

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078279.D
 Acq On : 30 Jan 2024 15:14
 Operator : RP/MD
 Sample : VD0130SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Quant Time: Jan 31 00:57:53 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	7.881	168	109856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	206240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	89224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74554	54.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.804	113	74862	50.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.269	98	292551	52.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.575	95	88361	53.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	29733	23.633	ug/l	100
3) Chloromethane	2.152	50	51496	22.534	ug/l	97
4) Vinyl Chloride	2.287	62	63925	21.206	ug/l	98
5) Bromomethane	2.687	94	37705	20.661	ug/l	98
6) Chloroethane	2.834	64	45303	21.758	ug/l	98
7) Trichlorofluoromethane	3.175	101	53627	21.012	ug/l	100
8) Diethyl Ether	3.599	74	16366	21.677	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	32567	20.793	ug/l	94
10) Methyl Iodide	4.169	142	25522	17.913	ug/l	91
11) Tert butyl alcohol	5.069	59	9779	112.732	ug/l	96
12) 1,1-Dichloroethene	3.940	96	32092	21.235	ug/l	90
13) Acrolein	3.799	56	12563	119.147	ug/l	98
14) Allyl chloride	4.558	41	40364	20.257	ug/l	88
15) Acrylonitrile	5.263	53	35912	107.614	ug/l	96
16) Acetone	4.016	43	41303	122.027	ug/l #	79
17) Carbon Disulfide	4.269	76	108555	21.277	ug/l #	95
18) Methyl Acetate	4.569	43	13870	19.135	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	68082	21.661	ug/l	95
20) Methylene Chloride	4.805	84	43680	25.099	ug/l #	87
21) trans-1,2-Dichloroethene	5.316	96	35497	20.773	ug/l #	84
22) Diisopropyl ether	6.222	45	91470	21.574	ug/l	94
23) Vinyl Acetate	6.157	43	285505	110.373	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	62352	21.243	ug/l	93
25) 2-Butanone	7.087	43	52166	115.116	ug/l	95
26) 2,2-Dichloropropane	7.075	77	50604	21.106	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	38854	20.516	ug/l	92
28) Bromochloromethane	7.428	49	21534	20.570	ug/l #	71
29) Tetrahydrofuran	7.446	42	26818	110.624	ug/l #	84
30) Chloroform	7.599	83	61964	20.647	ug/l	95
31) Cyclohexane	7.881	56	53049	20.828	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	54406	21.036	ug/l	99
36) 1,1-Dichloropropene	8.010	75	49279	20.240	ug/l	96
37) Ethyl Acetate	7.175	43	21043	22.455	ug/l #	91
38) Carbon Tetrachloride	7.993	117	48511	20.263	ug/l	91
39) Methylcyclohexane	9.275	83	59187	20.560	ug/l	94
40) Benzene	8.251	78	138140	19.445	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11538	22.902	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	36622	19.876	ug/l	97
43) Isopropyl Acetate	8.363	43	35564	21.167	ug/l	90
44) Trichloroethene	9.022	130	35154	20.152	ug/l	90
45) 1,2-Dichloropropane	9.304	63	35025	20.164	ug/l	95
46) Dibromomethane	9.393	93	19303	20.029	ug/l #	85
47) Bromodichloromethane	9.587	83	47957	20.225	ug/l	95
48) Methyl methacrylate	9.381	41	17872	22.260	ug/l #	75
49) 1,4-Dioxane	9.387	88	4134	382.395	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	95712	105.302	ug/l	89
52) Toluene	10.334	92	87924	20.404	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	44333	20.017	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	54510	20.790	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	25641	20.388	ug/l	93
56) Ethyl methacrylate	10.598	69	28749	20.154	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	44746	20.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	65279	100.630	ug/l	89
59) 2-Hexanone	10.922	43	74804	109.276	ug/l	86
60) Dibromochloromethane	11.075	129	29656	20.314	ug/l	95
61) 1,2-Dibromoethane	11.187	107	24060	20.263	ug/l	99
64) Tetrachloroethene	10.810	164	27334	20.583	ug/l	93
65) Chlorobenzene	11.604	112	89184	19.578	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	32726	20.178	ug/l	94
67) Ethyl Benzene	11.687	91	161892	19.620	ug/l	96
68) m/p-Xylenes	11.792	106	127190	40.066	ug/l	92
69) o-Xylene	12.122	106	56926	19.513	ug/l	90
70) Styrene	12.134	104	100202	20.112	ug/l	96
71) Bromoform	12.298	173	16157	20.227	ug/l #	99
73) Isopropylbenzene	12.422	105	151797	20.108	ug/l	95
74) N-amyl acetate	12.234	43	32776	20.993	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30417	20.864	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	37413	40.119	ug/l #	100
77) Bromobenzene	12.704	156	33292	20.040	ug/l	82
78) n-propylbenzene	12.763	91	190009	20.205	ug/l	96
79) 2-Chlorotoluene	12.851	91	102005	20.263	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	125902	20.501	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	9665	20.612	ug/l	90
82) 4-Chlorotoluene	12.945	91	110253	20.544	ug/l	92
83) tert-Butylbenzene	13.163	119	104257	19.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	125190	20.148	ug/l	94
85) sec-Butylbenzene	13.345	105	165908	20.173	ug/l	95
86) p-Isopropyltoluene	13.463	119	136385	20.247	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	68894	19.962	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	70034	20.510	ug/l	97
89) n-Butylbenzene	13.786	91	135501	20.643	ug/l	96
90) Hexachloroethane	14.051	117	27012	20.076	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	59883	20.282	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4326	21.168	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	33914	19.858	ug/l	98
94) Hexachlorobutadiene	15.204	225	17199	20.552	ug/l	98
95) Naphthalene	15.333	128	69996	20.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30970	20.595	ug/l	95

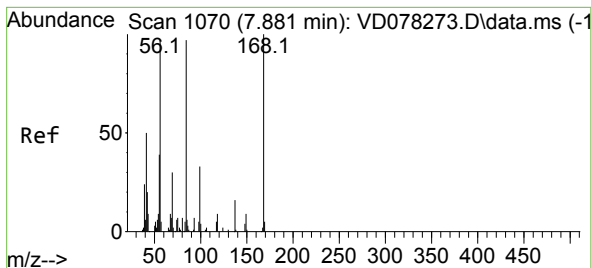
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078279.D
Acq On : 30 Jan 2024 15:14
Operator : RP/MD
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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

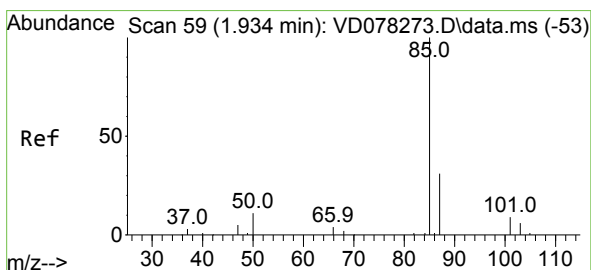
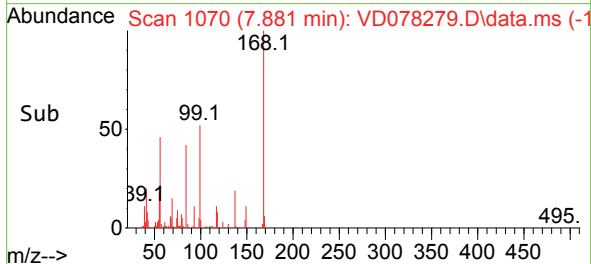
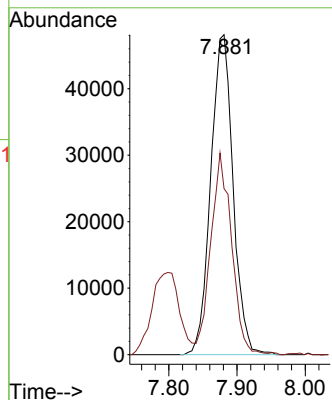
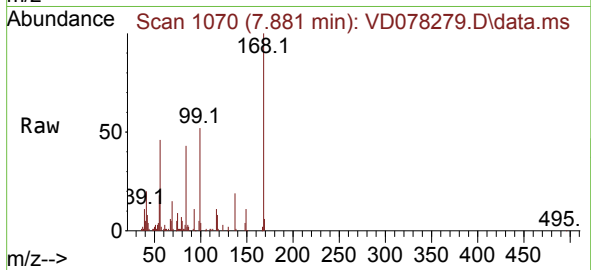
VD0130SBS01

Tgt Ion:168 Resp: 109856

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 23.633 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078279.D

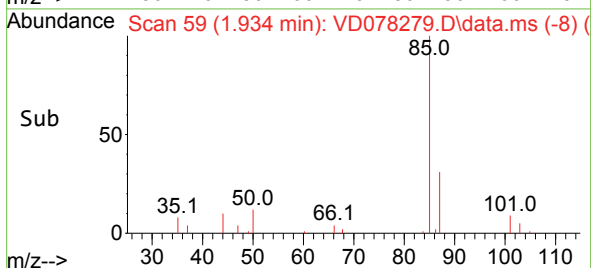
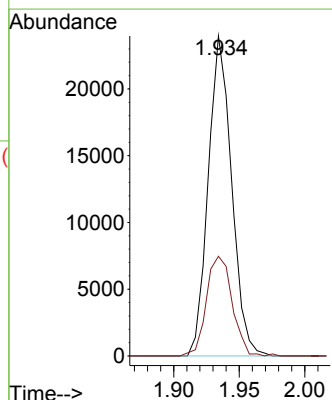
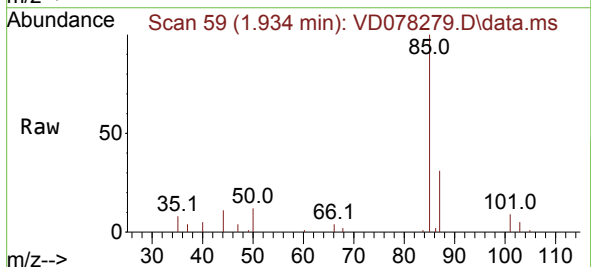
Acq: 30 Jan 2024 15:14

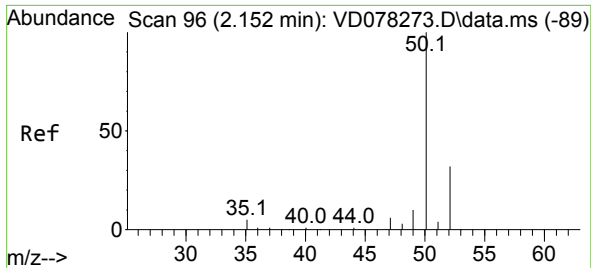
Tgt Ion: 85 Resp: 29733

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0

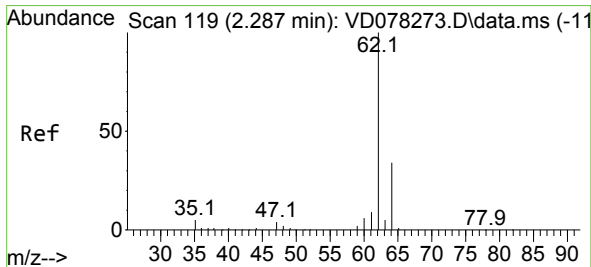
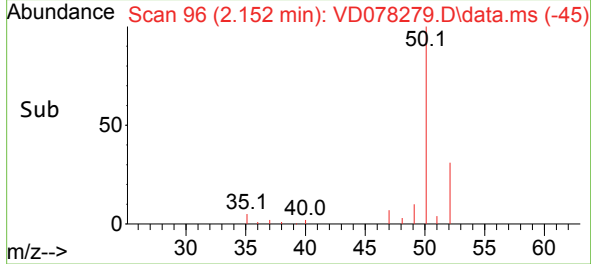
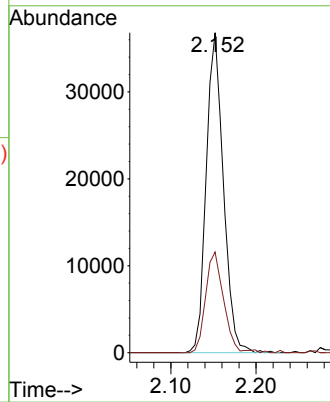
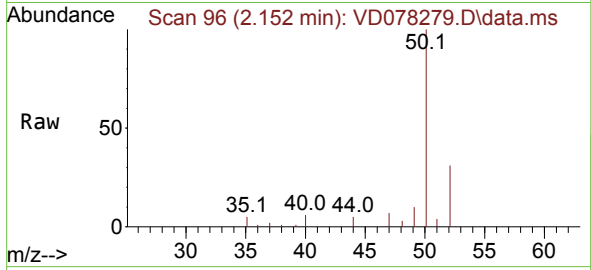




#3
Chloromethane
Concen: 22.534 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

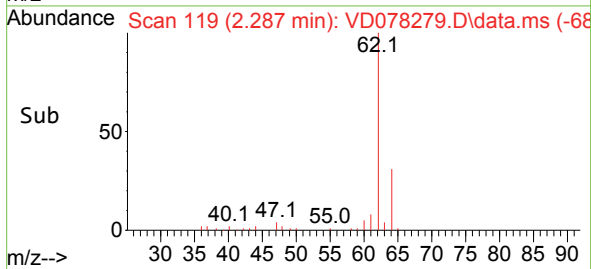
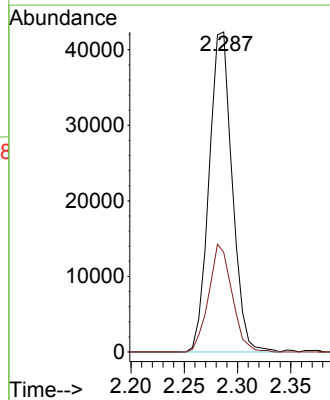
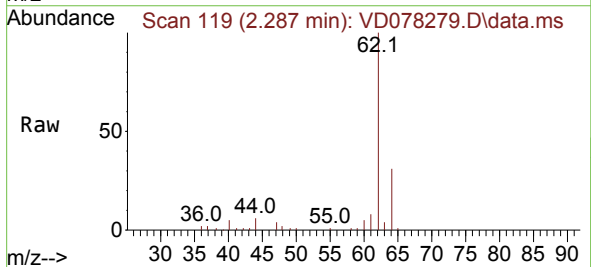
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

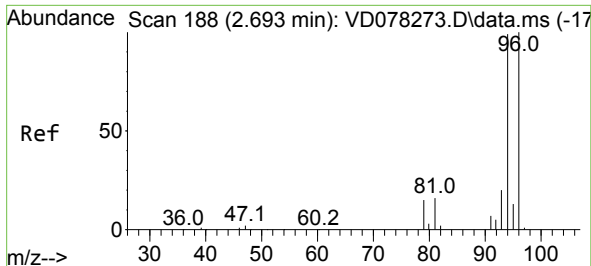
Tgt Ion: 50 Resp: 51496
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0



#4
Vinyl Chloride
Concen: 21.206 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 62 Resp: 63925
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0





#5

Bromomethane

Concen: 20.661 ug/l

RT: 2.687 min Scan# 187

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

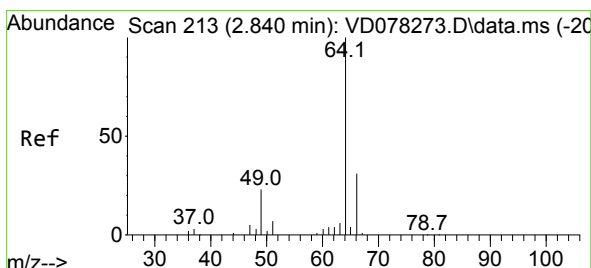
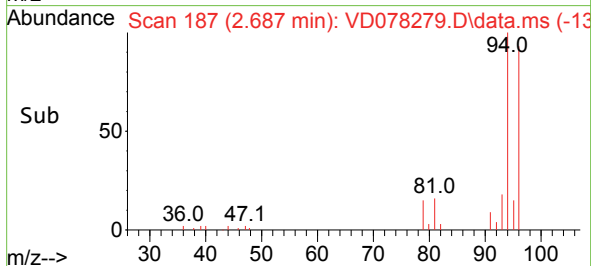
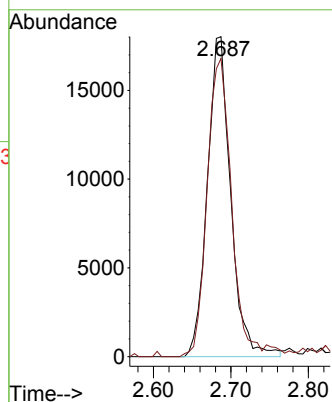
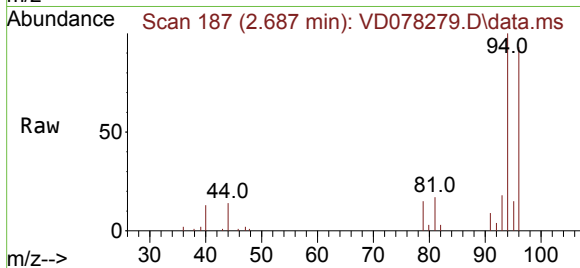
VD0130SBS01

Tgt Ion: 94 Resp: 37705

Ion Ratio Lower Upper

94 100

96 96.3 75.8 113.8



#6

Chloroethane

Concen: 21.758 ug/l

RT: 2.834 min Scan# 212

Delta R.T. -0.006 min

Lab File: VD078279.D

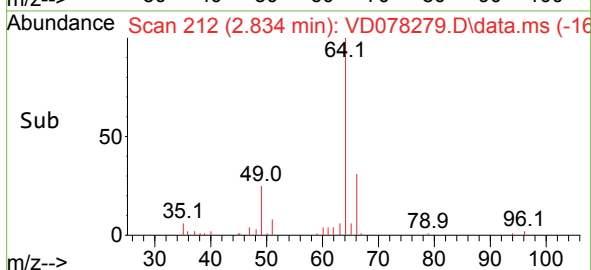
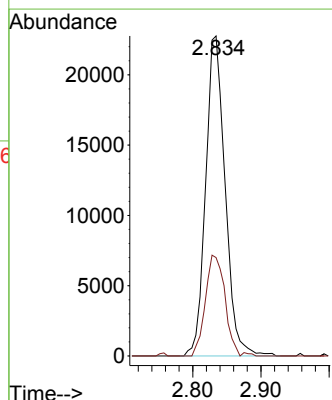
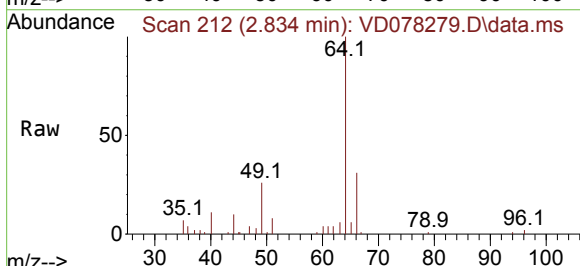
Acq: 30 Jan 2024 15:14

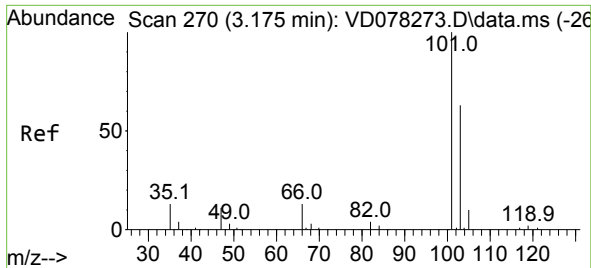
Tgt Ion: 64 Resp: 45303

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3

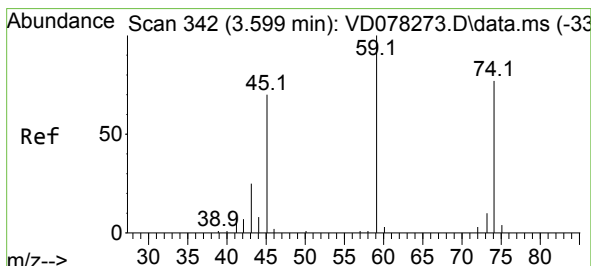
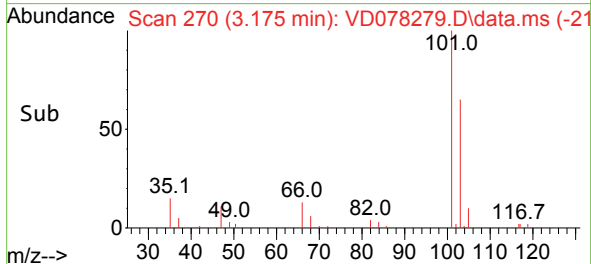
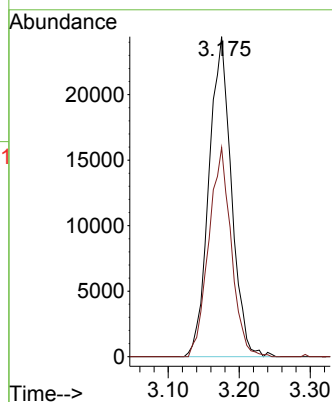
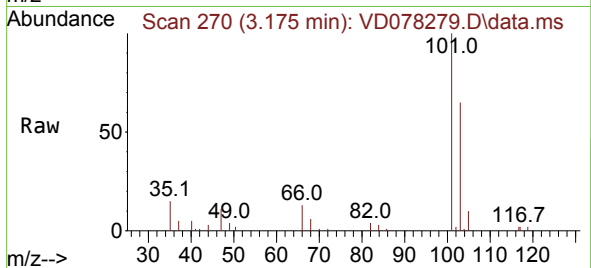




#7
Trichlorofluoromethane
Concen: 21.012 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

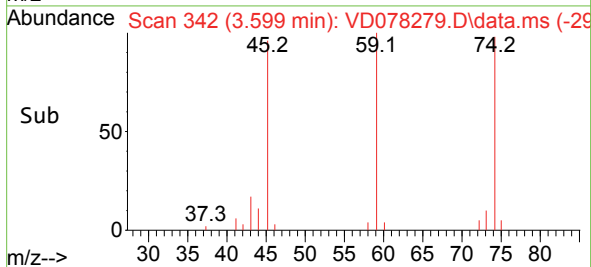
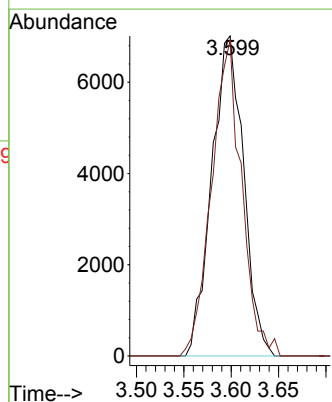
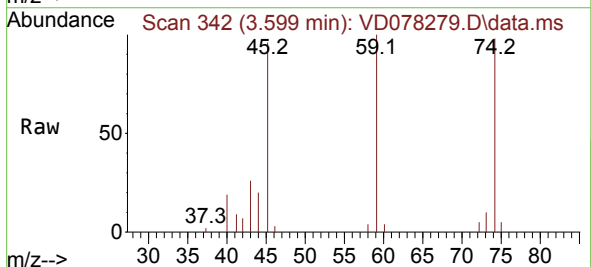
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

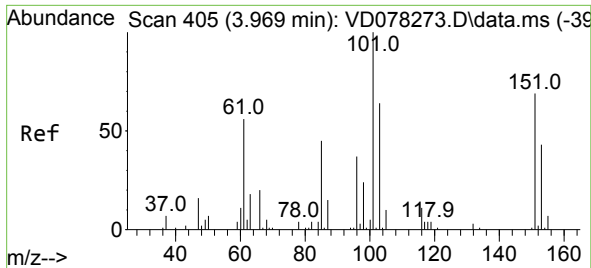
Tgt Ion:101 Resp: 53627
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5



#8
Diethyl Ether
Concen: 21.677 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 74 Resp: 16366
Ion Ratio Lower Upper
74 100
45 93.3 37.5 112.7

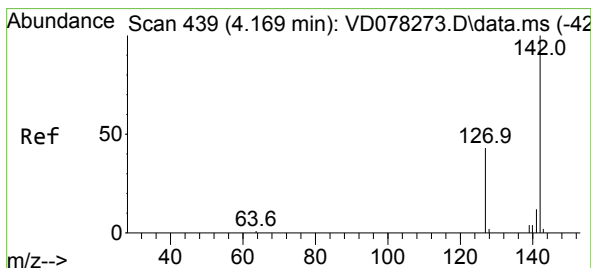
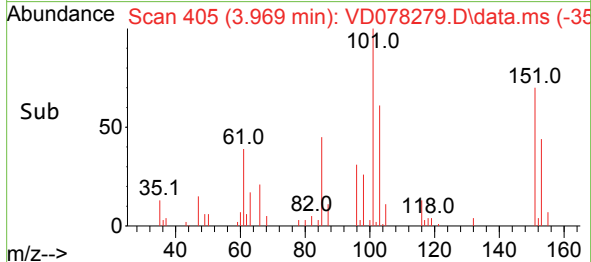
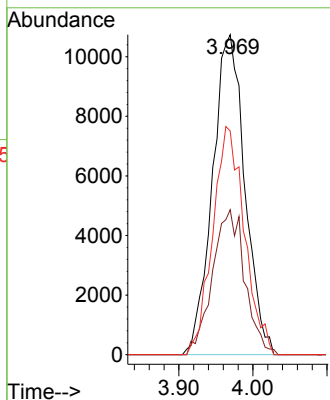
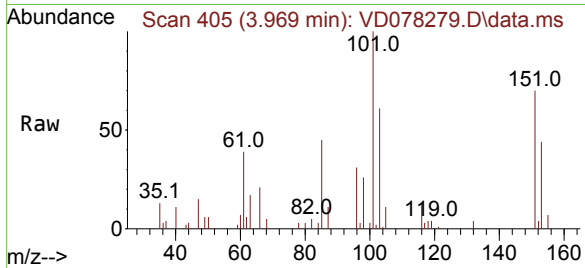




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.793 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

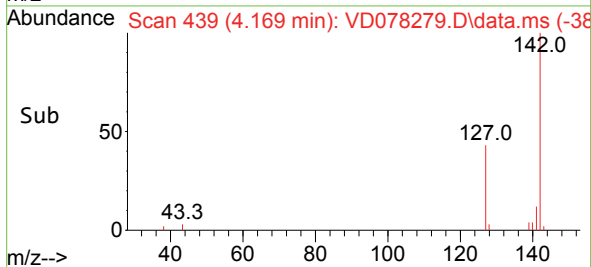
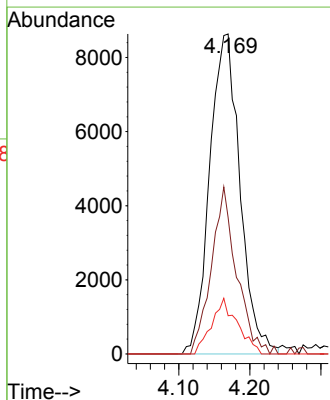
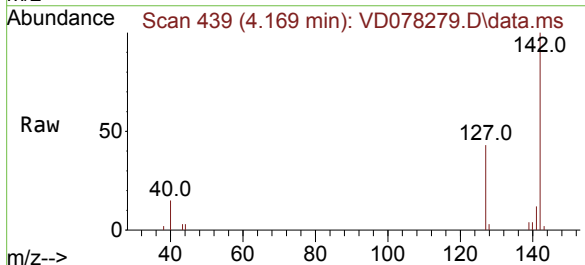
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

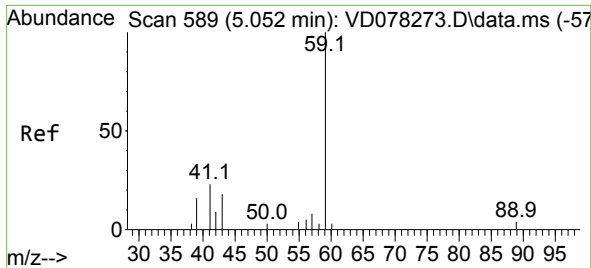
Tgt Ion:	101	Resp:	32567
Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.8	50.6
151	69.8	59.8	89.6



#10
Methyl Iodide
Concen: 17.913 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:	142	Resp:	25522
Ion	Ratio	Lower	Upper
142	100		
127	43.8	29.4	44.0
141	14.9	11.1	16.7

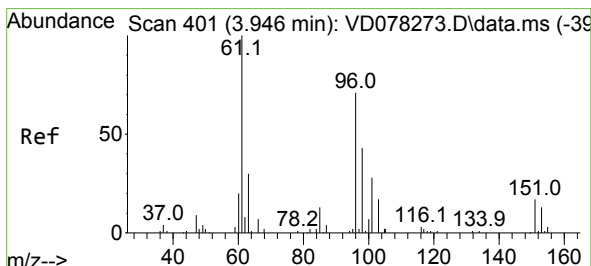
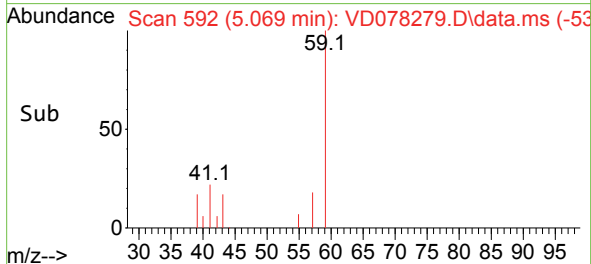
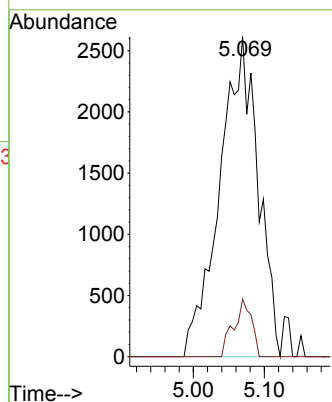
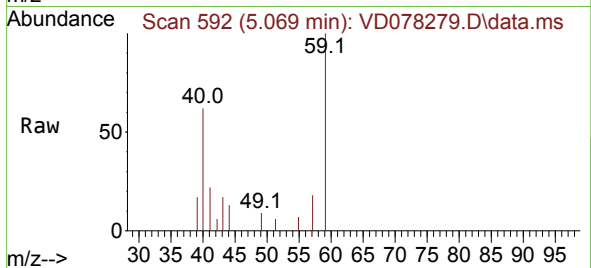




#11
Tert butyl alcohol
Concen: 112.732 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

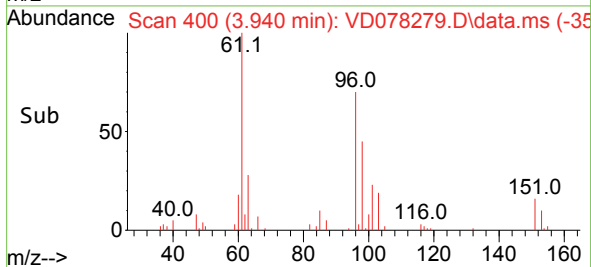
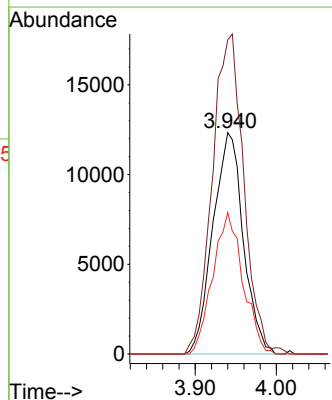
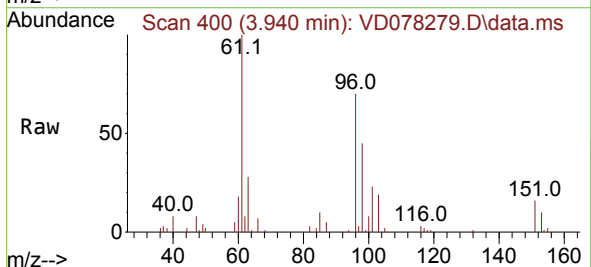
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

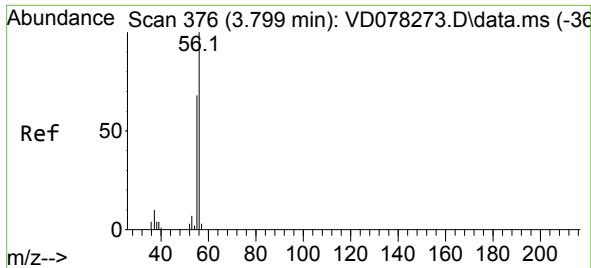
Tgt Ion: 59 Resp: 9779
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.235 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 96 Resp: 32092
Ion Ratio Lower Upper
96 100
61 141.9 100.6 150.8
98 63.9 50.2 75.2





#13

Acrolein

Concen: 119.147 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

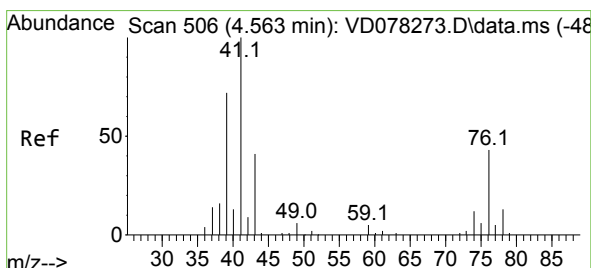
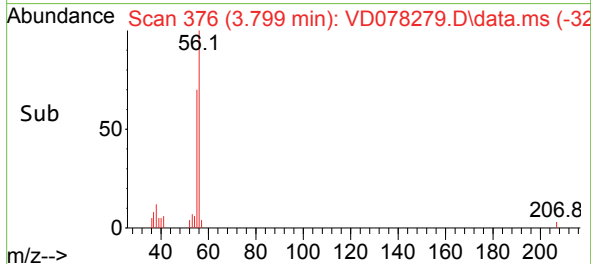
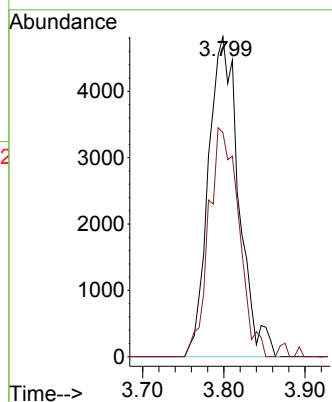
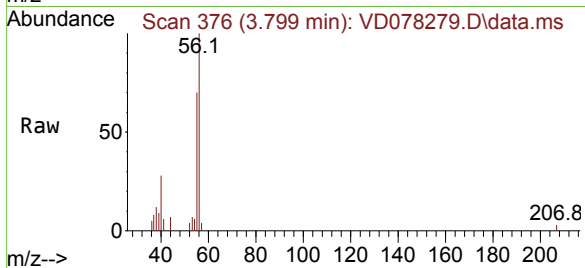
VD0130SBS01

Tgt Ion: 56 Resp: 12563

Ion Ratio Lower Upper

56 100

55 70.7 55.1 82.7



#14

Allyl chloride

Concen: 20.257 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

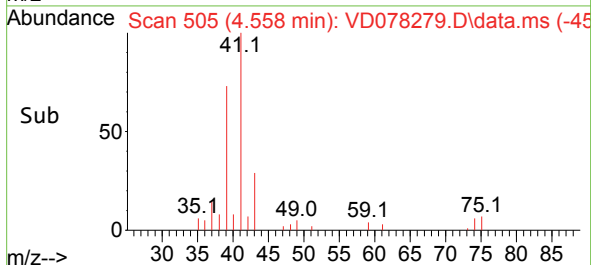
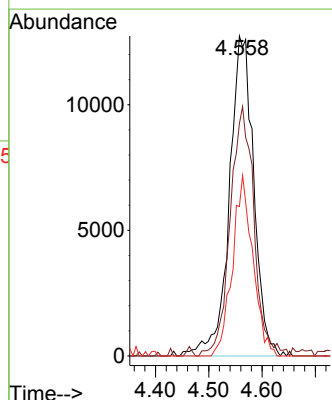
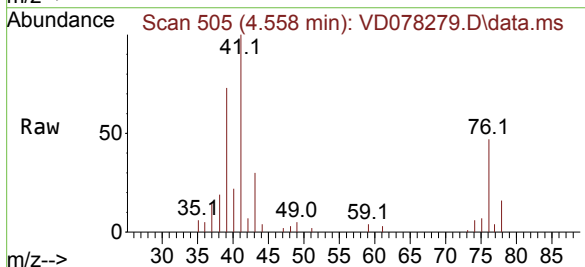
Tgt Ion: 41 Resp: 40364

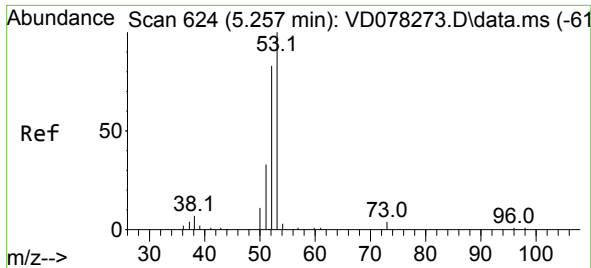
Ion Ratio Lower Upper

41 100

39 76.4 53.8 80.6

76 47.5 45.8 68.8

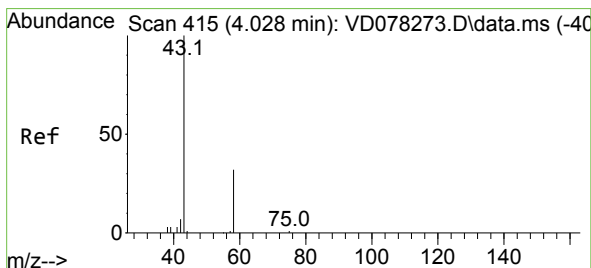
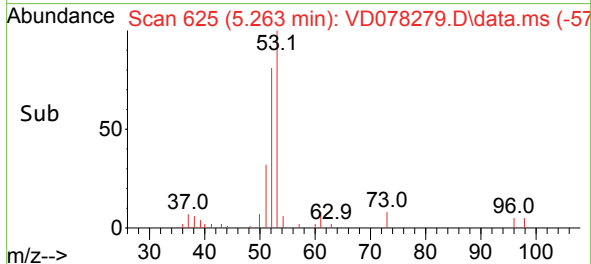
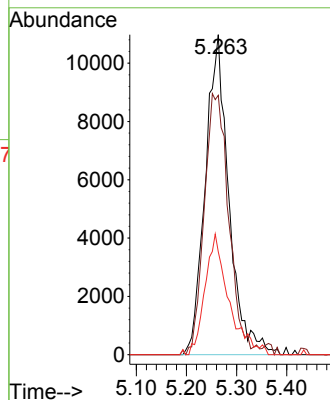
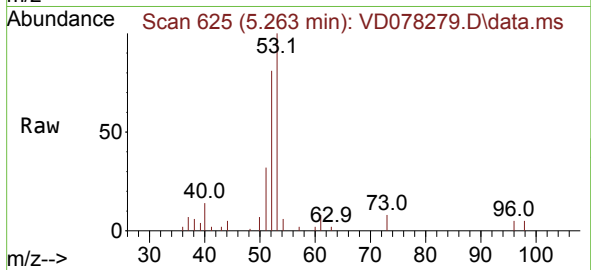




#15
Acrylonitrile
Concen: 107.614 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

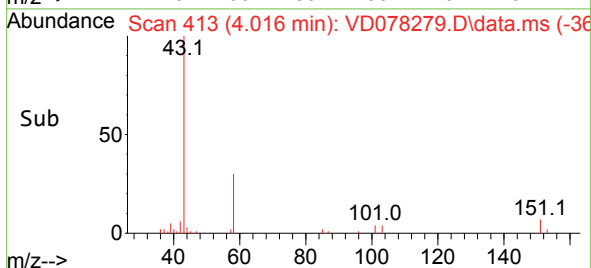
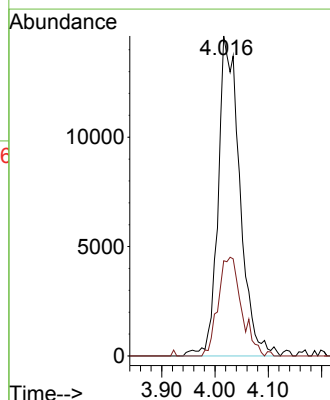
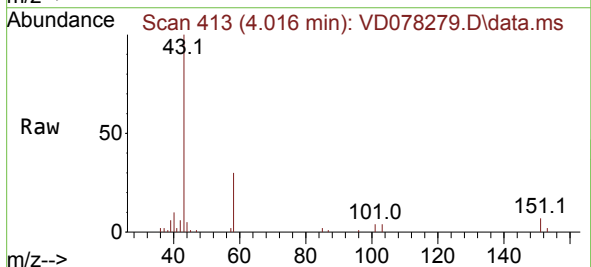
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

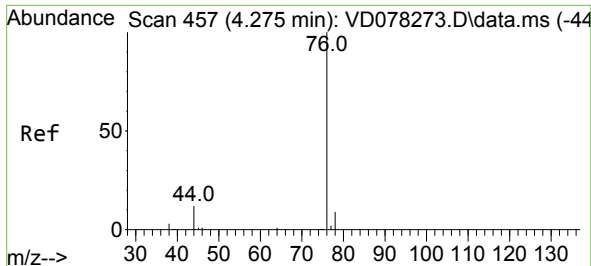
Tgt Ion: 53	Resp:	35912
Ion	Ratio	Lower Upper
53	100	
52	84.3	65.0 97.4
51	37.8	28.3 42.5



#16
Acetone
Concen: 122.027 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 43	Resp:	41303
Ion	Ratio	Lower Upper
43	100	
58	29.7	34.7 52.1#





#17

Carbon Disulfide

Concen: 21.277 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

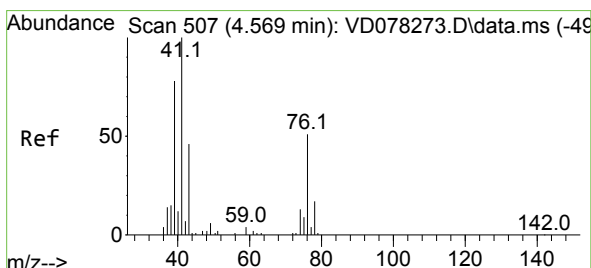
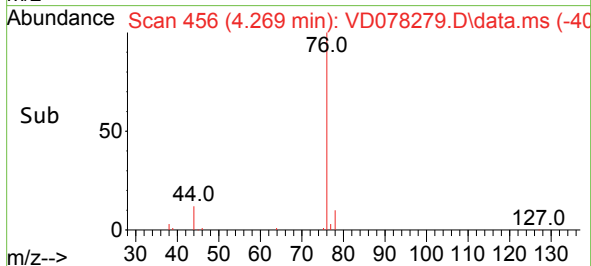
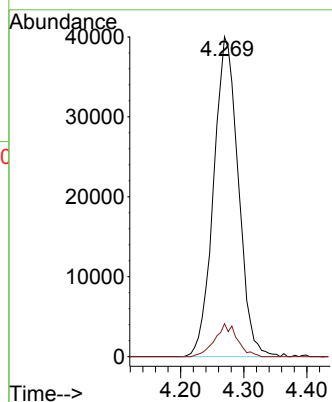
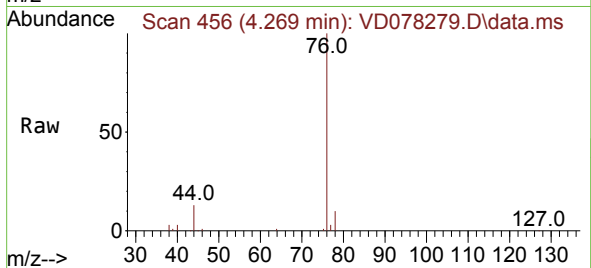
VD0130SBS01

Tgt Ion: 76 Resp: 108555

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#



#18

Methyl Acetate

Concen: 19.135 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078279.D

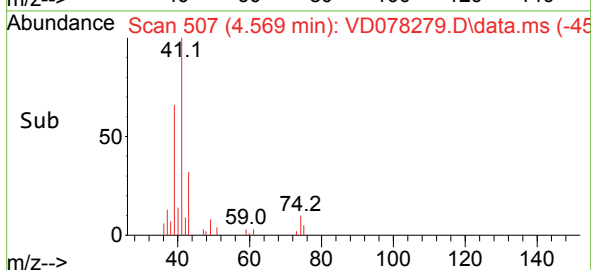
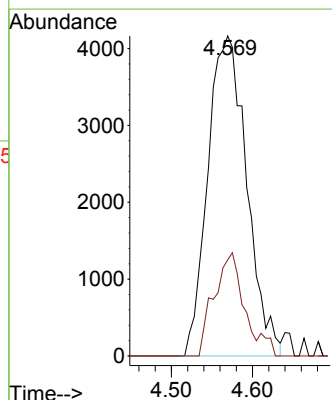
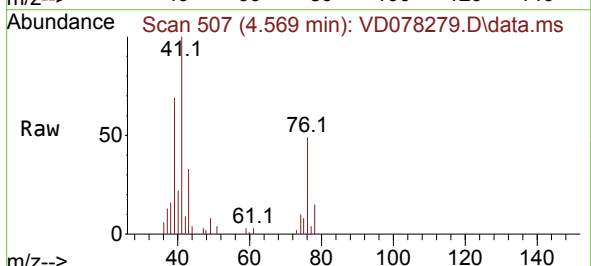
Acq: 30 Jan 2024 15:14

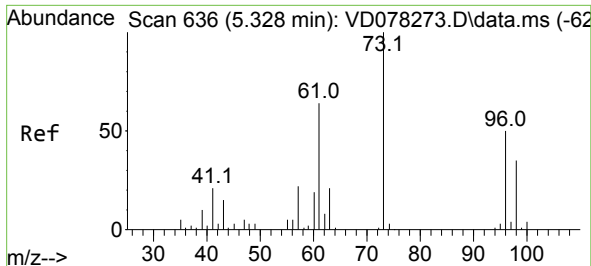
Tgt Ion: 43 Resp: 13870

Ion Ratio Lower Upper

43 100

74 23.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 21.661 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

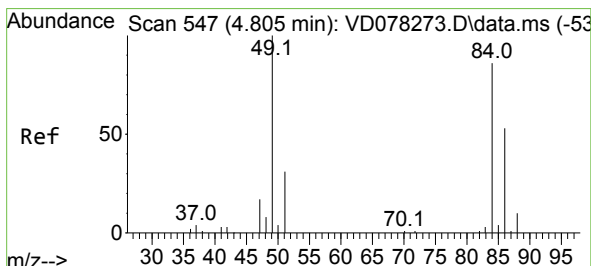
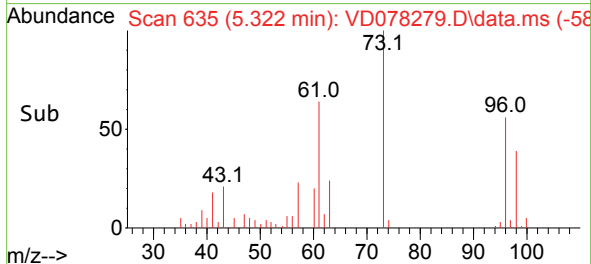
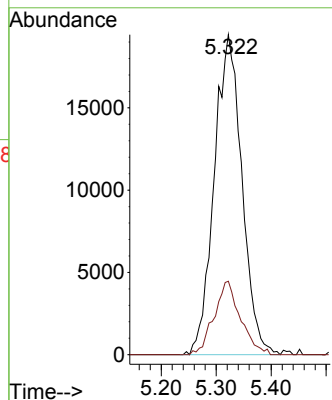
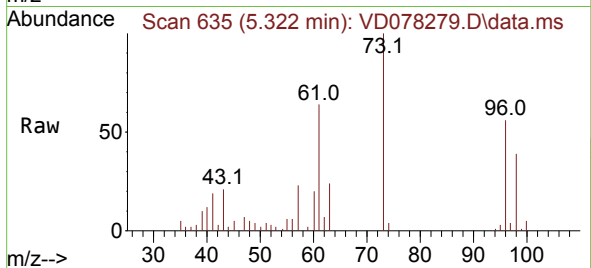
VD0130SBS01

Tgt Ion: 73 Resp: 68082

Ion Ratio Lower Upper

73 100

57 22.9 16.6 25.0



#20

Methylene Chloride

Concen: 25.099 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Tgt Ion: 84 Resp: 43680

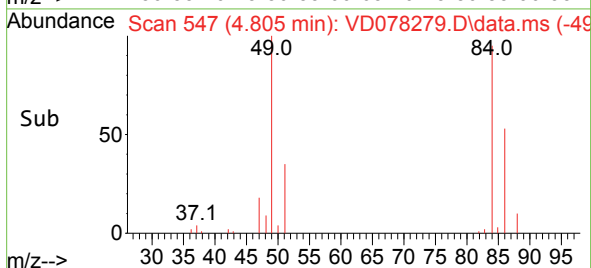
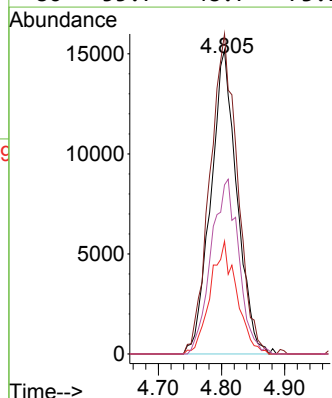
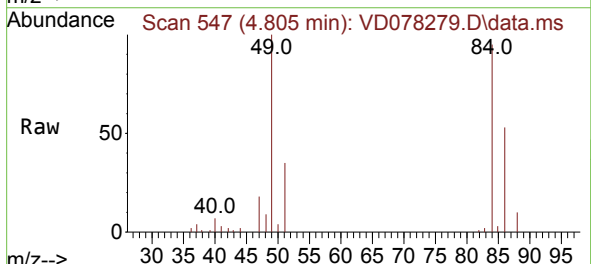
Ion Ratio Lower Upper

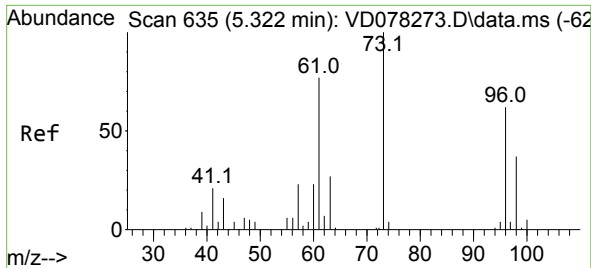
84 100

49 105.3 71.4 107.2

51 37.1 24.5 36.7#

86 55.7 48.7 73.1

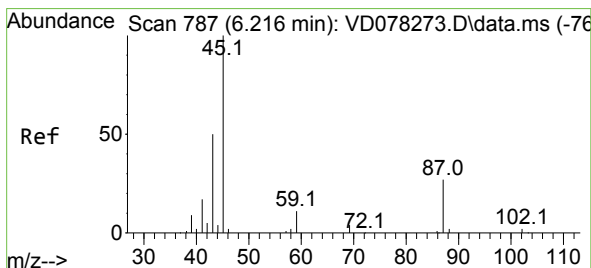
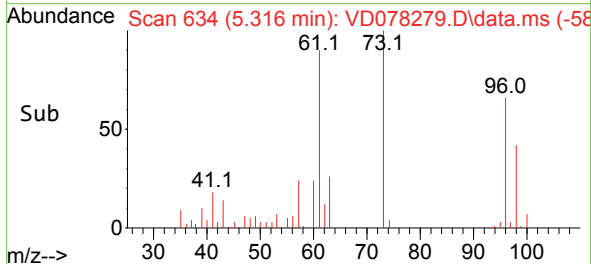
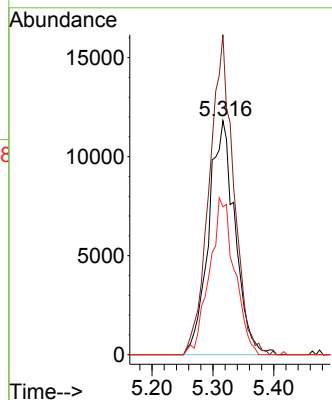
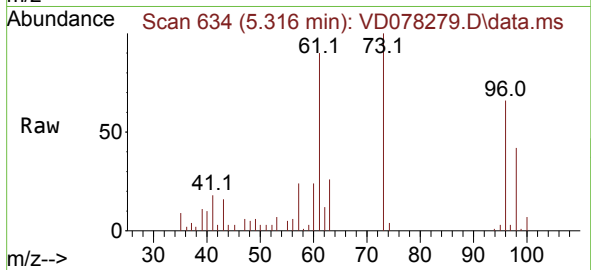




#21
trans-1,2-Dichloroethene
Concen: 20.773 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

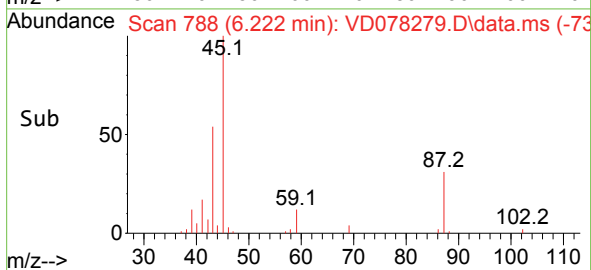
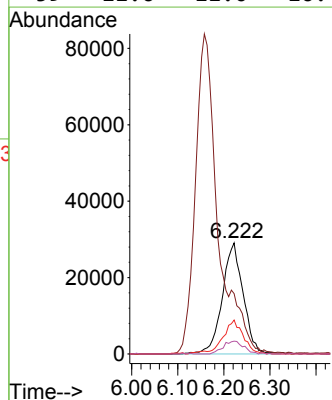
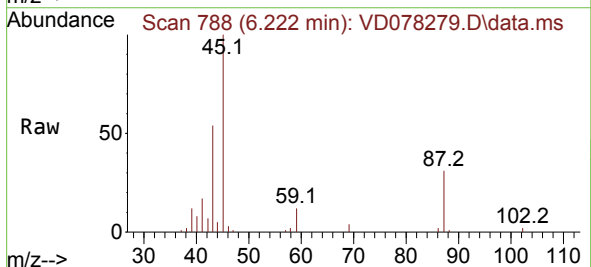
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

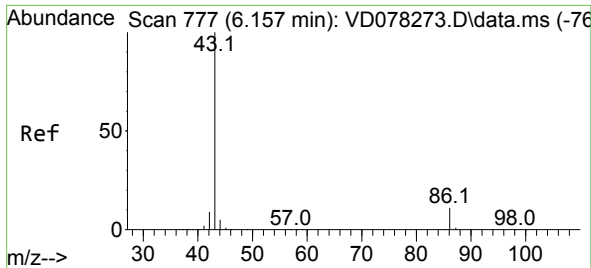
Tgt Ion: 96 Resp: 35497
Ion Ratio Lower Upper
96 100
61 136.7 89.3 133.9#
98 63.2 48.6 73.0



#22
Diisopropyl ether
Concen: 21.574 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 45 Resp: 91470
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 30.5 28.2 42.4
59 11.6 11.0 16.4

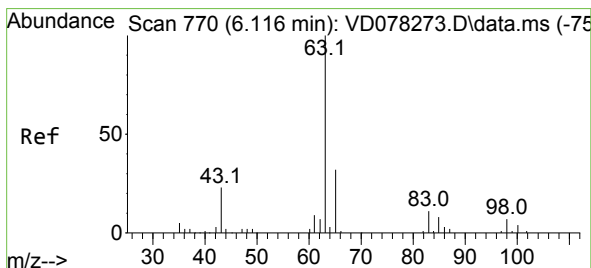
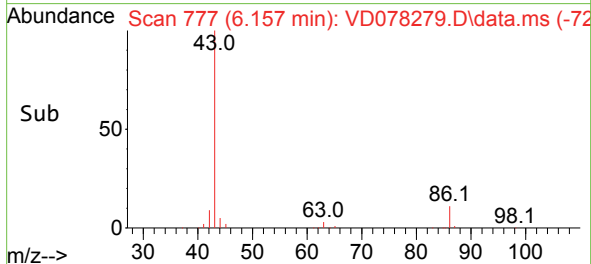
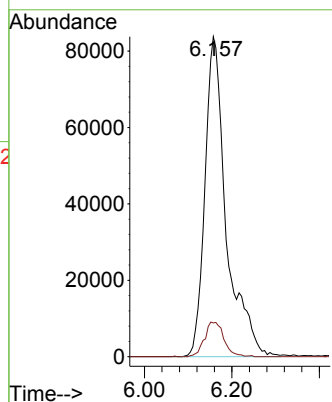
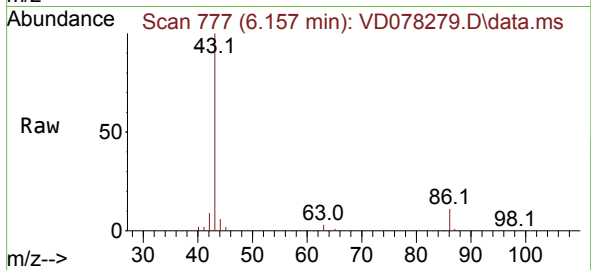




#23
 Vinyl Acetate
 Concen: 110.373 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

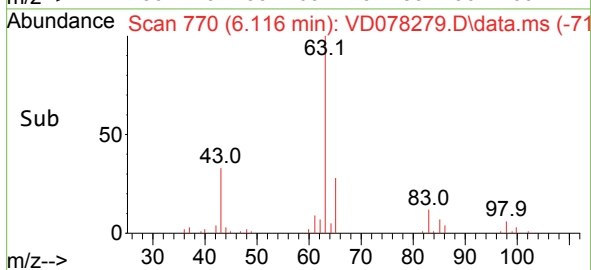
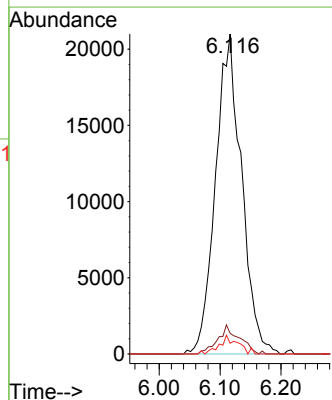
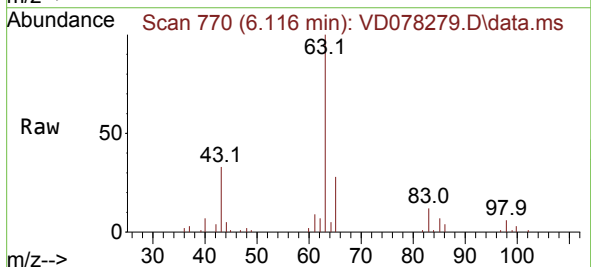
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

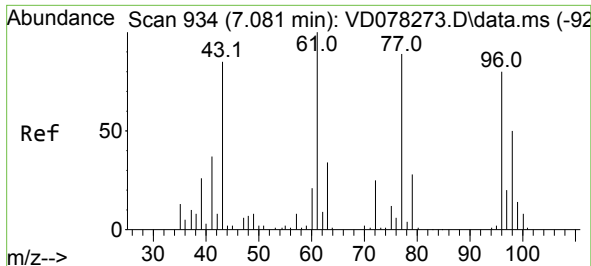
Tgt Ion: 43 Resp: 285505
 Ion Ratio Lower Upper
 43 100
 86 10.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.243 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

Tgt Ion: 63 Resp: 62352
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 3.3 2.5 7.5

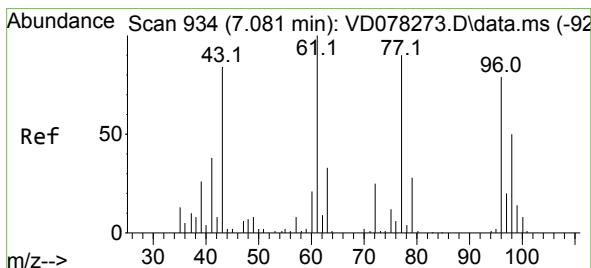
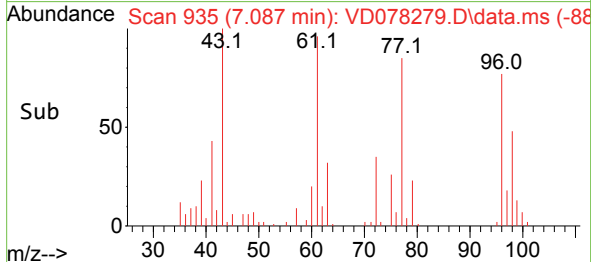
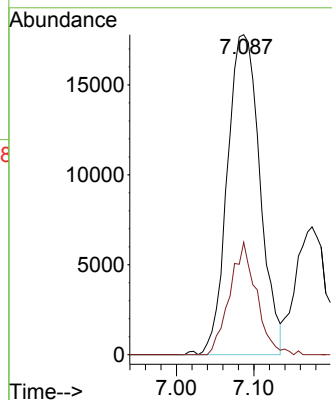
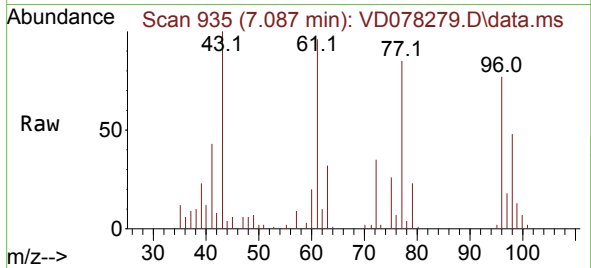




#25
2-Butanone
Concen: 115.116 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

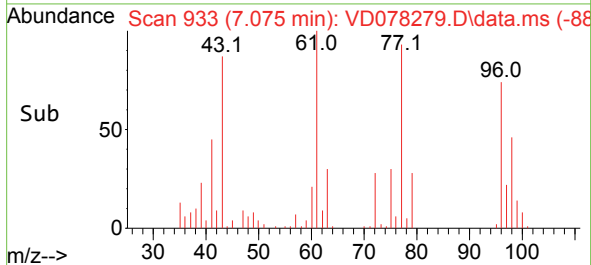
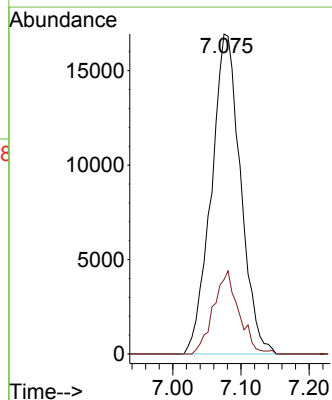
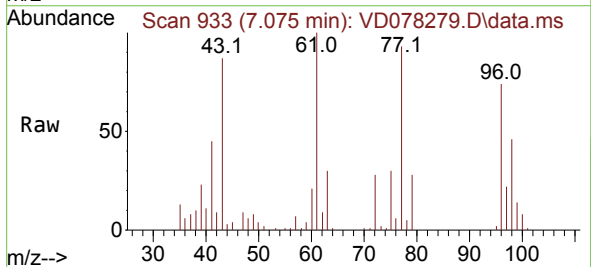
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

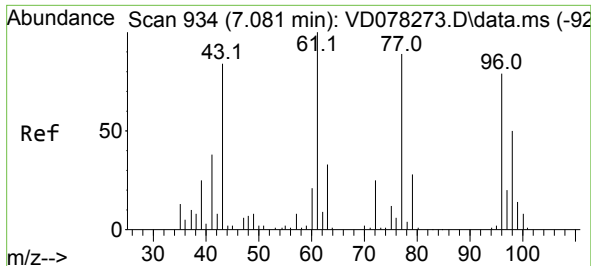
Tgt Ion: 43 Resp: 52166
Ion Ratio Lower Upper
43 100
72 35.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.106 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 77 Resp: 50604
Ion Ratio Lower Upper
77 100
97 22.6 13.2 39.6

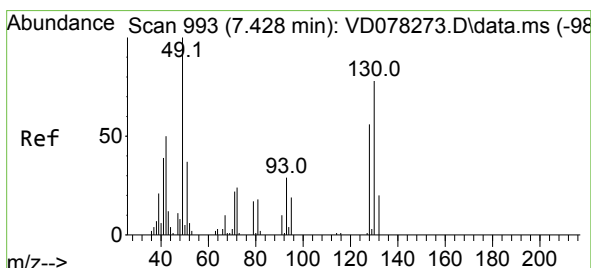
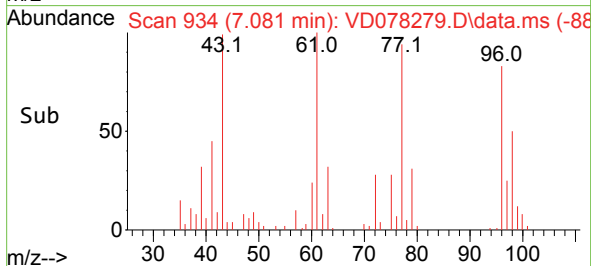
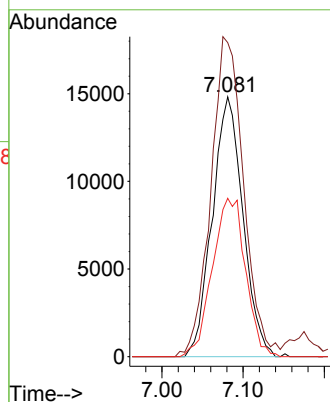
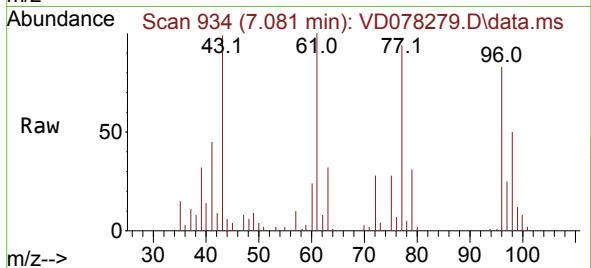




#27
 cis-1,2-Dichloroethene
 Concen: 20.516 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

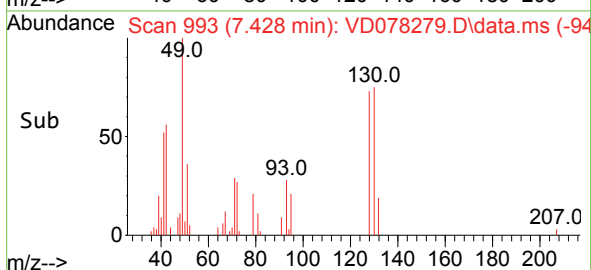
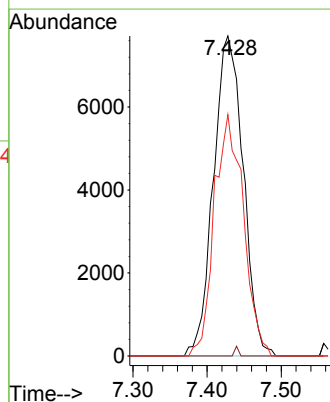
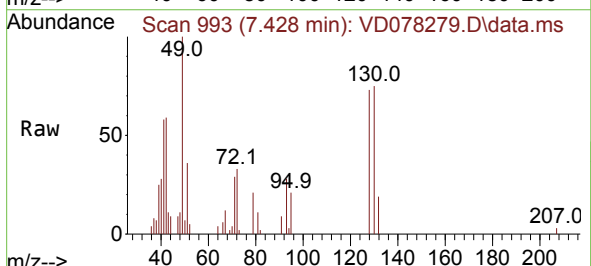
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

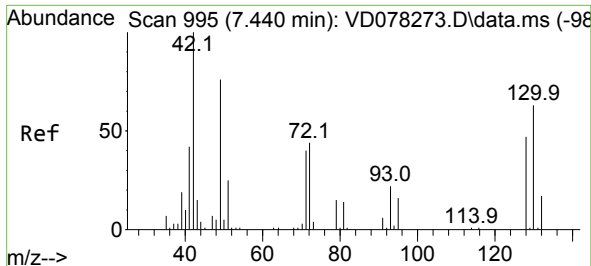
Tgt Ion: 96 Resp: 38854
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 239.2
 98 66.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.570 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

Tgt Ion: 49 Resp: 21534
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 6.0
 130 73.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 110.624 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

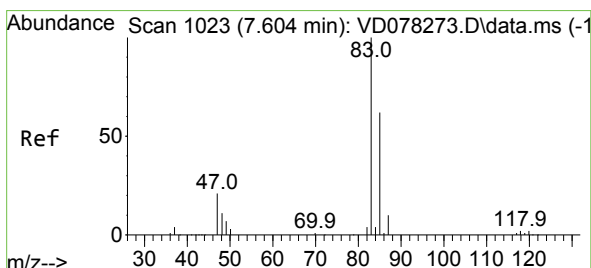
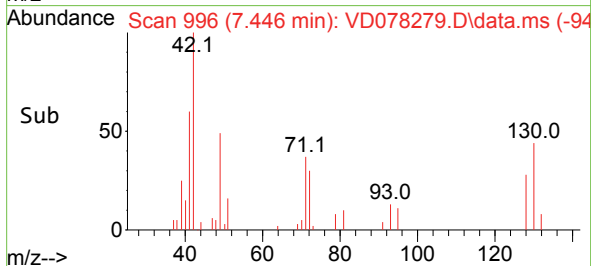
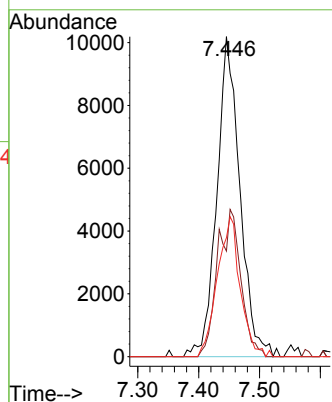
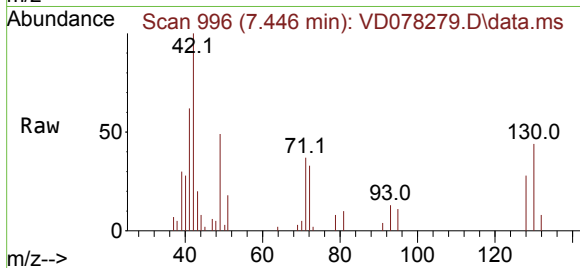
Tgt Ion: 42 Resp: 26818

Ion Ratio Lower Upper

42 100

72 46.6 46.5 69.7

71 43.4 44.5 66.7#



#30

Chloroform

Concen: 20.647 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078279.D

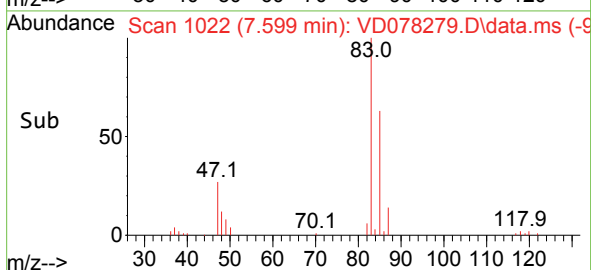
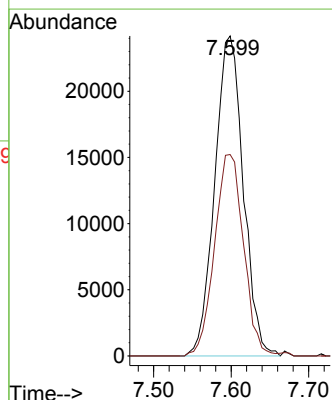
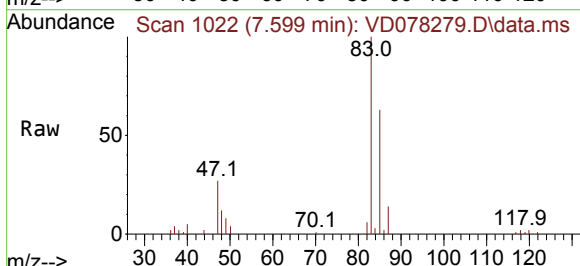
Acq: 30 Jan 2024 15:14

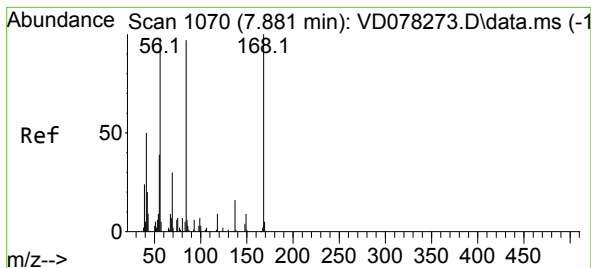
Tgt Ion: 83 Resp: 61964

Ion Ratio Lower Upper

83 100

85 63.0 53.4 80.2





#31

Cyclohexane

Concen: 20.828 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

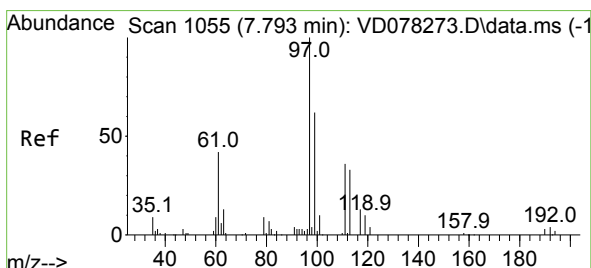
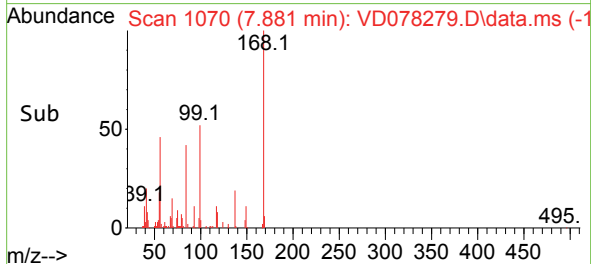
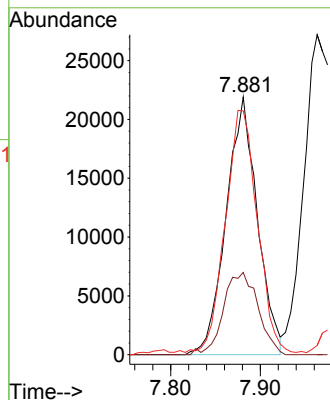
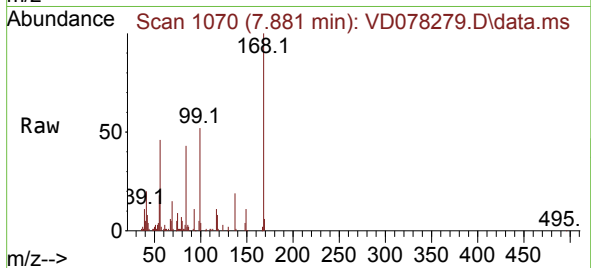
Tgt Ion: 56 Resp: 53049

Ion Ratio Lower Upper

56 100

69 31.9 28.6 43.0

84 93.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.036 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

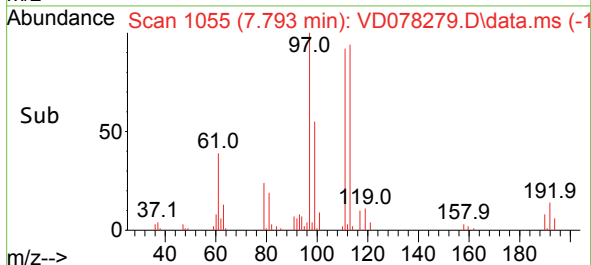
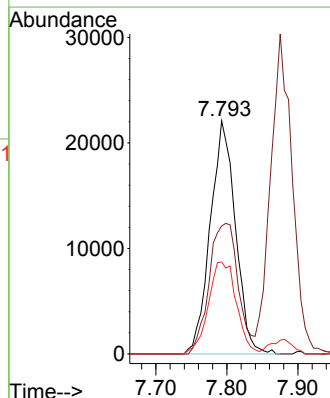
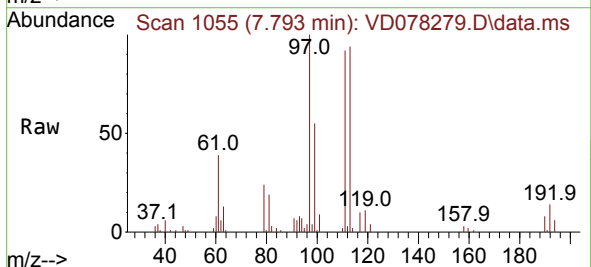
Tgt Ion: 97 Resp: 54406

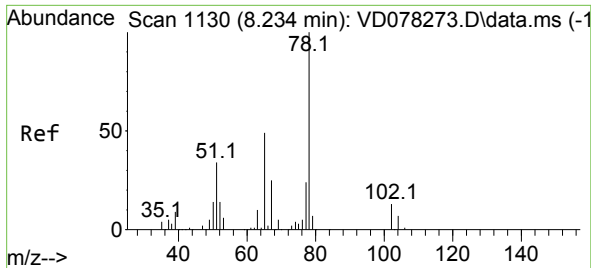
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 43.9 33.8 50.8

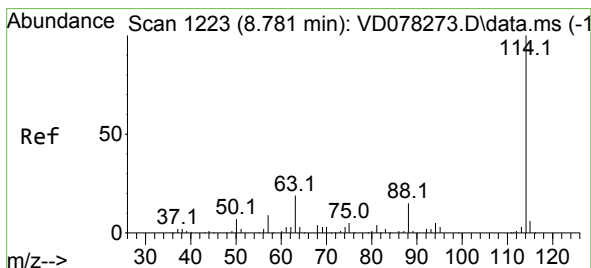
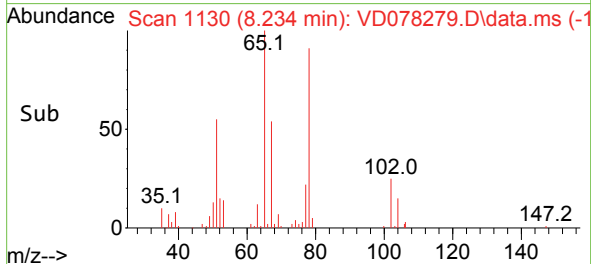
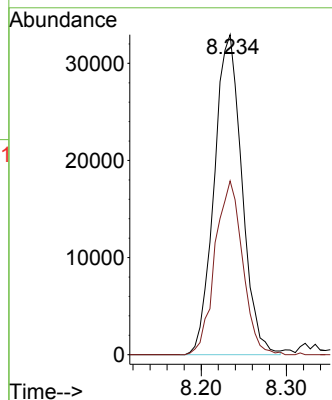
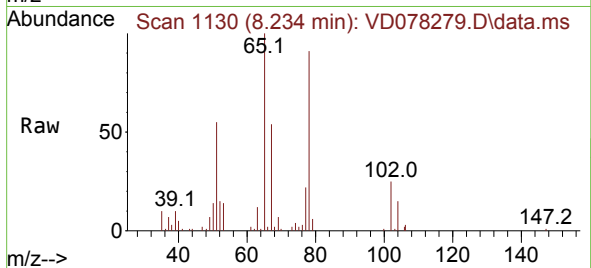




#33
1,2-Dichloroethane-d4
Concen: 54.821 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

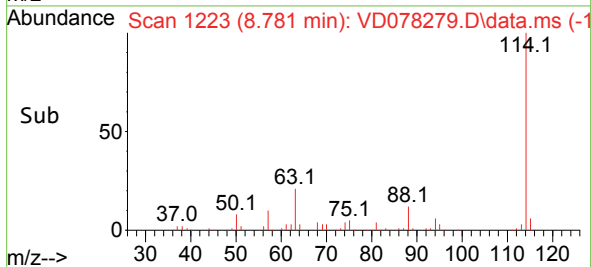
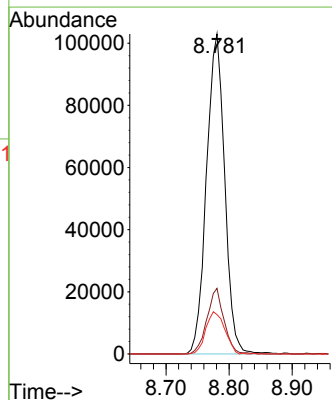
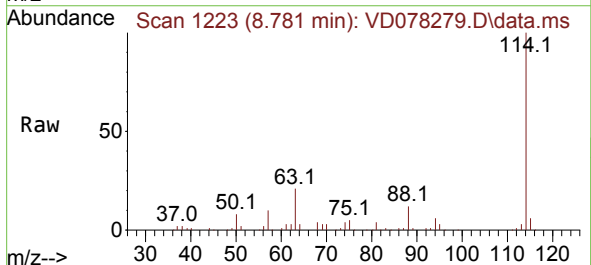
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

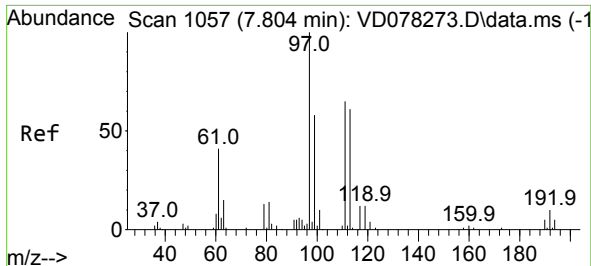
Tgt Ion: 65 Resp: 74554
Ion Ratio Lower Upper
65 100
67 53.9 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 114 Resp: 206240
Ion Ratio Lower Upper
114 100
63 20.5 0.0 33.4
88 12.3 0.0 26.2

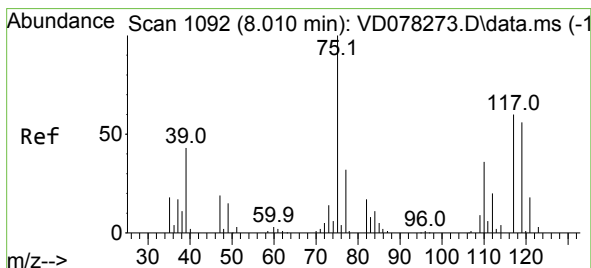
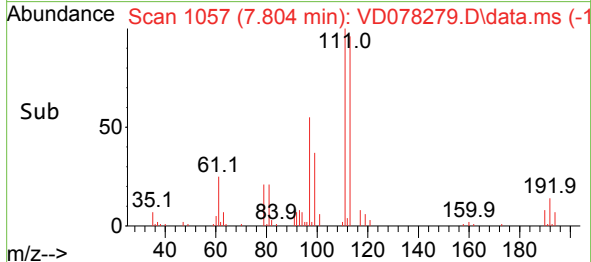
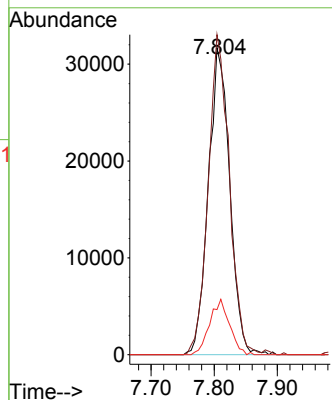
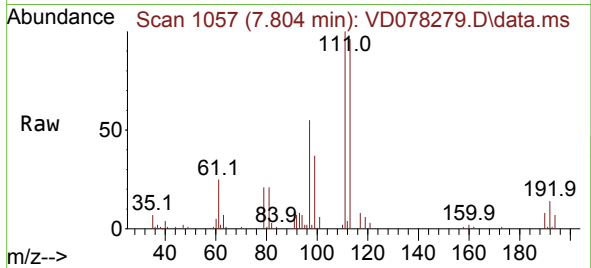




#35
Dibromofluoromethane
Concen: 50.986 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

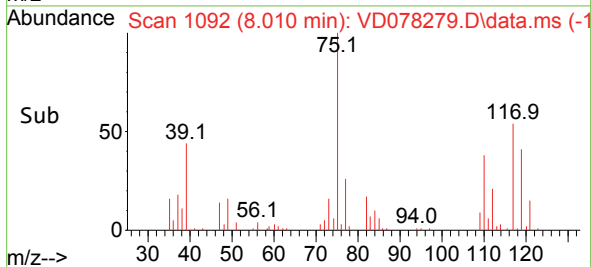
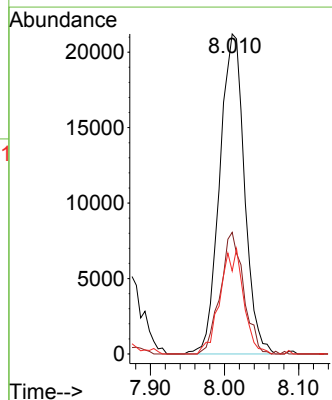
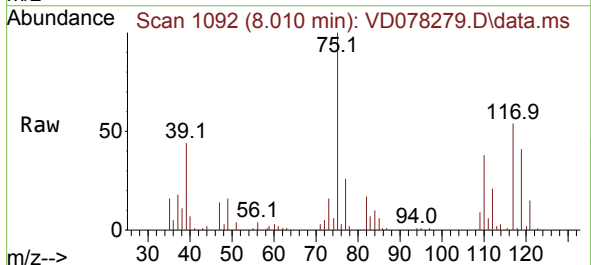
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

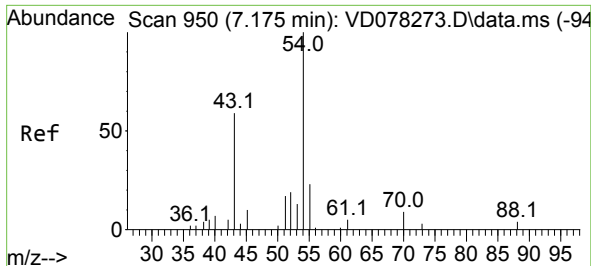
Tgt Ion:113 Resp: 74862
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 16.7 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 20.240 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 75 Resp: 49279
Ion Ratio Lower Upper
75 100
110 35.8 19.9 59.6
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 22.455 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

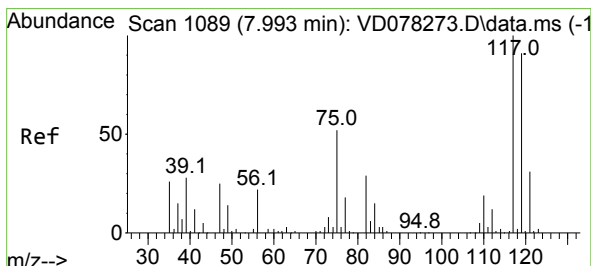
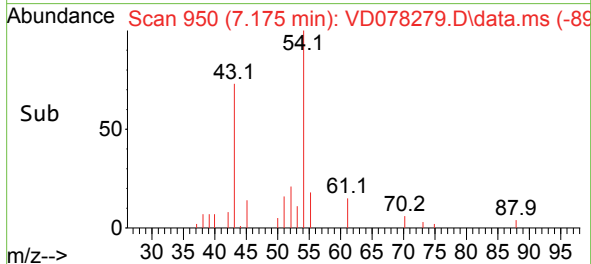
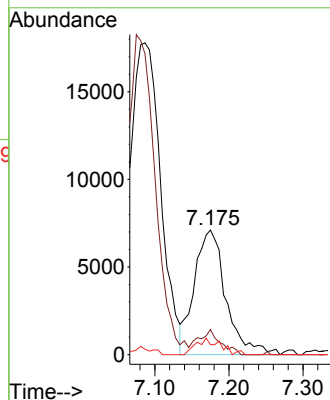
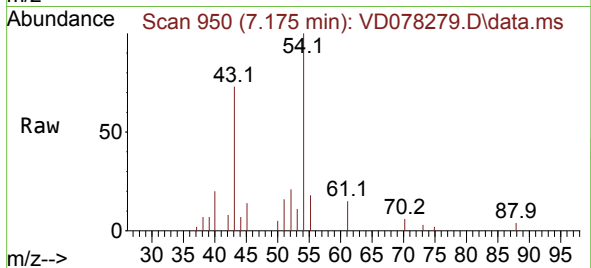
Tgt Ion: 43 Resp: 21043

Ion Ratio Lower Upper

43 100

61 14.2 14.9 22.3#

70 9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.263 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

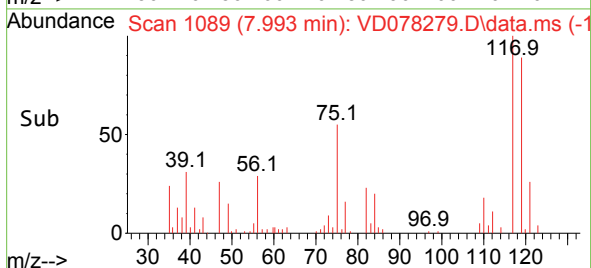
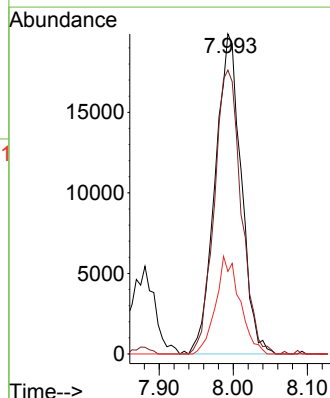
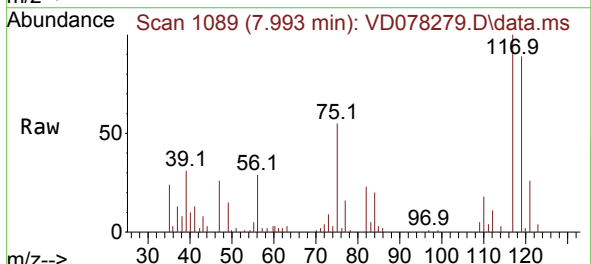
Tgt Ion: 117 Resp: 48511

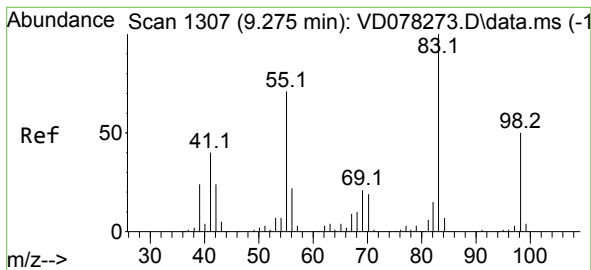
Ion Ratio Lower Upper

117 100

119 88.7 78.0 117.0

121 25.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.560 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

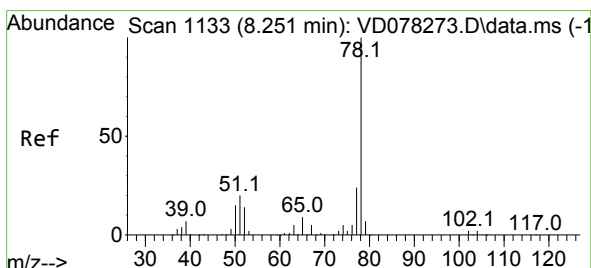
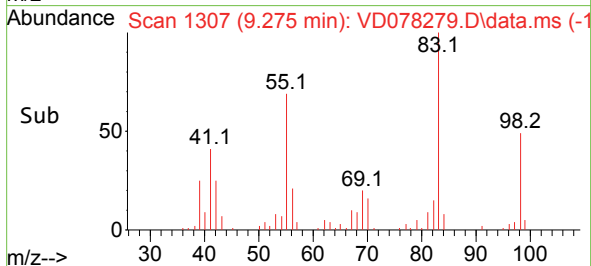
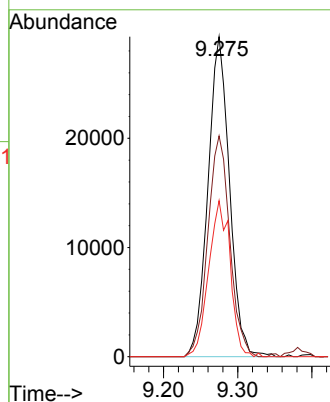
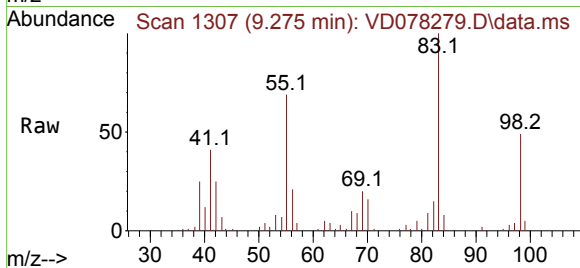
Tgt Ion: 83 Resp: 59187

Ion Ratio Lower Upper

83 100

55 69.0 49.4 74.0

98 48.8 38.4 57.6



#40

Benzene

Concen: 19.445 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078279.D

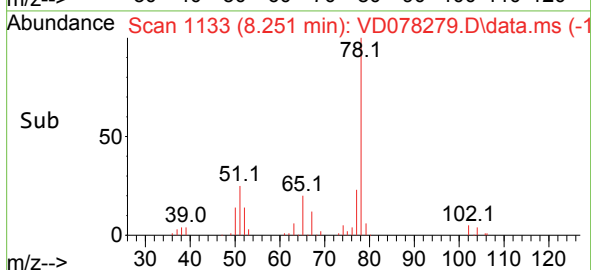
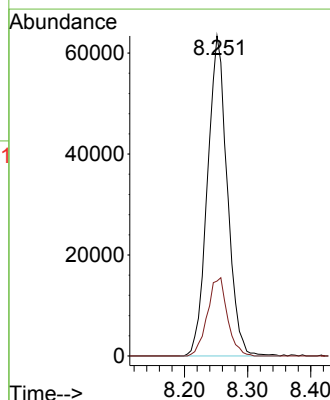
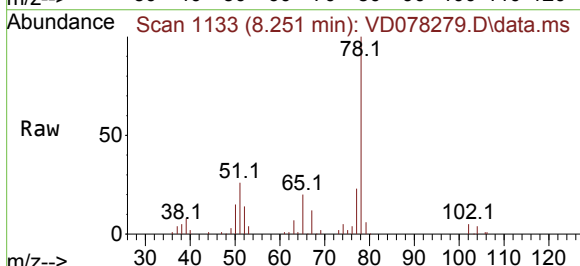
Acq: 30 Jan 2024 15:14

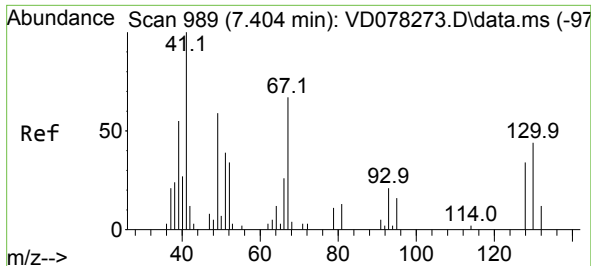
Tgt Ion: 78 Resp: 138140

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

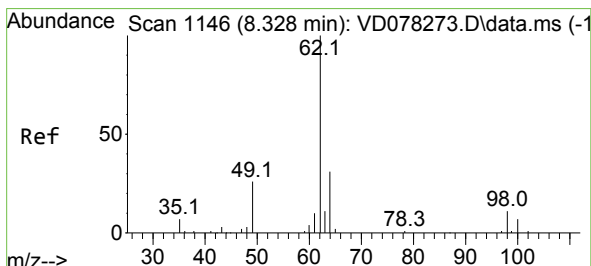
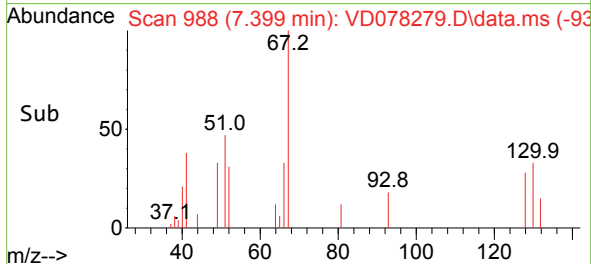
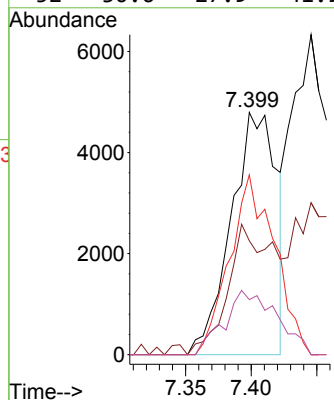
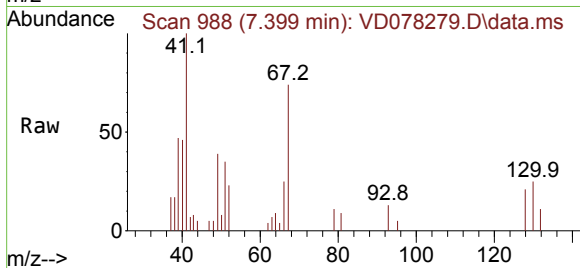




#41
Methacrylonitrile
Concen: 22.902 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

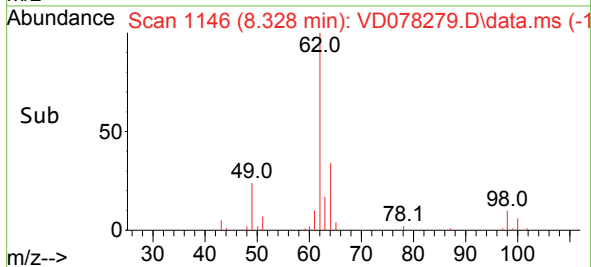
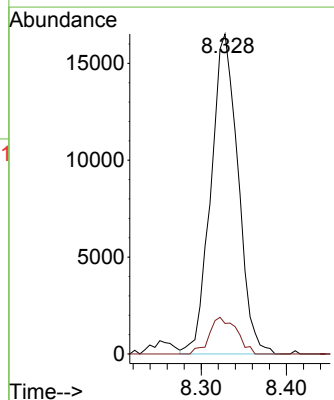
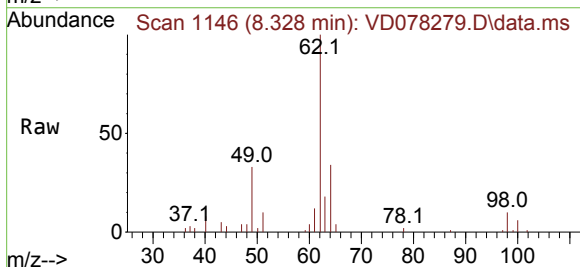
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

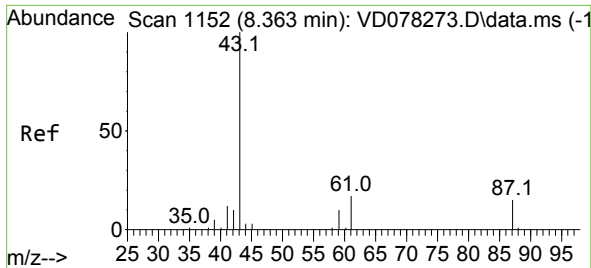
Tgt Ion: 41	Resp: 11538
Ion Ratio	Lower Upper
41 100	
39 53.4	34.0 51.0#
67 73.6	77.0 115.4#
52 30.6	27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.876 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 62	Resp: 36622
Ion Ratio	Lower Upper
62 100	
98 11.5	0.0 25.4

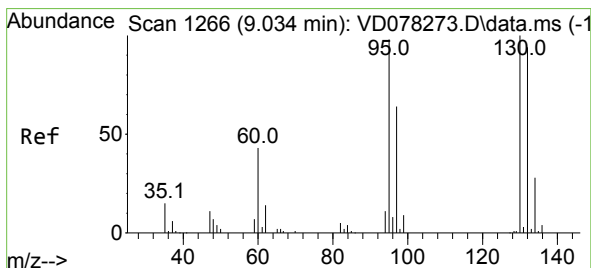
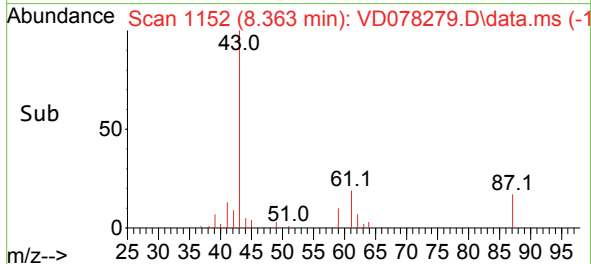
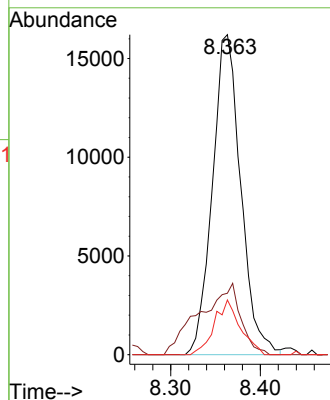
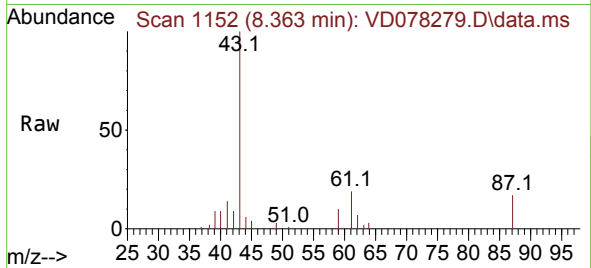




#43
Isopropyl Acetate
Concen: 21.167 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

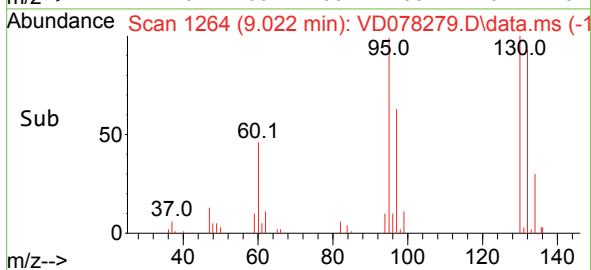
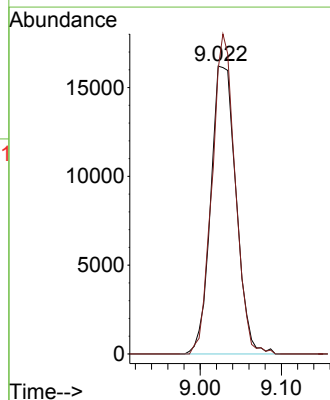
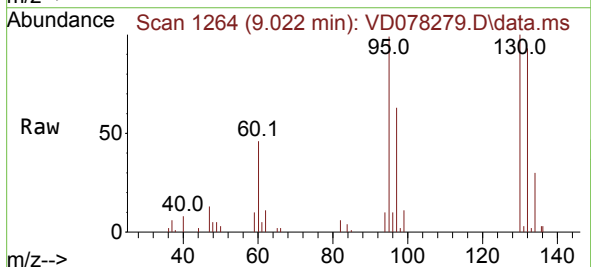
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

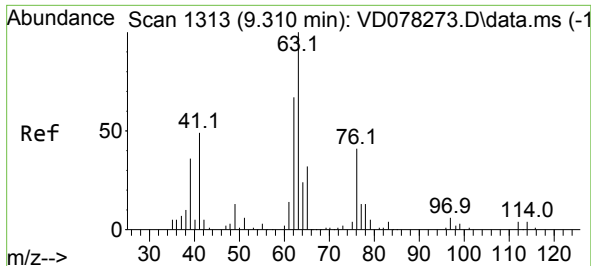
Tgt Ion: 43	Resp: 35564
Ion Ratio	Lower Upper
43 100	
61 32.0	31.4 47.0
87 15.7	14.9 22.3



#44
Trichloroethene
Concen: 20.152 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:130	Resp:	35154	
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.164 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

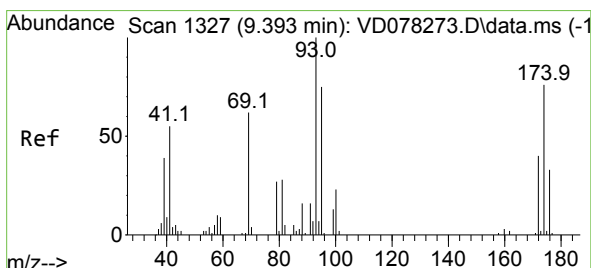
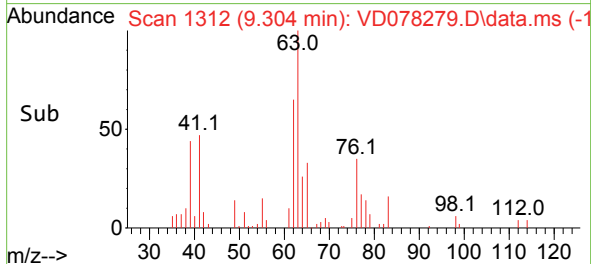
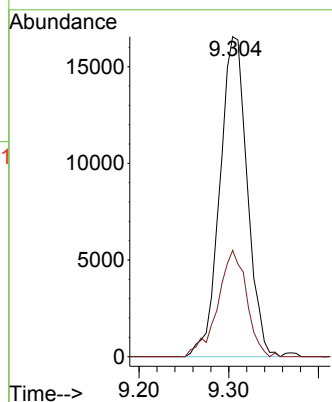
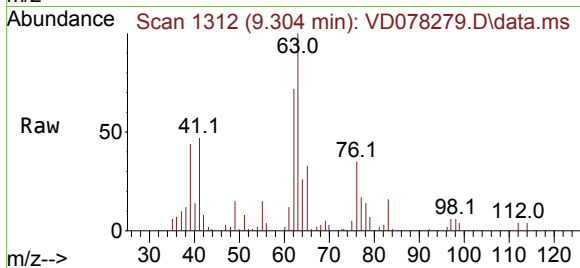
VD0130SBS01

Tgt Ion: 63 Resp: 35025

Ion Ratio Lower Upper

63 100

65 33.2 24.5 36.7



#46

Dibromomethane

Concen: 20.029 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

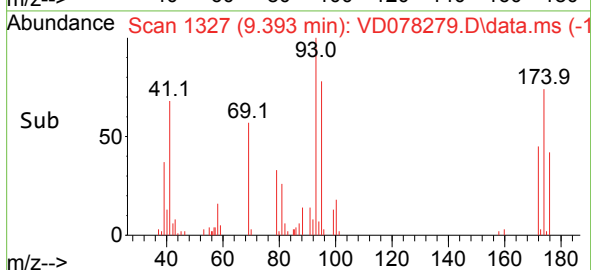
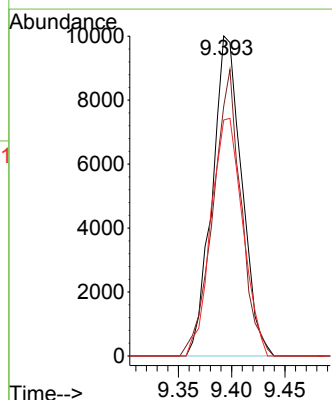
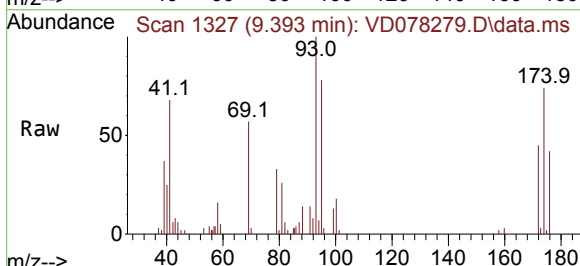
Tgt Ion: 93 Resp: 19303

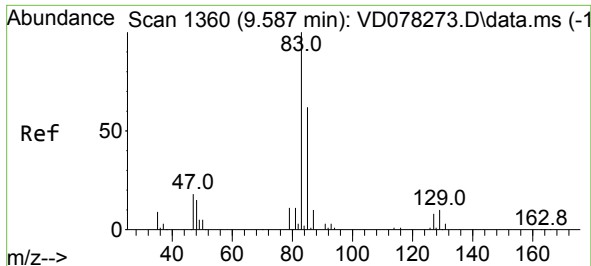
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

174 79.9 85.4 128.2#





#47

Bromodichloromethane

Concen: 20.225 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

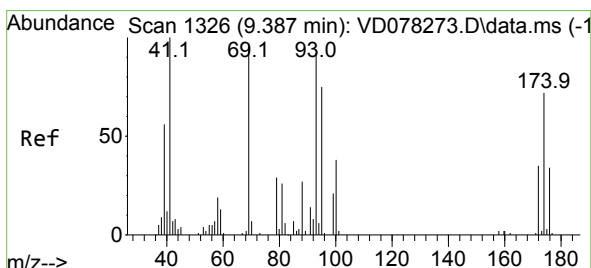
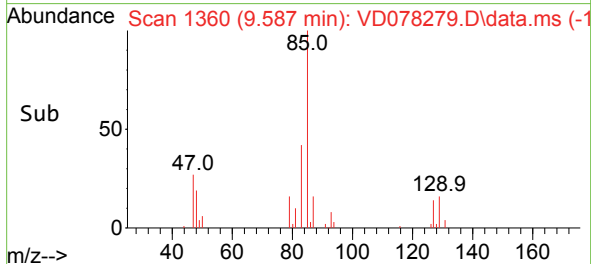
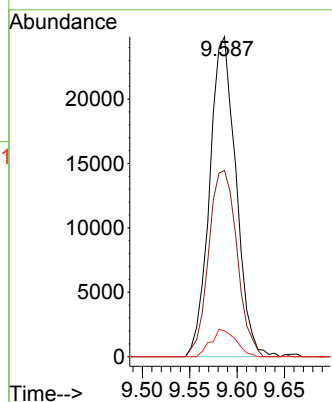
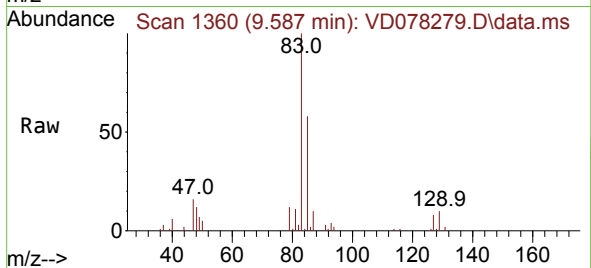
Tgt Ion: 83 Resp: 47957

Ion Ratio Lower Upper

83 100

85 58.2 50.2 75.4

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 22.260 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

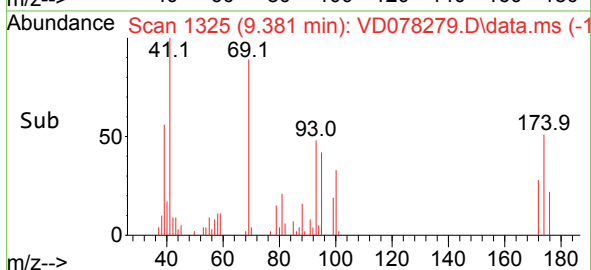
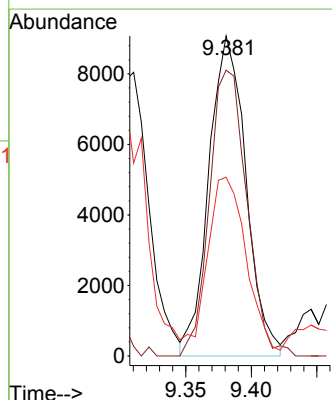
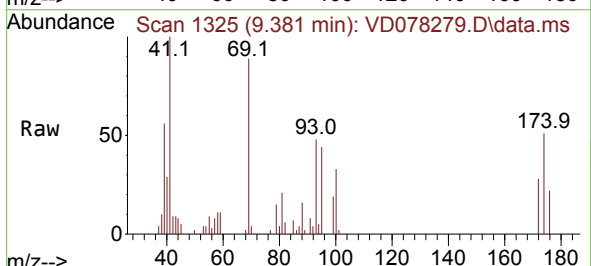
Tgt Ion: 41 Resp: 17872

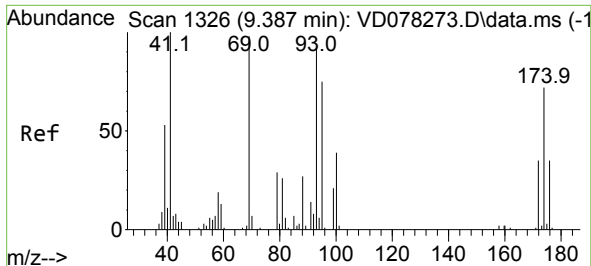
Ion Ratio Lower Upper

41 100

69 89.8 102.2 153.2#

39 54.9 41.4 62.2





#49

1,4-Dioxane

Concen: 382.395 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

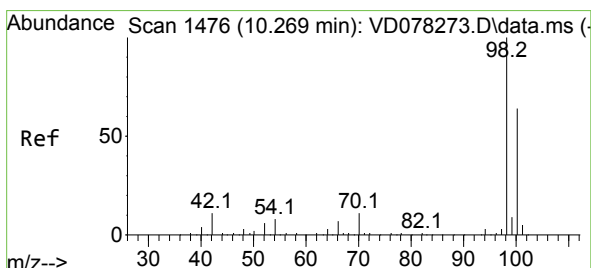
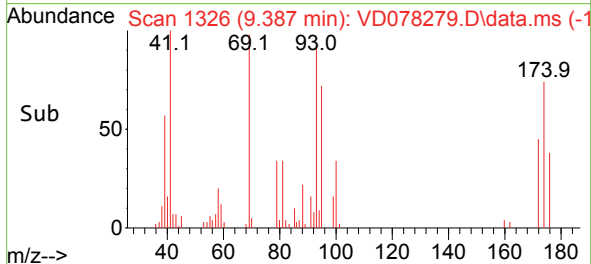
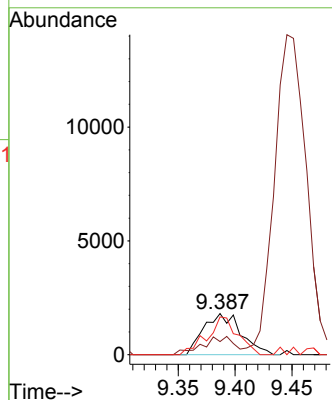
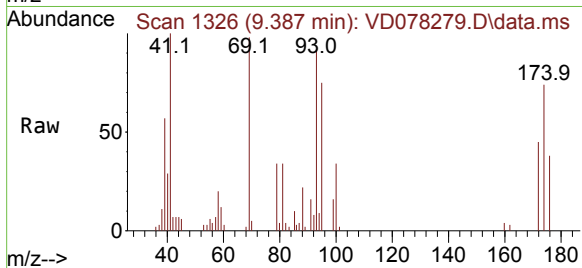
Tgt Ion: 88 Resp: 4134

Ion Ratio Lower Upper

88 100

43 36.5 19.0 28.6#

58 75.1 43.5 65.3#



#50

Toluene-d8

Concen: 52.627 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078279.D

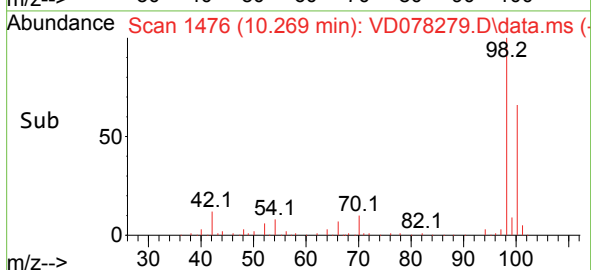
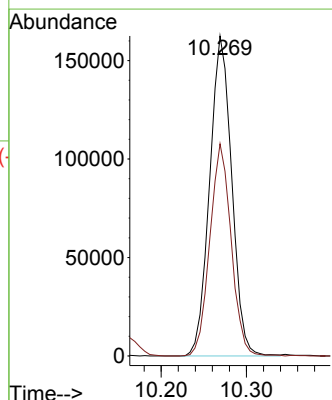
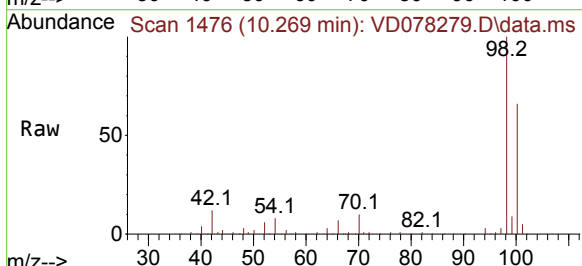
Acq: 30 Jan 2024 15:14

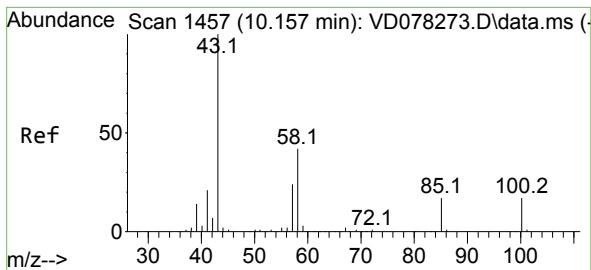
Tgt Ion: 98 Resp: 292551

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

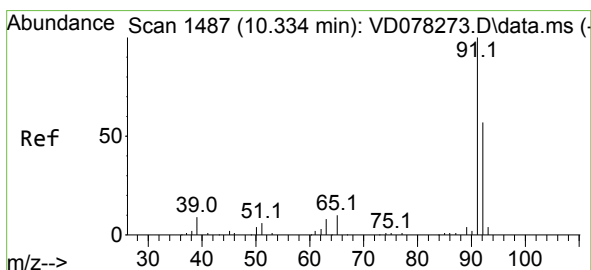
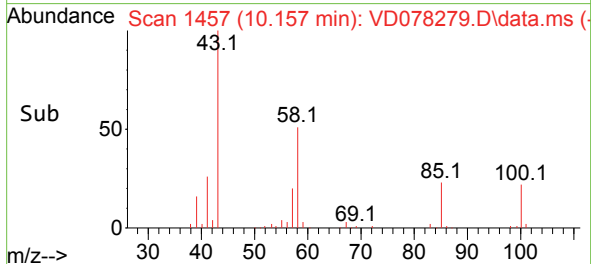
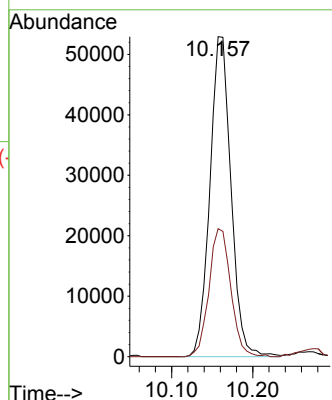
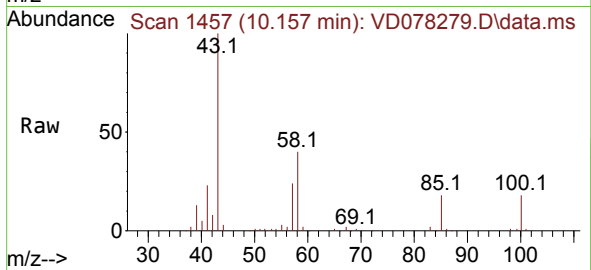




#51
4-Methyl-2-Pentanone
Concen: 105.302 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

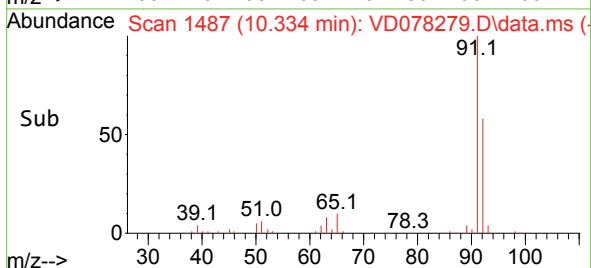
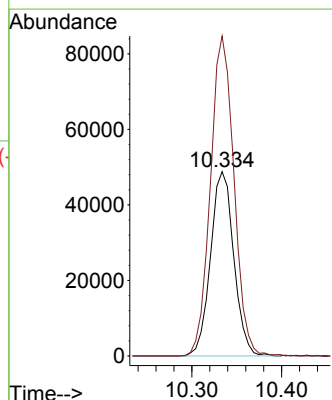
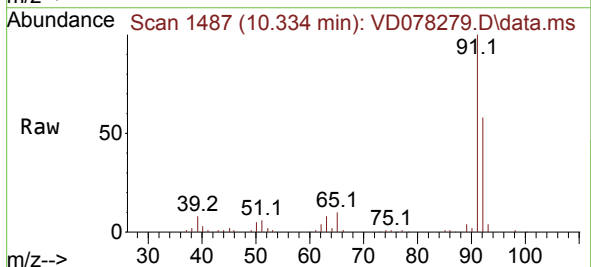
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

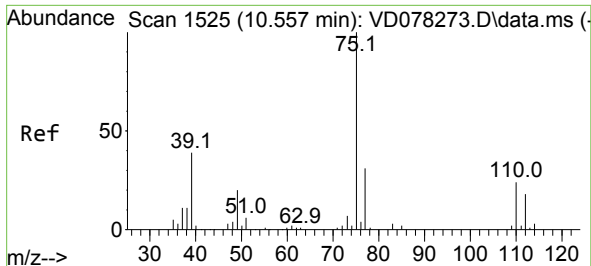
Tgt Ion: 43 Resp: 95712
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3



#52
Toluene
Concen: 20.404 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 92 Resp: 87924
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4

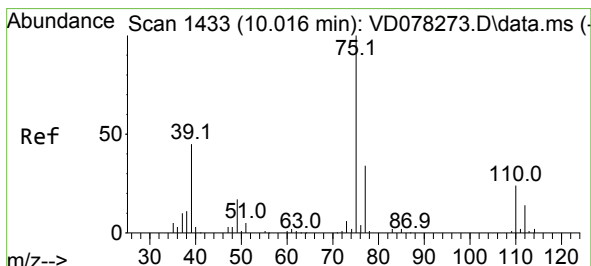
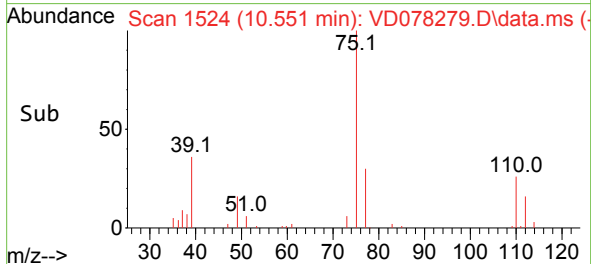
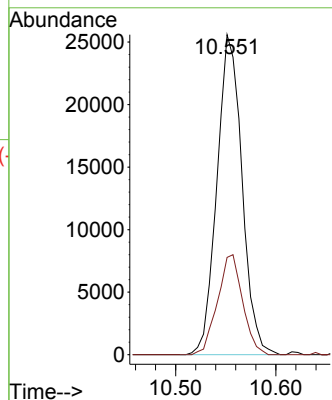
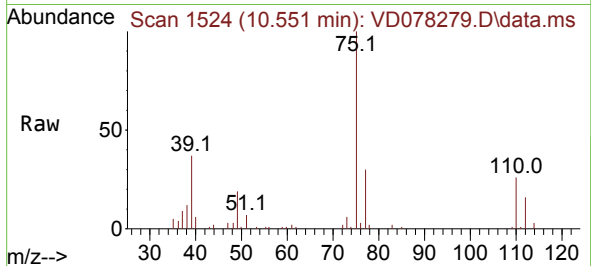




#53
 t-1,3-Dichloropropene
 Concen: 20.017 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

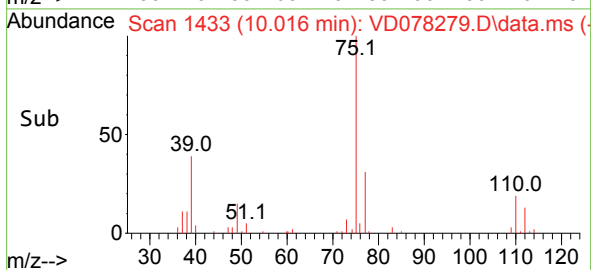
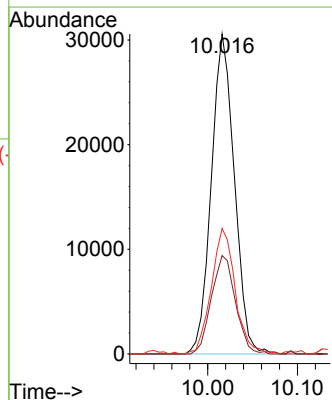
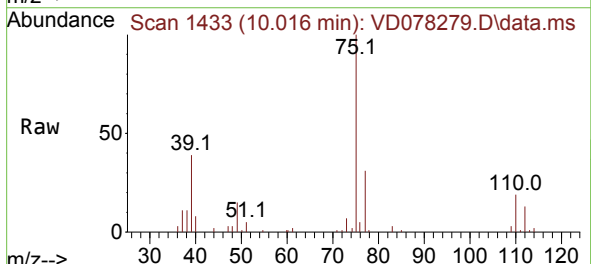
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

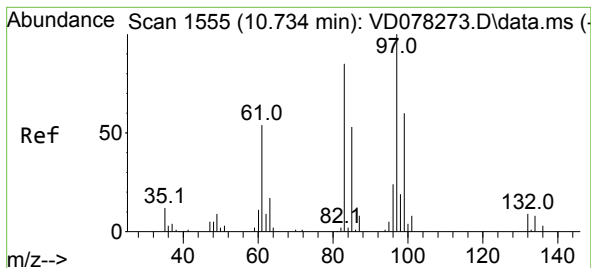
Tgt Ion: 75 Resp: 44333
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.790 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

Tgt Ion: 75 Resp: 54510
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 39.2 22.1 33.1#

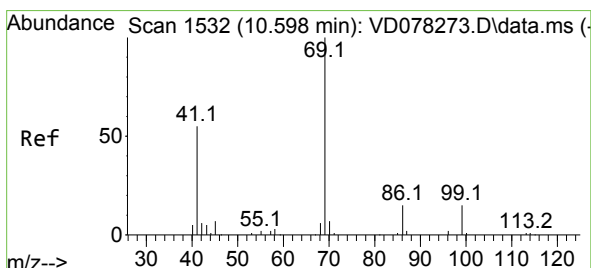
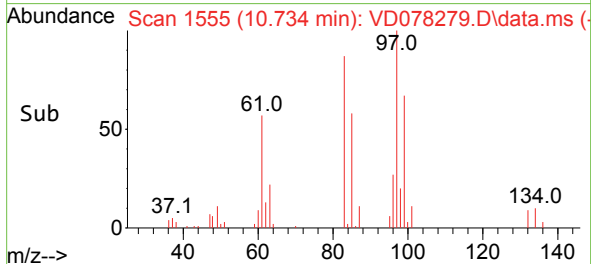
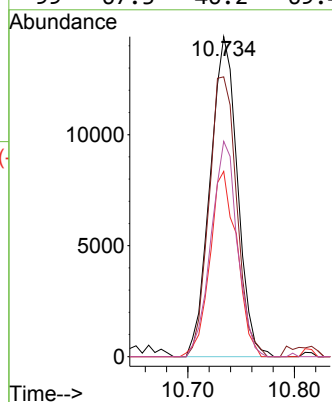
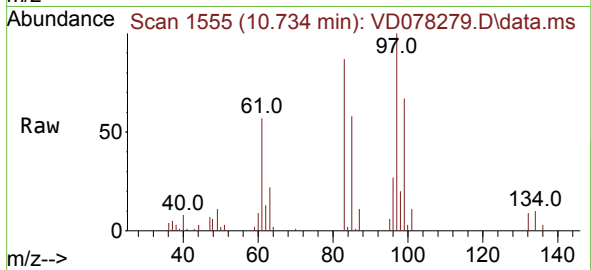




#55
1,1,2-Trichloroethane
Concen: 20.388 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

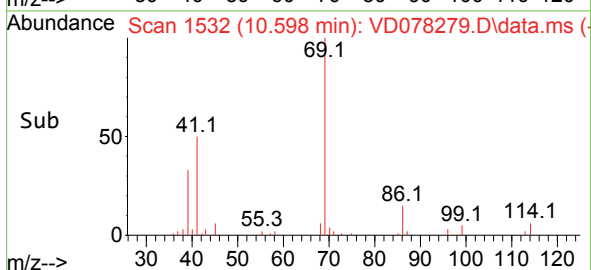
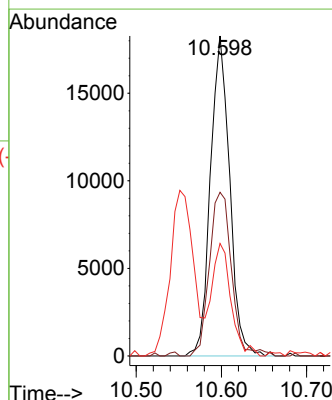
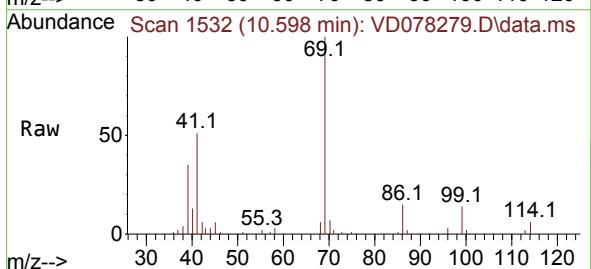
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

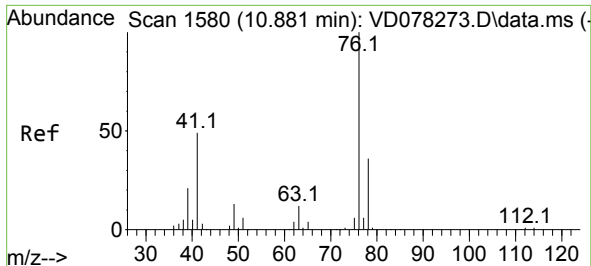
Tgt Ion: 97	Resp: 25641
Ion Ratio	Lower Upper
97 100	
83 87.4	65.8 98.6
85 57.9	45.7 68.5
99 67.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.154 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 69	Resp: 28749
Ion Ratio	Lower Upper
69 100	
41 59.0	39.1 58.7#
39 34.4	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.635 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

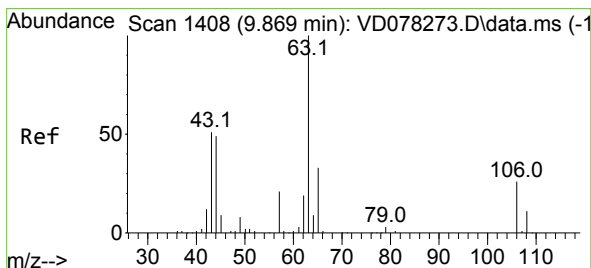
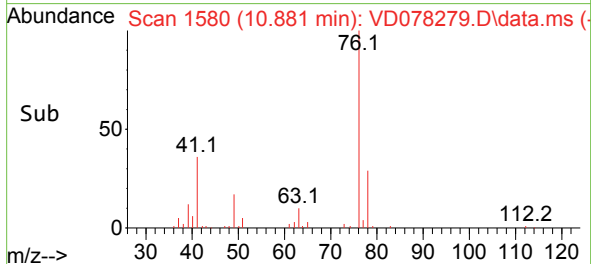
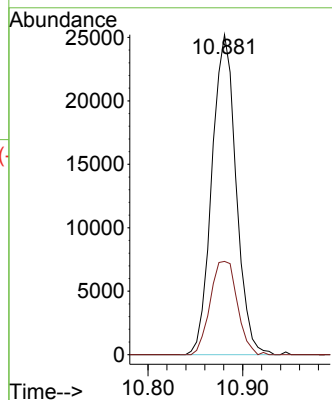
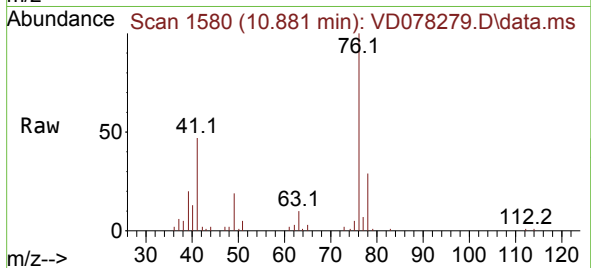
VD0130SBS01

Tgt Ion: 76 Resp: 44746

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.630 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078279.D

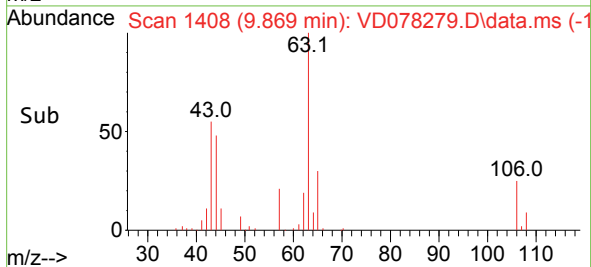
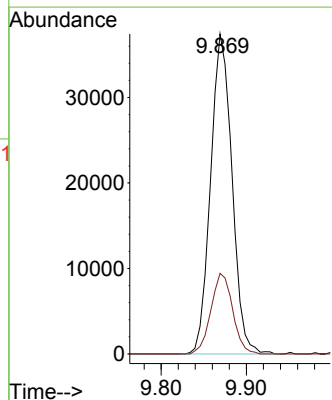
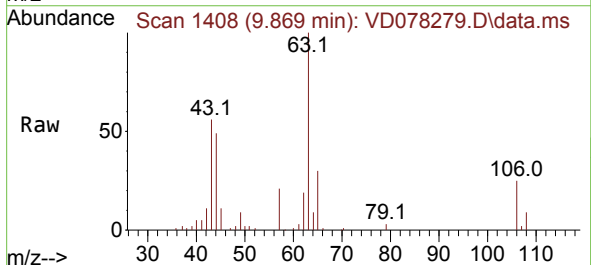
Acq: 30 Jan 2024 15:14

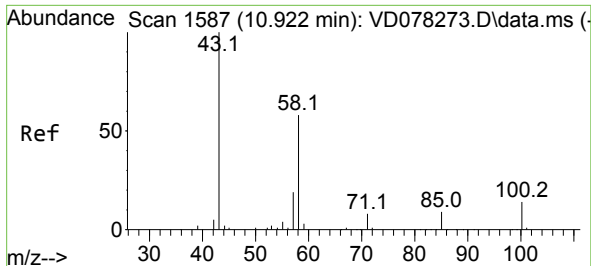
Tgt Ion: 63 Resp: 65279

Ion Ratio Lower Upper

63 100

106 25.6 25.3 37.9

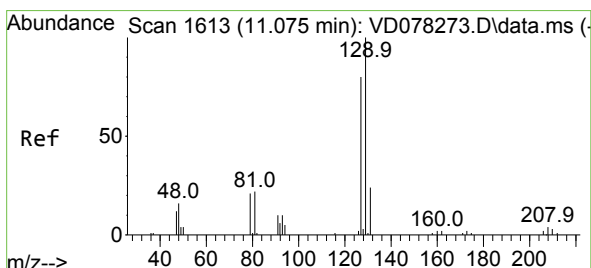
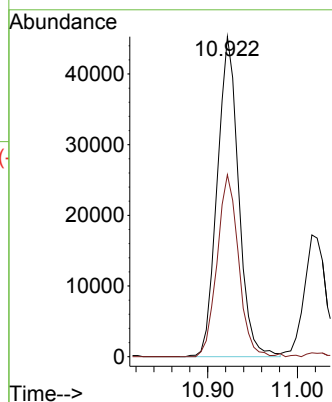
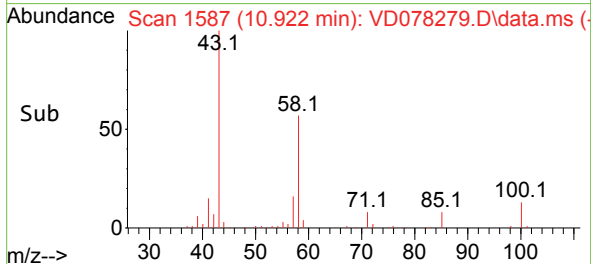
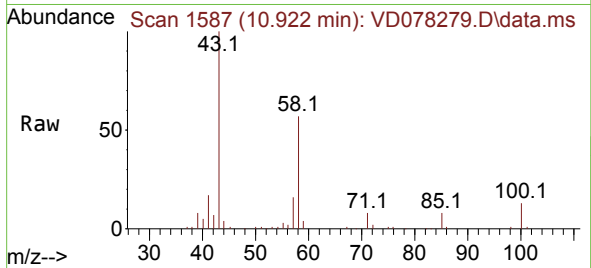




#59
2-Hexanone
Concen: 109.276 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

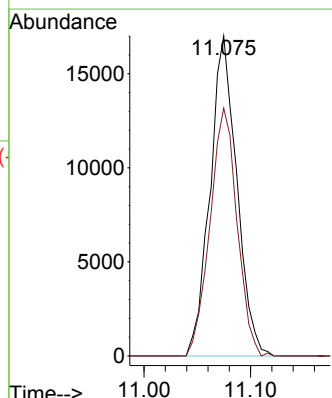
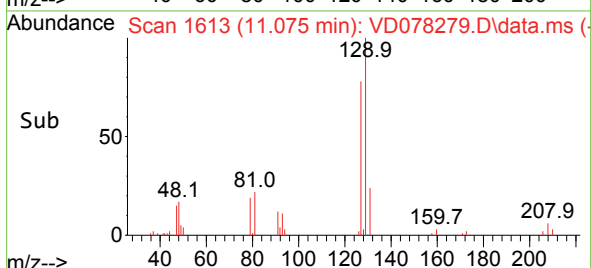
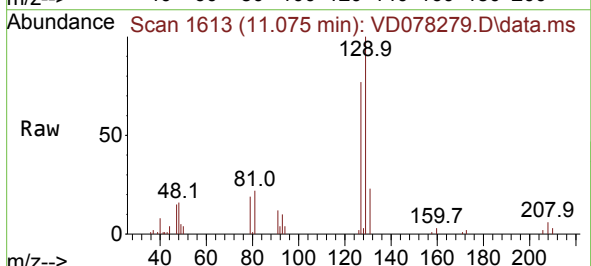
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

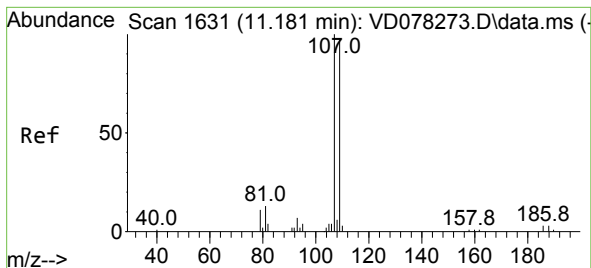
Tgt Ion: 43 Resp: 74804
Ion Ratio Lower Upper
43 100
58 56.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.314 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 129 Resp: 29656
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.263 ug/l

RT: 11.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

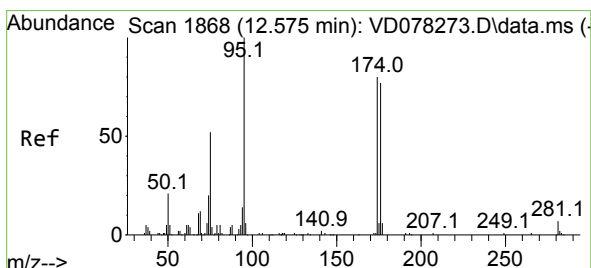
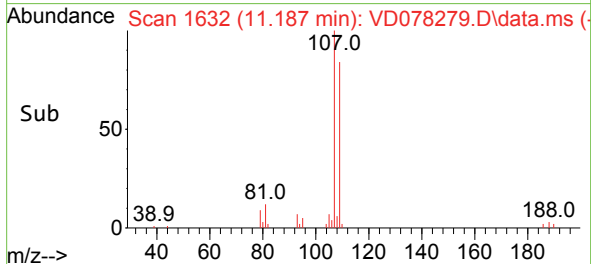
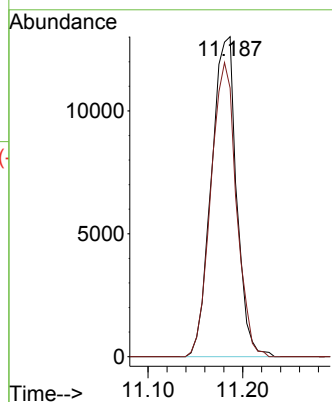
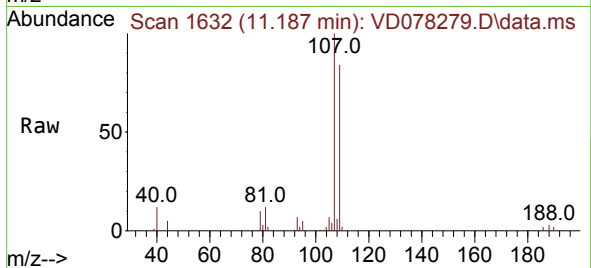
VD0130SBS01

Tgt Ion:107 Resp: 24060

Ion Ratio Lower Upper

107 100

109 93.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.077 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

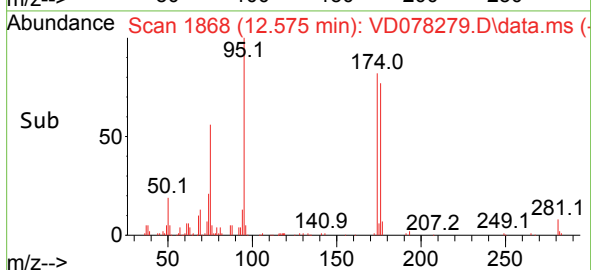
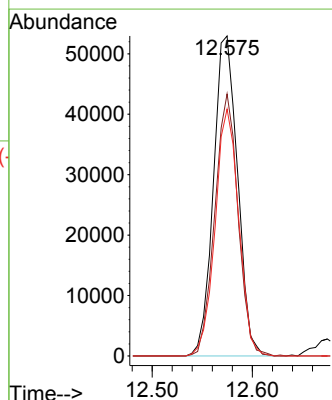
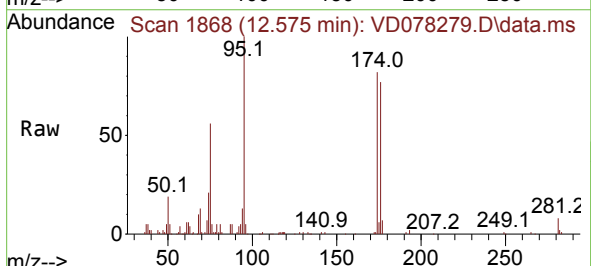
Tgt Ion: 95 Resp: 88361

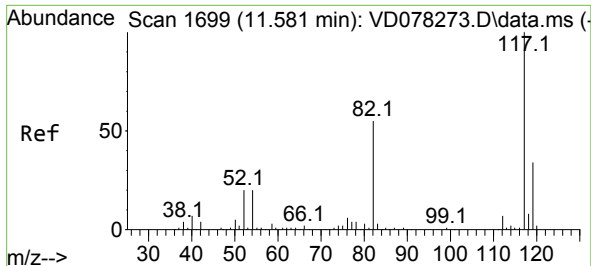
Ion Ratio Lower Upper

95 100

174 79.0 0.0 201.8

176 75.4 0.0 191.8

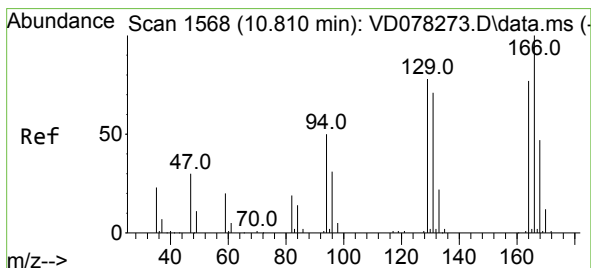
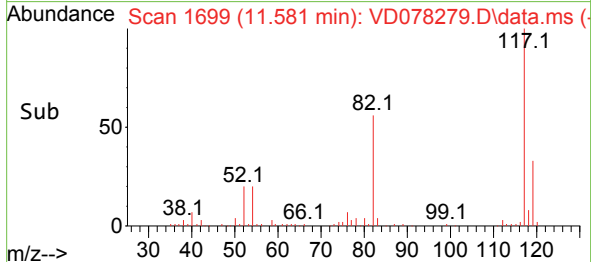
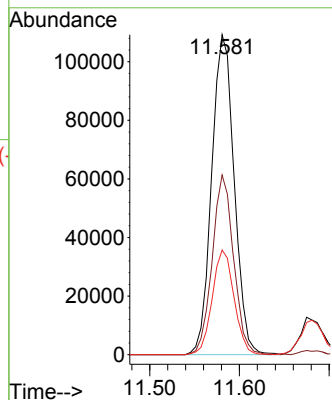
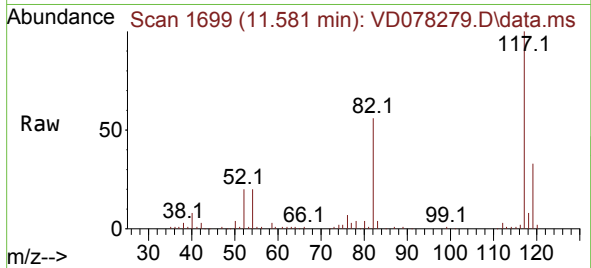




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

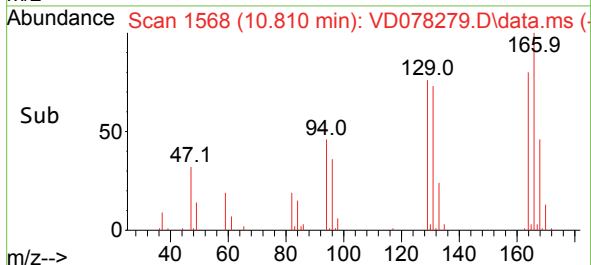
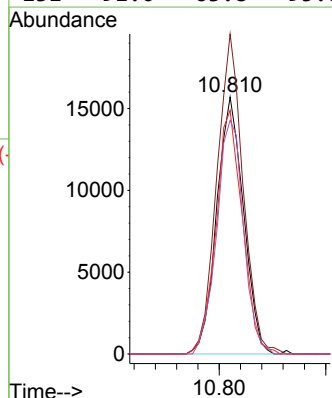
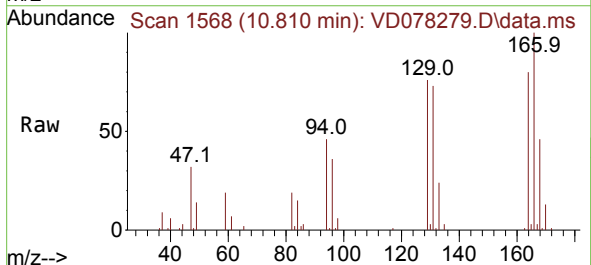
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

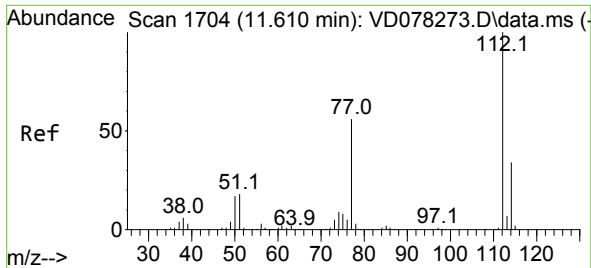
Tgt Ion:117 Resp: 190402
Ion Ratio Lower Upper
117 100
82 56.1 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 20.583 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:164 Resp: 27334
Ion Ratio Lower Upper
164 100
166 124.5 99.2 148.8
129 94.8 68.4 102.6
131 91.0 63.8 95.8

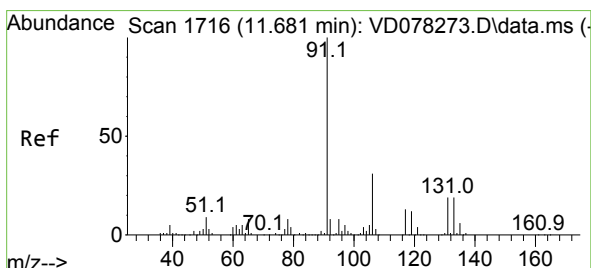
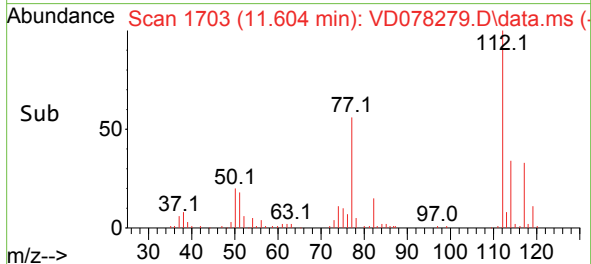
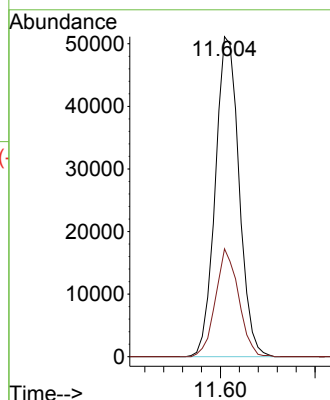
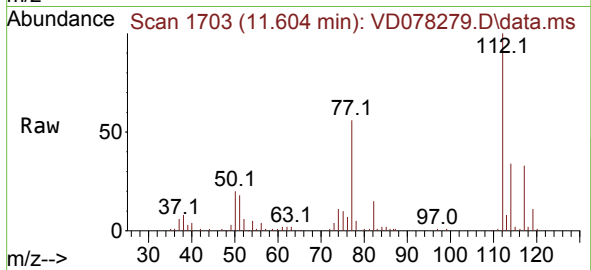




#65
Chlorobenzene
Concen: 19.578 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

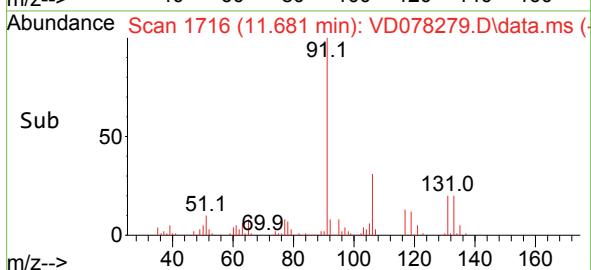
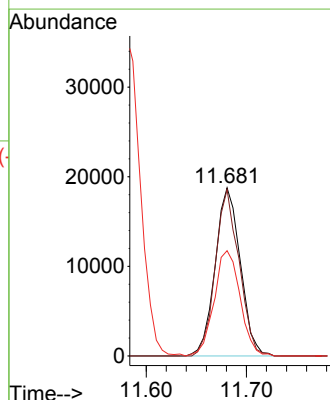
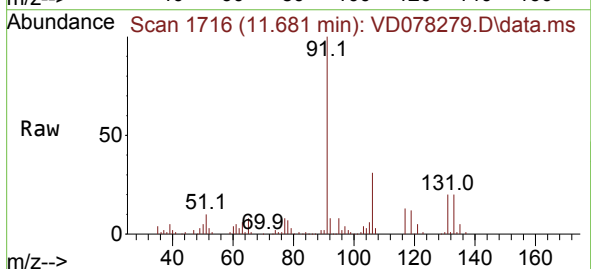
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

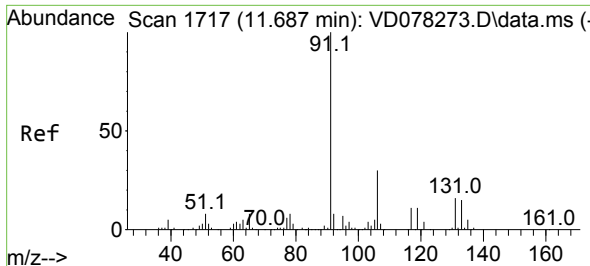
Tgt Ion:112 Resp: 89184
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.178 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:131 Resp: 32726
Ion Ratio Lower Upper
131 100
133 93.4 48.5 145.5
119 64.6 35.6 106.9

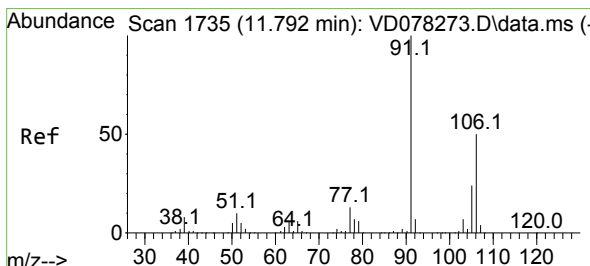
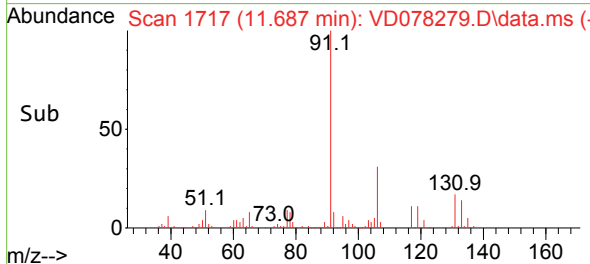
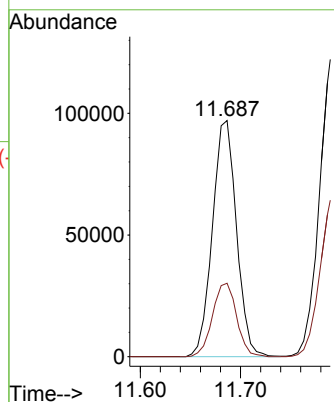
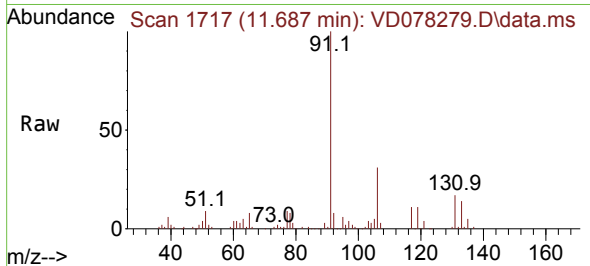




#67
Ethyl Benzene
Concen: 19.620 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

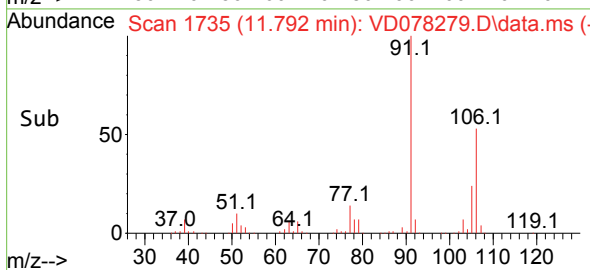
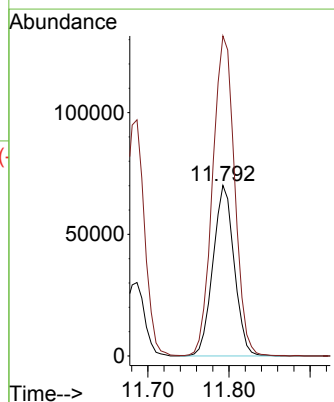
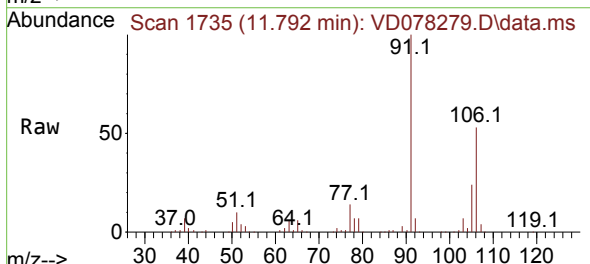
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

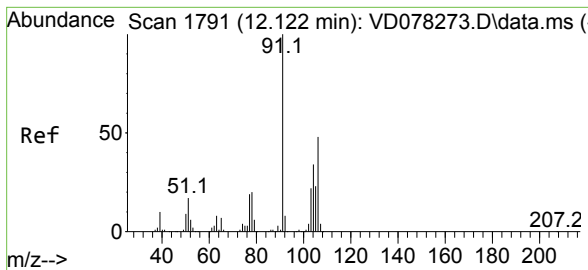
Tgt Ion: 91 Resp: 161892
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 40.066 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 106 Resp: 127190
Ion Ratio Lower Upper
106 100
91 195.2 147.0 220.6

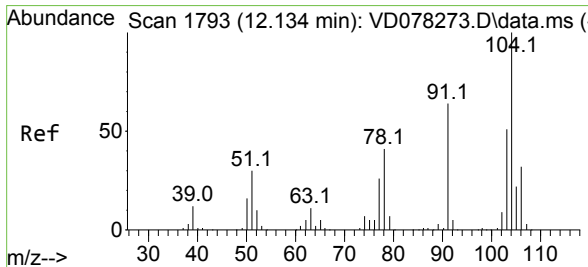
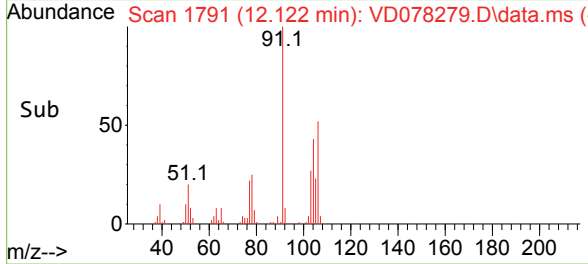
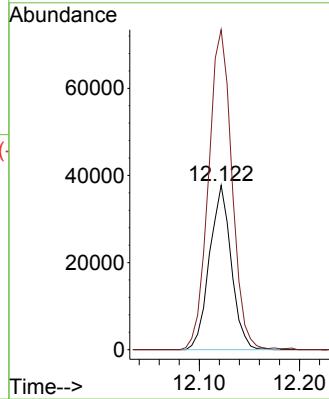
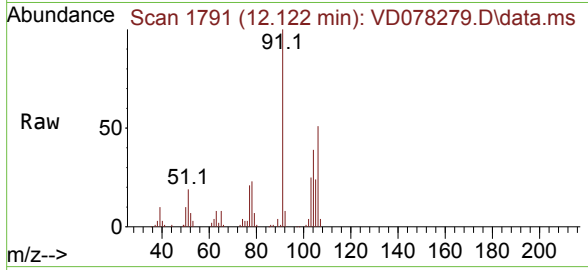




#69
o-Xylene
Concen: 19.513 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

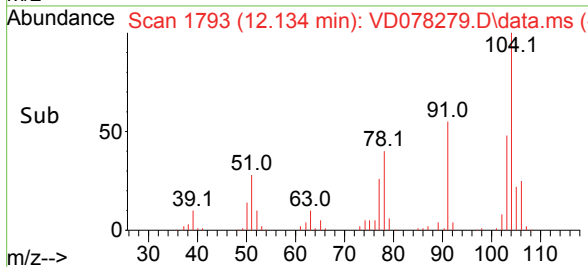
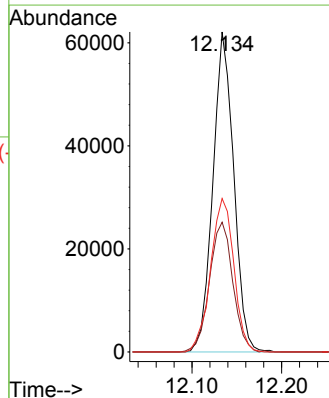
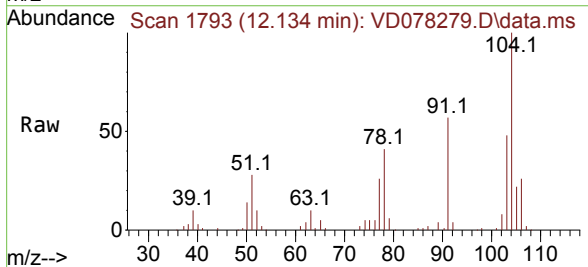
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

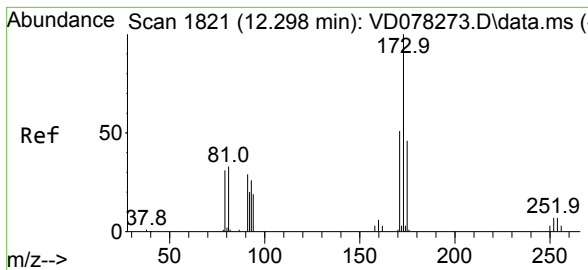
Tgt Ion:106 Resp: 56926
Ion Ratio Lower Upper
106 100
91 210.4 97.9 293.6



#70
Styrene
Concen: 20.112 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:104 Resp: 100202
Ion Ratio Lower Upper
104 100
78 45.5 33.2 49.8
103 53.4 43.6 65.4

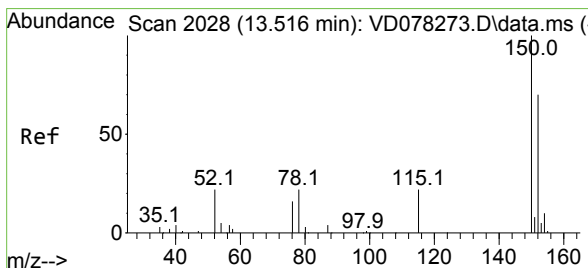
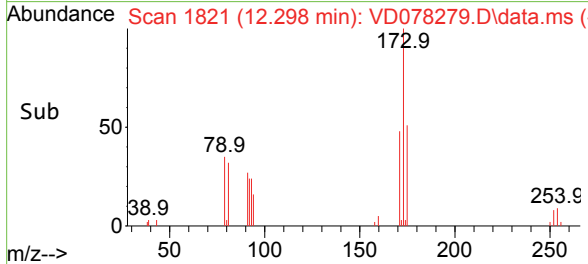
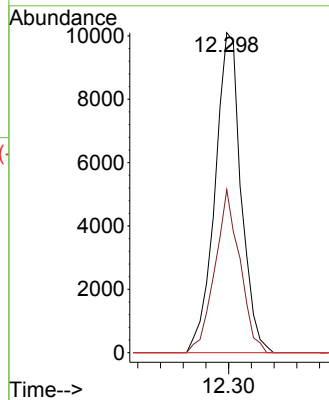
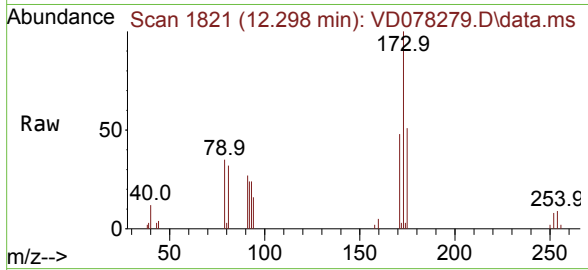




#71
Bromoform
Concen: 20.227 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

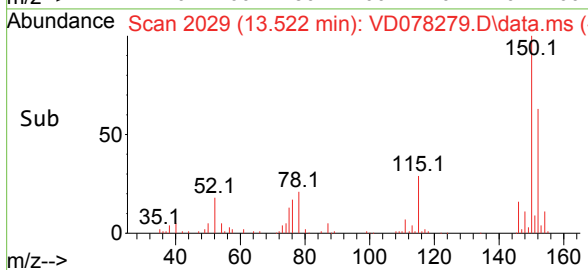
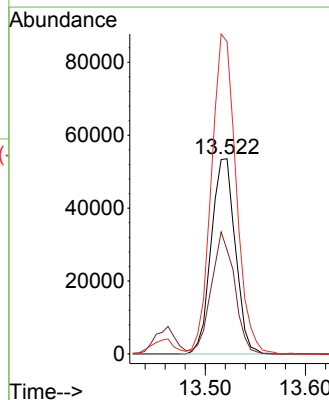
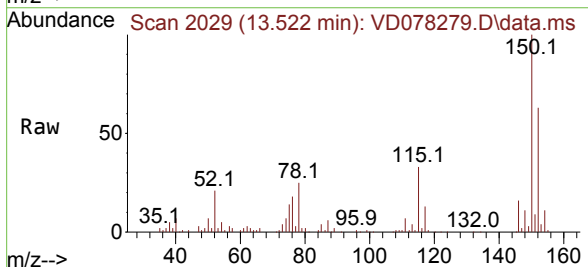
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

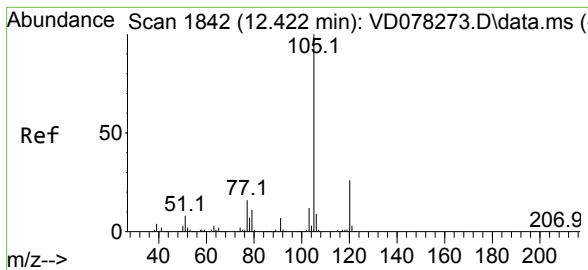
Tgt Ion:173 Resp: 16157
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:152 Resp: 89224
Ion Ratio Lower Upper
152 100
115 59.9 27.1 81.3
150 167.6 0.0 353.6

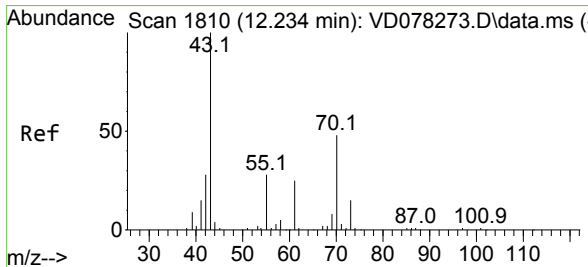
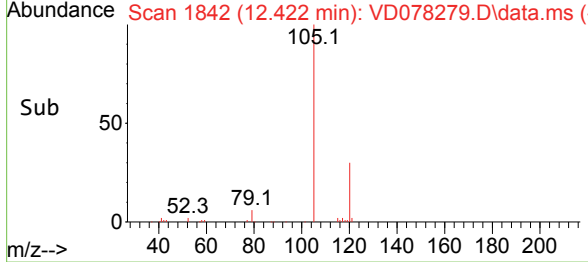
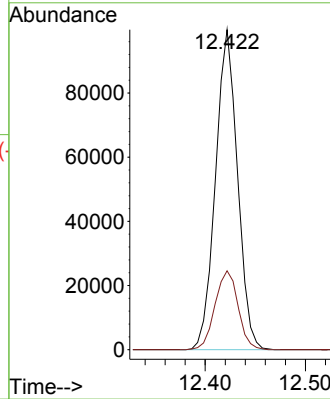
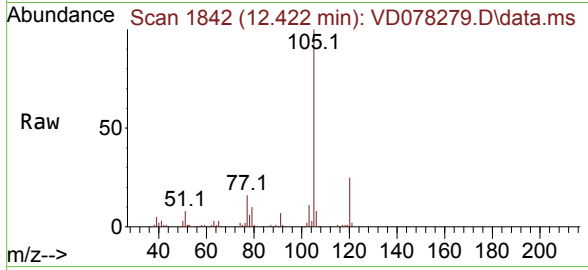




#73
Isopropylbenzene
Concen: 20.108 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

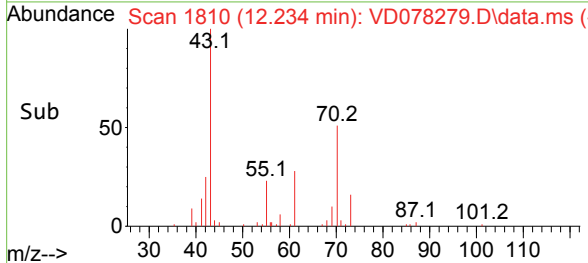
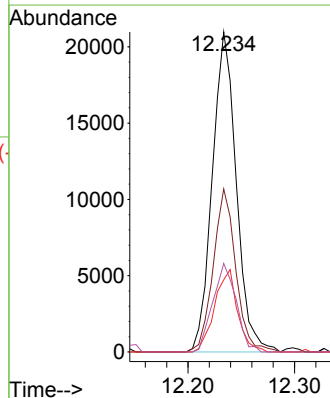
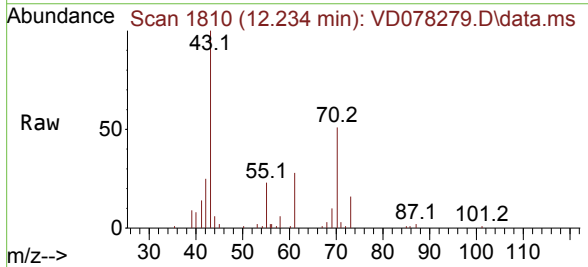
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

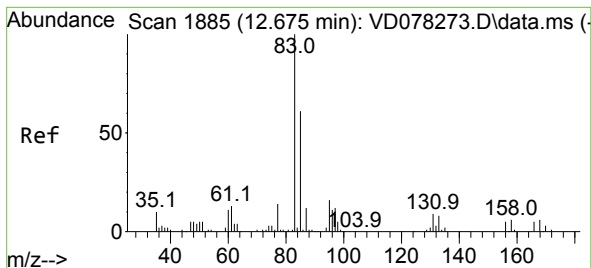
Tgt Ion:105 Resp: 151797
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 20.993 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 43 Resp: 32776
Ion Ratio Lower Upper
43 100
70 48.0 45.0 67.4
55 24.6 23.8 35.6
61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.864 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

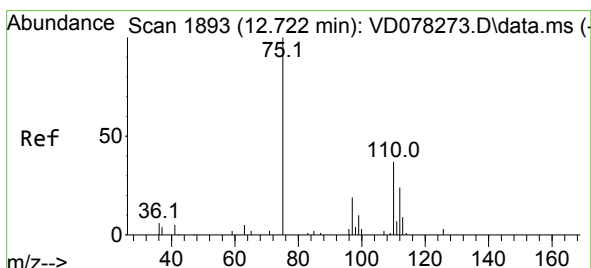
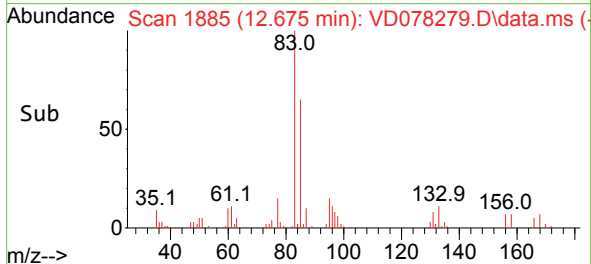
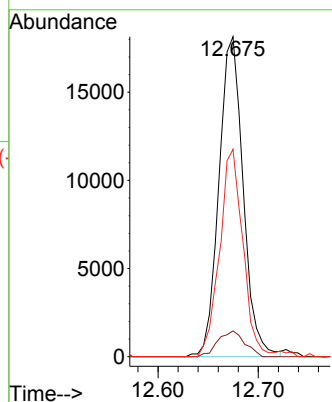
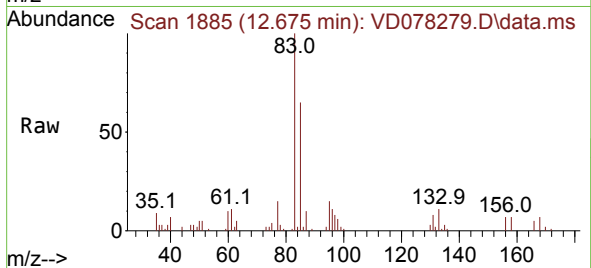
Tgt Ion: 83 Resp: 30417

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 62.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 40.119 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078279.D

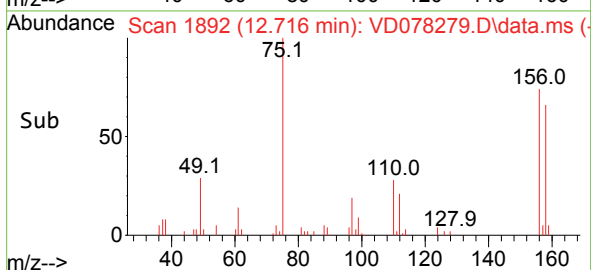
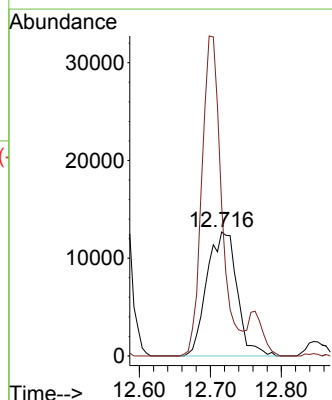
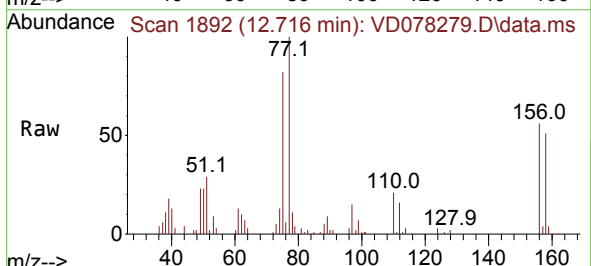
Acq: 30 Jan 2024 15:14

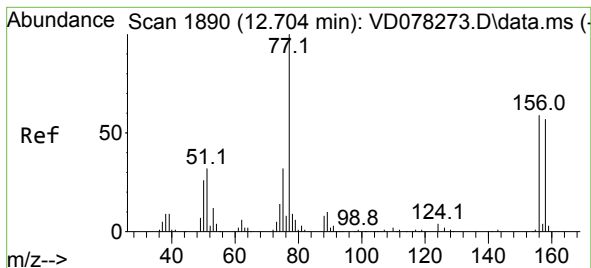
Tgt Ion: 75 Resp: 37413

Ion Ratio Lower Upper

75 100

77 169.6 0.0 0.0#





#77

Bromobenzene

Concen: 20.040 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

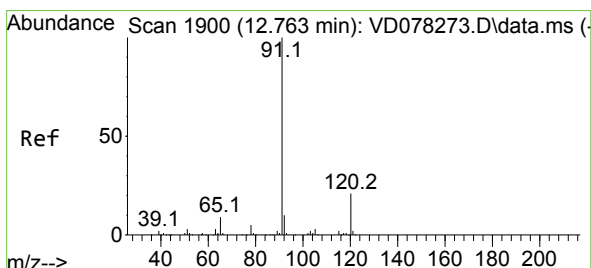
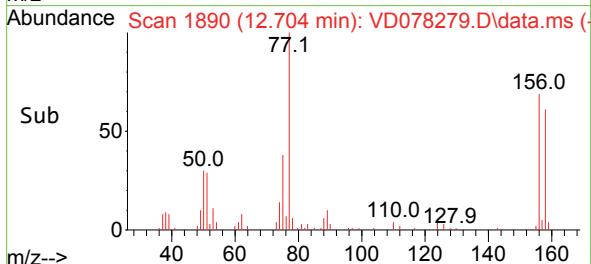
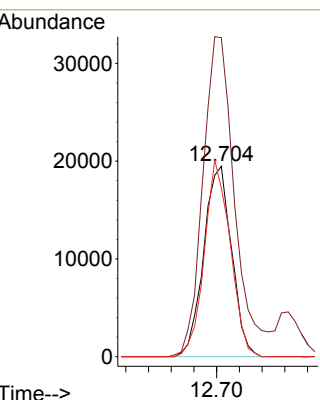
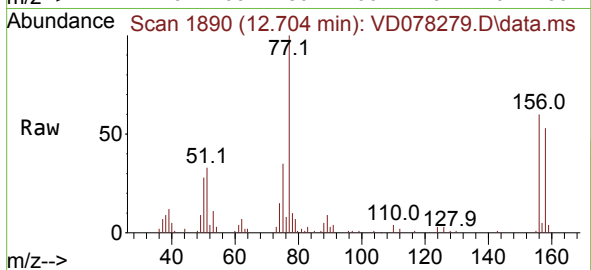
Tgt Ion:156 Resp: 33292

Ion Ratio Lower Upper

156 100

77 190.6 76.8 230.4

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.205 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078279.D

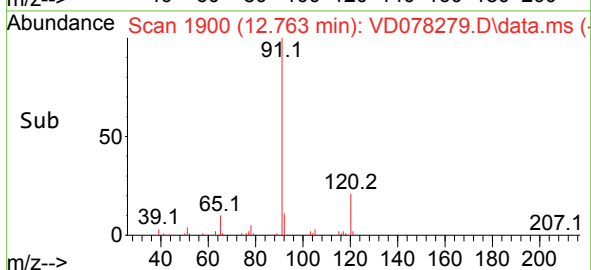
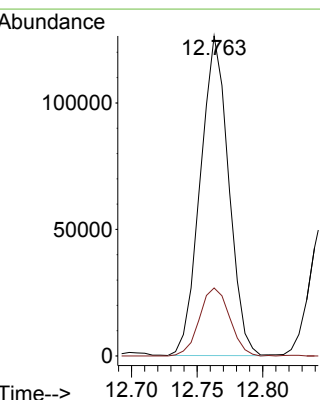
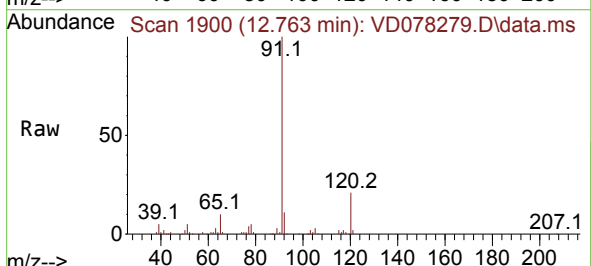
Acq: 30 Jan 2024 15:14

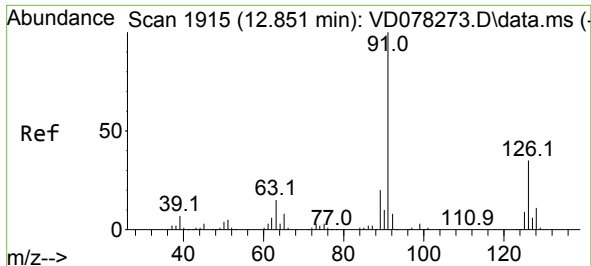
Tgt Ion: 91 Resp: 190009

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

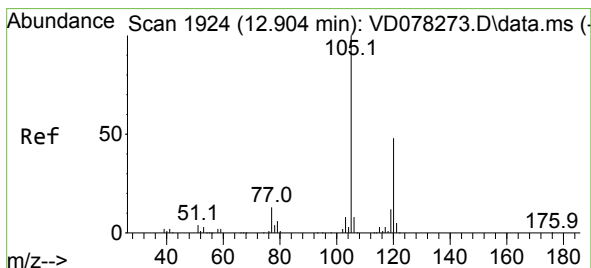
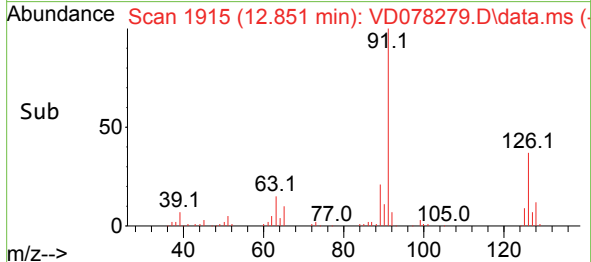
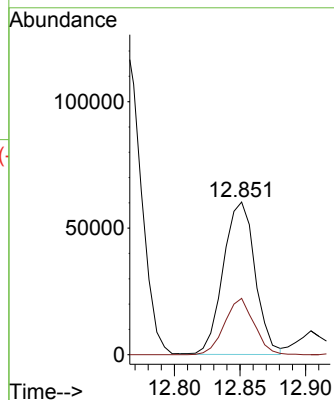
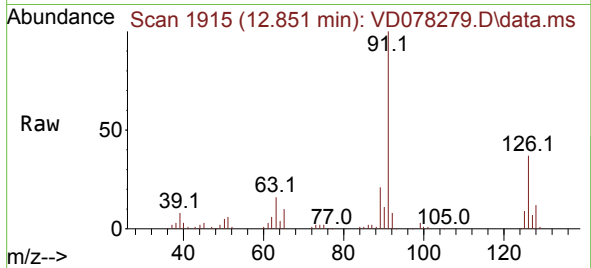




#79
2-Chlorotoluene
Concen: 20.263 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

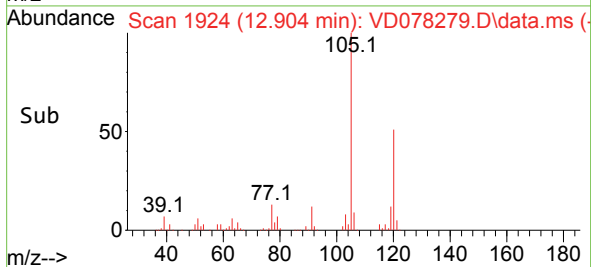
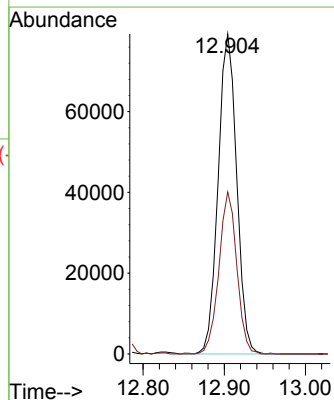
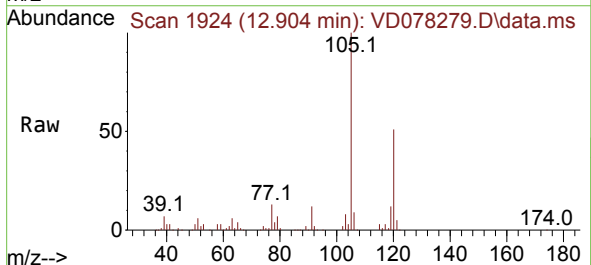
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

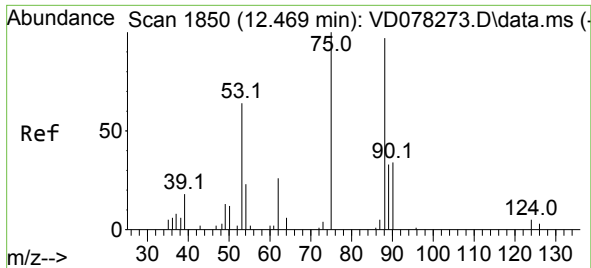
Tgt Ion: 91 Resp: 102005
Ion Ratio Lower Upper
91 100
126 34.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.501 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 105 Resp: 125902
Ion Ratio Lower Upper
105 100
120 48.8 26.4 79.2

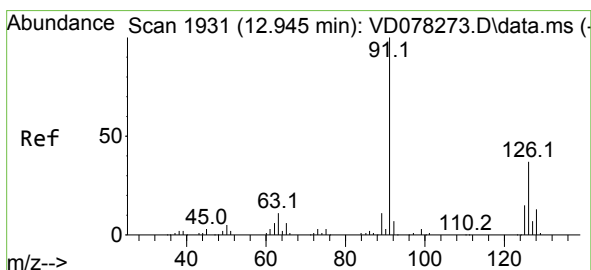
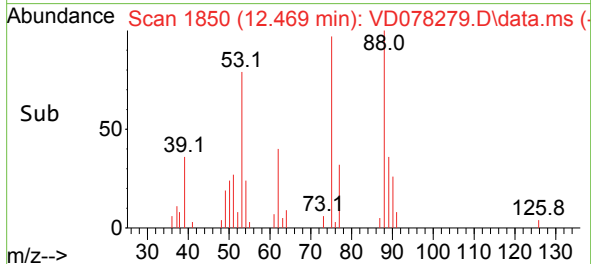
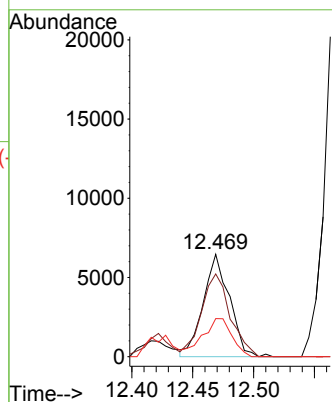
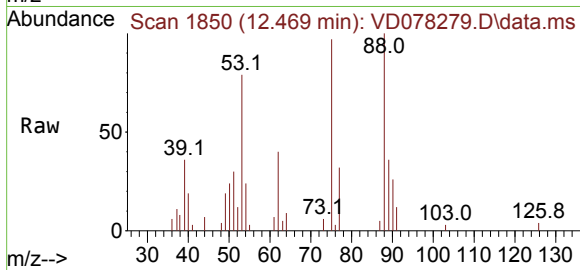




#81
trans-1,4-Dichloro-2-butene
Concen: 20.612 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

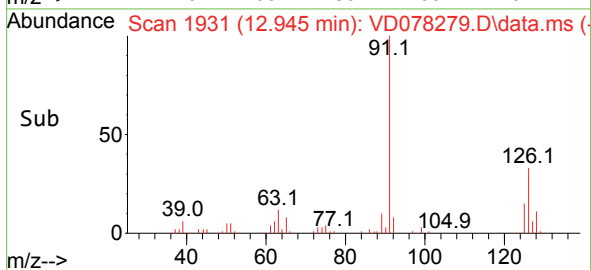
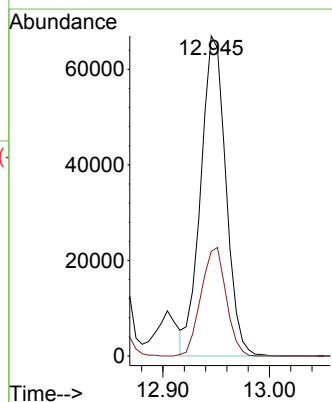
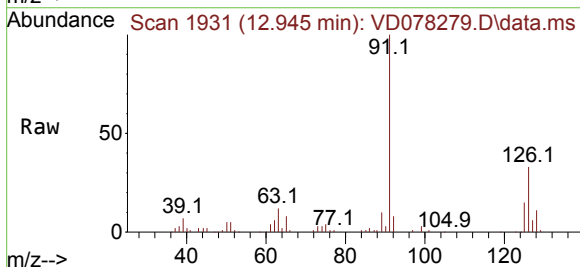
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

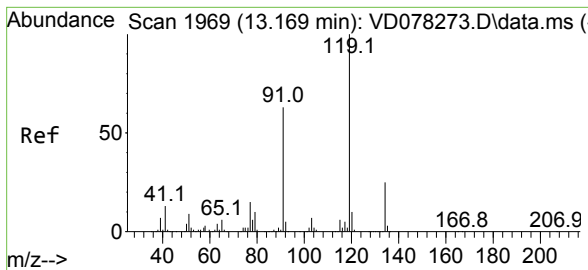
Tgt Ion:	75	Resp:	9665
Ion	Ratio	Lower	Upper
75	100		
53	88.9	63.0	94.4
89	41.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.544 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:	91	Resp:	110253
Ion	Ratio	Lower	Upper
91	100		
126	33.8	19.4	58.4





#83

tert-Butylbenzene

Concen: 19.895 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

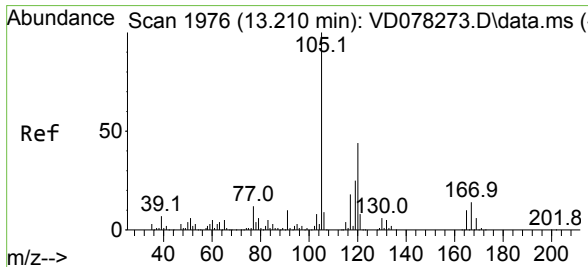
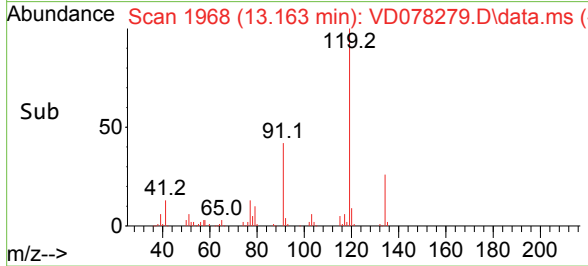
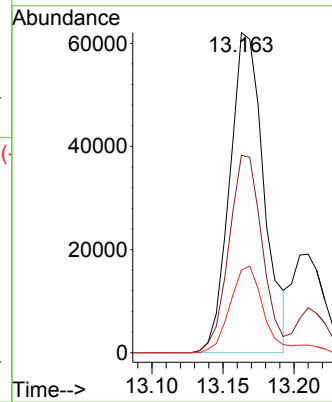
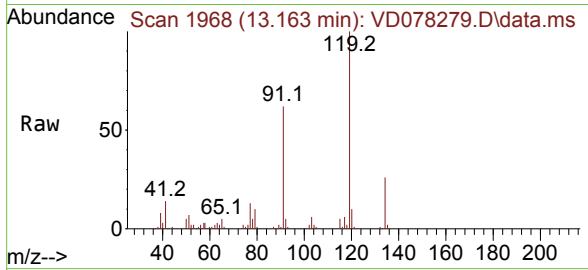
Tgt Ion:119 Resp: 104257

Ion Ratio Lower Upper

119 100

91 60.0 29.3 87.8

134 27.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.148 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078279.D

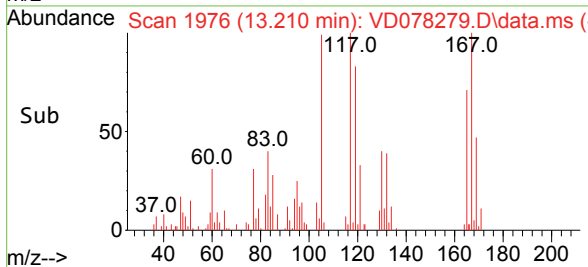
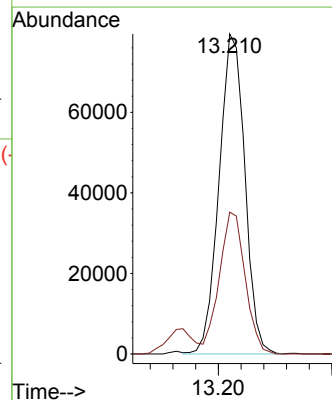
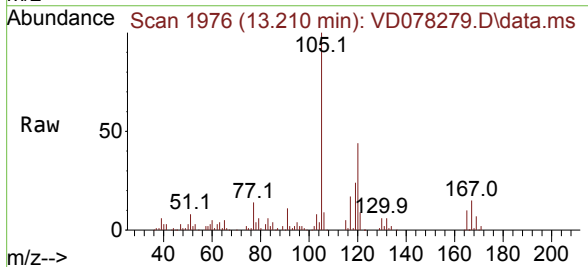
Acq: 30 Jan 2024 15:14

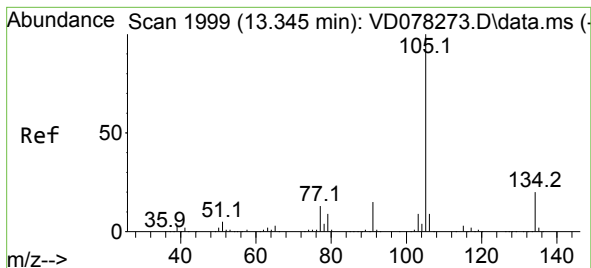
Tgt Ion:105 Resp: 125190

Ion Ratio Lower Upper

105 100

120 44.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.173 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

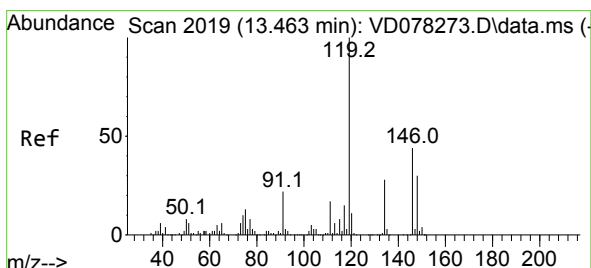
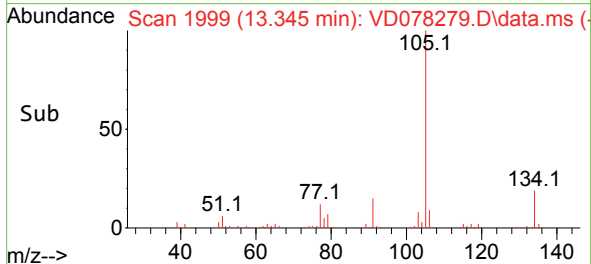
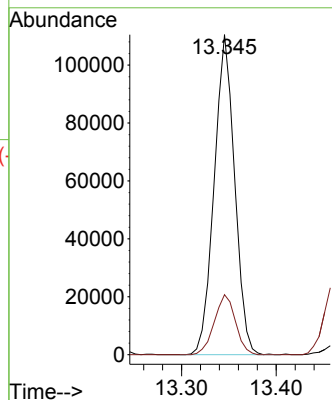
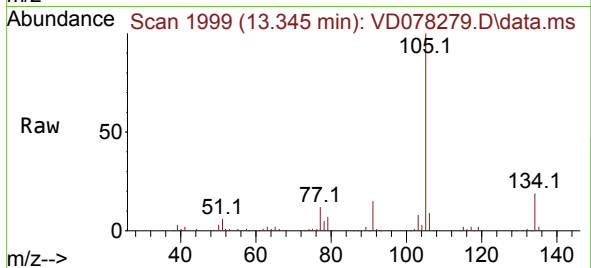
VD0130SBS01

Tgt Ion:105 Resp: 165908

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.247 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

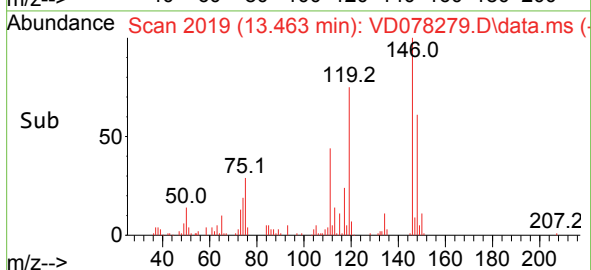
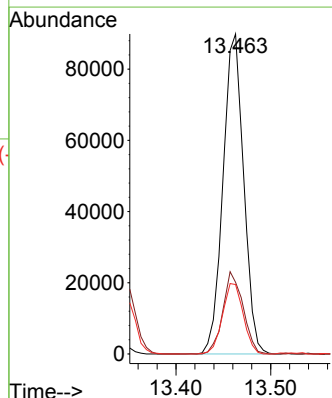
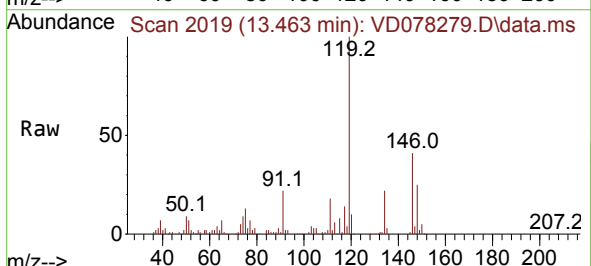
Tgt Ion:119 Resp: 136385

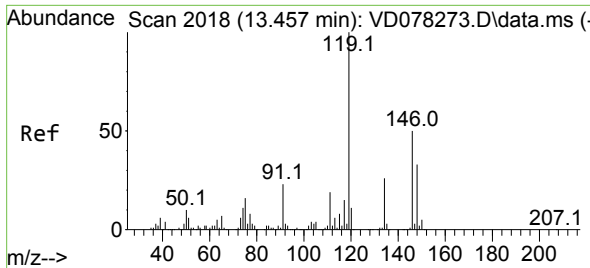
Ion Ratio Lower Upper

119 100

134 25.1 14.2 42.6

91 22.1 10.5 31.5

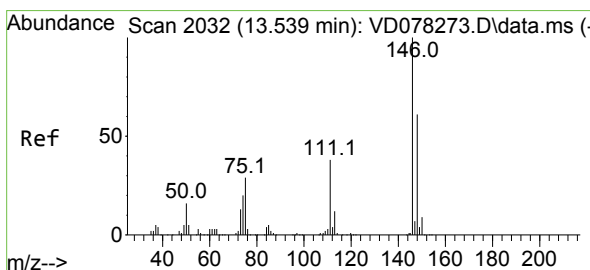
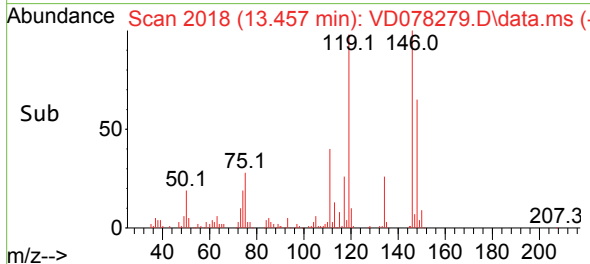
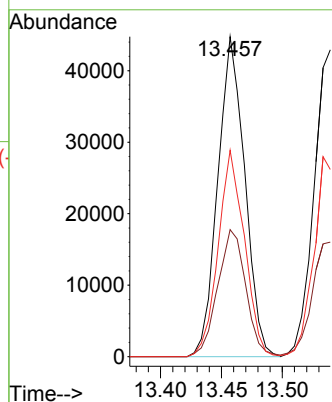
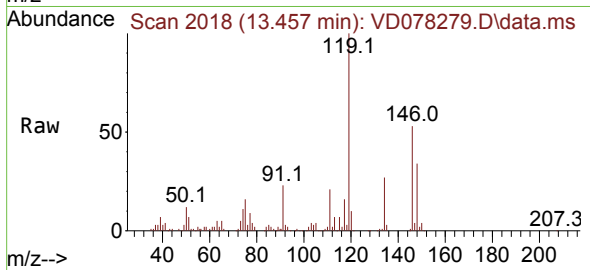




#87
1,3-Dichlorobenzene
Concen: 19.962 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

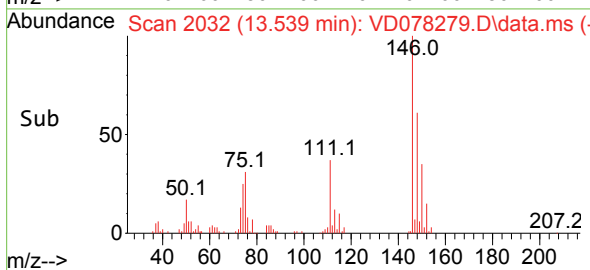
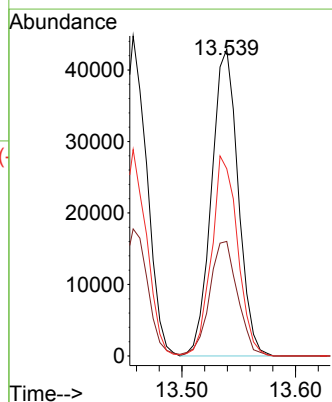
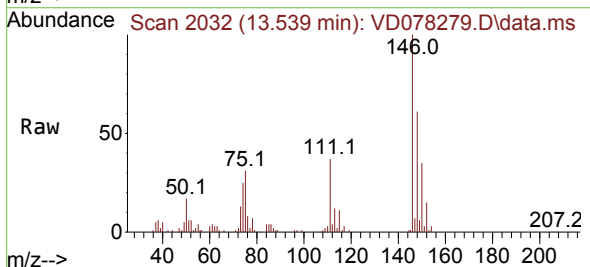
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

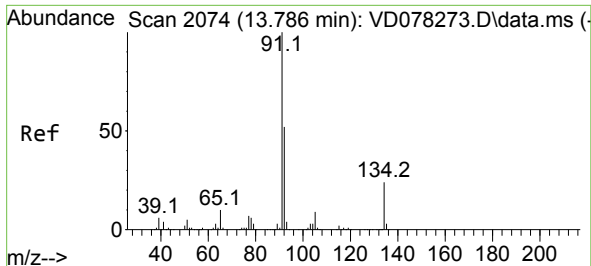
Tgt Ion:146 Resp: 68894
Ion Ratio Lower Upper
146 100
111 41.5 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.510 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:146 Resp: 70034
Ion Ratio Lower Upper
146 100
111 39.2 17.4 52.3
148 63.8 31.7 95.1

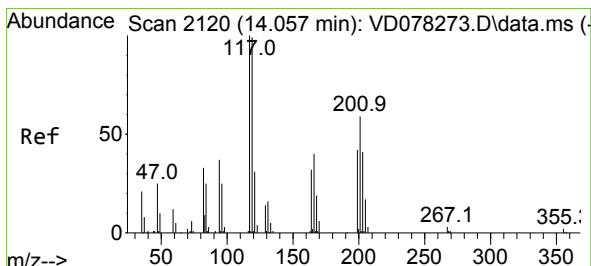
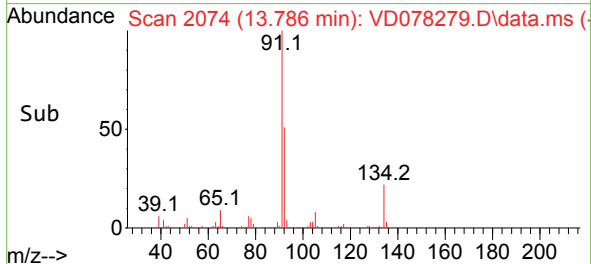
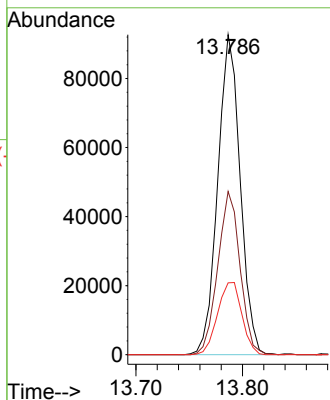
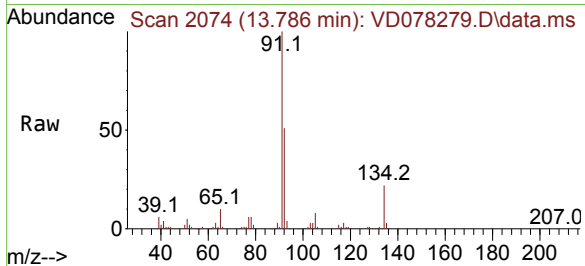




#89
n-Butylbenzene
Concen: 20.643 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

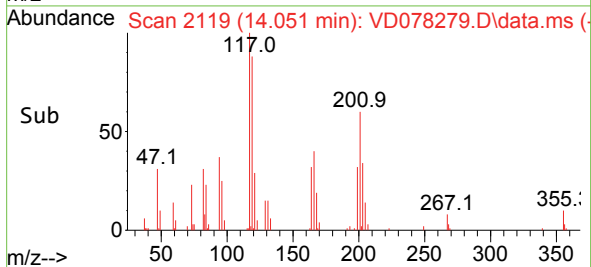
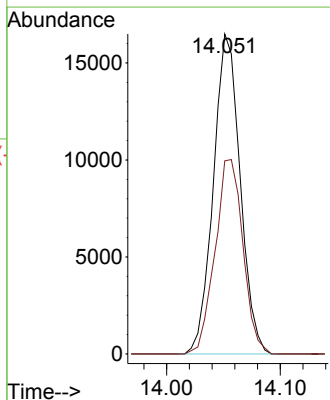
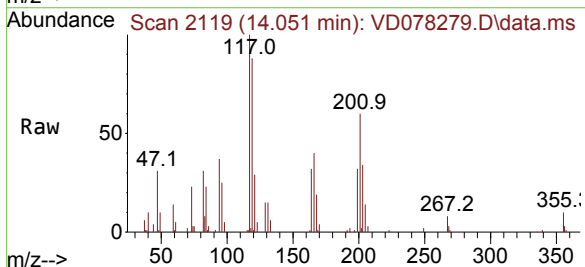
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

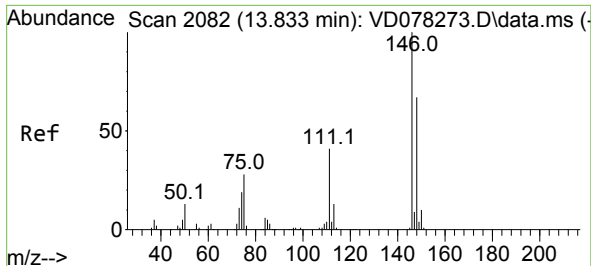
Tgt Ion: 91 Resp: 135501
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 24.5 13.8 41.3



#90
Hexachloroethane
Concen: 20.076 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 117 Resp: 27012
Ion Ratio Lower Upper
117 100
201 63.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.282 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078279.D

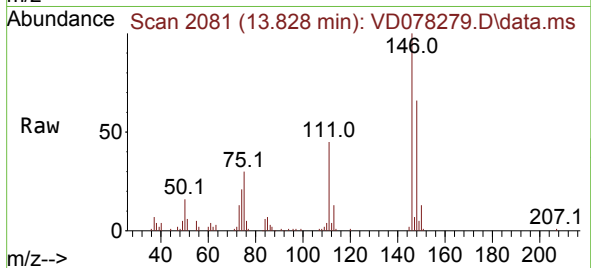
Acq: 30 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01



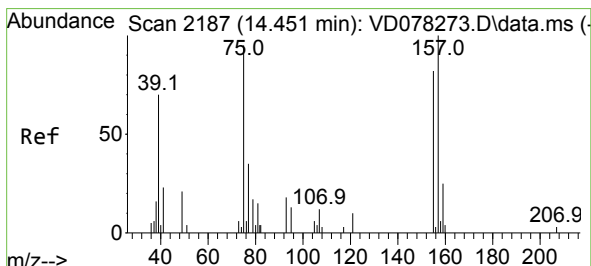
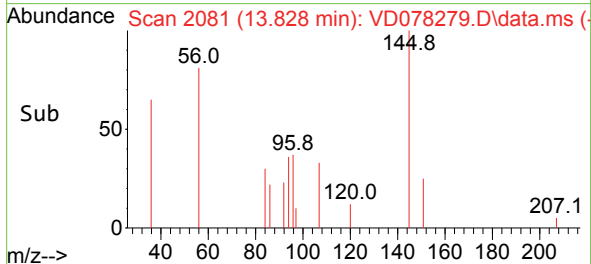
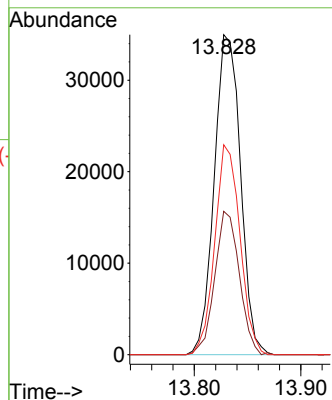
Tgt Ion:146 Resp: 59883

Ion Ratio Lower Upper

146 100

111 42.1 18.3 54.8

148 63.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.168 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078279.D

Acq: 30 Jan 2024 15:14

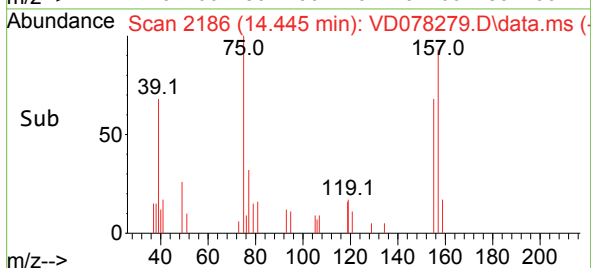
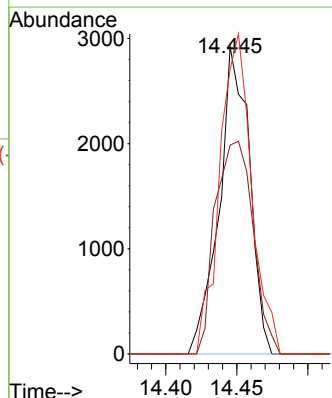
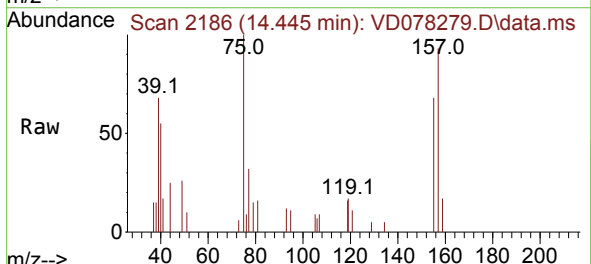
Tgt Ion: 75 Resp: 4326

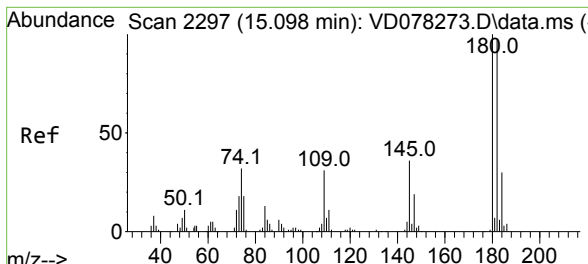
Ion Ratio Lower Upper

75 100

155 86.7 47.9 143.8

157 109.7 59.9 179.7

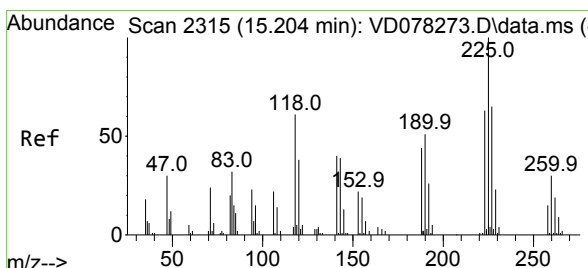
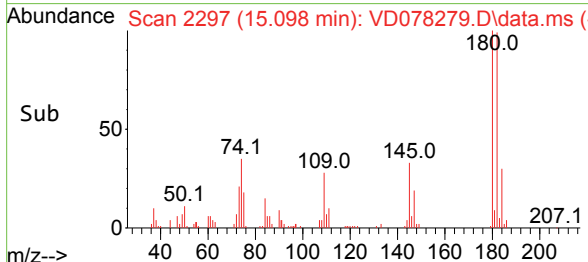
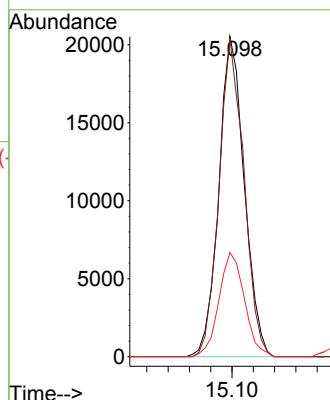
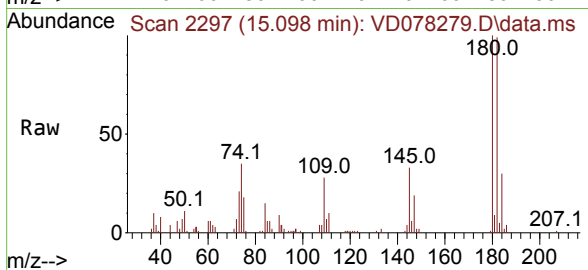




#93
 1,2,4-Trichlorobenzene
 Concen: 19.858 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

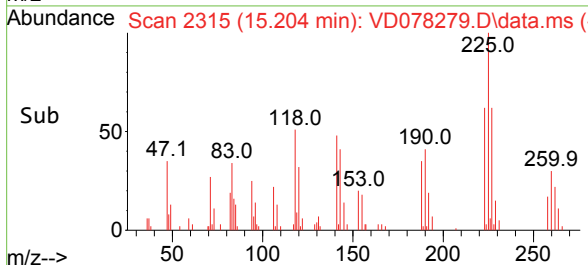
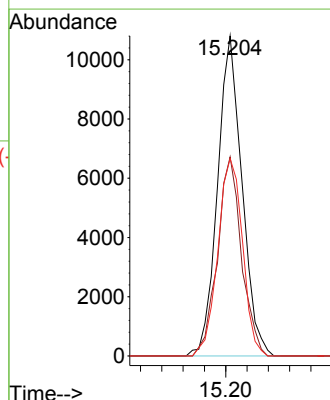
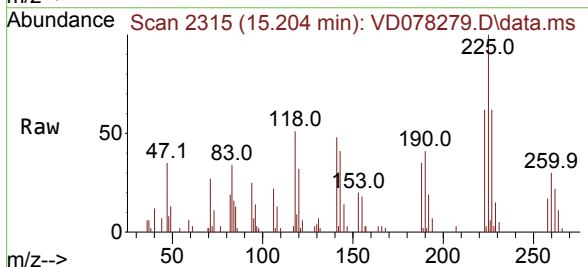
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

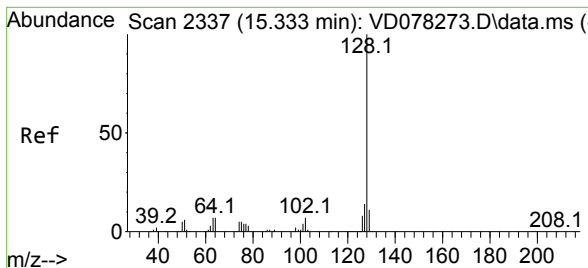
Tgt Ion:180 Resp: 33914
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.5 145.6
 145 32.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 20.552 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078279.D
 Acq: 30 Jan 2024 15:14

Tgt Ion:225 Resp: 17199
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.6 94.8
 227 62.2 31.7 95.1

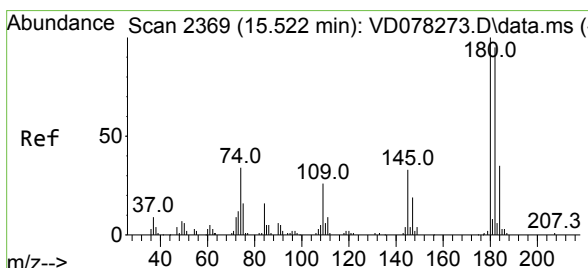
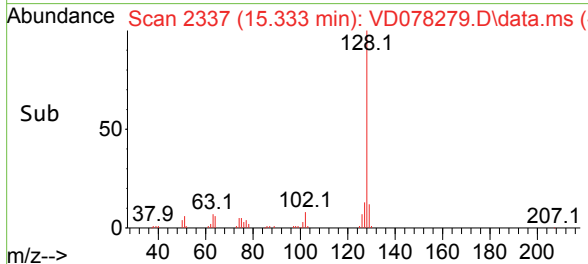
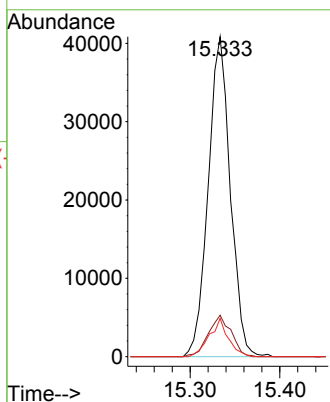
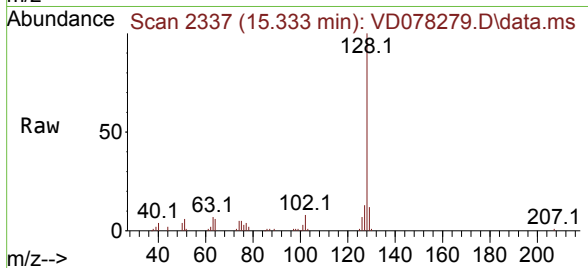




#95
Naphthalene
Concen: 20.556 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

Tgt Ion:128 Resp: 69996
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.595 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078279.D
Acq: 30 Jan 2024 15:14

Tgt Ion:180 Resp: 30970
Ion Ratio Lower Upper
180 100
182 89.9 47.3 141.9
145 33.9 15.1 45.3

