

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078858.D
 Acq On : 01 May 2024 12:44
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 07:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27211	18.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.040%#
35) Dibromofluoromethane	7.804	113	29796	18.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.940%#
50) Toluene-d8	10.269	98	112491	18.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.340%#
62) 4-Bromofluorobenzene	12.575	95	32392	18.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32120	21.468	ug/l	95
3) Chloromethane	2.146	50	43281	19.464	ug/l	99
4) Vinyl Chloride	2.281	62	64682	20.038	ug/l	91
5) Bromomethane	2.681	94	61706	19.158	ug/l	97
6) Chloroethane	2.834	64	52739	19.833	ug/l	97
7) Trichlorofluoromethane	3.175	101	53552	20.385	ug/l	100
8) Diethyl Ether	3.593	74	13572	18.947	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	30988	19.634	ug/l	96
10) Methyl Iodide	4.163	142	28431	16.382	ug/l	93
11) Tert butyl alcohol	5.052	59	7186	106.787	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	30252	19.332	ug/l	93
13) Acrolein	3.793	56	11788	90.699	ug/l	98
14) Allyl chloride	4.563	41	29949	19.065	ug/l	99
15) Acrylonitrile	5.252	53	27516	96.498	ug/l	95
16) Acetone	4.028	43	19584	89.397	ug/l	97
17) Carbon Disulfide	4.275	76	100880	19.494	ug/l	100
18) Methyl Acetate	4.563	43	10965	20.191	ug/l	99
19) Methyl tert-butyl Ether	5.328	73	55324	18.681	ug/l	96
20) Methylene Chloride	4.805	84	38106	17.459	ug/l #	96
21) trans-1,2-Dichloroethene	5.316	96	32677	18.622	ug/l	90
22) Diisopropyl ether	6.210	45	68097	19.604	ug/l	96
23) Vinyl Acetate	6.152	43	197970	94.537	ug/l	99
24) 1,1-Dichloroethane	6.110	63	52485	18.768	ug/l	97
25) 2-Butanone	7.081	43	28734	93.528	ug/l	100
26) 2,2-Dichloropropane	7.069	77	44224	18.742	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	36539	18.230	ug/l	97
28) Bromochloromethane	7.422	49	19970	18.980	ug/l	99
29) Tetrahydrofuran	7.446	42	16914	94.087	ug/l	94
30) Chloroform	7.599	83	60121	19.265	ug/l	99
31) Cyclohexane	7.881	56	42580	19.523	ug/l #	95
32) 1,1,1-Trichloroethane	7.793	97	50645	19.242	ug/l	97
36) 1,1-Dichloropropene	8.010	75	41042	19.781	ug/l	99
37) Ethyl Acetate	7.169	43	14147	20.615	ug/l #	72
38) Carbon Tetrachloride	7.993	117	47769	20.001	ug/l	89
39) Methylcyclohexane	9.275	83	49370	19.312	ug/l	94
40) Benzene	8.251	78	127413	18.752	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6604	19.487	ug/l	95
42) 1,2-Dichloroethane	8.328	62	31382	19.564	ug/l	99
43) Isopropyl Acetate	8.363	43	23725	18.900	ug/l	98
44) Trichloroethene	9.034	130	33530	19.590	ug/l	73
45) 1,2-Dichloropropane	9.310	63	28342	19.020	ug/l	93
46) Dibromomethane	9.393	93	18739	19.753	ug/l	94
47) Bromodichloromethane	9.587	83	43656	18.585	ug/l	95
48) Methyl methacrylate	9.387	41	11306	19.215	ug/l	95
49) 1,4-Dioxane	9.387	88	3483	402.333	ug/l #	94
51) 4-Methyl-2-Pentanone	10.163	43	64511	95.971	ug/l	99
52) Toluene	10.334	92	79688	18.672	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	36838	18.703	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	43436	18.258	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	23696	19.258	ug/l	96
56) Ethyl methacrylate	10.598	69	23585	18.655	ug/l	98
57) 1,3-Dichloropropane	10.881	76	36746	18.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	58339	105.675	ug/l	99
59) 2-Hexanone	10.922	43	44561	93.626	ug/l	100
60) Dibromochloromethane	11.075	129	32602	19.548	ug/l	93
61) 1,2-Dibromoethane	11.181	107	21159	18.542	ug/l	95
64) Tetrachloroethene	10.810	164	26686	18.950	ug/l	94
65) Chlorobenzene	11.610	112	91852	19.385	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	30627	18.484	ug/l	98
67) Ethyl Benzene	11.687	91	143120	18.466	ug/l	94
68) m/p-Xylenes	11.792	106	119293	38.015	ug/l	99
69) o-Xylene	12.122	106	52001	18.125	ug/l	95
70) Styrene	12.134	104	95410	18.913	ug/l	99
71) Bromoform	12.298	173	16701	18.616	ug/l #	98
73) Isopropylbenzene	12.422	105	137130	18.547	ug/l	98
74) N-amyl acetate	12.228	43	23402	19.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	26751	19.311	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	31307	34.277	ug/l #	100
77) Bromobenzene	12.698	156	34807	18.324	ug/l	98
78) n-propylbenzene	12.763	91	167774	18.724	ug/l	99
79) 2-Chlorotoluene	12.851	91	93567	18.709	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	114100	18.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8834	18.915	ug/l	97
82) 4-Chlorotoluene	12.945	91	100195	18.787	ug/l	98
83) tert-Butylbenzene	13.163	119	98093	18.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	117111	18.635	ug/l	99
85) sec-Butylbenzene	13.345	105	149363	18.612	ug/l	98
86) p-Isopropyltoluene	13.457	119	125739	18.080	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72000	18.099	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	73665	18.706	ug/l	99
89) n-Butylbenzene	13.786	91	113066	18.236	ug/l	98
90) Hexachloroethane	14.051	117	27174	18.264	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	63300	18.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3488	18.495	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	32677	17.277	ug/l	99
94) Hexachlorobutadiene	15.204	225	18701	19.301	ug/l	95
95) Naphthalene	15.328	128	58465	17.157	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	28282	16.879	ug/l	93

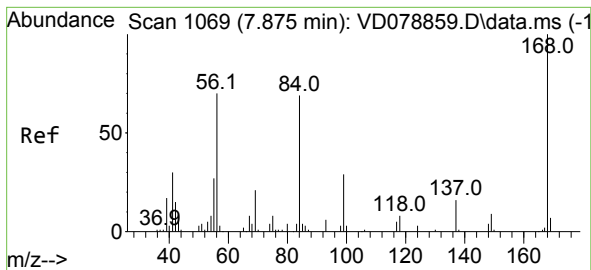
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Quant Title : SW846 8260
QLast Update : Thu May 02 07:30:30 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

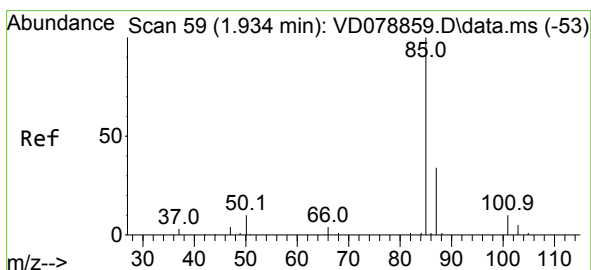
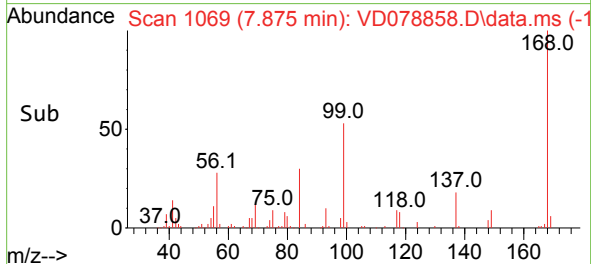
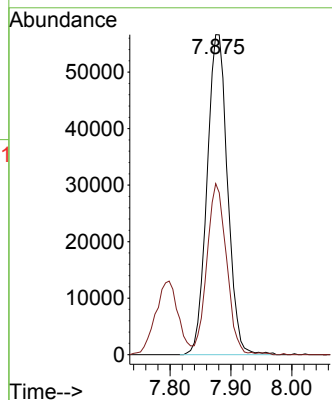
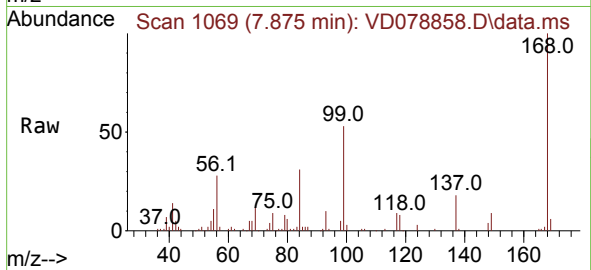
ClientSampleId :

Tgt Ion:168 Resp: 132353

Ion Ratio Lower Upper

168 100

99 53.5 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 21.468 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078858.D

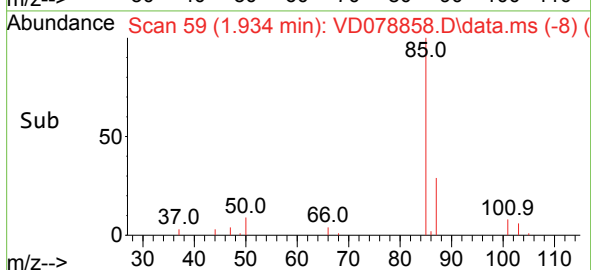
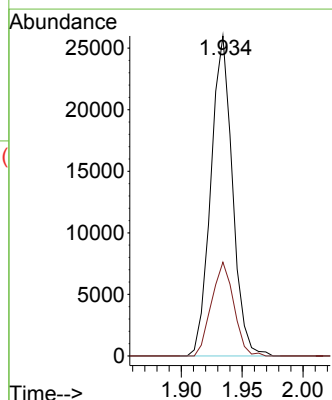
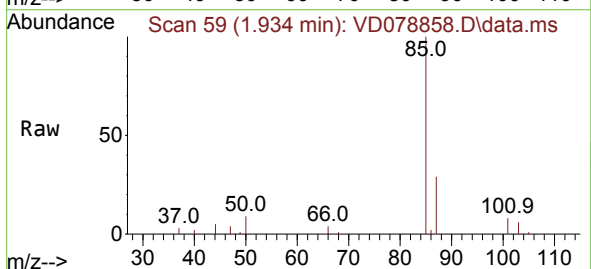
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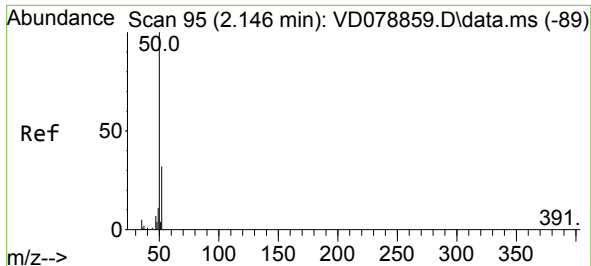
Tgt Ion: 85 Resp: 32120

Ion Ratio Lower Upper

85 100

87 29.3 16.2 48.5

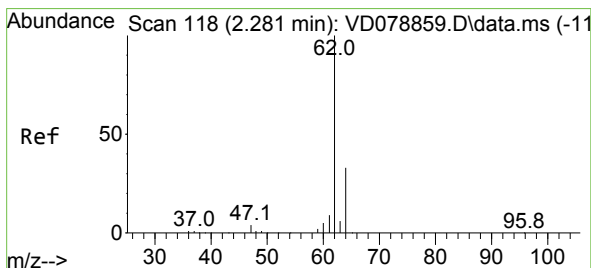
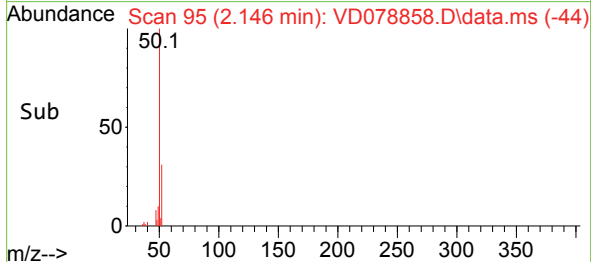
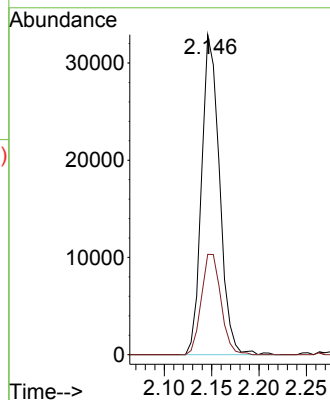
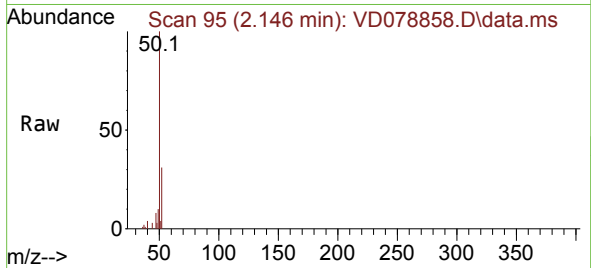




#3
Chloromethane
Concen: 19.464 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

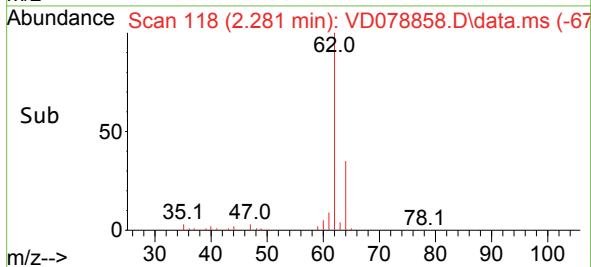
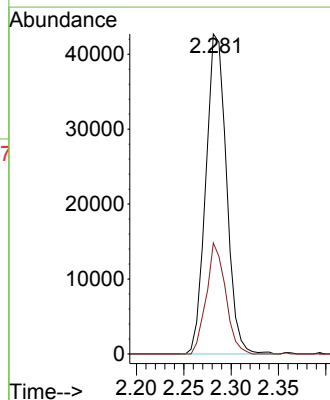
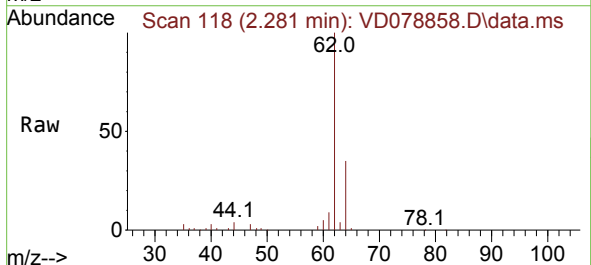
Instrument :
MSVOA_D
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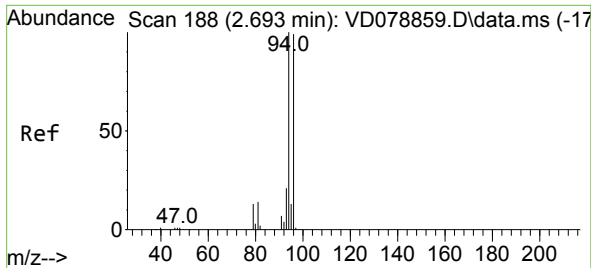
Tgt Ion: 50 Resp: 43281
Ion Ratio Lower Upper
50 100
52 31.3 25.6 38.4



#4
Vinyl Chloride
Concen: 20.038 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 62 Resp: 64682
Ion Ratio Lower Upper
62 100
64 34.7 23.7 35.5

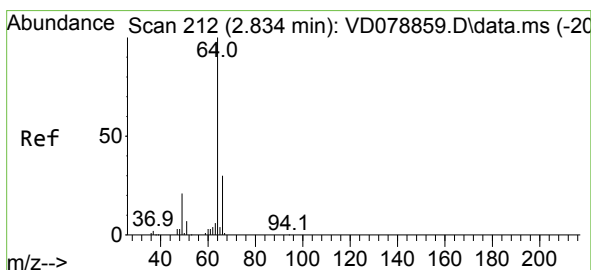
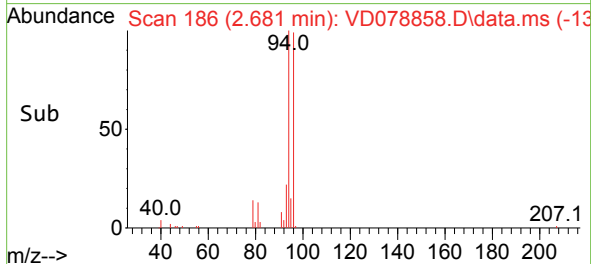
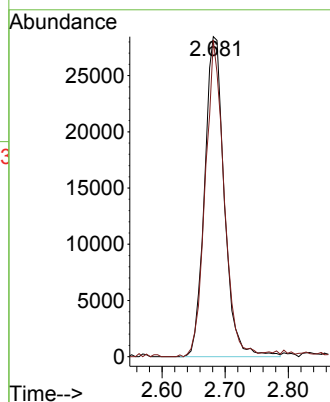
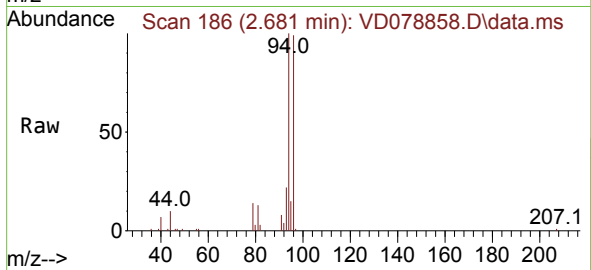




#5
Bromomethane
Concen: 19.158 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

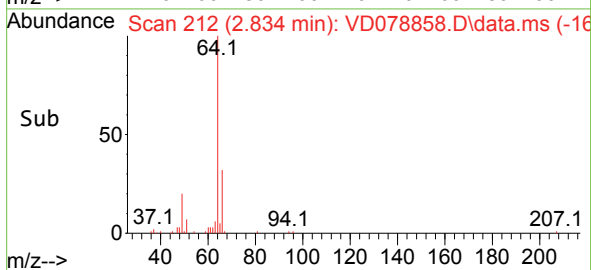
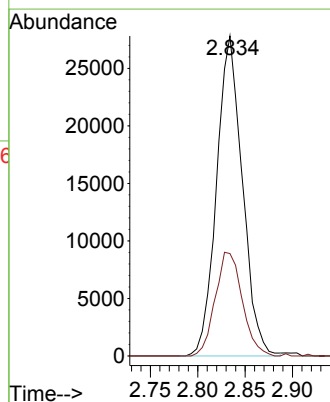
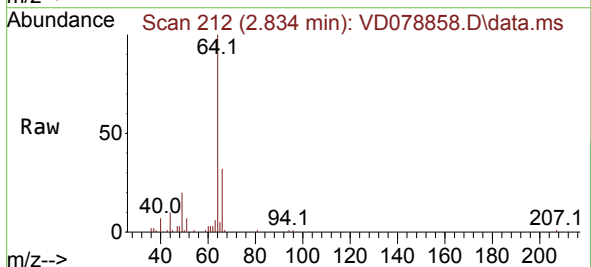
Instrument :
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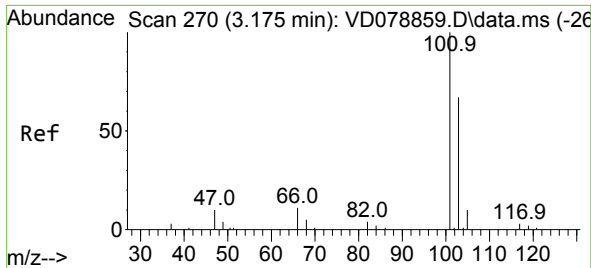
Tgt Ion: 94 Resp: 61706
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 19.833 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 64 Resp: 52739
Ion Ratio Lower Upper
64 100
66 32.0 26.8 40.2

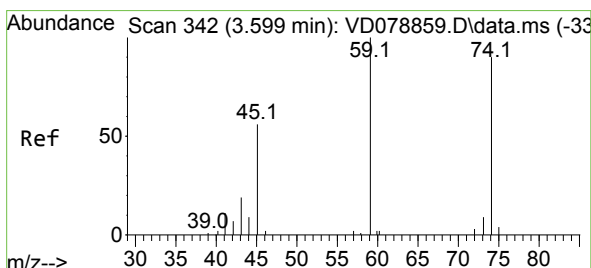
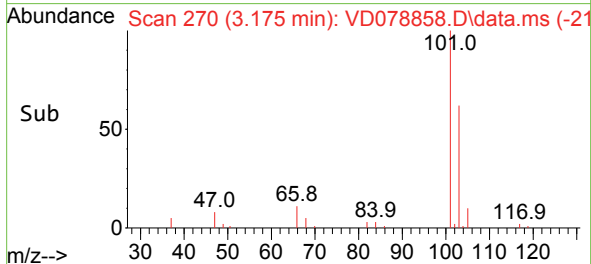
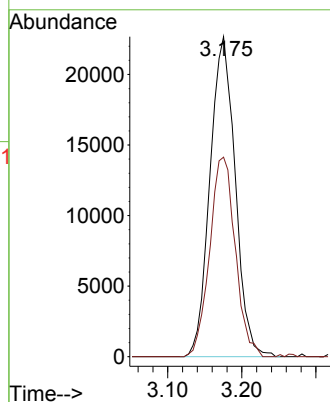
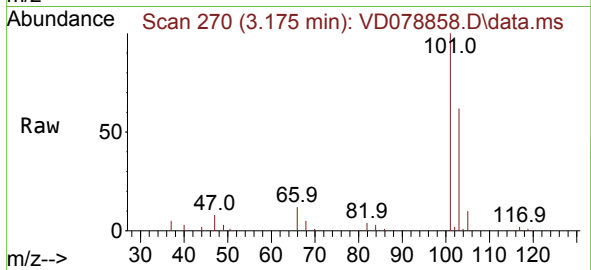




#7
Trichlorofluoromethane
Concen: 20.385 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078858.D
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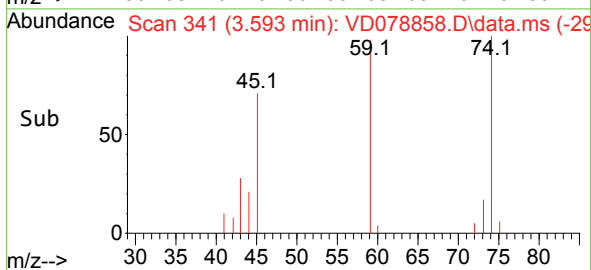
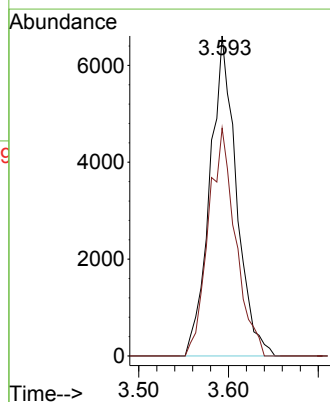
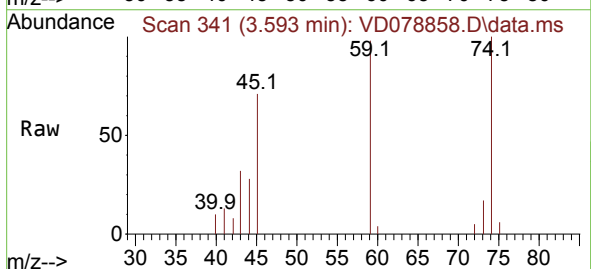
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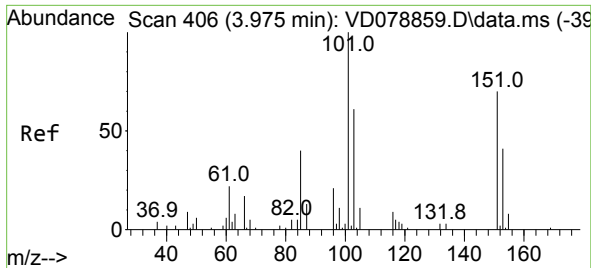
Tgt Ion:101 Resp: 53552
Ion Ratio Lower Upper
101 100
103 62.4 49.7 74.5



#8
Diethyl Ether
Concen: 18.947 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 74 Resp: 13572
Ion Ratio Lower Upper
74 100
45 72.7 42.4 127.3

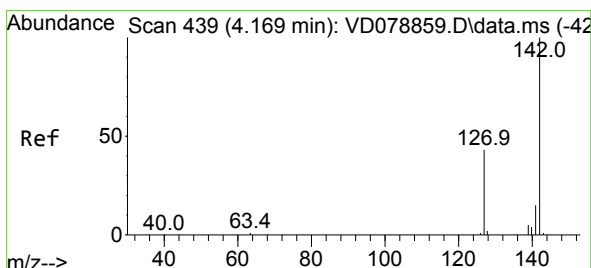
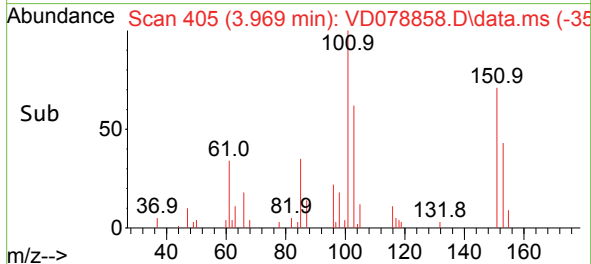
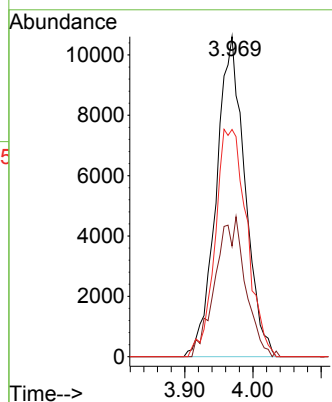
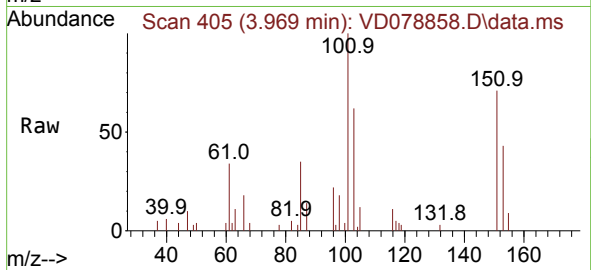




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.634 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078858.D
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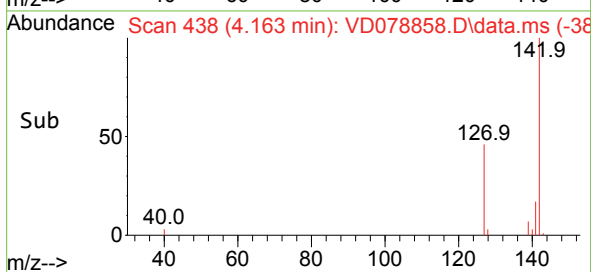
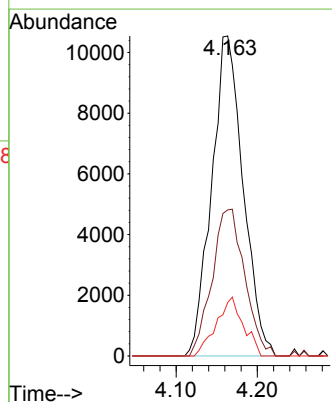
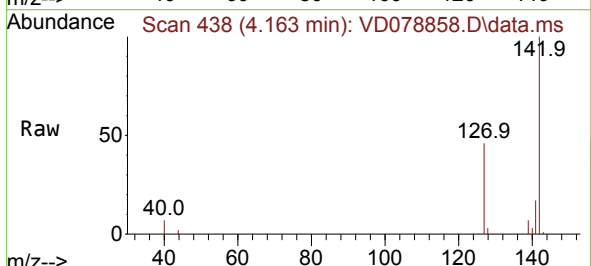
Instrument :
MSVOA_D
ClientSampleId :

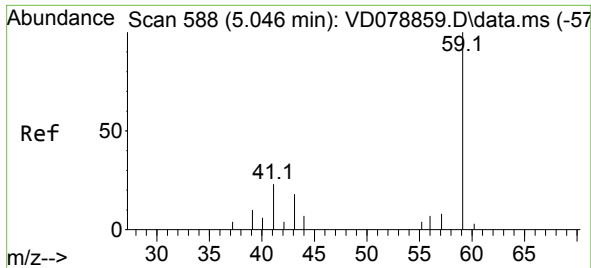
Tgt Ion:101 Resp: 30988
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 78.5 59.4 89.2



#10
Methyl Iodide
Concen: 16.382 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

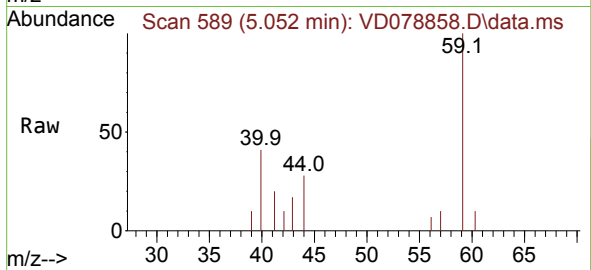
Tgt Ion:142 Resp: 28431
Ion Ratio Lower Upper
142 100
127 47.6 33.5 50.3
141 15.8 11.7 17.5



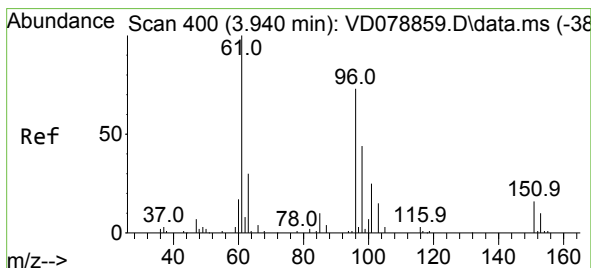
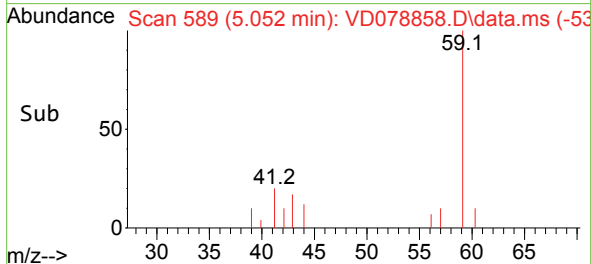
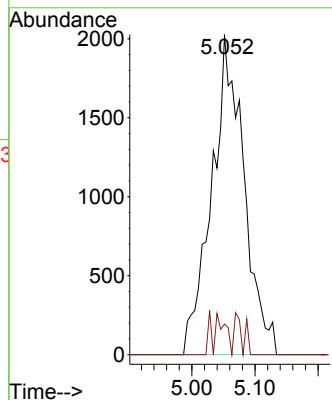


#11
Tert butyl alcohol
Concen: 106.787 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

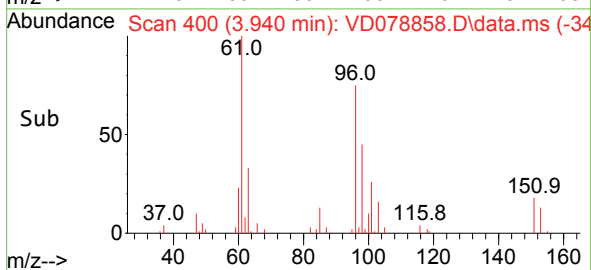
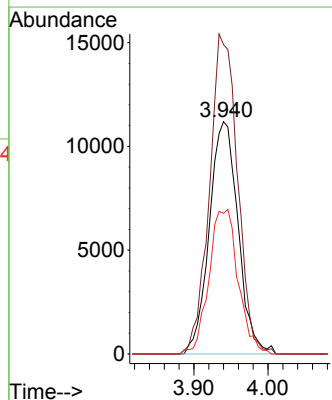
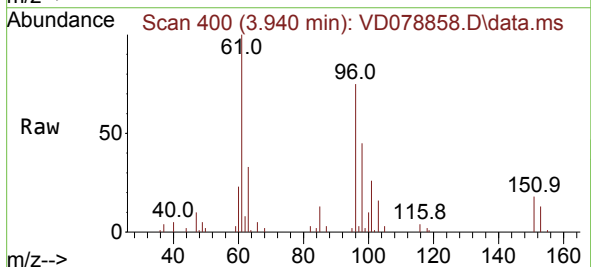


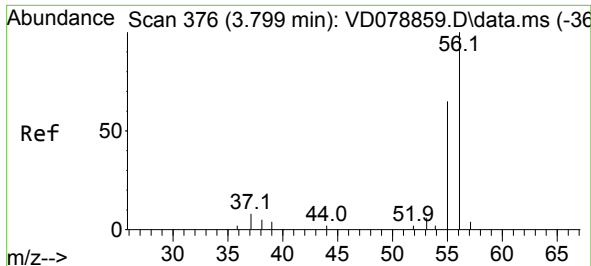
Tgt Ion: 59 Resp: 7186
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.332 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 96 Resp: 30252
Ion Ratio Lower Upper
96 100
61 133.1 101.4 152.0
98 60.5 43.4 65.0





#13

Acrolein

Concen: 90.699 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

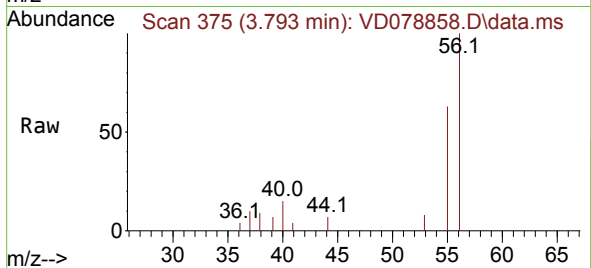
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

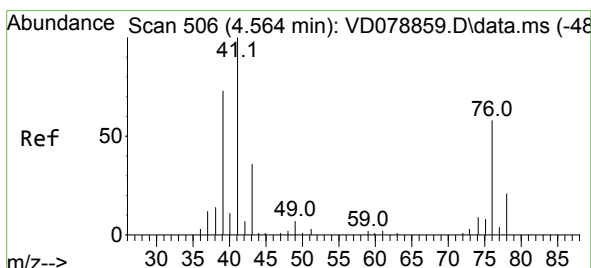
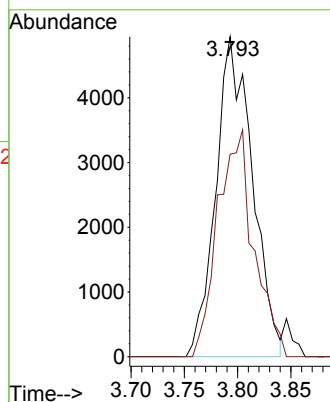
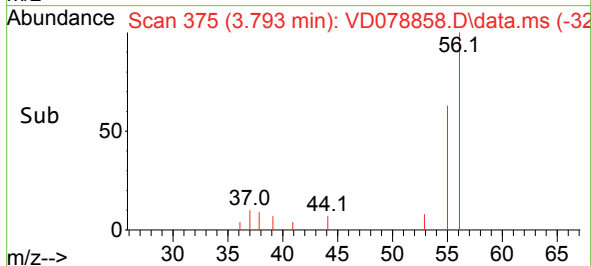


Tgt Ion: 56 Resp: 11788

Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3



#14

Allyl chloride

Concen: 19.065 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

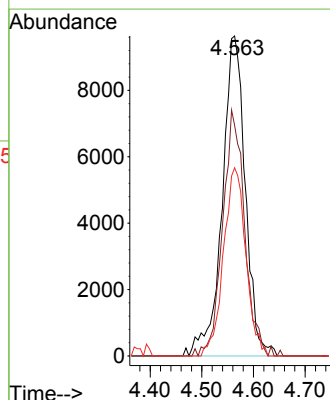
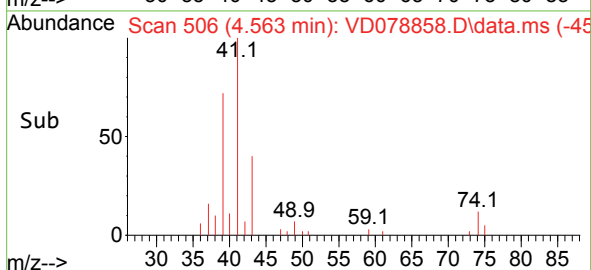
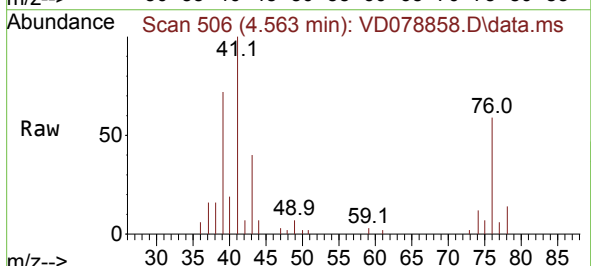
Tgt Ion: 41 Resp: 29949

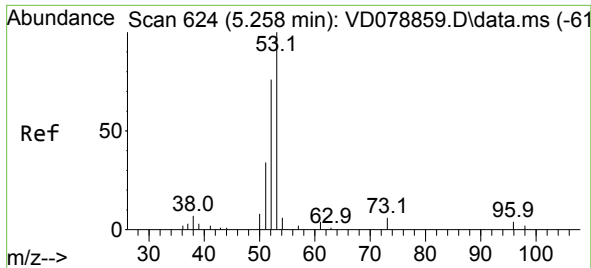
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.6

76 56.8 44.8 67.2

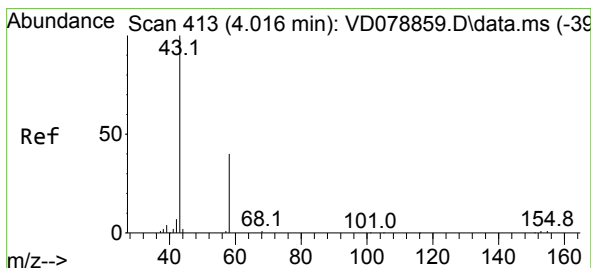
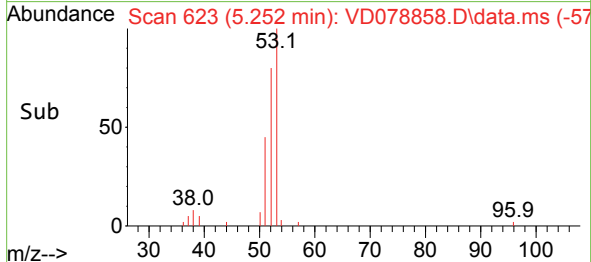
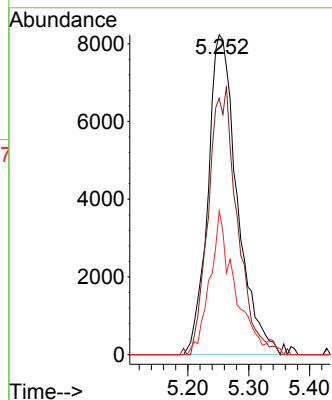
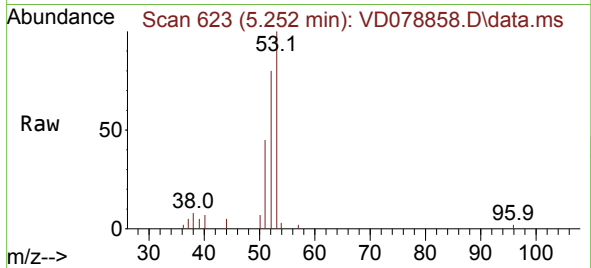




#15
Acrylonitrile
Concen: 96.498 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

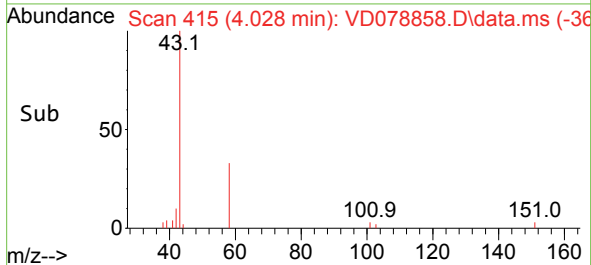
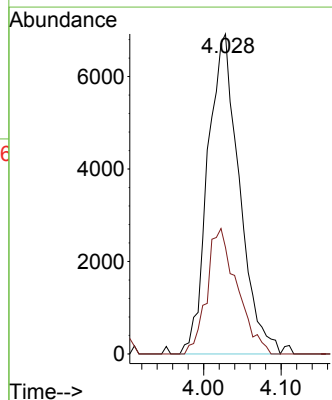
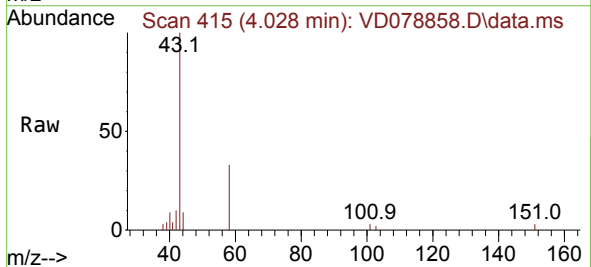
Instrument :
MSVOA_D
ClientSampleId :

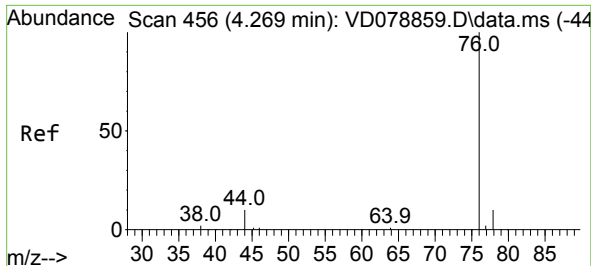
Tgt Ion: 53	Resp: 27516
Ion Ratio	Lower Upper
53 100	
52 82.1	61.9 92.9
51 37.9	29.0 43.4



#16
Acetone
Concen: 89.397 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43	Resp: 19584
Ion Ratio	Lower Upper
43 100	
58 33.3	28.2 42.4

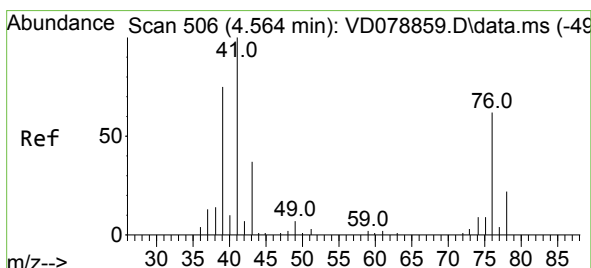
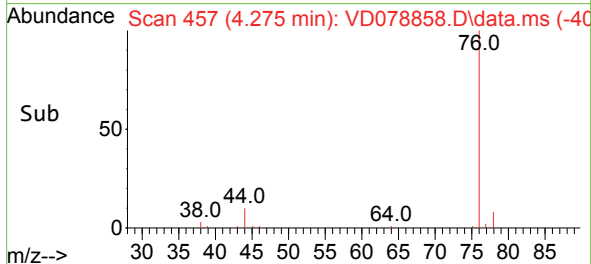
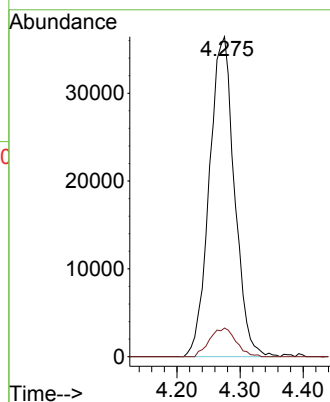
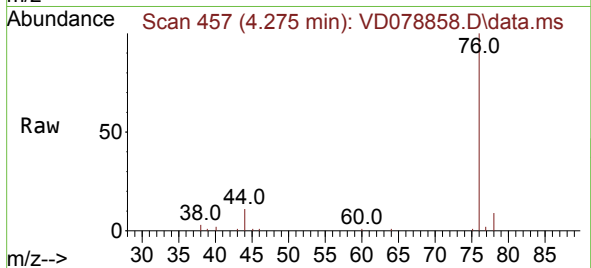




#17
Carbon Disulfide
Concen: 19.494 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

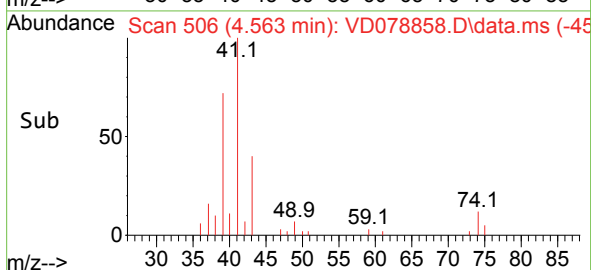
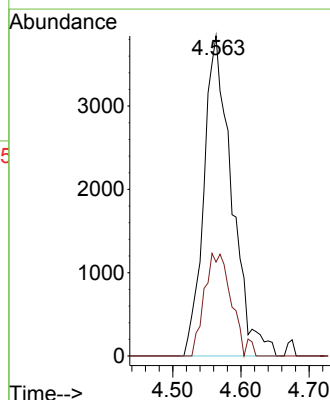
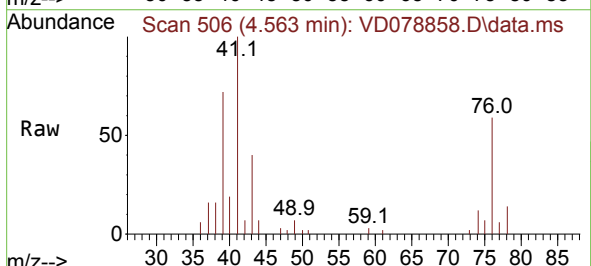
Instrument :
MSVOA_D
ClientSampleId :

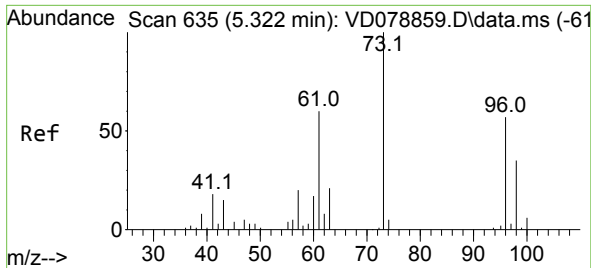
Tgt Ion: 76 Resp: 100880
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 20.191 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43 Resp: 10965
Ion Ratio Lower Upper
43 100
74 31.1 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 18.681 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

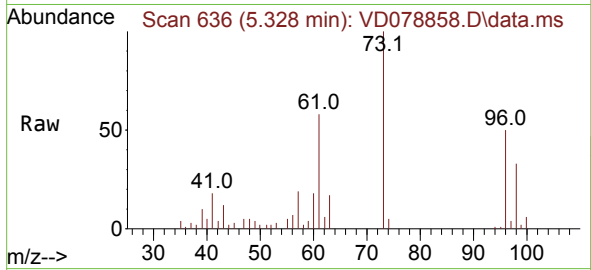
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

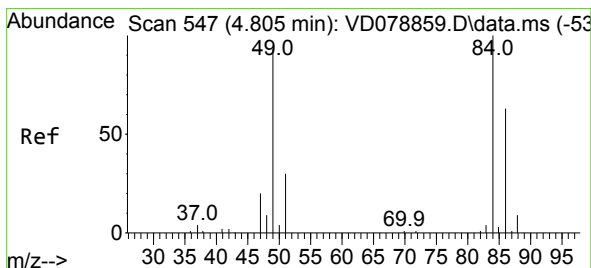
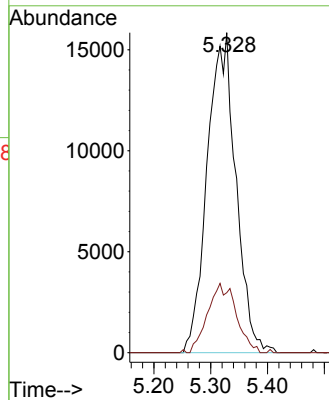
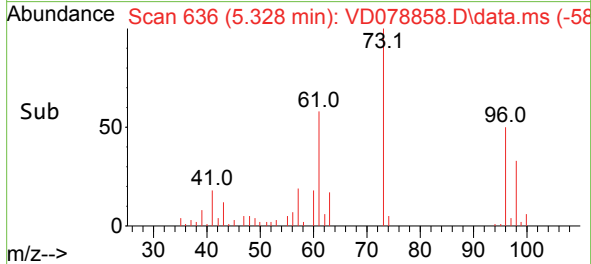


Tgt Ion: 73 Resp: 55324

Ion Ratio Lower Upper

73 100

57 18.8 16.4 24.6



#20

Methylene Chloride

Concen: 17.459 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion: 84 Resp: 38106

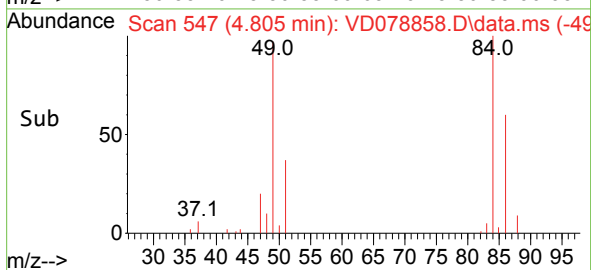
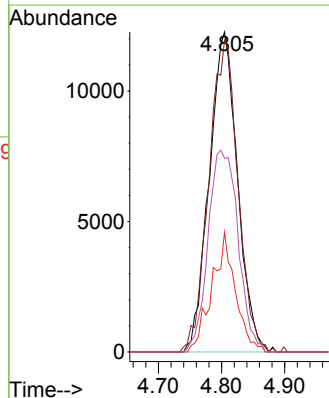
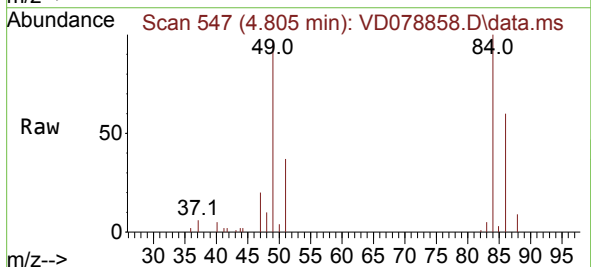
Ion Ratio Lower Upper

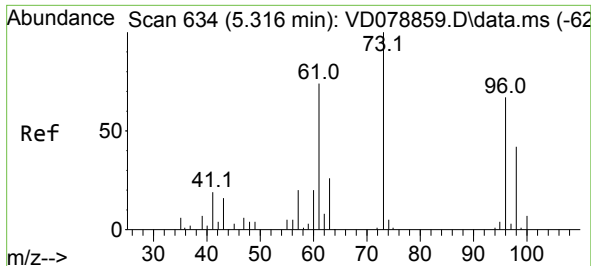
84 100

49 97.5 75.6 113.4

51 37.4 23.4 35.0#

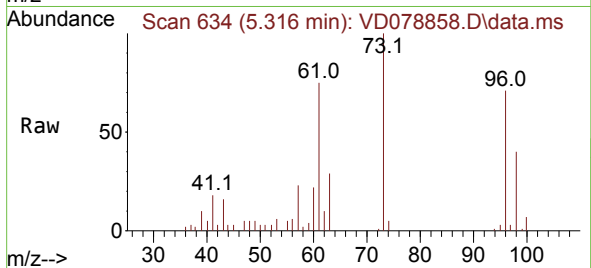
86 60.5 47.8 71.6



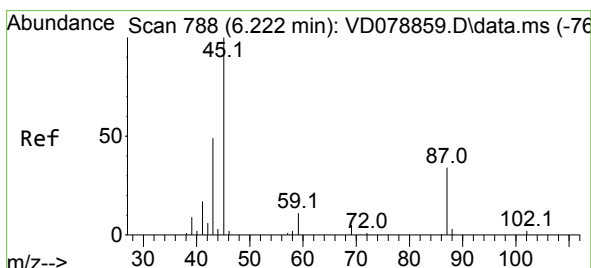
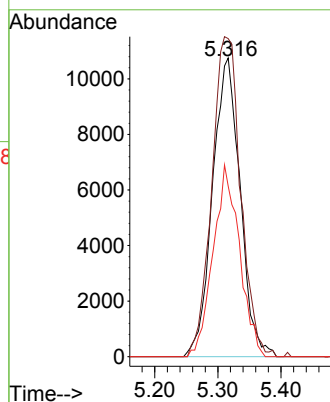
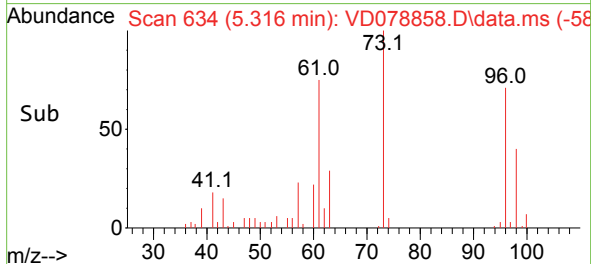


#21
trans-1,2-Dichloroethene
Concen: 18.622 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

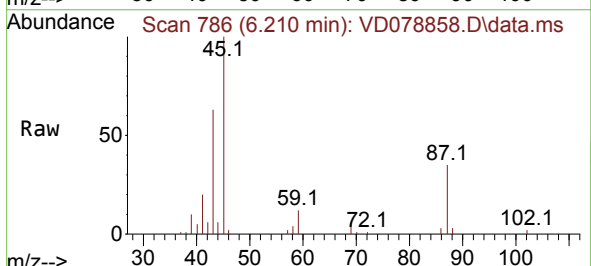
Instrument :
MSVOA_D
ClientSampleId :



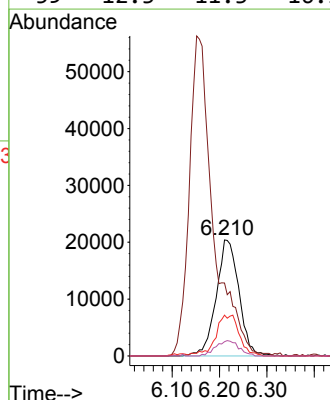
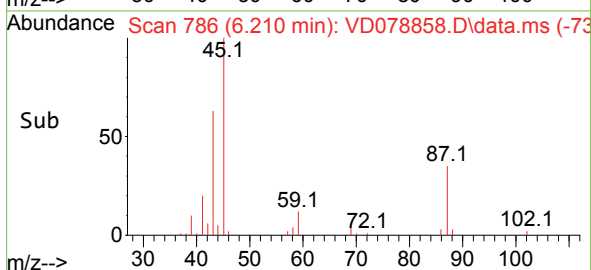
Tgt Ion: 96 Resp: 32677
Ion Ratio Lower Upper
96 100
61 106.5 96.1 144.1
98 57.1 48.9 73.3

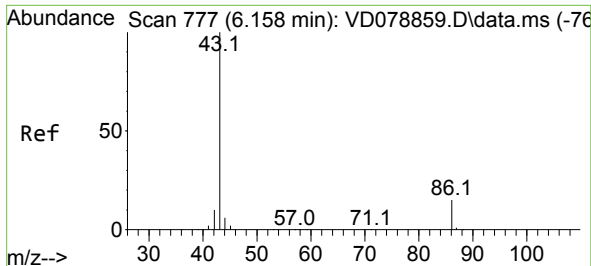


#22
Diisopropyl ether
Concen: 19.604 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



Tgt Ion: 45 Resp: 68097
Ion Ratio Lower Upper
45 100
43 60.2 44.3 66.5
87 35.2 28.3 42.5
59 12.3 11.3 16.9

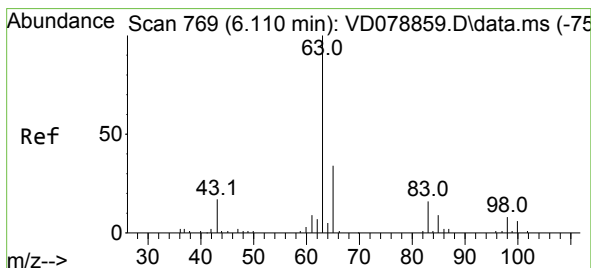
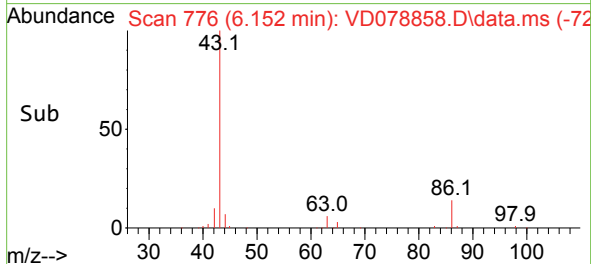
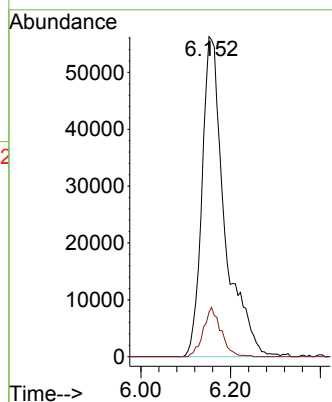
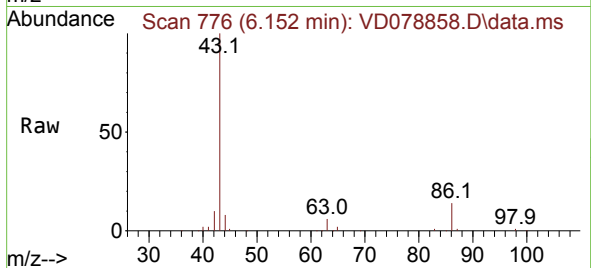




#23
 Vinyl Acetate
 Concen: 94.537 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

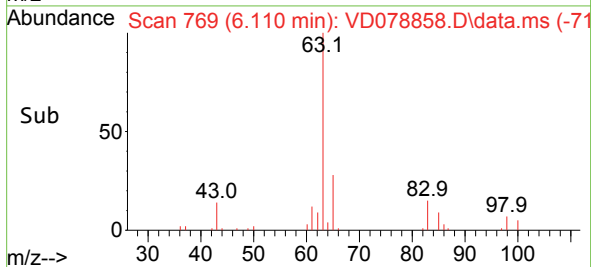
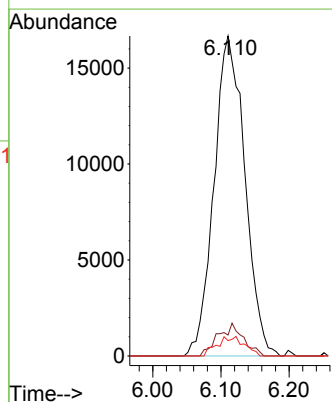
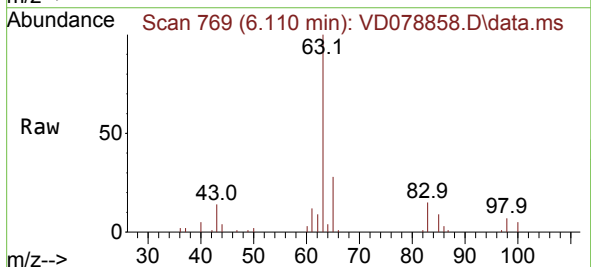
Instrument :
 MSVOA_D
 ClientSampleId :

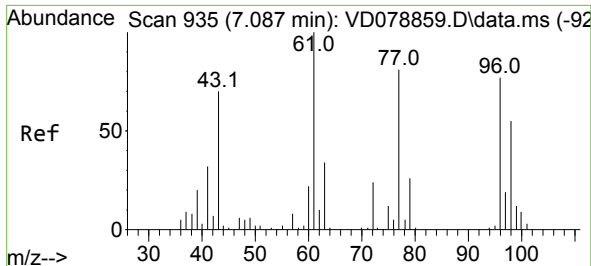
Tgt Ion: 43 Resp: 197970
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 18.768 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Tgt Ion: 63 Resp: 52485
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 11.9
 100 4.8 2.7 8.1





#25

2-Butanone

Concen: 93.528 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

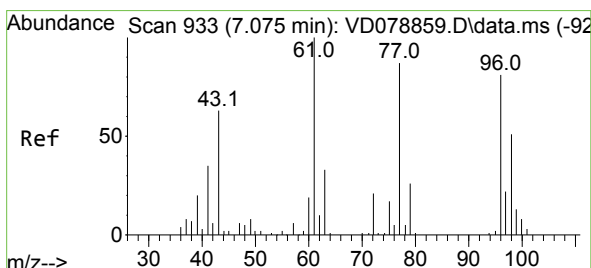
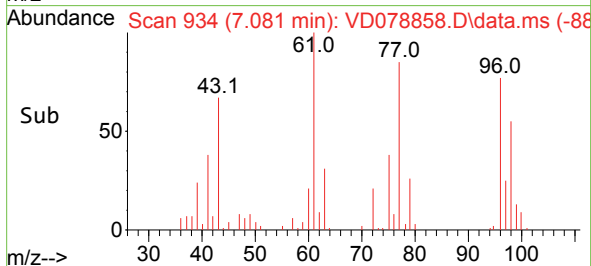
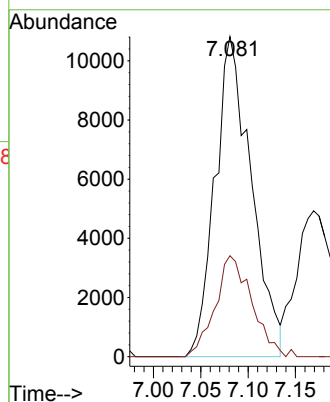
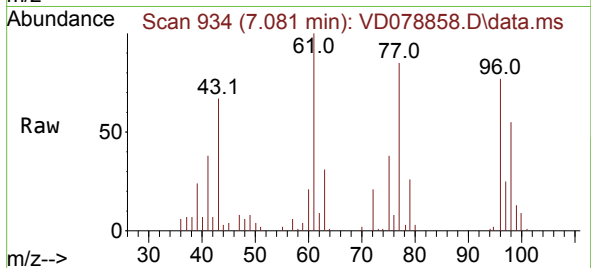
ClientSampleId :

Tgt Ion: 43 Resp: 28734

Ion Ratio Lower Upper

43 100

72 31.6 25.0 37.6



#26

2,2-Dichloropropane

Concen: 18.742 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD078858.D

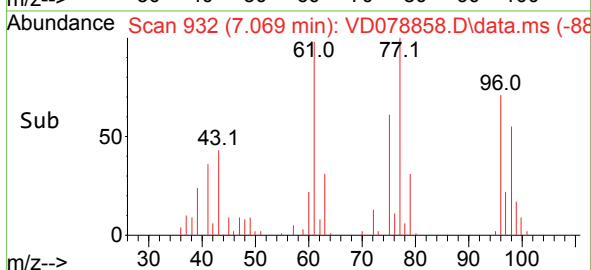
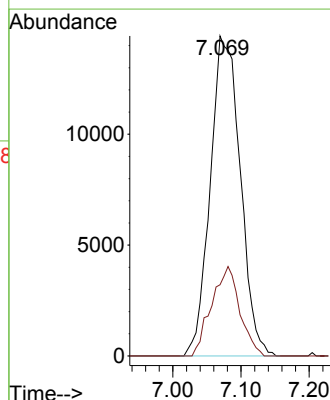
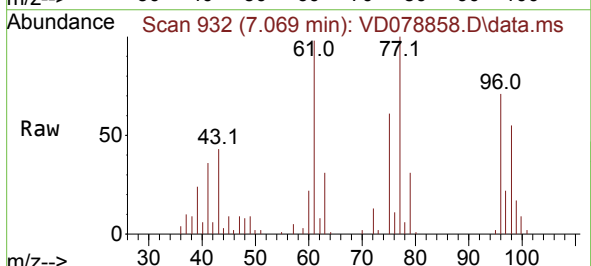
Acq: 01 May 2024 12:44

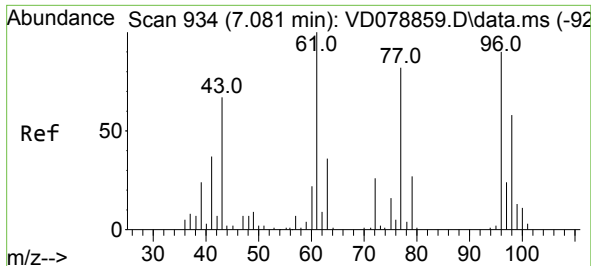
Tgt Ion: 77 Resp: 44224

Ion Ratio Lower Upper

77 100

97 26.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.230 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

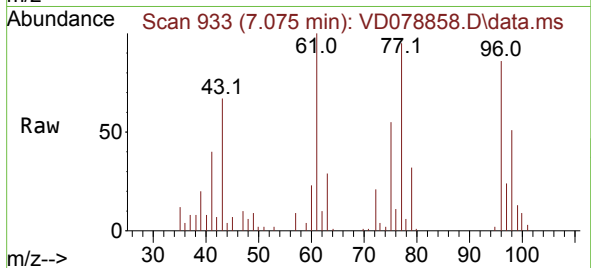
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :



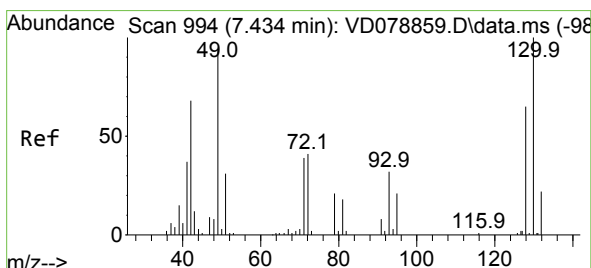
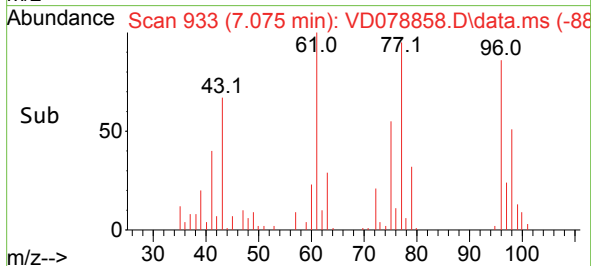
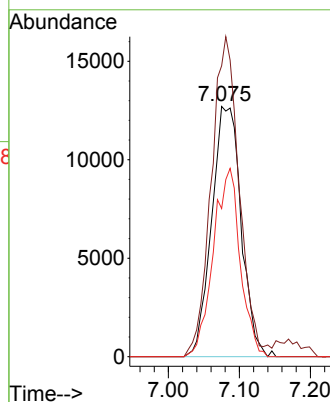
Tgt Ion: 96 Resp: 36539

Ion Ratio Lower Upper

96 100

61 121.0 0.0 245.0

98 68.8 0.0 126.6



#28

Bromochloromethane

Concen: 18.980 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

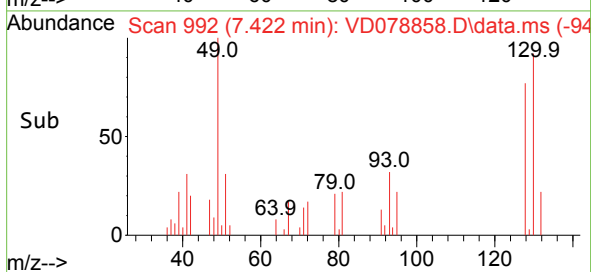
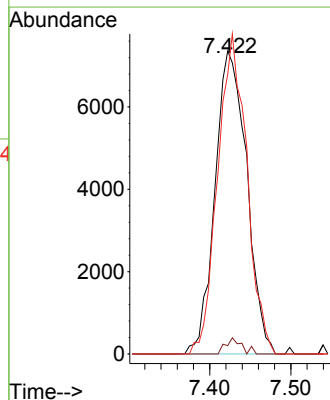
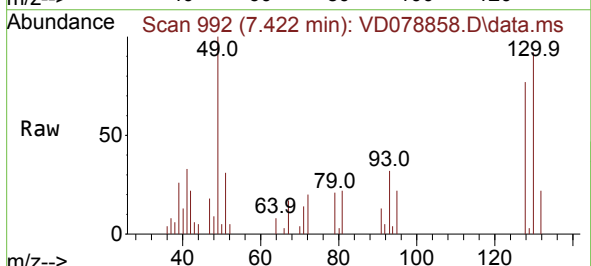
Tgt Ion: 49 Resp: 19970

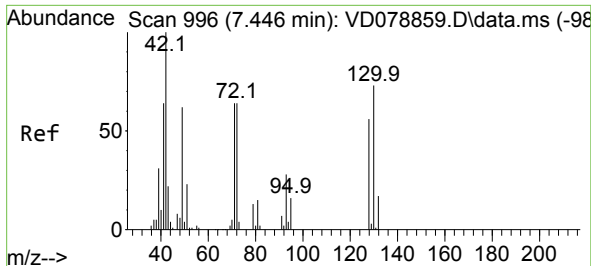
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.2

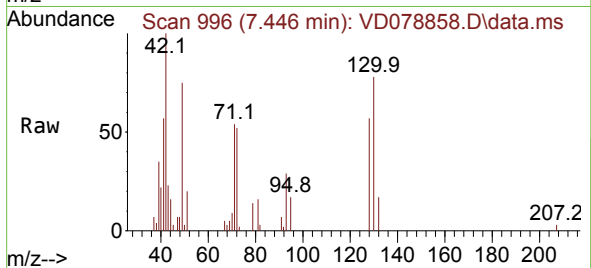
130 97.1 77.1 115.7



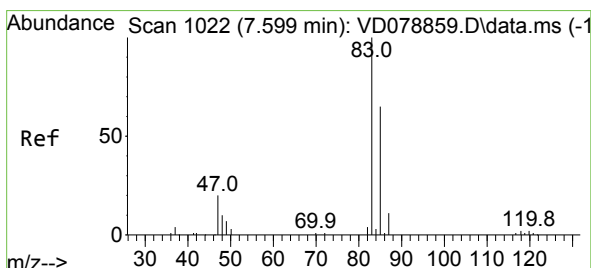
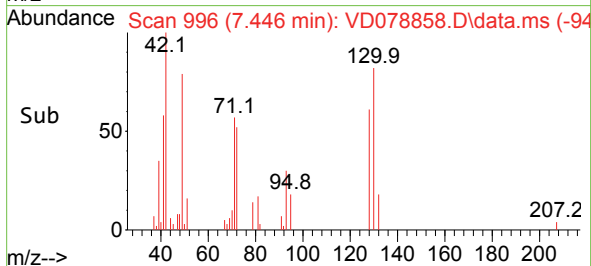
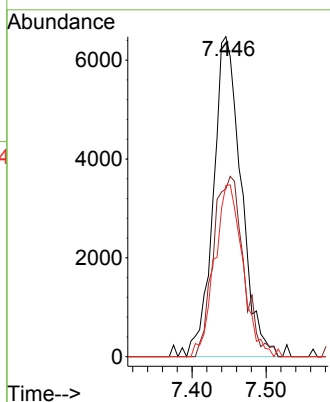


#29
Tetrahydrofuran
Concen: 94.087 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

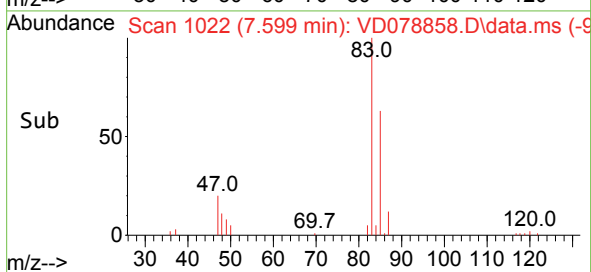
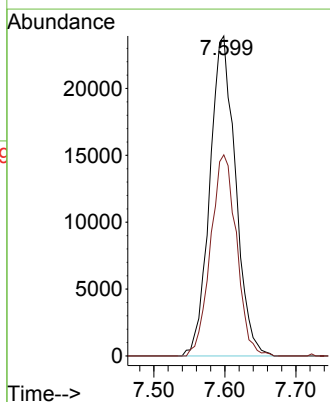
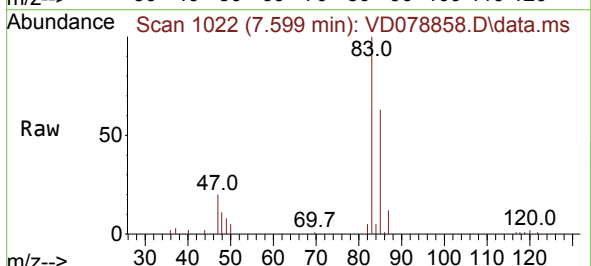


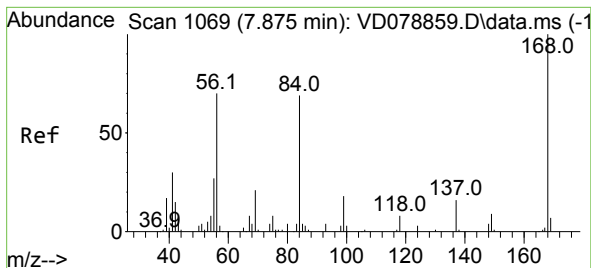
Tgt Ion:	42	Resp:	16914
Ion	Ratio	Lower	Upper
42	100		
72	61.1	43.8	65.6
71	54.7	42.0	63.0



#30
Chloroform
Concen: 19.265 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:	83	Resp:	60121
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8





#31

Cyclohexane

Concen: 19.523 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

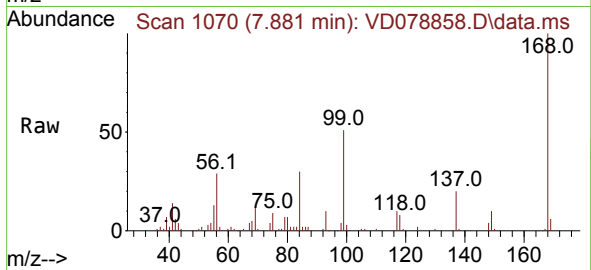
Lab File: VD078858.D

Acq: 01 May 2024 12:44

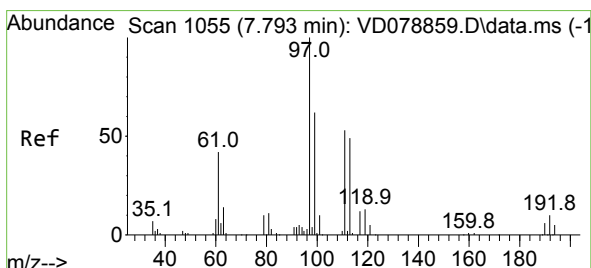
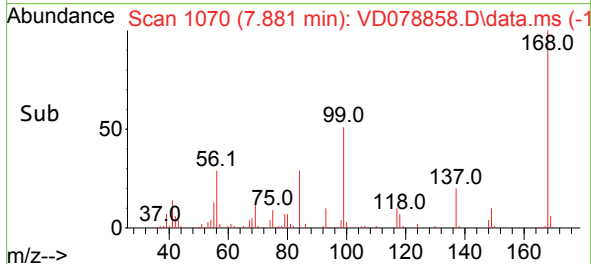
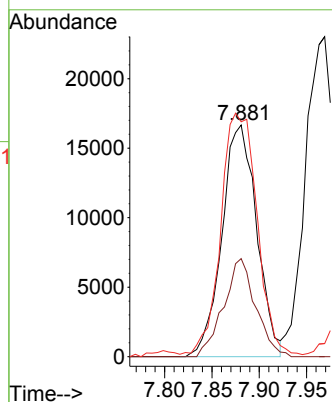
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	42580
Ion Ratio	Lower	Upper	
56	100		
69	42.3	26.6	40.0#
84	100.3	79.4	119.2



#32

1,1,1-Trichloroethane

Concen: 19.242 ug/l

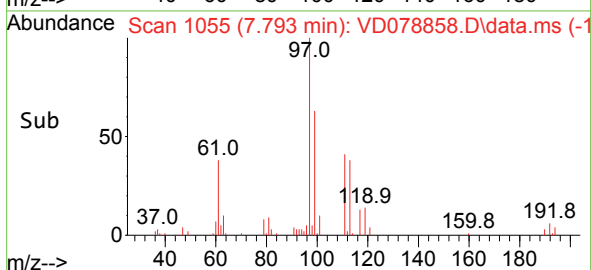
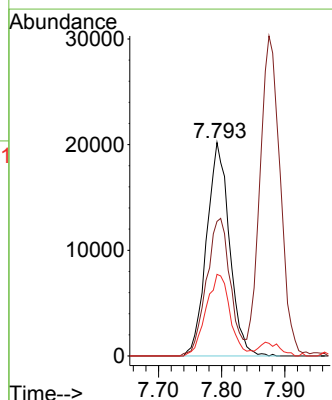
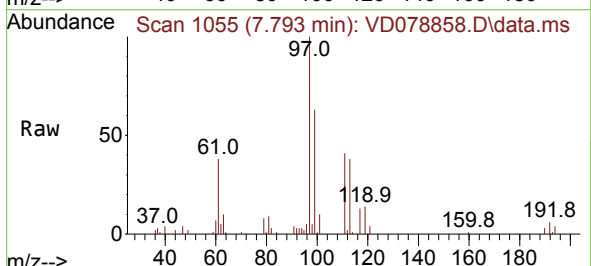
RT: 7.793 min Scan# 1055

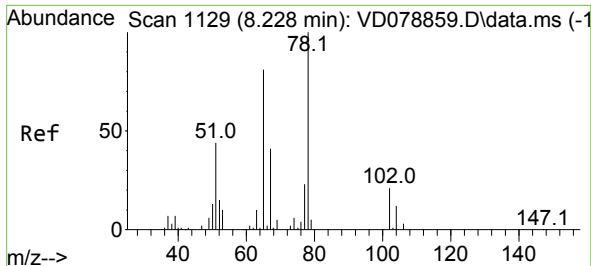
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	97	Resp:	50645
Ion Ratio	Lower	Upper	
97	100		
99	66.7	50.8	76.2
61	40.7	33.0	49.6

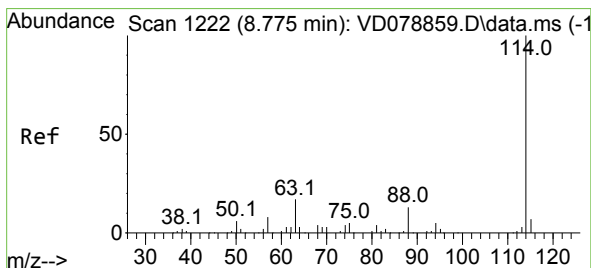
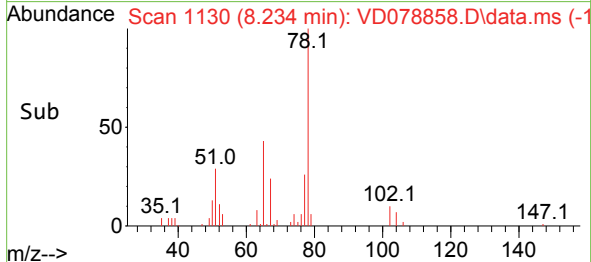
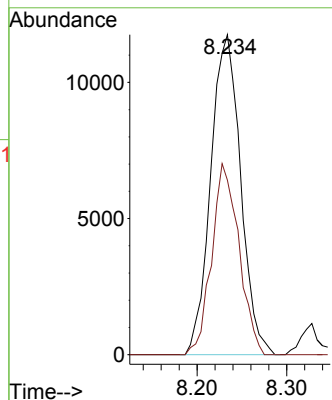
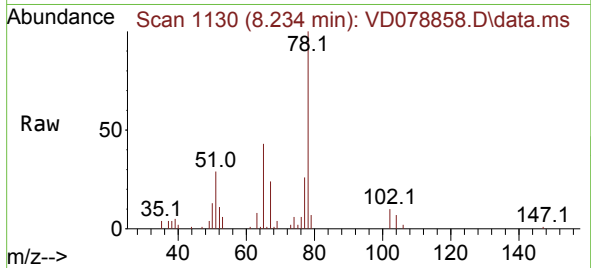




#33
 1,2-Dichloroethane-d4
 Concen: 18.523 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

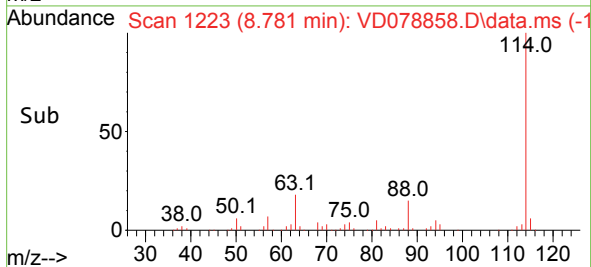
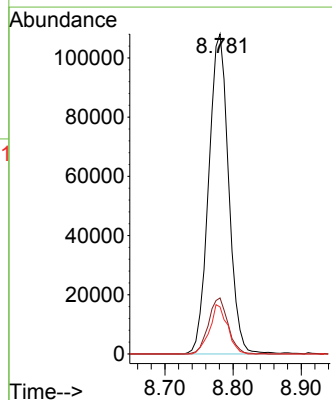
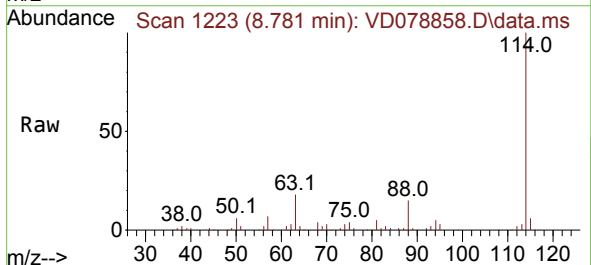
Instrument :
 MSVOA_D
 ClientSampleId :

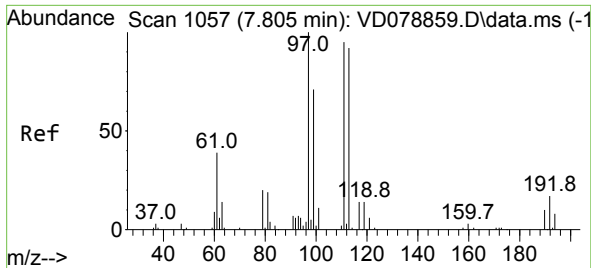
Tgt Ion: 65 Resp: 27211
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

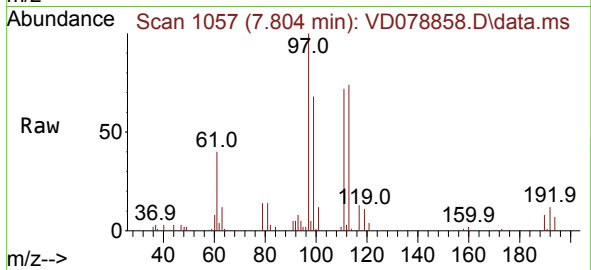
Tgt Ion: 114 Resp: 219692
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.4
 88 14.7 0.0 24.6



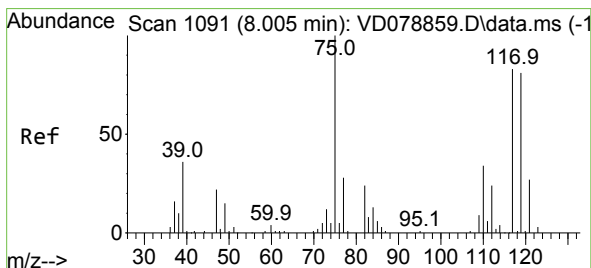
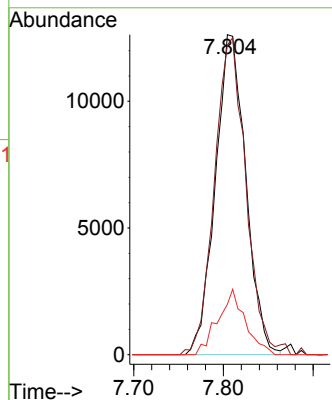
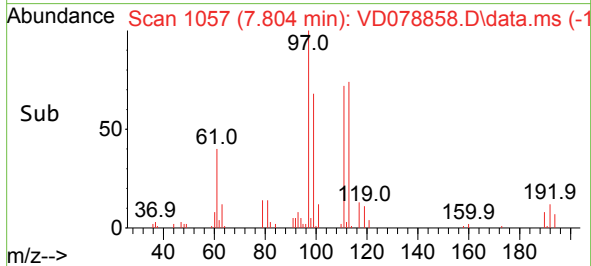


#35
Dibromofluoromethane
Concen: 18.472 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

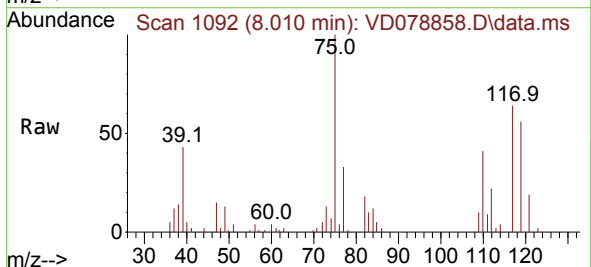
Instrument :
MSVOA_D
ClientSampleId :



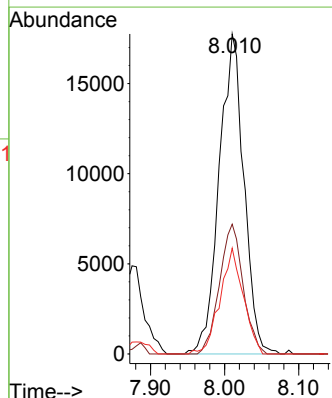
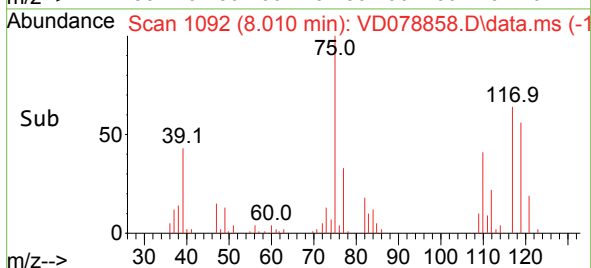
Tgt Ion:113 Resp: 29796
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.3 15.4 23.0

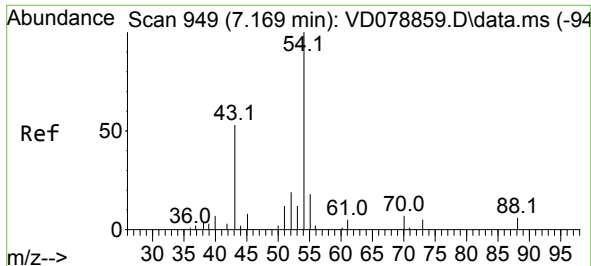


#36
1,1-Dichloropropene
Concen: 19.781 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



Tgt Ion: 75 Resp: 41042
Ion Ratio Lower Upper
75 100
110 38.8 19.1 57.1
77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 20.615 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

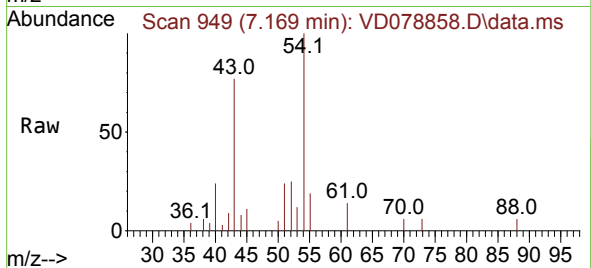
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :



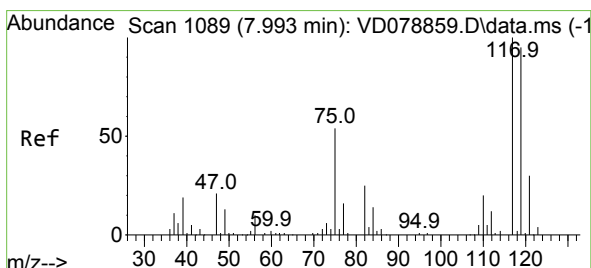
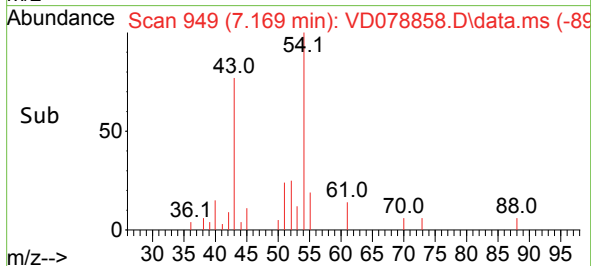
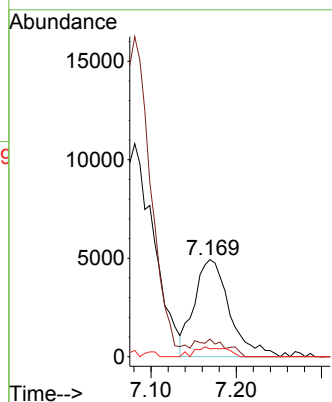
Tgt Ion: 43 Resp: 14147

Ion Ratio Lower Upper

43 100

61 0.0 14.6 21.8#

70 8.9 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 20.001 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

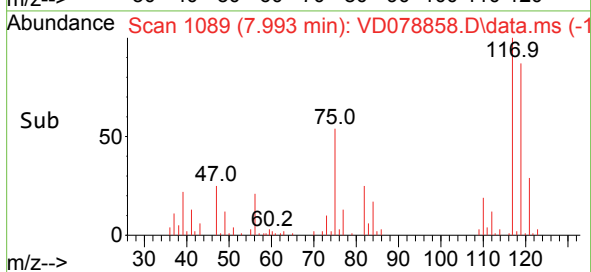
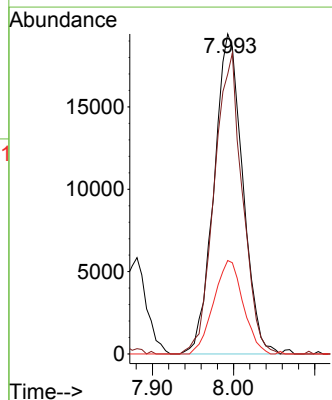
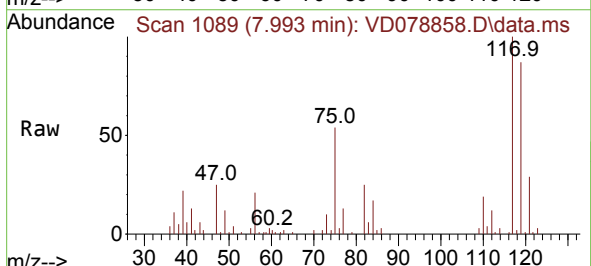
Tgt Ion: 117 Resp: 47769

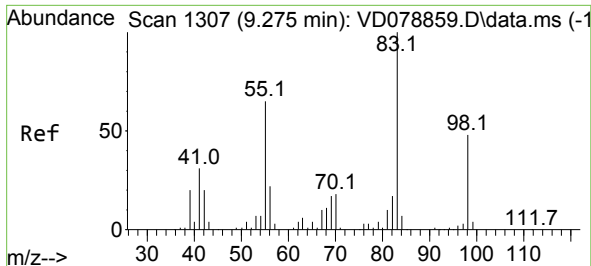
Ion Ratio Lower Upper

117 100

119 87.4 79.2 118.8

121 29.2 26.8 40.2

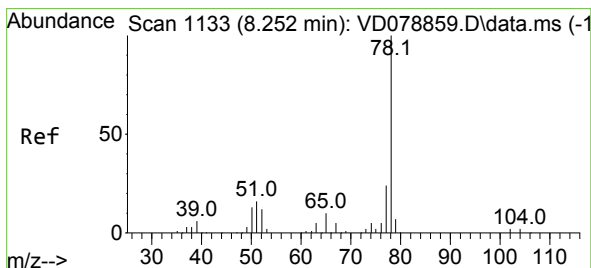
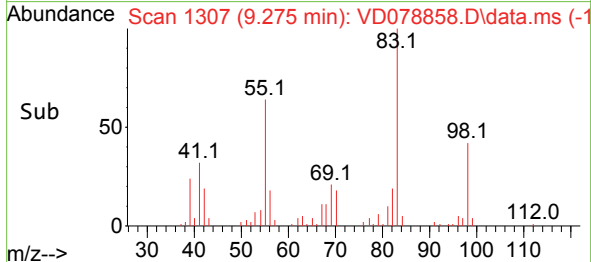
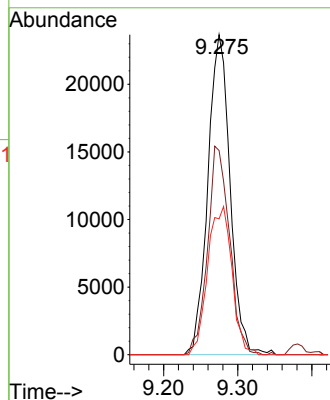
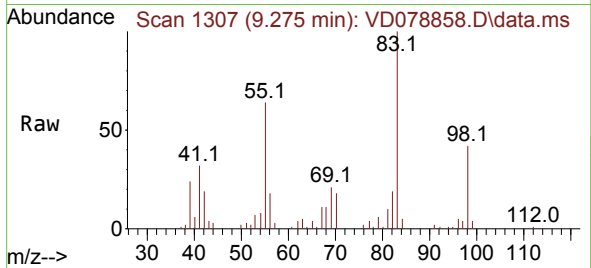




#39
Methylcyclohexane
Concen: 19.312 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

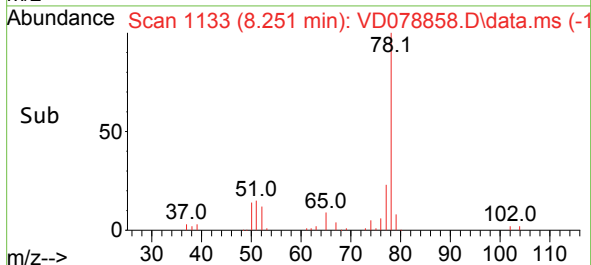
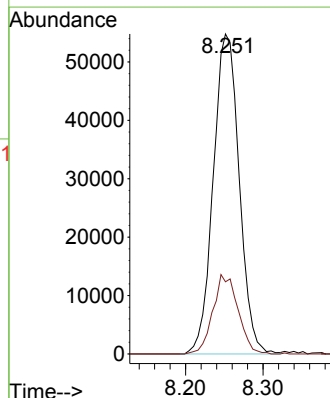
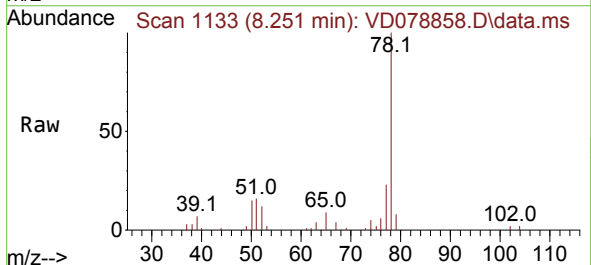
Instrument :
MSVOA_D
ClientSampleId :

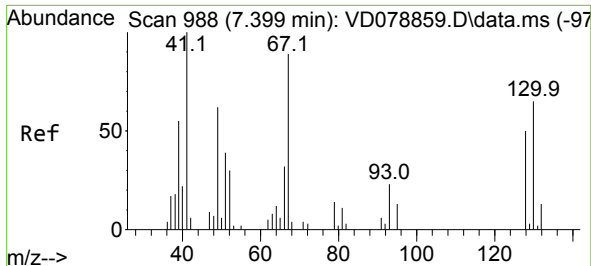
Tgt Ion: 83 Resp: 49370
Ion Ratio Lower Upper
83 100
55 63.8 51.7 77.5
98 42.4 41.4 62.0



#40
Benzene
Concen: 18.752 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

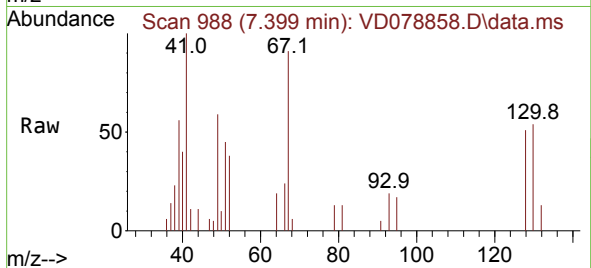
Tgt Ion: 78 Resp: 127413
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6



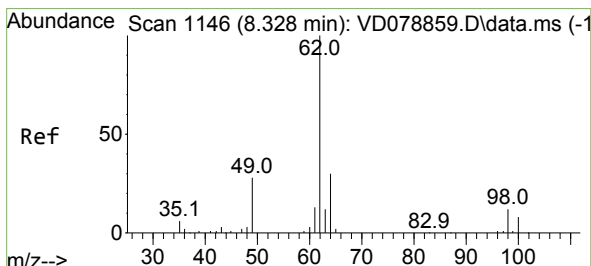
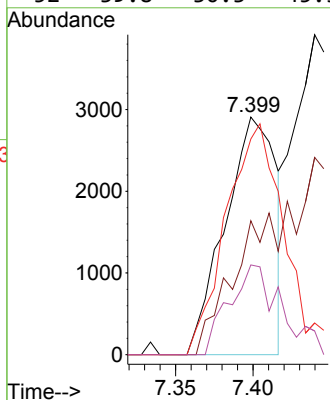
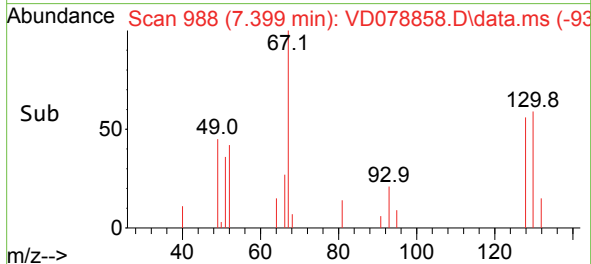


#41
Methacrylonitrile
Concen: 19.487 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

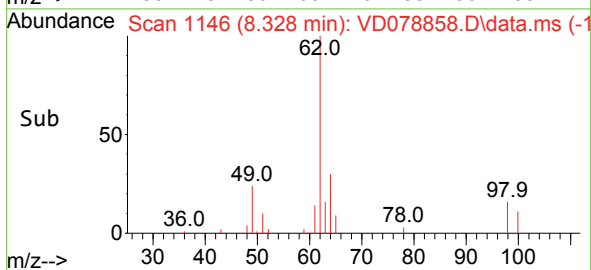
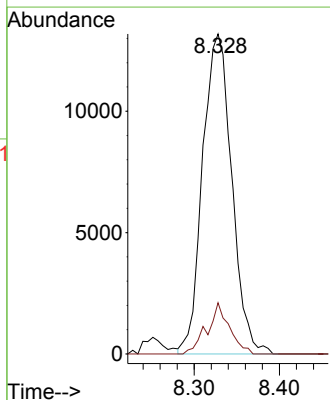
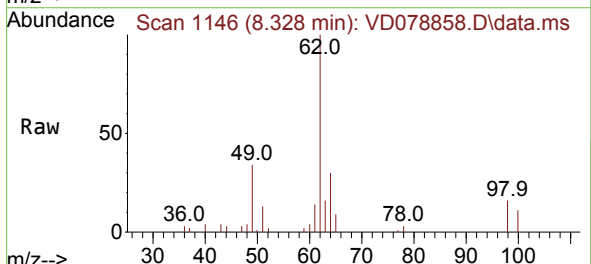


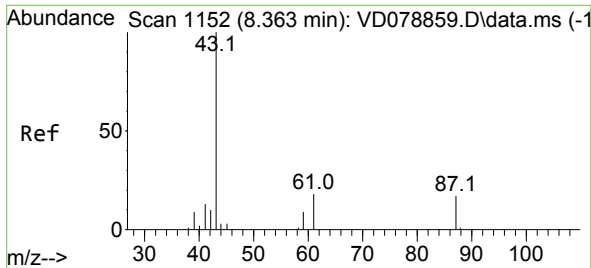
Tgt Ion:	41	Resp:	6604
Ion	Ratio	Lower	Upper
41	100		
39	52.2	39.8	59.6
67	110.3	83.5	125.3
52	39.8	30.3	45.5



#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:	62	Resp:	31382
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	23.8

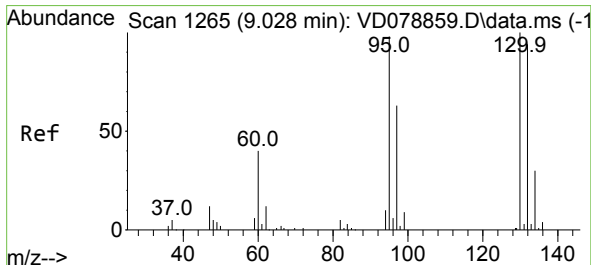
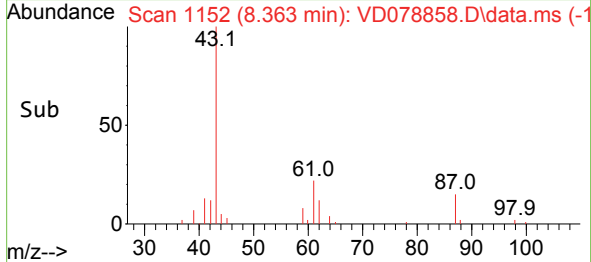
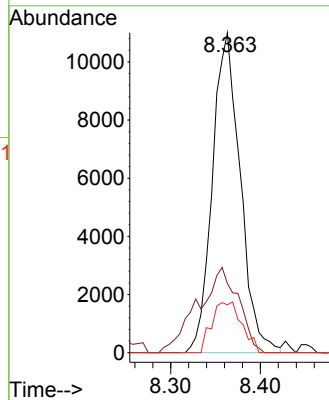
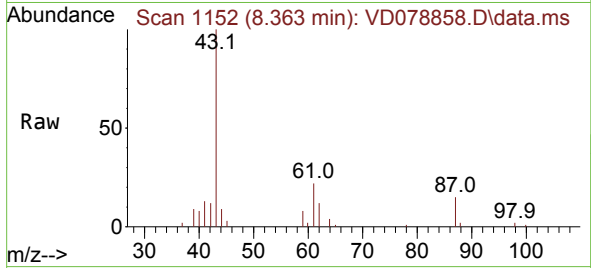




#43
Isopropyl Acetate
Concen: 18.900 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

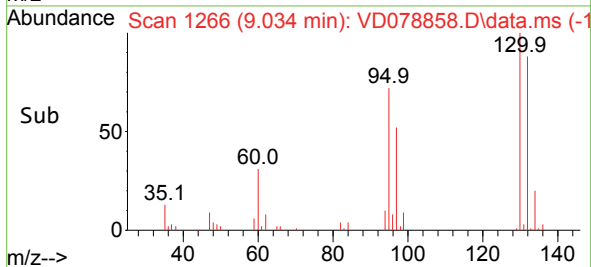
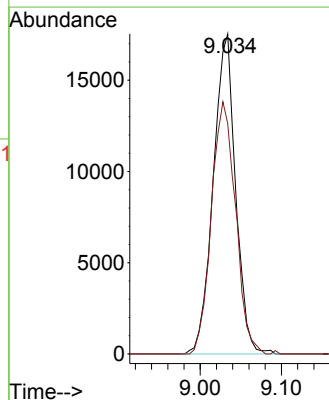
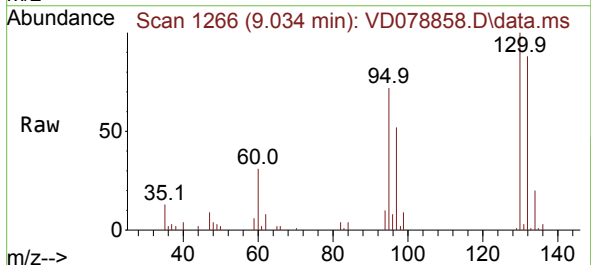
Instrument :
MSVOA_D
ClientSampleId :

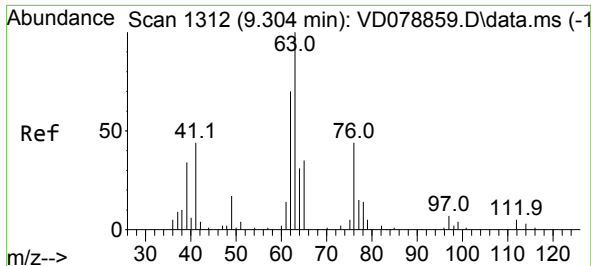
Tgt Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.1	45.1
87	17.0	14.4	21.6



#44
Trichloroethene
Concen: 19.590 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	72.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 19.020 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

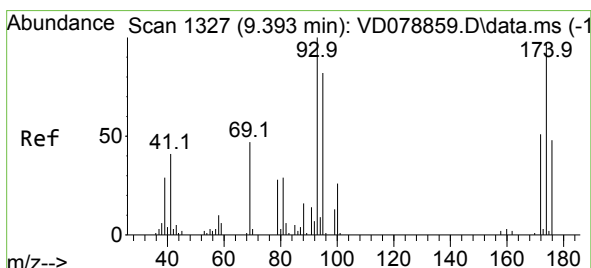
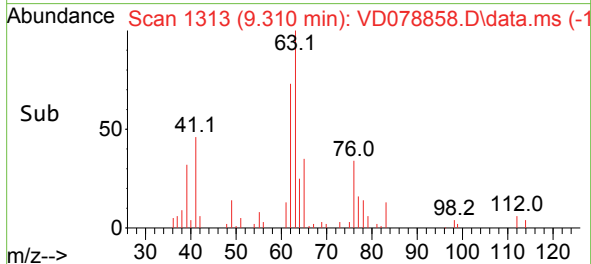
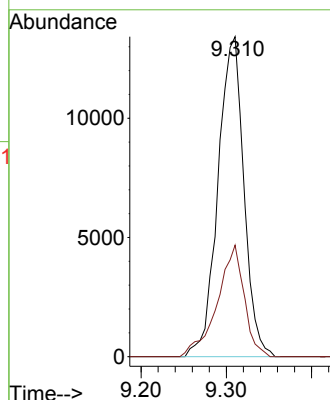
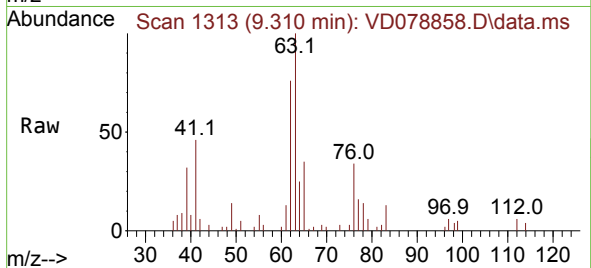
ClientSampleId :

Tgt Ion: 63 Resp: 28342

Ion Ratio Lower Upper

63 100

65 34.9 24.8 37.2



#46

Dibromomethane

Concen: 19.753 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

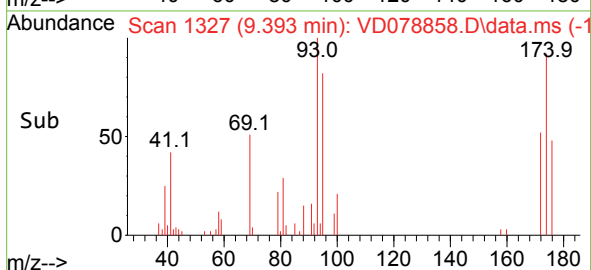
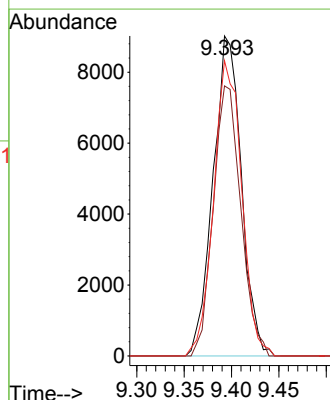
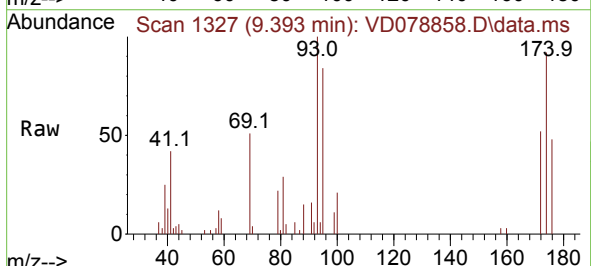
Tgt Ion: 93 Resp: 18739

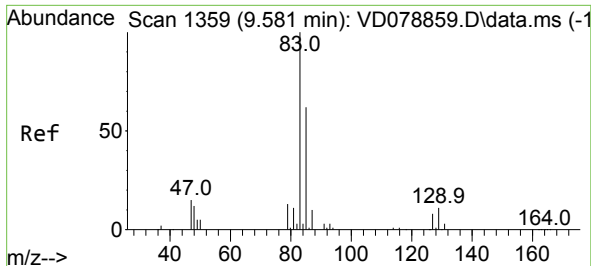
Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

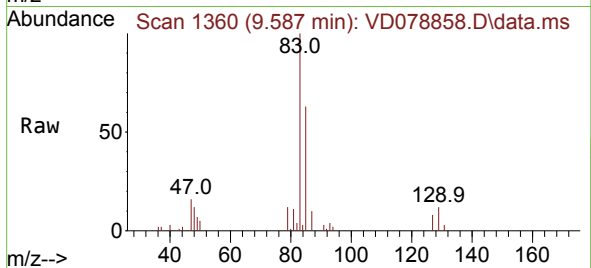
174 91.6 80.9 121.3



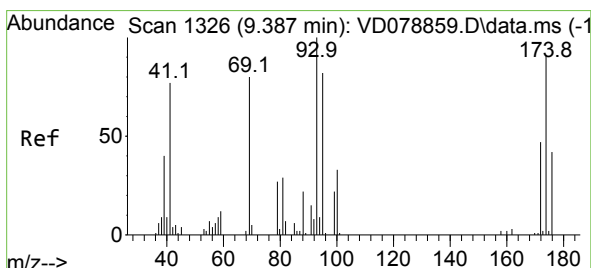
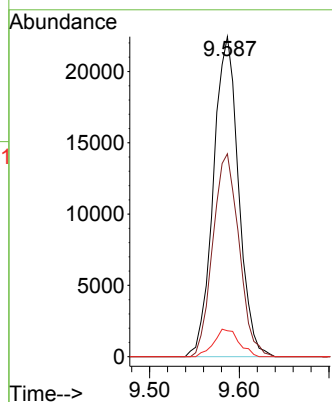
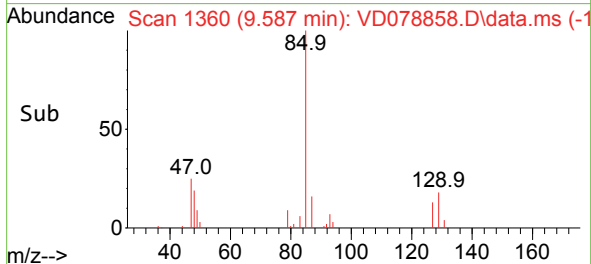


#47
Bromodichloromethane
Concen: 18.585 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

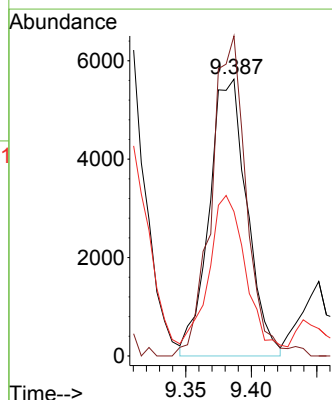
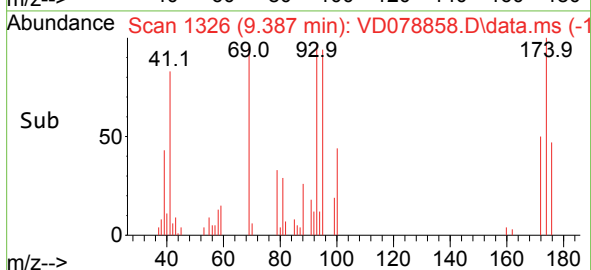
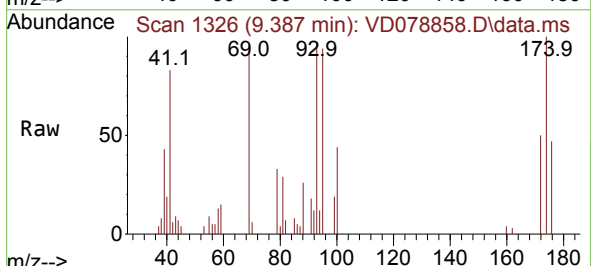


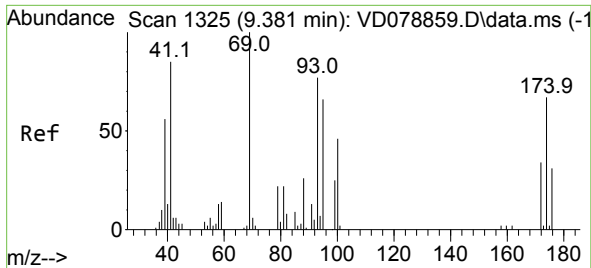
Tgt Ion: 83 Resp: 43656
Ion Ratio Lower Upper
83 100
85 63.4 54.0 81.0
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.215 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

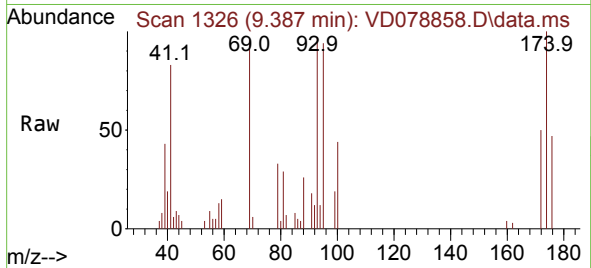
Tgt Ion: 41 Resp: 11306
Ion Ratio Lower Upper
41 100
69 106.4 88.3 132.5
39 52.9 46.6 69.8



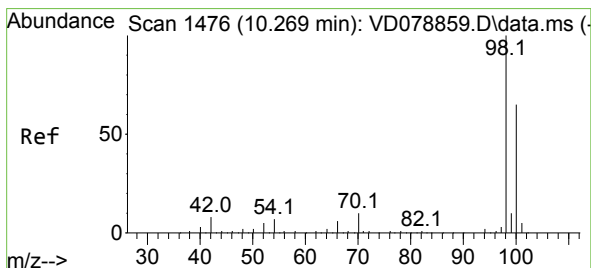
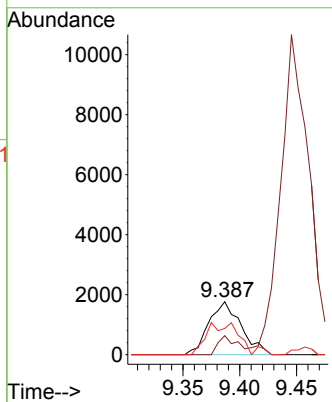
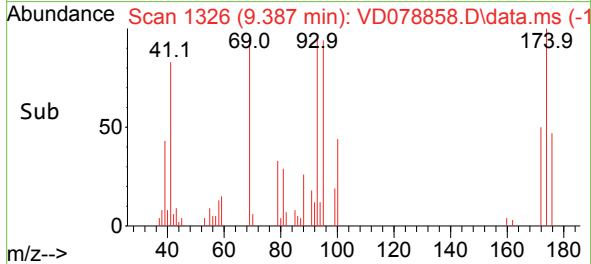


#49
1,4-Dioxane
Concen: 402.333 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

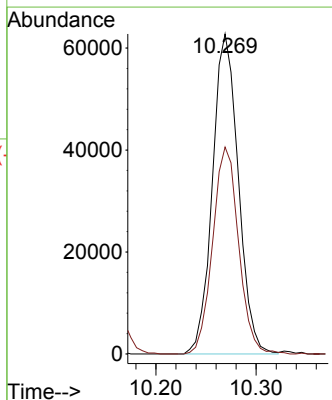
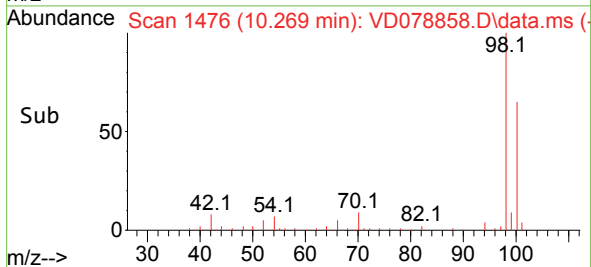
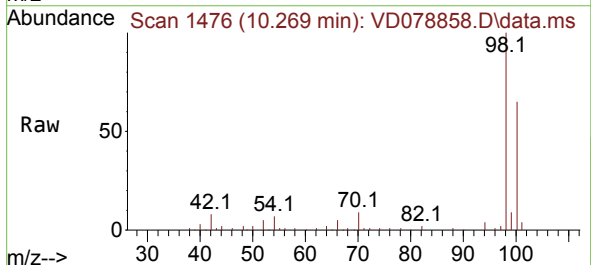


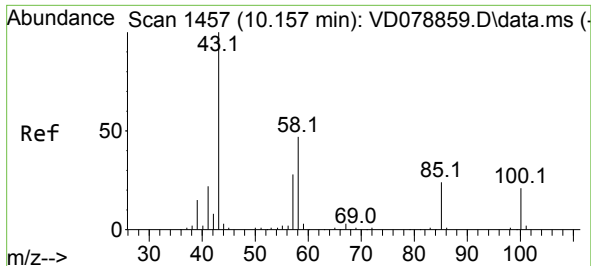
Tgt Ion: 88 Resp: 3483
Ion Ratio Lower Upper
88 100
43 20.6 23.2 34.8#
58 62.5 51.0 76.6



#50
Toluene-d8
Concen: 18.172 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 98 Resp: 112491
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 95.971 ug/l

RT: 10.163 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

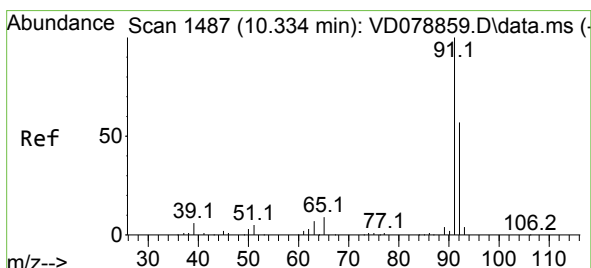
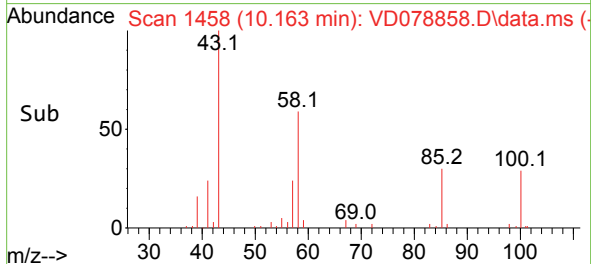
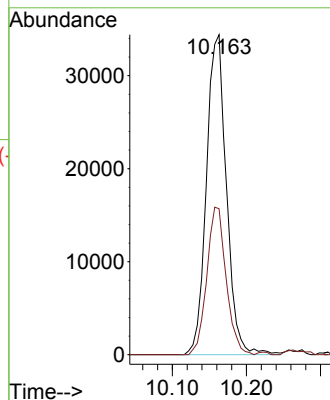
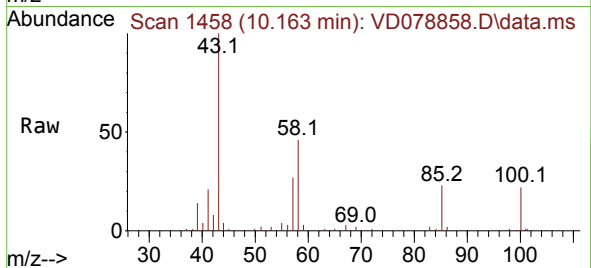
ClientSampleId :

Tgt Ion: 43 Resp: 64511

Ion Ratio Lower Upper

43 100

58 44.5 36.4 54.6



#52

Toluene

Concen: 18.672 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078858.D

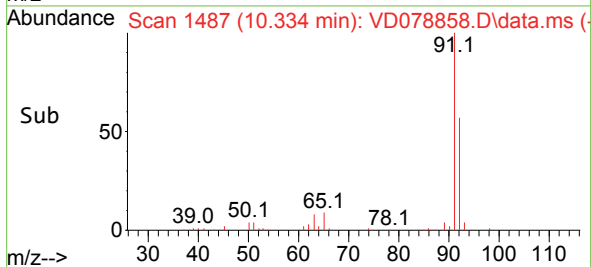
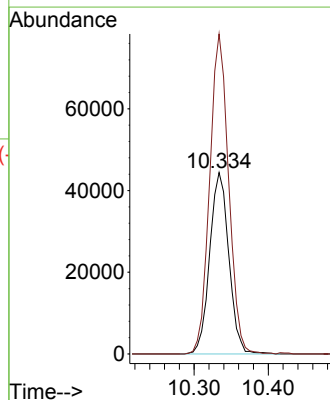
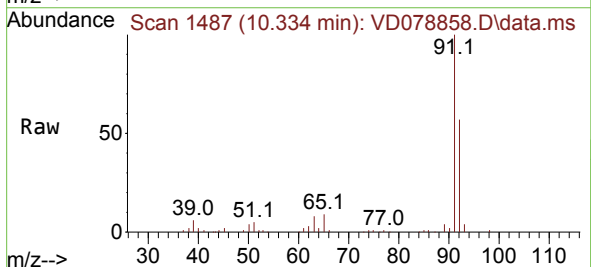
Acq: 01 May 2024 12:44

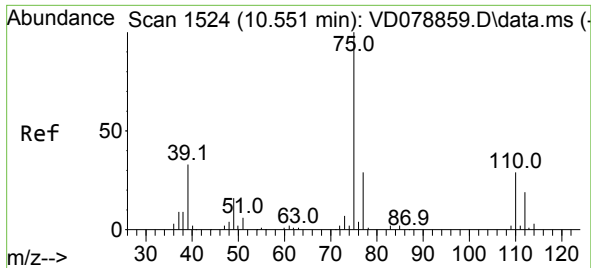
Tgt Ion: 92 Resp: 79688

Ion Ratio Lower Upper

92 100

91 174.6 136.6 205.0

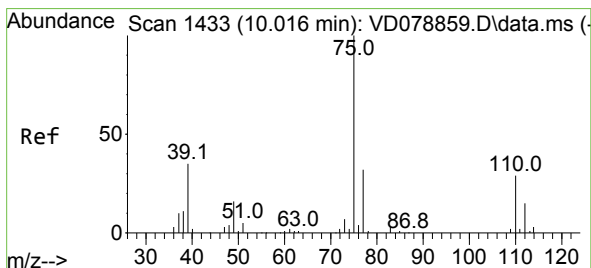
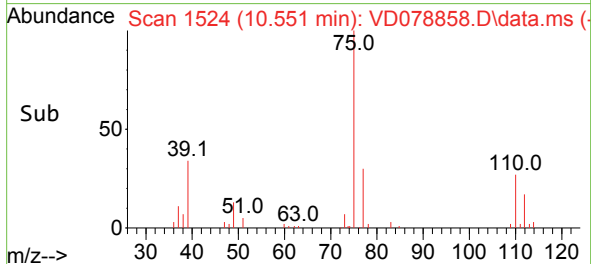
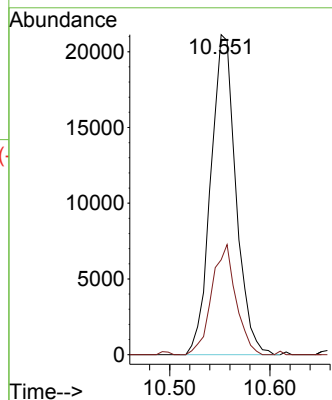
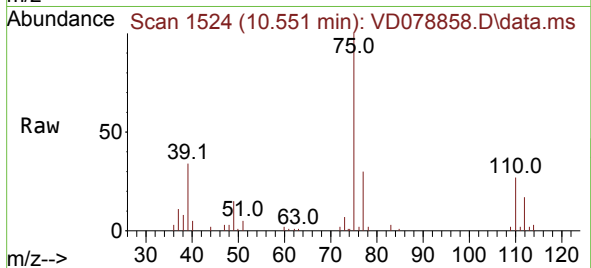




#53
t-1,3-Dichloropropene
Concen: 18.703 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

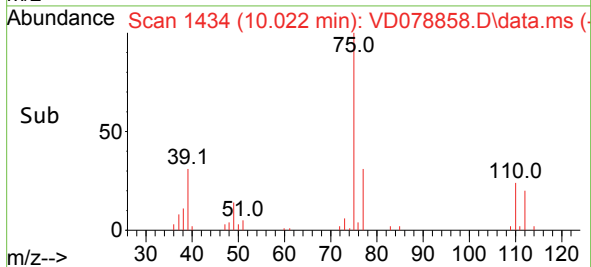
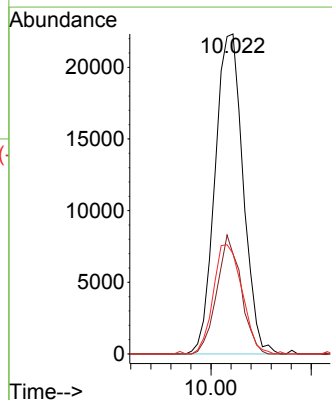
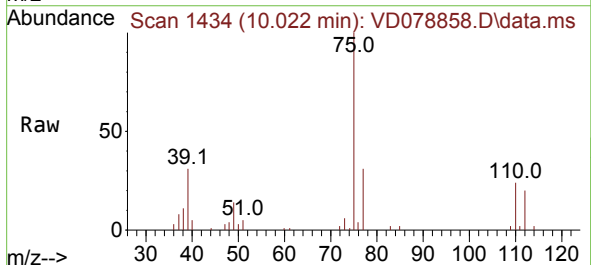
Instrument :
MSVOA_D
ClientSampleId :

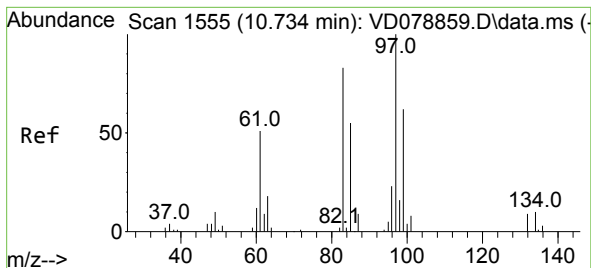
Tgt Ion: 75 Resp: 36838
Ion Ratio Lower Upper
75 100
77 29.6 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 18.258 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 75 Resp: 43436
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 30.7 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 19.258 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

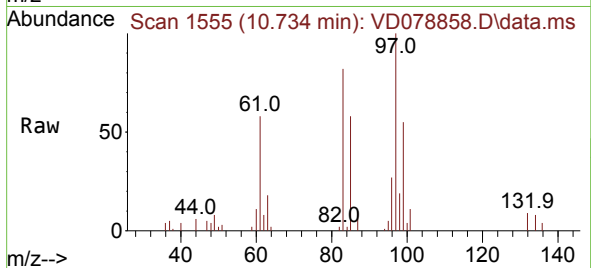
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 23696

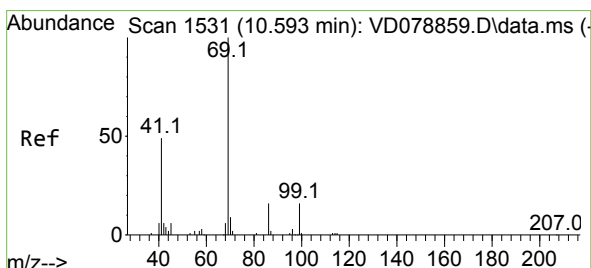
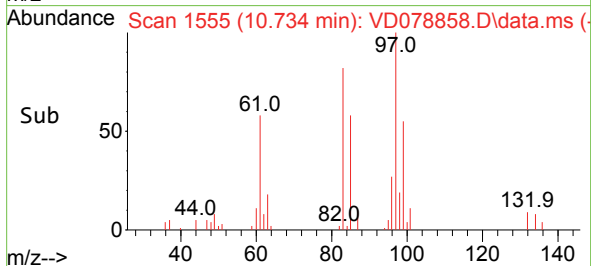
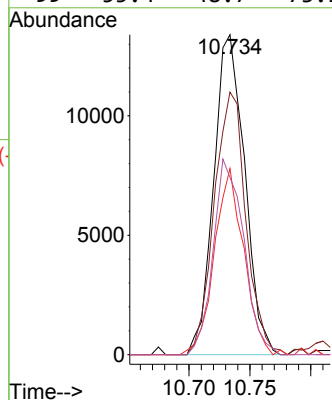
Ion Ratio Lower Upper

97 100

83 82.1 68.1 102.1

85 58.2 48.2 72.2

99 55.4 48.7 73.1



#56

Ethyl methacrylate

Concen: 18.655 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

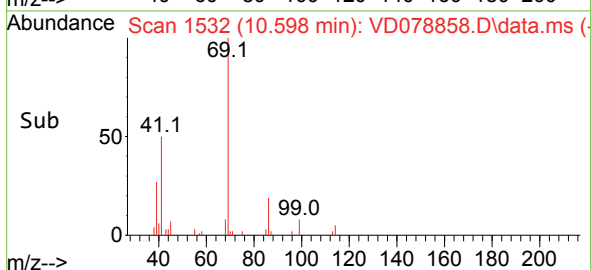
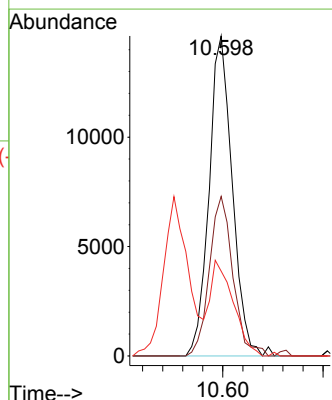
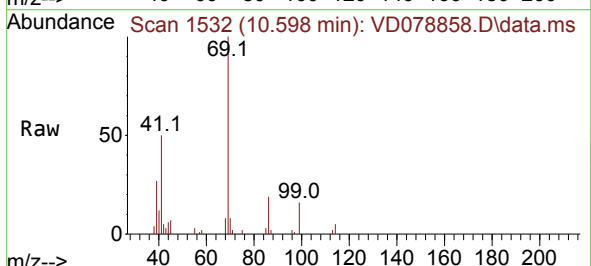
Tgt Ion: 69 Resp: 23585

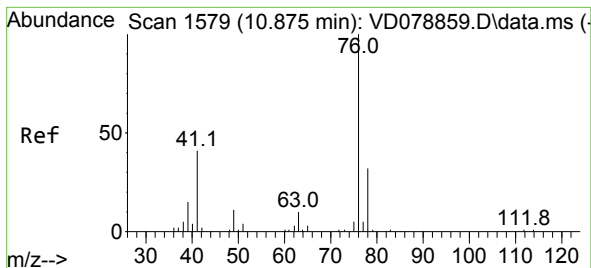
Ion Ratio Lower Upper

69 100

41 50.5 40.9 61.3

39 29.7 25.5 38.3





#57

1,3-Dichloropropane

Concen: 18.885 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

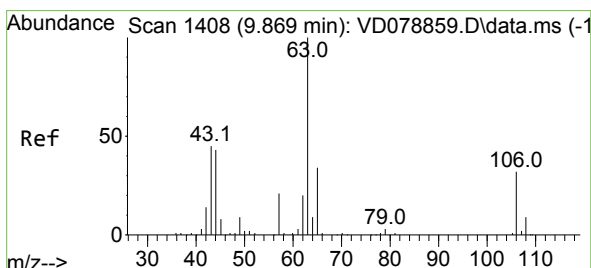
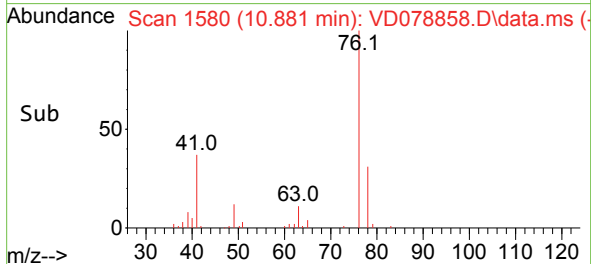
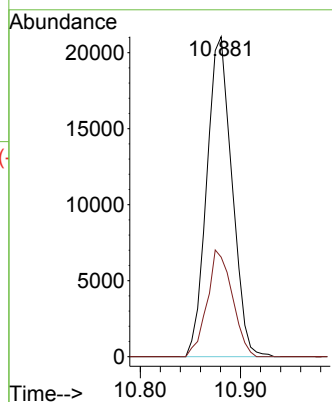
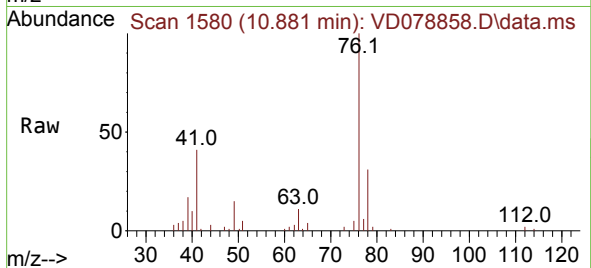
ClientSampleId :

Tgt Ion: 76 Resp: 36746

Ion Ratio Lower Upper

76 100

78 33.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.675 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078858.D

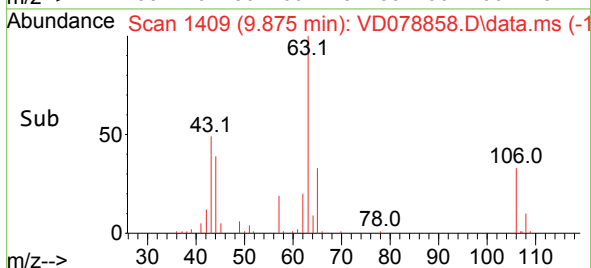
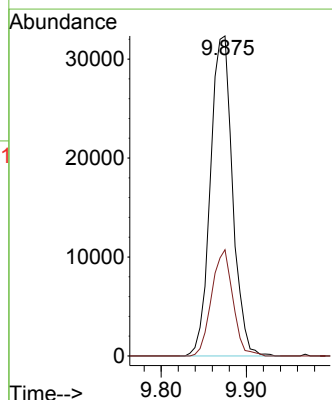
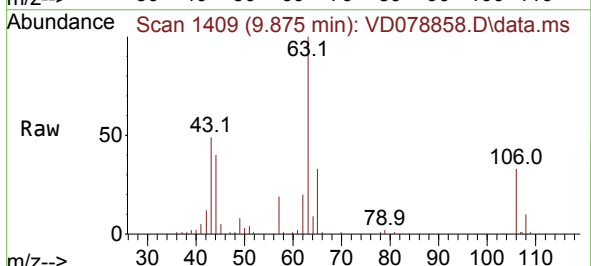
Acq: 01 May 2024 12:44

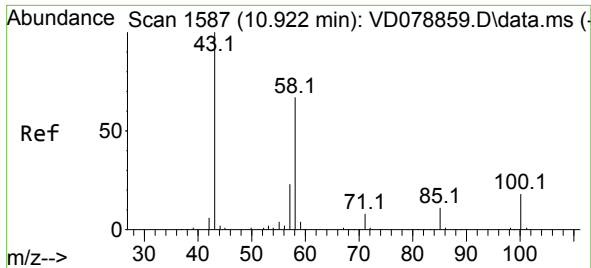
Tgt Ion: 63 Resp: 58339

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

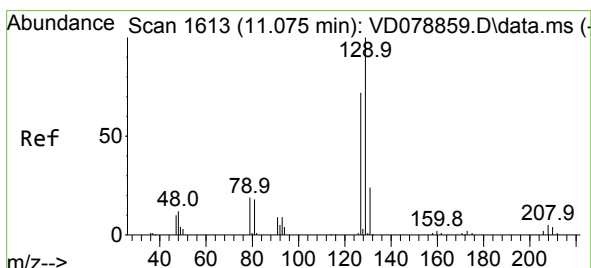
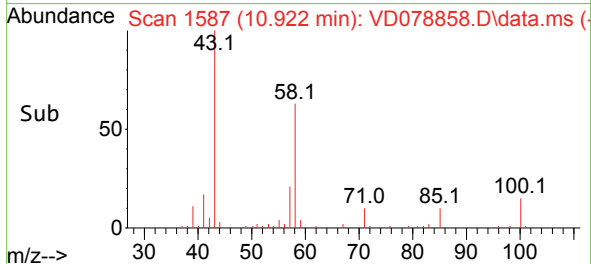
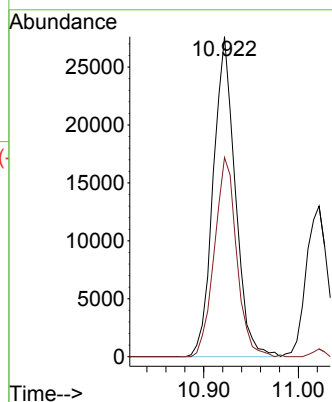
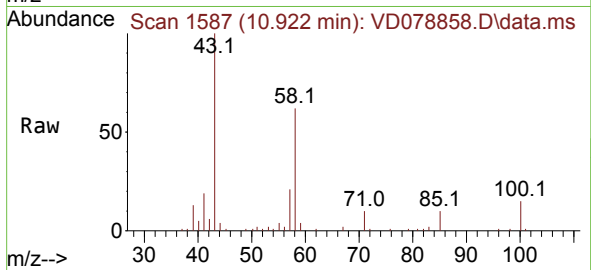




#59
2-Hexanone
Concen: 93.626 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

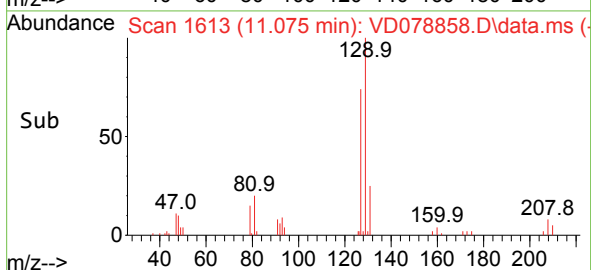
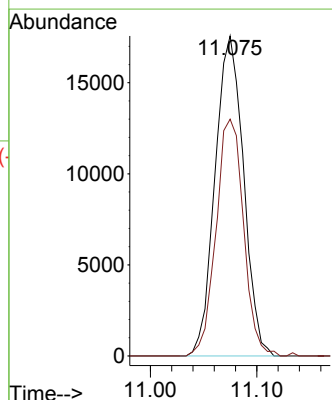
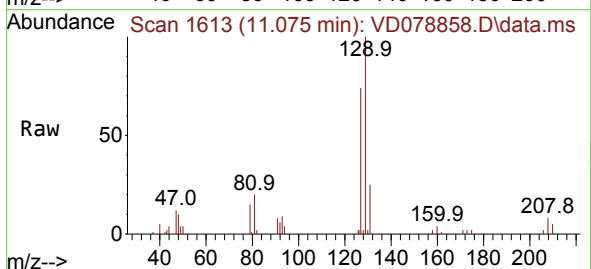
Instrument :
MSVOA_D
ClientSampleId :

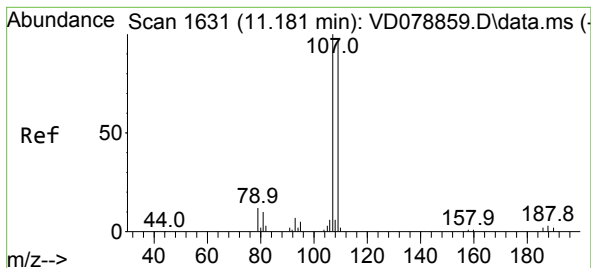
Tgt Ion: 43 Resp: 44561
Ion Ratio Lower Upper
43 100
58 63.2 31.5 94.5



#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 129 Resp: 32602
Ion Ratio Lower Upper
129 100
127 71.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.542 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

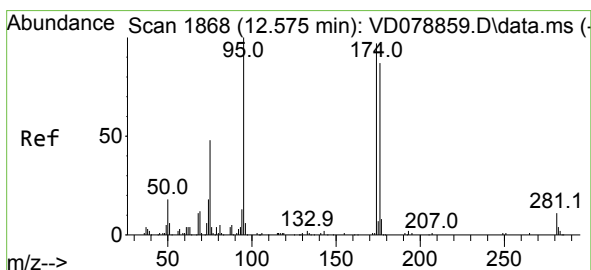
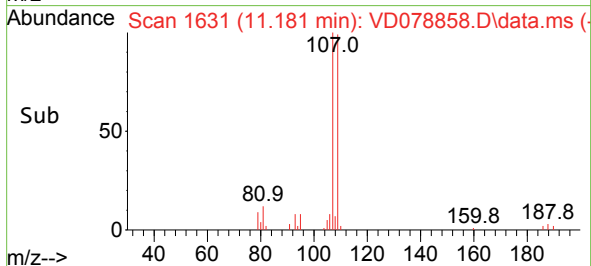
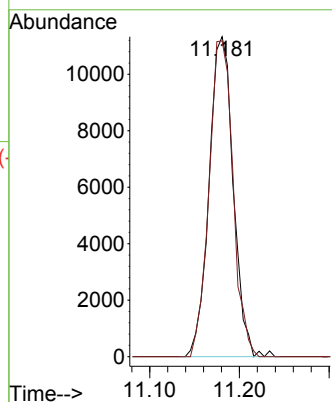
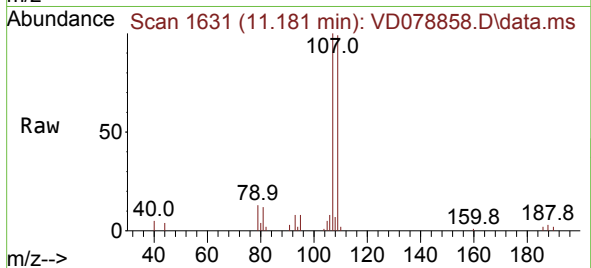
ClientSampleId :

Tgt Ion:107 Resp: 21159

Ion Ratio Lower Upper

107 100

109 98.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 18.283 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

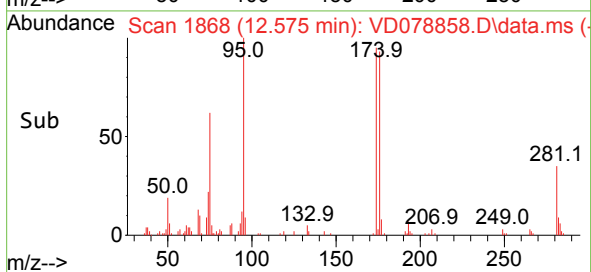
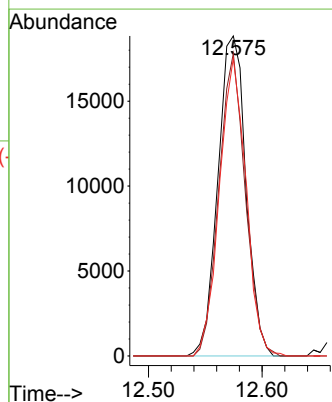
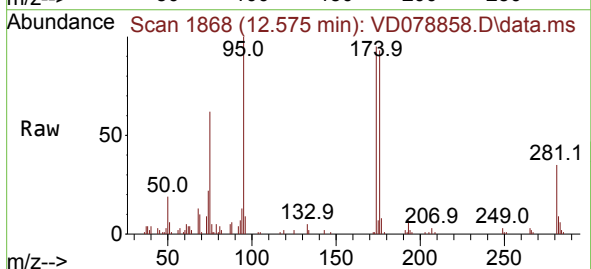
Tgt Ion: 95 Resp: 32392

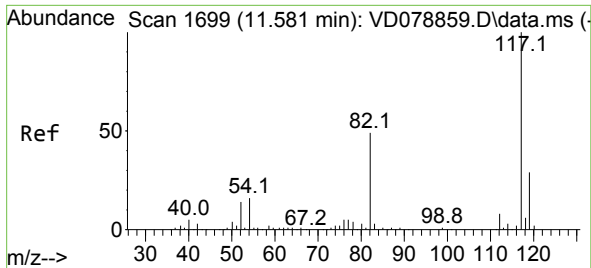
Ion Ratio Lower Upper

95 100

174 88.8 0.0 195.2

176 87.9 0.0 188.2

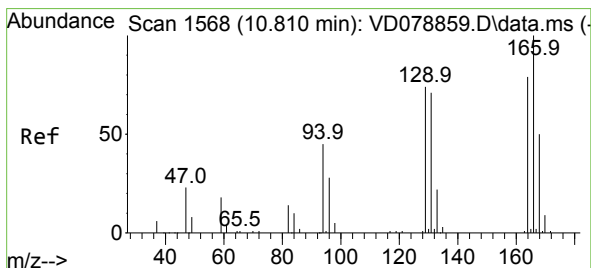
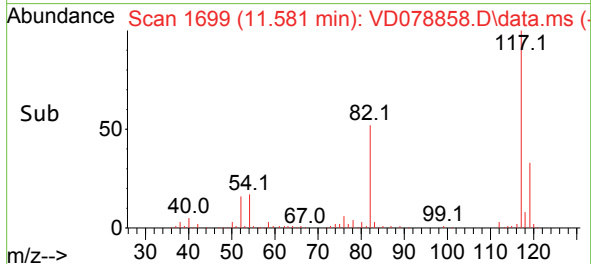
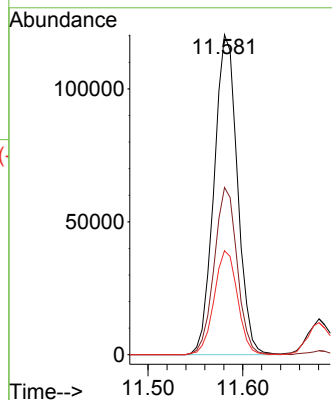
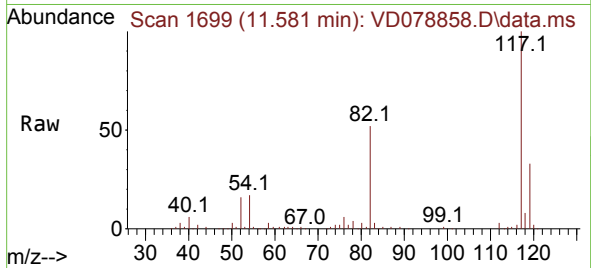




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

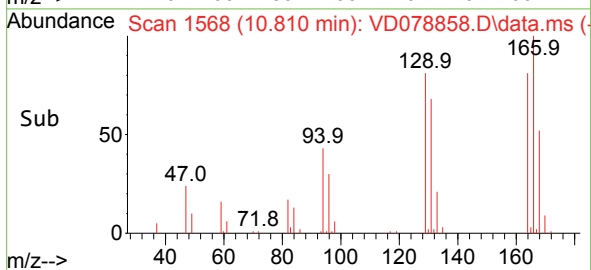
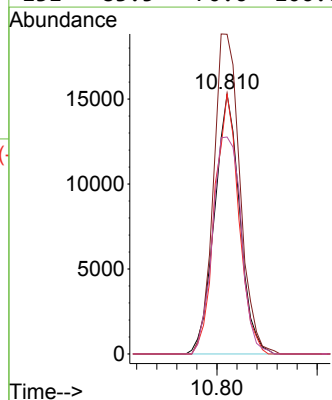
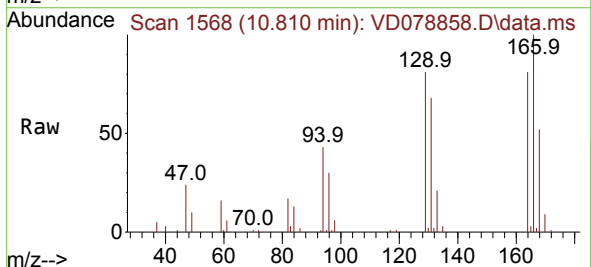
Instrument :
MSVOA_D
ClientSampleId :

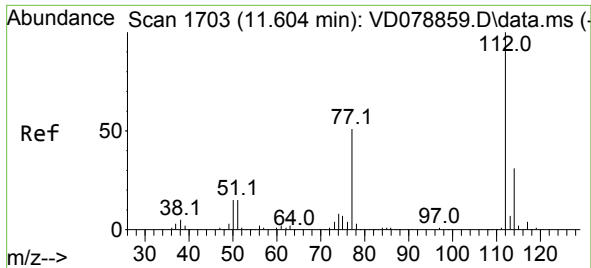
Tgt Ion:117 Resp: 206463
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 18.950 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:164 Resp: 26686
Ion Ratio Lower Upper
164 100
166 123.0 98.9 148.3
129 100.0 70.3 105.5
131 83.5 70.6 106.0

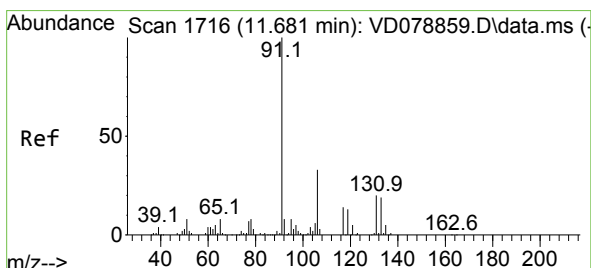
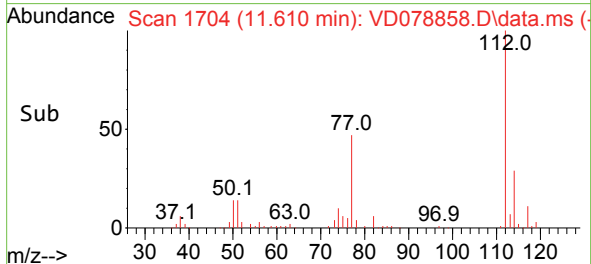
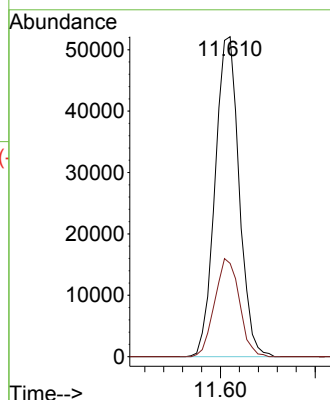
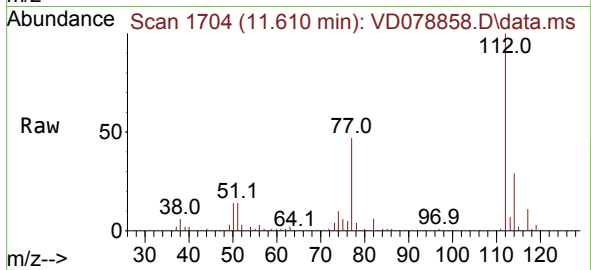




#65
Chlorobenzene
Concen: 19.385 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

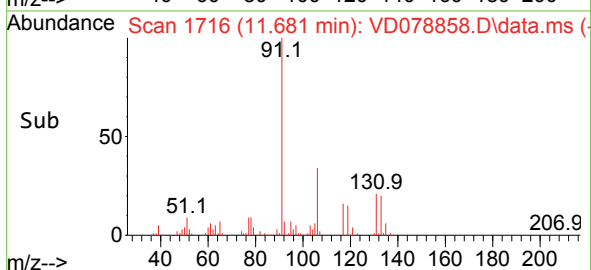
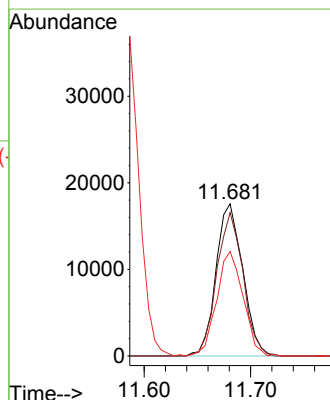
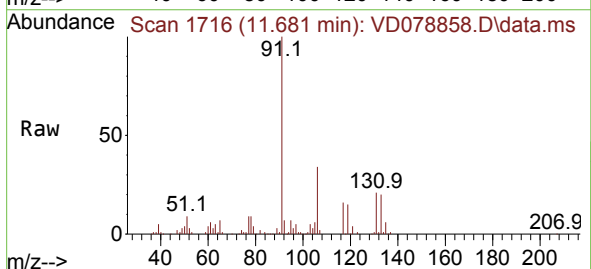
Instrument :
MSVOA_D
ClientSampleId :

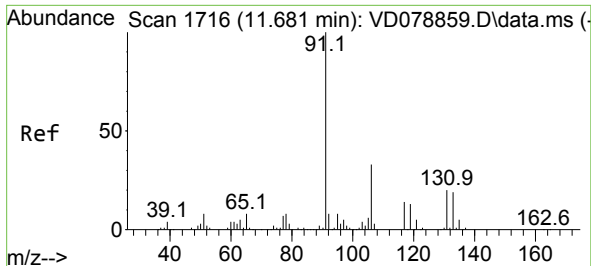
Tgt Ion:112 Resp: 91852
Ion Ratio Lower Upper
112 100
114 29.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:131 Resp: 30627
Ion Ratio Lower Upper
131 100
133 92.7 47.6 142.9
119 68.1 34.1 102.3

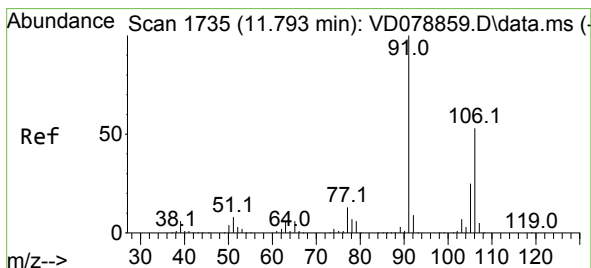
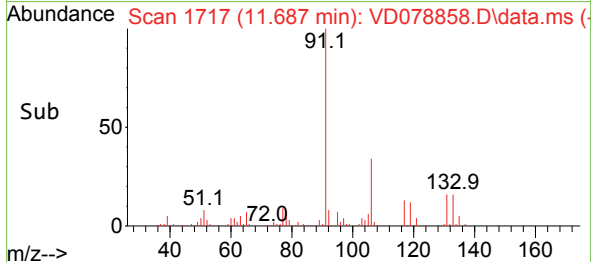
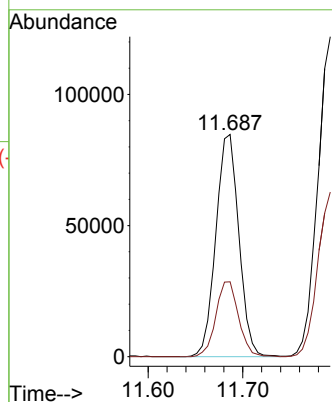
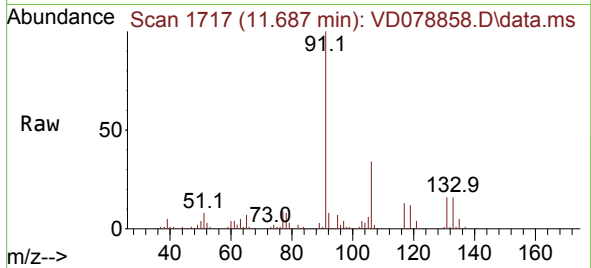




#67
Ethyl Benzene
Concen: 18.466 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

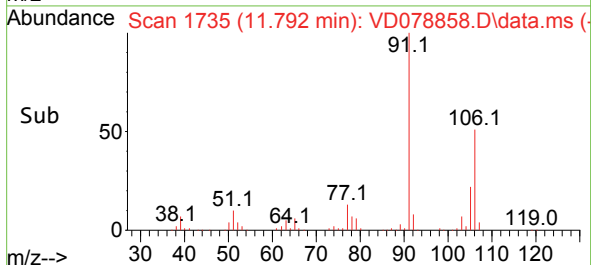
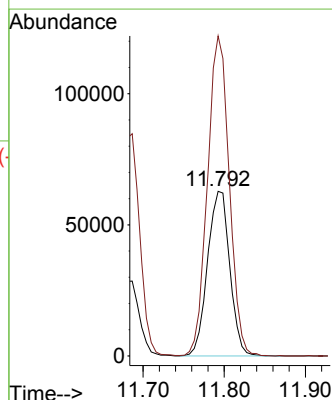
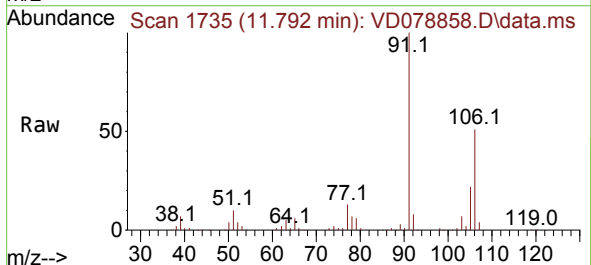
Instrument :
MSVOA_D
ClientSampleId :

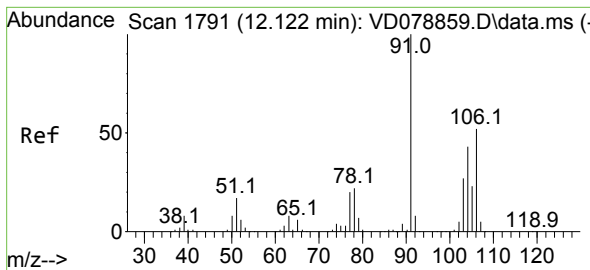
Tgt Ion: 91 Resp: 143120
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7



#68
m/p-Xylenes
Concen: 38.015 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 106 Resp: 119293
Ion Ratio Lower Upper
106 100
91 190.8 154.4 231.6

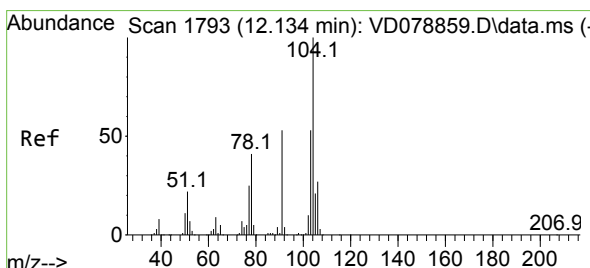
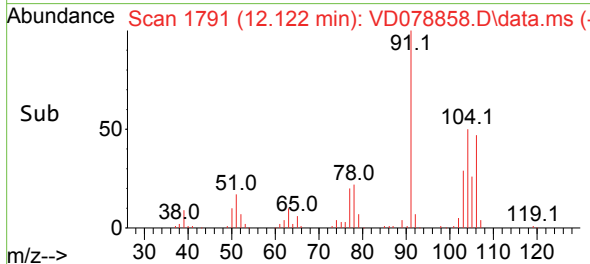
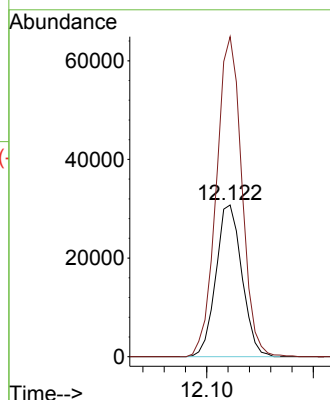
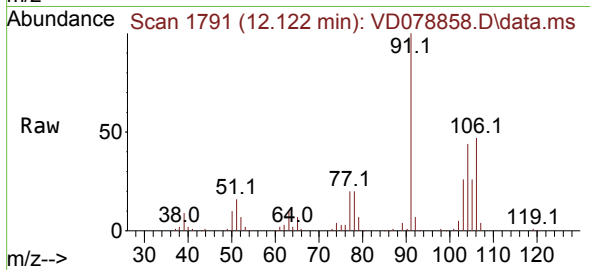




#69
o-Xylene
Concen: 18.125 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

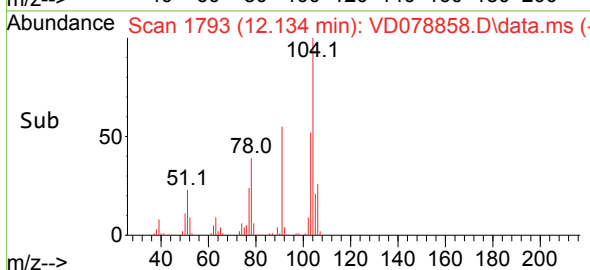
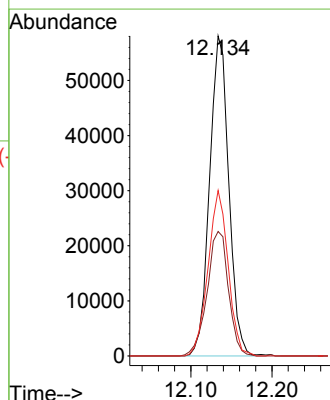
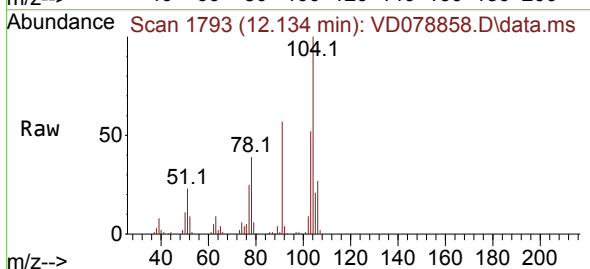
Instrument :
MSVOA_D
ClientSampleId :

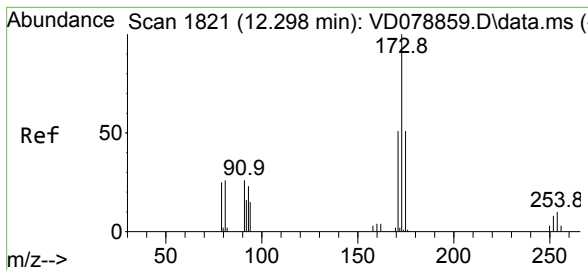
Tgt Ion:106 Resp: 52001
Ion Ratio Lower Upper
106 100
91 207.0 99.6 298.7



#70
Styrene
Concen: 18.913 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:104 Resp: 95410
Ion Ratio Lower Upper
104 100
78 43.3 34.6 52.0
103 54.0 44.2 66.2

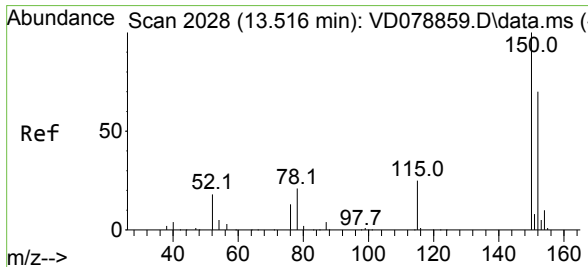
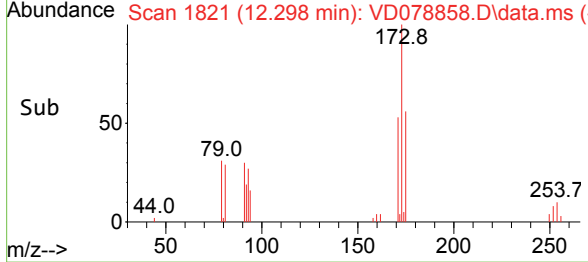
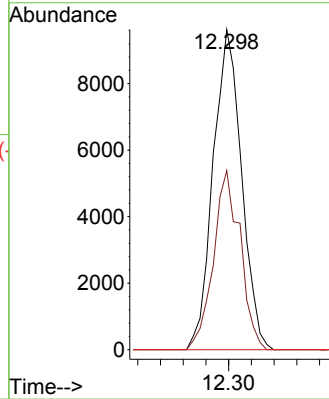
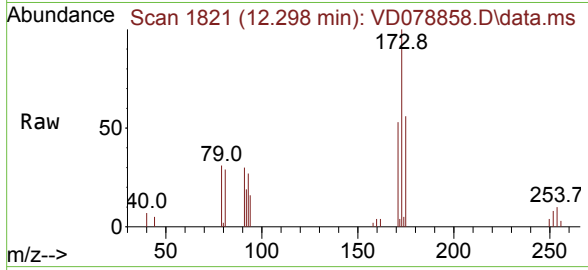




#71
Bromoform
Concen: 18.616 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

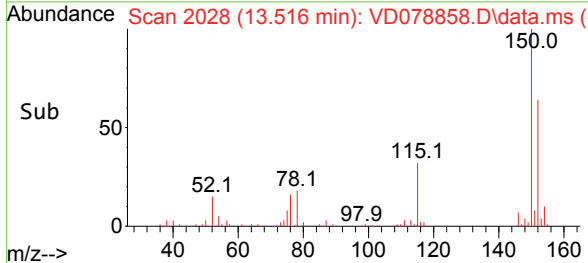
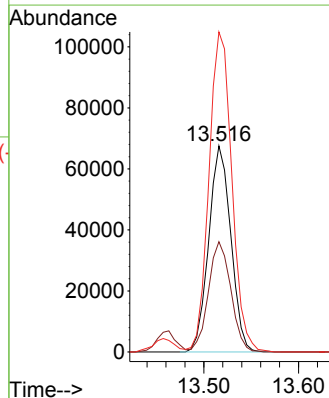
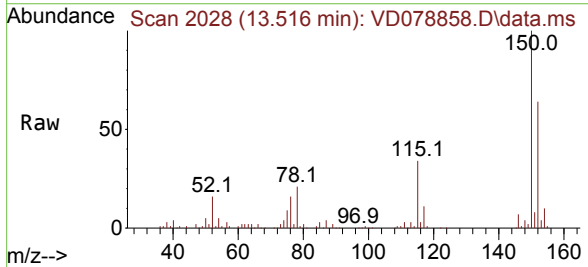
Instrument :
MSVOA_D
ClientSampleId :

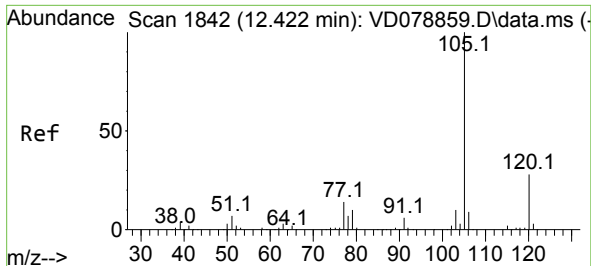
Tgt Ion:173	Resp:	16701
Ion Ratio	Lower	Upper
173	100	
175	52.8	25.8 77.4
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:152	Resp:	109686
Ion Ratio	Lower	Upper
152	100	
115	54.3	27.1 81.2
150	160.2	0.0 350.2

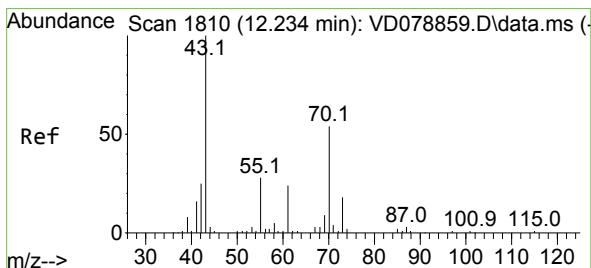
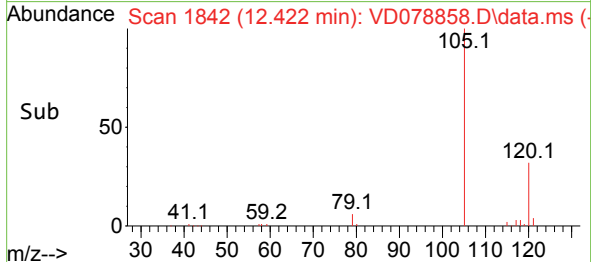
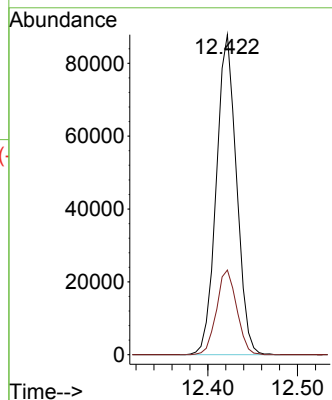
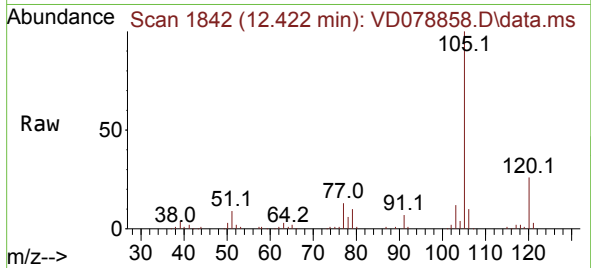




#73
Isopropylbenzene
Concen: 18.547 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

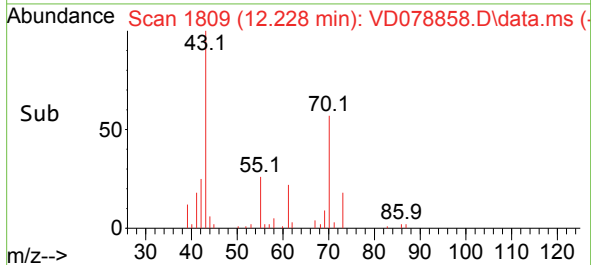
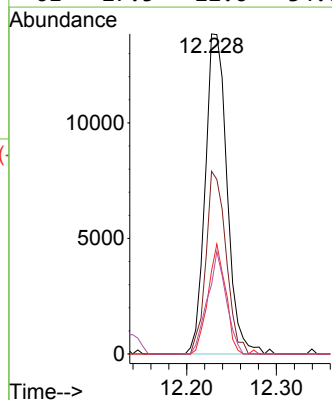
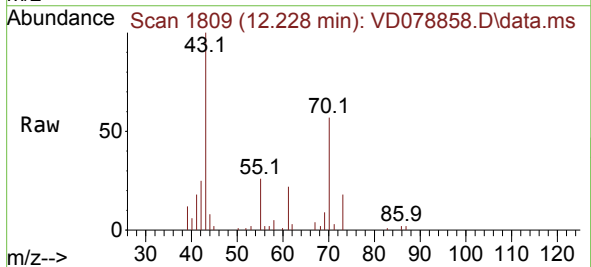
Instrument :
MSVOA_D
ClientSampleId :

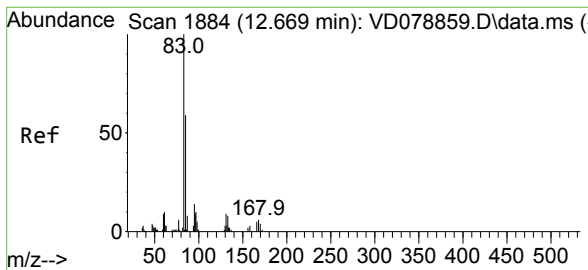
Tgt Ion:105 Resp: 137130
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 19.028 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43 Resp: 23402
Ion Ratio Lower Upper
43 100
70 52.5 42.1 63.1
55 27.6 22.6 33.8
61 27.5 22.6 34.0

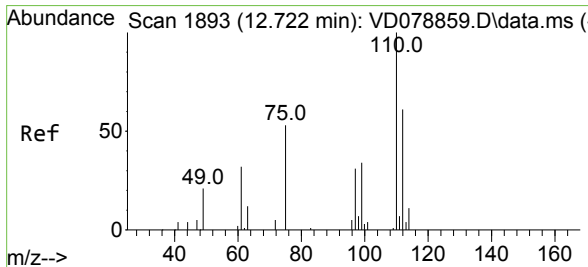
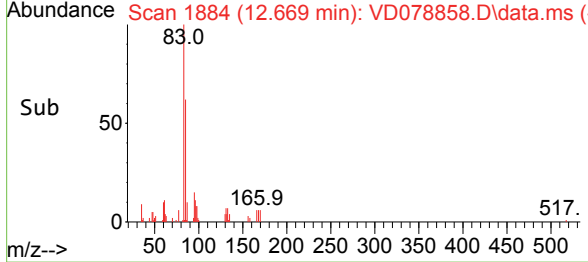
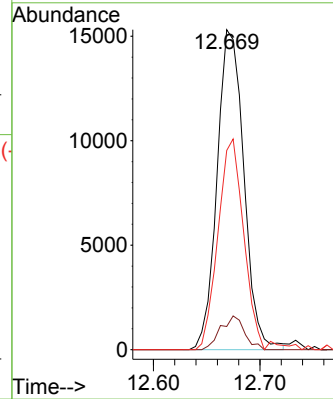
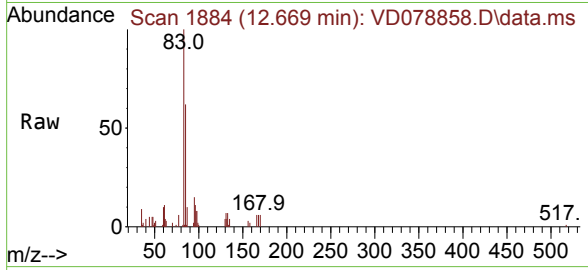




#75
1,1,2,2-Tetrachloroethane
Concen: 19.311 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

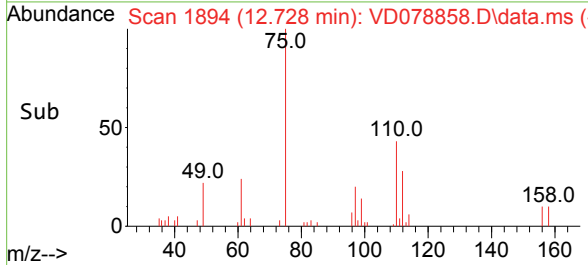
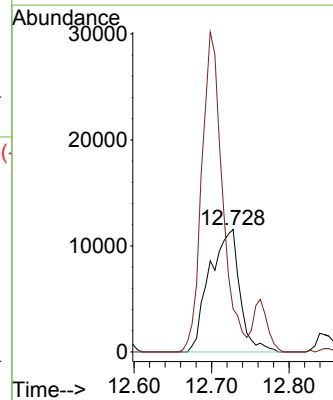
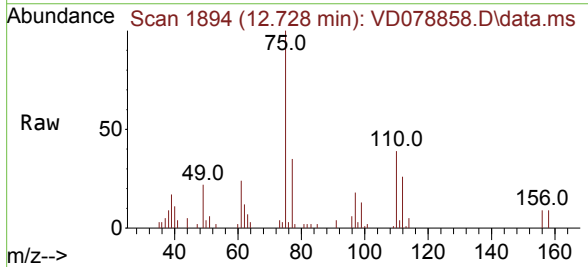
Instrument :
MSVOA_D
ClientSampleId :

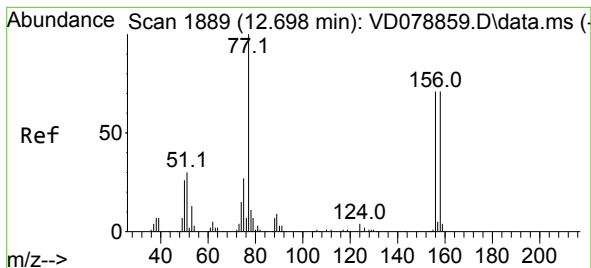
Tgt Ion: 83	Resp: 26751
Ion Ratio	Lower Upper
83 100	
131 9.4	4.9 14.7
85 64.6	32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 34.277 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 75	Resp: 31307
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 18.324 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078858.D

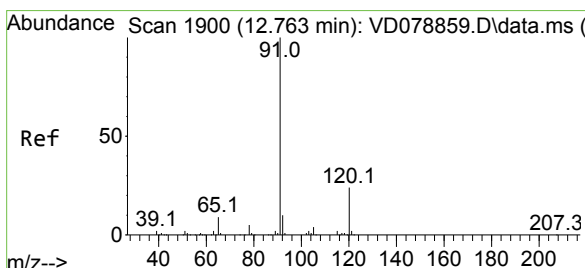
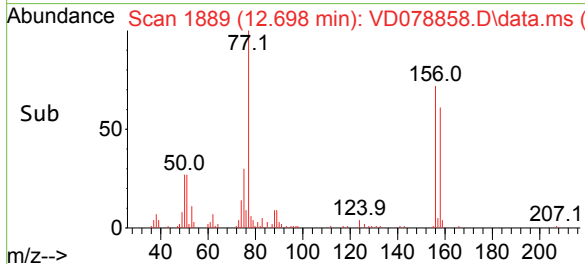
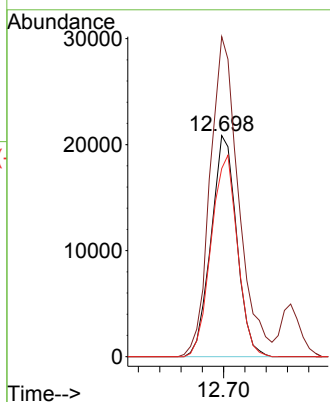
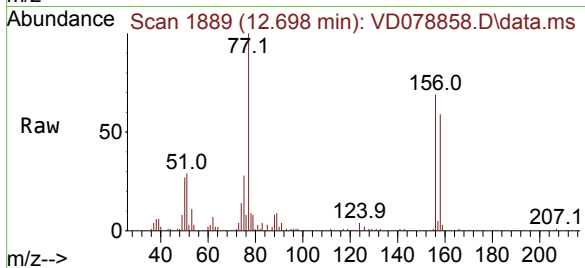
Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	34807
Ion	Ratio	Lower	Upper
156	100		
77	161.4	79.1	237.3
158	93.6	47.0	141.0



#78

n-propylbenzene

Concen: 18.724 ug/l

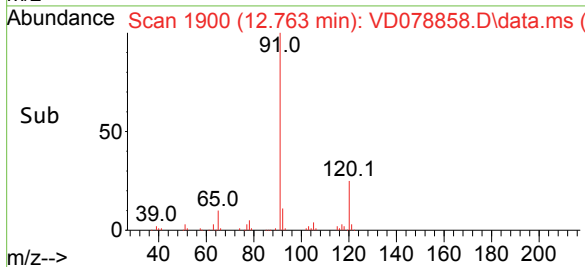
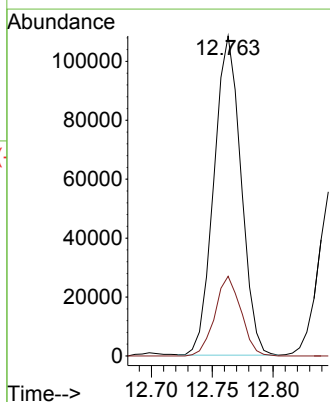
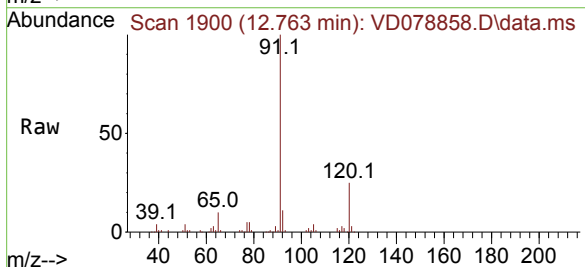
RT: 12.763 min Scan# 1900

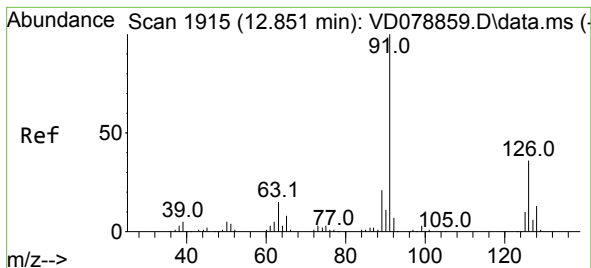
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	91	Resp:	167774
Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 18.709 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

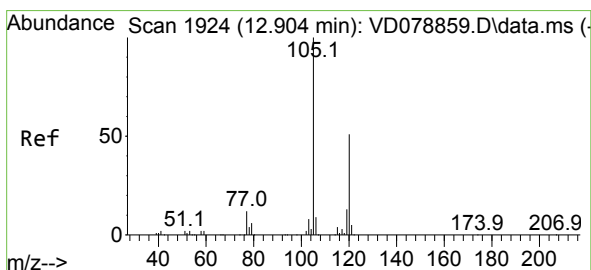
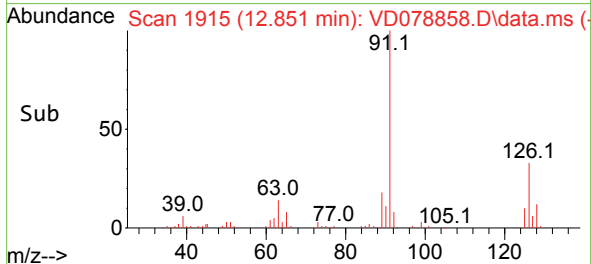
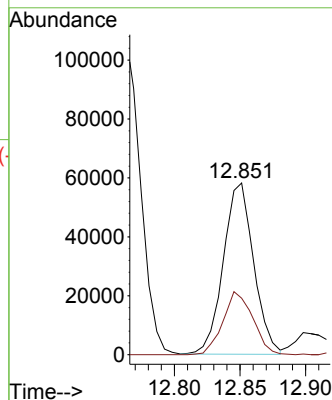
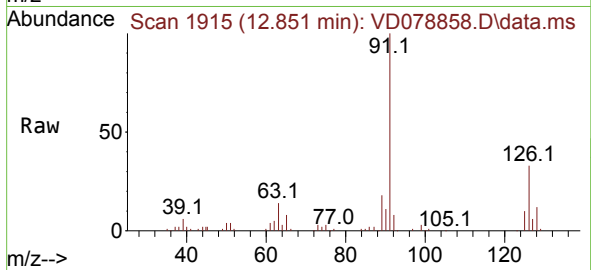
ClientSampleId :

Tgt Ion: 91 Resp: 93567

Ion Ratio Lower Upper

91 100

126 36.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.584 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078858.D

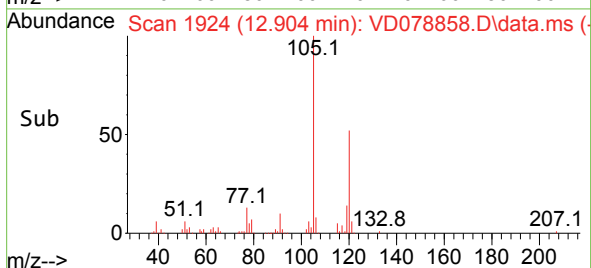
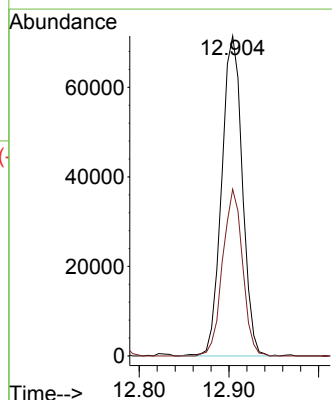
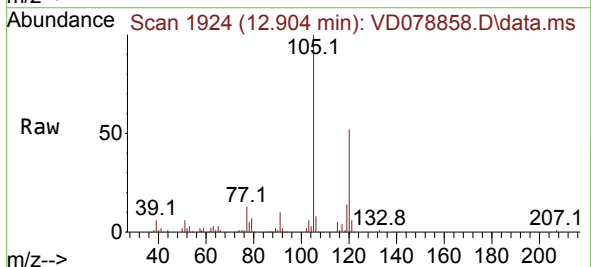
Acq: 01 May 2024 12:44

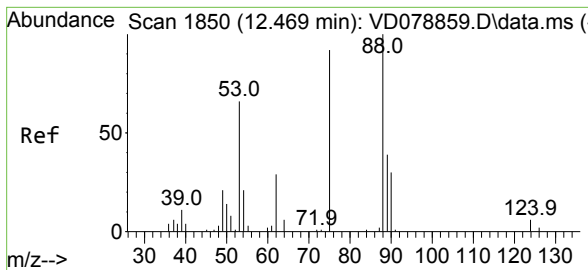
Tgt Ion: 105 Resp: 114100

Ion Ratio Lower Upper

105 100

120 50.4 25.9 77.7

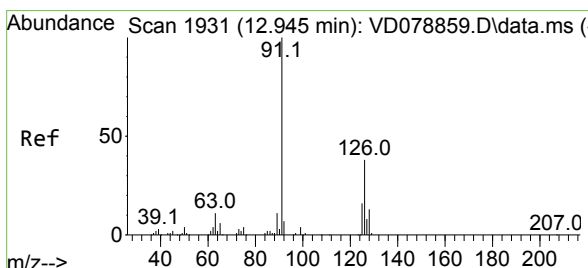
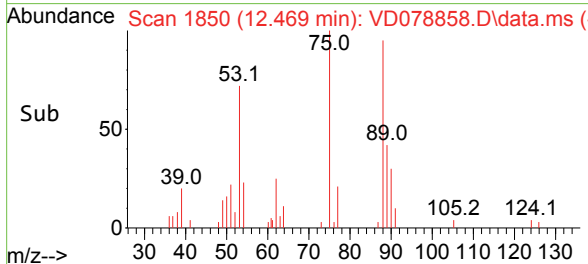
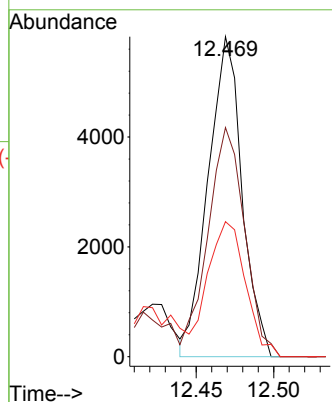
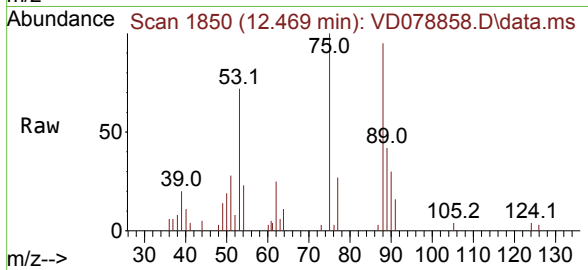




#81
trans-1,4-Dichloro-2-butene
Concen: 18.915 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

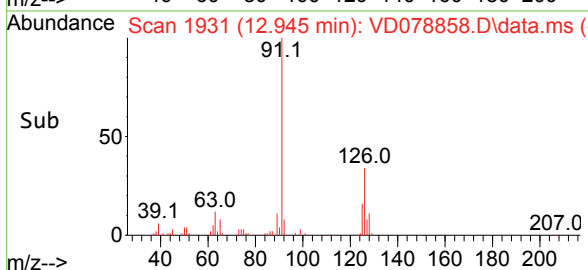
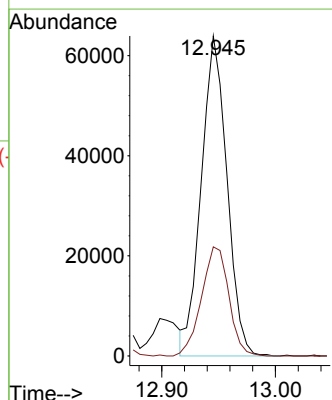
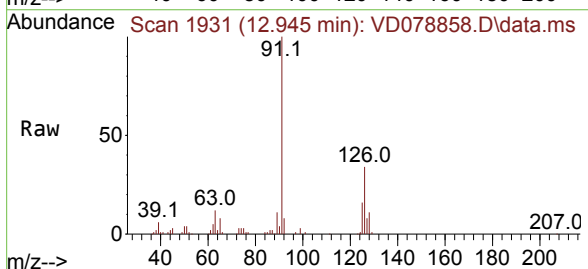
Instrument :
MSVOA_D
ClientSampleId :

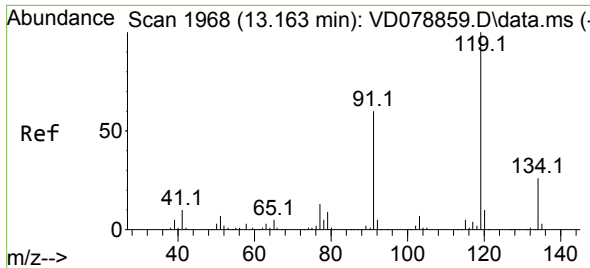
Tgt Ion: 75 Resp: 8834
Ion Ratio Lower Upper
75 100
53 77.8 61.0 91.6
89 46.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.787 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 91 Resp: 100195
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.5

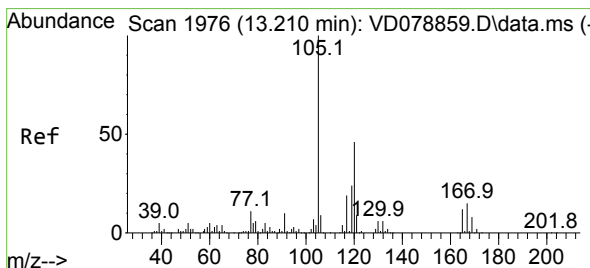
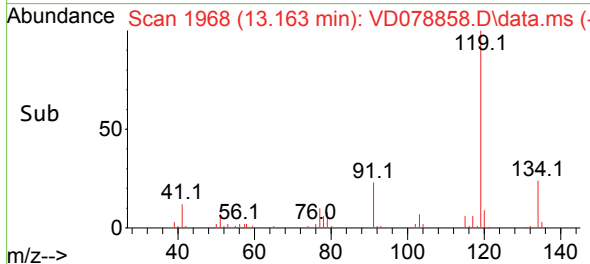
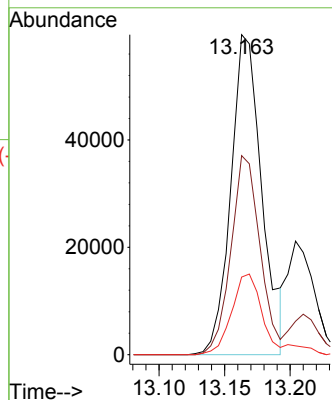
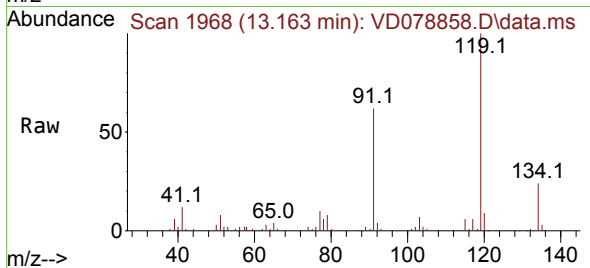




#83
 tert-Butylbenzene
 Concen: 18.562 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

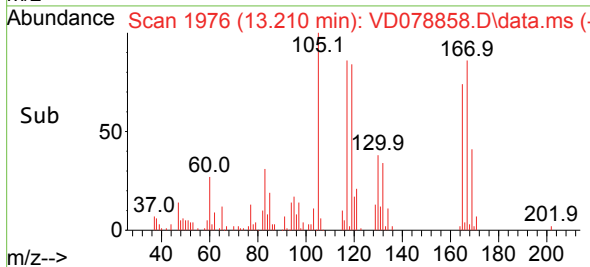
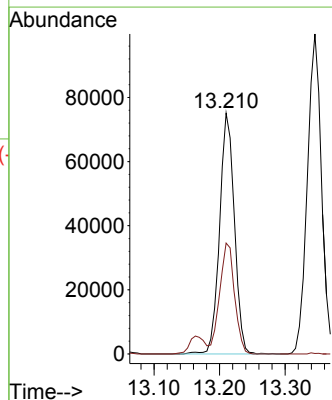
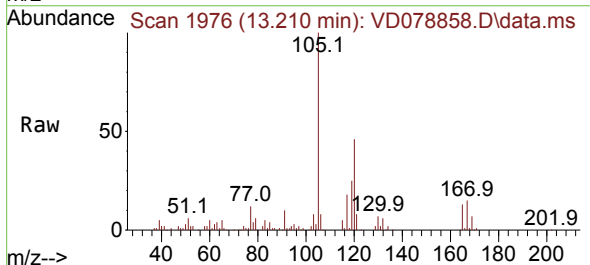
Instrument :
 MSVOA_D
 ClientSampleId :

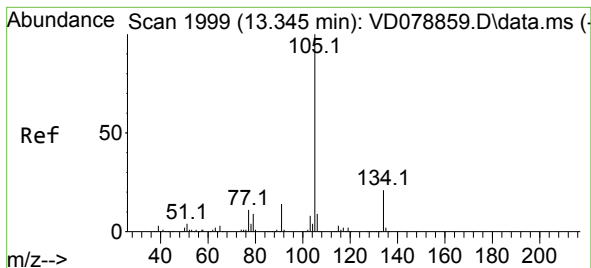
Tgt Ion:119 Resp: 98093
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.9 86.7
 134 26.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.635 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Tgt Ion:105 Resp: 117111
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.612 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

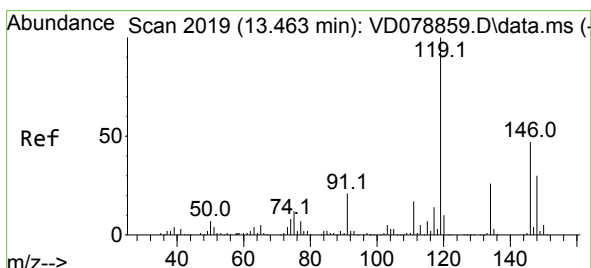
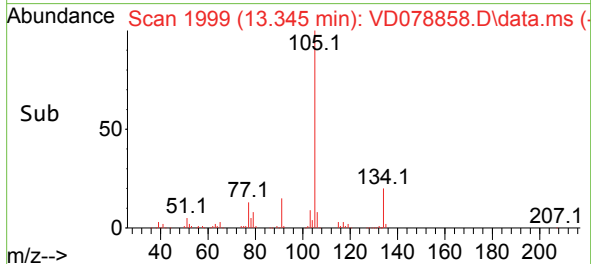
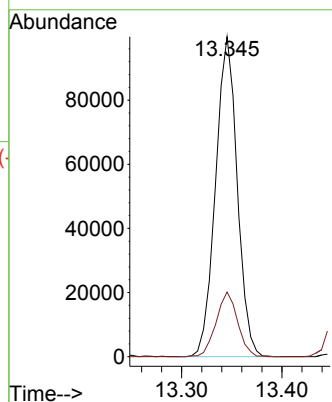
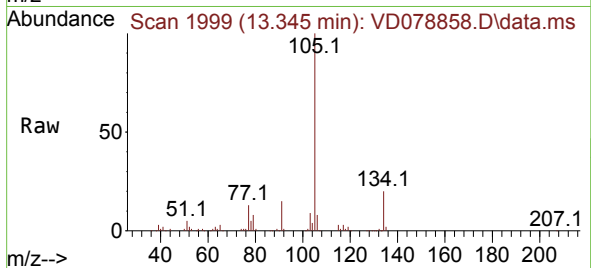
ClientSampleId :

Tgt Ion:105 Resp: 149363

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.080 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

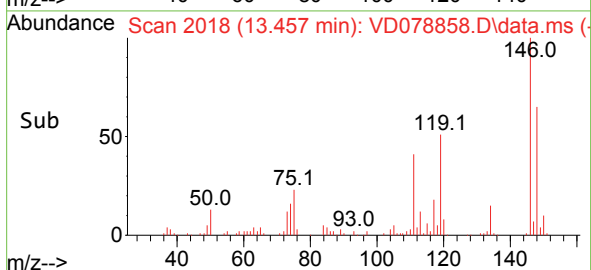
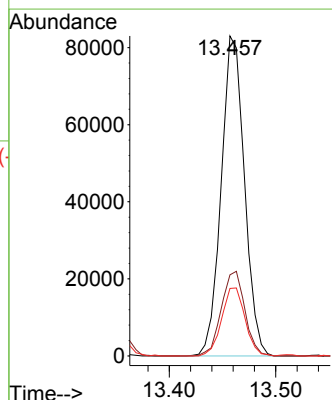
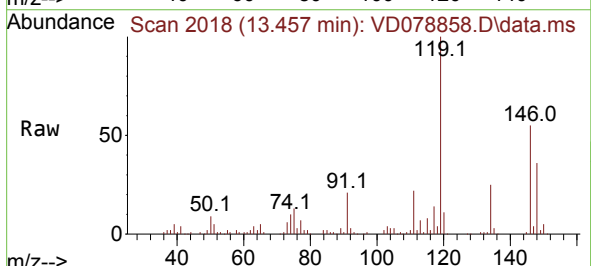
Tgt Ion:119 Resp: 125739

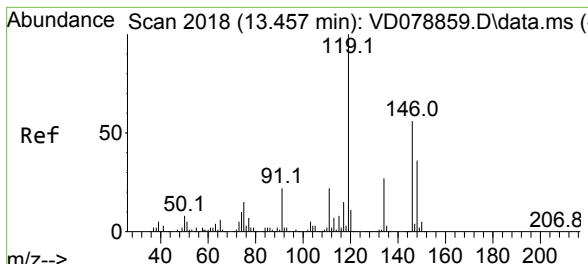
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.4 10.4 31.2

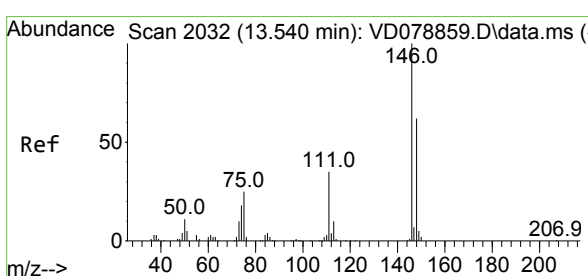
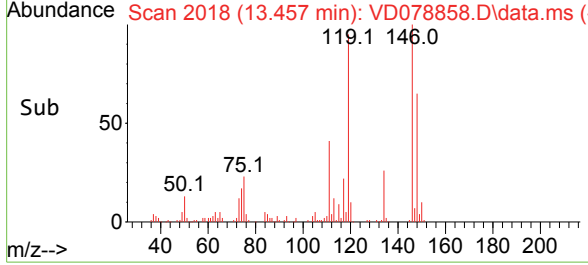
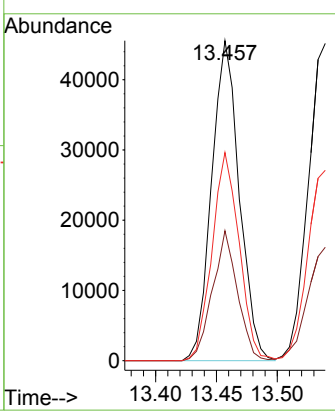
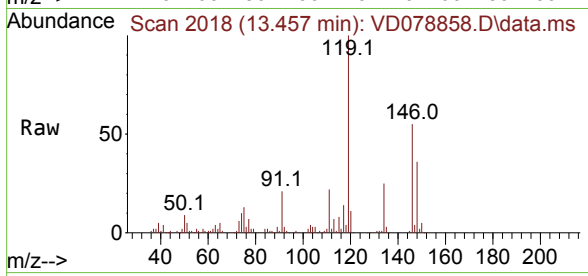




#87
 1,3-Dichlorobenzene
 Concen: 18.099 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

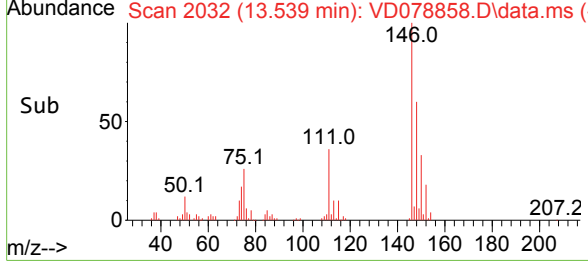
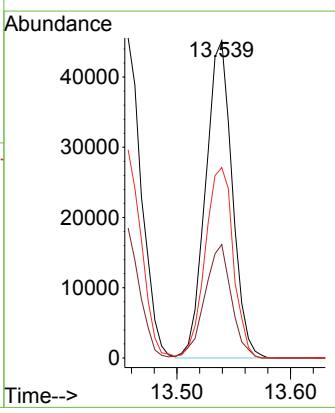
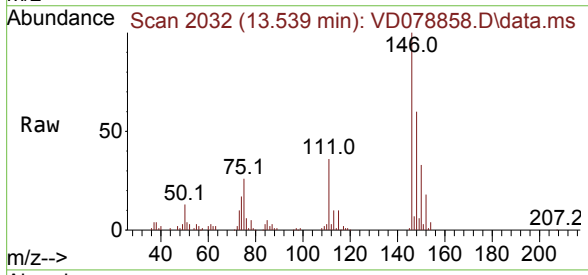
Instrument :
 MSVOA_D
 ClientSampleId :

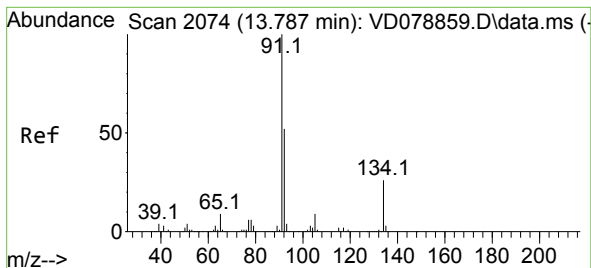
Tgt Ion:	146	Resp:	72000
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.2	54.6
148	63.8	31.1	93.5



#88
 1,4-Dichlorobenzene
 Concen: 18.706 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Tgt Ion:	146	Resp:	73665
Ion Ratio	Lower	Upper	
146	100		
111	35.9	17.8	53.3
148	63.2	32.4	97.0





#89

n-Butylbenzene

Concen: 18.236 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078858.D

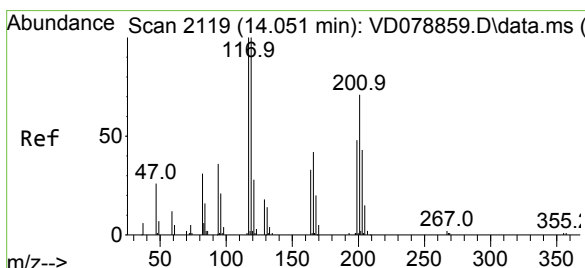
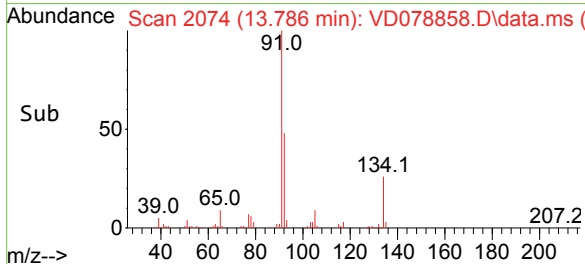
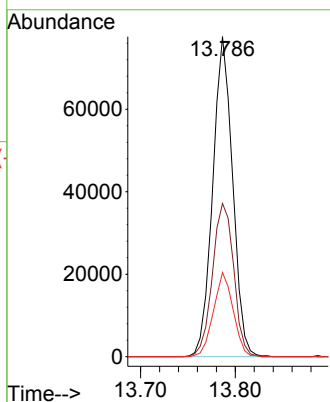
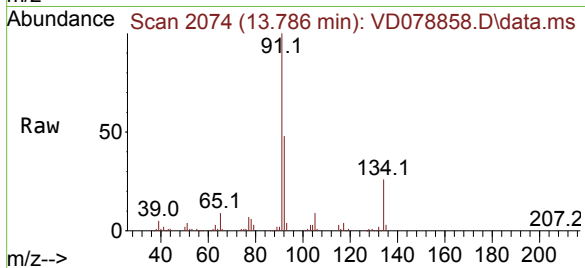
Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	91	Resp:	113066
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.4	79.0
134	26.1	13.0	38.9



#90

Hexachloroethane

Concen: 18.264 ug/l

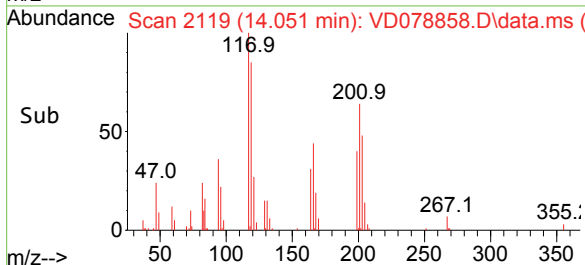
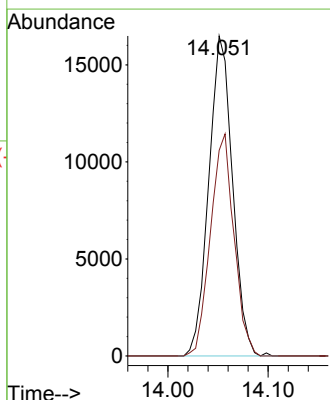
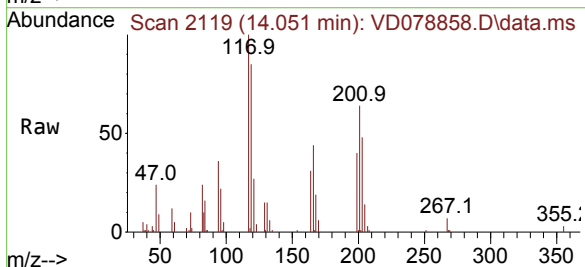
RT: 14.051 min Scan# 2119

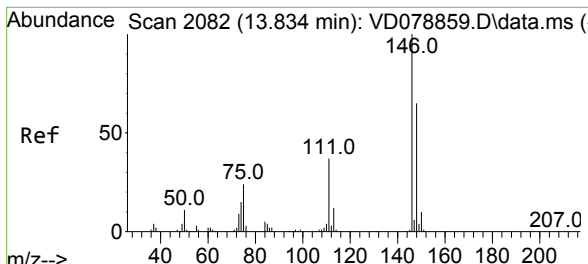
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

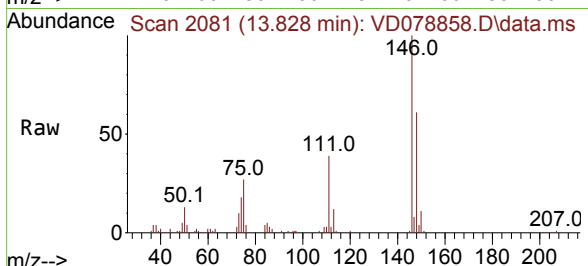
Tgt Ion:	117	Resp:	27174
Ion Ratio	Lower	Upper	
117	100		
201	68.7	36.2	108.6



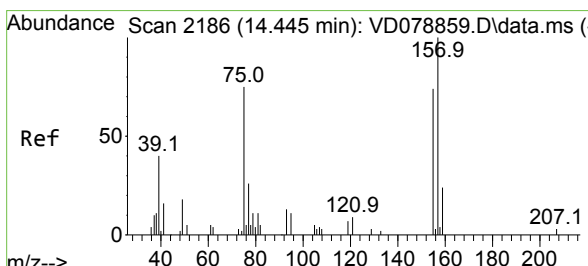
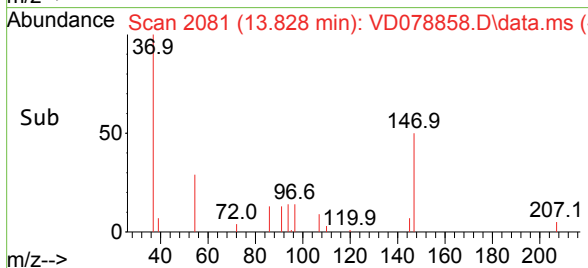
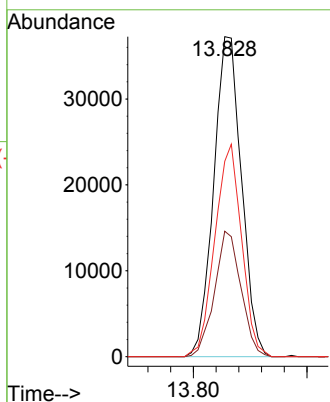


#91
1,2-Dichlorobenzene
Concen: 18.592 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :

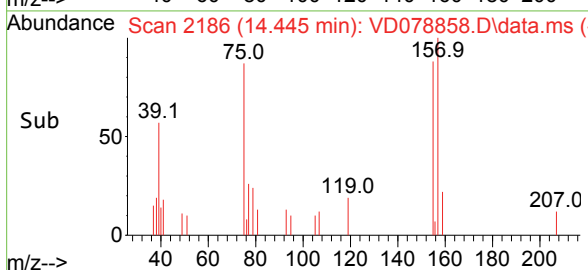
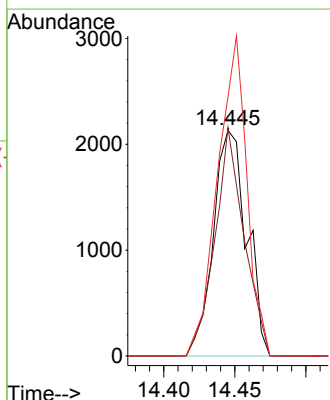
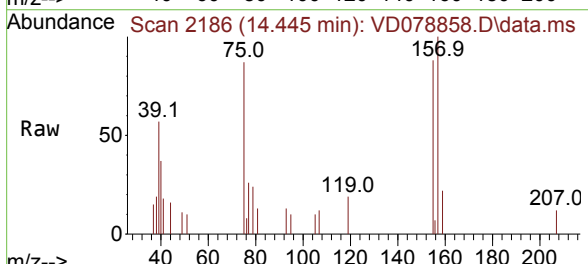


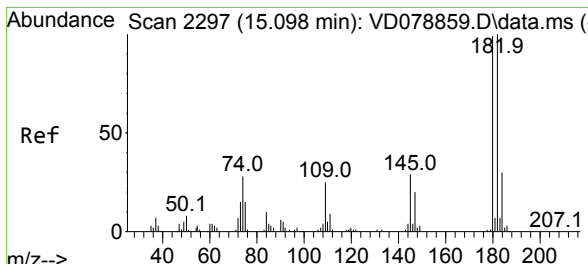
Tgt Ion:146 Resp: 63300
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.495 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

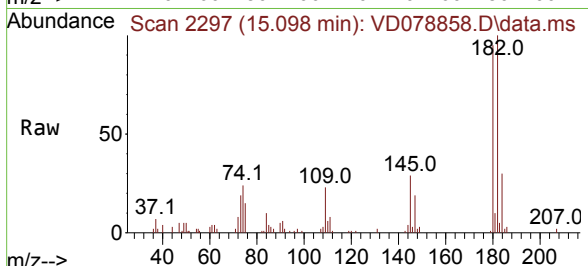
Tgt Ion: 75 Resp: 3488
Ion Ratio Lower Upper
75 100
155 88.2 49.8 149.3
157 124.4 65.5 196.3



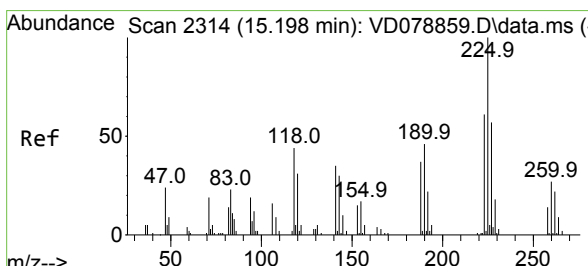
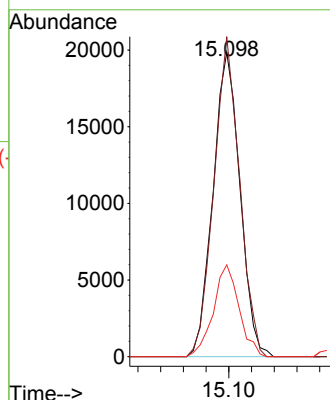
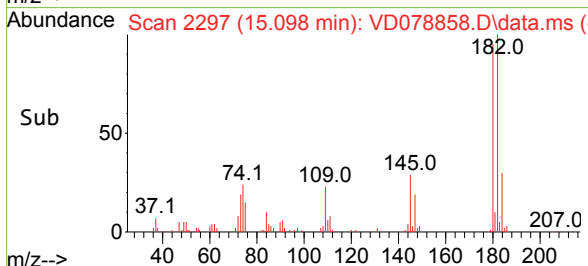


#93
 1,2,4-Trichlorobenzene
 Concen: 17.277 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

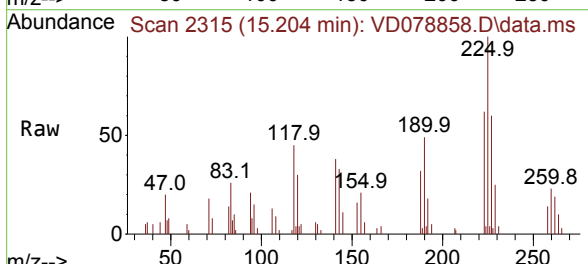
Instrument :
 MSVOA_D
 ClientSampleId :



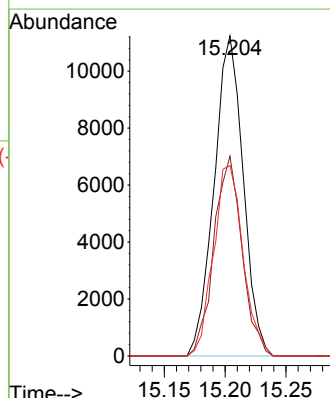
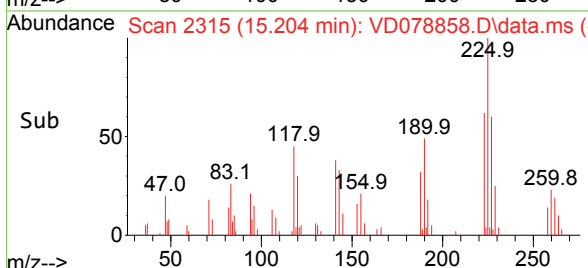
Tgt Ion:180 Resp: 32677
 Ion Ratio Lower Upper
 180 100
 182 100.1 49.7 149.1
 145 28.8 14.6 44.0

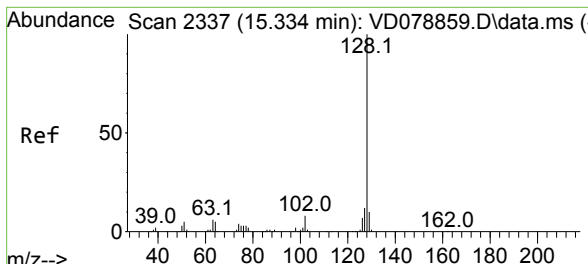


#94
 Hexachlorobutadiene
 Concen: 19.301 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44



Tgt Ion:225 Resp: 18701
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.9 95.7
 227 60.5 32.0 96.0

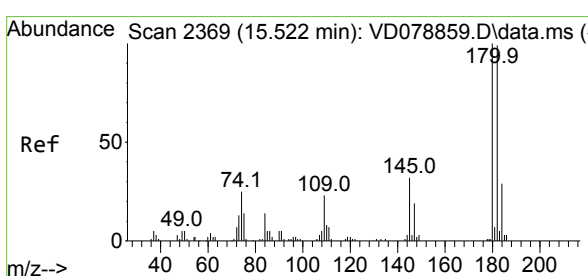
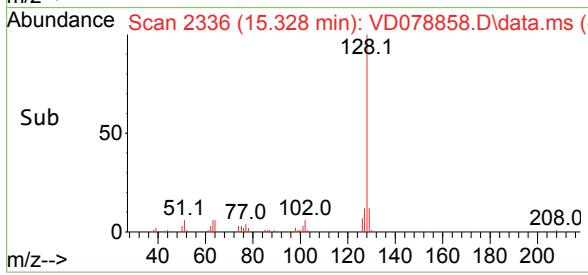
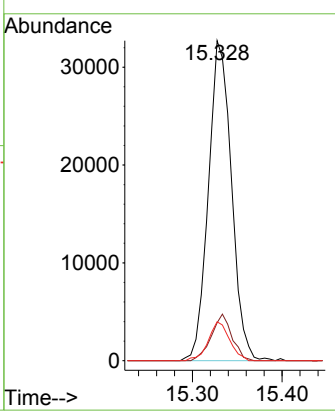
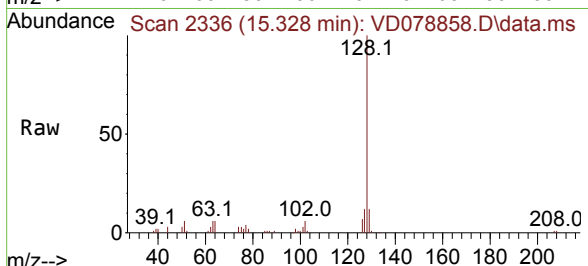




#95
 Naphthalene
 Concen: 17.157 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	58465
Ion Ratio	Lower	Upper	
128	100		
127	11.8	9.3	13.9
129	12.1	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 16.879 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Tgt Ion:	180	Resp:	28282
Ion Ratio	Lower	Upper	
180	100		
182	99.5	46.7	140.1
145	33.9	14.4	43.4

