

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD079006.D
 Acq On : 23 May 2024 15:58
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:16:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	157906	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	155286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	113944	29.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.760%
7) Chloroethane-d5	2.799	69	117195	28.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.120%
11) 1,1-Dichloroethene-d2	3.916	65	19064	25.247	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.000%
21) 2-Butanone-d5	6.981	46	10720	19.565	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.140%
24) Chloroform-d	7.569	84	106877	22.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.228	65	49622	22.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.198	84	218840	27.619	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.480%
36) 1,2-Dichloropropane-d6	9.210	67	60346	24.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.269	98	204900	28.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.240%
43) trans-1,3-Dichloroprop...	10.528	79	25707	23.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	10.875	63	17690	36.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.120%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57000	20.755	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	67460	23.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	54745	17.328	ug/L	100
3) Chloromethane	2.146	50	80187	20.685	ug/L	94
5) Vinyl chloride	2.281	62	134468	21.200	ug/L	99
6) Bromomethane	2.693	94	90741	20.005	ug/L	97
8) Chloroethane	2.834	64	106086	21.657	ug/L	98
9) Trichlorofluoromethane	3.169	101	99869	20.189	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	64748	20.648	ug/L #	84
12) 1,1-Dichloroethene	3.934	96	50867	18.631	ug/L	94
13) Acetone	4.016	43	20932	31.626	ug/L	99
14) Carbon disulfide	4.269	76	138896	17.555	ug/L	99
15) Methyl Acetate	4.563	43	22347	20.781	ug/L	97
16) Methylene chloride	4.793	84	76236	20.382	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	62175	22.365	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	131312	22.170	ug/L	99
19) 1,1-Dichloroethane	6.110	63	110527	23.670	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	71739	22.624	ug/L	97
22) 2-Butanone	7.075	43	28806	37.855	ug/L	94
23) Bromochloromethane	7.422	128	34651	21.869	ug/L #	86
25) Chloroform	7.593	83	129683	23.106	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

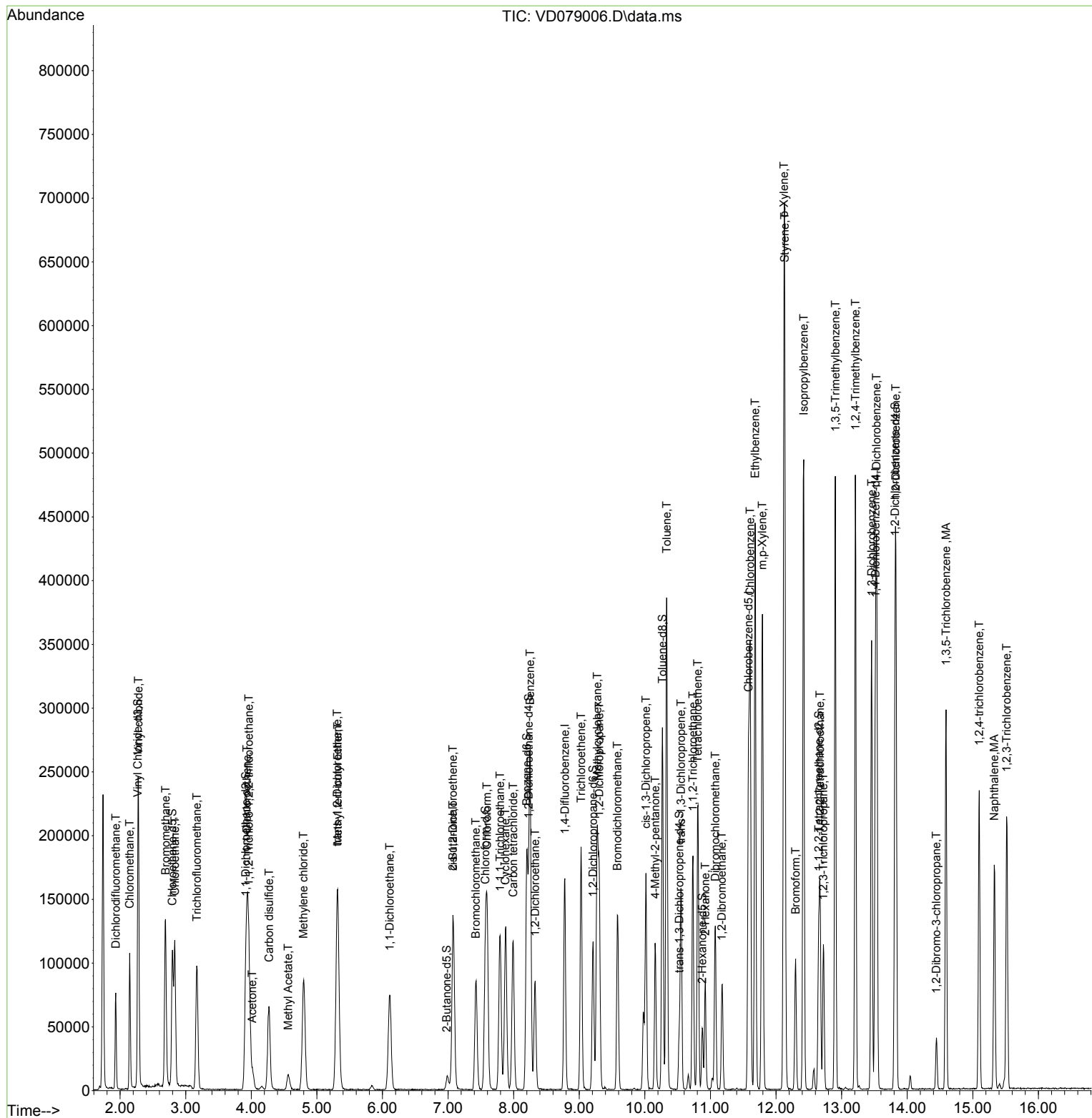
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	73582	22.636	ug/L	98
29) Cyclohexane	7.875	56	61700	20.674	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	104863	24.408	ug/L	97
31) Carbon tetrachloride	7.993	117	93793	23.710	ug/L	96
33) Benzene	8.251	78	267340	25.116	ug/L	100
34) Trichloroethene	9.028	95	66238	24.155	ug/L	97
35) Methylcyclohexane	9.275	83	87050	21.114	ug/L	99
37) 1,2-Dichloropropane	9.304	63	68464	25.380	ug/L	100
38) Bromodichloromethane	9.581	83	95219	24.962	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	102578	24.241	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	67706	49.690	ug/L	97
42) Toluene	10.334	91	303956	25.973	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	92393	24.697	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	61974	25.125	ug/L	92
46) Tetrachloroethene	10.804	164	53452	22.655	ug/L	98
48) 2-Hexanone	10.922	43	45452	43.031	ug/L	99
49) Dibromochloromethane	11.075	129	73052	24.360	ug/L	96
50) 1,2-Dibromoethane	11.175	107	56926	24.431	ug/L	92
51) Chlorobenzene	11.604	112	200995	24.311	ug/L	98
52) Ethylbenzene	11.681	91	323062	25.578	ug/L	96
53) m,p-Xylene	11.792	106	127507	25.235	ug/L	95
54) o-Xylene	12.122	106	126612	25.727	ug/L	97
55) Styrene	12.134	104	234836	27.003	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	76024	25.411	ug/L	99
59) Bromoform	12.298	173	46508	23.937	ug/L	97
60) Isopropylbenzene	12.422	105	331137	26.090	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	48518	24.656	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	253348	27.005	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	253134	26.554	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	153632	24.924	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	161487	24.300	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	145615	24.960	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9717	23.705	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	97381	24.325	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	77223	22.786	ug/L	98
71) Naphthalene	15.328	128	159056	23.003	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	75350	23.787	ug/L	98

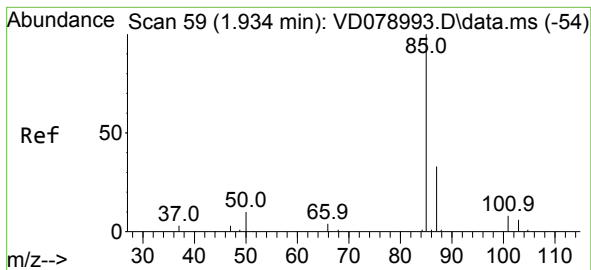
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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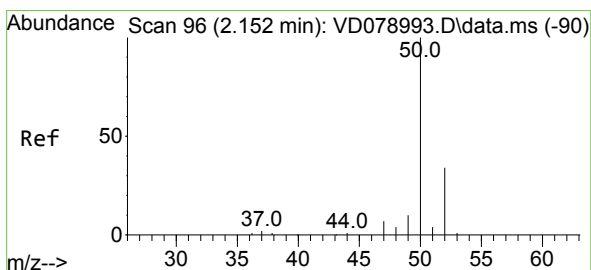
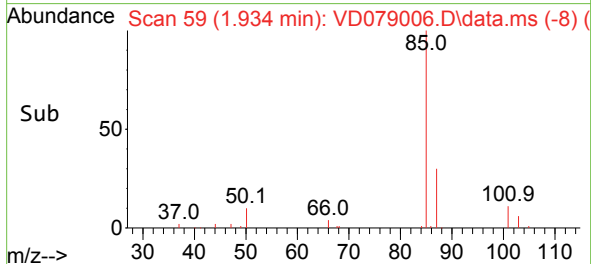
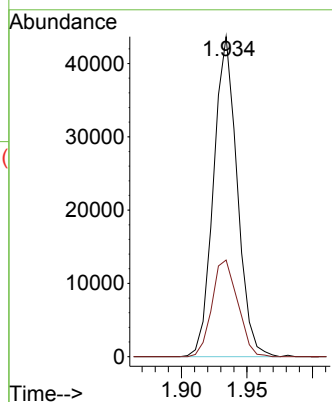
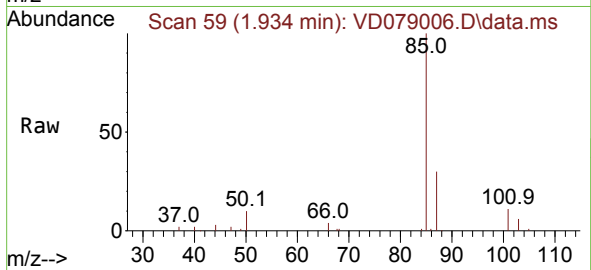




#2
 Dichlorodifluoromethane
 Concen: 17.328 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

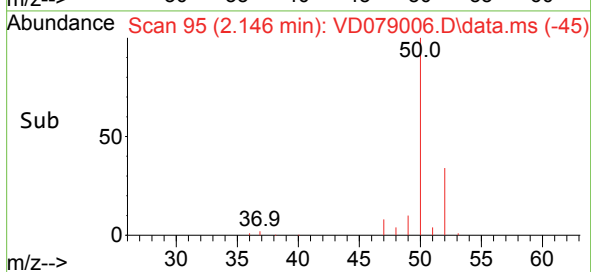
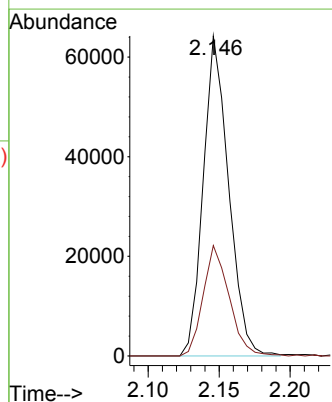
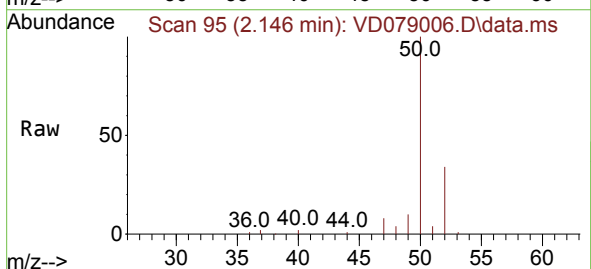
Instrument :
 MSVOA_D
 ClientSampleId :

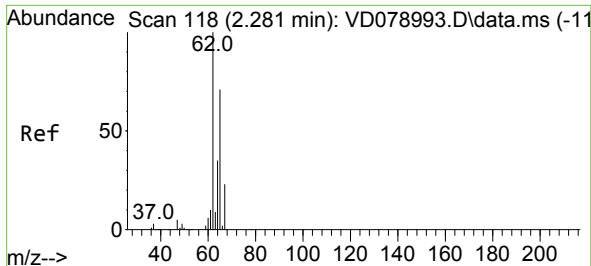
Tgt Ion: 85 Resp: 54745
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 20.685 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

Tgt Ion: 50 Resp: 80187
 Ion Ratio Lower Upper
 50 100
 52 34.5 26.5 49.3

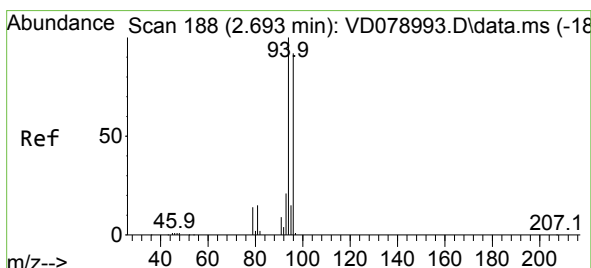
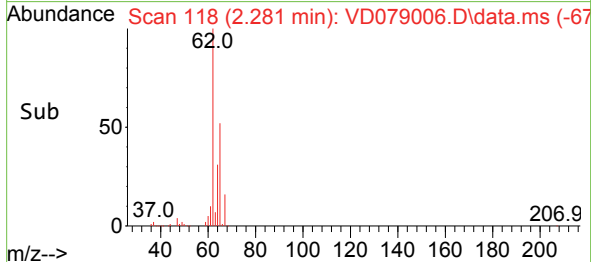
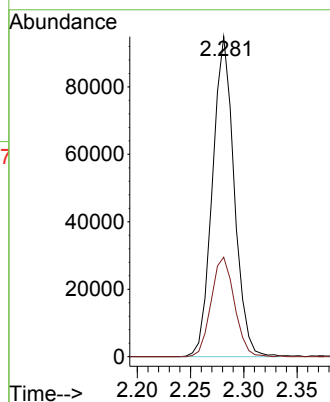
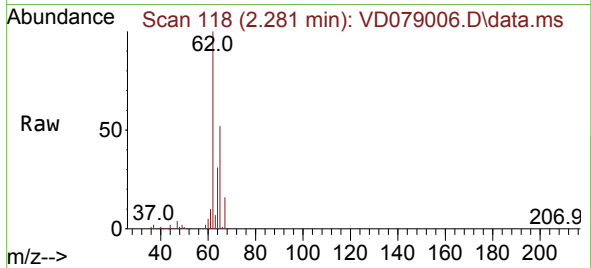




#5
 Vinyl chloride
 Concen: 21.200 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

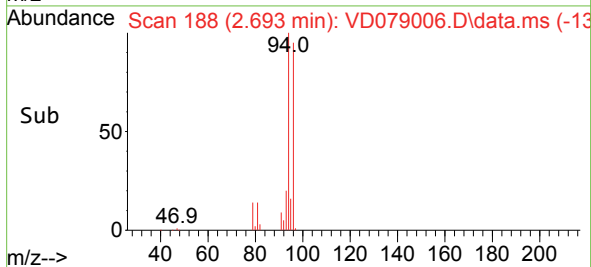
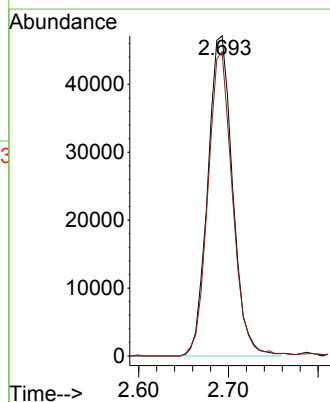
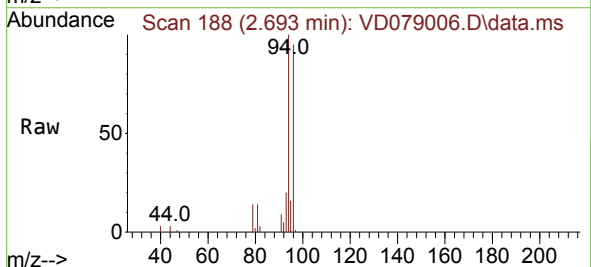
Instrument :
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 ClientSampleId :

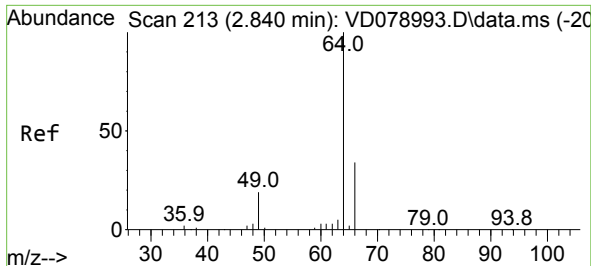
Tgt Ion: 62 Resp: 134468
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.3 41.3



#6
 Bromomethane
 Concen: 20.005 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

Tgt Ion: 94 Resp: 90741
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.0 128.1

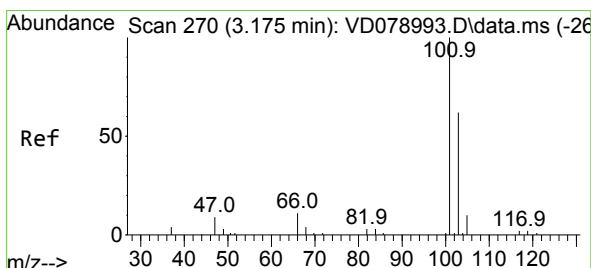
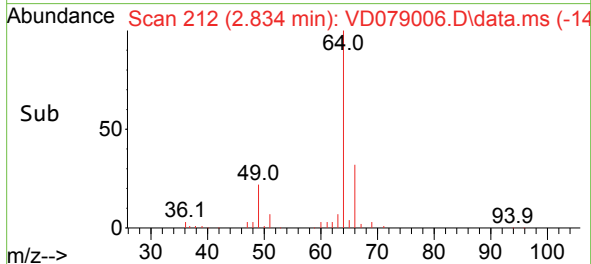
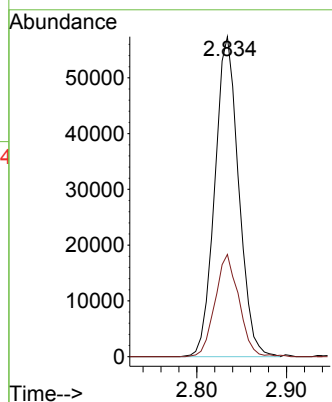
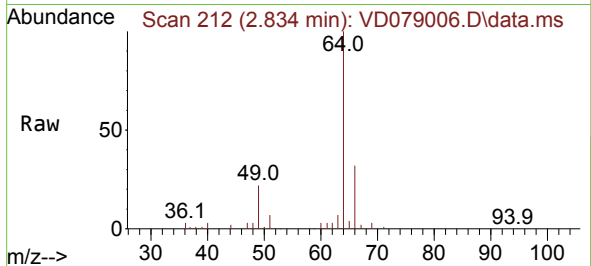




#8
Chloroethane
Concen: 21.657 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

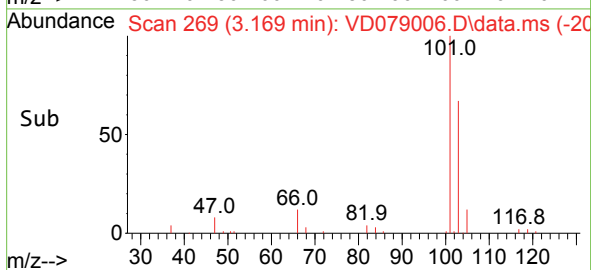
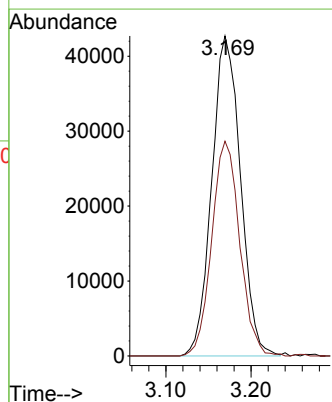
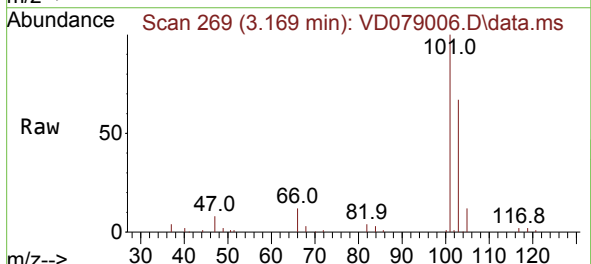
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MSVOA_D
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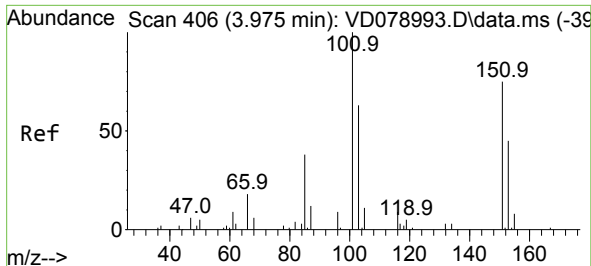
Tgt Ion: 64 Resp: 106086
Ion Ratio Lower Upper
64 100
66 31.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 20.189 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:101 Resp: 99869
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

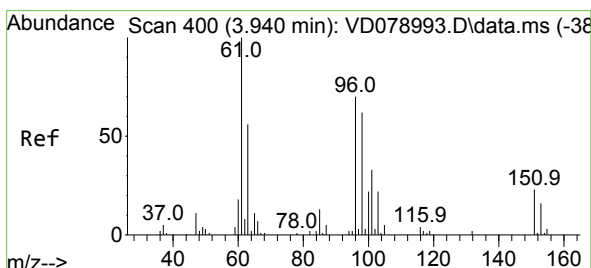
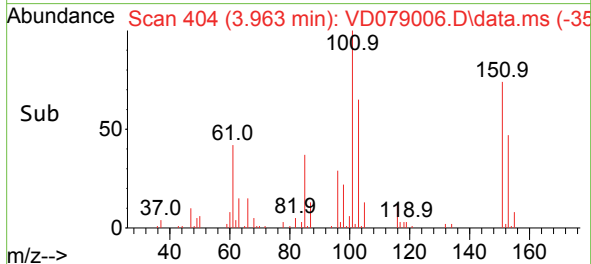
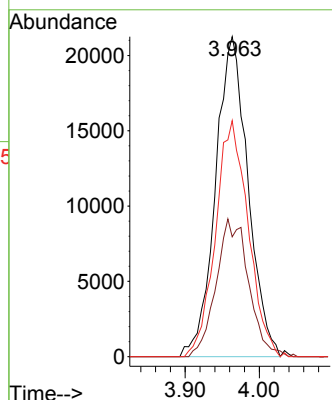
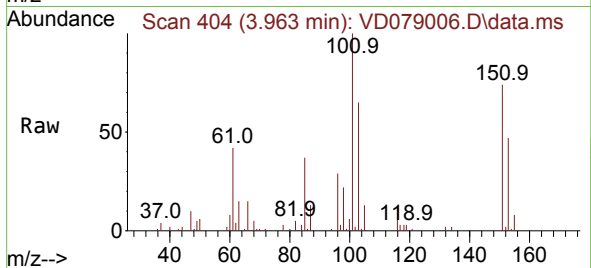




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.648 ug/L
 RT: 3.963 min Scan# 406
 Delta R.T. -0.012 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

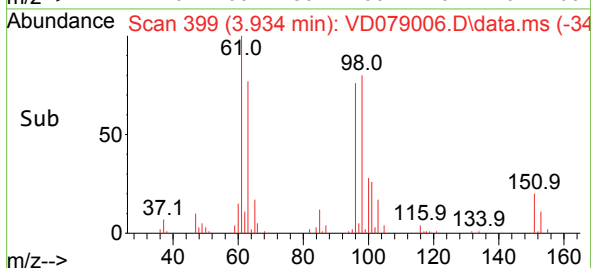
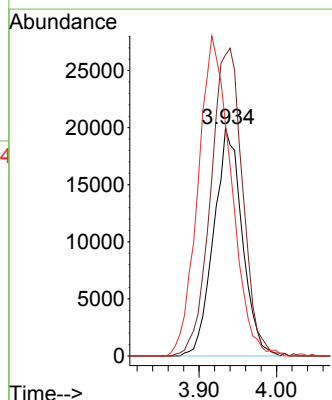
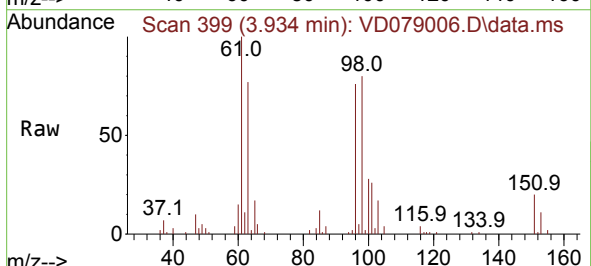
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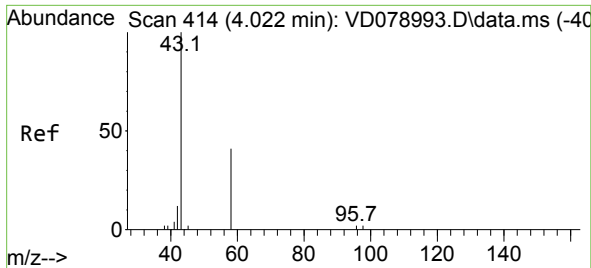
Tgt Ion:101 Resp: 64748
 Ion Ratio Lower Upper
 101 100
 85 23.1 36.2 54.2#
 151 74.1 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 18.631 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

Tgt Ion: 96 Resp: 50867
 Ion Ratio Lower Upper
 96 100
 61 132.3 98.6 183.0
 63 102.0 68.3 126.8





#13

Acetone

Concen: 31.626 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

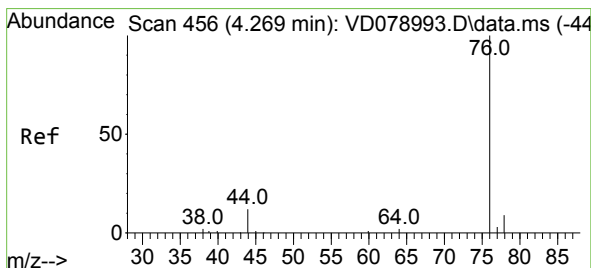
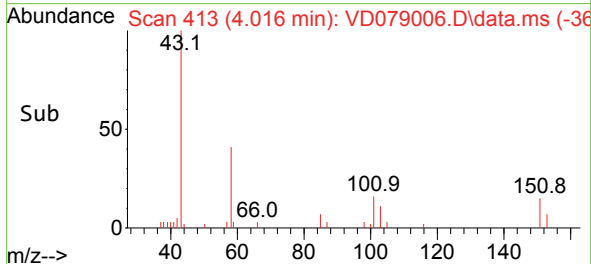
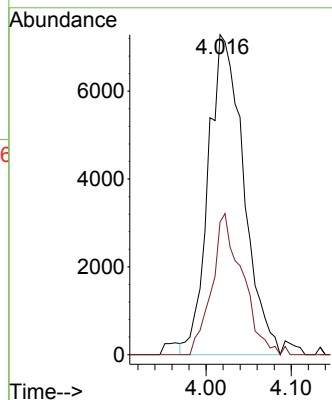
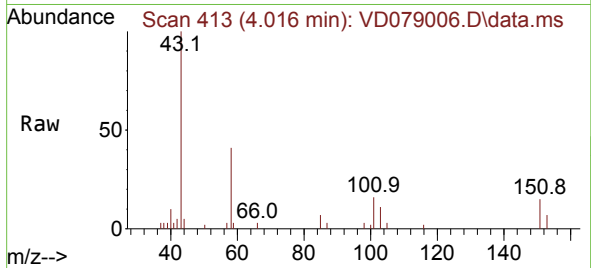
ClientSampleId :

Tgt Ion: 43 Resp: 20932

Ion Ratio Lower Upper

43 100

58 38.1 0.0 75.0



#14

Carbon disulfide

Concen: 17.555 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079006.D

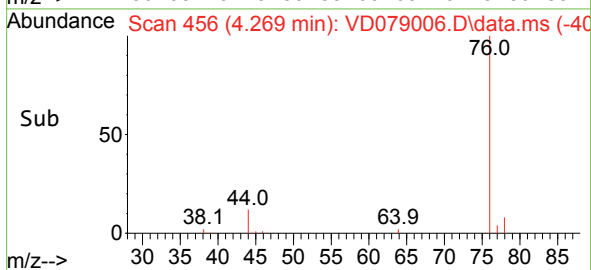
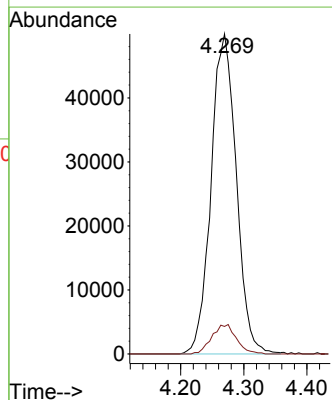
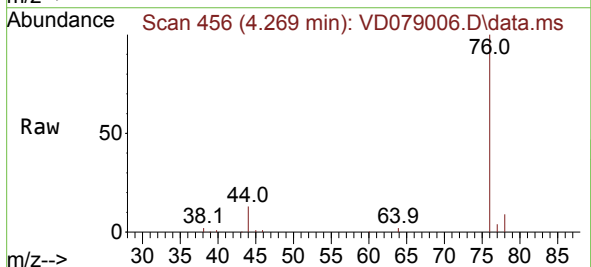
Acq: 23 May 2024 15:58

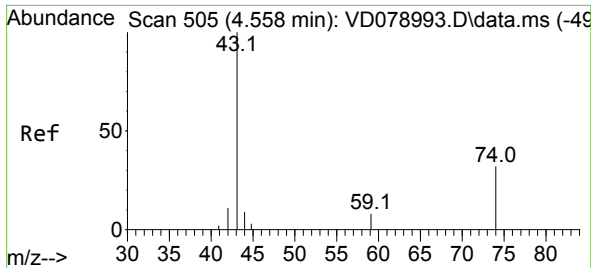
Tgt Ion: 76 Resp: 138896

Ion Ratio Lower Upper

76 100

78 8.6 6.5 9.7

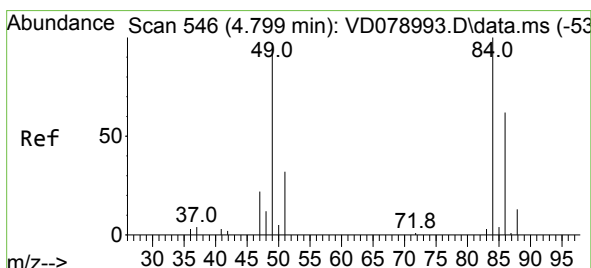
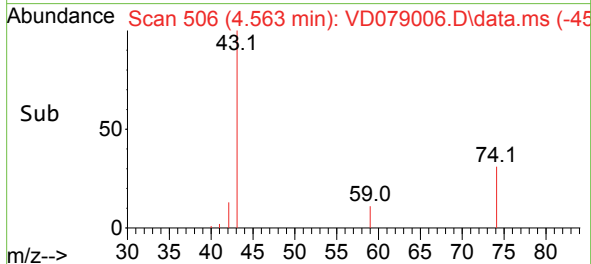
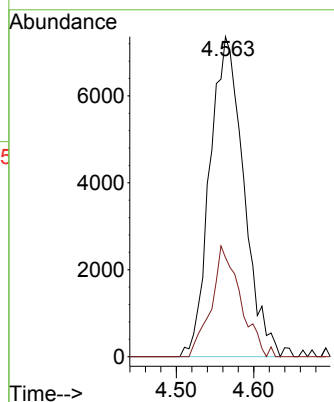
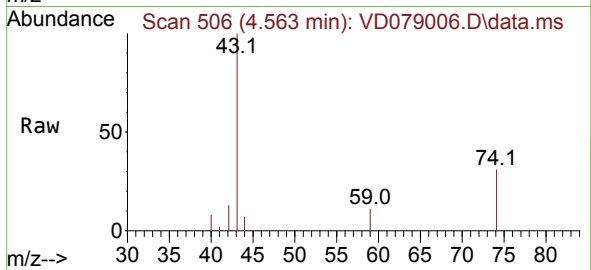




#15
Methyl Acetate
Concen: 20.781 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

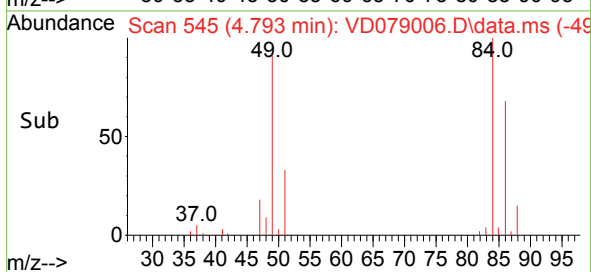
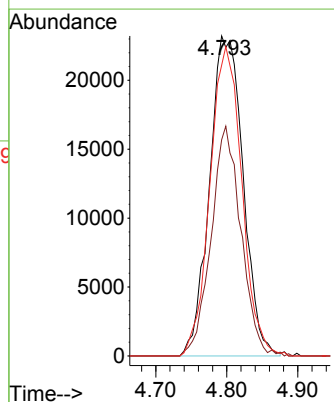
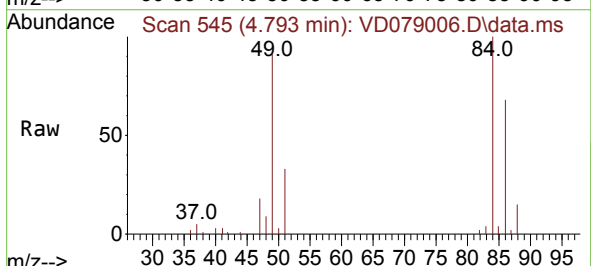
Instrument :
MSVOA_D
ClientSampleId :

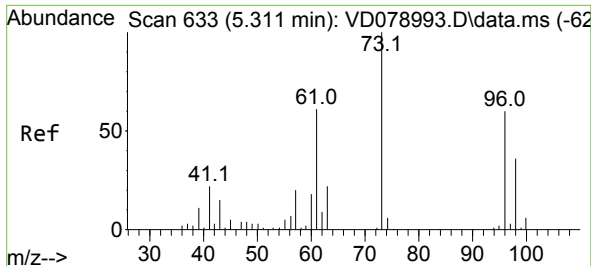
Tgt Ion: 43 Resp: 22347
Ion Ratio Lower Upper
43 100
74 29.5 25.1 37.7



#16
Methylene chloride
Concen: 20.382 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 84 Resp: 76236
Ion Ratio Lower Upper
84 100
86 67.6 43.7 81.1
49 90.8 64.0 119.0

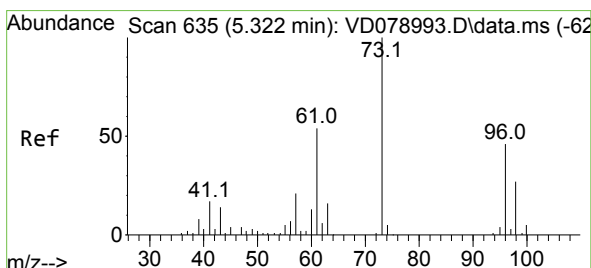
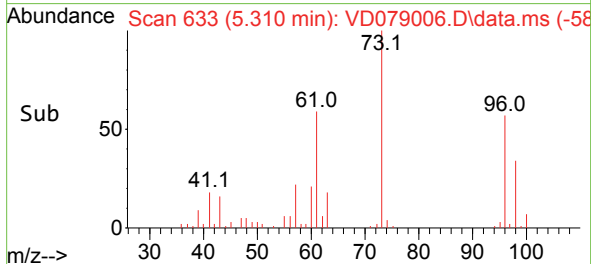
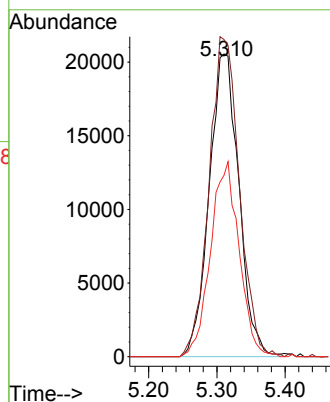
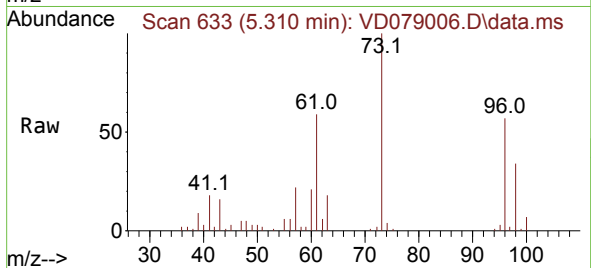




#17
trans-1,2-Dichloroethene
Concen: 22.365 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

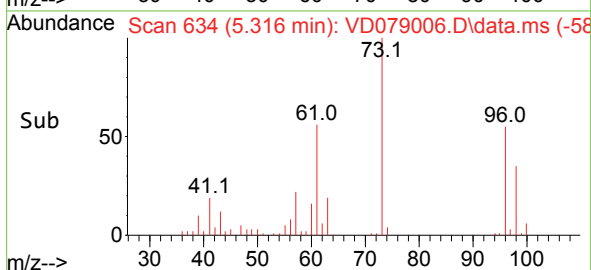
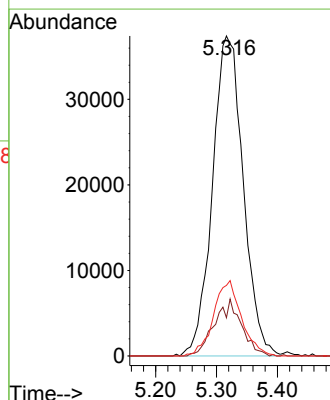
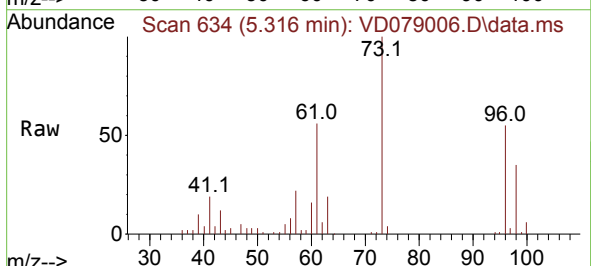
Instrument :
MSVOA_D
ClientSampleId :

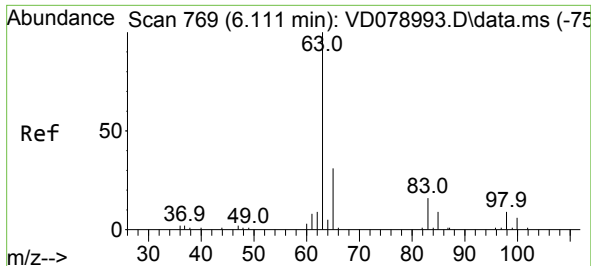
Tgt Ion: 96 Resp: 62175
Ion Ratio Lower Upper
96 100
61 104.7 75.5 140.1
98 59.9 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 22.170 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 73 Resp: 131312
Ion Ratio Lower Upper
73 100
43 7.8 6.7 10.1
57 21.4 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.670 ug/L

RT: 6.110 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :

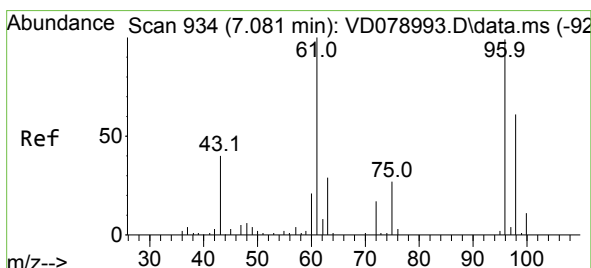
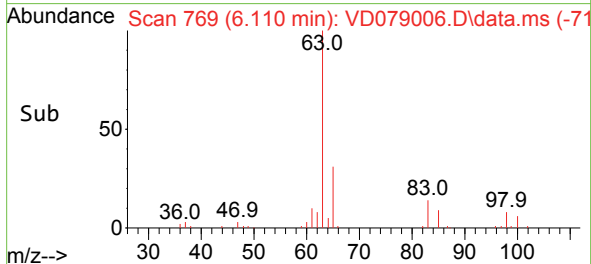
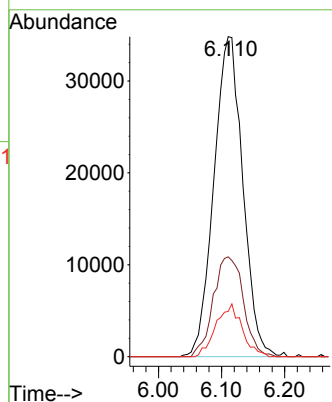
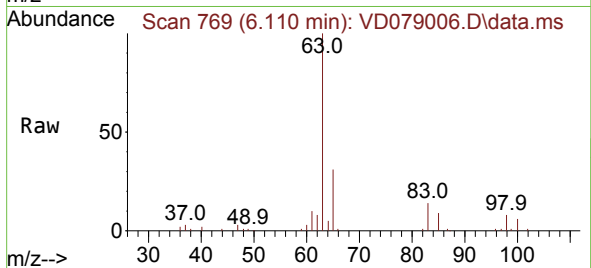
Tgt Ion: 63 Resp: 110527

Ion Ratio Lower Upper

63 100

65 31.2 23.5 43.7

83 14.2 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 22.624 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

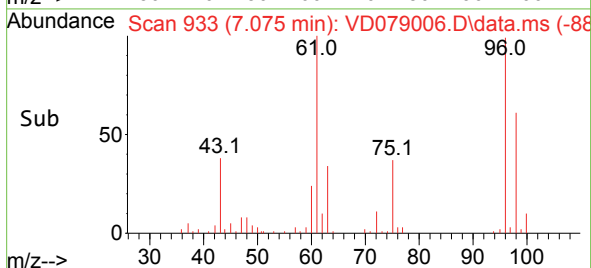
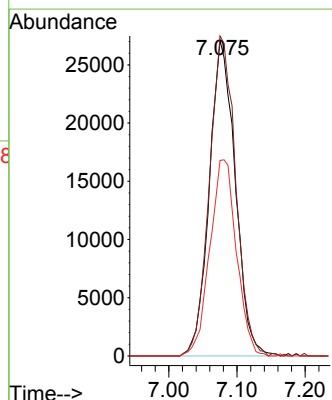
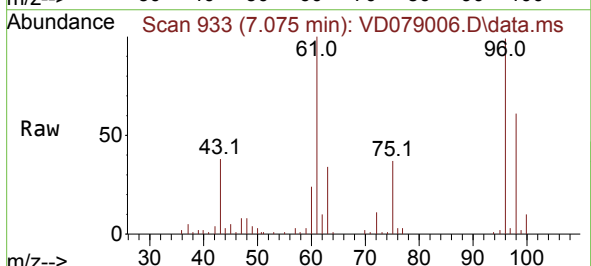
Tgt Ion: 96 Resp: 71739

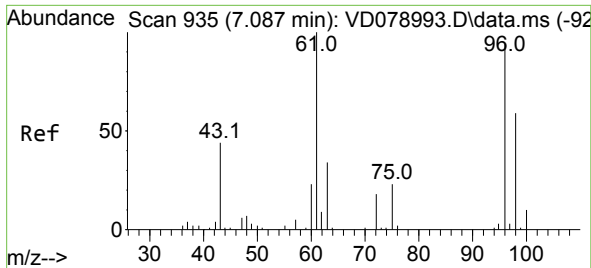
Ion Ratio Lower Upper

96 100

61 101.4 71.6 133.0

98 62.0 40.1 74.5

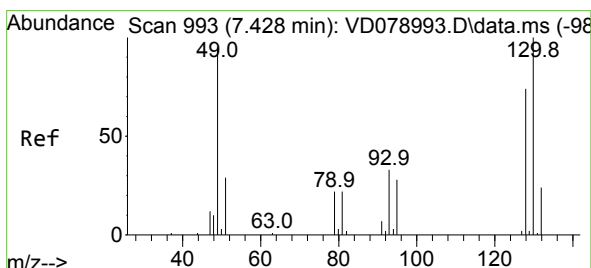
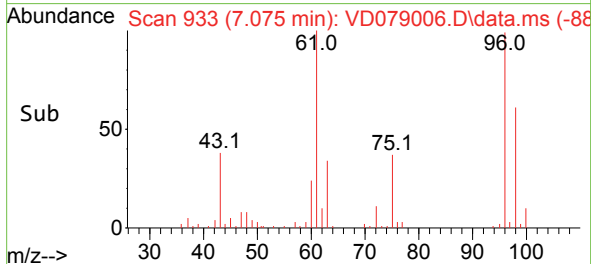
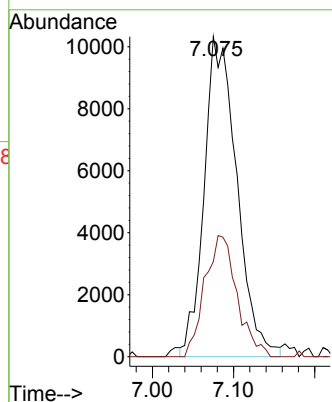
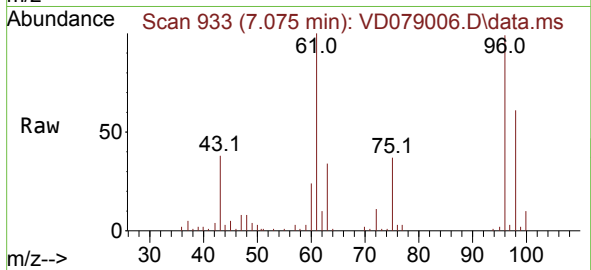




#22
2-Butanone
Concen: 37.855 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

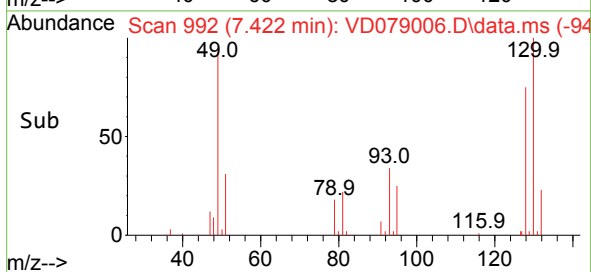
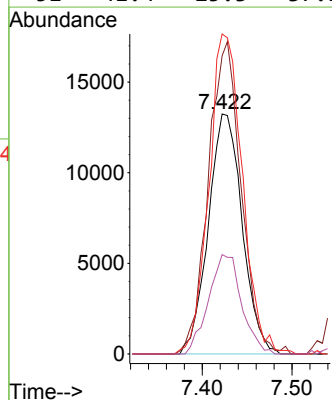
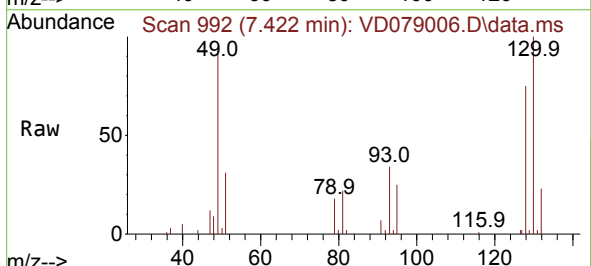
Instrument :
MSVOA_D
ClientSampleId :

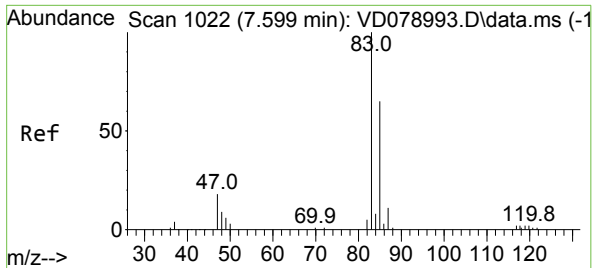
Tgt Ion: 43 Resp: 28806
Ion Ratio Lower Upper
43 100
72 37.4 17.1 51.2



#23
Bromochloromethane
Concen: 21.869 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:128 Resp: 34651
Ion Ratio Lower Upper
128 100
49 124.2 77.3 143.5
130 133.3 83.4 154.8
51 41.4 25.3 37.9#

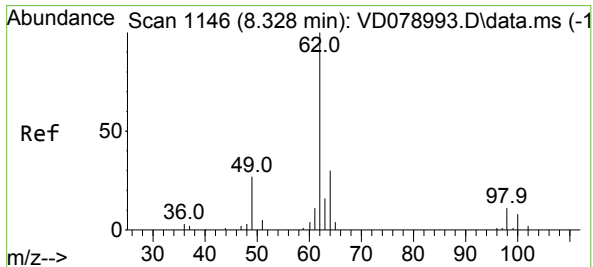
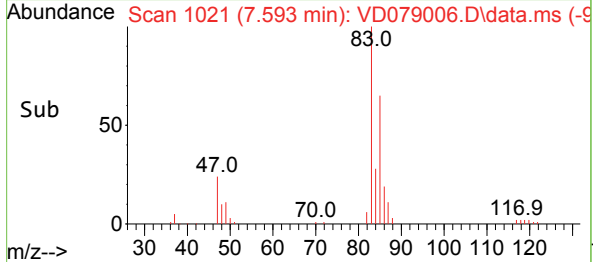
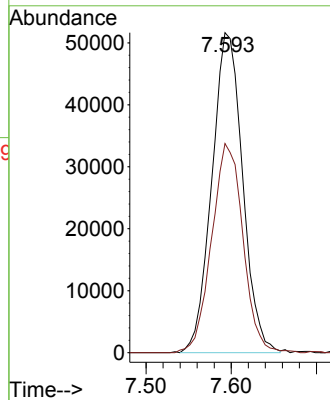
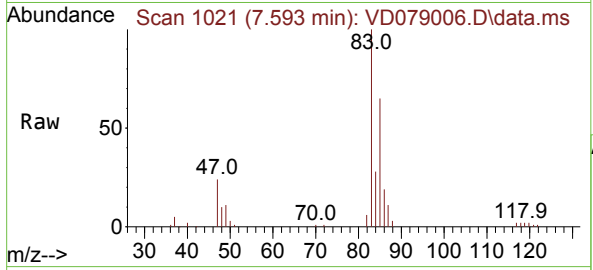




#25
Chloroform
Concen: 23.106 ug/L
RT: 7.593 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

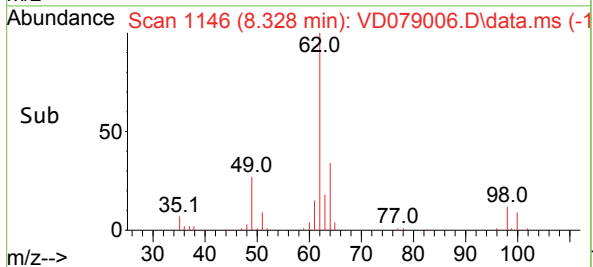
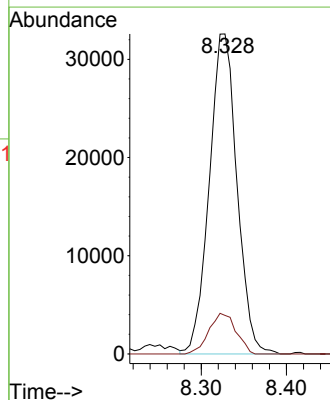
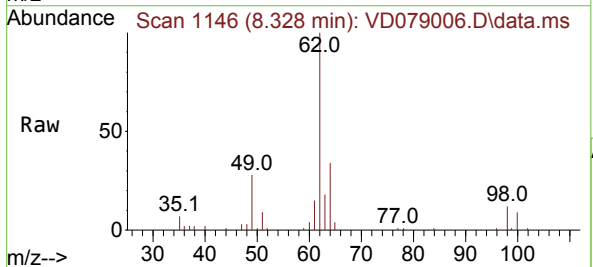
Instrument :
MSVOA_D
ClientSampleId :

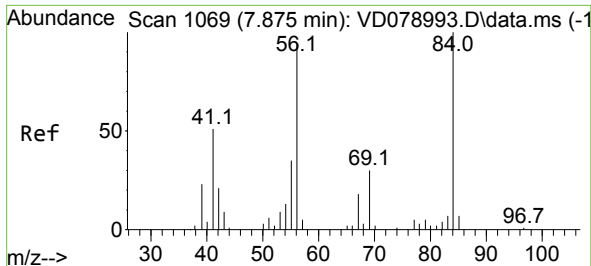
Tgt Ion: 83 Resp: 129683
Ion Ratio Lower Upper
83 100
85 65.3 41.8 77.6



#27
1,2-Dichloroethane
Concen: 22.636 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 62 Resp: 73582
Ion Ratio Lower Upper
62 100
98 12.1 10.2 15.4





#29

Cyclohexane

Concen: 20.674 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

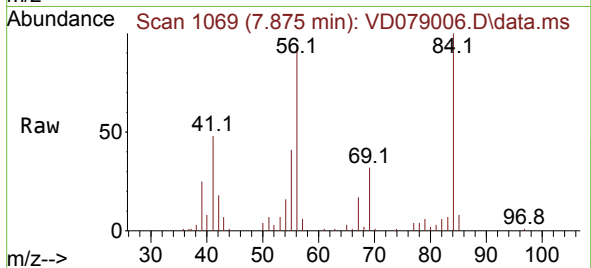
Lab File: VD079006.D

Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :



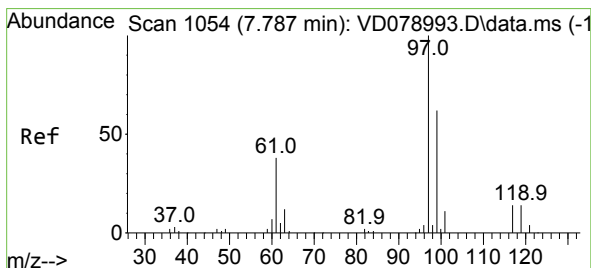
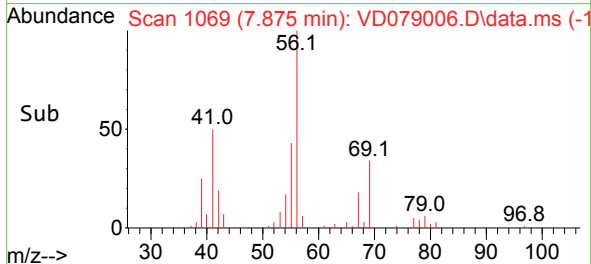
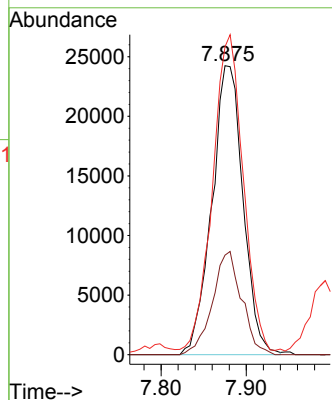
Tgt Ion: 56 Resp: 61700

Ion Ratio Lower Upper

56 100

69 33.4 25.2 37.8

84 110.7 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 24.408 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

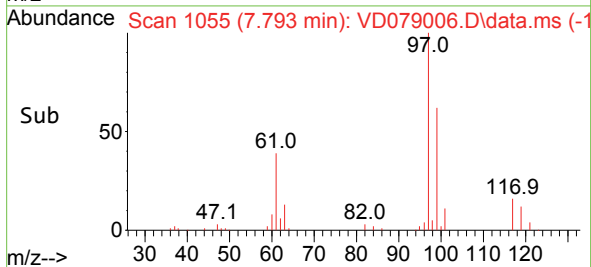
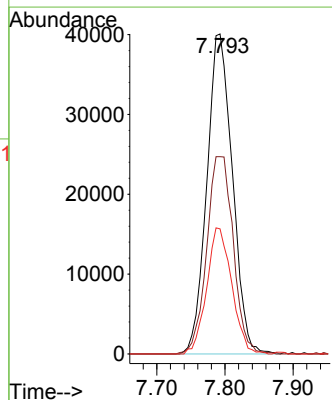
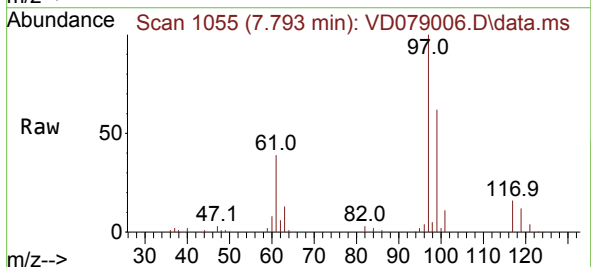
Tgt Ion: 97 Resp: 104863

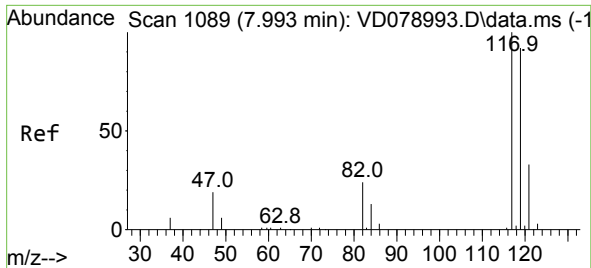
Ion Ratio Lower Upper

97 100

99 63.8 52.6 78.8

61 38.4 32.6 48.8

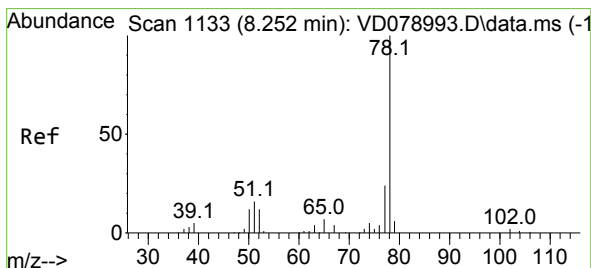
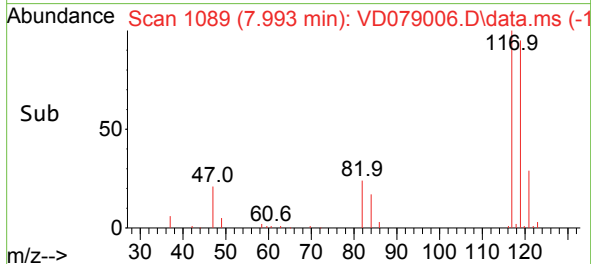
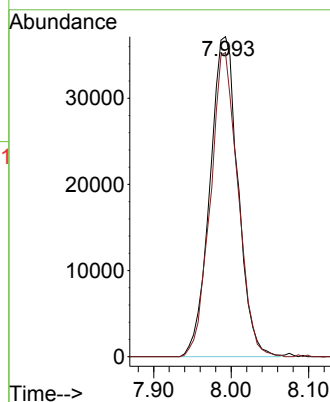
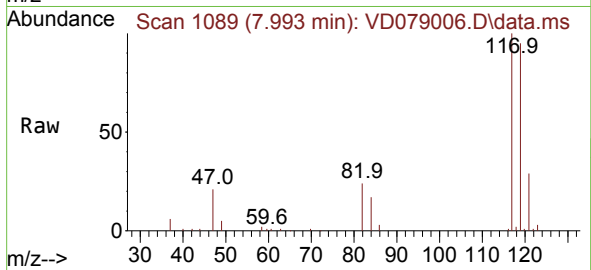




#31
Carbon tetrachloride
Concen: 23.710 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

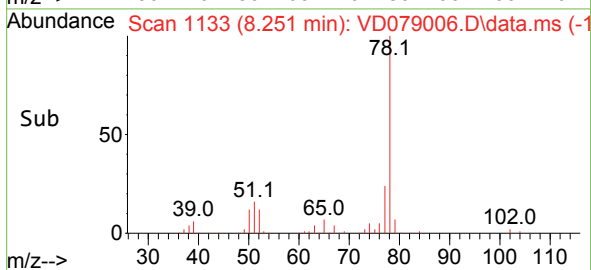
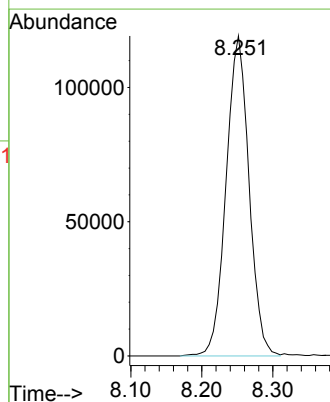
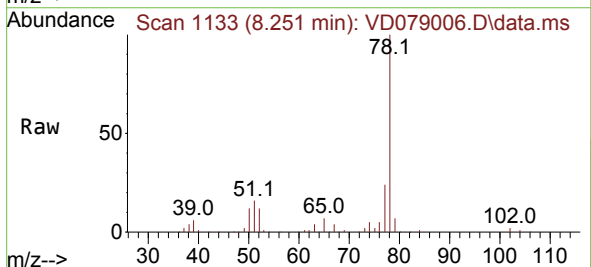
Instrument :
MSVOA_D
ClientSampleId :

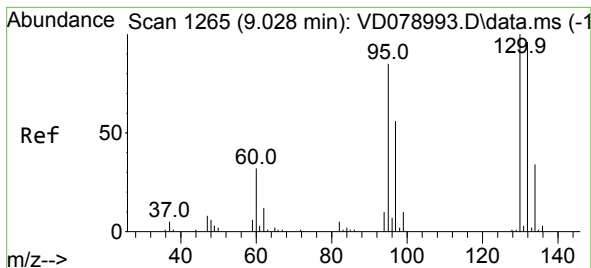
Tgt Ion:117 Resp: 93793
Ion Ratio Lower Upper
117 100
119 93.1 77.7 116.5



#33
Benzene
Concen: 25.116 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 78 Resp: 267340





#34

Trichloroethene

Concen: 24.155 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 66238

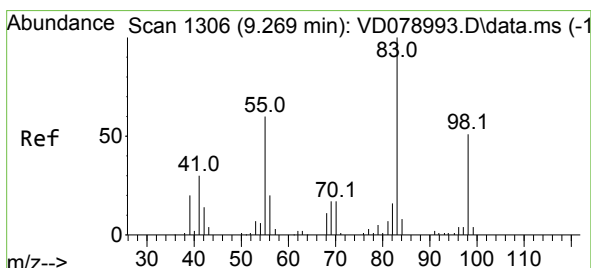
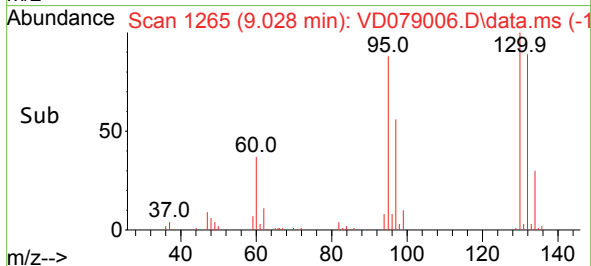
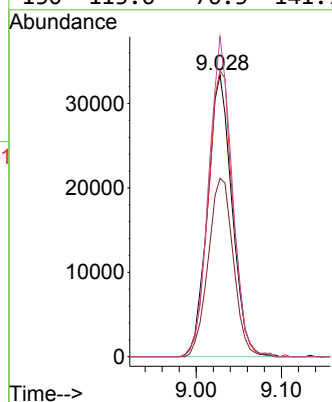
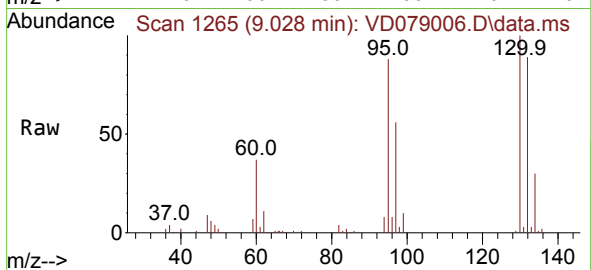
Ion Ratio Lower Upper

95 100

97 63.4 42.6 79.2

132 101.7 69.5 129.1

130 113.6 76.3 141.7



#35

Methylcyclohexane

Concen: 21.114 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

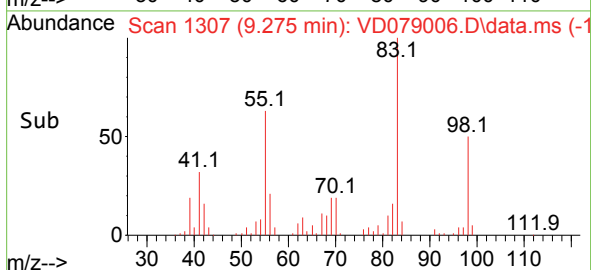
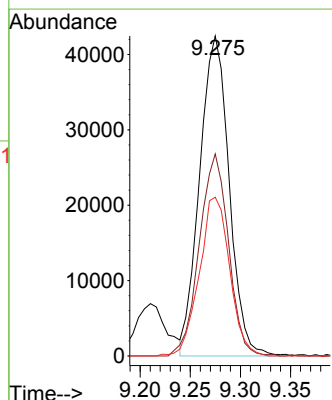
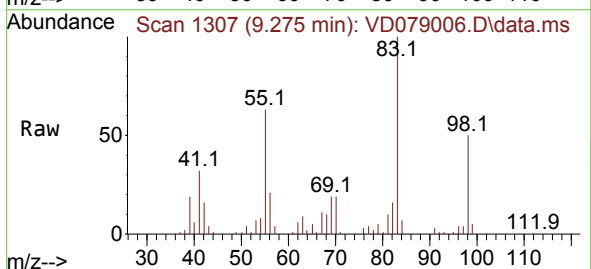
Tgt Ion: 83 Resp: 87050

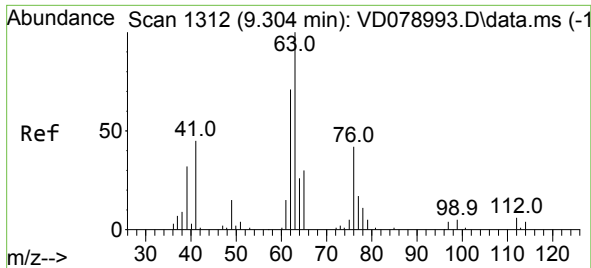
Ion Ratio Lower Upper

83 100

55 62.1 49.0 73.6

98 51.0 40.1 60.1

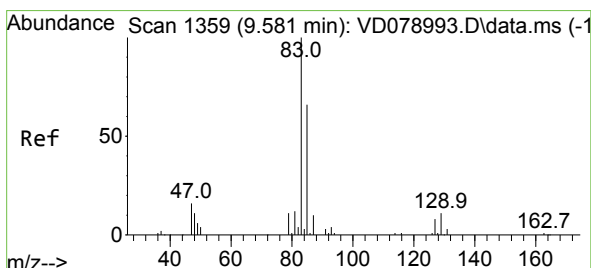
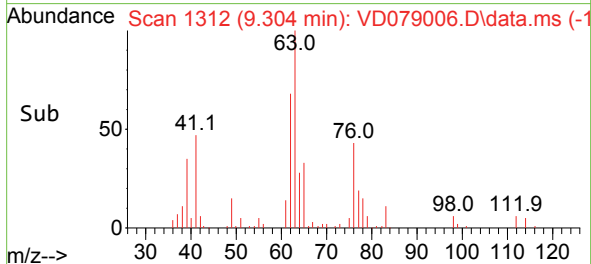
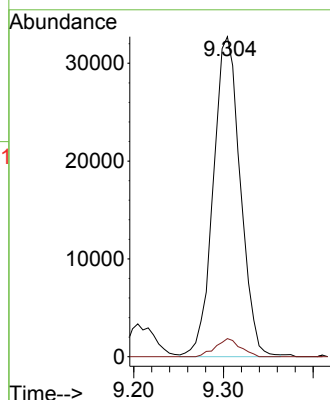
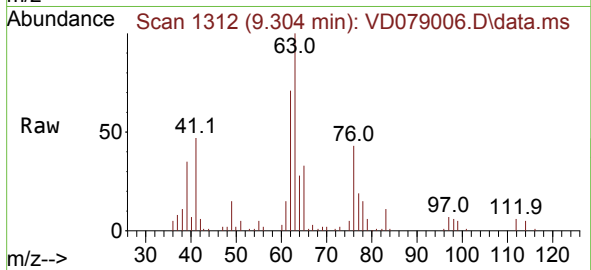




#37
1,2-Dichloropropane
Concen: 25.380 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

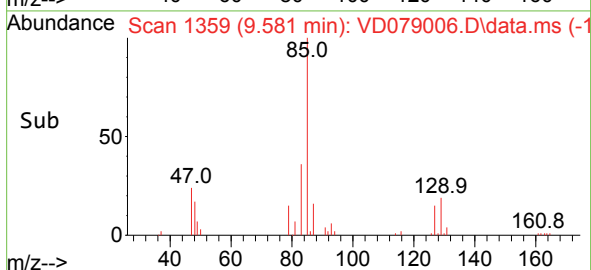
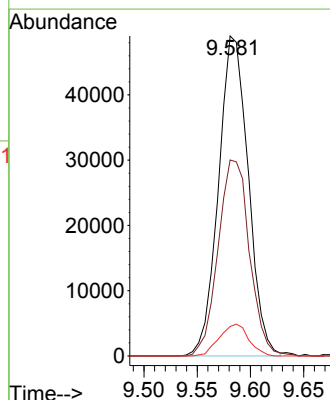
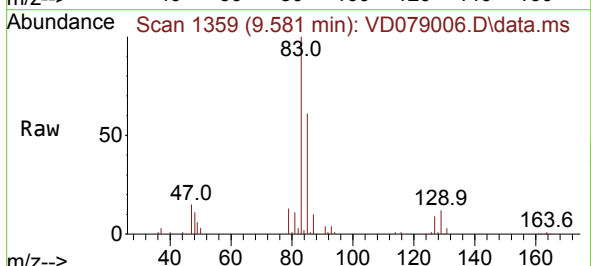
Instrument :
MSVOA_D
ClientSampleId :

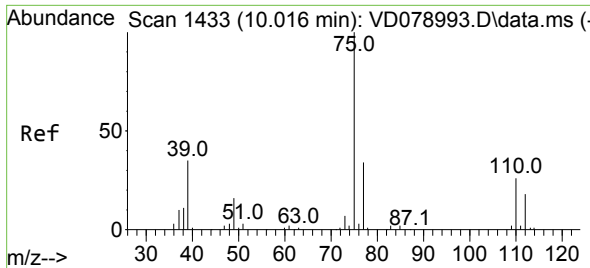
Tgt Ion: 63 Resp: 68464
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 24.962 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

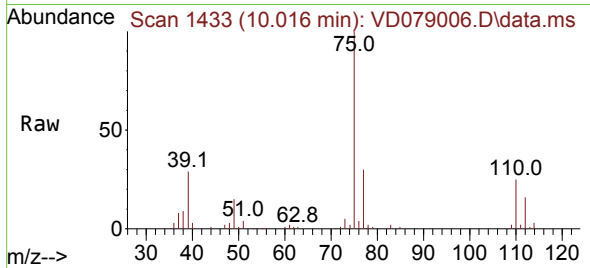
Tgt Ion: 83 Resp: 95219
Ion Ratio Lower Upper
83 100
85 61.2 45.4 84.4
127 9.2 7.6 11.4



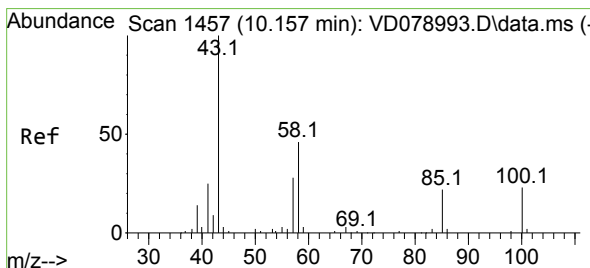
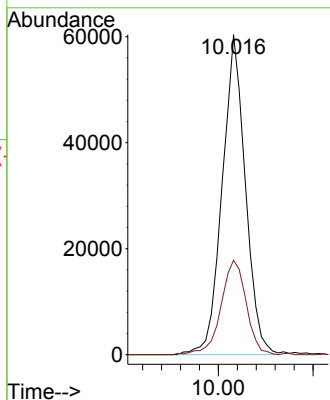
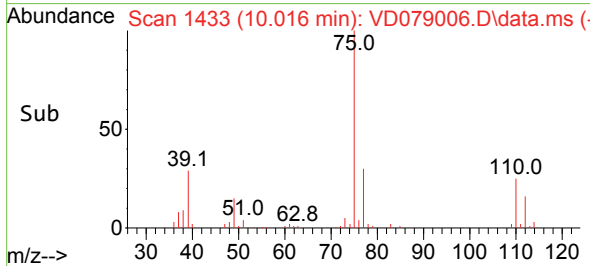


#39
 cis-1,3-Dichloropropene
 Concen: 24.241 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

Instrument :
 MSVOA_D
 ClientSampleId :

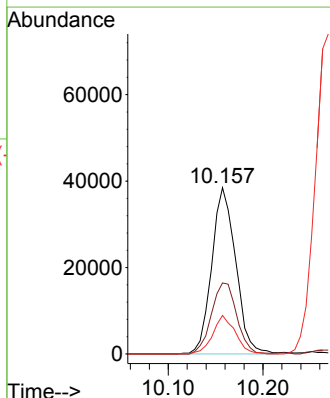
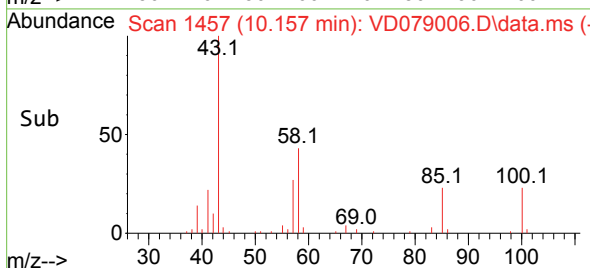
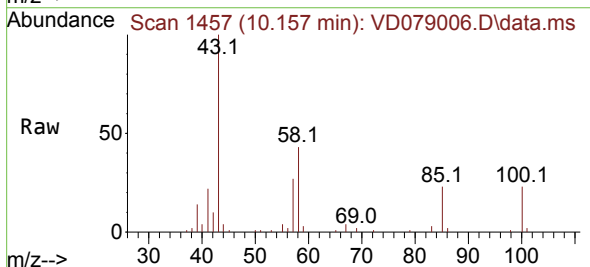


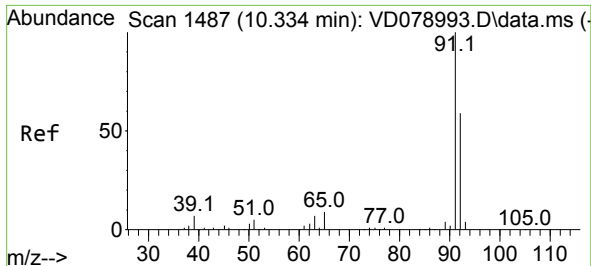
Tgt Ion: 75 Resp: 102578
 Ion Ratio Lower Upper
 75 100
 77 29.5 20.0 37.2



#40
 4-Methyl-2-pentanone
 Concen: 49.690 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

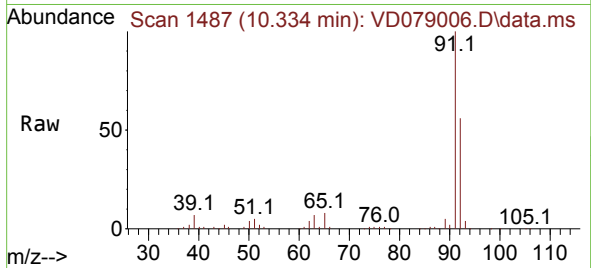
Tgt Ion: 43 Resp: 67706
 Ion Ratio Lower Upper
 43 100
 58 45.1 38.0 57.0
 100 21.7 17.3 25.9



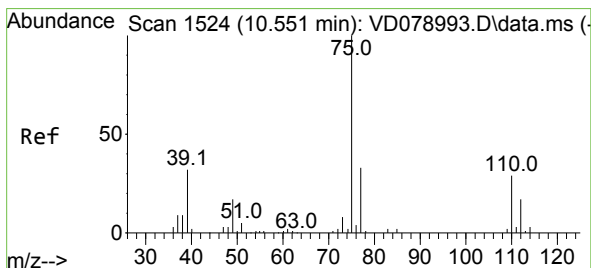
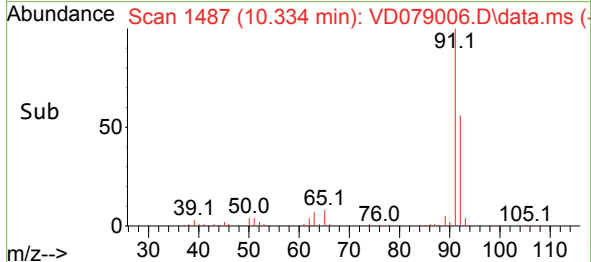
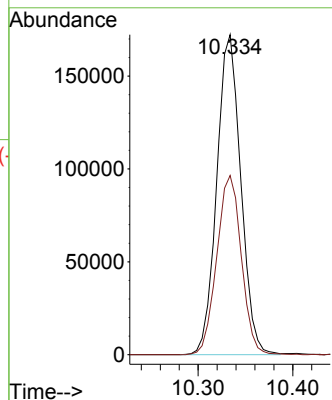


#42
Toluene
Concen: 25.973 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Instrument :
MSVOA_D
ClientSampleId :

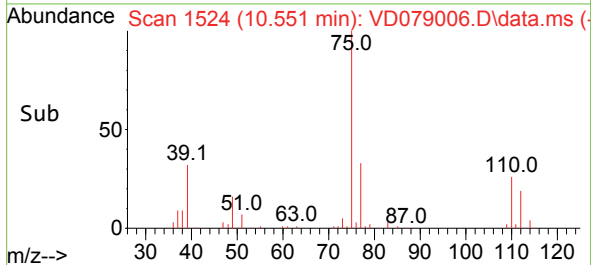
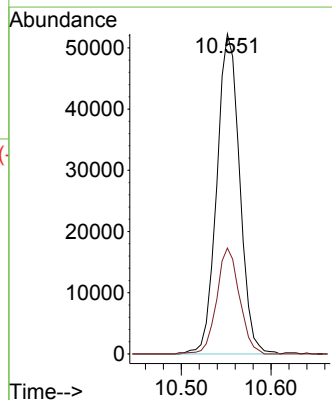
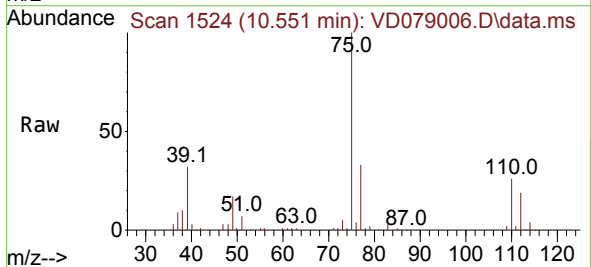


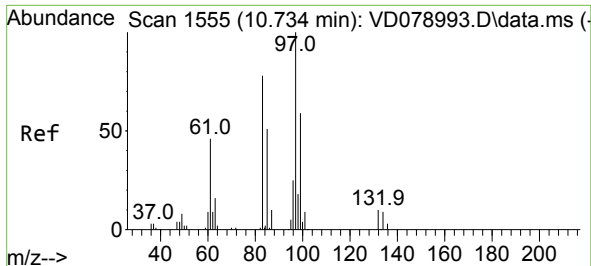
Tgt Ion: 91 Resp: 303956
Ion Ratio Lower Upper
91 100
92 56.0 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 24.697 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

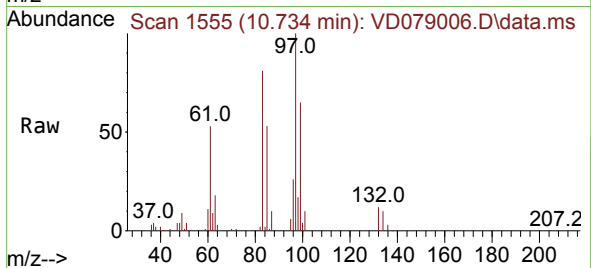
Tgt Ion: 75 Resp: 92393
Ion Ratio Lower Upper
75 100
77 33.1 21.8 40.4



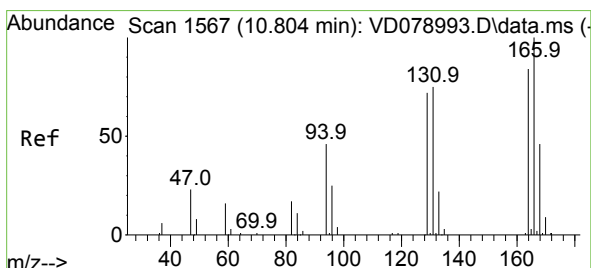
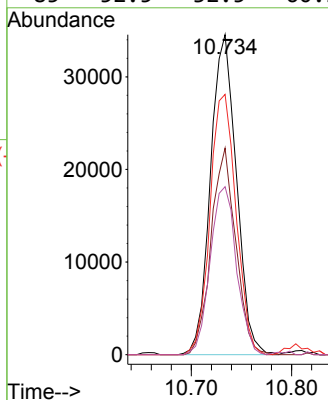
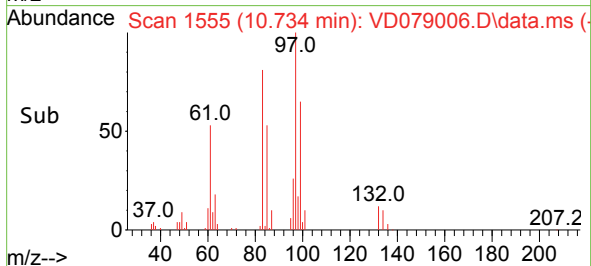


#45
1,1,2-Trichloroethane
Concen: 25.125 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

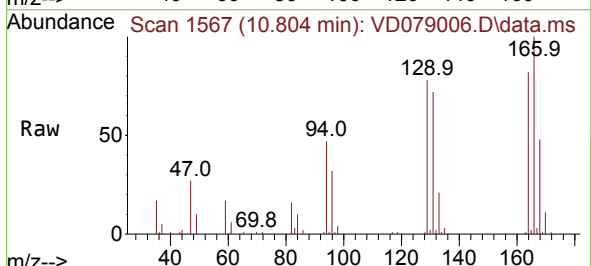
Instrument :
MSVOA_D
ClientSampleId :



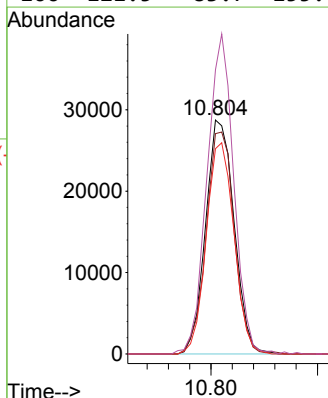
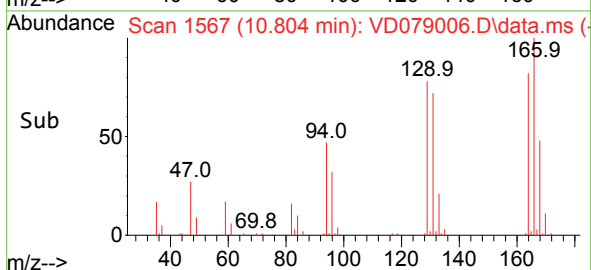
Tgt Ion:	97	Resp:	61974
Ion	Ratio	Lower	Upper
97	100		
99	64.6	39.1	72.7
83	81.4	54.6	101.4
85	52.5	32.5	60.3

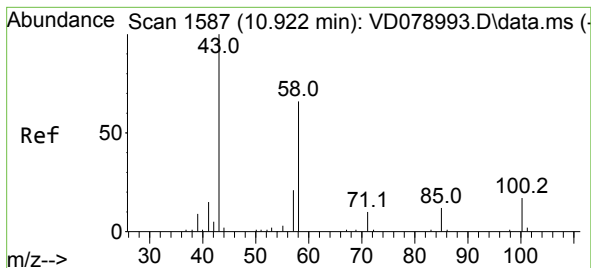


#46
Tetrachloroethene
Concen: 22.655 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58



Tgt Ion:	164	Resp:	53452
Ion	Ratio	Lower	Upper
164	100		
129	94.2	63.3	117.7
131	87.8	60.8	112.8
166	121.5	83.7	155.4





#48

2-Hexanone

Concen: 43.031 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

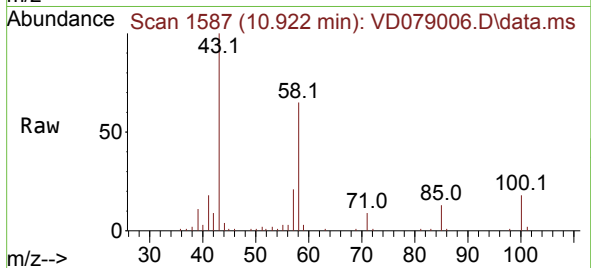
Lab File: VD079006.D

Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 45452

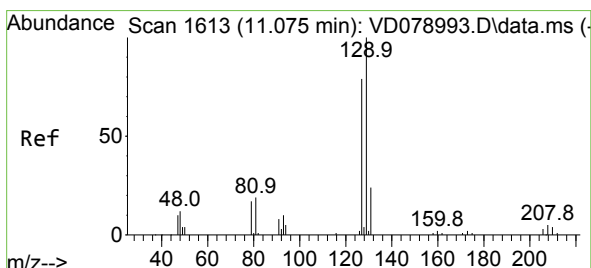
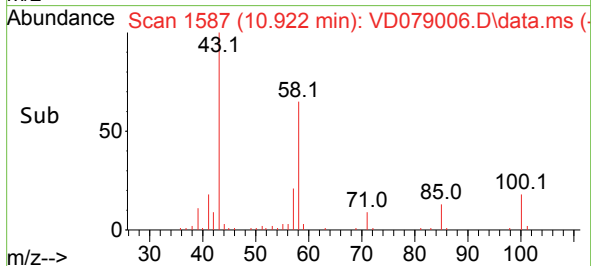
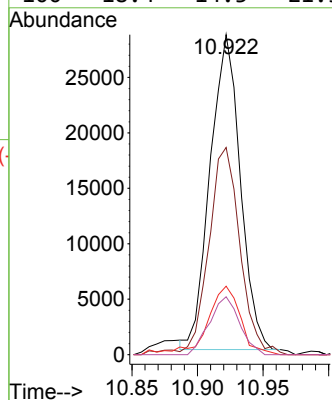
Ion Ratio Lower Upper

43 100

58 67.6 53.4 80.2

57 21.9 17.0 25.4

100 18.4 14.3 21.5



#49

Dibromochloromethane

Concen: 24.360 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079006.D

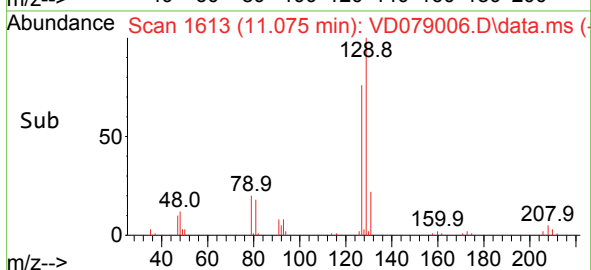
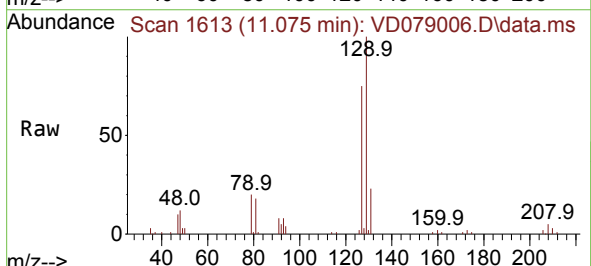
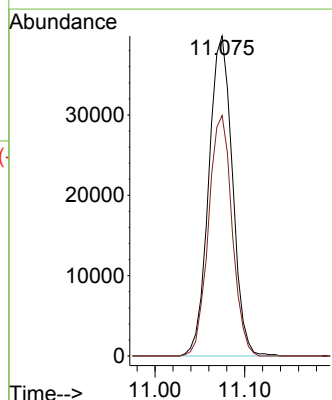
Acq: 23 May 2024 15:58

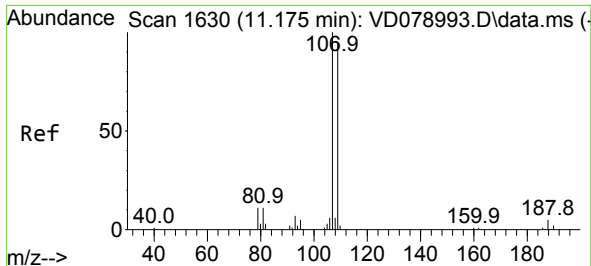
Tgt Ion:129 Resp: 73052

Ion Ratio Lower Upper

129 100

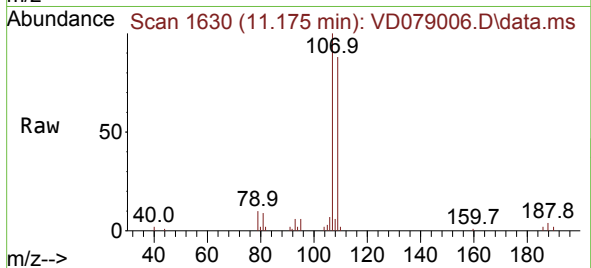
127 75.2 54.8 101.8



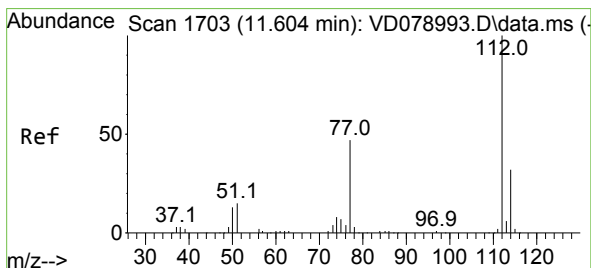
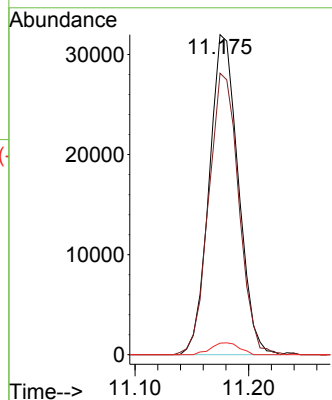


#50
1,2-Dibromoethane
Concen: 24.431 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Instrument :
MSVOA_D
ClientSampleId :

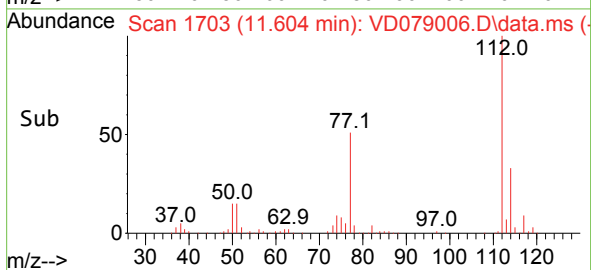
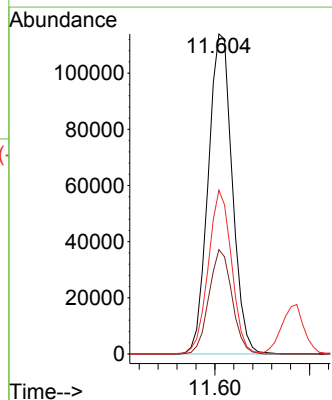
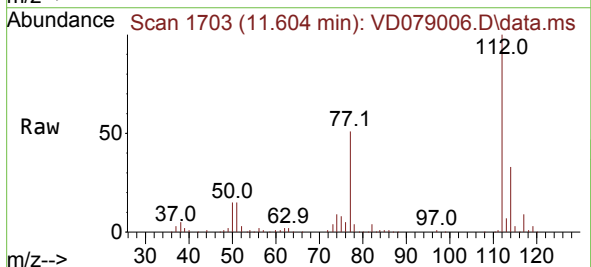


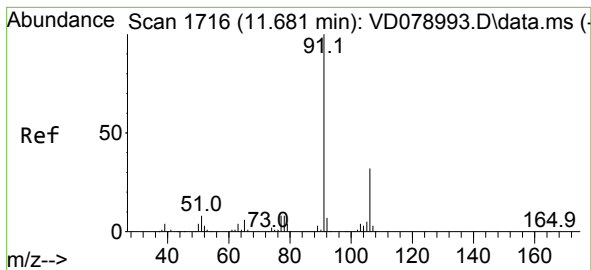
Tgt Ion:107 Resp: 56926
Ion Ratio Lower Upper
107 100
109 87.9 67.0 124.4
188 3.6 3.4 5.2



#51
Chlorobenzene
Concen: 24.311 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:112 Resp: 200995
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.9
77 51.1 39.4 59.0

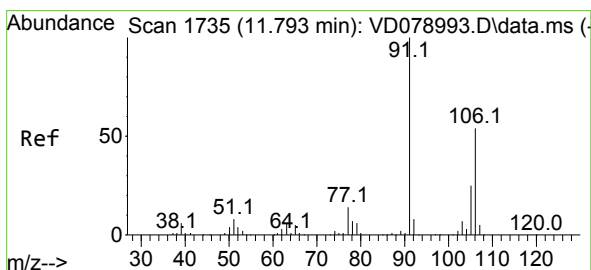
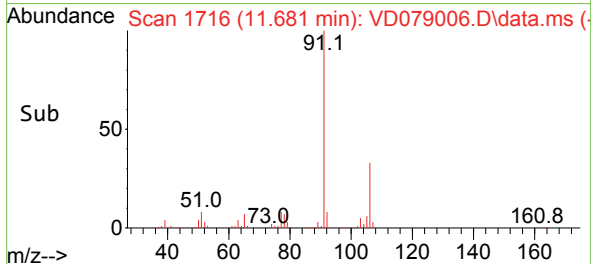
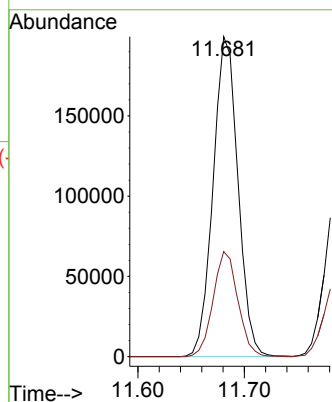
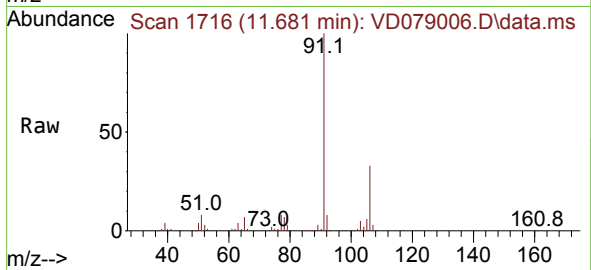




#52
Ethylbenzene
Concen: 25.578 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

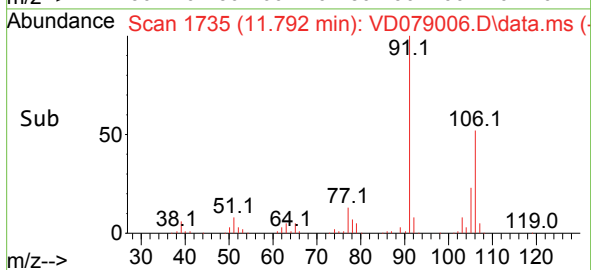
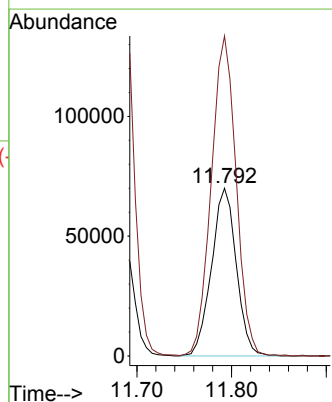
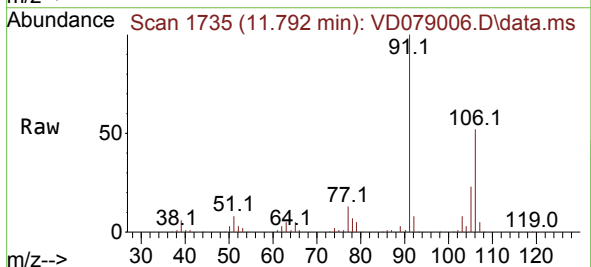
Instrument :
MSVOA_D
ClientSampleId :

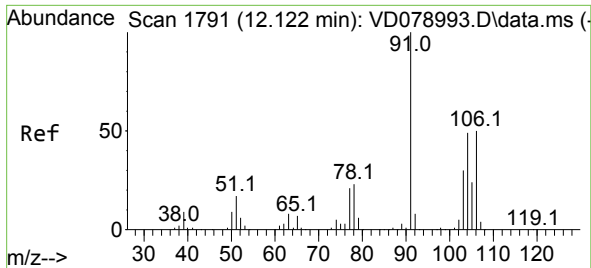
Tgt Ion: 91 Resp: 323062
Ion Ratio Lower Upper
91 100
106 32.9 21.6 40.2



#53
m,p-Xylene
Concen: 25.235 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 106 Resp: 127507
Ion Ratio Lower Upper
106 100
91 190.8 128.3 238.3

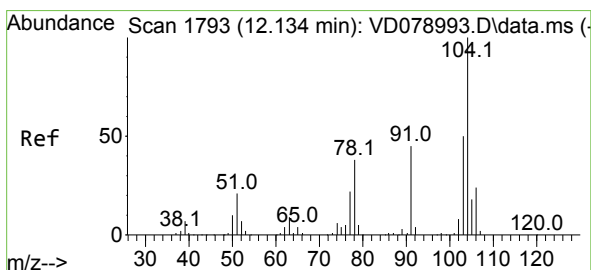
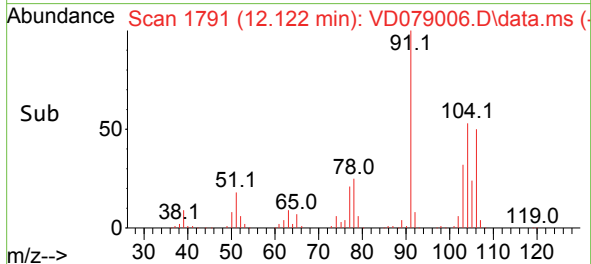
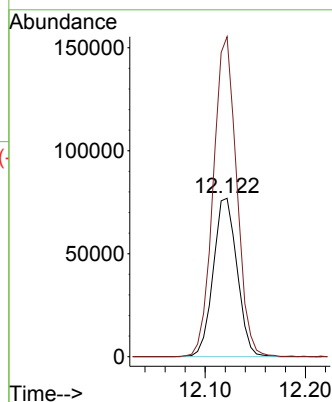
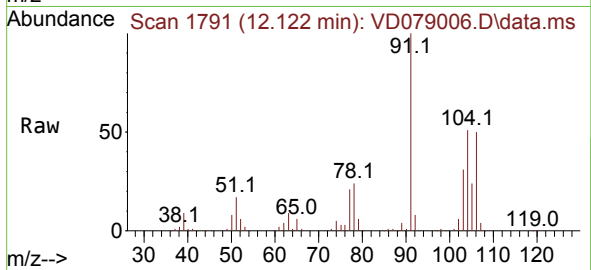




#54
o-Xylene
Concen: 25.727 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

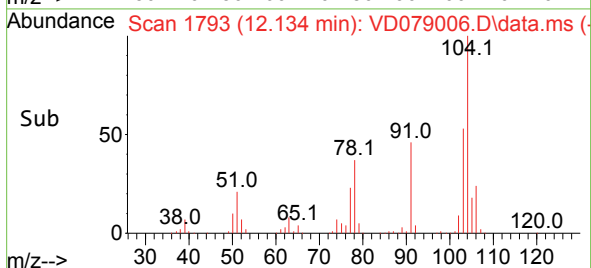
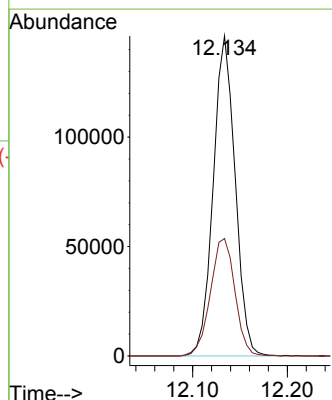
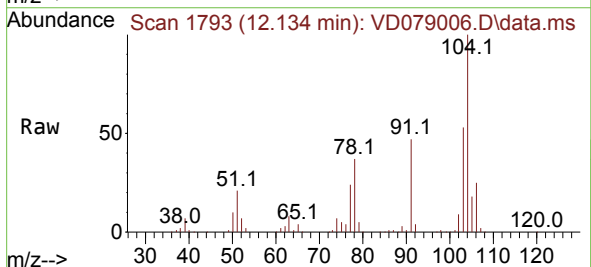
Instrument :
MSVOA_D
ClientSampleId :

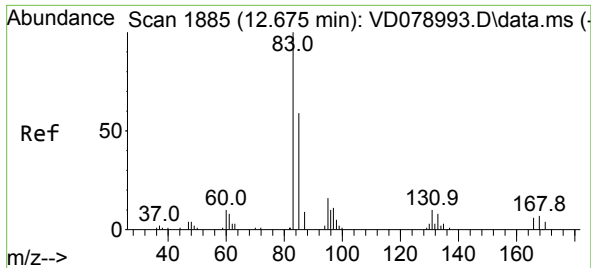
Tgt Ion:106 Resp: 126612
Ion Ratio Lower Upper
106 100
91 202.0 138.3 256.9



#55
Styrene
Concen: 27.003 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:104 Resp: 234836
Ion Ratio Lower Upper
104 100
78 36.7 27.8 51.6

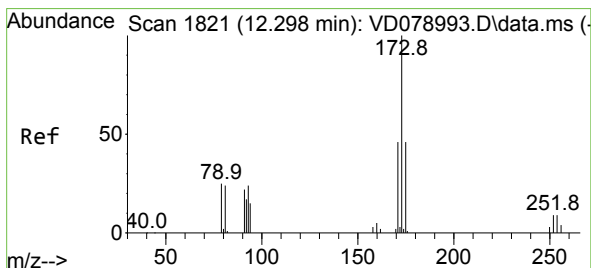
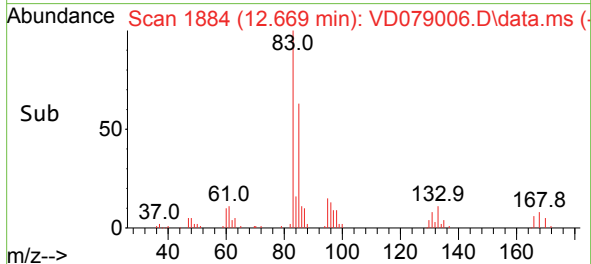
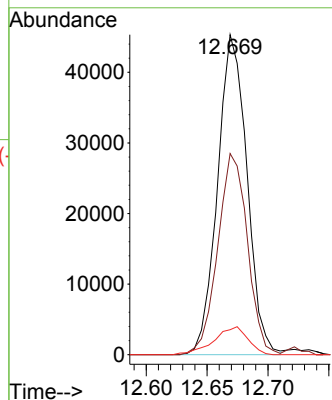
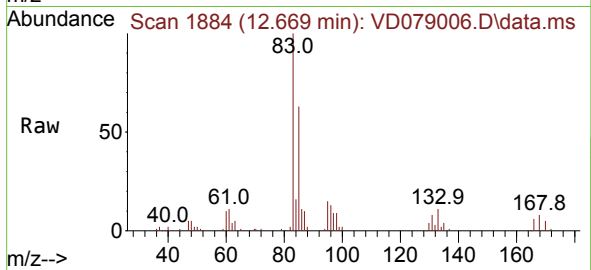




#57
1,1,2,2-Tetrachloroethane
Concen: 25.411 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

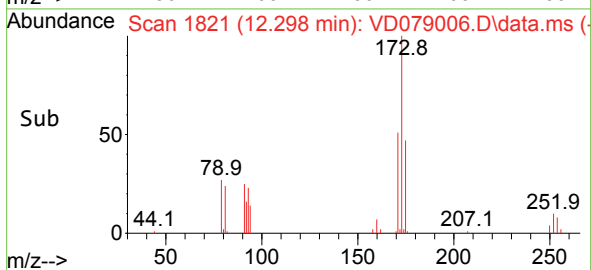
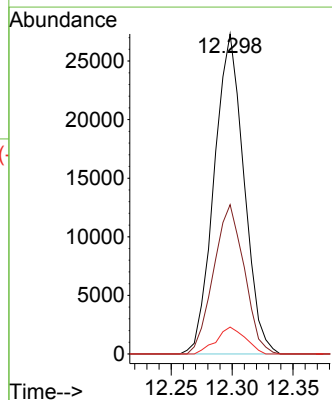
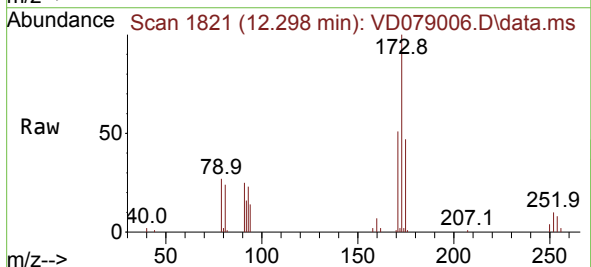
Instrument :
MSVOA_D
ClientSampleId :

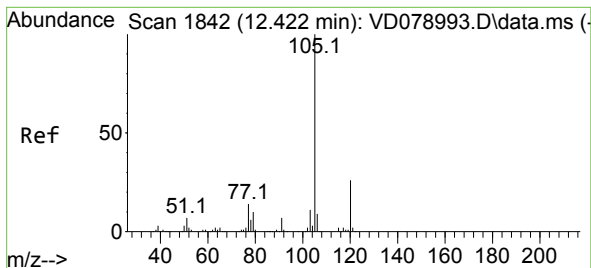
Tgt Ion: 83 Resp: 76024
Ion Ratio Lower Upper
83 100
85 62.8 44.3 82.3
131 7.8 7.5 11.3



#59
Bromoform
Concen: 23.937 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion: 173 Resp: 46508
Ion Ratio Lower Upper
173 100
175 47.9 40.0 60.0
254 8.2 6.3 9.5





#60

Isopropylbenzene

Concen: 26.090 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079006.D

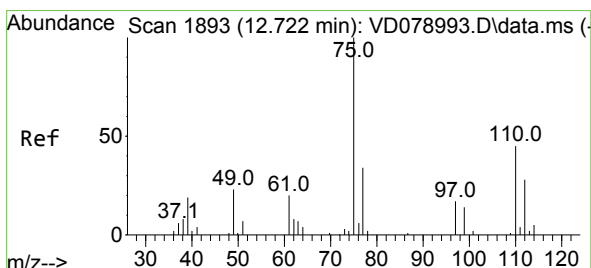
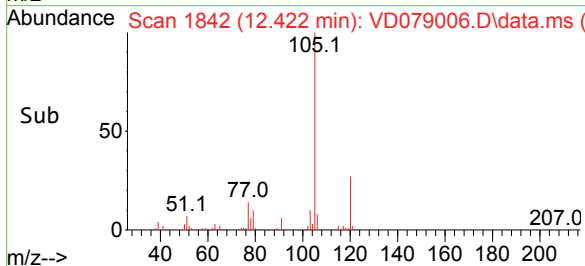
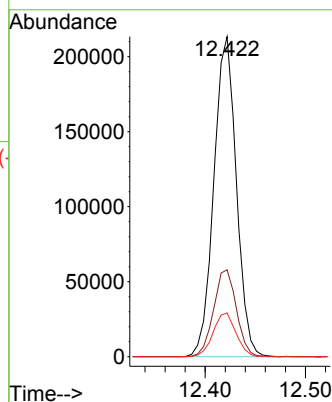
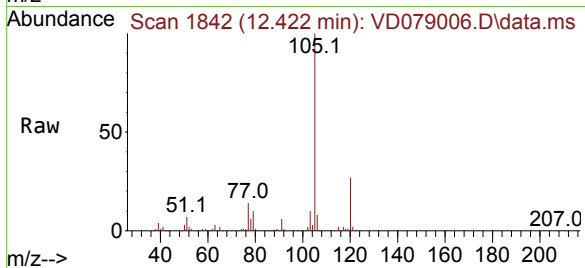
Acq: 23 May 2024 15:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	331137
Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.8	32.8
77	13.9	11.7	17.5



#61

1,2,3-Trichloropropane

Concen: 24.656 ug/L

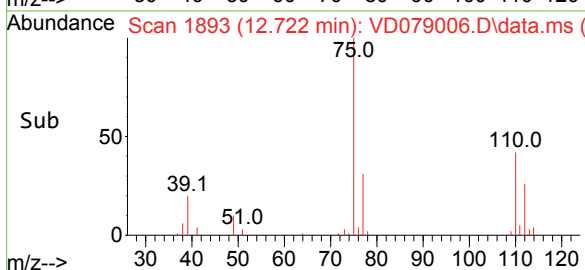
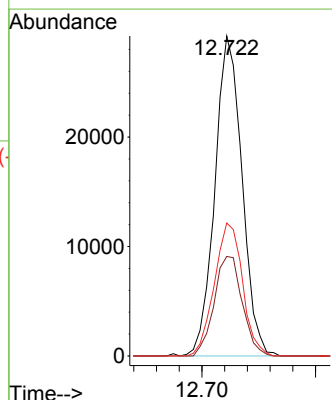
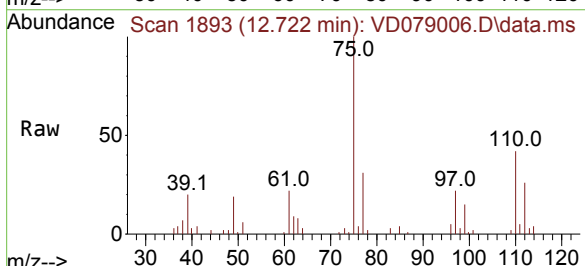
RT: 12.722 min Scan# 1893

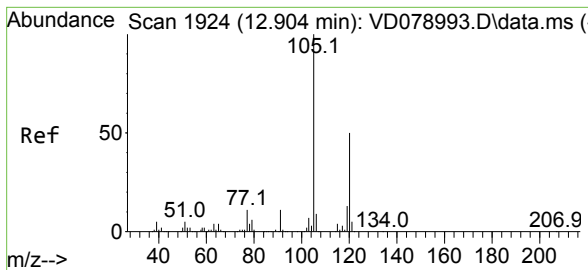
Delta R.T. -0.000 min

Lab File: VD079006.D

Acq: 23 May 2024 15:58

Tgt Ion:	75	Resp:	48518
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.2	39.2
110	43.1	37.1	55.7

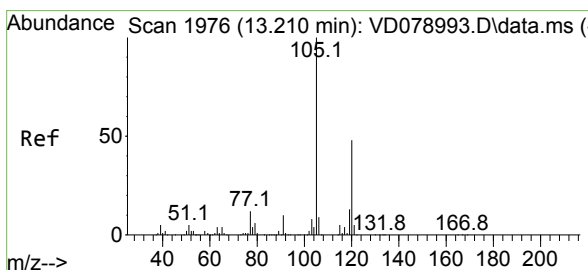
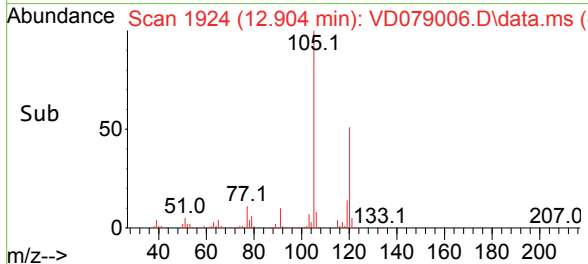
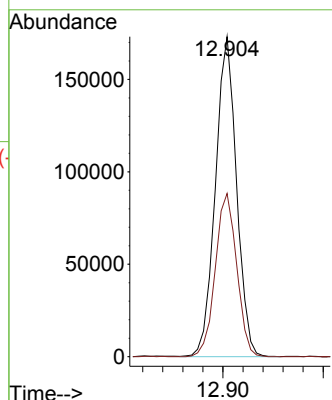
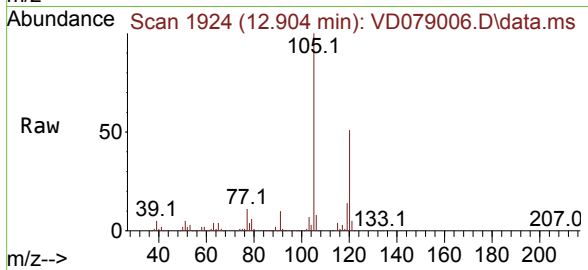




#62
1,3,5-Trimethylbenzene
Concen: 27.005 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

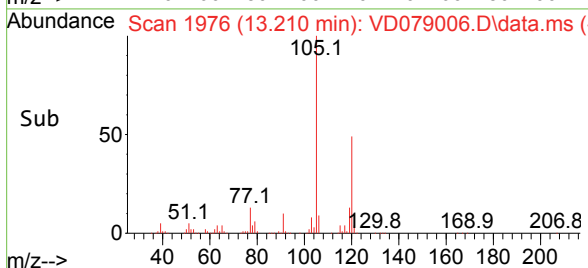
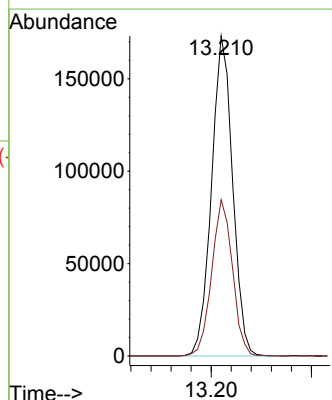
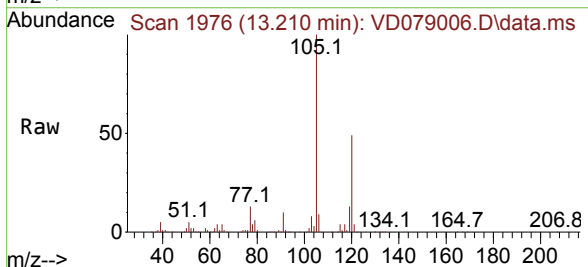
Instrument :
MSVOA_D
ClientSampleId :

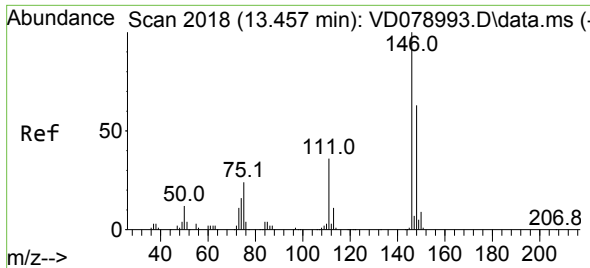
Tgt Ion:105 Resp: 253348
Ion Ratio Lower Upper
105 100
120 51.5 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 26.554 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:105 Resp: 253134
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2

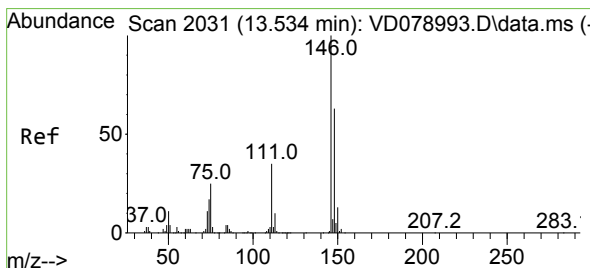
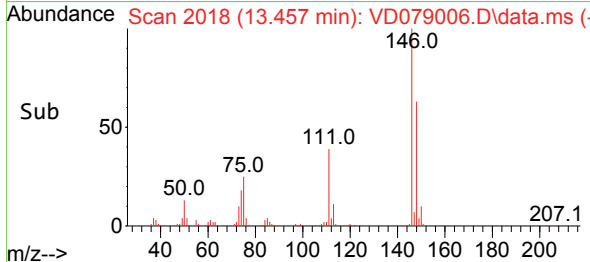
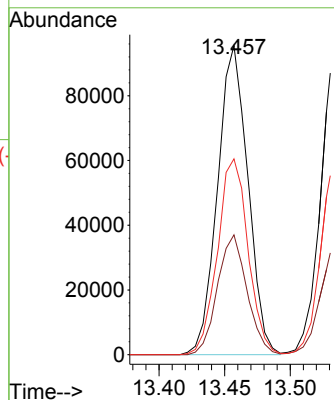
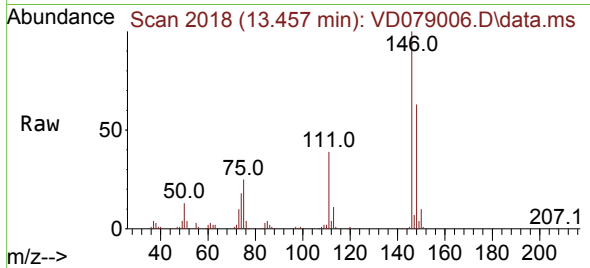




#64
1,3-Dichlorobenzene
Concen: 24.924 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

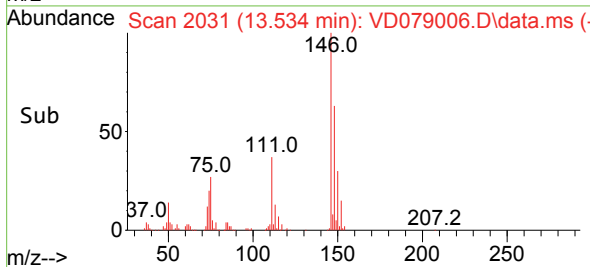
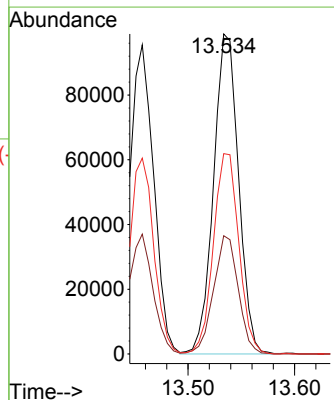
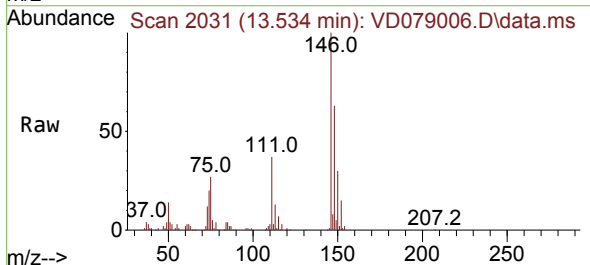
Instrument :
MSVOA_D
ClientSampleId :

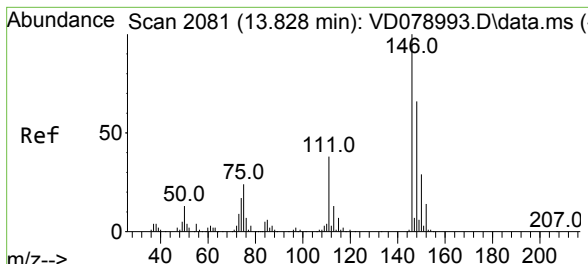
Tgt Ion:146 Resp: 153632
Ion Ratio Lower Upper
146 100
111 38.8 24.0 44.6
148 63.4 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 24.300 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:146 Resp: 161487
Ion Ratio Lower Upper
146 100
111 37.0 26.9 50.1
148 62.6 46.4 86.2

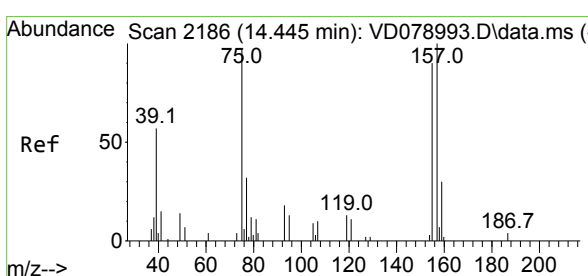
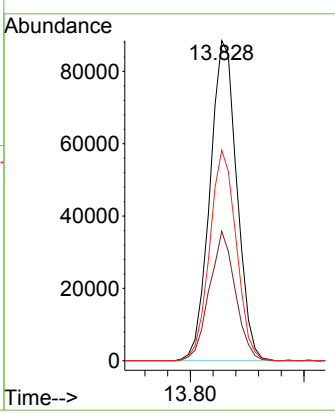
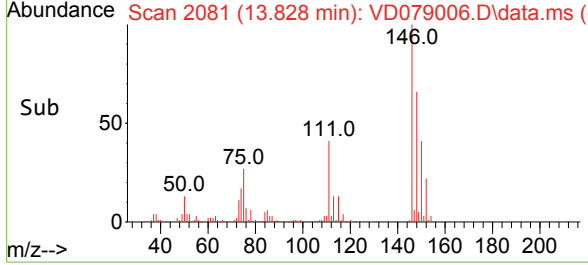
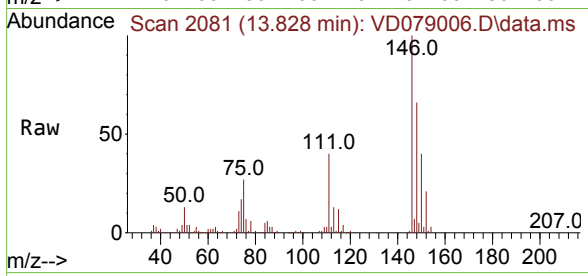




#67
 1,2-Dichlorobenzene
 Concen: 24.960 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

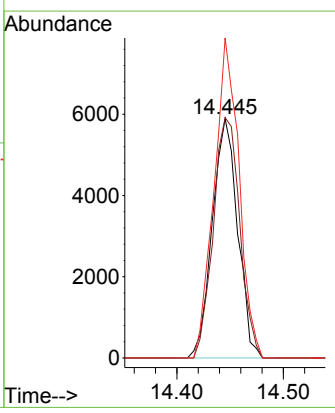
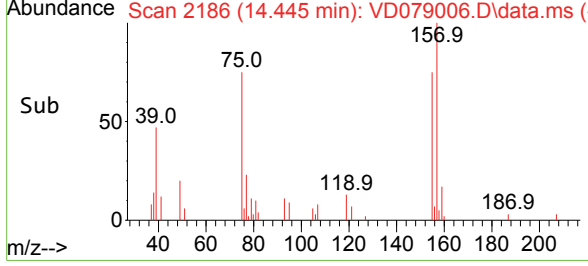
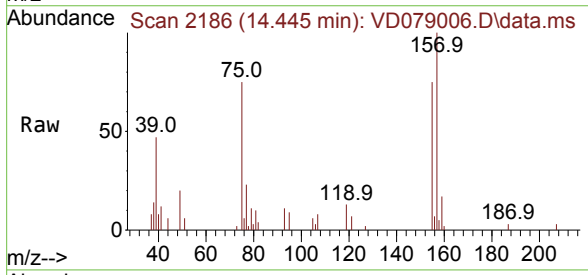
Instrument :
 MSVOA_D
 ClientSampleId :

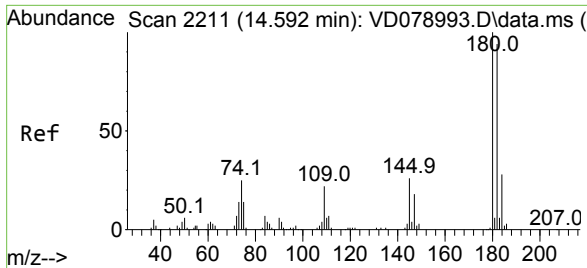
Tgt Ion:	146	Resp:	145615
Ion Ratio	Lower	Upper	
146	100		
111	40.5	30.9	46.3
148	65.8	51.4	77.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.705 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

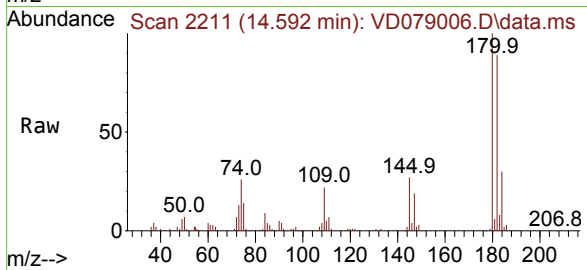
Tgt Ion:	75	Resp:	9717
Ion Ratio	Lower	Upper	
75	100		
155	100.5	79.8	119.6
157	133.8	99.9	149.9



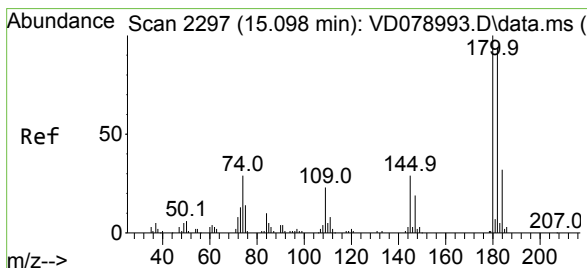
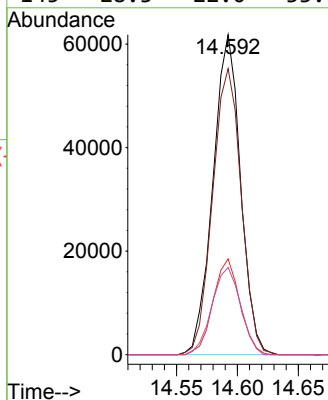
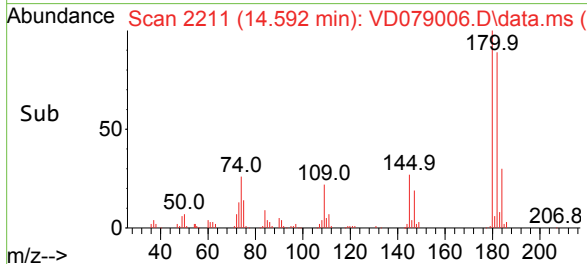


#69
 1,3,5-Trichlorobenzene
 Concen: 24.325 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58

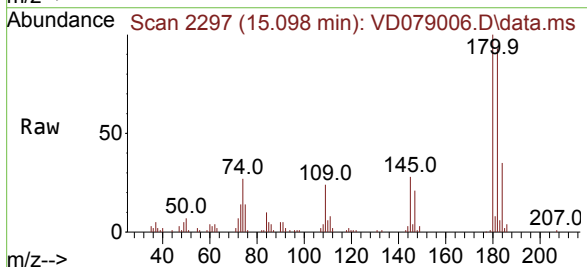
Instrument :
 MSVOA_D
 ClientSampleId :



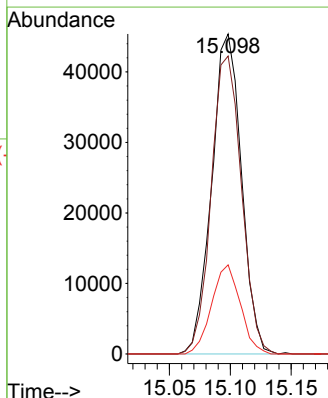
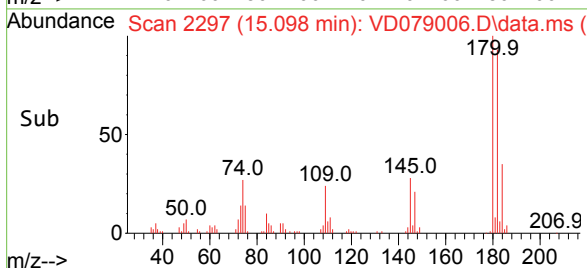
Tgt Ion:180 Resp: 97381
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.2 114.2
 184 29.2 24.9 37.3
 145 28.3 22.0 33.0

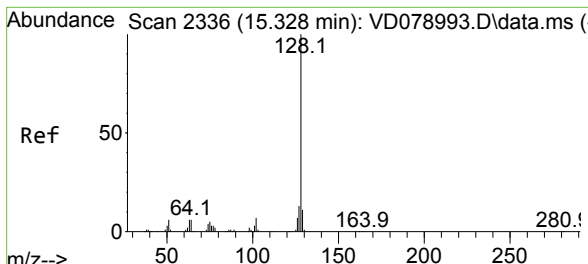


#70
 1,2,4-trichlorobenzene
 Concen: 22.786 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079006.D
 Acq: 23 May 2024 15:58



Tgt Ion:180 Resp: 77223
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.4 114.6
 145 26.8 22.8 34.2

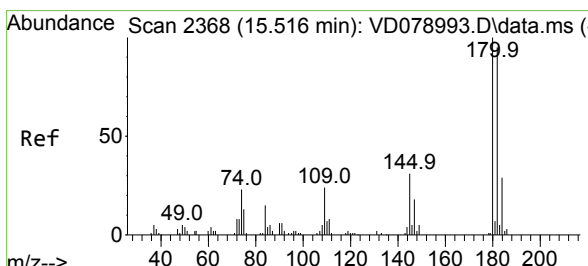
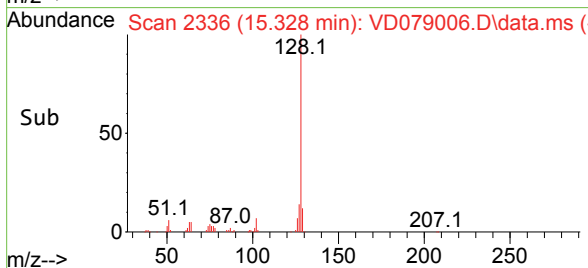
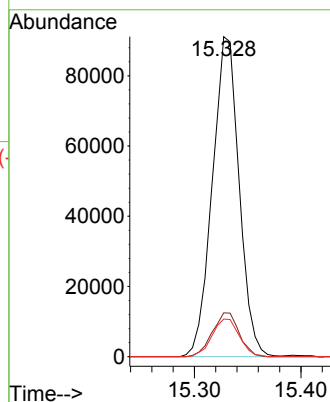
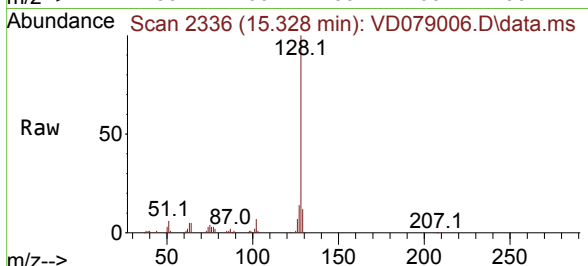




#71
Naphthalene
Concen: 23.003 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	159056
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.3 15.5
129	12.0	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.787 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079006.D
Acq: 23 May 2024 15:58

Tgt Ion:180	Resp:	75350
Ion Ratio	Lower	Upper
180	100	
182	98.8	77.2 115.8
145	30.1	24.4 36.6

