

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079037.D
 Acq On : 25 May 2024 00:26
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 4.57G/10ml/MSVOA_D/SOIL/VIAL B
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 25 02:39:43 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	8.775	114	179073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	182988	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	198228	45.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 180.640%#	
7) Chloroethane-d5	2.799	69	189196	40.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.040%#	
11) 1,1-Dichloroethene-d2	3.911	65	29941	34.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 139.880%#	
21) 2-Butanone-d5	6.987	46	28836	46.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 92.820%	
24) Chloroform-d	7.563	84	163414	30.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.600%	
26) 1,2-Dichloroethane-d4	8.228	65	82203	32.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 129.880%	
32) Benzene-d6	8.199	84	344099	36.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 147.400%#	
36) 1,2-Dichloropropane-d6	9.210	67	94678	33.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 133.120%#	
41) Toluene-d8	10.263	98	321044	37.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 149.200%#	
43) trans-1,3-Dichloroprop...	10.522	79	42120	32.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 128.560%	
47) 2-Hexanone-d5	10.875	63	31217	54.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.500%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	89645	27.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.800%	
66) 1,2-Dichlorobenzene-d4	13.810	152	106172	32.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 130.240%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	54855	15.310	ug/L	100
3) Chloromethane	2.146	50	81962	18.644	ug/L	96
5) Vinyl chloride	2.281	62	145346	20.206	ug/L	97
6) Bromomethane	2.687	94	88510	17.207	ug/L	97
8) Chloroethane	2.834	64	110430	19.879	ug/L	92
9) Trichlorofluoromethane	3.170	101	114784	20.461	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	65258	18.351	ug/L	95
12) 1,1-Dichloroethene	3.928	96	54746	17.681	ug/L #	74
13) Acetone	4.017	43	10165	13.543	ug/L	74
14) Carbon disulfide	4.264	76	139778	15.578	ug/L	98
15) Methyl Acetate	4.564	43	25185	20.652	ug/L #	47
16) Methylene chloride	4.793	84	82356	19.415	ug/L	99
17) trans-1,2-Dichloroethene	5.305	96	62213	19.733	ug/L	94
18) Methyl tert-butyl Ether	5.317	73	142927	21.278	ug/L #	94
19) 1,1-Dichloroethane	6.105	63	115313	21.776	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	76987	21.409	ug/L	98
22) 2-Butanone	7.081	43	31730	36.769	ug/L	75
23) Bromochloromethane	7.422	128	38536	21.447	ug/L	93
25) Chloroform	7.593	83	143686	22.575	ug/L	96

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 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

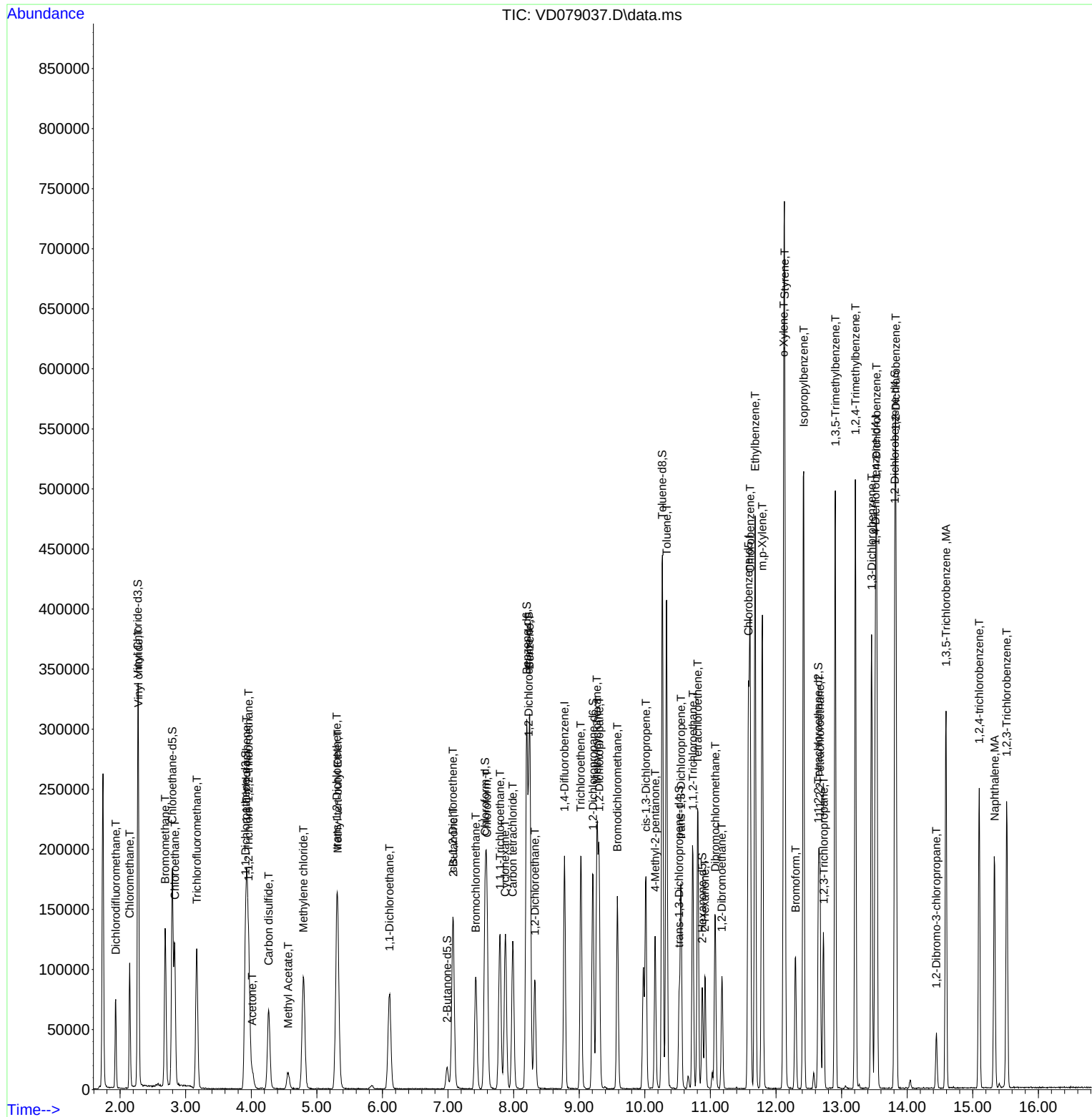
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	81474	22.101	ug/L	96
29) Cyclohexane	7.869	56	63994	18.196	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	108514	21.434	ug/L	99
31) Carbon tetrachloride	7.987	117	96601	20.723	ug/L	97
33) Benzene	8.246	78	290912	23.193	ug/L	100
34) Trichloroethene	9.022	95	69447	21.491	ug/L	95
35) Methylcyclohexane	9.269	83	91570	18.848	ug/L	97
37) 1,2-Dichloropropane	9.305	63	76188	23.968	ug/L	99
38) Bromodichloromethane	9.581	83	105731	23.522	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	111793	22.419	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	75475	47.006	ug/L	98
42) Toluene	10.334	91	322357	23.376	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	101550	23.035	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	68524	23.575	ug/L	93
46) Tetrachloroethene	10.804	164	56461	20.308	ug/L	92
48) 2-Hexanone	10.916	43	53157	42.707	ug/L	99
49) Dibromochloromethane	11.075	129	79752	22.568	ug/L	100
50) 1,2-Dibromoethane	11.175	107	61904	22.546	ug/L	96
51) Chlorobenzene	11.604	112	215444	22.114	ug/L	97
52) Ethylbenzene	11.681	91	341893	22.971	ug/L	99
53) m,p-Xylene	11.793	106	134729	22.628	ug/L	94
54) o-Xylene	12.116	106	134267	23.153	ug/L	100
55) Styrene	12.134	104	249831	24.378	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	81500	23.118	ug/L	98
59) Bromoform	12.299	173	51268	23.575	ug/L	97
60) Isopropylbenzene	12.422	105	347981	24.496	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	53304	24.202	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	261933	24.945	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	263958	24.739	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	166639	24.154	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	174085	23.405	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	161158	24.681	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	11293	24.614	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	100034	22.325	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	84141	22.182	ug/L	97
71) Naphthalene	15.334	128	174673	22.570	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	82646	23.310	ug/L	98

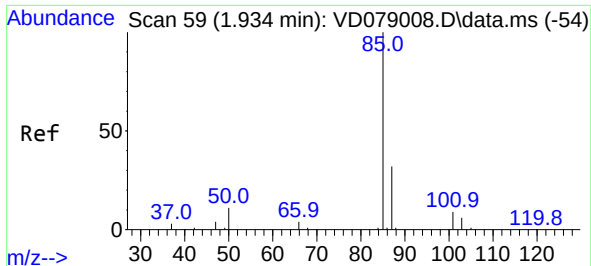
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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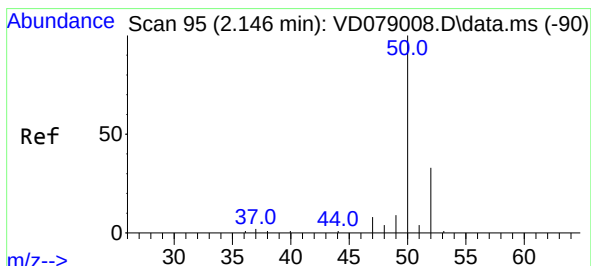
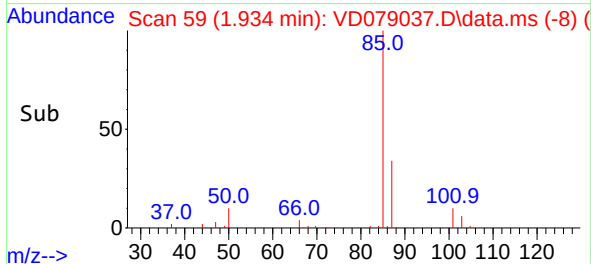
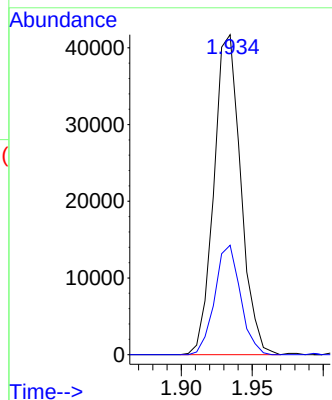
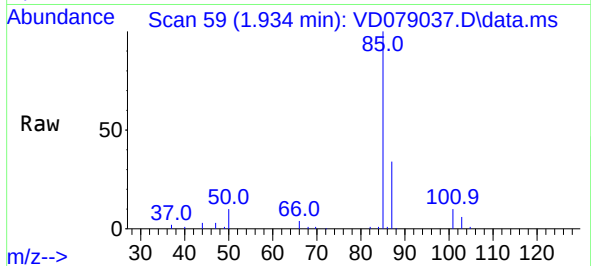




#2
Dichlorodifluoromethane
Concen: 15.310 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

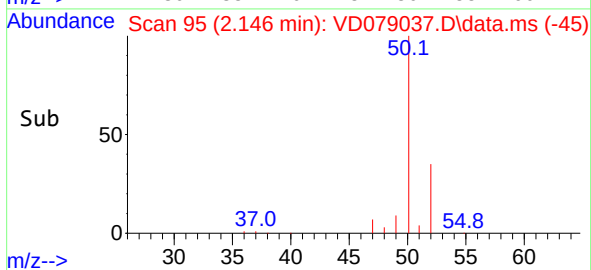
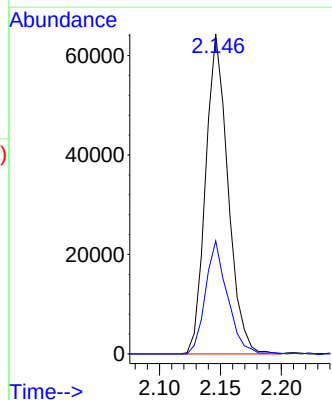
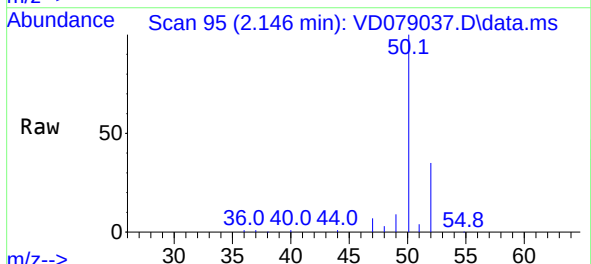
Instrument :
MSVOA_D
ClientSampleId :

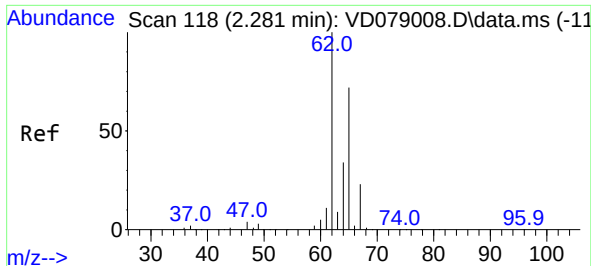
Tgt Ion: 85 Resp: 54855
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5



#3
Chloromethane
Concen: 18.644 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 50 Resp: 81962
Ion Ratio Lower Upper
50 100
52 35.3 26.5 49.3

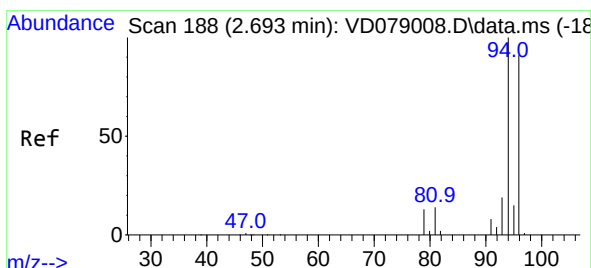
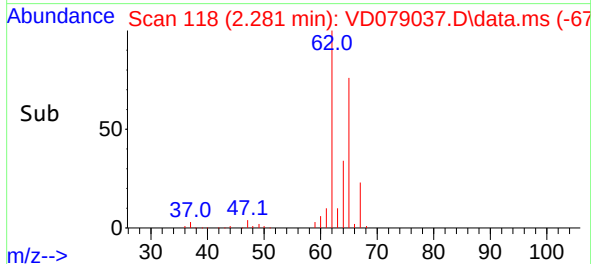
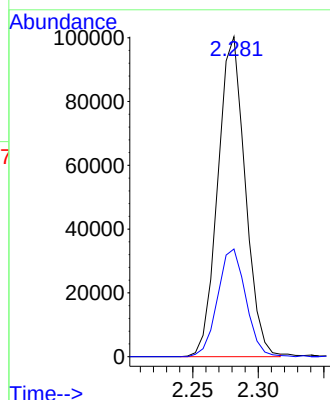
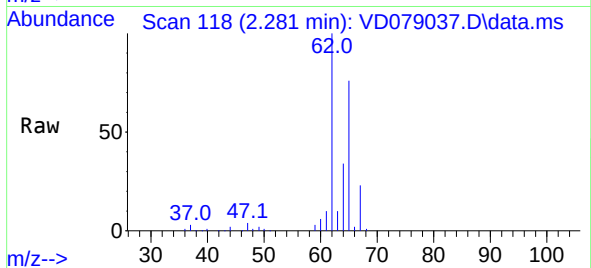




#5
Vinyl chloride
Concen: 20.206 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

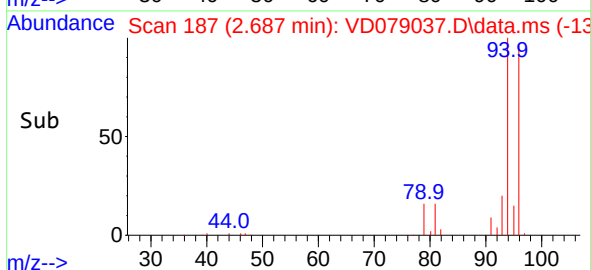
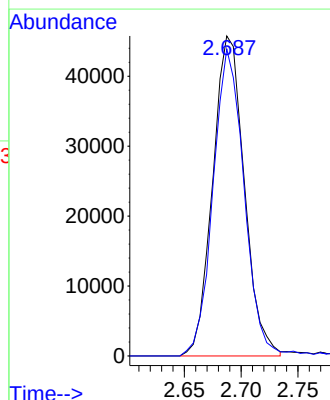
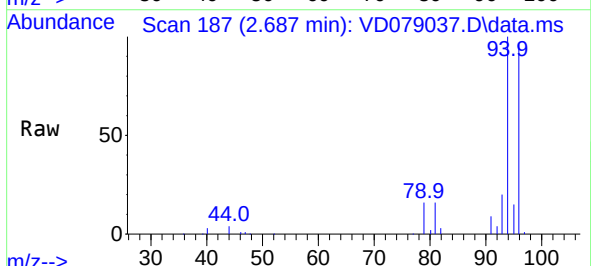
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MSVOA_D
ClientSampleId :

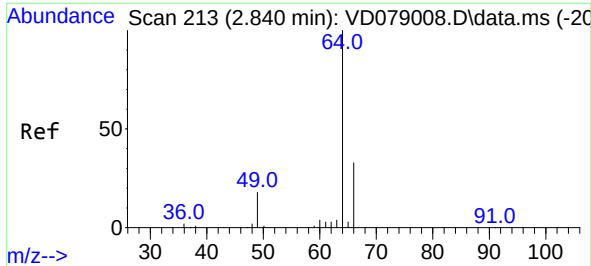
Tgt Ion: 62 Resp: 145346
Ion Ratio Lower Upper
62 100
64 33.7 22.3 41.3



#6
Bromomethane
Concen: 17.207 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 94 Resp: 88510
Ion Ratio Lower Upper
94 100
96 95.9 69.0 128.1

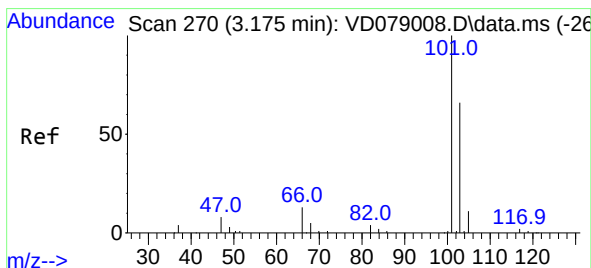
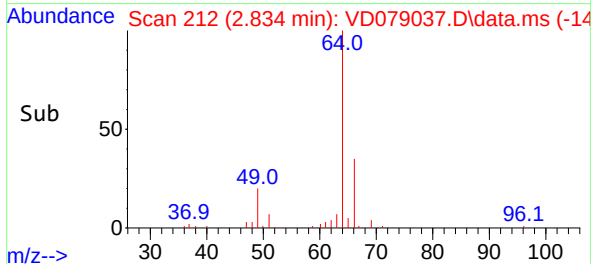
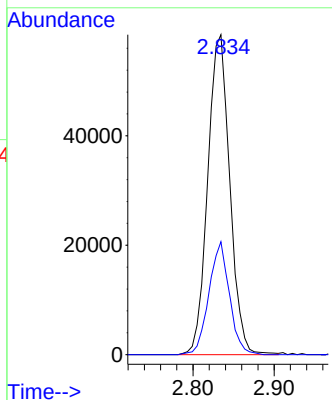
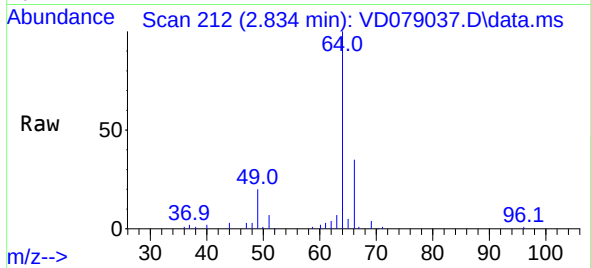




#8
Chloroethane
Concen: 19.879 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

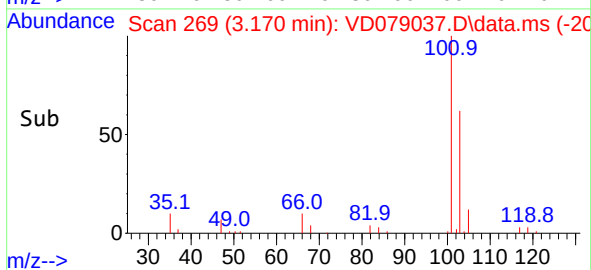
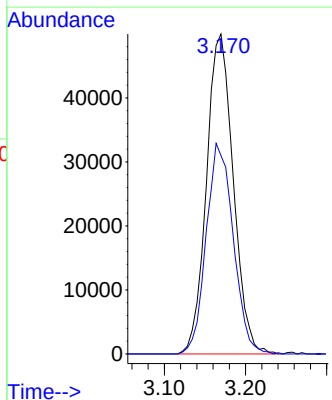
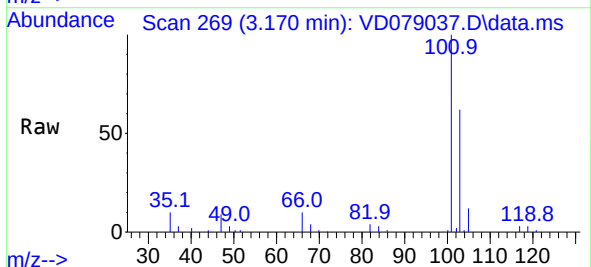
Instrument :
MSVOA_D
ClientSampleId :

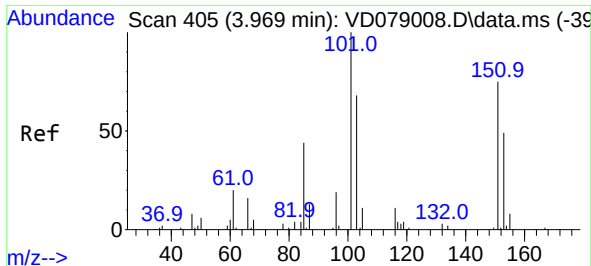
Tgt Ion: 64 Resp: 110430
Ion Ratio Lower Upper
64 100
66 35.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 20.461 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

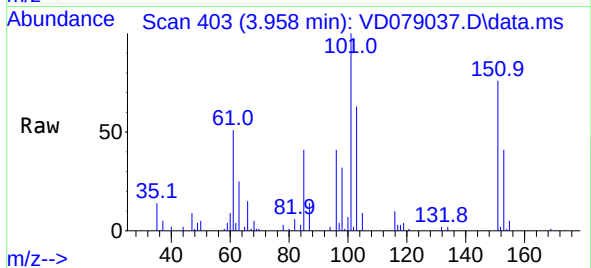
Tgt Ion:101 Resp: 114784
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9



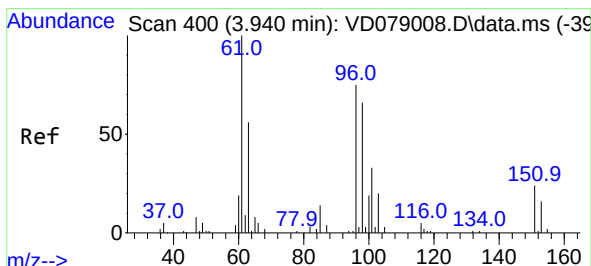
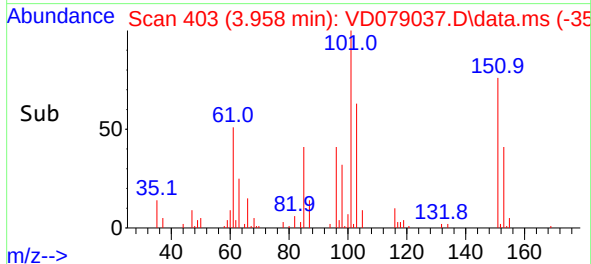
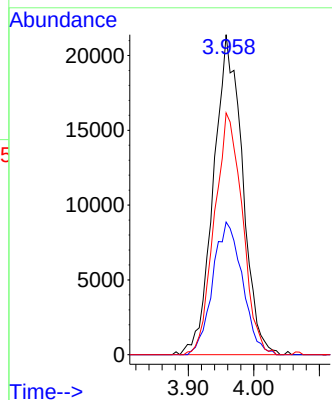


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.351 ug/L
 RT: 3.958 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: VD079037.D
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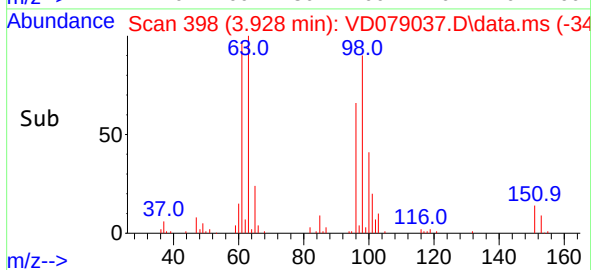
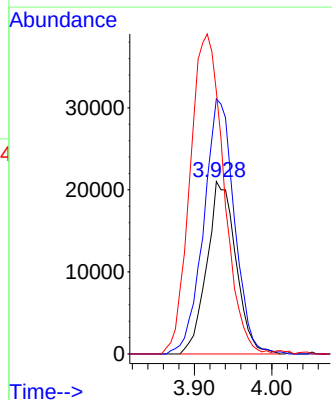
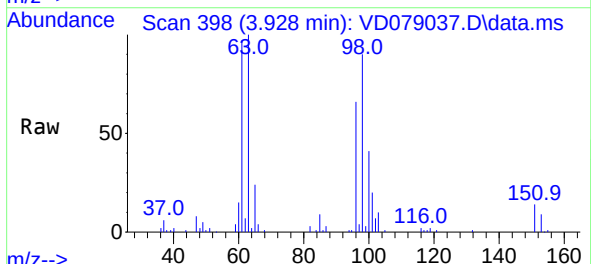


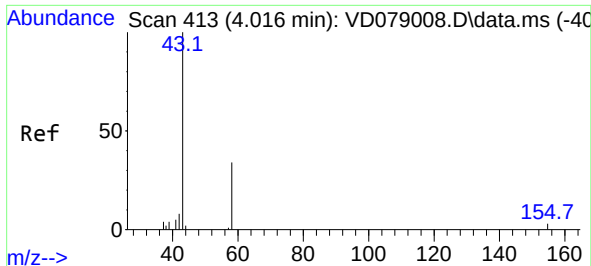
Tgt Ion:101 Resp: 65258
 Ion Ratio Lower Upper
 101 100
 85 42.7 36.2 54.2
 151 73.3 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 17.681 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.012 min
 Lab File: VD079037.D
 Acq: 25 May 2024 00:26

Tgt Ion: 96 Resp: 54746
 Ion Ratio Lower Upper
 96 100
 61 148.0 98.6 183.0
 63 152.2 68.3 126.8

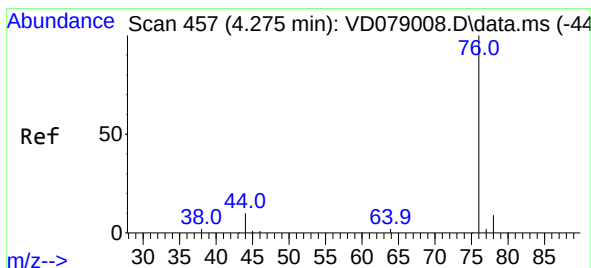
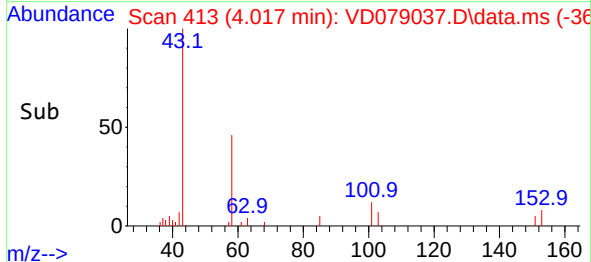
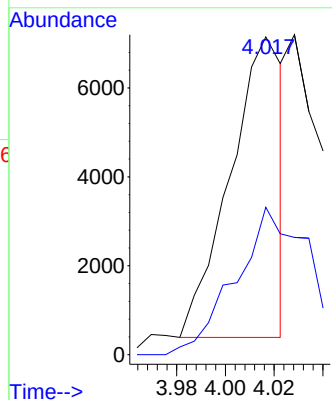
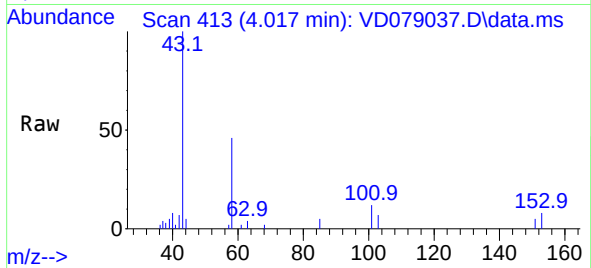




#13
Acetone
Concen: 13.543 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

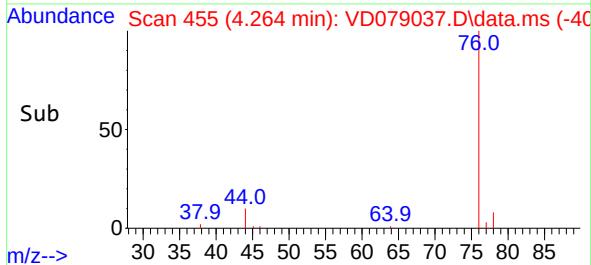
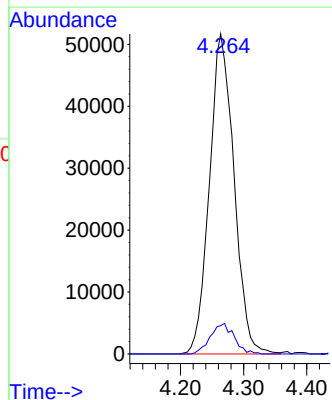
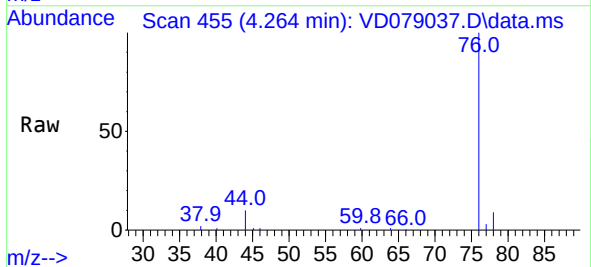
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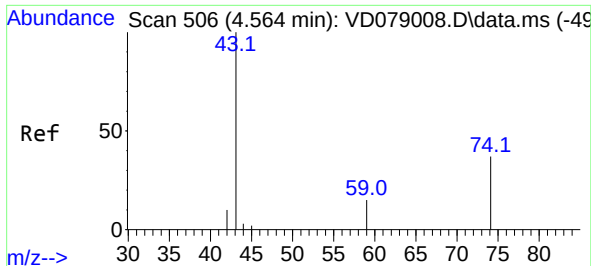
Tgt Ion: 43 Resp: 10165
Ion Ratio Lower Upper
43 100
58 52.9 0.0 75.0



#14
Carbon disulfide
Concen: 15.578 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 139778
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7

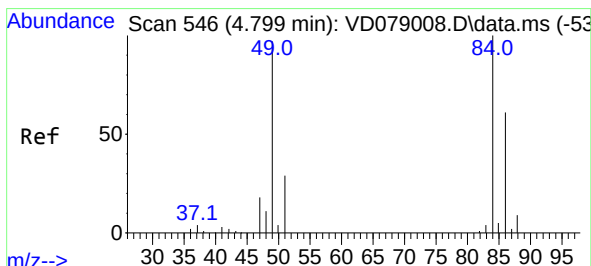
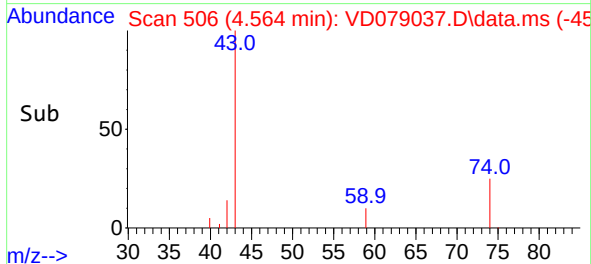
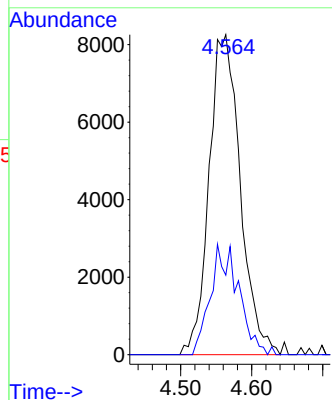
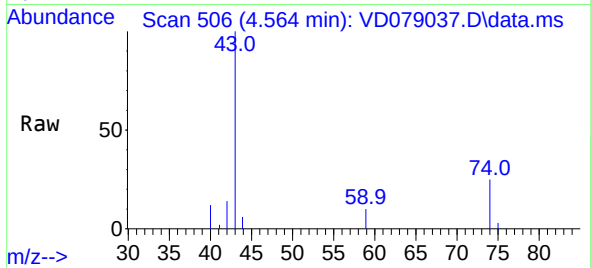




#15
Methyl Acetate
Concen: 20.652 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

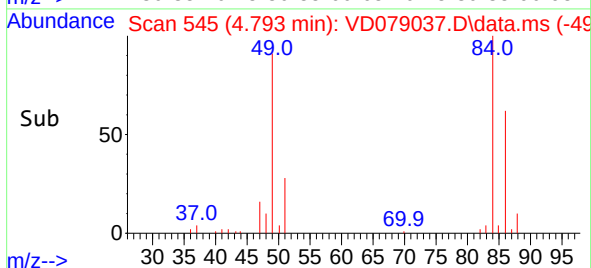
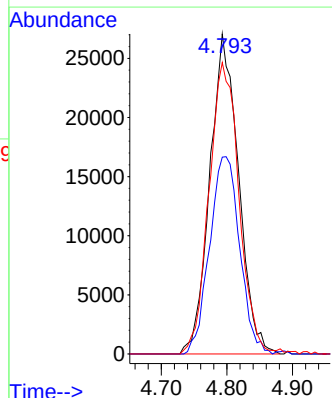
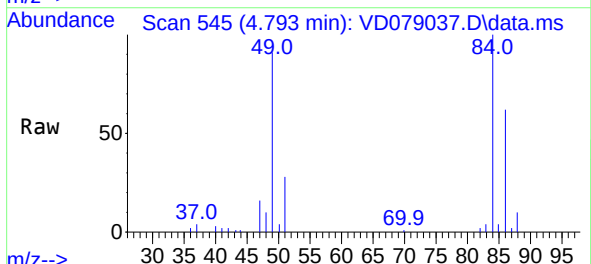
Instrument :
MSVOA_D
ClientSampleId :

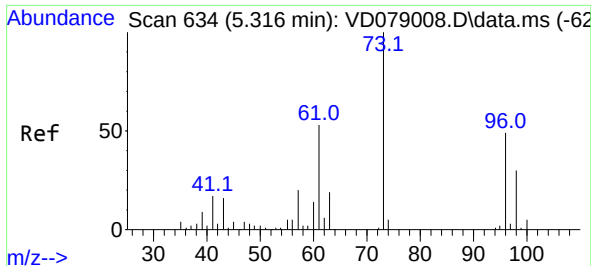
Tgt Ion: 43 Resp: 25185
Ion Ratio Lower Upper
43 100
74 2.1 25.1 37.7#



#16
Methylene chloride
Concen: 19.415 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

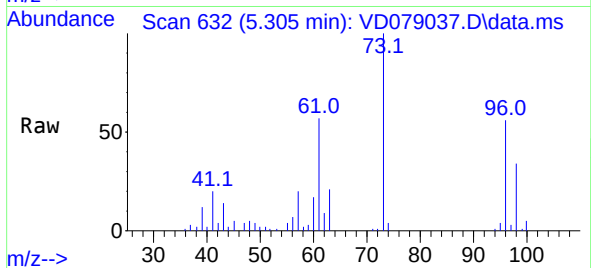
Tgt Ion: 84 Resp: 82356
Ion Ratio Lower Upper
84 100
86 61.5 43.7 81.1
49 91.1 64.0 119.0



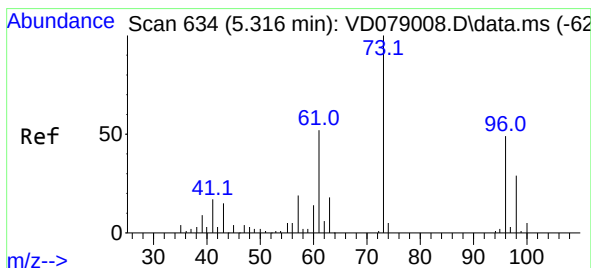
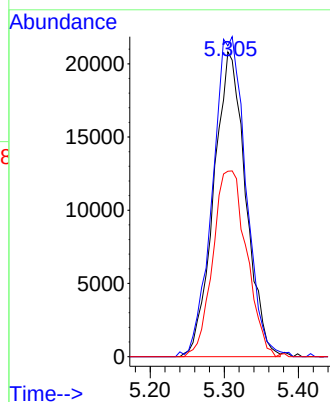
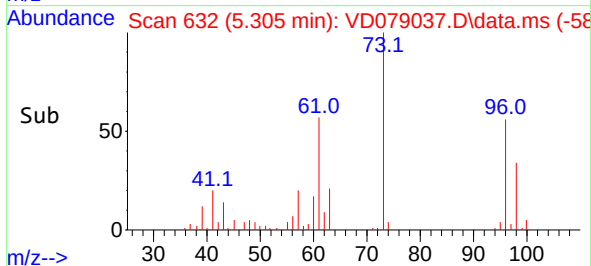


#17
trans-1,2-Dichloroethene
Concen: 19.733 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

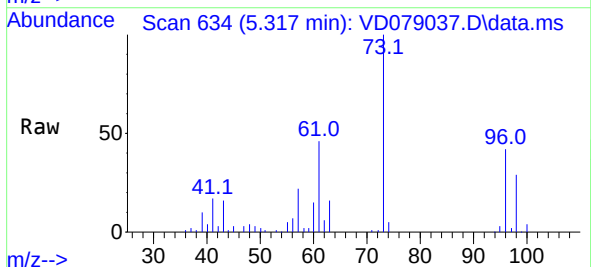
Instrument :
MSVOA_D
ClientSampleId :



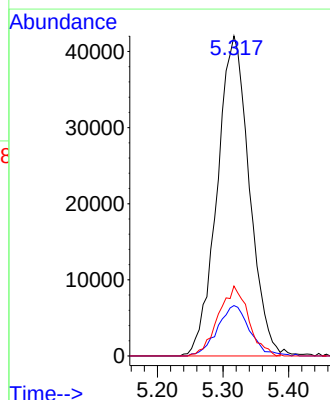
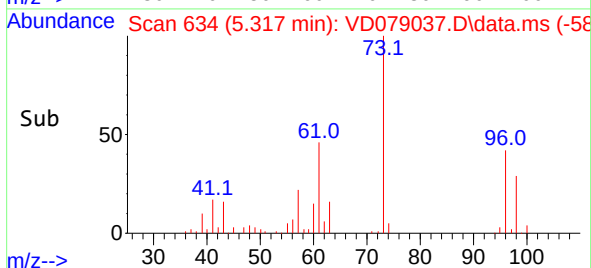
Tgt Ion: 96 Resp: 62213
Ion Ratio Lower Upper
96 100
61 102.0 75.5 140.1
98 60.9 39.1 72.7

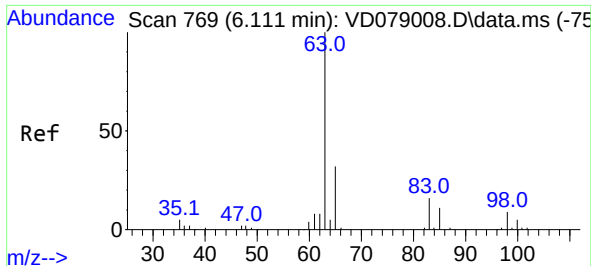


#18
Methyl tert-butyl Ether
Concen: 21.278 ug/L
RT: 5.317 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26



Tgt Ion: 73 Resp: 142927
Ion Ratio Lower Upper
73 100
43 15.4 6.7 10.1#
57 20.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 21.776 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

Instrument :

MSVOA_D

ClientSampleId :

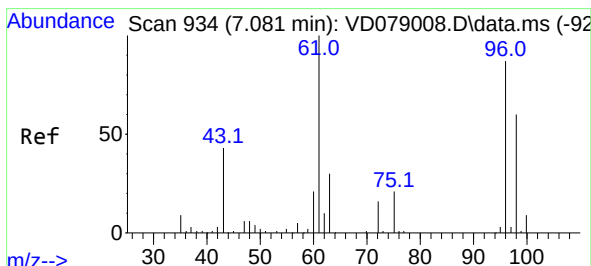
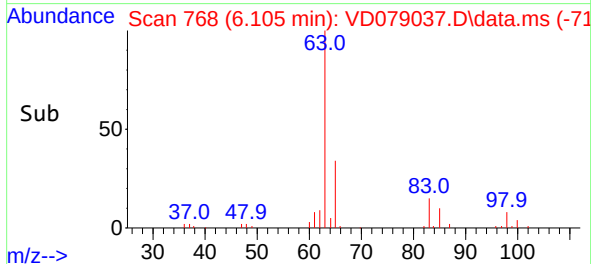
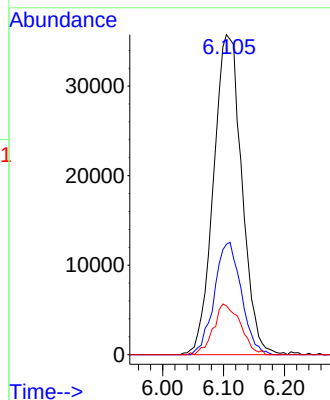
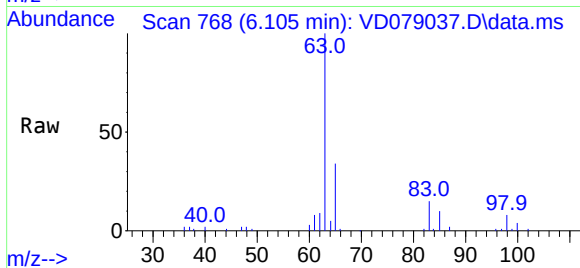
Tgt Ion: 63 Resp: 115313

Ion Ratio Lower Upper

63 100

65 34.5 23.5 43.7

83 15.3 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 21.409 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

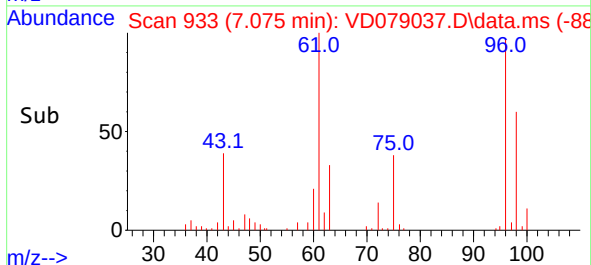
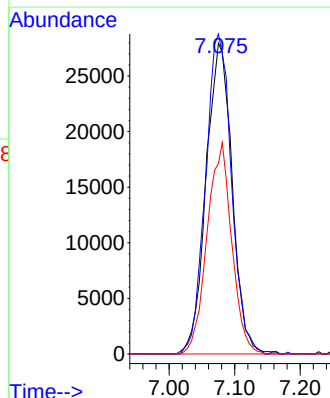
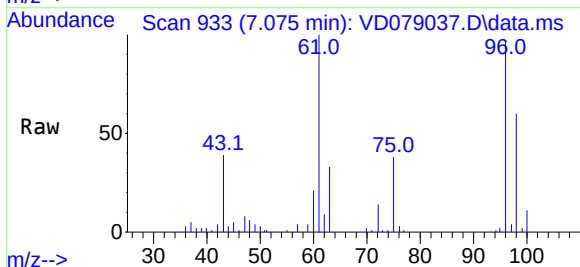
Tgt Ion: 96 Resp: 76987

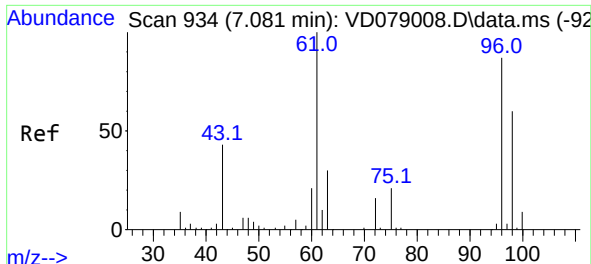
Ion Ratio Lower Upper

96 100

61 103.0 71.6 133.0

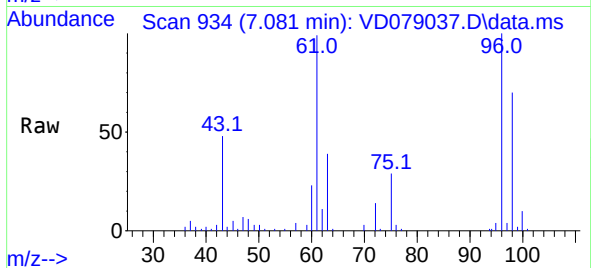
98 61.3 40.1 74.5



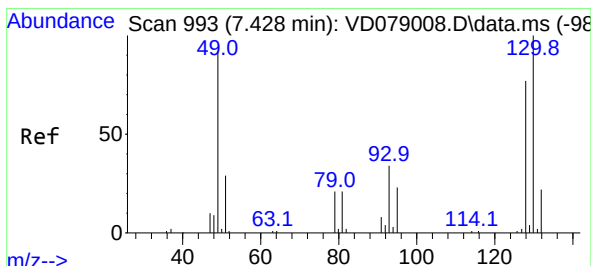
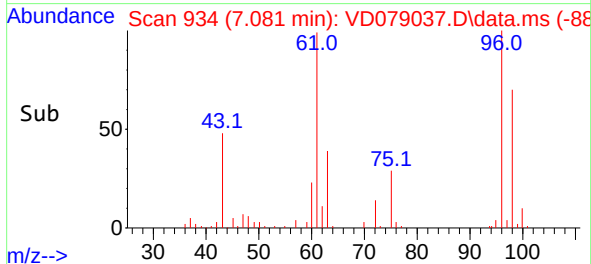
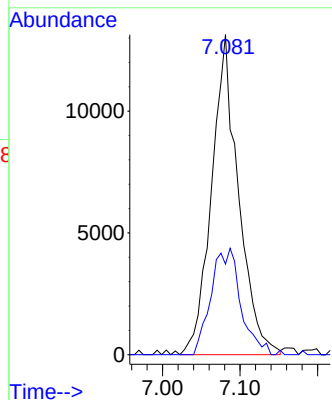


#22
2-Butanone
Concen: 36.769 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :

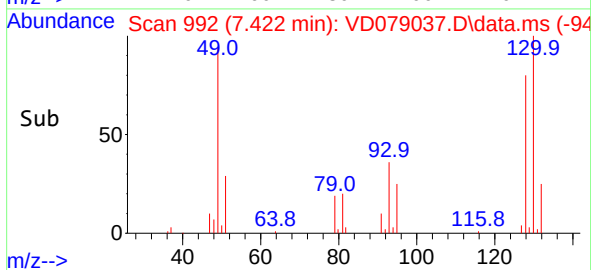
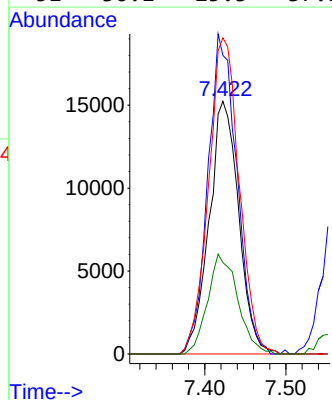
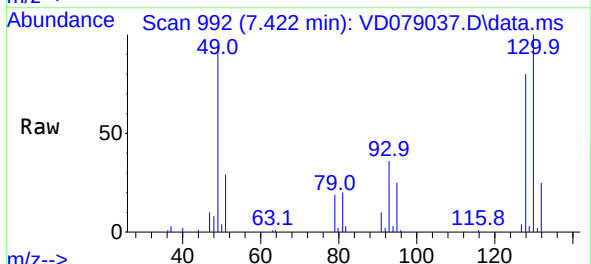


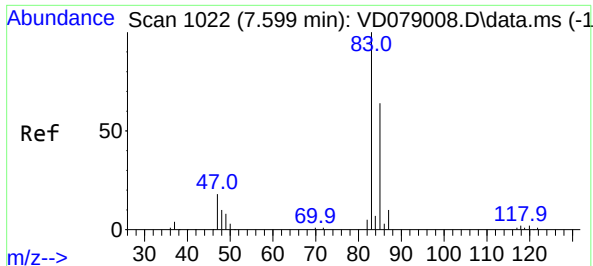
Tgt Ion: 43 Resp: 31730
Ion Ratio Lower Upper
43 100
72 19.8 17.1 51.2



#23
Bromochloromethane
Concen: 21.447 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion:128 Resp: 38536
Ion Ratio Lower Upper
128 100
49 118.2 77.3 143.5
130 125.1 83.4 154.8
51 36.1 25.3 37.9





#25

Chloroform

Concen: 22.575 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

Instrument :

MSVOA_D

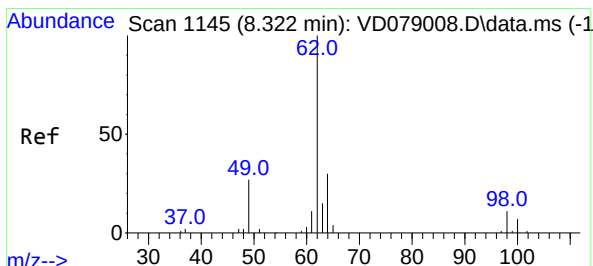
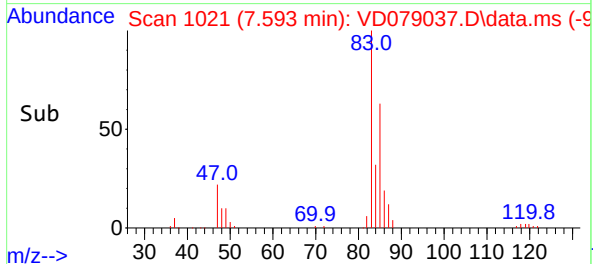
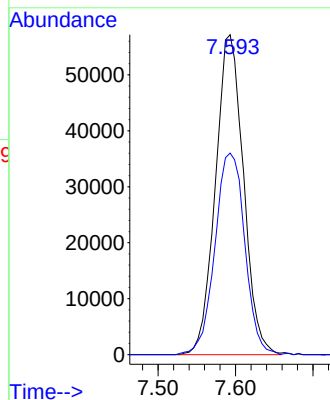
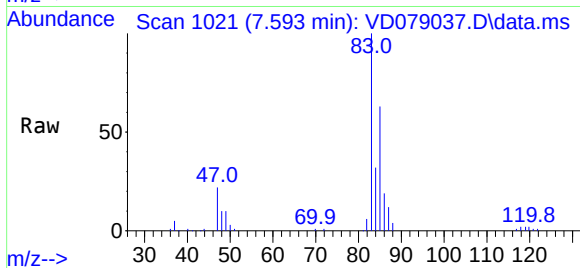
ClientSampleId :

Tgt Ion: 83 Resp: 143686

Ion Ratio Lower Upper

83 100

85 63.0 41.8 77.6



#27

1,2-Dichloroethane

Concen: 22.101 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079037.D

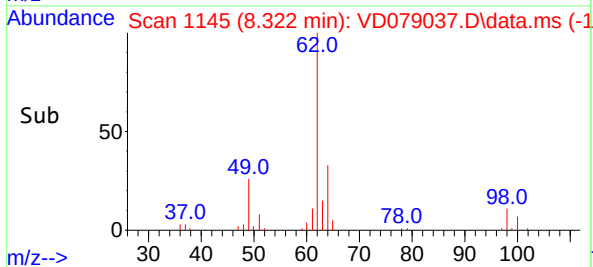
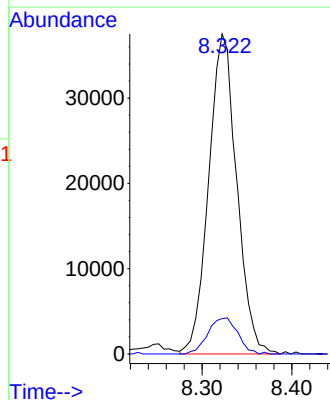
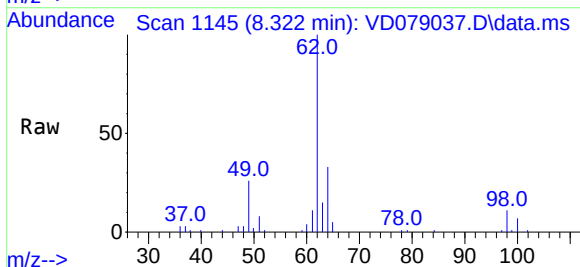
Acq: 25 May 2024 00:26

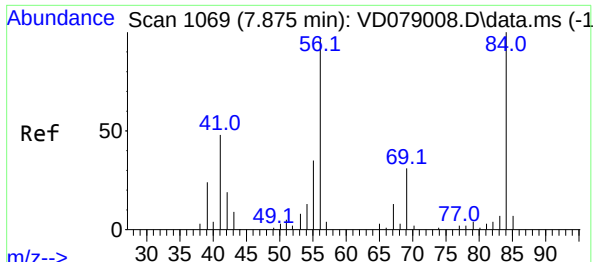
Tgt Ion: 62 Resp: 81474

Ion Ratio Lower Upper

62 100

98 11.1 10.2 15.4





#29

Cyclohexane

Concen: 18.196 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

Instrument :

MSVOA_D

ClientSampleId :

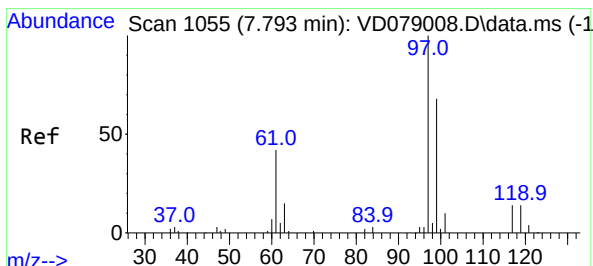
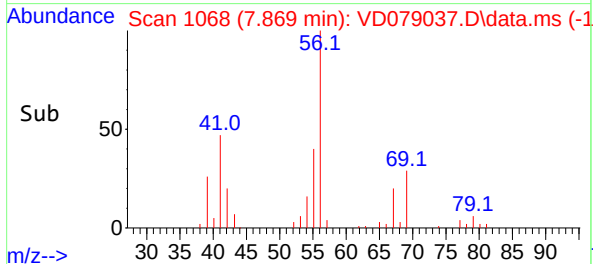
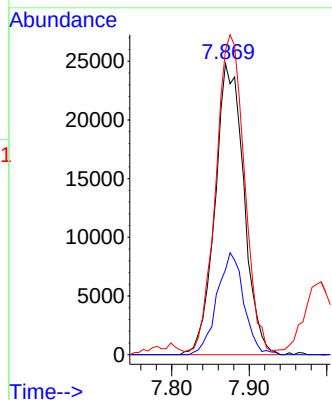
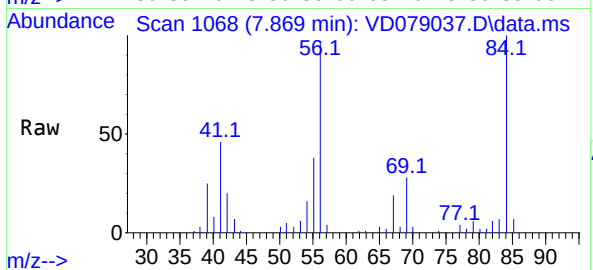
Tgt Ion: 56 Resp: 63994

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

84 110.1 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 21.434 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

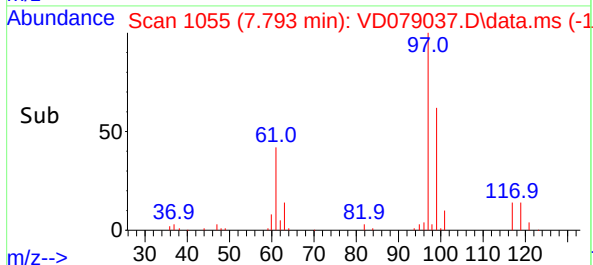
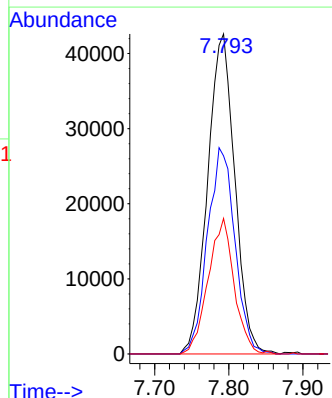
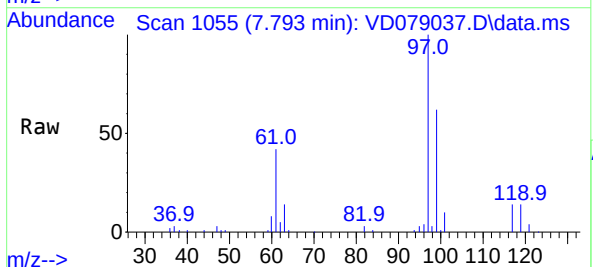
Tgt Ion: 97 Resp: 108514

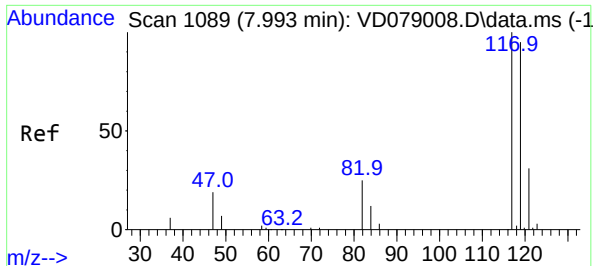
Ion Ratio Lower Upper

97 100

99 65.1 52.6 78.8

61 40.4 32.6 48.8

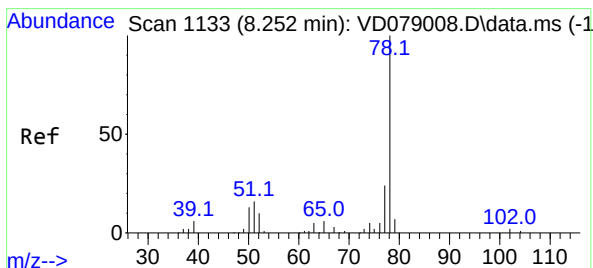
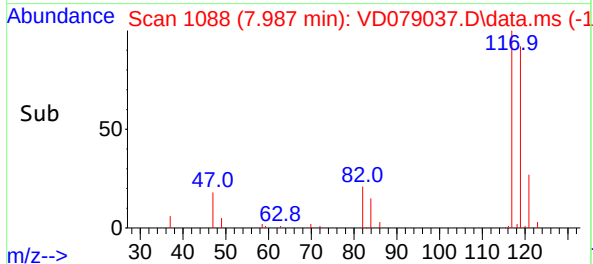
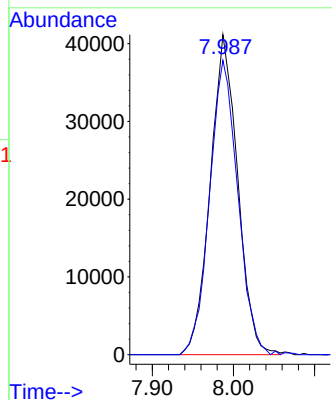
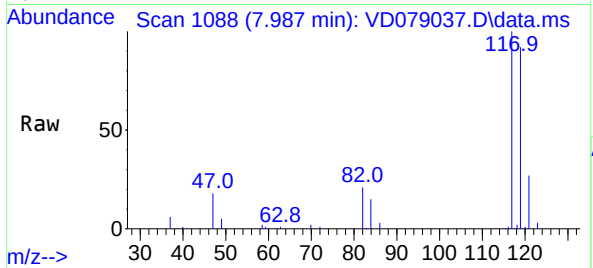




#31
Carbon tetrachloride
Concen: 20.723 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

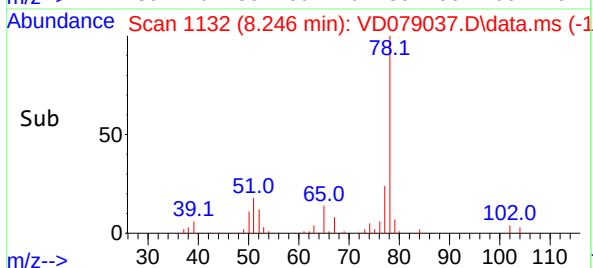
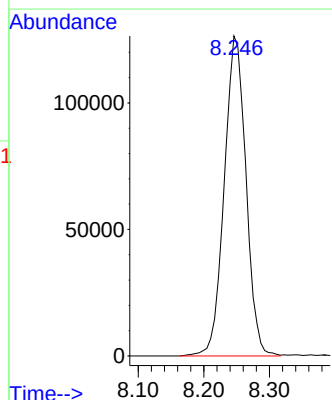
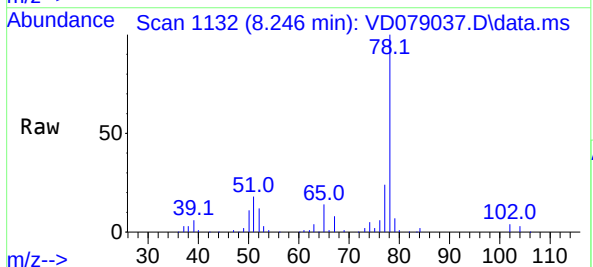
Instrument :
MSVOA_D
ClientSampleId :

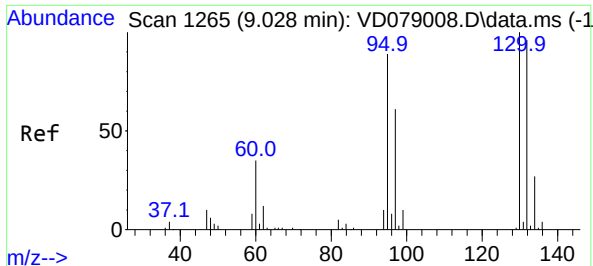
Tgt Ion:117 Resp: 96601
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5



#33
Benzene
Concen: 23.193 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

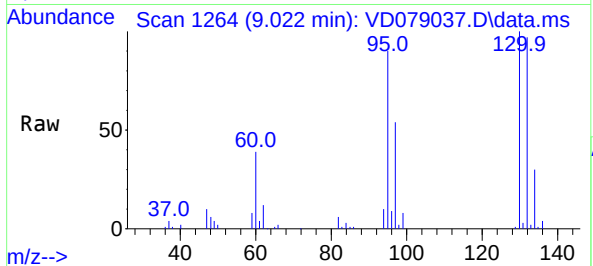
Tgt Ion: 78 Resp: 290912



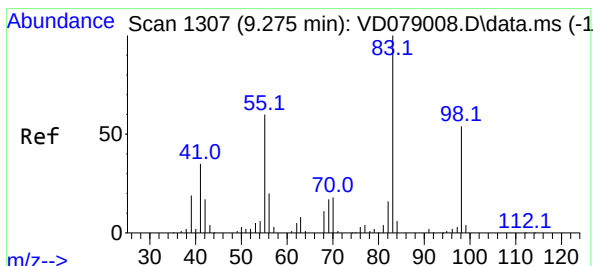
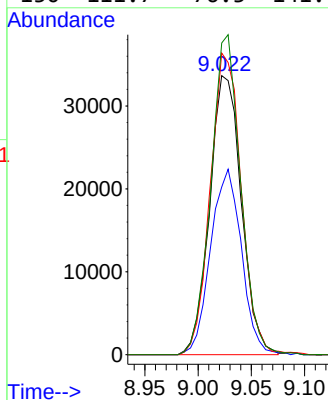
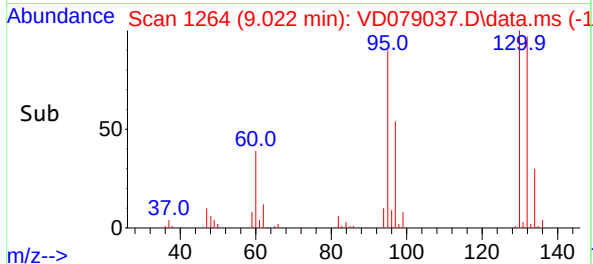


#34
Trichloroethene
Concen: 21.491 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

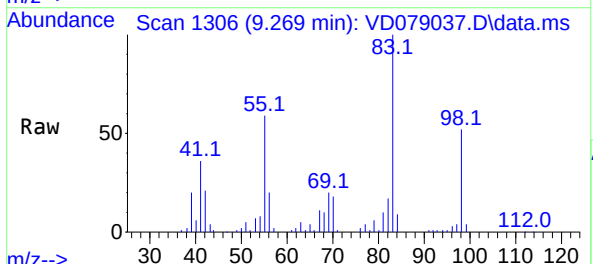
Instrument :
MSVOA_D
ClientSampleId :



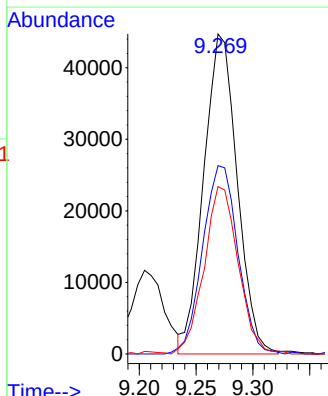
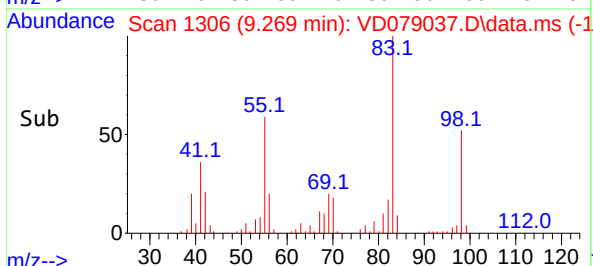
Tgt Ion: 95 Resp: 69447
Ion Ratio Lower Upper
95 100
97 60.1 42.6 79.2
132 108.1 69.5 129.1
130 111.7 76.3 141.7

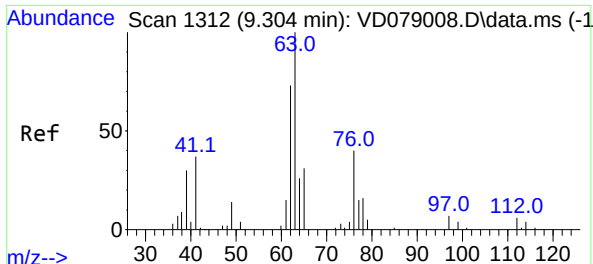


#35
Methylcyclohexane
Concen: 18.848 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26



Tgt Ion: 83 Resp: 91570
Ion Ratio Lower Upper
83 100
55 62.0 49.0 73.6
98 53.3 40.1 60.1

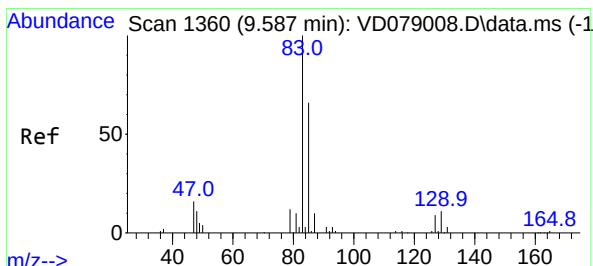
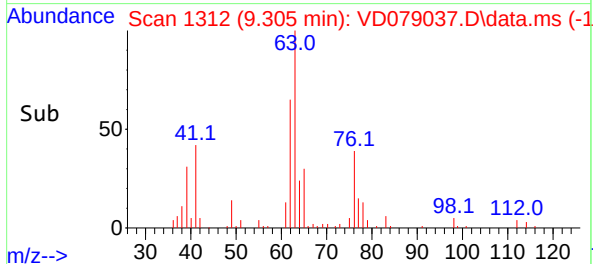
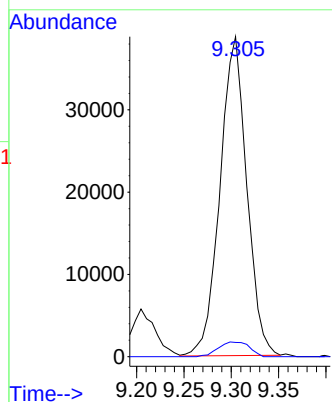
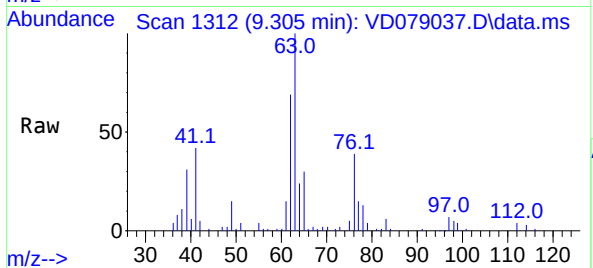




#37
1,2-Dichloropropane
Concen: 23.968 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

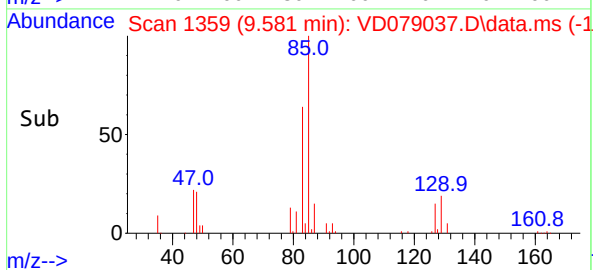
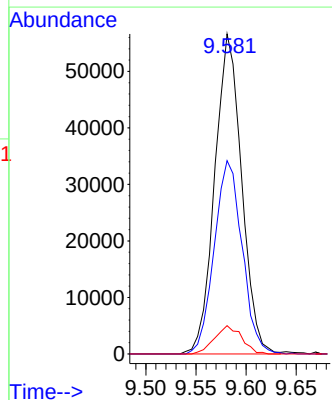
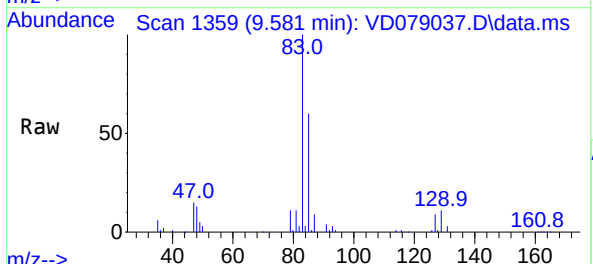
Instrument :
MSVOA_D
ClientSampleId :

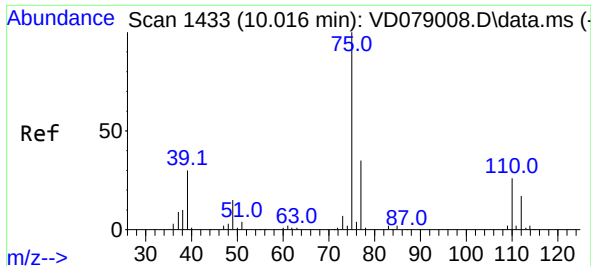
Tgt Ion: 63 Resp: 76188
Ion Ratio Lower Upper
63 100
112 5.4 4.1 6.1



#38
Bromodichloromethane
Concen: 23.522 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 83 Resp: 105731
Ion Ratio Lower Upper
83 100
85 60.4 45.4 84.4
127 9.8 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 22.419 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

Instrument :

MSVOA_D

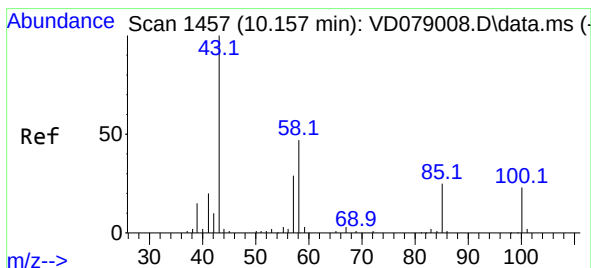
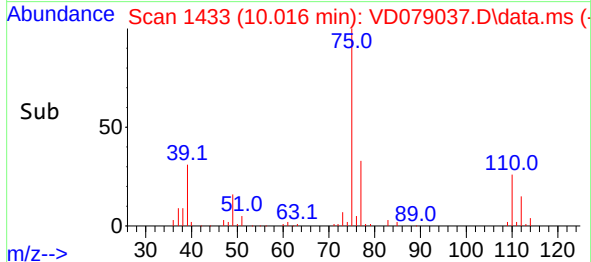
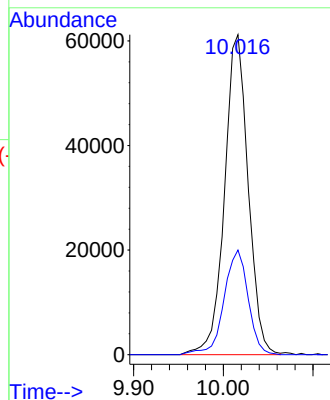
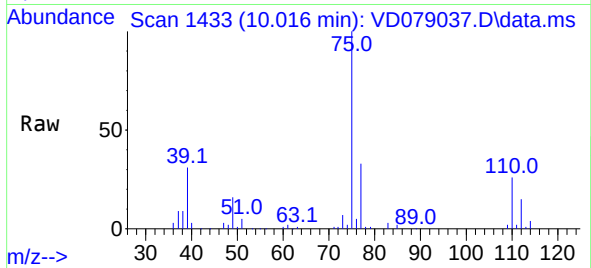
ClientSampleId :

Tgt Ion: 75 Resp: 111793

Ion Ratio Lower Upper

75 100

77 32.7 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 47.006 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

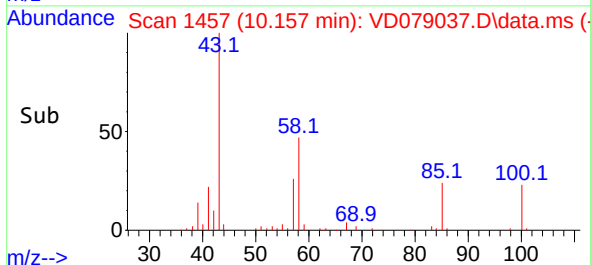
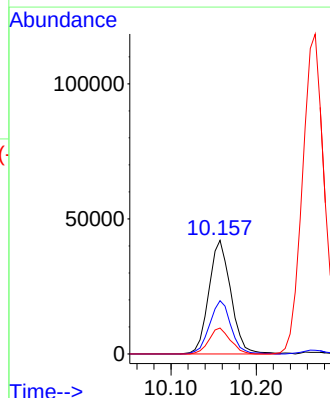
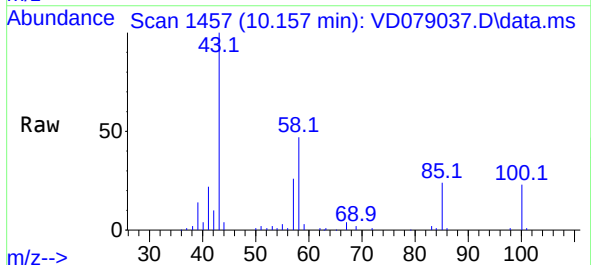
Tgt Ion: 43 Resp: 75475

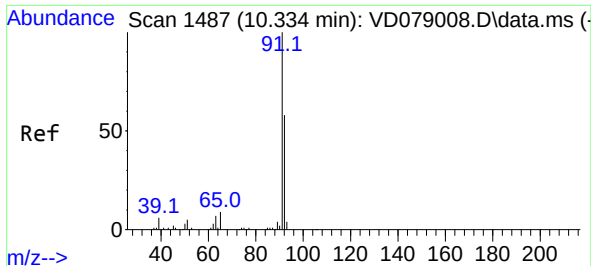
Ion Ratio Lower Upper

43 100

58 45.6 38.0 57.0

100 22.0 17.3 25.9

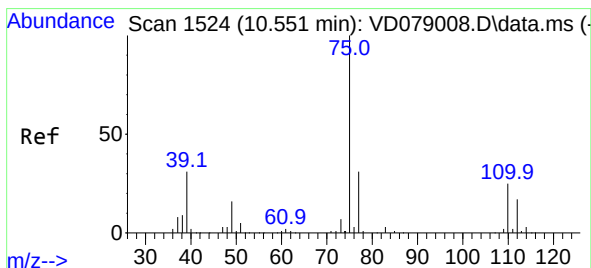
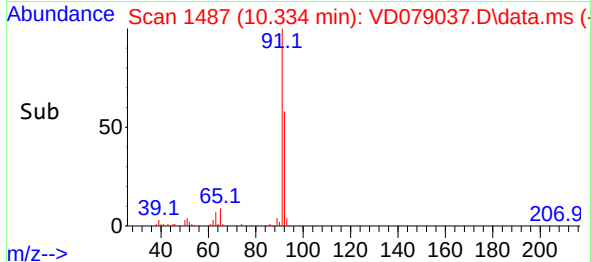
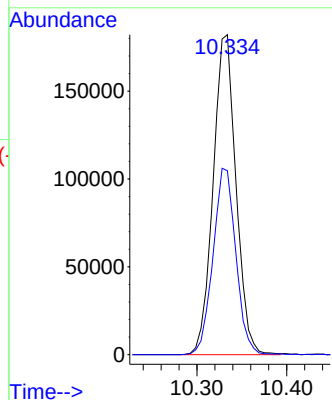
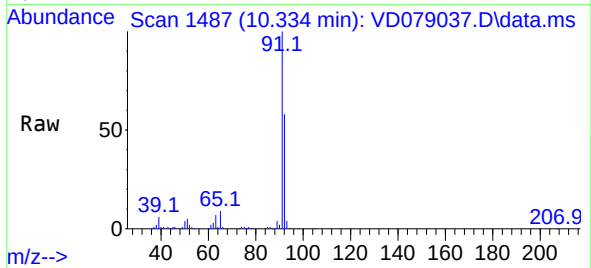




#42
Toluene
Concen: 23.376 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

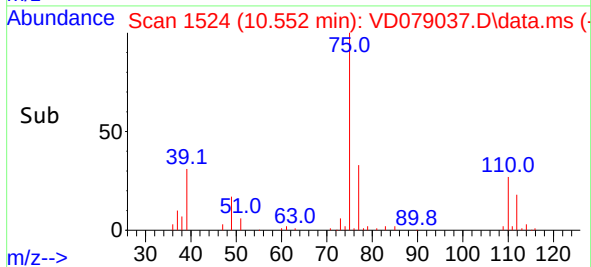
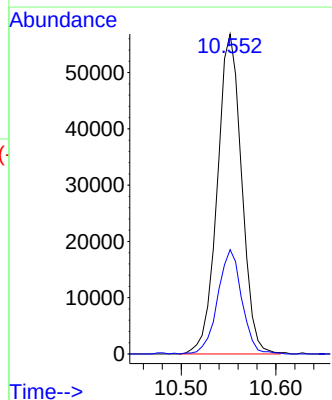
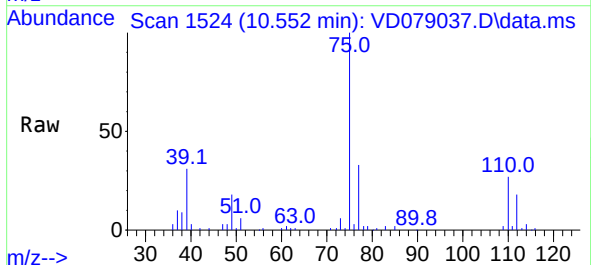
Instrument :
MSVOA_D
ClientSampleId :

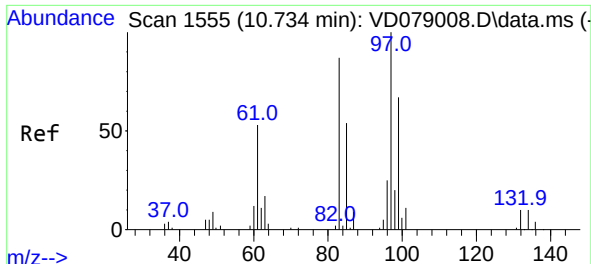
Tgt Ion: 91 Resp: 322357
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 23.035 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 75 Resp: 101550
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4

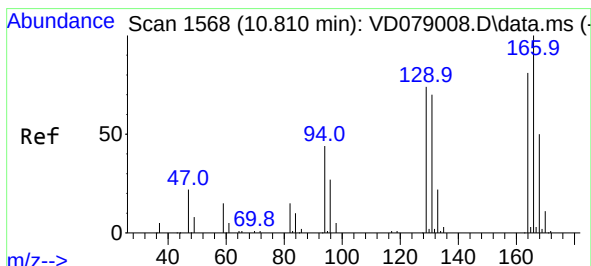
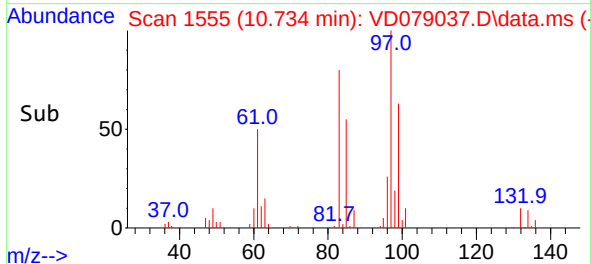
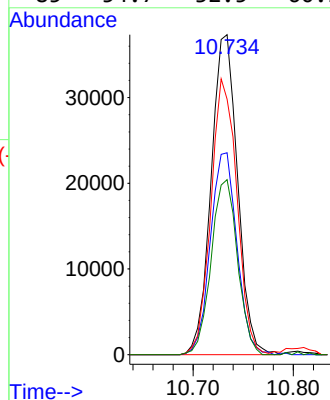
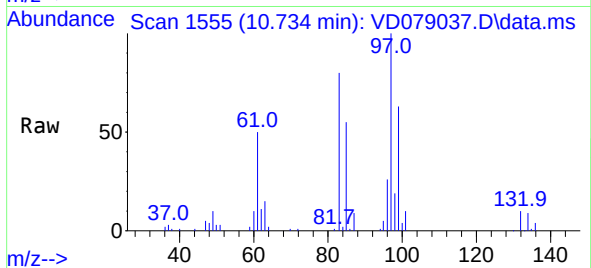




#45
1,1,2-Trichloroethane
Concen: 23.575 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

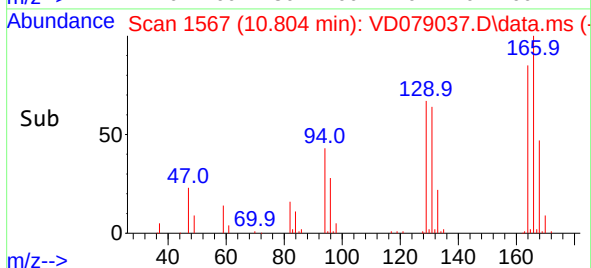
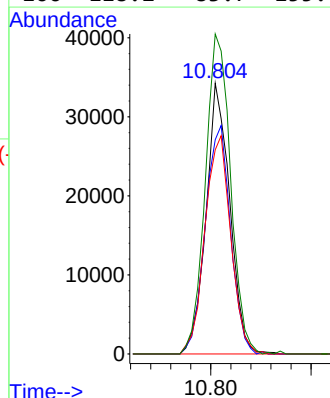
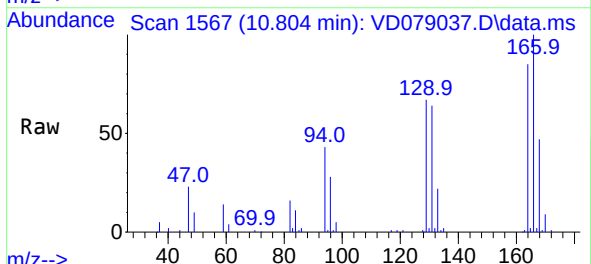
Instrument :
MSVOA_D
ClientSampleId :

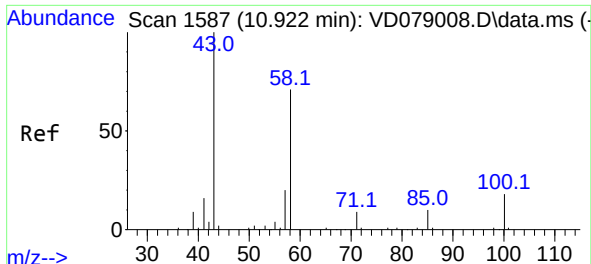
Tgt Ion:	97	Resp:	68524
Ion	Ratio	Lower	Upper
97	100		
99	63.1	39.1	72.7
83	79.8	54.6	101.4
85	54.7	32.5	60.3



#46
Tetrachloroethene
Concen: 20.308 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

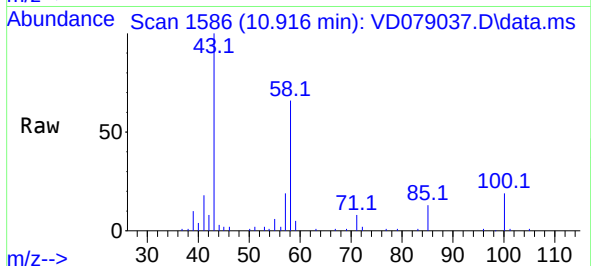
Tgt Ion:	164	Resp:	56461
Ion	Ratio	Lower	Upper
164	100		
129	79.1	63.3	117.7
131	75.4	60.8	112.8
166	118.2	83.7	155.4





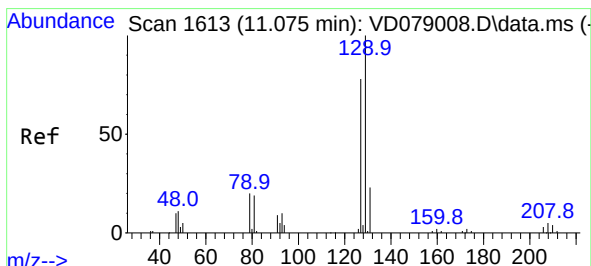
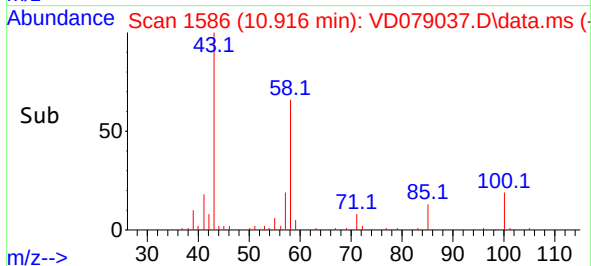
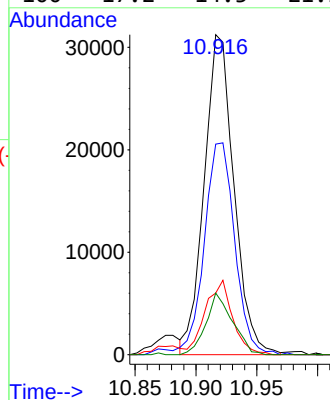
#48
2-Hexanone
Concen: 42.707 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 53157

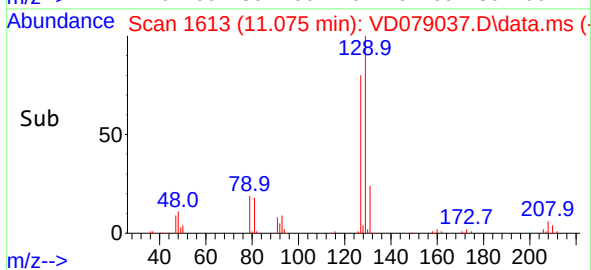
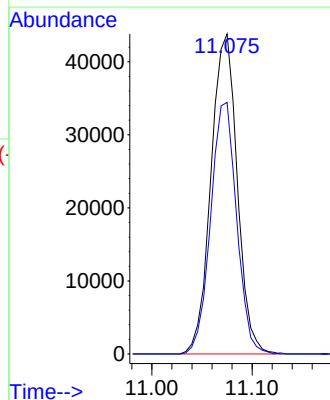
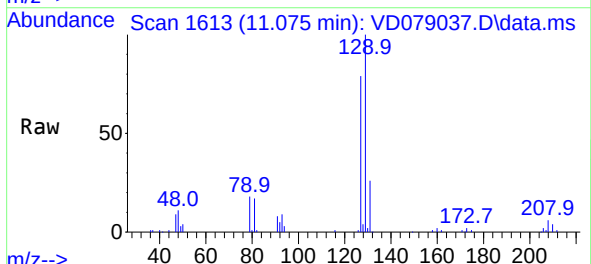
Ion	Ratio	Lower	Upper
43	100		
58	67.5	53.4	80.2
57	21.2	17.0	25.4
100	17.2	14.3	21.5

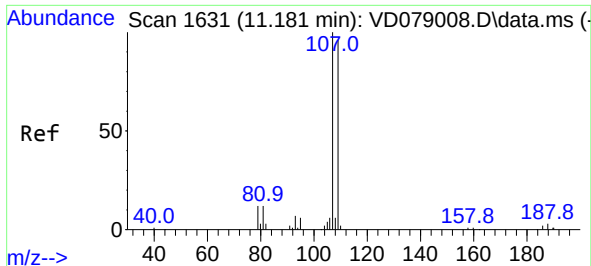


#49
Dibromochloromethane
Concen: 22.568 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 129 Resp: 79752

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.8	101.8





#50

1,2-Dibromoethane

Concen: 22.546 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079037.D

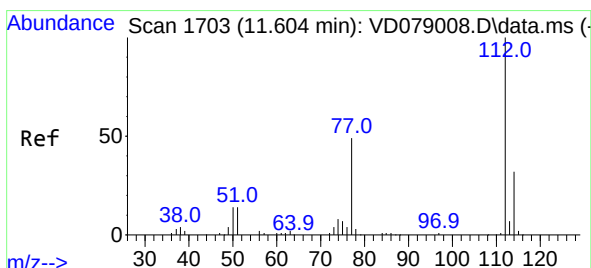
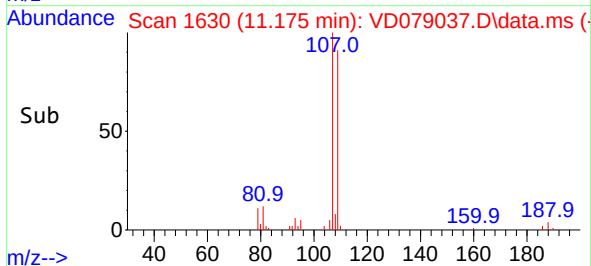
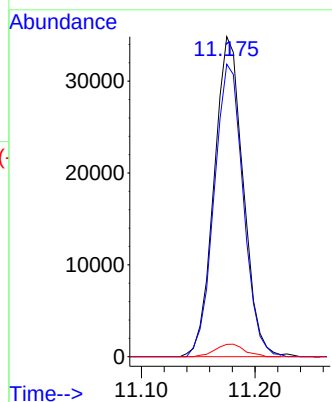
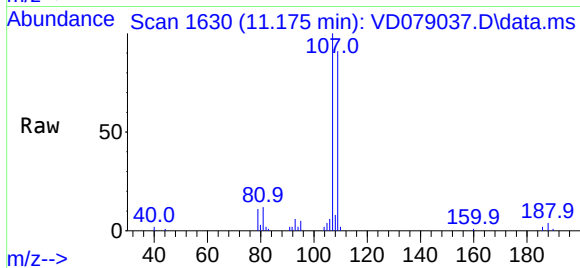
Acq: 25 May 2024 00:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	61904
Ion	Ratio	Lower	Upper
107	100		
109	91.4	67.0	124.4
188	3.9	3.4	5.2



#51

Chlorobenzene

Concen: 22.114 ug/L

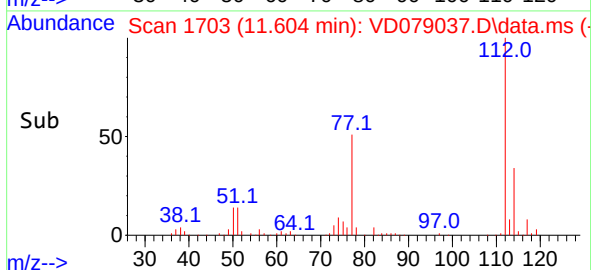
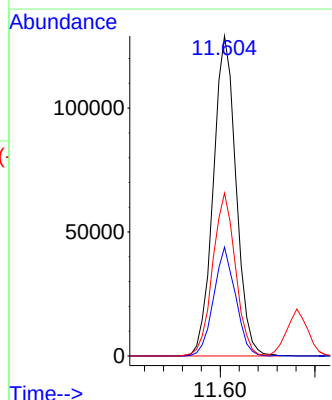
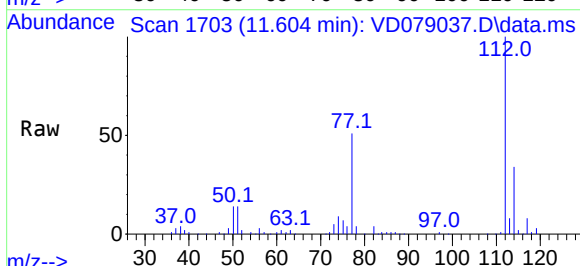
RT: 11.604 min Scan# 1703

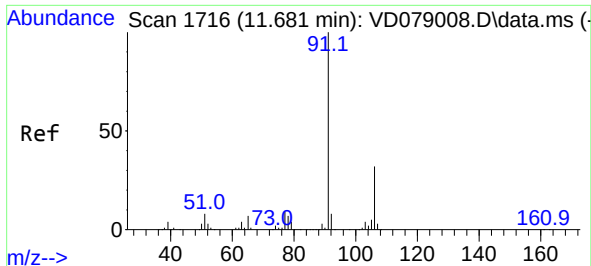
Delta R.T. 0.000 min

Lab File: VD079037.D

Acq: 25 May 2024 00:26

Tgt Ion:	112	Resp:	215444
Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.5	41.9
77	50.9	39.4	59.0

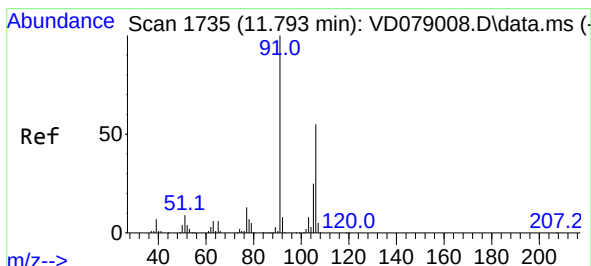
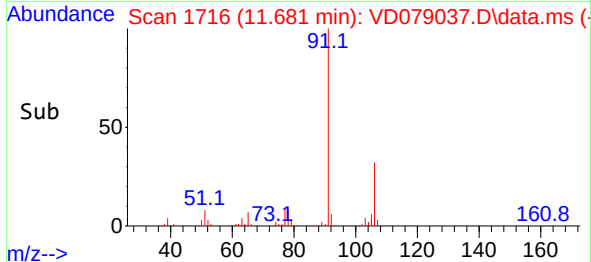
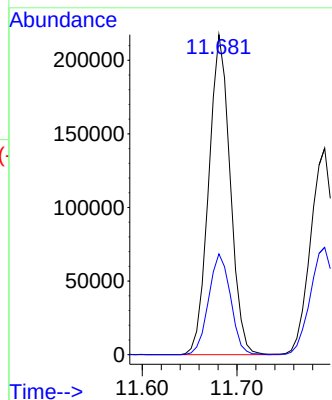
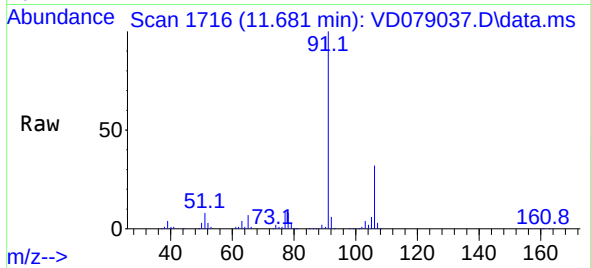




#52
Ethylbenzene
Concen: 22.971 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

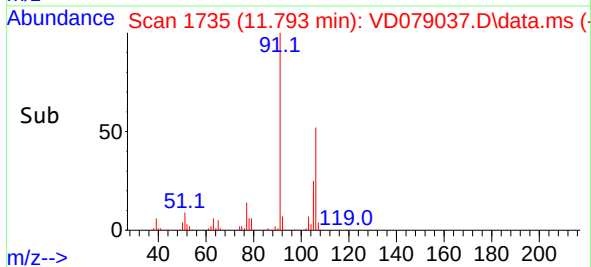
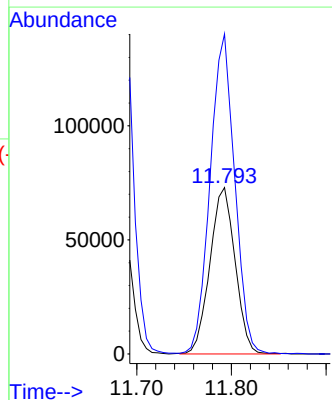
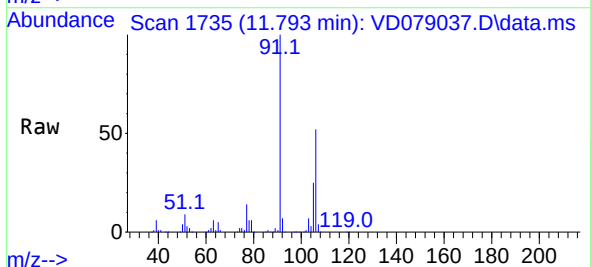
Instrument :
MSVOA_D
ClientSampleId :

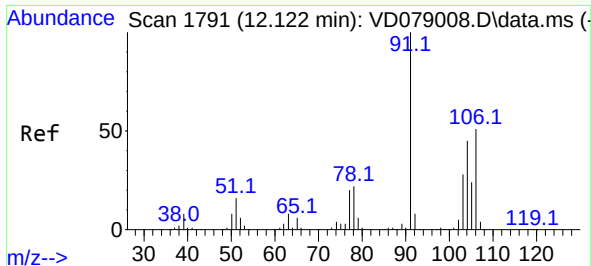
Tgt Ion: 91 Resp: 341893
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-Xylene
Concen: 22.628 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion: 106 Resp: 134729
Ion Ratio Lower Upper
106 100
91 192.4 128.3 238.3

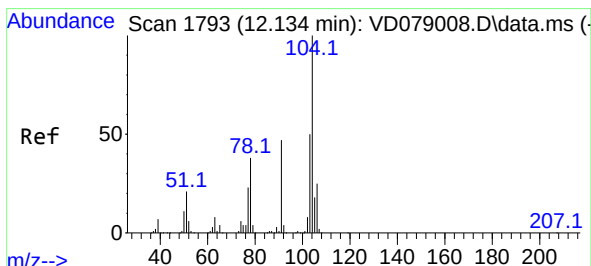
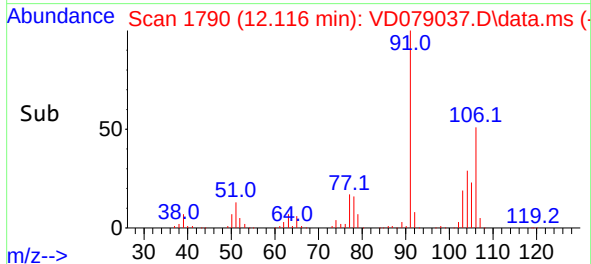
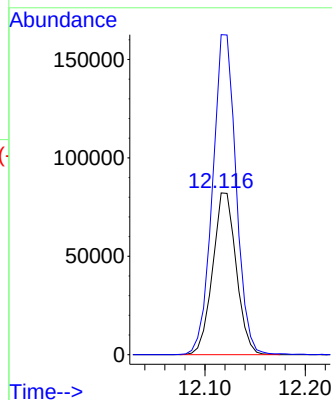
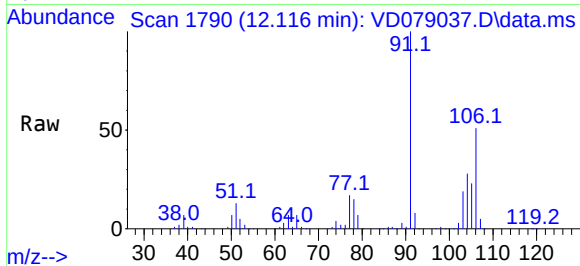




#54
o-Xylene
Concen: 23.153 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

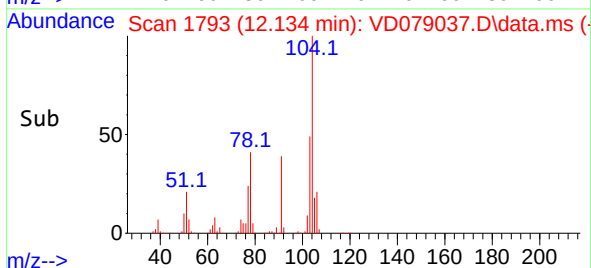
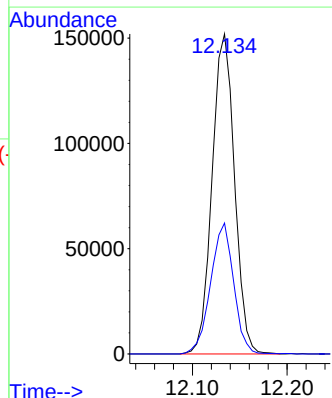
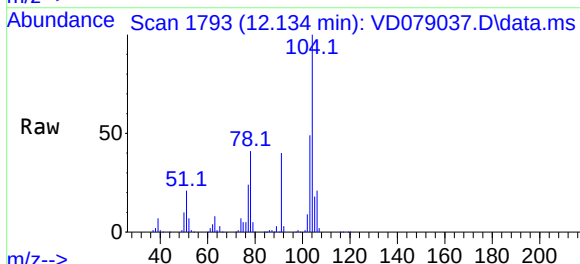
Instrument :
MSVOA_D
ClientSampleId :

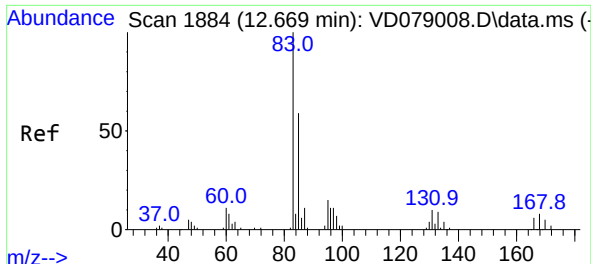
Tgt Ion:106 Resp: 134267
Ion Ratio Lower Upper
106 100
91 197.8 138.3 256.9



#55
Styrene
Concen: 24.378 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion:104 Resp: 249831
Ion Ratio Lower Upper
104 100
78 40.9 27.8 51.6

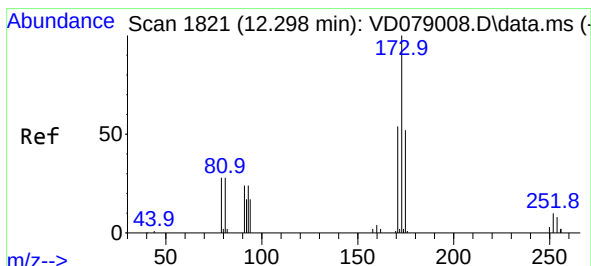
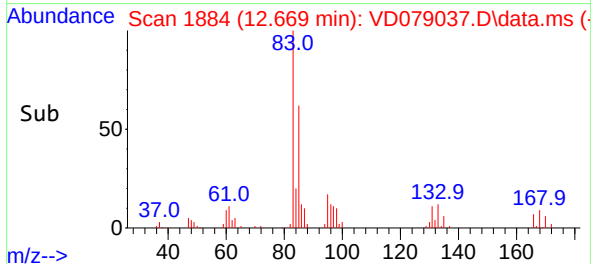
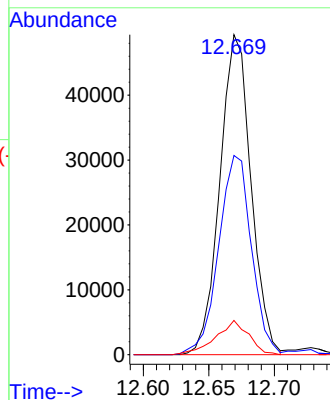
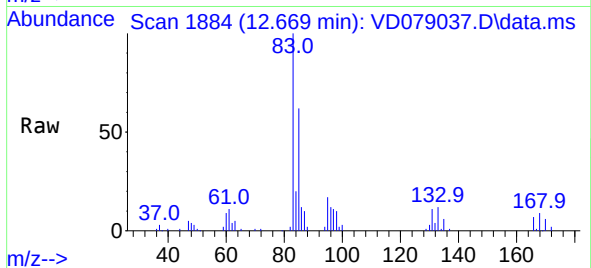




#57
1,1,2,2-Tetrachloroethane
Concen: 23.118 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

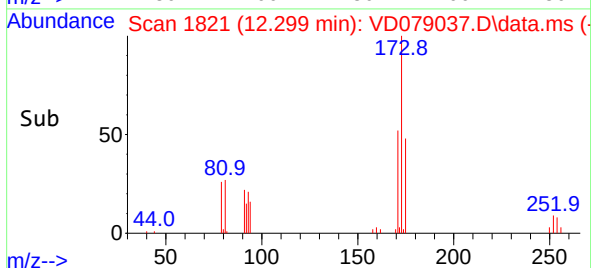
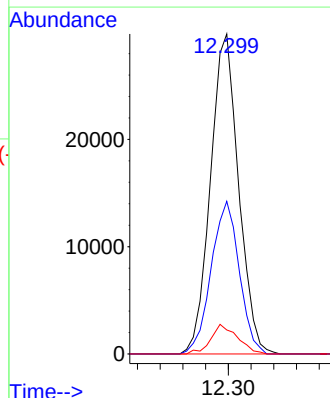
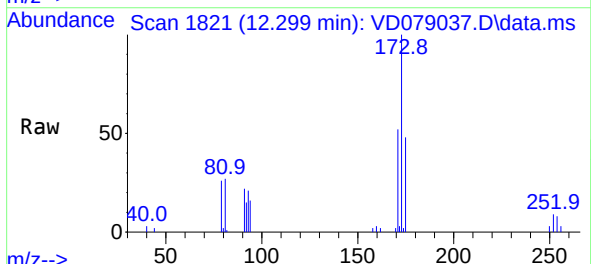
Instrument :
MSVOA_D
ClientSampleId :

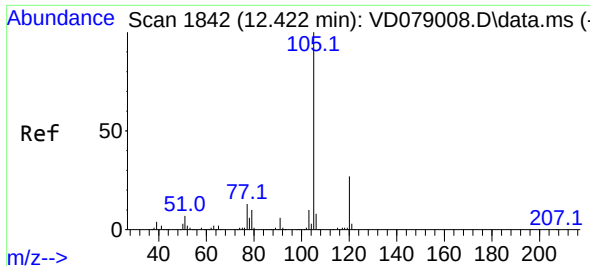
Tgt Ion: 83 Resp: 81500
Ion Ratio Lower Upper
83 100
85 62.3 44.3 82.3
131 10.7 7.5 11.3



#59
Bromoform
Concen: 23.575 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

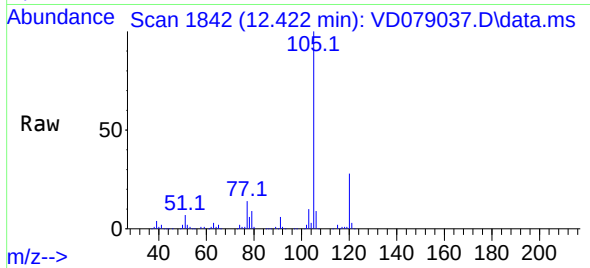
Tgt Ion:173 Resp: 51268
Ion Ratio Lower Upper
173 100
175 47.7 40.0 60.0
254 8.8 6.3 9.5



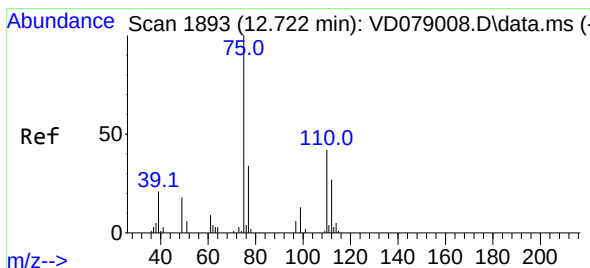
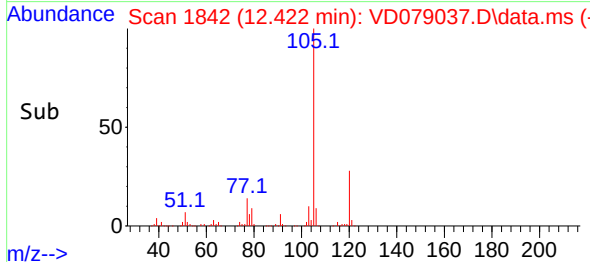
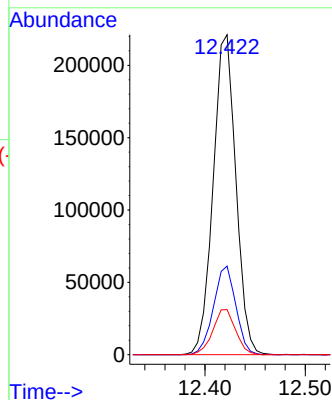


#60
Isopropylbenzene
Concen: 24.496 ug/L
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :

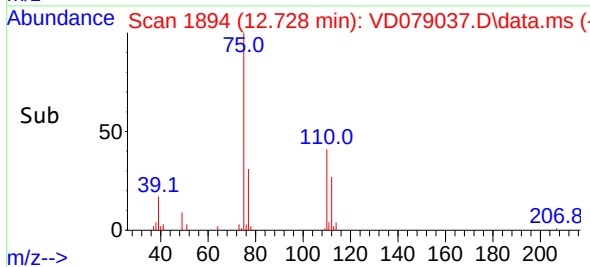
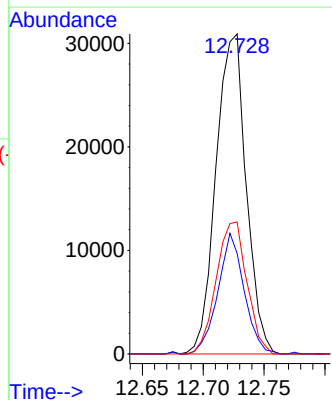
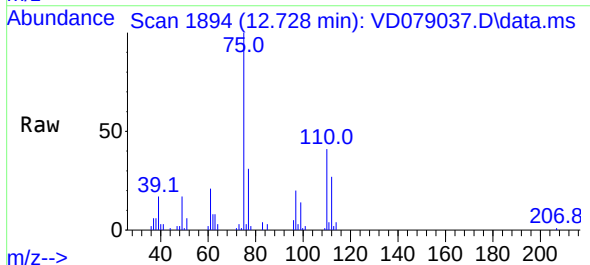


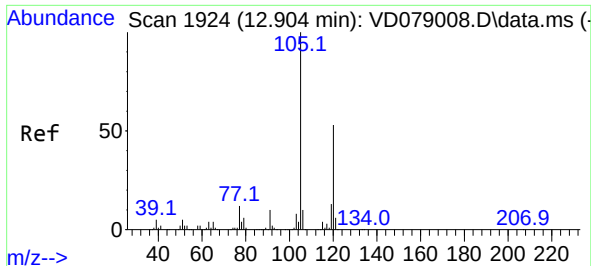
Tgt Ion:105 Resp: 347981
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.8
77 14.2 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 24.202 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

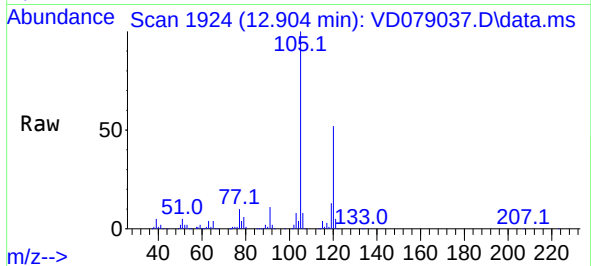
Tgt Ion: 75 Resp: 53304
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 41.9 37.1 55.7



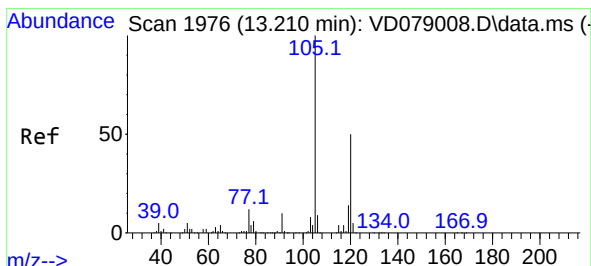
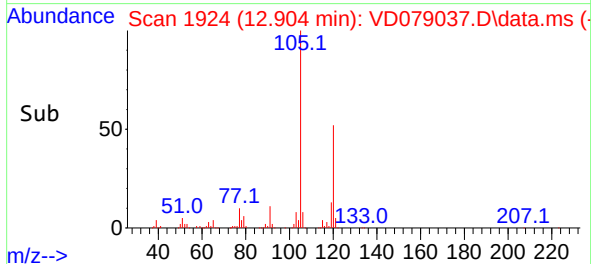
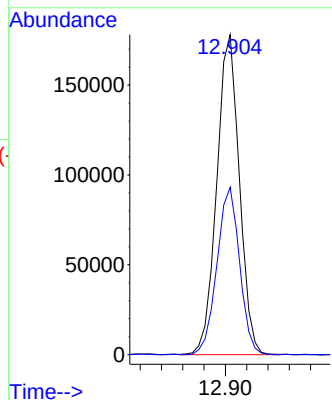


#62
1,3,5-Trimethylbenzene
Concen: 24.945 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :

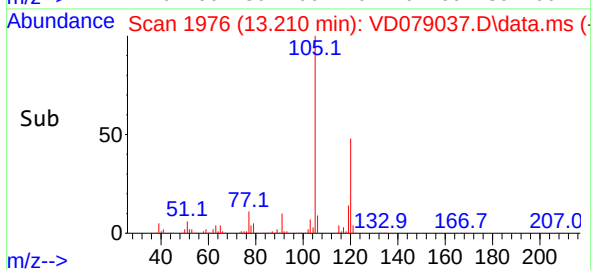
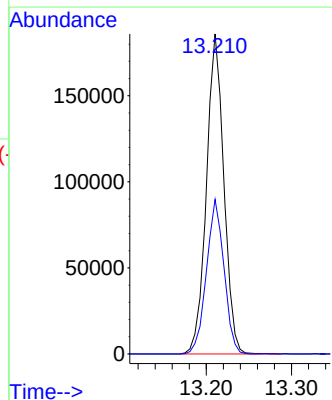
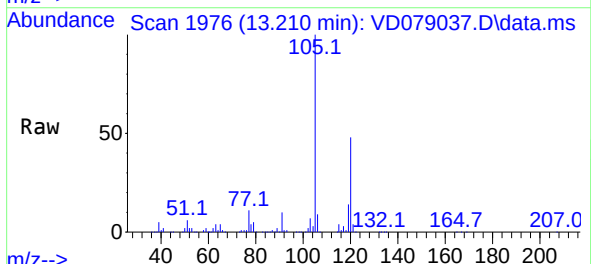


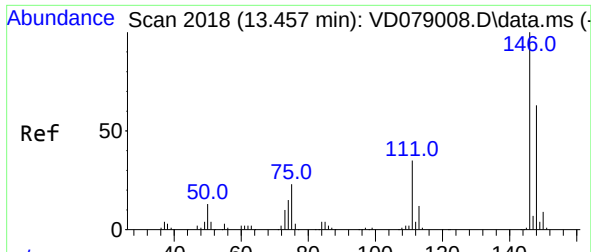
Tgt Ion:105 Resp: 261933
Ion Ratio Lower Upper
105 100
120 52.3 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 24.739 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

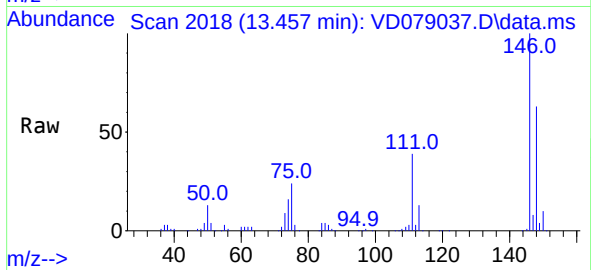
Tgt Ion:105 Resp: 263958
Ion Ratio Lower Upper
105 100
120 48.6 38.8 58.2



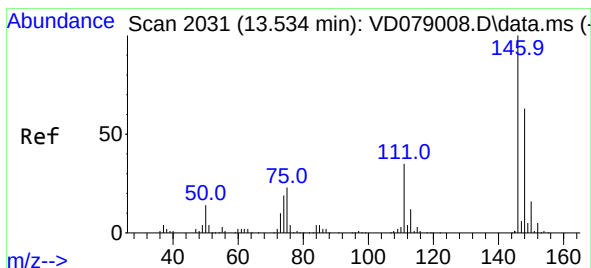
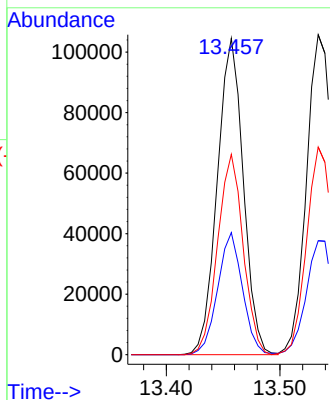


#64
1,3-Dichlorobenzene
Concen: 24.154 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :

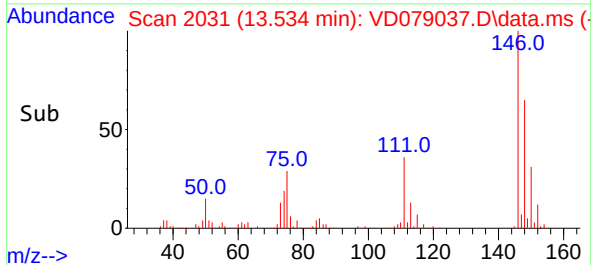
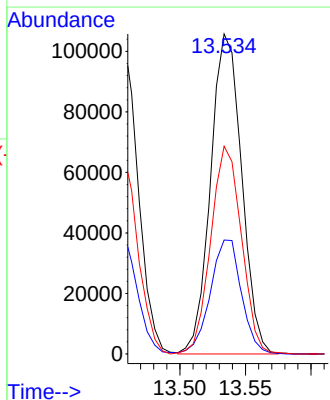
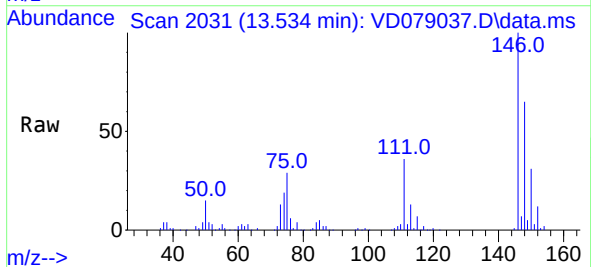


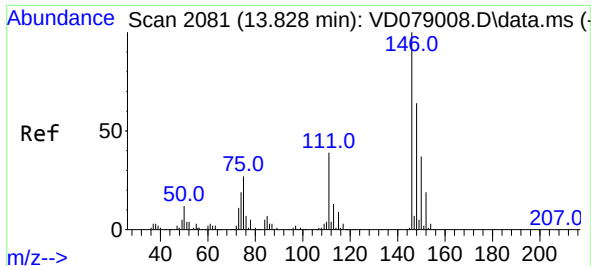
Tgt Ion:146 Resp: 166639
Ion Ratio Lower Upper
146 100
111 38.6 24.0 44.6
148 63.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 23.405 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

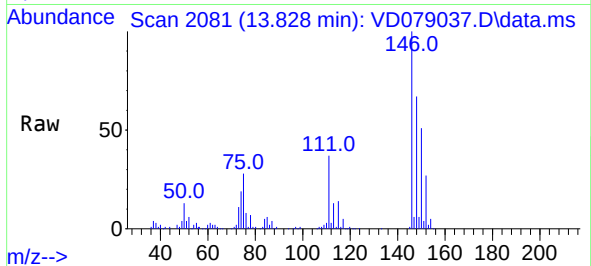
Tgt Ion:146 Resp: 174085
Ion Ratio Lower Upper
146 100
111 35.6 26.9 50.1
148 64.9 46.4 86.2



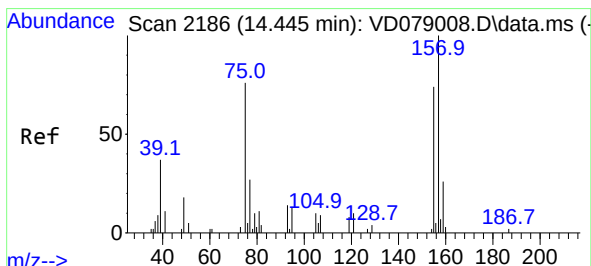
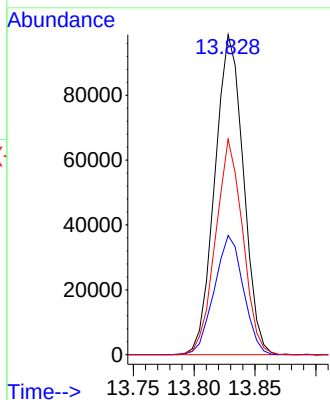
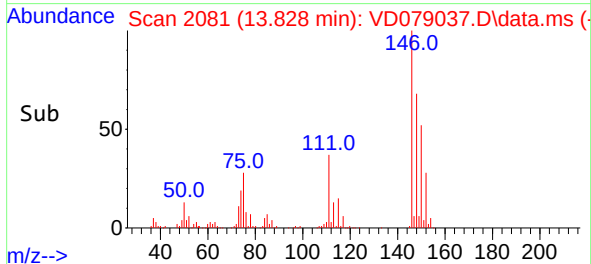


#67
1,2-Dichlorobenzene
Concen: 24.681 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

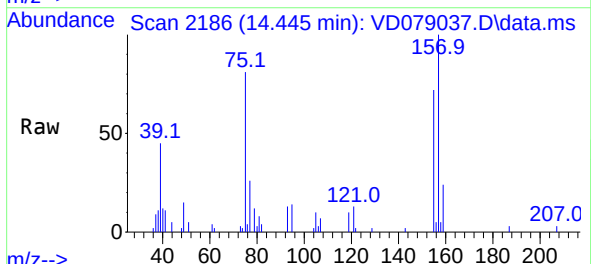
Instrument :
MSVOA_D
ClientSampleId :



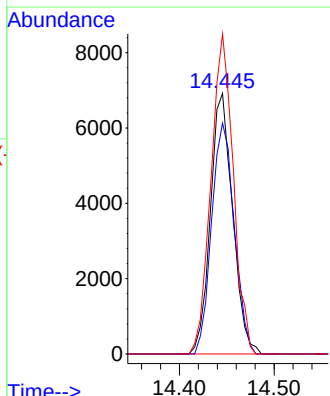
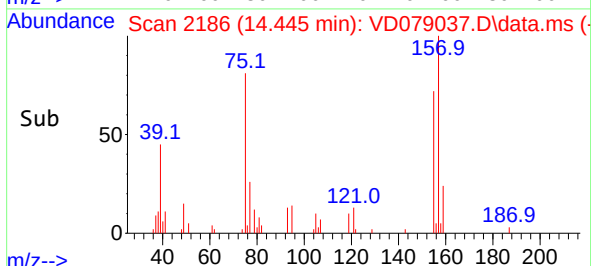
Tgt Ion:146 Resp: 161158
Ion Ratio Lower Upper
146 100
111 37.2 30.9 46.3
148 67.3 51.4 77.0

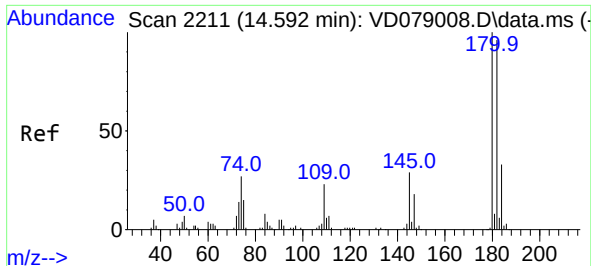


#68
1,2-Dibromo-3-chloropropane
Concen: 24.614 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26



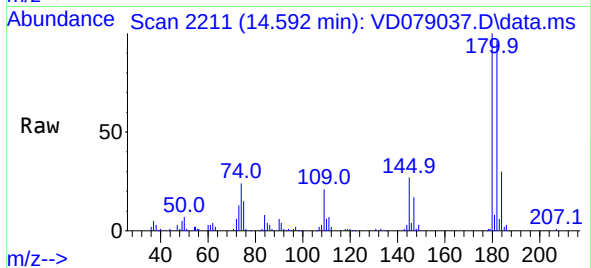
Tgt Ion: 75 Resp: 11293
Ion Ratio Lower Upper
75 100
155 88.5 79.8 119.6
157 122.8 99.9 149.9



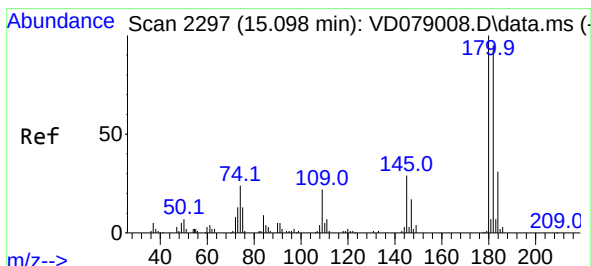
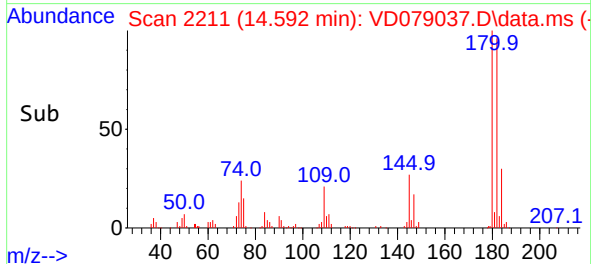
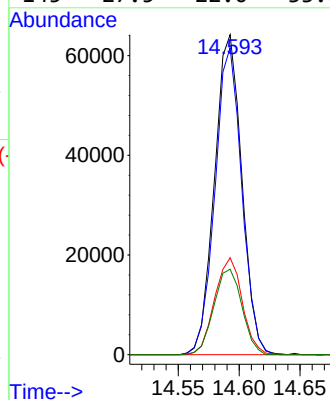


#69
1,3,5-Trichlorobenzene
Concen: 22.325 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :

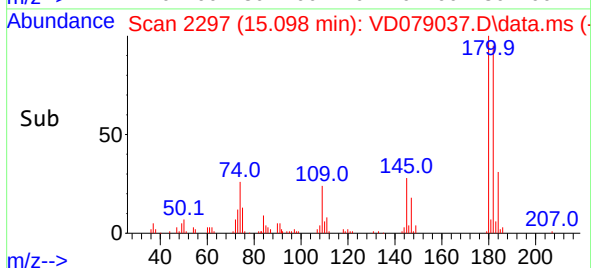
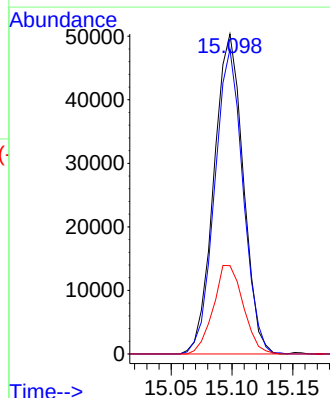
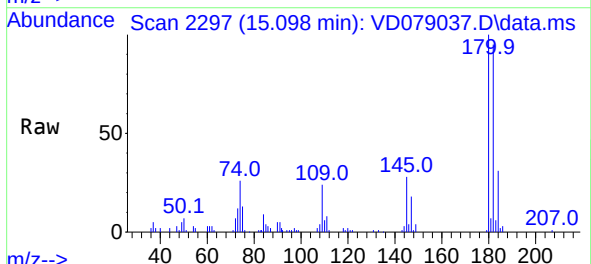


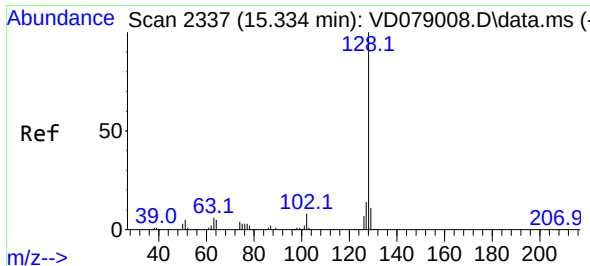
Tgt Ion:180 Resp: 100034
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
184 30.7 24.9 37.3
145 27.5 22.0 33.0



#70
1,2,4-trichlorobenzene
Concen: 22.182 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

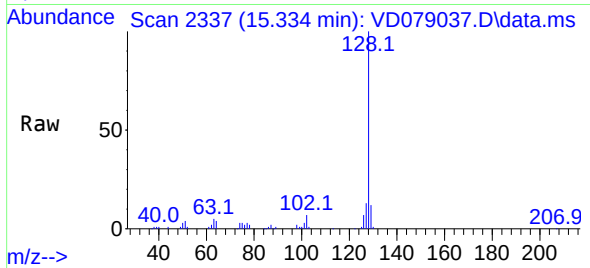
Tgt Ion:180 Resp: 84141
Ion Ratio Lower Upper
180 100
182 92.4 76.4 114.6
145 28.3 22.8 34.2



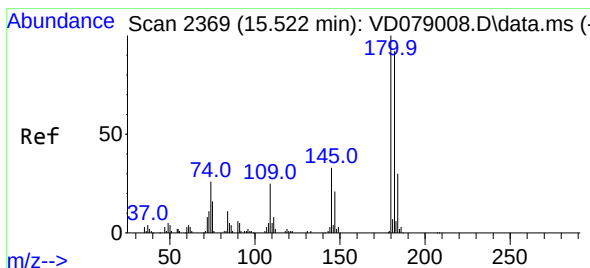
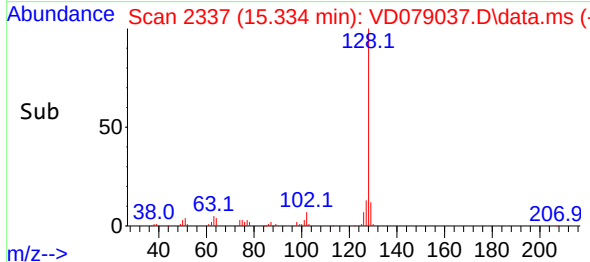
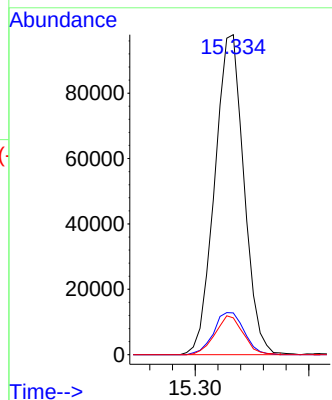


#71
Naphthalene
Concen: 22.570 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 174673
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.310 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079037.D
Acq: 25 May 2024 00:26

Tgt Ion:180 Resp: 82646
Ion Ratio Lower Upper
180 100
182 94.1 77.2 115.8
145 29.8 24.4 36.6

