

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078277.D
 Acq On : 30 Jan 2024 13:36
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD013024

Quant Time: Jan 31 00:56:42 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	125813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	222368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75995	48.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.810	113	76739	48.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.269	98	294010	49.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.575	95	89953	50.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67939	51.552	ug/l	97
3) Chloromethane	2.152	50	126053	48.164	ug/l	99
4) Vinyl Chloride	2.281	62	165724	48.004	ug/l	97
5) Bromomethane	2.693	94	92579	44.295	ug/l	98
6) Chloroethane	2.834	64	113300	47.514	ug/l	96
7) Trichlorofluoromethane	3.175	101	138623	47.427	ug/l	100
8) Diethyl Ether	3.599	74	43022	49.757	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	86617	48.287	ug/l	94
10) Methyl Iodide	4.169	142	78438	48.071	ug/l	93
11) Tert butyl alcohol	5.058	59	24356	245.164	ug/l	99
12) 1,1-Dichloroethene	3.946	96	85912	49.637	ug/l	88
13) Acrolein	3.799	56	27922	237.599	ug/l	99
14) Allyl chloride	4.569	41	113676	49.814	ug/l	90
15) Acrylonitrile	5.258	53	94145	246.335	ug/l	100
16) Acetone	4.028	43	96418	264.974	ug/l #	81
17) Carbon Disulfide	4.275	76	281590	48.191	ug/l	97
18) Methyl Acetate	4.564	43	45872	55.258	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	181990	50.558	ug/l	96
20) Methylene Chloride	4.799	84	99543	52.923	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	97501	49.822	ug/l	95
22) Diisopropyl ether	6.216	45	246880	50.843	ug/l	91
23) Vinyl Acetate	6.158	43	748917	252.802	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	164870	49.046	ug/l	97
25) 2-Butanone	7.081	43	126718	244.167	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	136200	49.601	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	107897	49.746	ug/l	92
28) Bromochloromethane	7.428	49	58837	49.074	ug/l #	74
29) Tetrahydrofuran	7.446	42	70608	254.317	ug/l #	85
30) Chloroform	7.599	83	171282	49.835	ug/l	93
31) Cyclohexane	7.881	56	140185	48.060	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	144109	48.652	ug/l	97
36) 1,1-Dichloropropene	8.010	75	134204	51.122	ug/l	96
37) Ethyl Acetate	7.169	43	47053	46.570	ug/l	98
38) Carbon Tetrachloride	7.993	117	131411	50.910	ug/l	92
39) Methylcyclohexane	9.275	83	162069	52.216	ug/l	96
40) Benzene	8.252	78	385411	50.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	33752	62.136	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	97288	48.971	ug/l	95
43) Isopropyl Acetate	8.363	43	93670	51.706	ug/l #	79
44) Trichloroethene	9.028	130	94928	50.470	ug/l	86
45) 1,2-Dichloropropane	9.305	63	94280	50.341	ug/l	97
46) Dibromomethane	9.393	93	50441	48.543	ug/l	89
47) Bromodichloromethane	9.587	83	127088	49.711	ug/l	99
48) Methyl methacrylate	9.387	41	45698	52.789	ug/l #	79
49) 1,4-Dioxane	9.387	88	11767	1009.503	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	254250	259.437	ug/l	90
52) Toluene	10.334	92	243825	52.480	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	125613	52.603	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	148400	52.493	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	68295	50.366	ug/l	93
56) Ethyl methacrylate	10.599	69	82502	53.641	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	118716	50.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	193614	276.816	ug/l	93
59) 2-Hexanone	10.922	43	191954	260.074	ug/l	87
60) Dibromochloromethane	11.075	129	82788	52.595	ug/l	98
61) 1,2-Dibromoethane	11.181	107	65238	50.958	ug/l	99
64) Tetrachloroethene	10.810	164	73489	50.656	ug/l	95
65) Chlorobenzene	11.610	112	244928	49.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	86811	48.997	ug/l	97
67) Ethyl Benzene	11.681	91	457631	50.768	ug/l	94
68) m/p-Xylenes	11.793	106	353287	101.872	ug/l	88
69) o-Xylene	12.122	106	163778	51.388	ug/l	88
70) Styrene	12.134	104	284882	52.342	ug/l	96
71) Bromoform	12.298	173	44285	50.749	ug/l #	98
73) Isopropylbenzene	12.422	105	429615	51.188	ug/l	96
74) N-amyl acetate	12.234	43	89287	51.438	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	78593	48.491	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	95082	91.708	ug/l #	100
77) Bromobenzene	12.698	156	92069	49.850	ug/l	83
78) n-propylbenzene	12.763	91	540009	51.651	ug/l	96
79) 2-Chlorotoluene	12.851	91	288000	51.459	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	361765	52.985	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	26947	51.691	ug/l	94
82) 4-Chlorotoluene	12.945	91	297961	49.939	ug/l	94
83) tert-Butylbenzene	13.169	119	299315	51.376	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	358551	51.905	ug/l	94
85) sec-Butylbenzene	13.345	105	474465	51.891	ug/l	95
86) p-Isopropyltoluene	13.463	119	390174	52.099	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	194889	50.792	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	193357	50.933	ug/l	96
89) n-Butylbenzene	13.787	91	386051	52.900	ug/l	97
90) Hexachloroethane	14.057	117	73855	49.373	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	167678	51.082	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11026	48.530	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	99642	52.479	ug/l	97
94) Hexachlorobutadiene	15.198	225	45648	49.064	ug/l	96
95) Naphthalene	15.334	128	201815	53.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	85652	51.234	ug/l	97

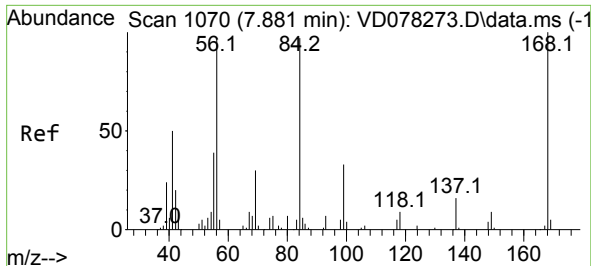
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QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

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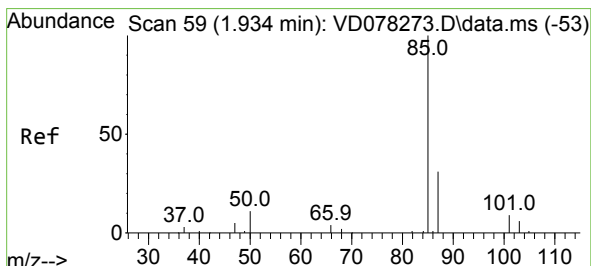
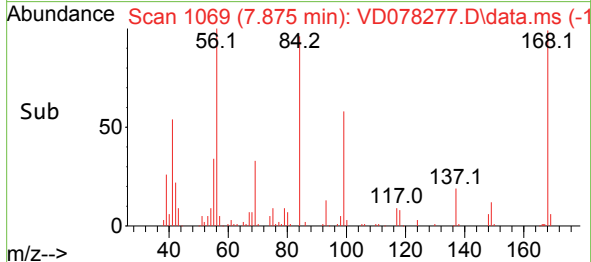
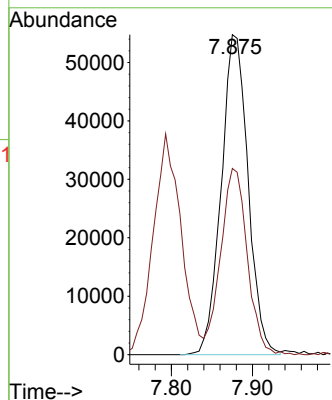
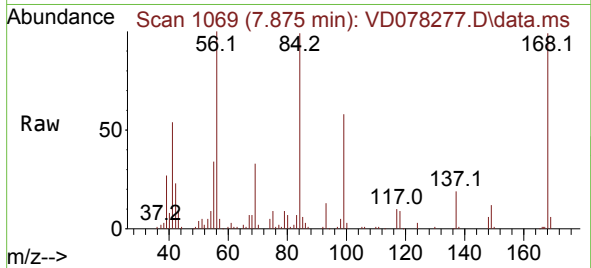
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

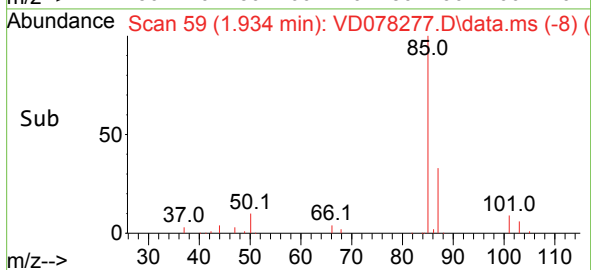
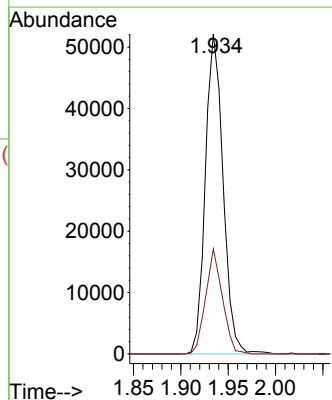
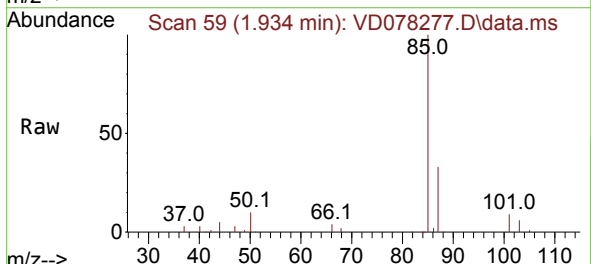
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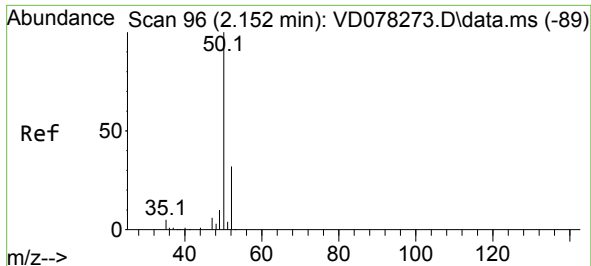
Tgt Ion:168 Resp: 125813
Ion Ratio Lower Upper
168 100
99 57.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 51.552 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 85 Resp: 67939
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

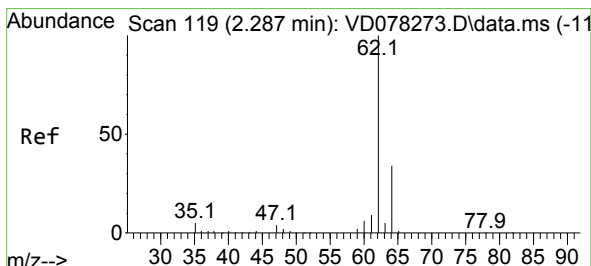
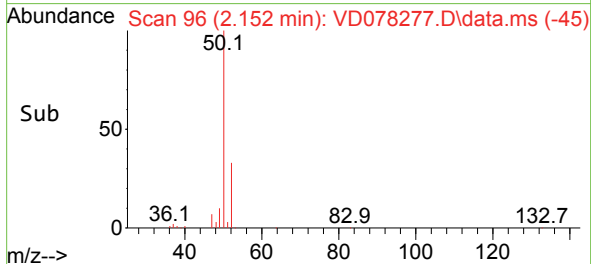
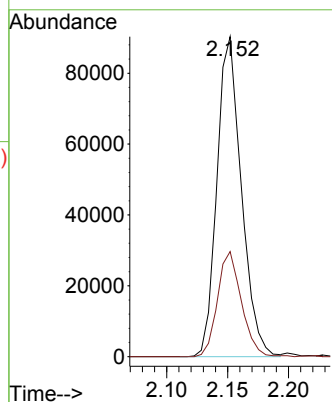
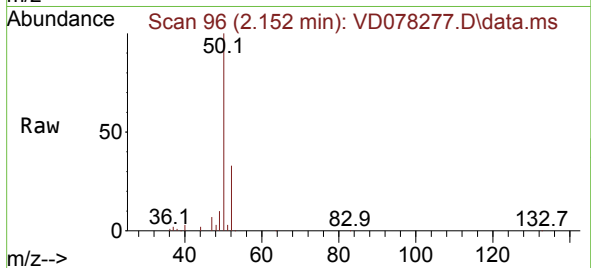




#3
Chloromethane
Concen: 48.164 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

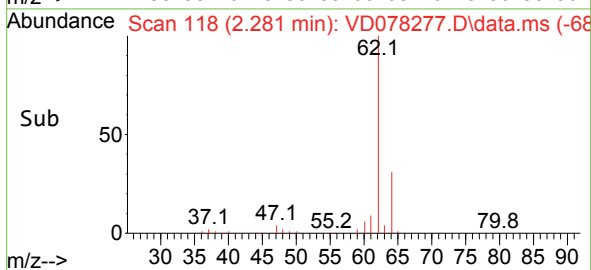
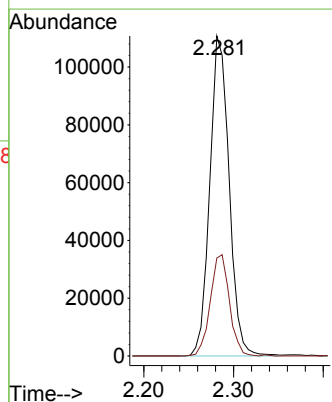
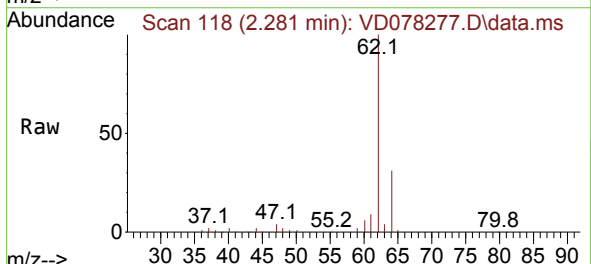
Instrument :
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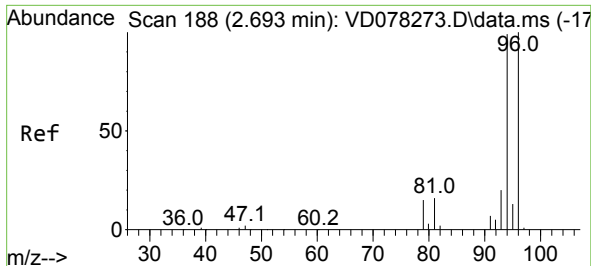
Tgt Ion: 50 Resp: 126053
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 48.004 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 62 Resp: 165724
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0

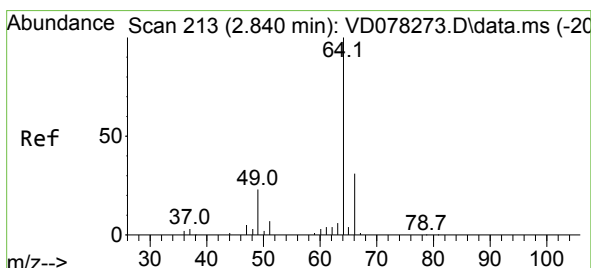
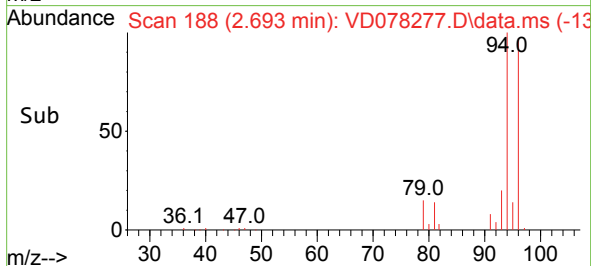
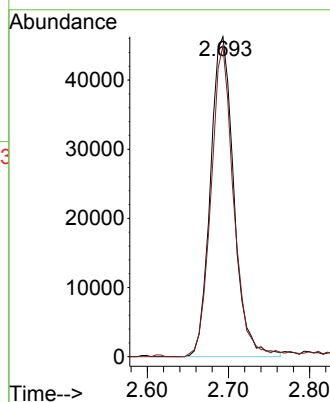
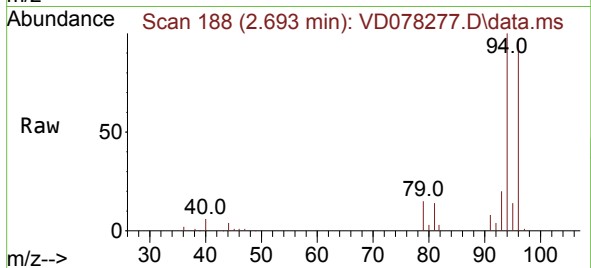




#5
Bromomethane
Concen: 44.295 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

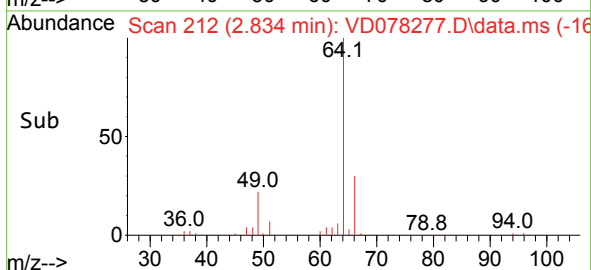
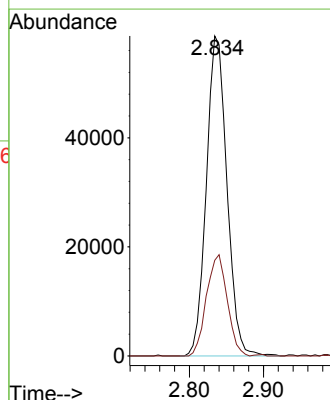
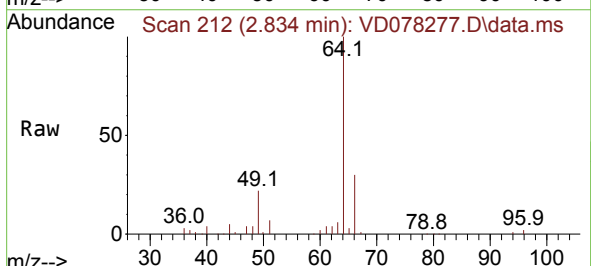
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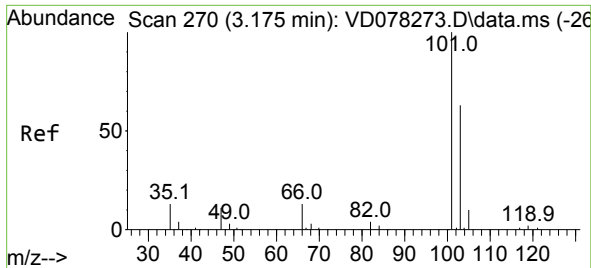
Tgt Ion: 94 Resp: 92579
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 47.514 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 64 Resp: 113300
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3

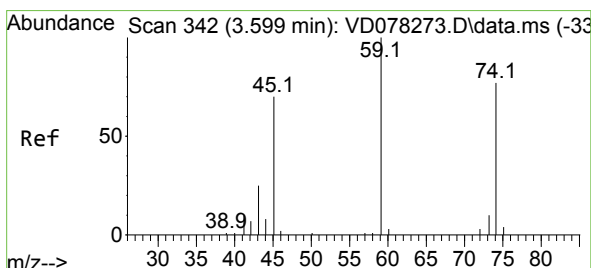
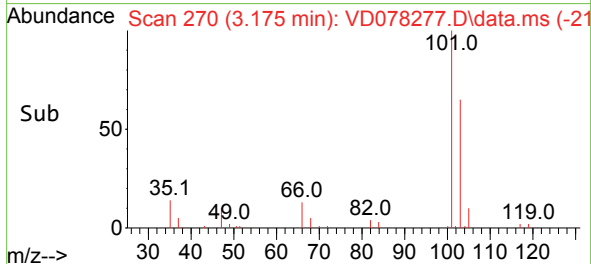
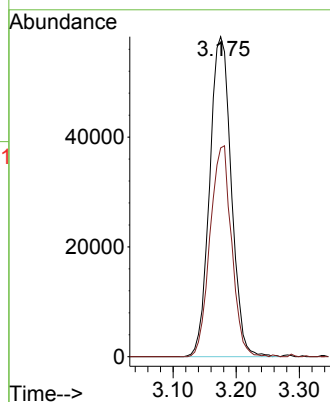
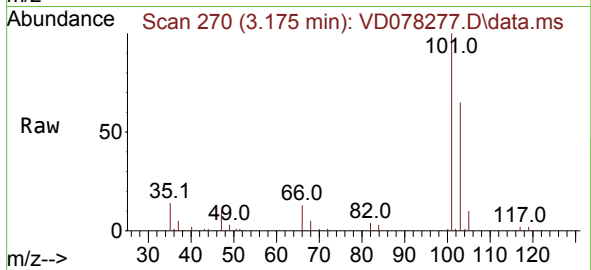




#7
 Trichlorofluoromethane
 Concen: 47.427 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

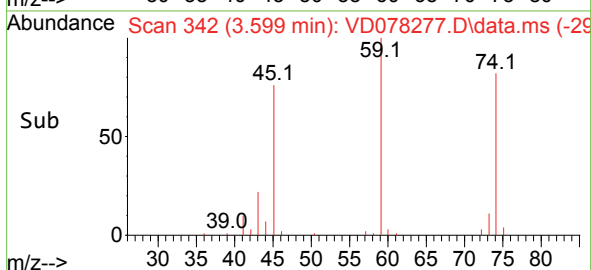
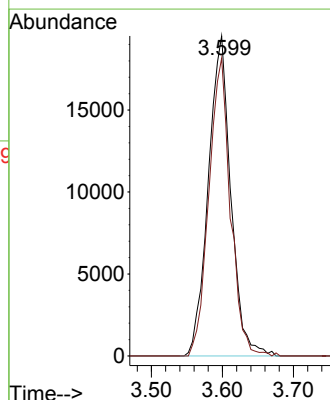
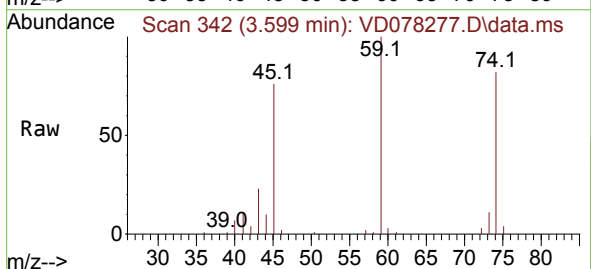
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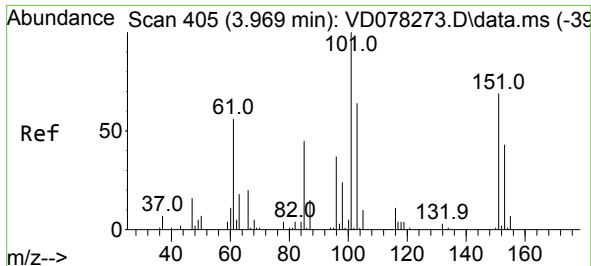
Tgt Ion:101 Resp: 138623
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.757 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

Tgt Ion: 74 Resp: 43022
 Ion Ratio Lower Upper
 74 100
 45 89.0 37.5 112.7

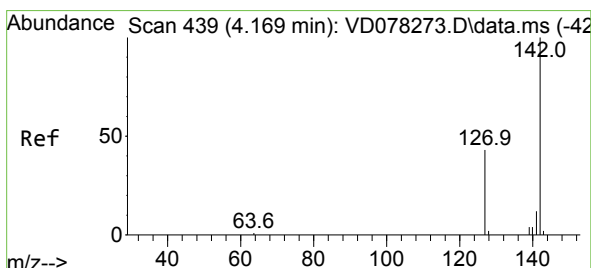
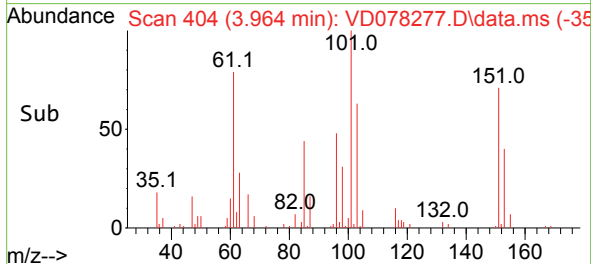
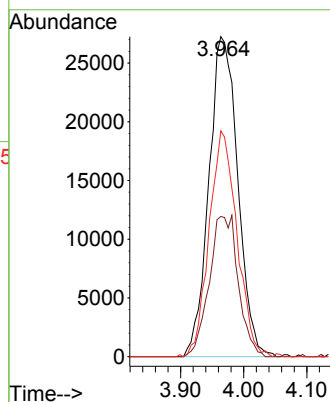
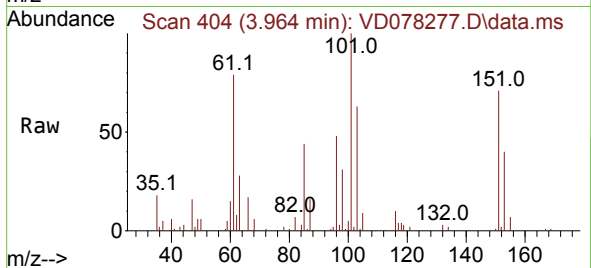




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.287 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078277.D
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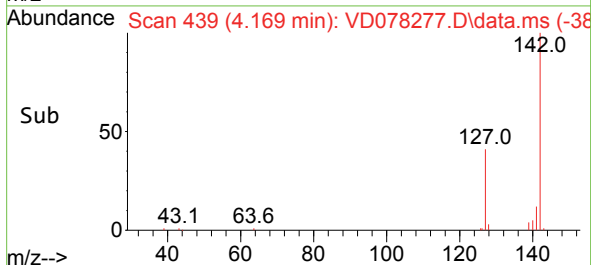
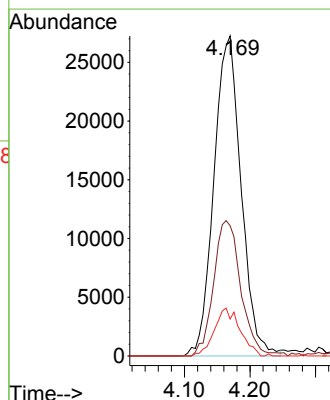
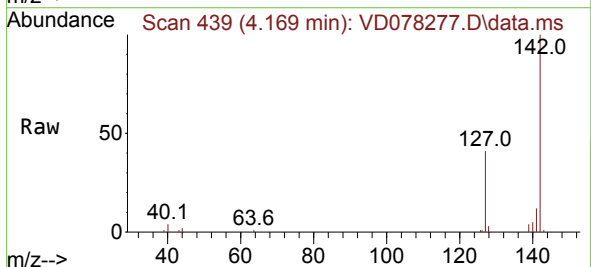
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

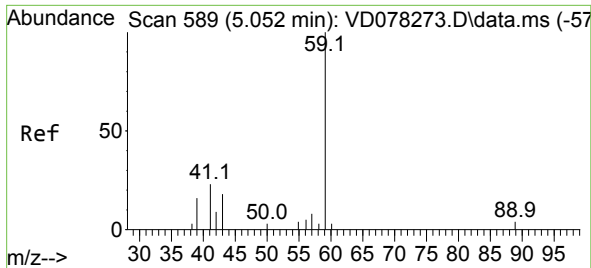
Tgt Ion:101	Resp:	86617
Ion	Ratio	Lower Upper
101	100	
85	44.2	33.8 50.6
151	67.8	59.8 89.6



#10
Methyl Iodide
Concen: 48.071 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:142	Resp:	78438
Ion	Ratio	Lower Upper
142	100	
127	42.4	29.4 44.0
141	14.1	11.1 16.7

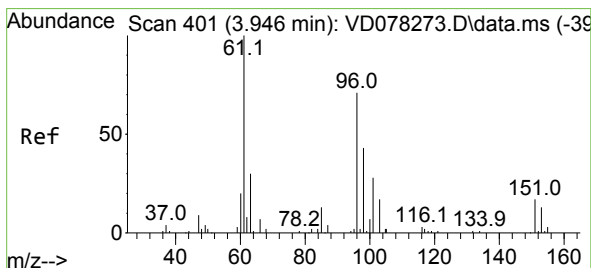
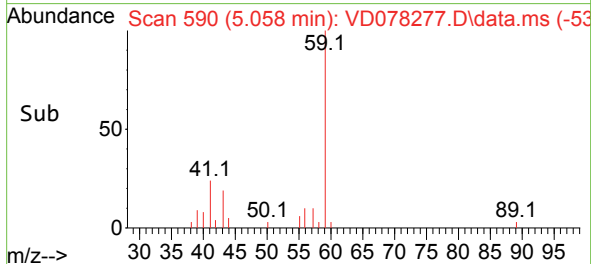
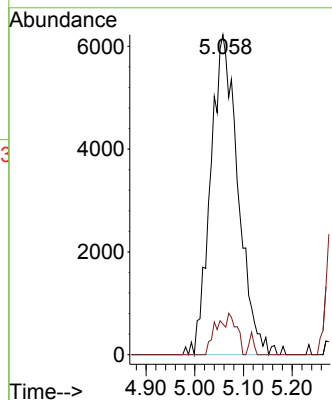
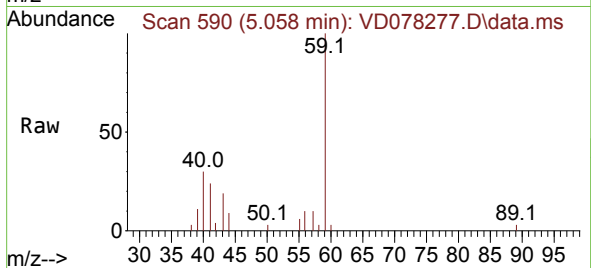




#11
Tert butyl alcohol
Concen: 245.164 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

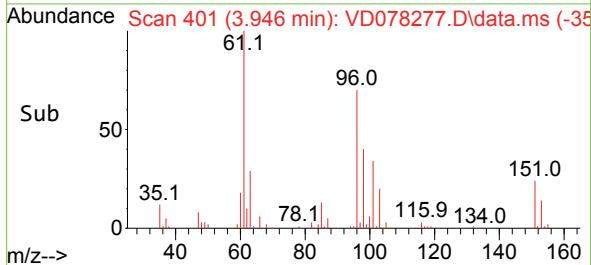
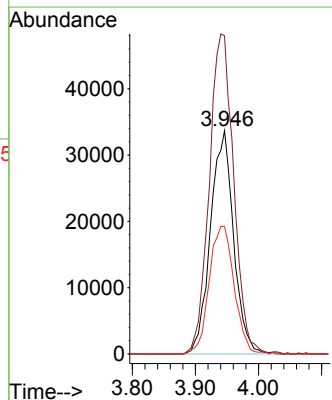
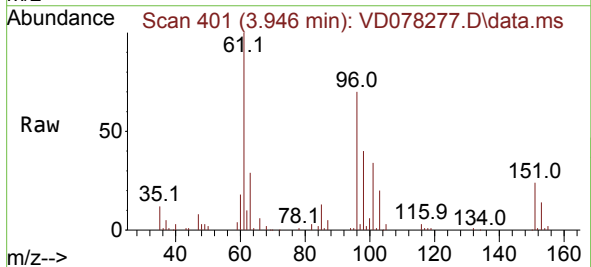
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

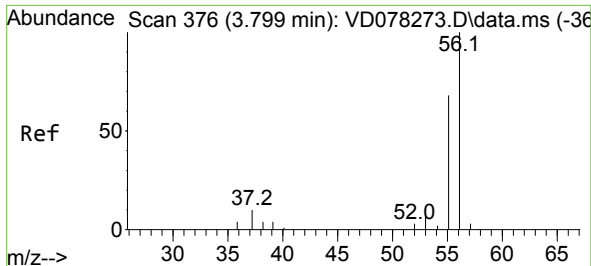
Tgt Ion: 59 Resp: 24356
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.637 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 96 Resp: 85912
Ion Ratio Lower Upper
96 100
61 142.6 100.6 150.8
98 57.1 50.2 75.2





#13

Acrolein

Concen: 237.599 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

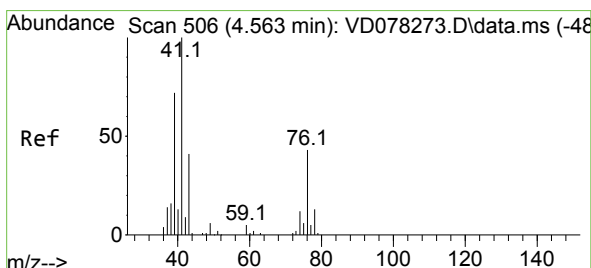
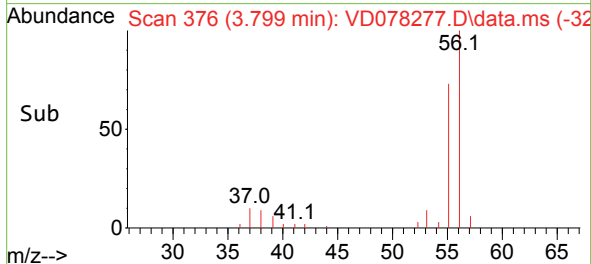
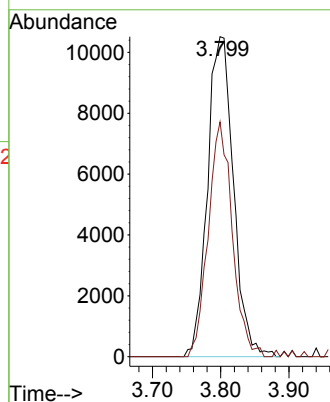
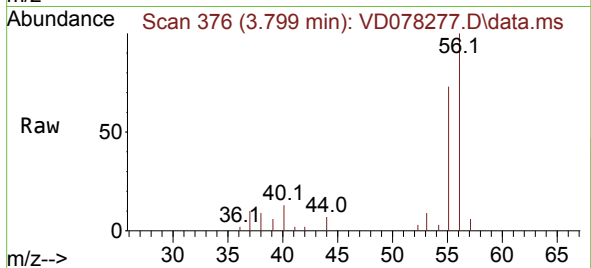
ICVVD013024

Tgt Ion: 56 Resp: 27922

Ion Ratio Lower Upper

56 100

55 67.8 55.1 82.7



#14

Allyl chloride

Concen: 49.814 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

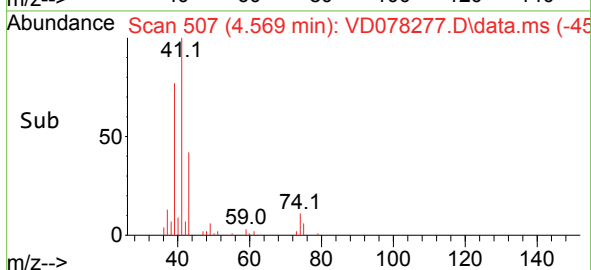
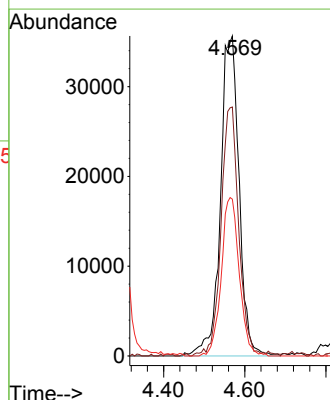
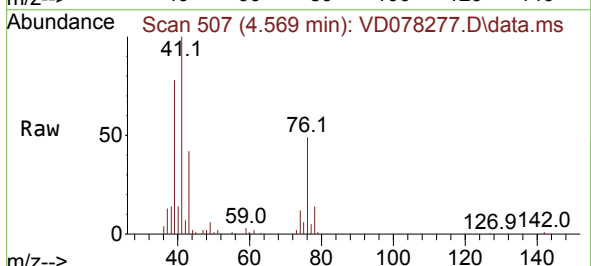
Tgt Ion: 41 Resp: 113676

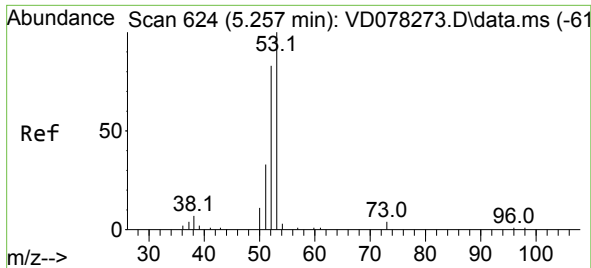
Ion Ratio Lower Upper

41 100

39 73.9 53.8 80.6

76 47.8 45.8 68.8

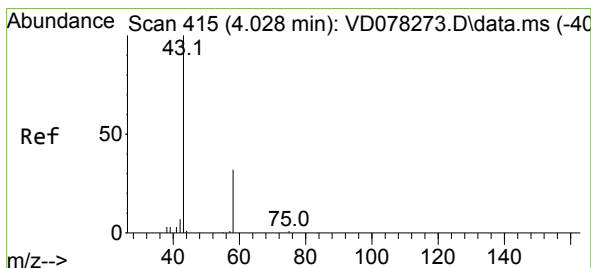
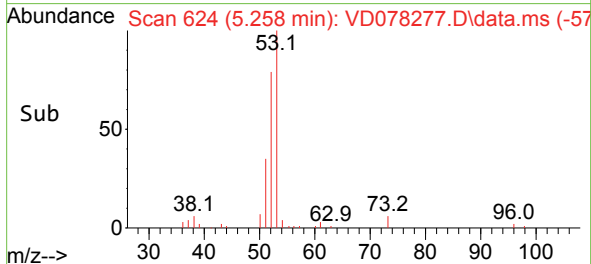
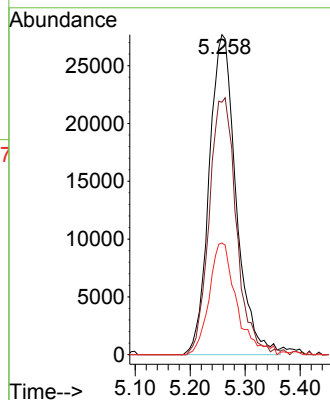
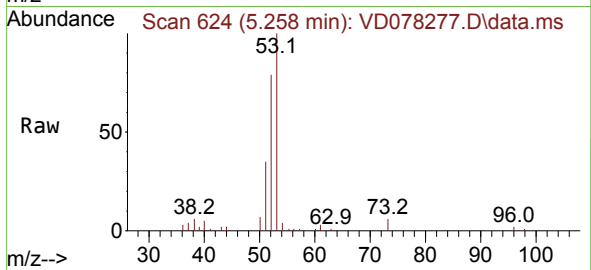




#15
Acrylonitrile
Concen: 246.335 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

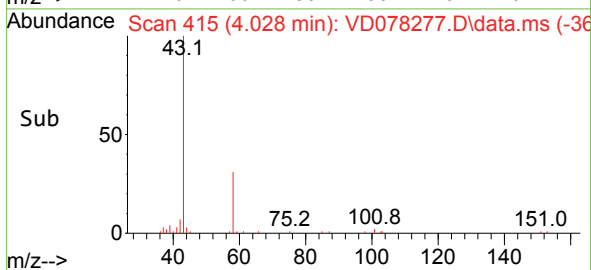
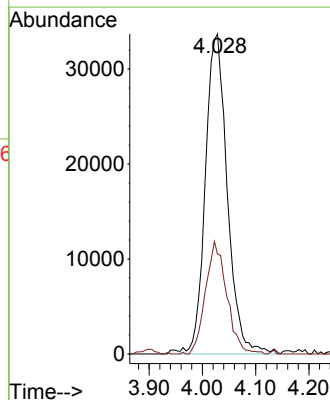
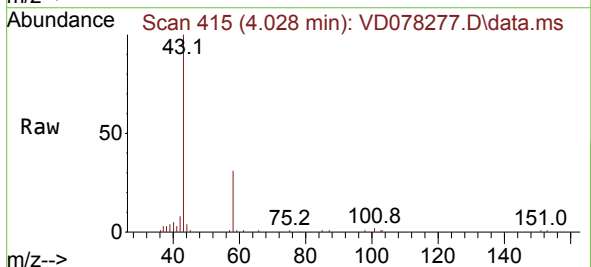
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

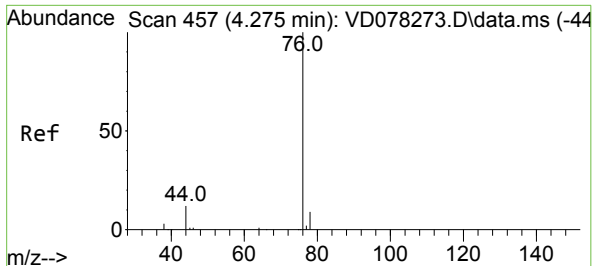
Tgt Ion:	53	Resp:	94145
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.0	97.4
51	35.5	28.3	42.5



#16
Acetone
Concen: 264.974 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:	43	Resp:	96418
Ion	Ratio	Lower	Upper
43	100		
58	31.3	34.7	52.1#

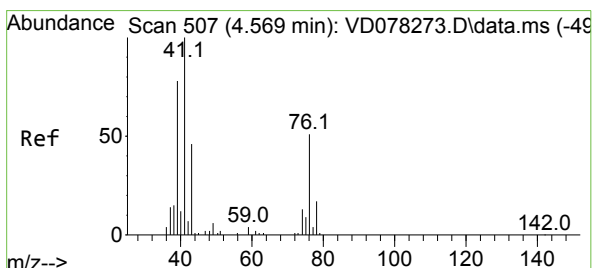
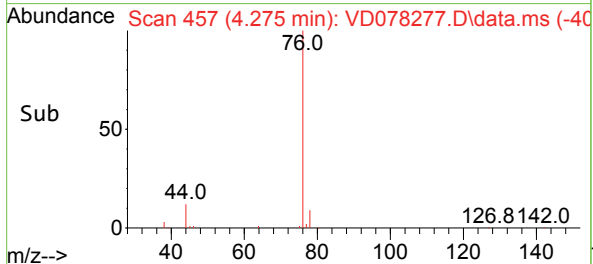
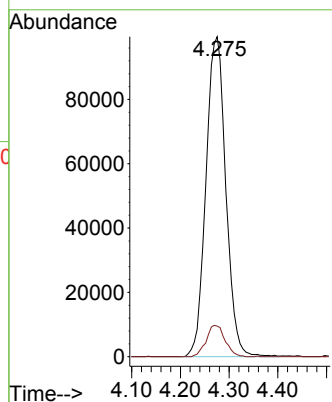
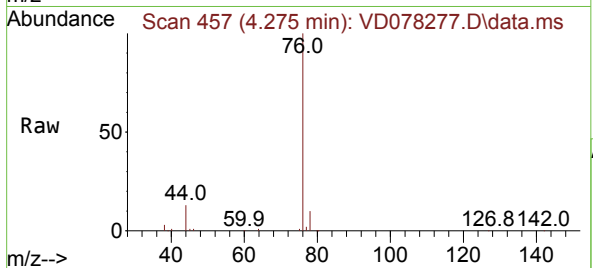




#17
Carbon Disulfide
Concen: 48.191 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

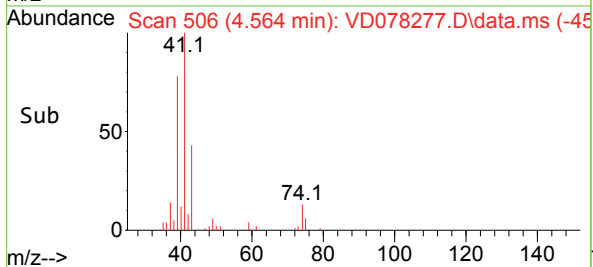
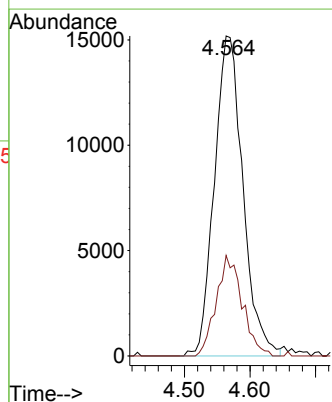
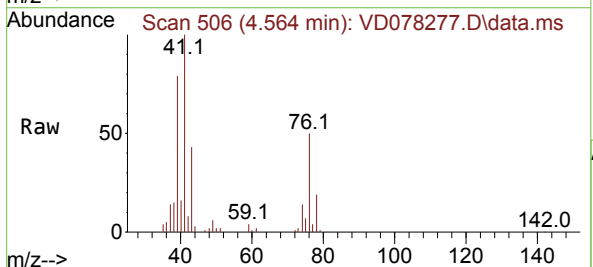
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

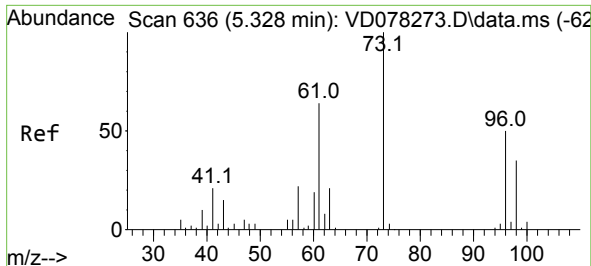
Tgt Ion: 76 Resp: 281590
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 55.258 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 43 Resp: 45872
Ion Ratio Lower Upper
43 100
74 28.6 26.4 39.6

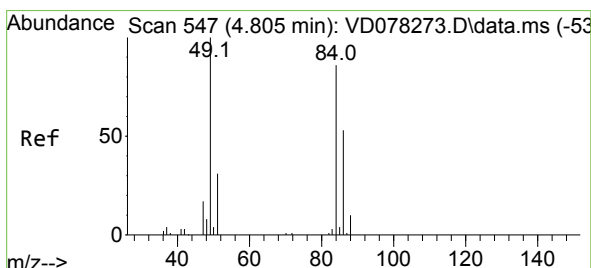
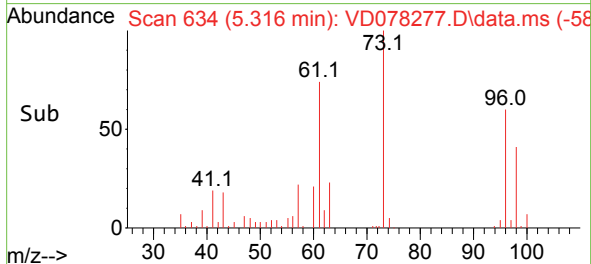
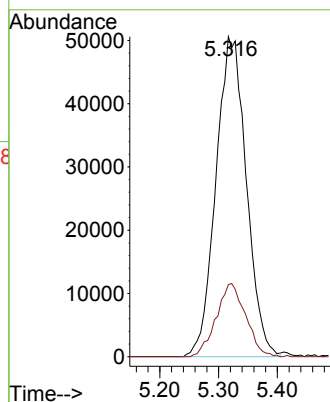
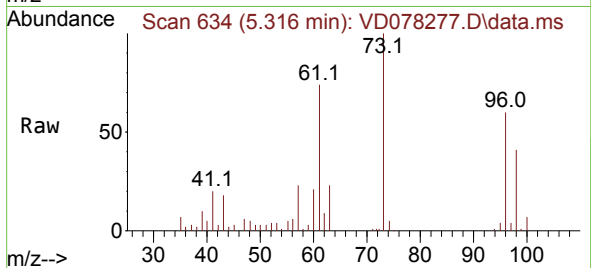




#19
Methyl tert-butyl Ether
Concen: 50.558 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

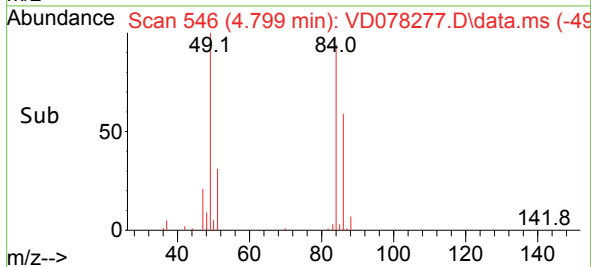
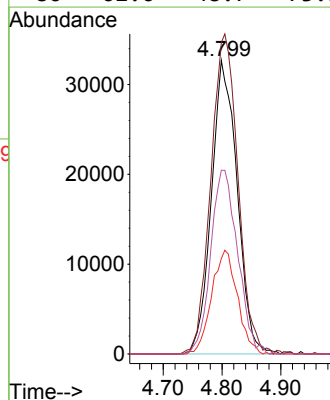
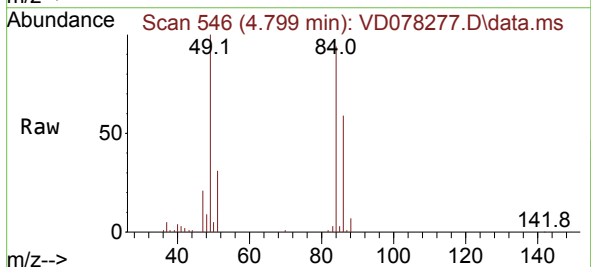
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

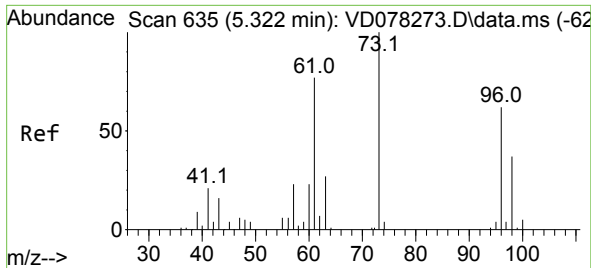
Tgt Ion: 73 Resp: 181990
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0



#20
Methylene Chloride
Concen: 52.923 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 84 Resp: 99543
Ion Ratio Lower Upper
84 100
49 106.1 71.4 107.2
51 32.5 24.5 36.7
86 62.6 48.7 73.1

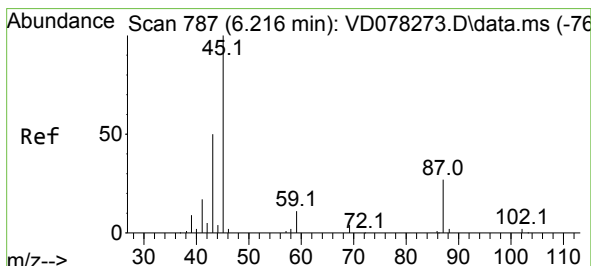
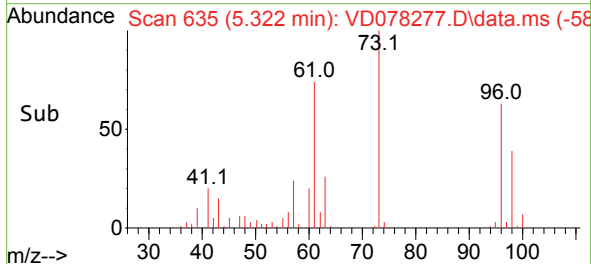
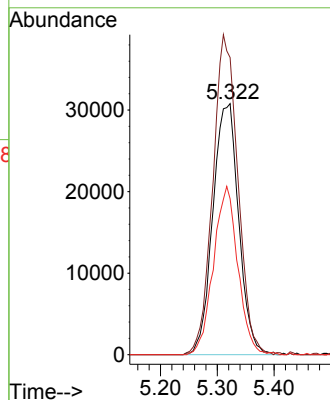
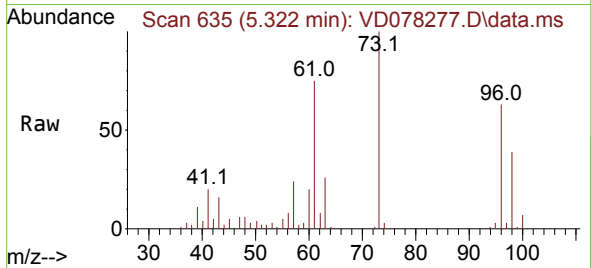




#21
trans-1,2-Dichloroethene
Concen: 49.822 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

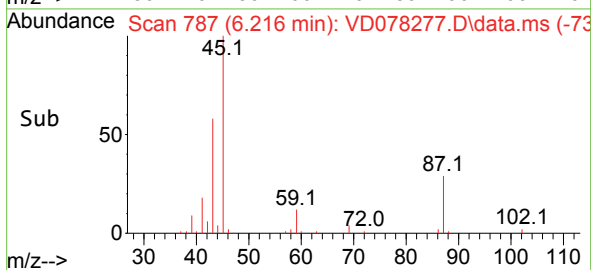
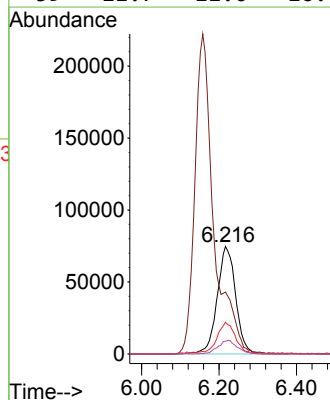
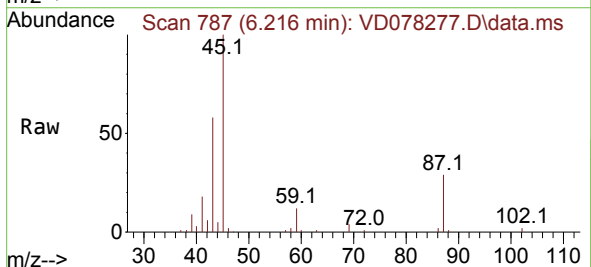
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

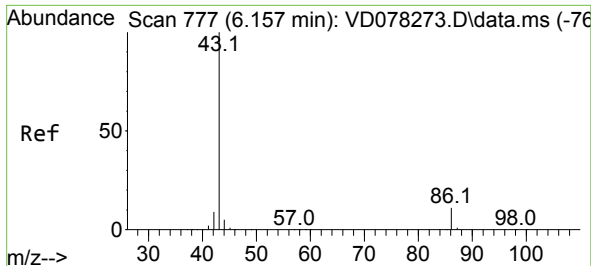
Tgt Ion:	96	Resp:	97501
Ion	Ratio	Lower	Upper
96	100		
61	118.3	89.3	133.9
98	62.1	48.6	73.0



#22
Diisopropyl ether
Concen: 50.843 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:	45	Resp:	246880
Ion	Ratio	Lower	Upper
45	100		
43	56.9	40.0	60.0
87	29.4	28.2	42.4
59	11.7	11.0	16.4

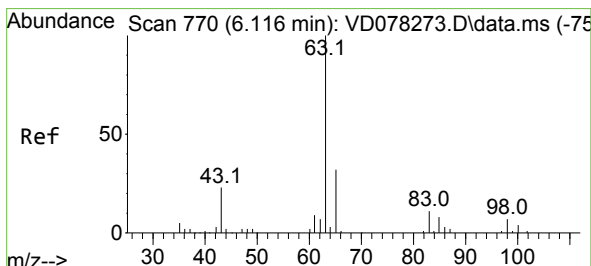
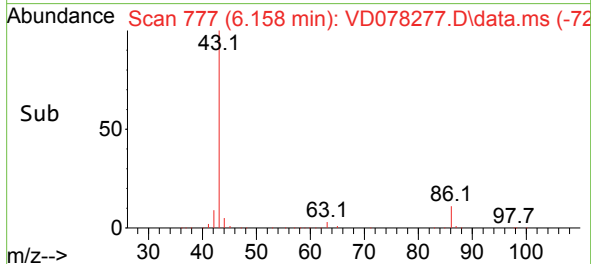
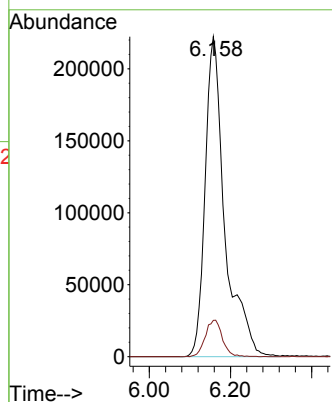
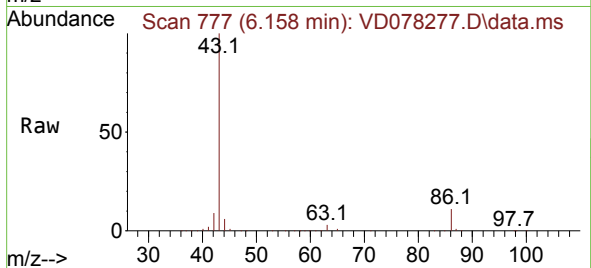




#23
 Vinyl Acetate
 Concen: 252.802 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

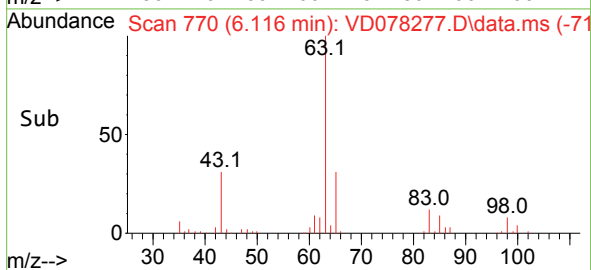
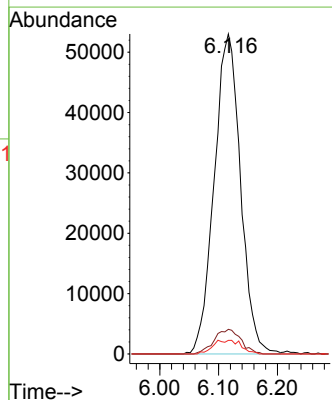
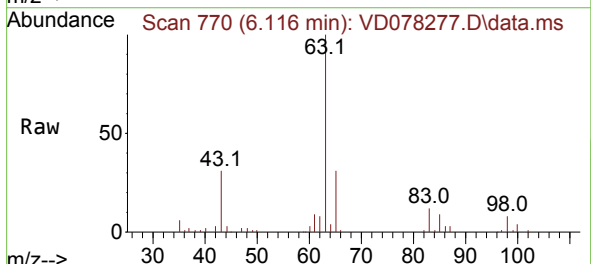
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD013024

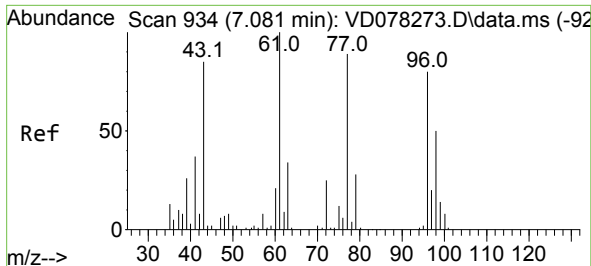
Tgt Ion: 43 Resp: 748917
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.046 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

Tgt Ion: 63 Resp: 164870
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.3 2.5 7.5

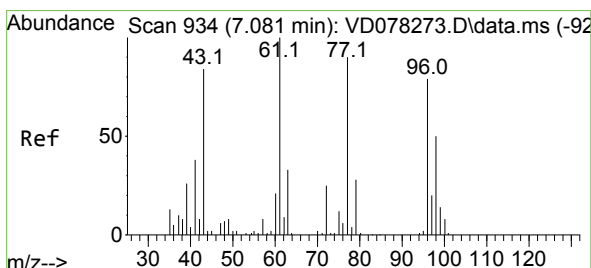
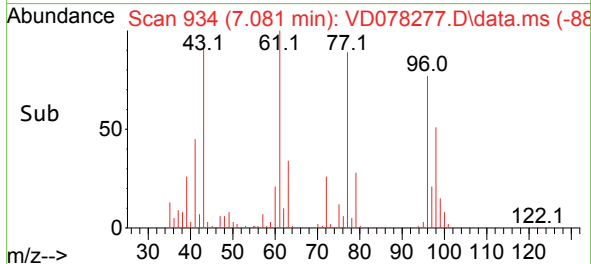
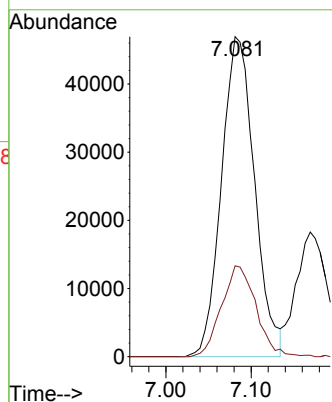
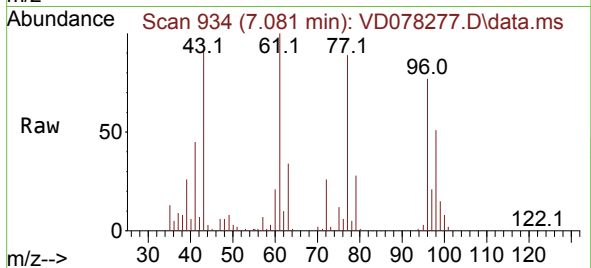




#25
2-Butanone
Concen: 244.167 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

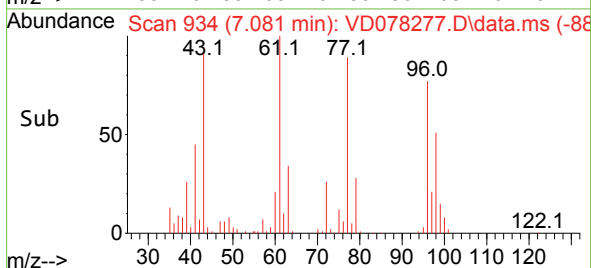
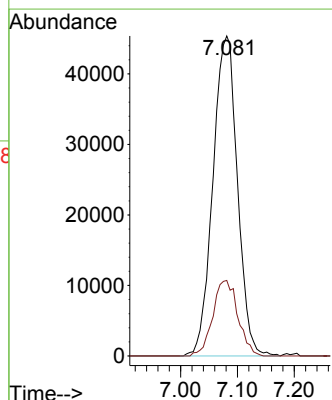
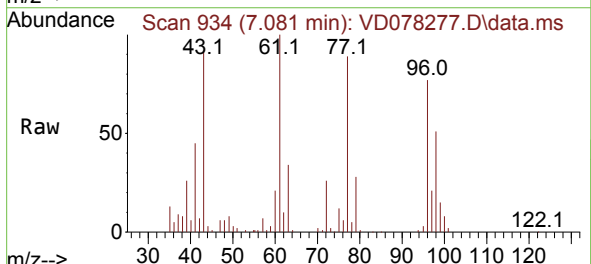
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

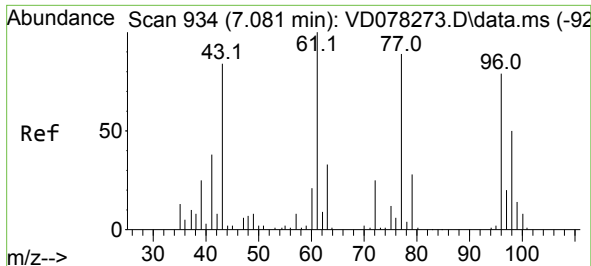
Tgt Ion: 43 Resp: 126718
Ion Ratio Lower Upper
43 100
72 28.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.601 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 77 Resp: 136200
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 49.746 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

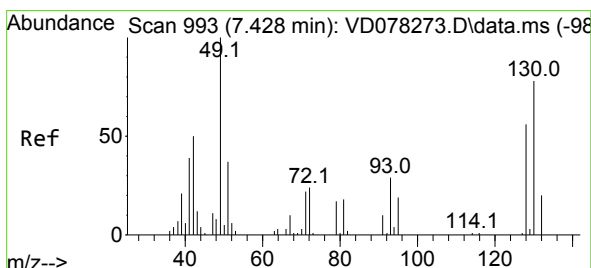
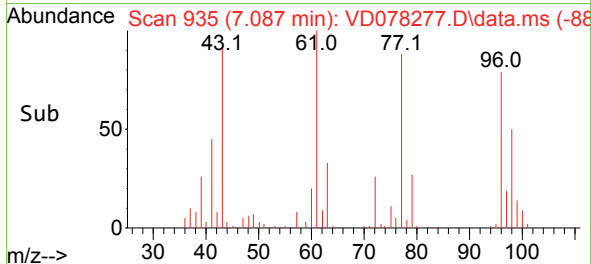
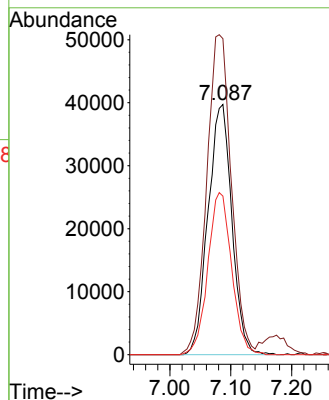
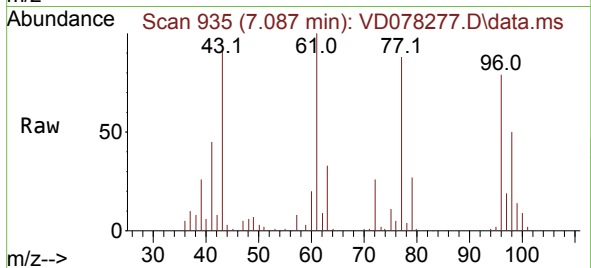
Tgt Ion: 96 Resp: 107897

Ion Ratio Lower Upper

96 100

61 132.2 0.0 239.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 49.074 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

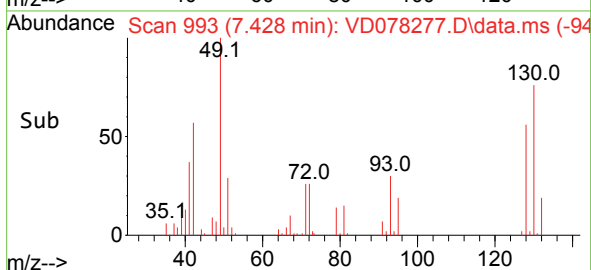
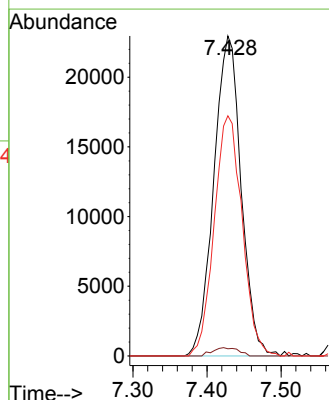
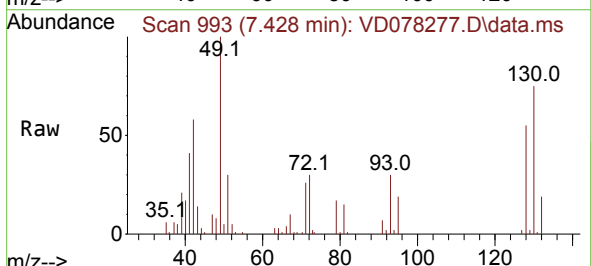
Tgt Ion: 49 Resp: 58837

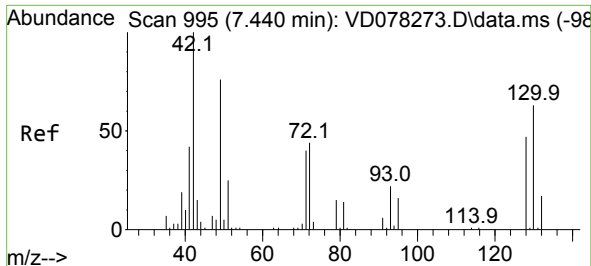
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.0

130 76.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 254.317 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

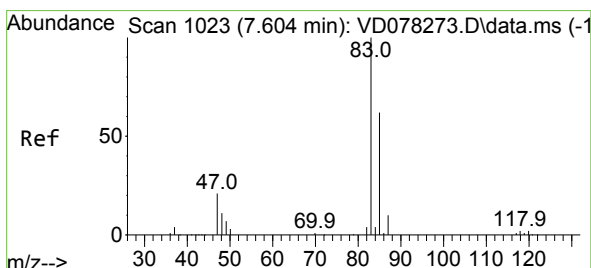
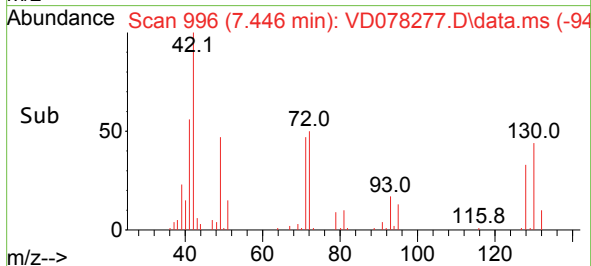
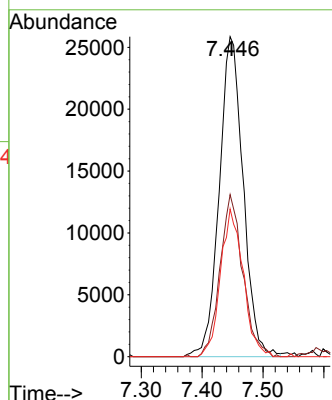
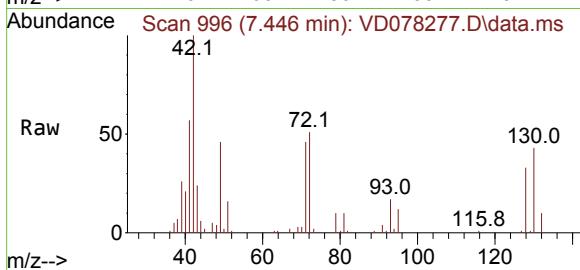
Tgt Ion: 42 Resp: 70608

Ion Ratio Lower Upper

42 100

72 48.3 46.5 69.7

71 43.8 44.5 66.7#



#30

Chloroform

Concen: 49.835 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078277.D

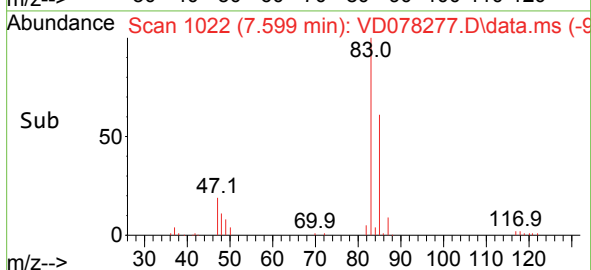
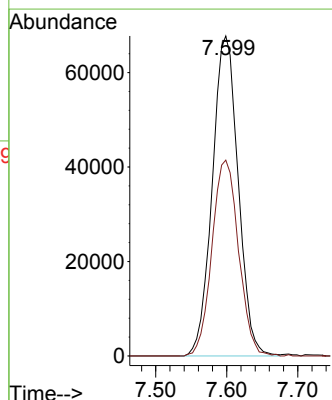
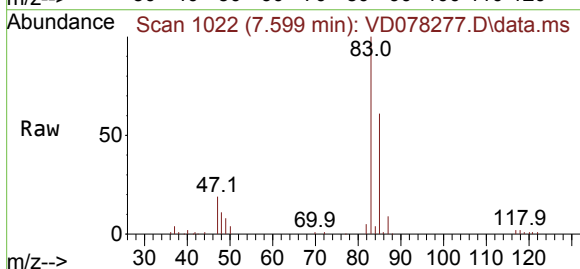
Acq: 30 Jan 2024 13:36

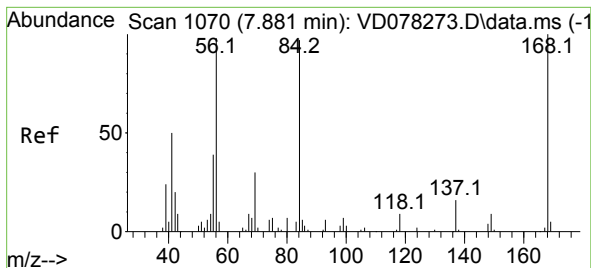
Tgt Ion: 83 Resp: 171282

Ion Ratio Lower Upper

83 100

85 61.2 53.4 80.2





#31

Cyclohexane

Concen: 48.060 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

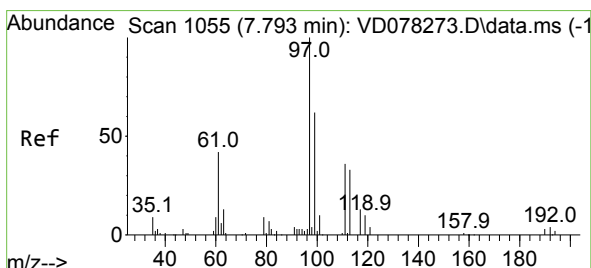
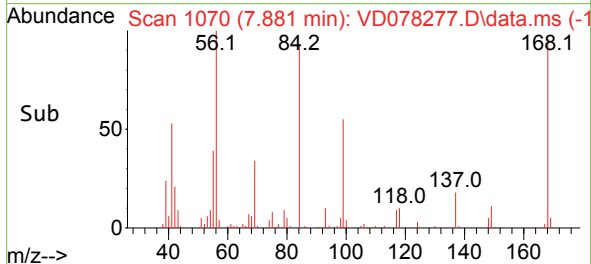
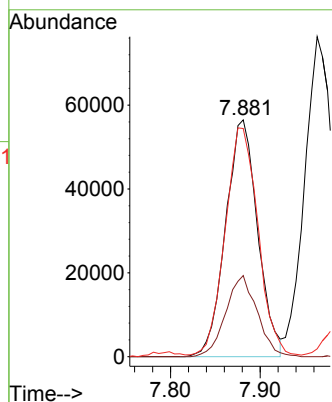
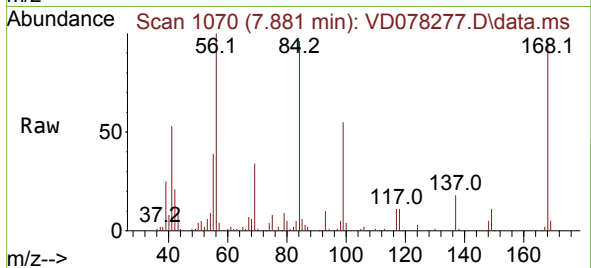
Tgt Ion: 56 Resp: 140185

Ion Ratio Lower Upper

56 100

69 34.2 28.6 43.0

84 95.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 48.652 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

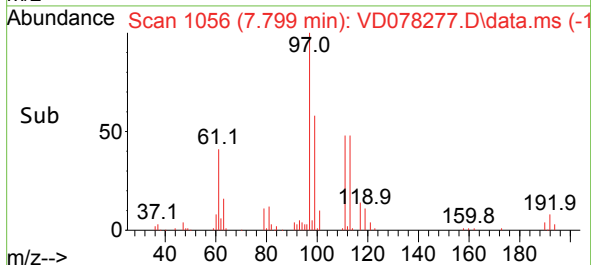
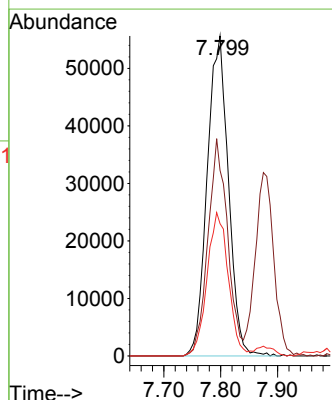
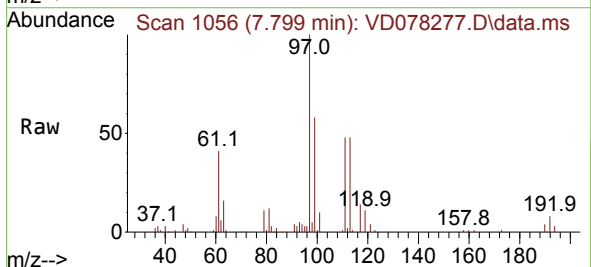
Tgt Ion: 97 Resp: 144109

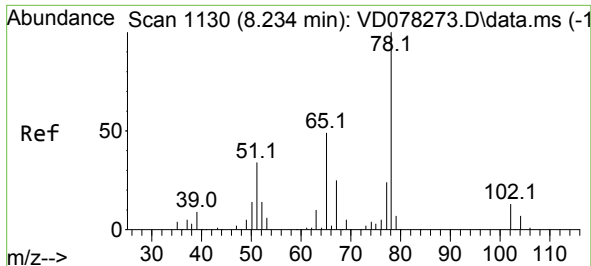
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.793 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

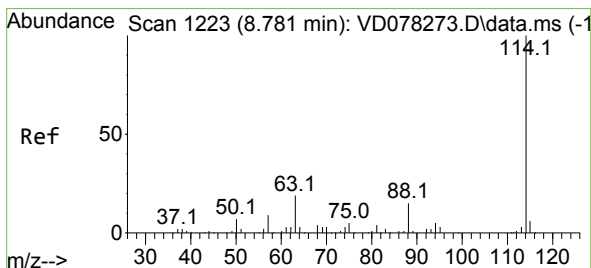
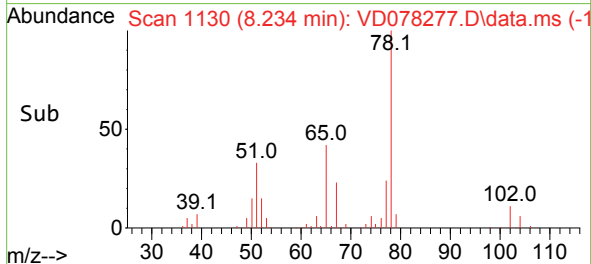
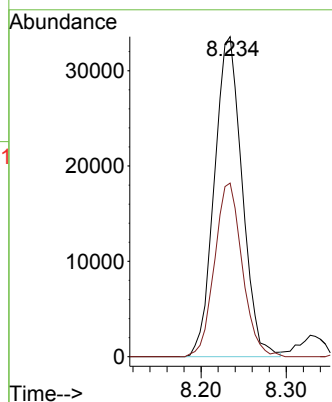
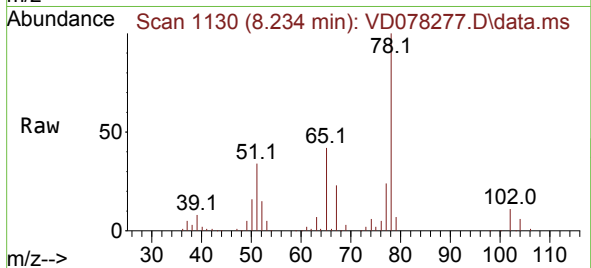
ICVVD013024

Tgt Ion: 65 Resp: 75995

Ion Ratio Lower Upper

65 100

67 54.0 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: VD078277.D

Acq: 30 Jan 2024 13:36

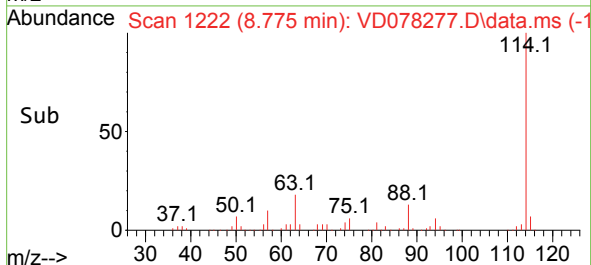
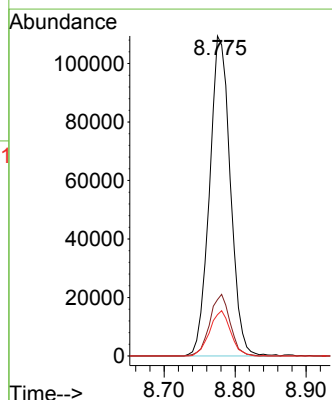
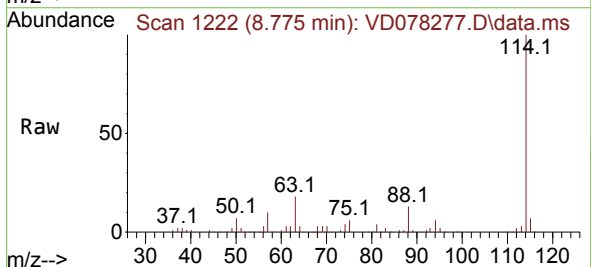
Tgt Ion: 114 Resp: 222368

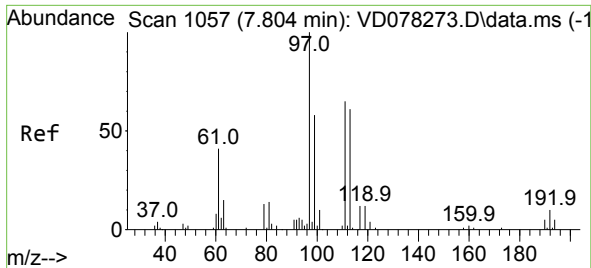
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 12.9 0.0 26.2

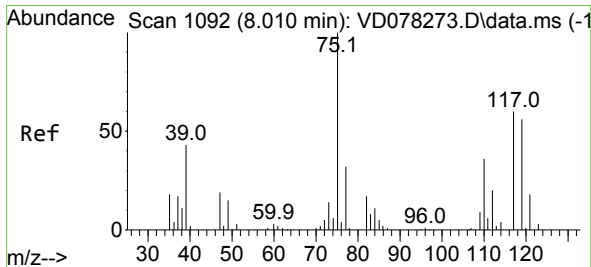
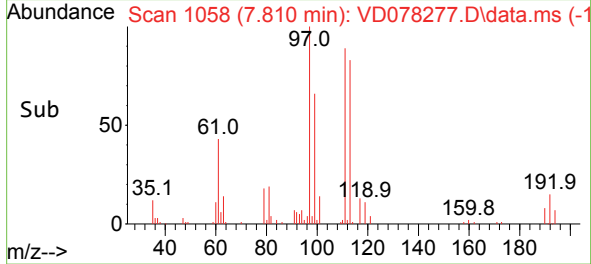
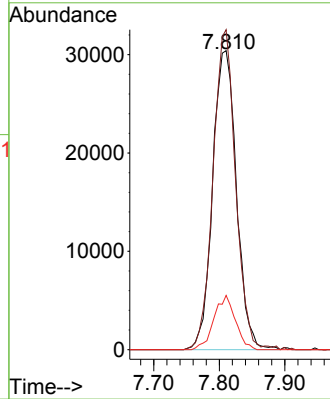
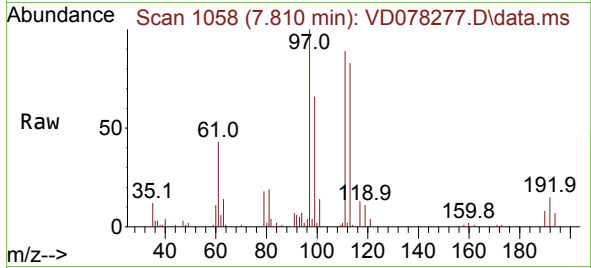




#35
Dibromofluoromethane
Concen: 48.474 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

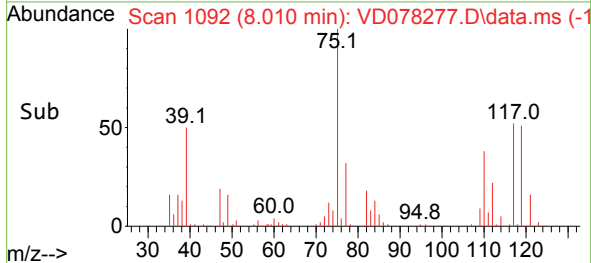
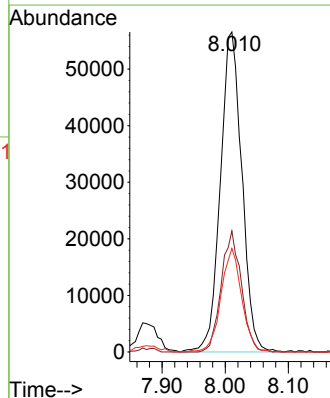
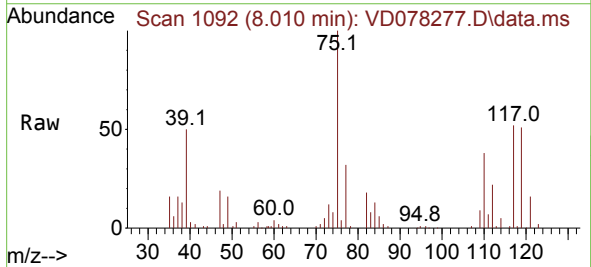
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

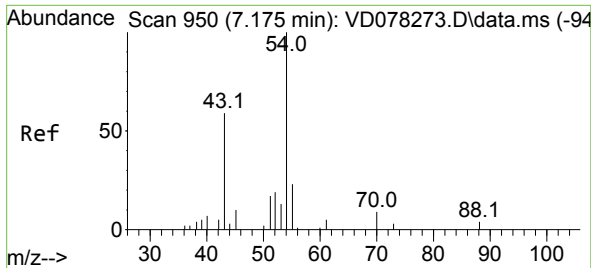
Tgt Ion:113 Resp: 76739
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 16.4 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 51.122 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 75 Resp: 134204
Ion Ratio Lower Upper
75 100
110 35.3 19.9 59.6
77 31.1 24.7 37.1

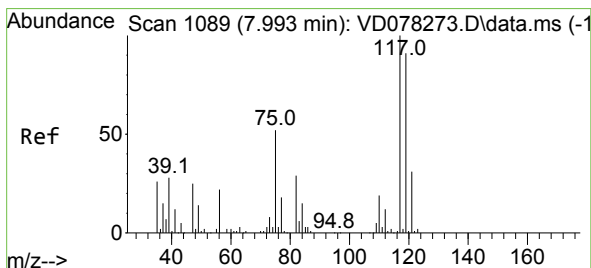
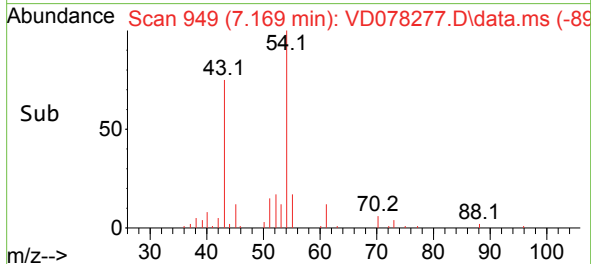
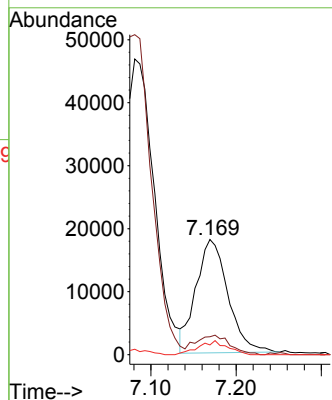
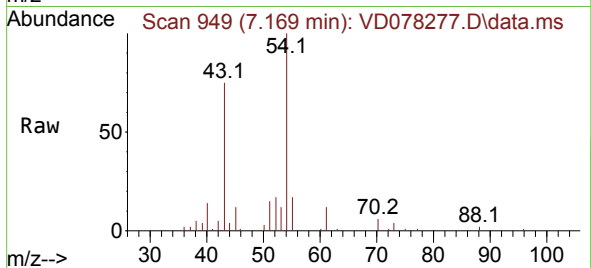




#37
Ethyl Acetate
Concen: 46.570 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

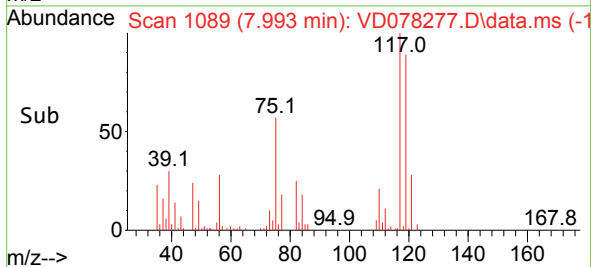
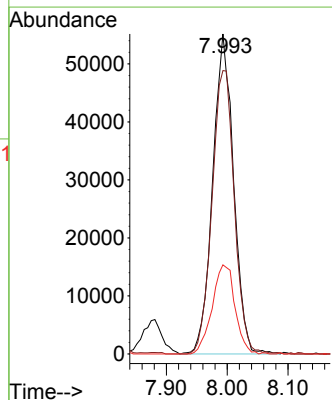
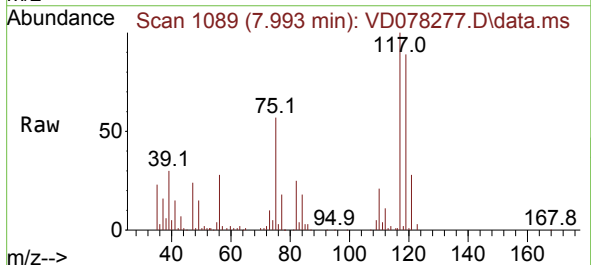
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

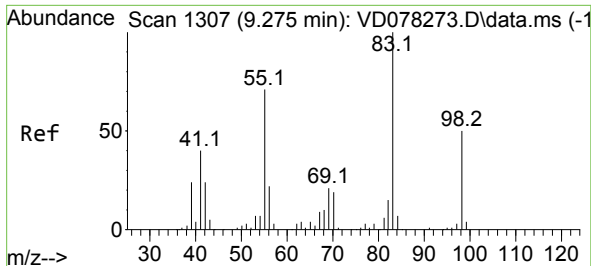
Tgt Ion: 43 Resp: 47053
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
70 11.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.910 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 117 Resp: 131411
Ion Ratio Lower Upper
117 100
119 88.5 78.0 117.0
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 52.216 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

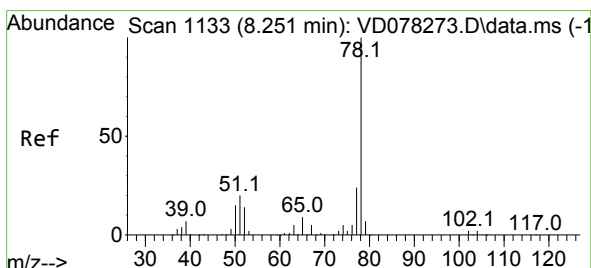
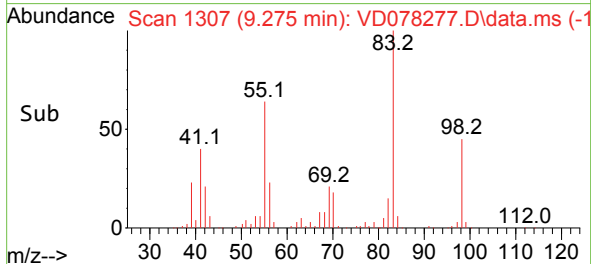
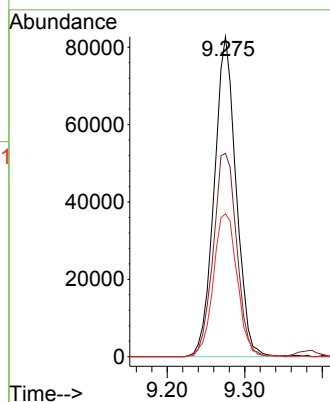
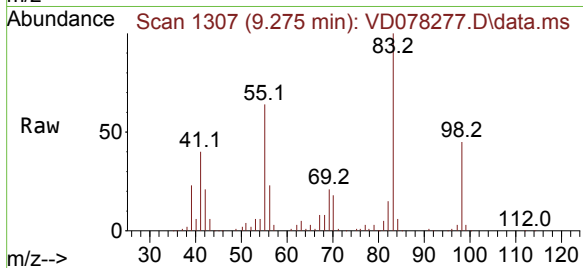
Tgt Ion: 83 Resp: 162069

Ion Ratio Lower Upper

83 100

55 63.6 49.4 74.0

98 44.6 38.4 57.6



#40

Benzene

Concen: 50.316 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078277.D

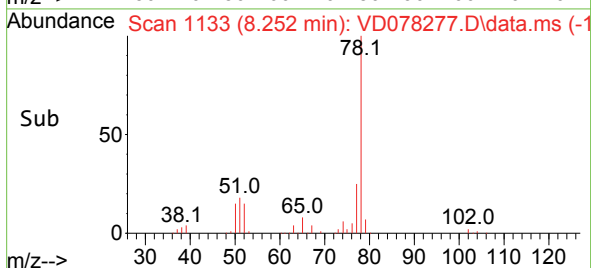
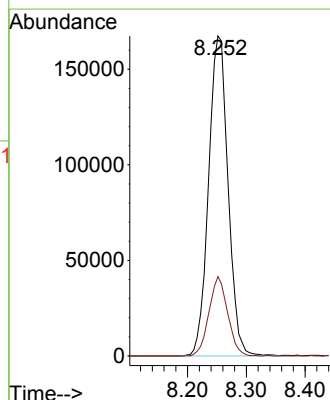
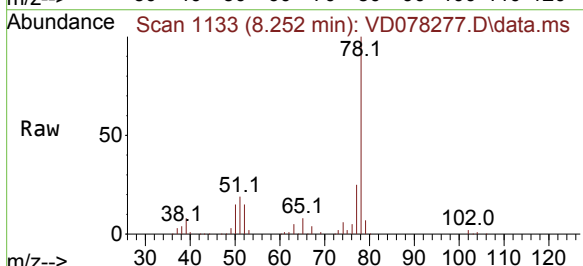
Acq: 30 Jan 2024 13:36

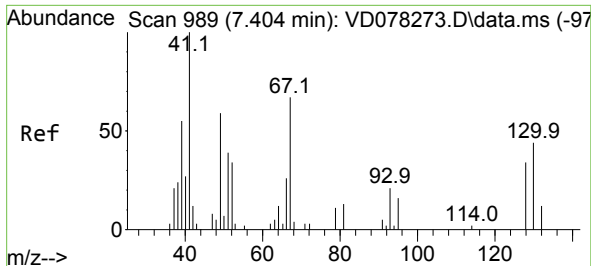
Tgt Ion: 78 Resp: 385411

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0



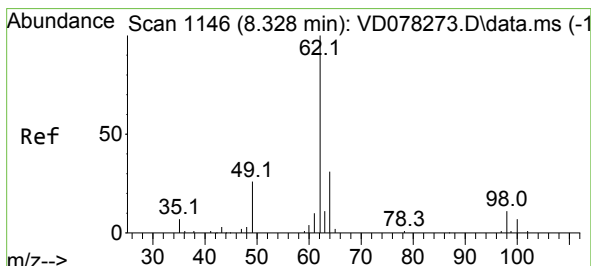
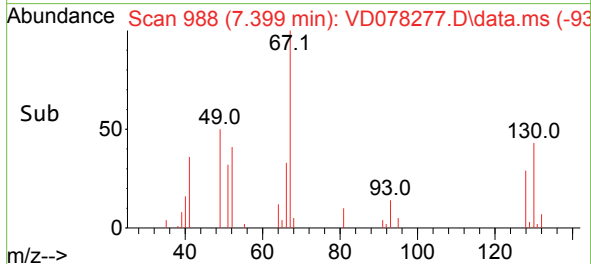
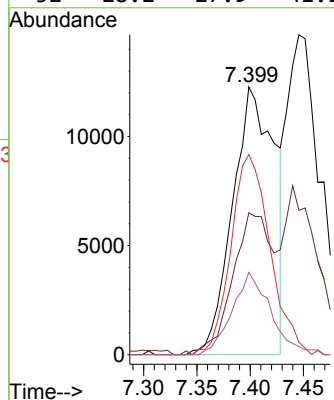
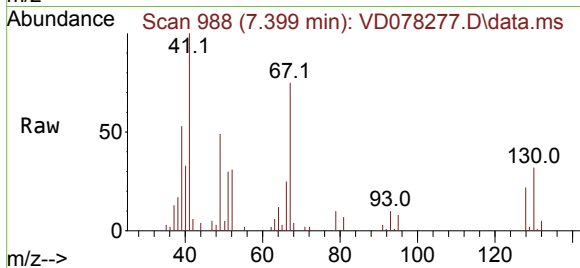


#41
Methacrylonitrile
Concen: 62.136 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

Tgt Ion: 41 Resp: 33752

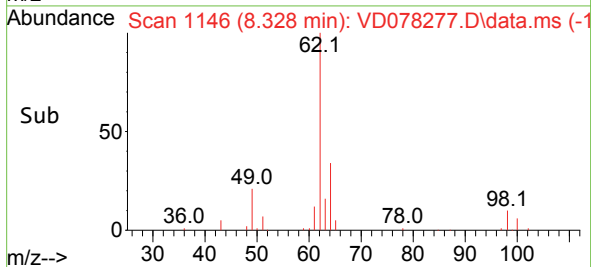
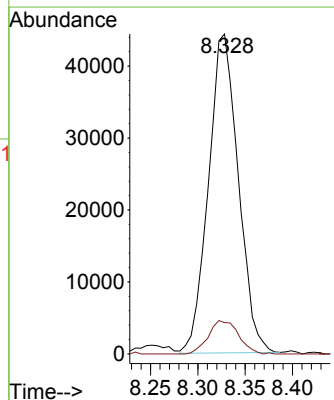
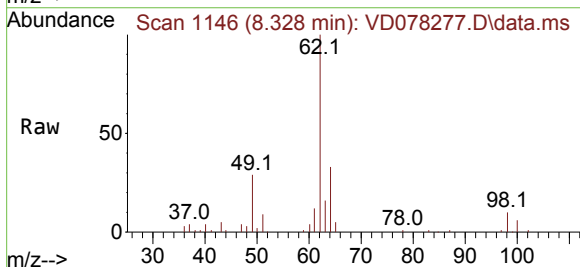
Ion	Ratio	Lower	Upper
41	100		
39	48.1	34.0	51.0
67	69.6	77.0	115.4#
52	28.2	27.9	41.9

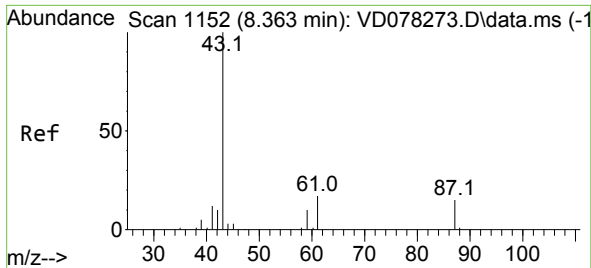


#42
1,2-Dichloroethane
Concen: 48.971 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 62 Resp: 97288

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	25.4

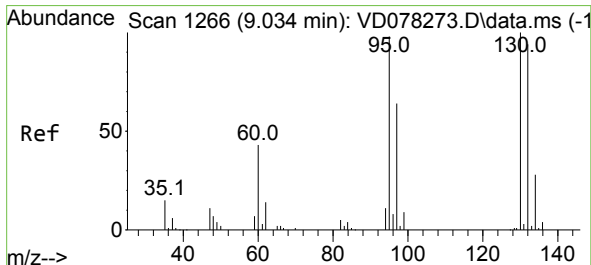
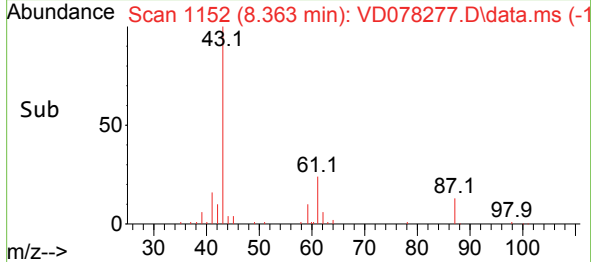
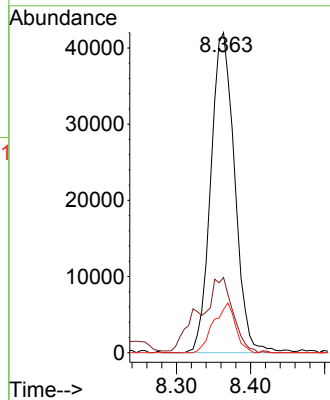
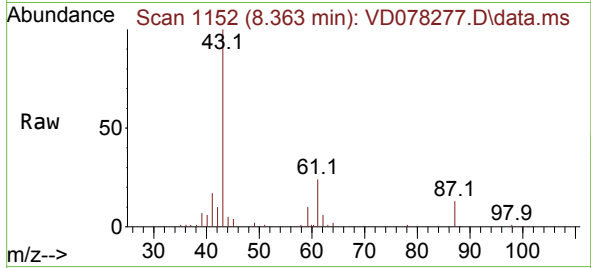




#43
Isopropyl Acetate
Concen: 51.706 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

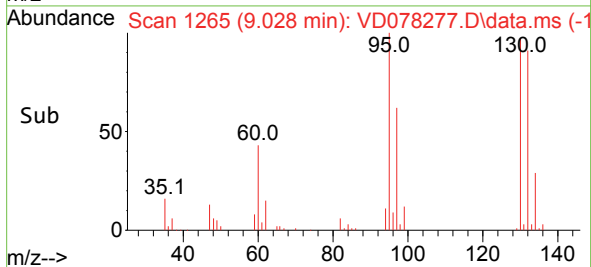
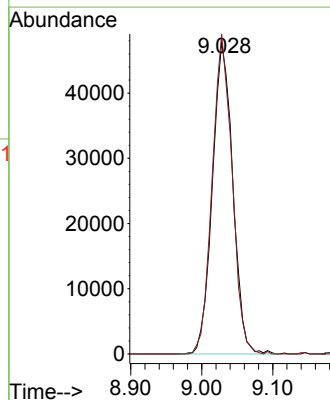
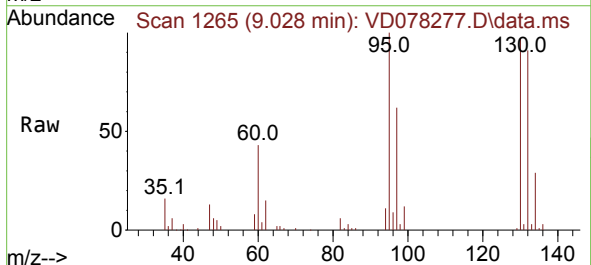
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

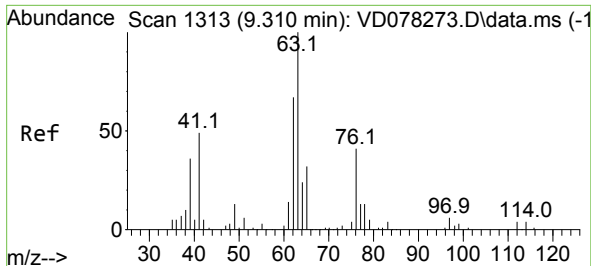
Tgt Ion: 43 Resp: 93670
Ion Ratio Lower Upper
43 100
61 23.3 31.4 47.0#
87 14.3 14.9 22.3#



#44
Trichloroethene
Concen: 50.470 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 130 Resp: 94928
Ion Ratio Lower Upper
130 100
95 102.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.341 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

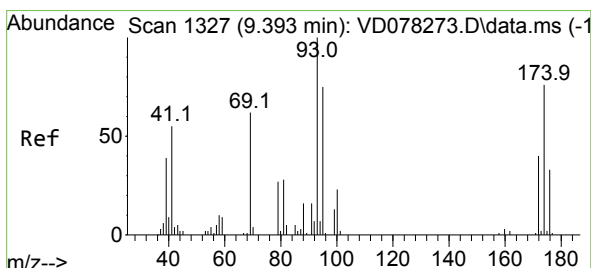
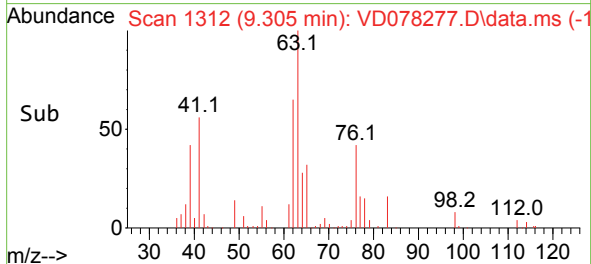
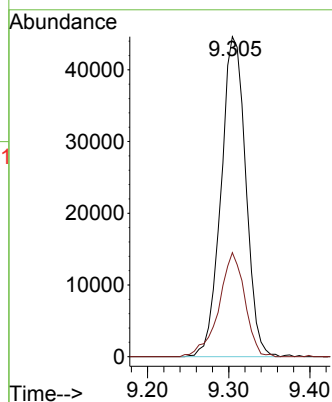
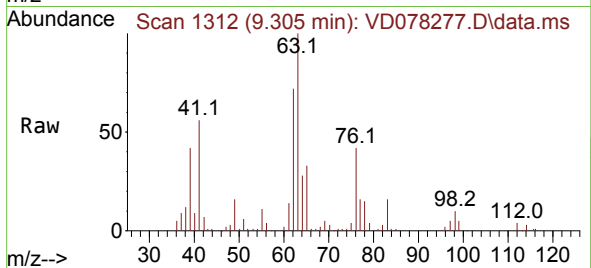
ICVVD013024

Tgt Ion: 63 Resp: 94280

Ion Ratio Lower Upper

63 100

65 32.5 24.5 36.7



#46

Dibromomethane

Concen: 48.543 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

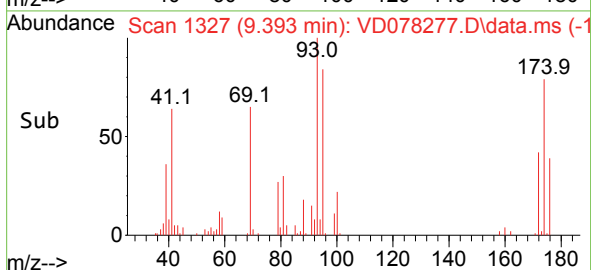
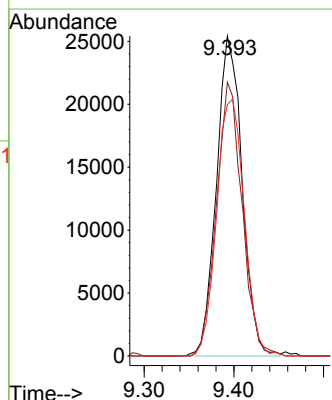
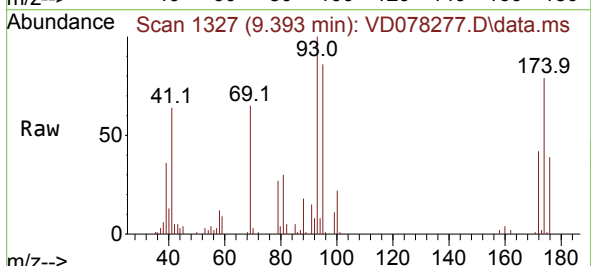
Tgt Ion: 93 Resp: 50441

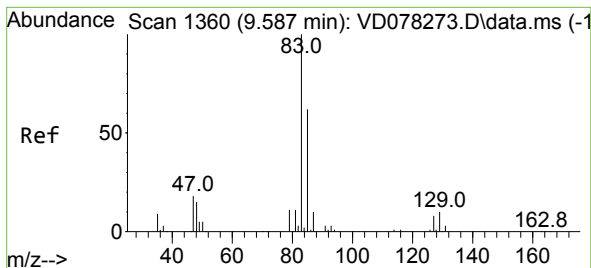
Ion Ratio Lower Upper

93 100

95 85.4 67.7 101.5

174 86.4 85.4 128.2





#47

Bromodichloromethane

Concen: 49.711 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

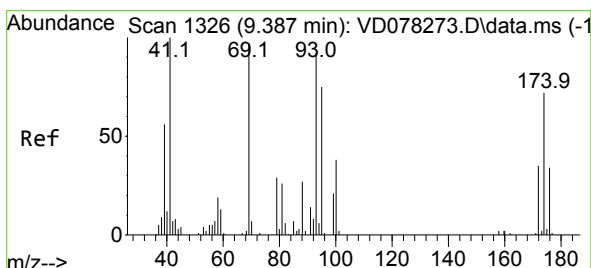
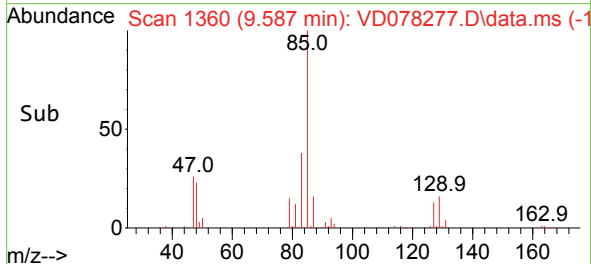
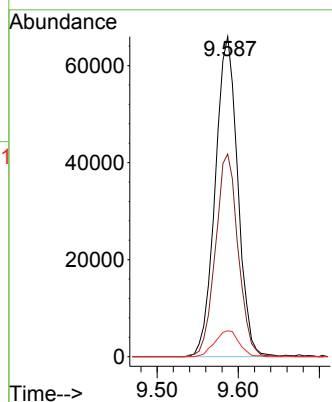
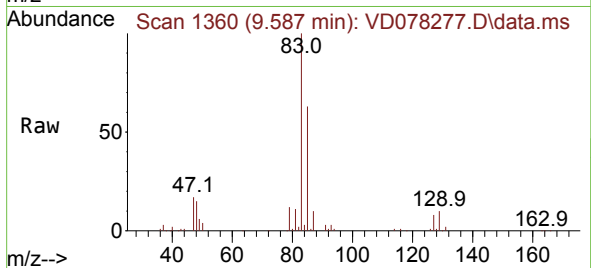
Tgt Ion: 83 Resp: 127088

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.4

127 8.1 6.3 9.5



#48

Methyl methacrylate

Concen: 52.789 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

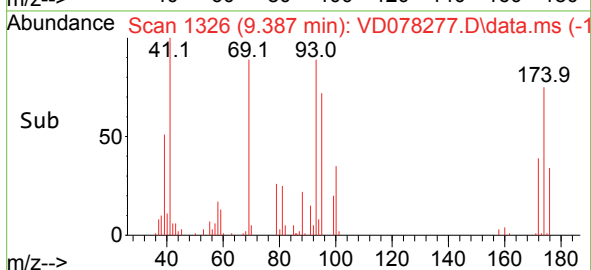
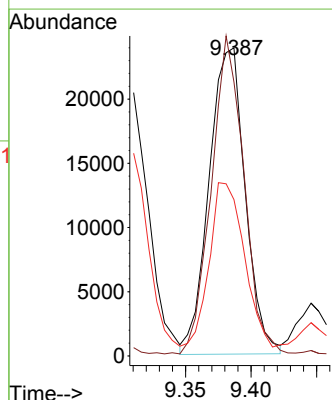
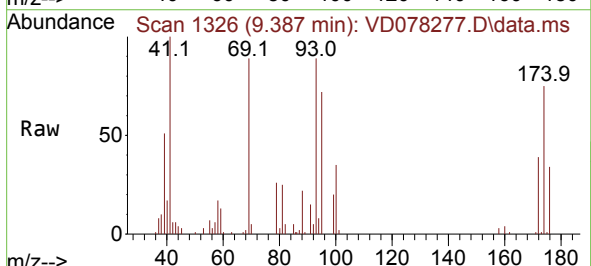
Tgt Ion: 41 Resp: 45698

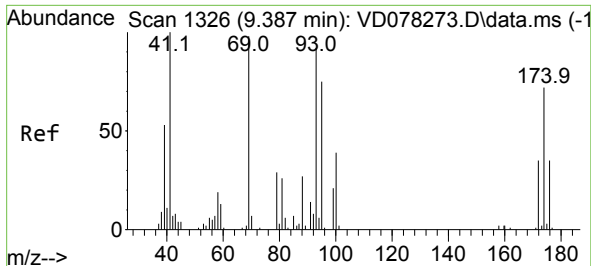
Ion Ratio Lower Upper

41 100

69 93.7 102.2 153.2#

39 52.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1009.503 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

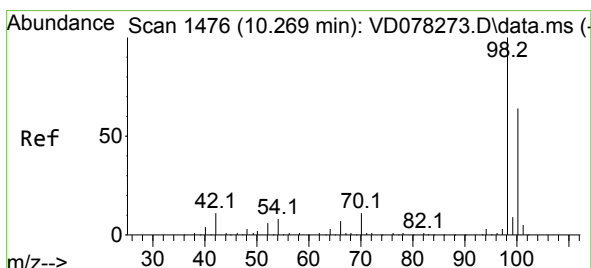
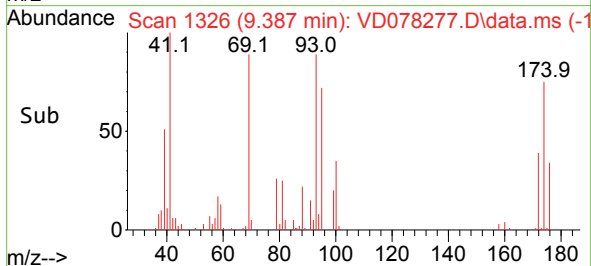
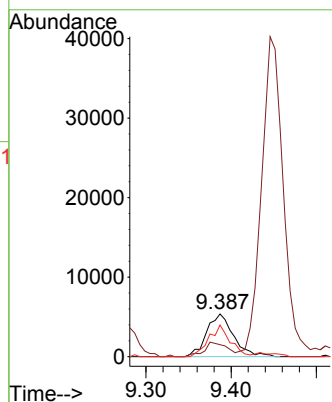
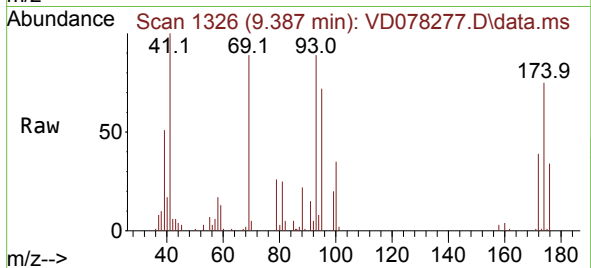
Tgt Ion: 88 Resp: 11767

Ion Ratio Lower Upper

88 100

43 28.8 19.0 28.6#

58 59.6 43.5 65.3



#50

Toluene-d8

Concen: 49.053 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078277.D

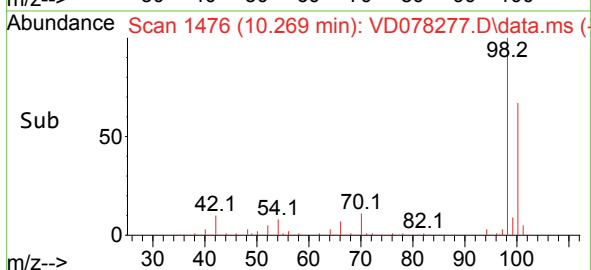
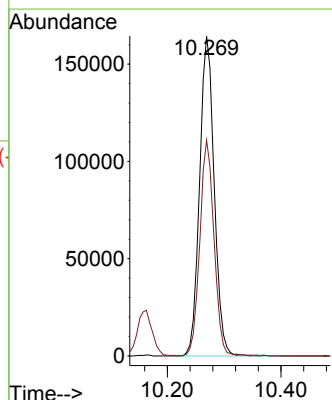
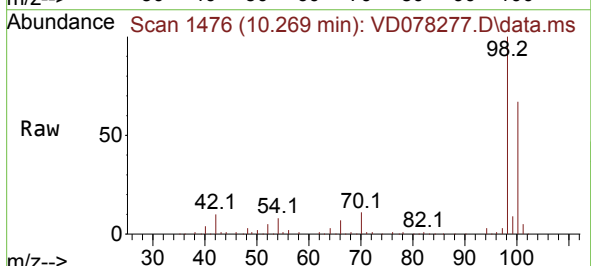
Acq: 30 Jan 2024 13:36

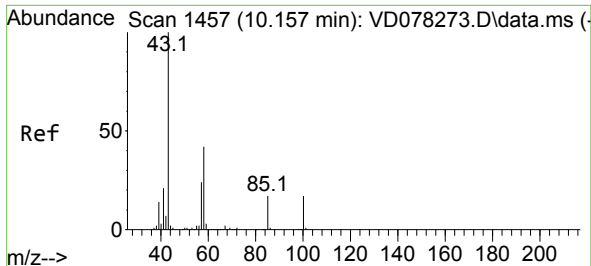
Tgt Ion: 98 Resp: 294010

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

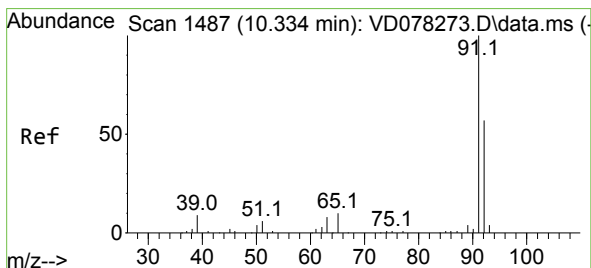
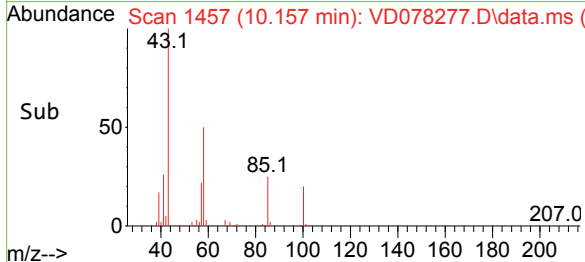
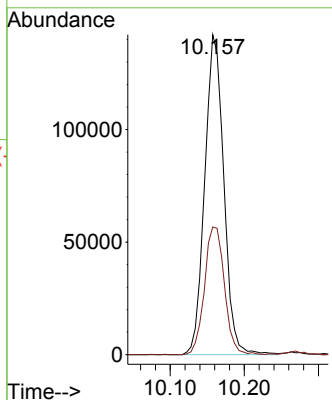
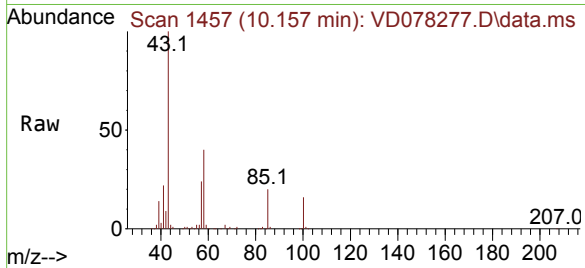




#51
4-Methyl-2-Pentanone
Concen: 259.437 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

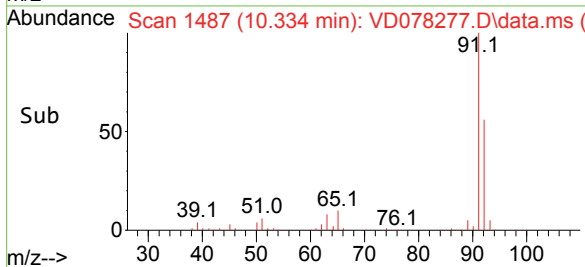
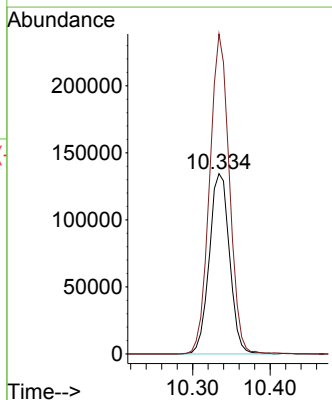
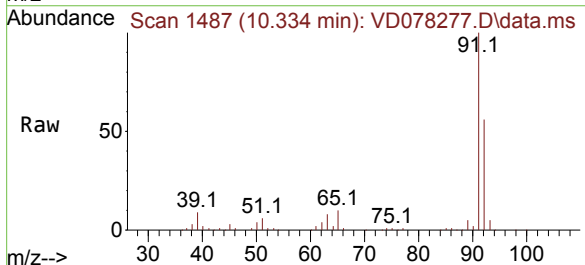
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

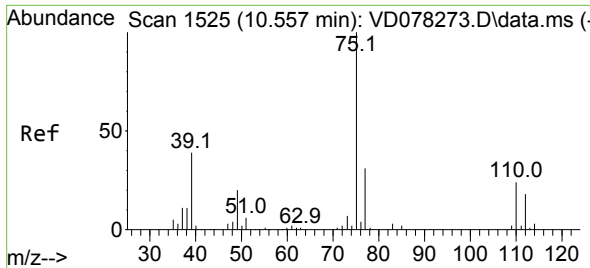
Tgt Ion: 43 Resp: 254250
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 52.480 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 92 Resp: 243825
Ion Ratio Lower Upper
92 100
91 173.0 143.0 214.4

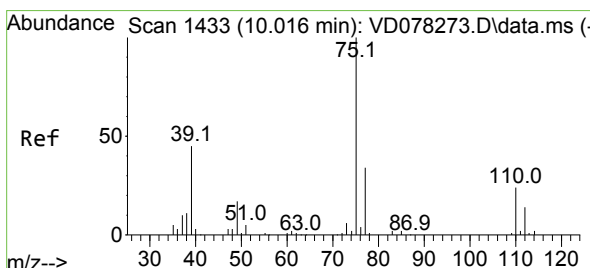
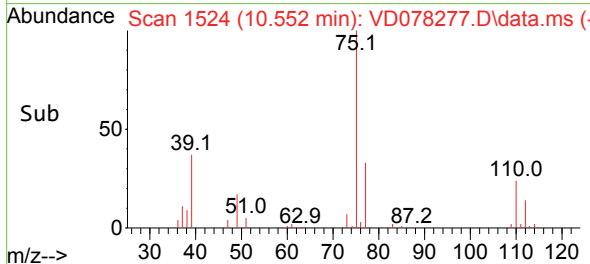
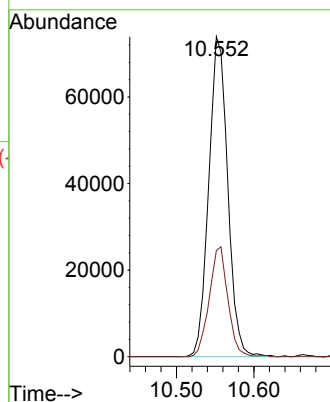
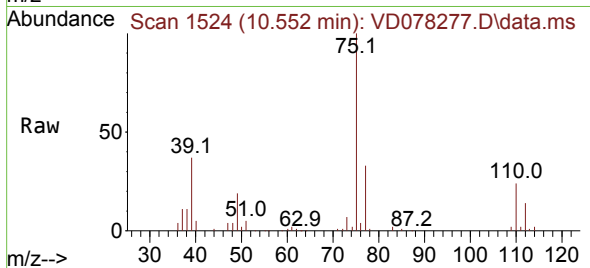




#53
 t-1,3-Dichloropropene
 Concen: 52.603 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

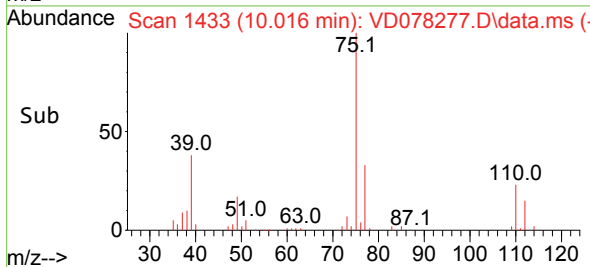
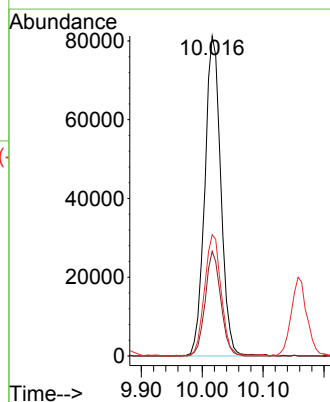
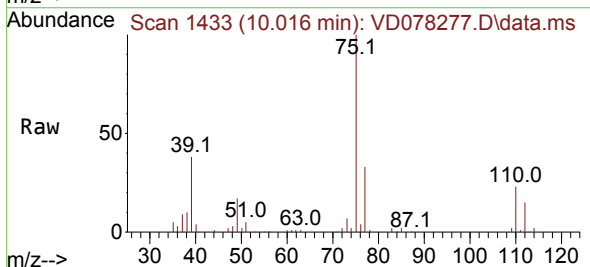
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD013024

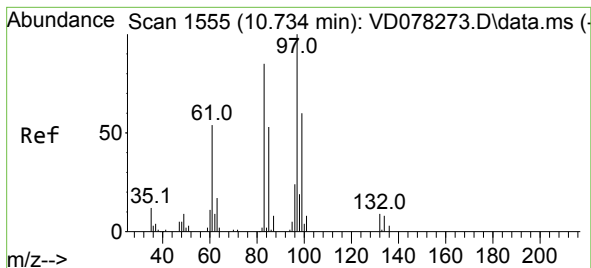
Tgt Ion: 75 Resp: 125613
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.493 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078277.D
 Acq: 30 Jan 2024 13:36

Tgt Ion: 75 Resp: 148400
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.5 38.3
 39 37.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 50.366 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

Tgt Ion: 97 Resp: 68295

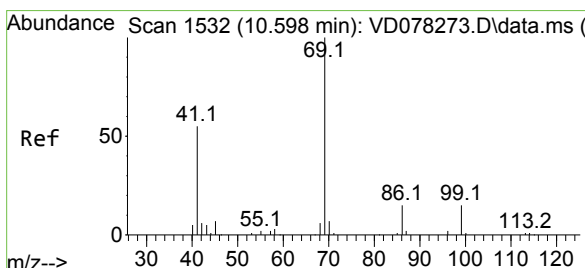
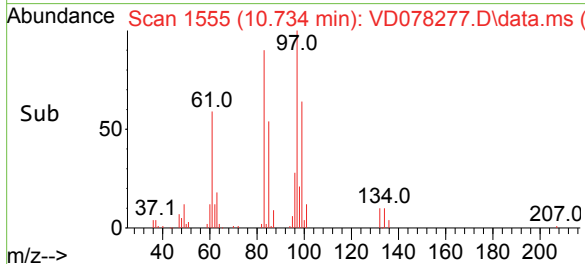
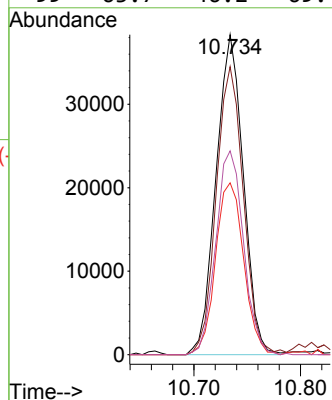
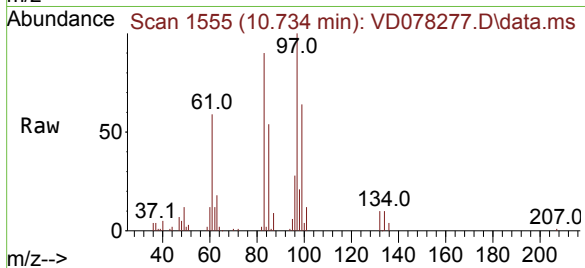
Ion Ratio Lower Upper

97 100

83 90.0 65.8 98.6

85 53.7 45.7 68.5

99 63.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 53.641 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

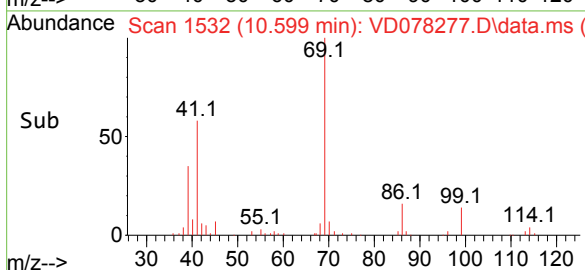
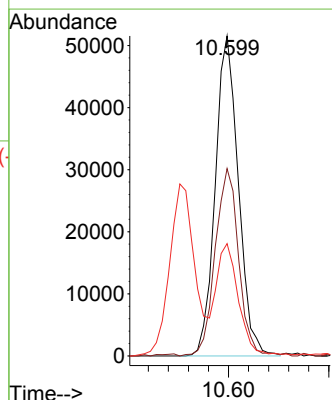
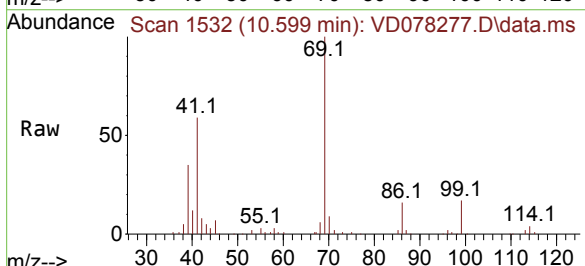
Tgt Ion: 69 Resp: 82502

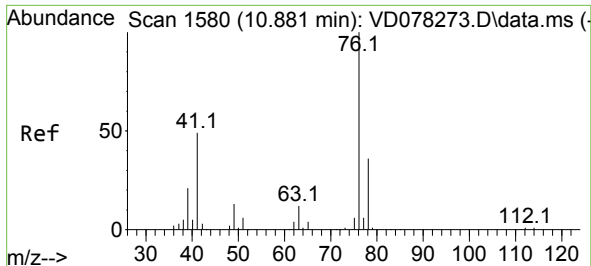
Ion Ratio Lower Upper

69 100

41 59.4 39.1 58.7#

39 32.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 50.775 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

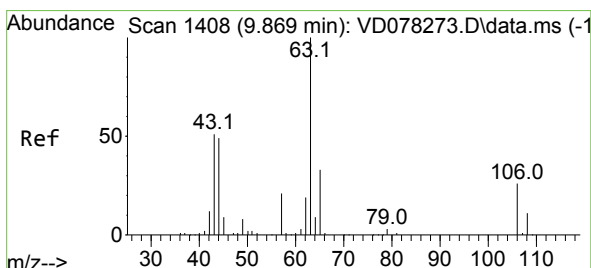
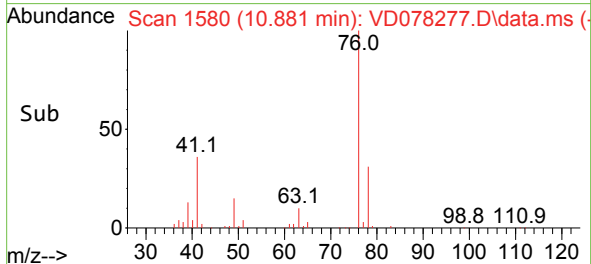
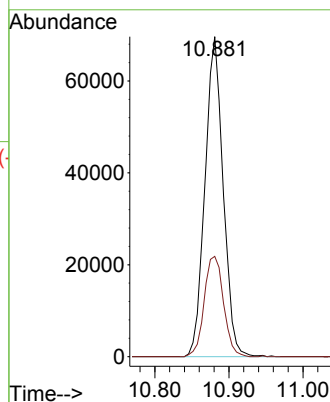
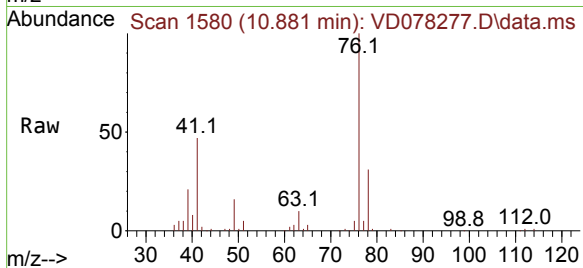
ICVVD013024

Tgt Ion: 76 Resp: 118716

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 276.816 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078277.D

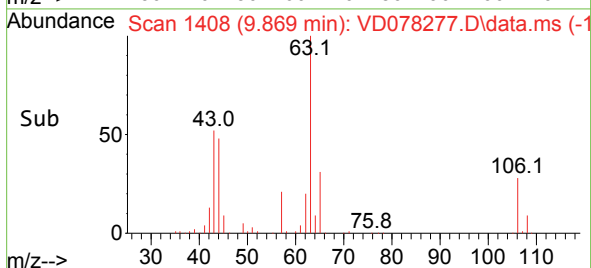
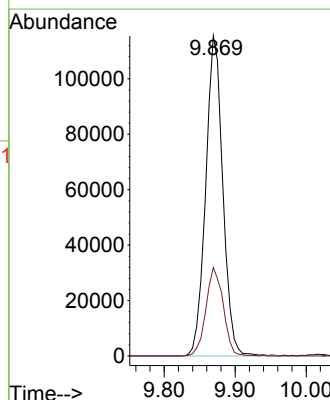
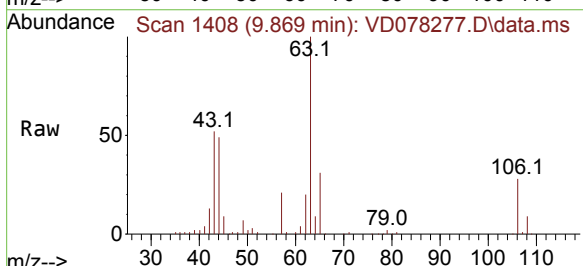
Acq: 30 Jan 2024 13:36

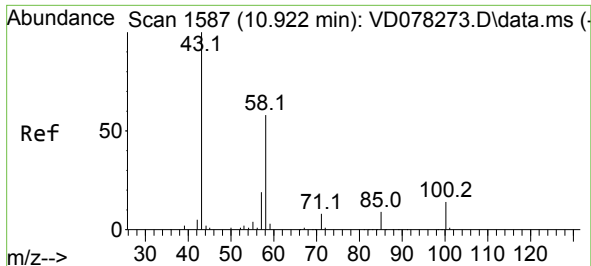
Tgt Ion: 63 Resp: 193614

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

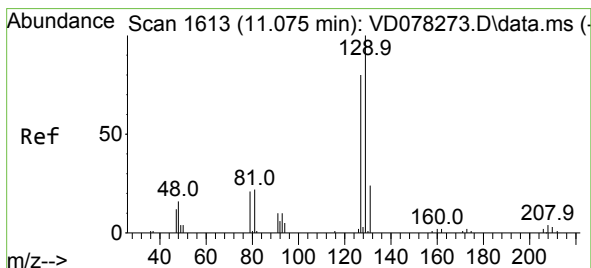
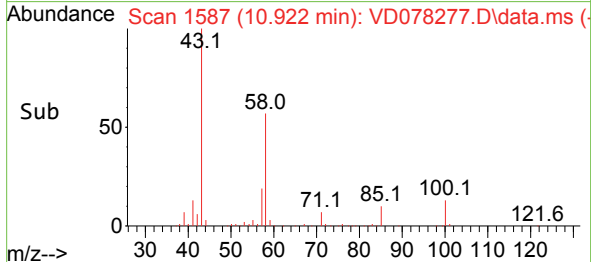
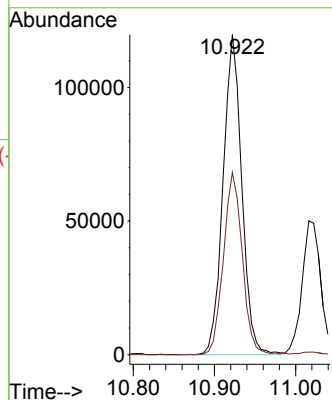
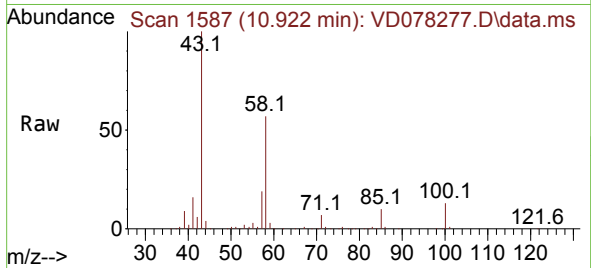




#59
2-Hexanone
Concen: 260.074 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

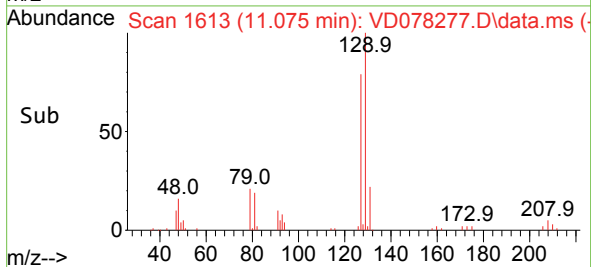
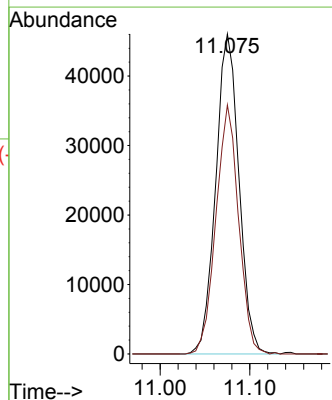
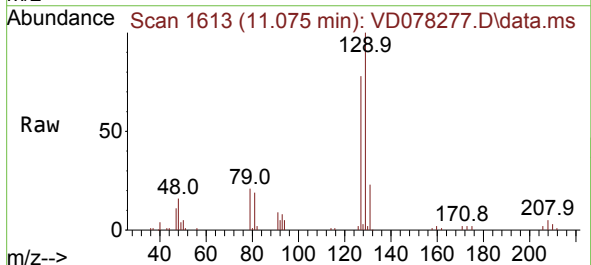
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

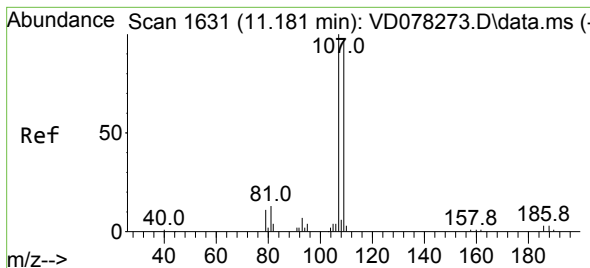
Tgt Ion: 43 Resp: 191954
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2



#60
Dibromochloromethane
Concen: 52.595 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 129 Resp: 82788
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5





#61

1,2-Dibromoethane

Concen: 50.958 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

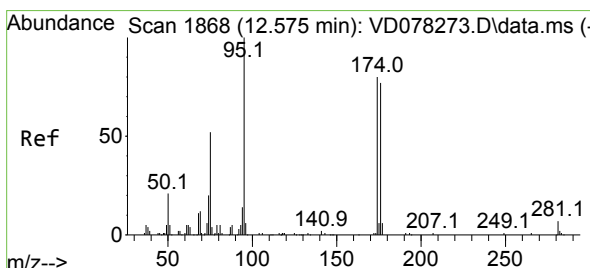
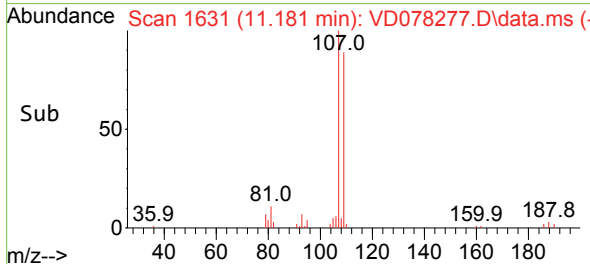
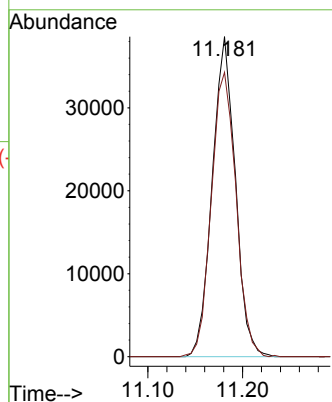
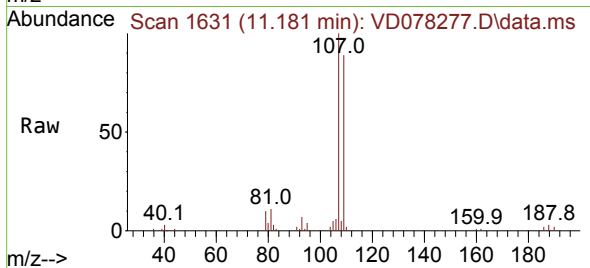
ICVVD013024

Tgt Ion:107 Resp: 65238

Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.115 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

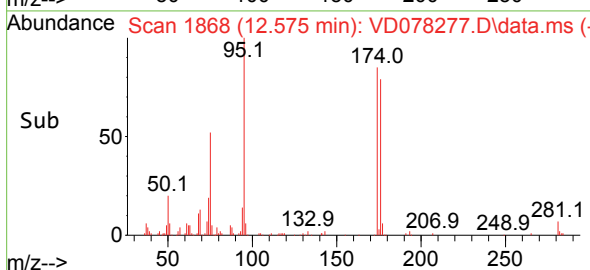
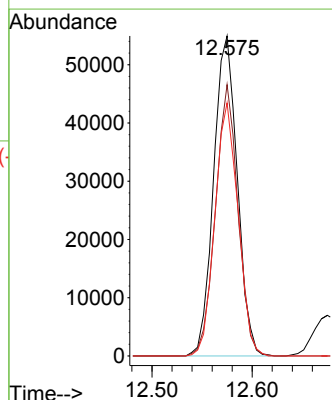
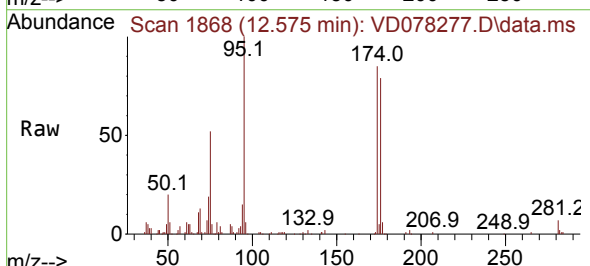
Tgt Ion: 95 Resp: 89953

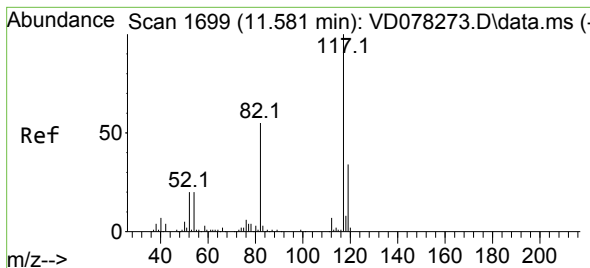
Ion Ratio Lower Upper

95 100

174 80.6 0.0 201.8

176 77.7 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: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

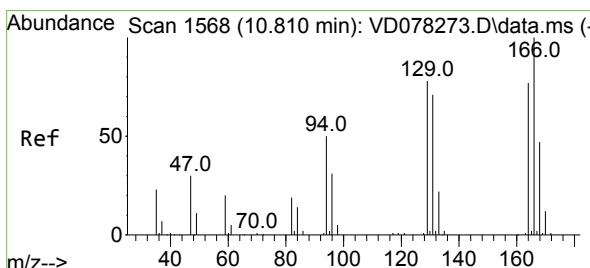
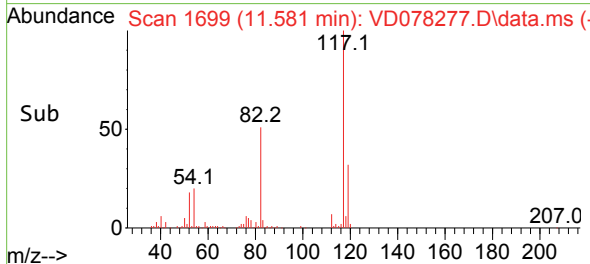
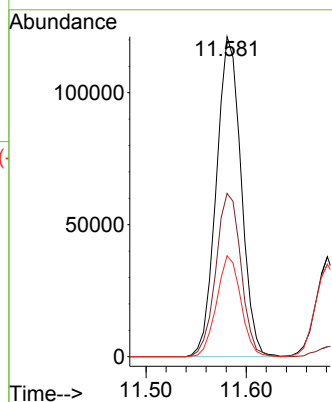
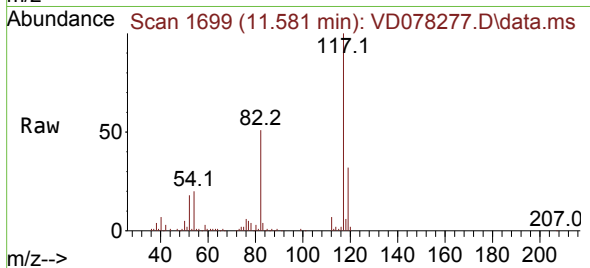
Tgt Ion:117 Resp: 208004

Ion Ratio Lower Upper

117 100

82 51.0 38.3 57.5

119 31.5 25.0 37.4



#64

Tetrachloroethene

Concen: 50.656 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Tgt Ion:164 Resp: 73489

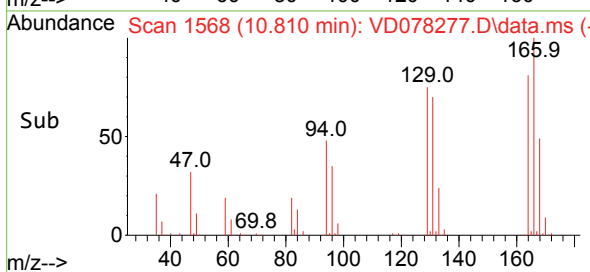
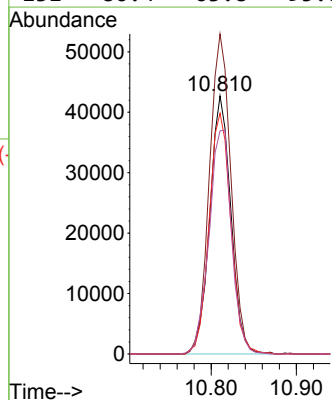
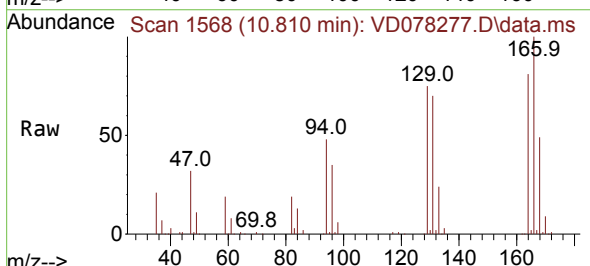
Ion Ratio Lower Upper

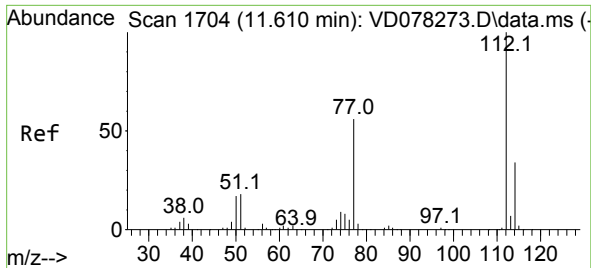
164 100

166 124.0 99.2 148.8

129 93.2 68.4 102.6

131 86.4 63.8 95.8

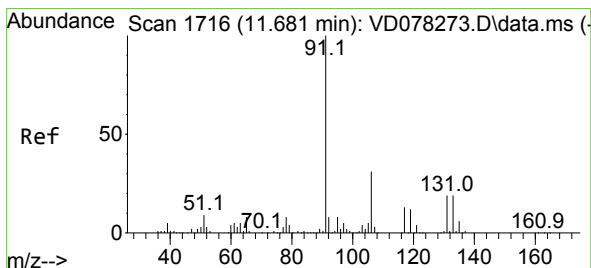
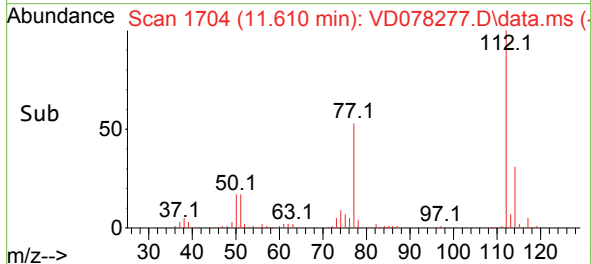
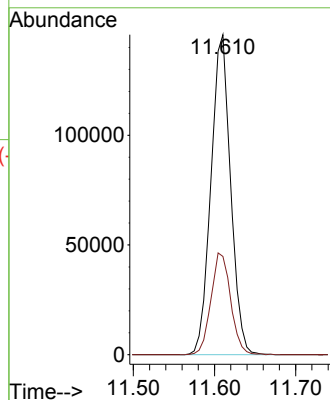
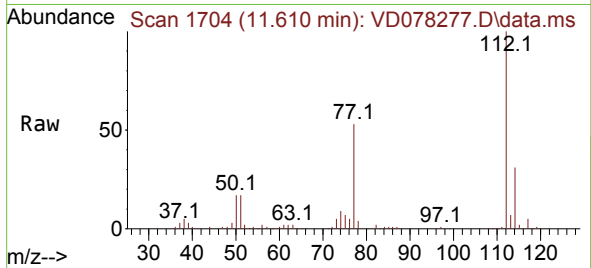




#65
Chlorobenzene
Concen: 49.219 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

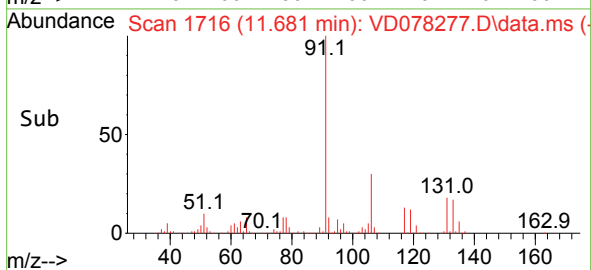
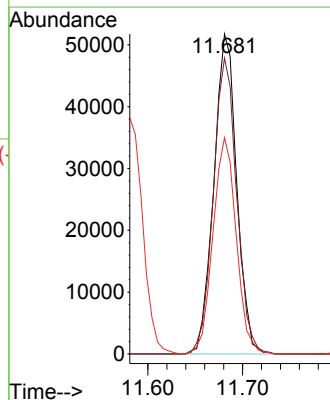
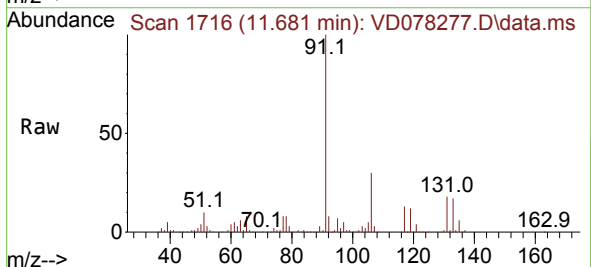
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

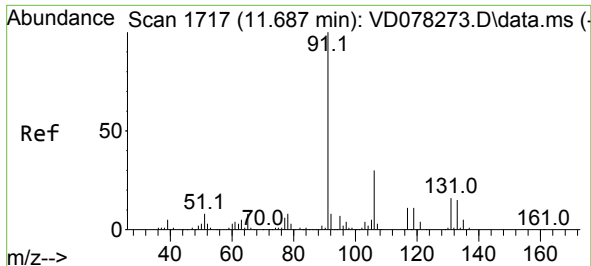
Tgt Ion:112 Resp: 244928
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.997 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:131 Resp: 86811
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.5
119 68.7 35.6 106.9

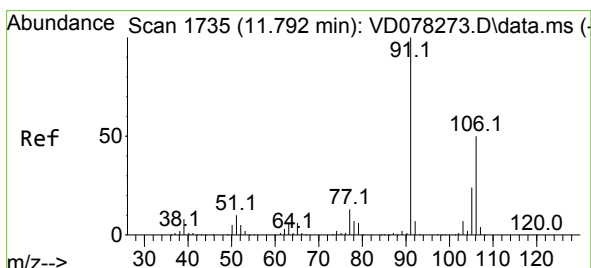
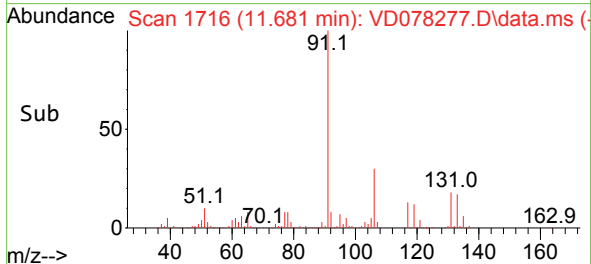
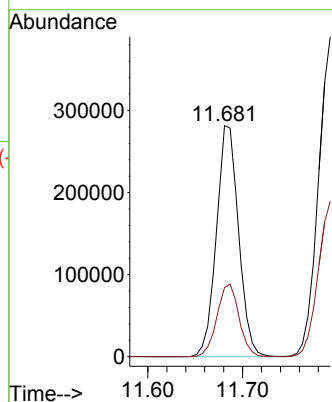
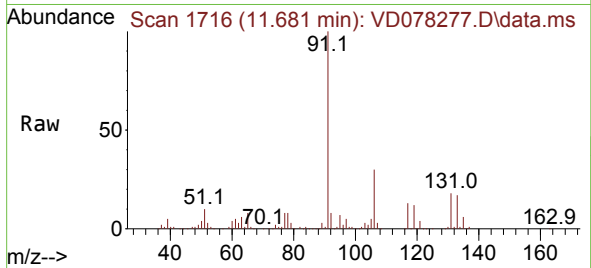




#67
Ethyl Benzene
Concen: 50.768 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

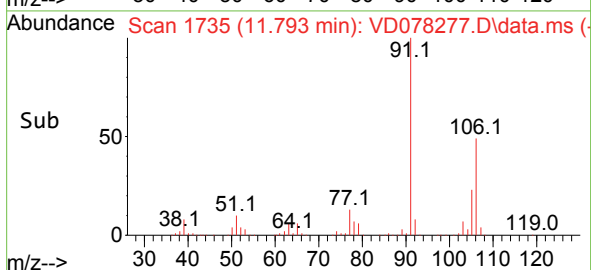
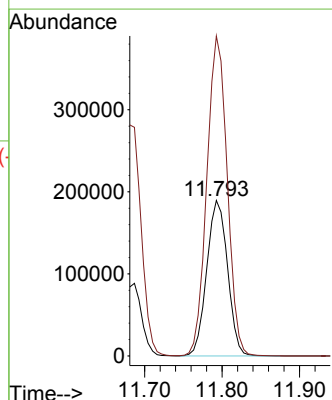
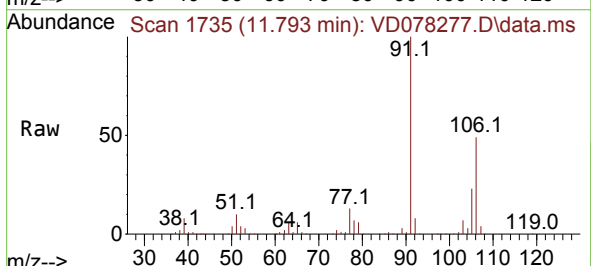
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

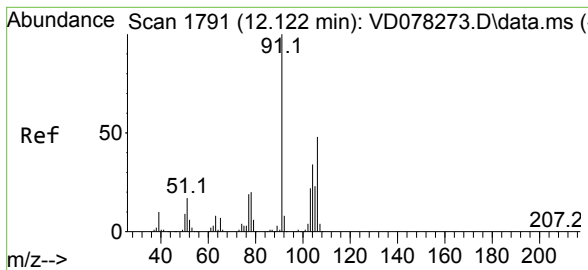
Tgt Ion: 91 Resp: 457631
Ion Ratio Lower Upper
91 100
106 29.8 26.5 39.7



#68
m/p-Xylenes
Concen: 101.872 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:106 Resp: 353287
Ion Ratio Lower Upper
106 100
91 201.7 147.0 220.6

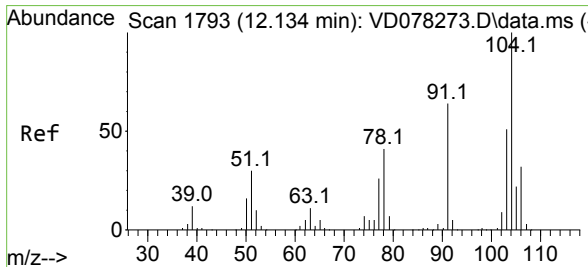
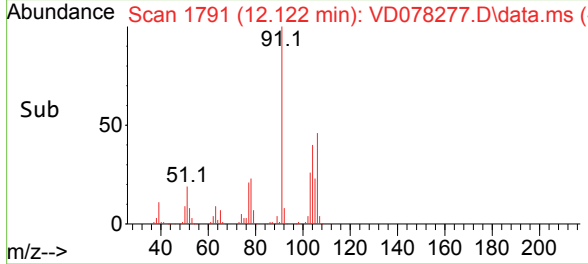
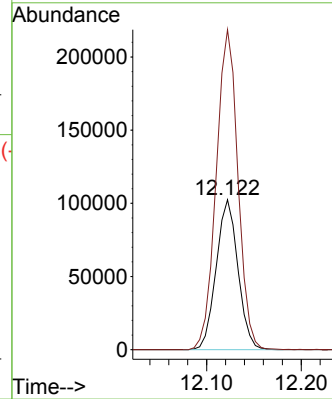
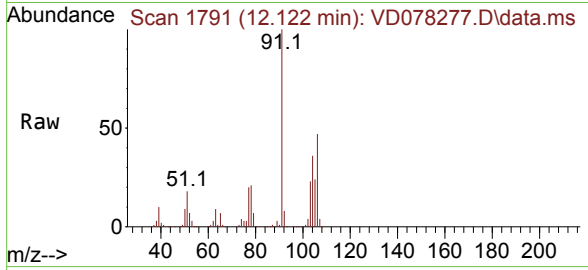




#69
o-Xylene
Concen: 51.388 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

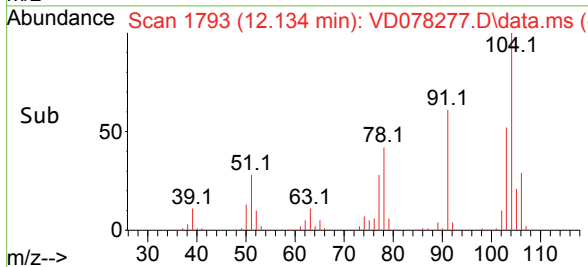
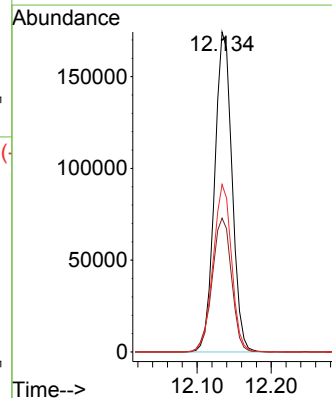
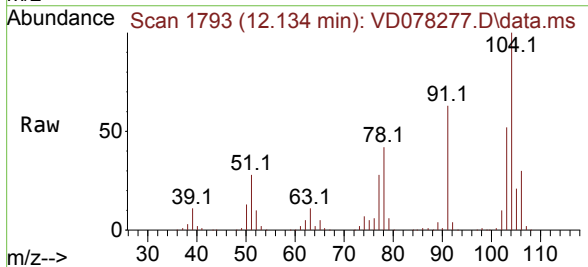
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

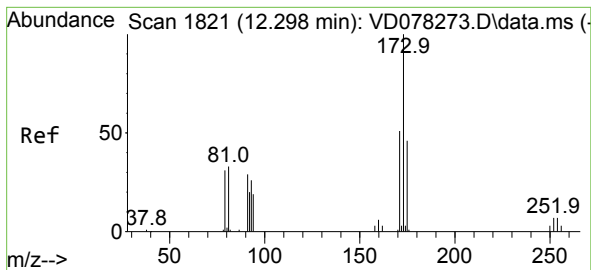
Tgt Ion:106 Resp: 163778
Ion Ratio Lower Upper
106 100
91 213.4 97.9 293.6



#70
Styrene
Concen: 52.342 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:104 Resp: 284882
Ion Ratio Lower Upper
104 100
78 46.7 33.2 49.8
103 55.4 43.6 65.4





#71

Bromoform

Concen: 50.749 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

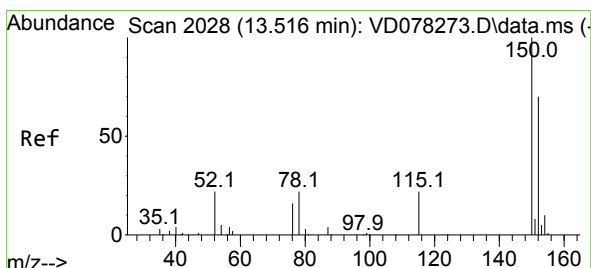
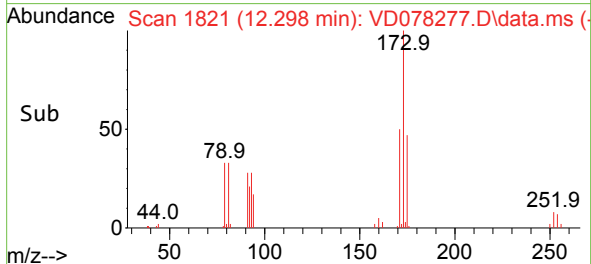
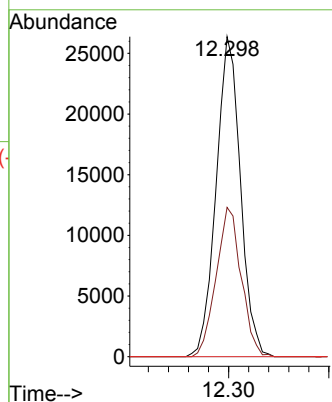
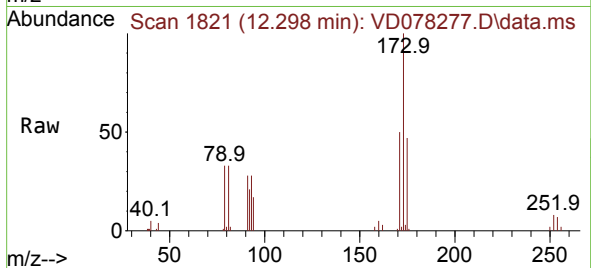
Tgt Ion:173 Resp: 44285

Ion Ratio Lower Upper

173 100

175 48.1 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: VD078277.D

Acq: 30 Jan 2024 13:36

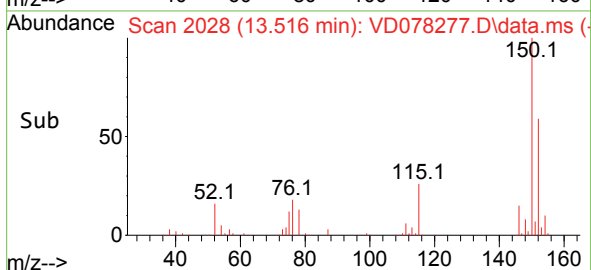
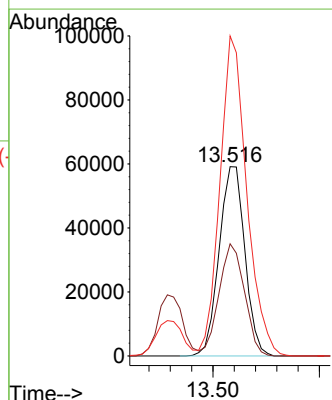
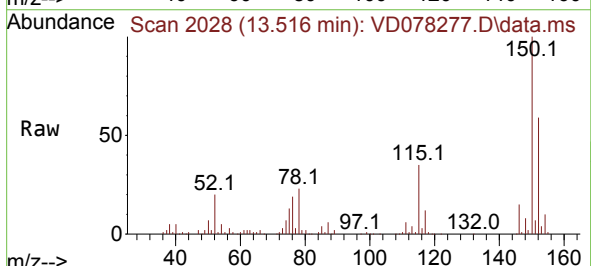
Tgt Ion:152 Resp: 99196

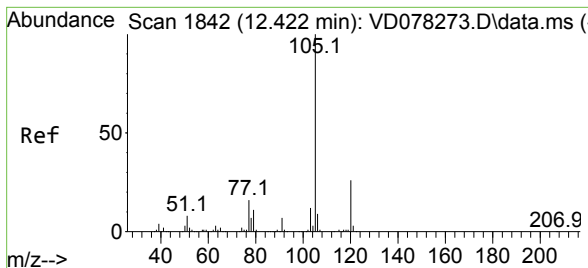
Ion Ratio Lower Upper

152 100

115 58.7 27.1 81.3

150 175.9 0.0 353.6





#73

Isopropylbenzene

Concen: 51.188 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

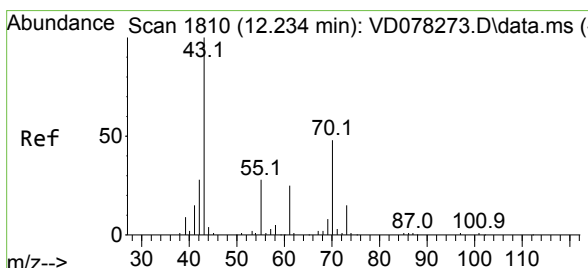
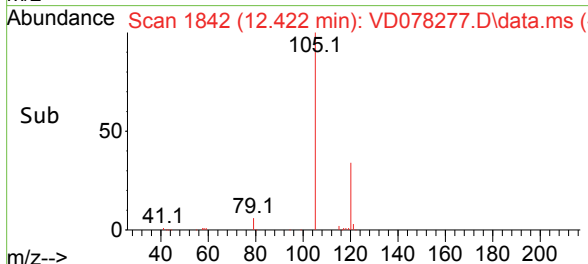
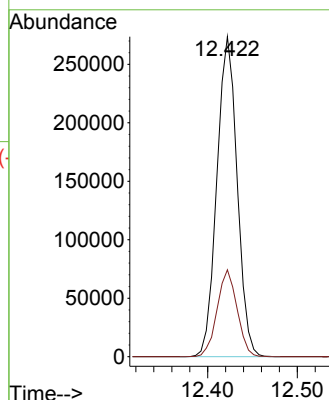
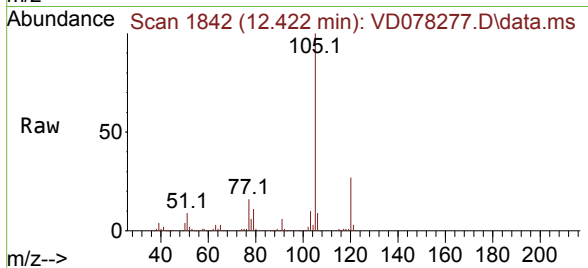
ICVVD013024

Tgt Ion:105 Resp: 429615

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 51.438 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Tgt Ion: 43 Resp: 89287

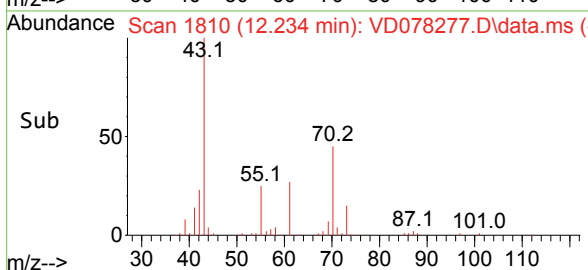
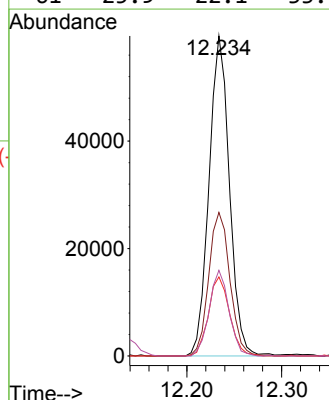
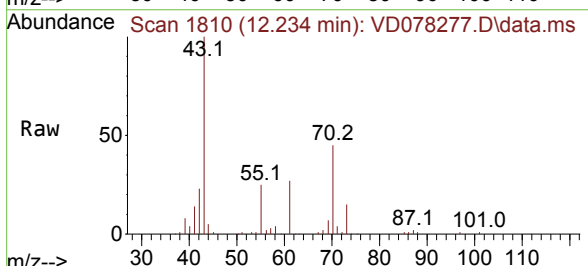
Ion Ratio Lower Upper

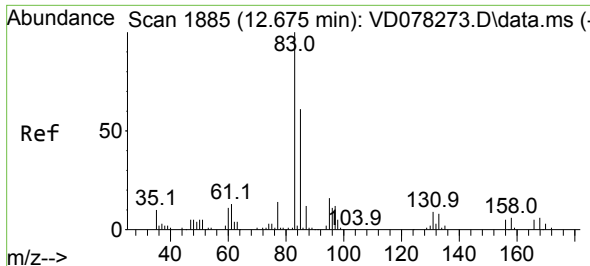
43 100

70 46.5 45.0 67.4

55 25.5 23.8 35.6

61 25.9 22.1 33.1

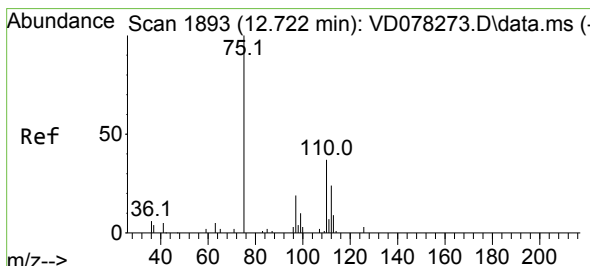
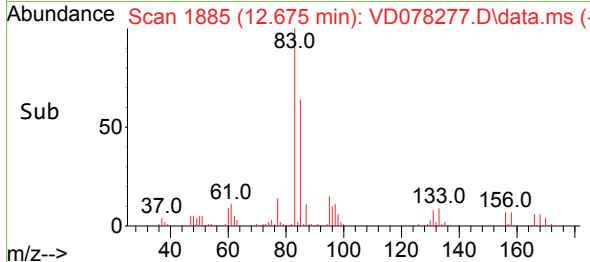
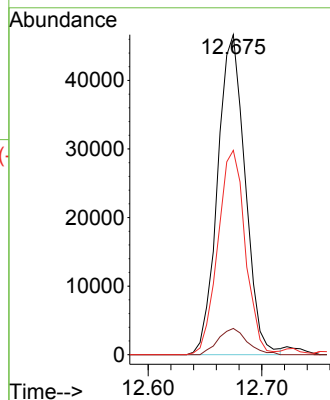
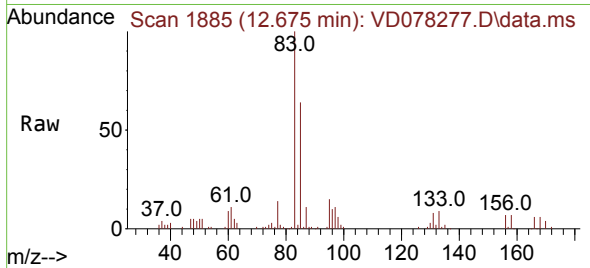




#75
1,1,2,2-Tetrachloroethane
Concen: 48.491 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

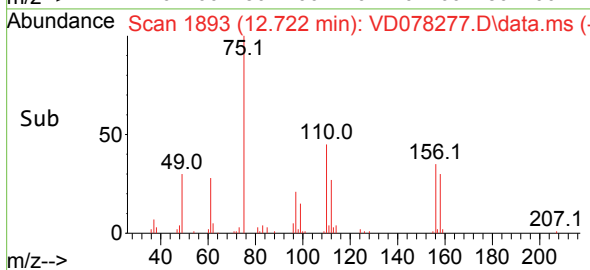
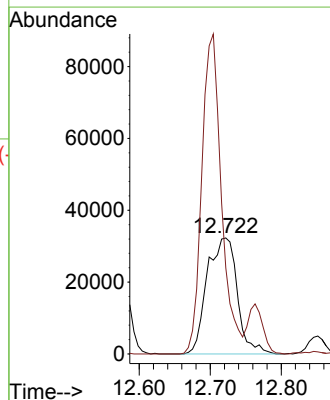
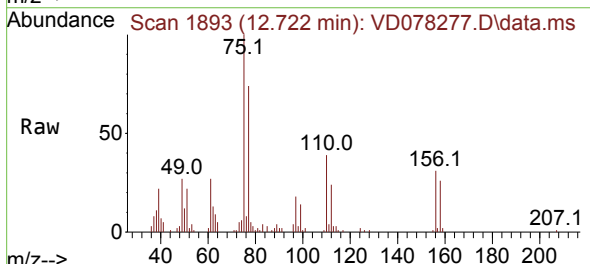
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

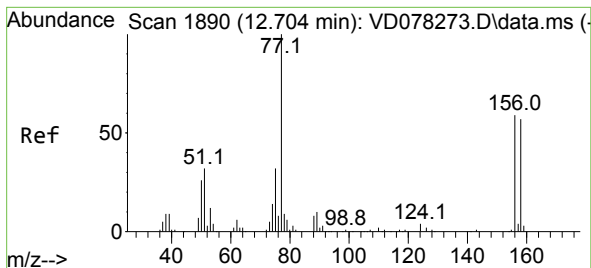
Tgt Ion: 83 Resp: 78593
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 91.708 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 75 Resp: 95082
Ion Ratio Lower Upper
75 100
77 180.7 0.0 0.0#





#77

Bromobenzene

Concen: 49.850 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

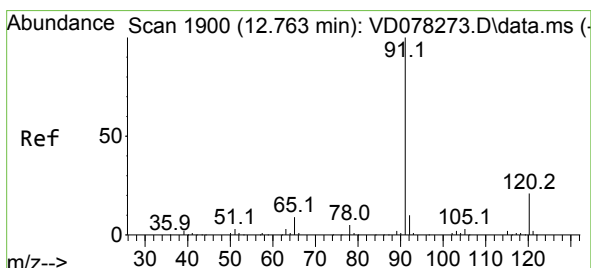
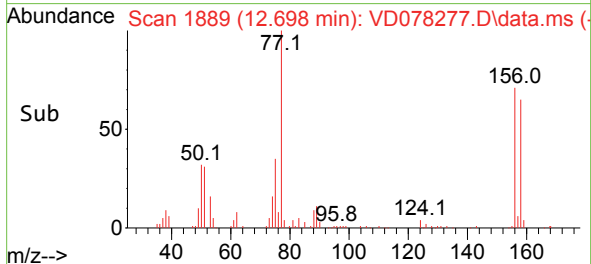
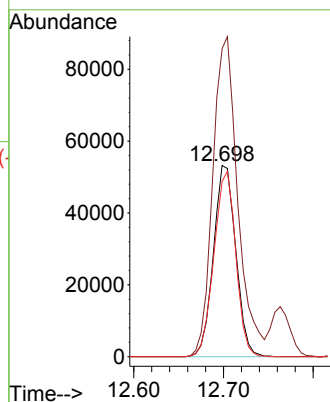
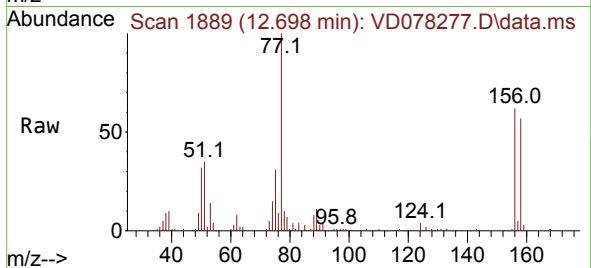
Tgt Ion:156 Resp: 92069

Ion Ratio Lower Upper

156 100

77 186.7 76.8 230.4

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 51.651 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078277.D

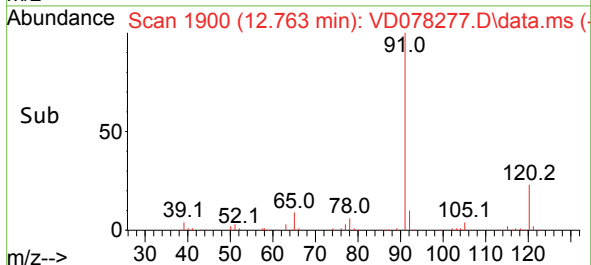
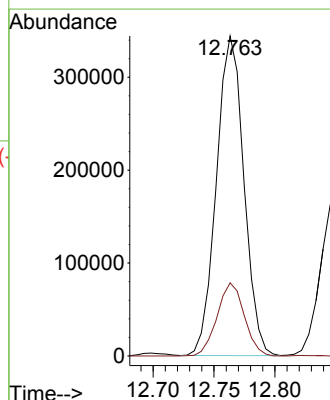
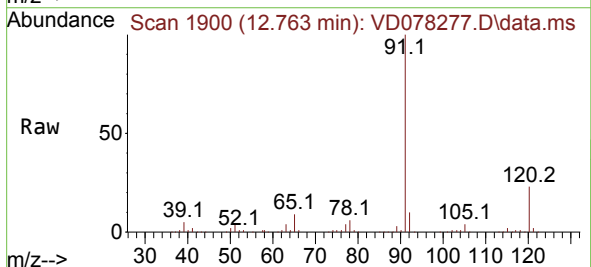
Acq: 30 Jan 2024 13:36

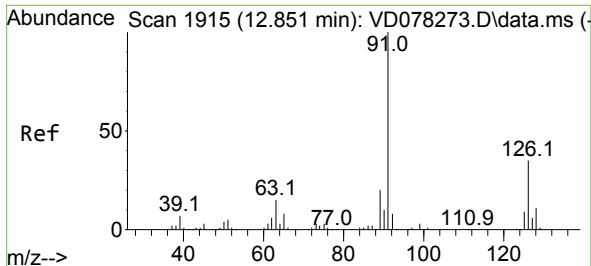
Tgt Ion: 91 Resp: 540009

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2

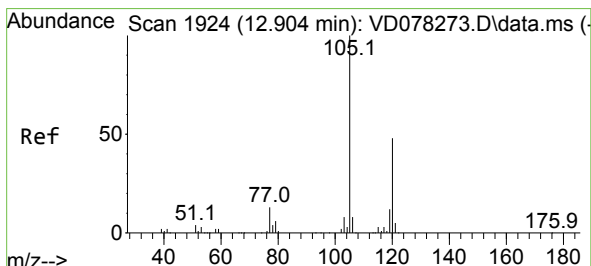
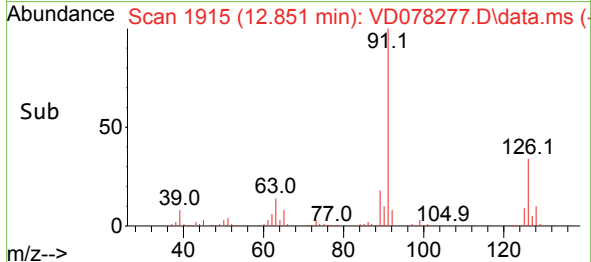
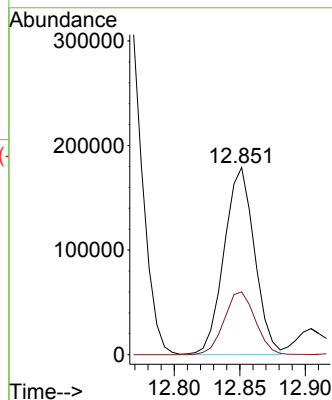
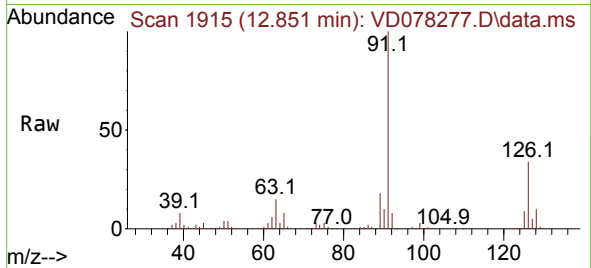




#79
2-Chlorotoluene
Concen: 51.459 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

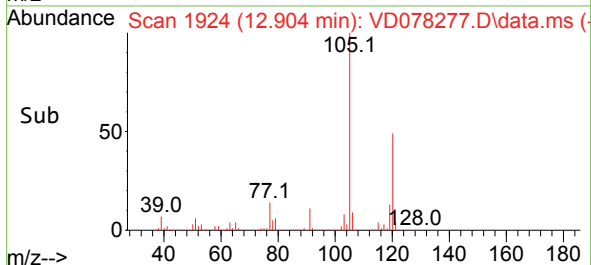
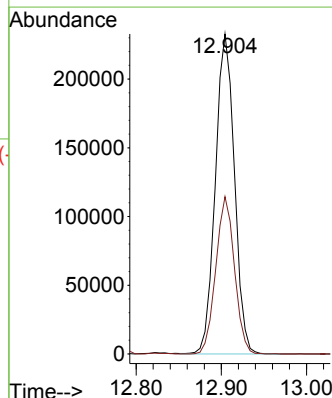
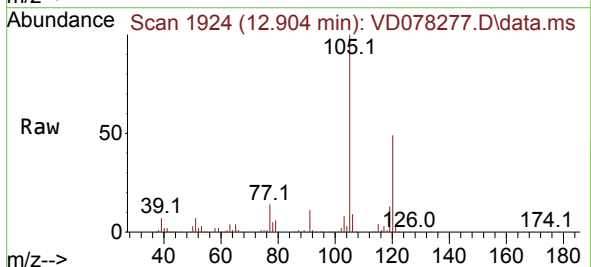
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

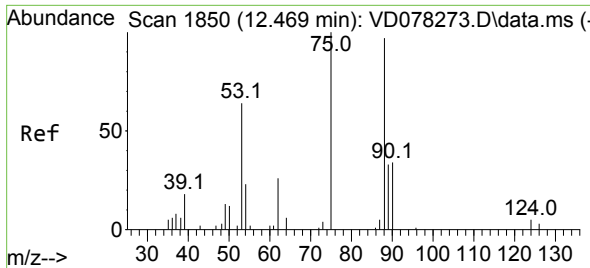
Tgt Ion: 91 Resp: 288000
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.985 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 105 Resp: 361765
Ion Ratio Lower Upper
105 100
120 48.1 26.4 79.2

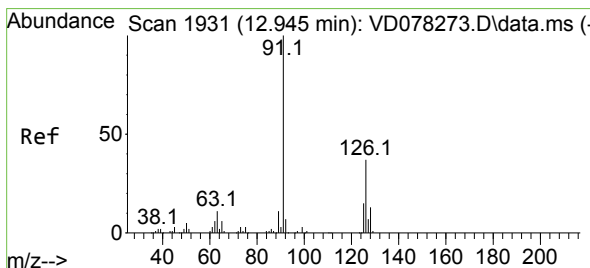
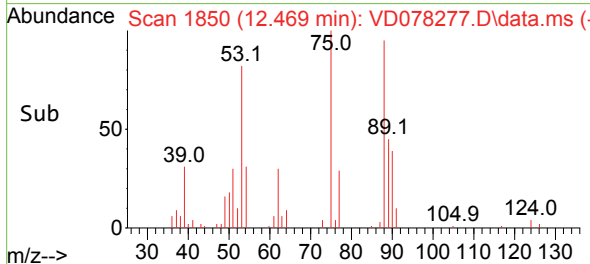
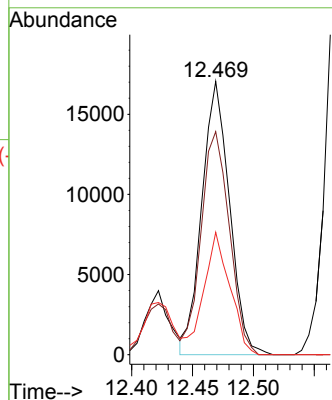
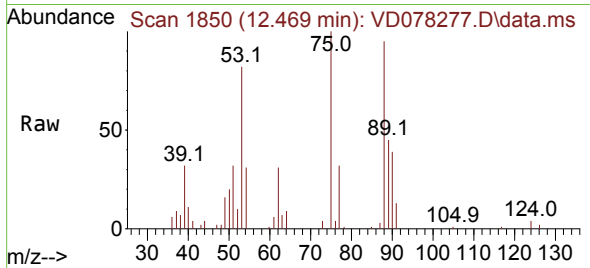




#81
trans-1,4-Dichloro-2-butene
Concen: 51.691 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

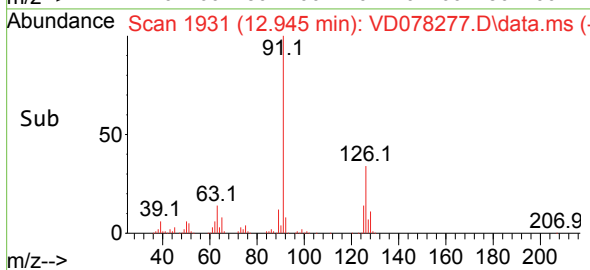
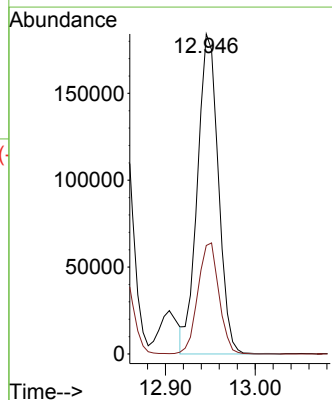
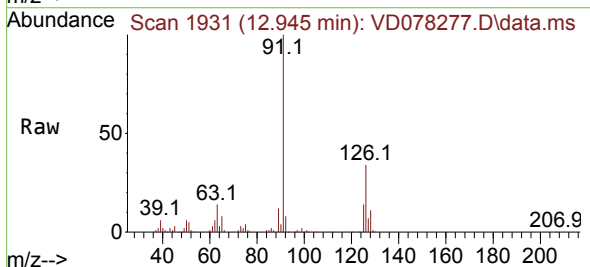
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

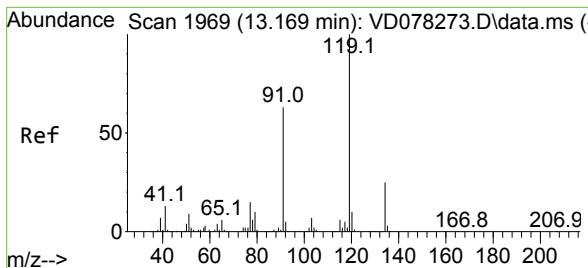
Tgt Ion:	75	Resp:	26947
Ion Ratio	Lower	Upper	
75	100		
53	83.8	63.0	94.4
89	42.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 49.939 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:	91	Resp:	297961
Ion Ratio	Lower	Upper	
91	100		
126	35.0	19.4	58.4





#83

tert-Butylbenzene

Concen: 51.376 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

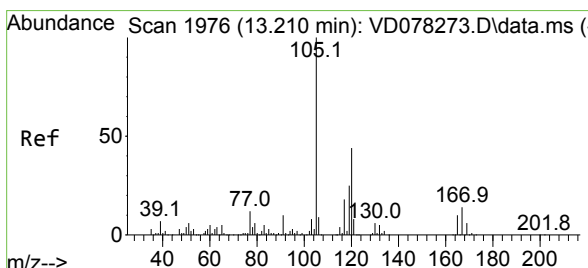
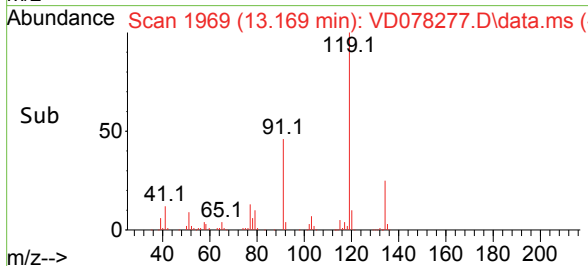
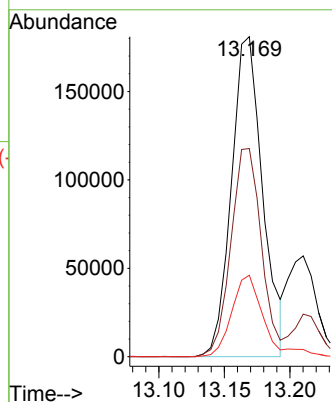
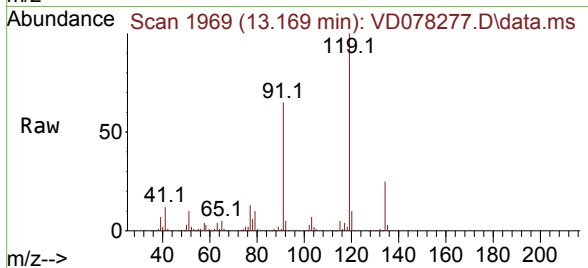
Tgt Ion:119 Resp: 299315

Ion Ratio Lower Upper

119 100

91 63.5 29.3 87.8

134 26.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.905 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078277.D

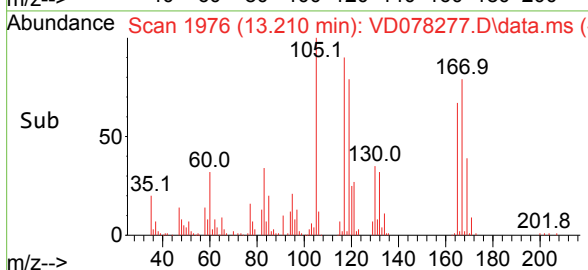
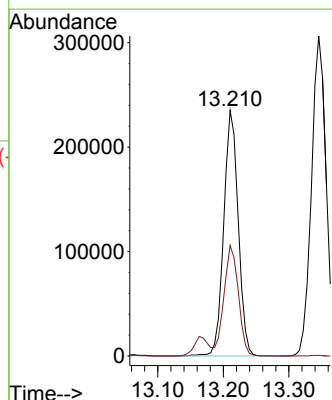
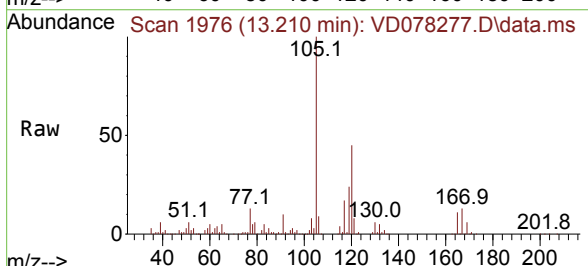
Acq: 30 Jan 2024 13:36

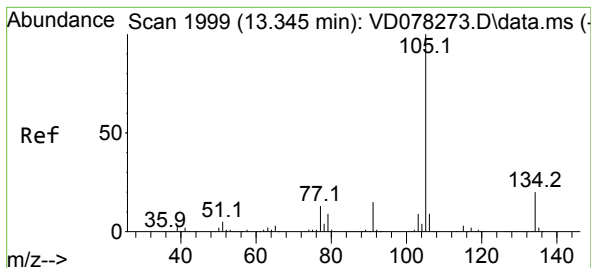
Tgt Ion:105 Resp: 358551

Ion Ratio Lower Upper

105 100

120 44.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 51.891 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

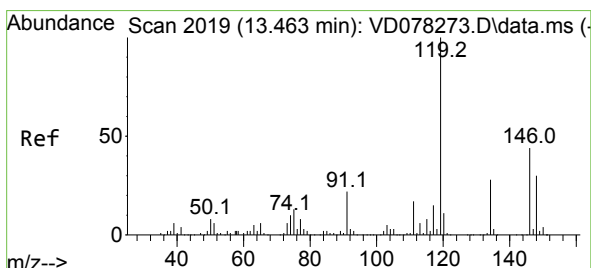
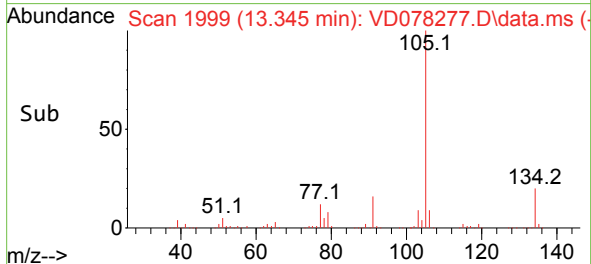
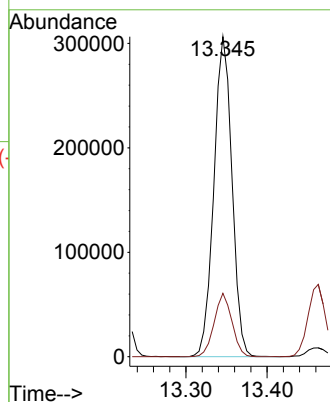
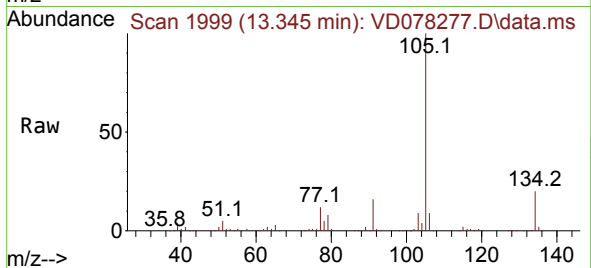
ICVVD013024

Tgt Ion:105 Resp: 474465

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.099 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

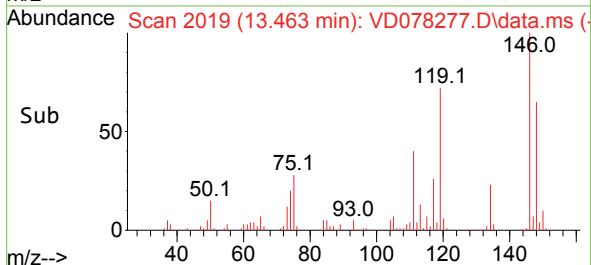
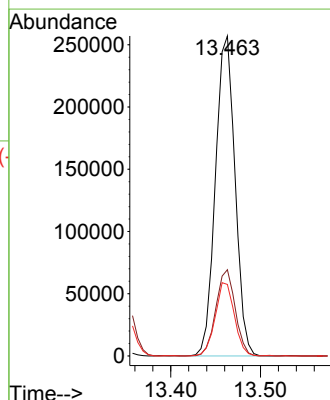
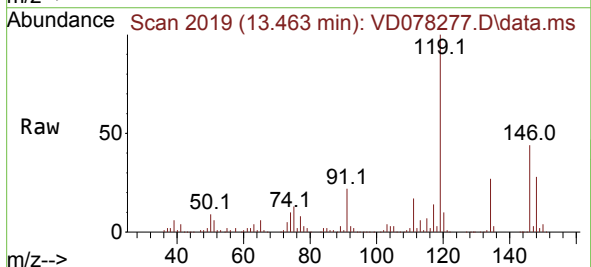
Tgt Ion:119 Resp: 390174

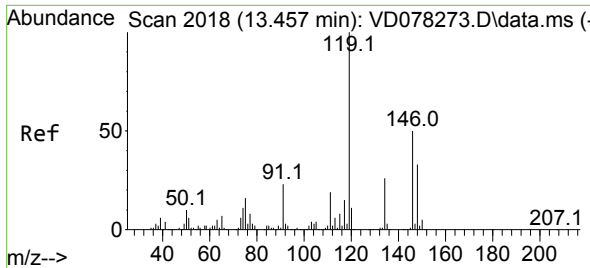
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 22.6 10.5 31.5

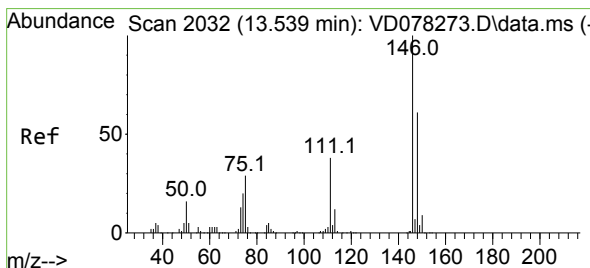
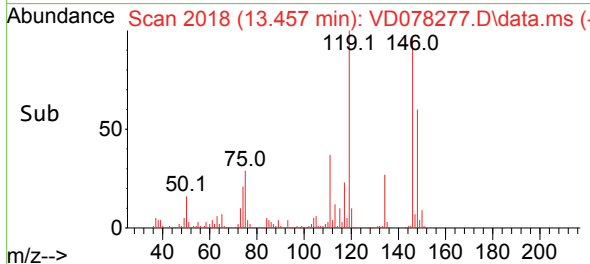
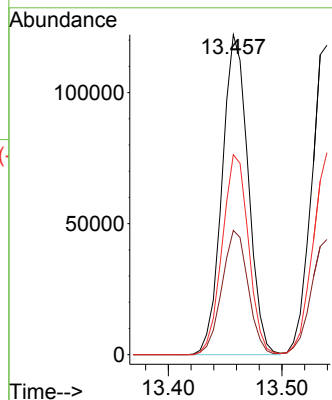
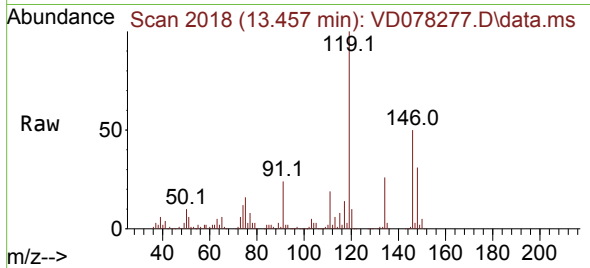




#87
1,3-Dichlorobenzene
Concen: 50.792 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

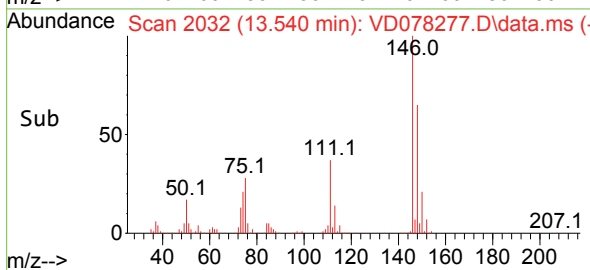
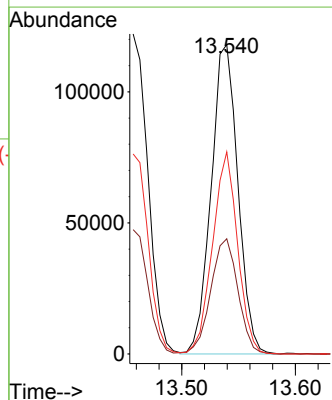
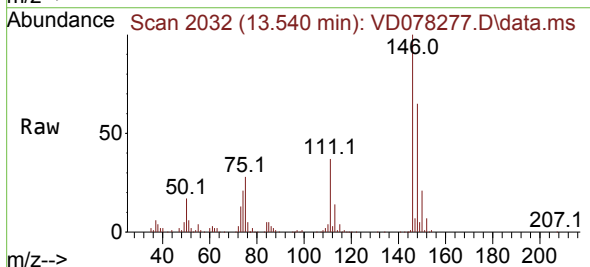
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

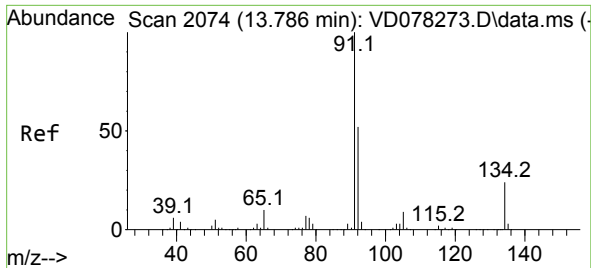
Tgt Ion:146 Resp: 194889
Ion Ratio Lower Upper
146 100
111 39.1 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 50.933 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:146 Resp: 193357
Ion Ratio Lower Upper
146 100
111 38.0 17.4 52.3
148 61.2 31.7 95.1

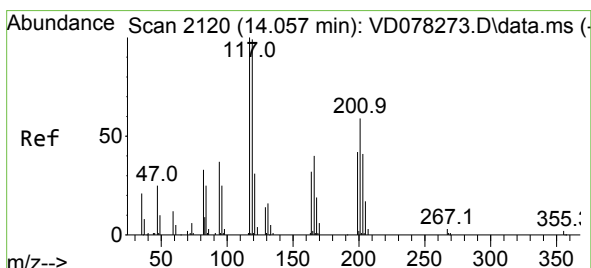
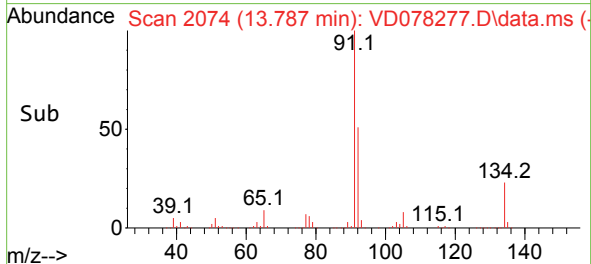
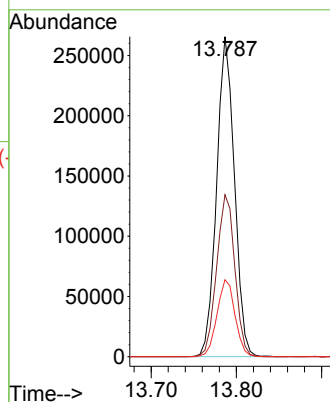
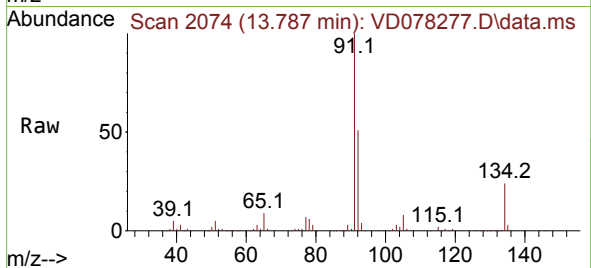




#89
n-Butylbenzene
Concen: 52.900 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

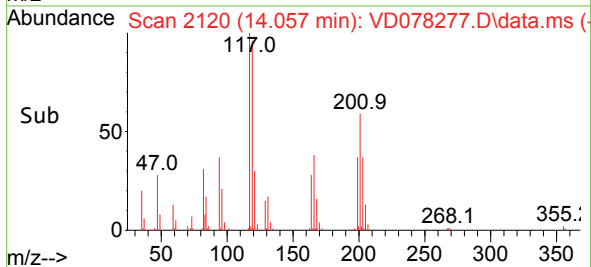
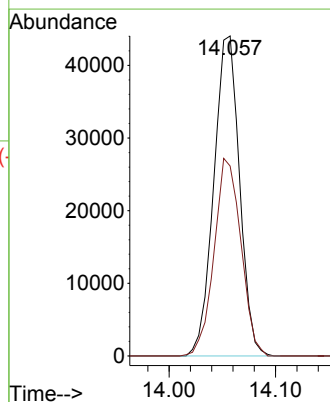
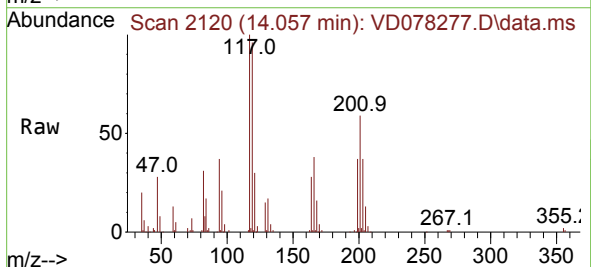
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

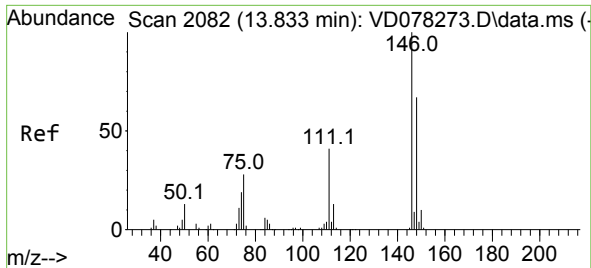
Tgt Ion: 91 Resp: 386051
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 24.3 13.8 41.3



#90
Hexachloroethane
Concen: 49.373 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 117 Resp: 73855
Ion Ratio Lower Upper
117 100
201 64.4 38.5 115.5

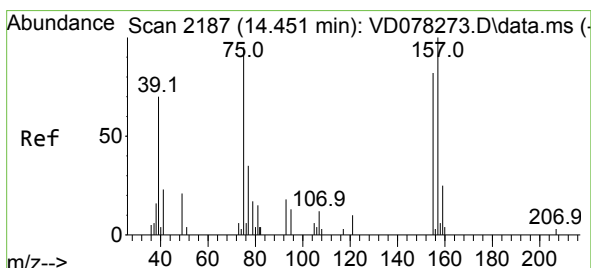
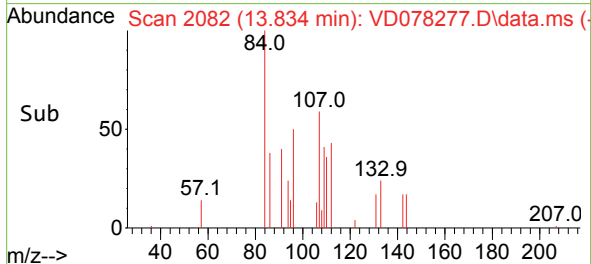
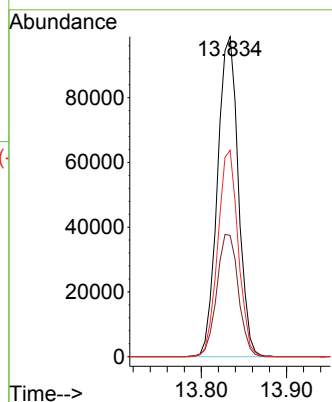
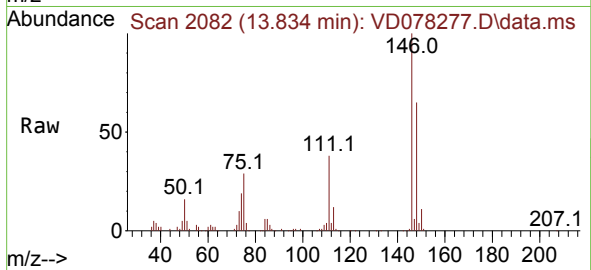




#91
1,2-Dichlorobenzene
Concen: 51.082 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

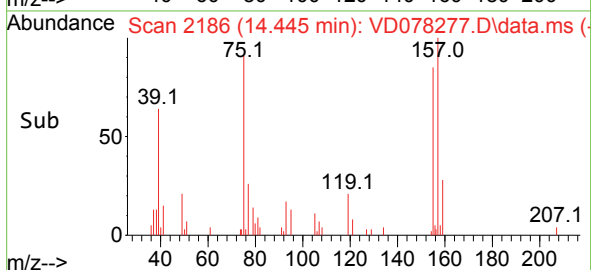
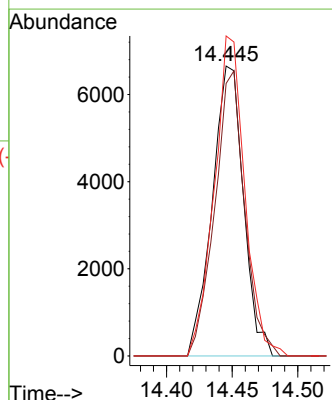
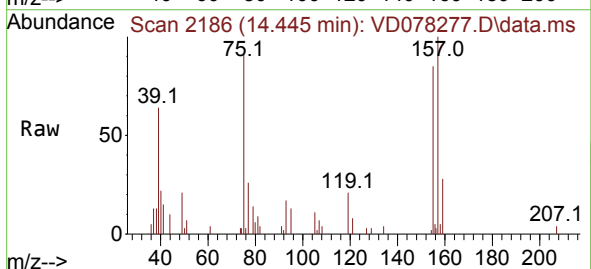
Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

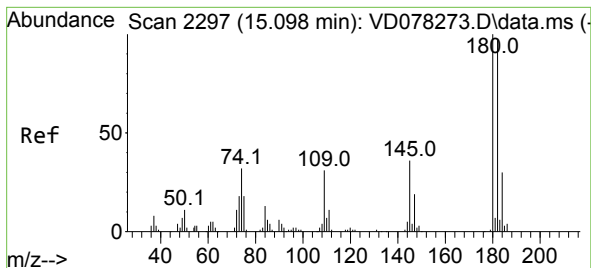
Tgt Ion:146 Resp: 167678
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 63.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.530 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion: 75 Resp: 11026
Ion Ratio Lower Upper
75 100
155 94.0 47.9 143.8
157 107.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.479 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD013024

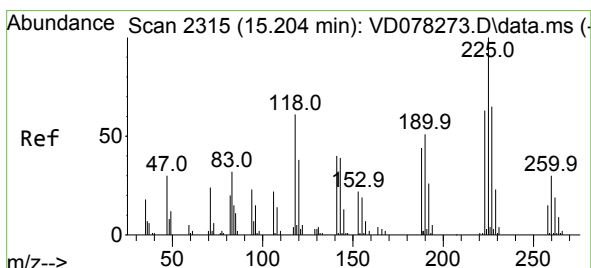
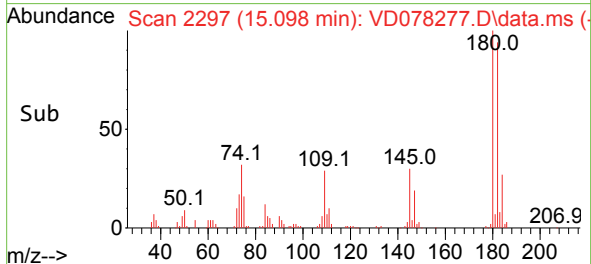
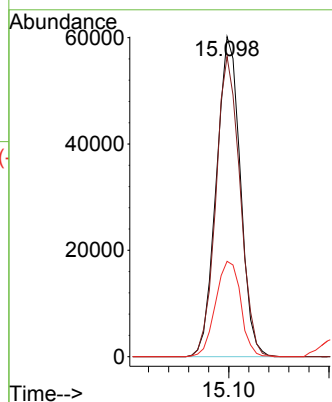
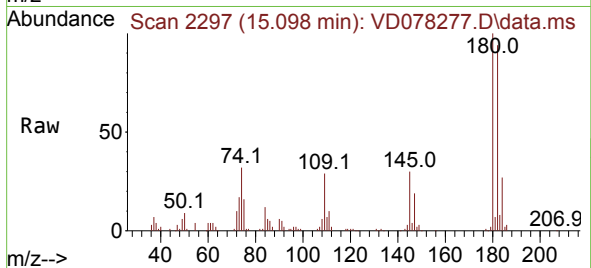
Tgt Ion:180 Resp: 99642

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 31.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.064 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078277.D

Acq: 30 Jan 2024 13:36

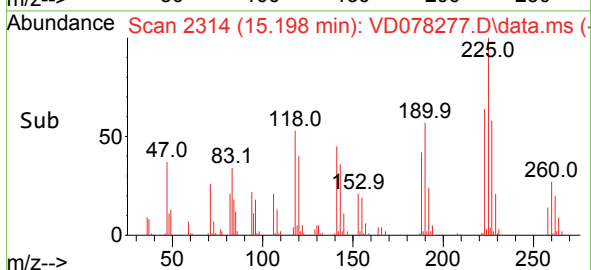
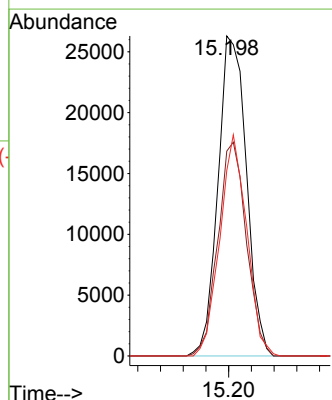
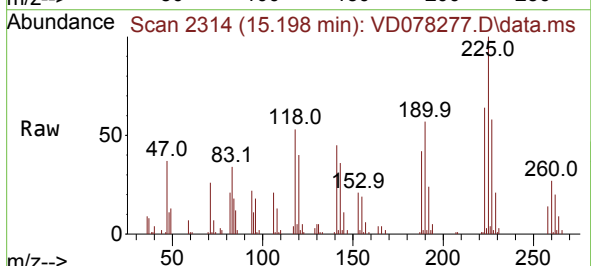
Tgt Ion:225 Resp: 45648

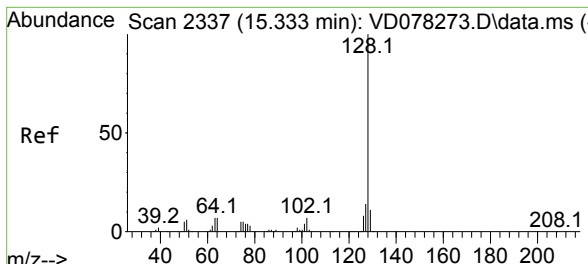
Ion Ratio Lower Upper

225 100

223 67.0 31.6 94.8

227 65.5 31.7 95.1

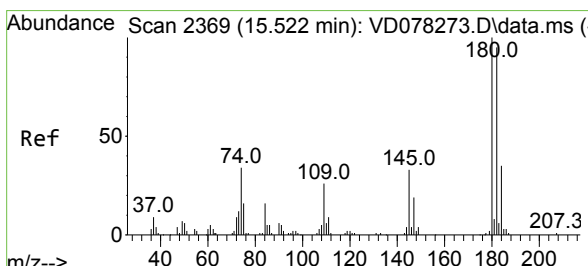
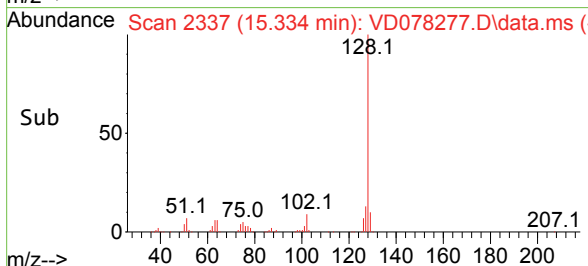
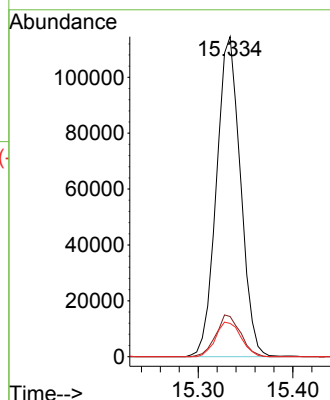
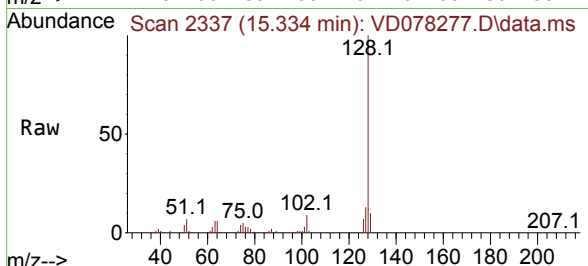




#95
Naphthalene
Concen: 53.310 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

Tgt Ion:128 Resp: 201815
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.234 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078277.D
Acq: 30 Jan 2024 13:36

Tgt Ion:180 Resp: 85652
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 33.9 15.1 45.3

