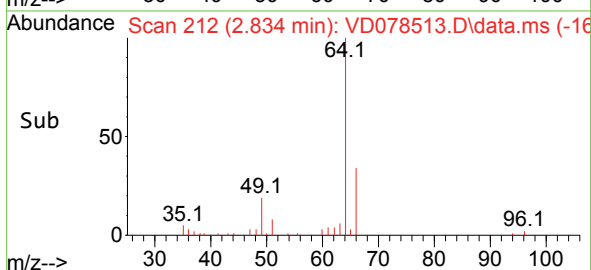
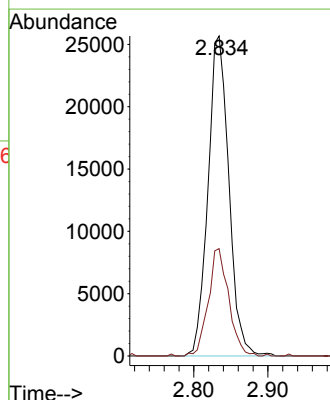
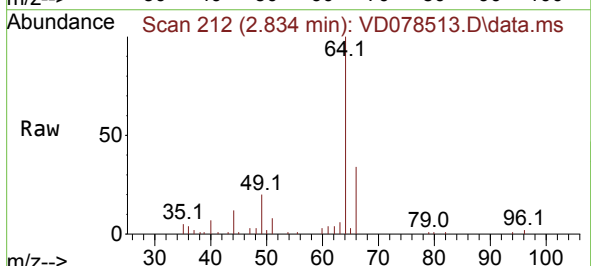
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

Tgt Ion: 94 Resp: 49015
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 21.168 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 64 Resp: 50321
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

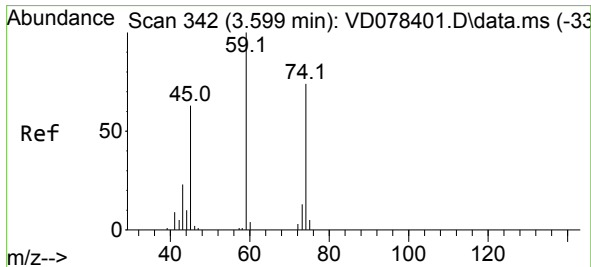
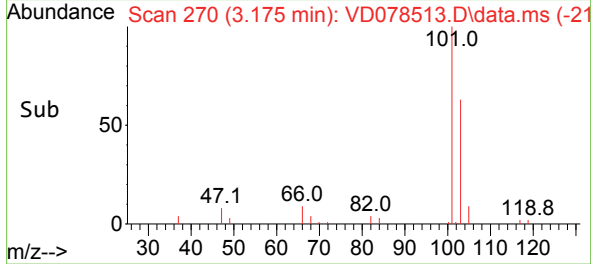
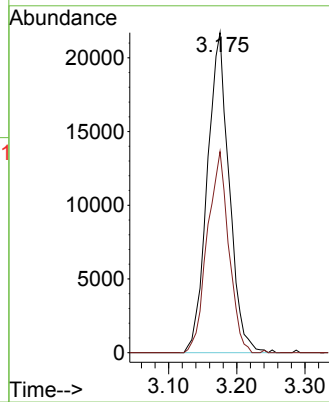
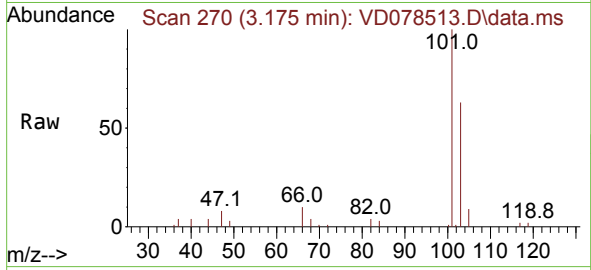




#7
 Trichlorofluoromethane
 Concen: 22.046 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

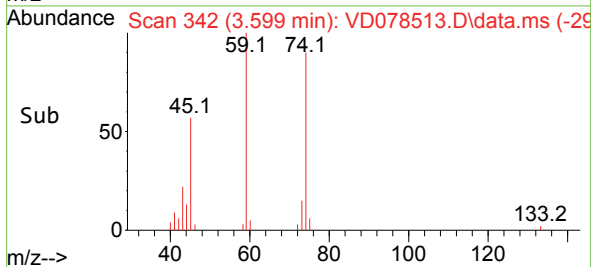
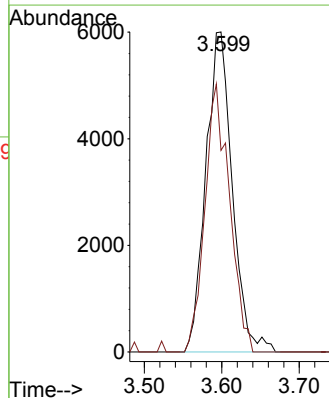
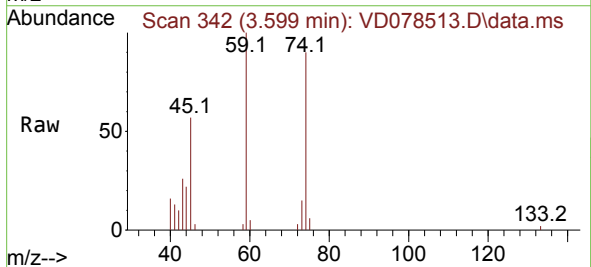
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Tgt Ion:101 Resp: 48484
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.518 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

Tgt Ion: 74 Resp: 14264
 Ion Ratio Lower Upper
 74 100
 45 77.9 37.5 112.7

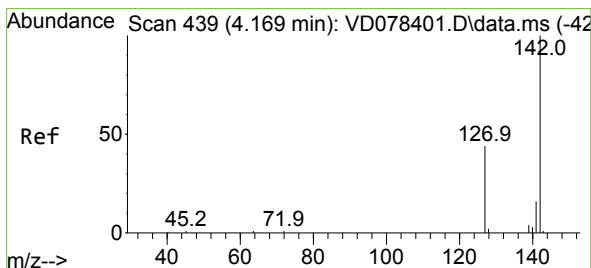
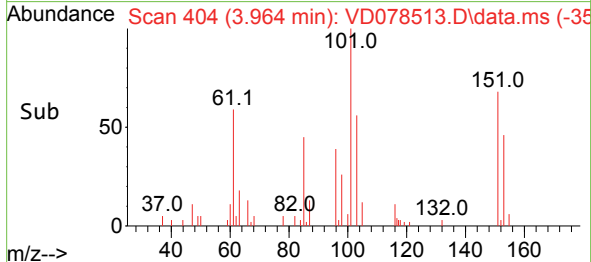
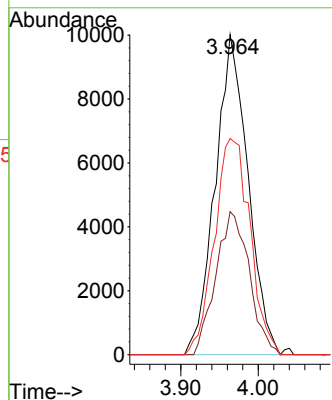
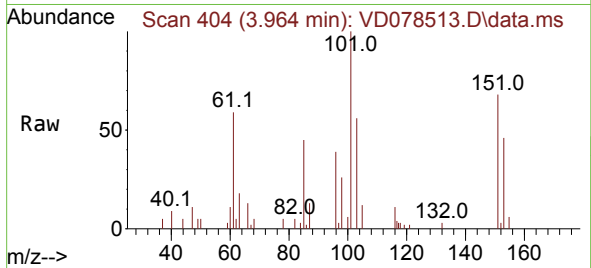




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.209 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

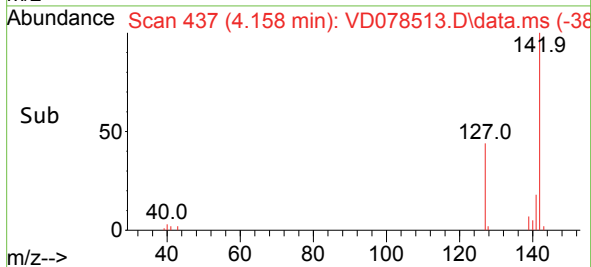
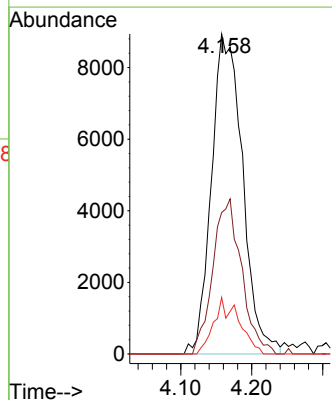
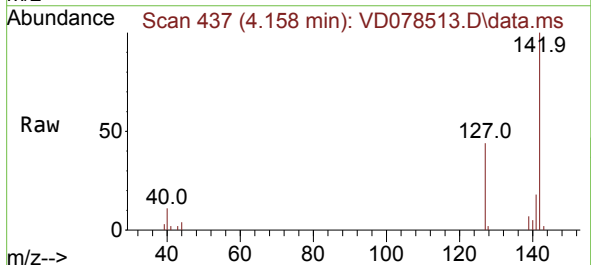
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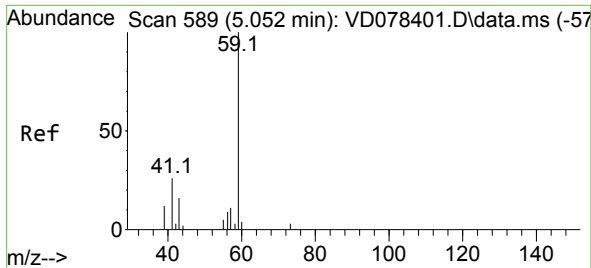
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Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 73.5 59.8 89.6



#10
Methyl Iodide
Concen: 21.825 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:142 Resp: 27120
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 14.3 11.1 16.7

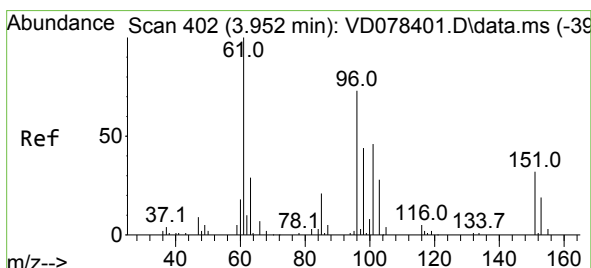
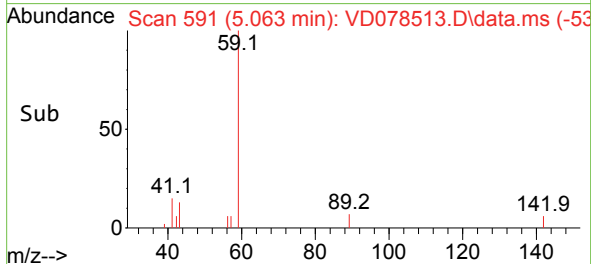
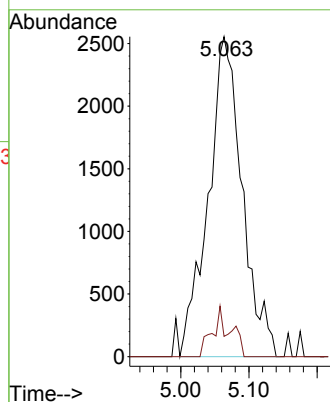
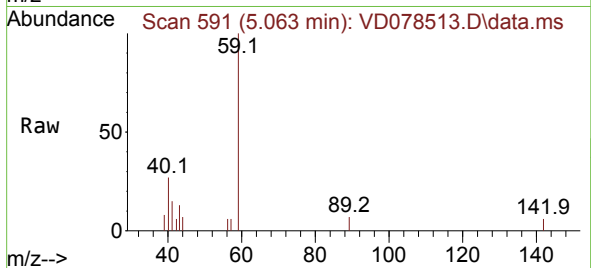




#11
Tert butyl alcohol
Concen: 124.787 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

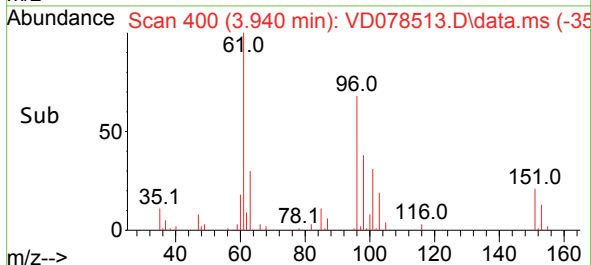
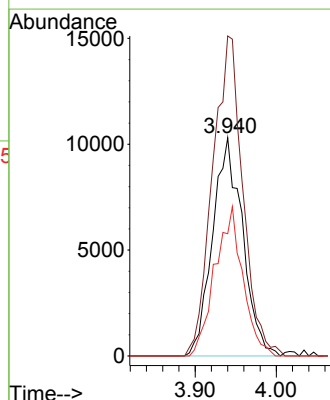
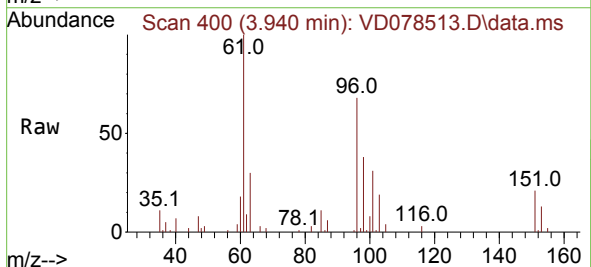
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

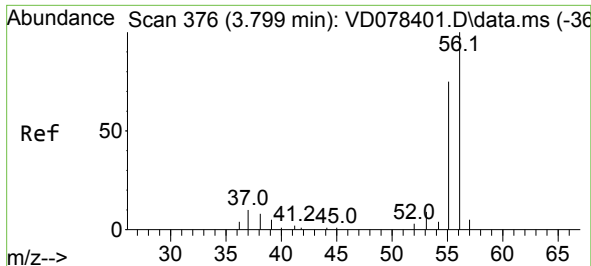
Tgt Ion: 59 Resp: 8824
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.548 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 96 Resp: 26430
Ion Ratio Lower Upper
96 100
61 146.6 100.6 150.8
98 56.0 50.2 75.2

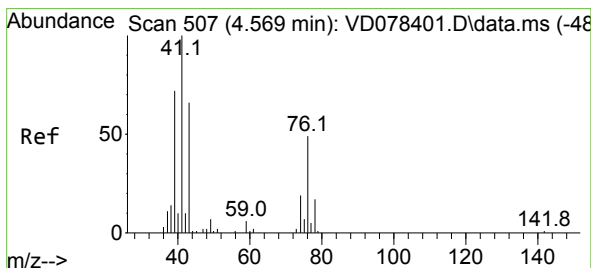
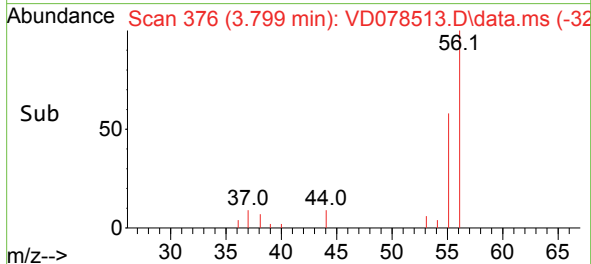
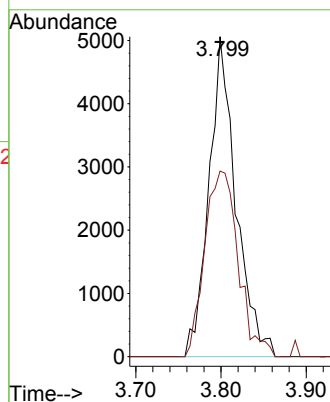
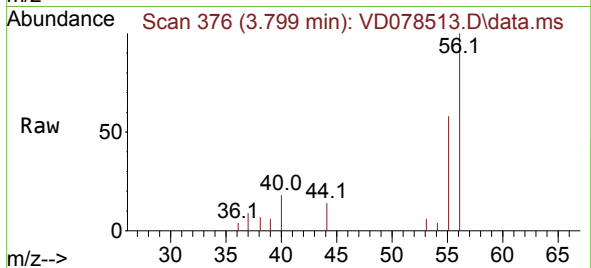




#13
Acrolein
Concen: 94.698 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

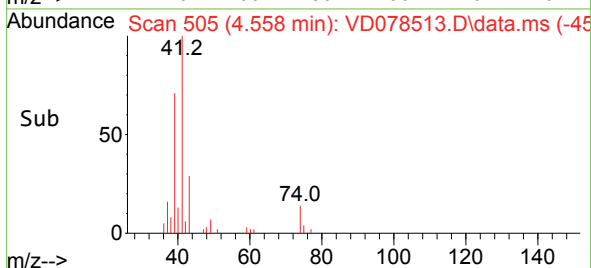
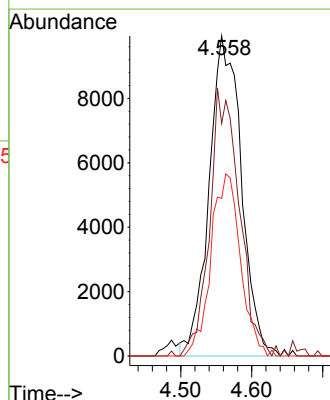
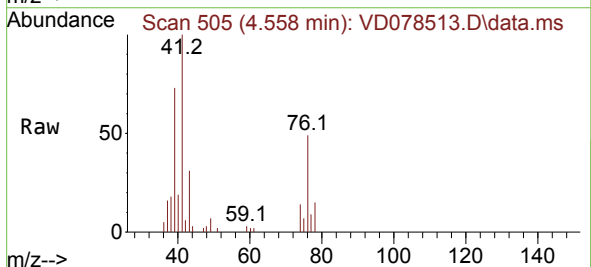
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

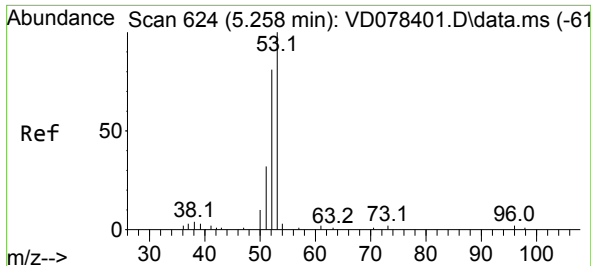
Tgt Ion: 56 Resp: 11161
Ion Ratio Lower Upper
56 100
55 71.8 55.1 82.7



#14
Allyl chloride
Concen: 19.719 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 41 Resp: 31334
Ion Ratio Lower Upper
41 100
39 76.5 53.8 80.6
76 52.1 45.8 68.8

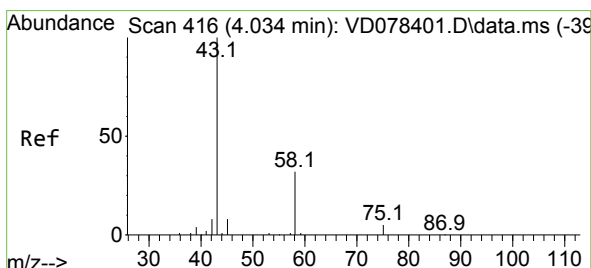
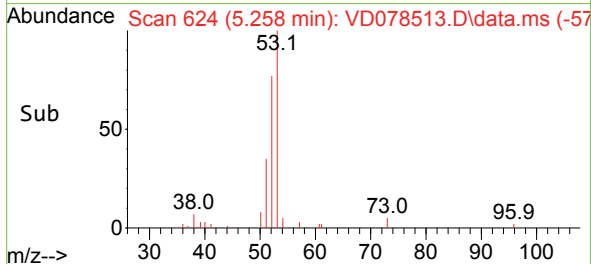
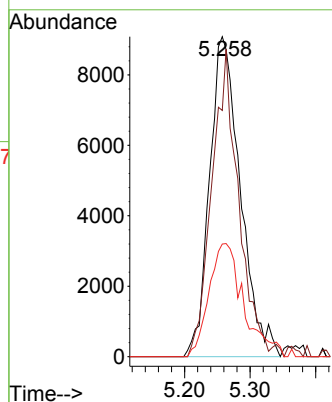
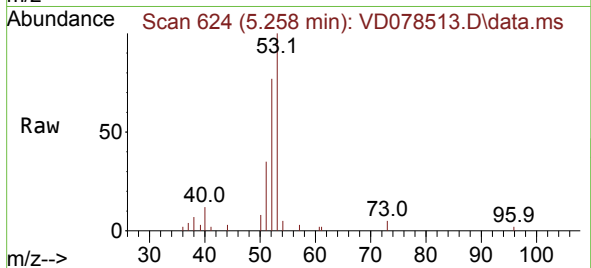




#15
Acrylonitrile
Concen: 109.354 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

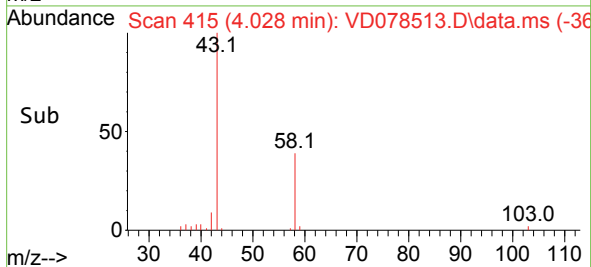
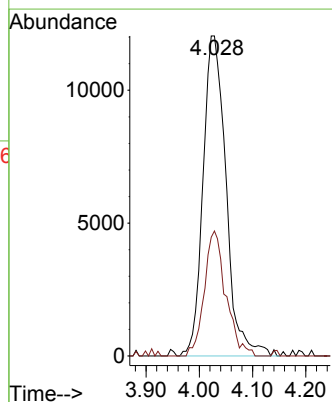
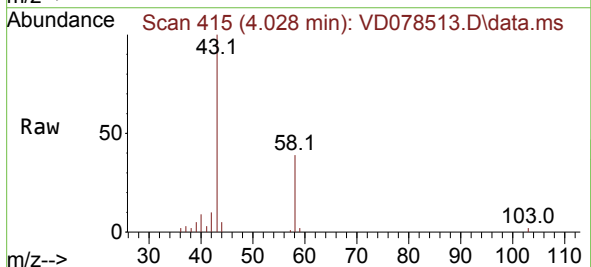
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

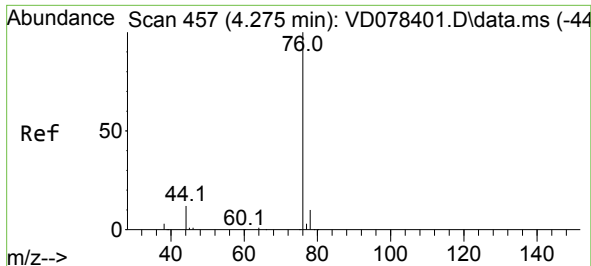
Tgt Ion:	53	Resp:	29653
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.0	97.4
51	39.7	28.3	42.5



#16
Acetone
Concen: 134.263 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:	43	Resp:	36167
Ion	Ratio	Lower	Upper
43	100		
58	39.0	34.7	52.1

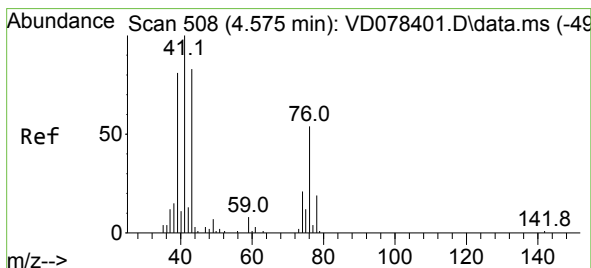
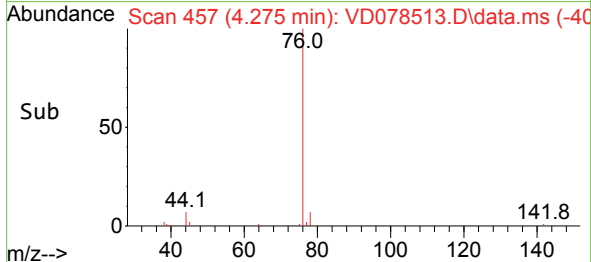
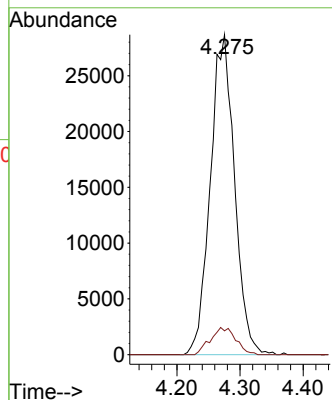
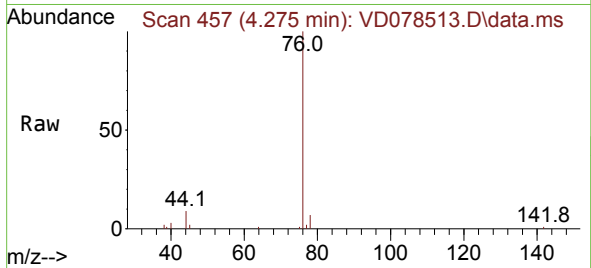




#17
Carbon Disulfide
Concen: 17.669 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

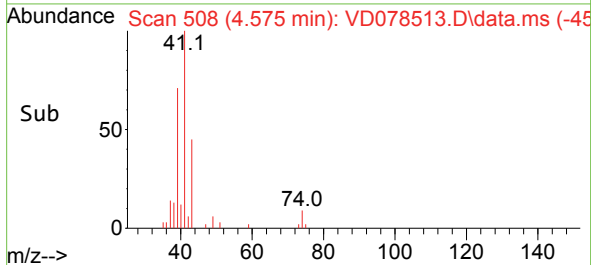
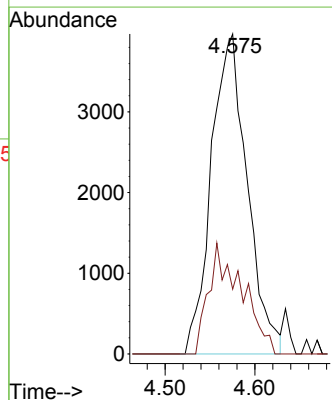
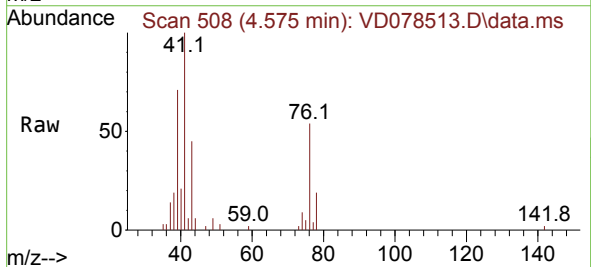
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

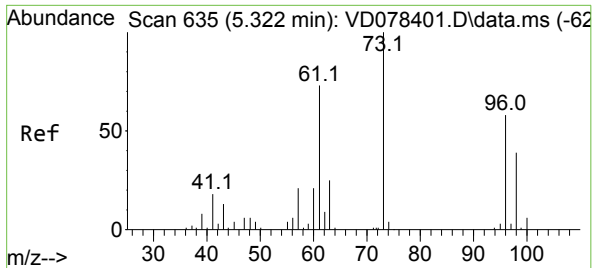
Tgt Ion: 76 Resp: 76472
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2



#18
Methyl Acetate
Concen: 15.123 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 43 Resp: 11013
Ion Ratio Lower Upper
43 100
74 32.1 26.4 39.6

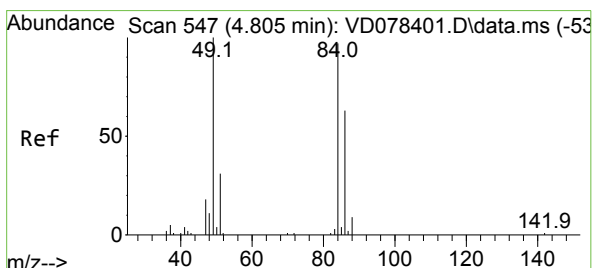
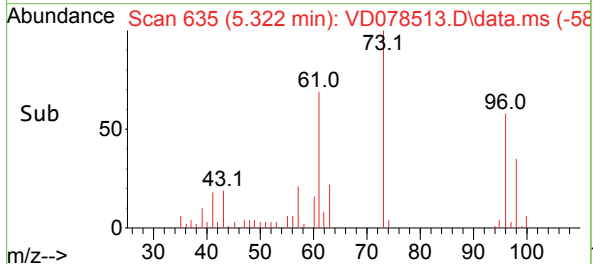
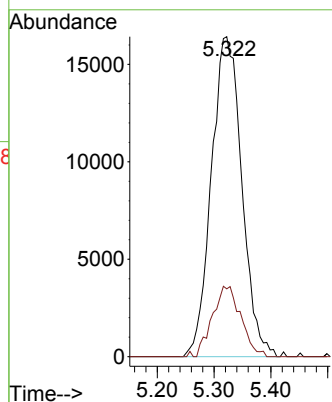
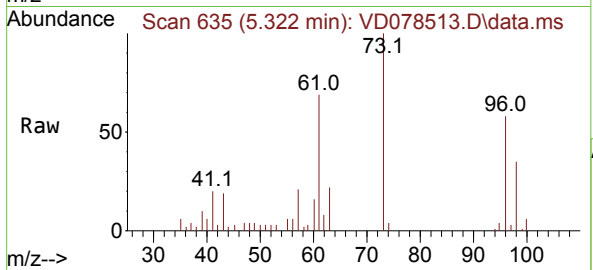




#19
Methyl tert-butyl Ether
Concen: 22.372 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

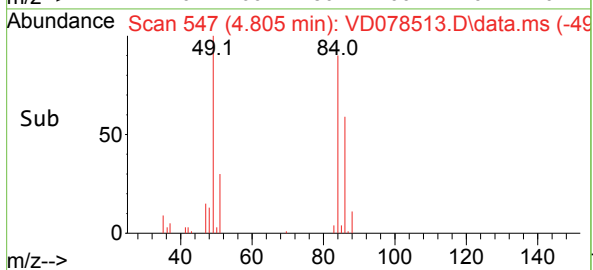
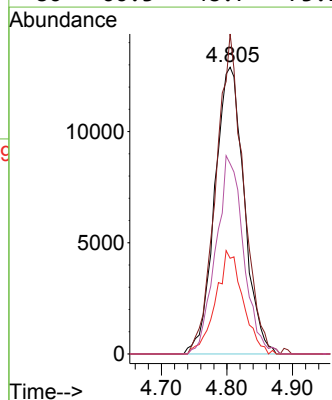
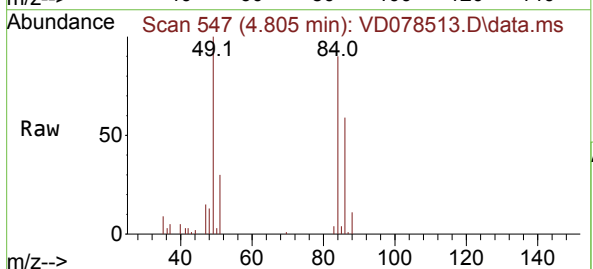
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

Tgt Ion: 73 Resp: 61138
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 26.264 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 84 Resp: 40076
Ion Ratio Lower Upper
84 100
49 111.6 71.4 107.2#
51 33.4 24.5 36.7
86 66.3 48.7 73.1

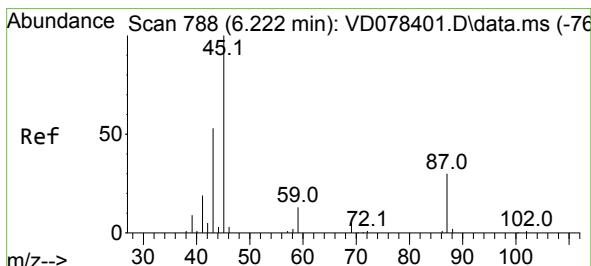
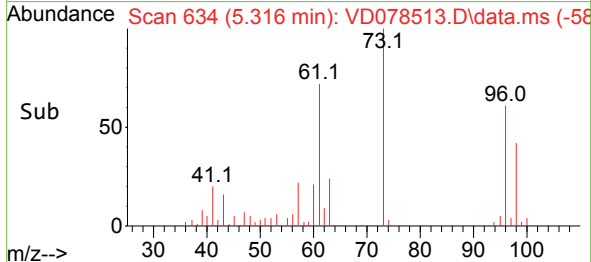
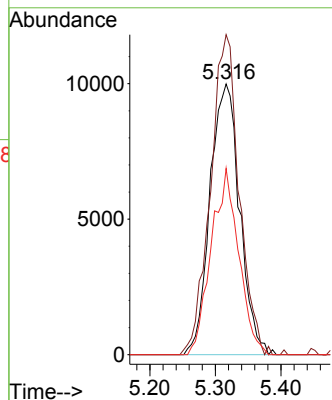
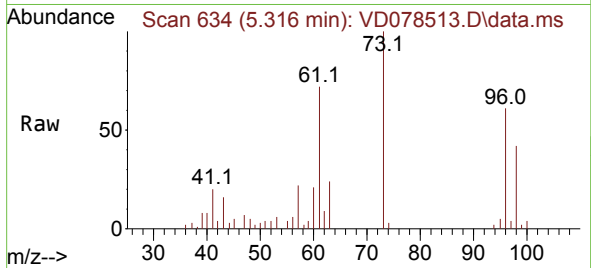




#21
trans-1,2-Dichloroethene
Concen: 20.739 ug/l
RT: 5.316 min Scan# 613
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

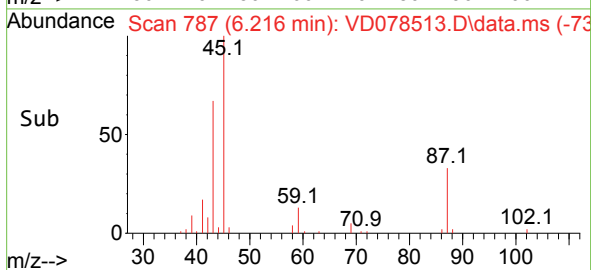
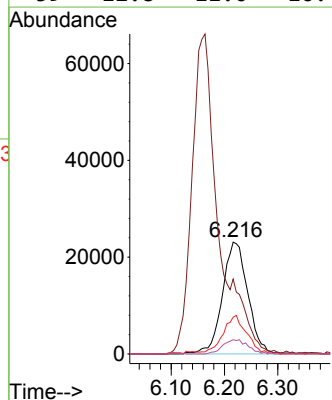
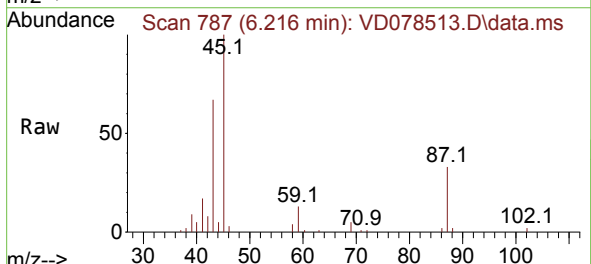
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

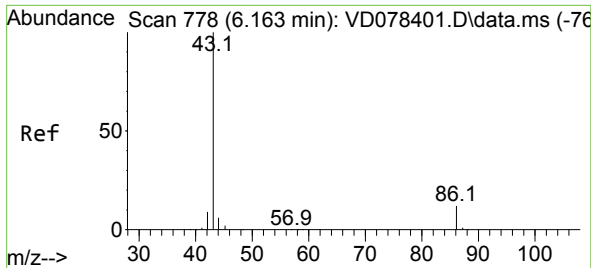
Tgt Ion: 96 Resp: 31381
Ion Ratio Lower Upper
96 100
61 118.2 89.3 133.9
98 68.8 48.6 73.0



#22
Diisopropyl ether
Concen: 21.852 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 45 Resp: 76531
Ion Ratio Lower Upper
45 100
43 65.7 40.0 60.0#
87 32.9 28.2 42.4
59 12.8 11.0 16.4

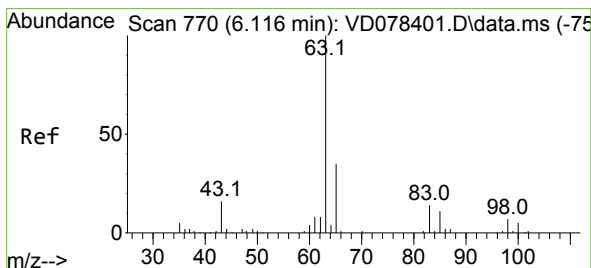
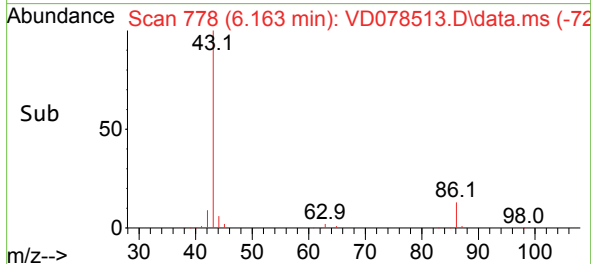
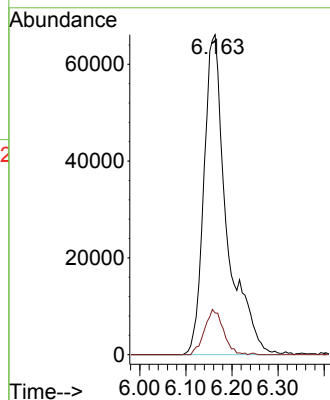
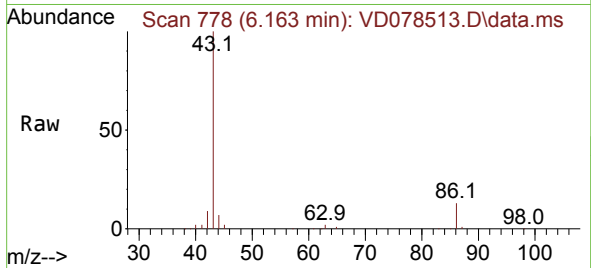




#23
 Vinyl Acetate
 Concen: 154.643 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

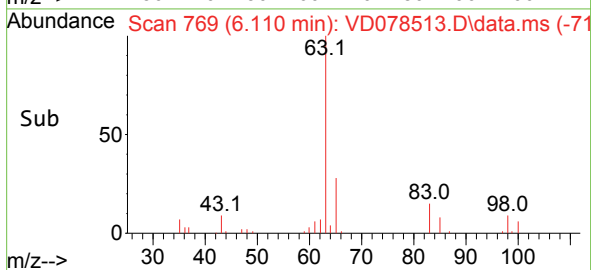
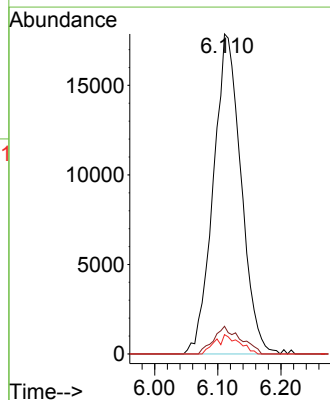
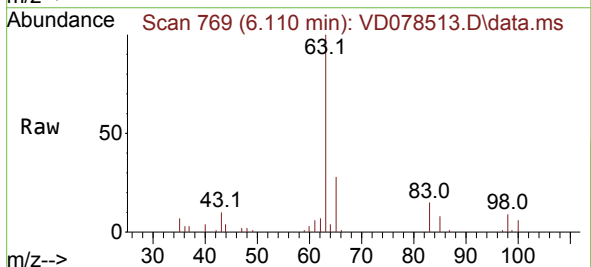
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

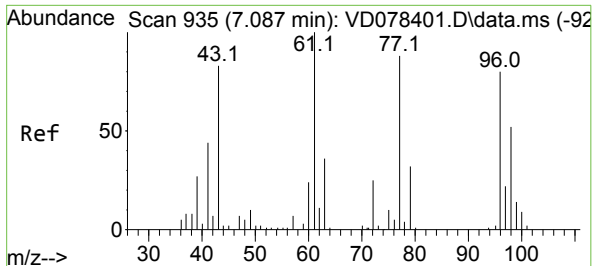
Tgt Ion: 43 Resp: 229648
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.982 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

Tgt Ion: 63 Resp: 54538
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 6.1 2.5 7.5

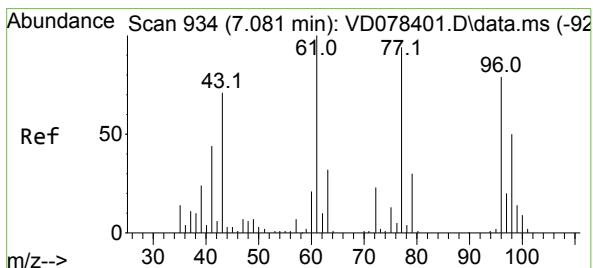
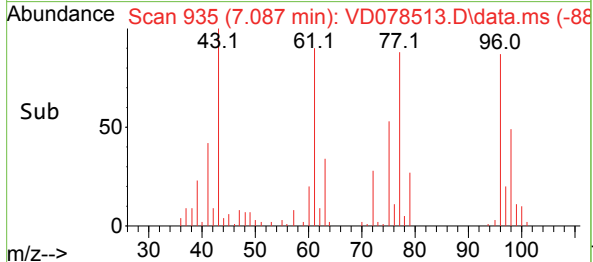
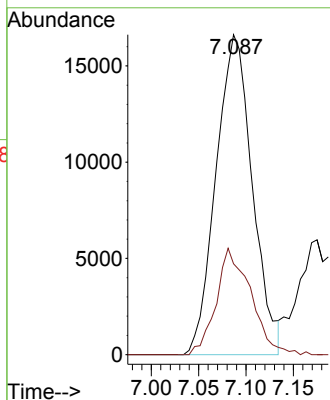
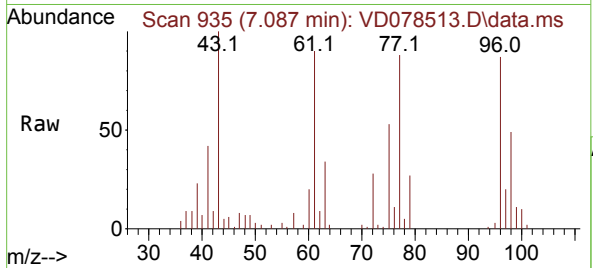




#25
2-Butanone
Concen: 129.727 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

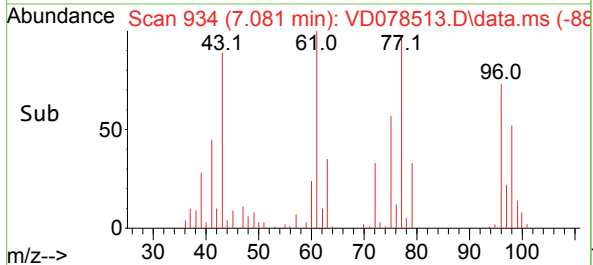
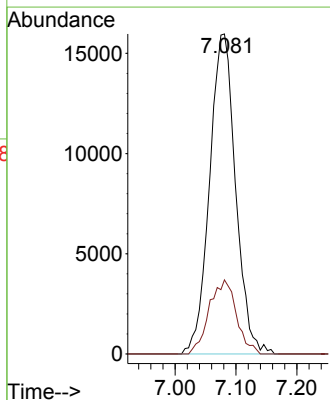
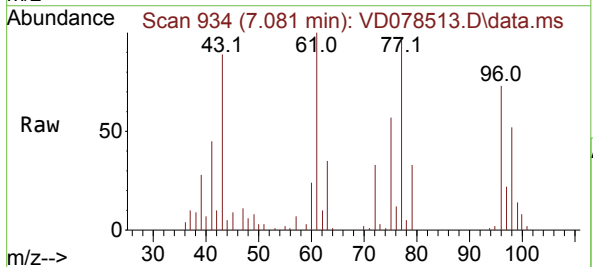
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

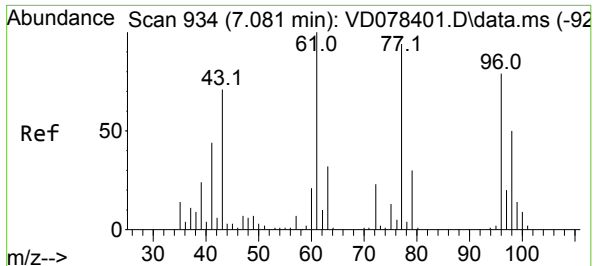
Tgt Ion: 43 Resp: 44373
Ion Ratio Lower Upper
43 100
72 28.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.808 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 77 Resp: 47437
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6

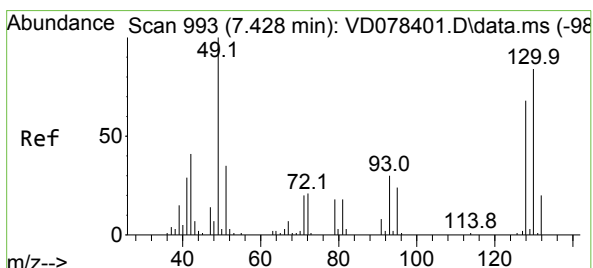
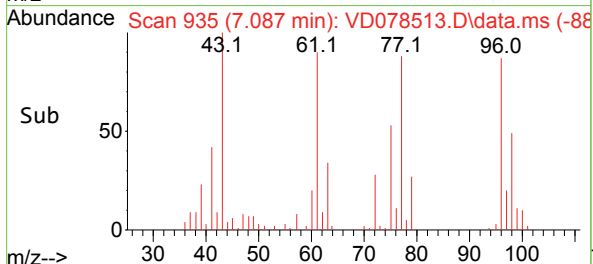
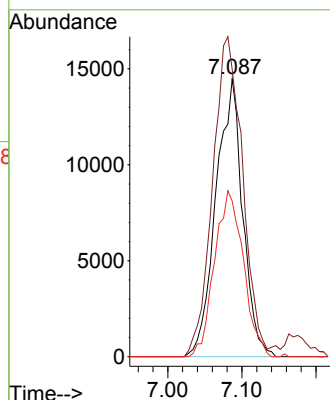
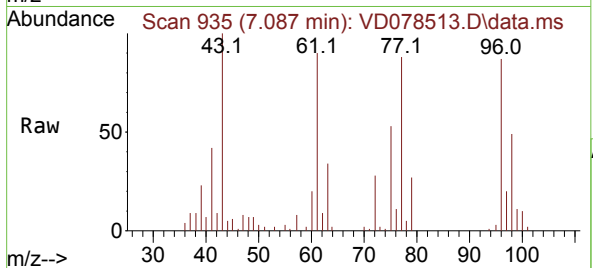




#27
cis-1,2-Dichloroethene
Concen: 21.873 ug/l
RT: 7.087 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

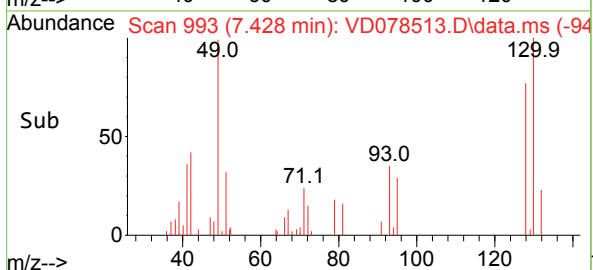
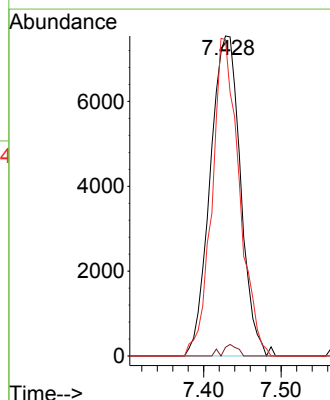
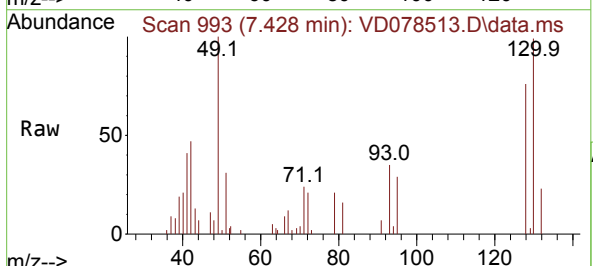
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

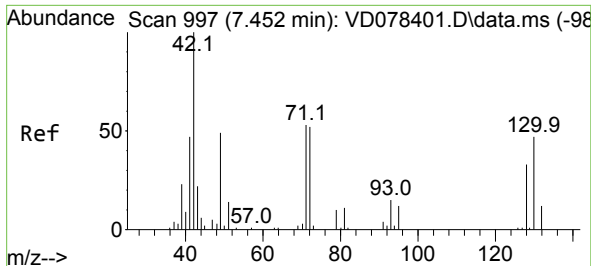
Tgt Ion: 96 Resp: 36313
Ion Ratio Lower Upper
96 100
61 129.0 0.0 239.2
98 64.4 0.0 128.6



#28
Bromochloromethane
Concen: 20.813 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 49 Resp: 20452
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 89.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 106.933 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

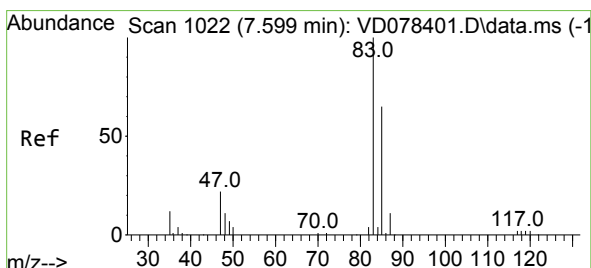
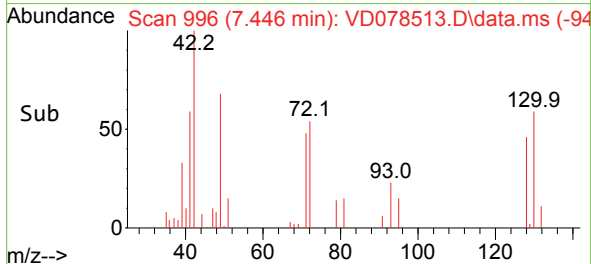
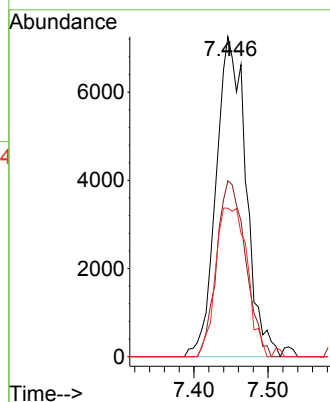
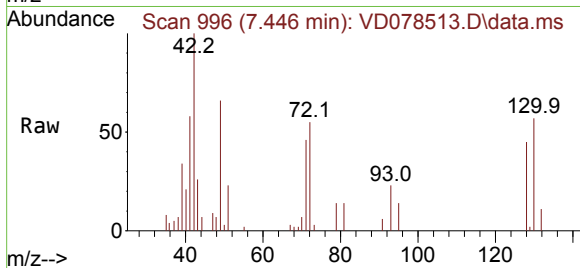
Tgt Ion: 42 Resp: 20288

Ion Ratio Lower Upper

42 100

72 53.0 46.5 69.7

71 49.1 44.5 66.7



#30

Chloroform

Concen: 22.917 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078513.D

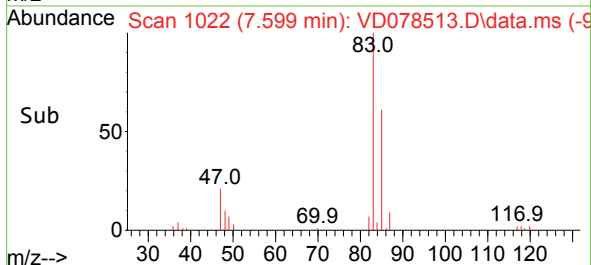
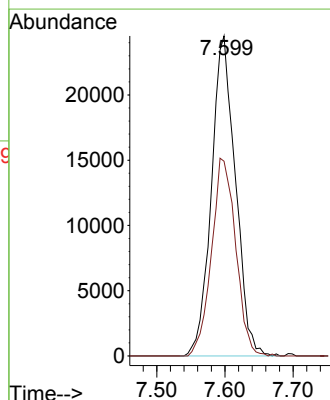
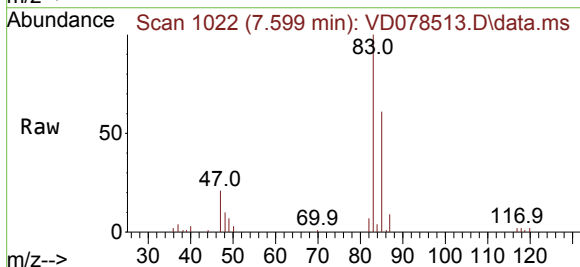
Acq: 22 Feb 2024 13:13

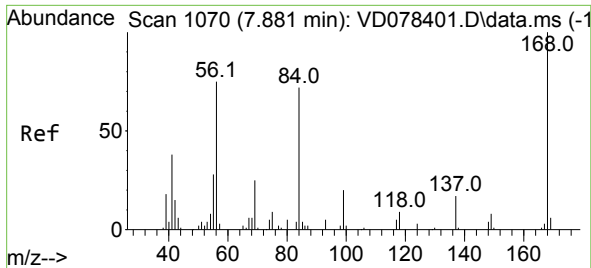
Tgt Ion: 83 Resp: 60158

Ion Ratio Lower Upper

83 100

85 60.9 53.4 80.2

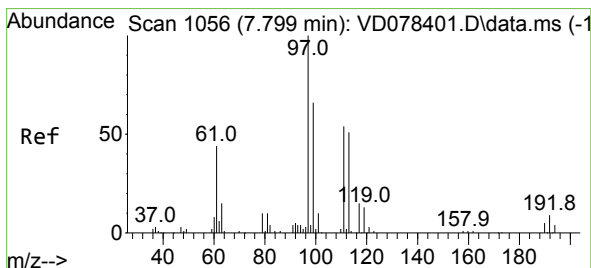
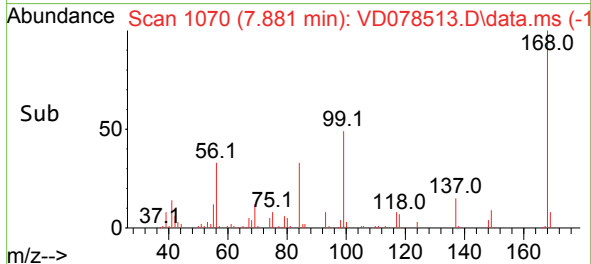
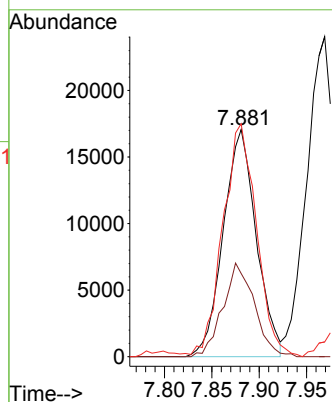
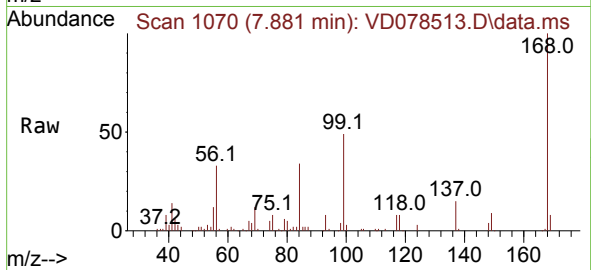




#31
Cyclohexane
Concen: 19.153 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

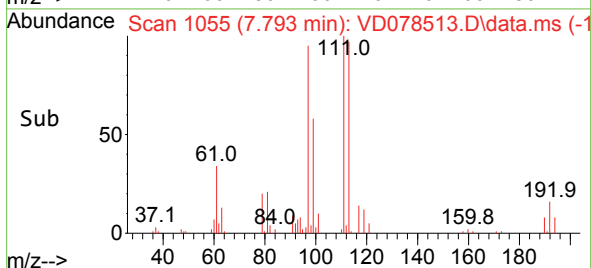
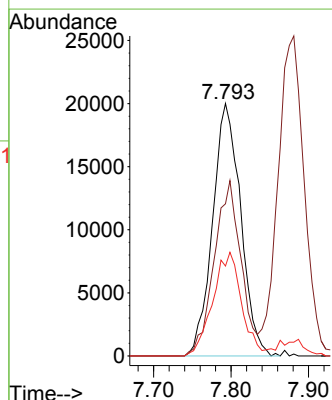
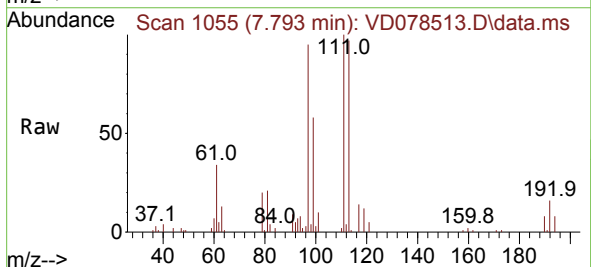
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

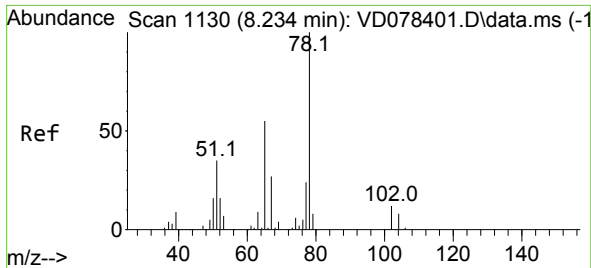
Tgt Ion: 56 Resp: 41333
Ion Ratio Lower Upper
56 100
69 36.6 28.6 43.0
84 101.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.541 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 97 Resp: 50448
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.649 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

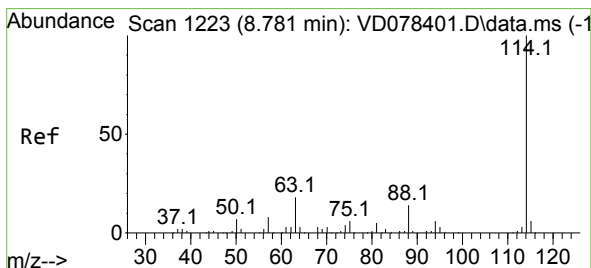
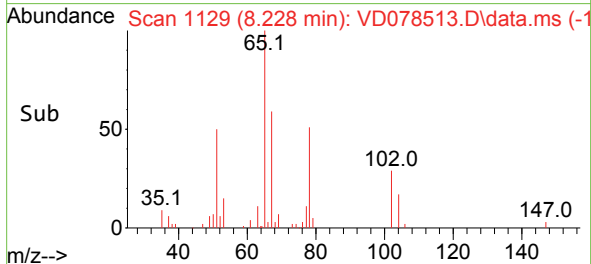
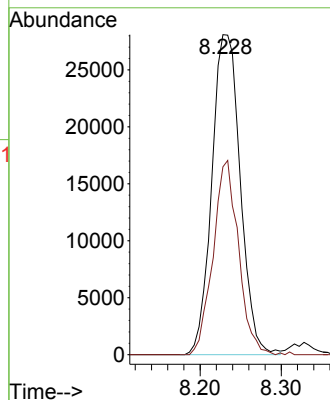
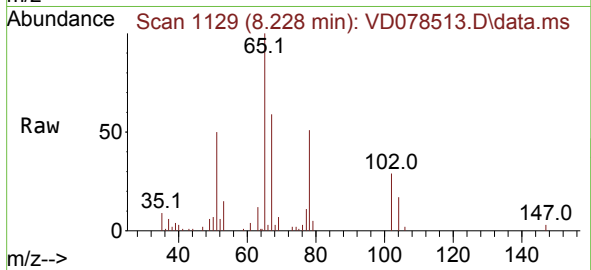
VD0222SBSD01

Tgt Ion: 65 Resp: 68443

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

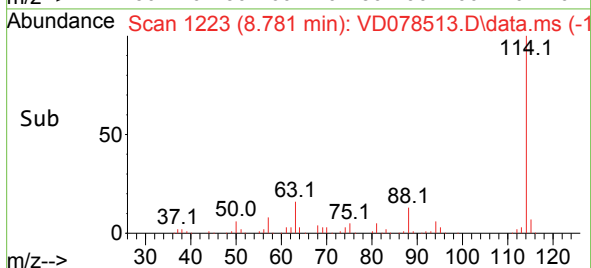
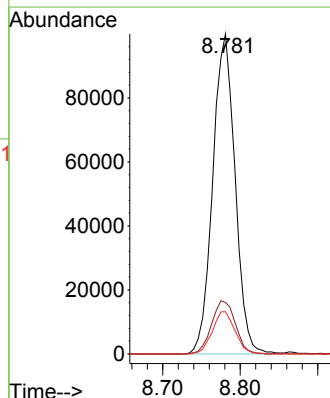
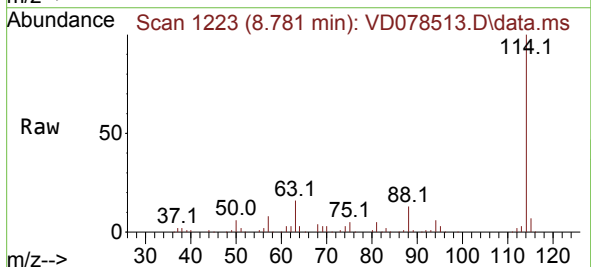
Tgt Ion:114 Resp: 200657

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 13.2 0.0 26.2

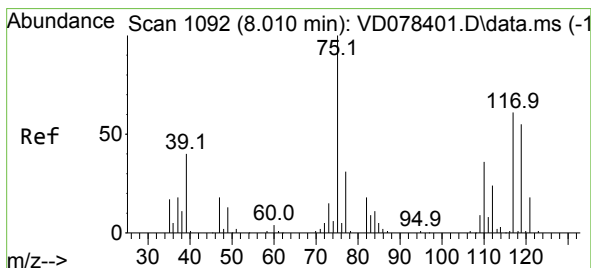
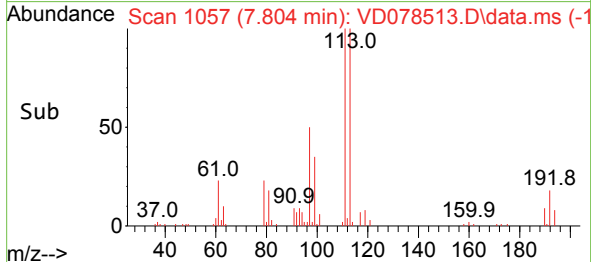
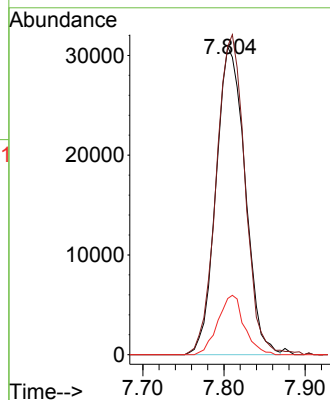
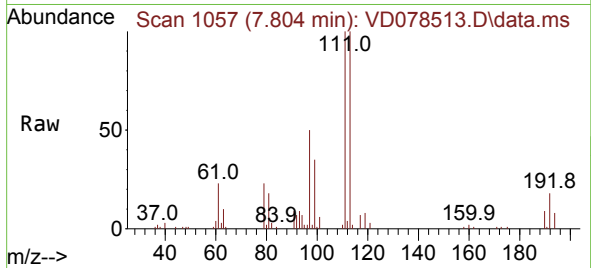




#35
Dibromofluoromethane
Concen: 60.316 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

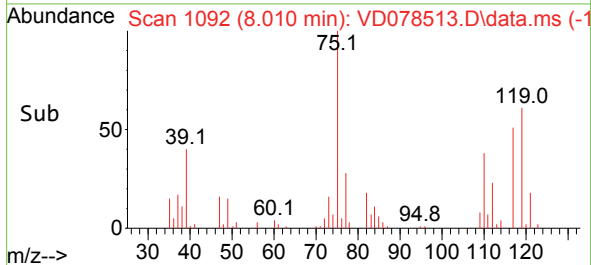
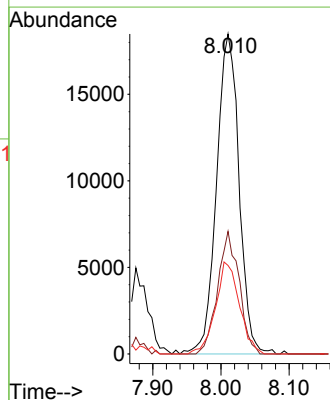
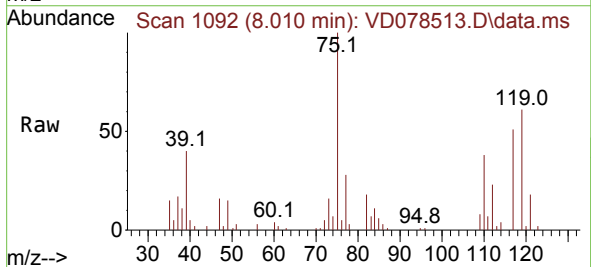
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

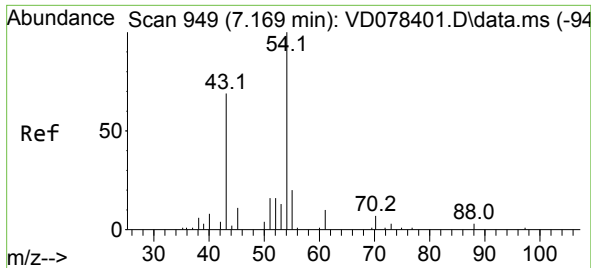
Tgt Ion:113 Resp: 76880
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 17.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.467 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 75 Resp: 42507
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 30.4 24.7 37.1

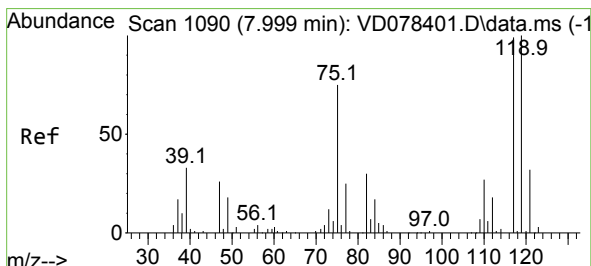
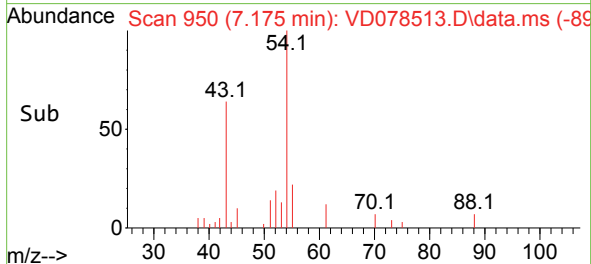
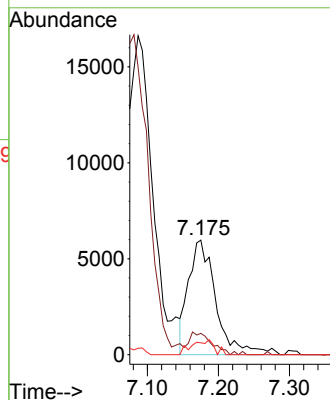
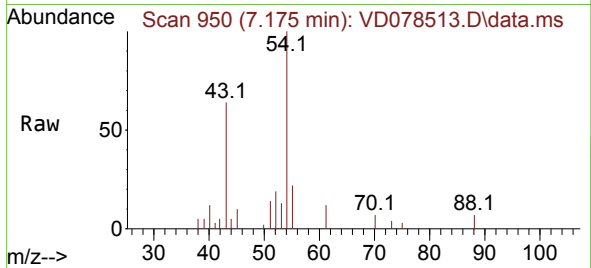




#37
Ethyl Acetate
Concen: 23.104 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

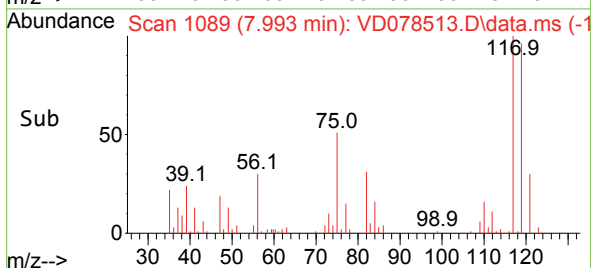
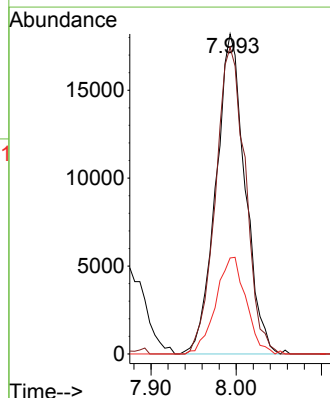
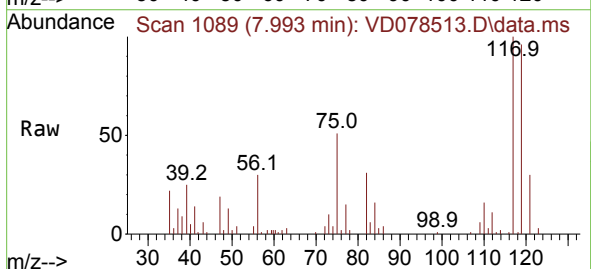
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

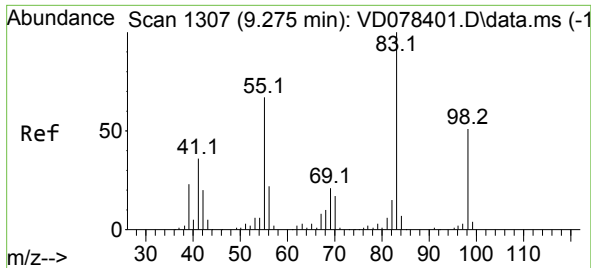
Tgt Ion: 43 Resp: 16037
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 10.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 22.084 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 117 Resp: 43305
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
121 30.0 24.2 36.2

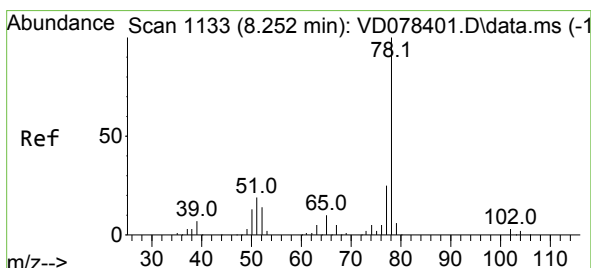
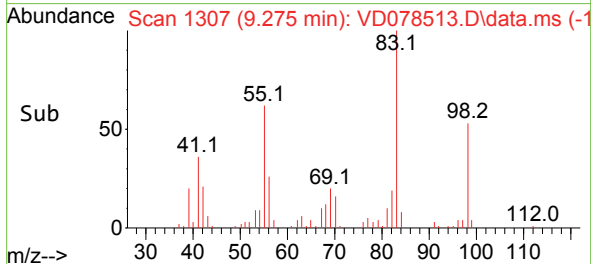
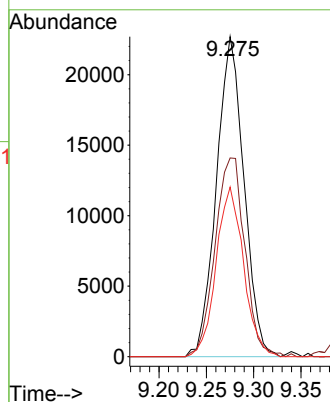
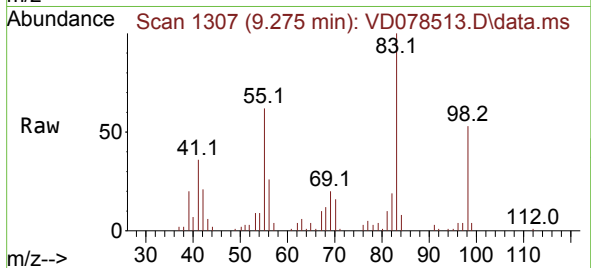




#39
Methylcyclohexane
Concen: 19.552 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

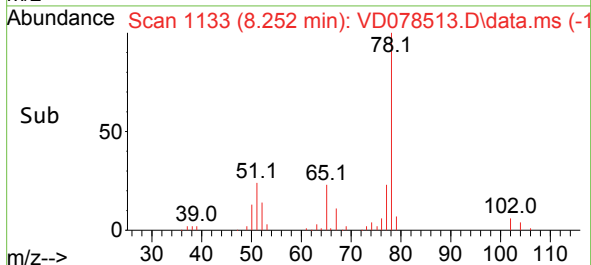
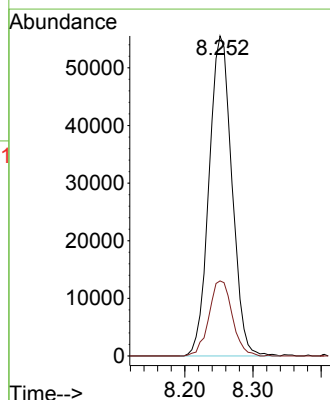
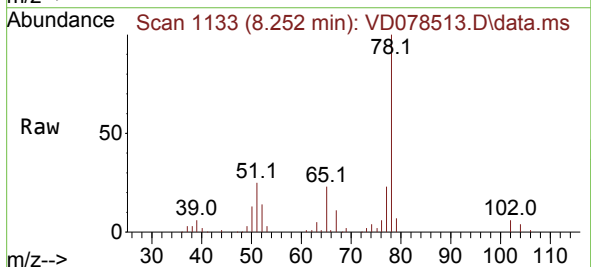
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

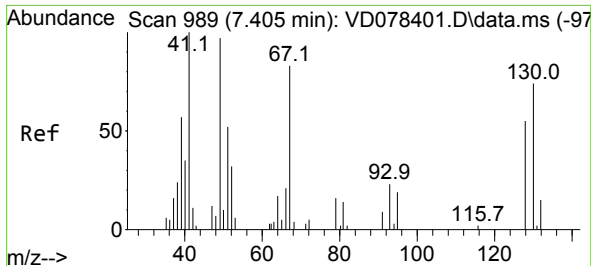
Tgt Ion: 83	Resp: 45960
Ion Ratio	Lower Upper
83	100
55	62.1 49.4 74.0
98	53.0 38.4 57.6



#40
Benzene
Concen: 22.644 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 78	Resp: 129597
Ion Ratio	Lower Upper
78	100
77	23.4 19.4 29.0

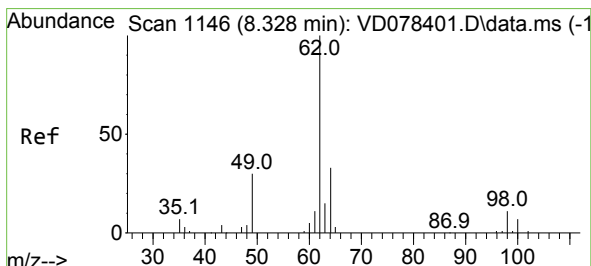
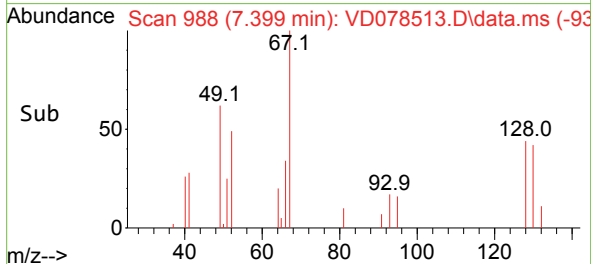
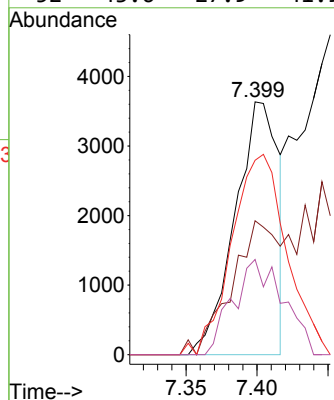
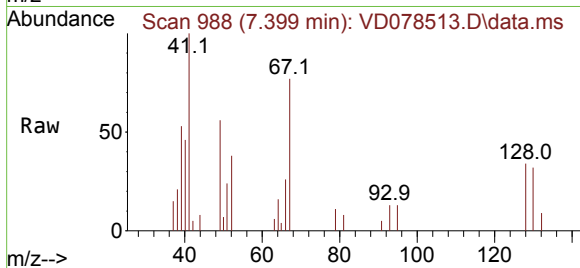




#41
Methacrylonitrile
Concen: 21.343 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

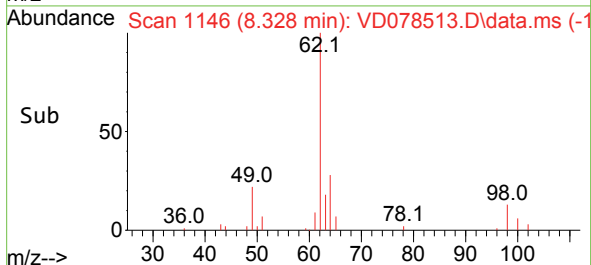
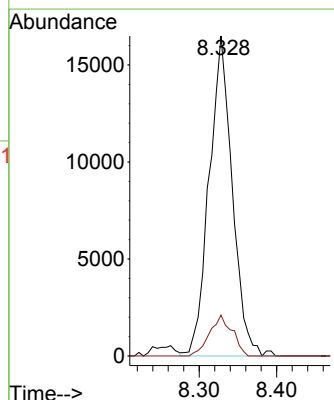
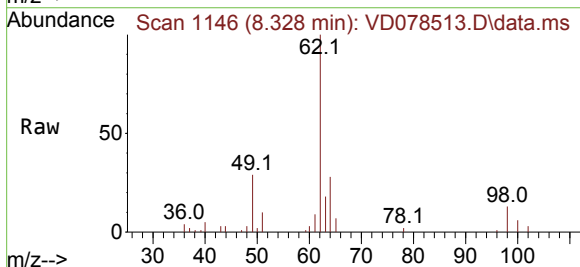
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

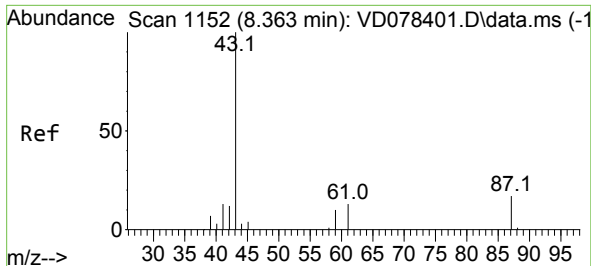
Tgt Ion:	41	Resp:	7710
Ion	Ratio	Lower	Upper
41	100		
39	57.2	34.0	51.0#
67	100.0	77.0	115.4
52	43.6	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 23.117 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:	62	Resp:	34234
Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	25.4

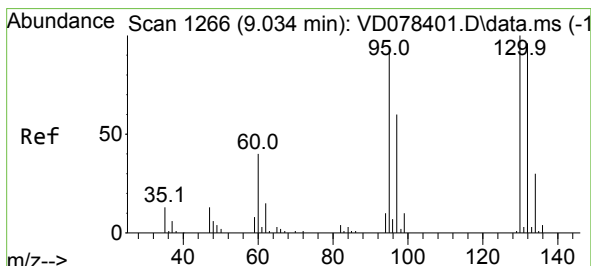
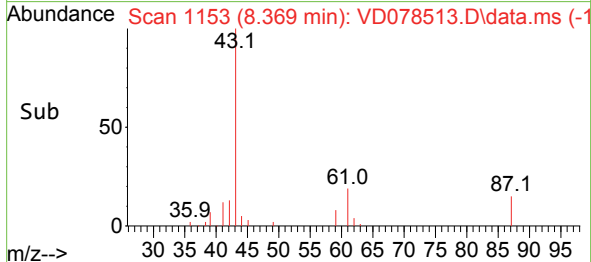
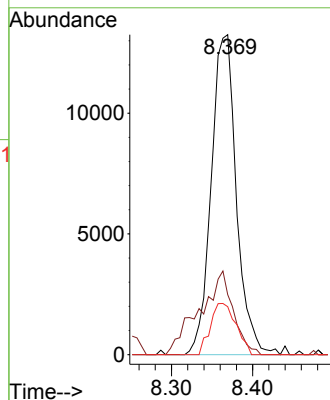
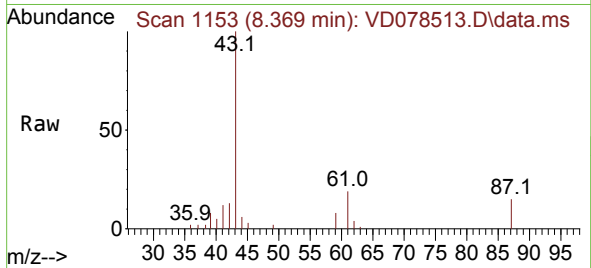




#43
Isopropyl Acetate
Concen: 22.229 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

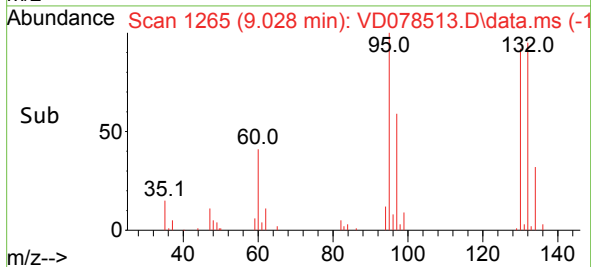
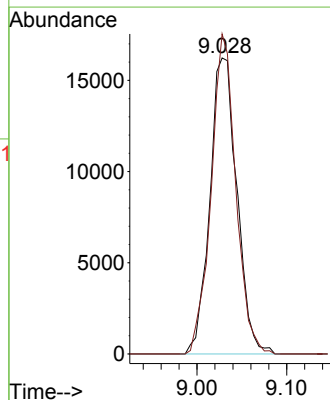
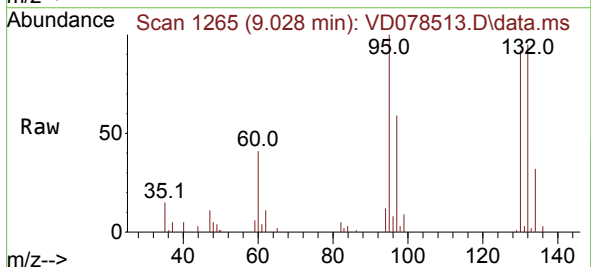
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

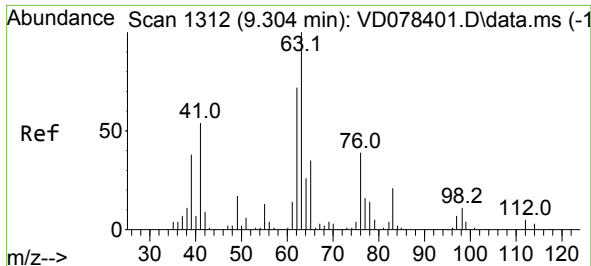
Tgt Ion: 43 Resp: 28571
Ion Ratio Lower Upper
43 100
61 35.1 31.4 47.0
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 23.312 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:130 Resp: 34038
Ion Ratio Lower Upper
130 100
95 108.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.349 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

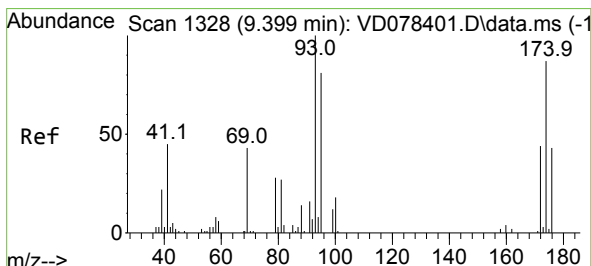
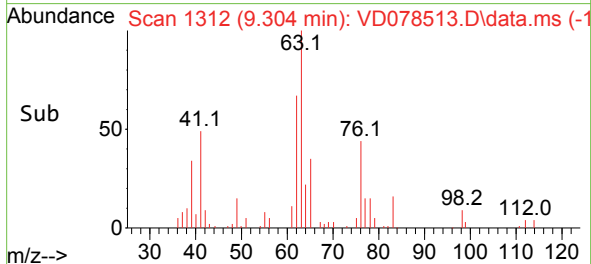
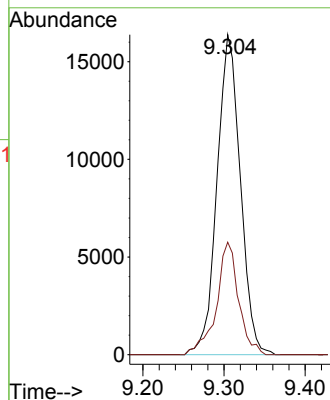
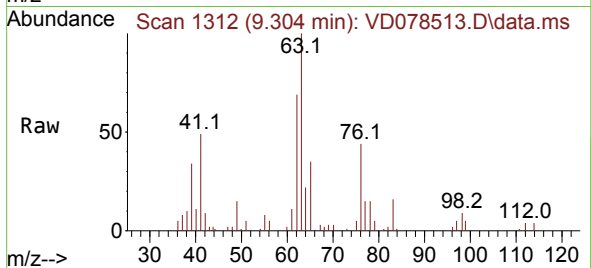
VD0222SBS01

Tgt Ion: 63 Resp: 32788

Ion Ratio Lower Upper

63 100

65 35.2 24.5 36.7



#46

Dibromomethane

Concen: 23.996 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

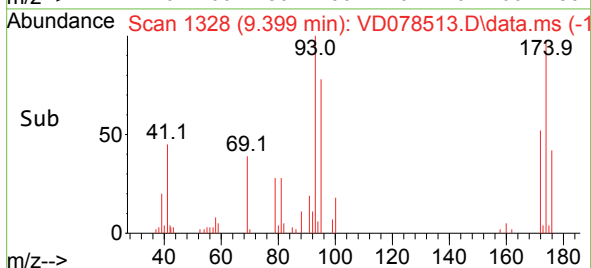
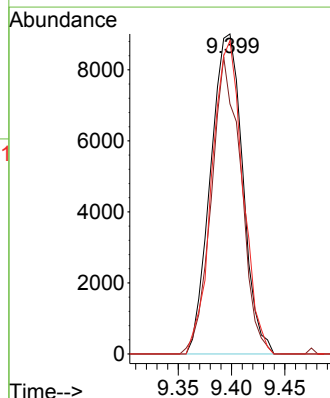
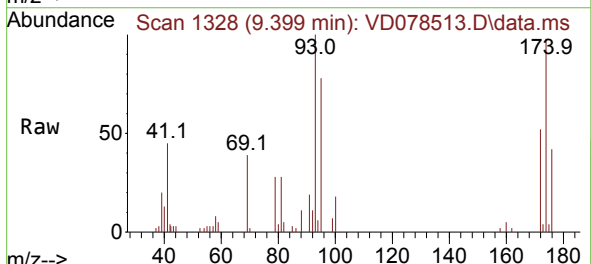
Tgt Ion: 93 Resp: 18953

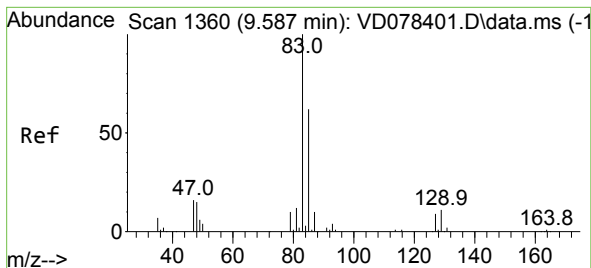
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 93.7 85.4 128.2





#47

Bromodichloromethane

Concen: 23.792 ug/l

RT: 9.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

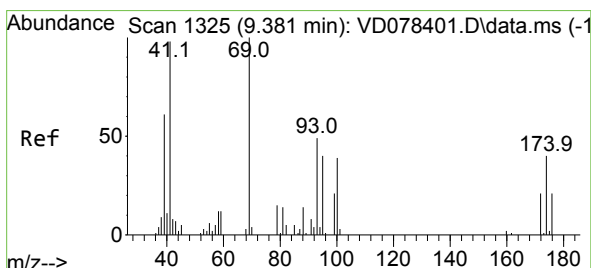
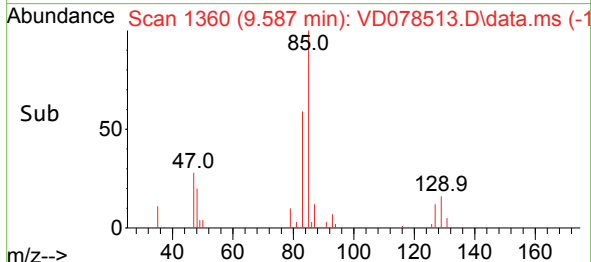
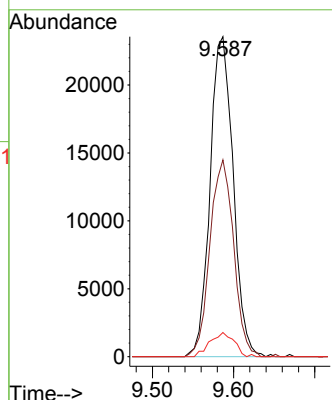
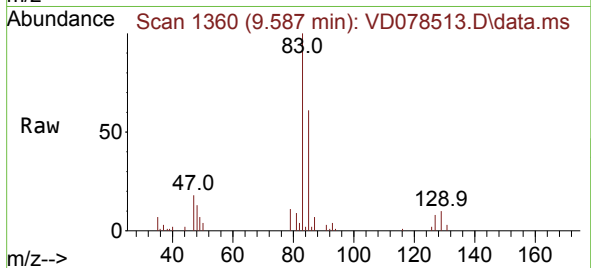
Tgt Ion: 83 Resp: 46545

Ion Ratio Lower Upper

83 100

85 61.5 50.2 75.4

127 7.6 6.3 9.5



#48

Methyl methacrylate

Concen: 18.937 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

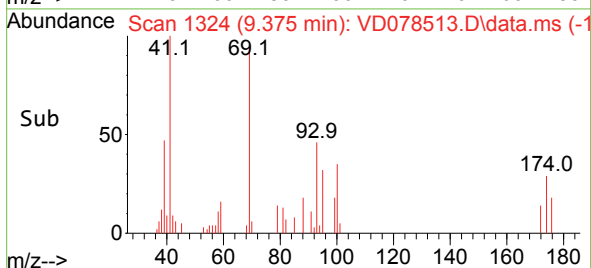
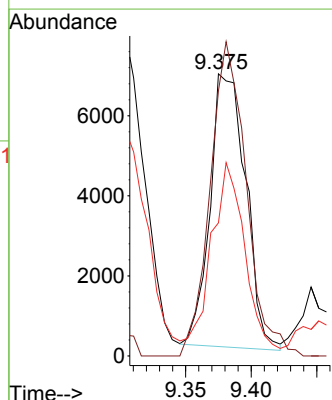
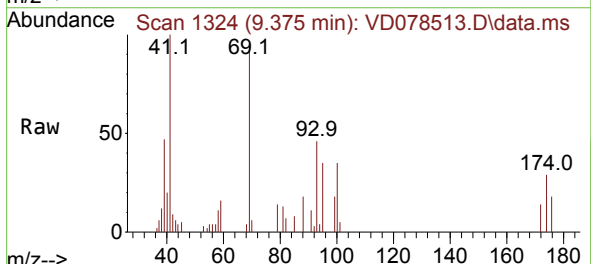
Tgt Ion: 41 Resp: 12913

Ion Ratio Lower Upper

41 100

69 116.7 102.2 153.2

39 68.1 41.4 62.2#





#49

1,4-Dioxane

Concen: 470.441 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

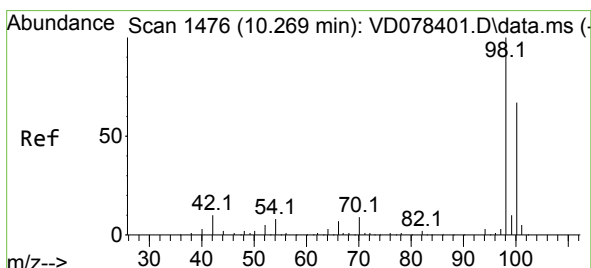
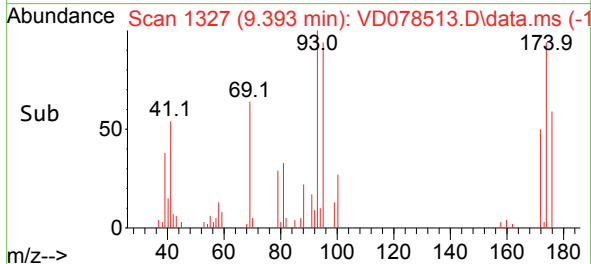
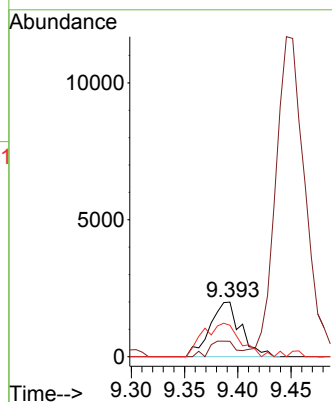
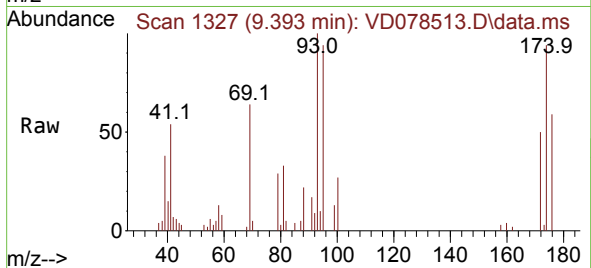
Tgt Ion: 88 Resp: 4024

Ion Ratio Lower Upper

88 100

43 24.5 19.0 28.6

58 73.8 43.5 65.3#



#50

Toluene-d8

Concen: 57.541 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078513.D

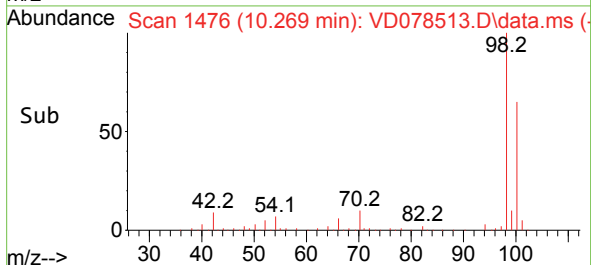
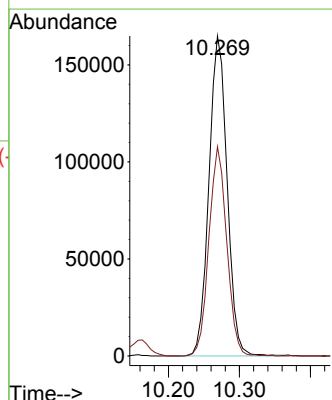
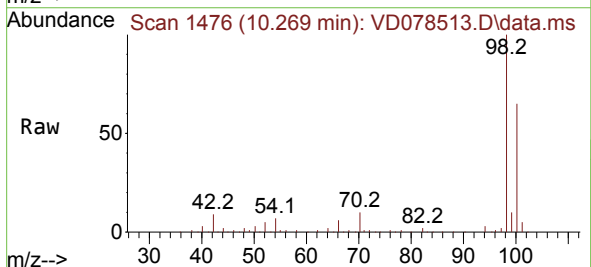
Acq: 22 Feb 2024 13:13

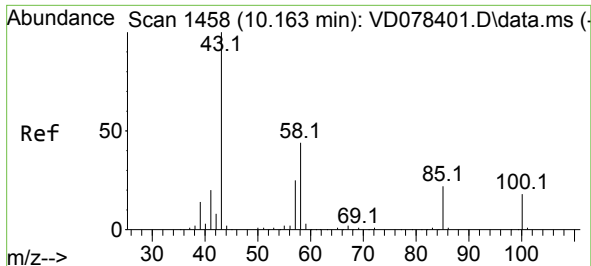
Tgt Ion: 98 Resp: 293390

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

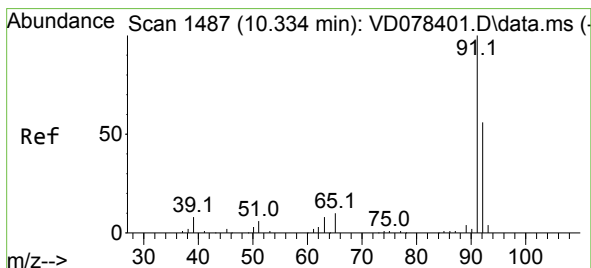
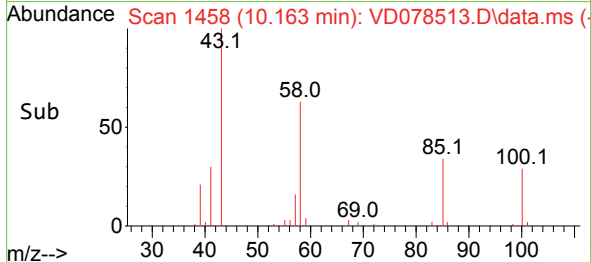
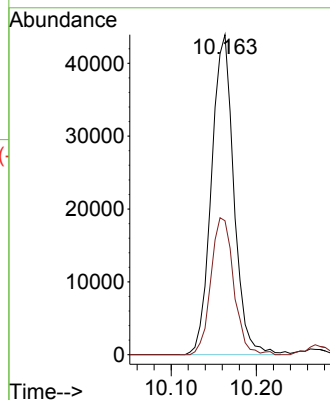
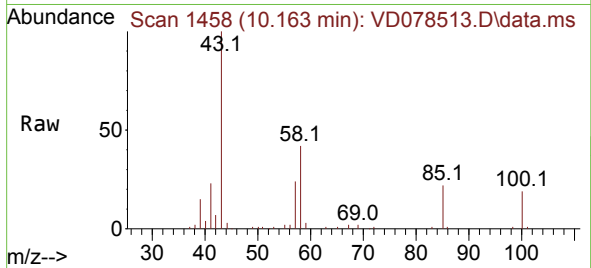




#51
4-Methyl-2-Pentanone
Concen: 117.412 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

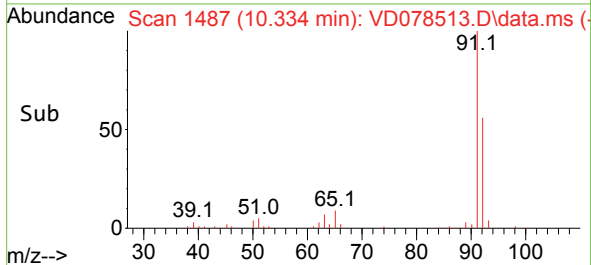
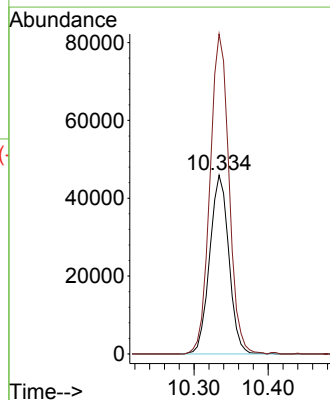
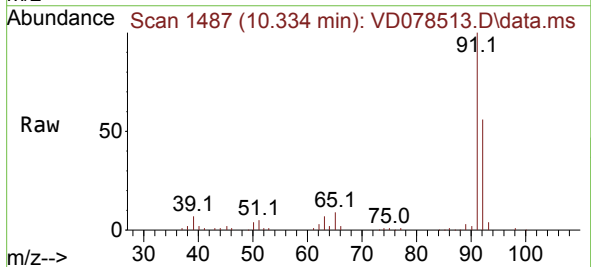
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

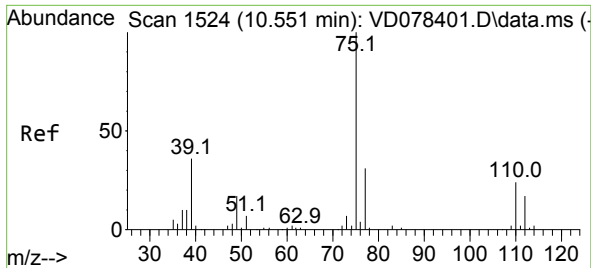
Tgt Ion: 43 Resp: 80096
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 22.794 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 92 Resp: 82498
Ion Ratio Lower Upper
92 100
91 177.6 143.0 214.4

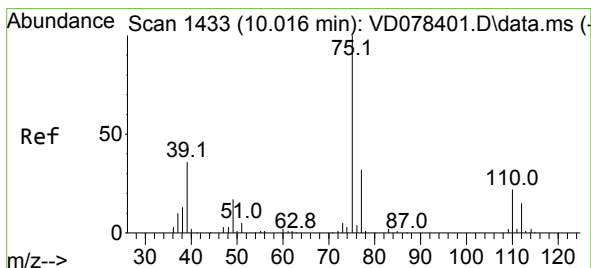
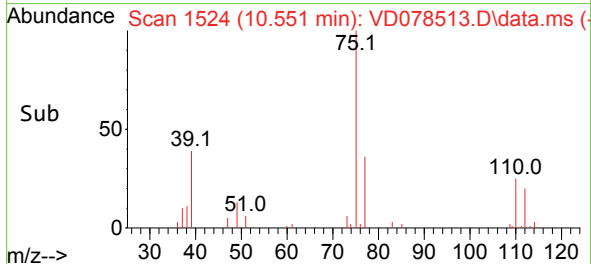
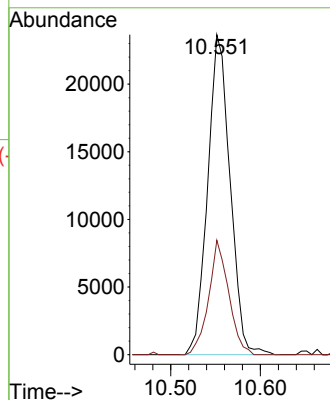
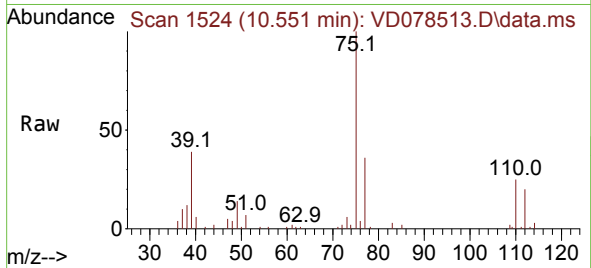




#53
 t-1,3-Dichloropropene
 Concen: 22.984 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

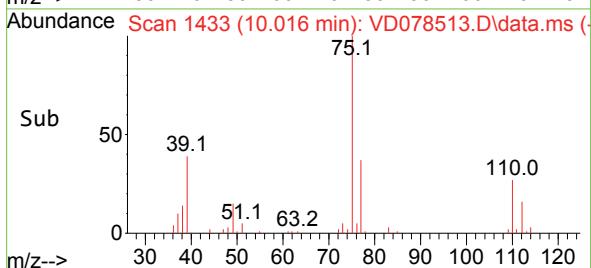
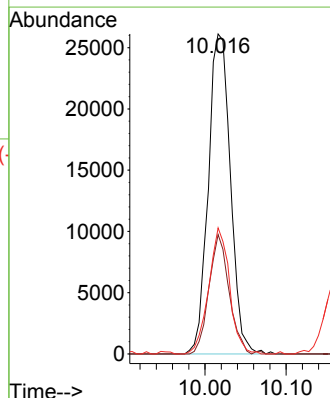
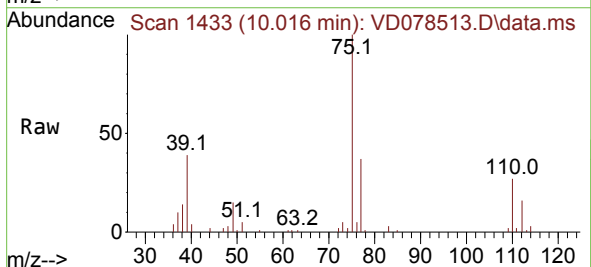
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

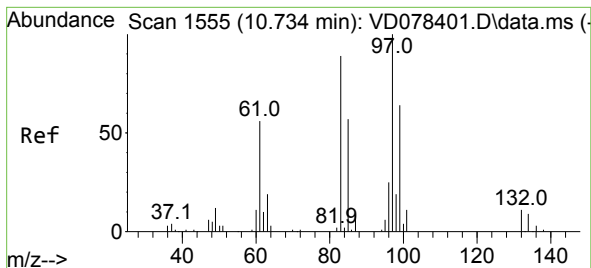
Tgt Ion: 75 Resp: 41028
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.910 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078513.D
 Acq: 22 Feb 2024 13:13

Tgt Ion: 75 Resp: 49589
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.5 38.3
 39 39.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 24.363 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

Tgt Ion: 97 Resp: 25914

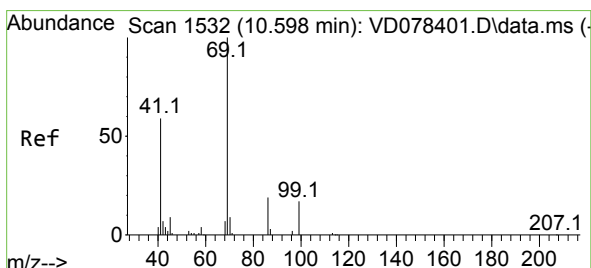
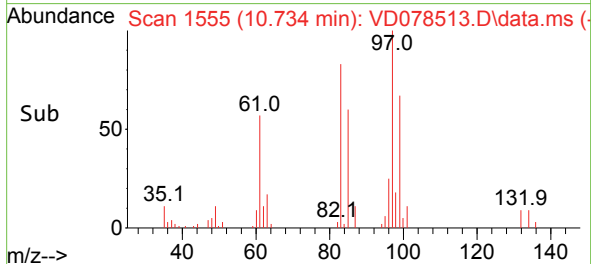
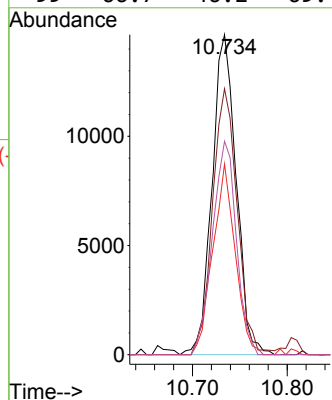
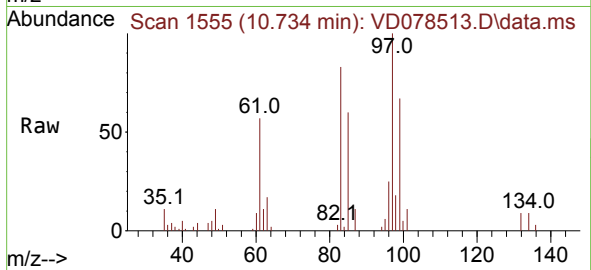
Ion Ratio Lower Upper

97 100

83 83.1 65.8 98.6

85 59.6 45.7 68.5

99 66.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 27.599 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

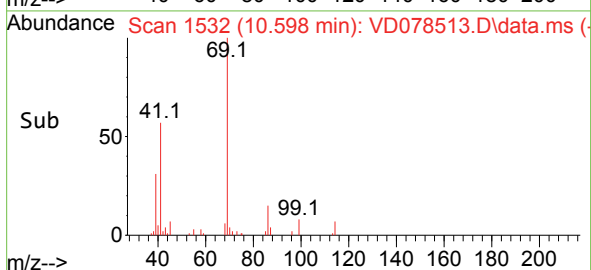
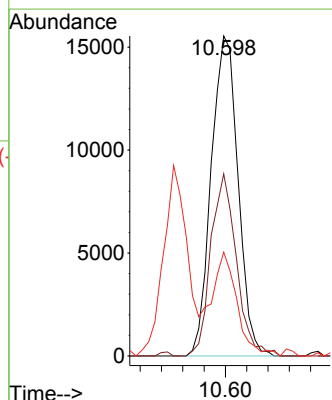
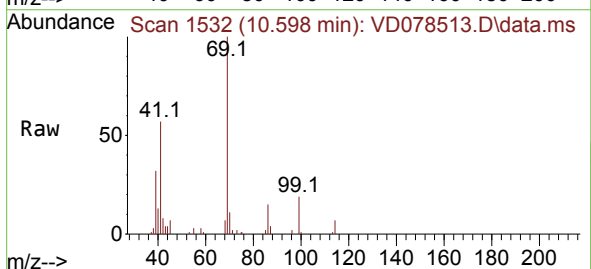
Tgt Ion: 69 Resp: 27150

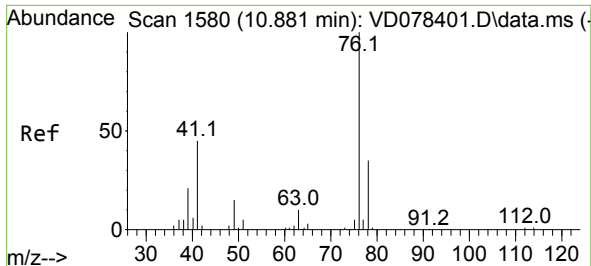
Ion Ratio Lower Upper

69 100

41 54.4 39.1 58.7

39 31.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 23.773 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

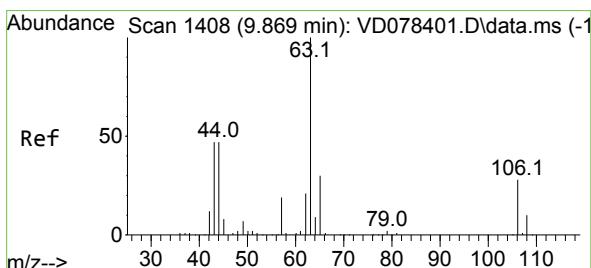
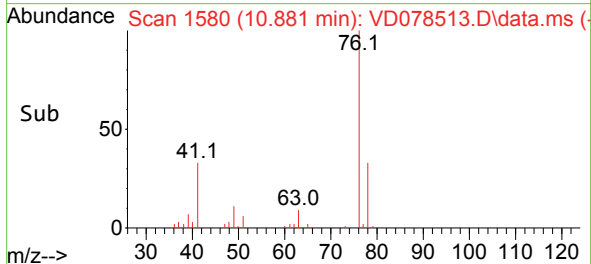
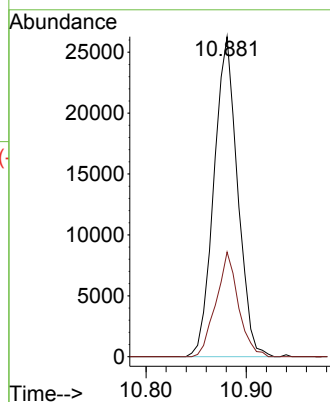
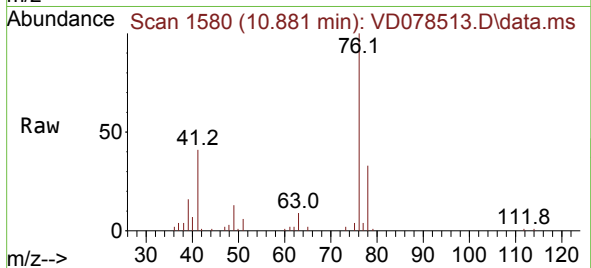
VD0222SBS01

Tgt Ion: 76 Resp: 43015

Ion Ratio Lower Upper

76 100

78 30.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 107.659 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078513.D

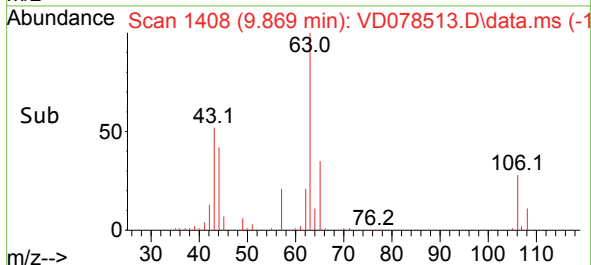
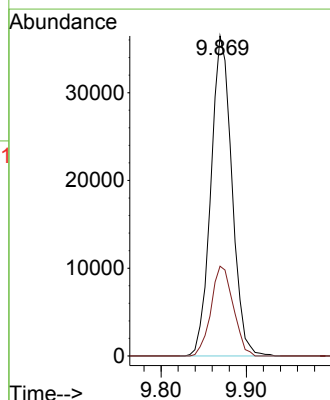
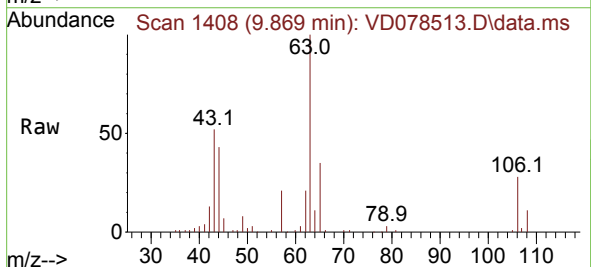
Acq: 22 Feb 2024 13:13

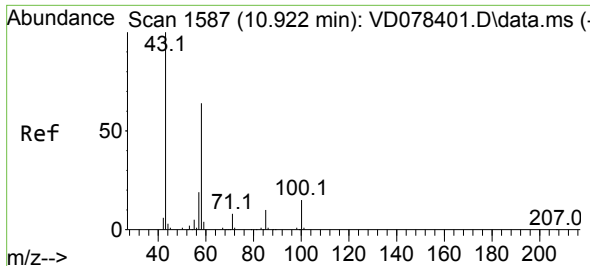
Tgt Ion: 63 Resp: 62385

Ion Ratio Lower Upper

63 100

106 29.6 25.3 37.9

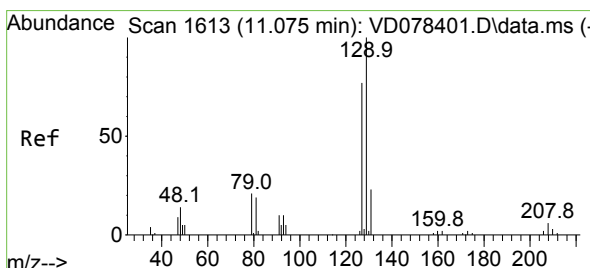
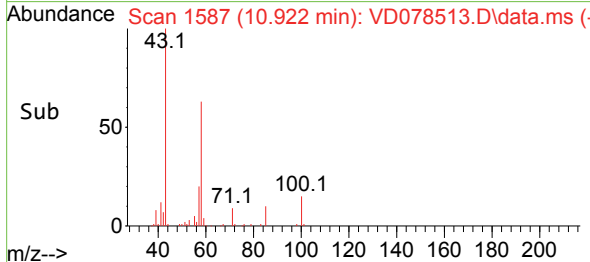
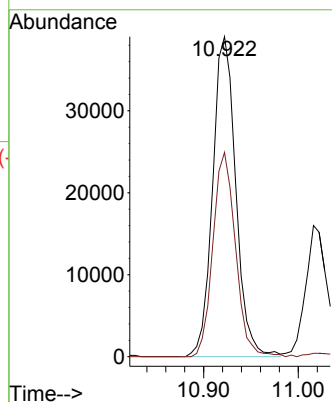
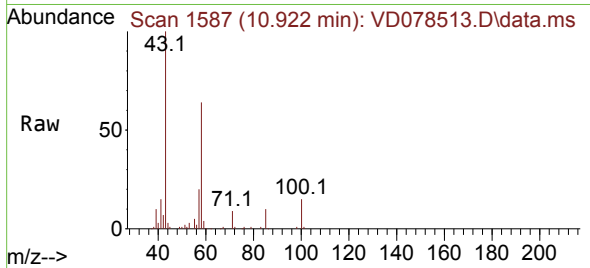




#59
2-Hexanone
Concen: 129.435 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

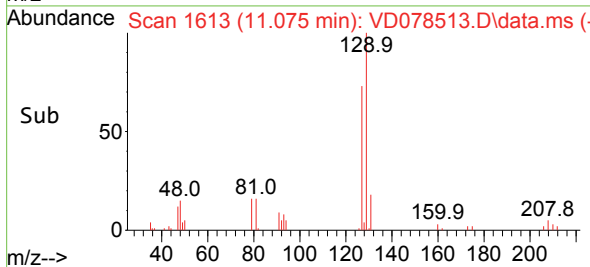
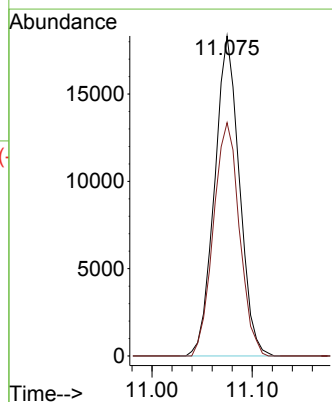
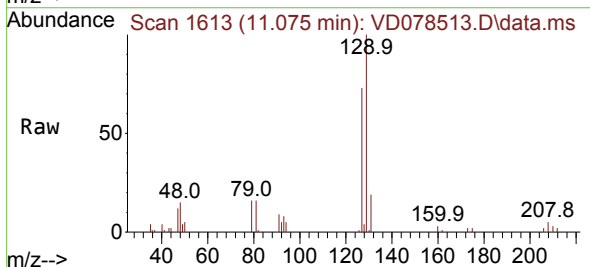
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

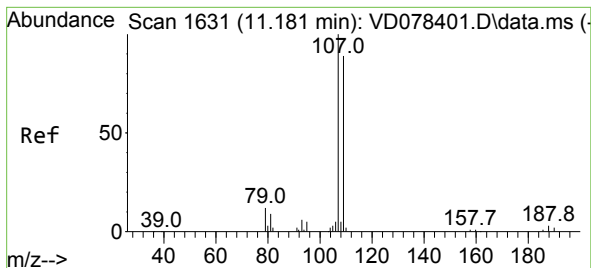
Tgt Ion: 43 Resp: 66357
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2



#60
Dibromochloromethane
Concen: 24.603 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 129 Resp: 31486
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5

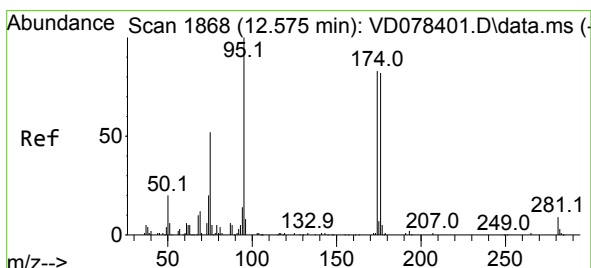
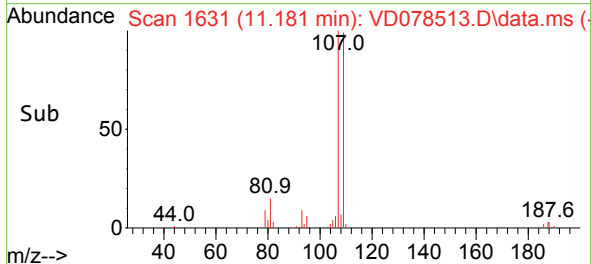
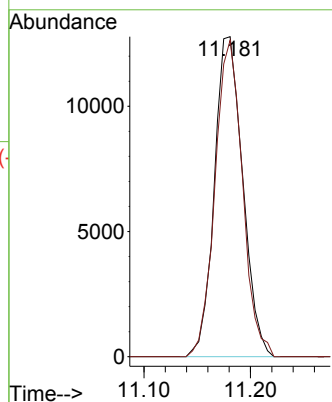
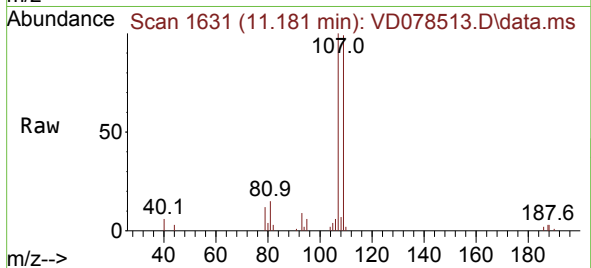




#61
1,2-Dibromoethane
Concen: 23.631 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

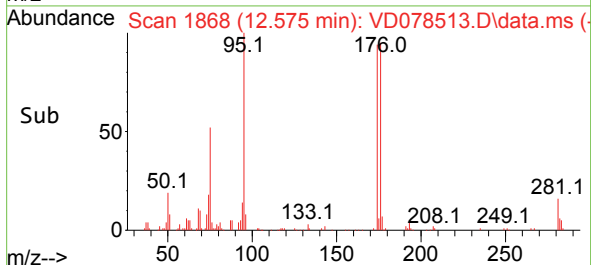
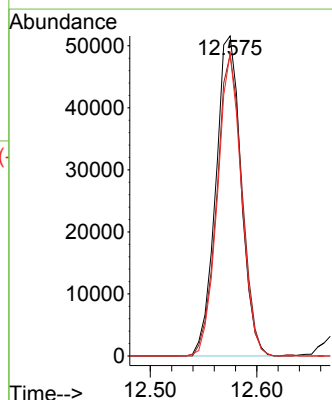
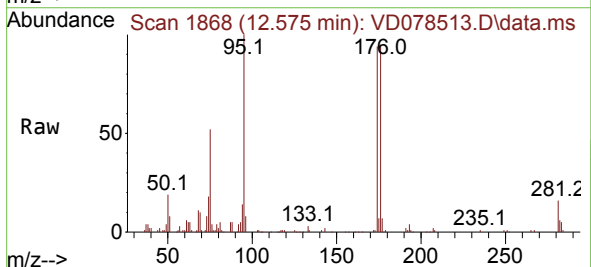
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

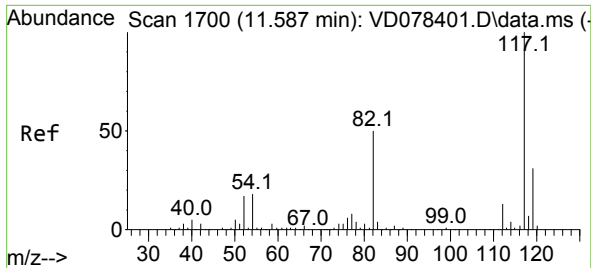
Tgt Ion:107 Resp: 23598
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.359 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 95 Resp: 85107
Ion Ratio Lower Upper
95 100
174 93.7 0.0 201.8
176 89.1 0.0 191.8

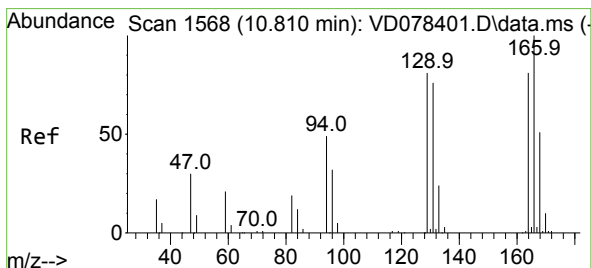
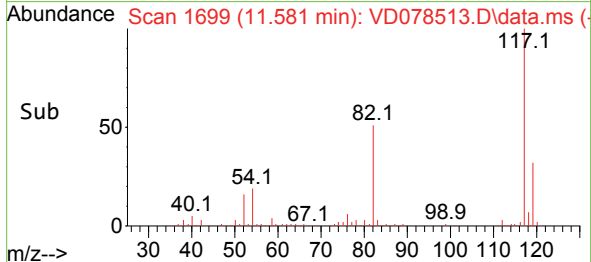
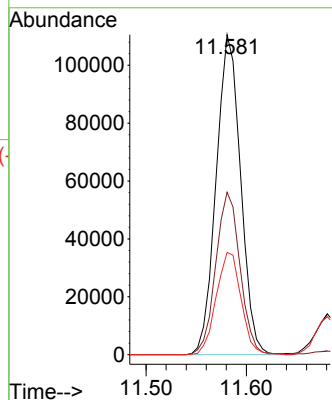
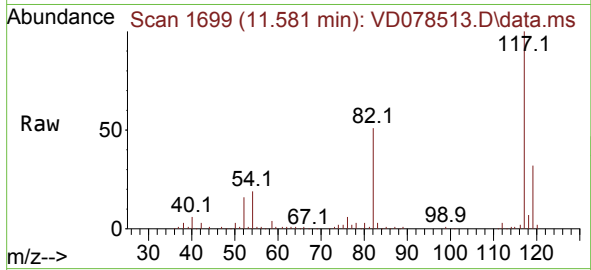




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

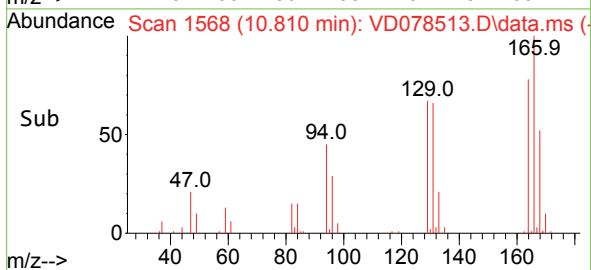
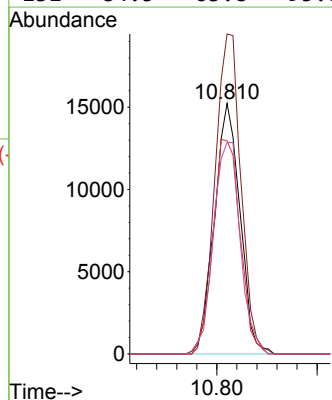
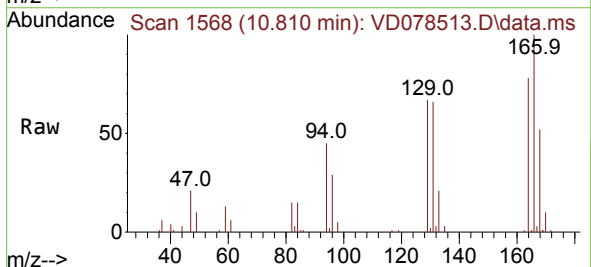
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

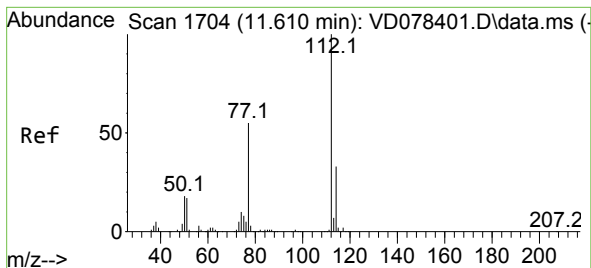
Tgt Ion:117 Resp: 187138
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 22.797 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:164 Resp: 26946
Ion Ratio Lower Upper
164 100
166 127.7 99.2 148.8
129 85.1 68.4 102.6
131 84.5 63.8 95.8

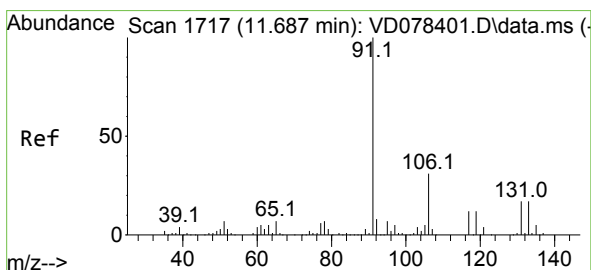
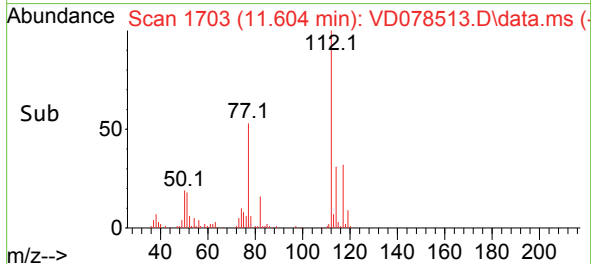
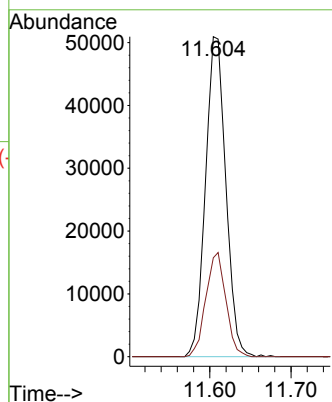
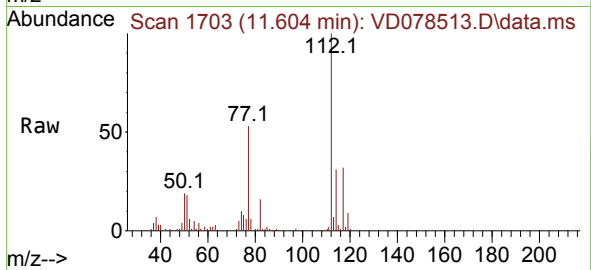




#65
Chlorobenzene
Concen: 23.510 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

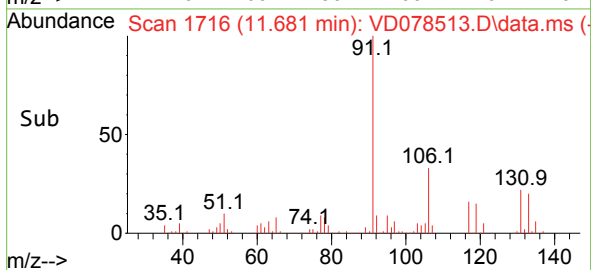
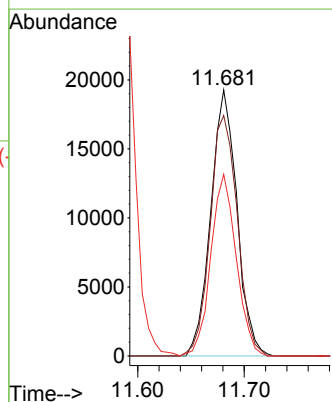
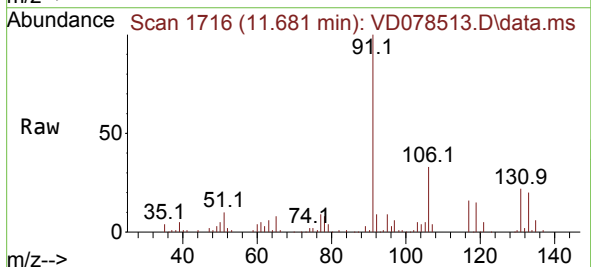
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

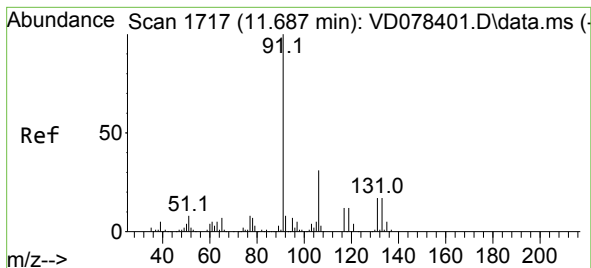
Tgt Ion:112 Resp: 88450
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.802 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:131 Resp: 32908
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 66.3 35.6 106.9





#67

Ethyl Benzene

Concen: 22.022 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

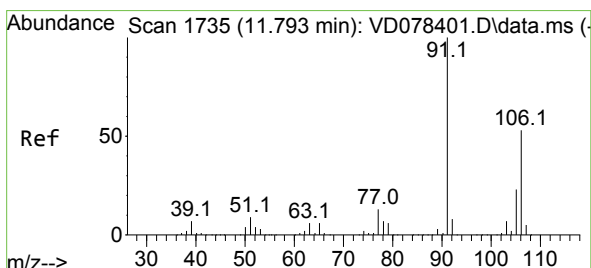
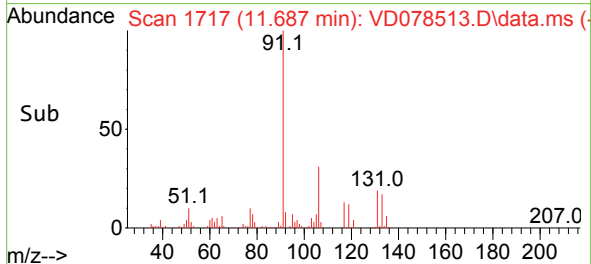
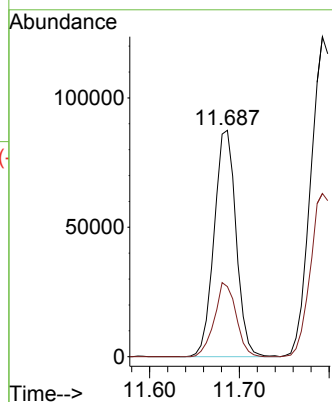
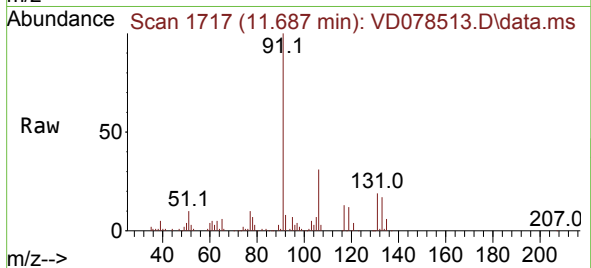
VD0222SBSD01

Tgt Ion: 91 Resp: 148451

Ion Ratio Lower Upper

91 100

106 30.9 26.5 39.7



#68

m/p-Xylenes

Concen: 45.790 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078513.D

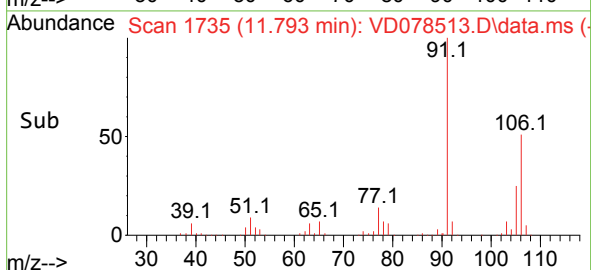
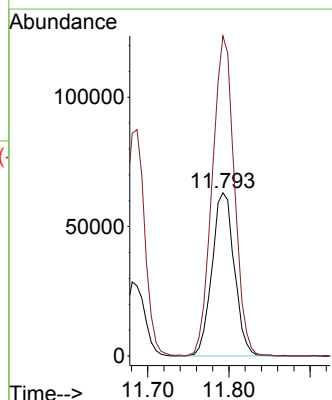
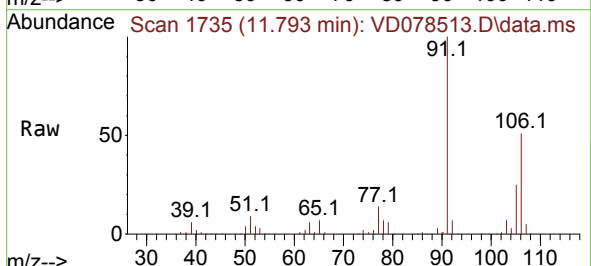
Acq: 22 Feb 2024 13:13

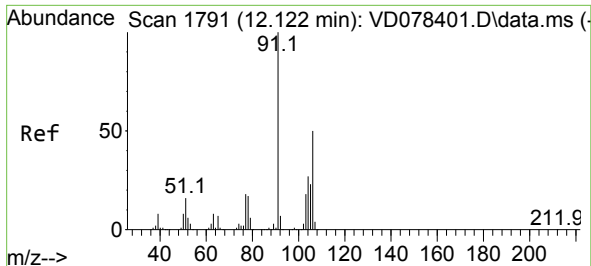
Tgt Ion:106 Resp: 120400

Ion Ratio Lower Upper

106 100

91 194.2 147.0 220.6

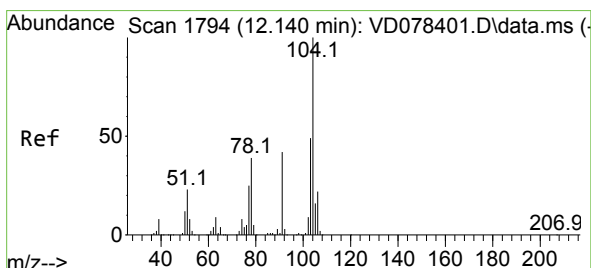
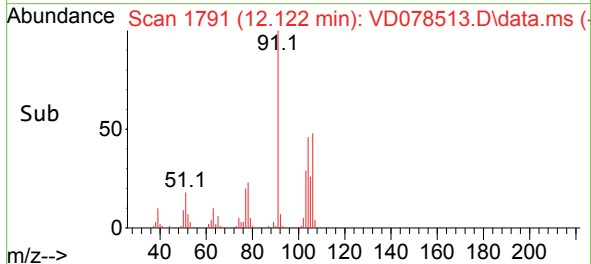
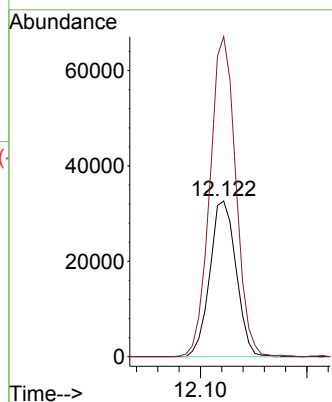
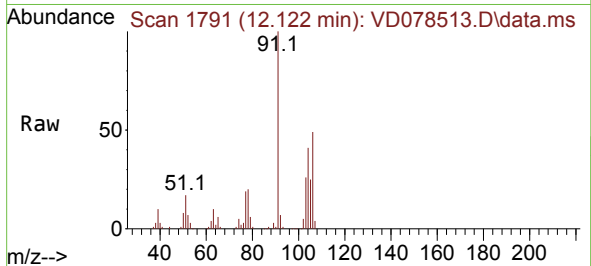




#69
o-Xylene
Concen: 23.248 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

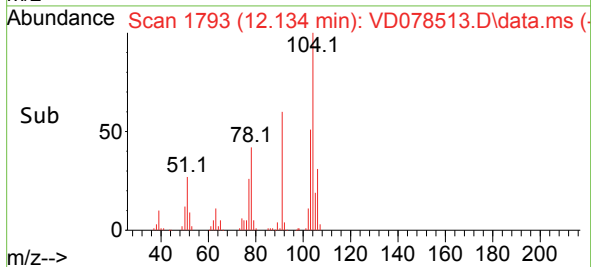
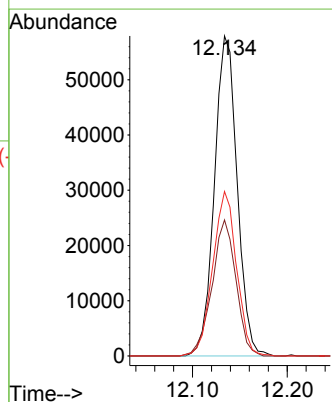
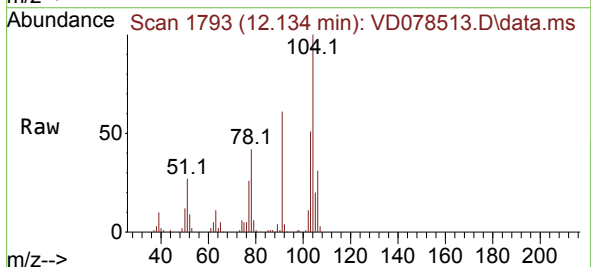
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

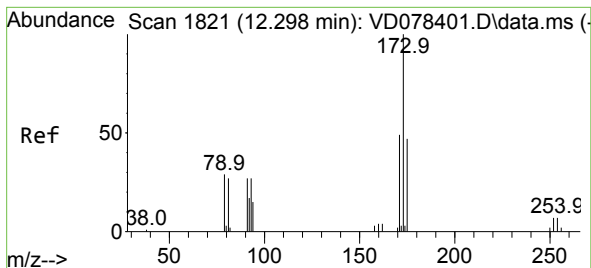
Tgt Ion:106 Resp: 55785
Ion Ratio Lower Upper
106 100
91 203.9 97.9 293.6



#70
Styrene
Concen: 24.726 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:104 Resp: 96831
Ion Ratio Lower Upper
104 100
78 44.7 33.2 49.8
103 54.0 43.6 65.4





#71

Bromoform

Concen: 24.335 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

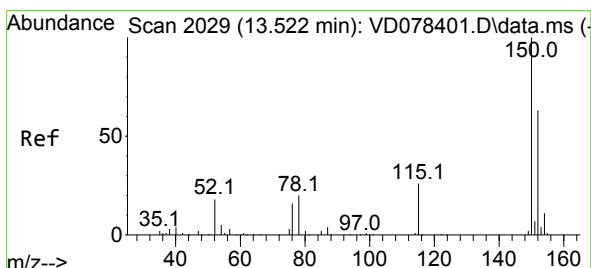
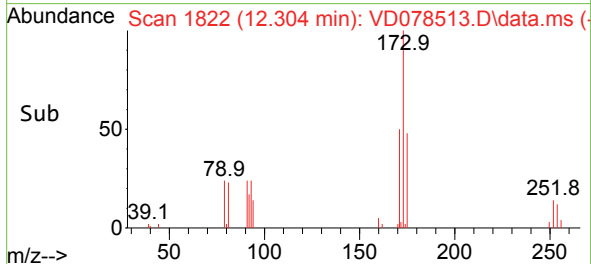
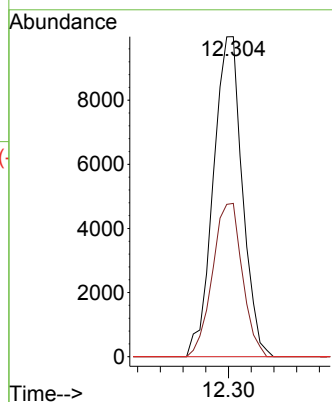
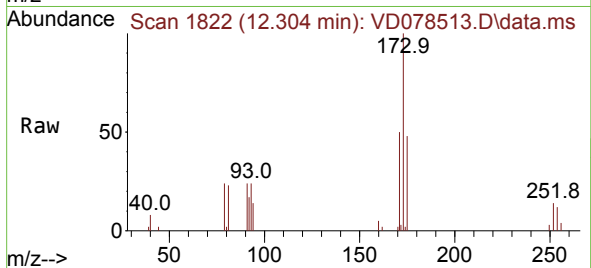
Tgt Ion:173 Resp: 17709

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

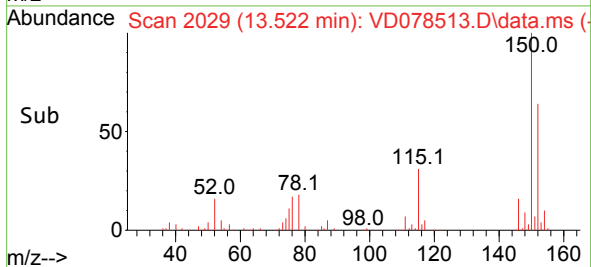
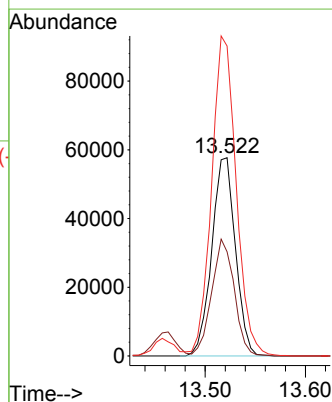
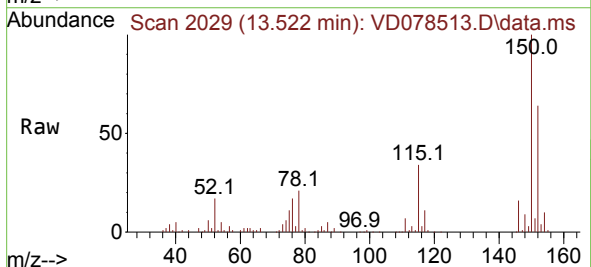
Tgt Ion:152 Resp: 94733

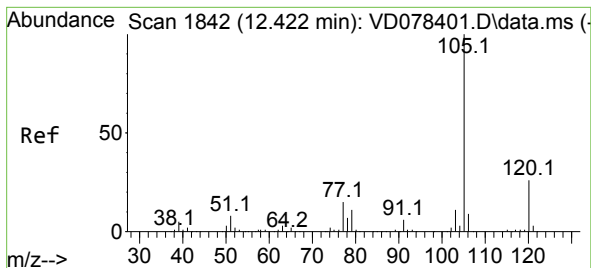
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 167.5 0.0 353.6





#73

Isopropylbenzene

Concen: 22.861 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

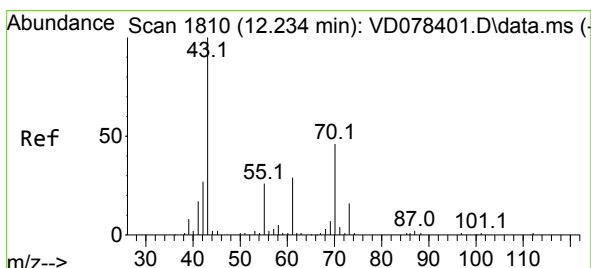
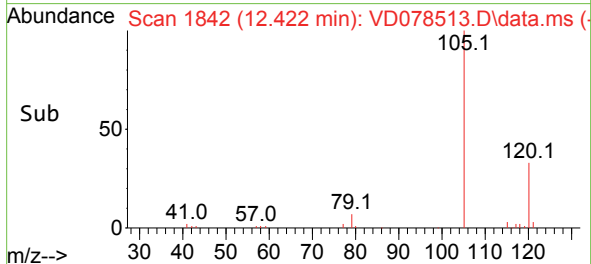
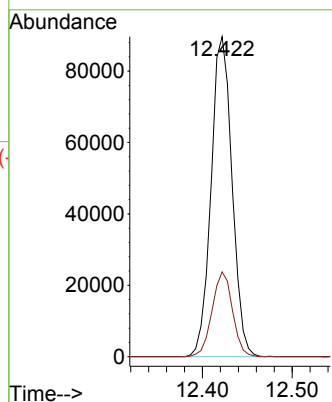
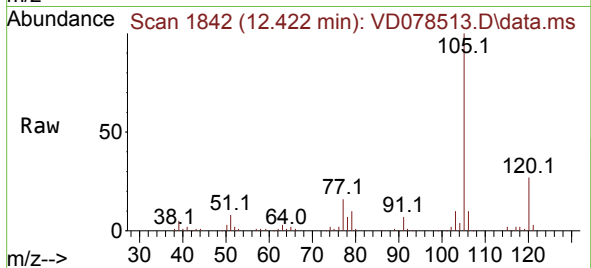
VD0222SBSD01

Tgt Ion:105 Resp: 145425

Ion Ratio Lower Upper

105 100

120 25.8 14.3 42.9



#74

N-ethyl acetate

Concen: 22.880 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Tgt Ion: 43 Resp: 27534

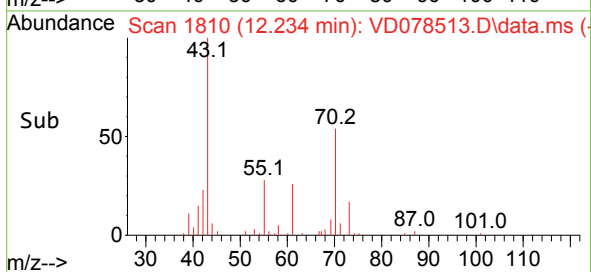
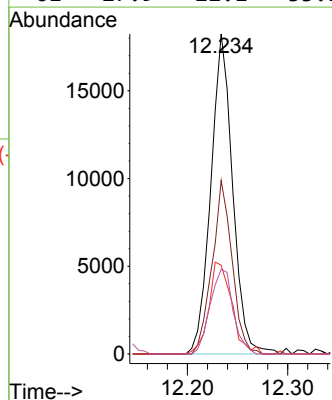
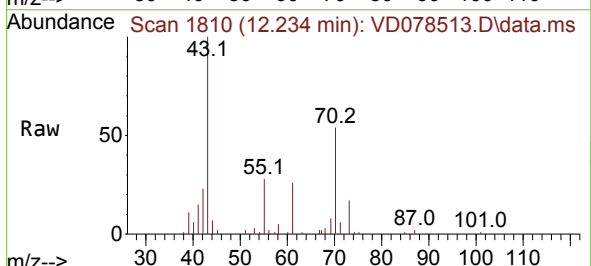
Ion Ratio Lower Upper

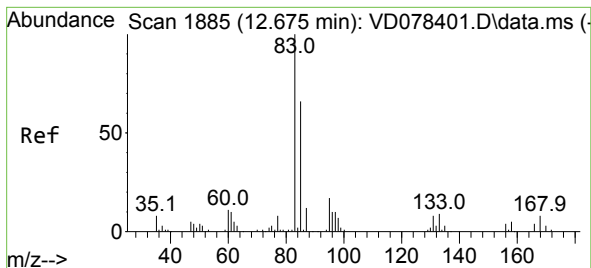
43 100

70 49.7 45.0 67.4

55 30.2 23.8 35.6

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.350 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

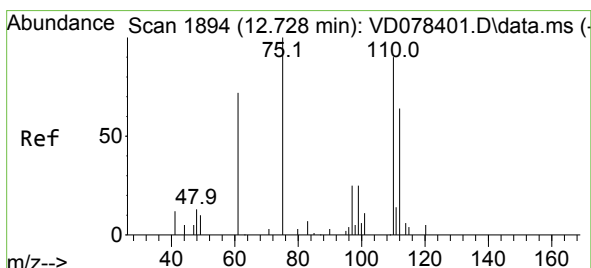
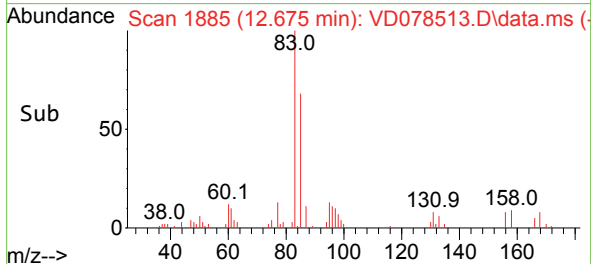
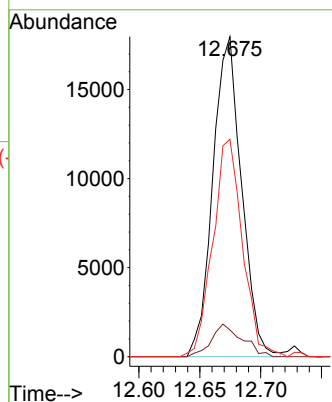
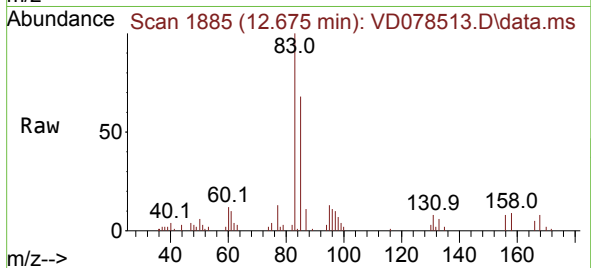
Tgt Ion: 83 Resp: 29464

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 70.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.896 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078513.D

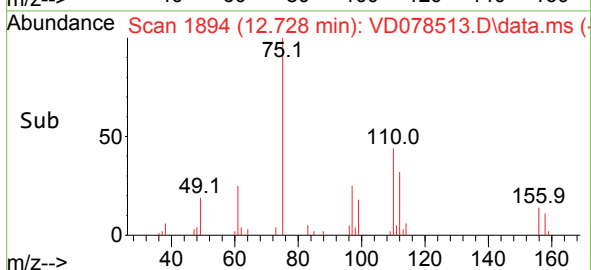
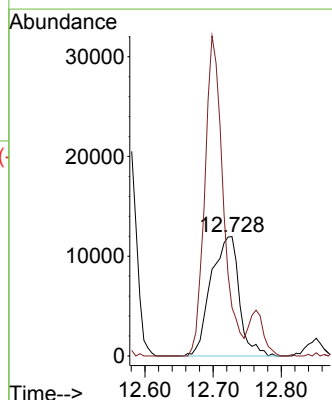
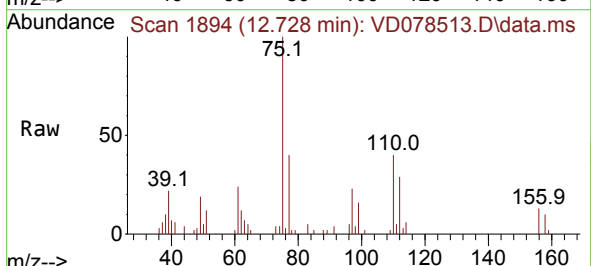
Acq: 22 Feb 2024 13:13

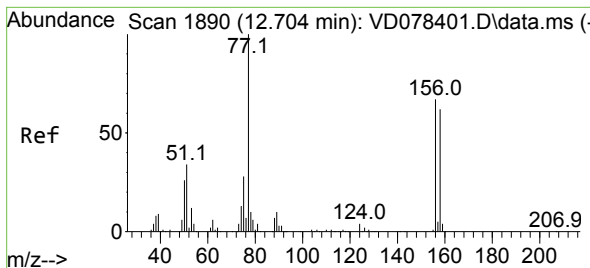
Tgt Ion: 75 Resp: 34499

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.691 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

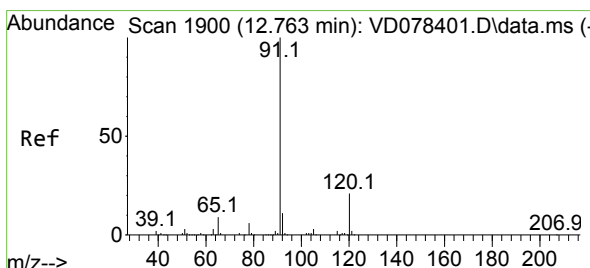
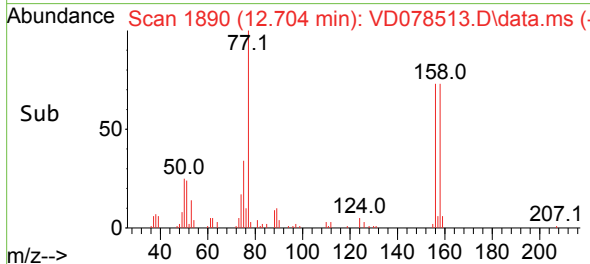
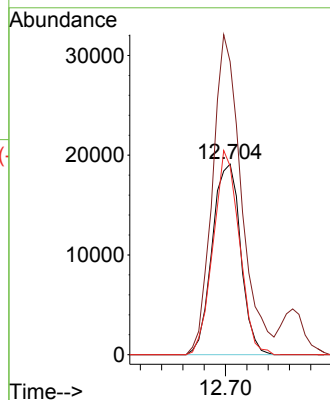
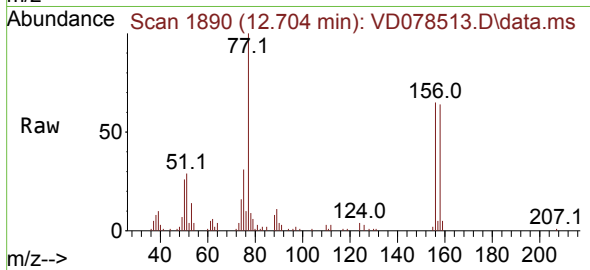
Tgt Ion:156 Resp: 35418

Ion Ratio Lower Upper

156 100

77 170.7 76.8 230.4

158 98.6 48.6 145.9



#78

n-propylbenzene

Concen: 22.926 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078513.D

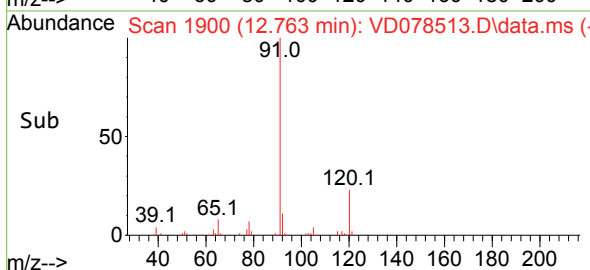
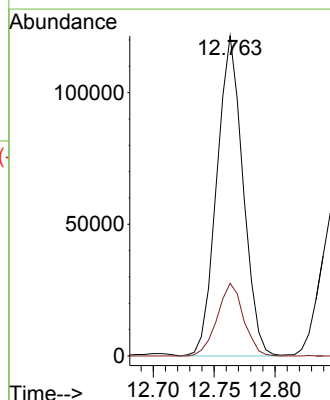
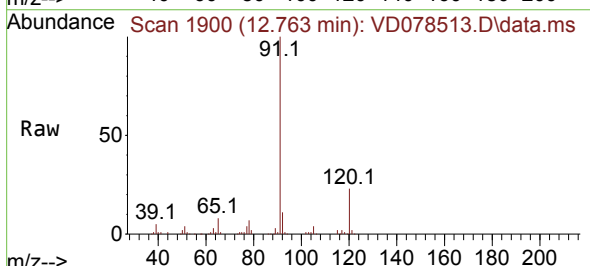
Acq: 22 Feb 2024 13:13

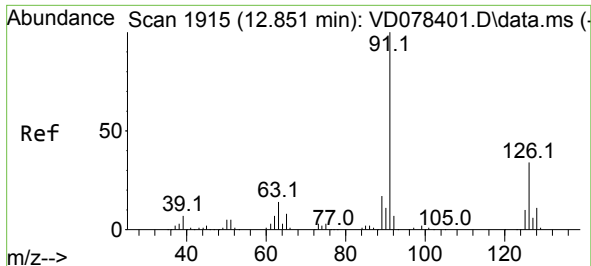
Tgt Ion: 91 Resp: 181743

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

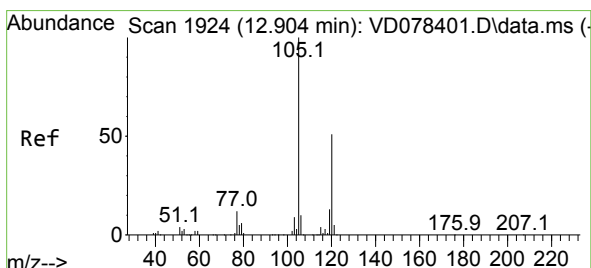
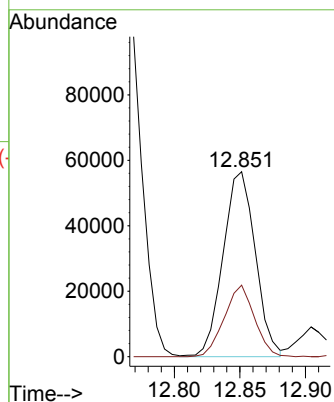
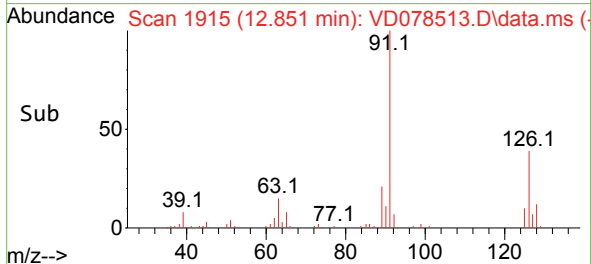
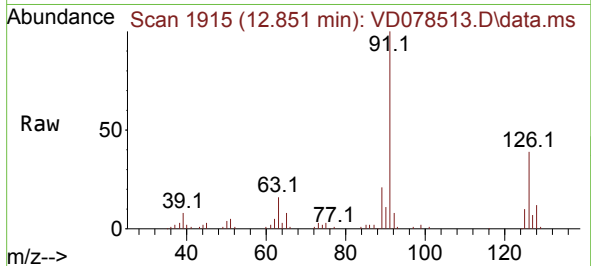




#79
2-Chlorotoluene
Concen: 22.760 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

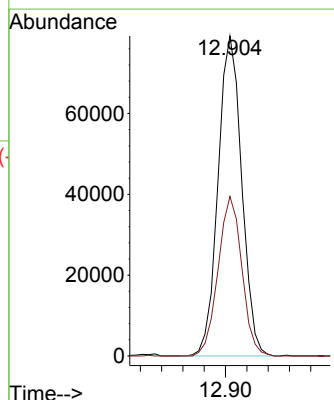
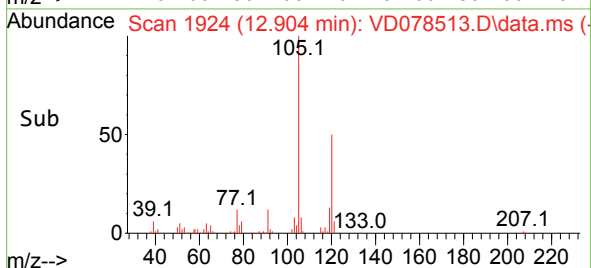
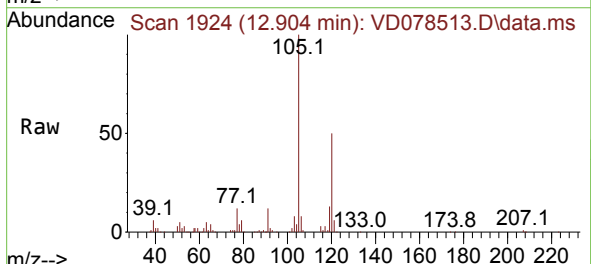
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

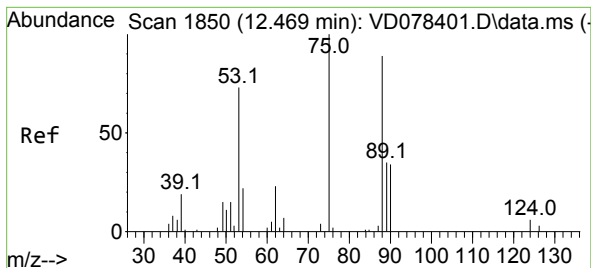
Tgt Ion: 91 Resp: 96636
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 23.071 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 105 Resp: 121863
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

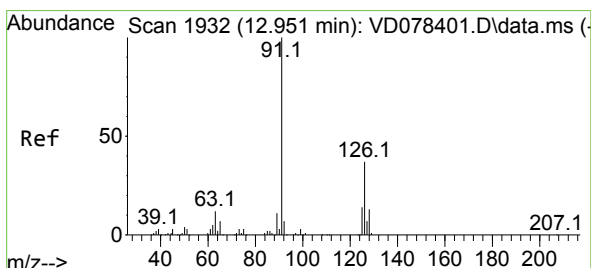
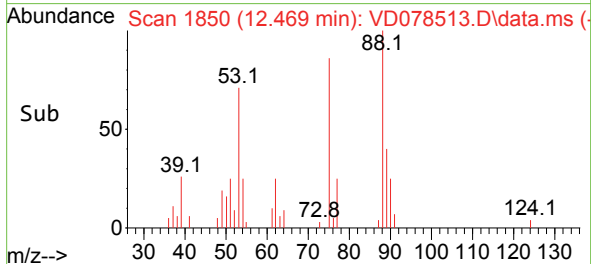
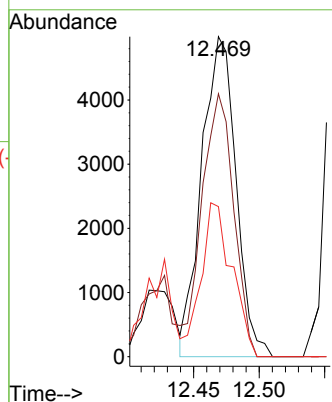
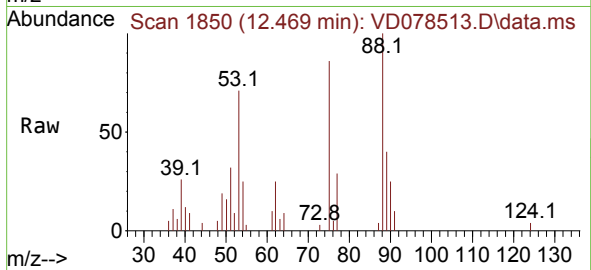




#81
trans-1,4-Dichloro-2-butene
Concen: 23.363 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

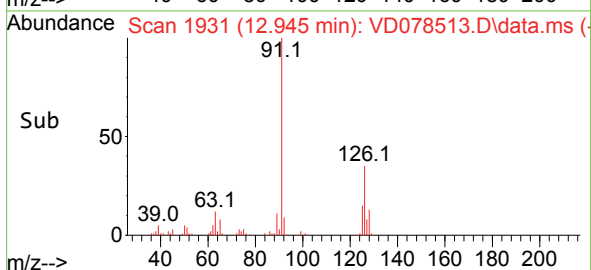
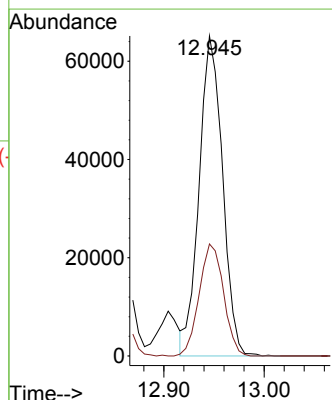
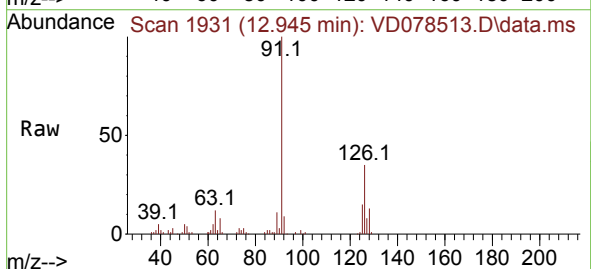
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

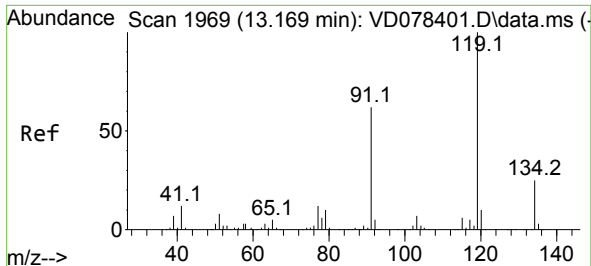
Tgt Ion:	75	Resp:	9051
Ion	Ratio	Lower	Upper
75	100		
53	76.4	63.0	94.4
89	43.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 23.192 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:	91	Resp:	105757
Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.4	58.4

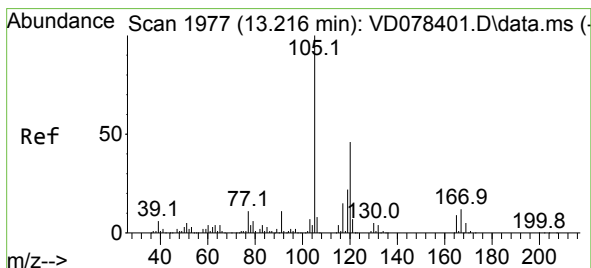
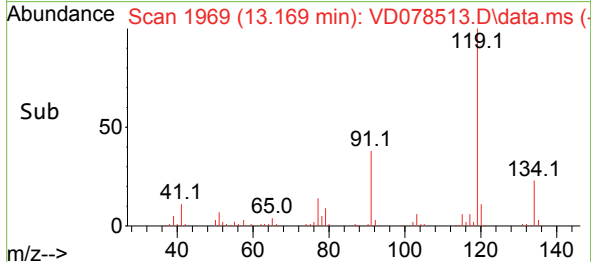
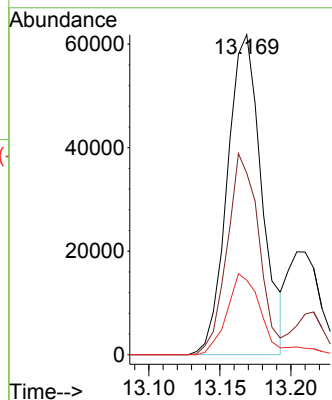
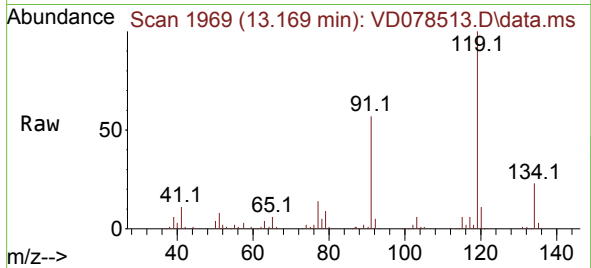




#83
tert-Butylbenzene
Concen: 23.370 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

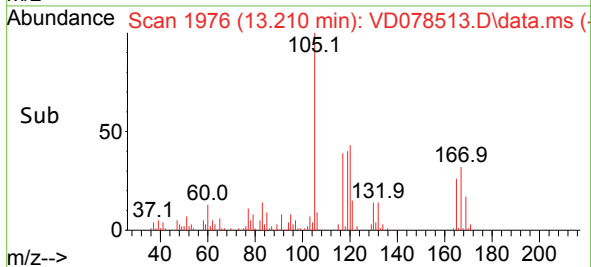
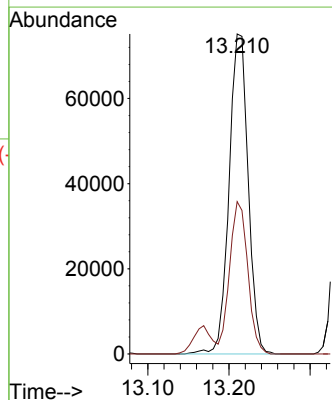
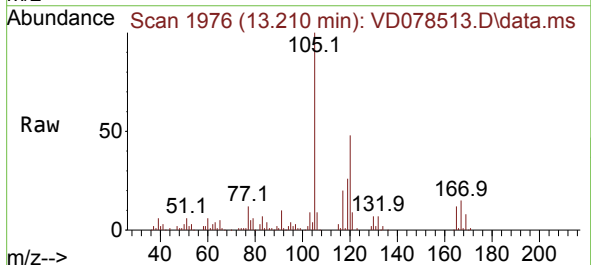
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

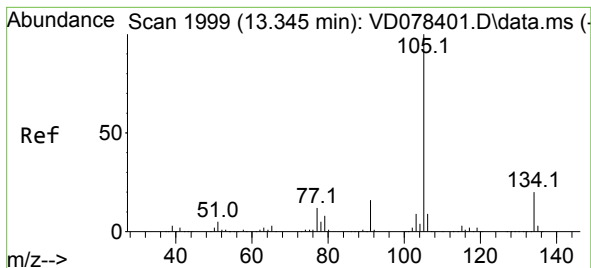
Tgt Ion:119 Resp: 104106
Ion Ratio Lower Upper
119 100
91 58.3 29.3 87.8
134 26.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 22.873 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion:105 Resp: 122616
Ion Ratio Lower Upper
105 100
120 45.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 23.607 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

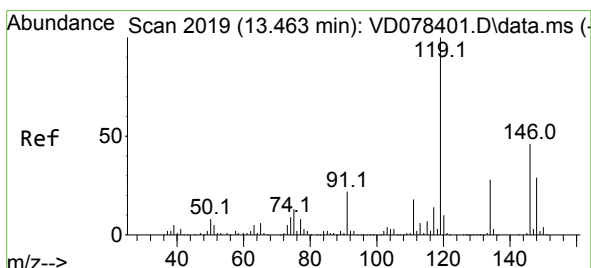
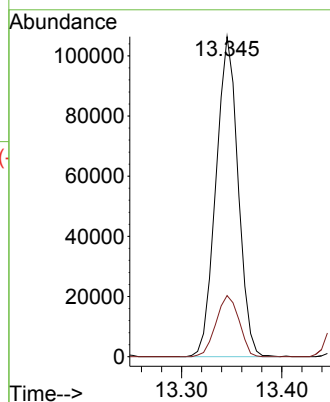
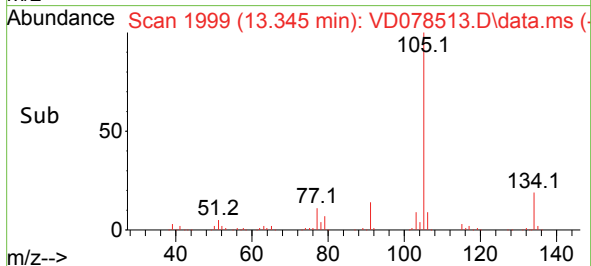
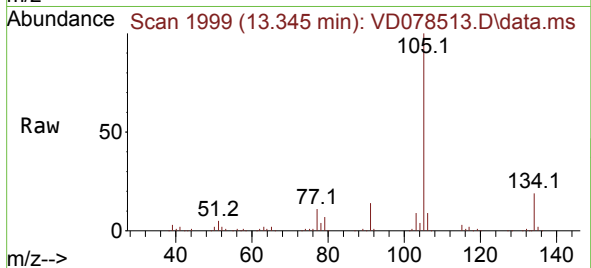
VD0222SBSD01

Tgt Ion:105 Resp: 163091

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 22.662 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

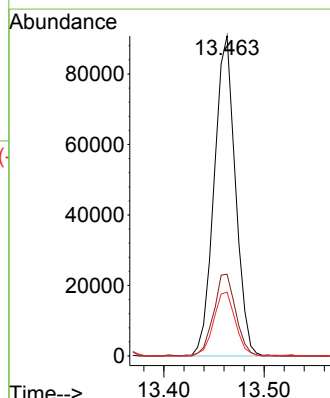
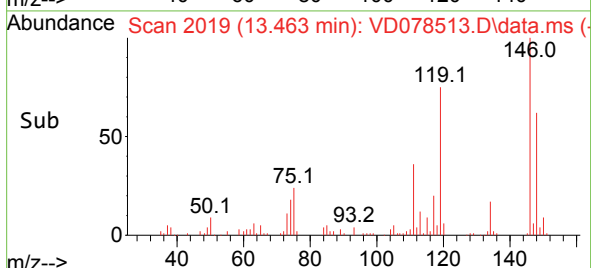
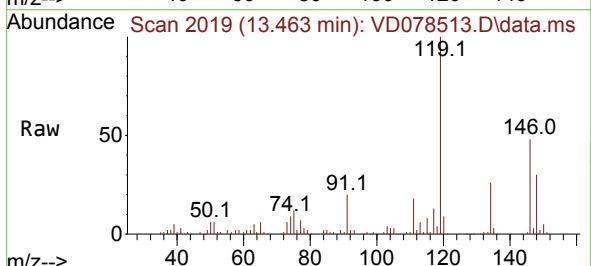
Tgt Ion:119 Resp: 133350

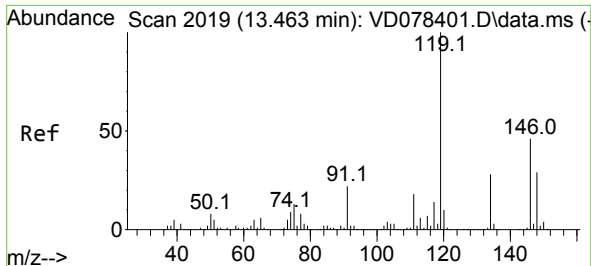
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 20.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 22.902 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

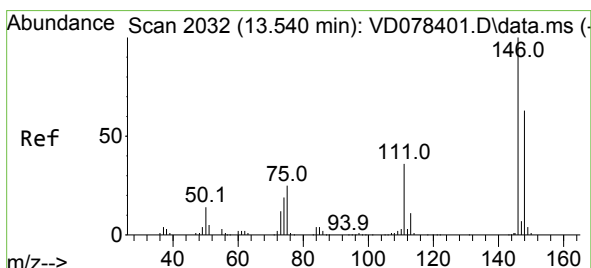
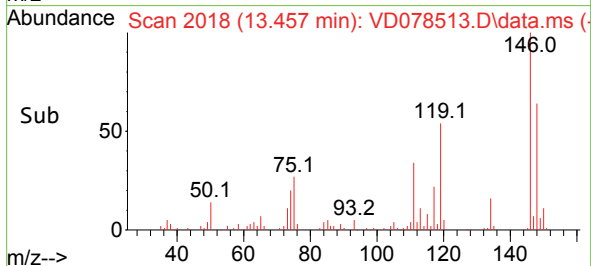
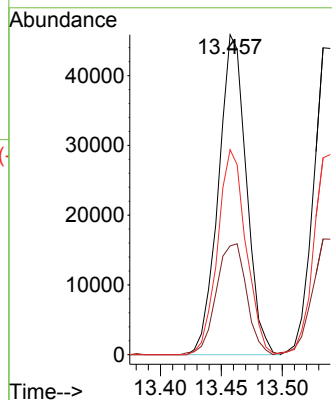
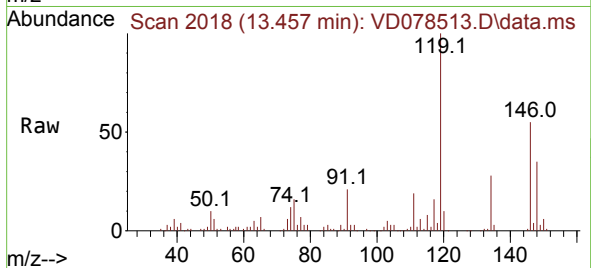
Tgt Ion:146 Resp: 73073

Ion Ratio Lower Upper

146 100

111 37.7 17.9 53.8

148 65.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 23.772 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

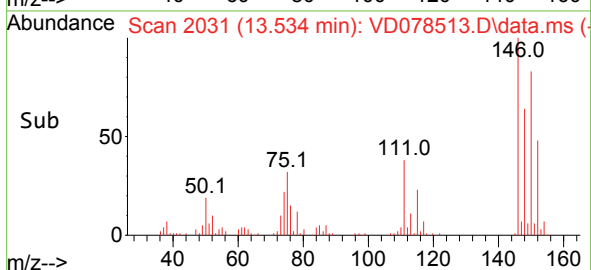
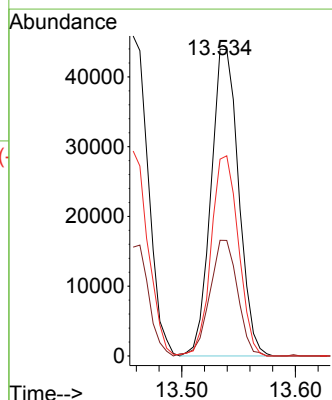
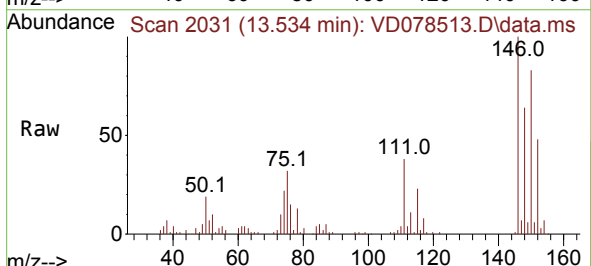
Tgt Ion:146 Resp: 74529

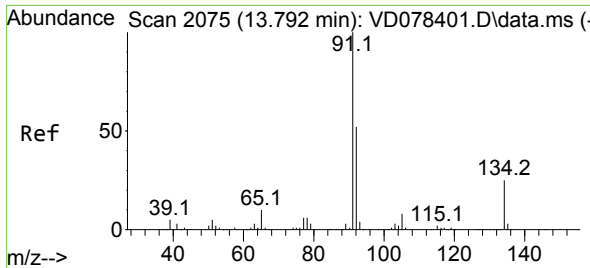
Ion Ratio Lower Upper

146 100

111 37.8 17.4 52.3

148 64.0 31.7 95.1

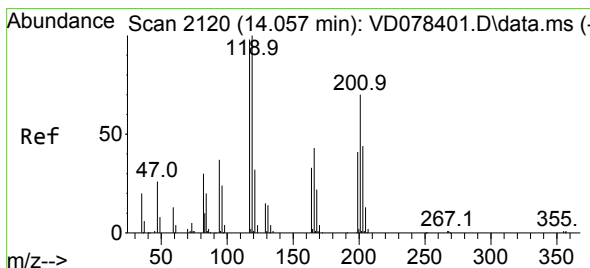
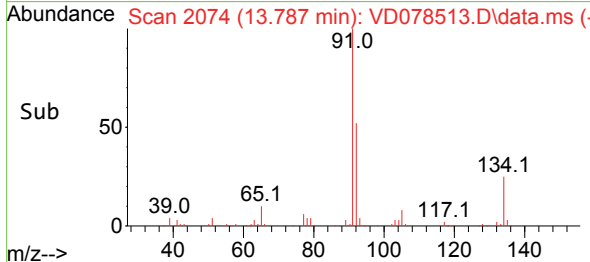
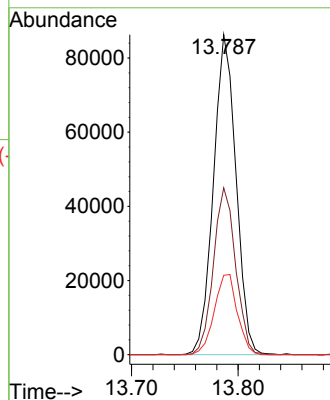
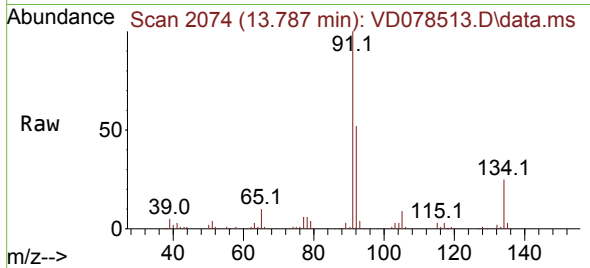




#89
n-Butylbenzene
Concen: 22.417 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

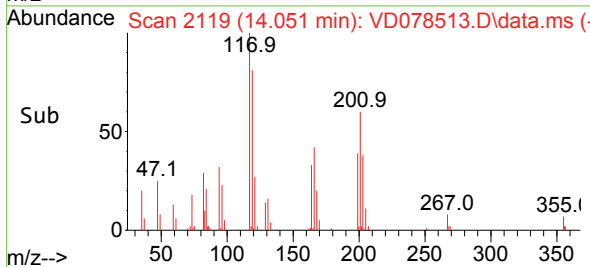
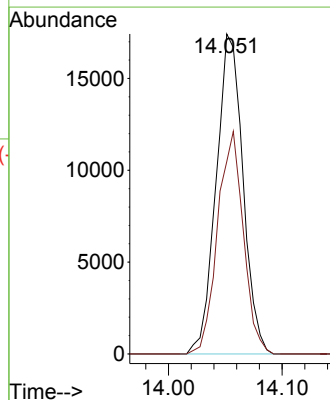
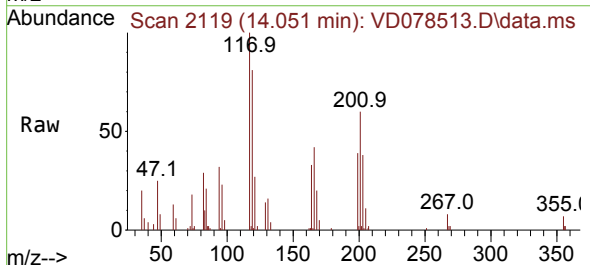
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

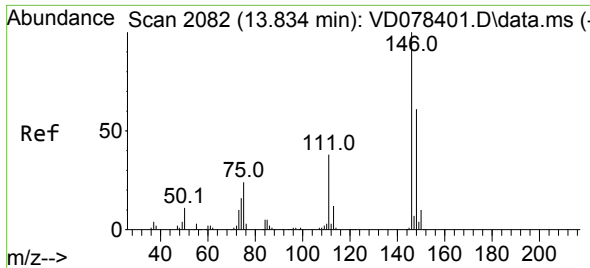
Tgt Ion: 91 Resp: 127142
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 25.6 13.8 41.3



#90
Hexachloroethane
Concen: 23.597 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 117 Resp: 28539
Ion Ratio Lower Upper
117 100
201 66.8 38.5 115.5

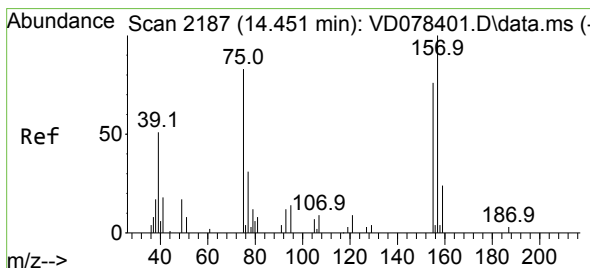
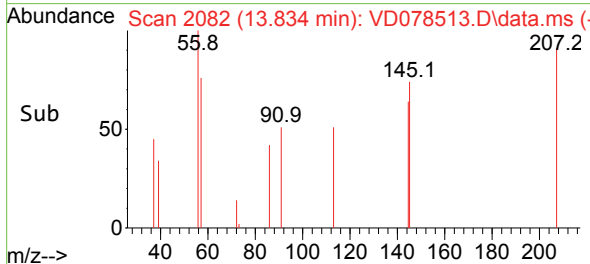
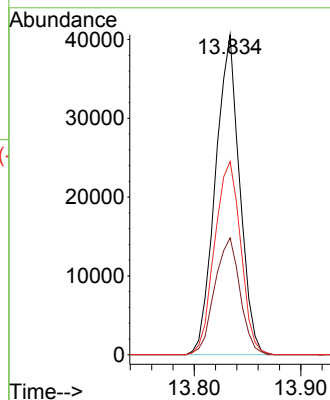
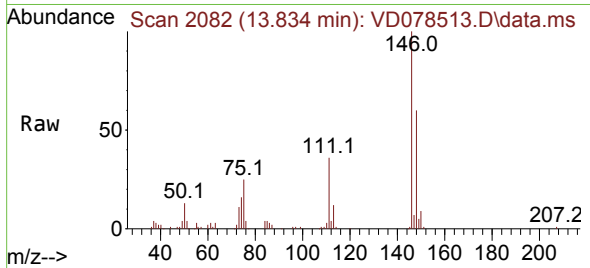




#91
1,2-Dichlorobenzene
Concen: 23.905 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

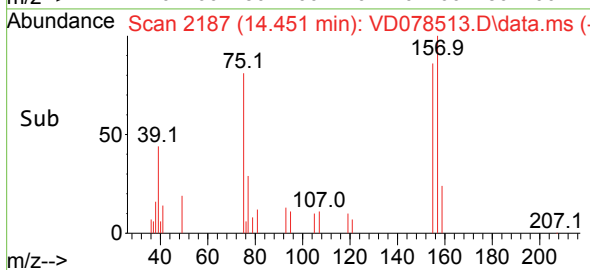
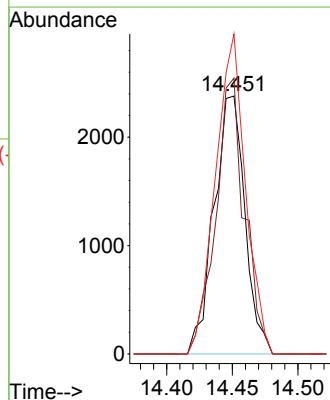
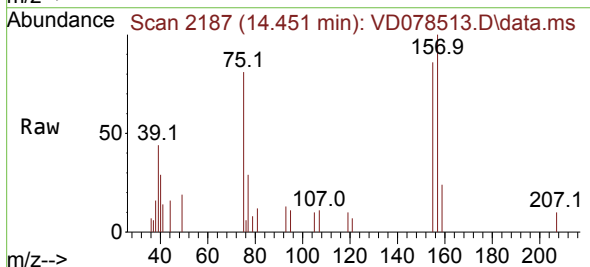
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

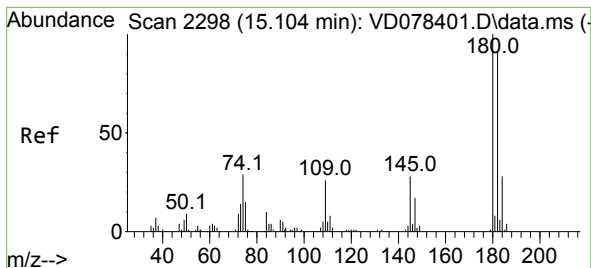
Tgt Ion:146 Resp: 64051
Ion Ratio Lower Upper
146 100
111 38.2 18.3 54.8
148 65.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.616 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078513.D
Acq: 22 Feb 2024 13:13

Tgt Ion: 75 Resp: 3902
Ion Ratio Lower Upper
75 100
155 99.9 47.9 143.8
157 120.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 23.781 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

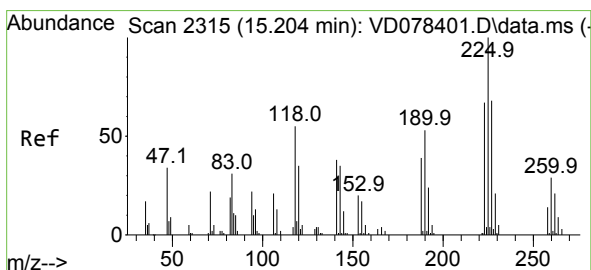
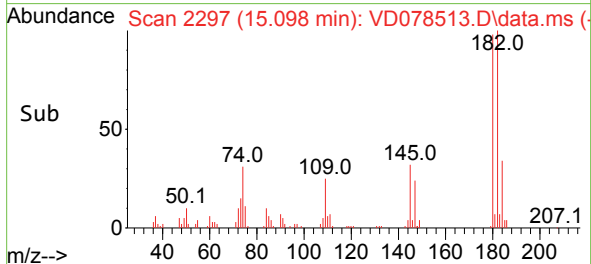
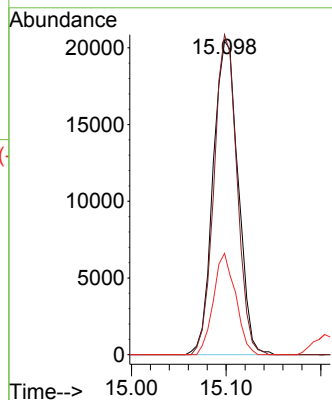
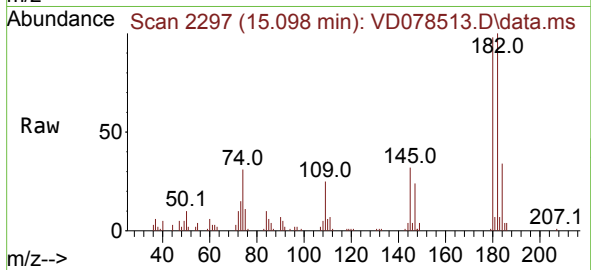
Tgt Ion:180 Resp: 37448

Ion Ratio Lower Upper

180 100

182 94.0 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 24.187 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

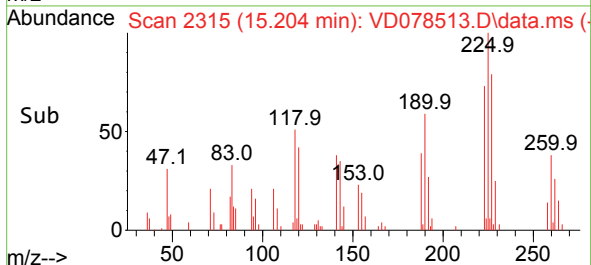
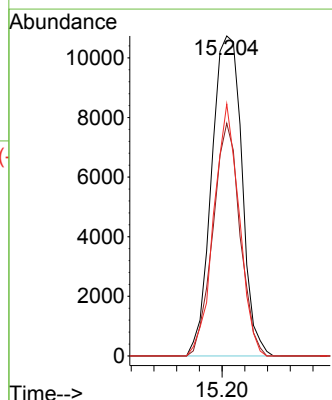
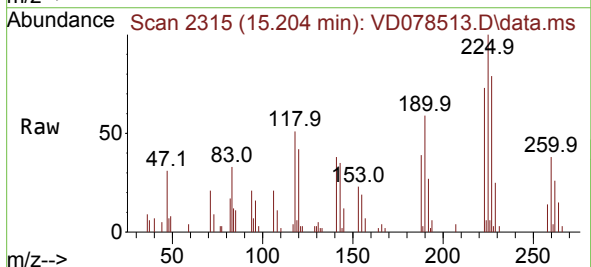
Tgt Ion:225 Resp: 19880

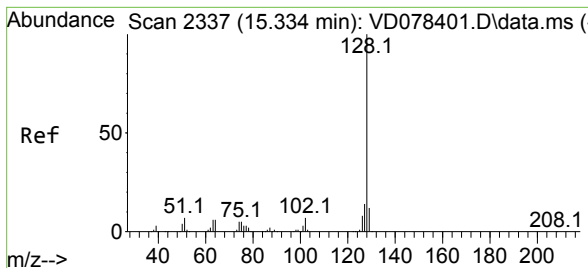
Ion Ratio Lower Upper

225 100

223 65.0 31.6 94.8

227 66.0 31.7 95.1





#95

Naphthalene

Concen: 23.054 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBSD01

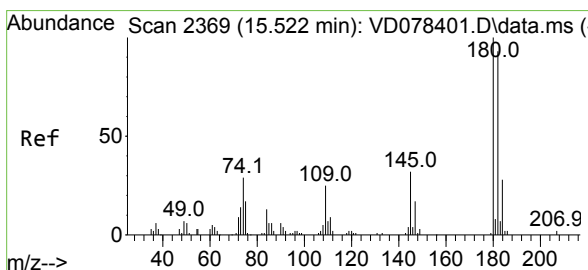
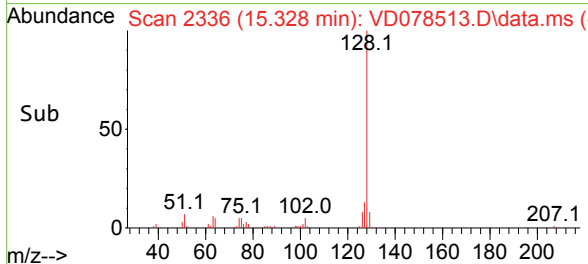
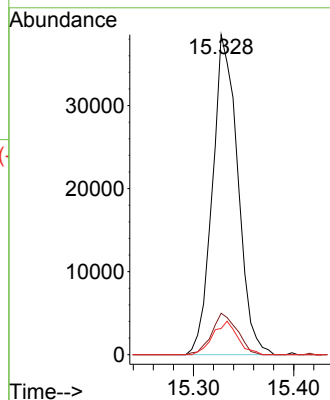
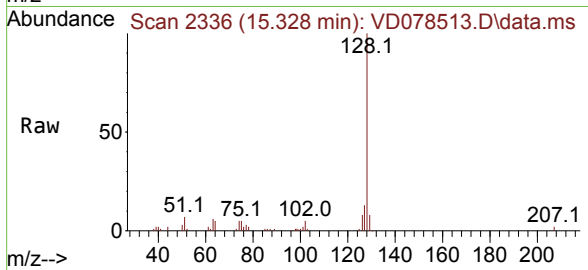
Tgt Ion:128 Resp: 67331

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 8.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 23.906 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078513.D

Acq: 22 Feb 2024 13:13

Tgt Ion:180 Resp: 31903

Ion Ratio Lower Upper

180 100

182 97.1 47.3 141.9

145 32.1 15.1 45.3

