

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078787.D
 Acq On : 28 Mar 2024 21:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 01:39:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45902	43.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.120%
35) Dibromofluoromethane	7.810	113	55718	44.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.860%
50) Toluene-d8	10.269	98	201220	44.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.569	95	61207	45.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37928	36.241	ug/l	98
3) Chloromethane	2.152	50	64843	39.241	ug/l	96
4) Vinyl Chloride	2.287	62	92117	37.790	ug/l	93
5) Bromomethane	2.699	94	88151	37.770	ug/l	98
6) Chloroethane	2.840	64	76711	40.353	ug/l	97
7) Trichlorofluoromethane	3.181	101	75078	38.932	ug/l	92
8) Diethyl Ether	3.599	74	23325	41.427	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	48851	40.364	ug/l	97
10) Methyl Iodide	4.169	142	61738	43.125	ug/l	99
11) Tert butyl alcohol	5.046	59	4695	99.555	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	45871	39.870	ug/l	87
13) Acrolein	3.793	56	8742	118.334	ug/l	97
14) Allyl chloride	4.558	41	52680	41.036	ug/l	98
15) Acrylonitrile	5.258	53	51987	229.043	ug/l	95
16) Acetone	4.022	43	39803	195.328	ug/l #	87
17) Carbon Disulfide	4.275	76	136195	36.110	ug/l	96
18) Methyl Acetate	4.563	43	23613	53.995	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	104878	45.202	ug/l	97
20) Methylene Chloride	4.810	84	68479	49.215	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	60203	44.347	ug/l	85
22) Diisopropyl ether	6.222	45	138265	47.372	ug/l	94
23) Vinyl Acetate	6.157	43	387995	227.261	ug/l	96
24) 1,1-Dichloroethane	6.116	63	97526	44.568	ug/l	98
25) 2-Butanone	7.081	43	57168	211.013	ug/l	96
26) 2,2-Dichloropropane	7.075	77	76786	41.475	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	68472	44.222	ug/l	100
28) Bromochloromethane	7.428	49	32434	41.574	ug/l	99
29) Tetrahydrofuran	7.452	42	33910	230.124	ug/l	96
30) Chloroform	7.604	83	109658	44.944	ug/l	100
31) Cyclohexane	7.881	56	64093	36.186	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	90445	43.691	ug/l	99
36) 1,1-Dichloropropene	8.016	75	73879	41.063	ug/l	98
37) Ethyl Acetate	7.175	43	25553	43.474	ug/l	94
38) Carbon Tetrachloride	7.993	117	80421	42.399	ug/l	92
39) Methylcyclohexane	9.275	83	80080	38.369	ug/l	99
40) Benzene	8.251	78	239019	43.948	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13195	42.838	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	61651	46.482	ug/l	100
43) Isopropyl Acetate	8.363	43	47892	44.804	ug/l #	75
44) Trichloroethene	9.028	130	64899	43.970	ug/l	93
45) 1,2-Dichloropropane	9.304	63	58220	45.126	ug/l	92
46) Dibromomethane	9.393	93	36396	47.060	ug/l	95
47) Bromodichloromethane	9.587	83	86119	46.775	ug/l	91
48) Methyl methacrylate	9.381	41	23807	45.709	ug/l	96
49) 1,4-Dioxane	9.387	88	5955	831.613	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	129203	231.205	ug/l	100
52) Toluene	10.334	92	156338	44.649	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	74658	44.351	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	93781	46.343	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	49156	47.463	ug/l	94
56) Ethyl methacrylate	10.598	69	49454	47.633	ug/l	95
57) 1,3-Dichloropropane	10.881	76	76546	45.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	132254	288.891	ug/l	100
59) 2-Hexanone	10.922	43	91190	220.127	ug/l	99
60) Dibromochloromethane	11.075	129	58944	46.151	ug/l	100
61) 1,2-Dibromoethane	11.181	107	44421	44.320	ug/l	98
64) Tetrachloroethene	10.810	164	54606	43.967	ug/l	94
65) Chlorobenzene	11.604	112	169748	43.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	65801	45.813	ug/l	98
67) Ethyl Benzene	11.681	91	296163	44.315	ug/l	100
68) m/p-Xylenes	11.792	106	244906	90.244	ug/l	97
69) o-Xylene	12.122	106	112752	44.905	ug/l	99
70) Styrene	12.134	104	197639	46.896	ug/l	99
71) Bromoform	12.298	173	35654	45.934	ug/l #	98
73) Isopropylbenzene	12.422	105	282251	40.842	ug/l	99
74) N-amyl acetate	12.234	43	44599	39.749	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	53258	41.630	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	62365	77.121	ug/l #	100
77) Bromobenzene	12.704	156	72701	42.420	ug/l	98
78) n-propylbenzene	12.763	91	347575	41.319	ug/l	99
79) 2-Chlorotoluene	12.851	91	189958	41.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	244067	42.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	15733	40.782	ug/l	97
82) 4-Chlorotoluene	12.945	91	200637	41.106	ug/l	97
83) tert-Butylbenzene	13.163	119	207539	42.117	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	248353	43.123	ug/l	97
85) sec-Butylbenzene	13.345	105	313465	42.036	ug/l	99
86) p-Isopropyltoluene	13.457	119	272643	42.709	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	152524	42.173	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	154075	43.227	ug/l	97
89) n-Butylbenzene	13.786	91	244629	42.431	ug/l	98
90) Hexachloroethane	14.057	117	54845	41.521	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	133099	42.730	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6488	37.911	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	76124	41.875	ug/l	99
94) Hexachlorobutadiene	15.204	225	40670	41.324	ug/l	99
95) Naphthalene	15.333	128	132559	41.941	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	67284	42.783	ug/l	95

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QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

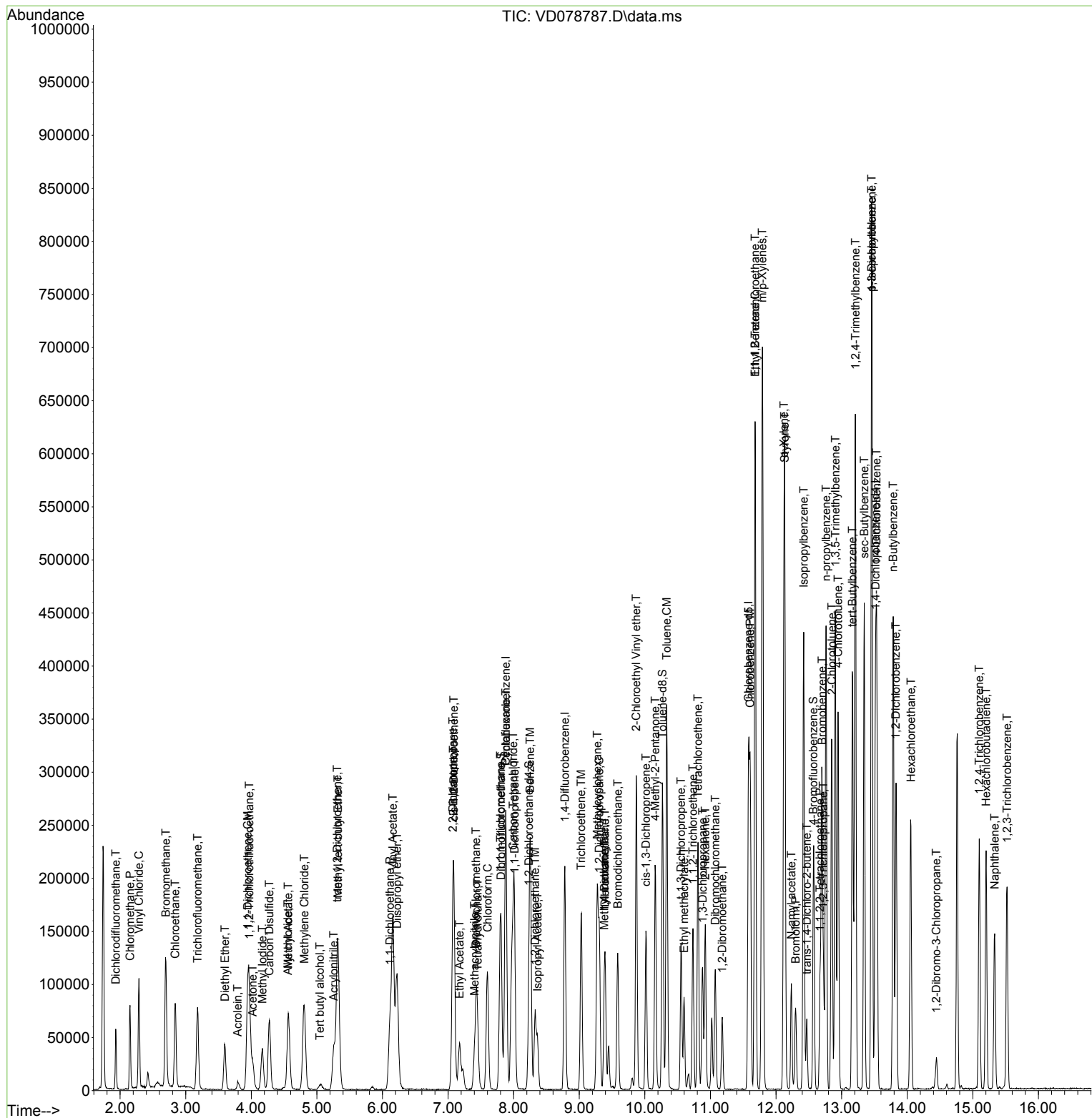
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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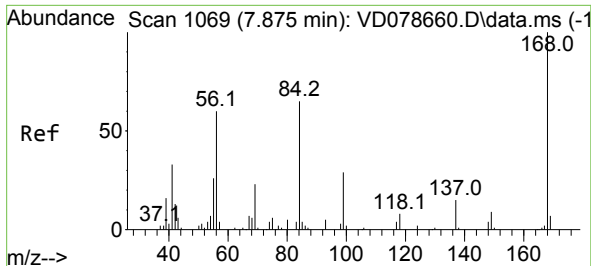
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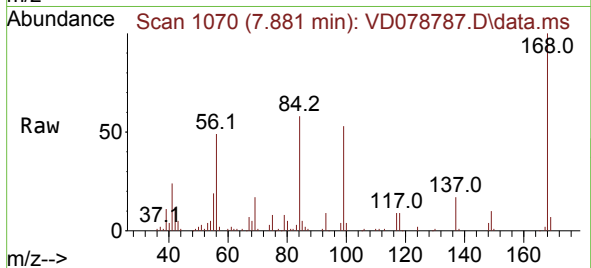
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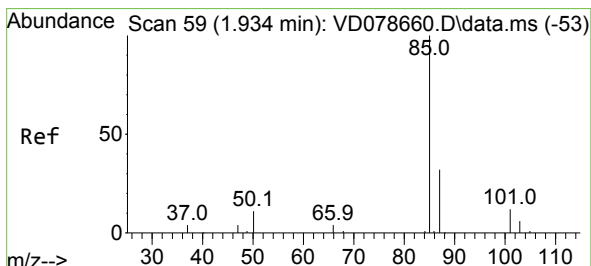
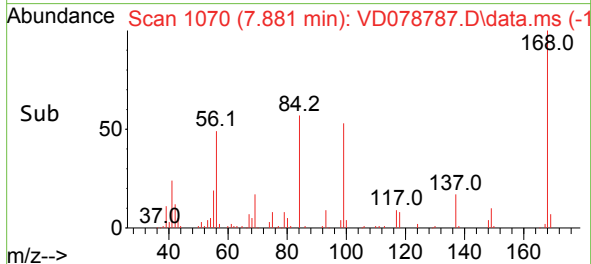
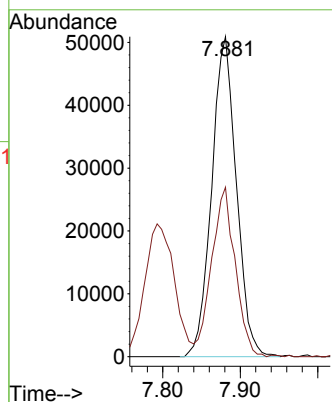


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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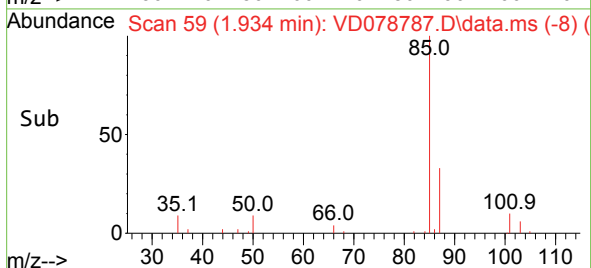
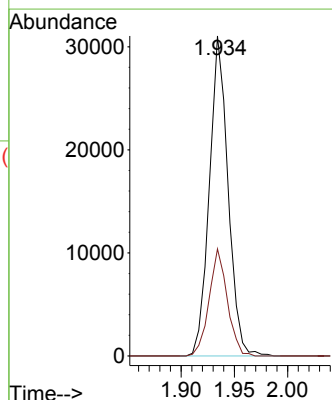
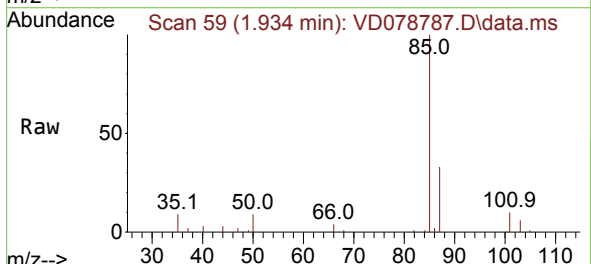


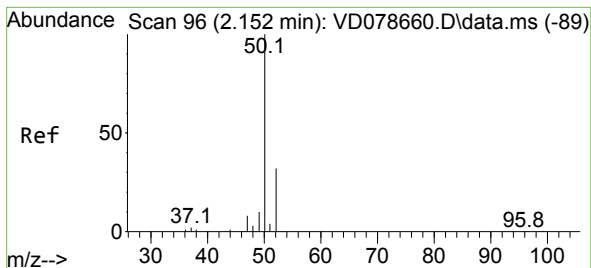
Tgt Ion:168 Resp: 112445
Ion Ratio Lower Upper
168 100
99 52.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 36.241 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 85 Resp: 37928
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.5





#3

Chloromethane

Concen: 39.241 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

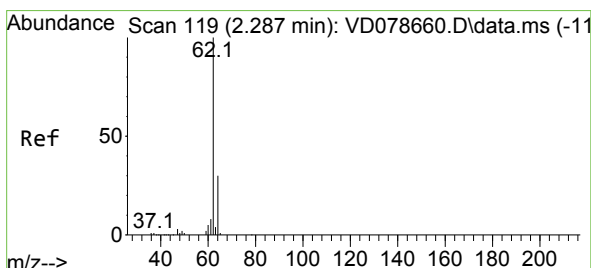
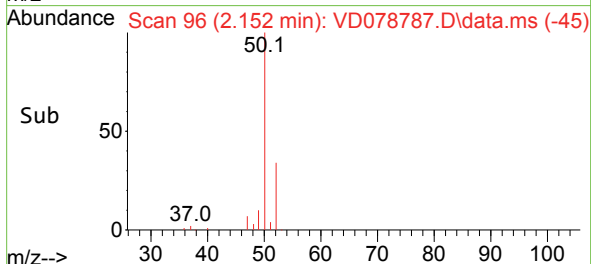
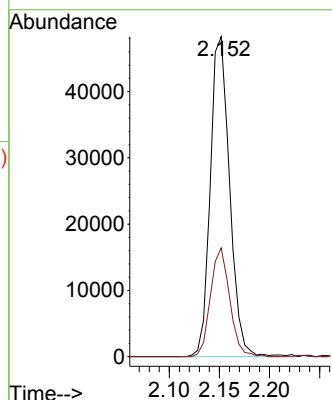
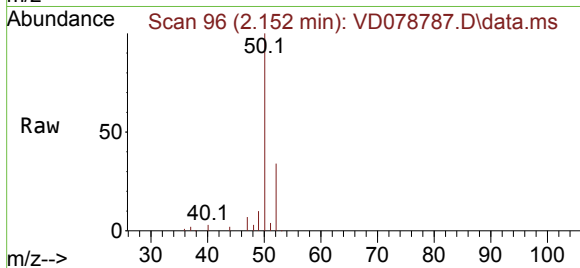
VSTDCCC050EC

Tgt Ion: 50 Resp: 64843

Ion Ratio Lower Upper

50 100

52 34.0 25.6 38.4



#4

Vinyl Chloride

Concen: 37.790 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078787.D

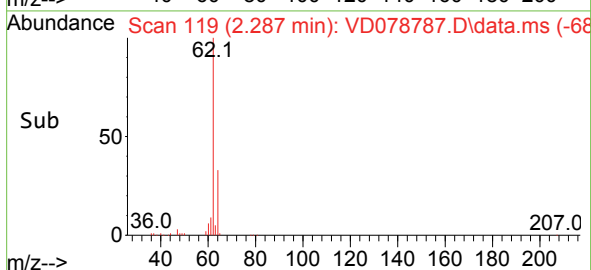
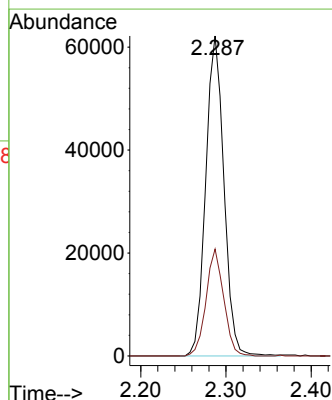
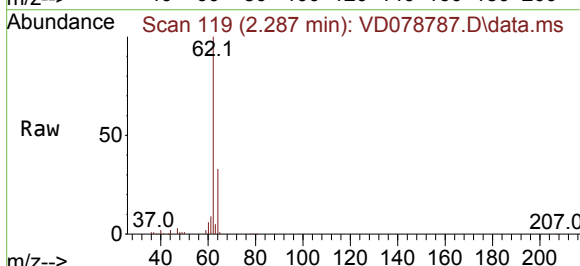
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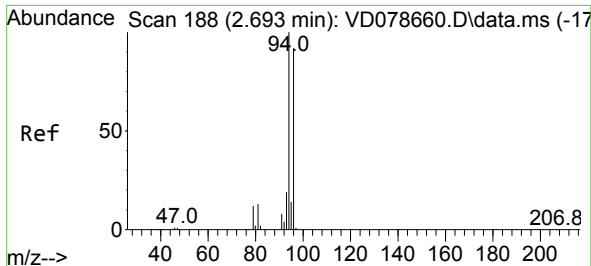
Tgt Ion: 62 Resp: 92117

Ion Ratio Lower Upper

62 100

64 33.4 23.7 35.5

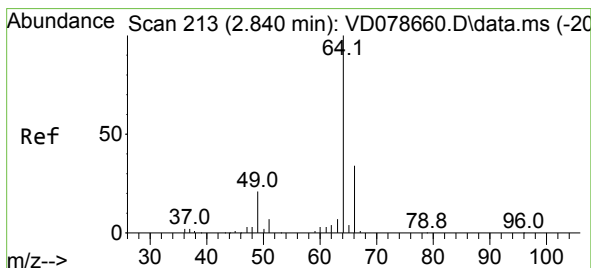
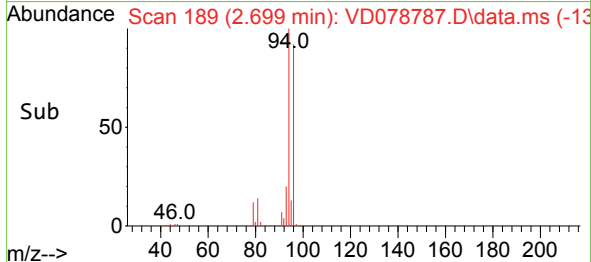
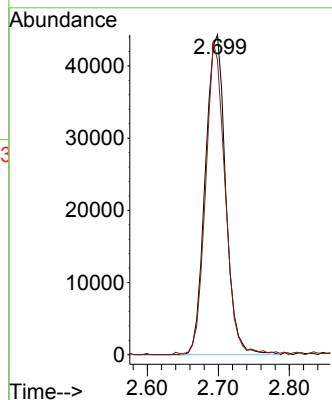
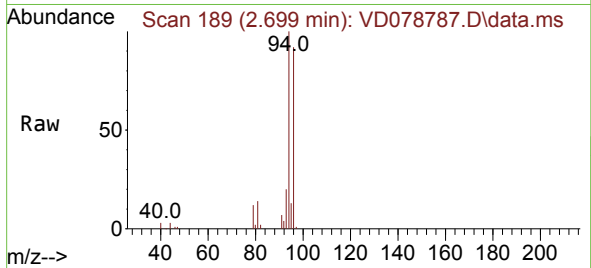




#5
Bromomethane
Concen: 37.770 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078787.D
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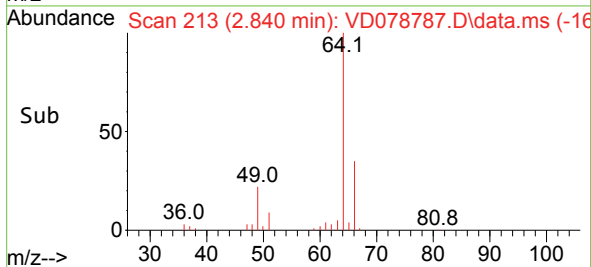
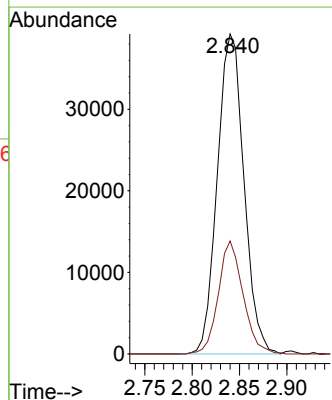
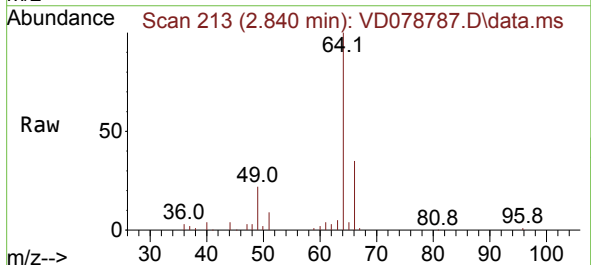
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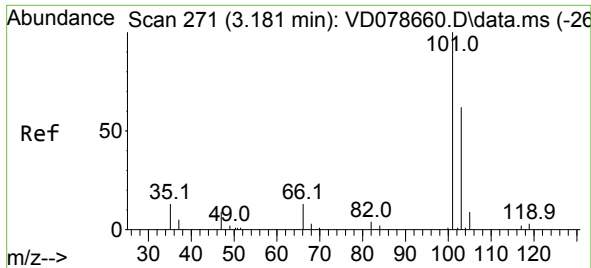
Tgt Ion: 94 Resp: 88151
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3



#6
Chloroethane
Concen: 40.353 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 64 Resp: 76711
Ion Ratio Lower Upper
64 100
66 35.3 26.8 40.2

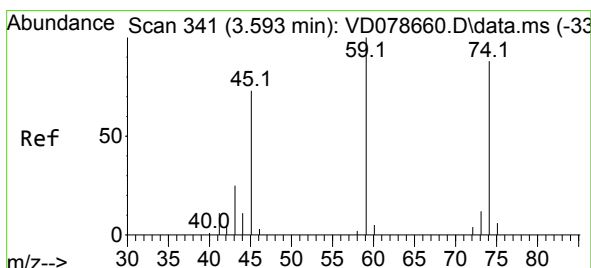
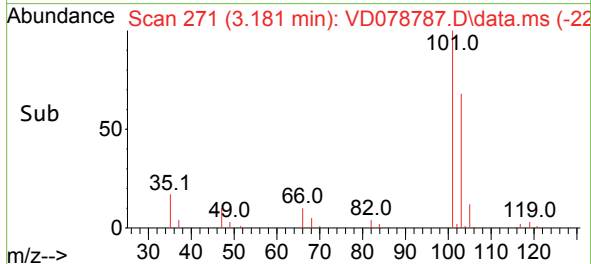
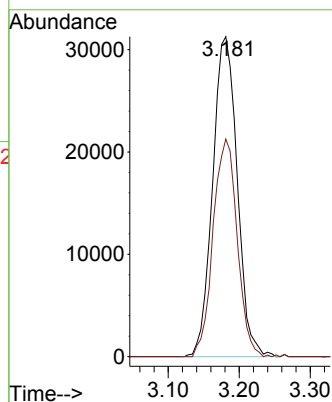
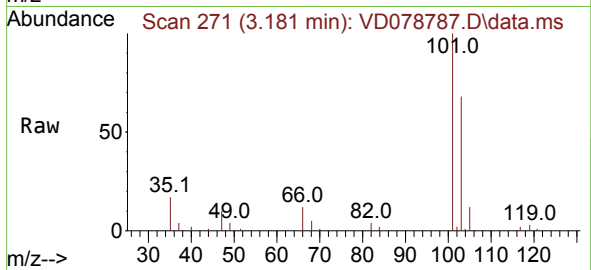




#7
 Trichlorofluoromethane
 Concen: 38.932 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

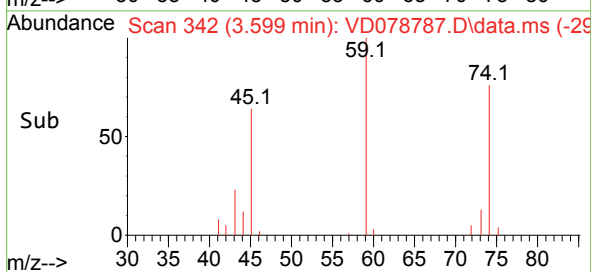
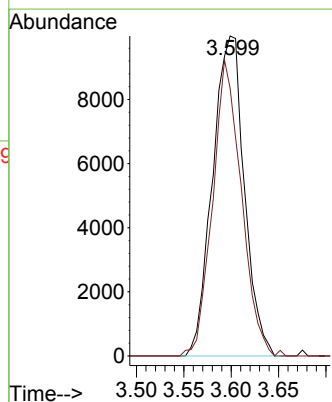
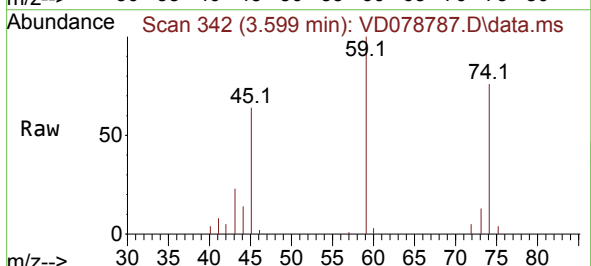
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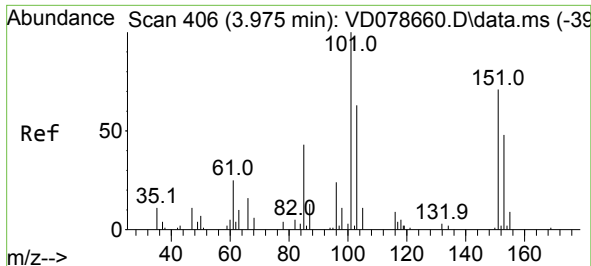
Tgt Ion:101 Resp: 75078
 Ion Ratio Lower Upper
 101 100
 103 68.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 41.427 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

Tgt Ion: 74 Resp: 23325
 Ion Ratio Lower Upper
 74 100
 45 83.6 42.4 127.3

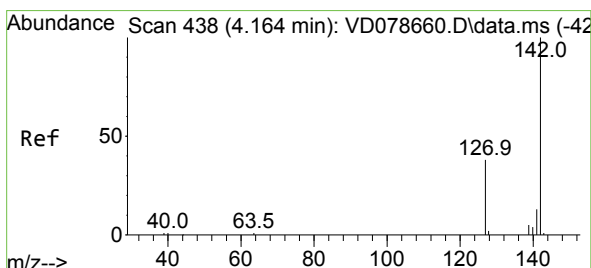
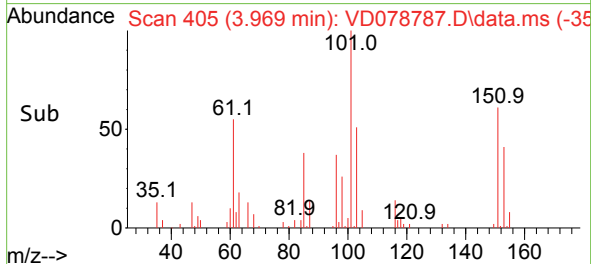
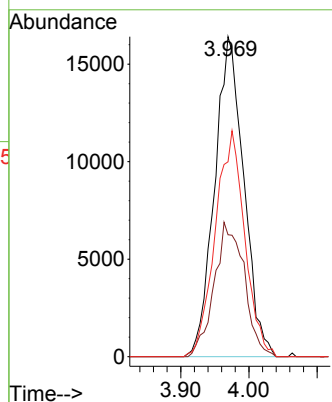
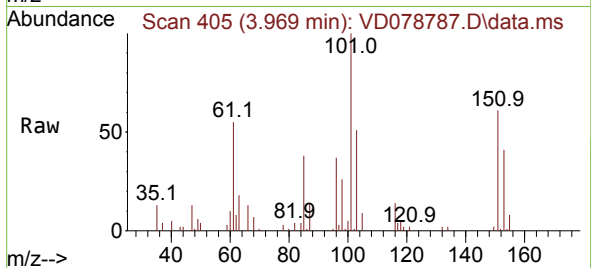




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.364 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

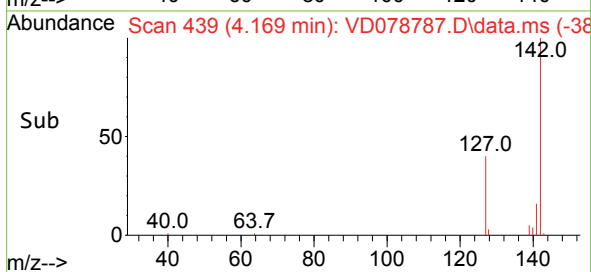
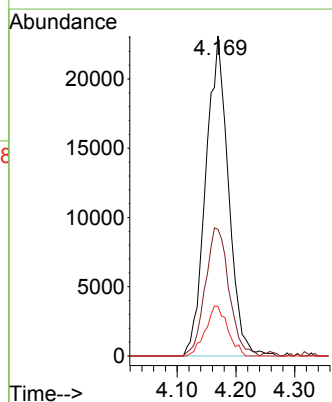
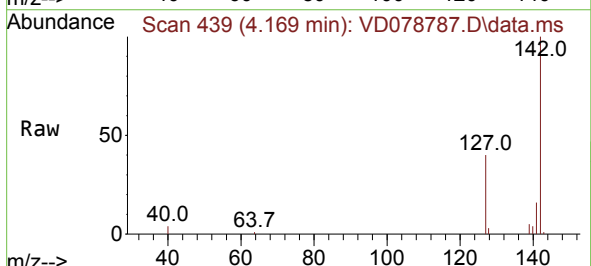
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

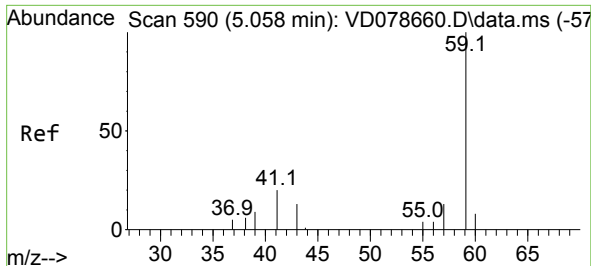
Tgt Ion:101 Resp: 48851
Ion Ratio Lower Upper
101 100
85 43.0 35.8 53.6
151 71.2 59.4 89.2



#10
Methyl Iodide
Concen: 43.125 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:142 Resp: 61738
Ion Ratio Lower Upper
142 100
127 42.0 33.5 50.3
141 15.4 11.7 17.5

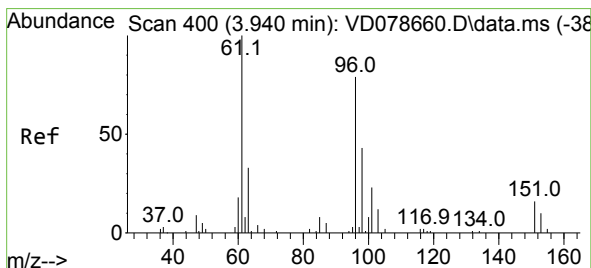
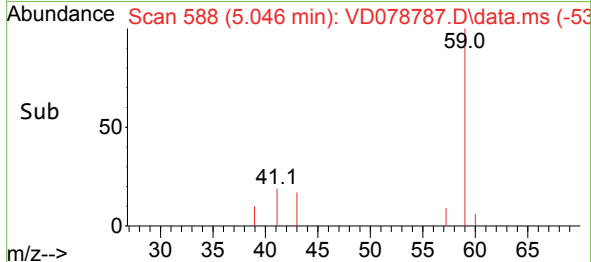
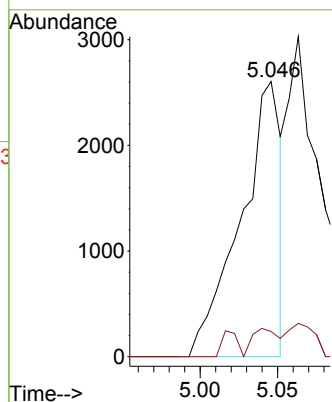
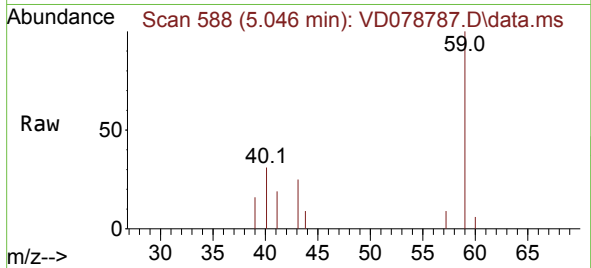




#11
Tert butyl alcohol
Concen: 99.555 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

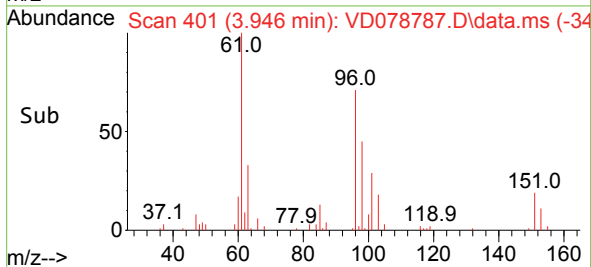
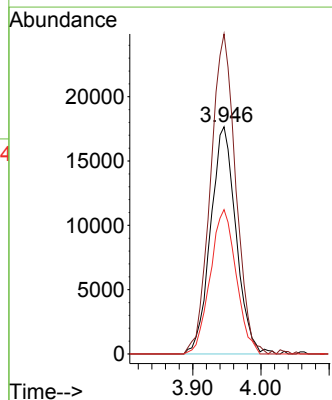
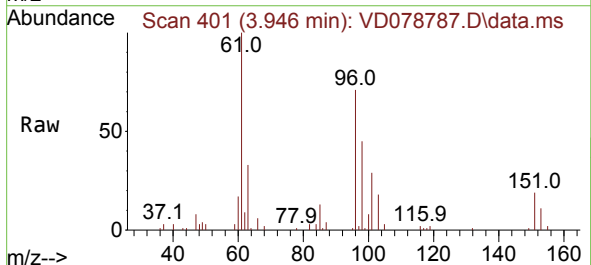
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

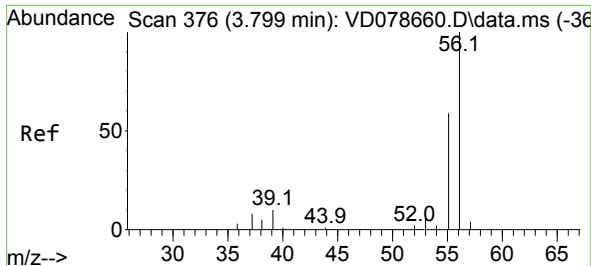
Tgt Ion: 59 Resp: 4695
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 39.870 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 96 Resp: 45871
Ion Ratio Lower Upper
96 100
61 140.9 101.4 152.0
98 63.5 43.4 65.0

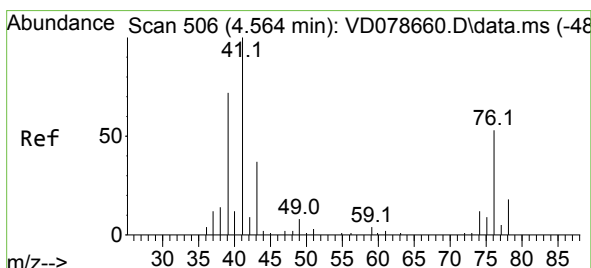
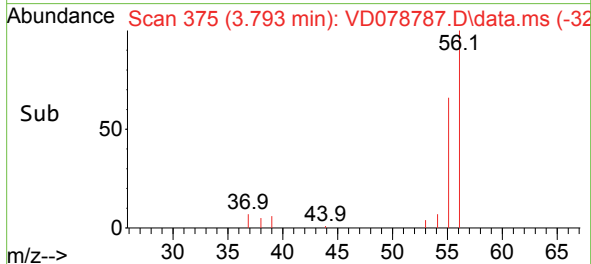
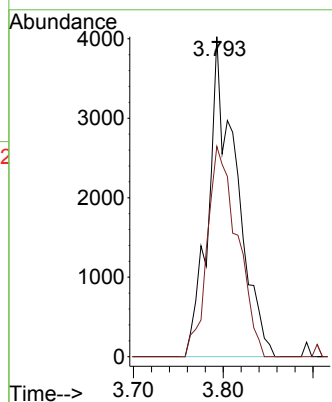
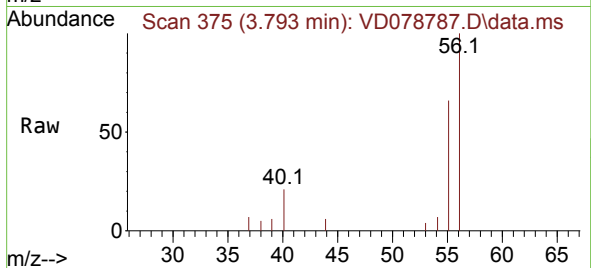




#13
Acrolein
Concen: 118.334 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

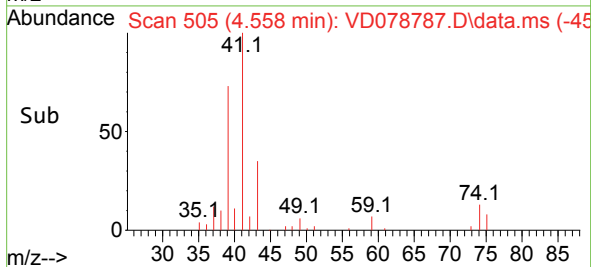
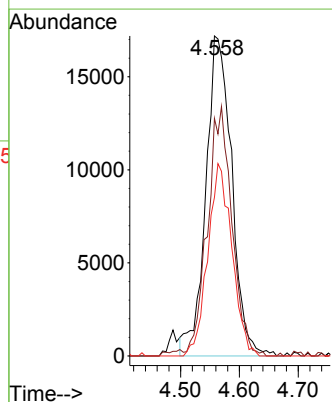
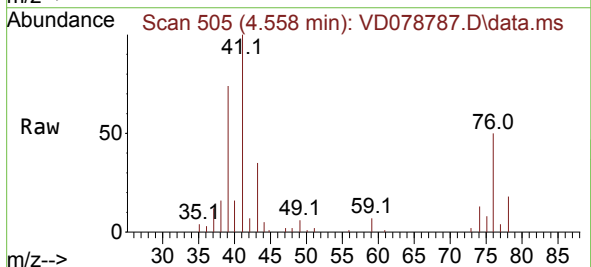
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

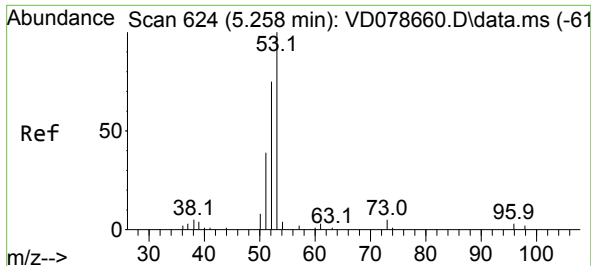
Tgt Ion: 56 Resp: 8742
Ion Ratio Lower Upper
56 100
55 70.8 54.9 82.3



#14
Allyl chloride
Concen: 41.036 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 41 Resp: 52680
Ion Ratio Lower Upper
41 100
39 74.8 57.8 86.6
76 55.9 44.8 67.2

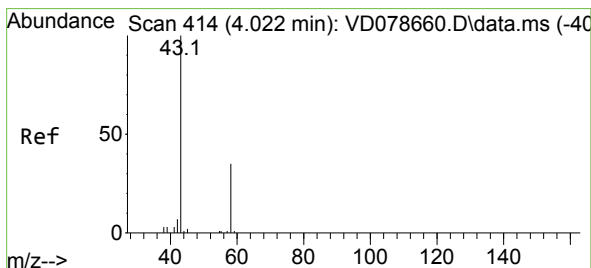
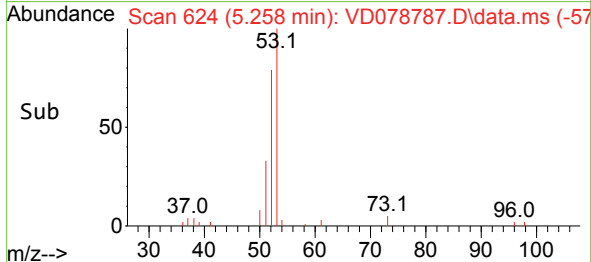
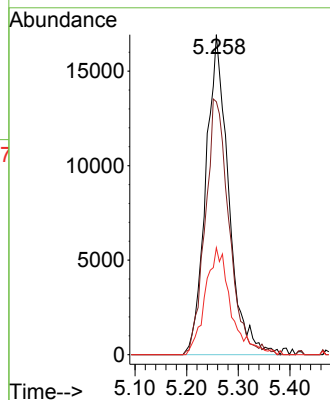
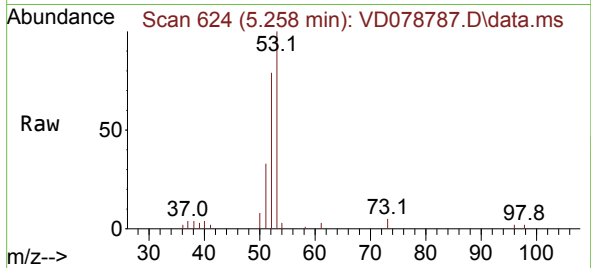




#15
Acrylonitrile
Concen: 229.043 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

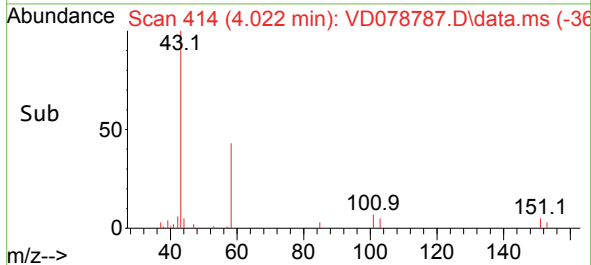
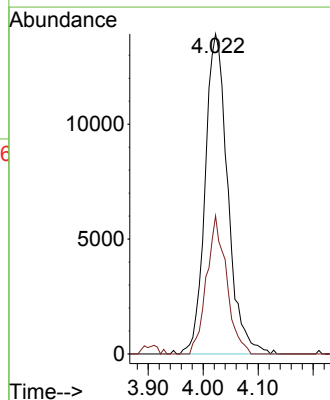
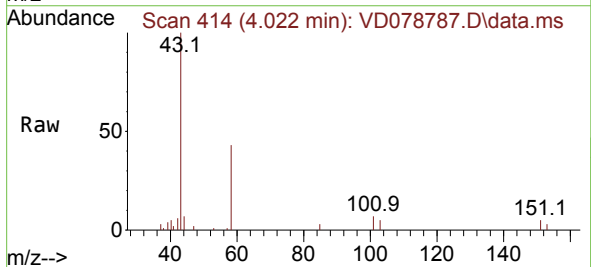
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

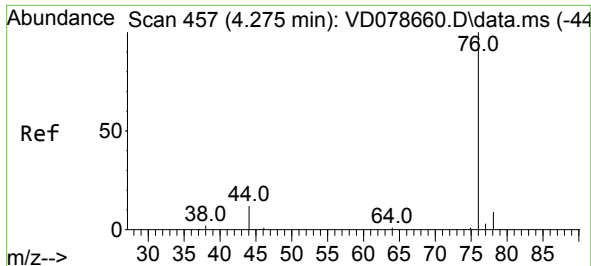
Tgt Ion:	53	Resp:	51987
Ion	Ratio	Lower	Upper
53	100		
52	82.3	61.9	92.9
51	37.6	29.0	43.4



#16
Acetone
Concen: 195.328 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:	43	Resp:	39803
Ion	Ratio	Lower	Upper
43	100		
58	43.2	28.2	42.4#

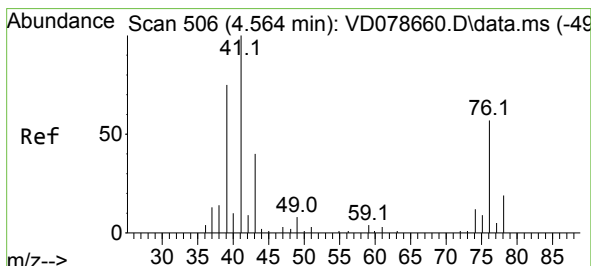
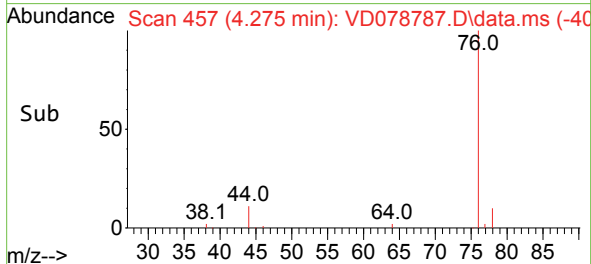
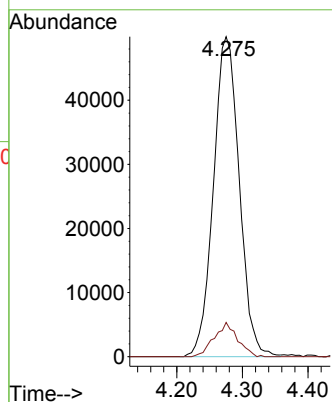
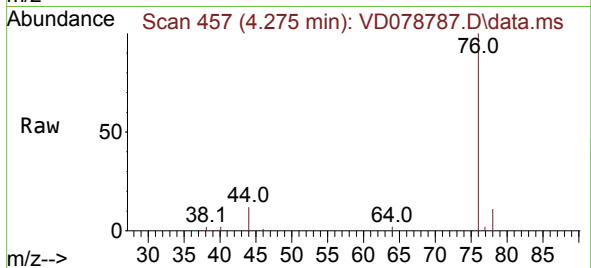




#17
Carbon Disulfide
Concen: 36.110 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

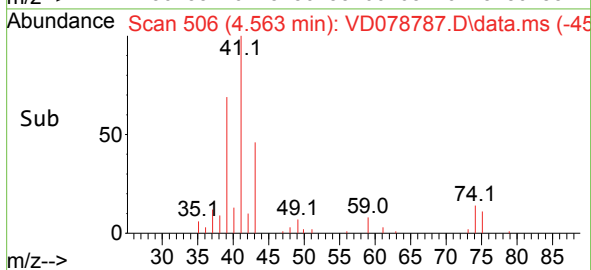
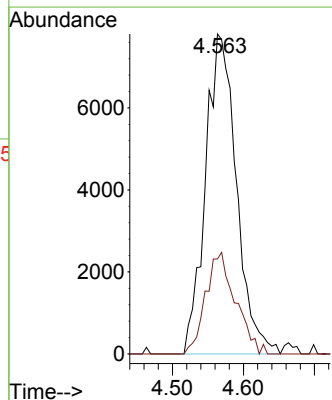
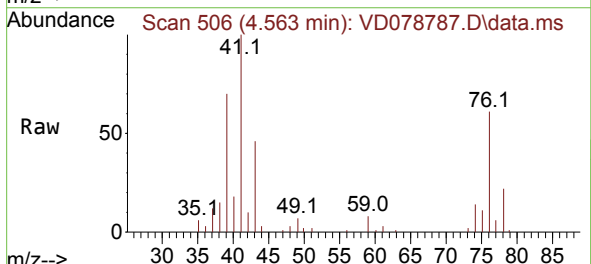
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

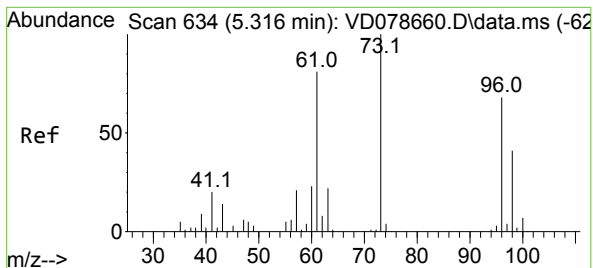
Tgt Ion: 76 Resp: 136195
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9



#18
Methyl Acetate
Concen: 53.995 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 43 Resp: 23613
Ion Ratio Lower Upper
43 100
74 30.6 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 45.202 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

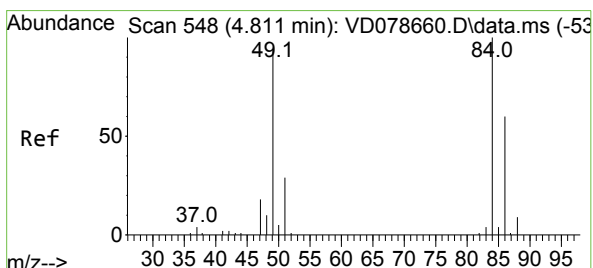
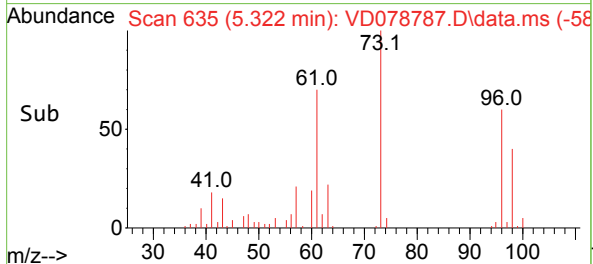
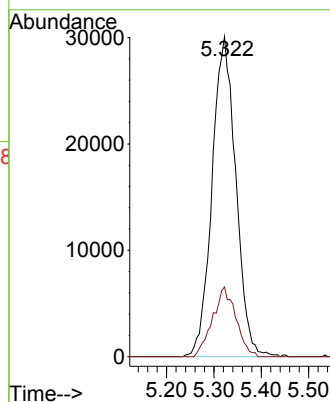
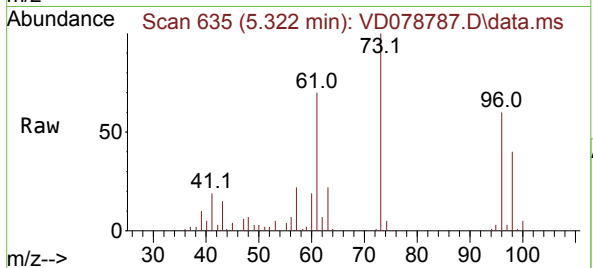
VSTDCCC050EC

Tgt Ion: 73 Resp: 104878

Ion Ratio Lower Upper

73 100

57 21.8 16.4 24.6



#20

Methylene Chloride

Concen: 49.215 ug/l

RT: 4.810 min Scan# 548

Delta R.T. -0.001 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Tgt Ion: 84 Resp: 68479

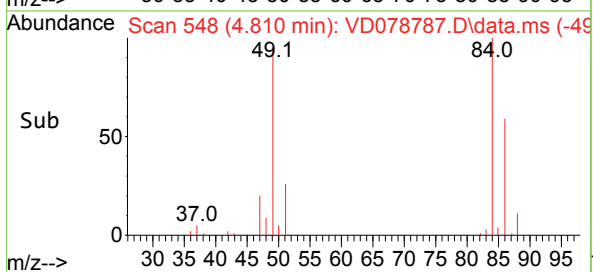
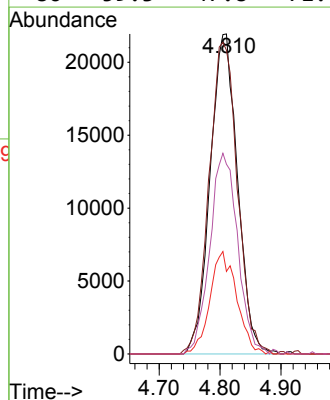
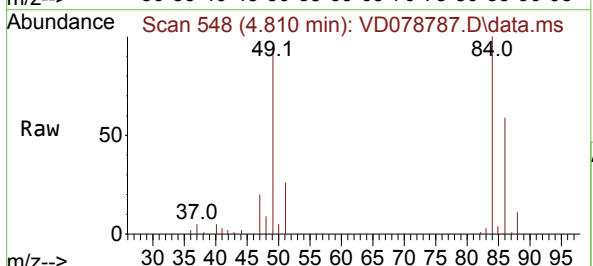
Ion Ratio Lower Upper

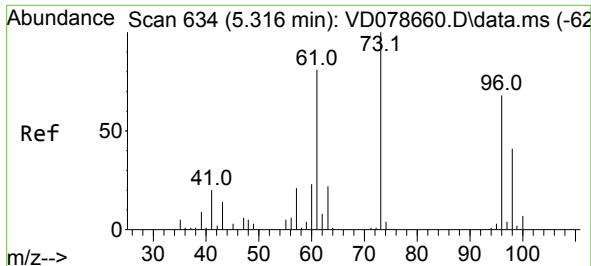
84 100

49 95.0 75.6 113.4

51 25.8 23.4 35.0

86 59.3 47.8 71.6

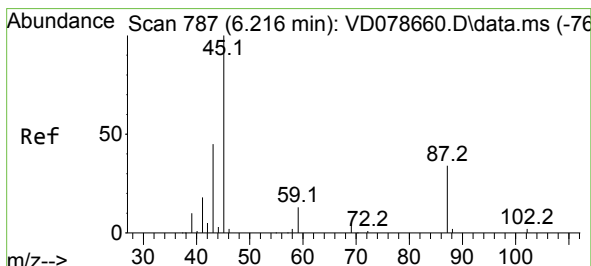
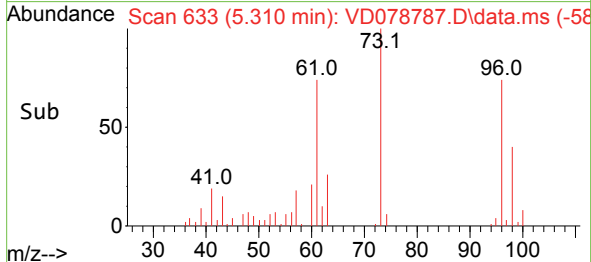
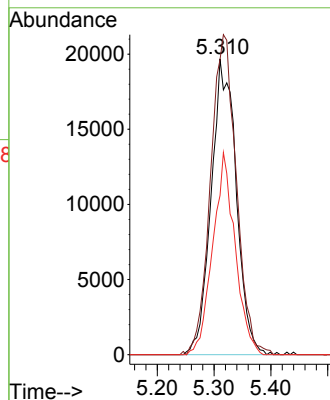
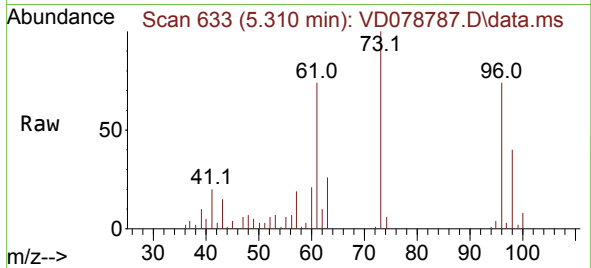




#21
trans-1,2-Dichloroethene
Concen: 44.347 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

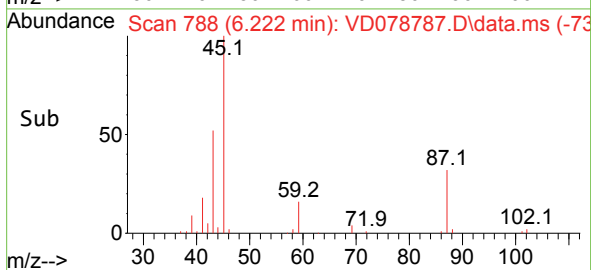
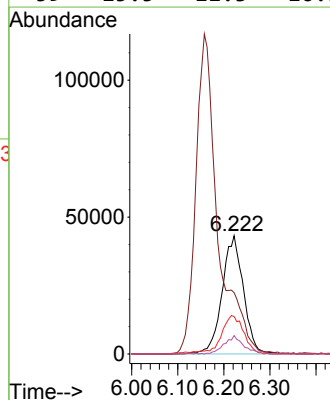
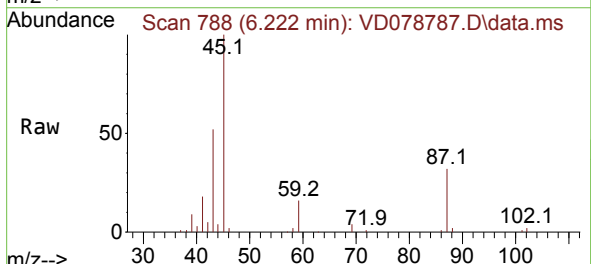
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

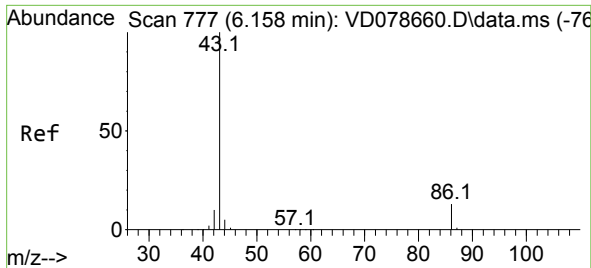
Tgt Ion: 96 Resp: 60203
Ion Ratio Lower Upper
96 100
61 99.8 96.1 144.1
98 53.8 48.9 73.3



#22
Diisopropyl ether
Concen: 47.372 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 45 Resp: 138265
Ion Ratio Lower Upper
45 100
43 51.1 44.3 66.5
87 31.7 28.3 42.5
59 15.5 11.3 16.9

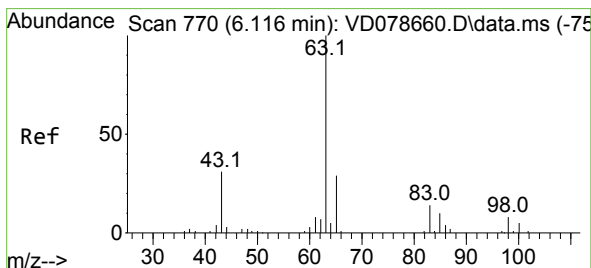
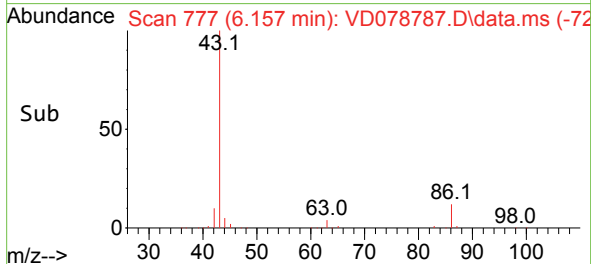
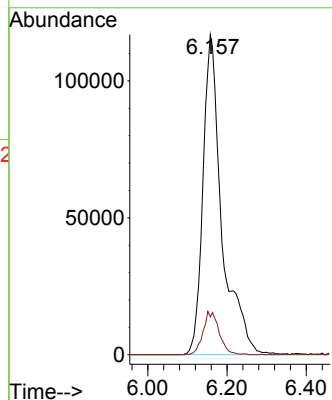
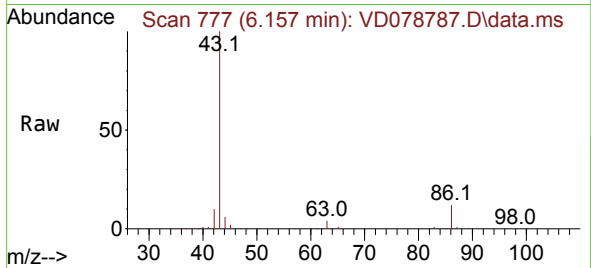




#23
 Vinyl Acetate
 Concen: 227.261 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

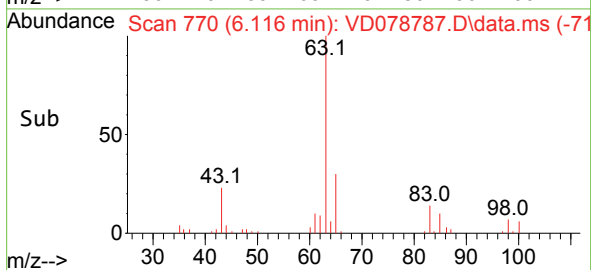
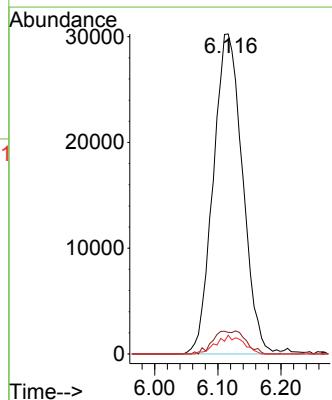
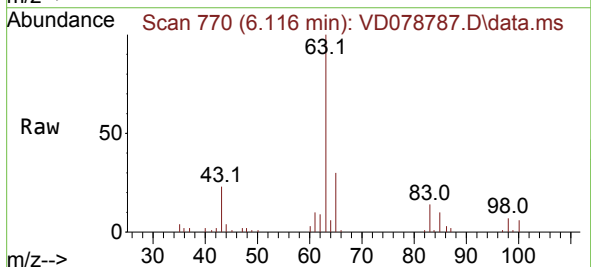
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

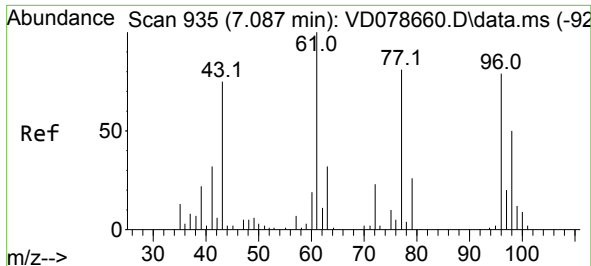
Tgt Ion: 43 Resp: 387995
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 44.568 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

Tgt Ion: 63 Resp: 97526
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 11.9
 100 5.8 2.7 8.1

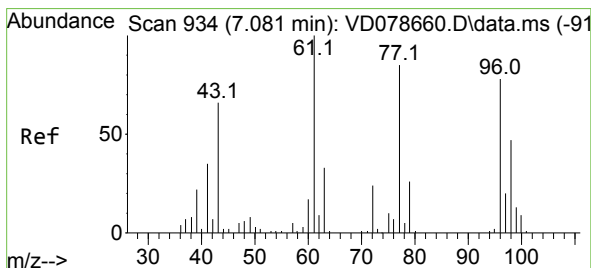
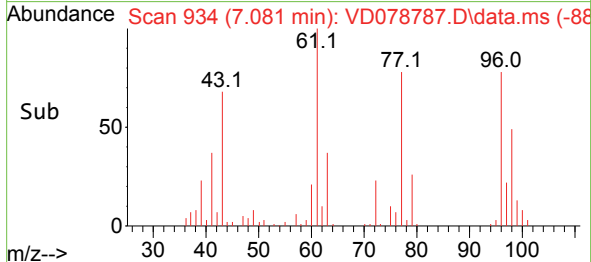
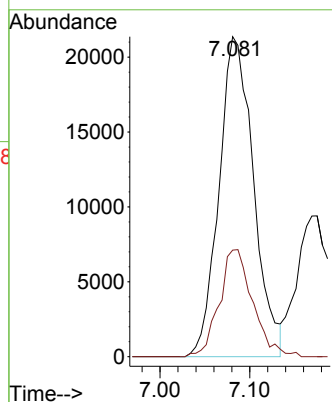
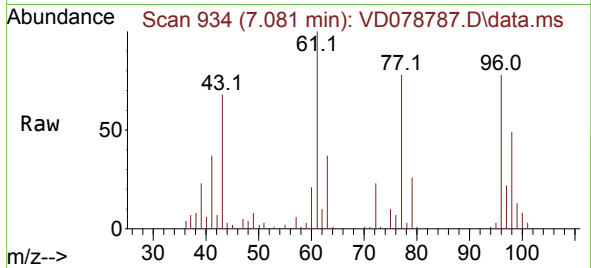




#25
2-Butanone
Concen: 211.013 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

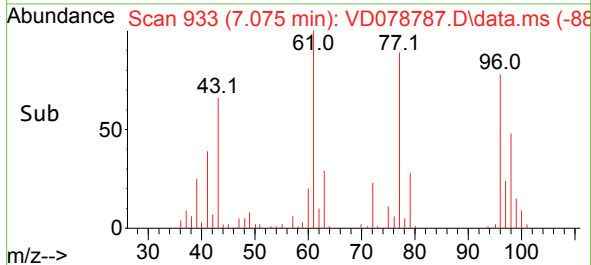
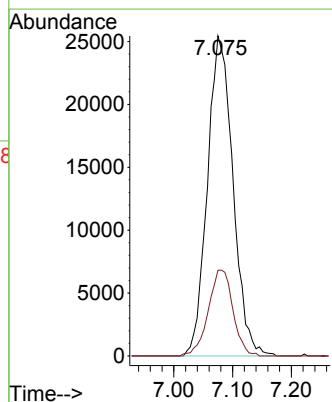
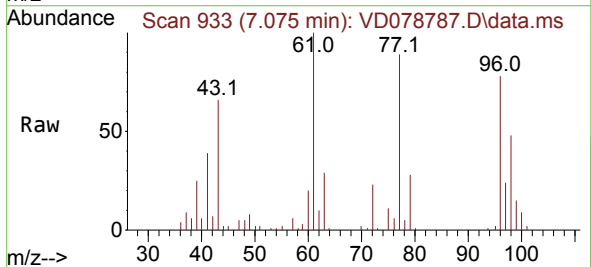
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

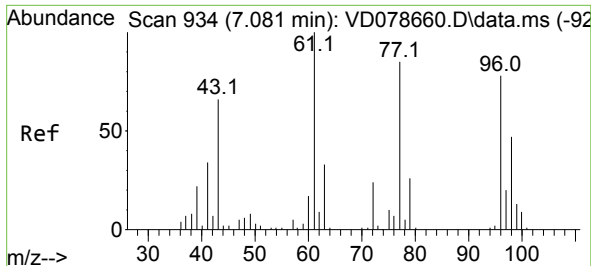
Tgt Ion: 43 Resp: 57168
Ion Ratio Lower Upper
43 100
72 33.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 41.475 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 77 Resp: 76786
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 44.222 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

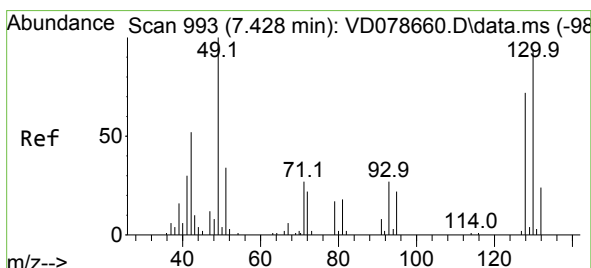
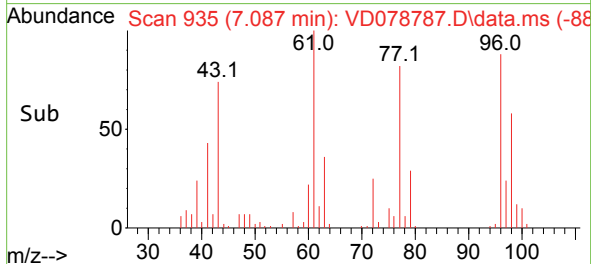
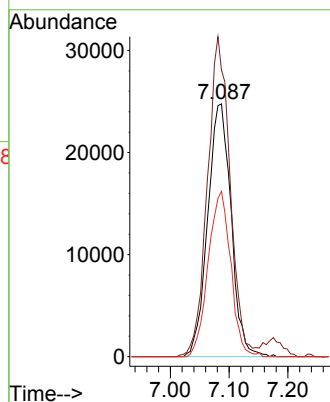
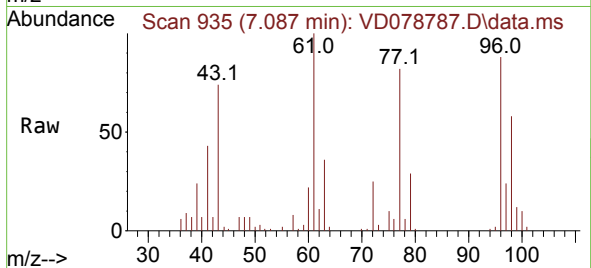
Tgt Ion: 96 Resp: 68472

Ion Ratio Lower Upper

96 100

61 122.0 0.0 245.0

98 63.1 0.0 126.6



#28

Bromochloromethane

Concen: 41.574 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

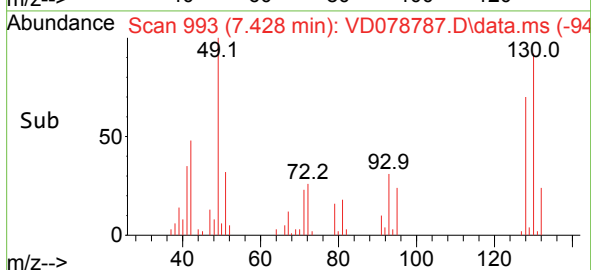
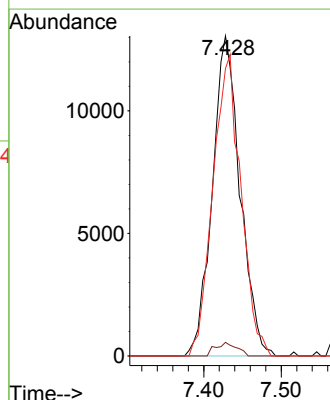
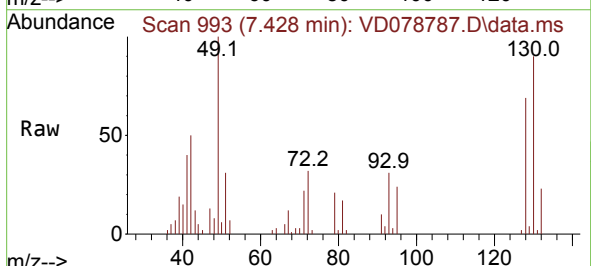
Tgt Ion: 49 Resp: 32434

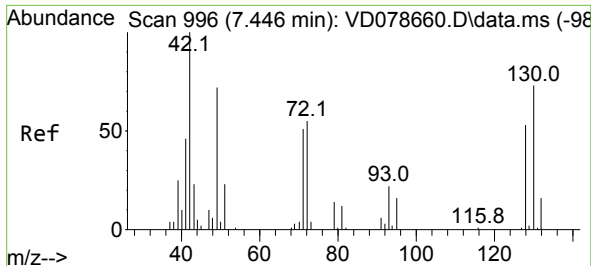
Ion Ratio Lower Upper

49 100

129 3.2 0.0 6.2

130 95.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 230.124 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

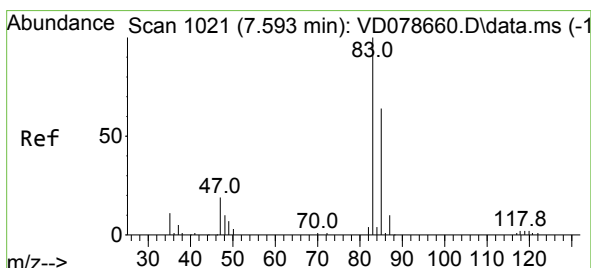
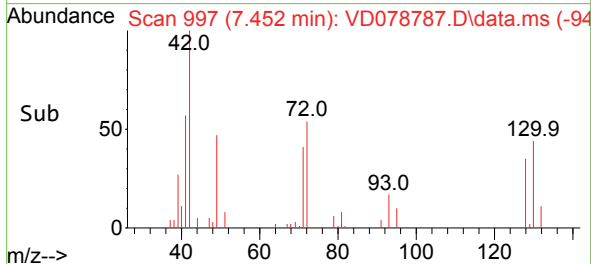
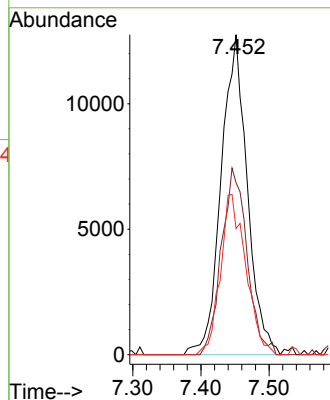
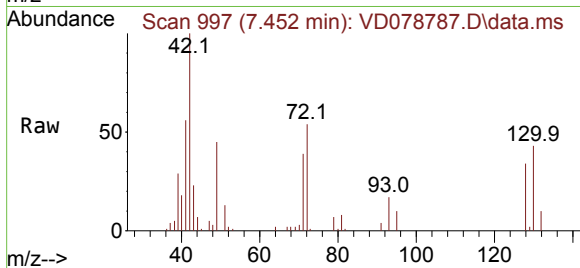
Tgt Ion: 42 Resp: 33910

Ion Ratio Lower Upper

42 100

72 57.2 43.8 65.6

71 49.0 42.0 63.0



#30

Chloroform

Concen: 44.944 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.012 min

Lab File: VD078787.D

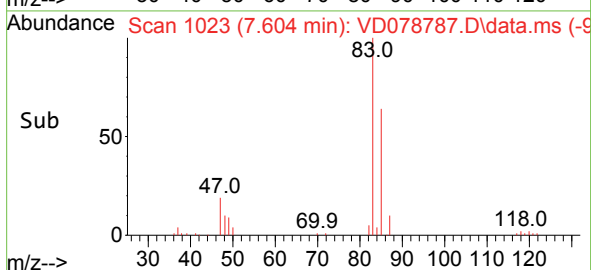
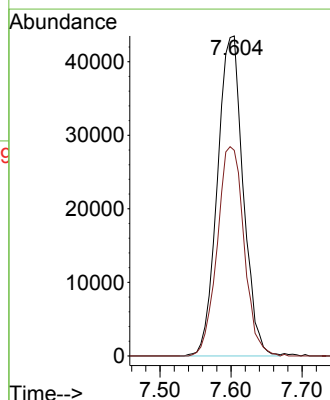
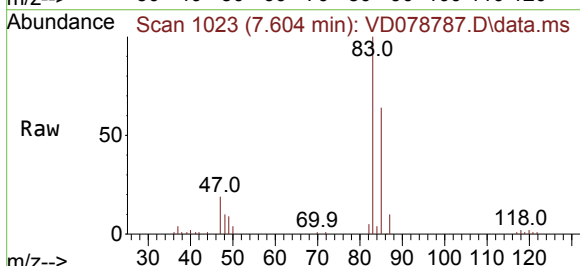
Acq: 28 Mar 2024 21:04

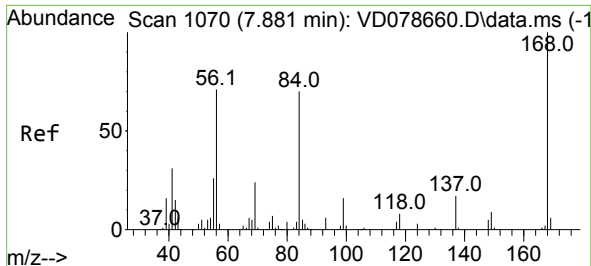
Tgt Ion: 83 Resp: 109658

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

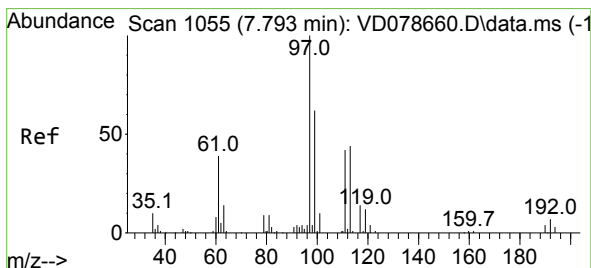
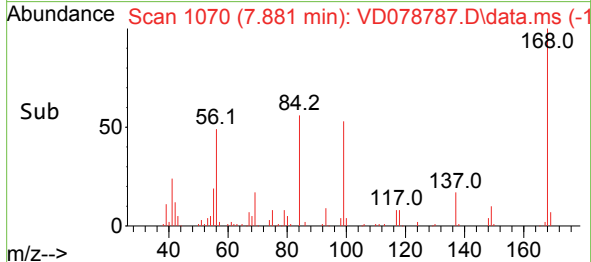
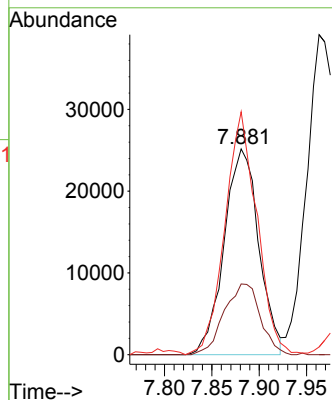
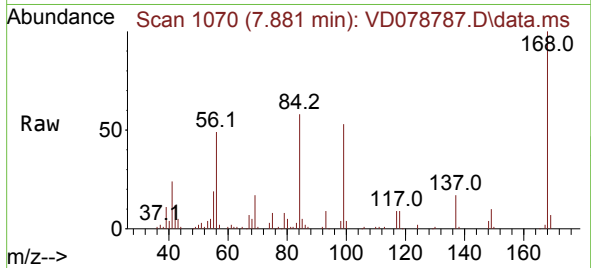




#31
Cyclohexane
Concen: 36.186 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

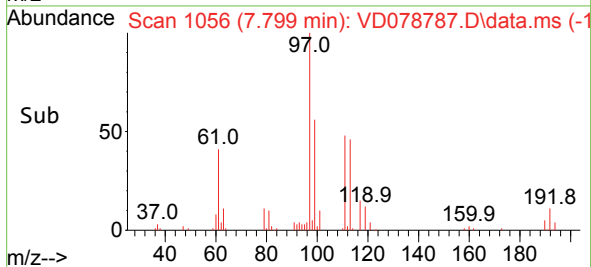
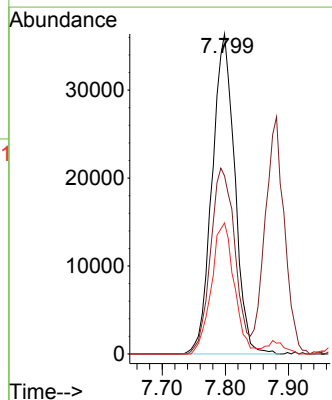
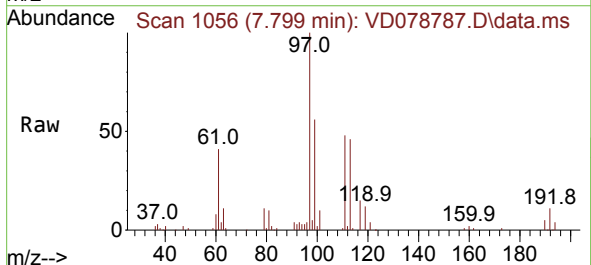
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

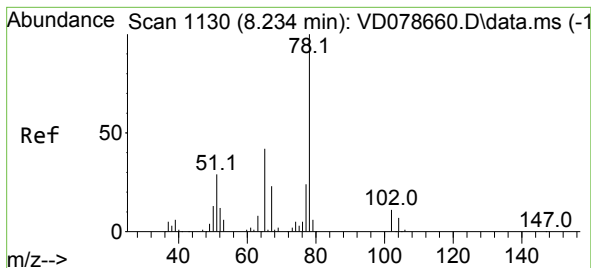
Tgt Ion: 56 Resp: 64093
Ion Ratio Lower Upper
56 100
69 34.3 26.6 40.0
84 116.9 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 43.691 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 97 Resp: 90445
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 43.559 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

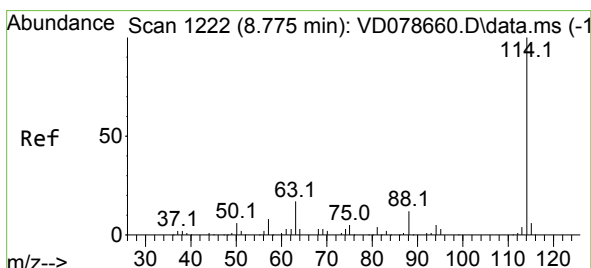
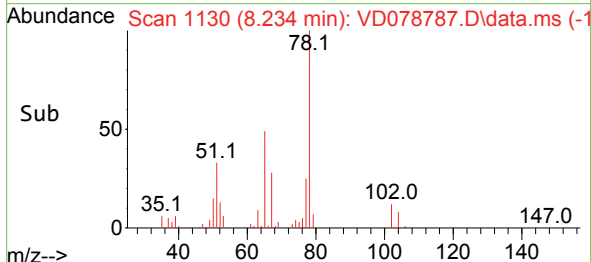
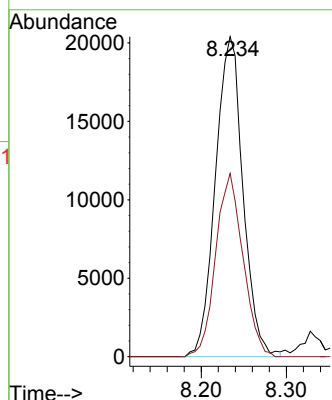
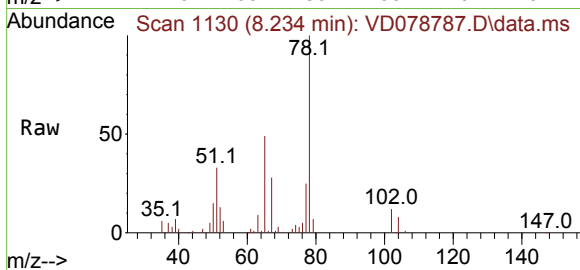
VSTDCCC050EC

Tgt Ion: 65 Resp: 45902

Ion Ratio Lower Upper

65 100

67 56.6 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: VD078787.D

Acq: 28 Mar 2024 21:04

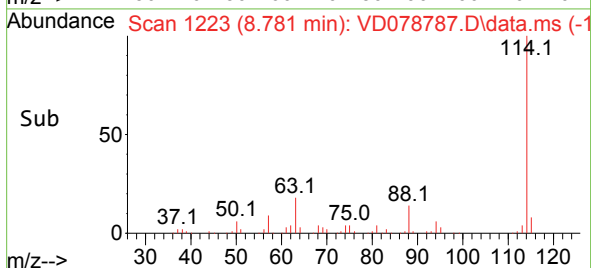
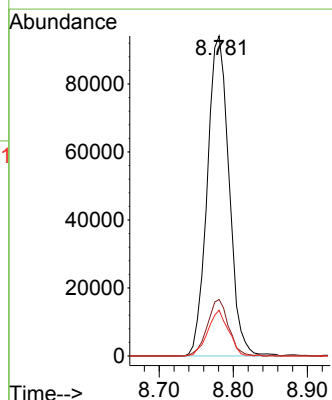
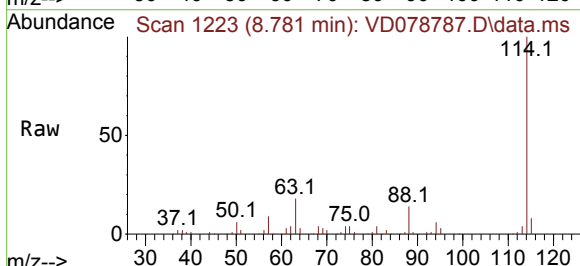
Tgt Ion: 114 Resp: 192595

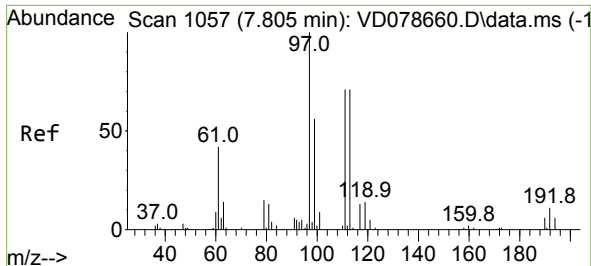
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.3 0.0 24.6





#35

Dibromofluoromethane

Concen: 44.933 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

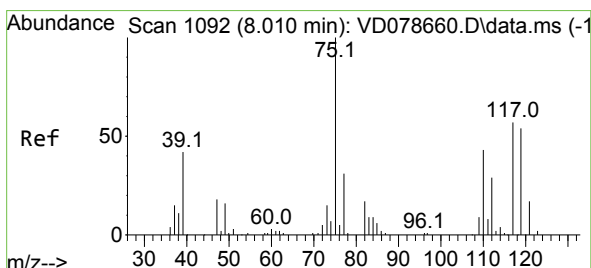
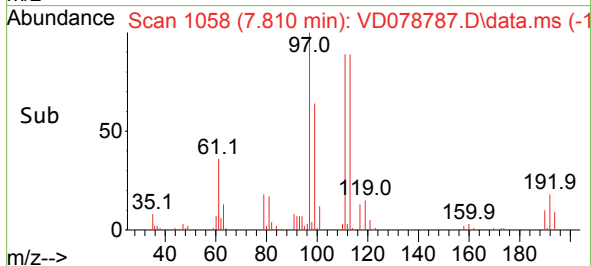
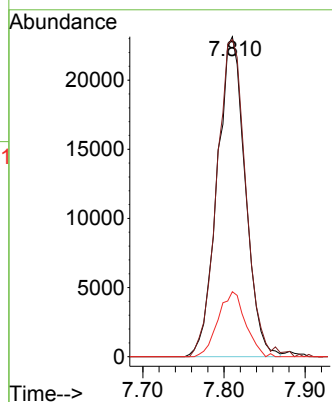
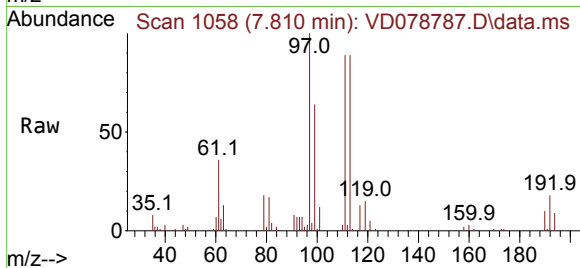
Tgt Ion:113 Resp: 55718

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 19.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 41.063 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

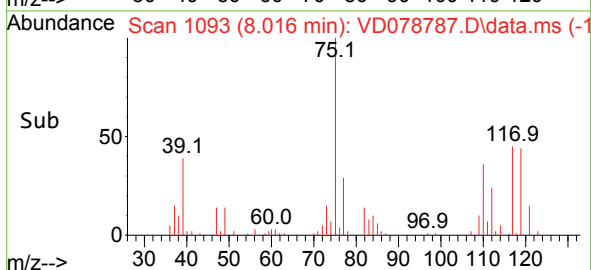
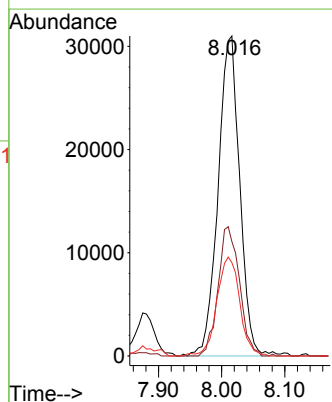
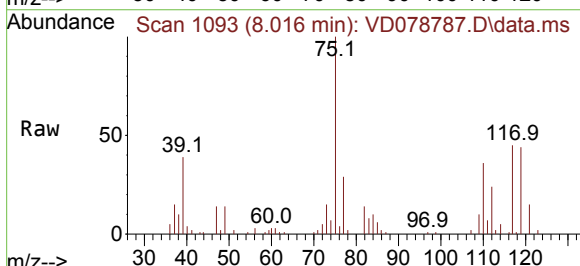
Tgt Ion: 75 Resp: 73879

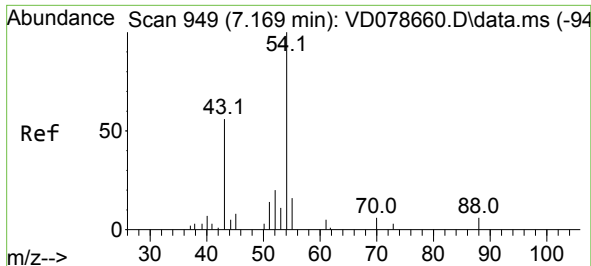
Ion Ratio Lower Upper

75 100

110 39.7 19.1 57.1

77 32.6 25.4 38.2





#37

Ethyl Acetate

Concen: 43.474 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

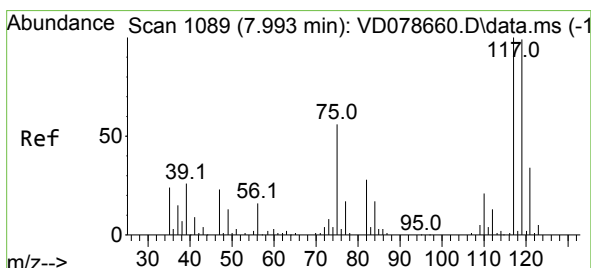
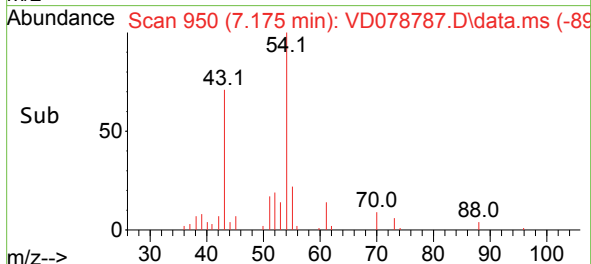
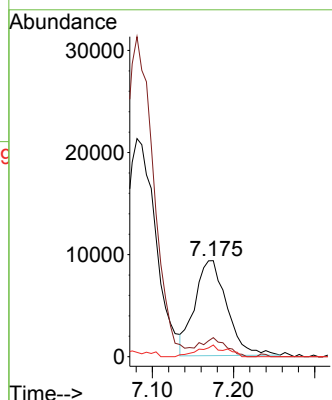
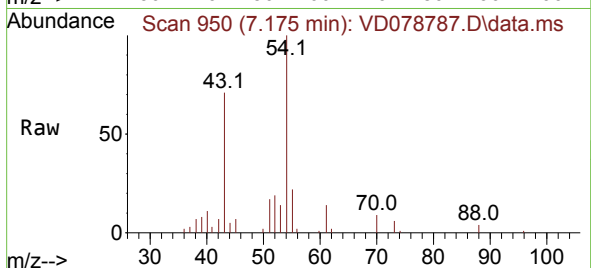
Tgt Ion: 43 Resp: 25553

Ion Ratio Lower Upper

43 100

61 15.0 14.6 21.8

70 10.4 9.4 14.0



#38

Carbon Tetrachloride

Concen: 42.399 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

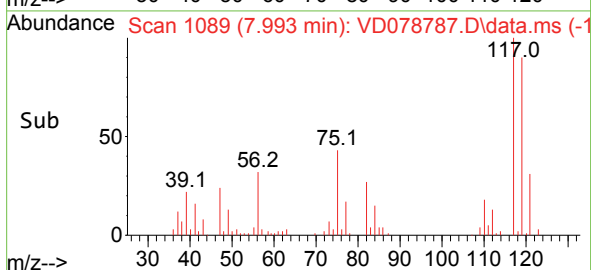
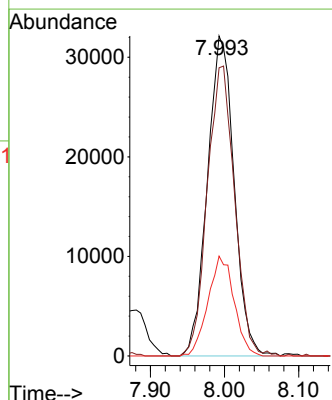
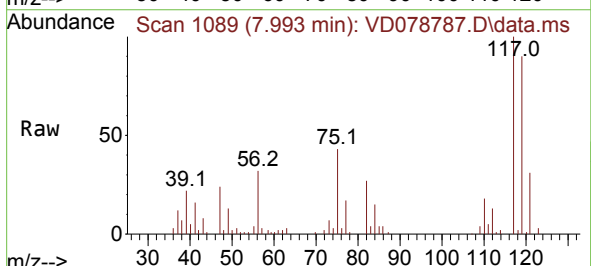
Tgt Ion:117 Resp: 80421

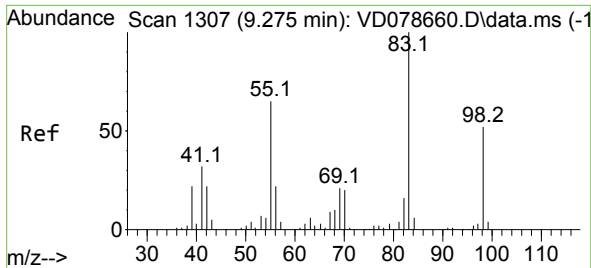
Ion Ratio Lower Upper

117 100

119 90.1 79.2 118.8

121 31.2 26.8 40.2





#39

Methylcyclohexane

Concen: 38.369 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

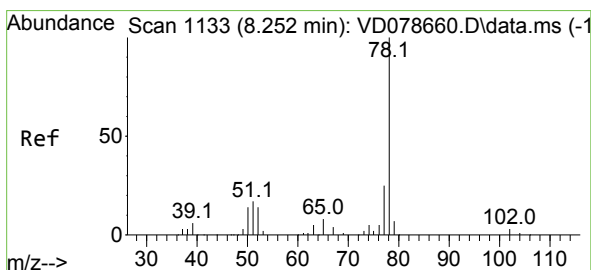
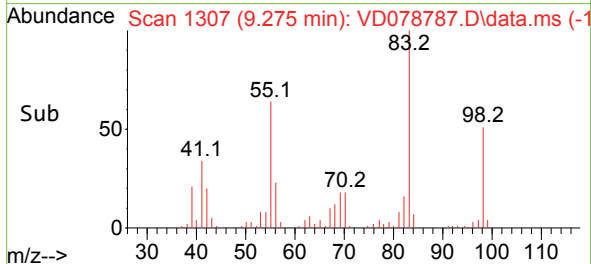
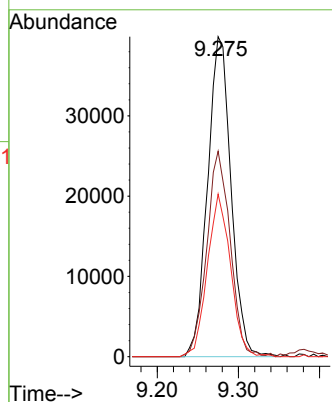
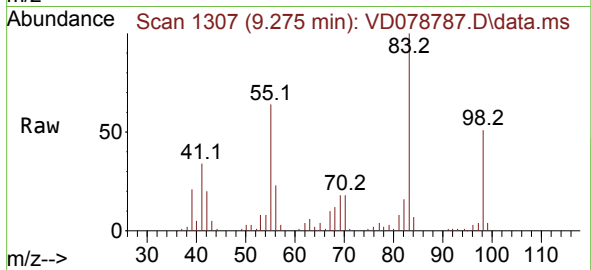
Tgt Ion: 83 Resp: 80080

Ion Ratio Lower Upper

83 100

55 64.2 51.7 77.5

98 50.8 41.4 62.0



#40

Benzene

Concen: 43.948 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078787.D

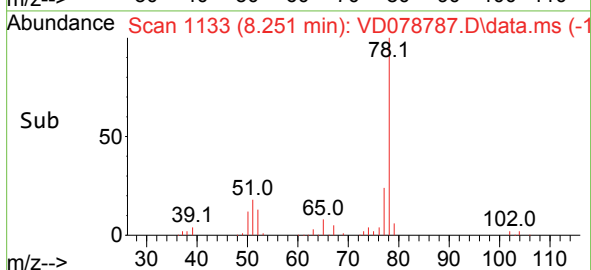
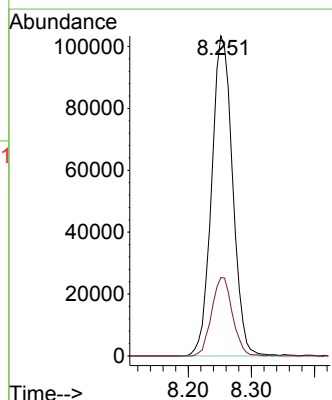
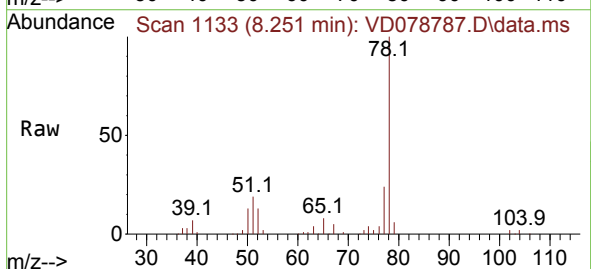
Acq: 28 Mar 2024 21:04

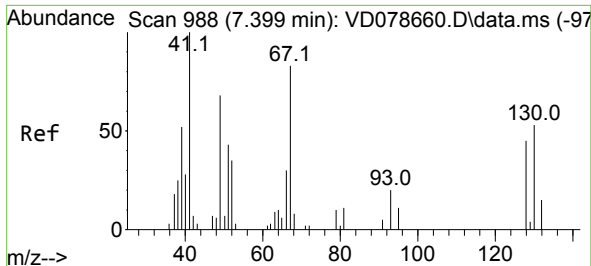
Tgt Ion: 78 Resp: 239019

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

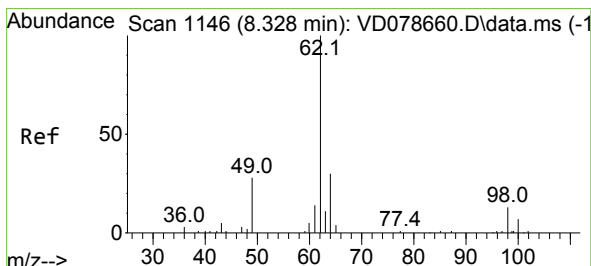
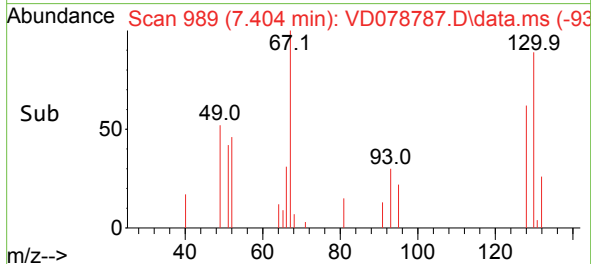
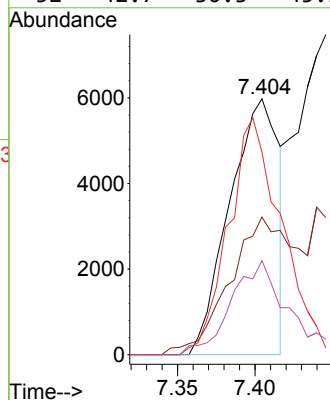
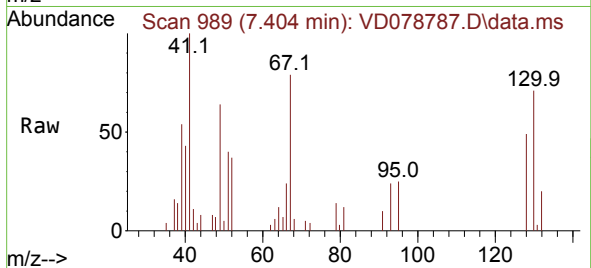




#41
Methacrylonitrile
Concen: 42.838 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

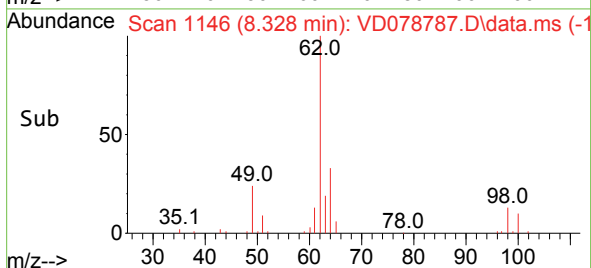
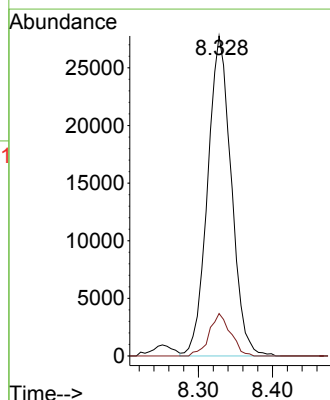
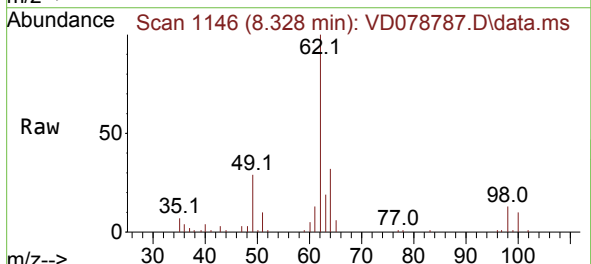
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

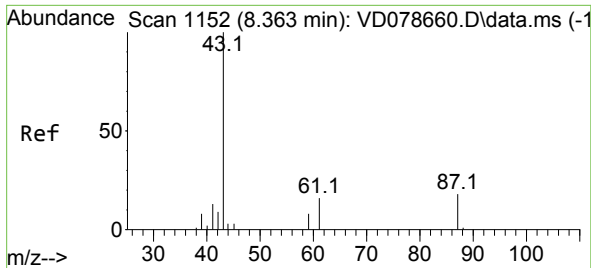
Tgt Ion: 41 Resp: 13195
Ion Ratio Lower Upper
41 100
39 74.6 39.8 59.6#
67 100.2 83.5 125.3
52 42.7 30.3 45.5



#42
1,2-Dichloroethane
Concen: 46.482 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 62 Resp: 61651
Ion Ratio Lower Upper
62 100
98 11.9 0.0 23.8

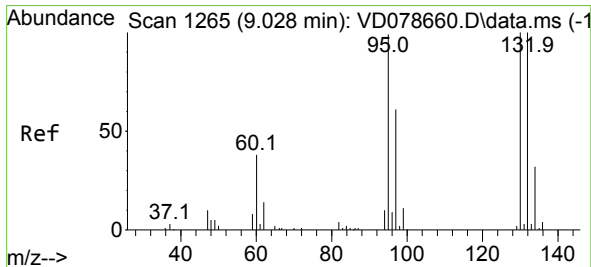
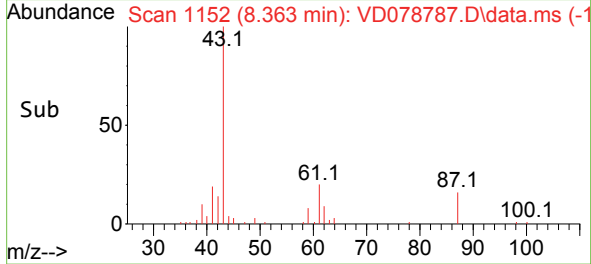
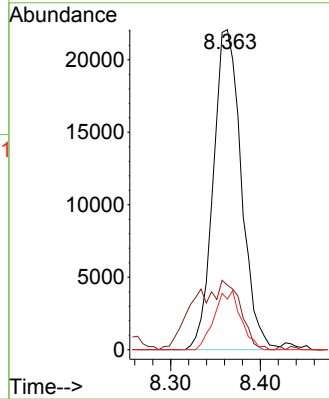
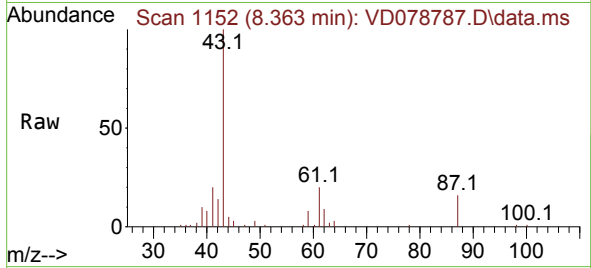




#43
Isopropyl Acetate
Concen: 44.804 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

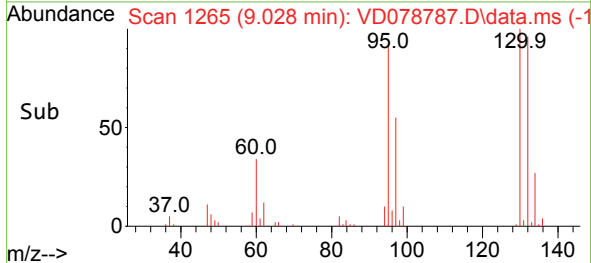
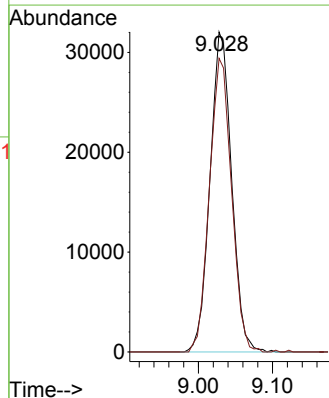
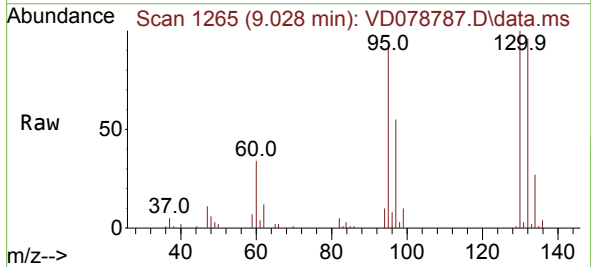
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

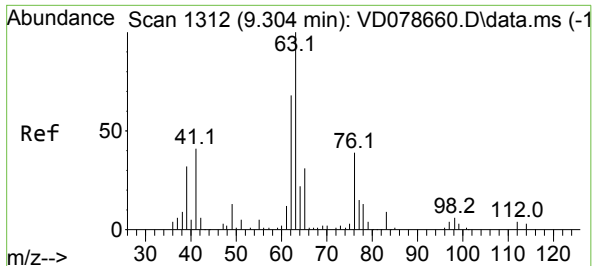
Tgt Ion: 43 Resp: 47892
Ion Ratio Lower Upper
43 100
61 15.9 30.1 45.1#
87 17.4 14.4 21.6



#44
Trichloroethene
Concen: 43.970 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:130 Resp: 64899
Ion Ratio Lower Upper
130 100
95 91.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 45.126 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

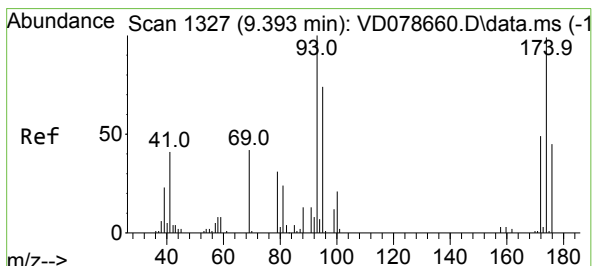
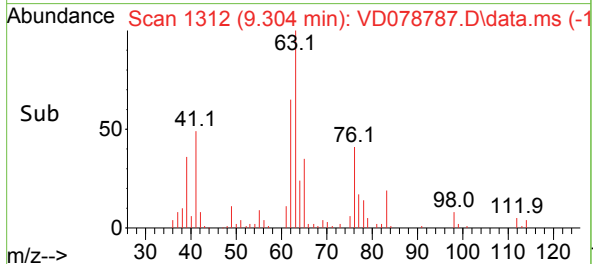
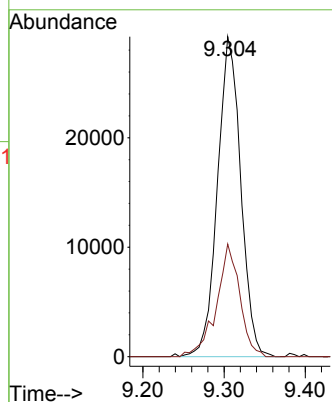
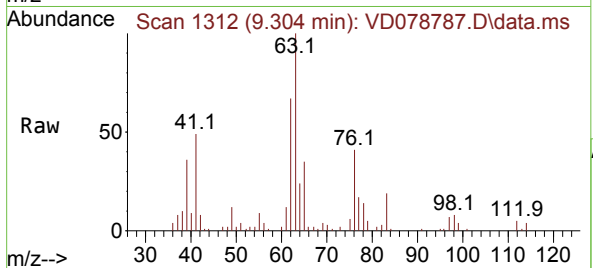
VSTDCCC050EC

Tgt Ion: 63 Resp: 58220

Ion Ratio Lower Upper

63 100

65 35.2 24.8 37.2



#46

Dibromomethane

Concen: 47.060 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

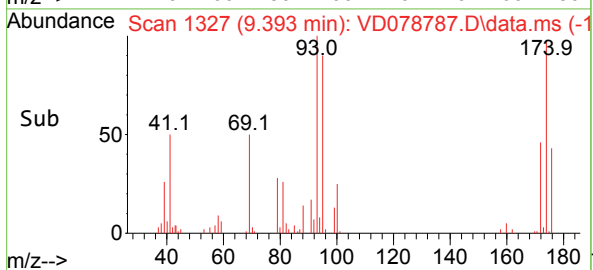
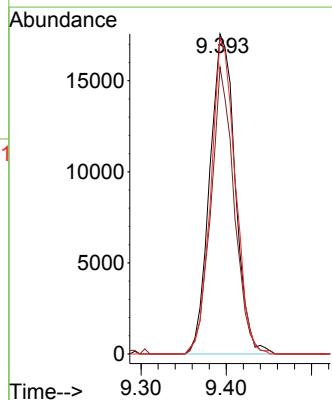
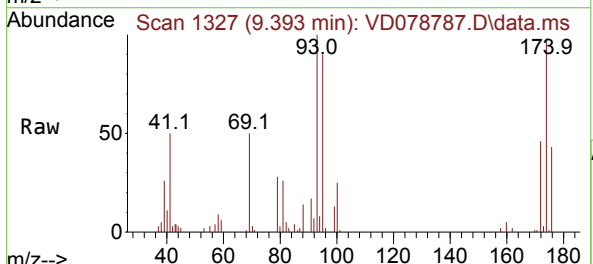
Tgt Ion: 93 Resp: 36396

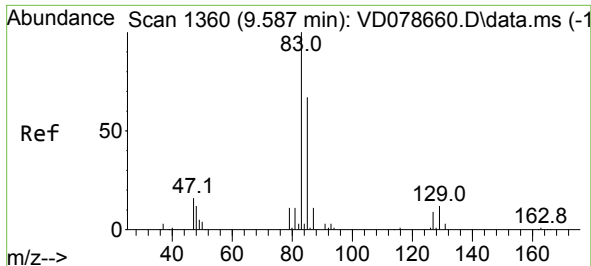
Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 94.6 80.9 121.3

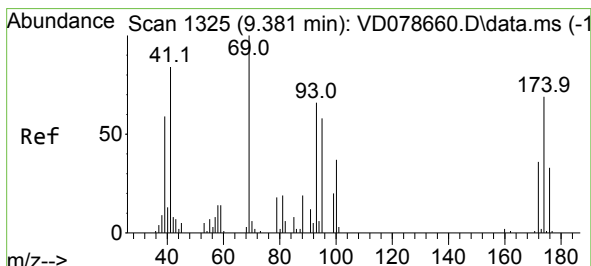
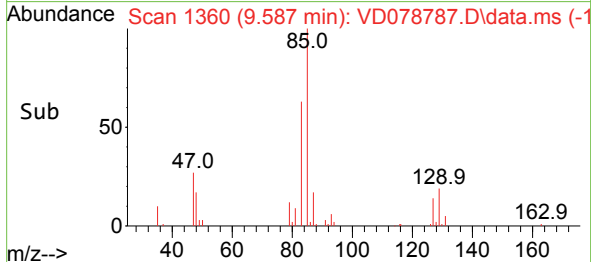
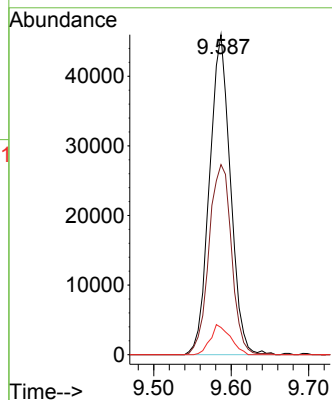
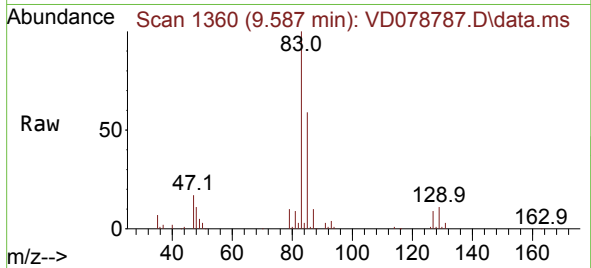




#47
Bromodichloromethane
Concen: 46.775 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

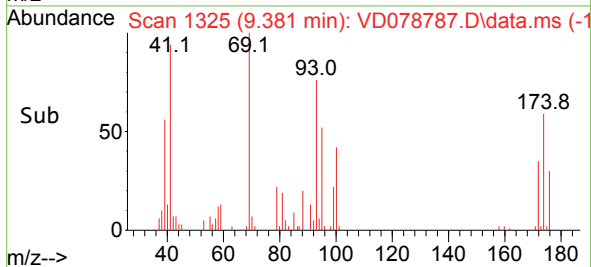
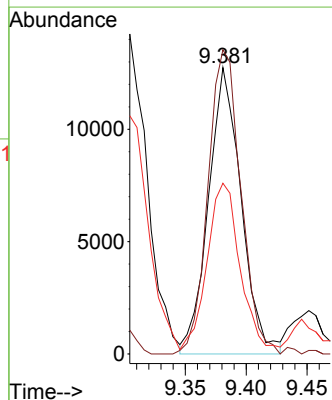
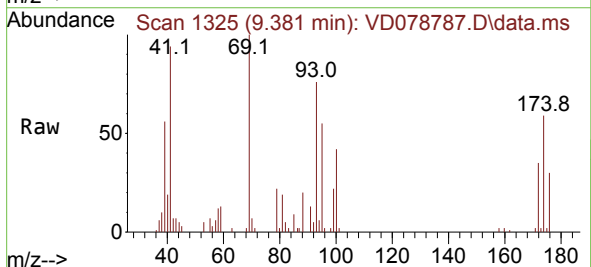
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

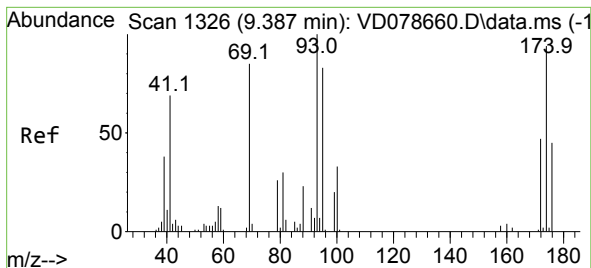
Tgt Ion: 83 Resp: 86119
Ion Ratio Lower Upper
83 100
85 59.4 54.0 81.0
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 45.709 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 41 Resp: 23807
Ion Ratio Lower Upper
41 100
69 106.7 88.3 132.5
39 61.5 46.6 69.8





#49

1,4-Dioxane

Concen: 831.613 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

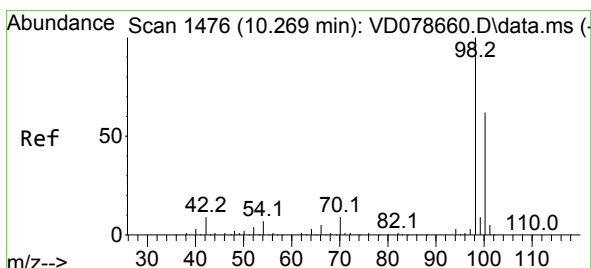
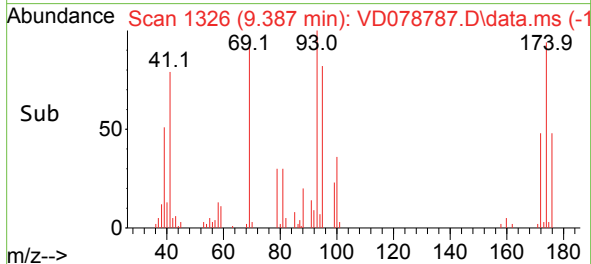
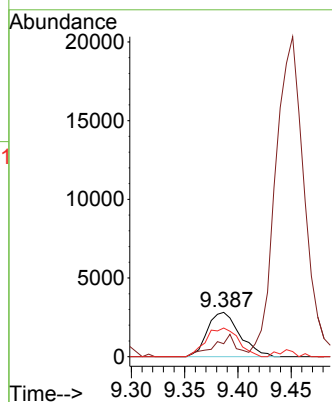
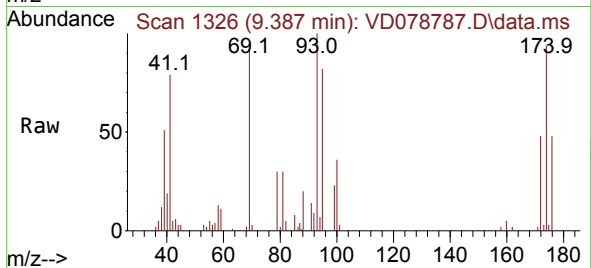
Tgt Ion: 88 Resp: 5955

Ion Ratio Lower Upper

88 100

43 34.8 23.2 34.8#

58 65.0 51.0 76.6



#50

Toluene-d8

Concen: 44.123 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078787.D

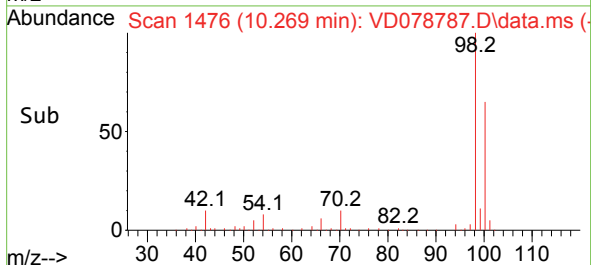
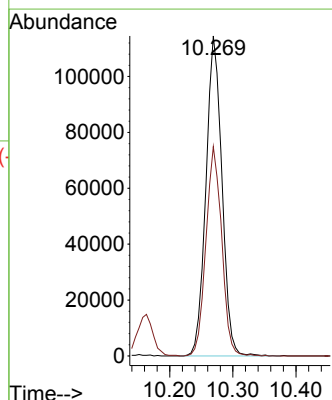
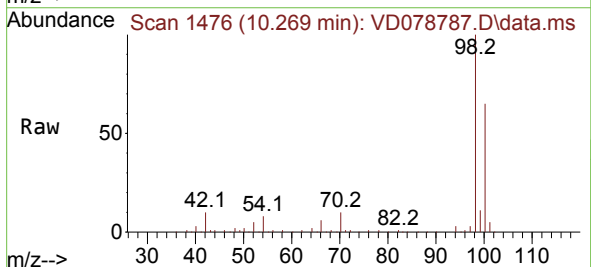
Acq: 28 Mar 2024 21:04

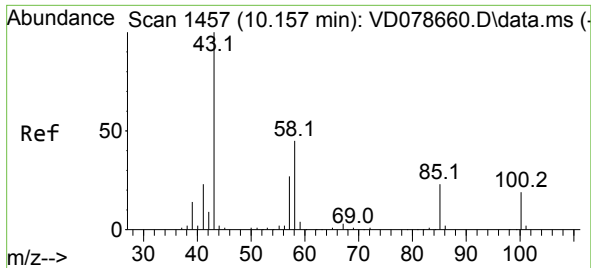
Tgt Ion: 98 Resp: 201220

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

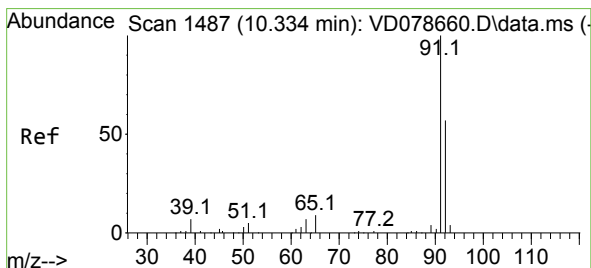
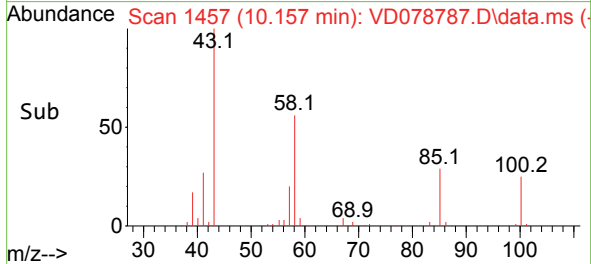
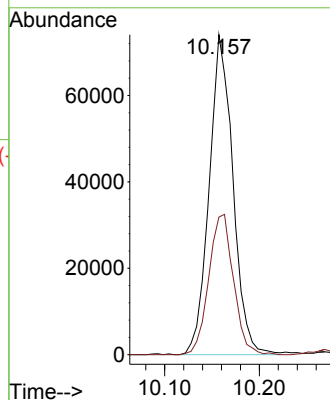
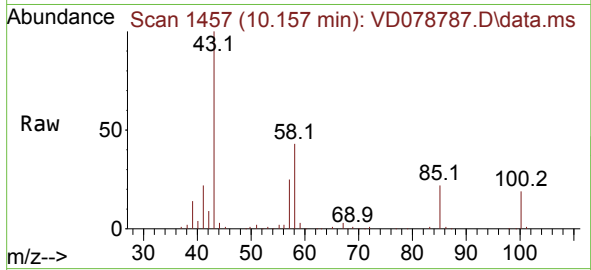




#51
4-Methyl-2-Pentanone
Concen: 231.205 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

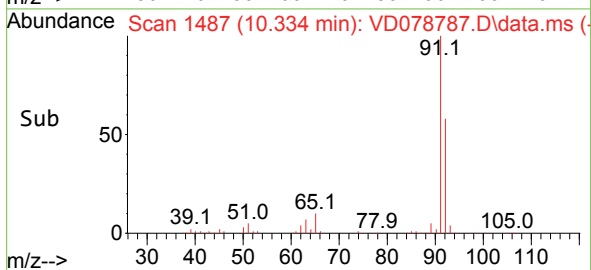
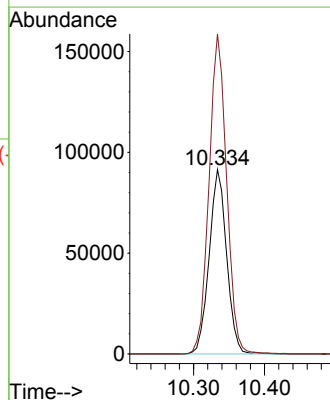
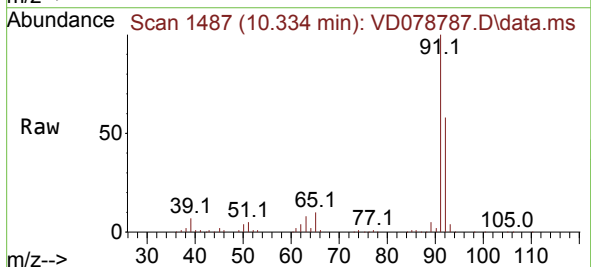
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

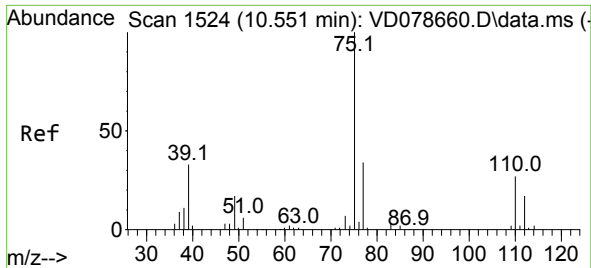
Tgt Ion: 43 Resp: 129203
Ion Ratio Lower Upper
43 100
58 45.5 36.4 54.6



#52
Toluene
Concen: 44.649 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 92 Resp: 156338
Ion Ratio Lower Upper
92 100
91 174.7 136.6 205.0

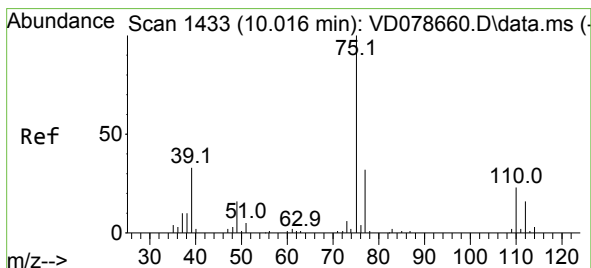
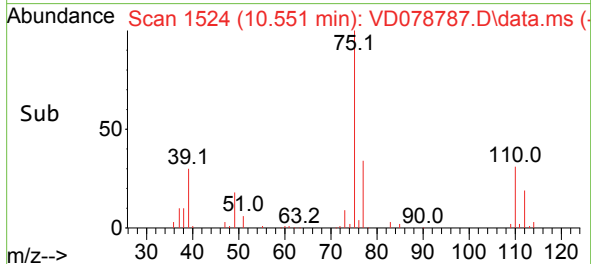
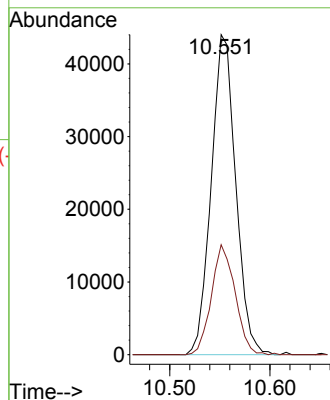
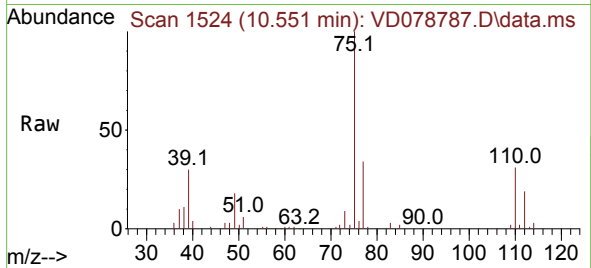




#53
 t-1,3-Dichloropropene
 Concen: 44.351 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

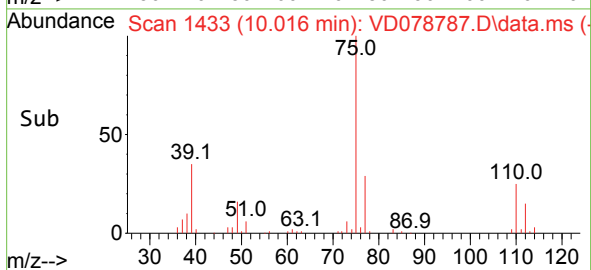
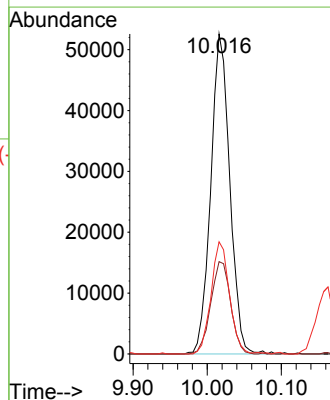
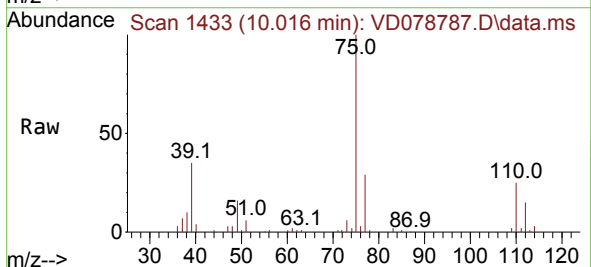
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

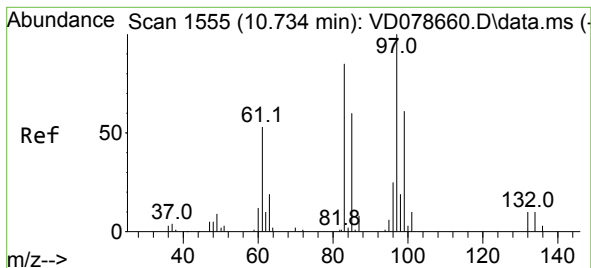
Tgt Ion: 75 Resp: 74658
 Ion Ratio Lower Upper
 75 100
 77 34.4 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 46.343 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

Tgt Ion: 75 Resp: 93781
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.0
 39 35.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 47.463 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 49156

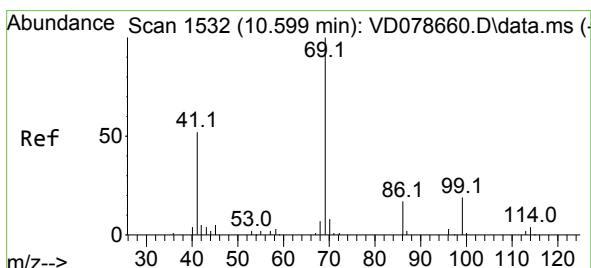
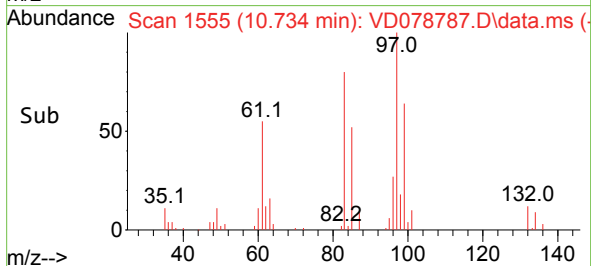
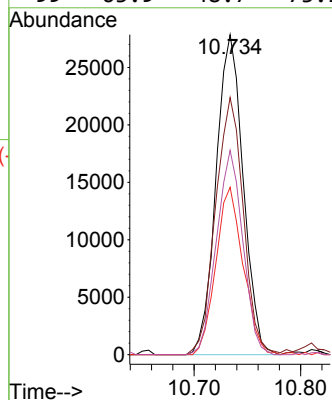
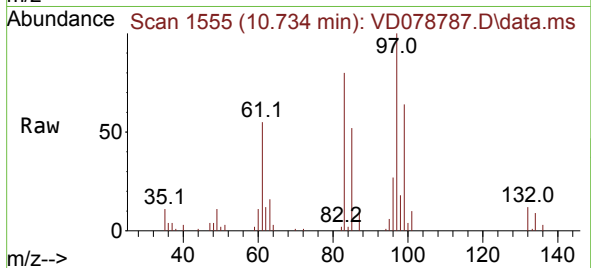
Ion Ratio Lower Upper

97 100

83 80.4 68.1 102.1

85 52.3 48.2 72.2

99 63.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 47.633 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

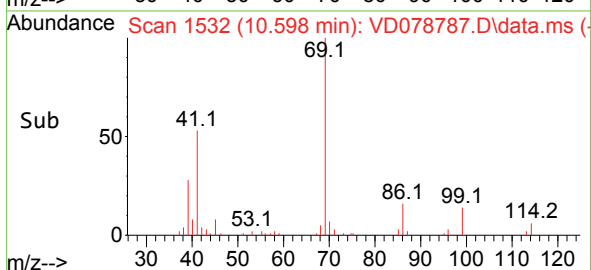
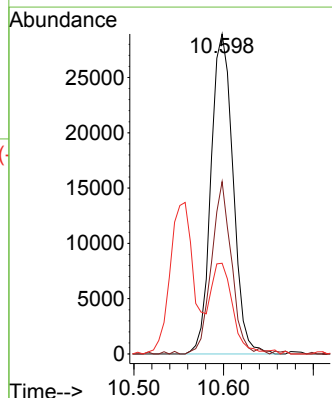
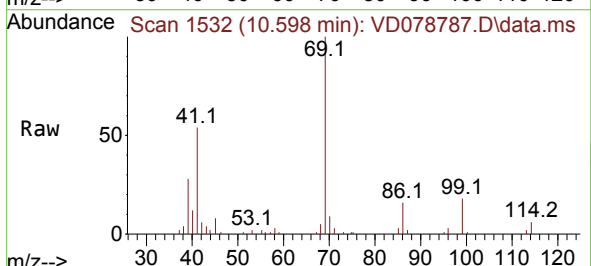
Tgt Ion: 69 Resp: 49454

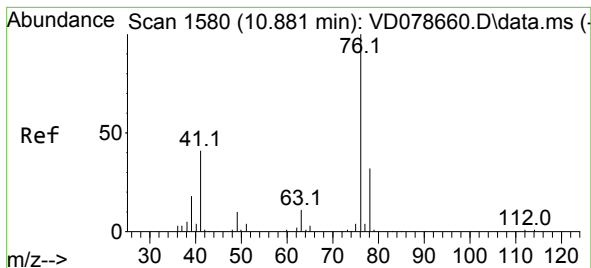
Ion Ratio Lower Upper

69 100

41 49.0 40.9 61.3

39 27.7 25.5 38.3





#57

1,3-Dichloropropane

Concen: 45.805 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

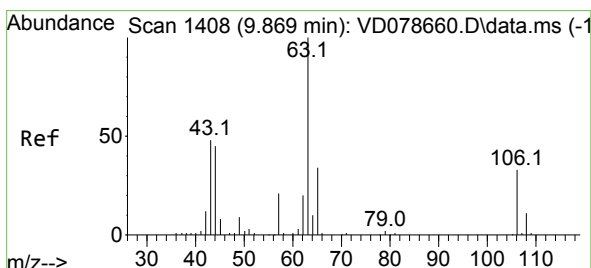
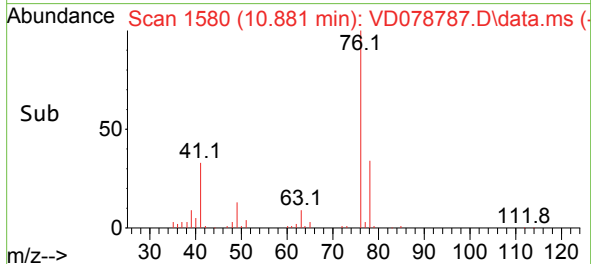
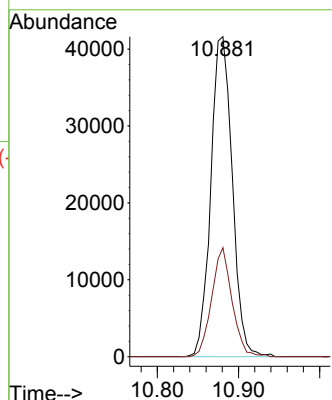
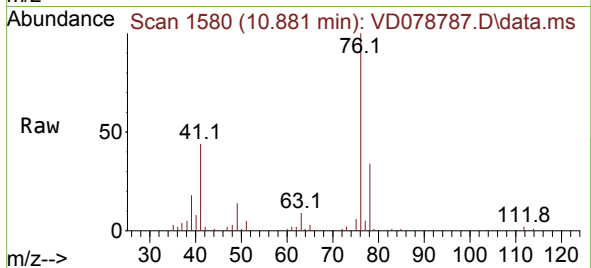
VSTDCCC050EC

Tgt Ion: 76 Resp: 76546

Ion Ratio Lower Upper

76 100

78 32.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 288.891 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078787.D

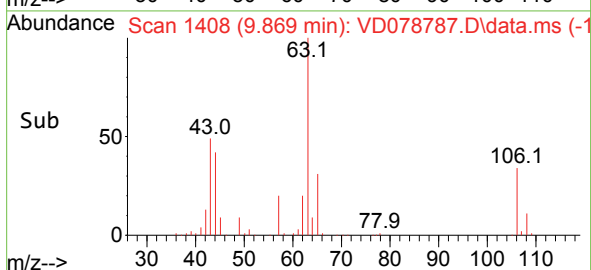
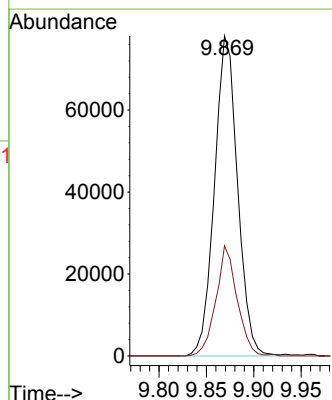
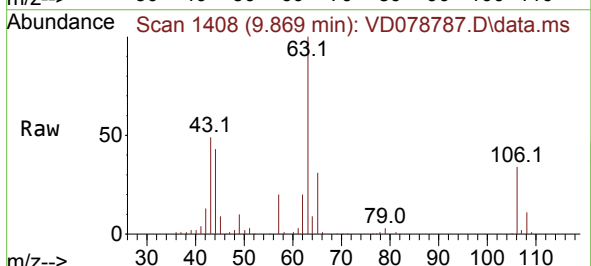
Acq: 28 Mar 2024 21:04

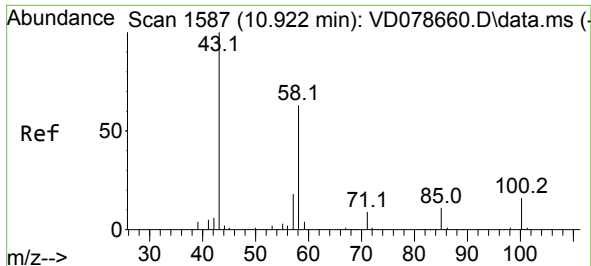
Tgt Ion: 63 Resp: 132254

Ion Ratio Lower Upper

63 100

106 31.8 25.2 37.8

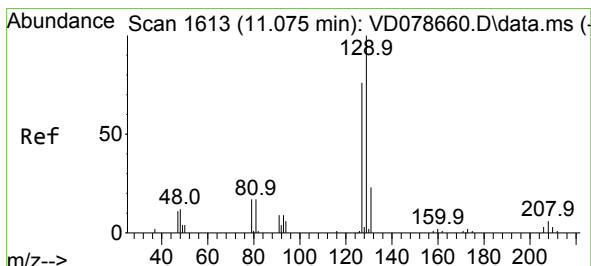
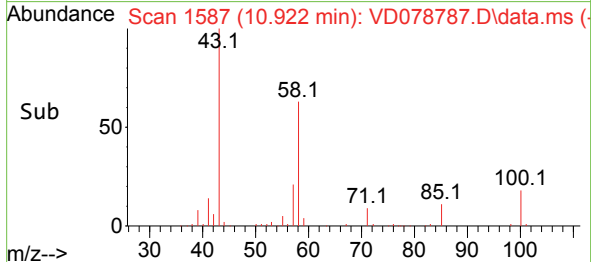
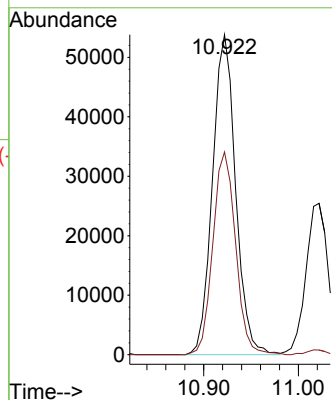
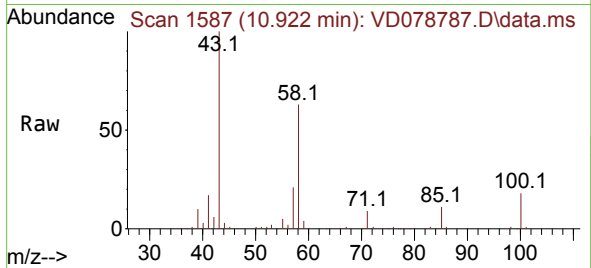




#59
2-Hexanone
Concen: 220.127 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

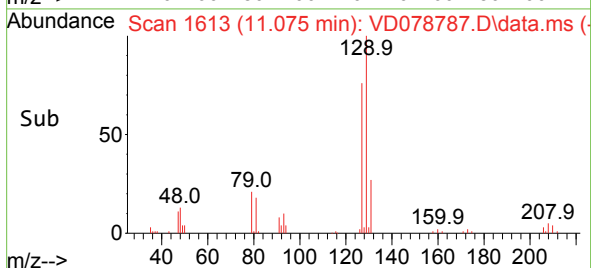
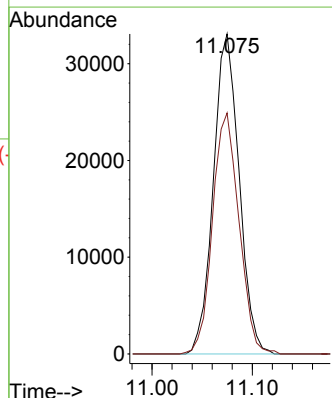
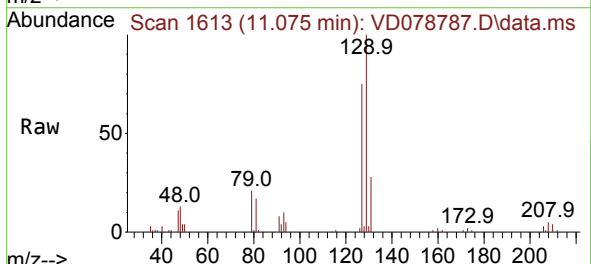
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

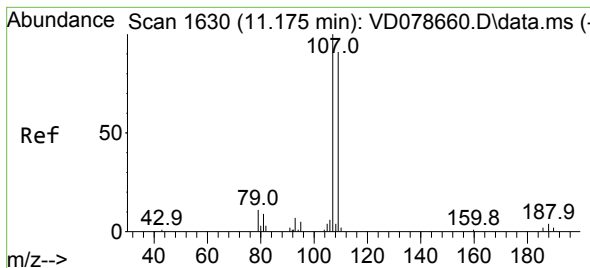
Tgt Ion: 43 Resp: 91190
Ion Ratio Lower Upper
43 100
58 62.4 31.5 94.5



#60
Dibromochloromethane
Concen: 46.151 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 129 Resp: 58944
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 44.320 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

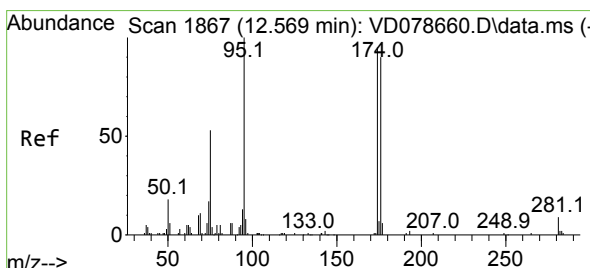
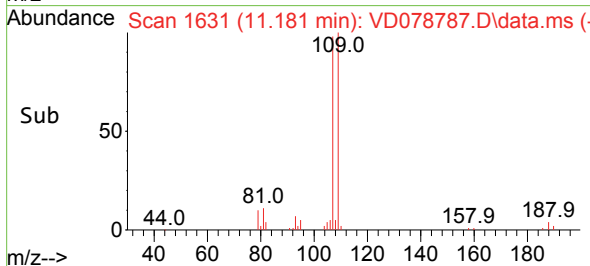
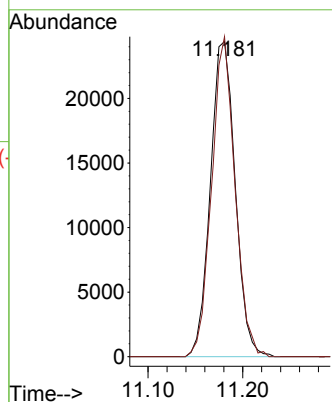
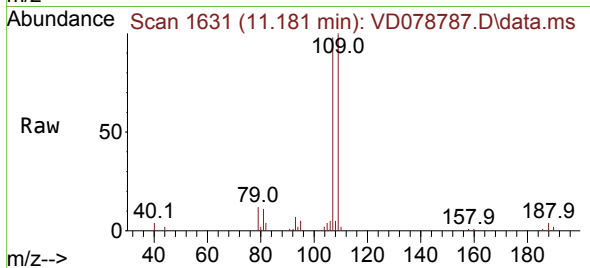
VSTDCCC050EC

Tgt Ion:107 Resp: 44421

Ion Ratio Lower Upper

107 100

109 95.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 45.876 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

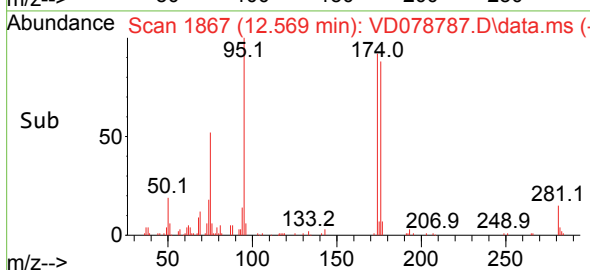
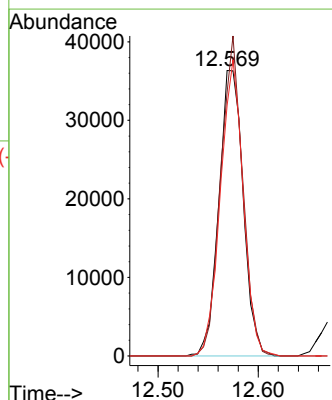
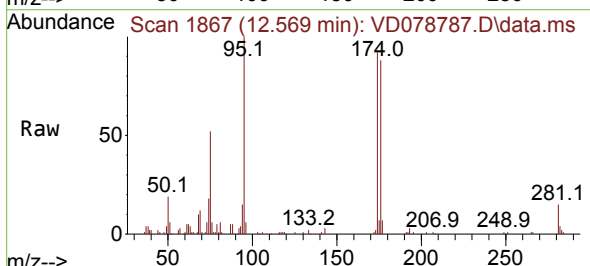
Tgt Ion: 95 Resp: 61207

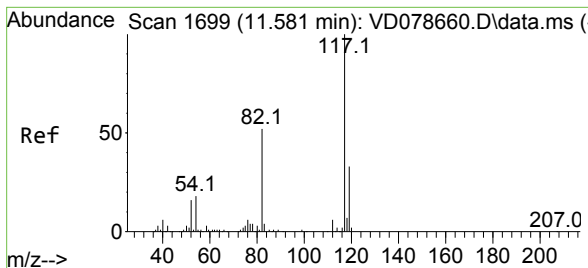
Ion Ratio Lower Upper

95 100

174 101.8 0.0 195.2

176 97.3 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

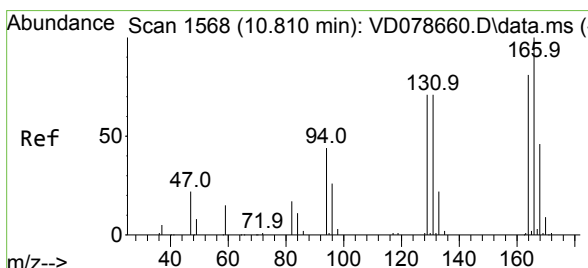
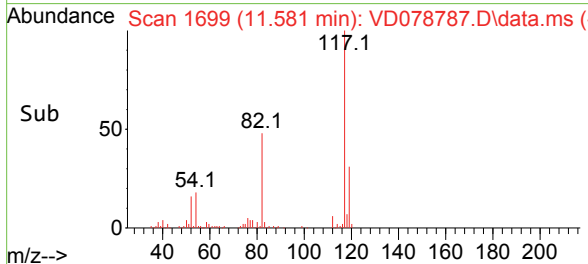
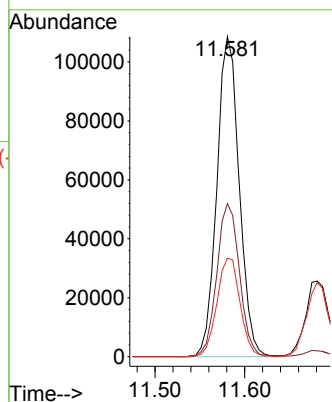
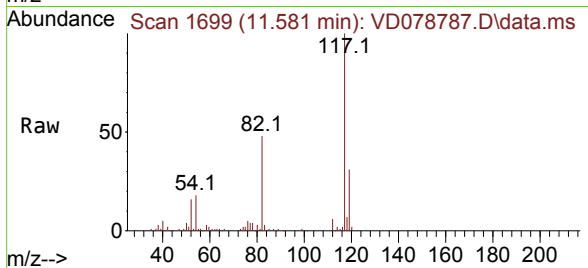
Tgt Ion:117 Resp: 187677

Ion Ratio Lower Upper

117 100

82 47.8 41.4 62.2

119 30.8 26.5 39.7



#64

Tetrachloroethene

Concen: 43.967 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Tgt Ion:164 Resp: 54606

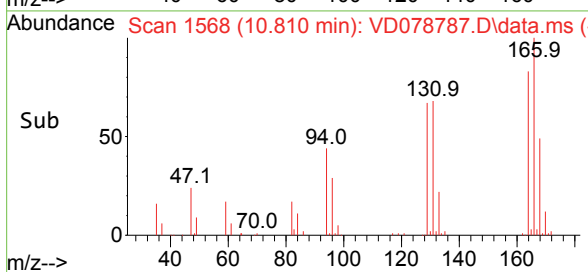
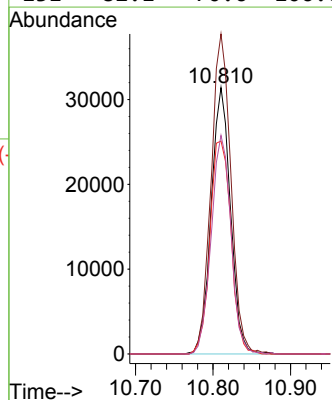
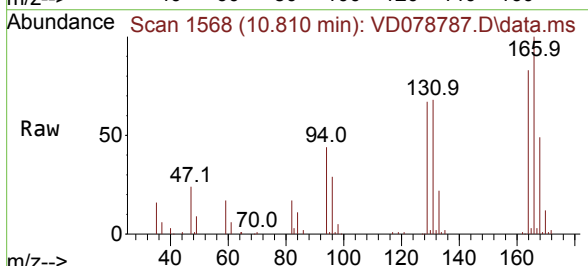
Ion Ratio Lower Upper

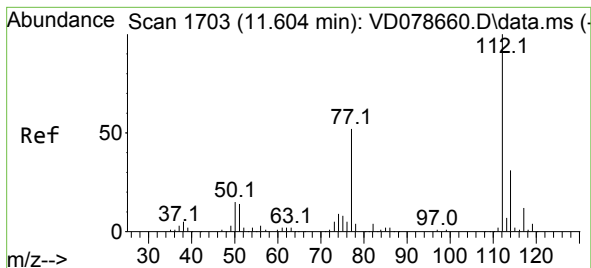
164 100

166 120.1 98.9 148.3

129 79.9 70.3 105.5

131 82.1 70.6 106.0

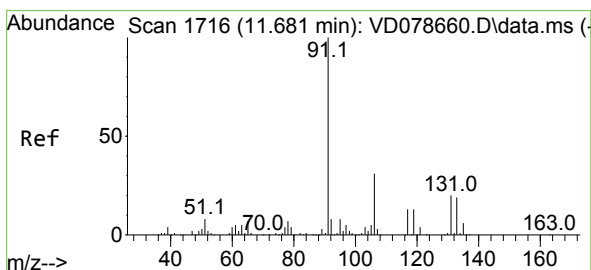
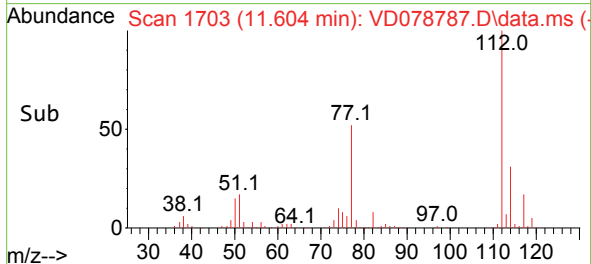
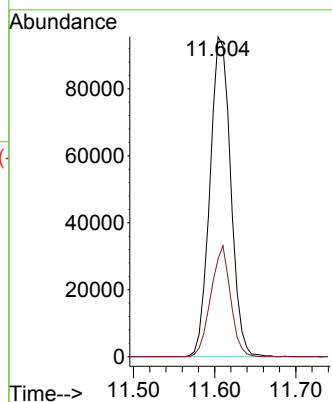
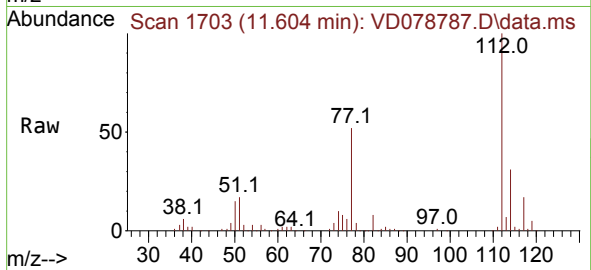




#65
Chlorobenzene
Concen: 43.283 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

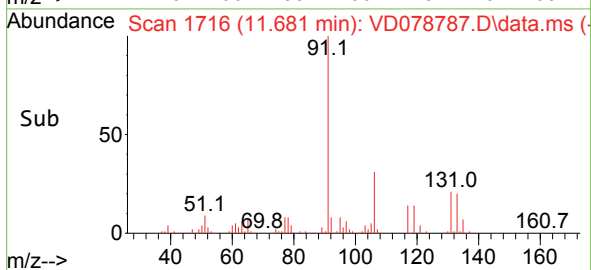
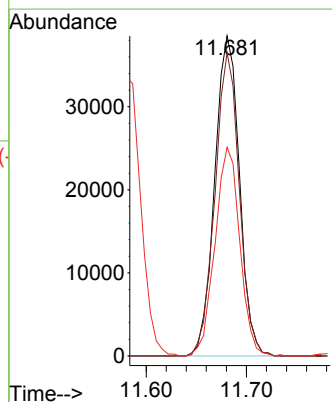
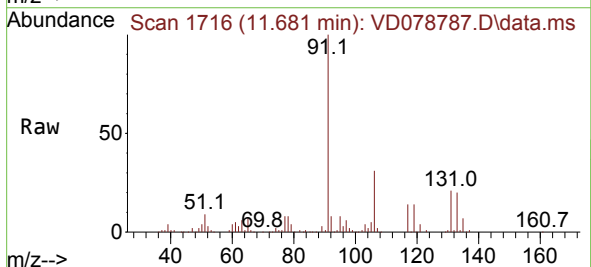
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

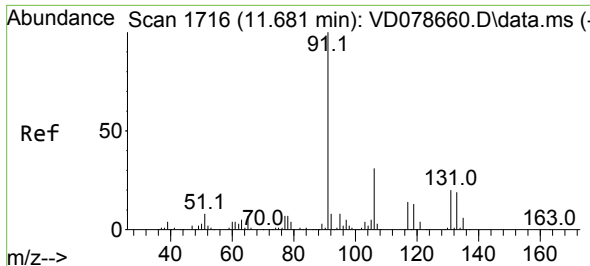
Tgt Ion:112 Resp: 169748
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.813 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:131 Resp: 65801
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 65.5 34.1 102.3

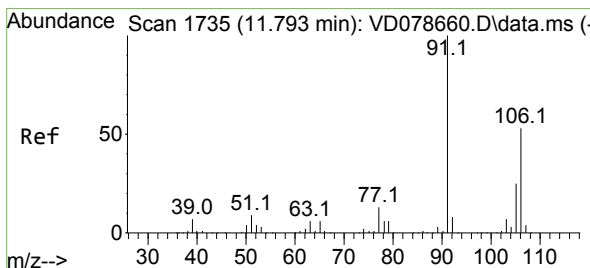
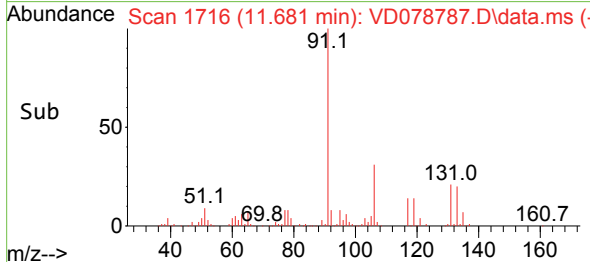
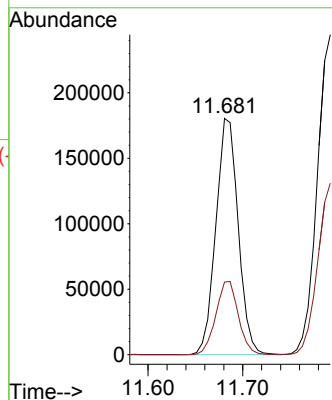
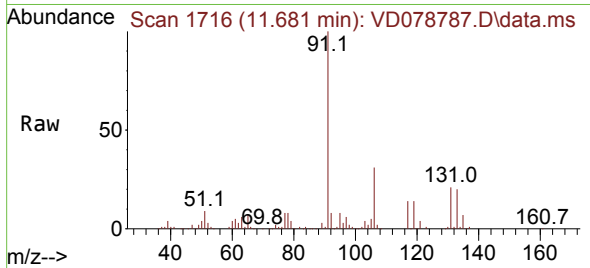




#67
Ethyl Benzene
Concen: 44.315 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

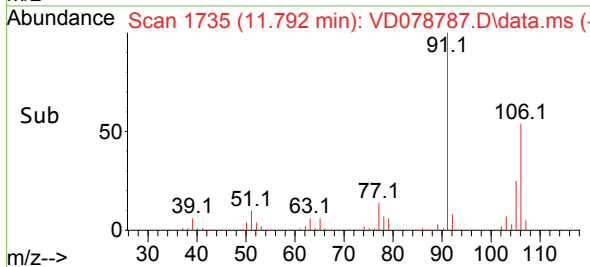
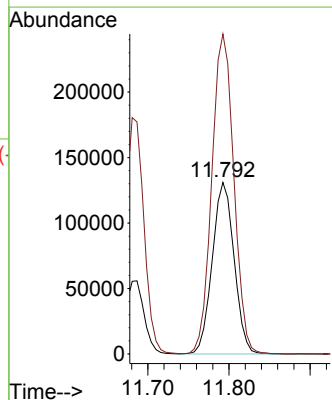
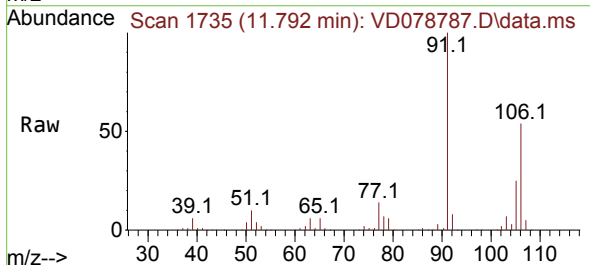
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

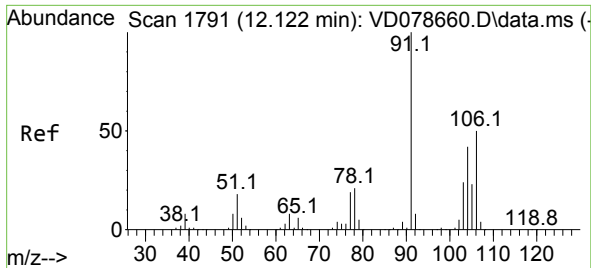
Tgt Ion: 91 Resp: 296163
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 90.244 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 106 Resp: 244906
Ion Ratio Lower Upper
106 100
91 188.1 154.4 231.6

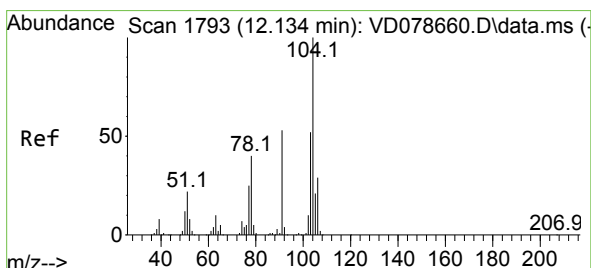
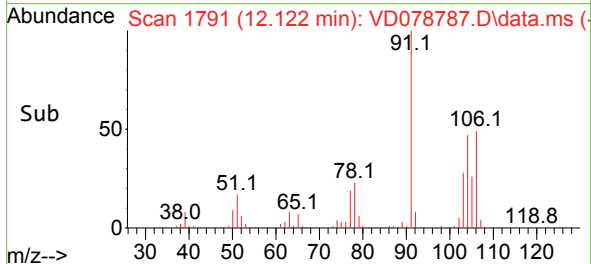
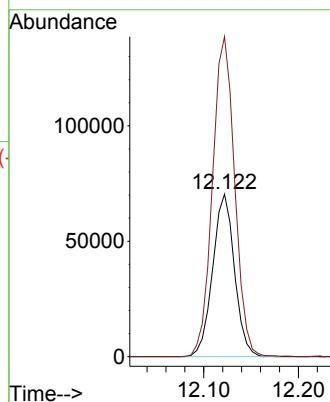
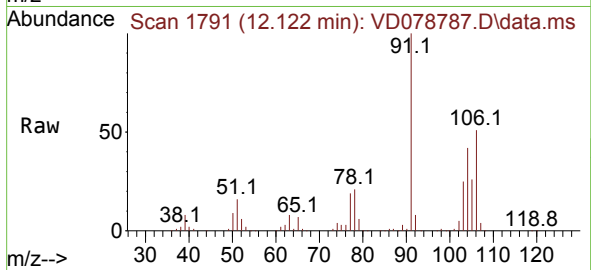




#69
o-Xylene
Concen: 44.905 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

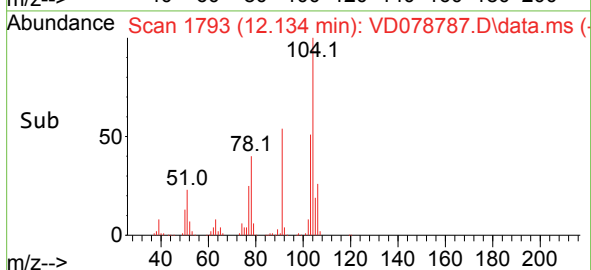
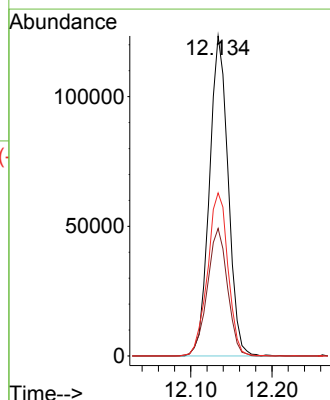
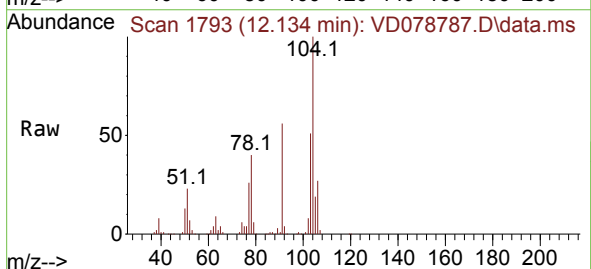
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

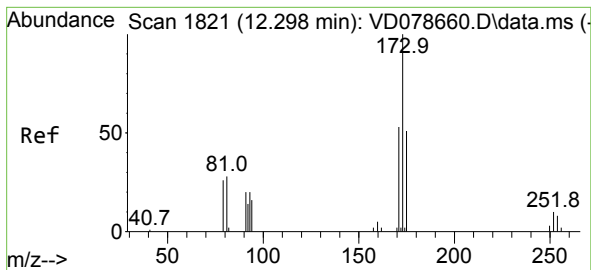
Tgt Ion:106 Resp: 112752
Ion Ratio Lower Upper
106 100
91 200.8 99.6 298.7



#70
Styrene
Concen: 46.896 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:104 Resp: 197639
Ion Ratio Lower Upper
104 100
78 42.9 34.6 52.0
103 55.7 44.2 66.2





#71

Bromoform

Concen: 45.934 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

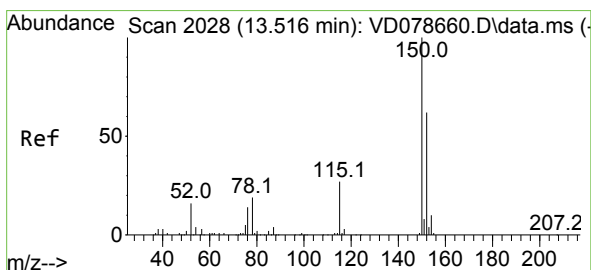
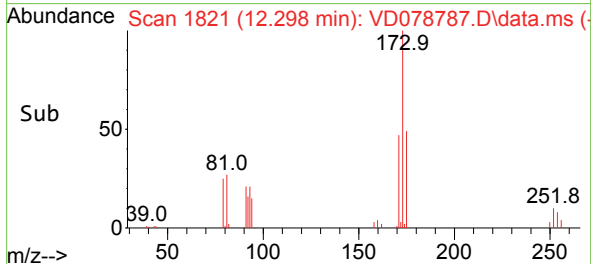
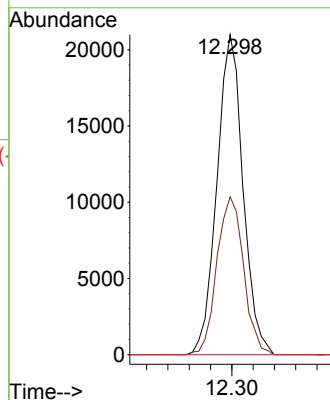
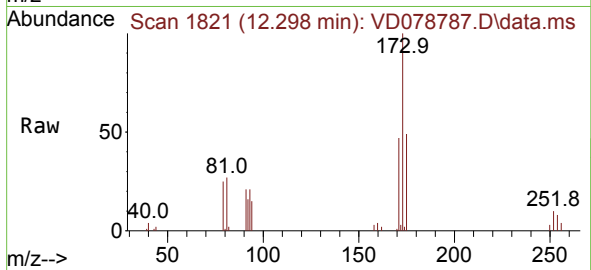
Tgt Ion:173 Resp: 35654

Ion Ratio Lower Upper

173 100

175 50.5 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: VD078787.D

Acq: 28 Mar 2024 21:04

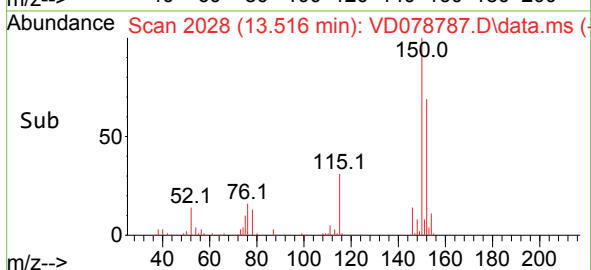
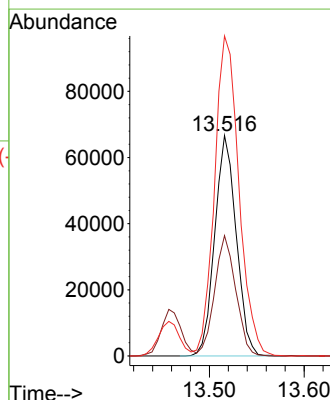
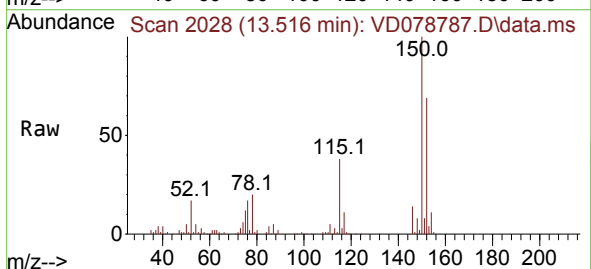
Tgt Ion:152 Resp: 104962

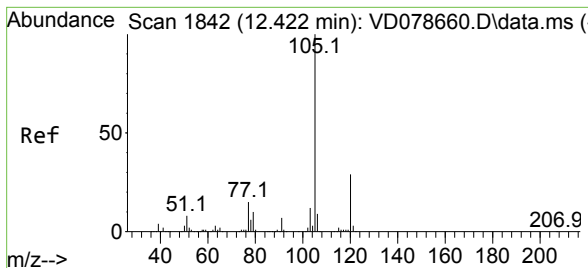
Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

150 165.2 0.0 350.2





#73

Isopropylbenzene

Concen: 40.842 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

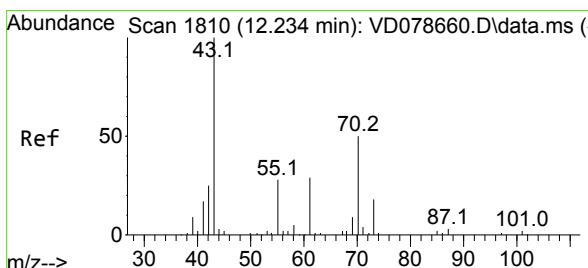
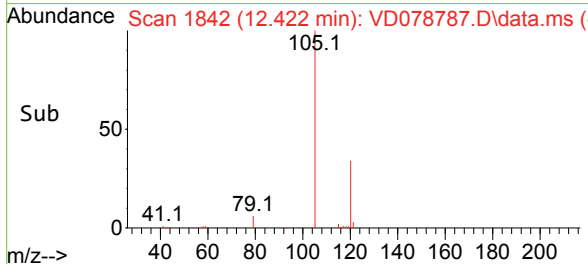
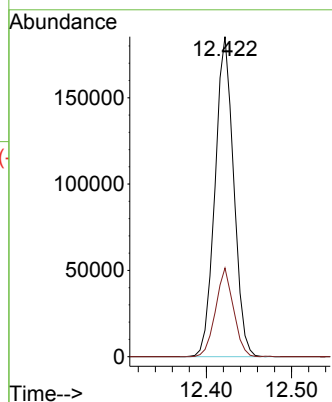
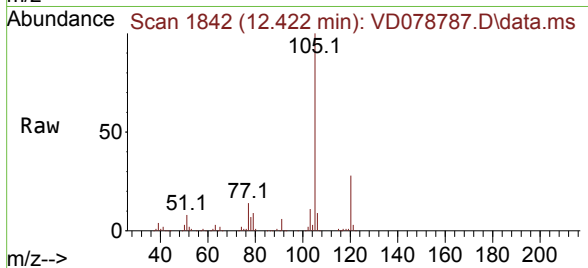
VSTDCCC050EC

Tgt Ion:105 Resp: 282251

Ion Ratio Lower Upper

105 100

120 26.6 13.7 41.0



#74

N-ethyl acetate

Concen: 39.749 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Tgt Ion: 43 Resp: 44599

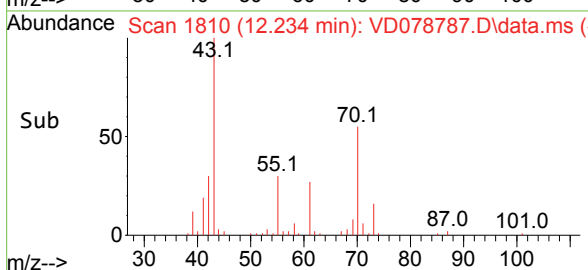
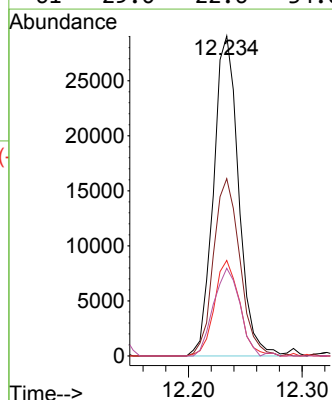
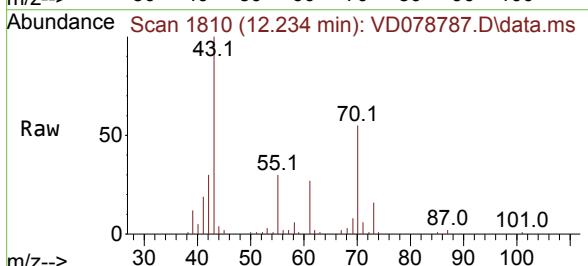
Ion Ratio Lower Upper

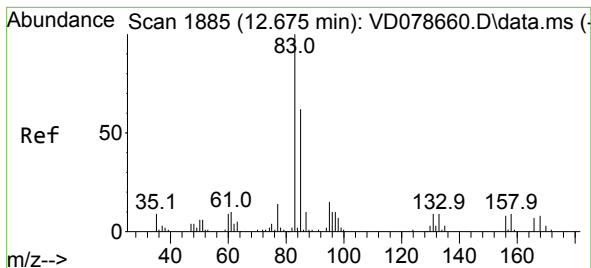
43 100

70 58.2 42.1 63.1

55 30.0 22.6 33.8

61 29.0 22.6 34.0

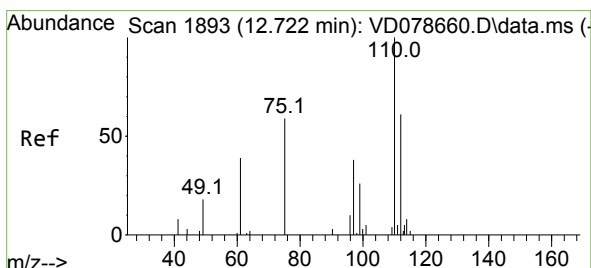
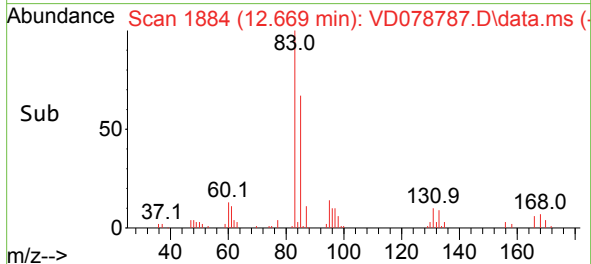
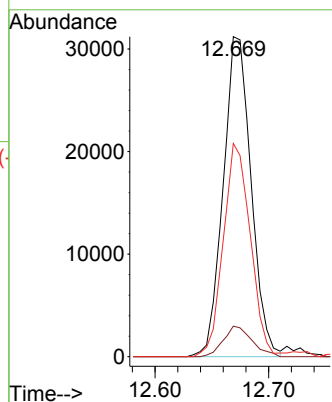
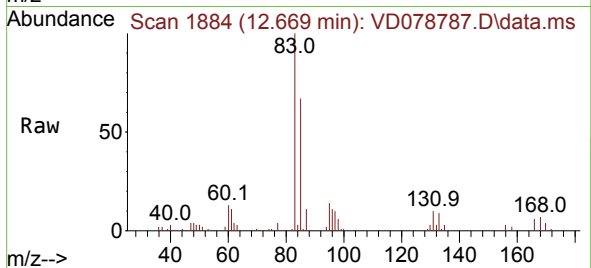




#75
1,1,2,2-Tetrachloroethane
Concen: 41.630 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

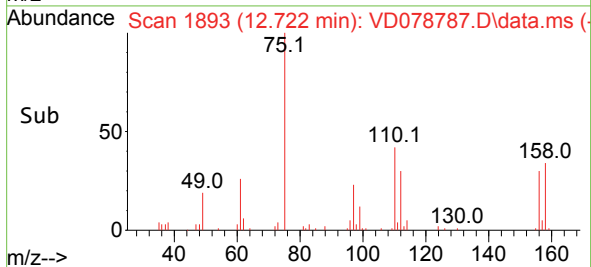
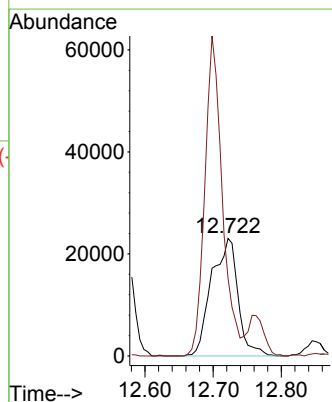
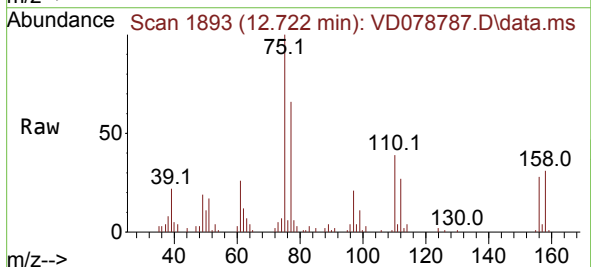
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

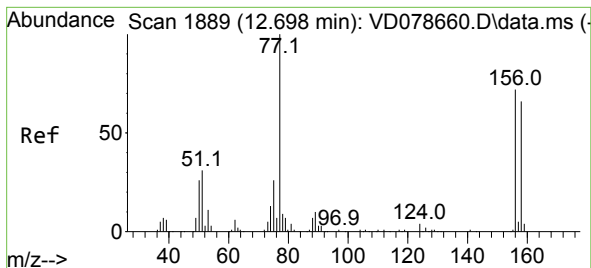
Tgt Ion: 83 Resp: 53258
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 77.121 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 75 Resp: 62365
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.420 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

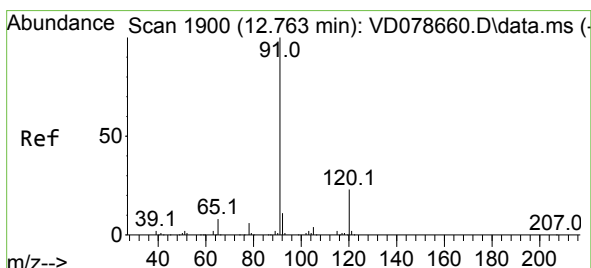
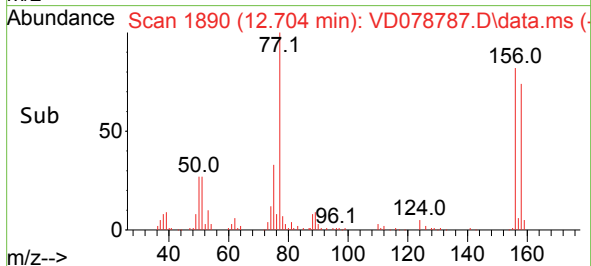
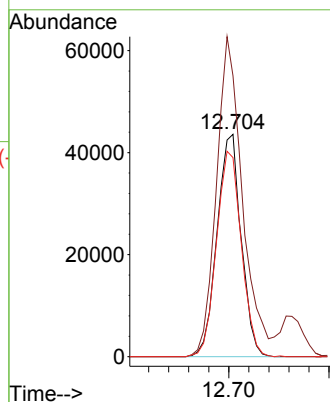
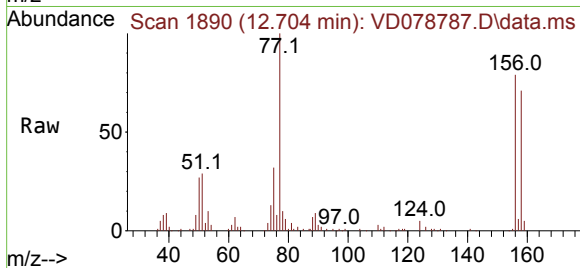
Tgt Ion:156 Resp: 72701

Ion Ratio Lower Upper

156 100

77 154.2 79.1 237.3

158 95.4 47.0 141.0



#78

n-propylbenzene

Concen: 41.319 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078787.D

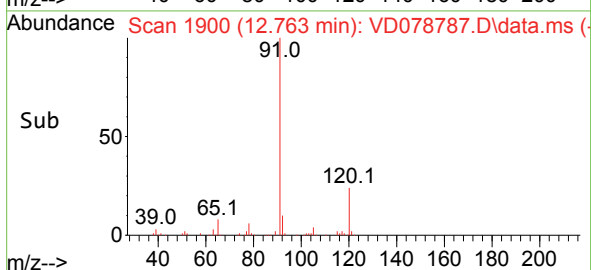
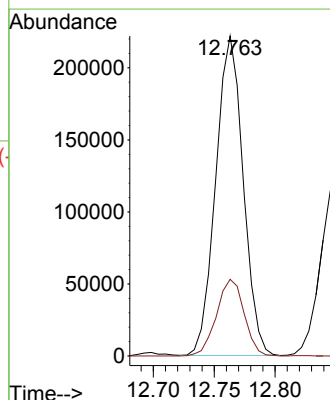
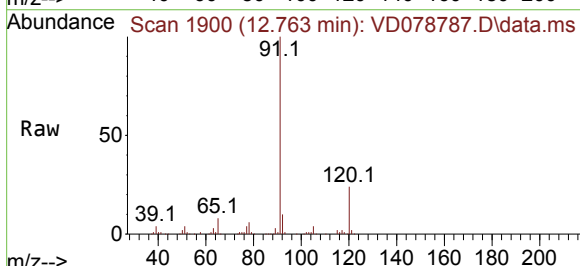
Acq: 28 Mar 2024 21:04

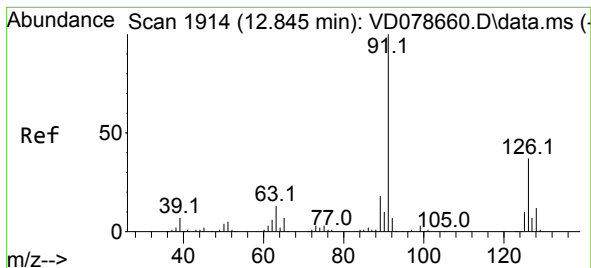
Tgt Ion: 91 Resp: 347575

Ion Ratio Lower Upper

91 100

120 24.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 41.164 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

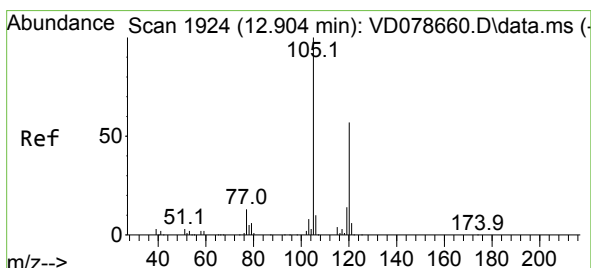
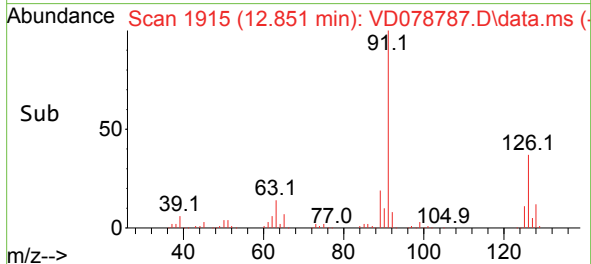
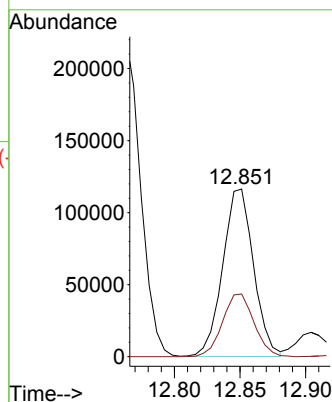
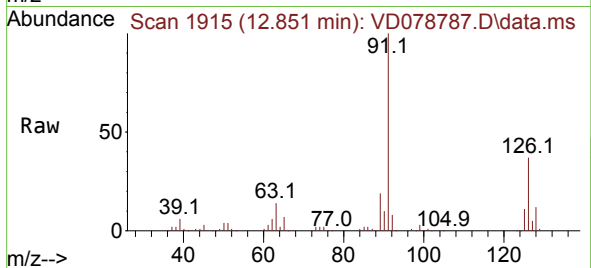
VSTDCCC050EC

Tgt Ion: 91 Resp: 189958

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 42.708 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078787.D

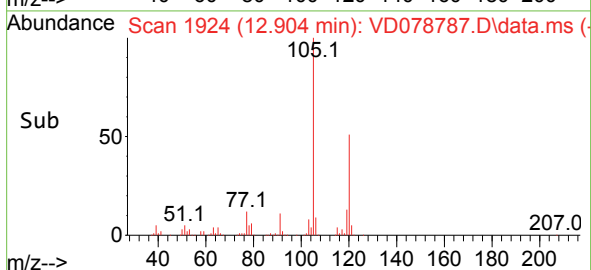
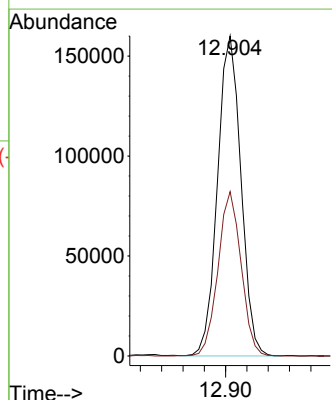
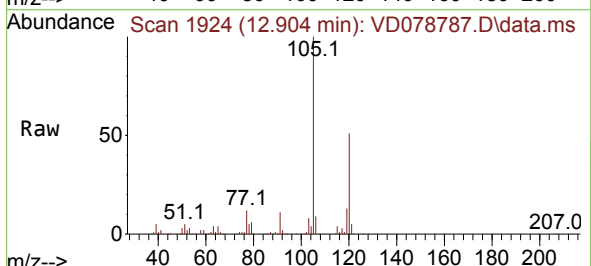
Acq: 28 Mar 2024 21:04

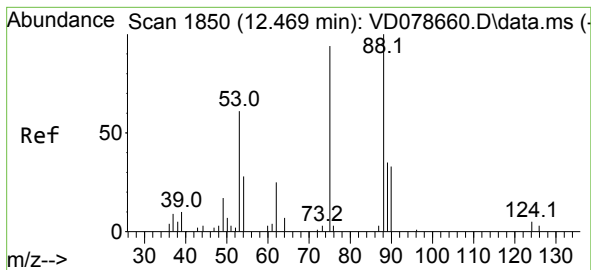
Tgt Ion: 105 Resp: 244067

Ion Ratio Lower Upper

105 100

120 50.7 25.9 77.7

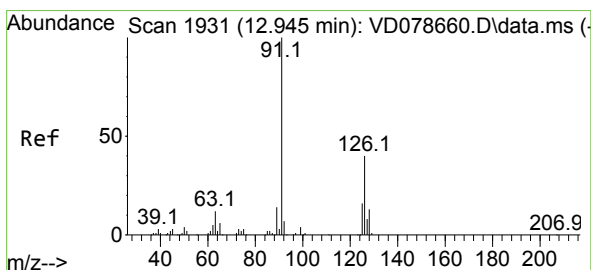
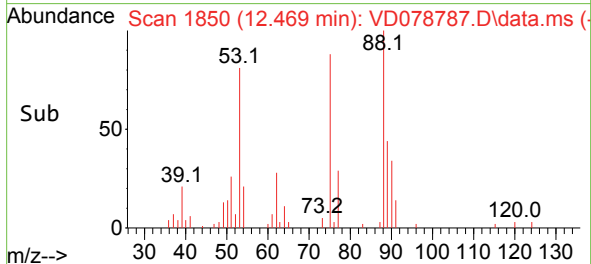
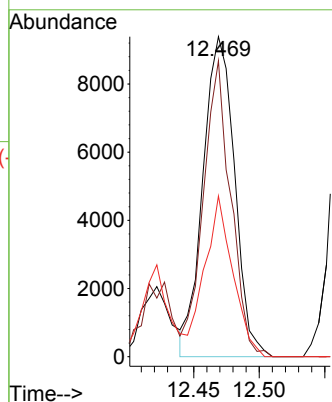
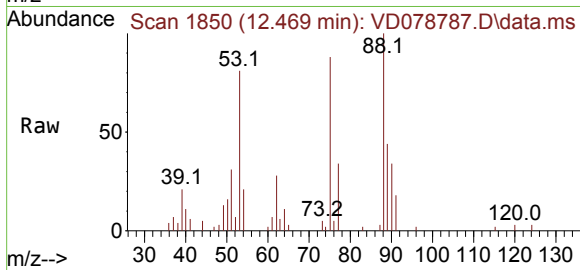




#81
trans-1,4-Dichloro-2-butene
Concen: 40.782 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

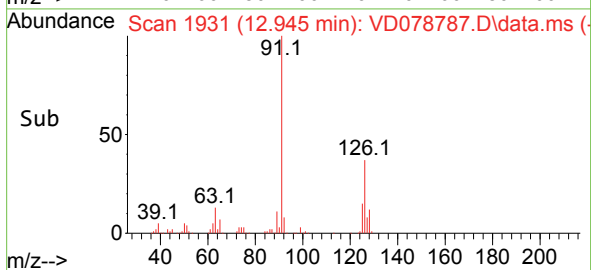
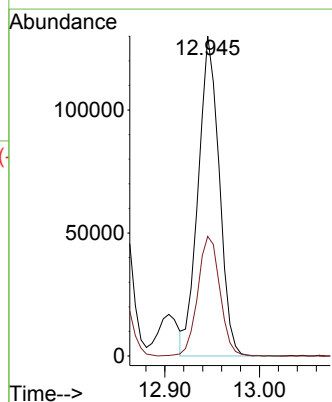
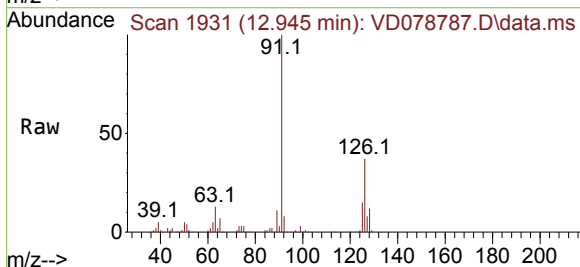
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

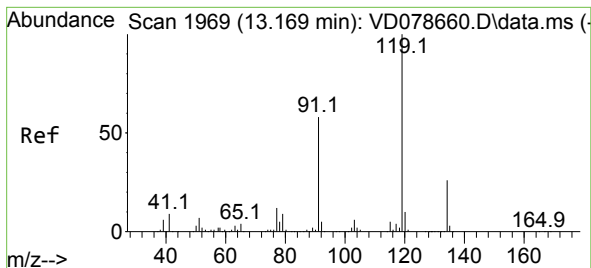
Tgt Ion:	75	Resp:	15733
Ion	Ratio	Lower	Upper
75	100		
53	80.6	61.0	91.6
89	44.3	35.4	53.0



#82
4-Chlorotoluene
Concen: 41.106 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:	91	Resp:	200637
Ion	Ratio	Lower	Upper
91	100		
126	39.5	18.9	56.5

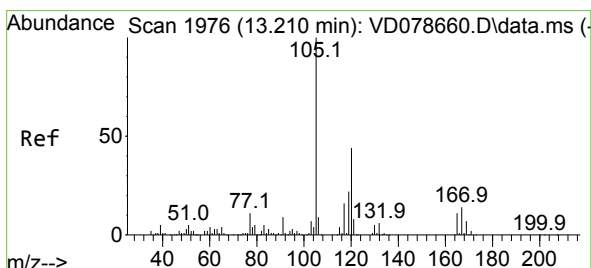
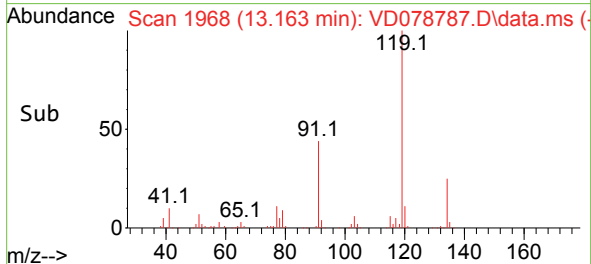
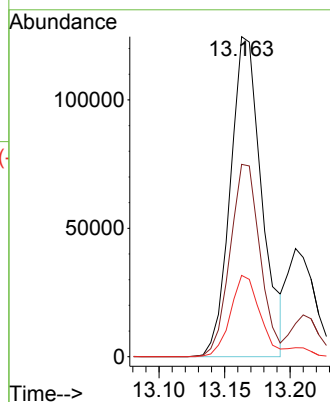
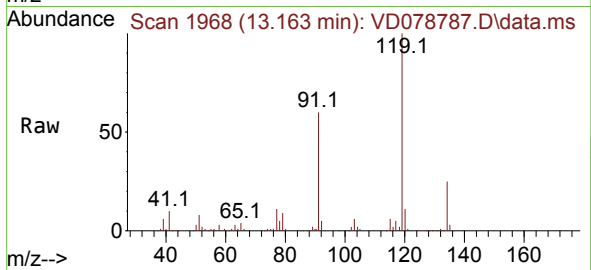




#83
tert-Butylbenzene
Concen: 42.117 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

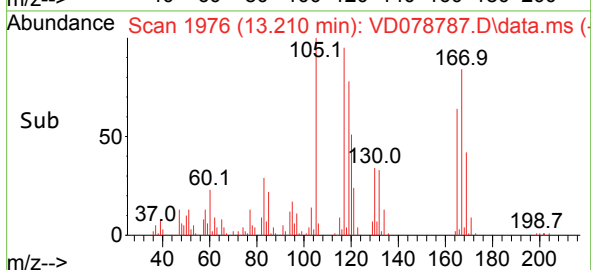
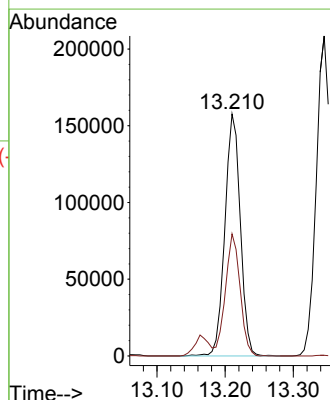
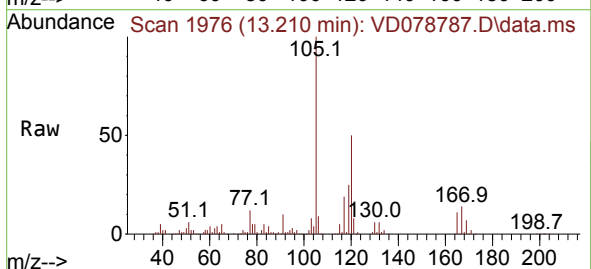
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

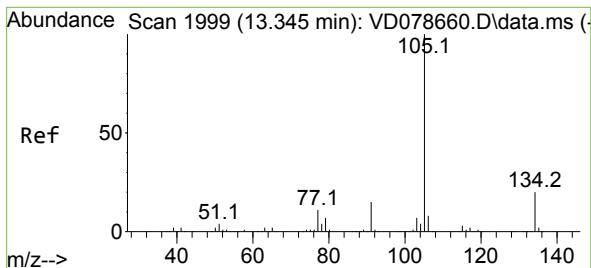
Tgt Ion:119 Resp: 207539
Ion Ratio Lower Upper
119 100
91 57.7 28.9 86.7
134 24.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 43.123 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:105 Resp: 248353
Ion Ratio Lower Upper
105 100
120 48.2 23.1 69.2

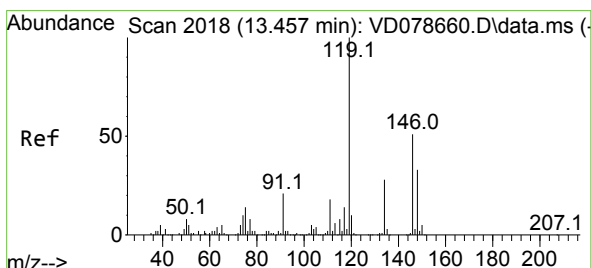
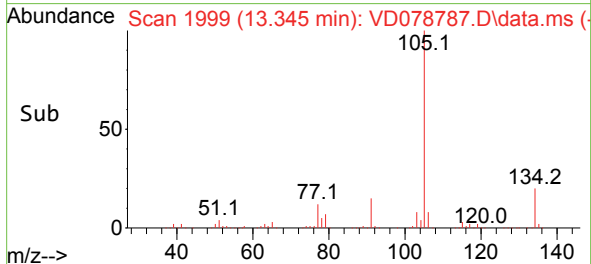
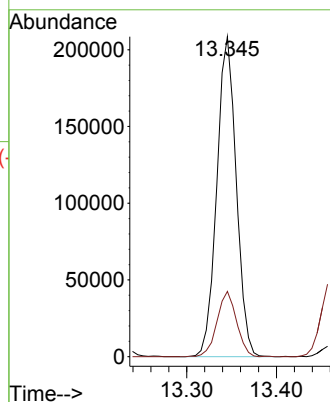
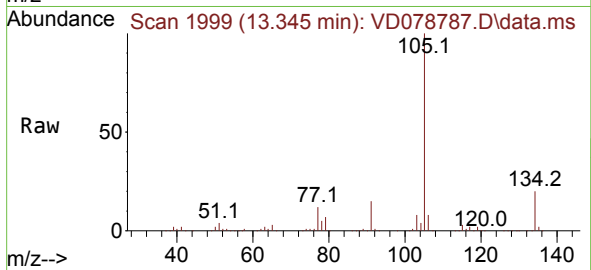




#85
 sec-Butylbenzene
 Concen: 42.036 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

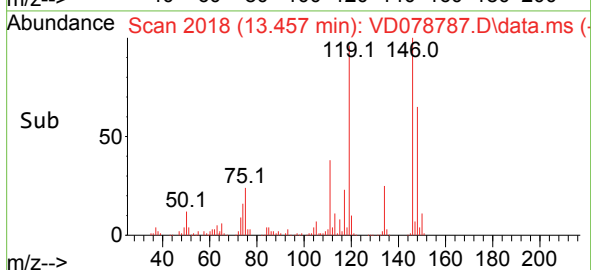
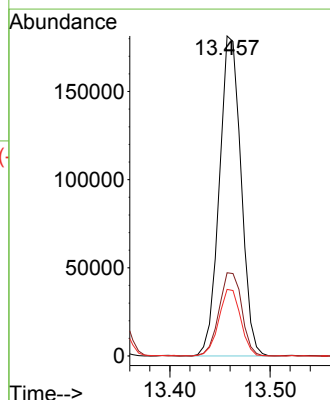
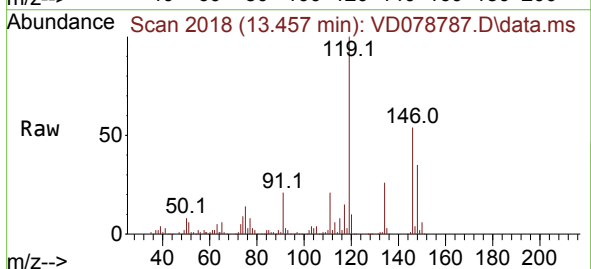
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

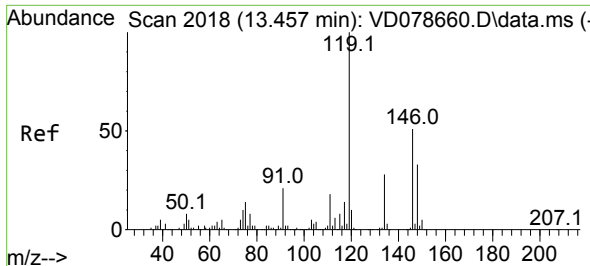
Tgt Ion:105 Resp: 313465
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 42.709 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD078787.D
 Acq: 28 Mar 2024 21:04

Tgt Ion:119 Resp: 272643
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 20.9 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 42.173 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

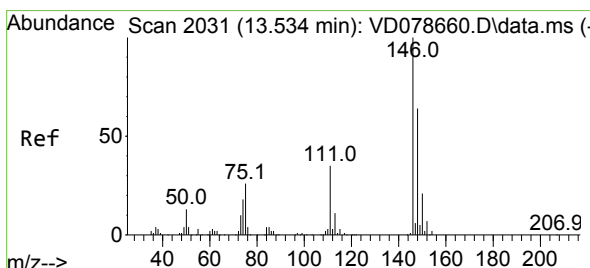
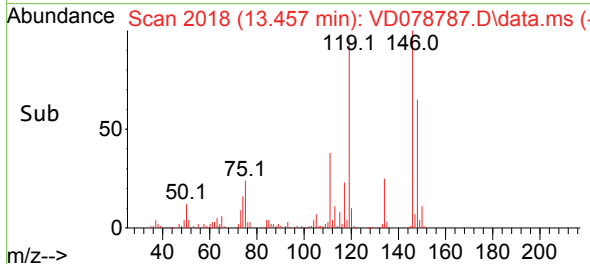
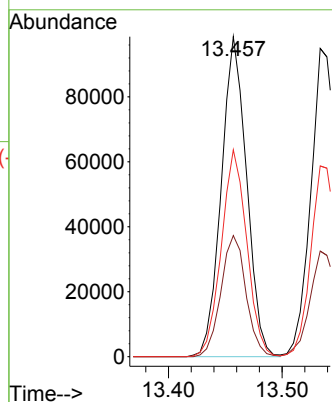
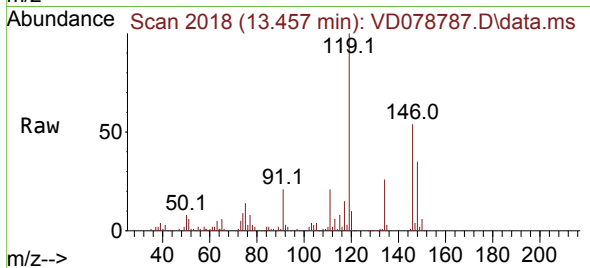
Tgt Ion:146 Resp: 152524

Ion Ratio Lower Upper

146 100

111 37.5 18.2 54.6

148 65.0 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 43.227 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

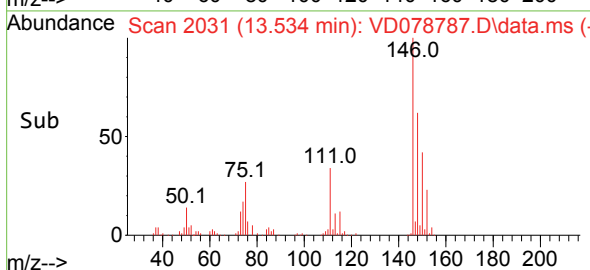
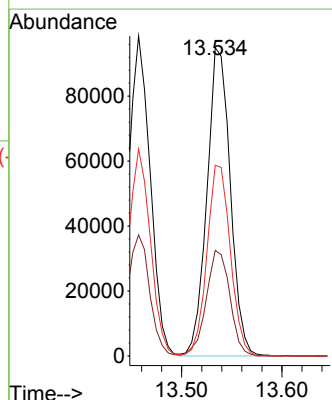
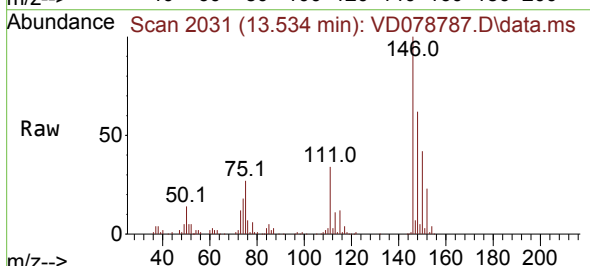
Tgt Ion:146 Resp: 154075

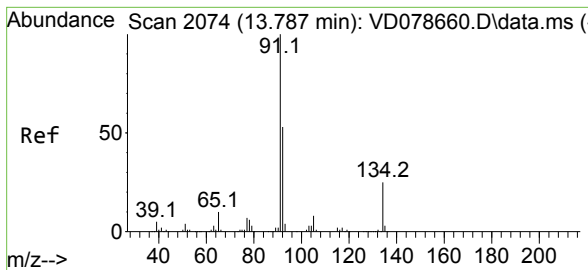
Ion Ratio Lower Upper

146 100

111 34.7 17.8 53.3

148 62.0 32.4 97.0

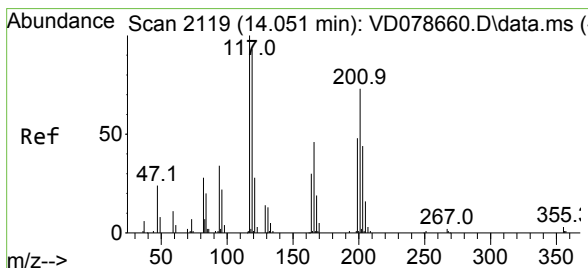
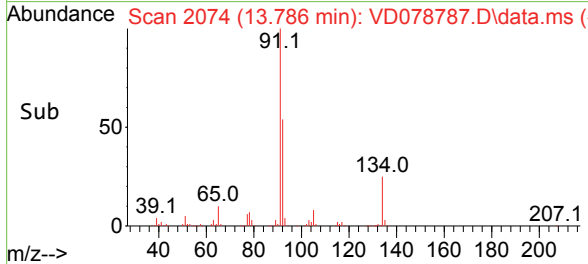
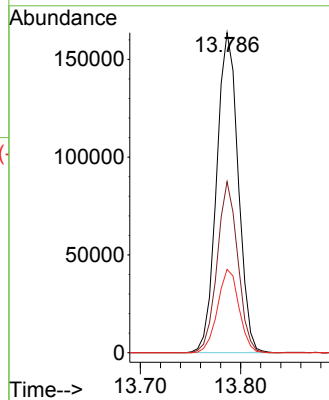
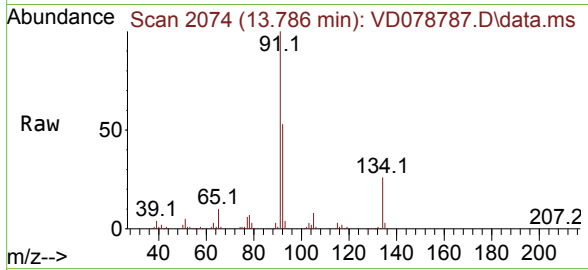




#89
n-Butylbenzene
Concen: 42.431 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

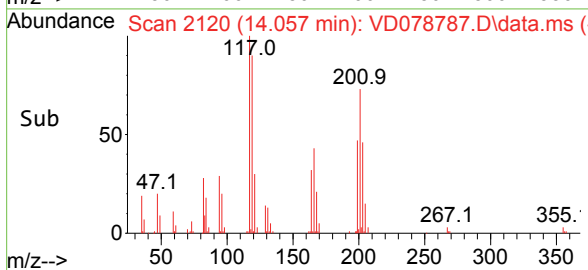
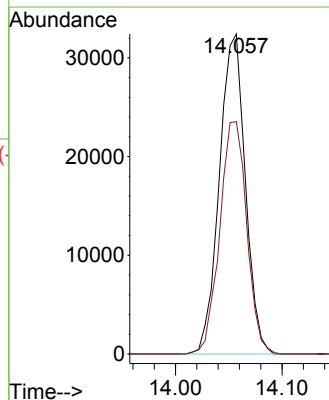
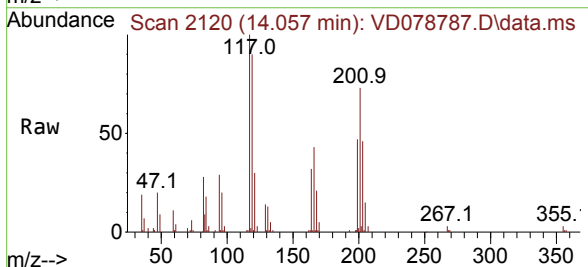
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

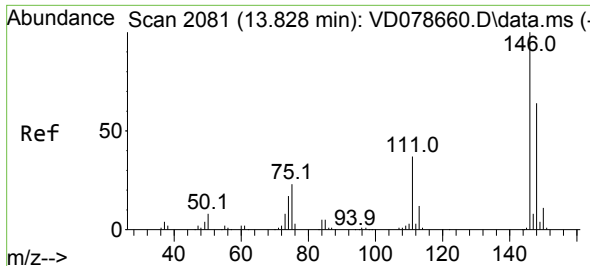
Tgt Ion: 91 Resp: 244629
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 41.521 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 117 Resp: 54845
Ion Ratio Lower Upper
117 100
201 75.5 36.2 108.6

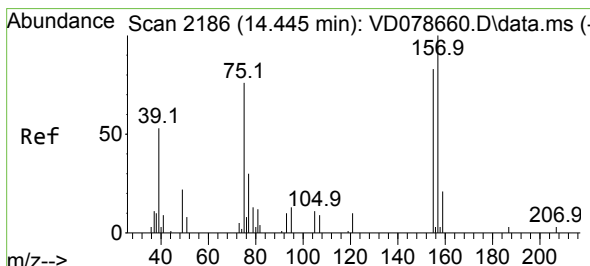
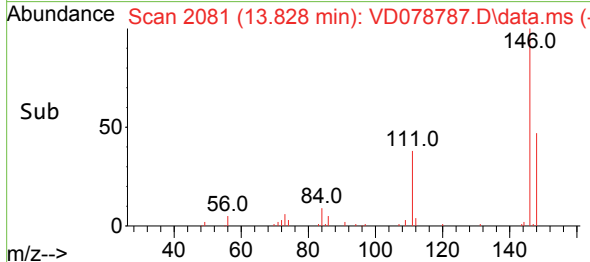
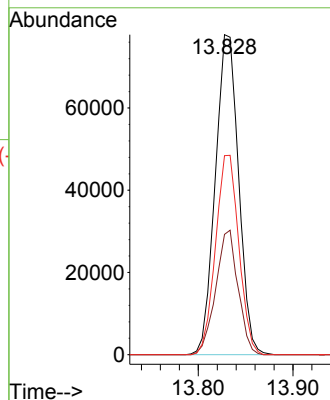
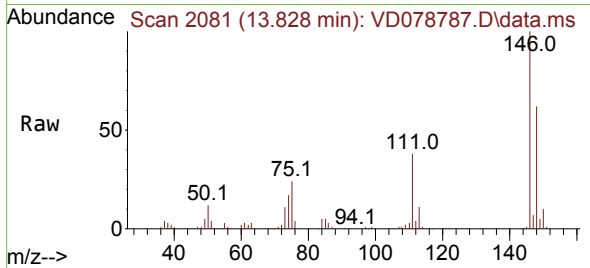




#91
1,2-Dichlorobenzene
Concen: 42.730 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

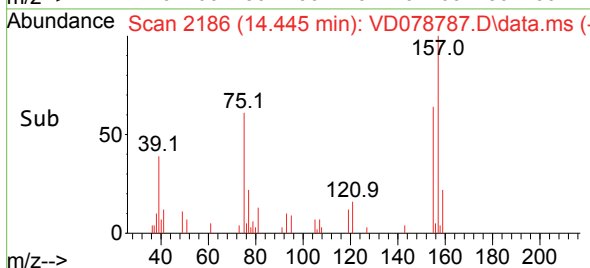
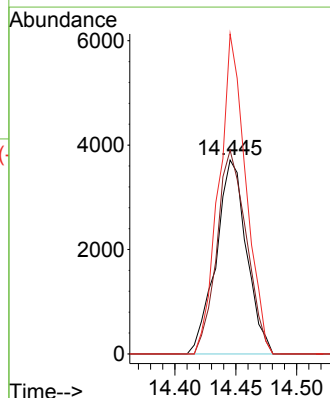
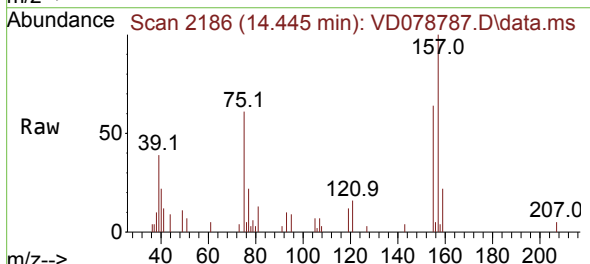
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

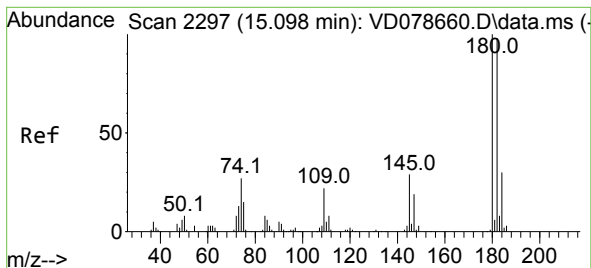
Tgt Ion:146 Resp: 133099
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 62.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 37.911 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion: 75 Resp: 6488
Ion Ratio Lower Upper
75 100
155 102.0 49.8 149.3
157 145.7 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 41.875 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

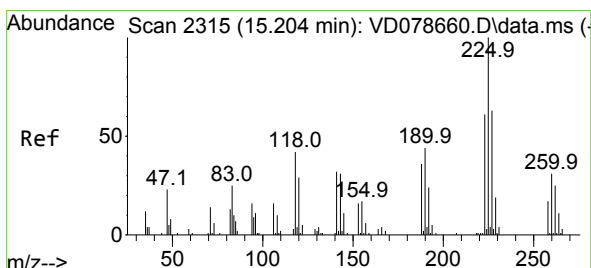
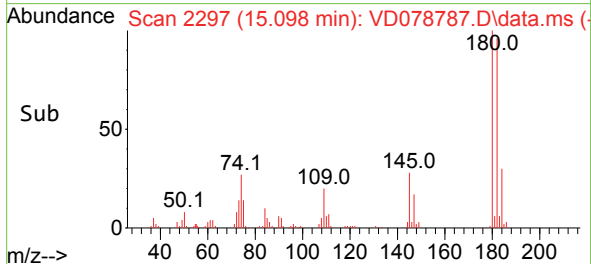
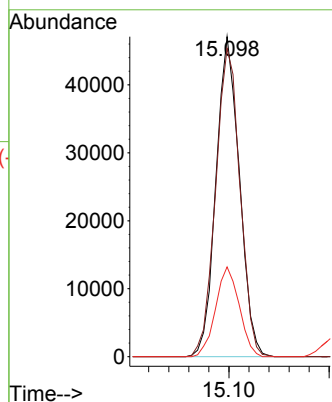
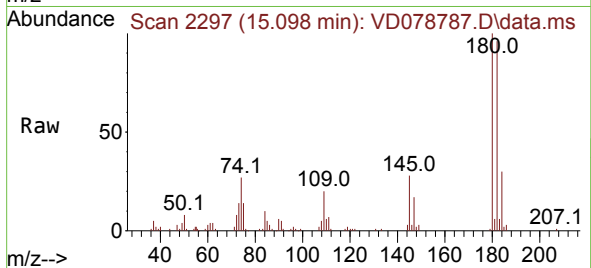
Tgt Ion:180 Resp: 76124

Ion Ratio Lower Upper

180 100

182 100.1 49.7 149.1

145 28.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 41.324 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078787.D

Acq: 28 Mar 2024 21:04

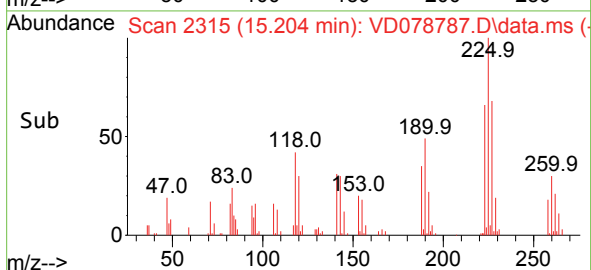
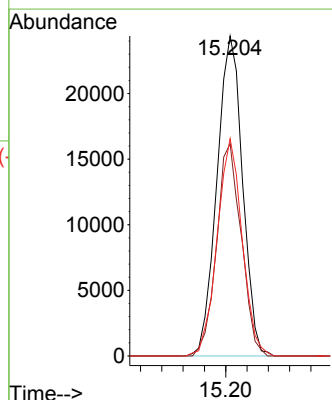
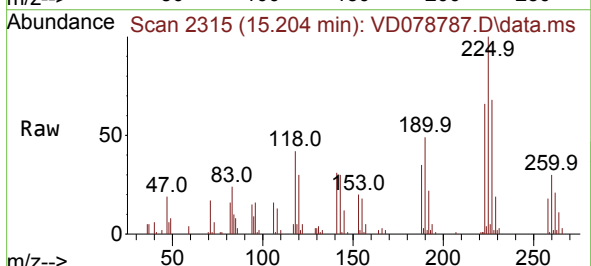
Tgt Ion:225 Resp: 40670

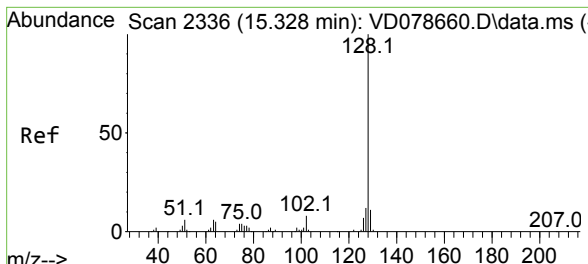
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.7

227 66.1 32.0 96.0

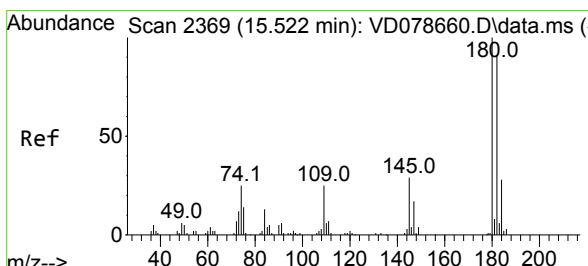
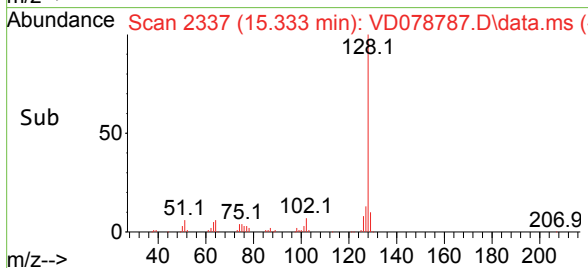
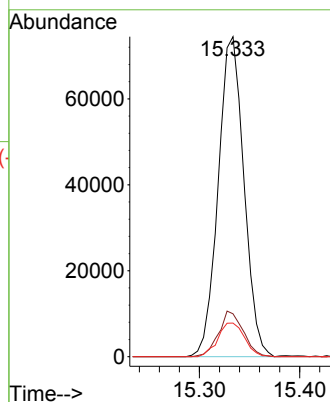
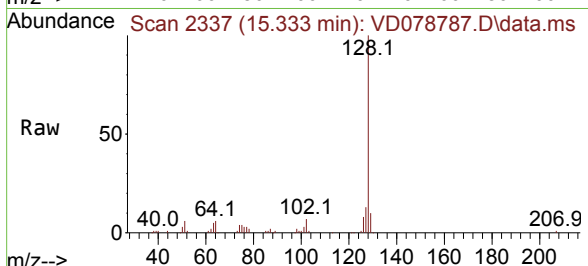




#95
Naphthalene
Concen: 41.941 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	132559
Ion Ratio	Lower	Upper	
128	100		
127	13.4	9.3	13.9
129	10.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 42.783 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078787.D
Acq: 28 Mar 2024 21:04

Tgt Ion:	180	Resp:	67284
Ion Ratio	Lower	Upper	
180	100		
182	98.6	46.7	140.1
145	31.0	14.4	43.4

