

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078288.D
 Acq On : 31 Jan 2024 12:41
 Operator : RP/MD
 Sample : VD0131SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Quant Time: Feb 01 02:57:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71548	52.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.780%			
35) Dibromofluoromethane	7.804	113	74307	52.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.269	98	286397	53.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.575	95	83465	51.839	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29080	23.161	ug/l	97
3) Chloromethane	2.152	50	49193	21.639	ug/l	100
4) Vinyl Chloride	2.281	62	63641	21.223	ug/l	100
5) Bromomethane	2.681	94	36621	20.172	ug/l	96
6) Chloroethane	2.834	64	42751	20.640	ug/l	98
7) Trichlorofluoromethane	3.175	101	54106	21.312	ug/l	99
8) Diethyl Ether	3.593	74	15548	20.702	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	31695	20.342	ug/l	92
10) Methyl Iodide	4.164	142	27472	19.383	ug/l #	89
11) Tert butyl alcohol	5.063	59	8587	99.511	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	30887	20.545	ug/l	84
13) Acrolein	3.805	56	11499	109.087	ug/l	94
14) Allyl chloride	4.569	41	39642	19.999	ug/l	88
15) Acrylonitrile	5.258	53	35162	105.920	ug/l	96
16) Acetone	4.028	43	38763	114.240	ug/l #	78
17) Carbon Disulfide	4.269	76	103211	20.336	ug/l #	95
18) Methyl Acetate	4.569	43	13688	18.983	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	63701	20.374	ug/l	93
20) Methylene Chloride	4.811	84	39647	22.638	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	33798	19.883	ug/l	89
22) Diisopropyl ether	6.216	45	89711	21.270	ug/l #	82
23) Vinyl Acetate	6.157	43	277141	107.702	ug/l	93
24) 1,1-Dichloroethane	6.110	63	60318	20.658	ug/l	98
25) 2-Butanone	7.087	43	49645	110.129	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	49611	20.800	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	38329	20.345	ug/l	90
28) Bromochloromethane	7.422	49	21174	20.332	ug/l #	73
29) Tetrahydrofuran	7.452	42	25984	107.747	ug/l #	84
30) Chloroform	7.599	83	63428	21.246	ug/l	89
31) Cyclohexane	7.881	56	51111	20.173	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	53739	20.887	ug/l	97
36) 1,1-Dichloropropene	8.010	75	48155	20.449	ug/l	95
37) Ethyl Acetate	7.169	43	20546	22.669	ug/l #	93
38) Carbon Tetrachloride	7.999	117	47855	20.668	ug/l	89
39) Methylcyclohexane	9.275	83	55815	20.047	ug/l	92
40) Benzene	8.252	78	138878	20.212	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9845	20.205	ug/l	# 92
42) 1,2-Dichloroethane	8.328	62	36147	20.284	ug/l	95
43) Isopropyl Acetate	8.369	43	33593	20.672	ug/l	94
44) Trichloroethene	9.028	130	34385	20.380	ug/l	90
45) 1,2-Dichloropropane	9.304	63	33706	20.064	ug/l	99
46) Dibromomethane	9.393	93	19047	20.435	ug/l	# 86
47) Bromodichloromethane	9.581	83	47634	20.771	ug/l	97
48) Methyl methacrylate	9.381	41	16050	20.669	ug/l	# 76
49) 1,4-Dioxane	9.387	88	4084	390.595	ug/l	# 78
51) 4-Methyl-2-Pentanone	10.157	43	91806	104.434	ug/l	87
52) Toluene	10.334	92	85902	20.612	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	43361	20.243	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	52666	20.768	ug/l	# 88
55) 1,1,2-Trichloroethane	10.734	97	25920	21.310	ug/l	94
56) Ethyl methacrylate	10.593	69	27730	20.099	ug/l	# 79
57) 1,3-Dichloropropane	10.881	76	42868	20.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	63407	101.062	ug/l	93
59) 2-Hexanone	10.922	43	72104	108.908	ug/l	85
60) Dibromochloromethane	11.075	129	28944	20.499	ug/l	93
61) 1,2-Dibromoethane	11.181	107	24474	21.312	ug/l	96
64) Tetrachloroethene	10.810	164	26758	21.212	ug/l	90
65) Chlorobenzene	11.604	112	86995	20.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	31339	20.343	ug/l	98
67) Ethyl Benzene	11.681	91	160021	20.417	ug/l	93
68) m/p-Xylenes	11.793	106	121329	40.236	ug/l	91
69) o-Xylene	12.122	106	56342	20.332	ug/l	93
70) Styrene	12.134	104	97981	20.704	ug/l	96
71) Bromoform	12.298	173	16588	21.862	ug/l	# 96
73) Isopropylbenzene	12.422	105	145614	19.604	ug/l	95
74) N-amyl acetate	12.234	43	32449	21.123	ug/l	# 89
75) 1,1,2,2-Tetrachloroethane	12.669	83	28234	19.684	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35935	39.164	ug/l	# 100
77) Bromobenzene	12.698	156	32250	19.731	ug/l	81
78) n-propylbenzene	12.763	91	191222	20.667	ug/l	92
79) 2-Chlorotoluene	12.845	91	101275	20.447	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	121388	20.089	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8940	19.378	ug/l	91
82) 4-Chlorotoluene	12.945	91	105936	20.062	ug/l	93
83) tert-Butylbenzene	13.169	119	102703	19.919	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	123710	20.236	ug/l	94
85) sec-Butylbenzene	13.345	105	160263	19.805	ug/l	95
86) p-Isopropyltoluene	13.463	119	128510	19.390	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	67219	19.795	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	67423	20.068	ug/l	96
89) n-Butylbenzene	13.787	91	126780	19.630	ug/l	96
90) Hexachloroethane	14.051	117	26993	20.390	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	59806	20.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4004	19.913	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	34569	20.573	ug/l	99
94) Hexachlorobutadiene	15.204	225	16120	19.578	ug/l	98
95) Naphthalene	15.328	128	69757	20.821	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	30374	20.530	ug/l	96

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

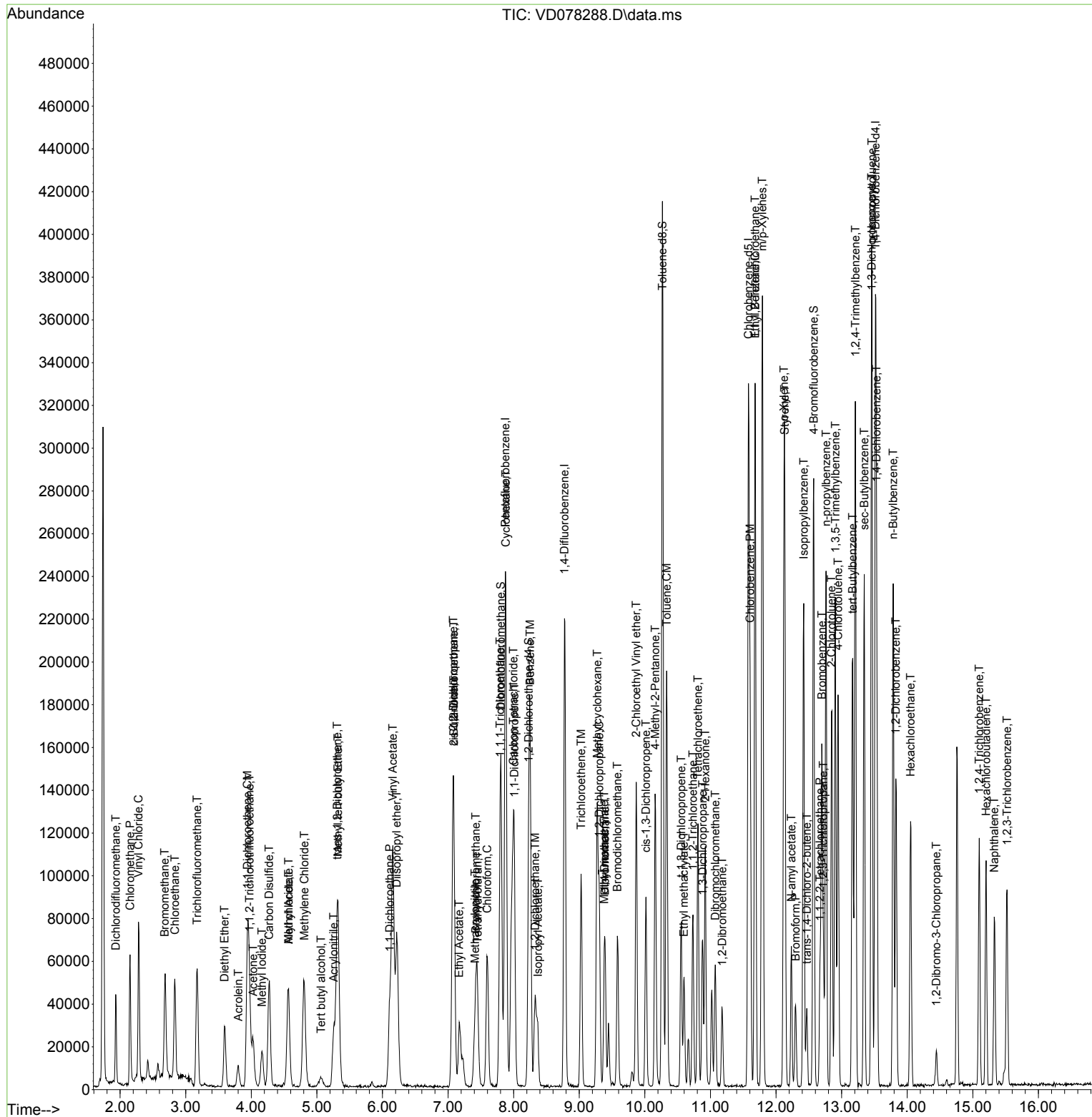
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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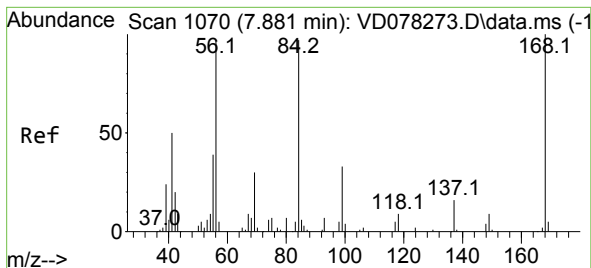
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

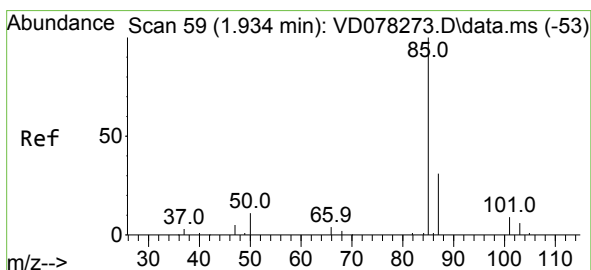
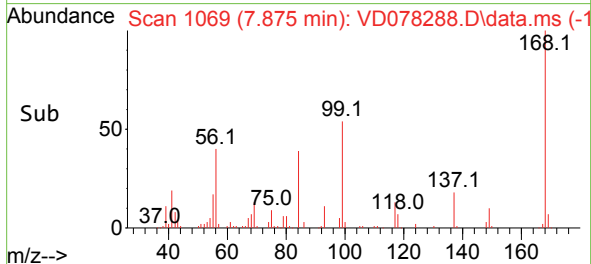
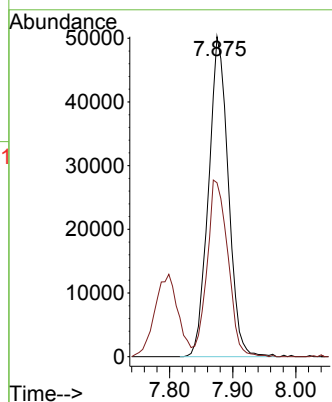
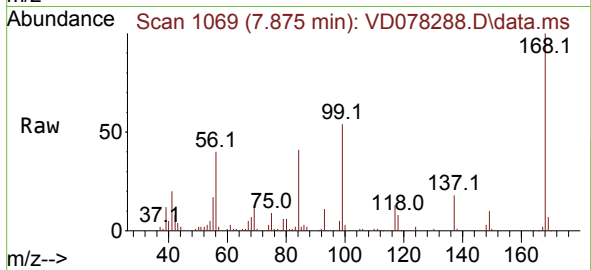
VD0131SBS01

Tgt Ion:168 Resp: 109282

Ion Ratio Lower Upper

168 100

99 54.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 23.161 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078288.D

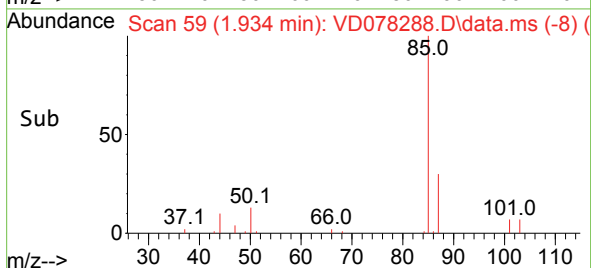
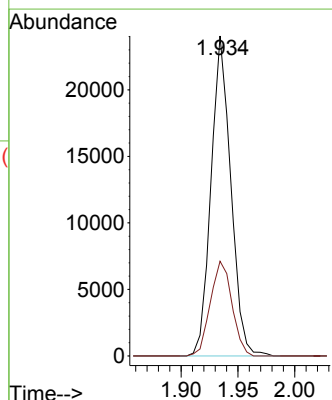
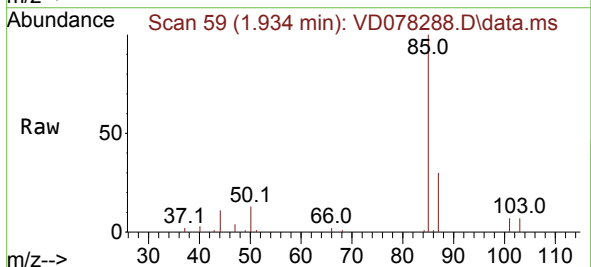
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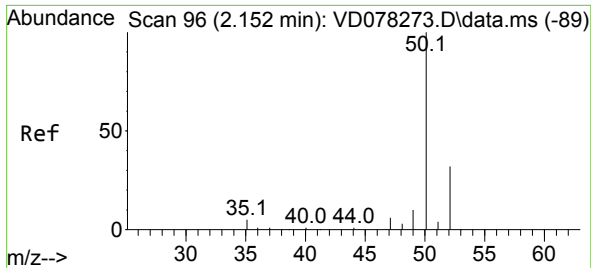
Tgt Ion: 85 Resp: 29080

Ion Ratio Lower Upper

85 100

87 29.6 15.7 47.0

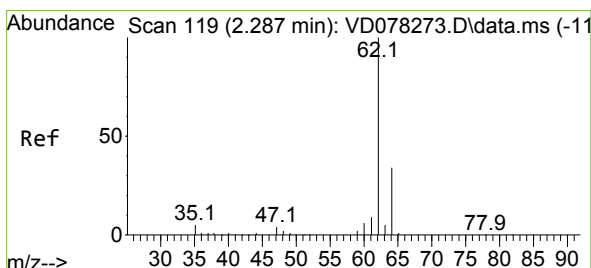
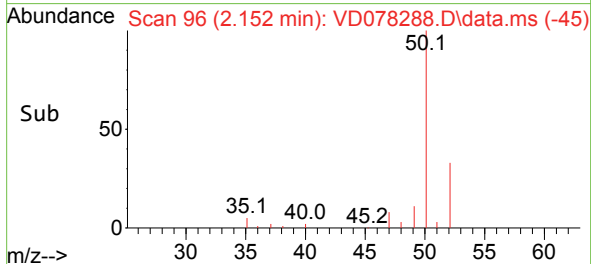
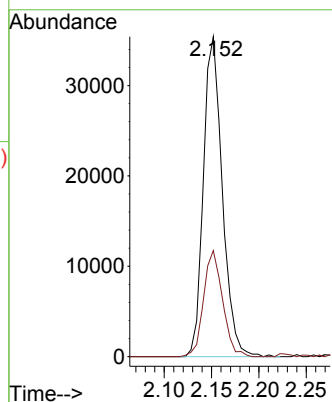
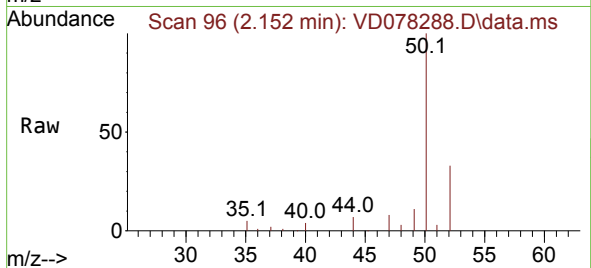




#3
Chloromethane
Concen: 21.639 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

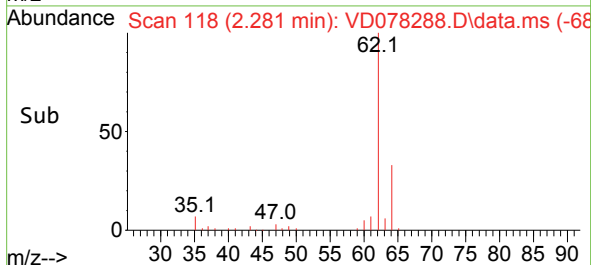
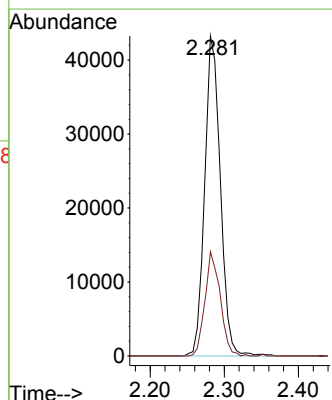
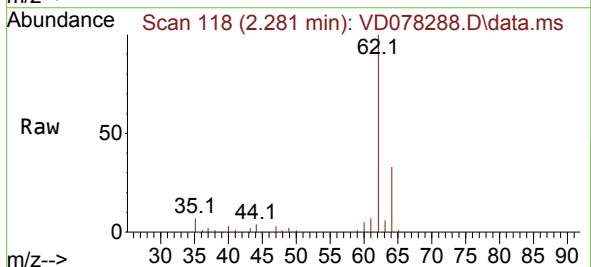
Instrument :
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ClientSampleId :
VD0131SBS01

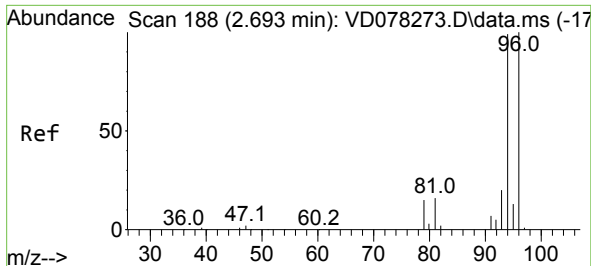
Tgt Ion: 50 Resp: 49193
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 21.223 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 62 Resp: 63641
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

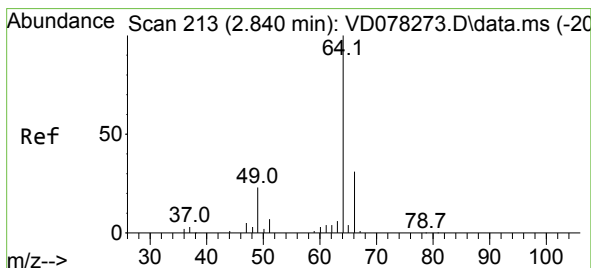
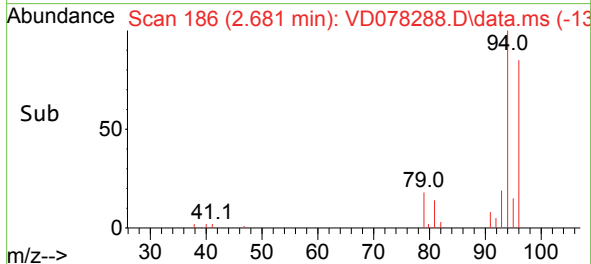
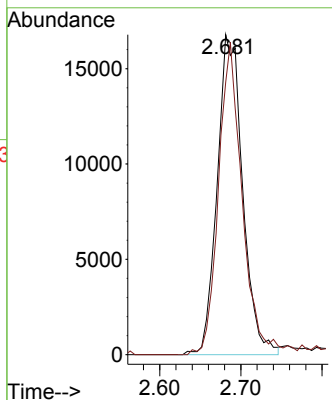
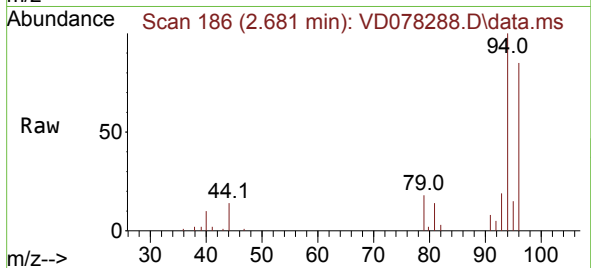




#5
Bromomethane
Concen: 20.172 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078288.D
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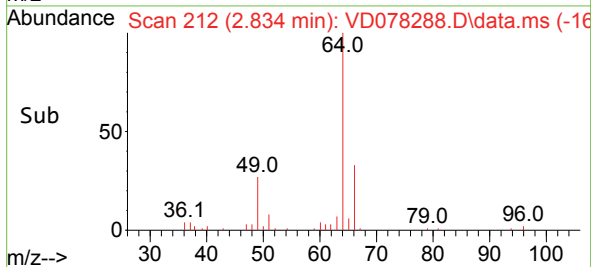
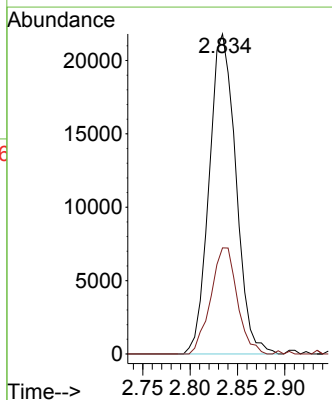
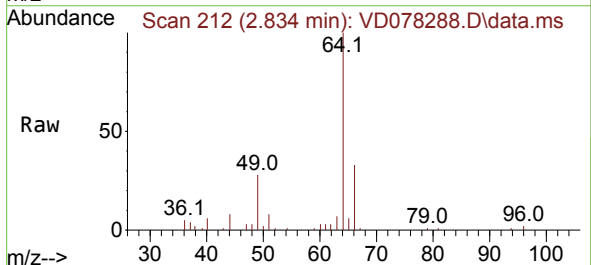
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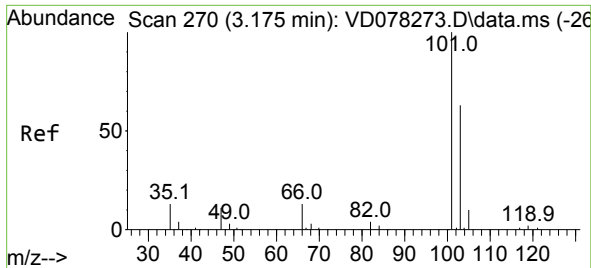
Tgt Ion: 94 Resp: 36621
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.8



#6
Chloroethane
Concen: 20.640 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078288.D
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Tgt Ion: 64 Resp: 42751
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

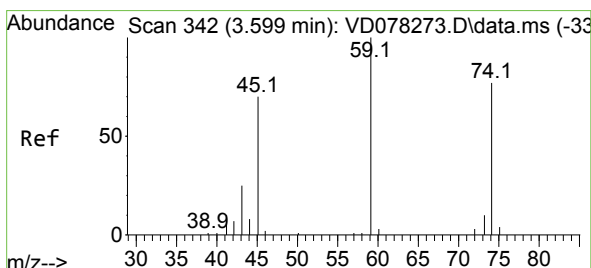
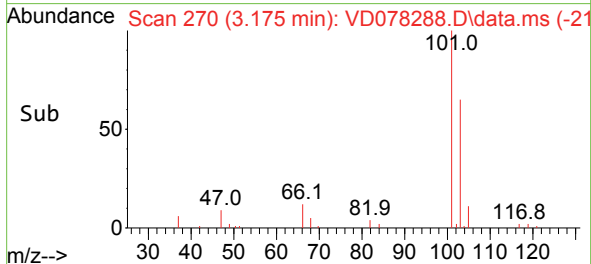
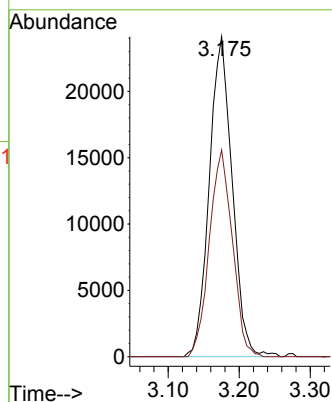
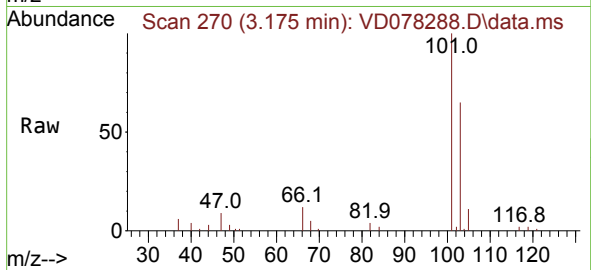




#7
 Trichlorofluoromethane
 Concen: 21.312 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

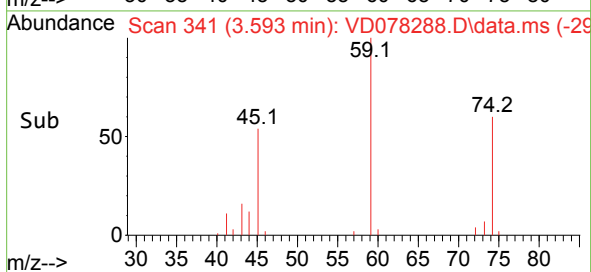
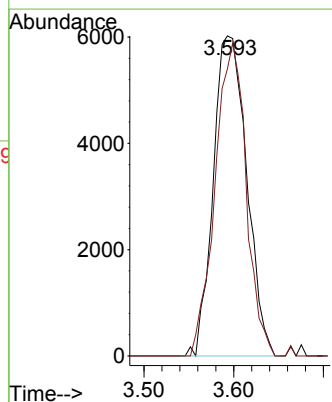
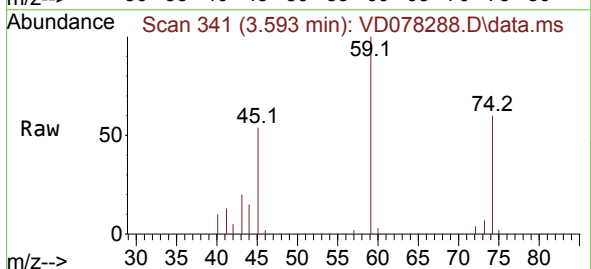
Instrument :
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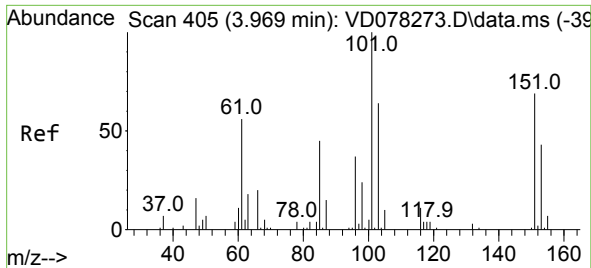
Tgt Ion:101 Resp: 54106
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.702 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

Tgt Ion: 74 Resp: 15548
 Ion Ratio Lower Upper
 74 100
 45 91.0 37.5 112.7

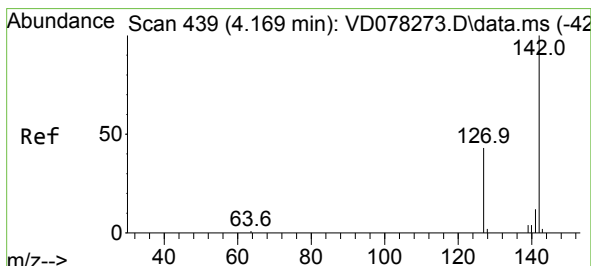
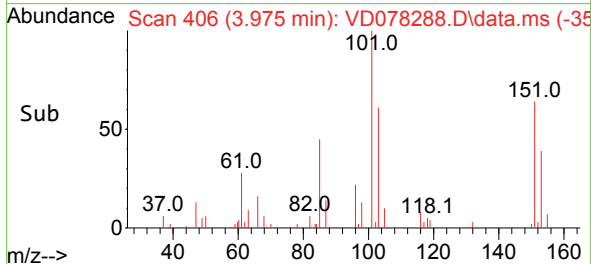
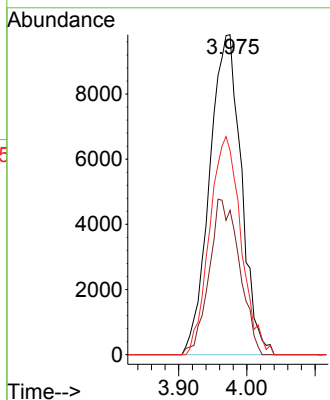
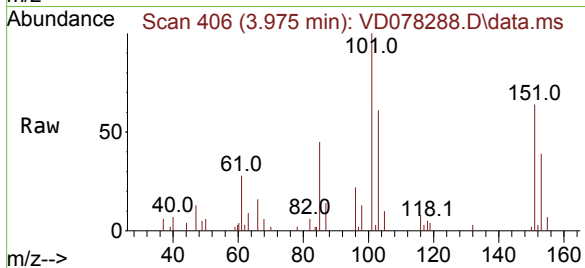




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.342 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

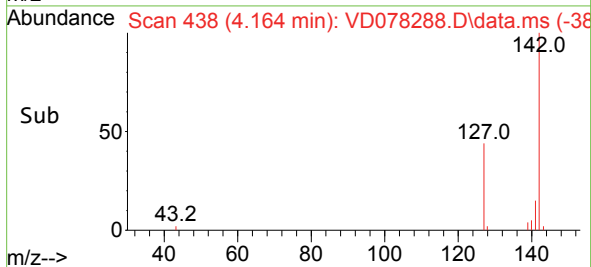
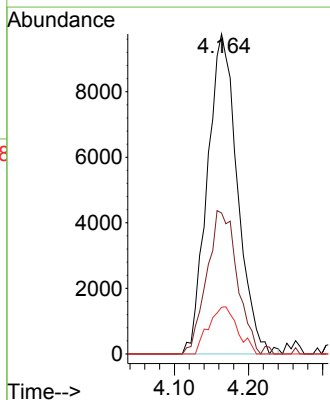
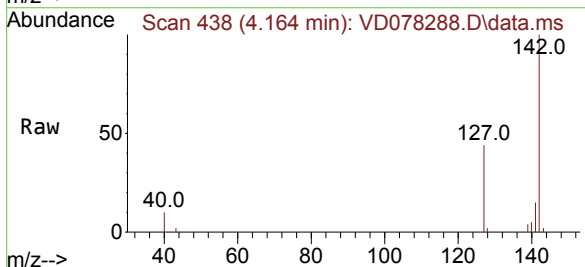
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

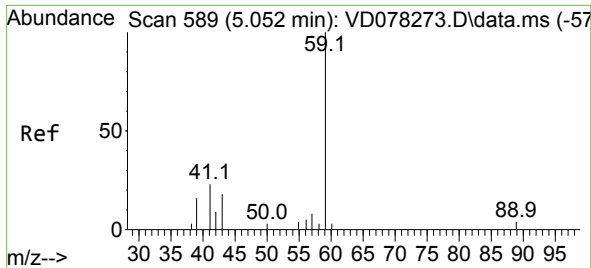
Tgt Ion:	101	Resp:	31695
Ion	Ratio	Lower	Upper
101	100		
85	46.7	33.8	50.6
151	67.8	59.8	89.6



#10
Methyl Iodide
Concen: 19.383 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:	142	Resp:	27472
Ion	Ratio	Lower	Upper
142	100		
127	45.2	29.4	44.0#
141	14.2	11.1	16.7

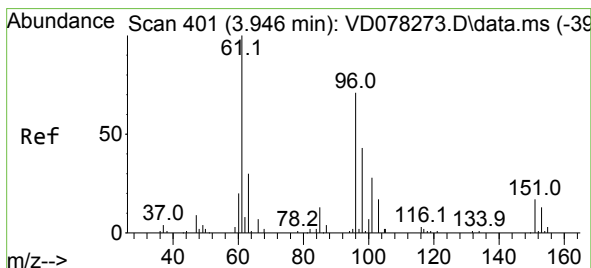
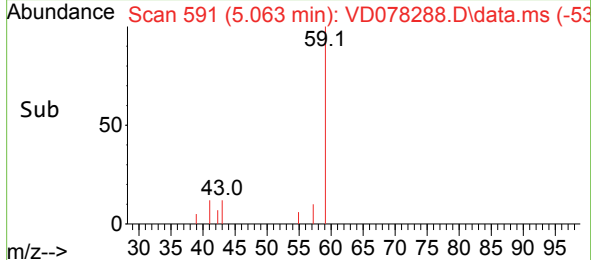
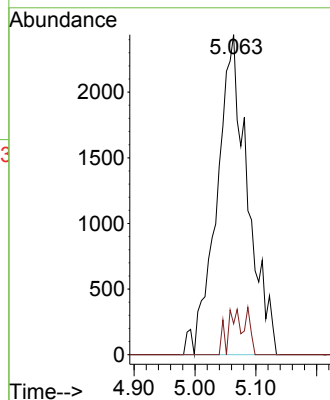
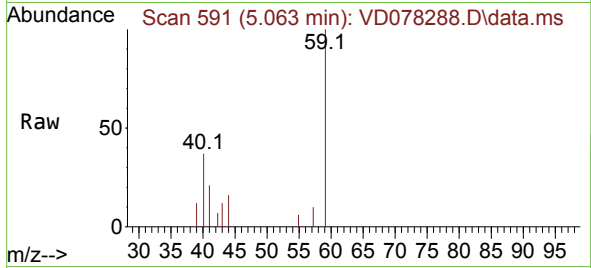




#11
Tert butyl alcohol
Concen: 99.511 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

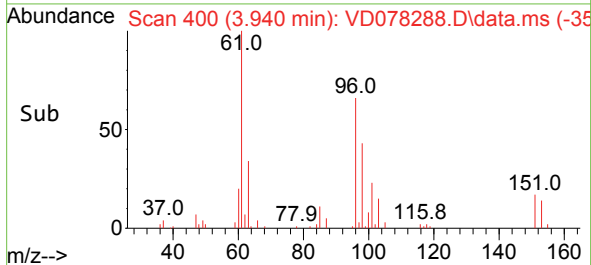
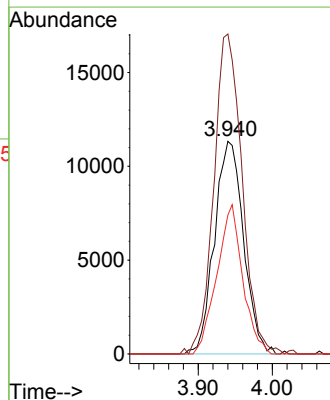
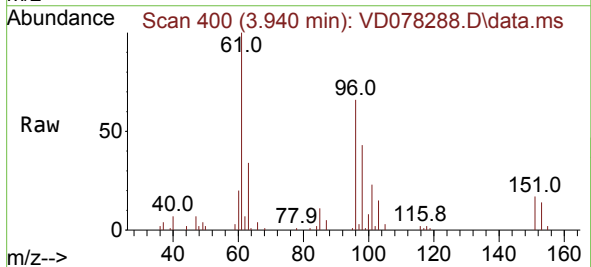
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

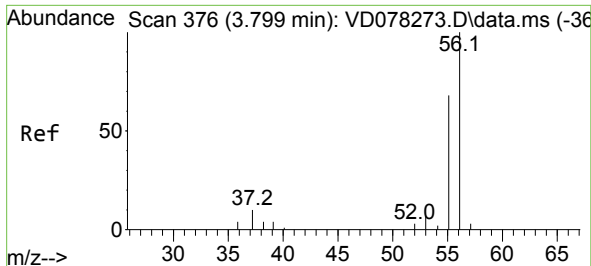
Tgt Ion: 59 Resp: 8587
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.545 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 96 Resp: 30887
Ion Ratio Lower Upper
96 100
61 150.5 100.6 150.8
98 65.3 50.2 75.2

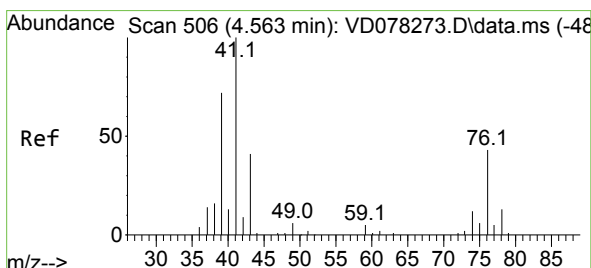
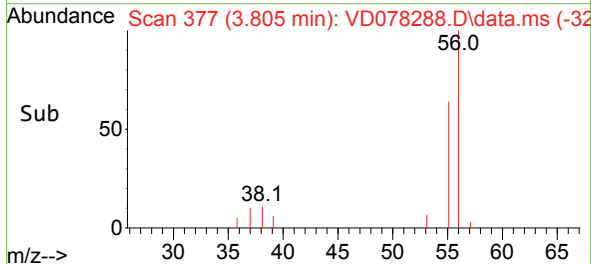
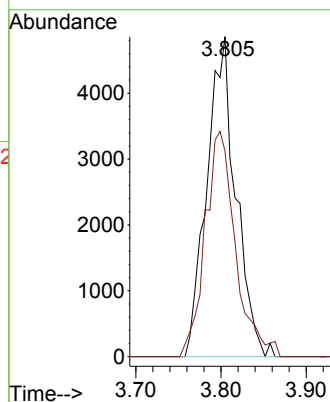
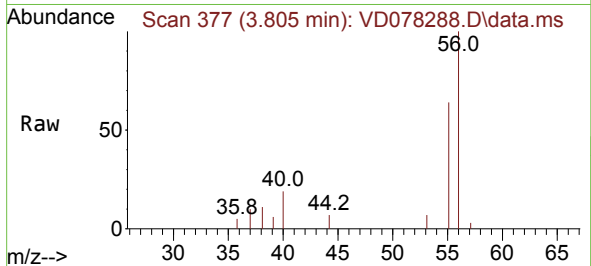




#13
Acrolein
Concen: 109.087 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

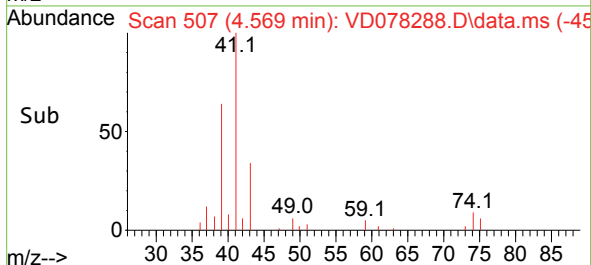
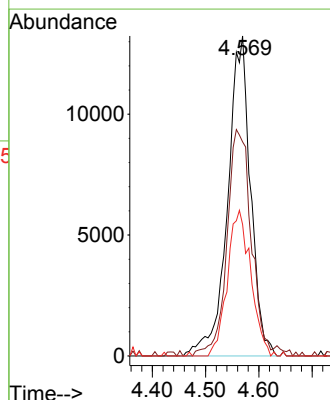
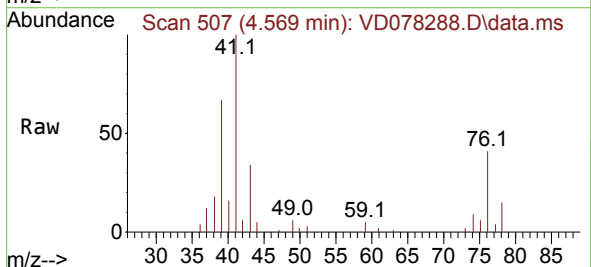
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

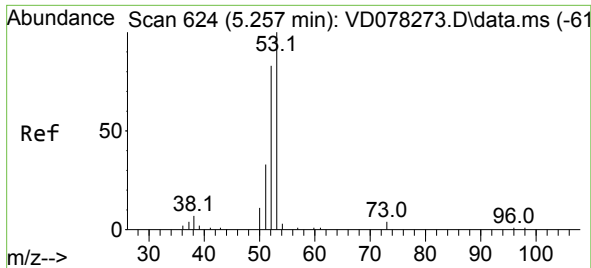
Tgt Ion: 56 Resp: 11499
Ion Ratio Lower Upper
56 100
55 73.9 55.1 82.7



#14
Allyl chloride
Concen: 19.999 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 41 Resp: 39642
Ion Ratio Lower Upper
41 100
39 74.8 53.8 80.6
76 46.5 45.8 68.8

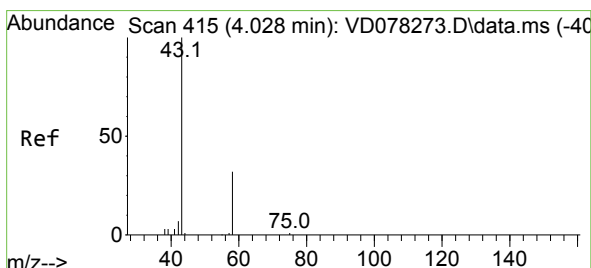
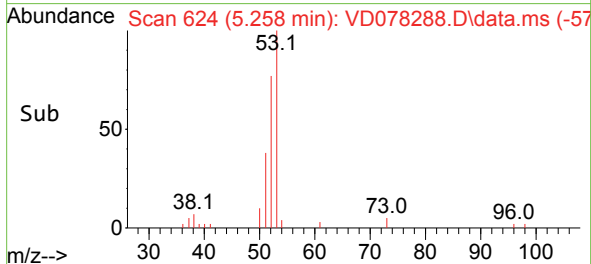
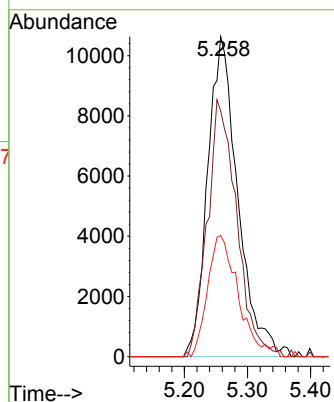
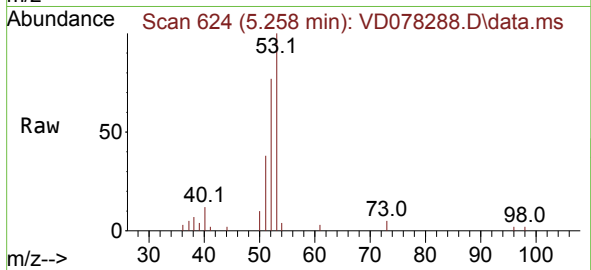




#15
Acrylonitrile
Concen: 105.920 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

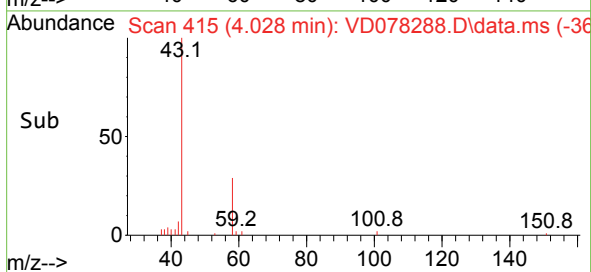
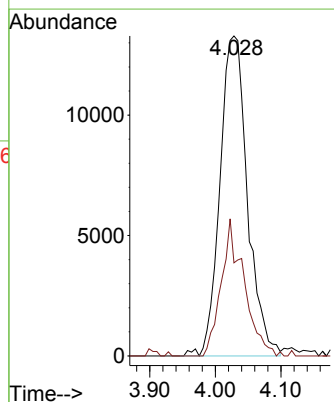
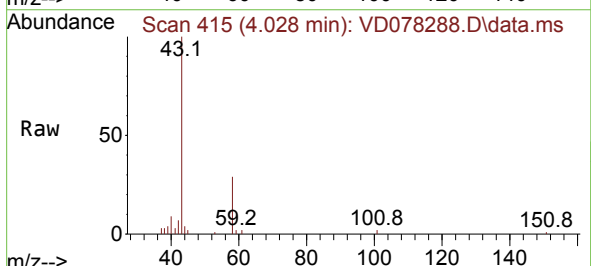
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

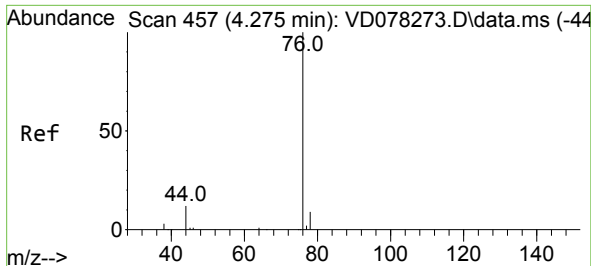
Tgt Ion:	53	Resp:	35162
Ion	Ratio	Lower	Upper
53	100		
52	78.2	65.0	97.4
51	38.9	28.3	42.5



#16
Acetone
Concen: 114.240 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:	43	Resp:	38763
Ion	Ratio	Lower	Upper
43	100		
58	29.1	34.7	52.1#

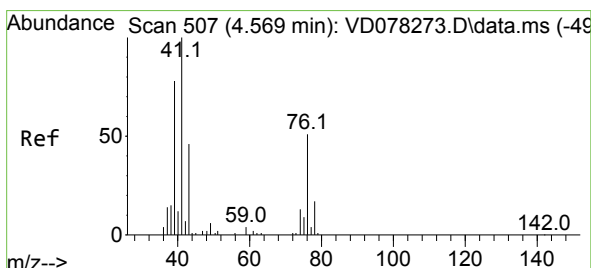
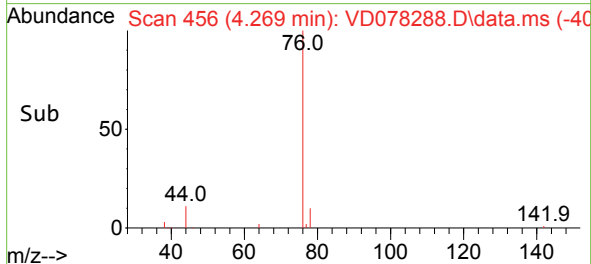
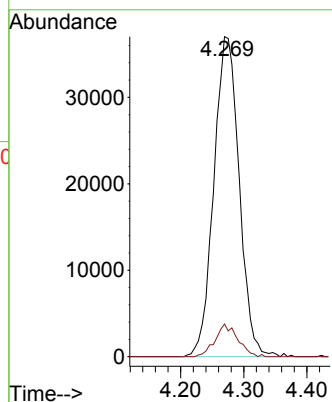
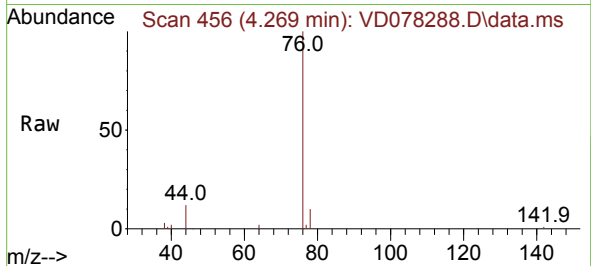




#17
Carbon Disulfide
Concen: 20.336 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

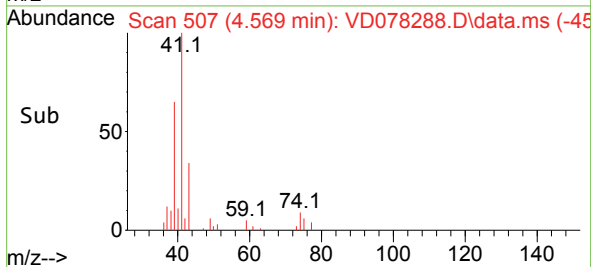
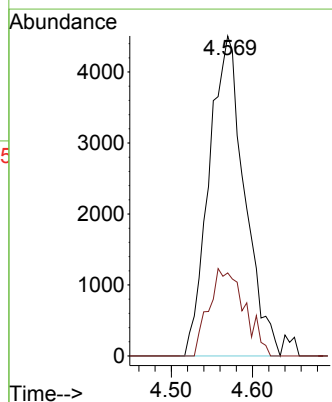
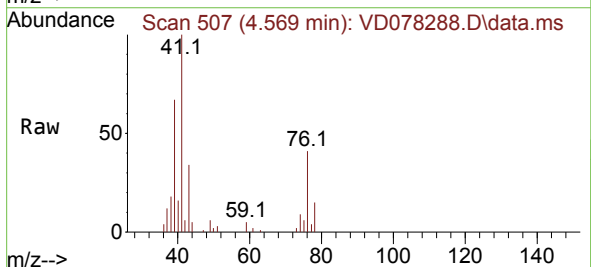
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

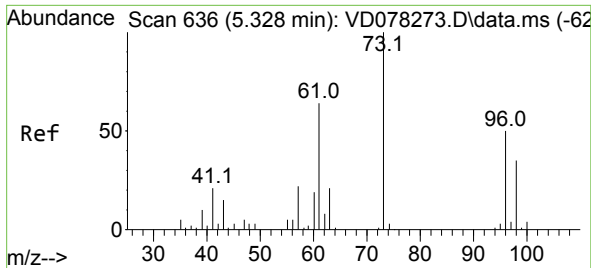
Tgt Ion: 76 Resp: 103211
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2#



#18
Methyl Acetate
Concen: 18.983 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 43 Resp: 13688
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6

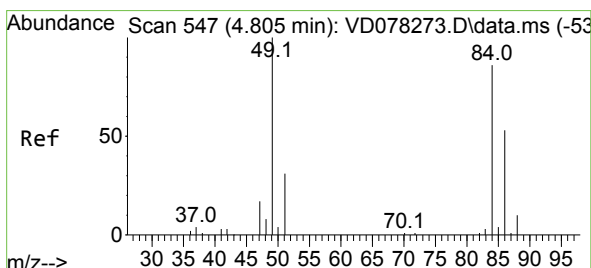
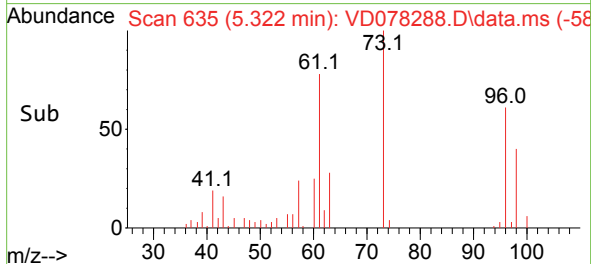
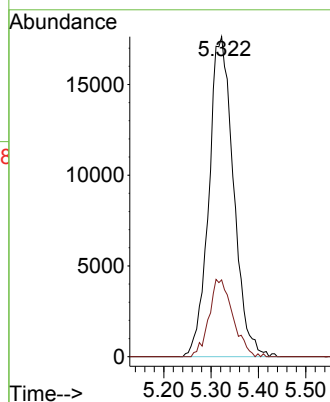
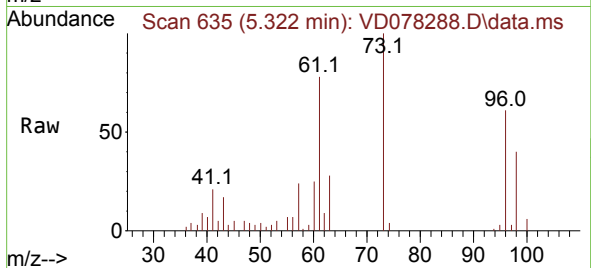




#19
Methyl tert-butyl Ether
Concen: 20.374 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

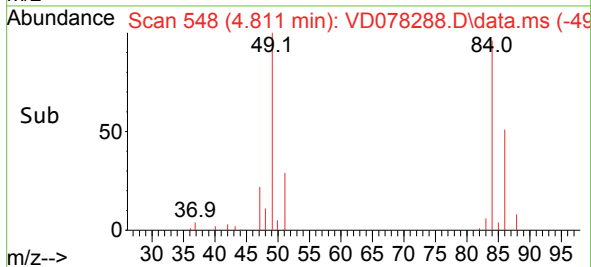
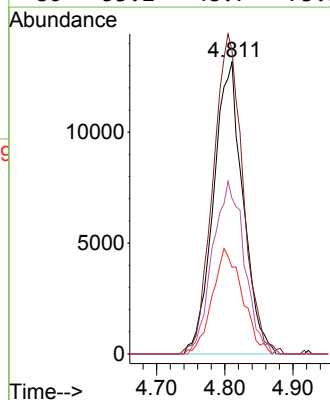
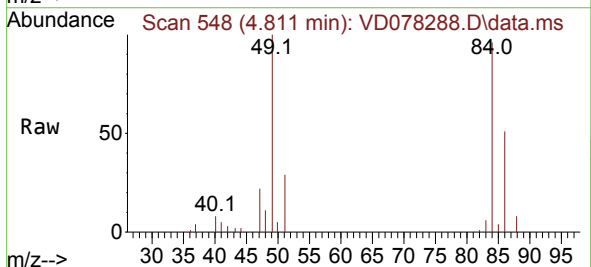
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

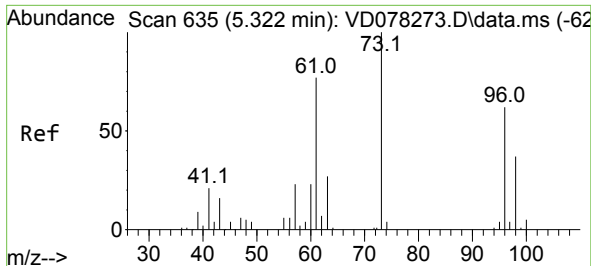
Tgt Ion: 73 Resp: 63701
Ion Ratio Lower Upper
73 100
57 24.0 16.6 25.0



#20
Methylene Chloride
Concen: 22.638 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 84 Resp: 39647
Ion Ratio Lower Upper
84 100
49 103.8 71.4 107.2
51 29.7 24.5 36.7
86 53.2 48.7 73.1

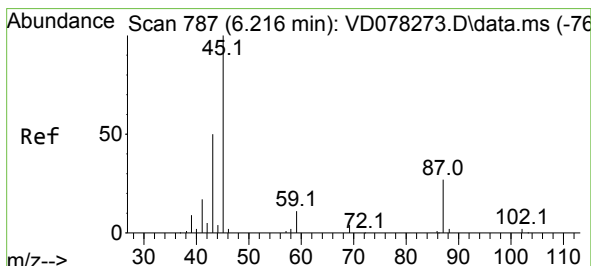
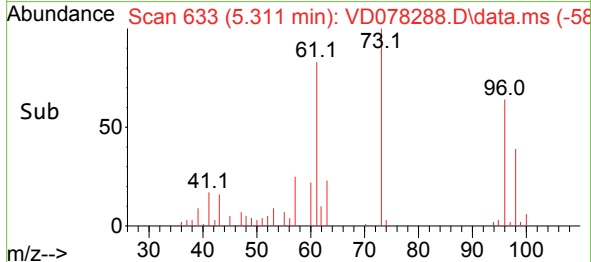
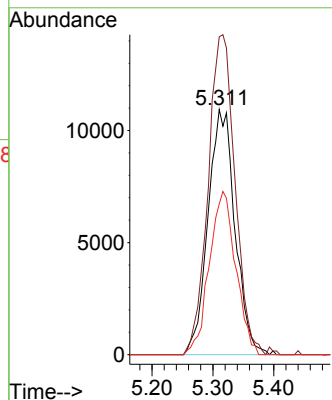
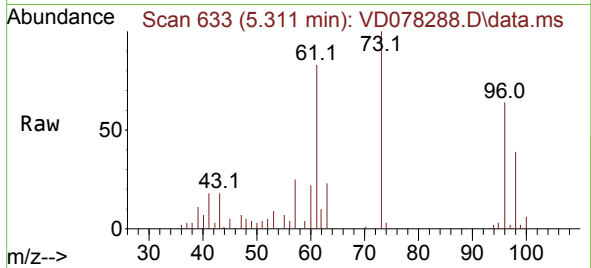




#21
trans-1,2-Dichloroethene
Concen: 19.883 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

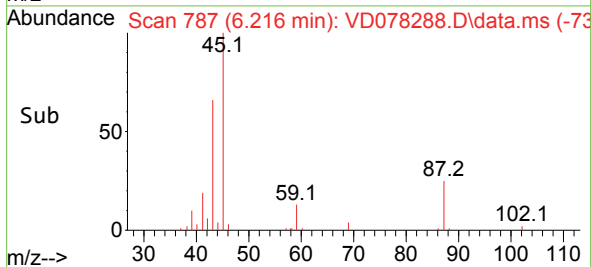
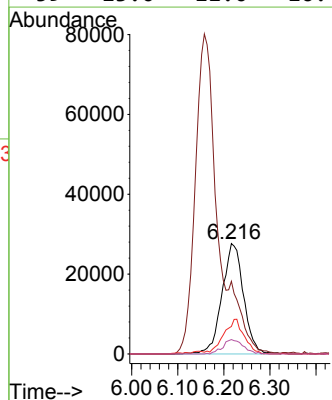
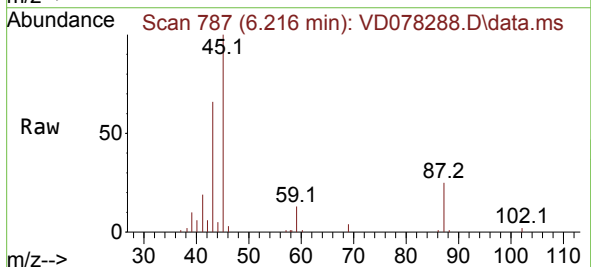
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

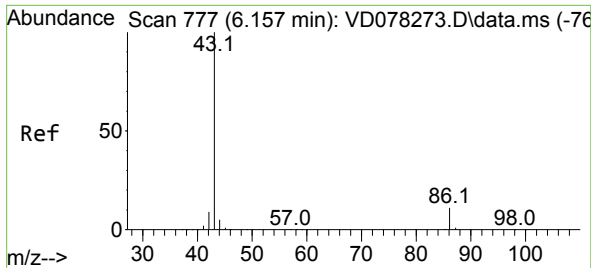
Tgt Ion: 96 Resp: 33798
Ion Ratio Lower Upper
96 100
61 129.7 89.3 133.9
98 61.5 48.6 73.0



#22
Diisopropyl ether
Concen: 21.270 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 45 Resp: 89711
Ion Ratio Lower Upper
45 100
43 65.2 40.0 60.0#
87 25.0 28.2 42.4#
59 13.0 11.0 16.4

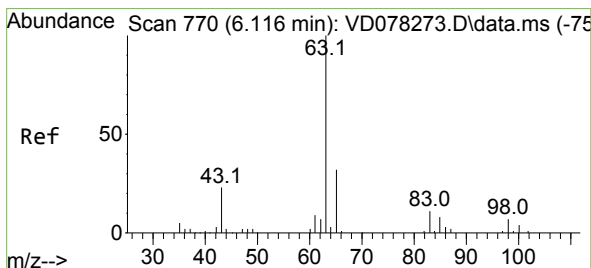
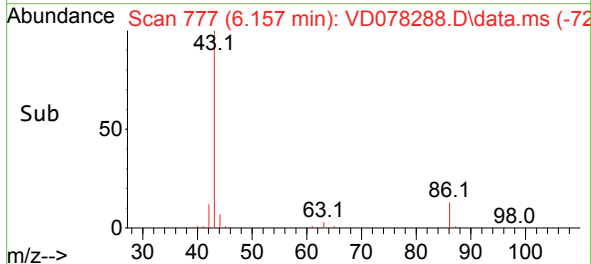
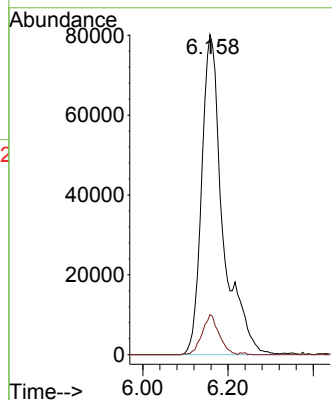
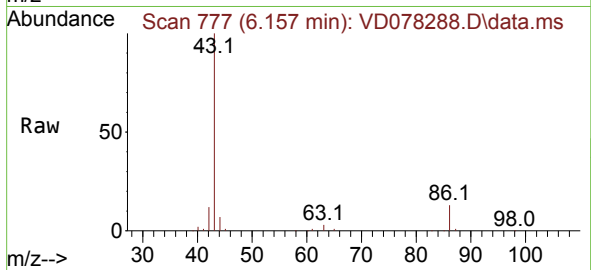




#23
 Vinyl Acetate
 Concen: 107.702 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

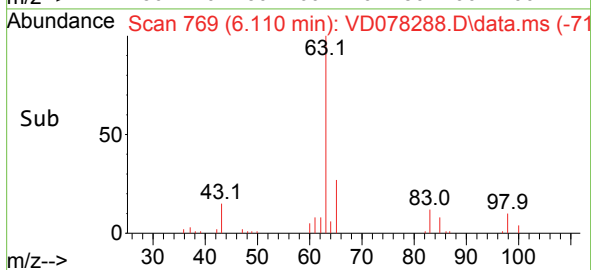
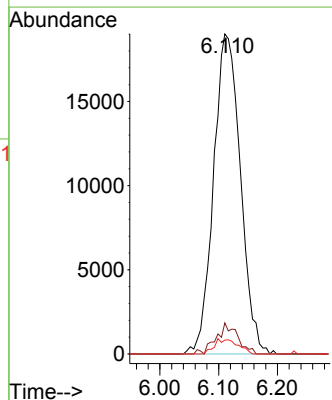
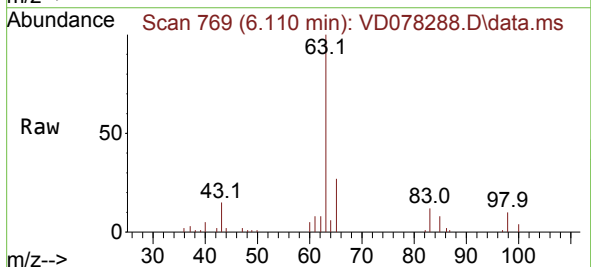
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

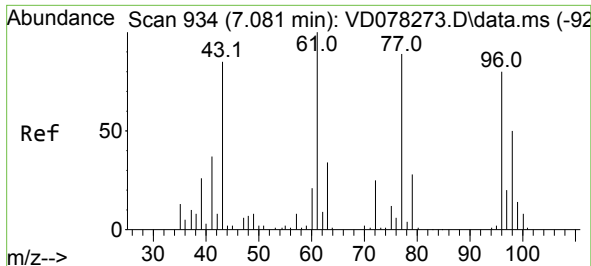
Tgt Ion: 43 Resp: 277141
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.658 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

Tgt Ion: 63 Resp: 60318
 Ion Ratio Lower Upper
 63 100
 98 9.7 4.5 13.7
 100 4.3 2.5 7.5

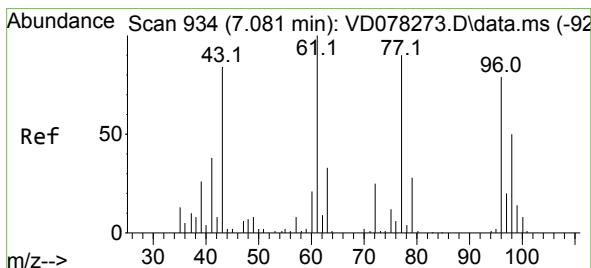
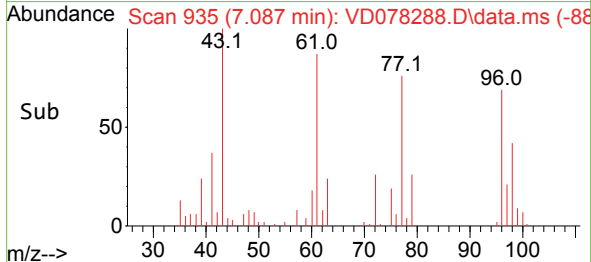
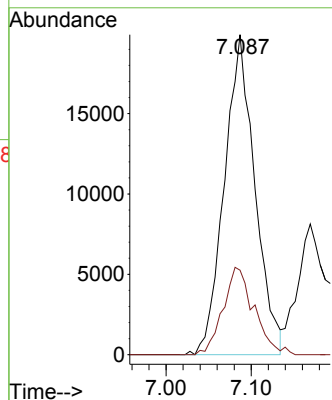
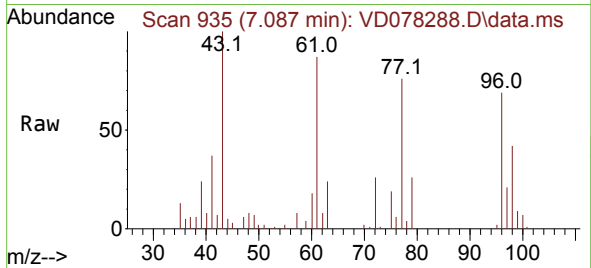




#25
2-Butanone
Concen: 110.129 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

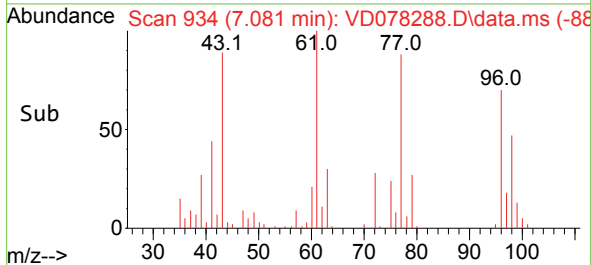
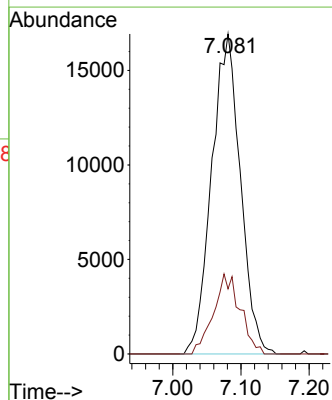
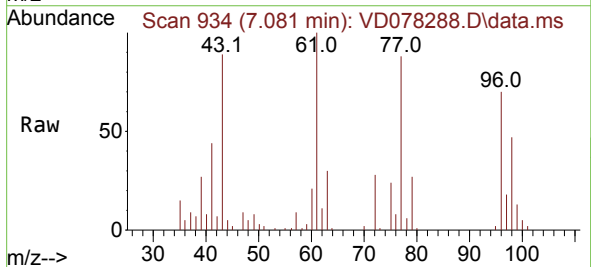
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

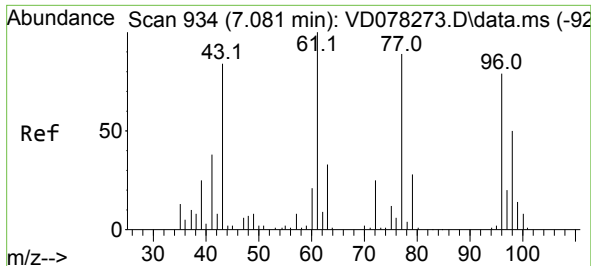
Tgt Ion: 43 Resp: 49645
Ion Ratio Lower Upper
43 100
72 26.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.800 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 77 Resp: 49611
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.345 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

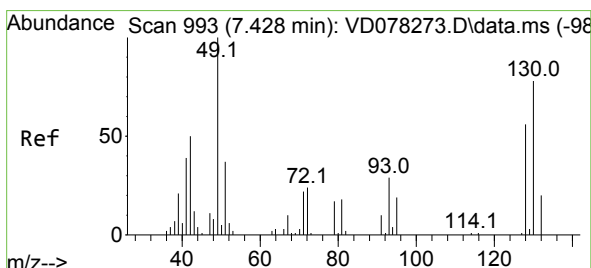
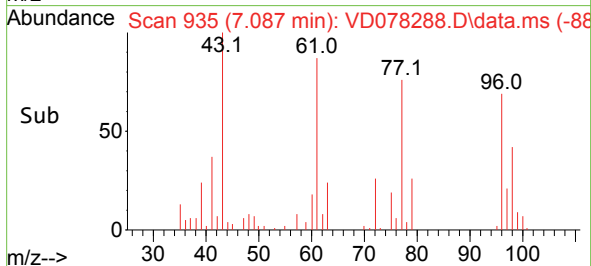
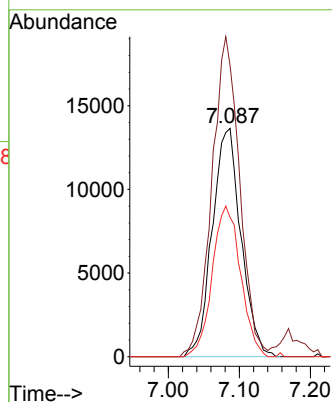
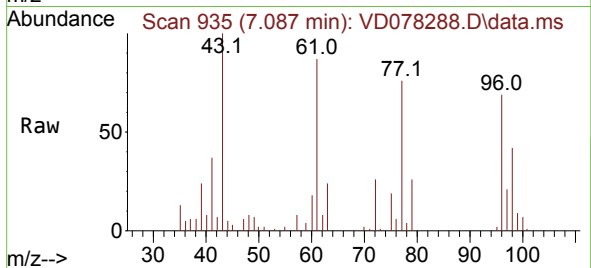
Tgt Ion: 96 Resp: 38329

Ion Ratio Lower Upper

96 100

61 135.4 0.0 239.2

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 20.332 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

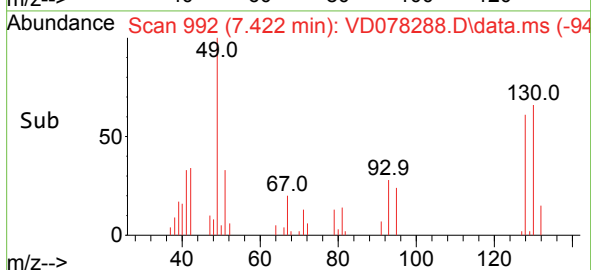
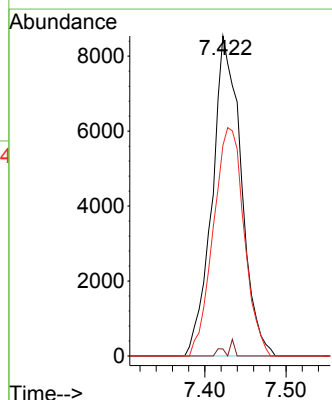
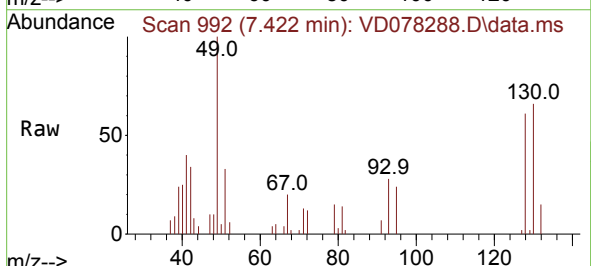
Tgt Ion: 49 Resp: 21174

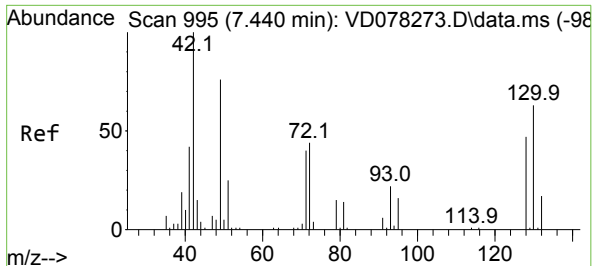
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.0

130 75.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 107.747 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

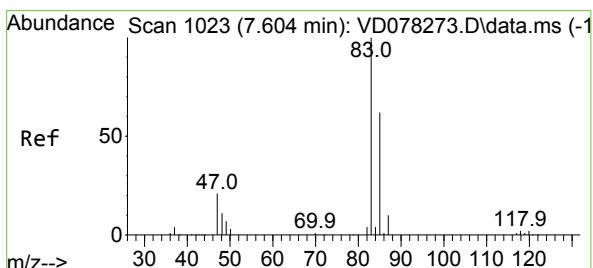
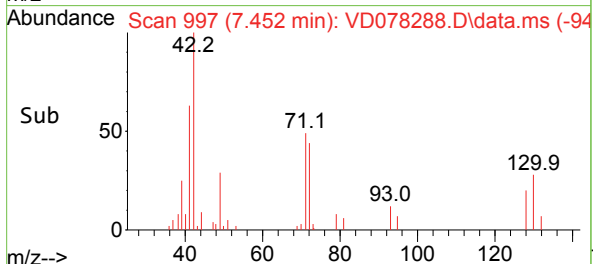
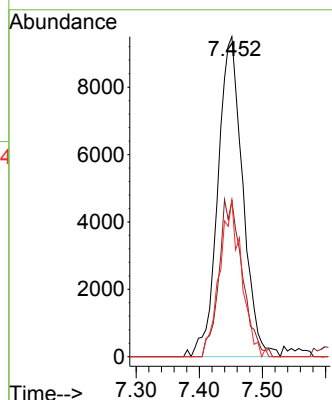
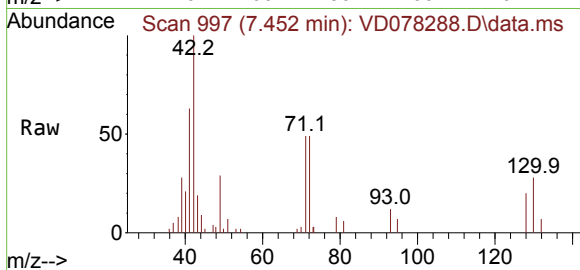
Tgt Ion: 42 Resp: 25984

Ion Ratio Lower Upper

42 100

72 46.4 46.5 69.7#

71 43.2 44.5 66.7#



#30

Chloroform

Concen: 21.246 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078288.D

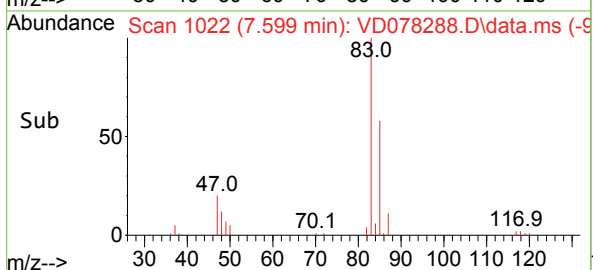
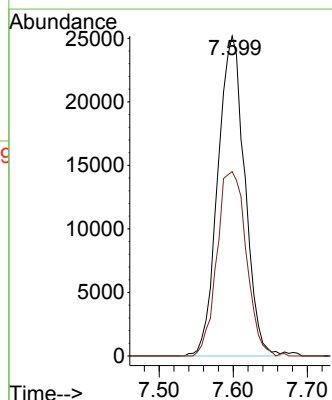
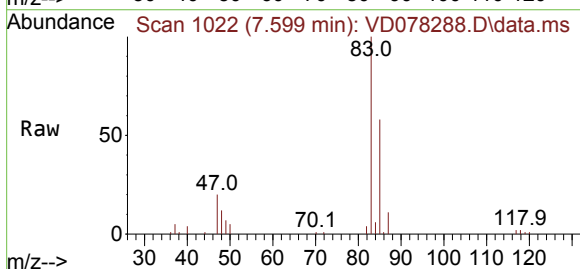
Acq: 31 Jan 2024 12:41

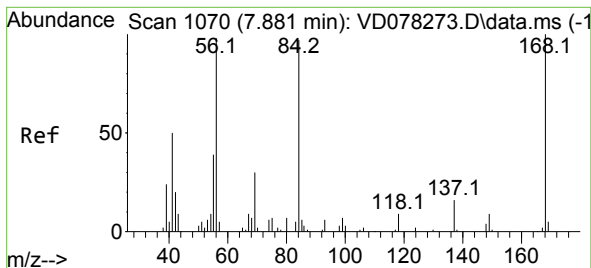
Tgt Ion: 83 Resp: 63428

Ion Ratio Lower Upper

83 100

85 57.6 53.4 80.2





#31

Cyclohexane

Concen: 20.173 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

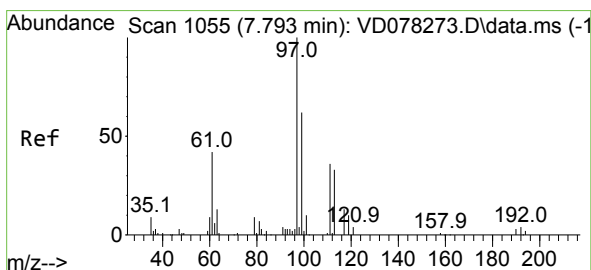
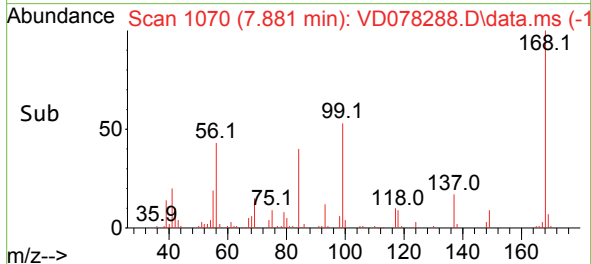
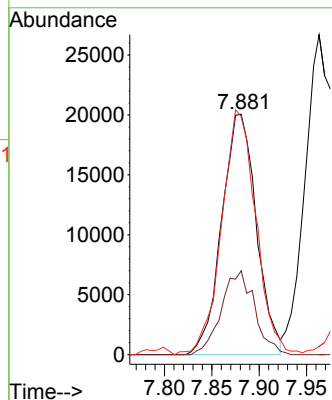
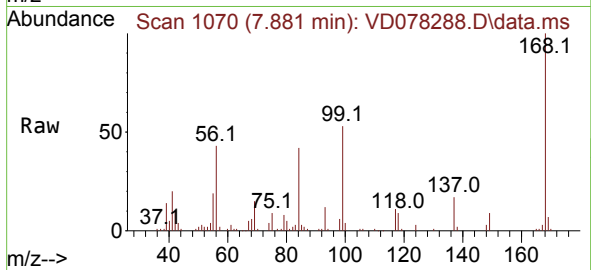
Tgt Ion: 56 Resp: 51111

Ion Ratio Lower Upper

56 100

69 34.9 28.6 43.0

84 97.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.887 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

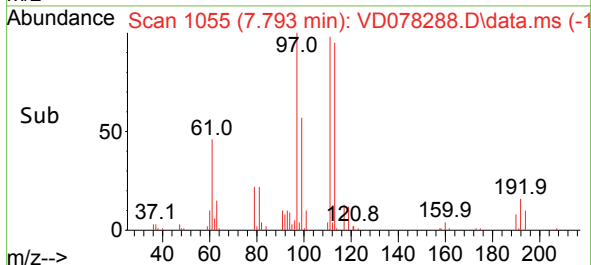
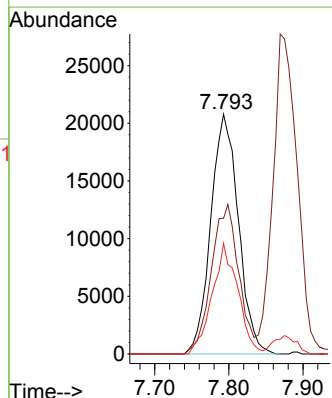
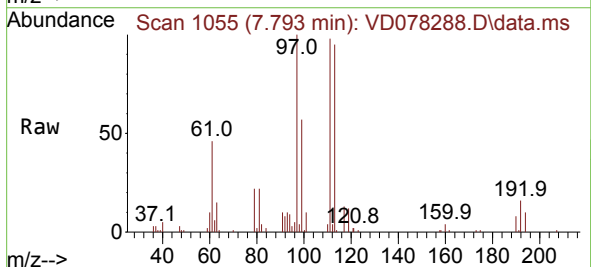
Tgt Ion: 97 Resp: 53739

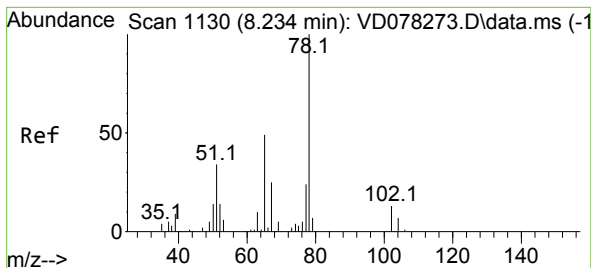
Ion Ratio Lower Upper

97 100

99 61.6 52.0 78.0

61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.887 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

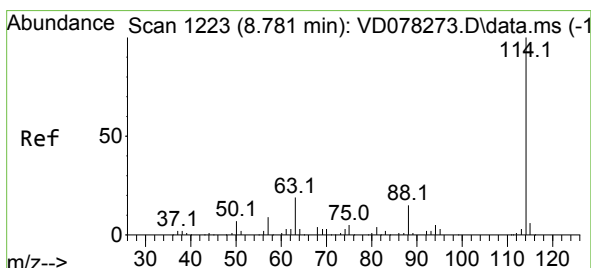
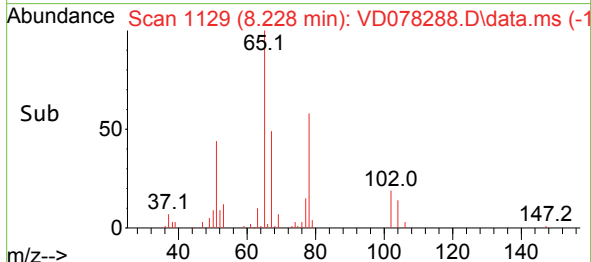
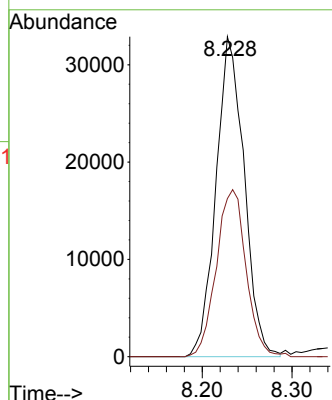
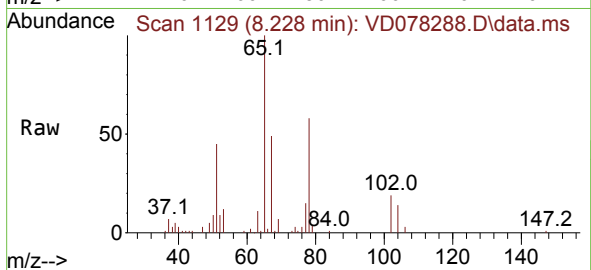
VD0131SBS01

Tgt Ion: 65 Resp: 71548

Ion Ratio Lower Upper

65 100

67 55.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

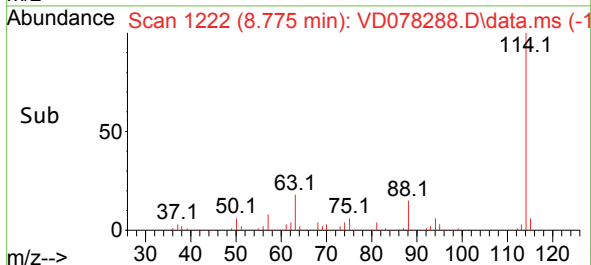
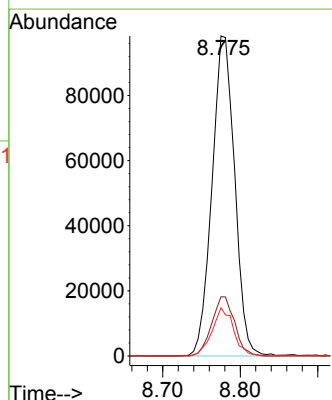
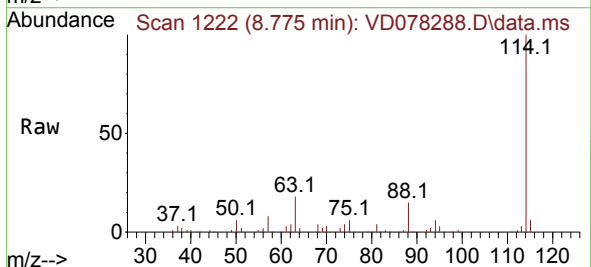
Tgt Ion: 114 Resp: 199468

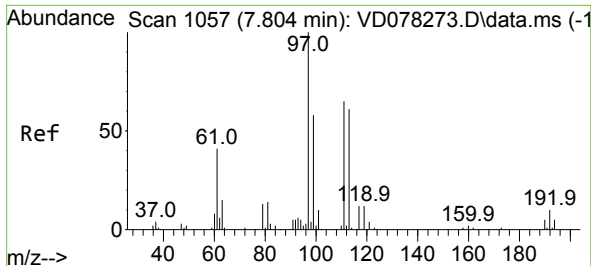
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.326 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

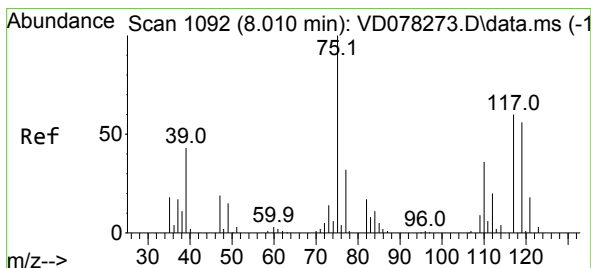
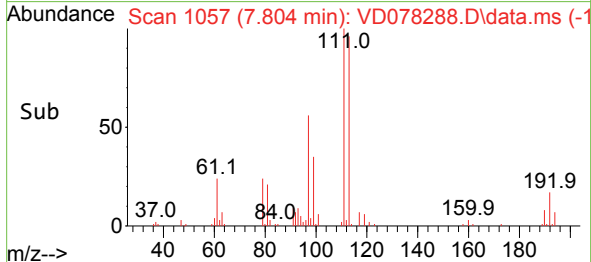
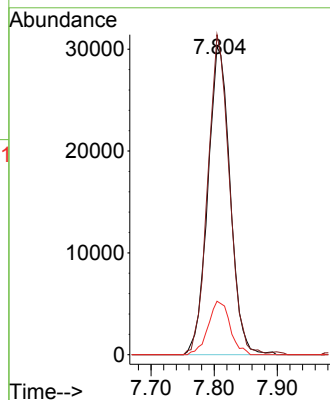
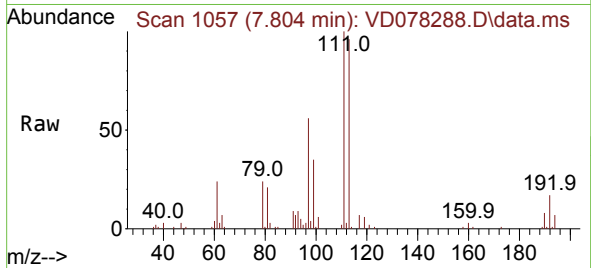
Tgt Ion:113 Resp: 74307

Ion Ratio Lower Upper

113 100

111 100.3 84.7 127.1

192 17.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.449 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

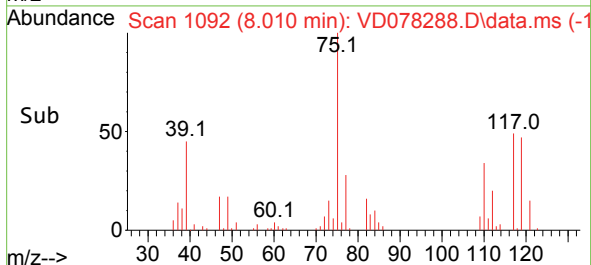
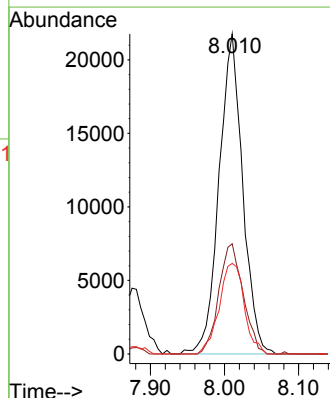
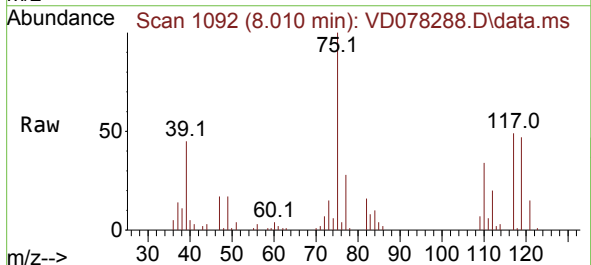
Tgt Ion: 75 Resp: 48155

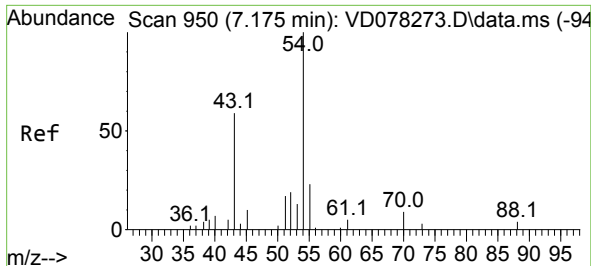
Ion Ratio Lower Upper

75 100

110 35.4 19.9 59.6

77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 22.669 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

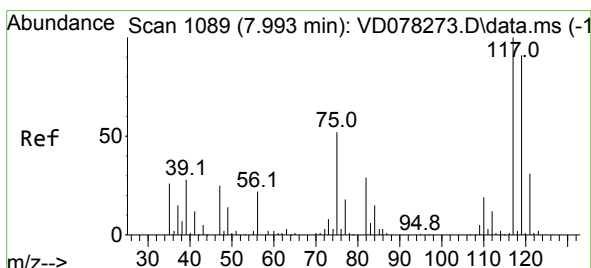
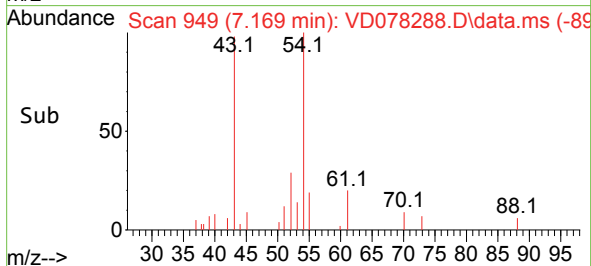
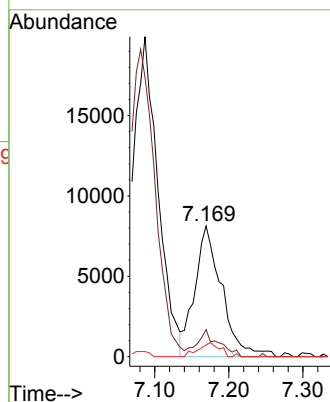
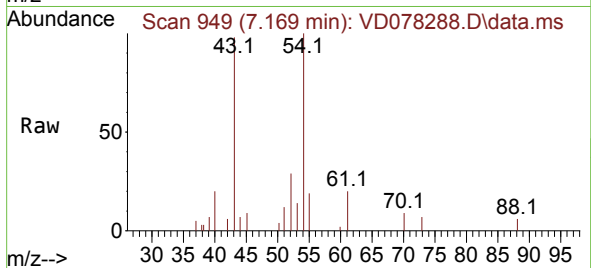
Tgt Ion: 43 Resp: 20546

Ion Ratio Lower Upper

43 100

61 16.3 14.9 22.3

70 8.3 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.668 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

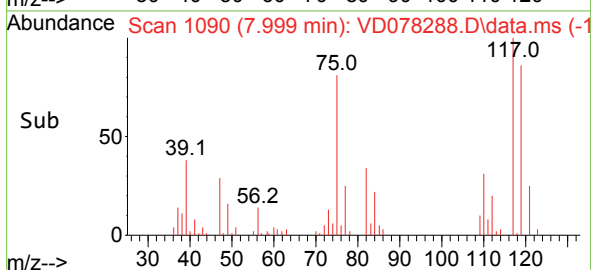
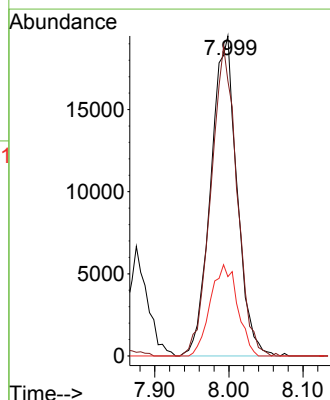
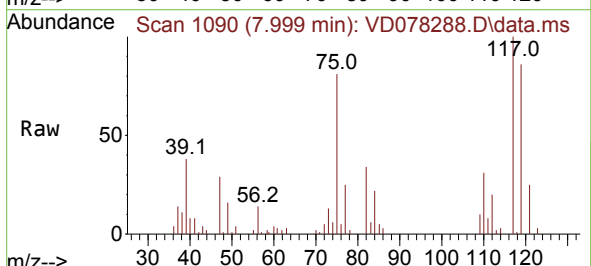
Tgt Ion: 117 Resp: 47855

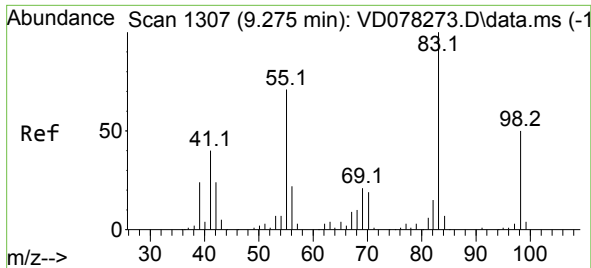
Ion Ratio Lower Upper

117 100

119 86.0 78.0 117.0

121 24.8 24.2 36.2

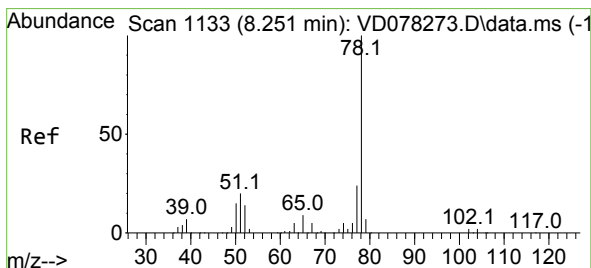
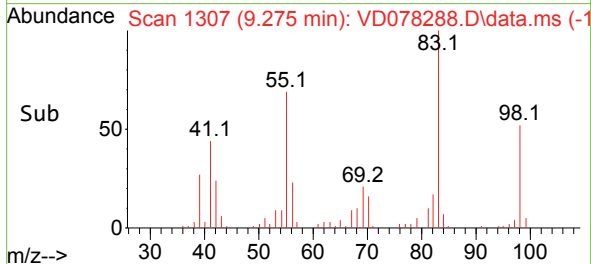
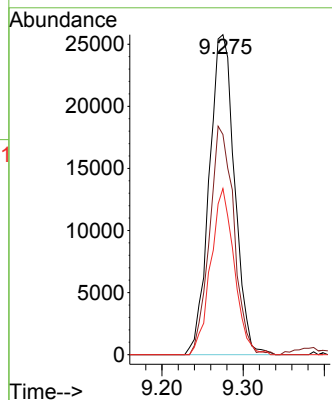
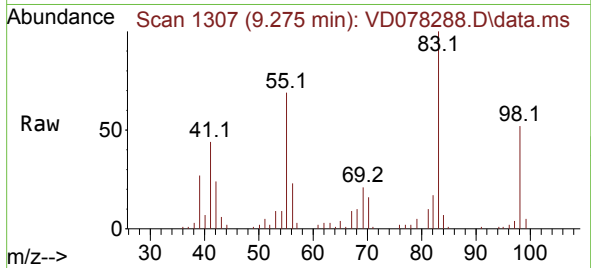




#39
Methylcyclohexane
Concen: 20.047 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

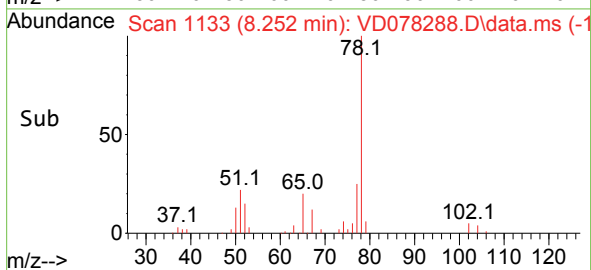
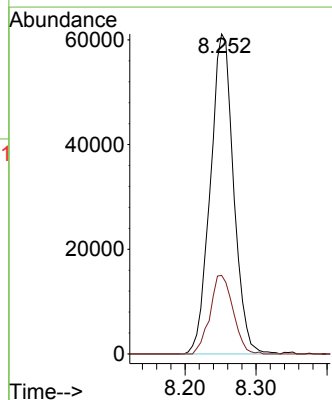
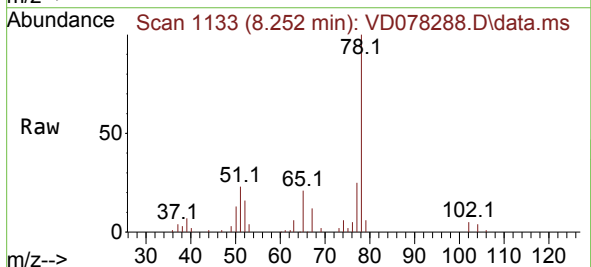
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

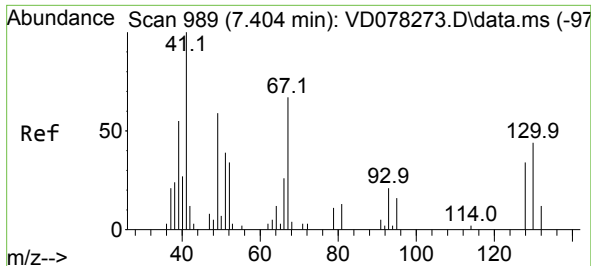
Tgt Ion: 83 Resp: 55815
Ion Ratio Lower Upper
83 100
55 68.8 49.4 74.0
98 51.9 38.4 57.6



#40
Benzene
Concen: 20.212 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 78 Resp: 138878
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

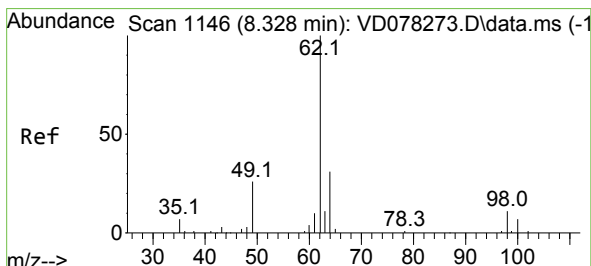
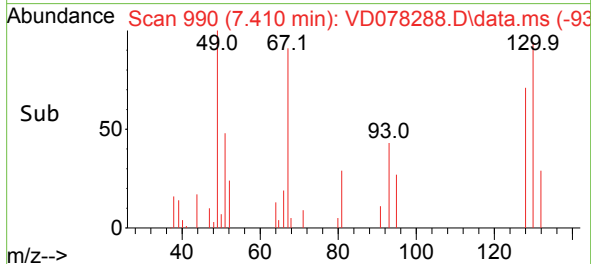
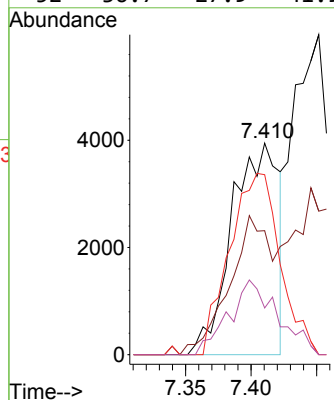
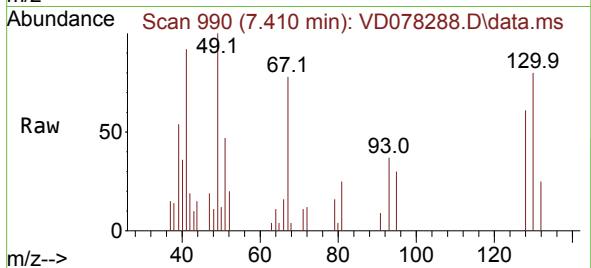




#41
Methacrylonitrile
Concen: 20.205 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

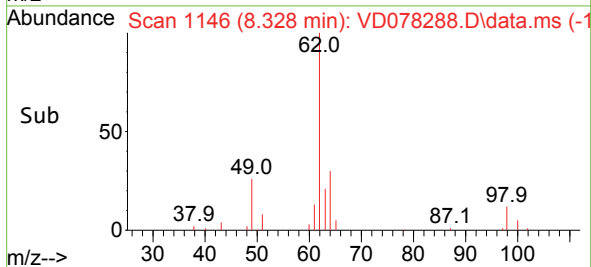
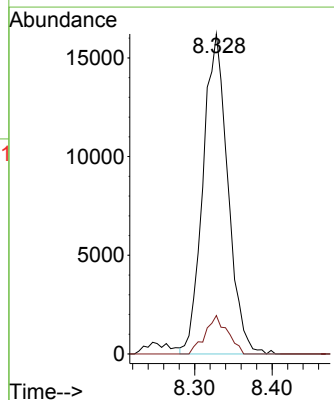
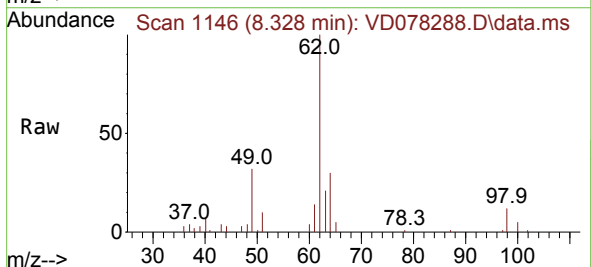
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

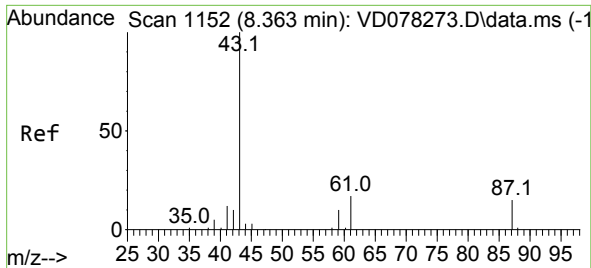
Tgt Ion: 41	Resp: 9845
Ion Ratio	Lower Upper
41 100	
39 56.6	34.0 51.0#
67 92.0	77.0 115.4
52 36.7	27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 62	Resp: 36147
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 25.4

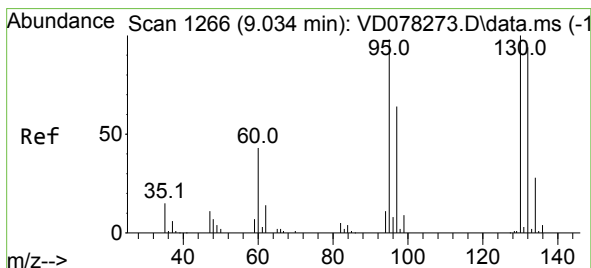
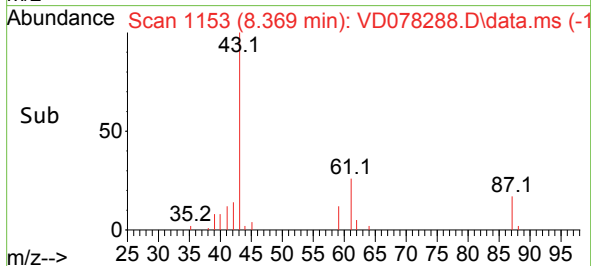
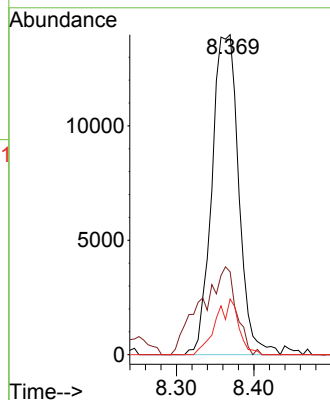
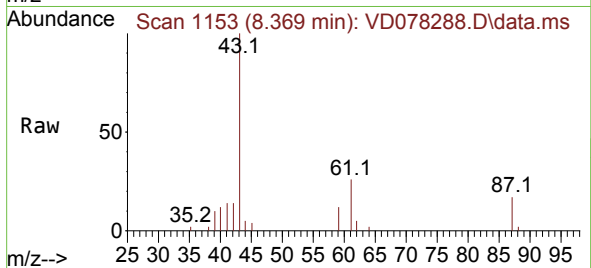




#43
Isopropyl Acetate
Concen: 20.672 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

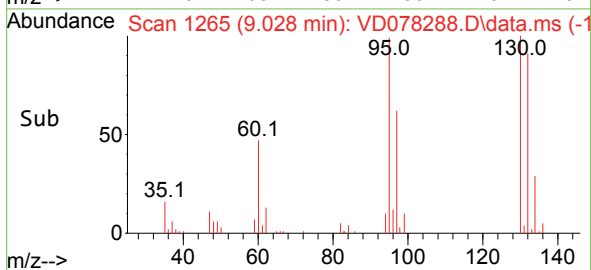
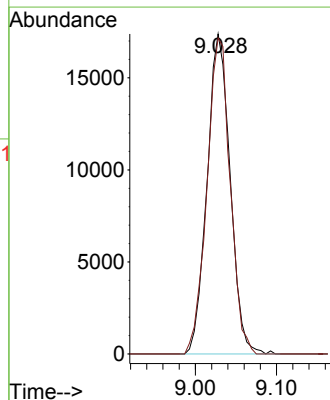
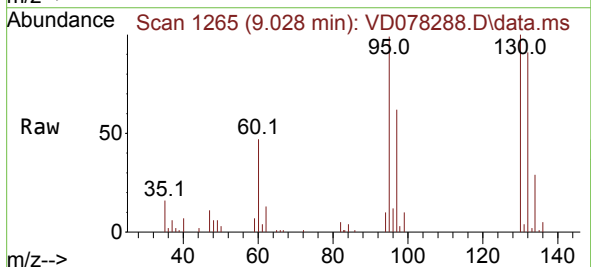
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

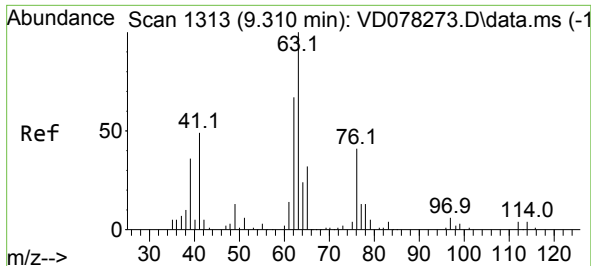
Tgt Ion: 43	Resp: 33593
Ion Ratio	Lower Upper
43	100
61	36.3 31.4 47.0
87	15.0 14.9 22.3



#44
Trichloroethene
Concen: 20.380 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 130	Resp: 34385
Ion Ratio	Lower Upper
130	100
95	98.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.064 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

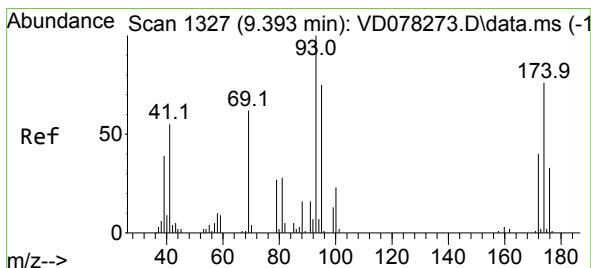
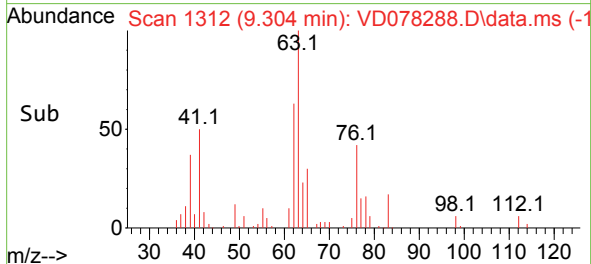
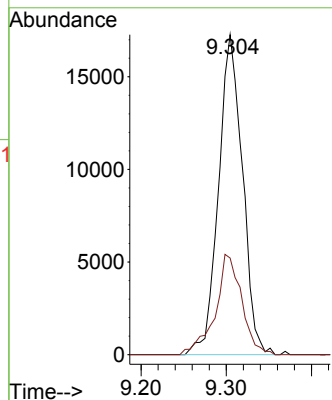
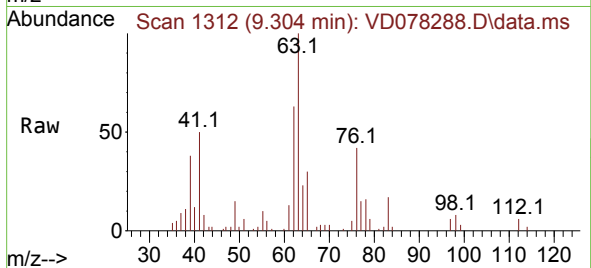
VD0131SBS01

Tgt Ion: 63 Resp: 33706

Ion Ratio Lower Upper

63 100

65 30.2 24.5 36.7



#46

Dibromomethane

Concen: 20.435 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

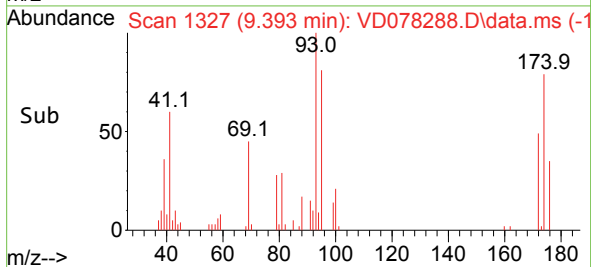
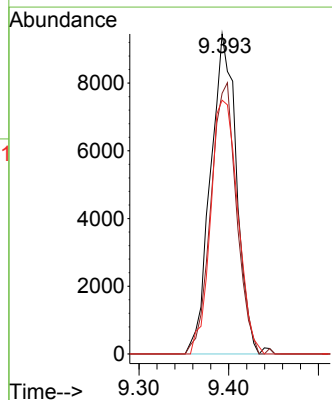
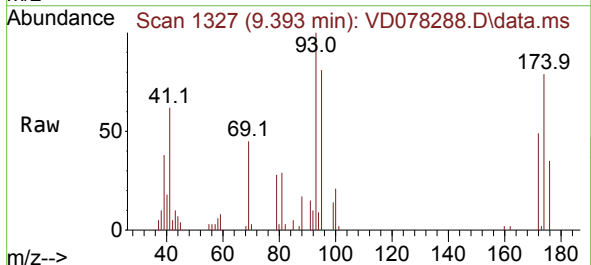
Tgt Ion: 93 Resp: 19047

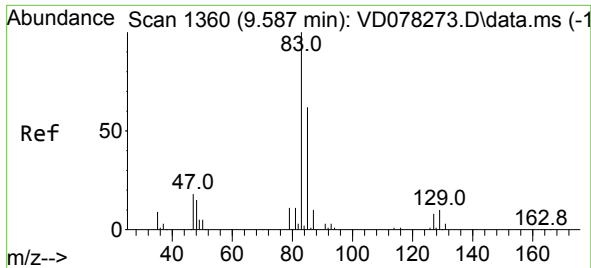
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

174 82.8 85.4 128.2#

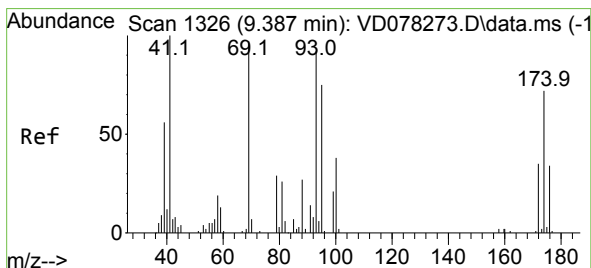
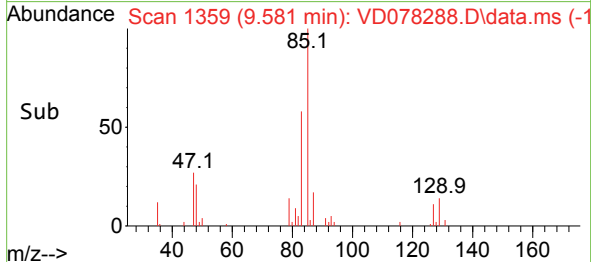
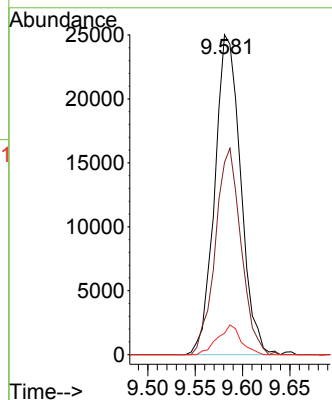
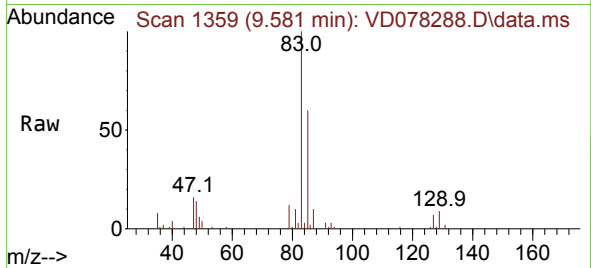




#47
Bromodichloromethane
Concen: 20.771 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

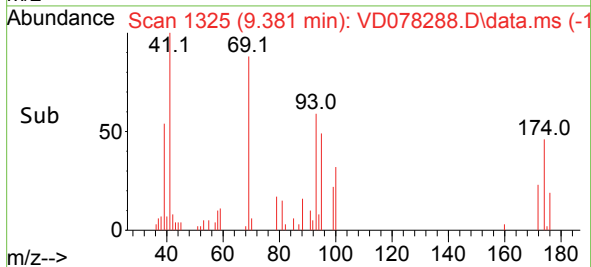
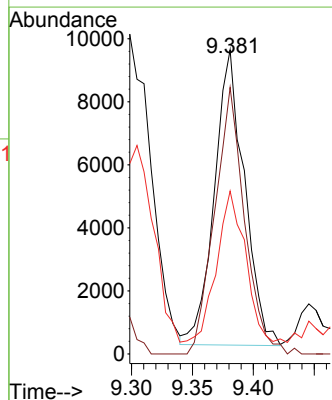
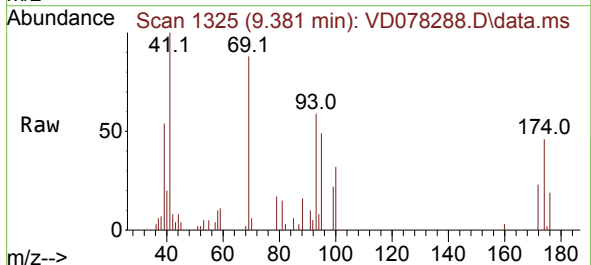
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

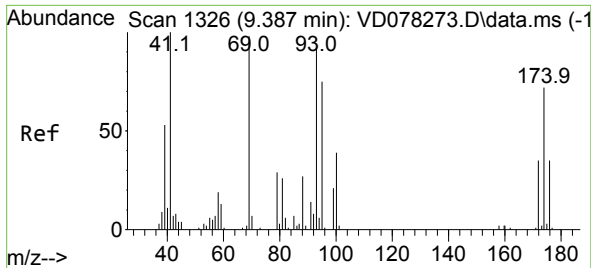
Tgt Ion: 83 Resp: 47634
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.4
127 6.7 6.3 9.5



#48
Methyl methacrylate
Concen: 20.669 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

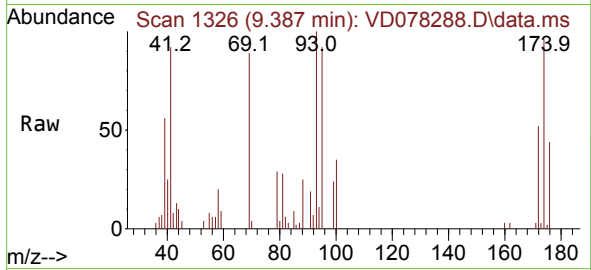
Tgt Ion: 41 Resp: 16050
Ion Ratio Lower Upper
41 100
69 90.1 102.2 153.2#
39 48.7 41.4 62.2



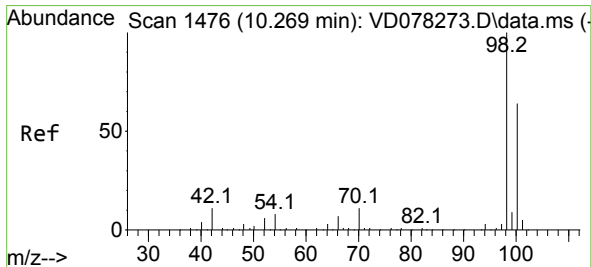
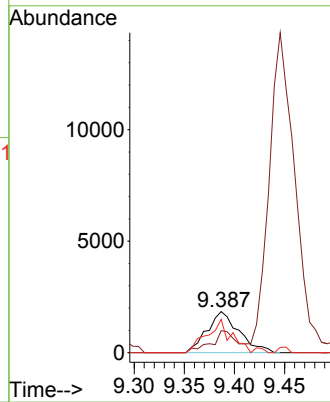
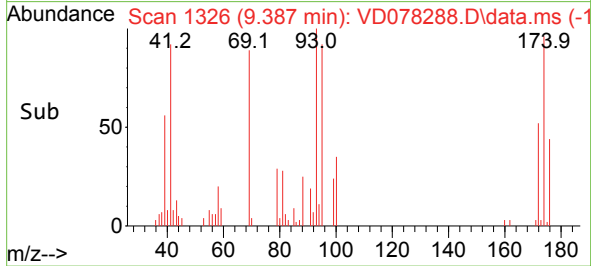


#49
1,4-Dioxane
Concen: 390.595 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

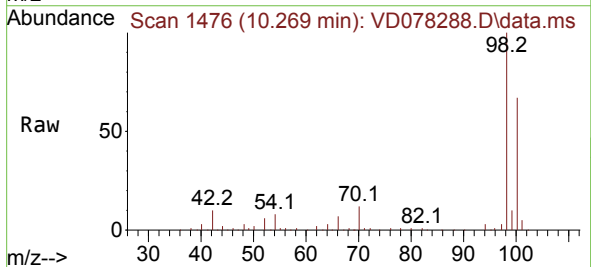
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01



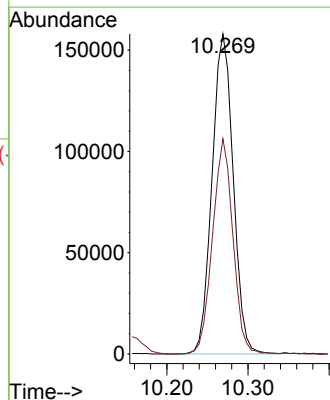
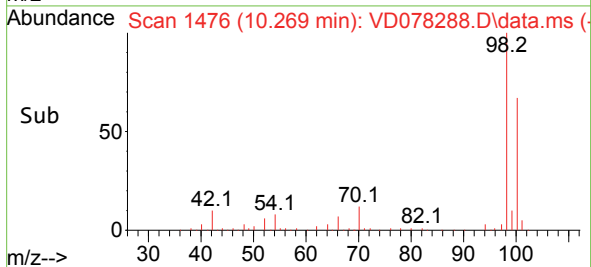
Tgt Ion: 88 Resp: 4084
Ion Ratio Lower Upper
88 100
43 42.0 19.0 28.6#
58 65.3 43.5 65.3#

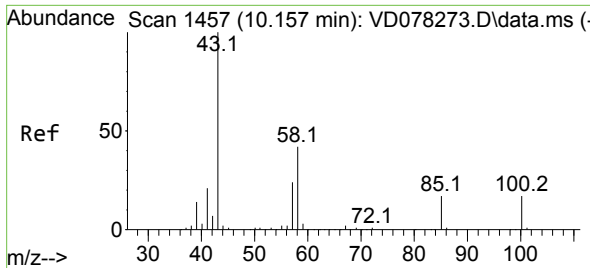


#50
Toluene-d8
Concen: 53.269 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41



Tgt Ion: 98 Resp: 286397
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

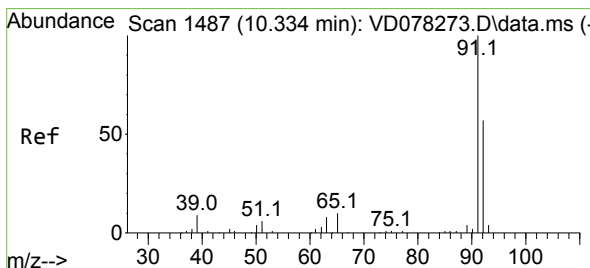
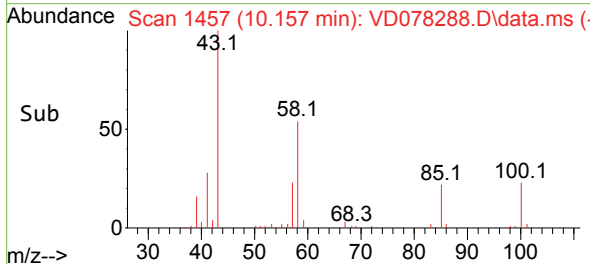
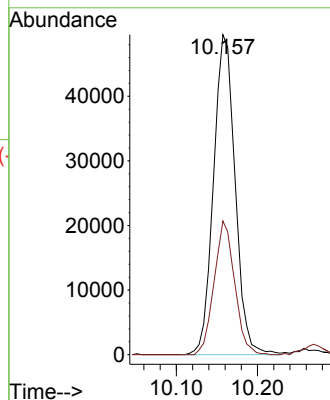
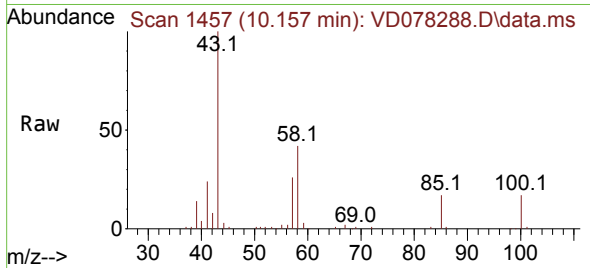




#51
4-Methyl-2-Pentanone
Concen: 104.434 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

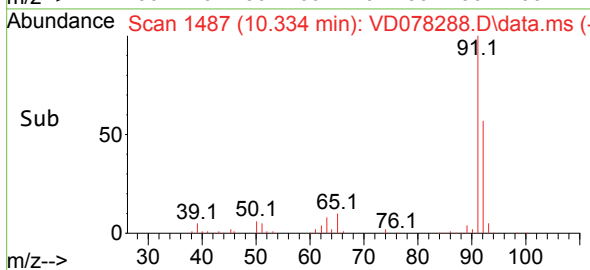
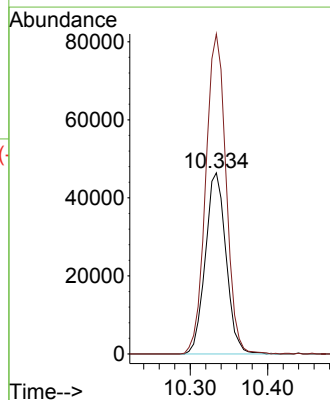
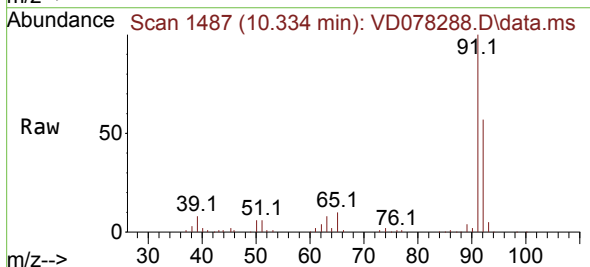
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

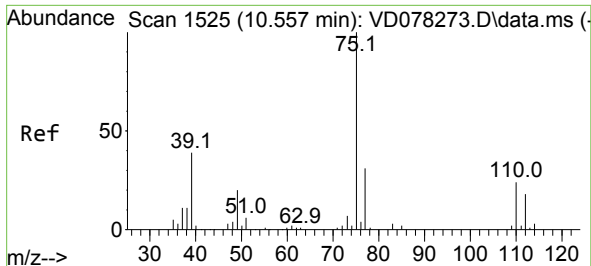
Tgt Ion: 43 Resp: 91806
Ion Ratio Lower Upper
43 100
58 39.7 38.9 58.3



#52
Toluene
Concen: 20.612 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 92 Resp: 85902
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 20.243 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

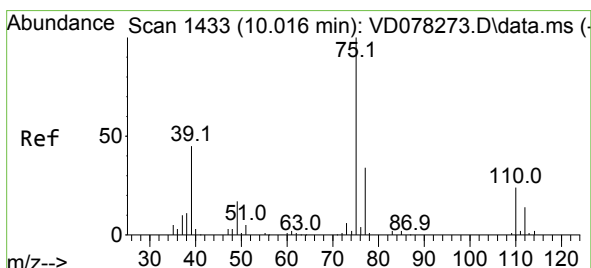
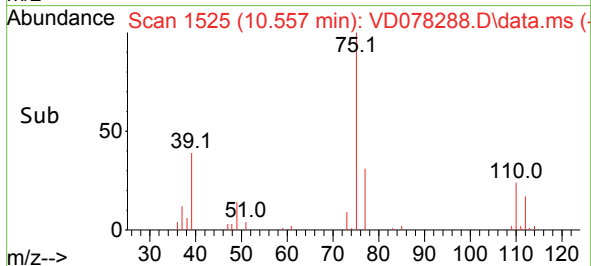
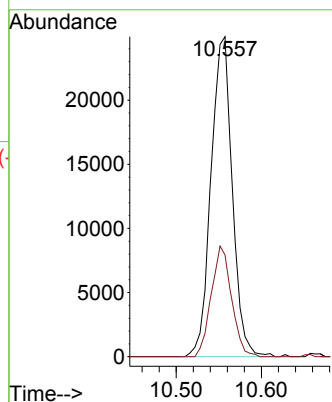
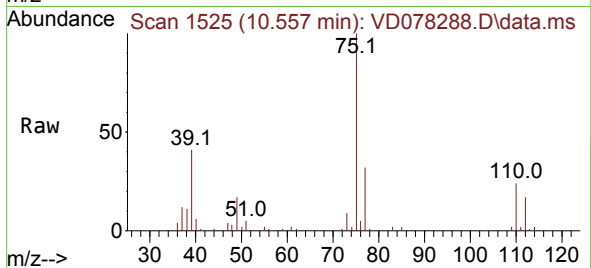
VD0131SBS01

Tgt Ion: 75 Resp: 43361

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.768 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

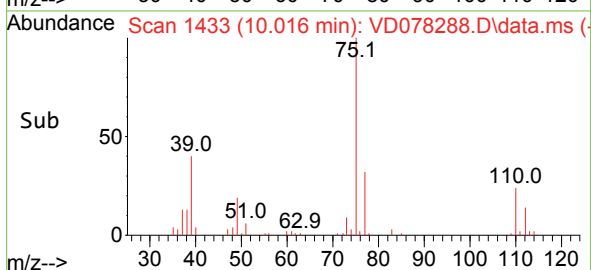
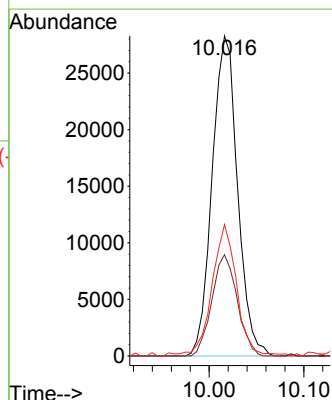
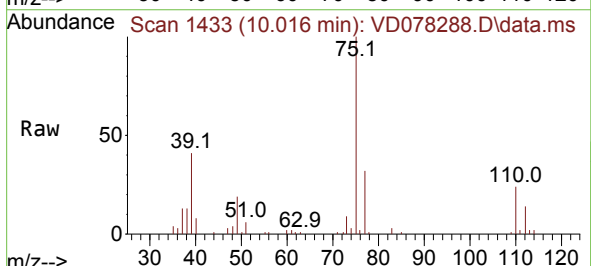
Tgt Ion: 75 Resp: 52666

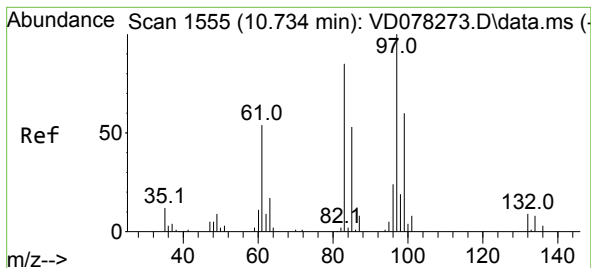
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 40.5 22.1 33.1#

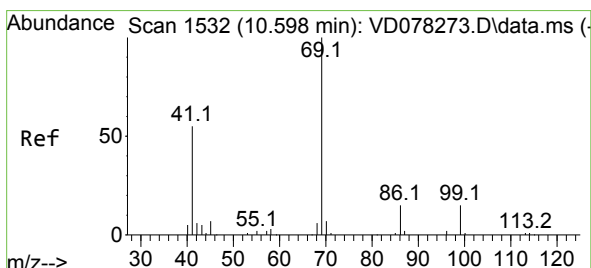
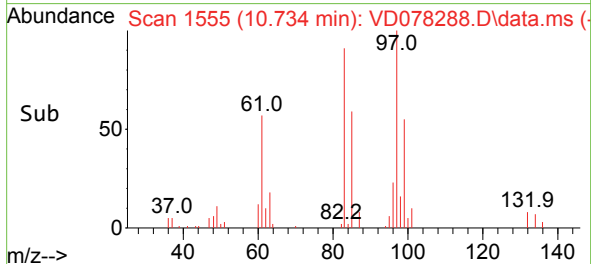
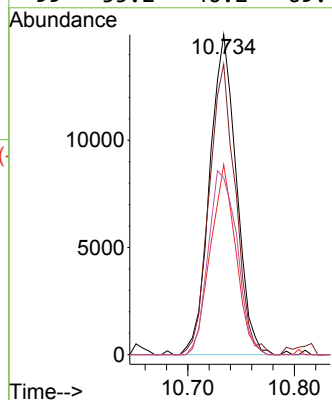
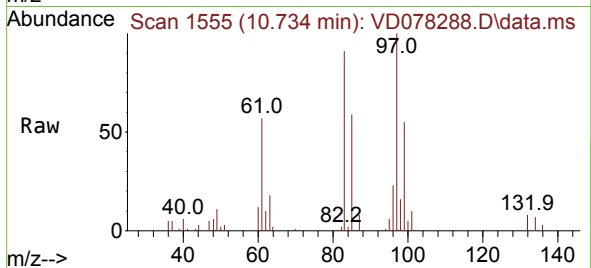




#55
 1,1,2-Trichloroethane
 Concen: 21.310 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

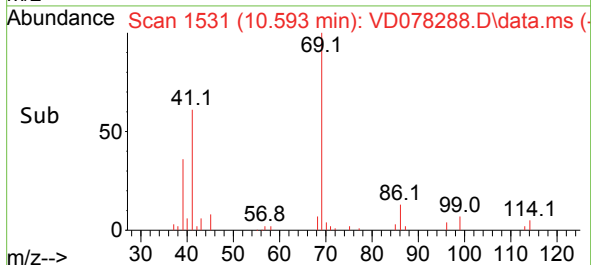
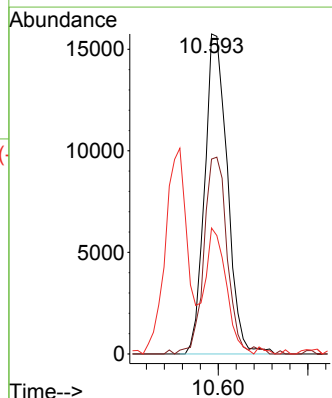
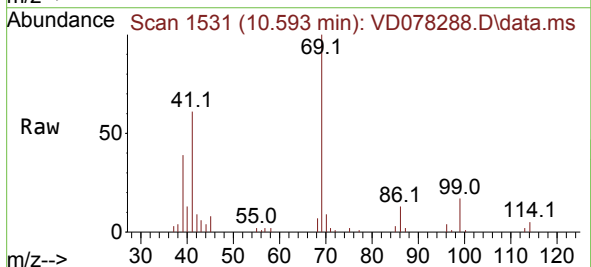
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

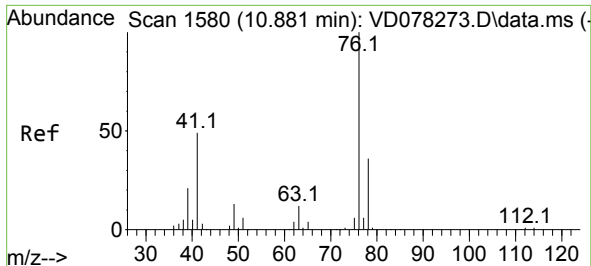
Tgt Ion: 97	Resp: 25920
Ion Ratio	Lower Upper
97 100	
83 90.8	65.8 98.6
85 59.3	45.7 68.5
99 55.2	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 20.099 ug/l
 RT: 10.593 min Scan# 1531
 Delta R.T. -0.006 min
 Lab File: VD078288.D
 Acq: 31 Jan 2024 12:41

Tgt Ion: 69	Resp: 27730
Ion Ratio	Lower Upper
69 100	
41 62.3	39.1 58.7#
39 36.8	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.440 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

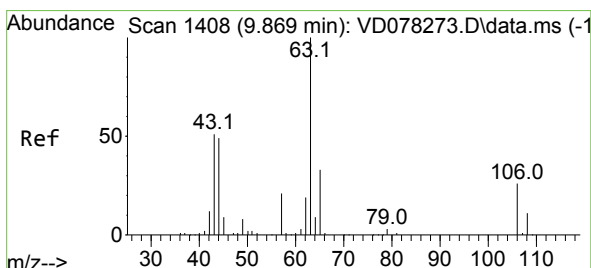
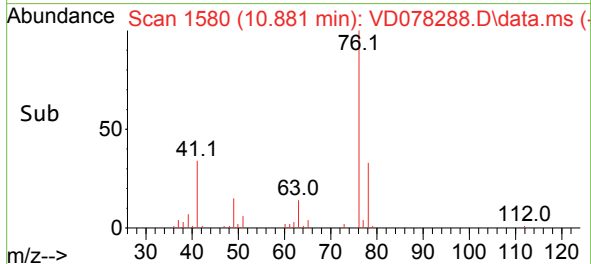
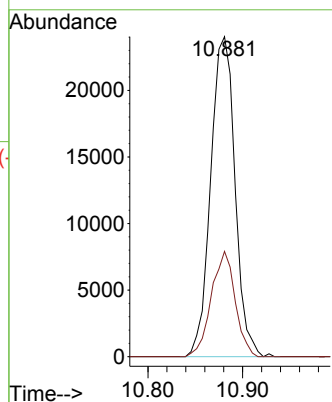
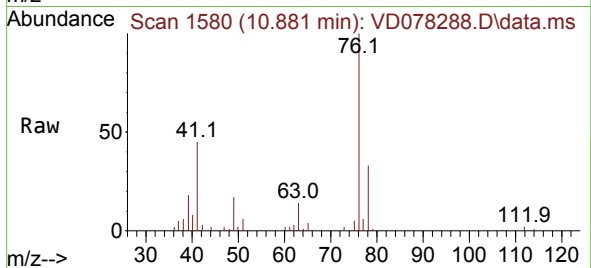
VD0131SBS01

Tgt Ion: 76 Resp: 42868

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.062 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078288.D

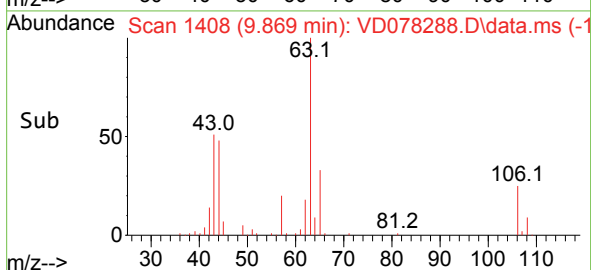
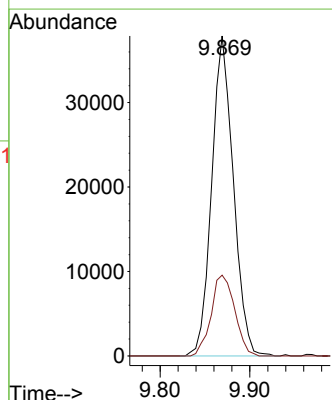
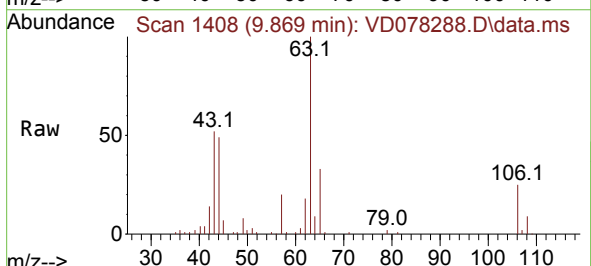
Acq: 31 Jan 2024 12:41

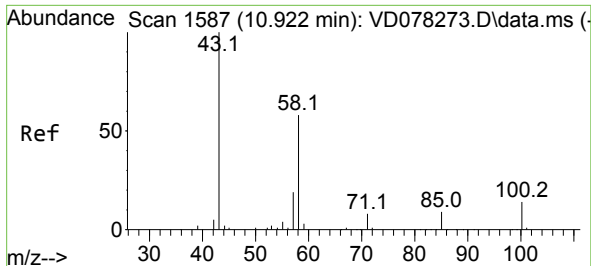
Tgt Ion: 63 Resp: 63407

Ion Ratio Lower Upper

63 100

106 27.6 25.3 37.9

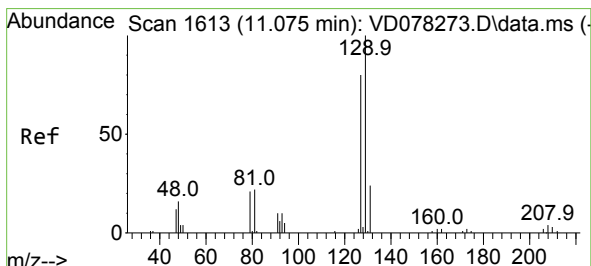
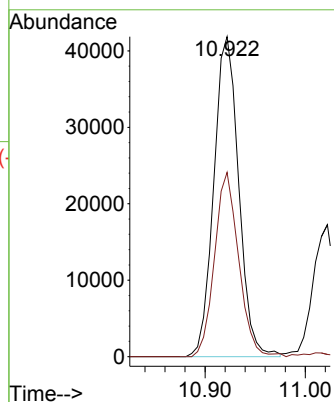
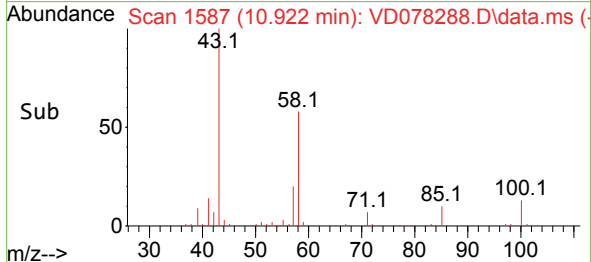
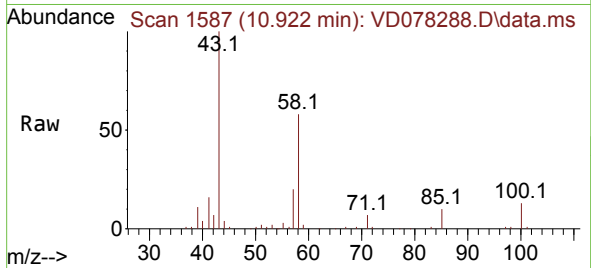




#59
2-Hexanone
Concen: 108.908 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

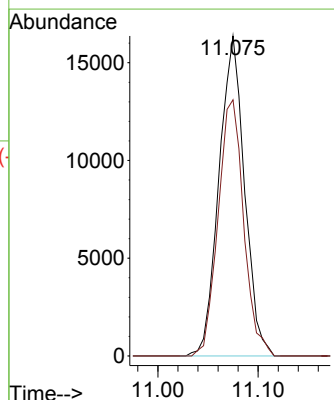
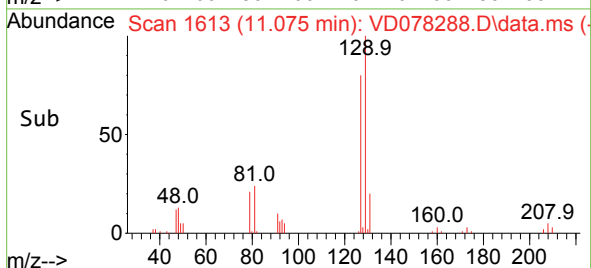
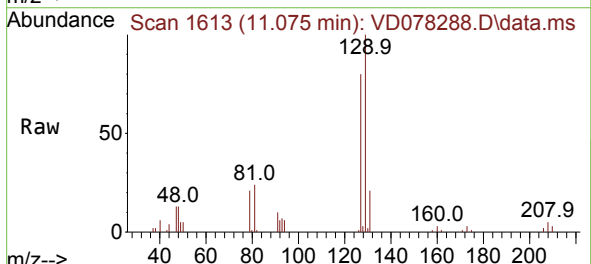
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

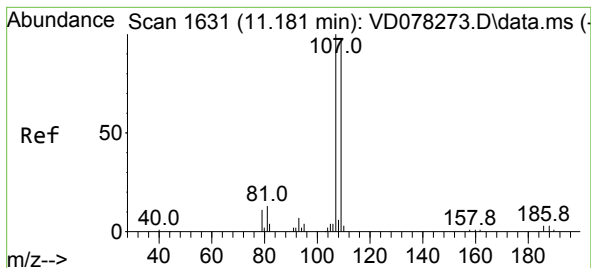
Tgt Ion: 43 Resp: 72104
Ion Ratio Lower Upper
43 100
58 55.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.499 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 129 Resp: 28944
Ion Ratio Lower Upper
129 100
127 80.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 21.312 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

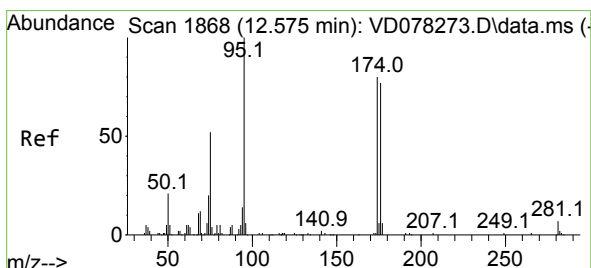
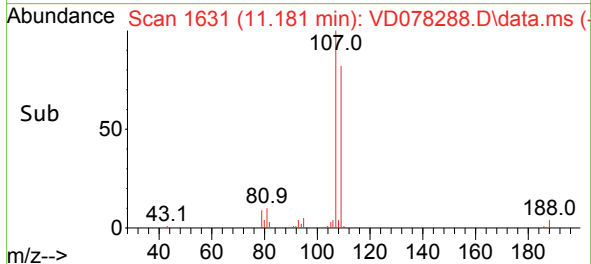
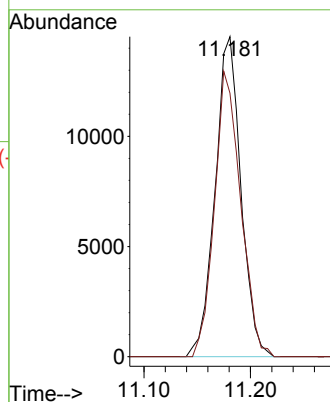
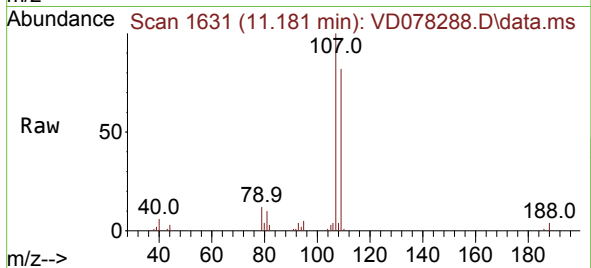
VD0131SBS01

Tgt Ion:107 Resp: 24474

Ion Ratio Lower Upper

107 100

109 90.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.839 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

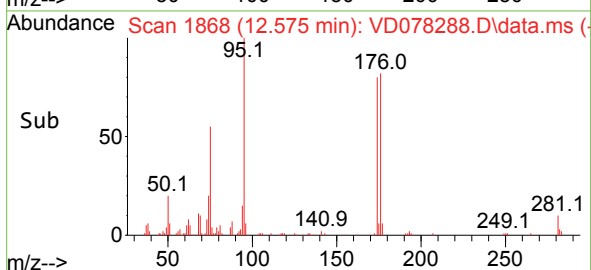
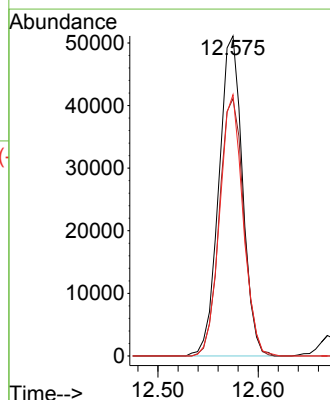
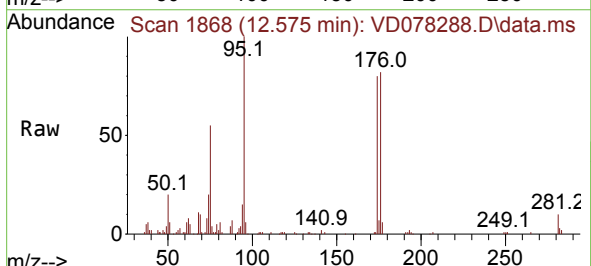
Tgt Ion: 95 Resp: 83465

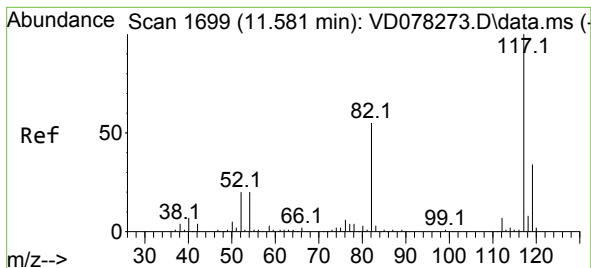
Ion Ratio Lower Upper

95 100

174 82.6 0.0 201.8

176 80.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

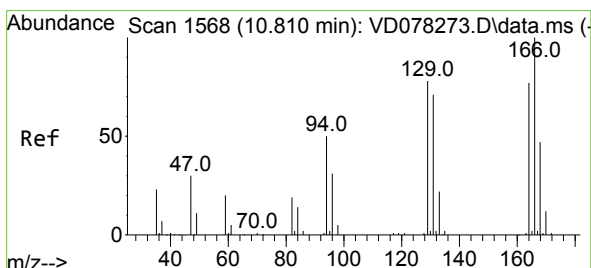
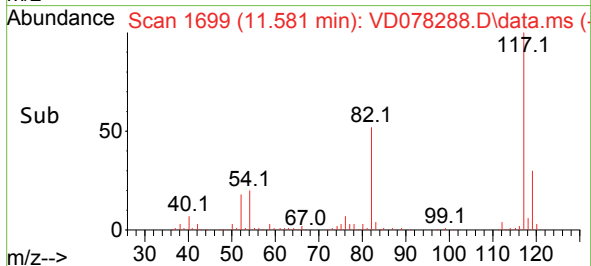
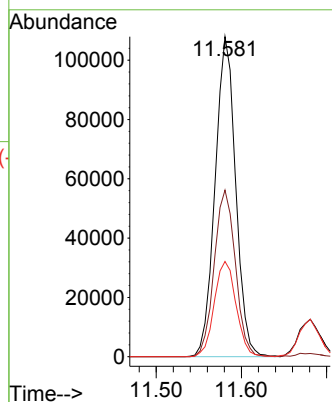
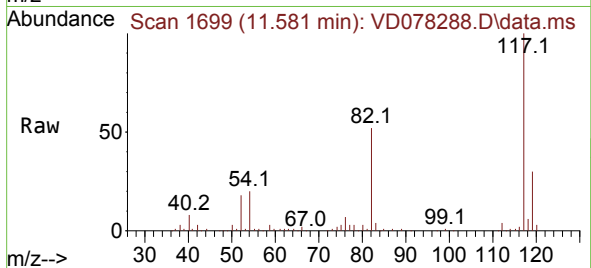
Tgt Ion:117 Resp: 180860

Ion Ratio Lower Upper

117 100

82 52.0 38.3 57.5

119 29.7 25.0 37.4



#64

Tetrachloroethene

Concen: 21.212 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Tgt Ion:164 Resp: 26758

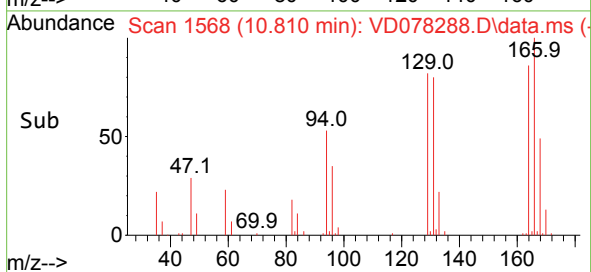
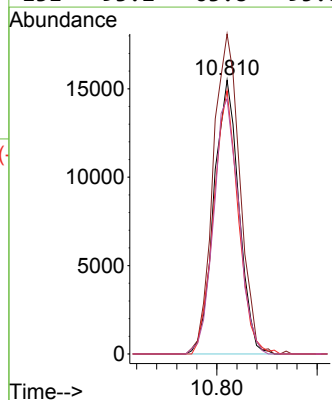
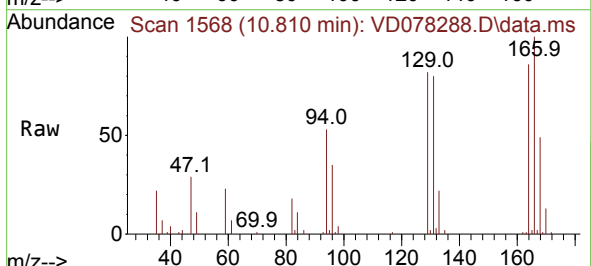
Ion Ratio Lower Upper

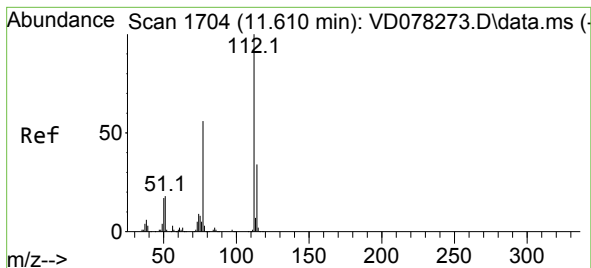
164 100

166 116.9 99.2 148.8

129 96.2 68.4 102.6

131 93.2 63.8 95.8





#65

Chlorobenzene

Concen: 20.106 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

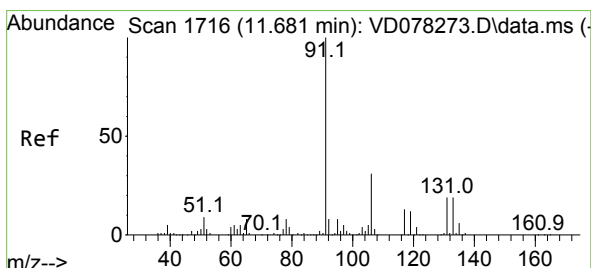
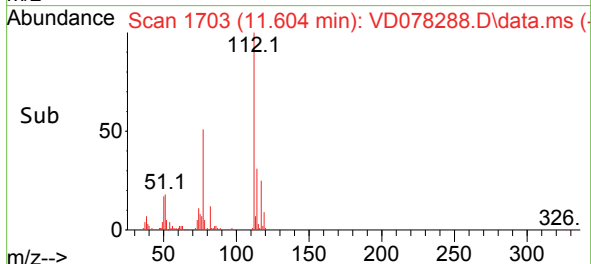
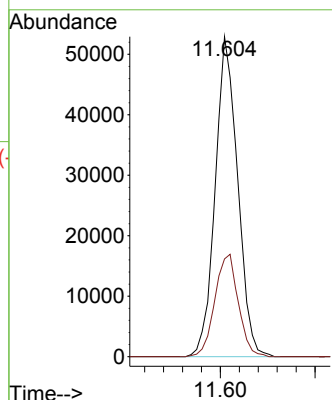
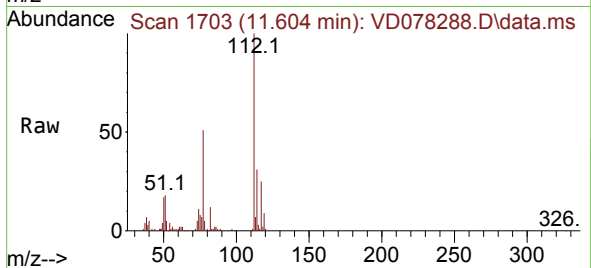
VD0131SBS01

Tgt Ion:112 Resp: 86995

Ion Ratio Lower Upper

112 100

114 30.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.343 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

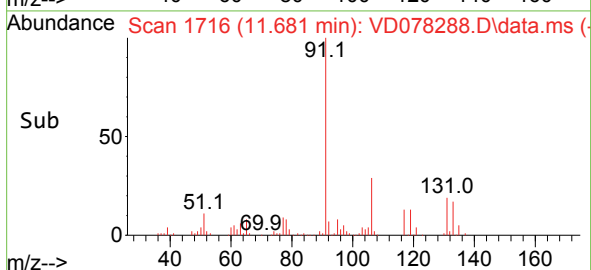
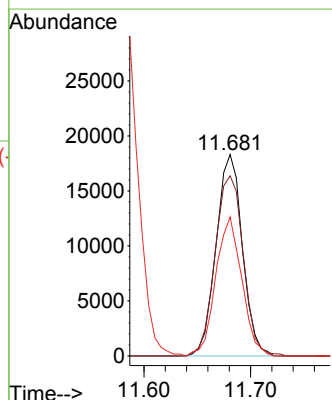
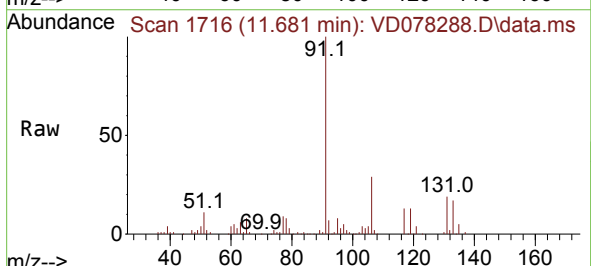
Tgt Ion:131 Resp: 31339

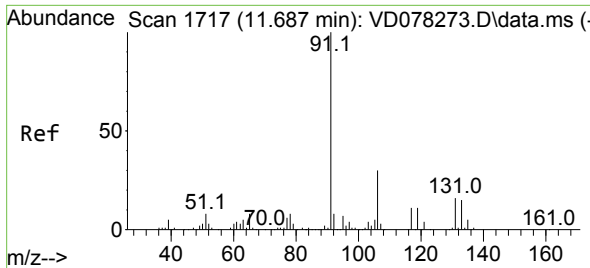
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 68.5 35.6 106.9

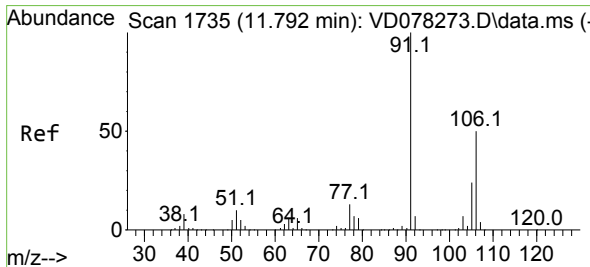
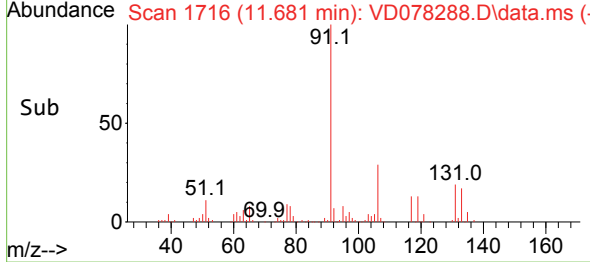
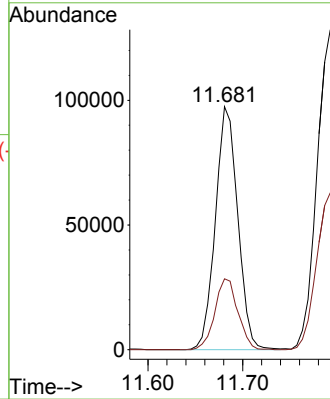
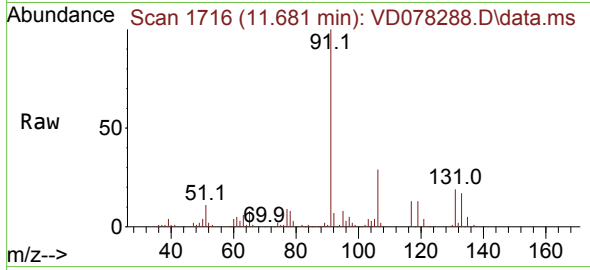




#67
Ethyl Benzene
Concen: 20.417 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

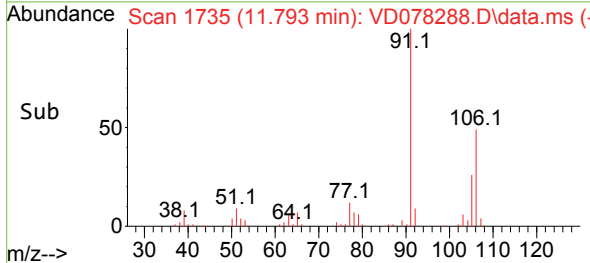
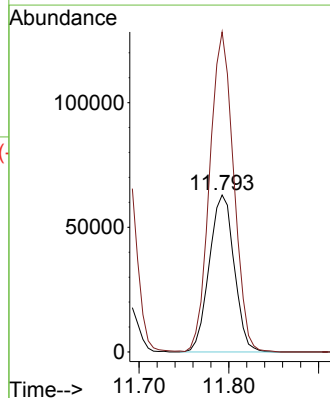
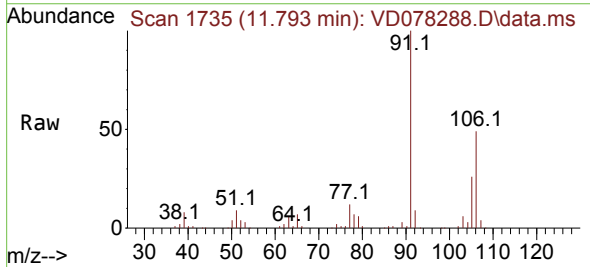
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

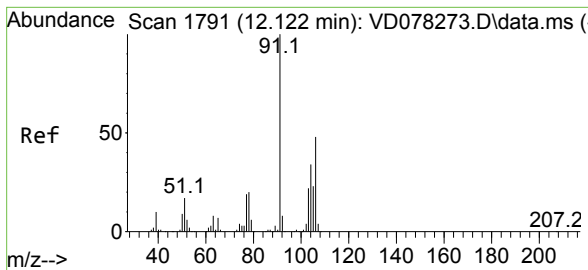
Tgt Ion: 91 Resp: 160021
Ion Ratio Lower Upper
91 100
106 29.2 26.5 39.7



#68
m/p-Xylenes
Concen: 40.236 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:106 Resp: 121329
Ion Ratio Lower Upper
106 100
91 196.5 147.0 220.6

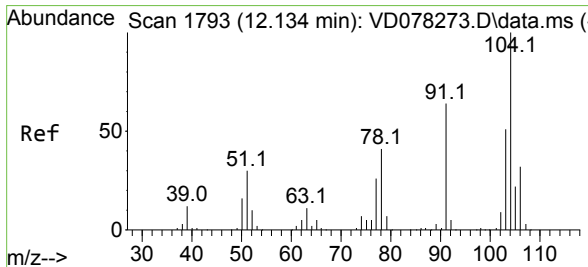
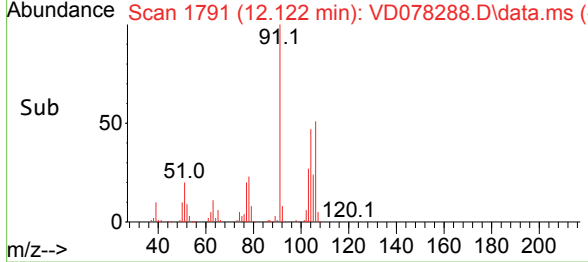
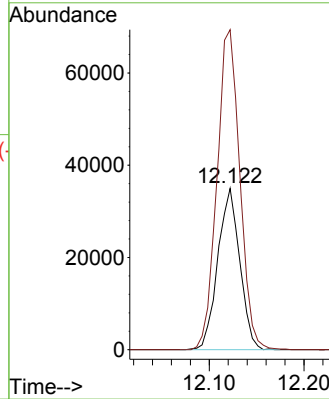
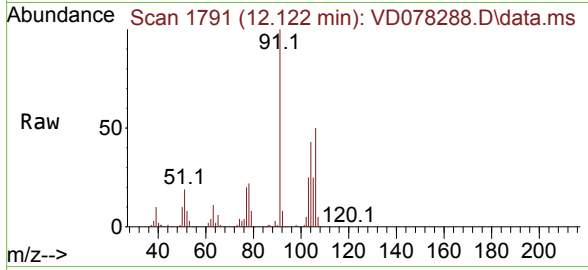




#69
o-Xylene
Concen: 20.332 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

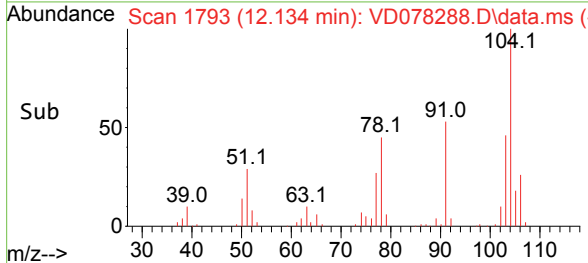
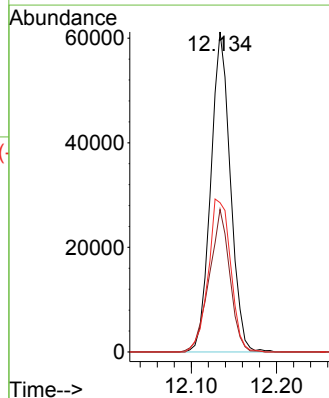
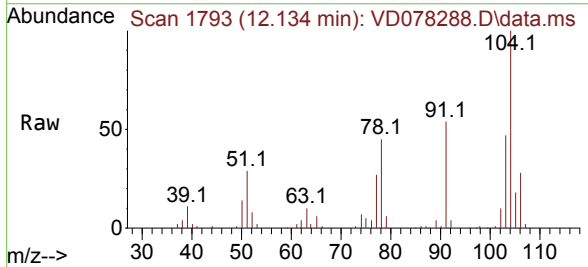
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

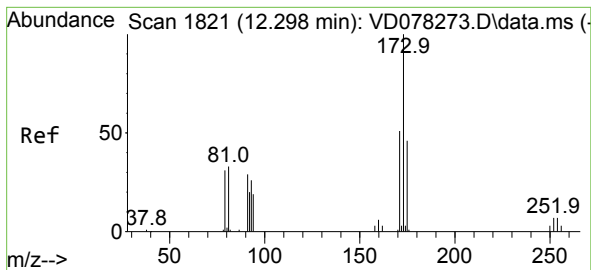
Tgt Ion:106 Resp: 56342
Ion Ratio Lower Upper
106 100
91 206.8 97.9 293.6



#70
Styrene
Concen: 20.704 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:104 Resp: 97981
Ion Ratio Lower Upper
104 100
78 46.7 33.2 49.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 21.862 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

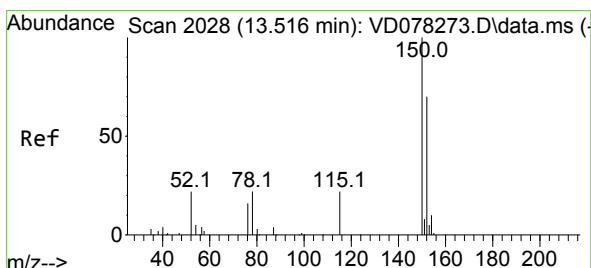
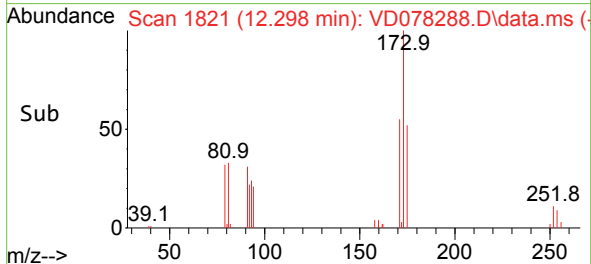
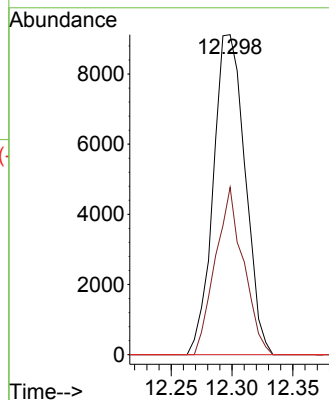
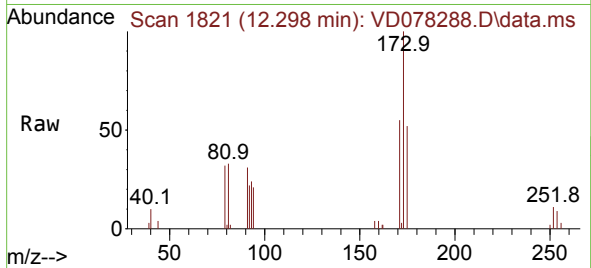
Tgt Ion:173 Resp: 16588

Ion Ratio Lower Upper

173 100

175 46.3 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

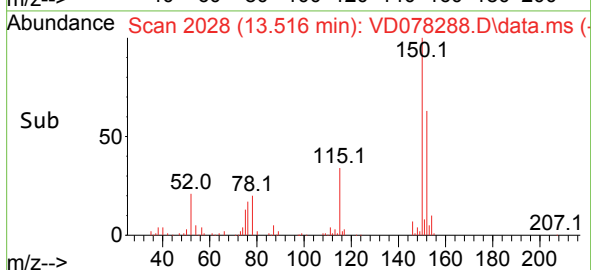
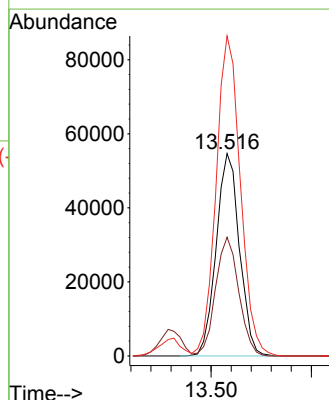
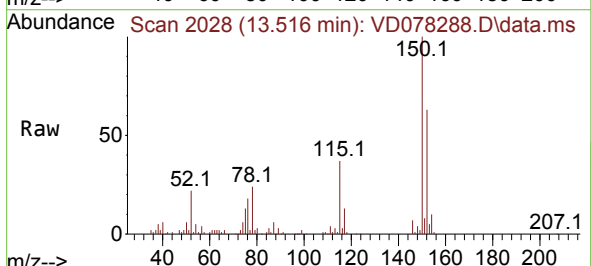
Tgt Ion:152 Resp: 87788

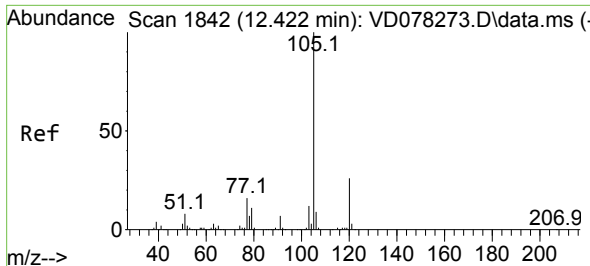
Ion Ratio Lower Upper

152 100

115 58.8 27.1 81.3

150 165.2 0.0 353.6

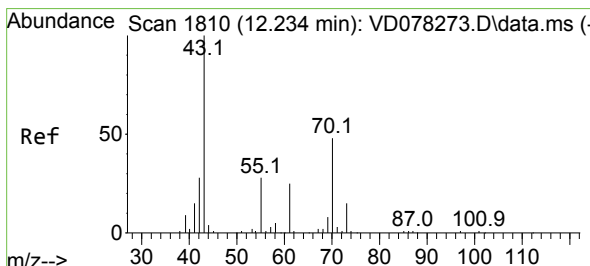
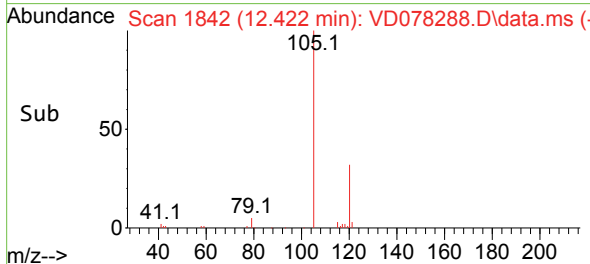
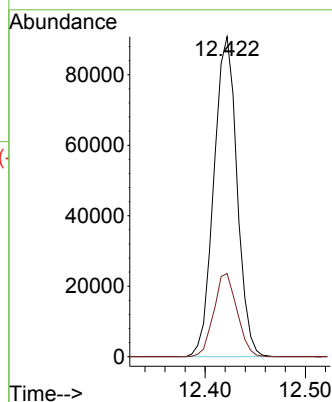
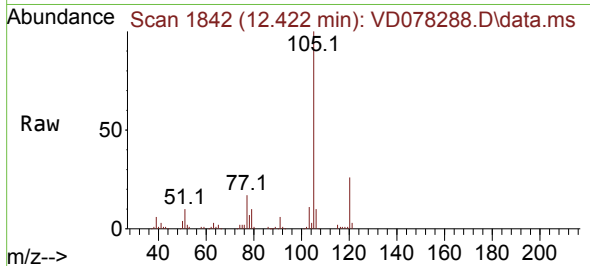




#73
Isopropylbenzene
Concen: 19.604 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

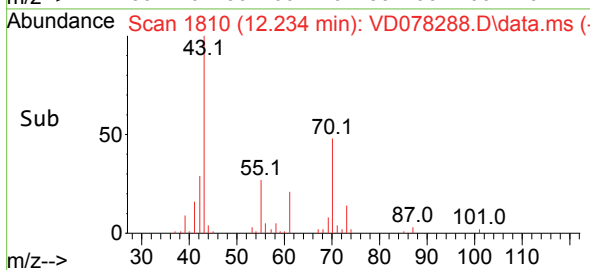
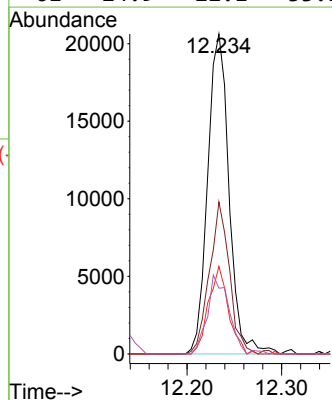
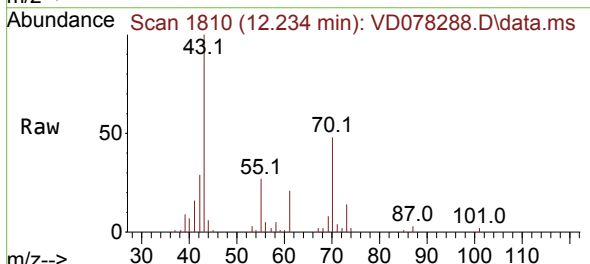
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

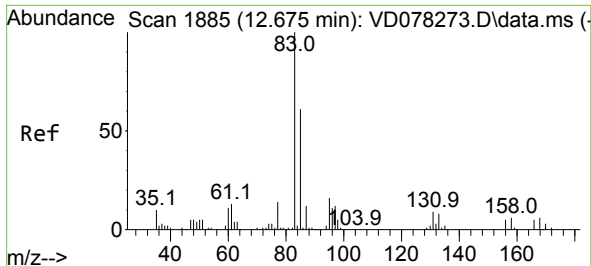
Tgt Ion:105 Resp: 145614
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 21.123 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 43 Resp: 32449
Ion Ratio Lower Upper
43 100
70 44.4 45.0 67.4#
55 25.4 23.8 35.6
61 24.9 22.1 33.1

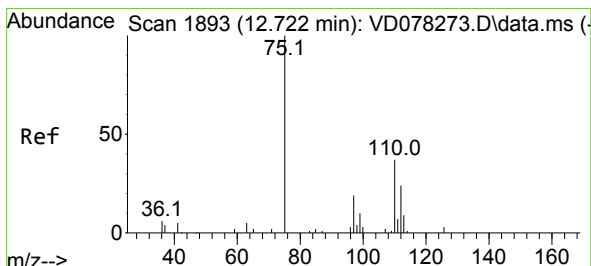
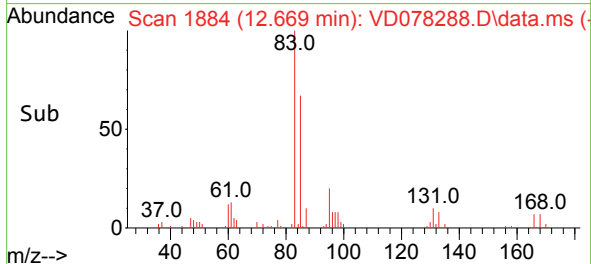
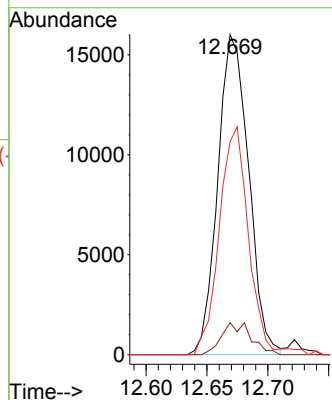
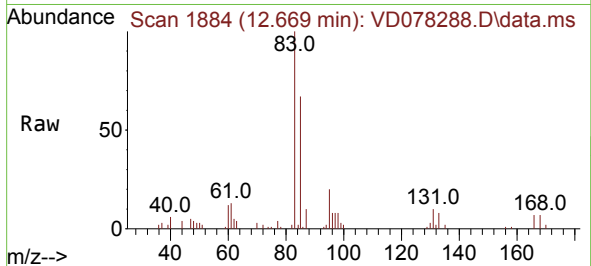




#75
1,1,2,2-Tetrachloroethane
Concen: 19.684 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

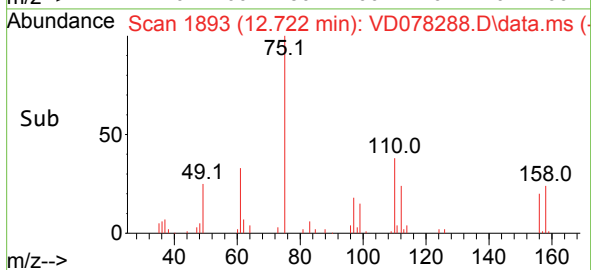
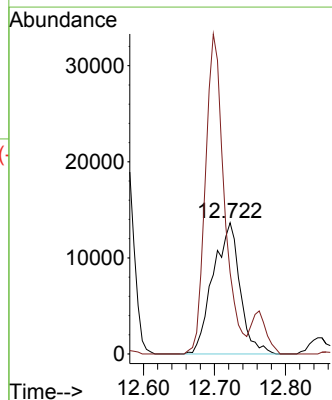
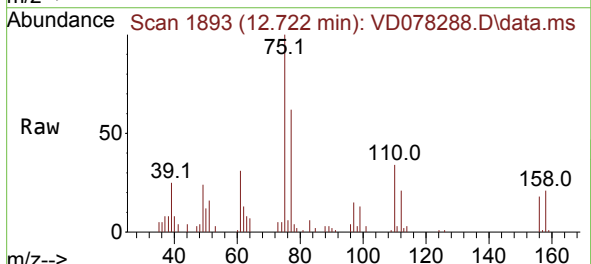
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

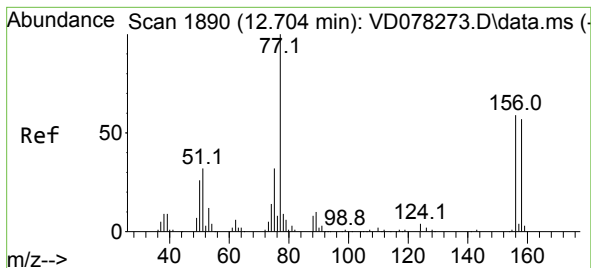
Tgt Ion: 83 Resp: 28234
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 67.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.164 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 75 Resp: 35935
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.731 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

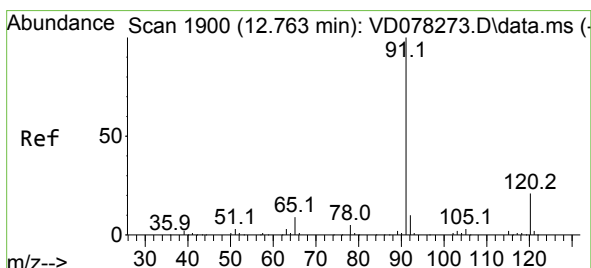
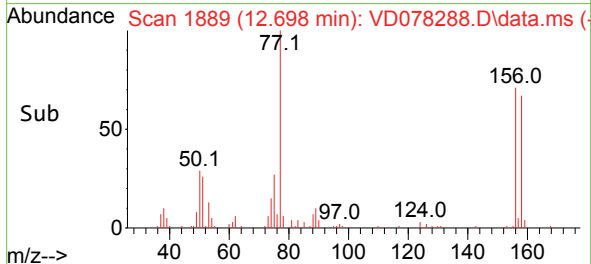
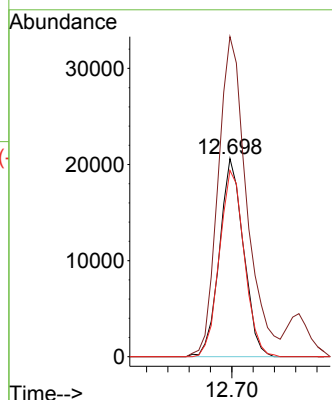
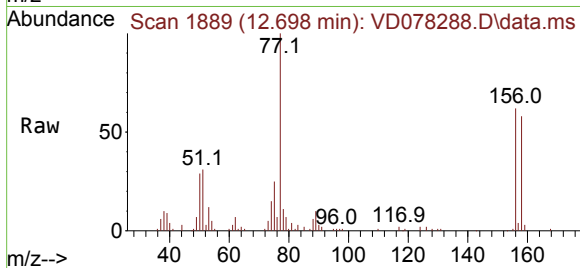
Tgt Ion:156 Resp: 32250

Ion Ratio Lower Upper

156 100

77 192.5 76.8 230.4

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.667 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078288.D

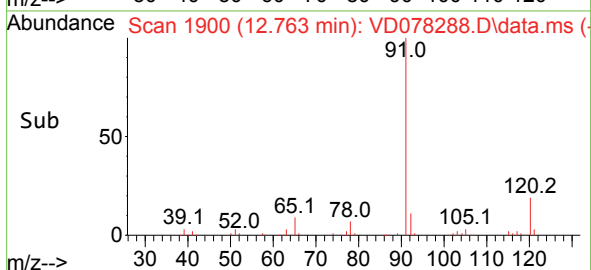
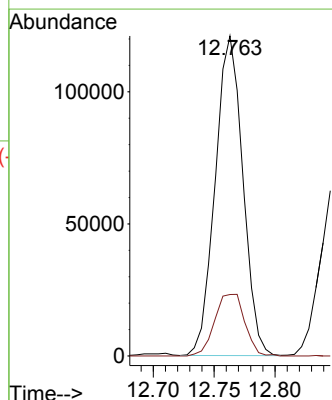
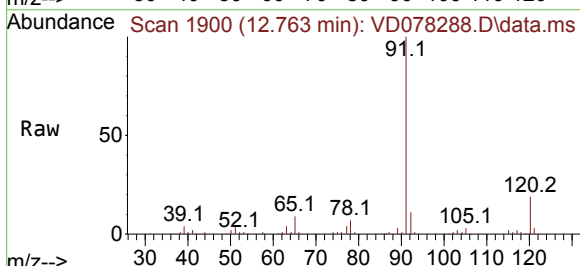
Acq: 31 Jan 2024 12:41

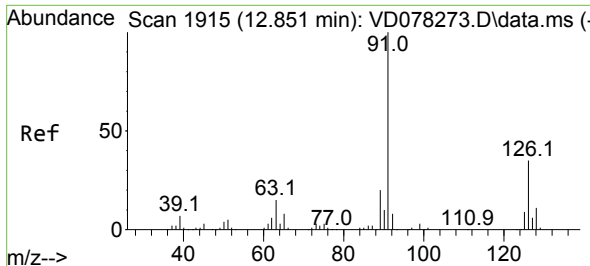
Tgt Ion: 91 Resp: 191222

Ion Ratio Lower Upper

91 100

120 21.0 12.4 37.2

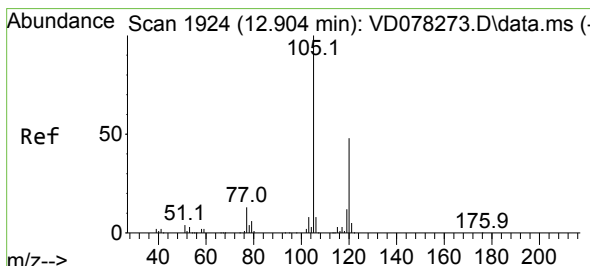
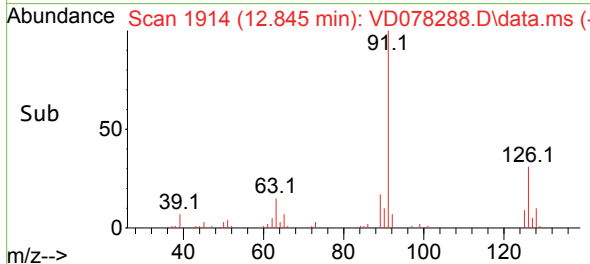
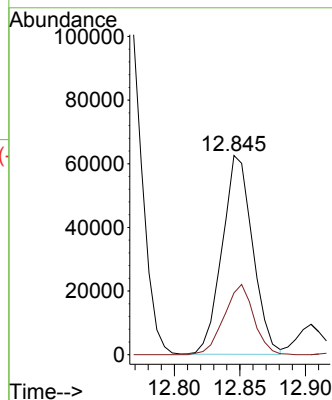
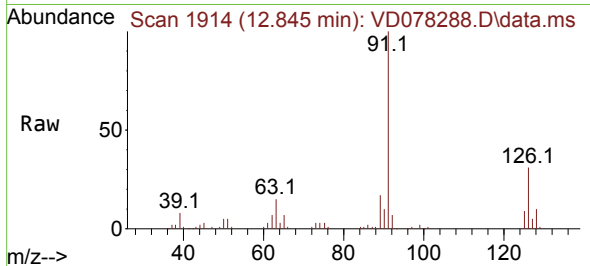




#79
2-Chlorotoluene
Concen: 20.447 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

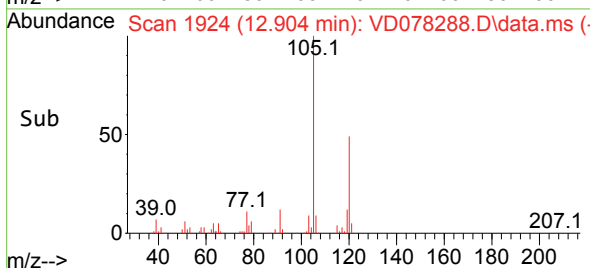
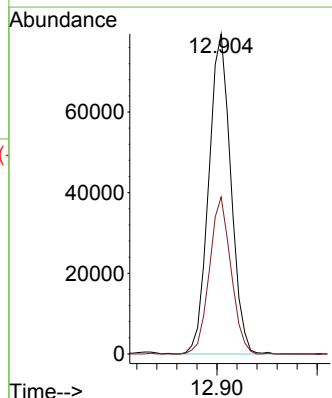
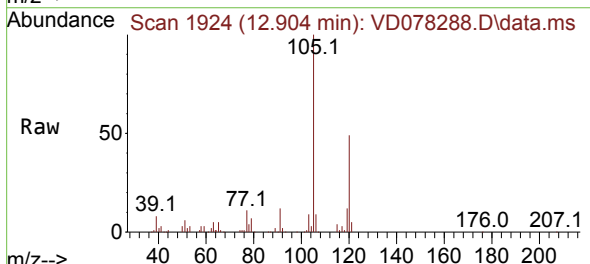
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

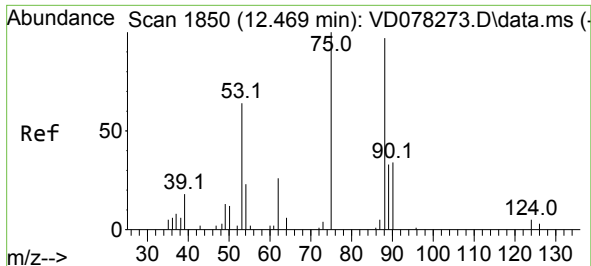
Tgt Ion: 91 Resp: 101275
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.089 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 105 Resp: 121388
Ion Ratio Lower Upper
105 100
120 47.7 26.4 79.2

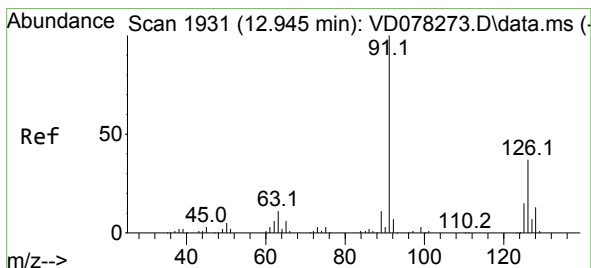
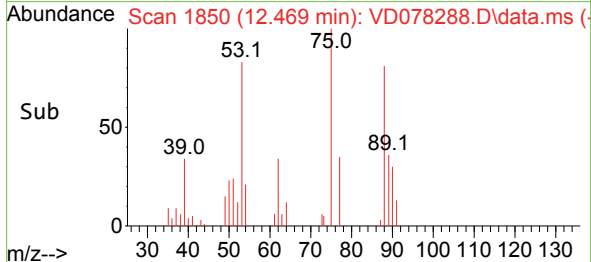
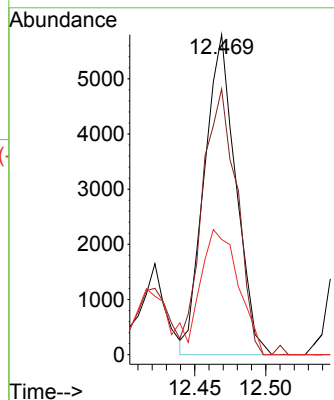
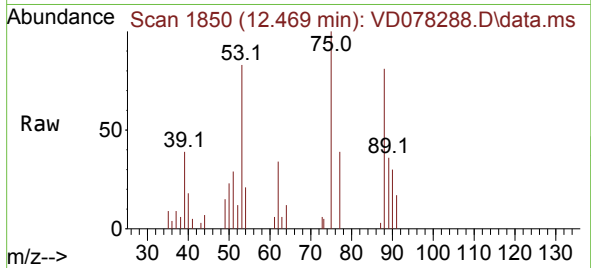




#81
trans-1,4-Dichloro-2-butene
Concen: 19.378 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

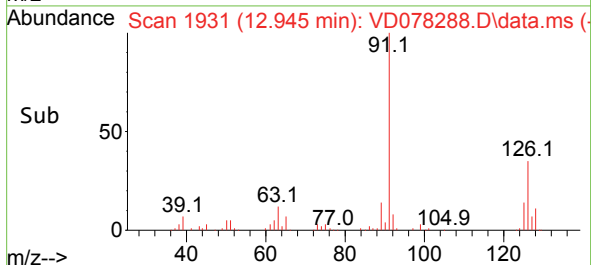
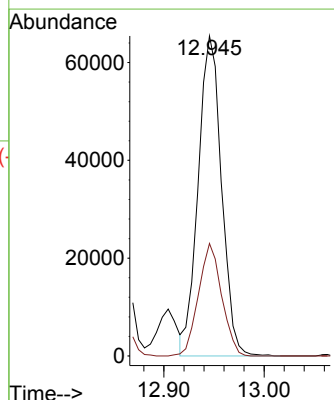
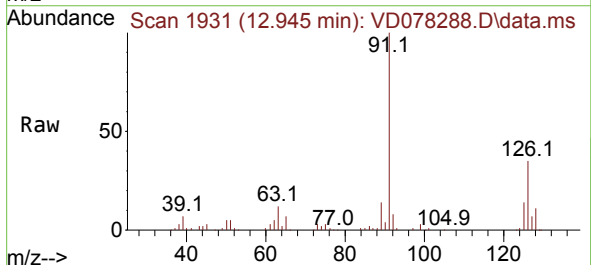
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

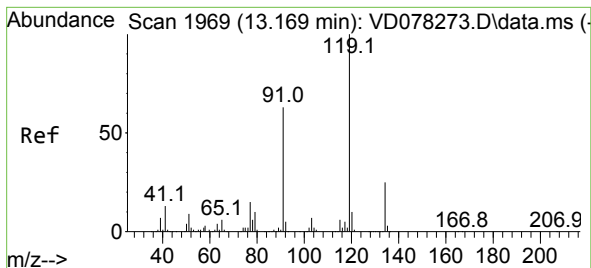
Tgt Ion: 75 Resp: 8940
Ion Ratio Lower Upper
75 100
53 90.6 63.0 94.4
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 91 Resp: 105936
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.919 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

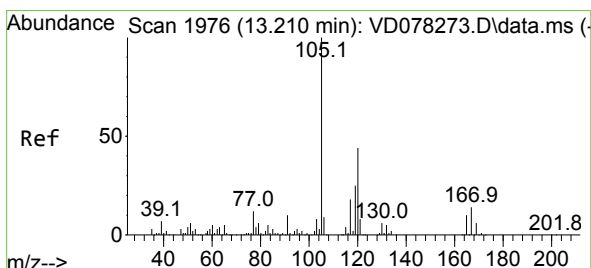
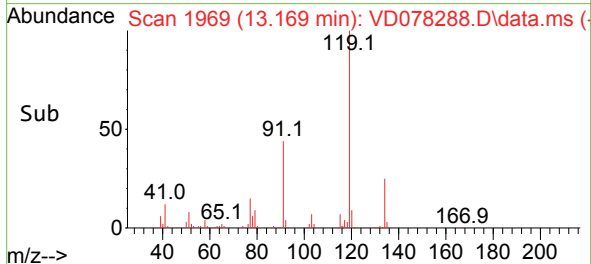
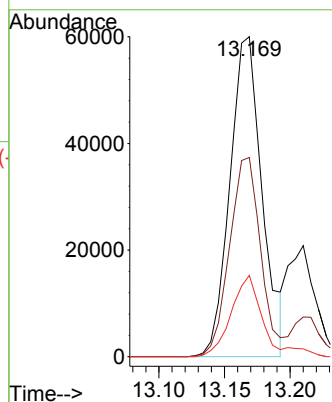
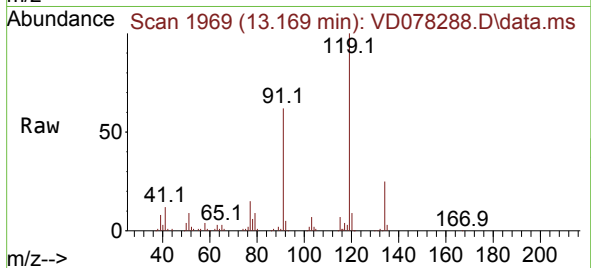
Tgt Ion:119 Resp: 102703

Ion Ratio Lower Upper

119 100

91 60.1 29.3 87.8

134 25.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.236 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078288.D

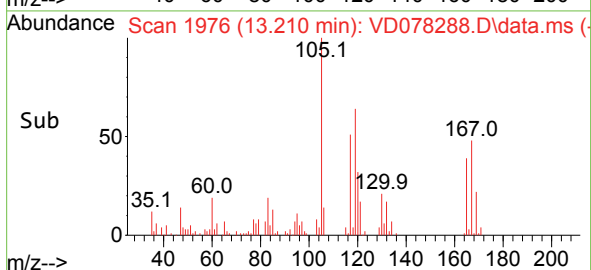
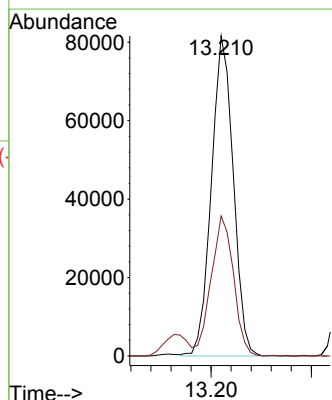
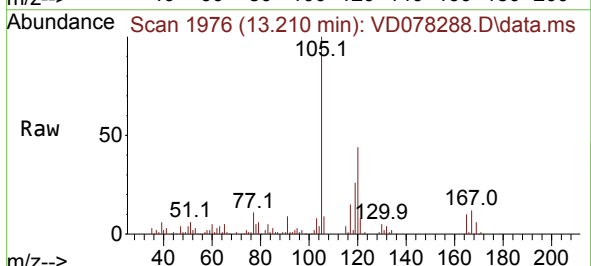
Acq: 31 Jan 2024 12:41

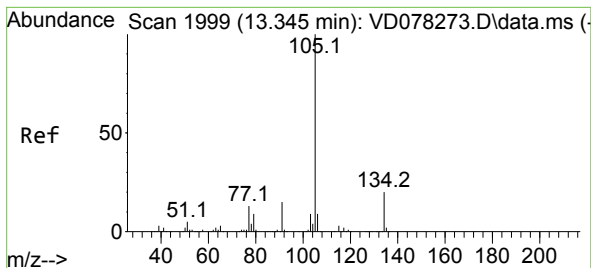
Tgt Ion:105 Resp: 123710

Ion Ratio Lower Upper

105 100

120 44.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.805 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

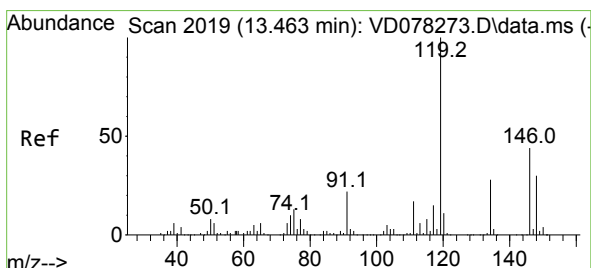
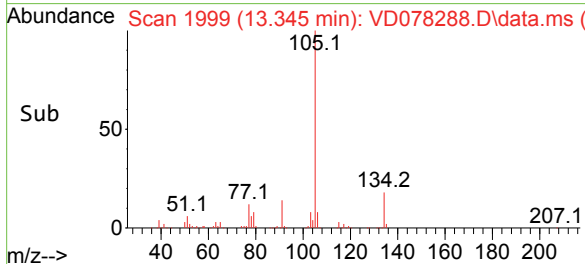
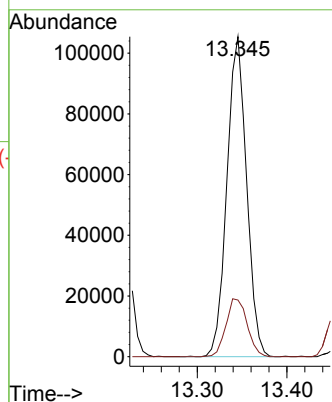
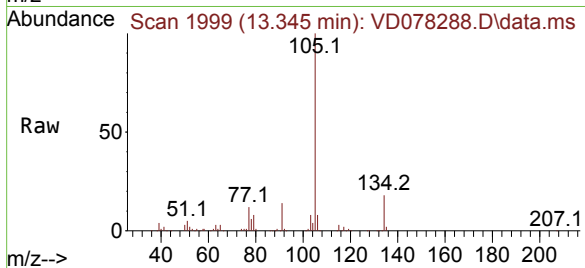
VD0131SBS01

Tgt Ion:105 Resp: 160263

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.390 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

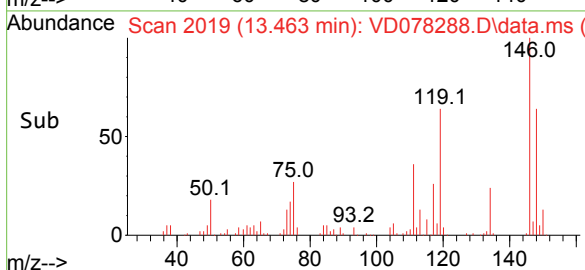
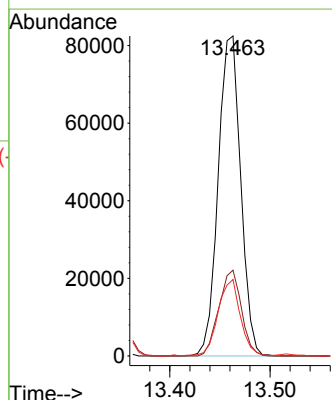
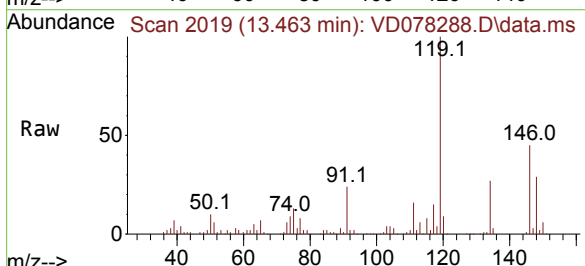
Tgt Ion:119 Resp: 128510

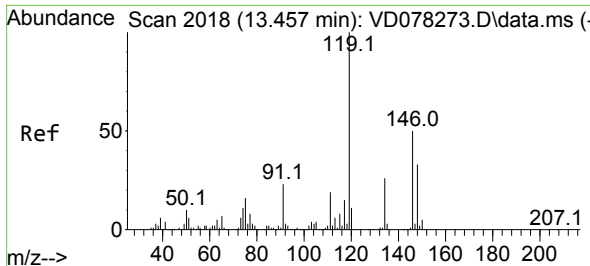
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 23.8 10.5 31.5

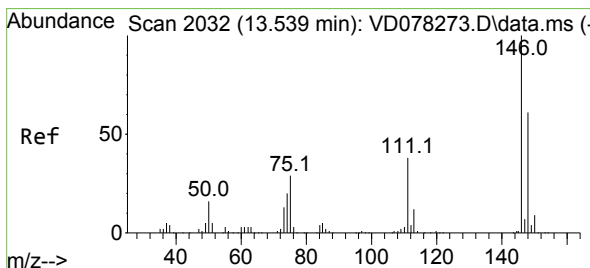
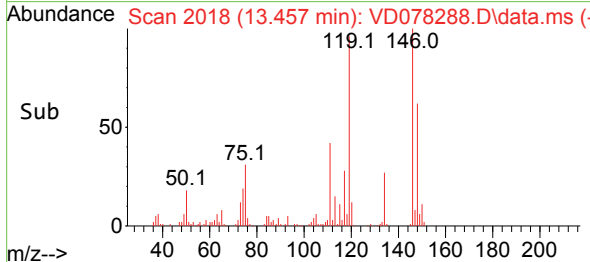
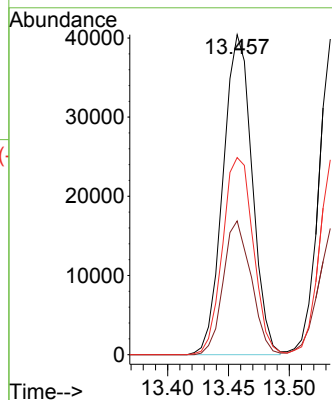
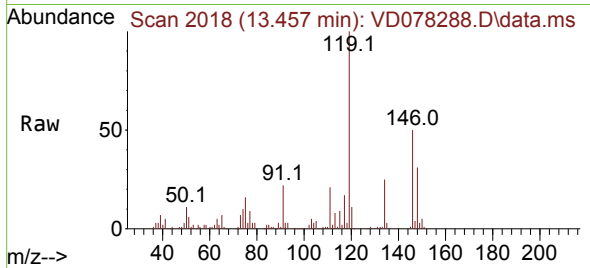




#87
1,3-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

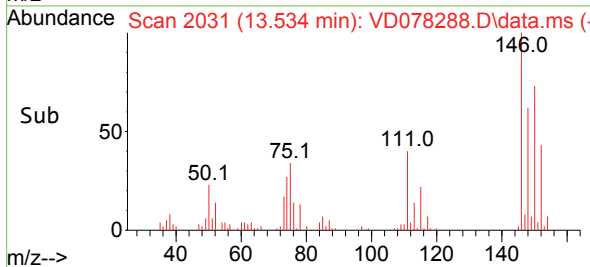
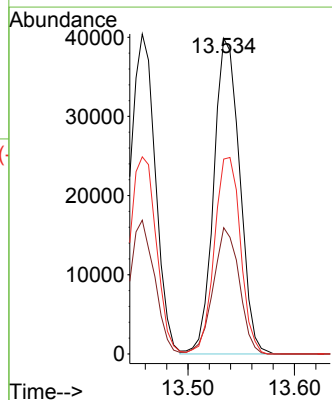
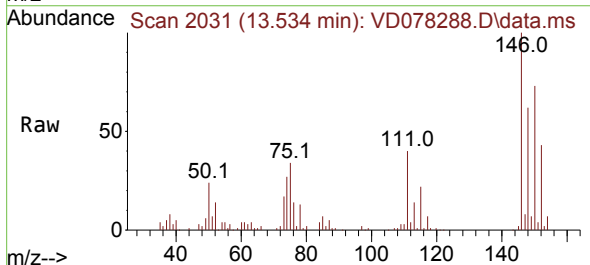
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

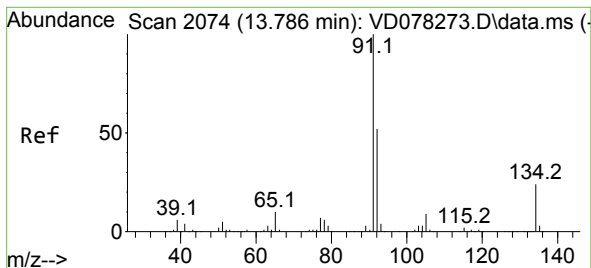
Tgt Ion:146 Resp: 67219
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 64.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.068 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:146 Resp: 67423
Ion Ratio Lower Upper
146 100
111 40.1 17.4 52.3
148 62.6 31.7 95.1

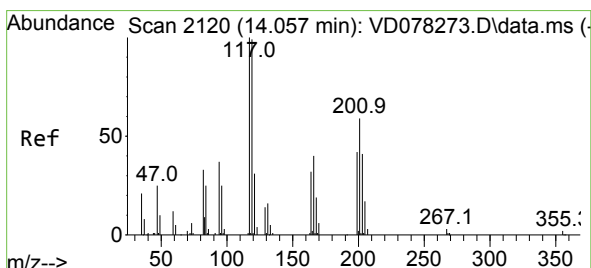
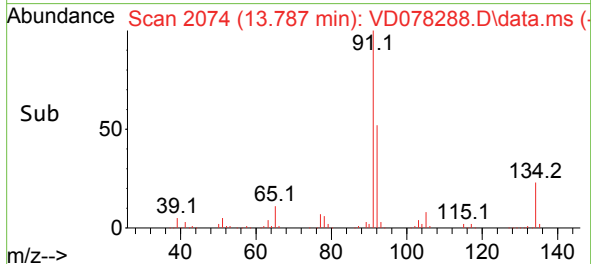
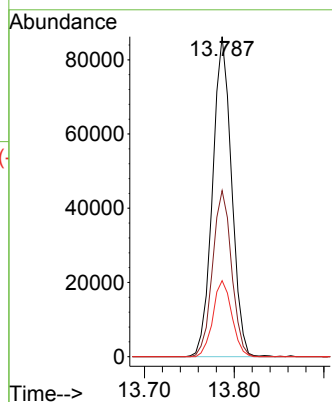
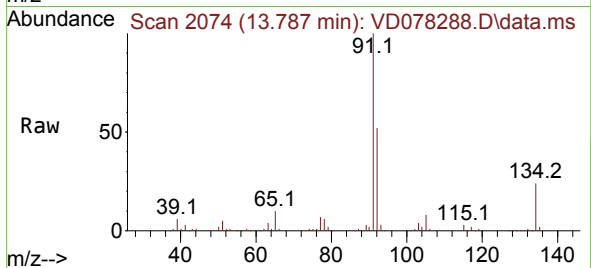




#89
n-Butylbenzene
Concen: 19.630 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

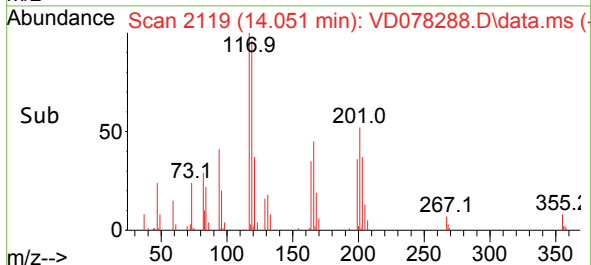
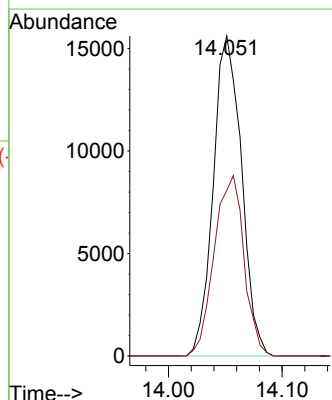
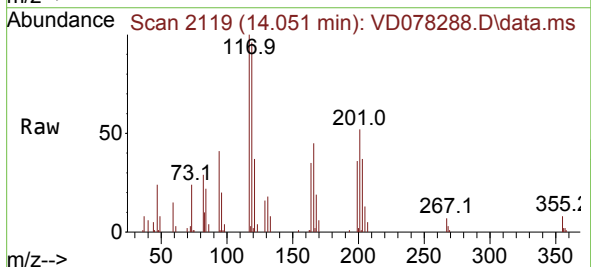
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

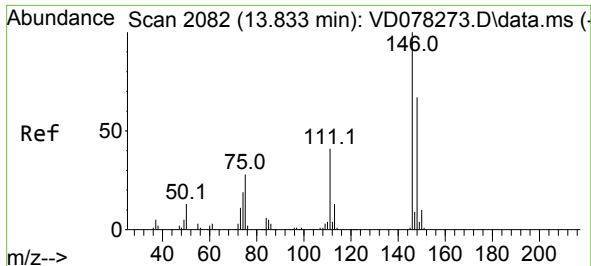
Tgt Ion: 91 Resp: 126780
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 23.6 13.8 41.3



#90
Hexachloroethane
Concen: 20.390 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion: 117 Resp: 26993
Ion Ratio Lower Upper
117 100
201 59.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.587 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

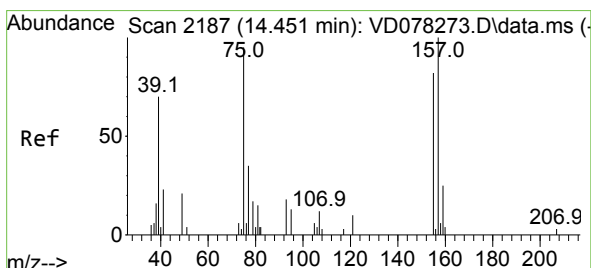
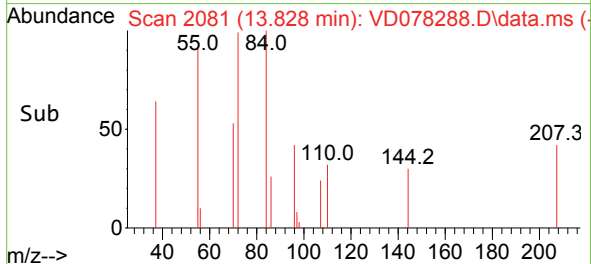
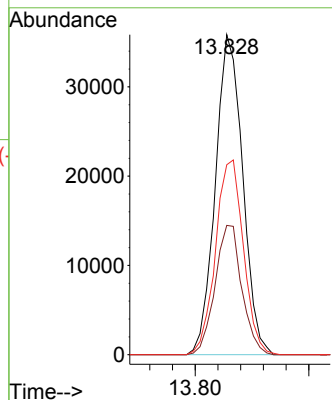
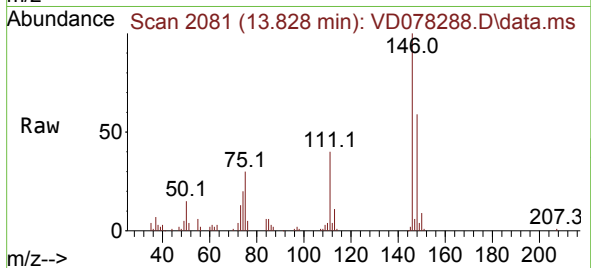
Tgt Ion:146 Resp: 59806

Ion Ratio Lower Upper

146 100

111 39.7 18.3 54.8

148 62.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.913 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

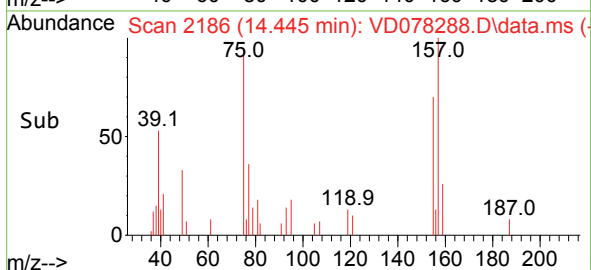
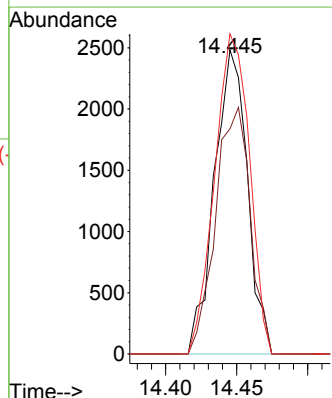
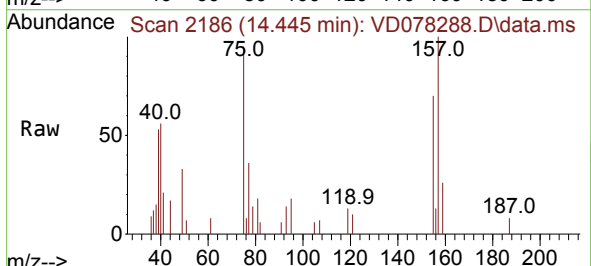
Tgt Ion: 75 Resp: 4004

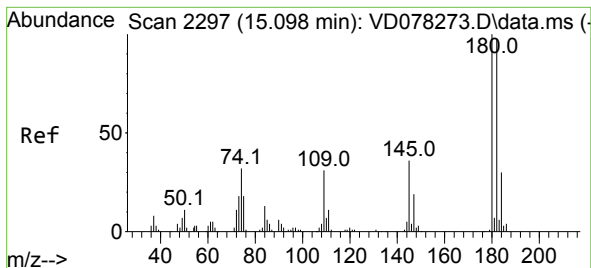
Ion Ratio Lower Upper

75 100

155 85.5 47.9 143.8

157 111.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.573 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

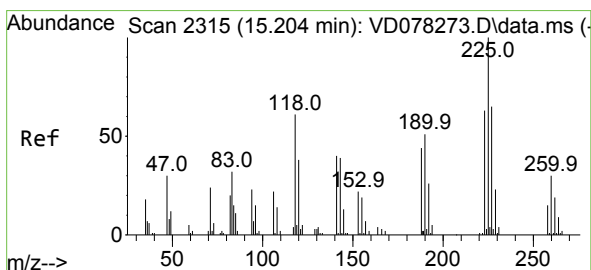
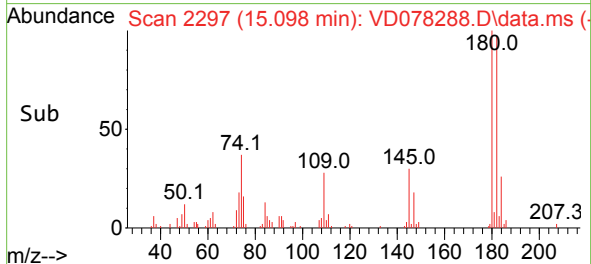
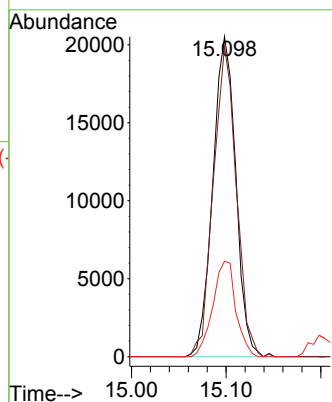
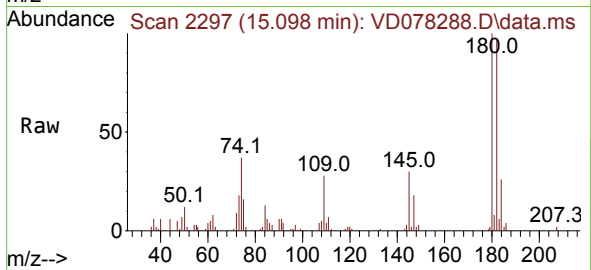
Tgt Ion:180 Resp: 34569

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.578 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078288.D

Acq: 31 Jan 2024 12:41

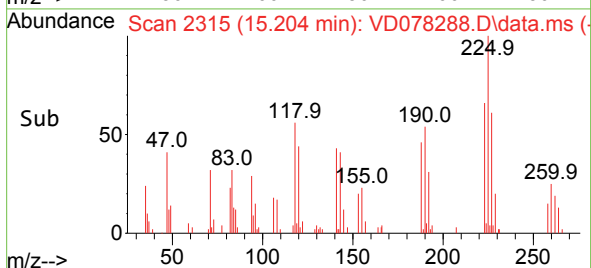
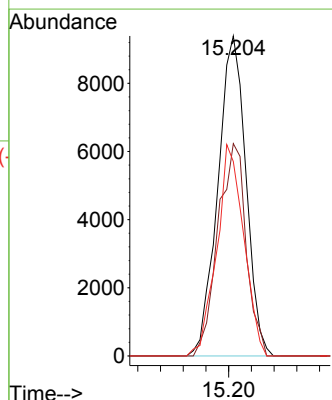
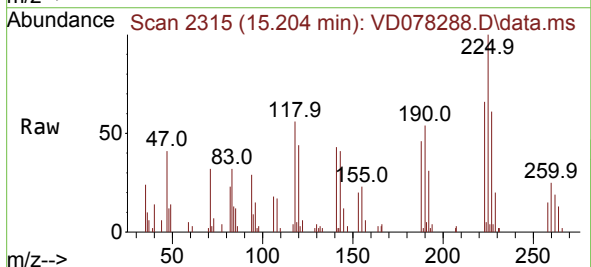
Tgt Ion:225 Resp: 16120

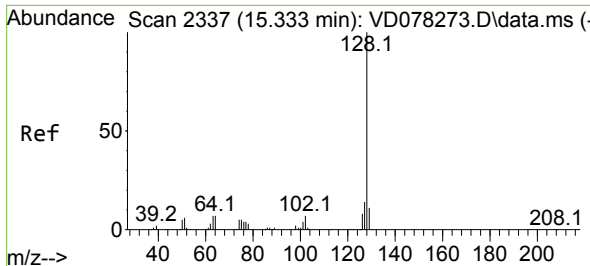
Ion Ratio Lower Upper

225 100

223 66.5 31.6 94.8

227 63.6 31.7 95.1

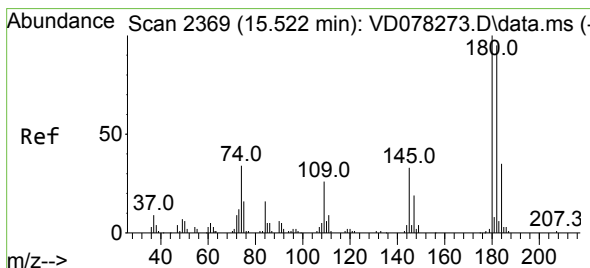
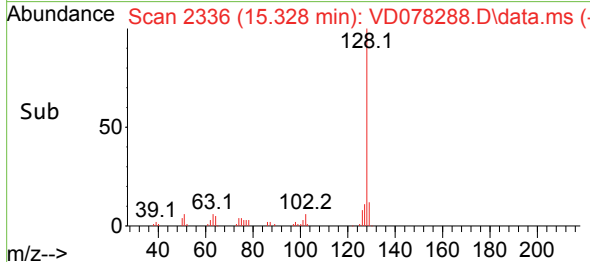
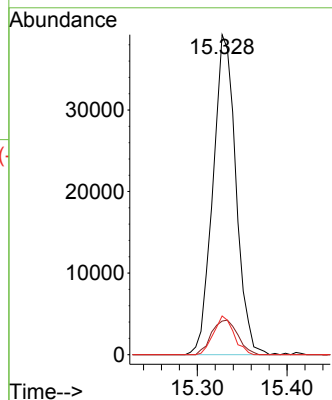
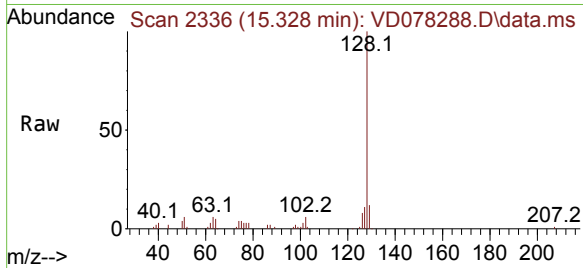




#95
Naphthalene
Concen: 20.821 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

Tgt Ion:	128	Resp:	69757
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.5	15.7
129	12.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.530 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078288.D
Acq: 31 Jan 2024 12:41

Tgt Ion:	180	Resp:	30374
Ion Ratio	Lower	Upper	
180	100		
182	89.1	47.3	141.9
145	30.1	15.1	45.3

