

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078575.D
 Acq On : 01 Mar 2024 13:10
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 02 03:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	213354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27704	22.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	44.220%#
35) Dibromofluoromethane	7.805	113	30100	21.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.380%#
50) Toluene-d8	10.269	98	117249	21.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	43.480%#
62) 4-Bromofluorobenzene	12.575	95	32145	20.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26319	24.537	ug/l	100
3) Chloromethane	2.152	50	45580	23.044	ug/l	97
4) Vinyl Chloride	2.281	62	66590	21.435	ug/l	98
5) Bromomethane	2.687	94	54681	22.039	ug/l	98
6) Chloroethane	2.834	64	51432	22.337	ug/l	98
7) Trichlorofluoromethane	3.175	101	46888	22.321	ug/l	93
8) Diethyl Ether	3.593	74	11942	20.246	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	28842	21.785	ug/l	96
10) Methyl Iodide	4.164	142	28676	20.699	ug/l #	91
11) Tert butyl alcohol	5.069	59	7144	119.126	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	25831	20.900	ug/l	96
13) Acrolein	3.793	56	12444	100.154	ug/l	99
14) Allyl chloride	4.564	41	29010	20.608	ug/l	92
15) Acrylonitrile	5.258	53	25198	103.618	ug/l	95
16) Acetone	4.028	43	23907	99.603	ug/l #	85
17) Carbon Disulfide	4.275	76	89878	21.827	ug/l	97
18) Methyl Acetate	4.570	43	9750	21.461	ug/l	93
19) Methyl tert-butyl Ether	5.328	73	50478	20.087	ug/l	98
20) Methylene Chloride	4.805	84	47673	23.316	ug/l	95
21) trans-1,2-Dichloroethene	5.322	96	30252	20.371	ug/l	98
22) Diisopropyl ether	6.222	45	66095	20.941	ug/l	97
23) Vinyl Acetate	6.158	43	197529	105.376	ug/l	93
24) 1,1-Dichloroethane	6.117	63	50989	21.384	ug/l	96
25) 2-Butanone	7.087	43	31266	103.267	ug/l	95
26) 2,2-Dichloropropane	7.081	77	40474	20.093	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33494	20.598	ug/l	96
28) Bromochloromethane	7.422	49	19772	22.196	ug/l	89
29) Tetrahydrofuran	7.440	42	17458	103.788	ug/l	93
30) Chloroform	7.599	83	53589	20.815	ug/l	96
31) Cyclohexane	7.875	56	40209	20.505	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	45807	20.740	ug/l	98
36) 1,1-Dichloropropene	8.011	75	40391	21.032	ug/l	97
37) Ethyl Acetate	7.175	43	12838	20.631	ug/l	98
38) Carbon Tetrachloride	7.999	117	40817	20.320	ug/l	90
39) Methylcyclohexane	9.275	83	45088	20.003	ug/l	89
40) Benzene	8.252	78	116743	20.508	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	6462	19.375	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	30689	21.251	ug/l	96
43) Isopropyl Acetate	8.363	43	24745	20.742	ug/l	97
44) Trichloroethene	9.034	130	32345	20.706	ug/l	93
45) 1,2-Dichloropropane	9.305	63	28688	20.979	ug/l	94
46) Dibromomethane	9.393	93	15695	19.910	ug/l	94
47) Bromodichloromethane	9.581	83	41574	21.388	ug/l	96
48) Methyl methacrylate	9.375	41	10703	19.805	ug/l #	84
49) 1,4-Dioxane	9.381	88	3574	458.020	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	63247	102.712	ug/l	93
52) Toluene	10.334	92	73762	20.195	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	35599	19.797	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	44263	20.559	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	22476	20.248	ug/l	95
56) Ethyl methacrylate	10.593	69	21839	19.630	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	37638	20.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	54669	122.520	ug/l	97
59) 2-Hexanone	10.922	43	47391	103.762	ug/l	93
60) Dibromochloromethane	11.069	129	27726	20.686	ug/l	96
61) 1,2-Dibromoethane	11.175	107	20750	20.369	ug/l	99
64) Tetrachloroethene	10.810	164	25314	20.279	ug/l	85
65) Chlorobenzene	11.604	112	79021	20.226	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	30502	20.971	ug/l	94
67) Ethyl Benzene	11.681	91	135056	19.951	ug/l	98
68) m/p-Xylenes	11.793	106	109211	39.877	ug/l	93
69) o-Xylene	12.122	106	49706	20.007	ug/l	95
70) Styrene	12.134	104	86259	20.030	ug/l	97
71) Bromoform	12.293	173	15042	19.440	ug/l #	95
73) Isopropylbenzene	12.422	105	130766	20.775	ug/l	96
74) N-amyl acetate	12.234	43	23002	21.712	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	26343	21.847	ug/l	91
76) 1,2,3-Trichloropropane	12.722	75	31541	41.497	ug/l #	100
77) Bromobenzene	12.699	156	31700	20.825	ug/l	92
78) n-propylbenzene	12.763	91	162277	21.077	ug/l	98
79) 2-Chlorotoluene	12.846	91	86420	20.918	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	108834	21.249	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8273	23.350	ug/l	94
82) 4-Chlorotoluene	12.946	91	92811	21.079	ug/l	97
83) tert-Butylbenzene	13.163	119	88950	20.170	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	107530	20.540	ug/l	98
85) sec-Butylbenzene	13.346	105	144966	21.070	ug/l	96
86) p-Isopropyltoluene	13.457	119	118976	20.542	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	67634	20.794	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	67325	20.660	ug/l	99
89) n-Butylbenzene	13.787	91	111396	20.581	ug/l	96
90) Hexachloroethane	14.051	117	25144	21.351	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	59214	21.432	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3471	21.596	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	33146	20.260	ug/l	98
94) Hexachlorobutadiene	15.198	225	18667	20.737	ug/l	97
95) Naphthalene	15.328	128	57640	19.938	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	29464	20.279	ug/l	98

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QLast Update : Sat Mar 02 03:25:57 2024
Response via : Initial Calibration

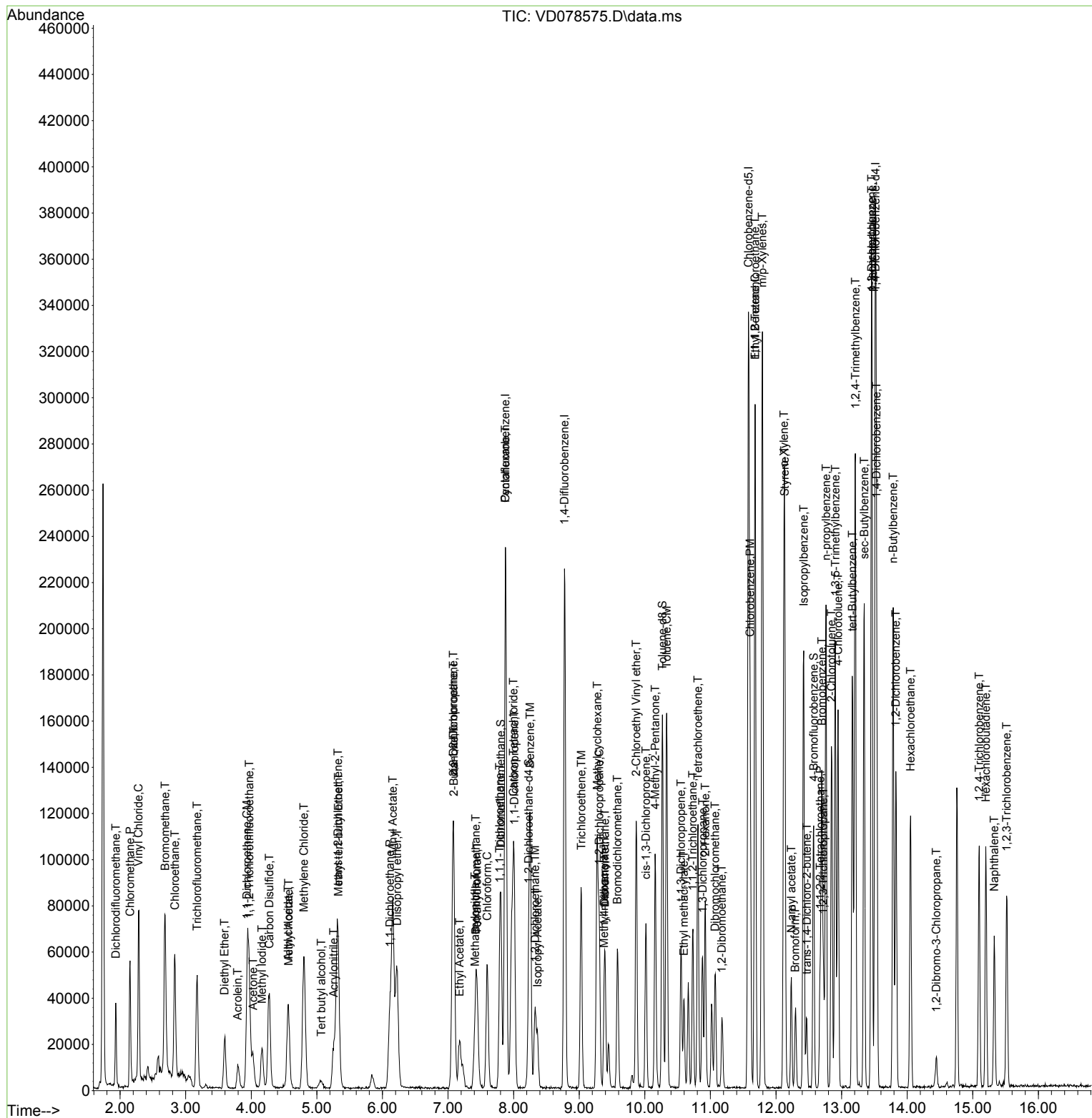
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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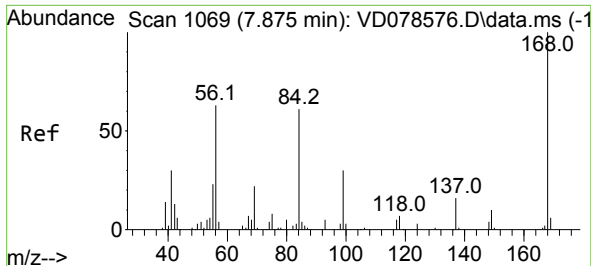
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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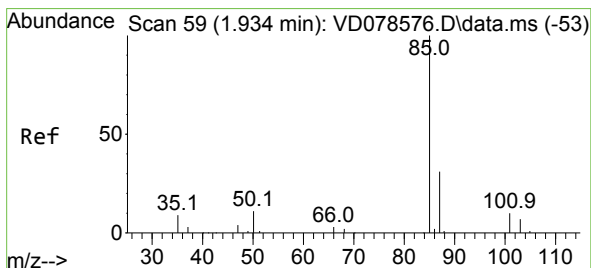
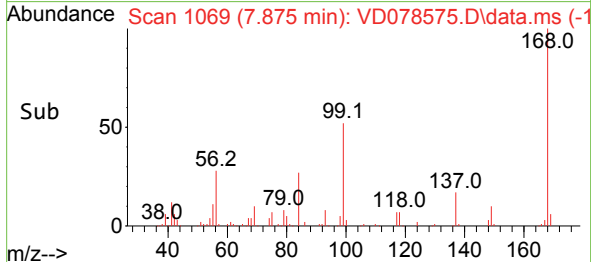
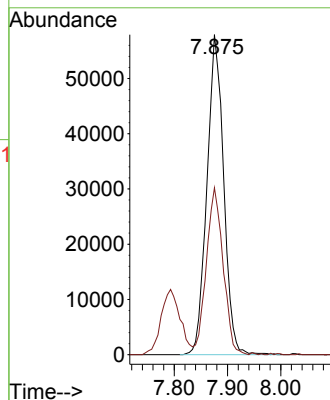
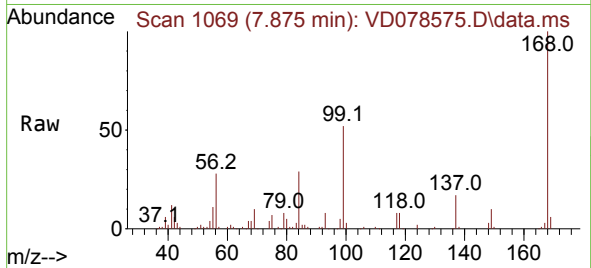




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078575.D
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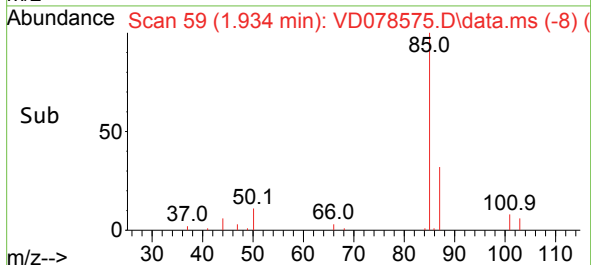
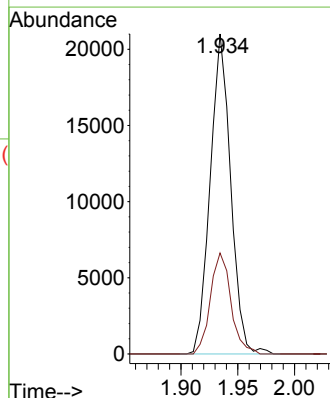
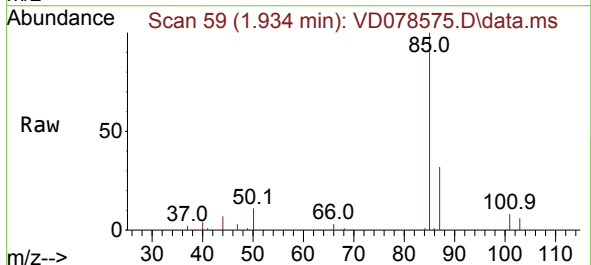
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

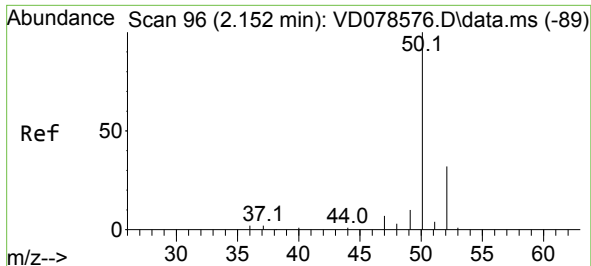
Tgt Ion:168 Resp: 126385
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 24.537 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 85 Resp: 26319
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

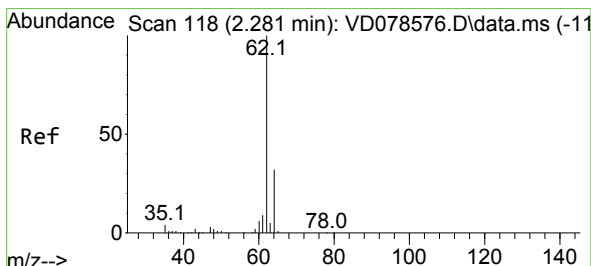
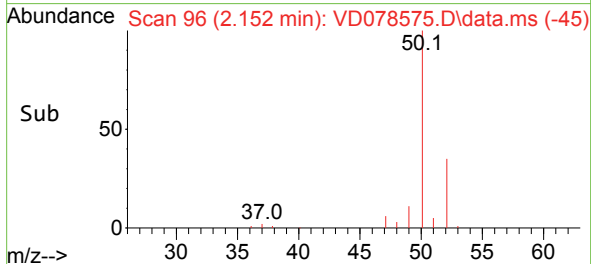
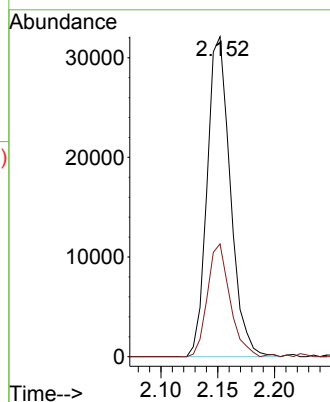
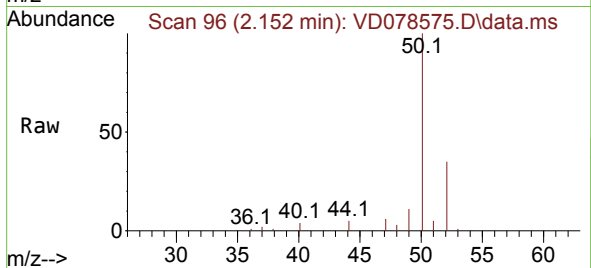




#3
Chloromethane
Concen: 23.044 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

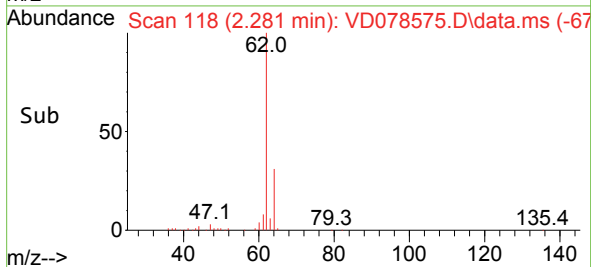
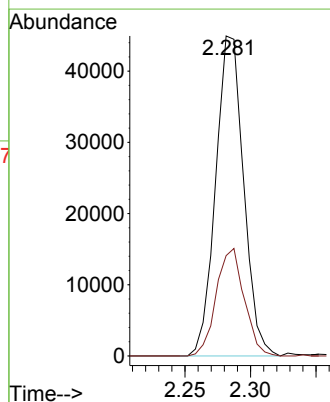
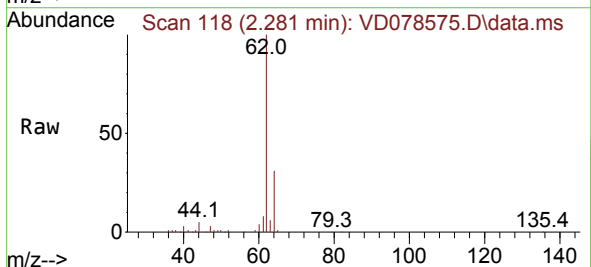
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ClientSampleId :
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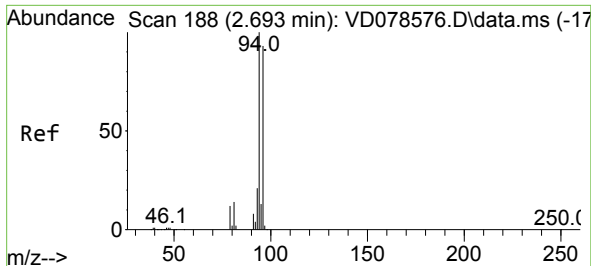
Tgt Ion: 50 Resp: 45580
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0



#4
Vinyl Chloride
Concen: 21.435 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 62 Resp: 66590
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

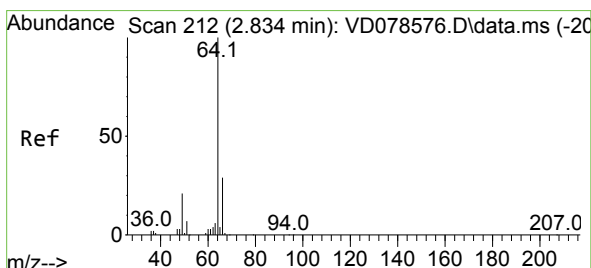
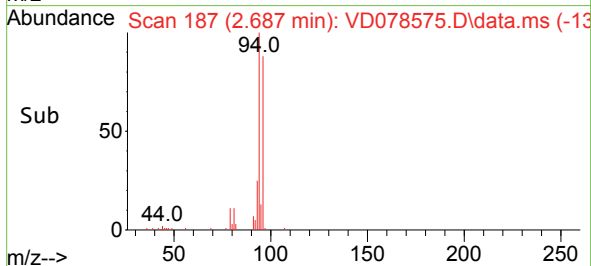
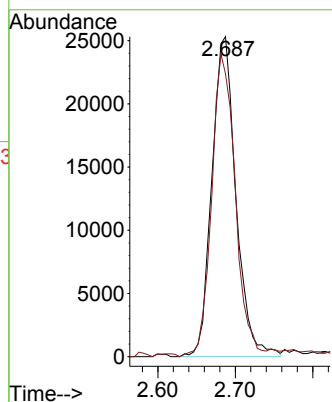
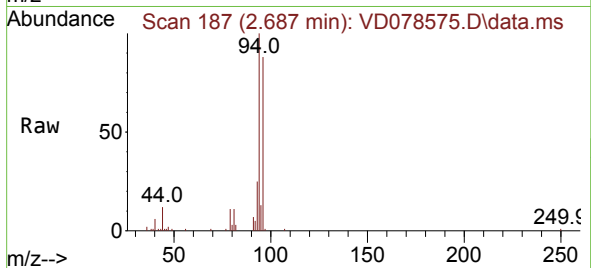




#5
Bromomethane
Concen: 22.039 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

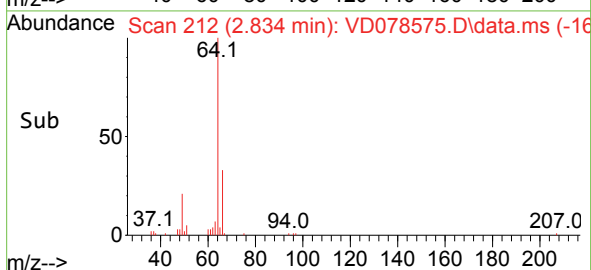
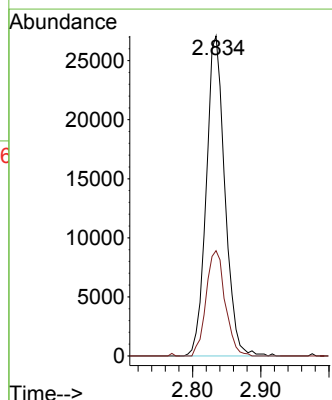
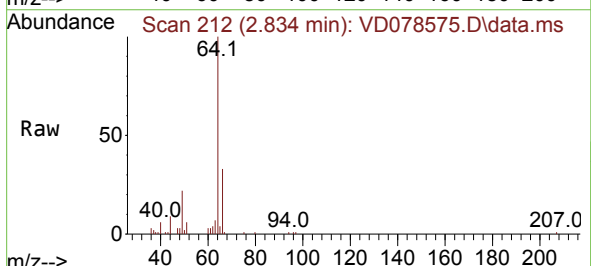
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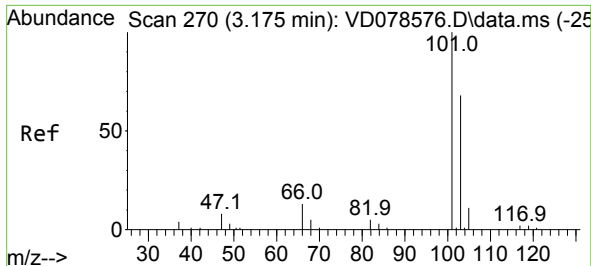
Tgt Ion: 94 Resp: 54681
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 22.337 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 64 Resp: 51432
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

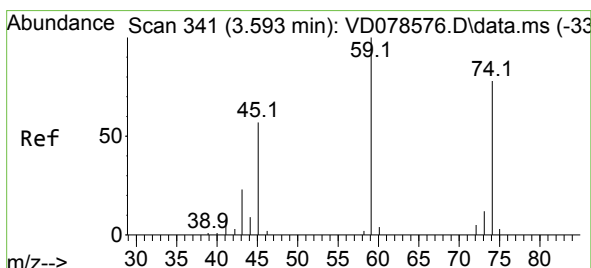
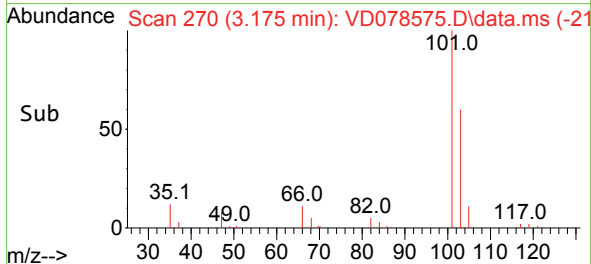
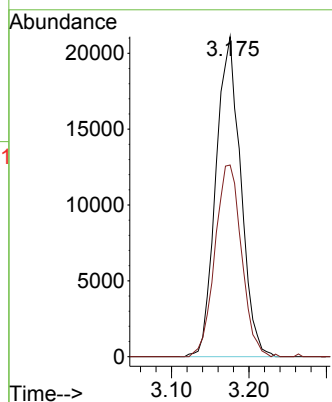
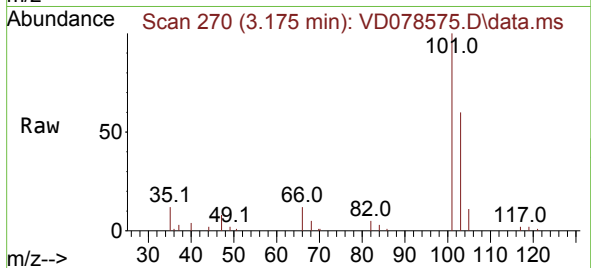




#7
Trichlorofluoromethane
Concen: 22.321 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078575.D
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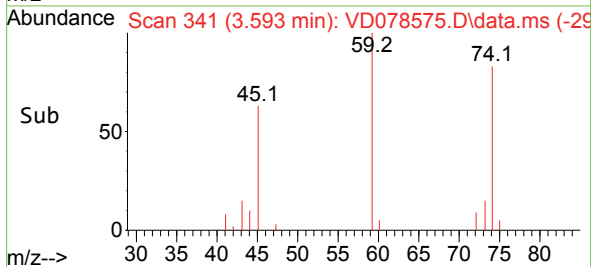
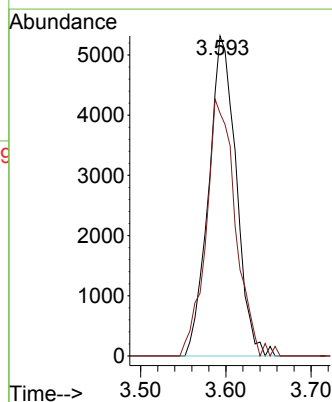
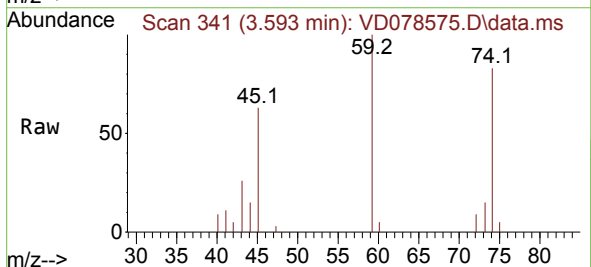
Instrument :
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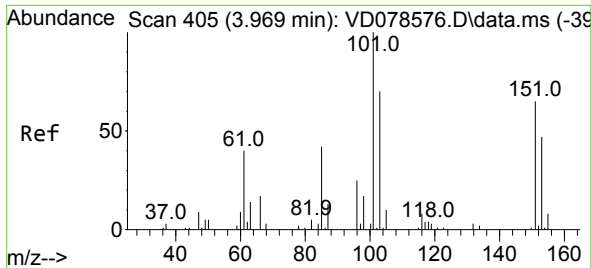
Tgt Ion:101 Resp: 46888
Ion Ratio Lower Upper
101 100
103 59.9 52.3 78.5



#8
Diethyl Ether
Concen: 20.246 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078575.D
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Tgt Ion: 74 Resp: 11942
Ion Ratio Lower Upper
74 100
45 85.9 37.5 112.7

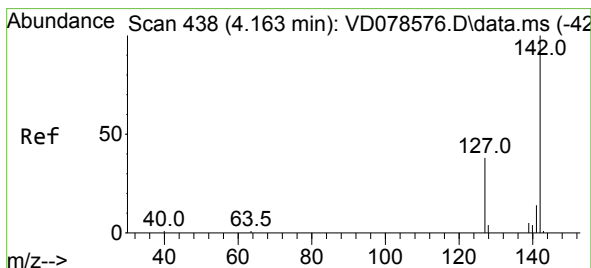
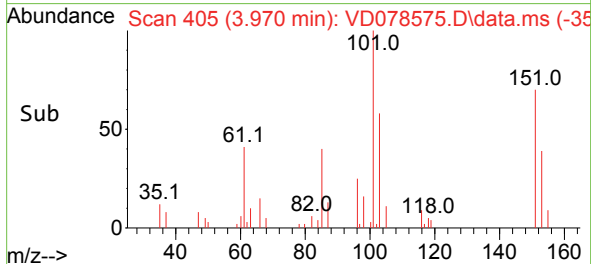
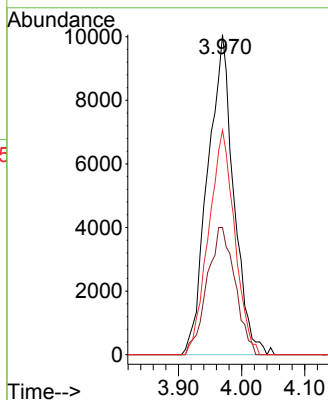
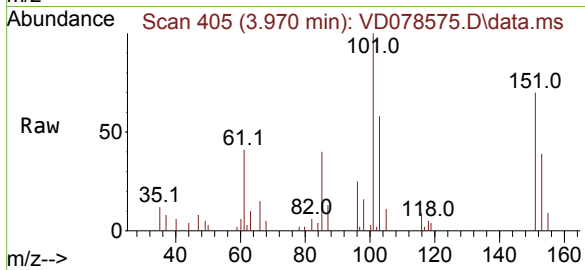




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.785 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

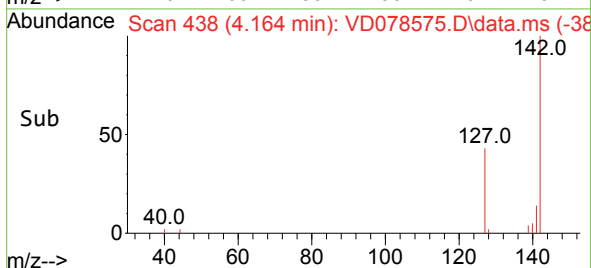
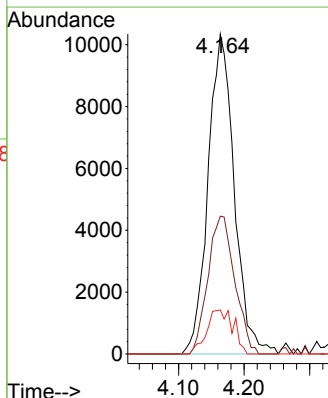
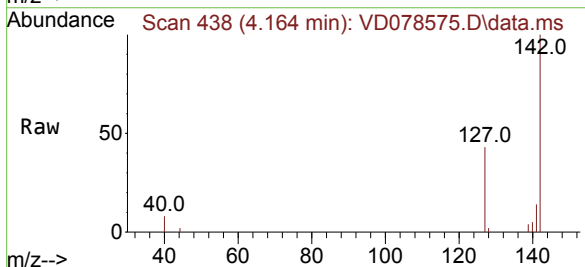
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

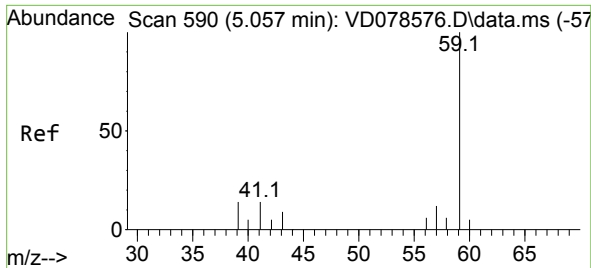
Tgt Ion:101	Resp:	28842
Ion	Ratio	Lower Upper
101	100	
85	42.7	33.8 50.6
151	69.9	59.8 89.6



#10
 Methyl Iodide
 Concen: 20.699 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

Tgt Ion:142	Resp:	28676
Ion	Ratio	Lower Upper
142	100	
127	44.1	29.4 44.0#
141	14.0	11.1 16.7

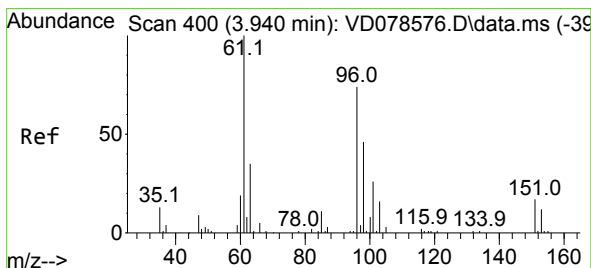
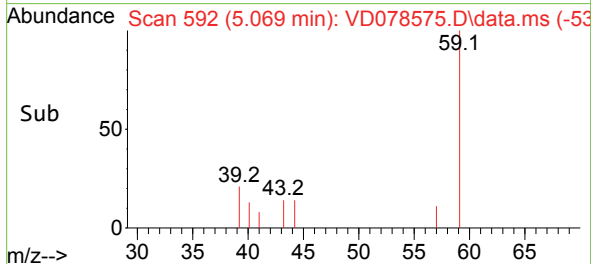
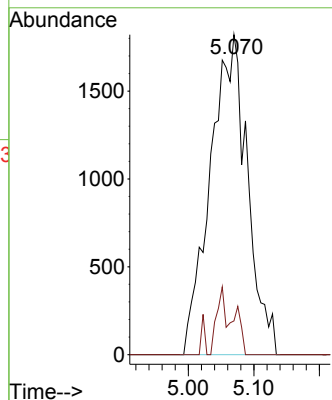
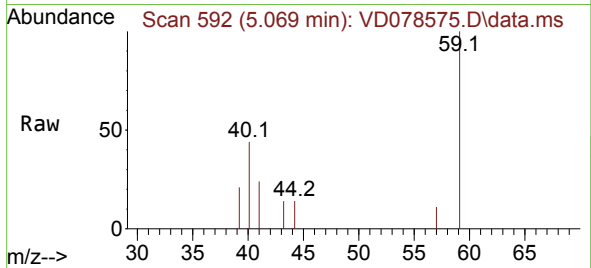




#11
Tert butyl alcohol
Concen: 119.126 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

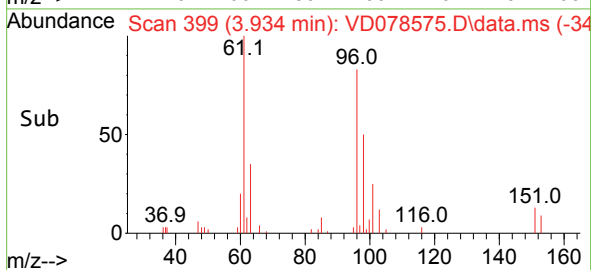
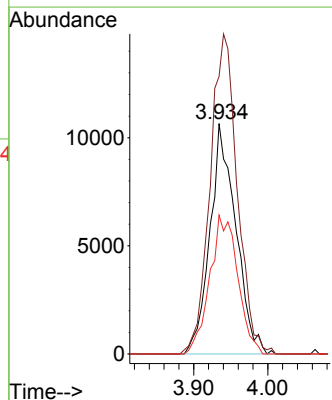
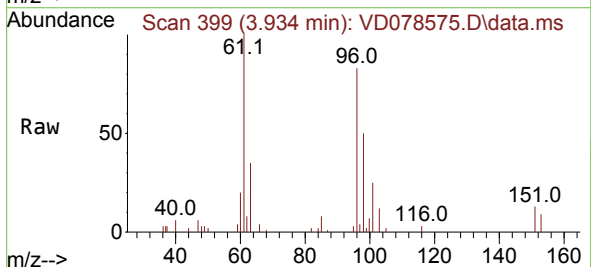
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

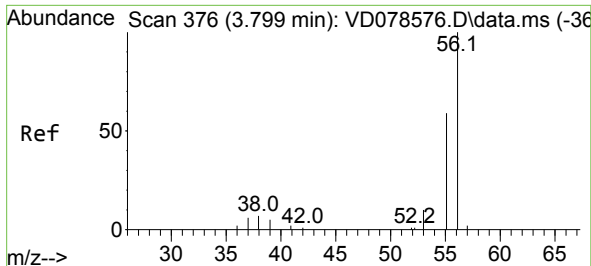
Tgt Ion: 59 Resp: 7144
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.900 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 96 Resp: 25831
Ion Ratio Lower Upper
96 100
61 120.5 100.6 150.8
98 60.2 50.2 75.2





#13

Acrolein

Concen: 100.154 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

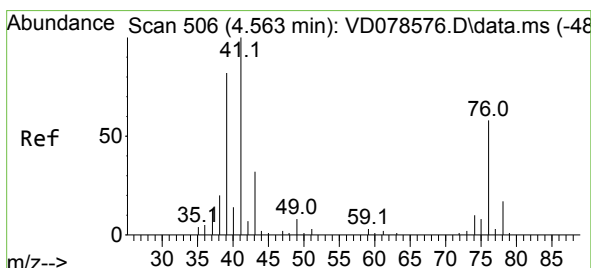
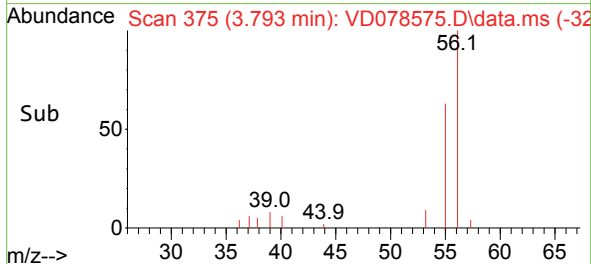
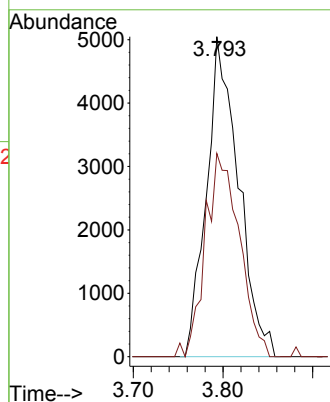
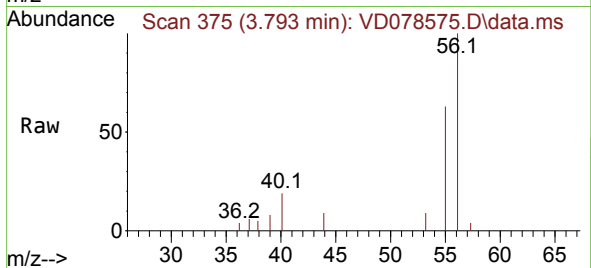
VSTDIC020

Tgt Ion: 56 Resp: 12444

Ion Ratio Lower Upper

56 100

55 67.9 55.1 82.7



#14

Allyl chloride

Concen: 20.608 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

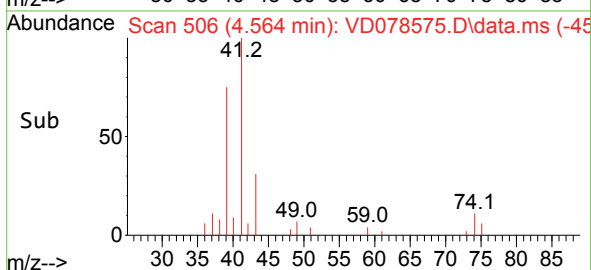
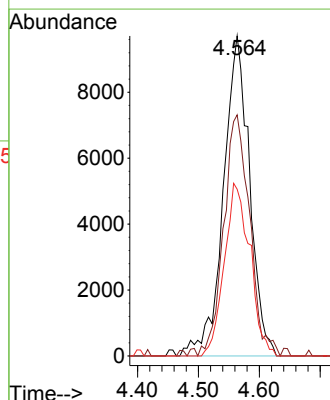
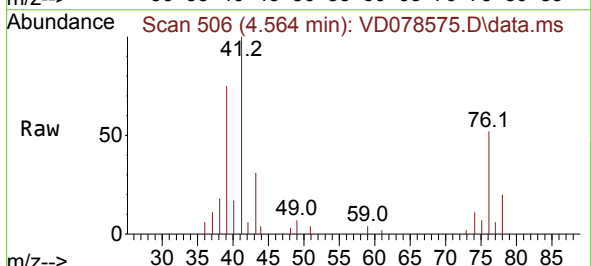
Tgt Ion: 41 Resp: 29010

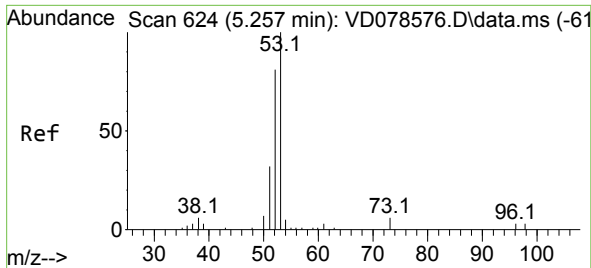
Ion Ratio Lower Upper

41 100

39 74.8 53.8 80.6

76 52.8 45.8 68.8

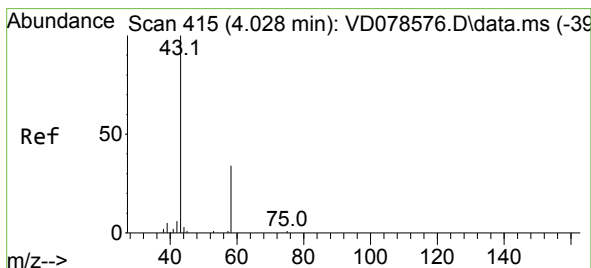
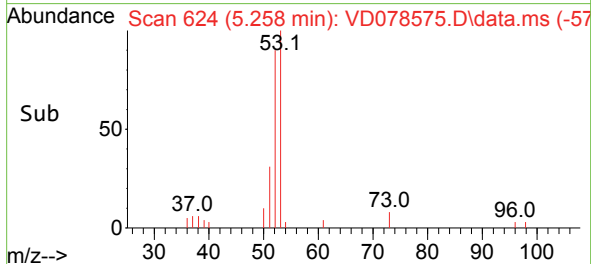
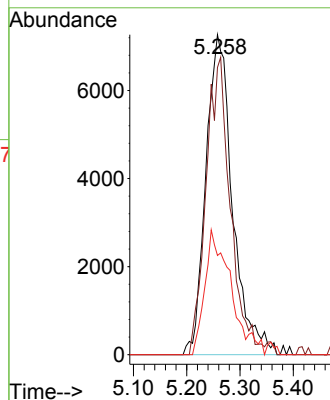
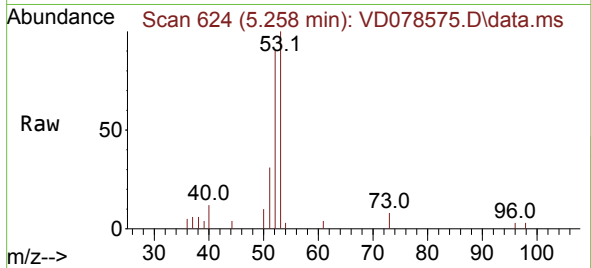




#15
Acrylonitrile
Concen: 103.618 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

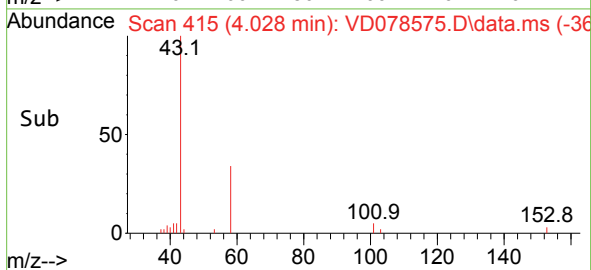
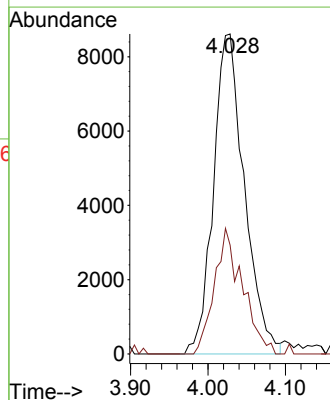
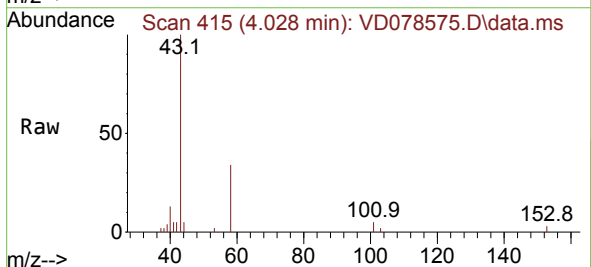
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

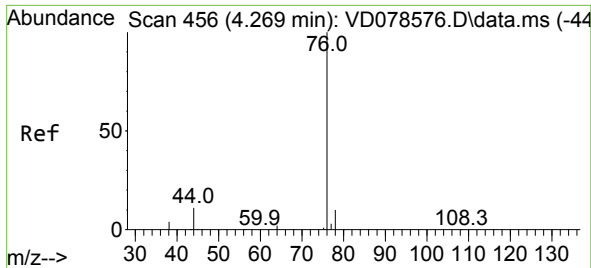
Tgt Ion: 53	Resp: 25198
Ion Ratio	Lower Upper
53 100	
52 85.1	65.0 97.4
51 38.2	28.3 42.5



#16
Acetone
Concen: 99.603 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 43	Resp: 23907		
Ion Ratio	Lower	Upper	
43 100			
58 34.0	34.7	52.1#	

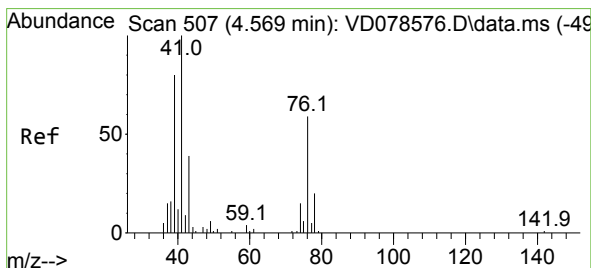
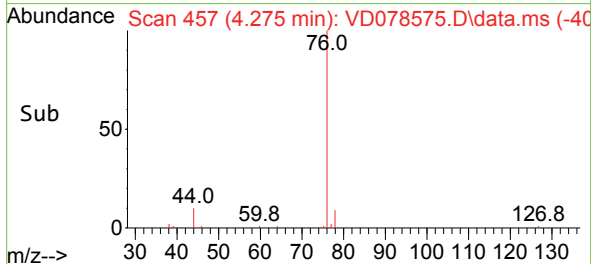
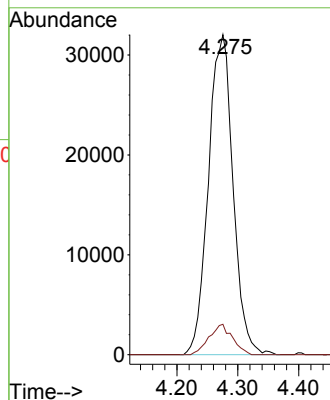
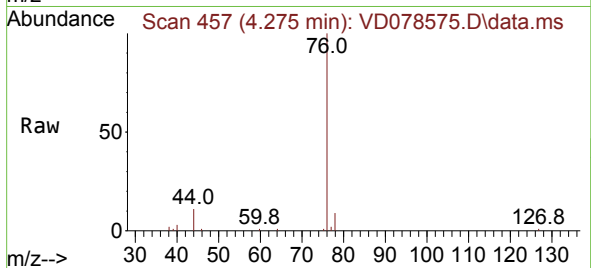




#17
Carbon Disulfide
Concen: 21.827 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

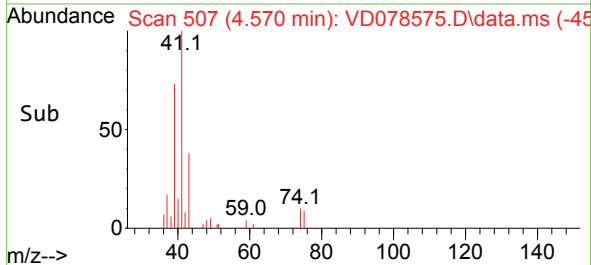
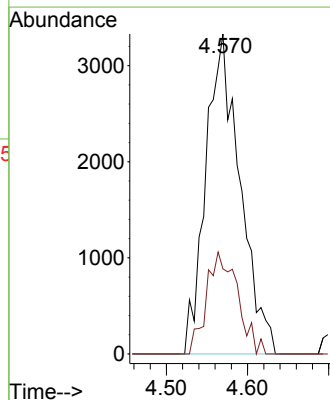
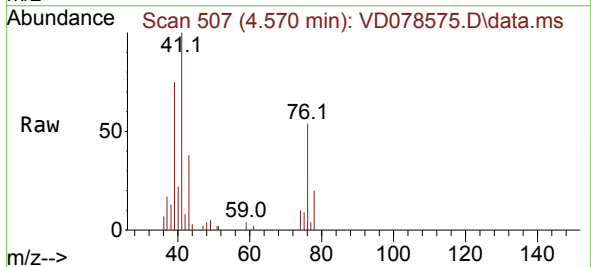
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

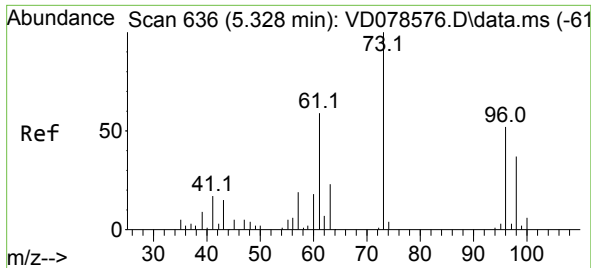
Tgt Ion: 76 Resp: 89878
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 21.461 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 43 Resp: 9750
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.087 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

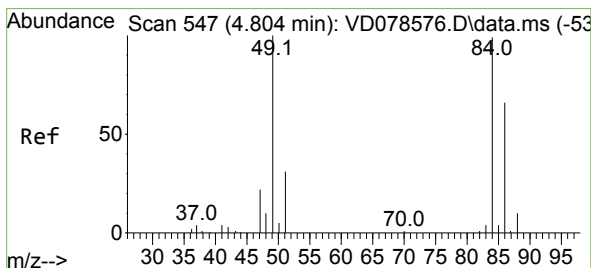
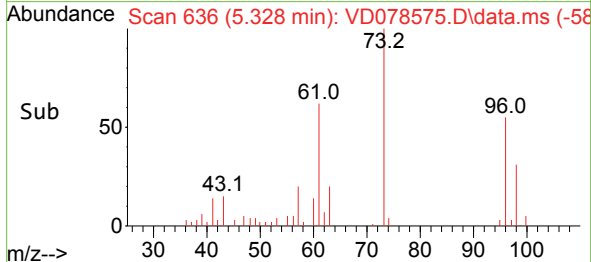
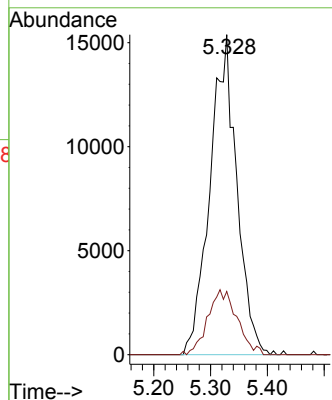
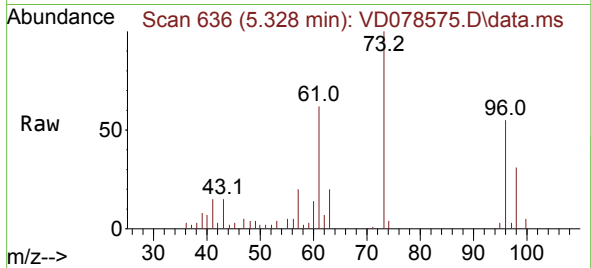
VSTDIC020

Tgt Ion: 73 Resp: 50478

Ion Ratio Lower Upper

73 100

57 19.8 16.6 25.0



#20

Methylene Chloride

Concen: 23.316 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Tgt Ion: 84 Resp: 47673

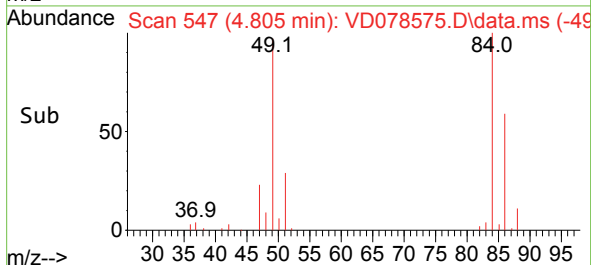
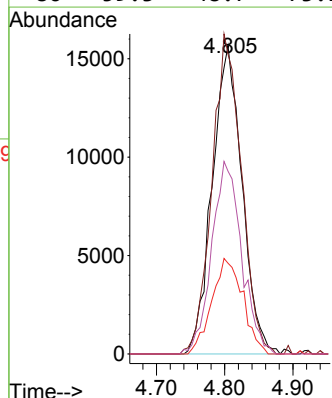
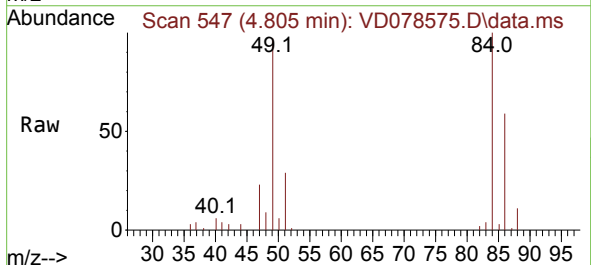
Ion Ratio Lower Upper

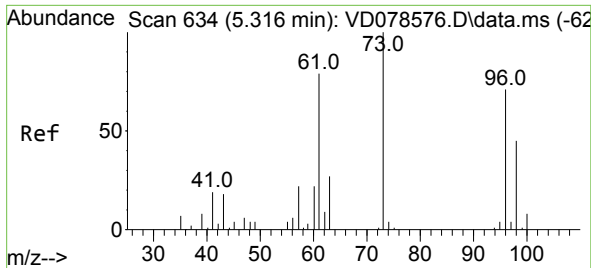
84 100

49 97.2 71.4 107.2

51 29.4 24.5 36.7

86 59.3 48.7 73.1

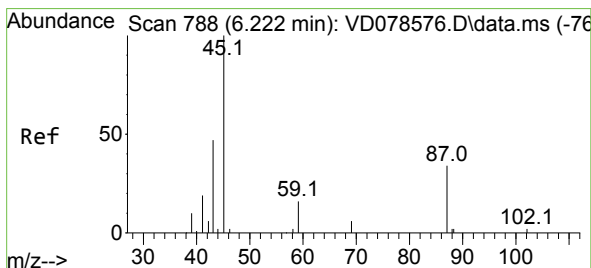
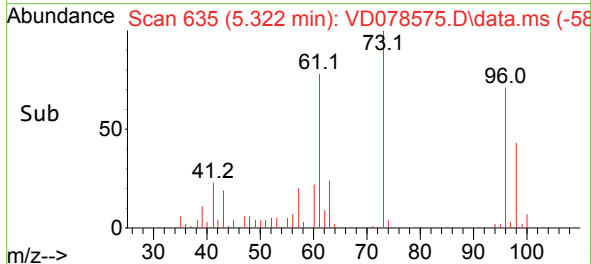
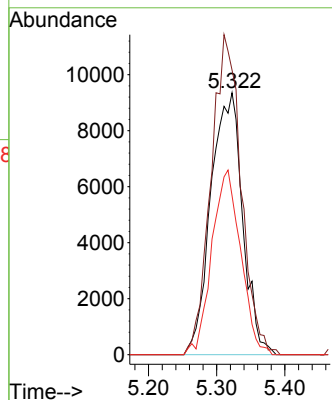
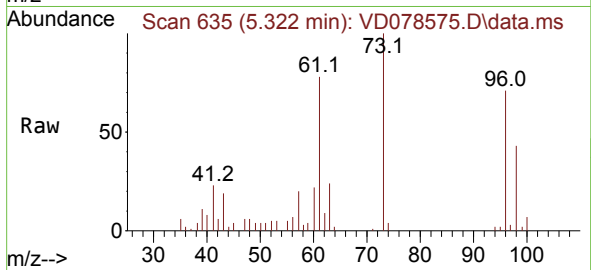




#21
trans-1,2-Dichloroethene
Concen: 20.371 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

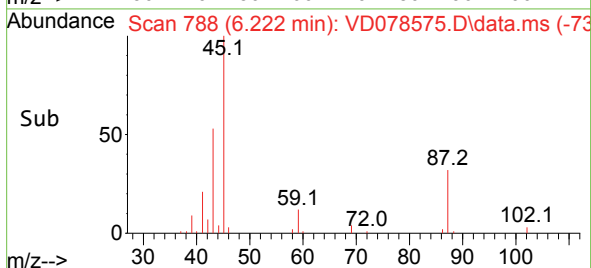
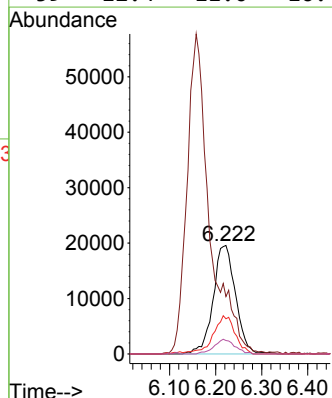
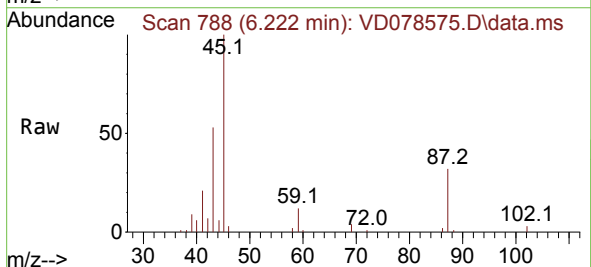
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

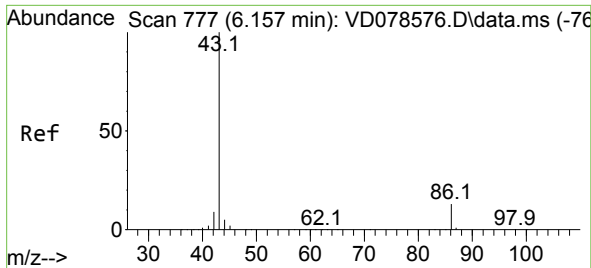
Tgt Ion: 96 Resp: 30252
Ion Ratio Lower Upper
96 100
61 108.6 89.3 133.9
98 60.7 48.6 73.0



#22
Diisopropyl ether
Concen: 20.941 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 45 Resp: 66095
Ion Ratio Lower Upper
45 100
43 51.7 40.0 60.0
87 32.5 28.2 42.4
59 12.4 11.0 16.4

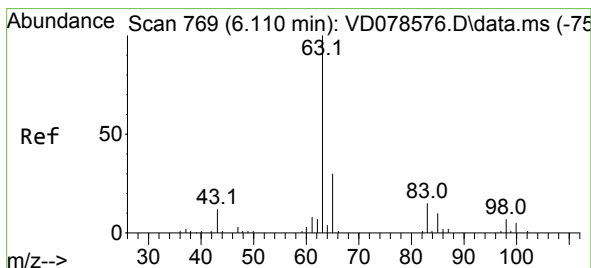
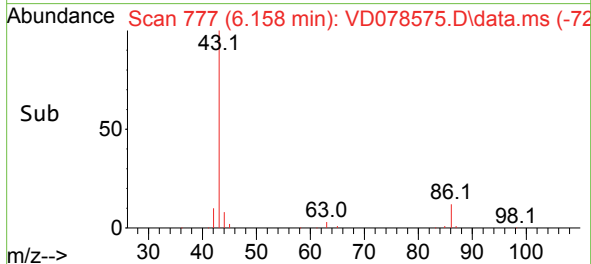
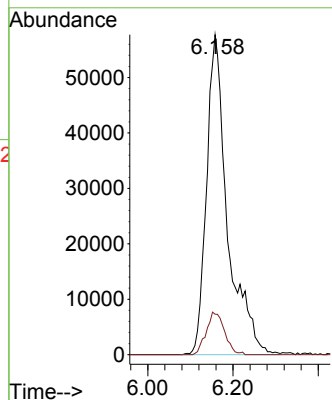
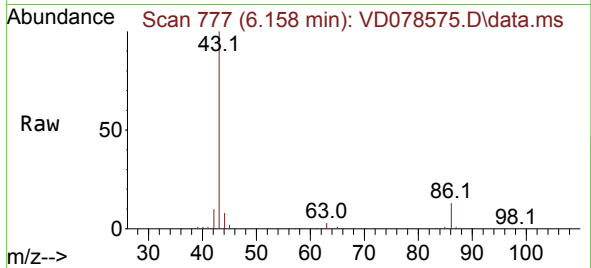




#23
 Vinyl Acetate
 Concen: 105.376 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

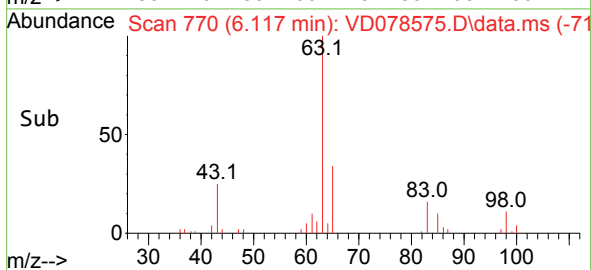
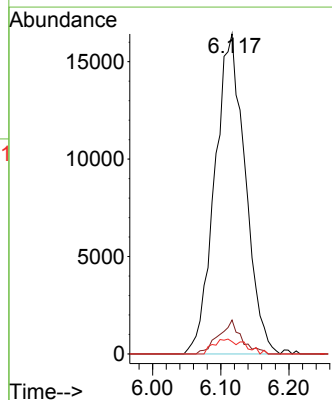
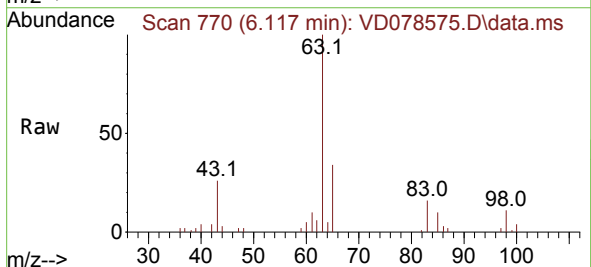
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

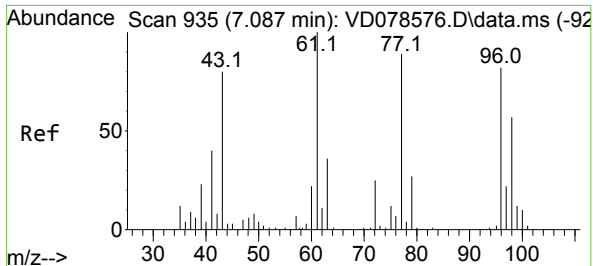
Tgt Ion: 43 Resp: 197529
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.384 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

Tgt Ion: 63 Resp: 50989
 Ion Ratio Lower Upper
 63 100
 98 10.6 4.5 13.7
 100 3.8 2.5 7.5





#25

2-Butanone

Concen: 103.267 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

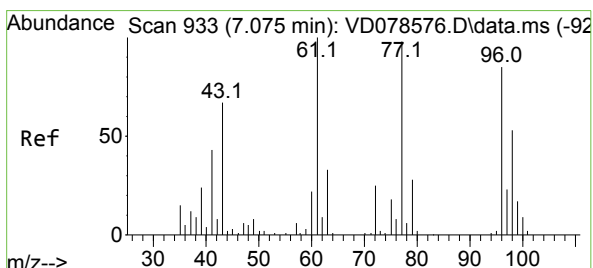
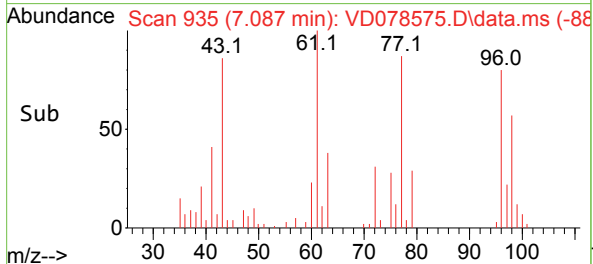
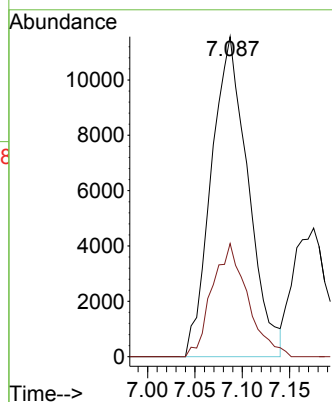
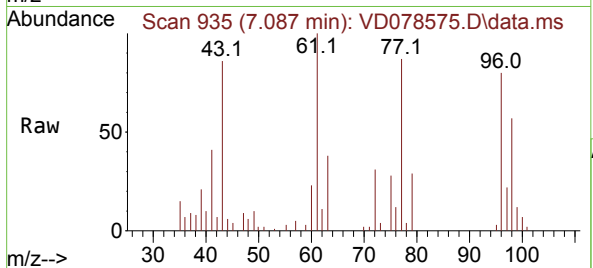
VSTDICC020

Tgt Ion: 43 Resp: 31266

Ion Ratio Lower Upper

43 100

72 35.4 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.093 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078575.D

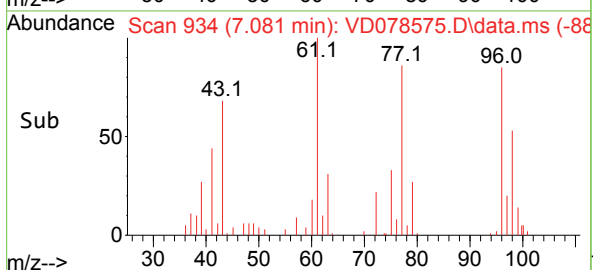
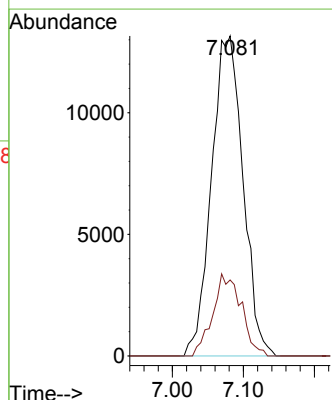
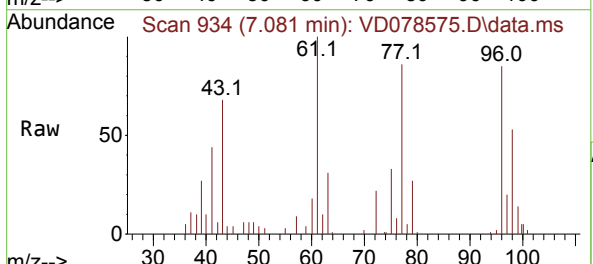
Acq: 01 Mar 2024 13:10

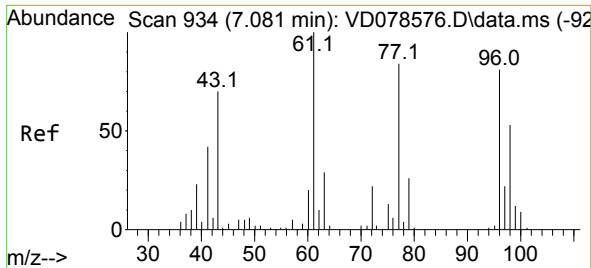
Tgt Ion: 77 Resp: 40474

Ion Ratio Lower Upper

77 100

97 23.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.598 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

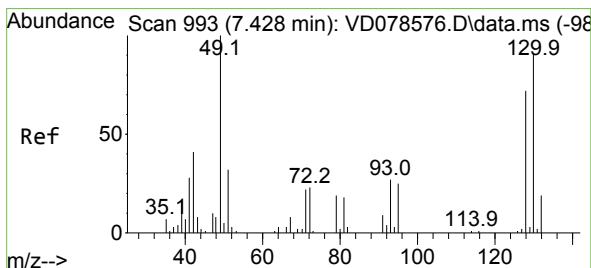
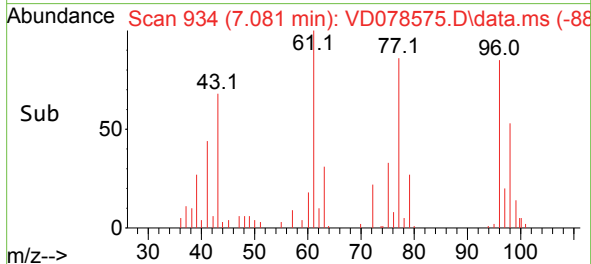
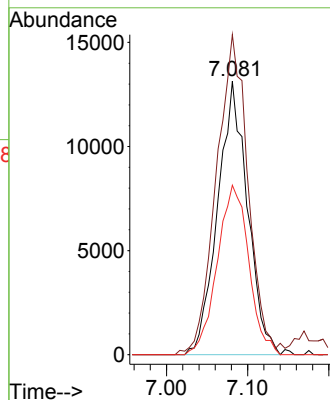
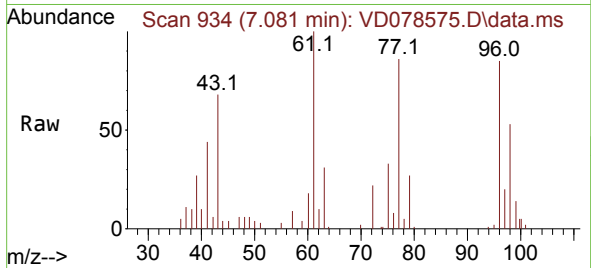
Tgt Ion: 96 Resp: 33494

Ion Ratio Lower Upper

96 100

61 124.8 0.0 239.2

98 65.6 0.0 128.6



#28

Bromochloromethane

Concen: 22.196 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

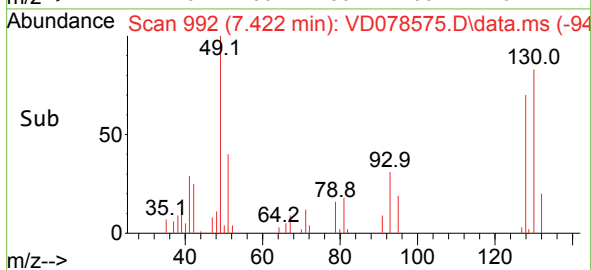
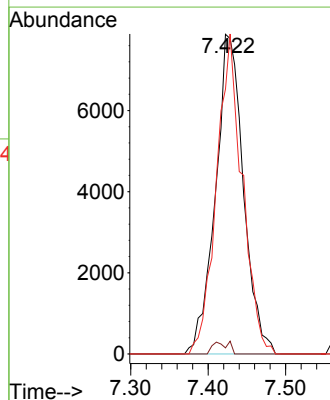
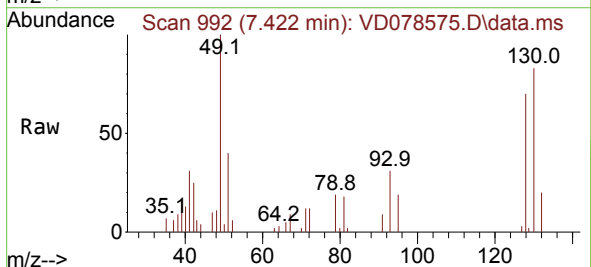
Tgt Ion: 49 Resp: 19772

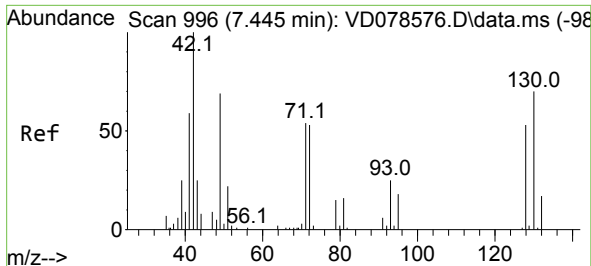
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 92.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 103.788 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

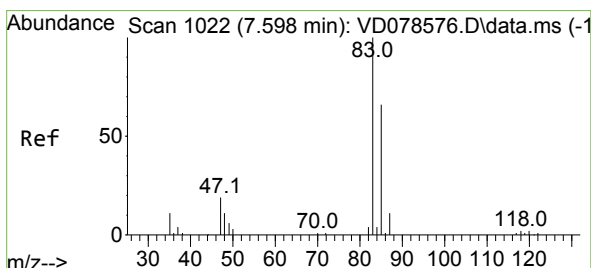
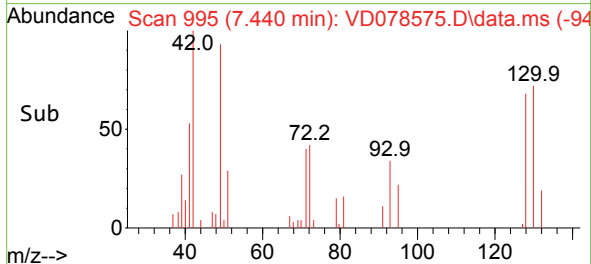
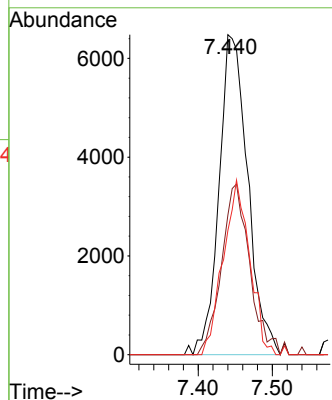
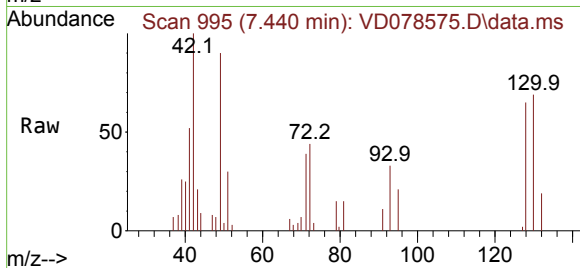
Tgt Ion: 42 Resp: 17458

Ion Ratio Lower Upper

42 100

72 52.8 46.5 69.7

71 50.3 44.5 66.7



#30

Chloroform

Concen: 20.815 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078575.D

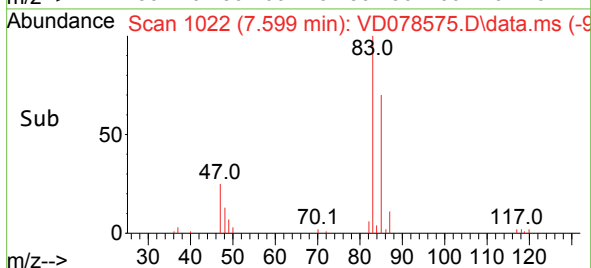
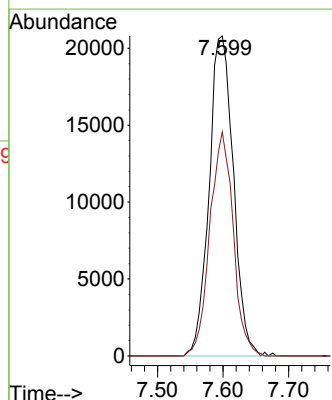
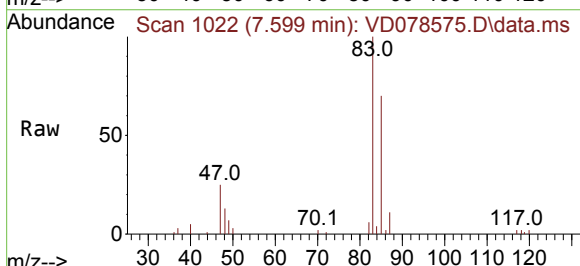
Acq: 01 Mar 2024 13:10

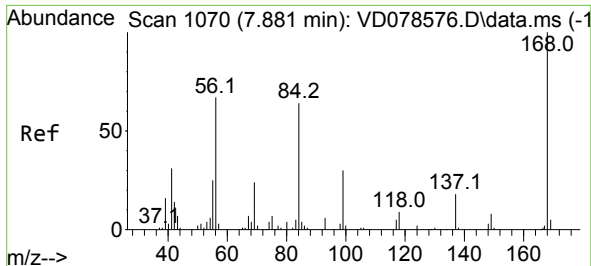
Tgt Ion: 83 Resp: 53589

Ion Ratio Lower Upper

83 100

85 70.0 53.4 80.2

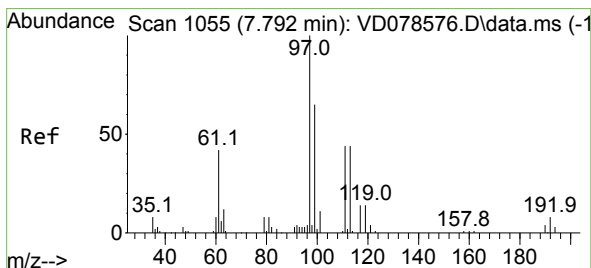
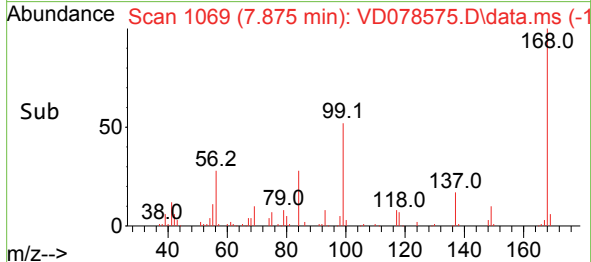
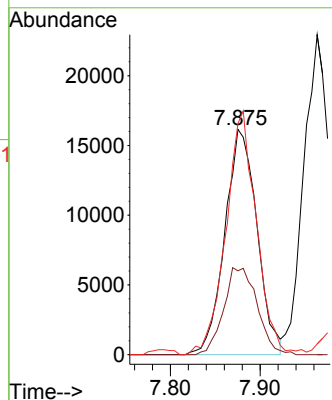
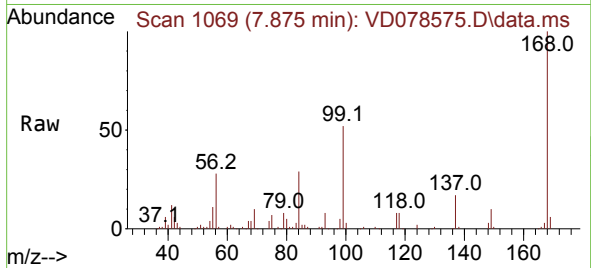




#31
Cyclohexane
Concen: 20.505 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

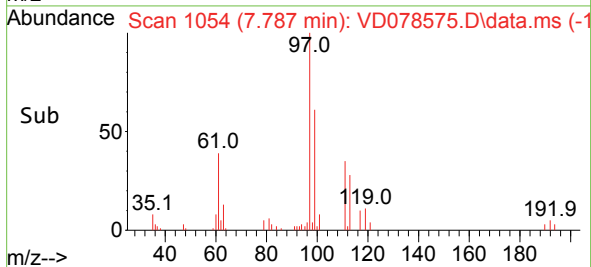
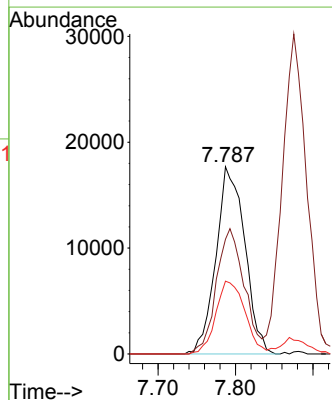
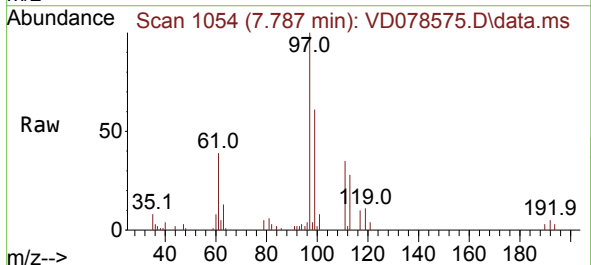
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

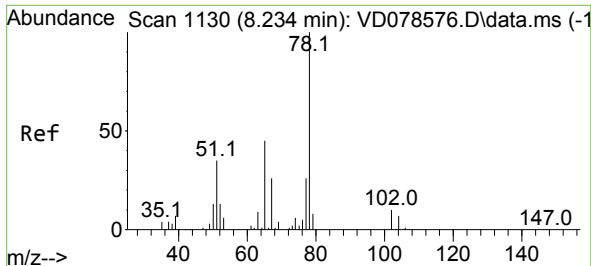
Tgt Ion: 56 Resp: 40209
Ion Ratio Lower Upper
56 100
69 37.2 28.6 43.0
84 102.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.740 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 97 Resp: 45807
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 39.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 22.113 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

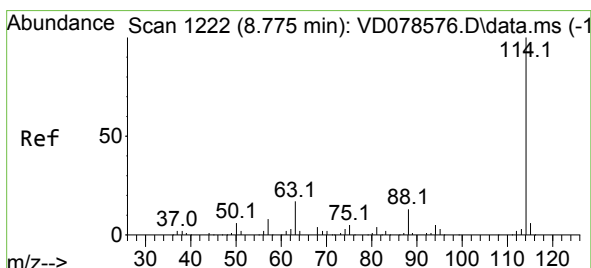
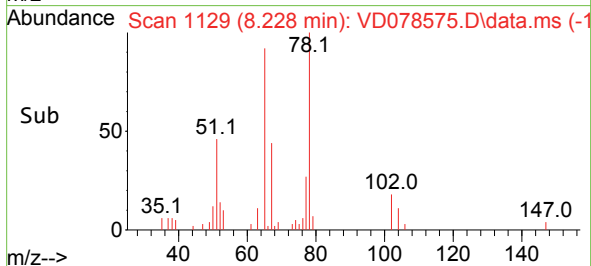
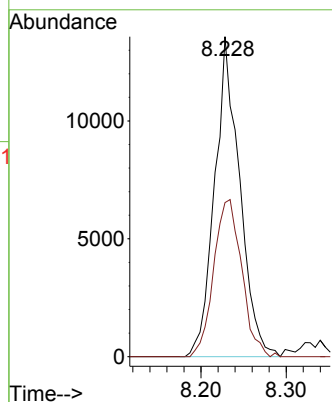
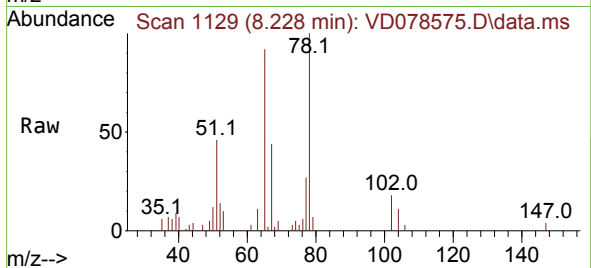
VSTDIC020

Tgt Ion: 65 Resp: 27704

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

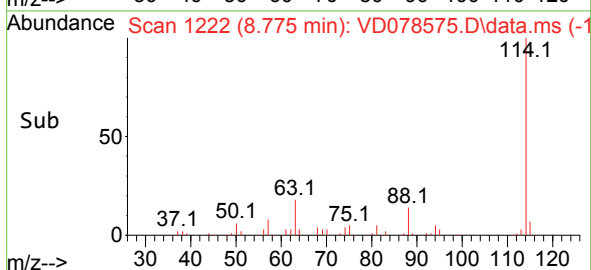
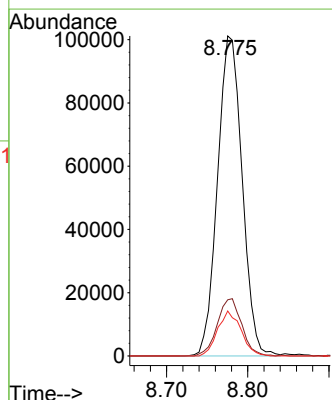
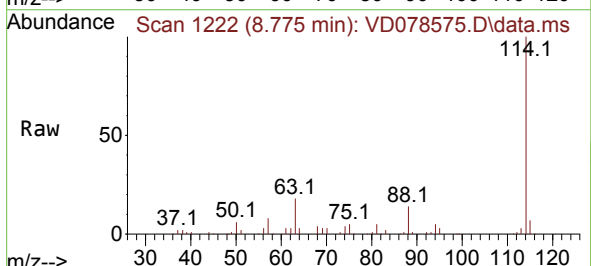
Tgt Ion:114 Resp: 213354

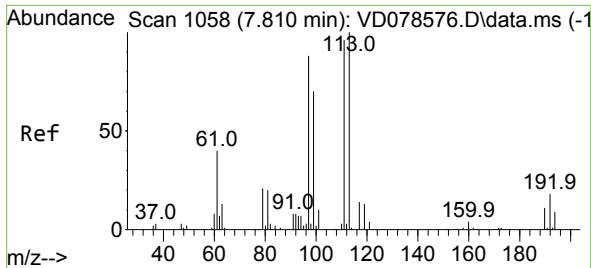
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 14.1 0.0 26.2

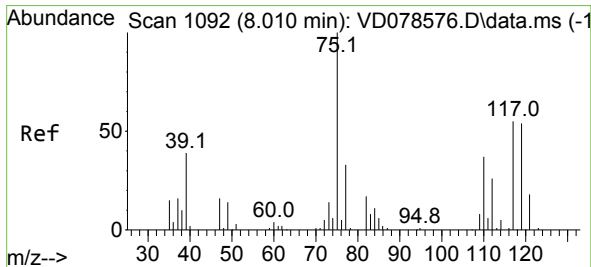
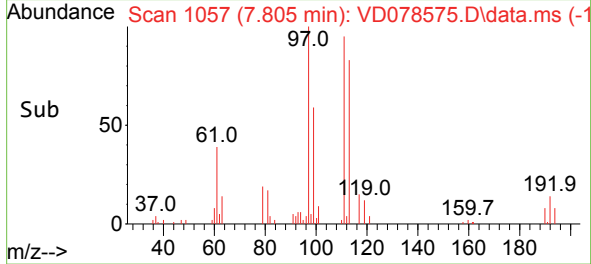
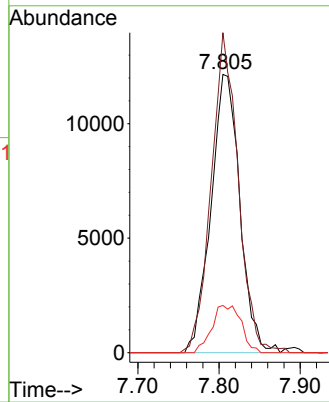
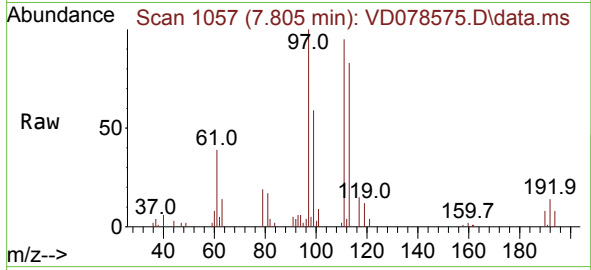




#35
Dibromofluoromethane
Concen: 21.688 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

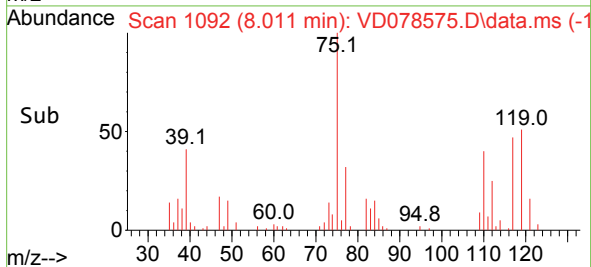
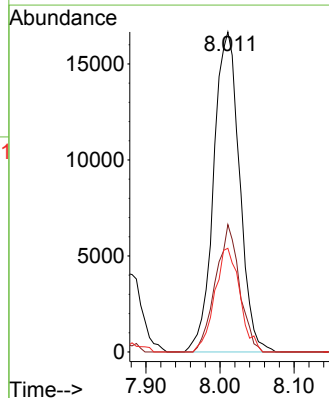
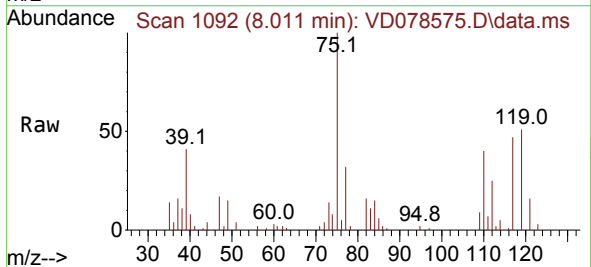
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

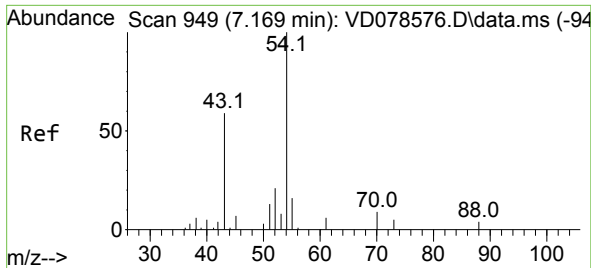
Tgt Ion:113 Resp: 30100
Ion Ratio Lower Upper
113 100
111 107.3 84.7 127.1
192 17.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.032 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 75 Resp: 40391
Ion Ratio Lower Upper
75 100
110 36.8 19.9 59.6
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 20.631 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

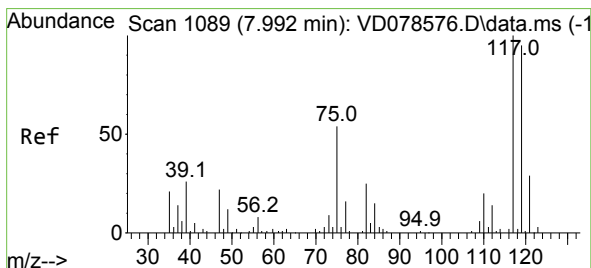
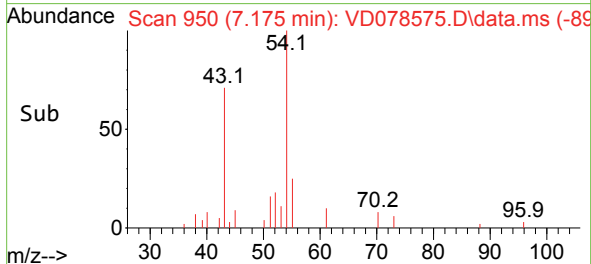
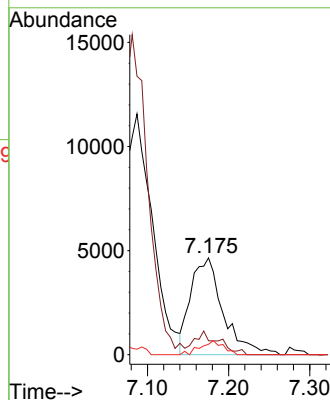
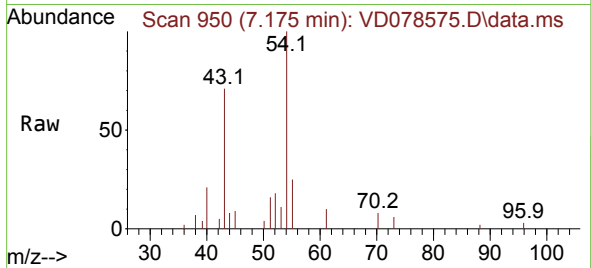
Tgt Ion: 43 Resp: 12838

Ion Ratio Lower Upper

43 100

61 18.6 14.9 22.3

70 10.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.320 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

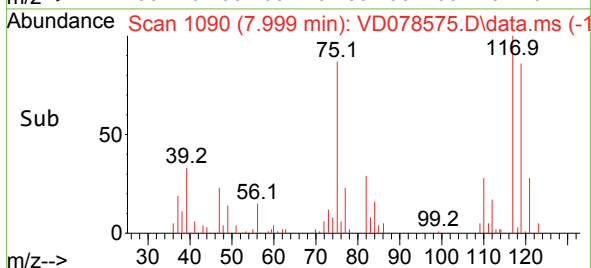
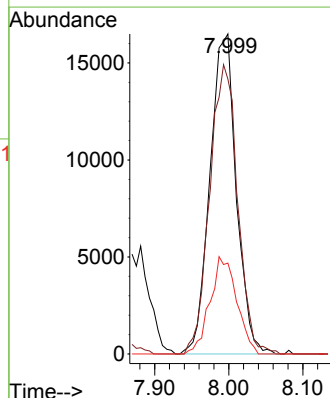
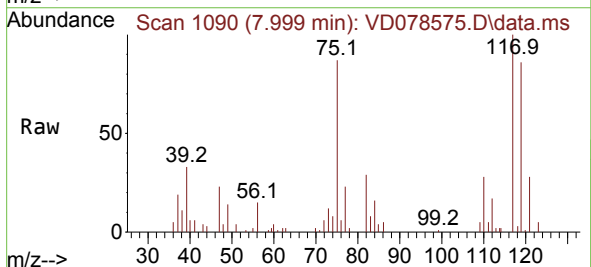
Tgt Ion: 117 Resp: 40817

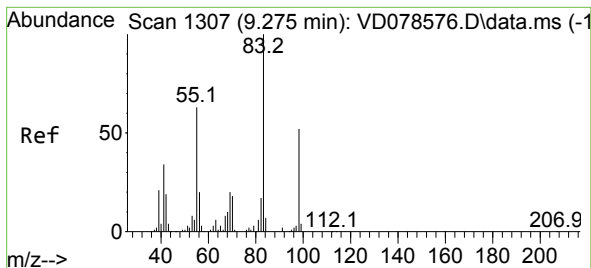
Ion Ratio Lower Upper

117 100

119 85.9 78.0 117.0

121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 20.003 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

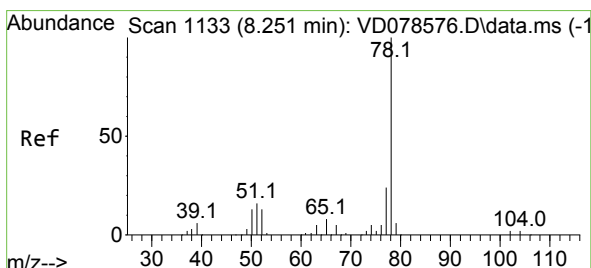
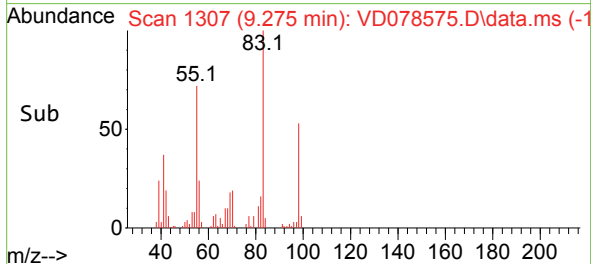
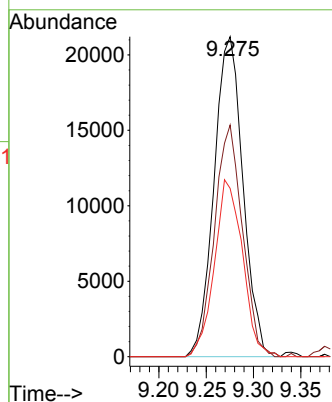
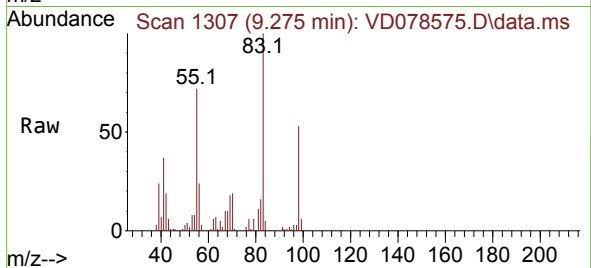
Tgt Ion: 83 Resp: 45088

Ion Ratio Lower Upper

83 100

55 72.4 49.4 74.0

98 52.6 38.4 57.6



#40

Benzene

Concen: 20.508 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078575.D

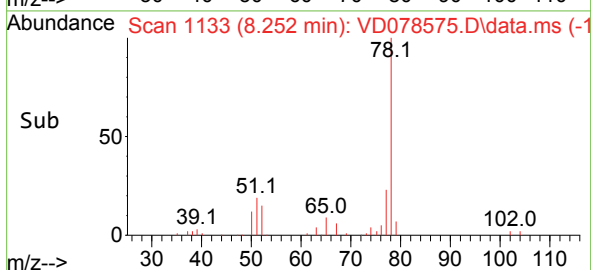
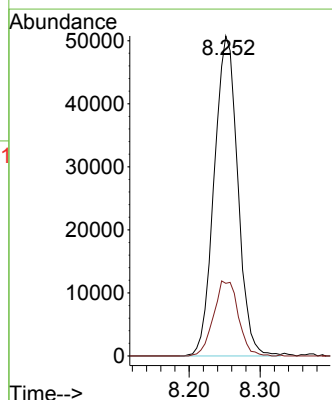
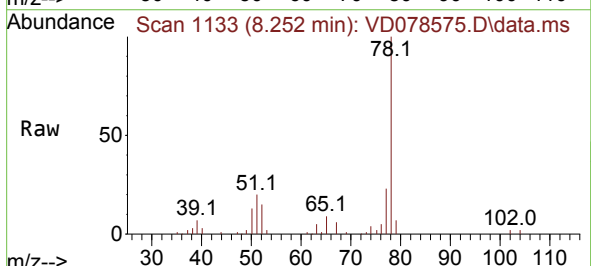
Acq: 01 Mar 2024 13:10

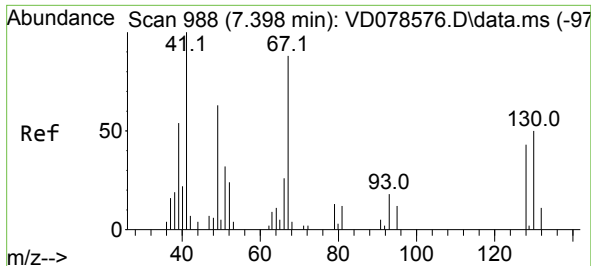
Tgt Ion: 78 Resp: 116743

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

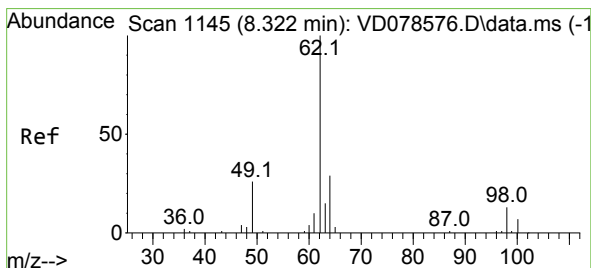
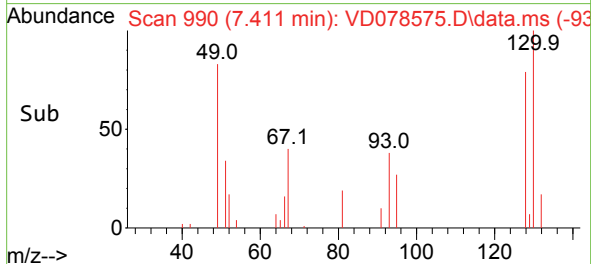
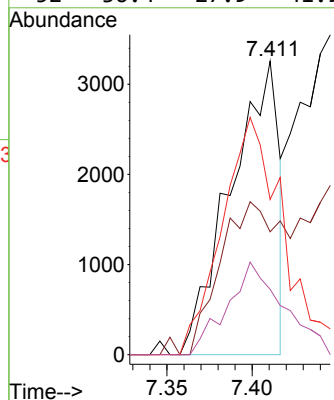
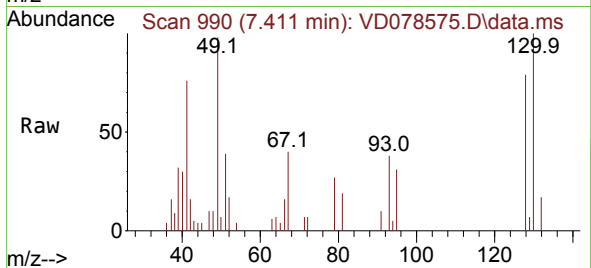




#41
Methacrylonitrile
Concen: 19.375 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.012 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

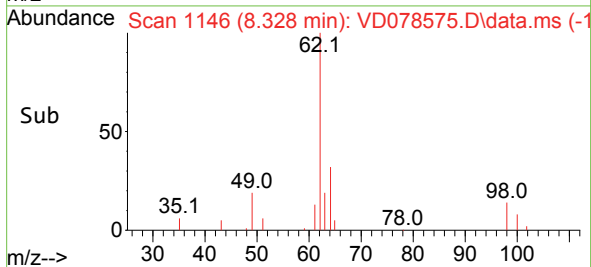
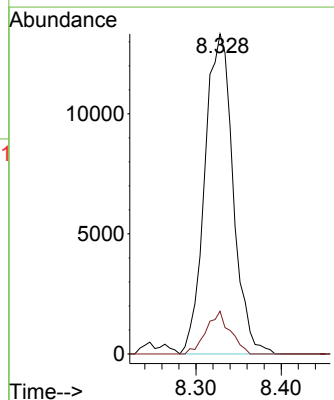
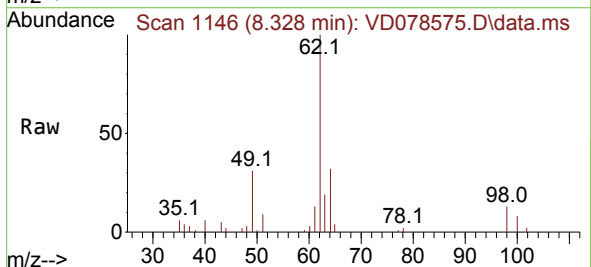
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

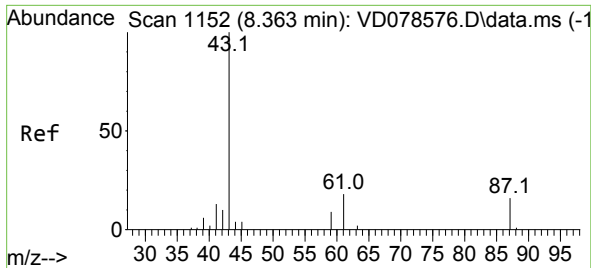
Tgt Ion: 41 Resp: 6462
Ion Ratio Lower Upper
41 100
39 67.9 34.0 51.0#
67 101.3 77.0 115.4
52 36.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.251 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 62 Resp: 30689
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

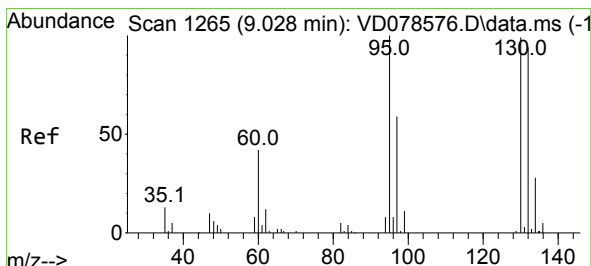
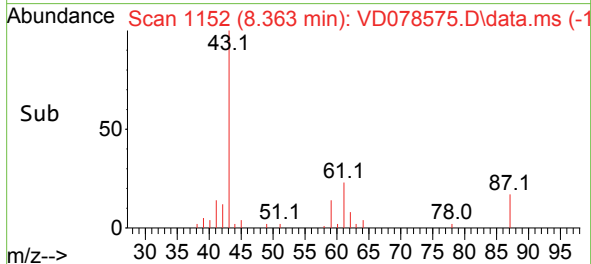
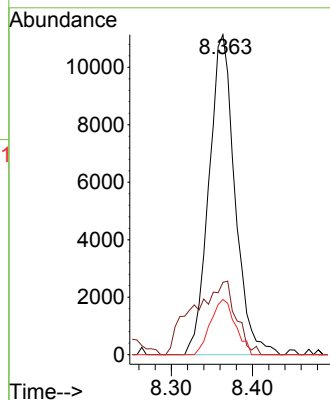
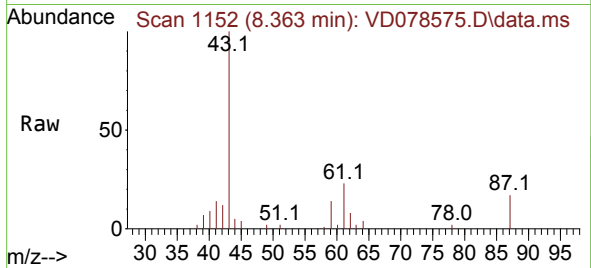




#43
Isopropyl Acetate
Concen: 20.742 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

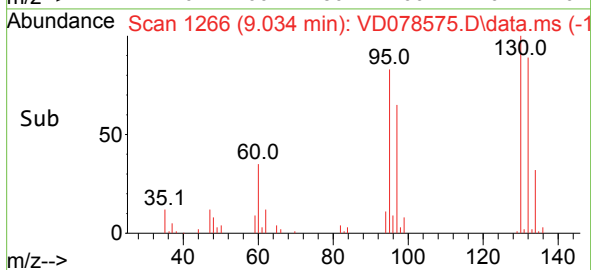
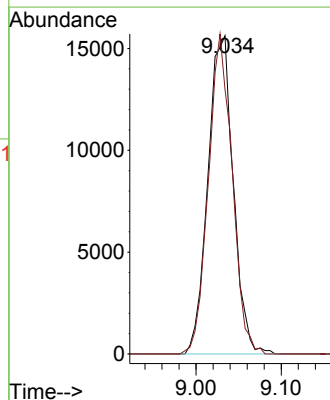
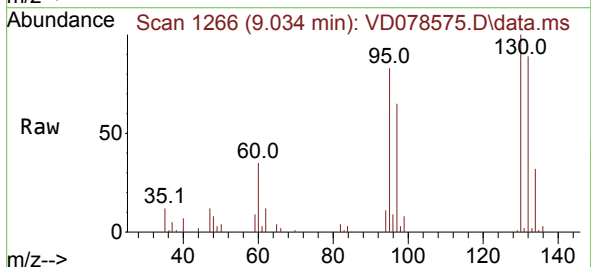
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

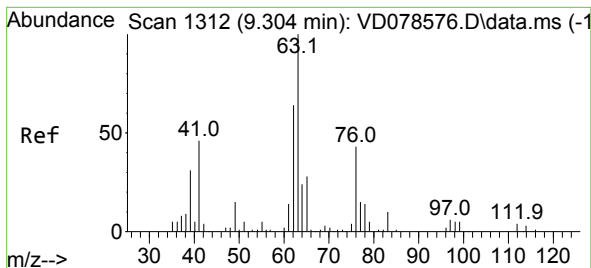
Tgt Ion:	43	Resp:	24745
Ion Ratio	Lower	Upper	
43	100		
61	37.6	31.4	47.0
87	16.4	14.9	22.3



#44
Trichloroethene
Concen: 20.706 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:	130	Resp:	32345
Ion Ratio	Lower	Upper	
130	100		
95	83.1	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.979 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

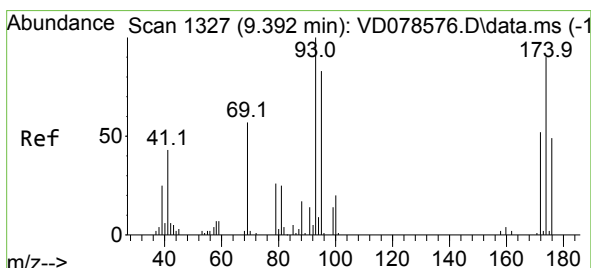
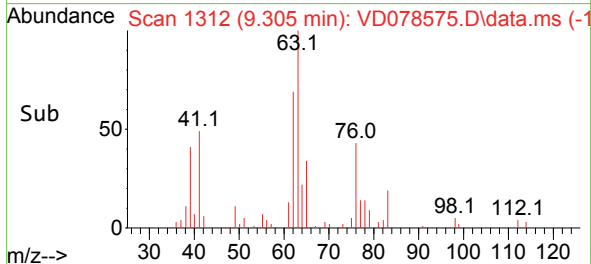
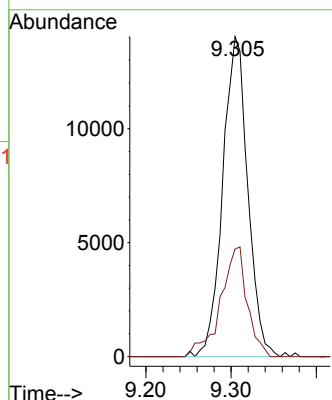
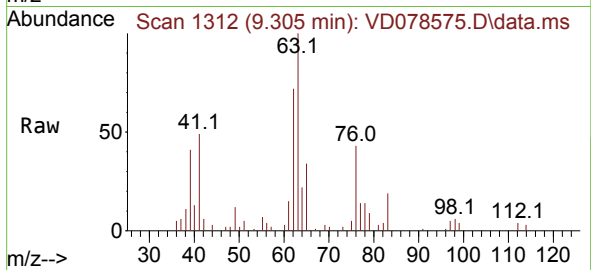
VSTDICC020

Tgt Ion: 63 Resp: 28688

Ion Ratio Lower Upper

63 100

65 33.7 24.5 36.7



#46

Dibromomethane

Concen: 19.910 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

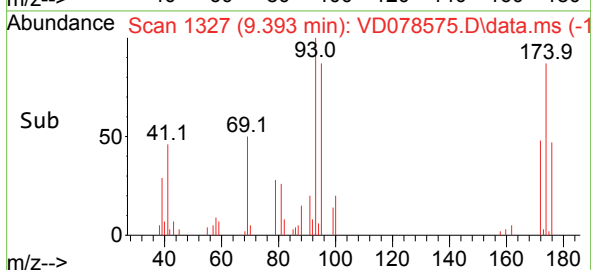
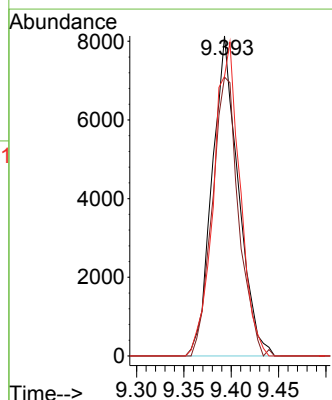
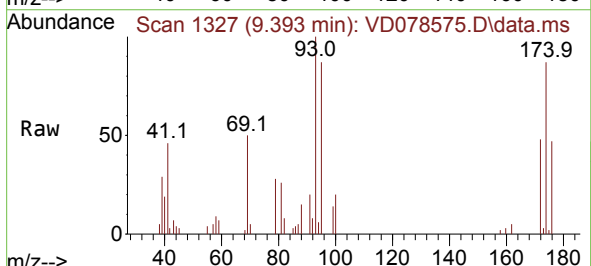
Tgt Ion: 93 Resp: 15695

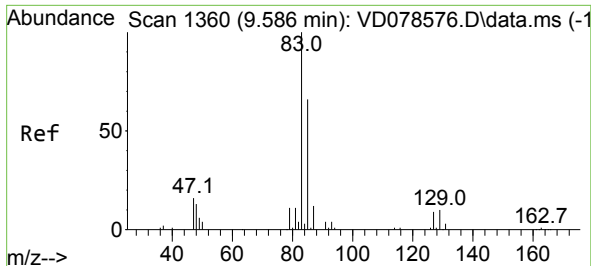
Ion Ratio Lower Upper

93 100

95 88.1 67.7 101.5

174 98.0 85.4 128.2

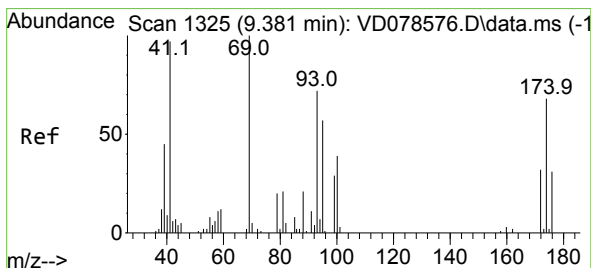
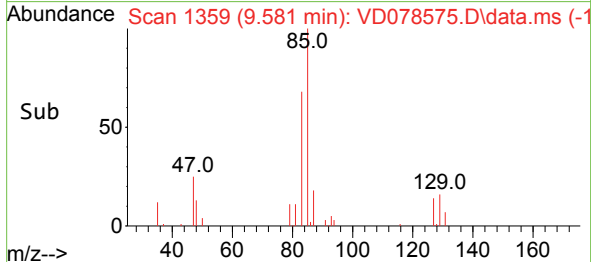
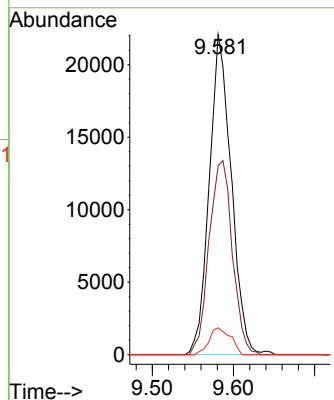
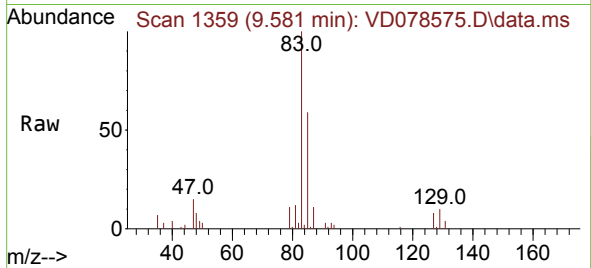




#47
Bromodichloromethane
Concen: 21.388 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

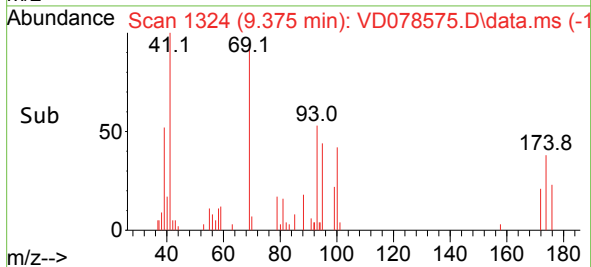
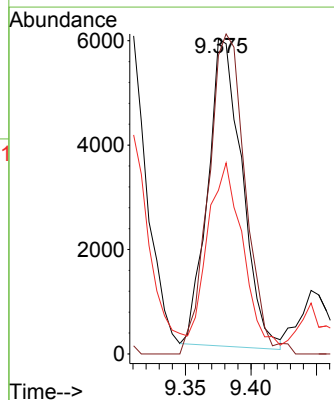
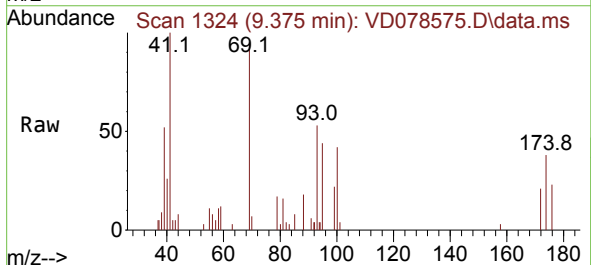
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

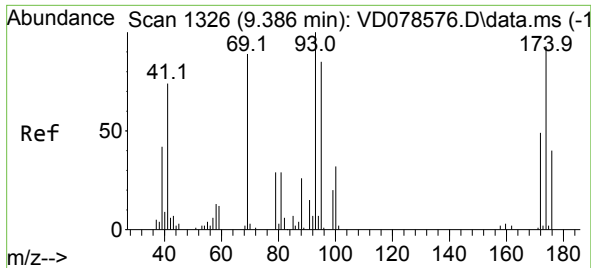
Tgt Ion: 83 Resp: 41574
Ion Ratio Lower Upper
83 100
85 59.1 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 19.805 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 41 Resp: 10703
Ion Ratio Lower Upper
41 100
69 111.7 102.2 153.2
39 65.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 458.020 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

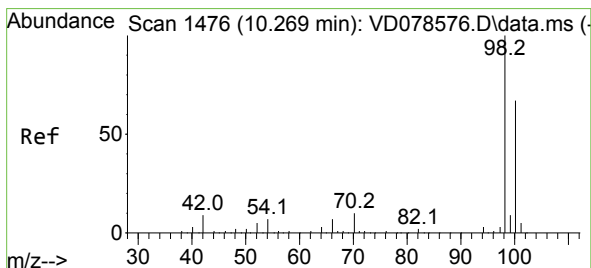
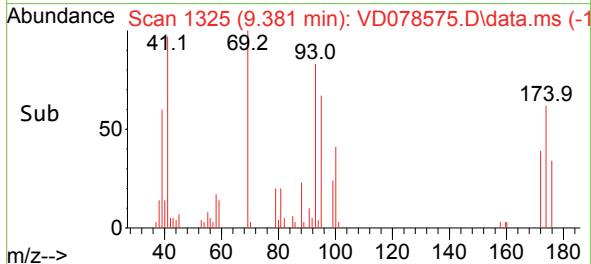
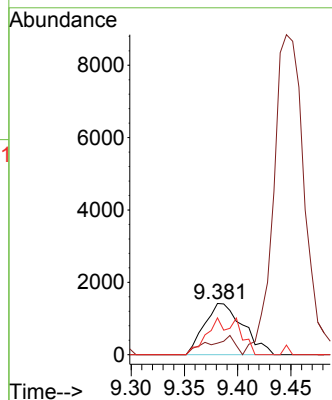
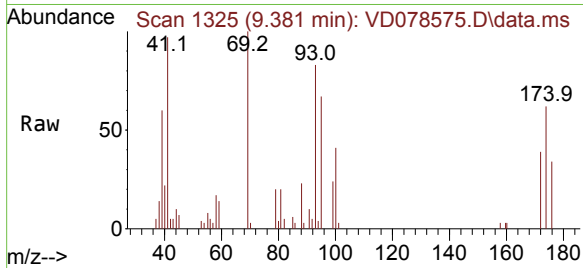
Tgt Ion: 88 Resp: 3574

Ion Ratio Lower Upper

88 100

43 24.8 19.0 28.6

58 58.4 43.5 65.3



#50

Toluene-d8

Concen: 21.741 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078575.D

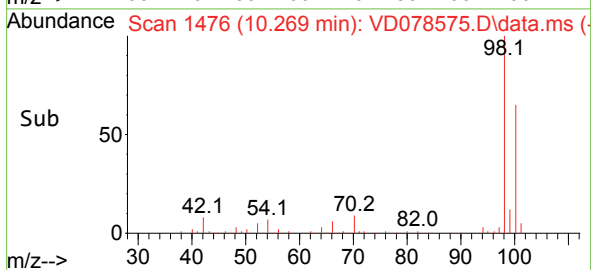
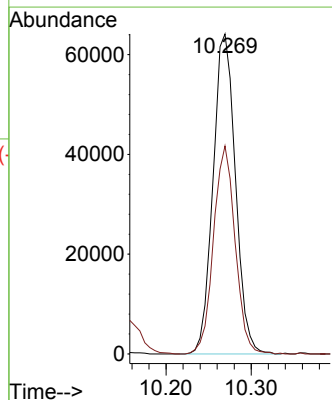
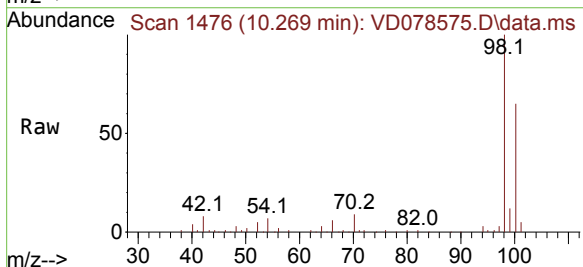
Acq: 01 Mar 2024 13:10

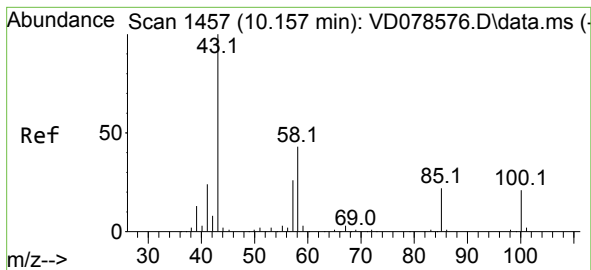
Tgt Ion: 98 Resp: 117249

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

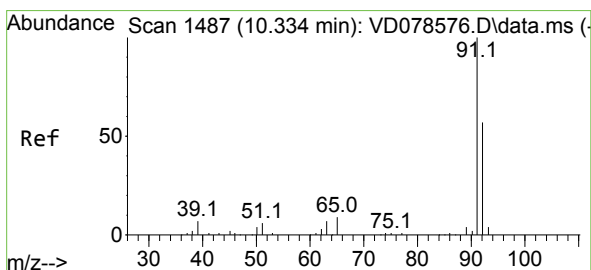
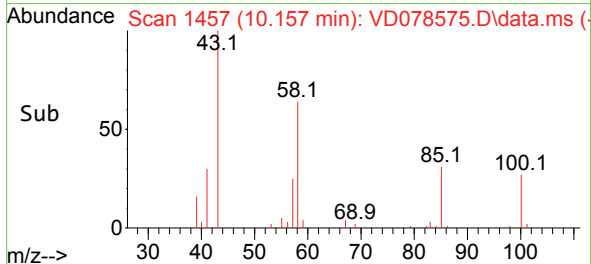
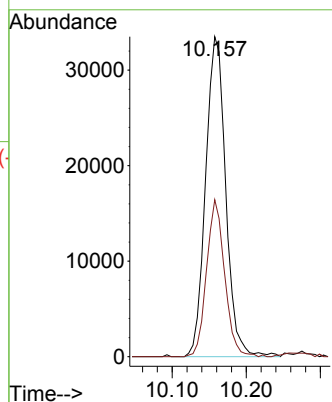
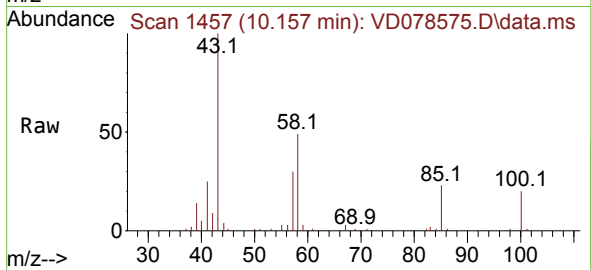




#51
4-Methyl-2-Pentanone
Concen: 102.712 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

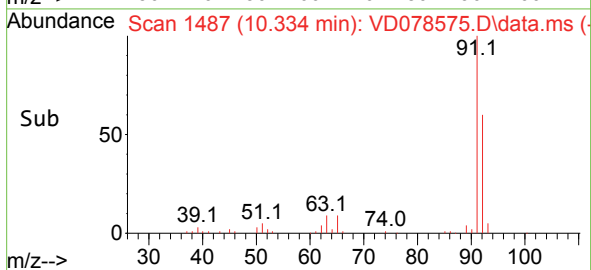
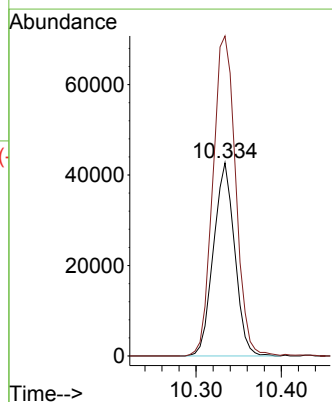
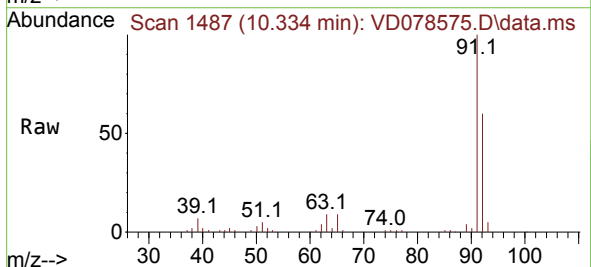
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

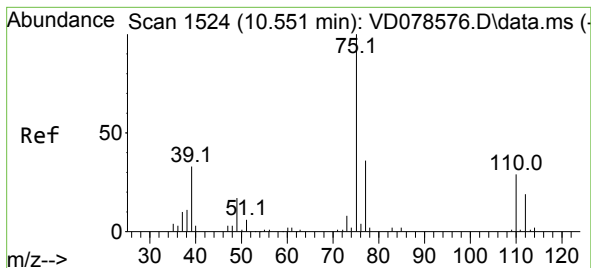
Tgt Ion: 43 Resp: 63247
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 20.195 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 92 Resp: 73762
Ion Ratio Lower Upper
92 100
91 178.1 143.0 214.4

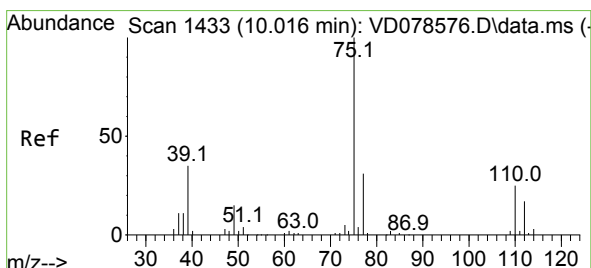
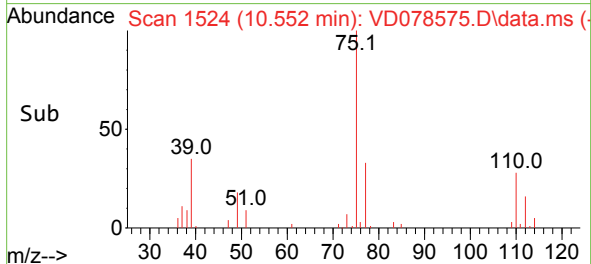
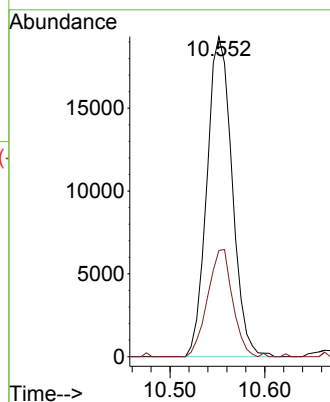
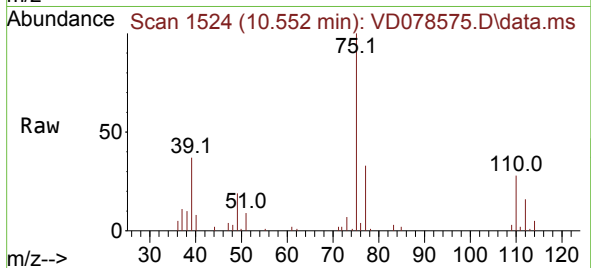




#53
t-1,3-Dichloropropene
Concen: 19.797 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

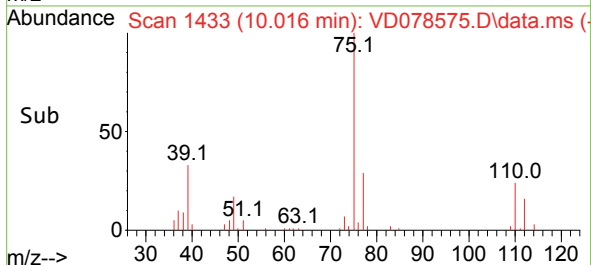
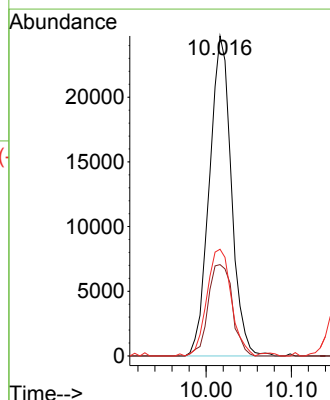
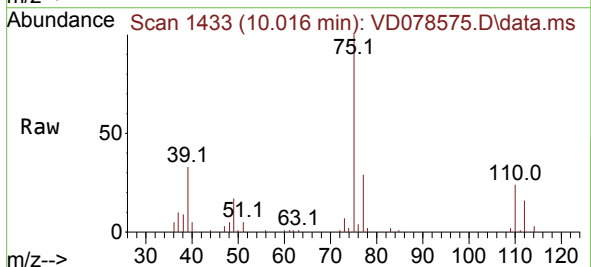
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

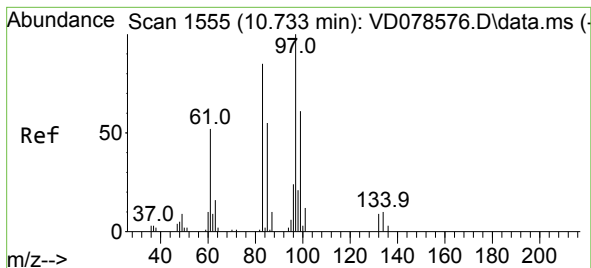
Tgt Ion: 75 Resp: 35599
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.559 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 75 Resp: 44263
Ion Ratio Lower Upper
75 100
77 28.6 25.5 38.3
39 33.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.248 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 22476

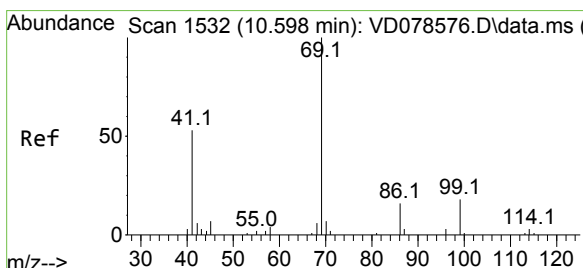
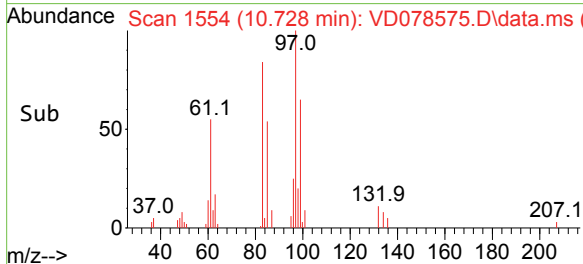
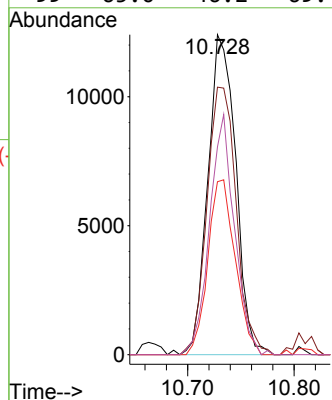
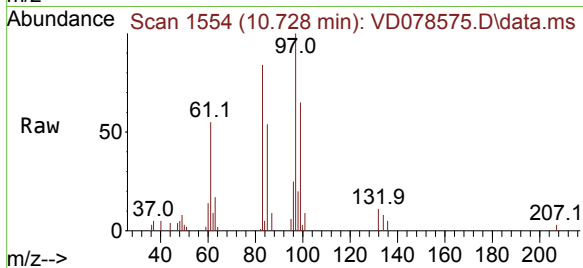
Ion Ratio Lower Upper

97 100

83 83.6 65.8 98.6

85 54.0 45.7 68.5

99 65.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.630 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

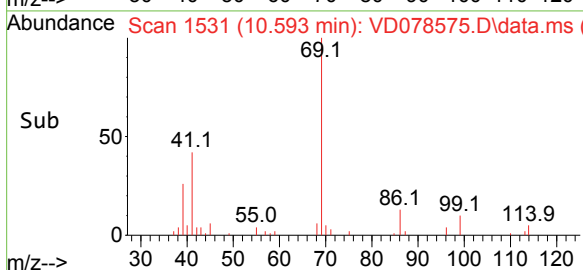
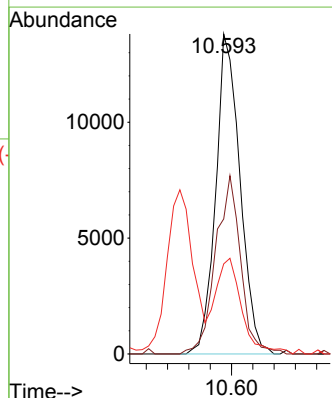
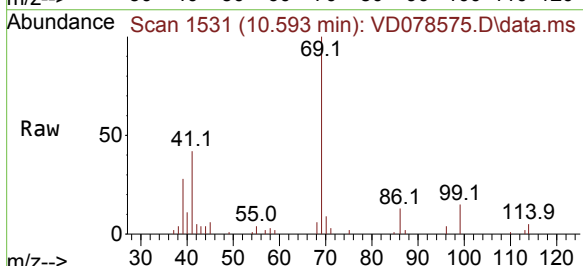
Tgt Ion: 69 Resp: 21839

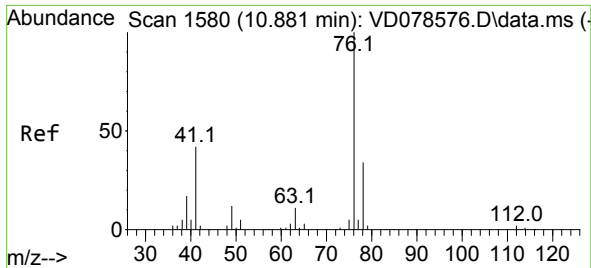
Ion Ratio Lower Upper

69 100

41 57.6 39.1 58.7

39 32.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.924 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

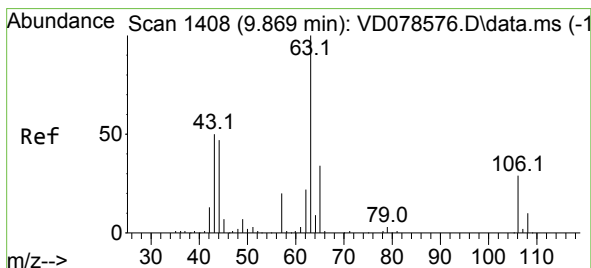
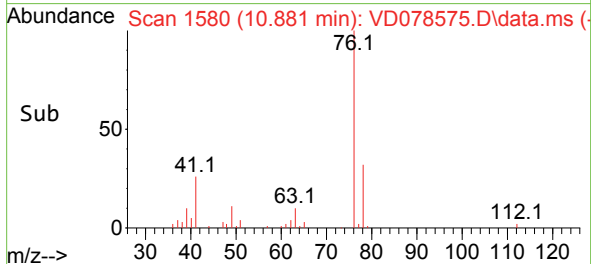
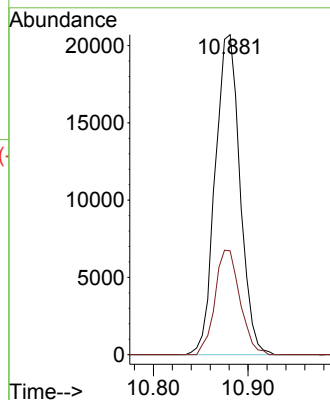
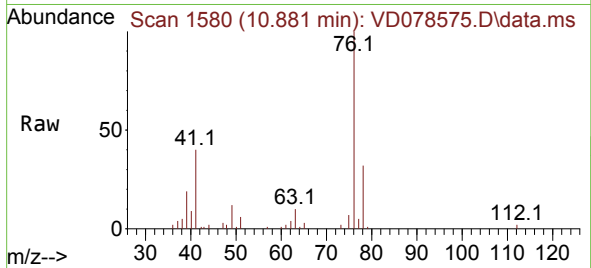
VSTDICC020

Tgt Ion: 76 Resp: 37638

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 122.520 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078575.D

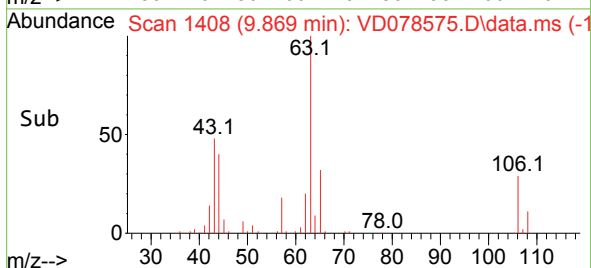
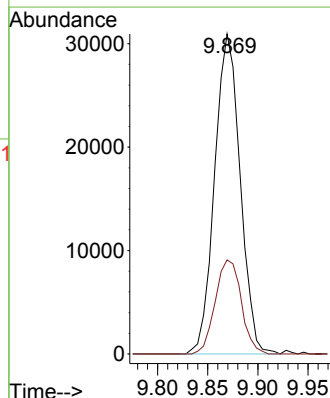
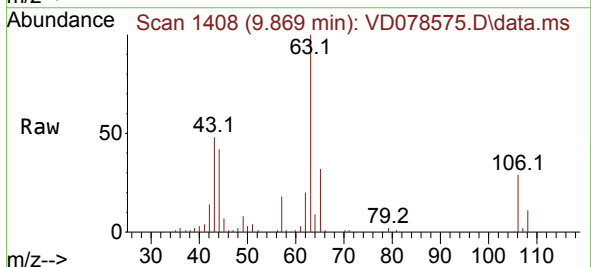
Acq: 01 Mar 2024 13:10

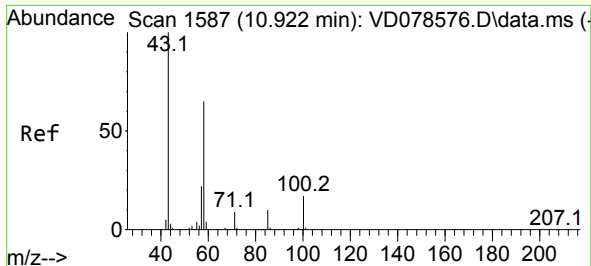
Tgt Ion: 63 Resp: 54669

Ion Ratio Lower Upper

63 100

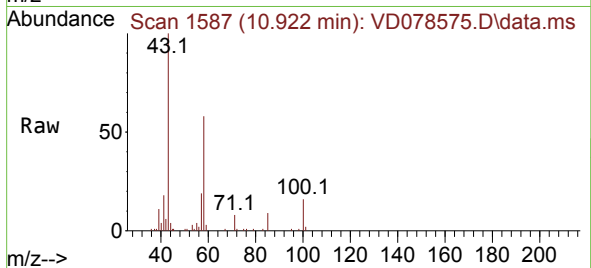
106 29.9 25.3 37.9



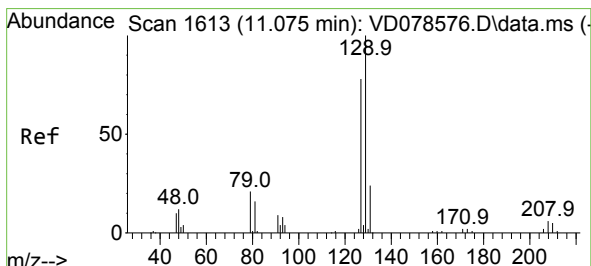
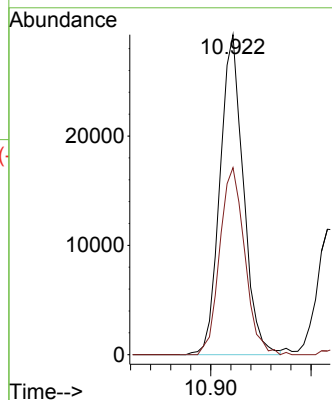
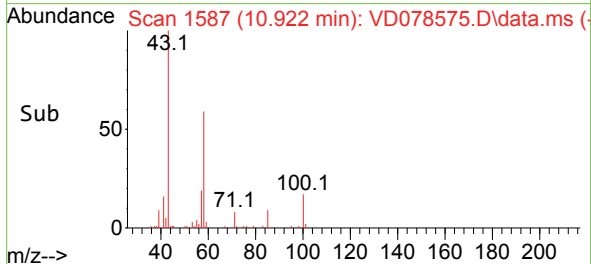


#59
2-Hexanone
Concen: 103.762 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

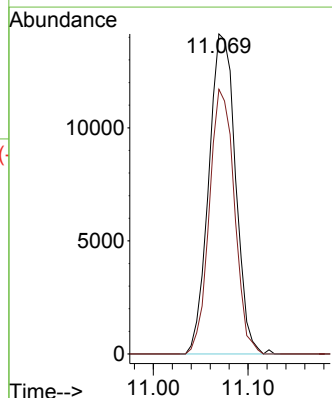
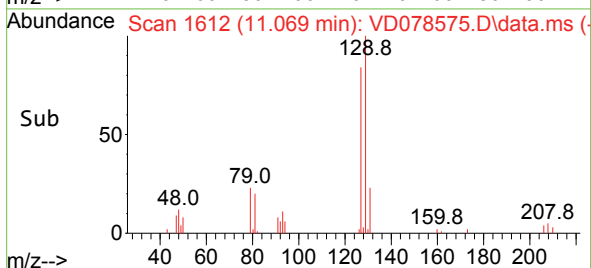
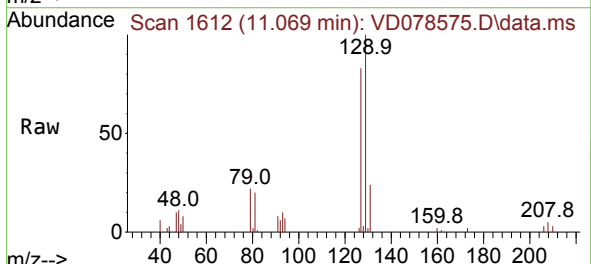


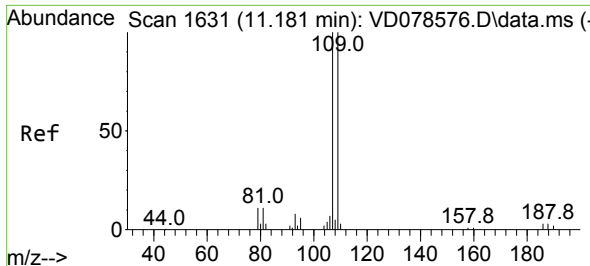
Tgt Ion: 43 Resp: 47391
Ion Ratio Lower Upper
43 100
58 62.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.686 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 129 Resp: 27726
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

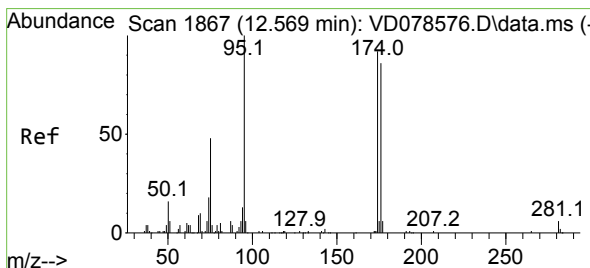
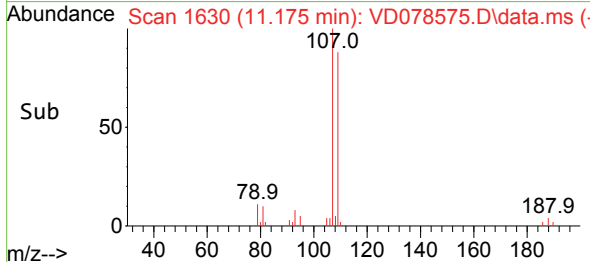
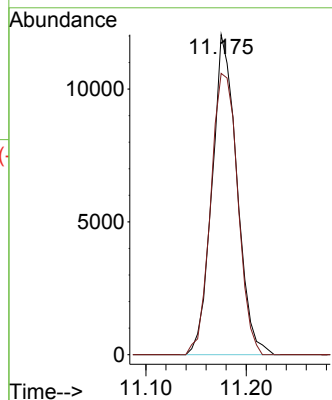
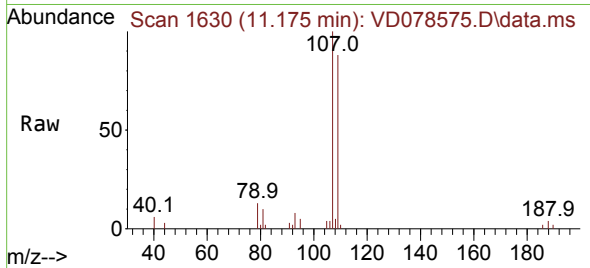




#61
1,2-Dibromoethane
Concen: 20.369 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

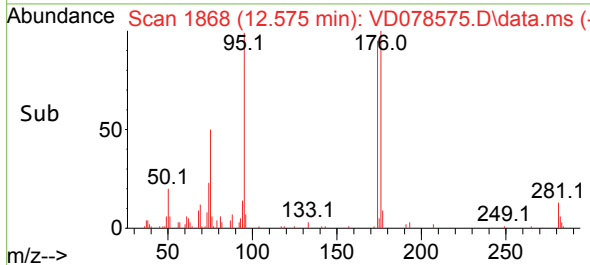
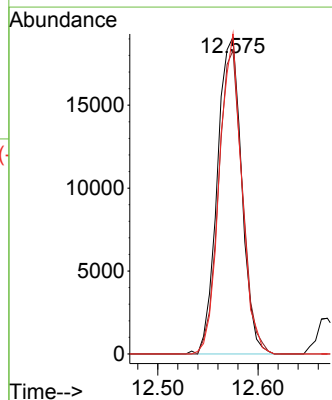
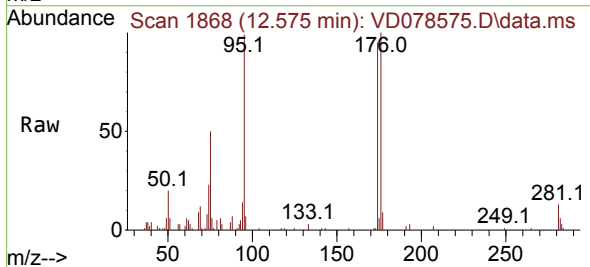
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

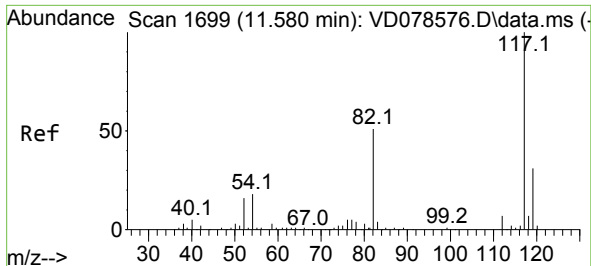
Tgt Ion:107 Resp: 20750
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.869 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 95 Resp: 32145
Ion Ratio Lower Upper
95 100
174 93.6 0.0 201.8
176 92.4 0.0 191.8

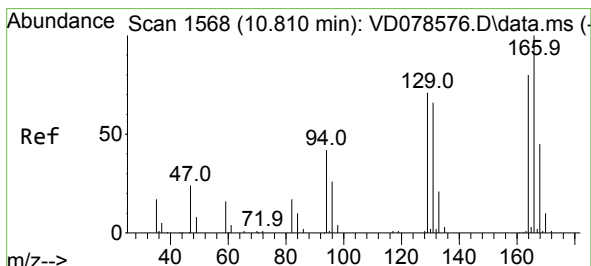
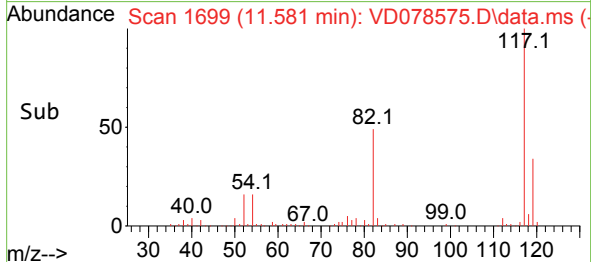
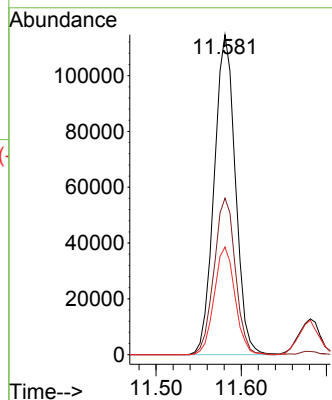
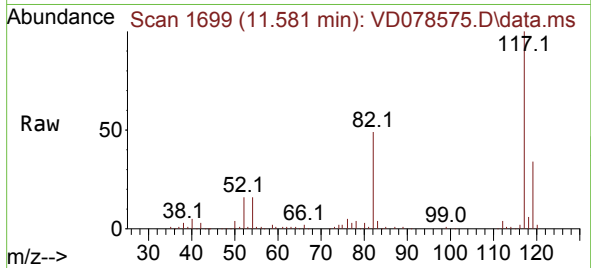




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

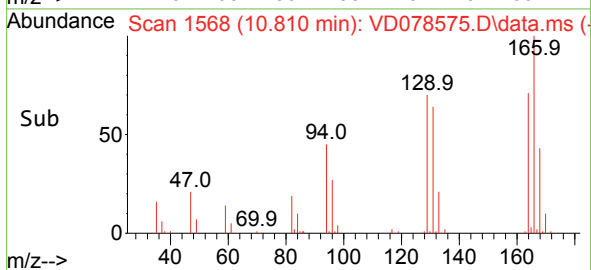
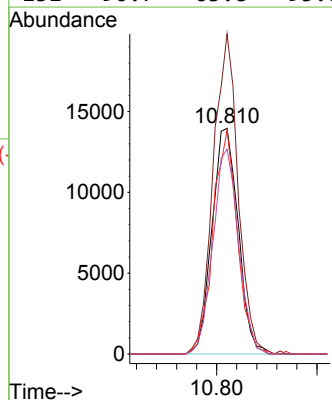
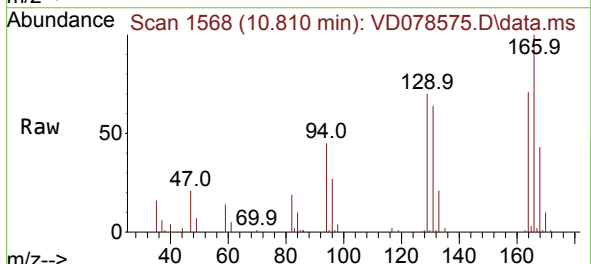
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

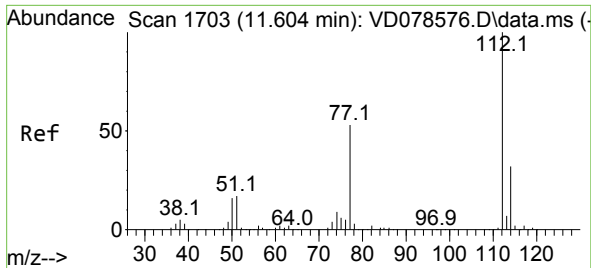
Tgt Ion:117 Resp: 198396
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 33.6 25.0 37.4



#64
Tetrachloroethene
Concen: 20.279 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:164 Resp: 25314
Ion Ratio Lower Upper
164 100
166 141.8 99.2 148.8
129 99.1 68.4 102.6
131 90.7 63.8 95.8

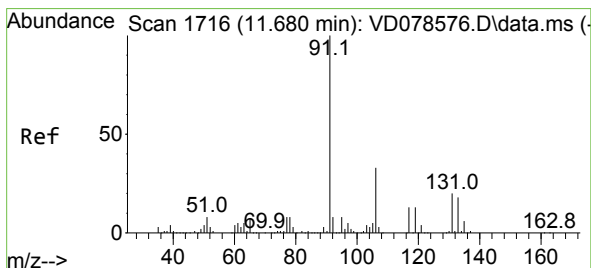
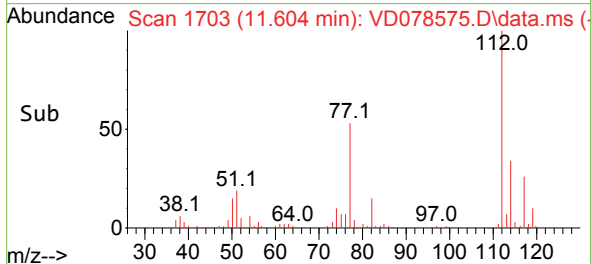
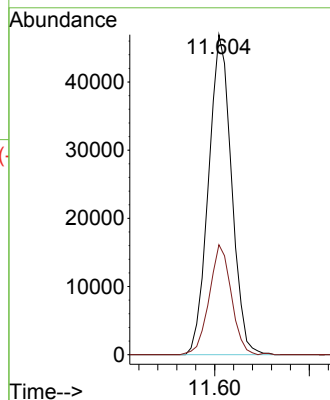
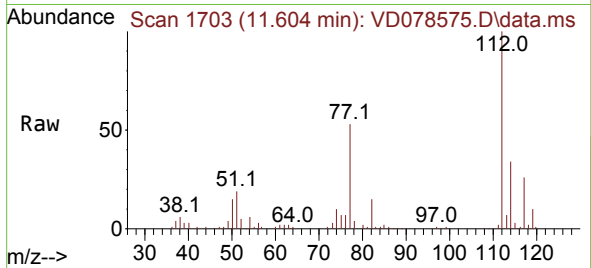




#65
Chlorobenzene
Concen: 20.226 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

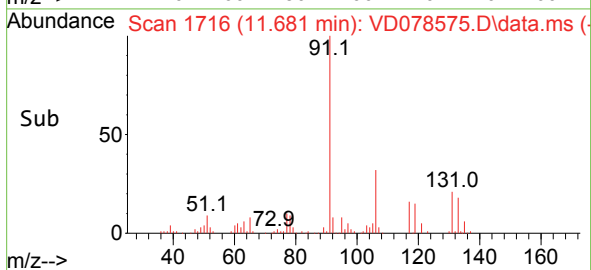
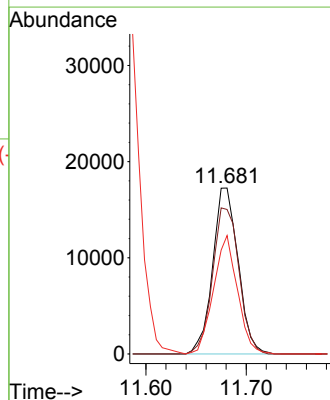
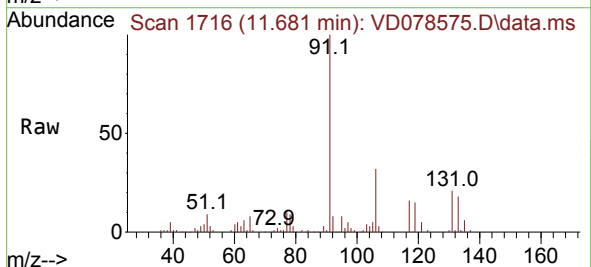
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

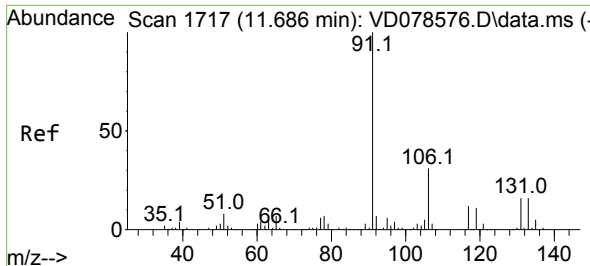
Tgt Ion:112 Resp: 79021
Ion Ratio Lower Upper
112 100
114 34.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.971 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:131 Resp: 30502
Ion Ratio Lower Upper
131 100
133 91.2 48.5 145.5
119 67.0 35.6 106.9





#67

Ethyl Benzene

Concen: 19.951 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

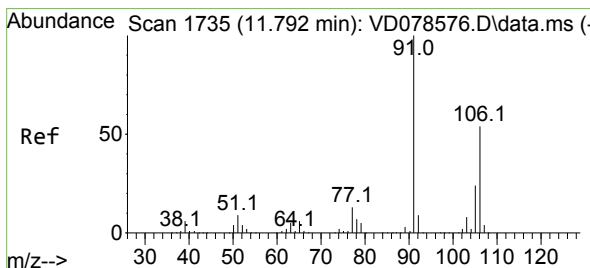
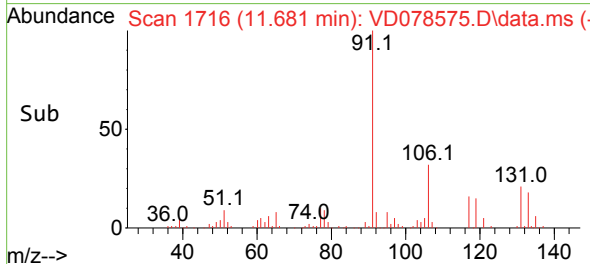
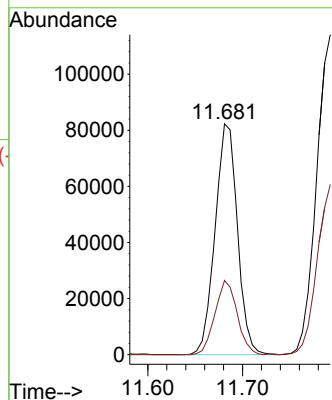
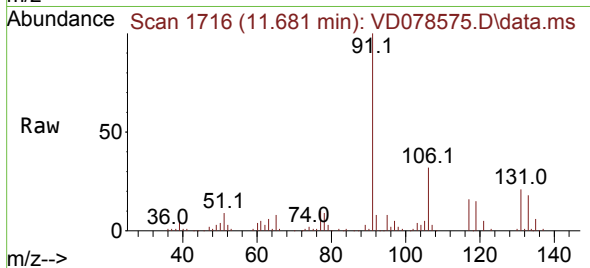
VSTDIC020

Tgt Ion: 91 Resp: 135056

Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



#68

m/p-Xylenes

Concen: 39.877 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078575.D

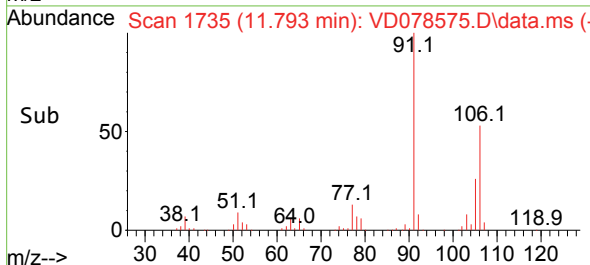
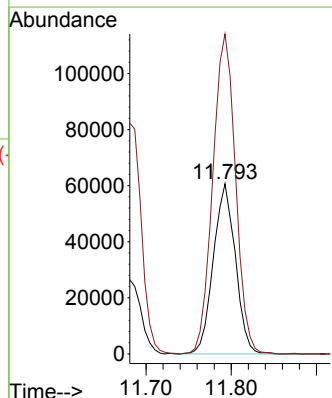
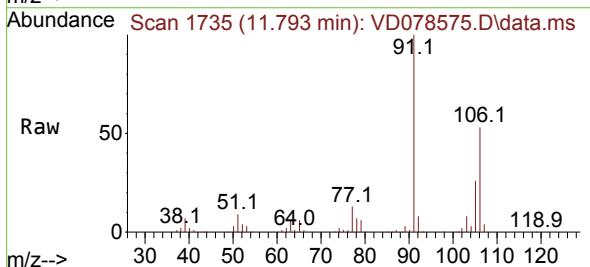
Acq: 01 Mar 2024 13:10

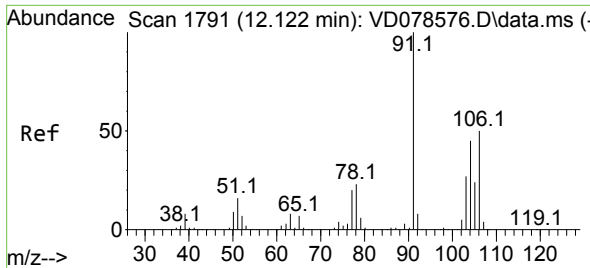
Tgt Ion:106 Resp: 109211

Ion Ratio Lower Upper

106 100

91 194.2 147.0 220.6

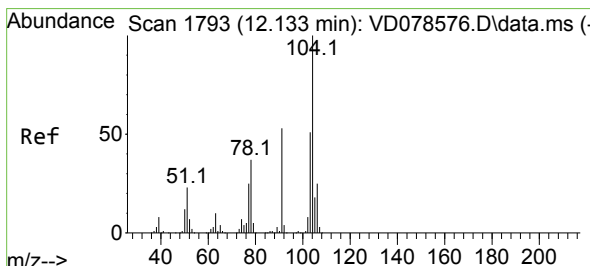
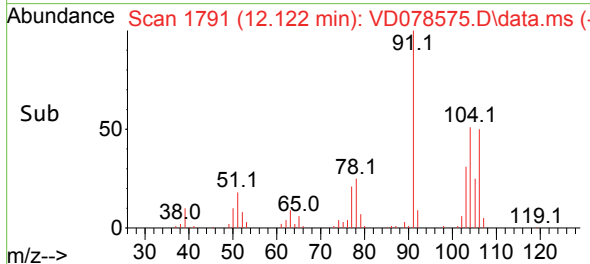
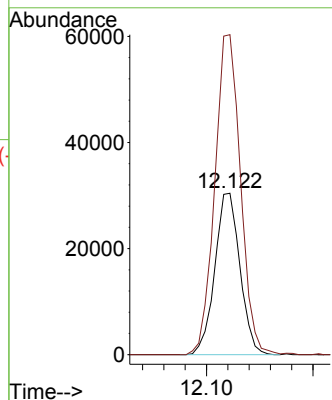
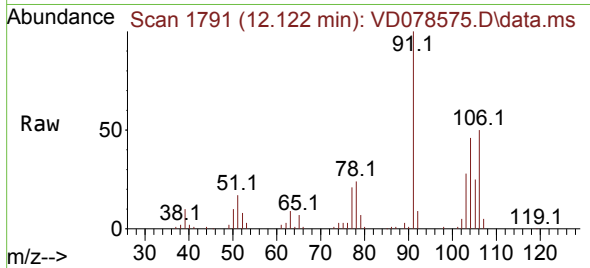




#69
o-Xylene
Concen: 20.007 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

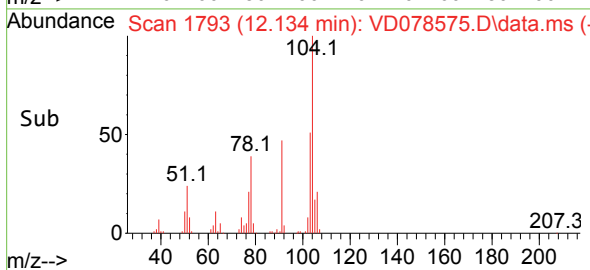
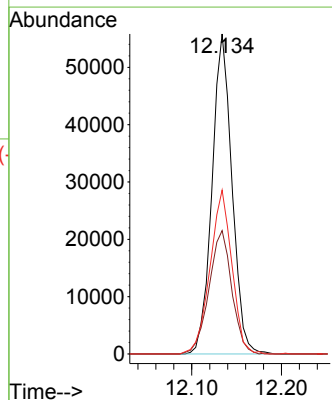
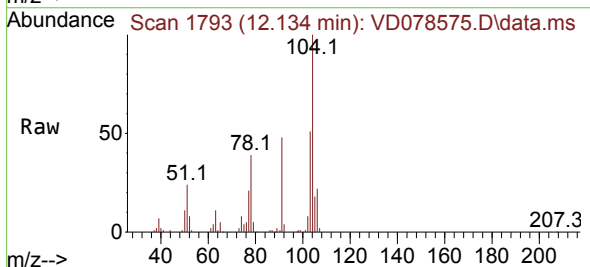
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

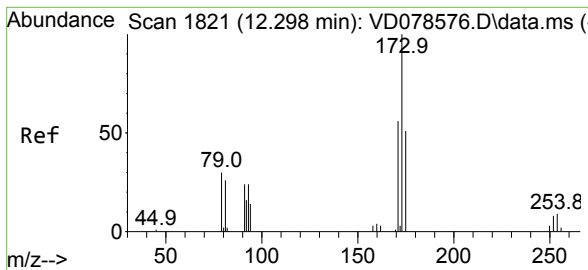
Tgt Ion:106 Resp: 49706
Ion Ratio Lower Upper
106 100
91 203.6 97.9 293.6



#70
Styrene
Concen: 20.030 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:104 Resp: 86259
Ion Ratio Lower Upper
104 100
78 44.0 33.2 49.8
103 55.9 43.6 65.4

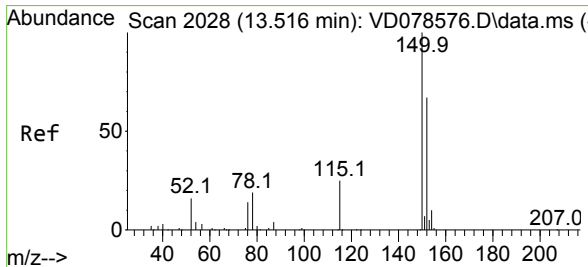
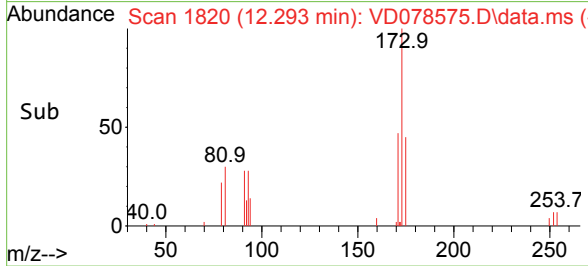
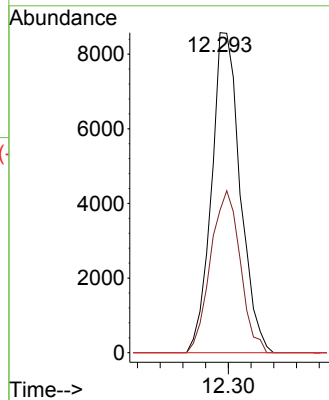
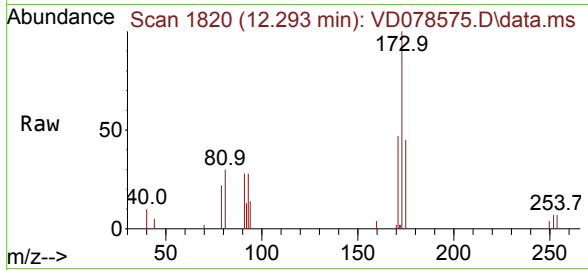




#71
Bromoform
Concen: 19.440 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

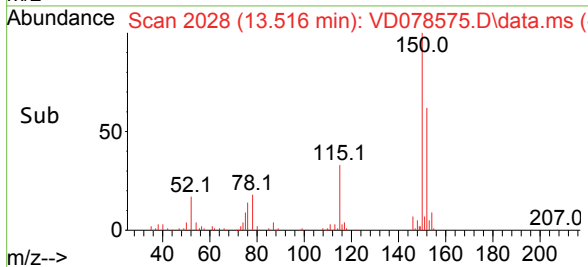
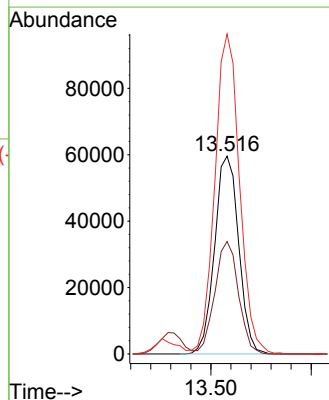
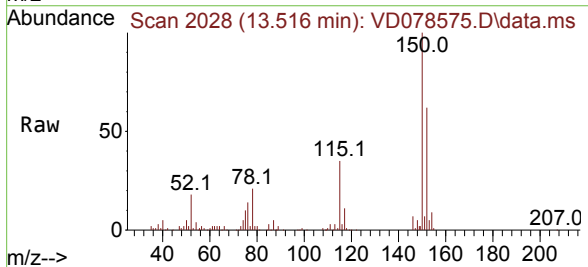
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

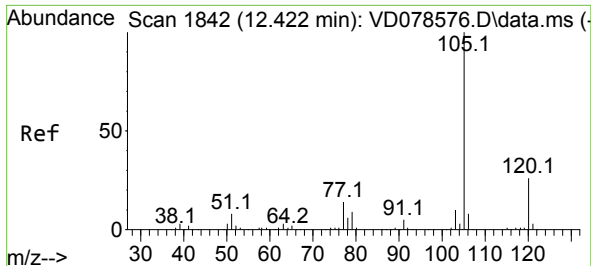
Tgt Ion:173	Resp:	15042
Ion Ratio	Lower	Upper
173	100	
175	52.3	24.6 73.8
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:152	Resp:	99294
Ion Ratio	Lower	Upper
152	100	
115	56.0	27.1 81.3
150	166.0	0.0 353.6

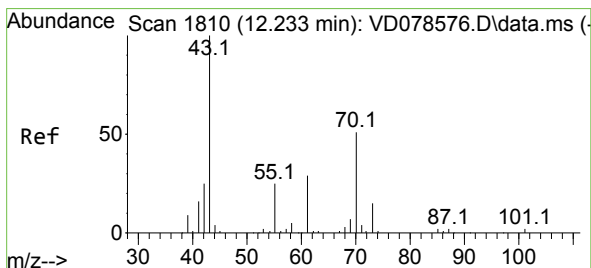
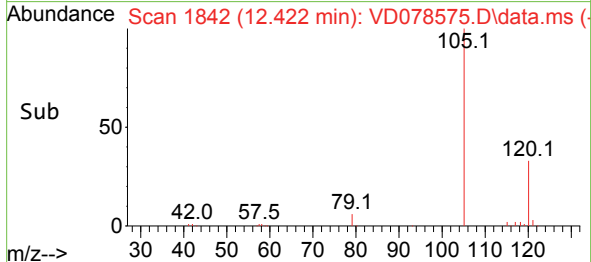
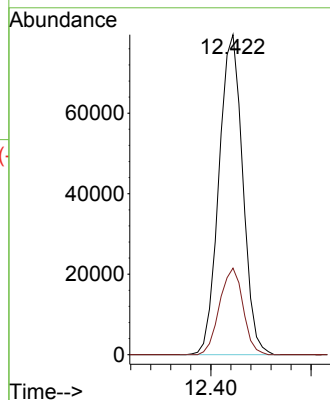
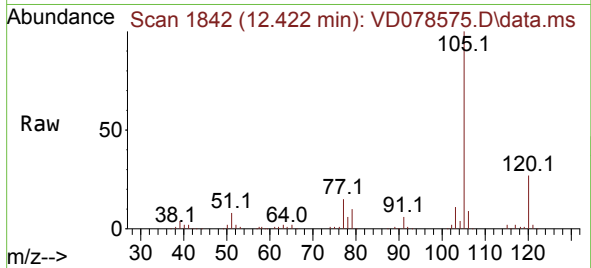




#73
Isopropylbenzene
Concen: 20.775 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

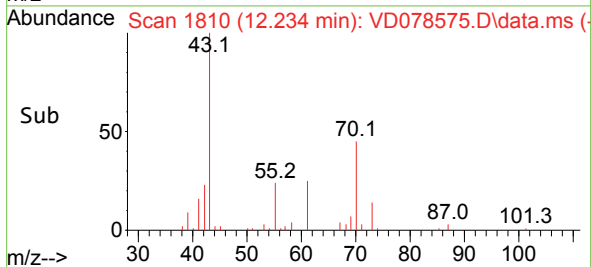
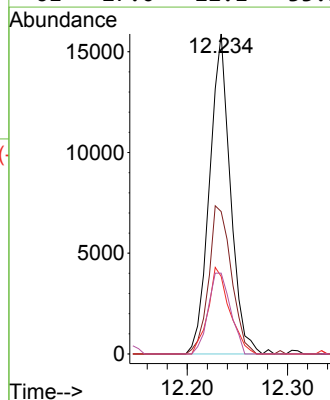
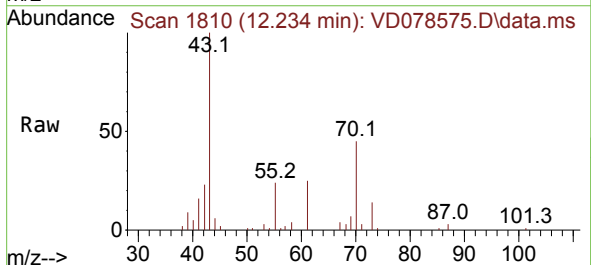
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

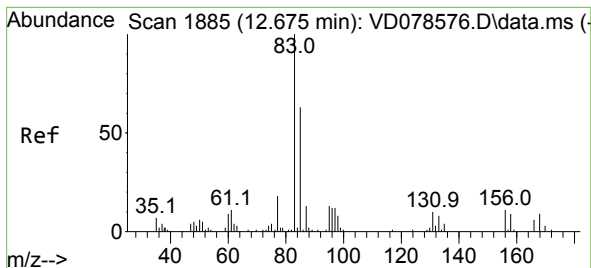
Tgt Ion:105 Resp: 130766
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 21.712 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 43 Resp: 23002
Ion Ratio Lower Upper
43 100
70 50.3 45.0 67.4
55 28.0 23.8 35.6
61 27.0 22.1 33.1

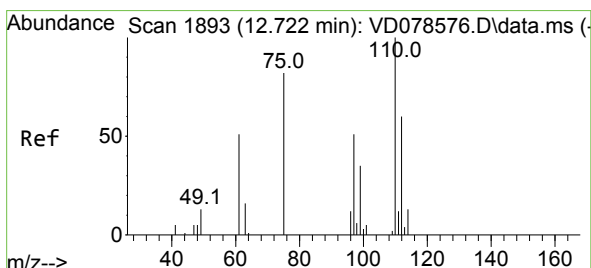
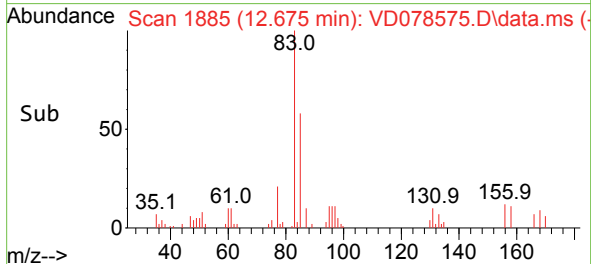
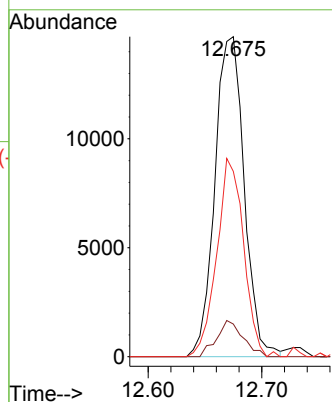
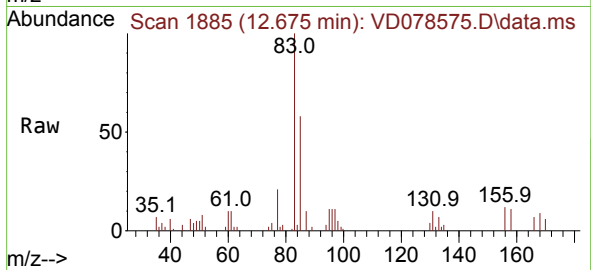




#75
1,1,2,2-Tetrachloroethane
Concen: 21.847 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

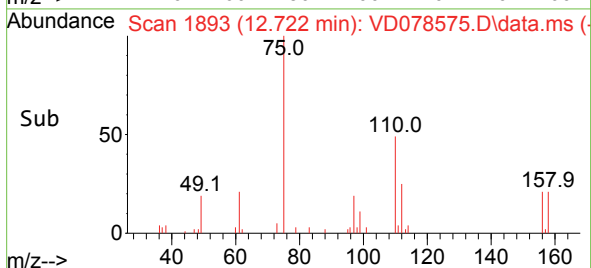
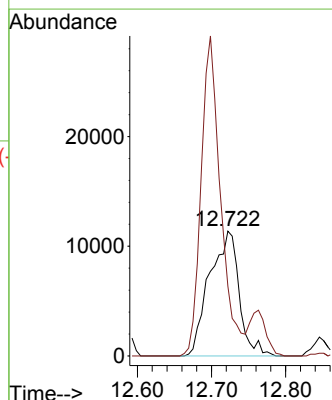
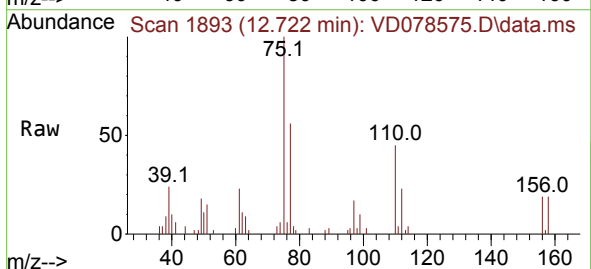
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

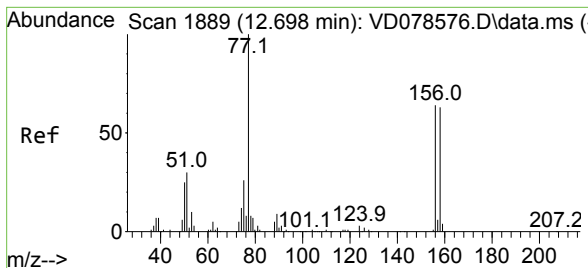
Tgt Ion: 83 Resp: 26343
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 56.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 41.497 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion: 75 Resp: 31541
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.825 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

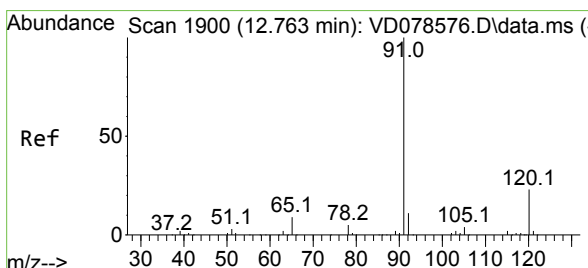
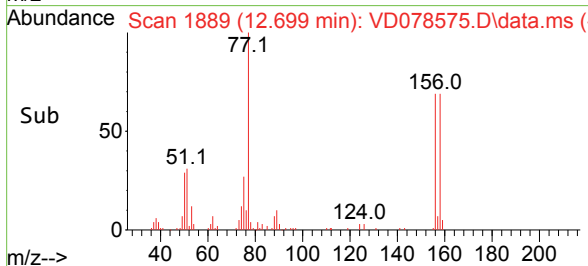
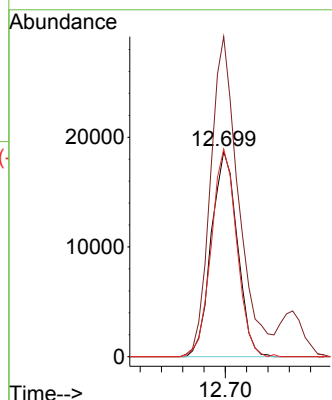
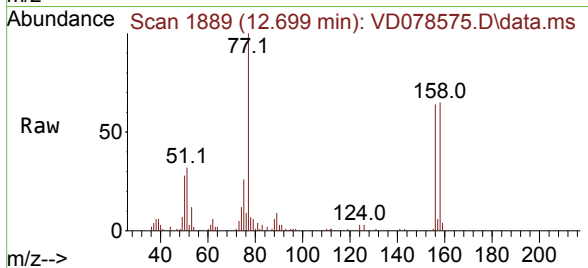
Tgt Ion:156 Resp: 31700

Ion Ratio Lower Upper

156 100

77 169.5 76.8 230.4

158 98.9 48.6 145.9



#78

n-propylbenzene

Concen: 21.077 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078575.D

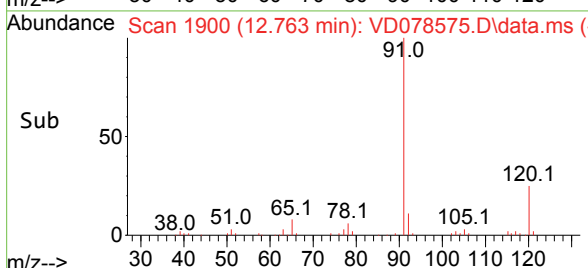
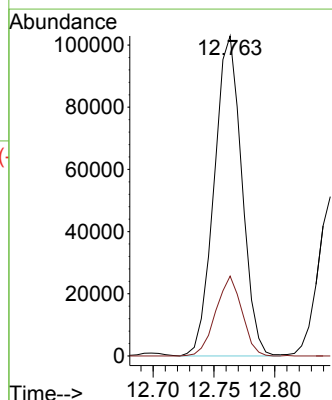
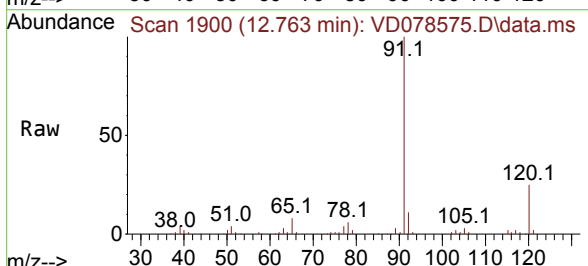
Acq: 01 Mar 2024 13:10

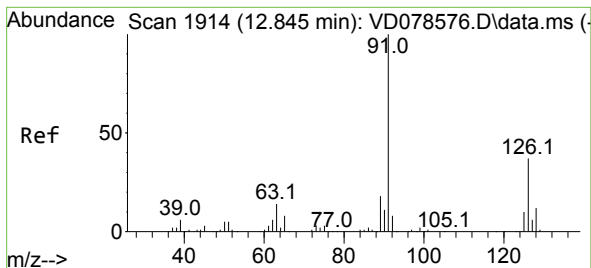
Tgt Ion: 91 Resp: 162277

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.918 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

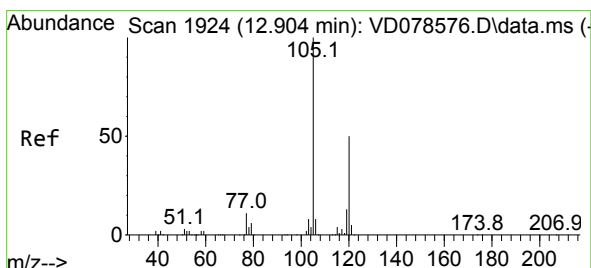
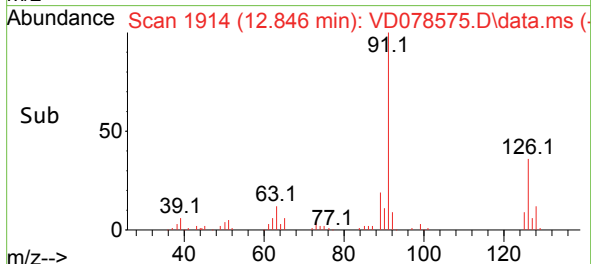
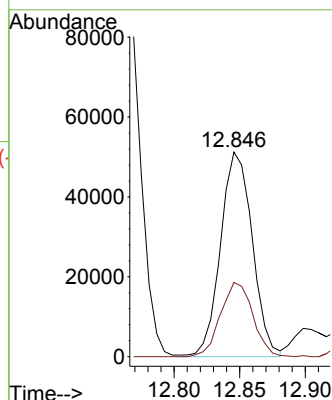
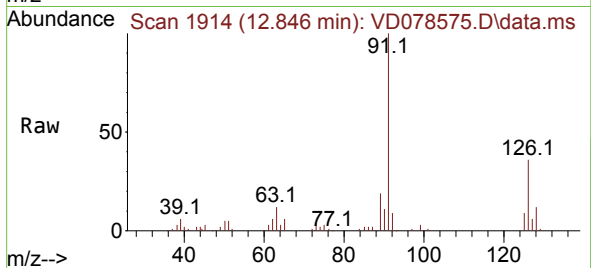
VSTDIC020

Tgt Ion: 91 Resp: 86420

Ion Ratio Lower Upper

91 100

126 36.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.249 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078575.D

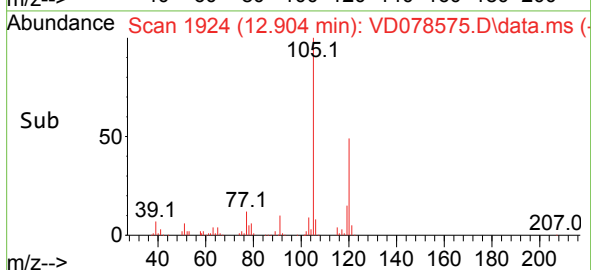
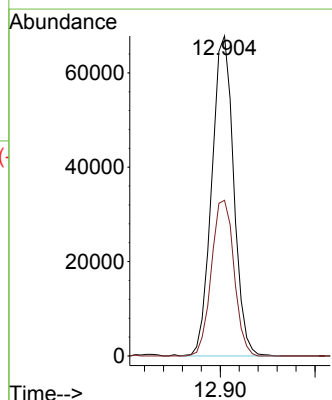
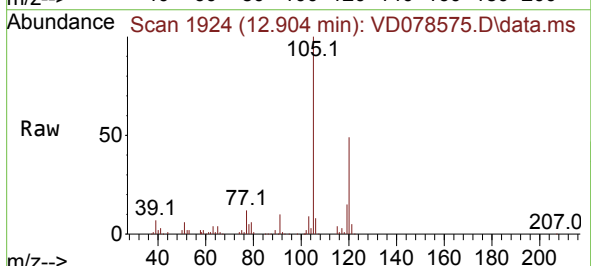
Acq: 01 Mar 2024 13:10

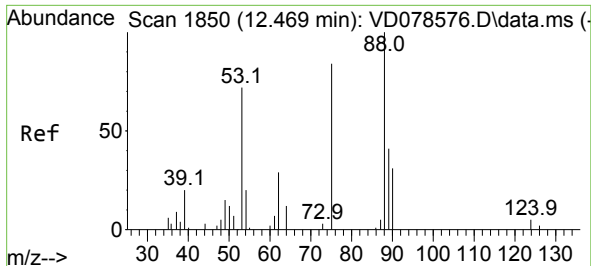
Tgt Ion: 105 Resp: 108834

Ion Ratio Lower Upper

105 100

120 50.2 26.4 79.2

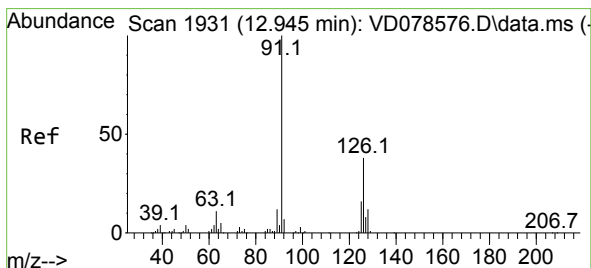
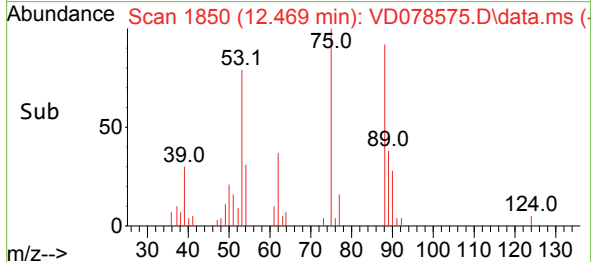
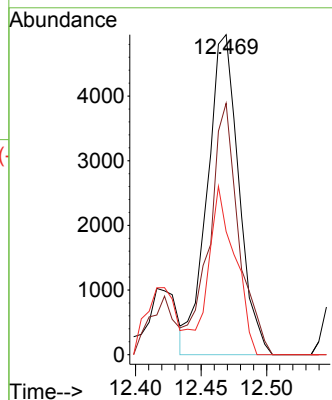
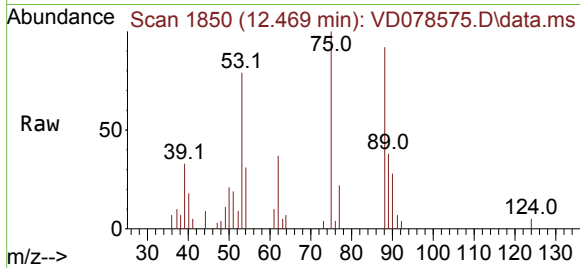




#81
trans-1,4-Dichloro-2-butene
Concen: 23.350 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

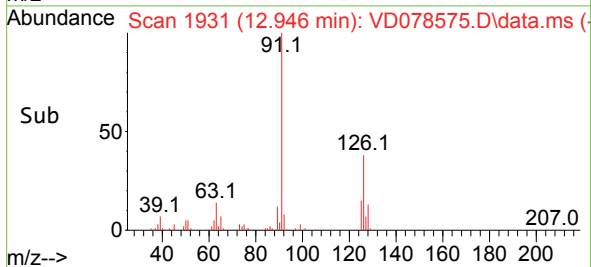
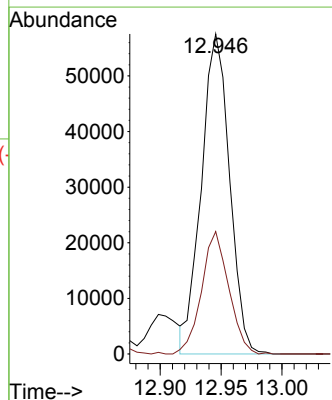
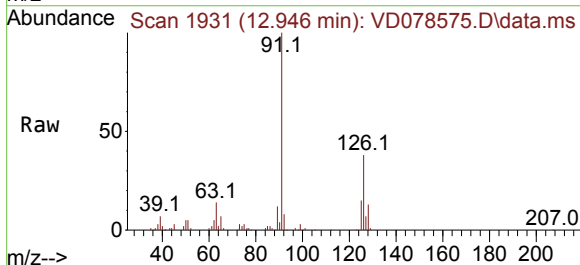
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

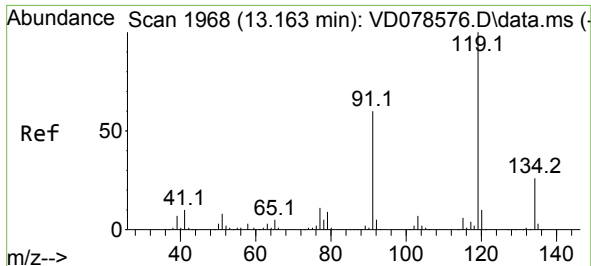
Tgt Ion:	75	Resp:	8273
Ion	Ratio	Lower	Upper
75	100		
53	73.8	63.0	94.4
89	42.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.079 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:	91	Resp:	92811
Ion	Ratio	Lower	Upper
91	100		
126	36.9	19.4	58.4

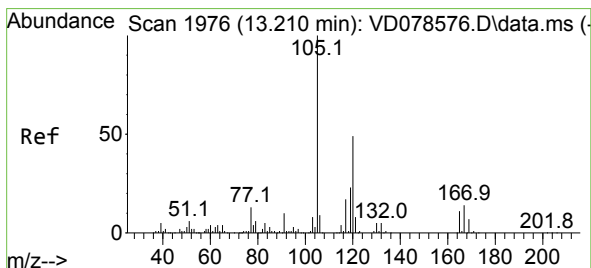
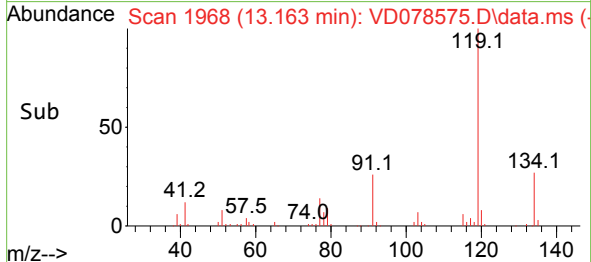
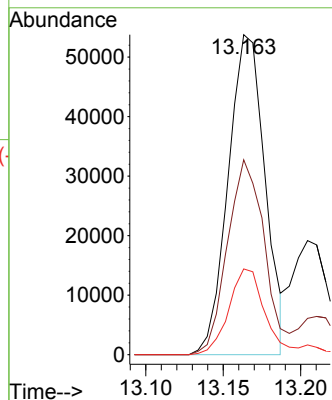
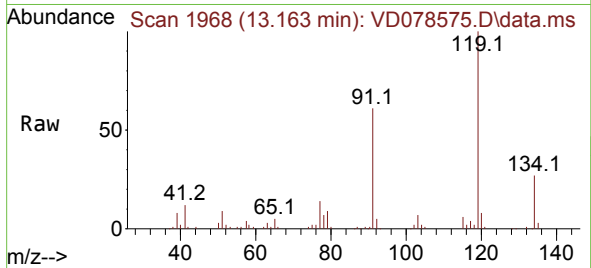




#83
tert-Butylbenzene
Concen: 20.170 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

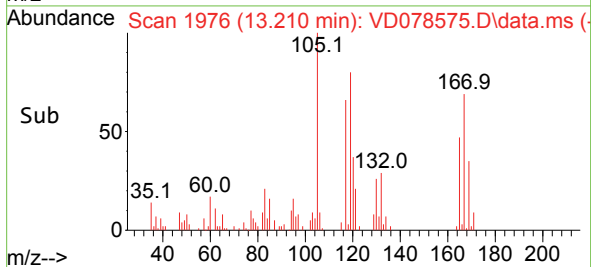
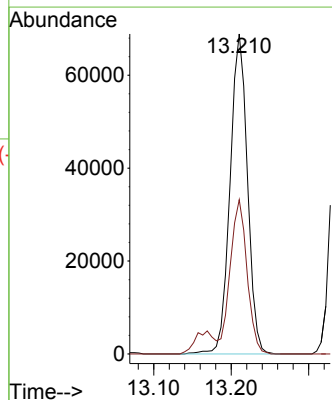
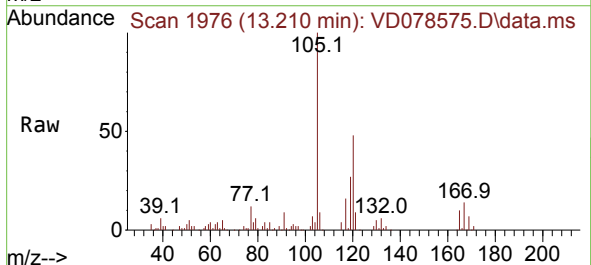
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

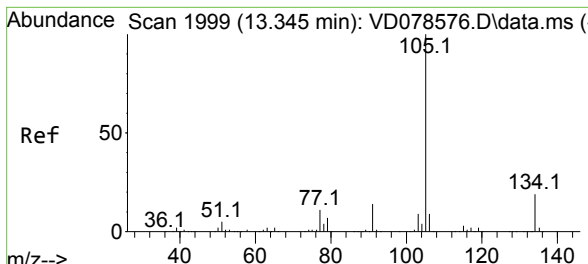
Tgt Ion:119 Resp: 88950
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.8
134 26.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.540 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:105 Resp: 107530
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

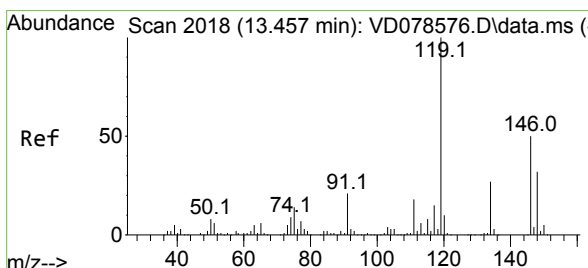
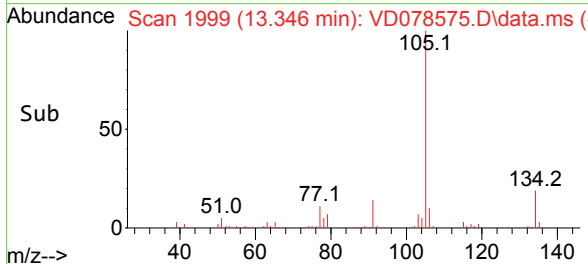
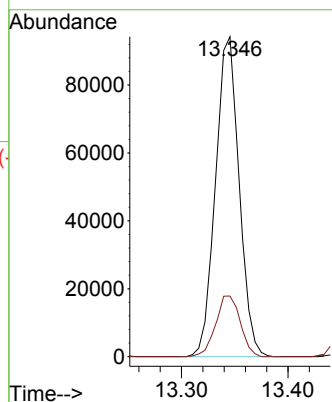
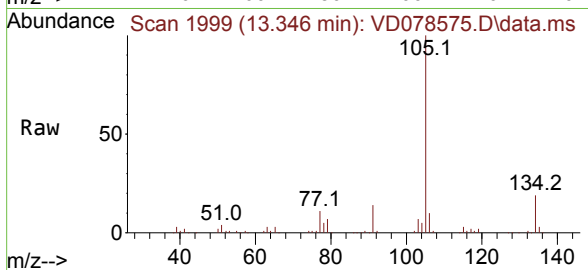




#85
 sec-Butylbenzene
 Concen: 21.070 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

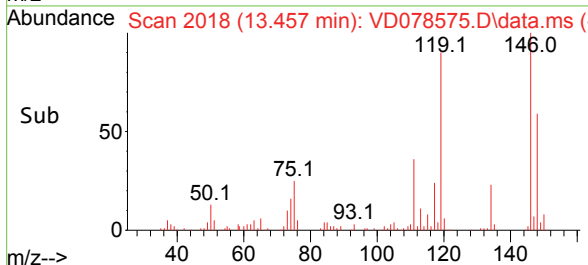
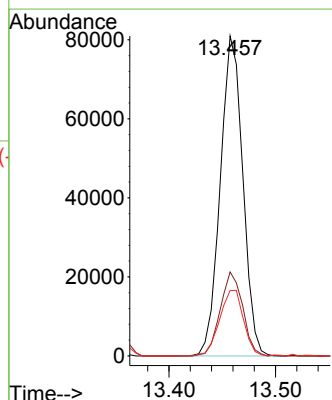
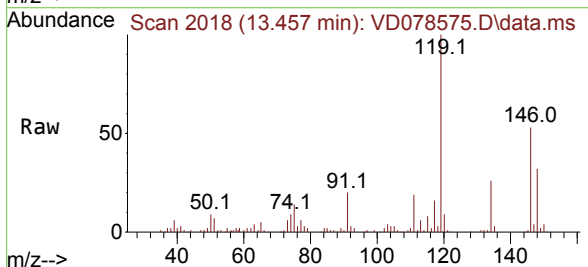
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

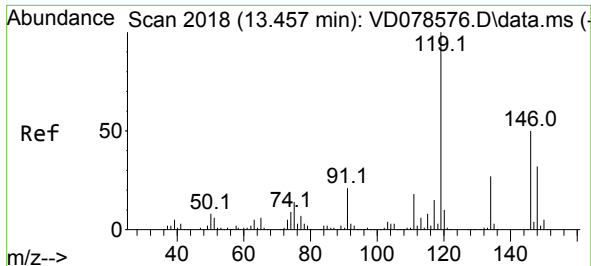
Tgt Ion:105 Resp: 144966
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.542 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078575.D
 Acq: 01 Mar 2024 13:10

Tgt Ion:119 Resp: 118976
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.8 10.5 31.5

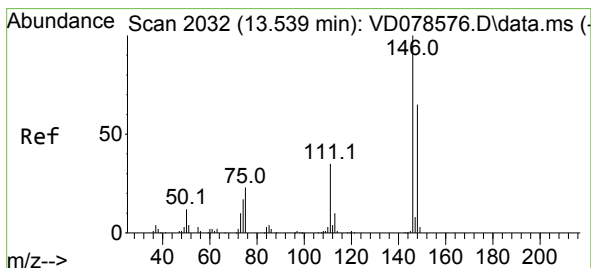
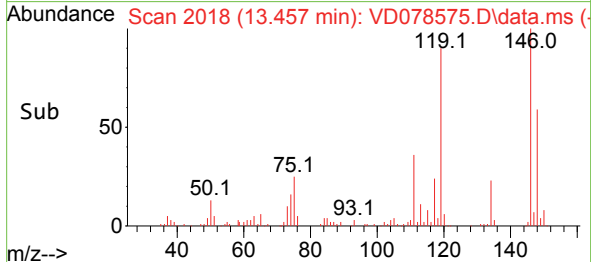
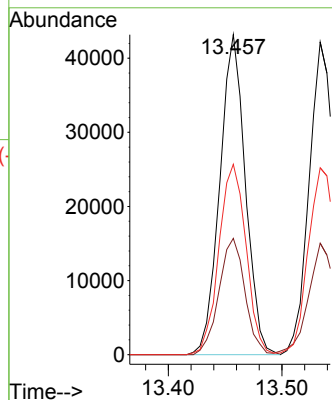
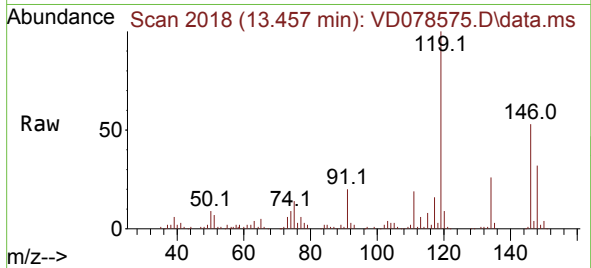




#87
1,3-Dichlorobenzene
Concen: 20.794 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

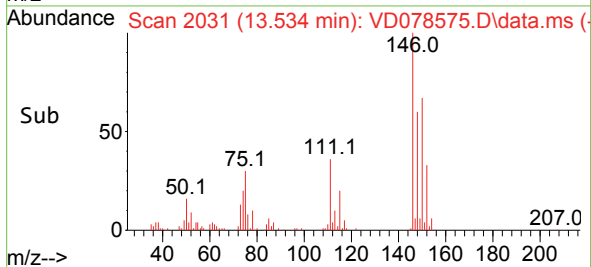
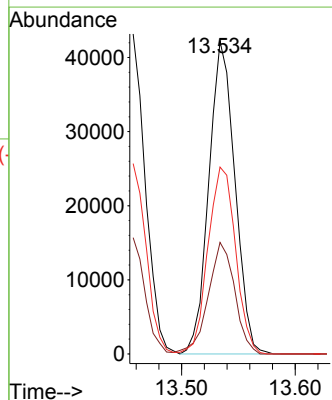
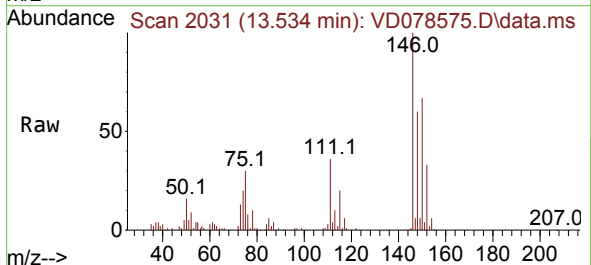
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

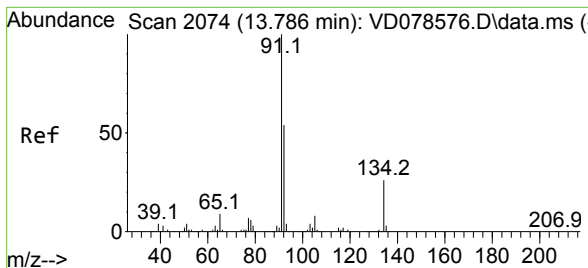
Tgt Ion:146 Resp: 67634
Ion Ratio Lower Upper
146 100
111 36.9 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.660 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:146 Resp: 67325
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 20.581 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

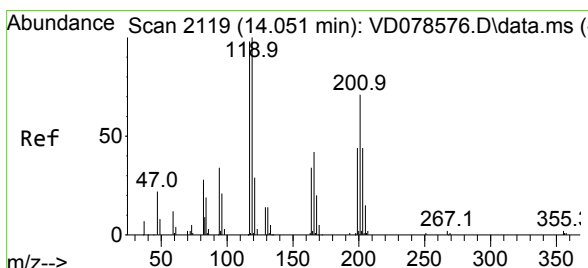
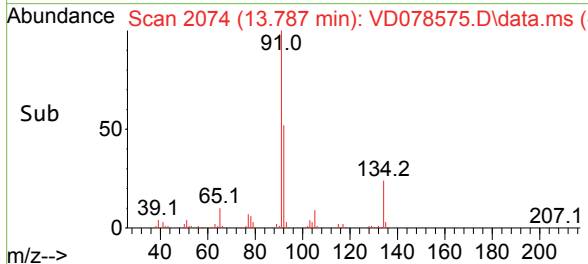
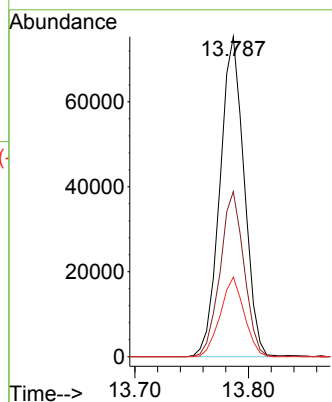
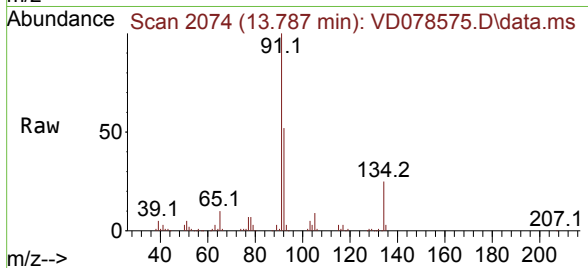
Tgt Ion: 91 Resp: 111396

Ion Ratio Lower Upper

91 100

92 51.1 26.5 79.5

134 24.5 13.8 41.3



#90

Hexachloroethane

Concen: 21.351 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078575.D

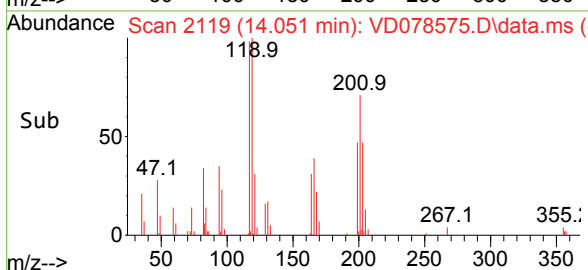
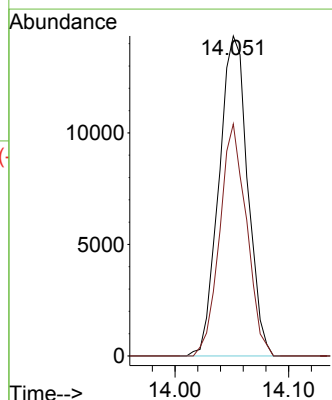
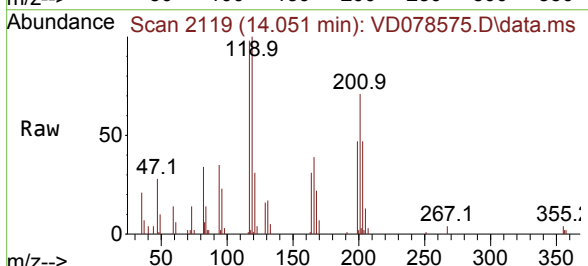
Acq: 01 Mar 2024 13:10

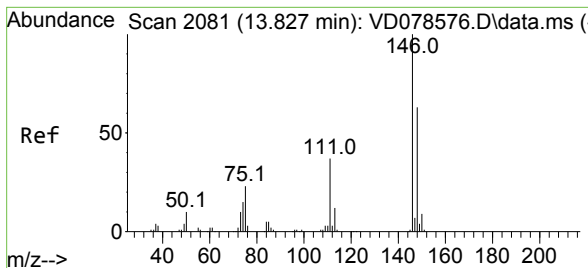
Tgt Ion: 117 Resp: 25144

Ion Ratio Lower Upper

117 100

201 67.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.432 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

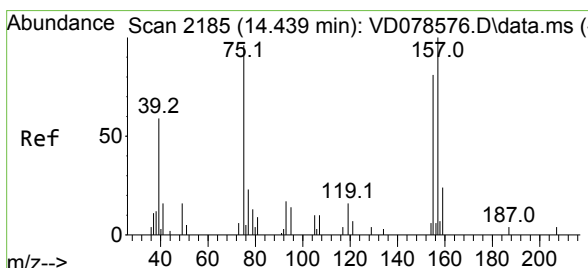
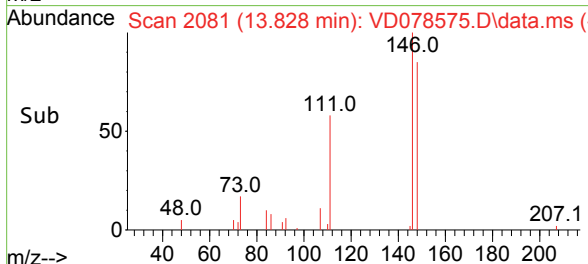
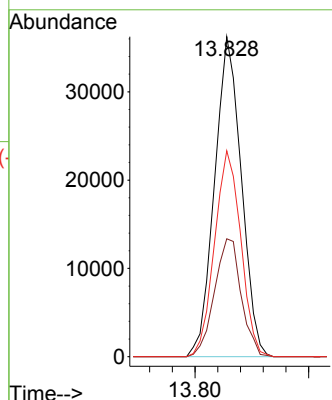
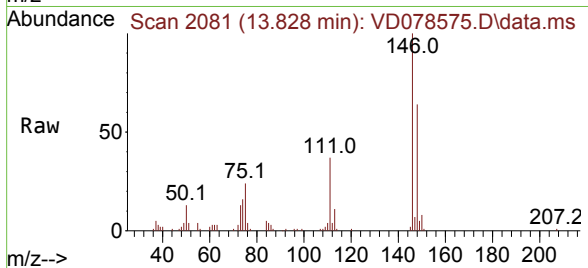
Tgt Ion:146 Resp: 59214

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

148 63.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.596 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

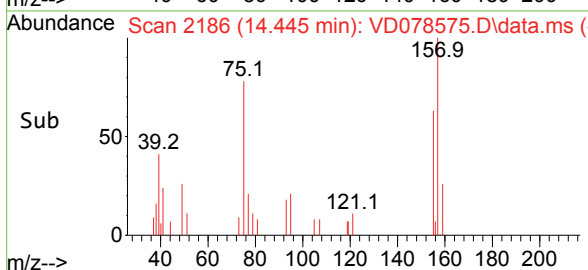
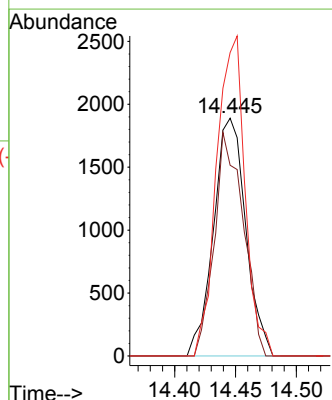
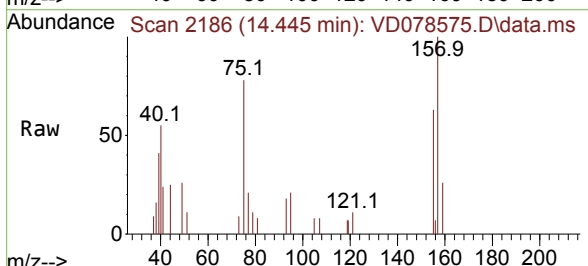
Tgt Ion: 75 Resp: 3471

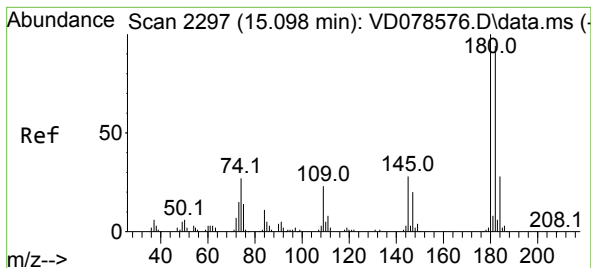
Ion Ratio Lower Upper

75 100

155 84.8 47.9 143.8

157 118.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.260 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

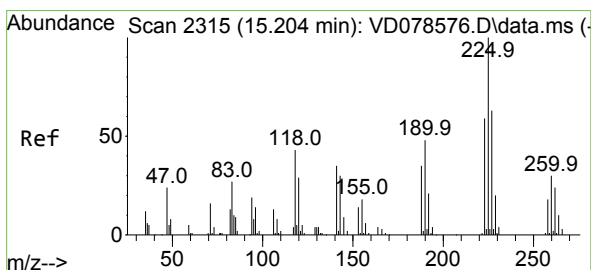
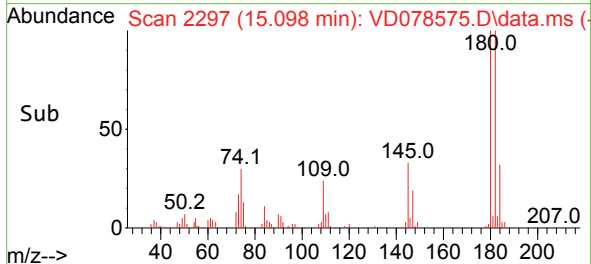
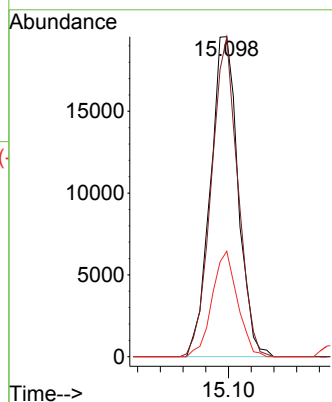
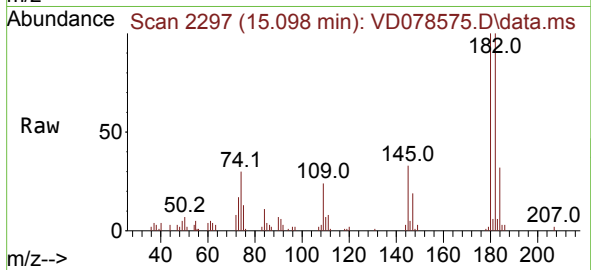
Tgt Ion:180 Resp: 33146

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.737 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.005 min

Lab File: VD078575.D

Acq: 01 Mar 2024 13:10

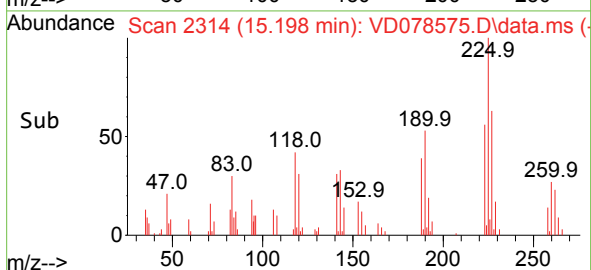
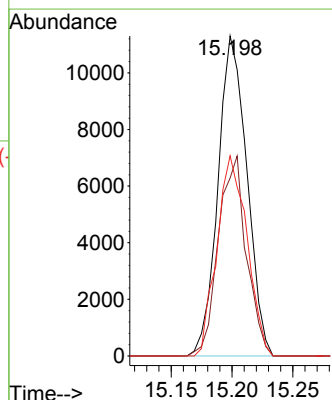
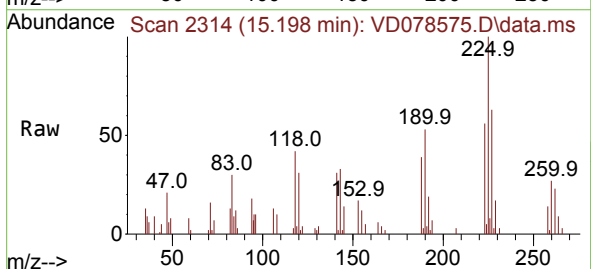
Tgt Ion:225 Resp: 18667

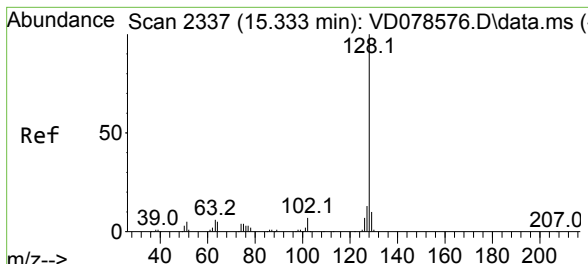
Ion Ratio Lower Upper

225 100

223 60.5 31.6 94.8

227 64.9 31.7 95.1

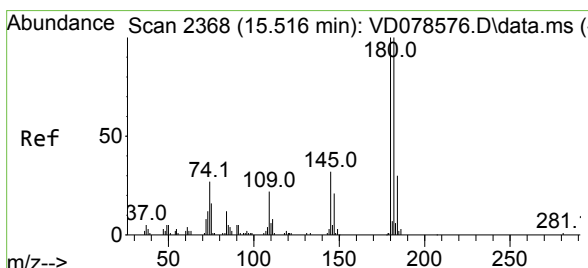
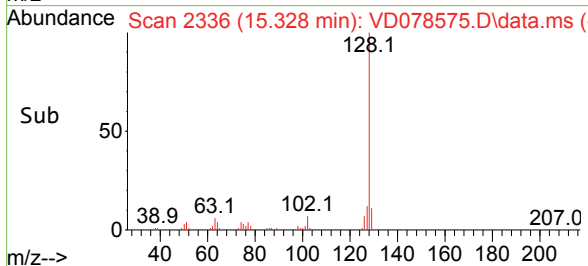
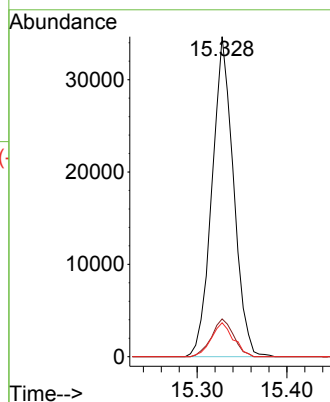
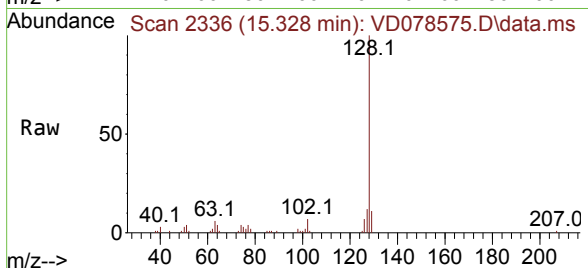




#95
Naphthalene
Concen: 19.938 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 57640
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.279 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078575.D
Acq: 01 Mar 2024 13:10

Tgt Ion:180 Resp: 29464
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 28.9 15.1 45.3

