

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079080.D
 Acq On : 29 May 2024 22:31
 Operator : RP/MD
 Sample : P2640-05MS
 Misc : 5.59G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:16:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	49343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	49040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	16765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	32901	21.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
7) Chloroethane-d5	2.799	69	33874	23.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	3.917	65	3043	11.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.160%
21) 2-Butanone-d5	6.987	46	5279	45.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.900%
24) Chloroform-d	7.569	84	33290	24.129	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.234	65	18024	28.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.280%
32) Benzene-d6	8.199	84	59176	21.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	9.210	67	19412	24.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.263	98	46280	18.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.720%
43) trans-1,3-Dichloroprop...	10.522	79	7493	22.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.875	63	4298	42.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	18901	27.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	13.810	152	9954	17.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16305	20.875	ug/L	99
3) Chloromethane	2.146	50	28849	27.711	ug/L	99
5) Vinyl chloride	2.281	62	42349	24.646	ug/L	94
6) Bromomethane	2.687	94	29561	22.284	ug/L	99
8) Chloroethane	2.834	64	35071	27.847	ug/L	95
9) Trichlorofluoromethane	3.169	101	26219	20.030	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	15022	19.138	ug/L	100
12) 1,1-Dichloroethene	3.934	96	13969	20.442	ug/L	93
13) Acetone	4.022	43	6350	37.766	ug/L	62
14) Carbon disulfide	4.269	76	48531	20.358	ug/L	98
15) Methyl Acetate	4.569	43	4270	18.639	ug/L #	45
16) Methylene chloride	4.799	84	25795	29.339	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	17953	24.310	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	43120	32.922	ug/L #	93
19) 1,1-Dichloroethane	6.111	63	31580	26.560	ug/L #	95
20) cis-1,2-Dichloroethene	7.075	96	21089	27.425	ug/L	91
22) 2-Butanone	7.087	43	9467	53.597	ug/L	90
23) Bromochloromethane	7.422	128	12357	31.696	ug/L #	94
25) Chloroform	7.593	83	40175	29.761	ug/L	87

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 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

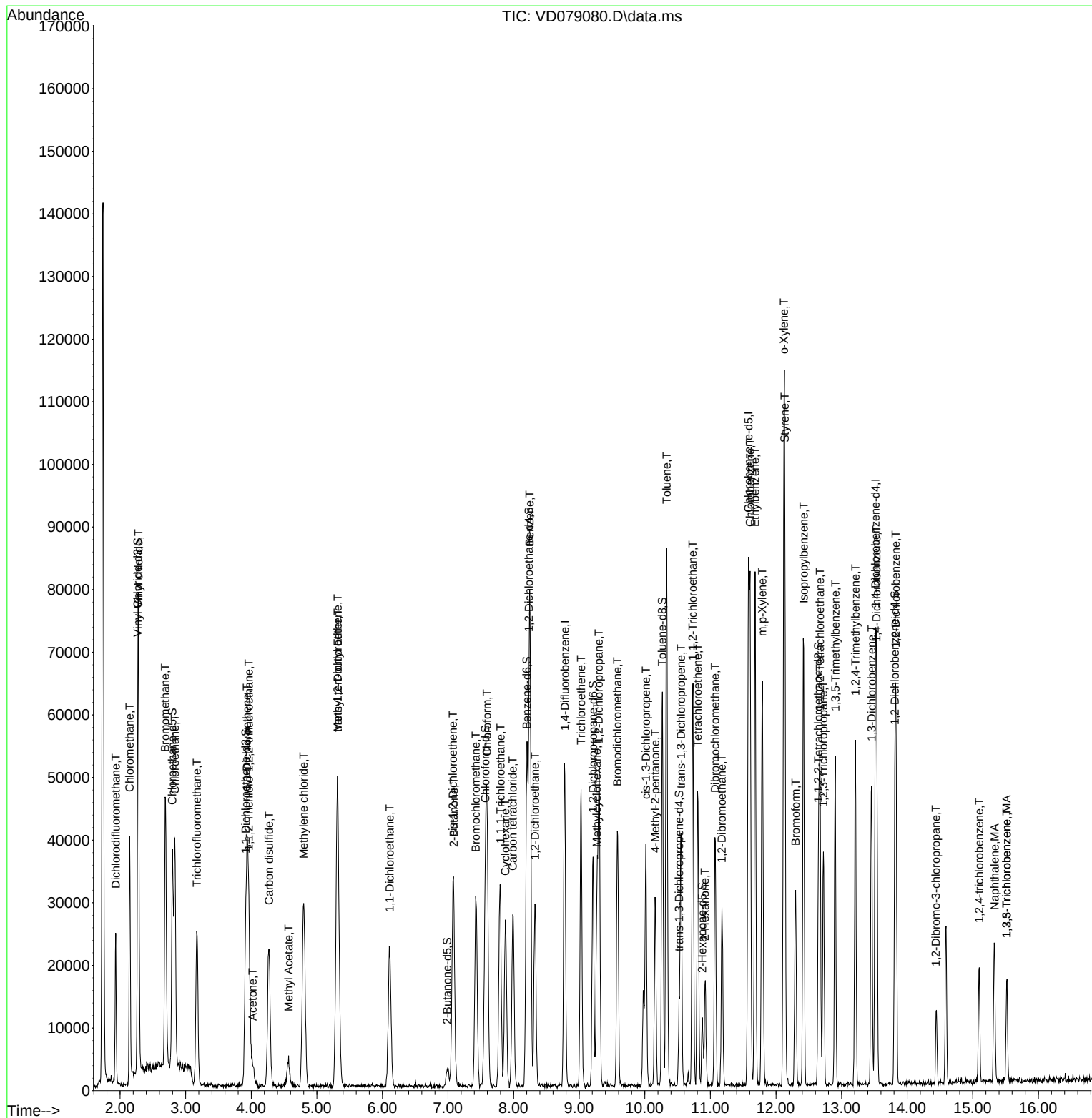
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	26949	34.390	ug/L	98
29) Cyclohexane	7.875	56	11456	12.947	ug/L	95
30) 1,1,1-Trichloroethane	7.799	97	26771	23.058	ug/L	96
31) Carbon tetrachloride	7.987	117	22373	20.736	ug/L	97
33) Benzene	8.246	78	73745	25.248	ug/L	100
34) Trichloroethene	9.028	95	16440	21.853	ug/L	95
35) Methylcyclohexane	9.269	83	12288	9.858	ug/L #	79
37) 1,2-Dichloropropane	9.299	63	19812	27.692	ug/L	98
38) Bromodichloromethane	9.581	83	29645	29.807	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	23356	20.913	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	18147	60.763	ug/L	98
42) Toluene	10.334	91	71441	22.027	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	24849	26.312	ug/L	93
45) 1,1,2-Trichloroethane	10.728	97	21064	33.560	ug/L	97
46) Tetrachloroethene	10.804	164	11662	17.606	ug/L	97
48) 2-Hexanone	10.916	43	10404	40.258	ug/L	93
49) Dibromochloromethane	11.069	129	22372	30.100	ug/L	96
50) 1,2-Dibromoethane	11.175	107	19976	34.631	ug/L	97
51) Chlorobenzene	11.604	112	42512	19.700	ug/L	96
52) Ethylbenzene	11.681	91	56768	16.780	ug/L	98
53) m,p-Xylene	11.793	106	22180	16.710	ug/L	100
54) o-Xylene	12.122	106	21914	17.088	ug/L	91
55) Styrene	12.134	104	38719	17.028	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.669	83	24060	34.245	ug/L	89
59) Bromoform	12.298	173	14716	47.893	ug/L #	97
60) Isopropylbenzene	12.422	105	46328	20.899	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	15670	52.941	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	27780	18.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	30402	18.754	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	22443	21.074	ug/L	92
65) 1,4-Dichlorobenzene	13.534	146	24086	21.346	ug/L	85
67) 1,2-Dichlorobenzene	13.828	146	21590	21.931	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.439	75	2968	48.779	ug/L	87
69) 1,3,5-Trichlorobenzene	15.516	180	6283	9.355	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	6518	11.685	ug/L	92
71) Naphthalene	15.334	128	21046	20.174	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	6283	13.032	ug/L	97

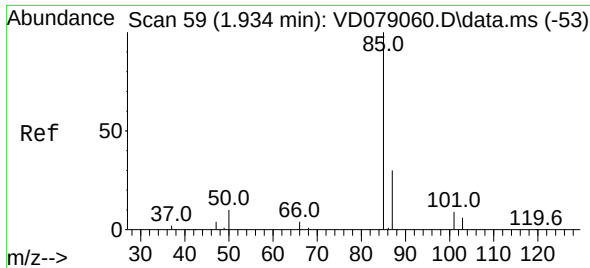
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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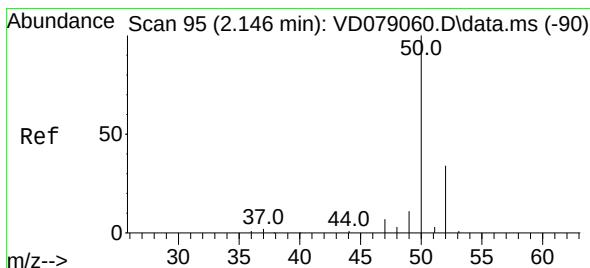
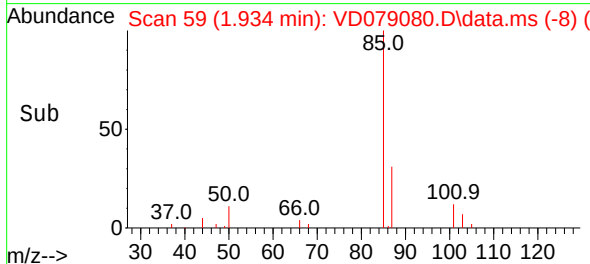
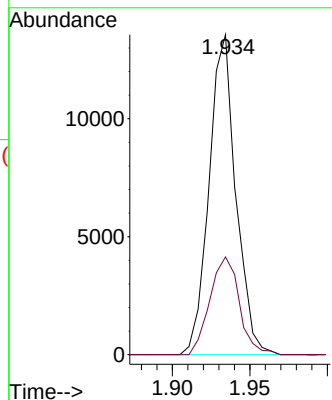
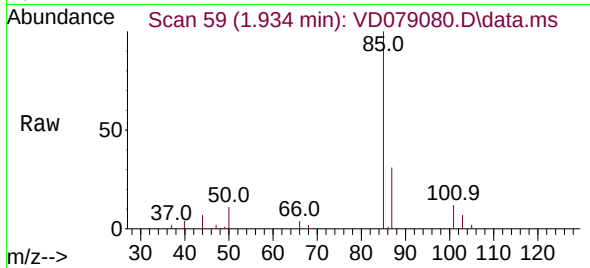




#2
 Dichlorodifluoromethane
 Concen: 20.875 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

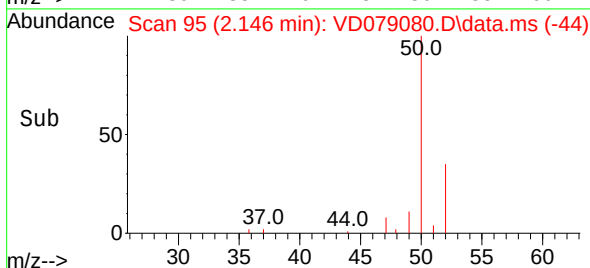
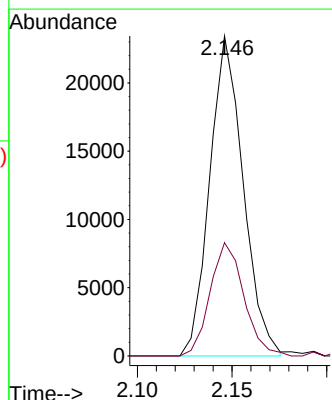
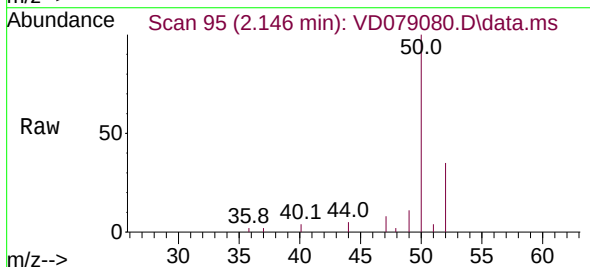
Instrument :
 MSVOA_D
 ClientSampleId :

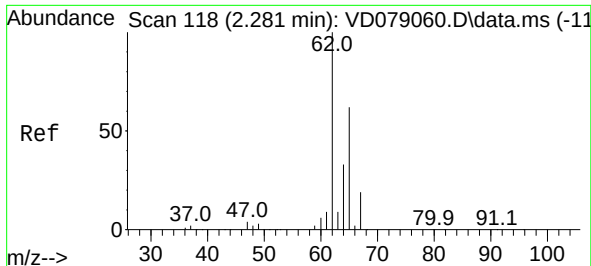
Tgt Ion: 85 Resp: 16305
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.2 39.4



#3
 Chloromethane
 Concen: 27.711 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

Tgt Ion: 50 Resp: 28849
 Ion Ratio Lower Upper
 50 100
 52 35.4 24.4 45.2

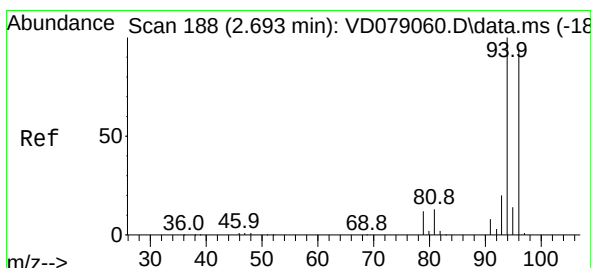
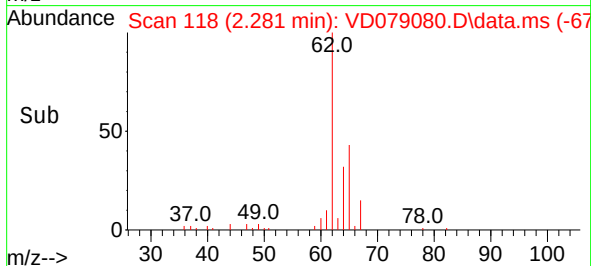
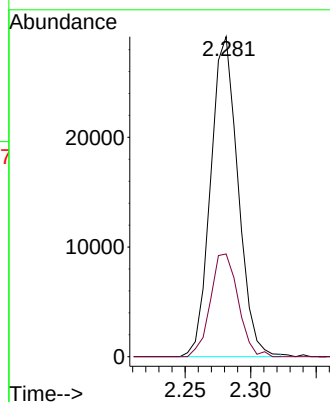
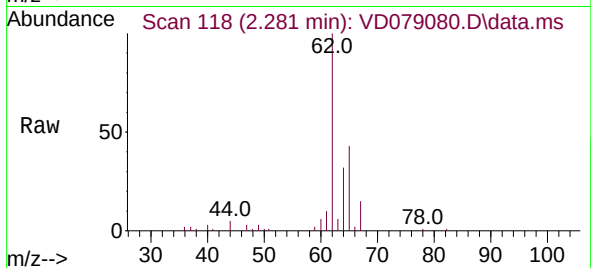




#5
 Vinyl chloride
 Concen: 24.646 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

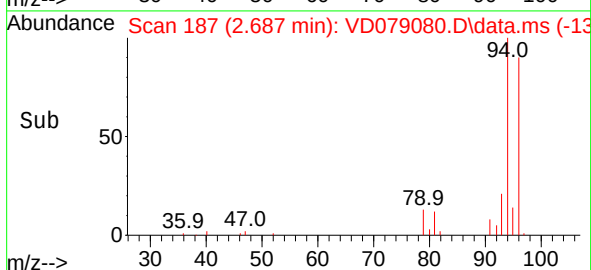
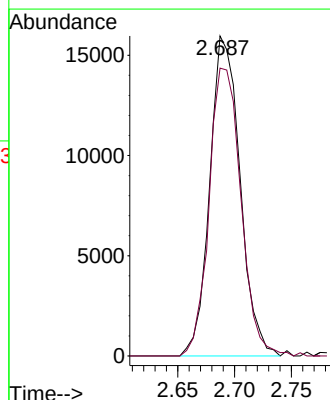
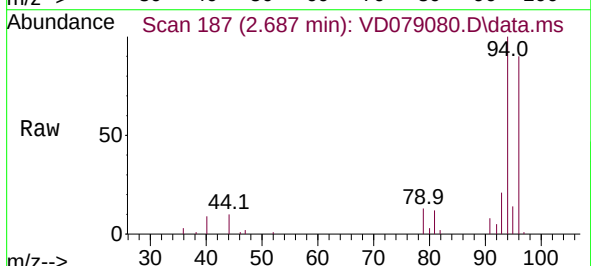
Instrument :
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 ClientSampleId :

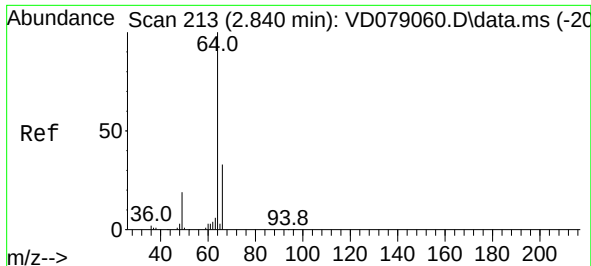
Tgt Ion: 62 Resp: 42349
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.8 46.1



#6
 Bromomethane
 Concen: 22.284 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

Tgt Ion: 94 Resp: 29561
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.6 118.2

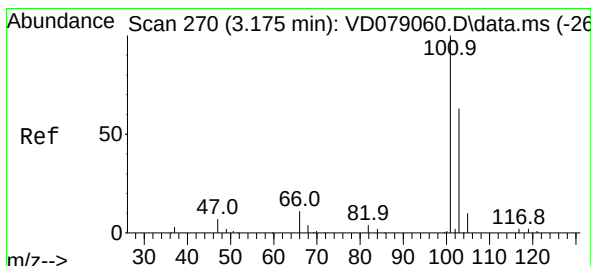
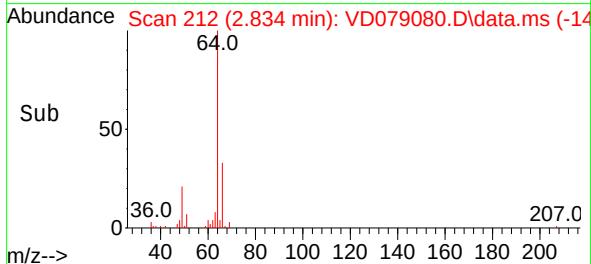
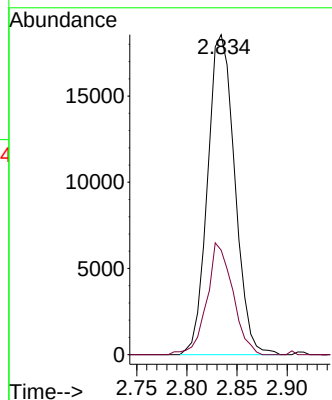
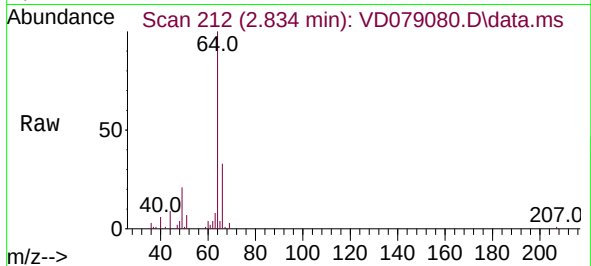




#8
Chloroethane
Concen: 27.847 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

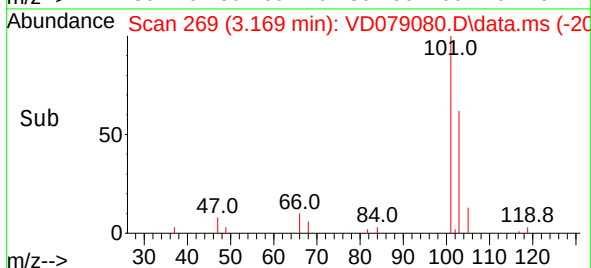
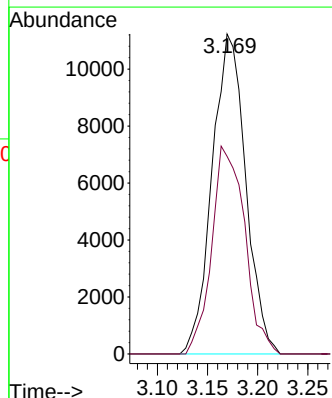
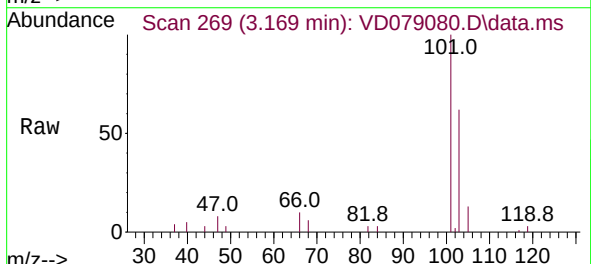
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MSVOA_D
ClientSampleId :

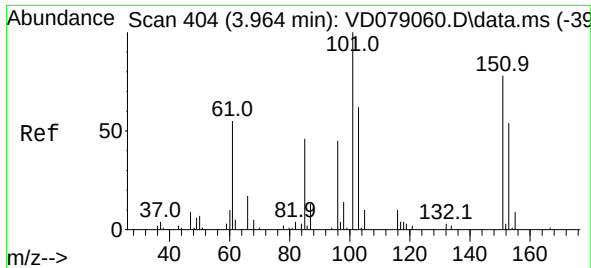
Tgt Ion: 64 Resp: 35071
Ion Ratio Lower Upper
64 100
66 32.7 24.8 46.1



#9
Trichlorofluoromethane
Concen: 20.030 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion:101 Resp: 26219
Ion Ratio Lower Upper
101 100
103 63.6 52.6 79.0

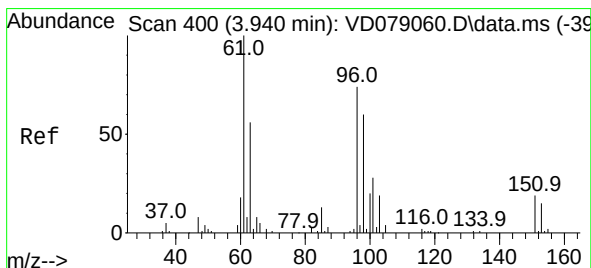
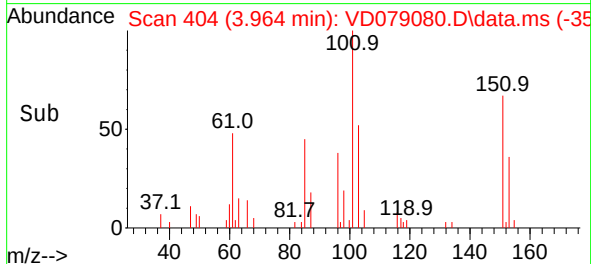
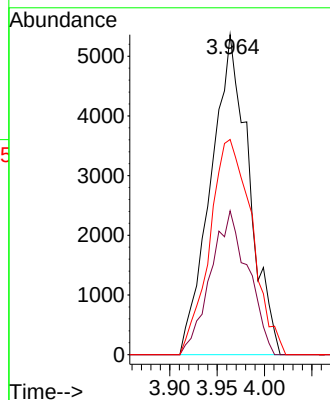
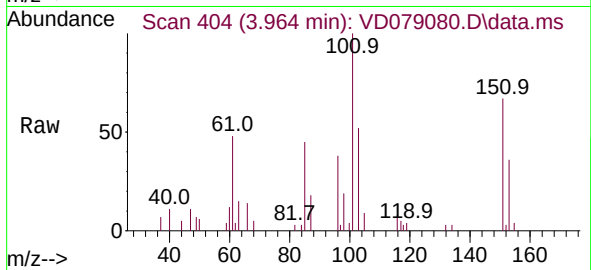




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.138 ug/L
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079080.D
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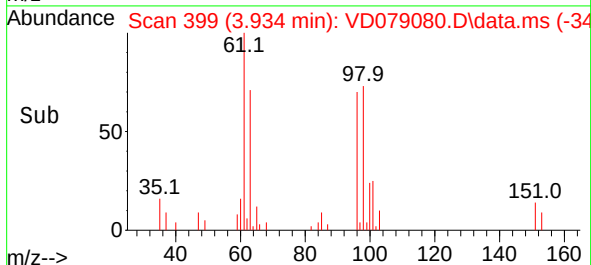
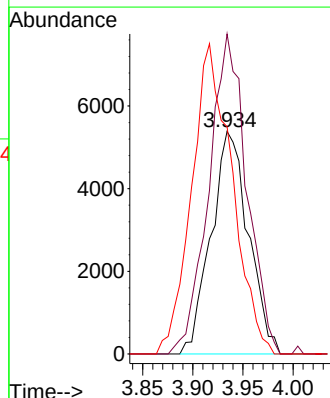
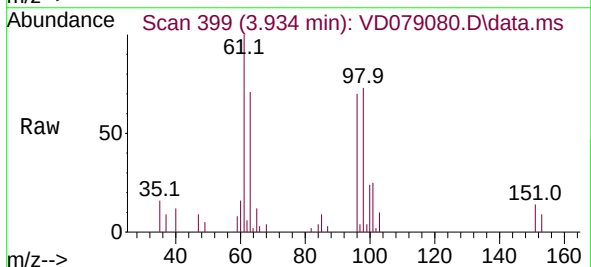
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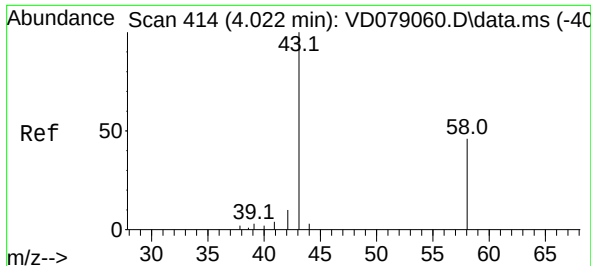
Tgt Ion:101	Resp:	15022
Ion	Ratio	Lower Upper
101	100	
85	44.2	35.4 53.0
151	74.3	59.1 88.7



#12
1,1-Dichloroethene
Concen: 20.442 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion: 96	Resp:	13969
Ion	Ratio	Lower Upper
96	100	
61	143.8	93.9 174.3
63	102.1	67.7 125.7





#13

Acetone

Concen: 37.766 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

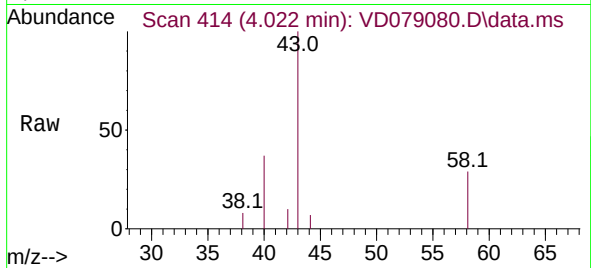
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Instrument :

MSVOA_D

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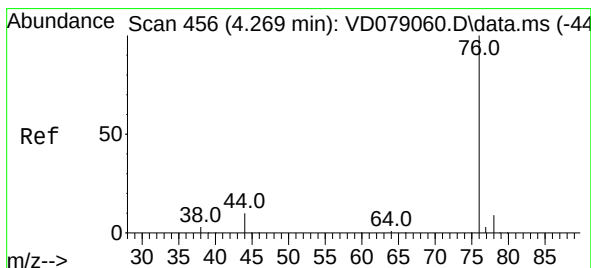
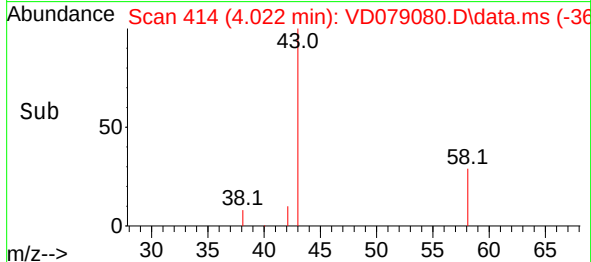
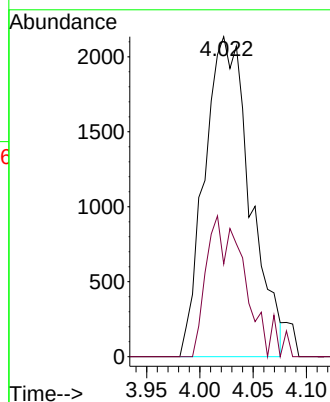


Tgt Ion: 43 Resp: 6350

Ion Ratio Lower Upper

43 100

58 15.9 0.0 78.2



#14

Carbon disulfide

Concen: 20.358 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079080.D

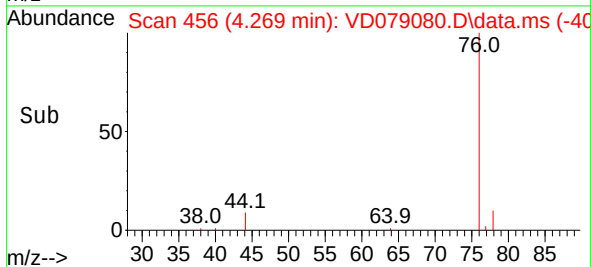
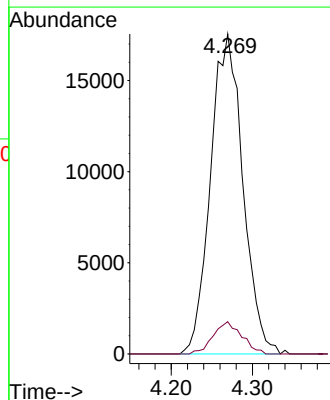
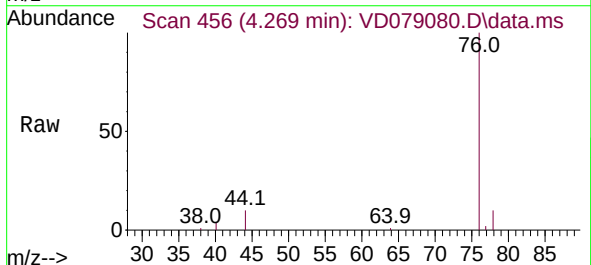
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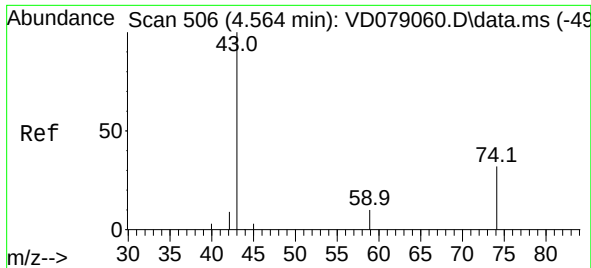
Tgt Ion: 76 Resp: 48531

Ion Ratio Lower Upper

76 100

78 10.1 7.5 11.3

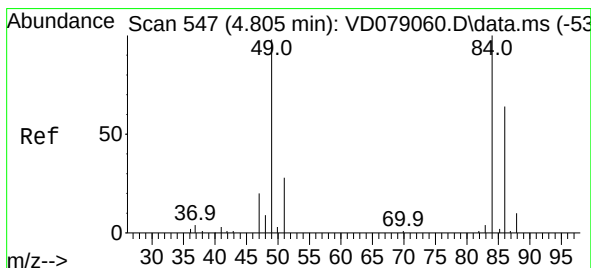
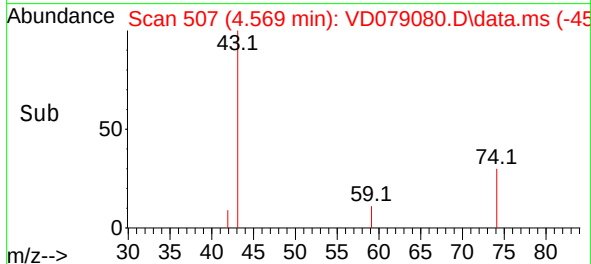
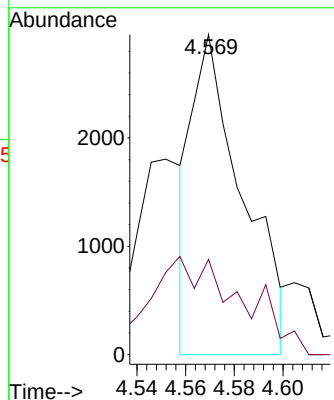
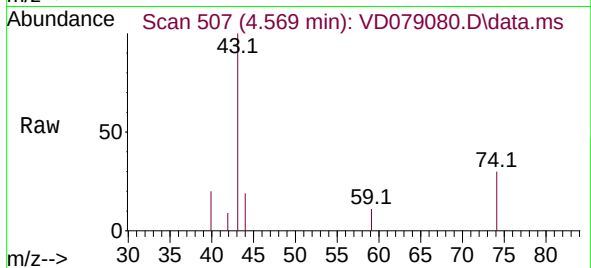




#15
Methyl Acetate
Concen: 18.639 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

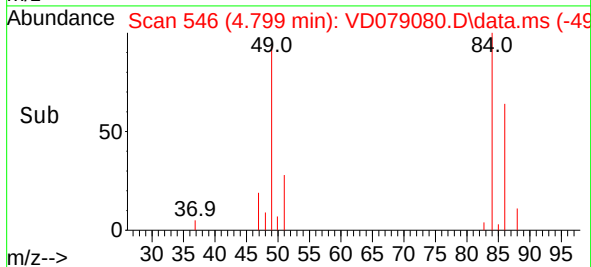
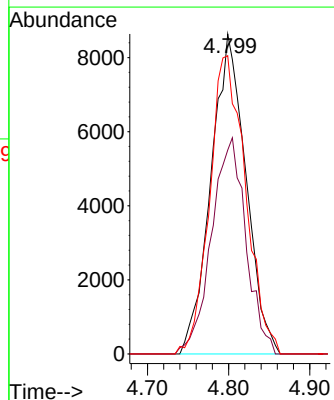
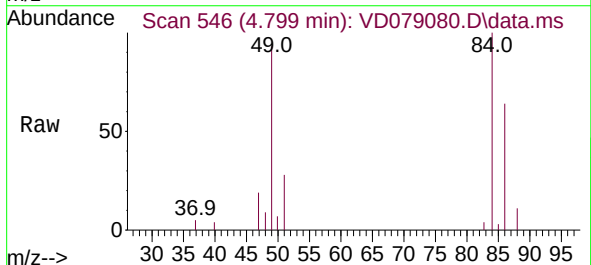
Instrument :
MSVOA_D
ClientSampleId :

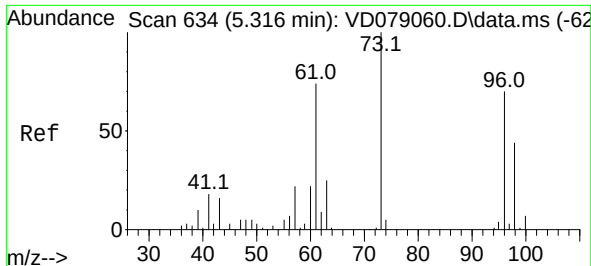
Tgt Ion: 43 Resp: 4270
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#



#16
Methylene chloride
Concen: 29.339 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion: 84 Resp: 25795
Ion Ratio Lower Upper
84 100
86 63.7 40.9 76.0
49 93.2 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 24.310 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :

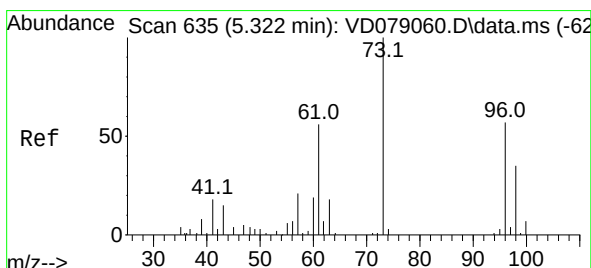
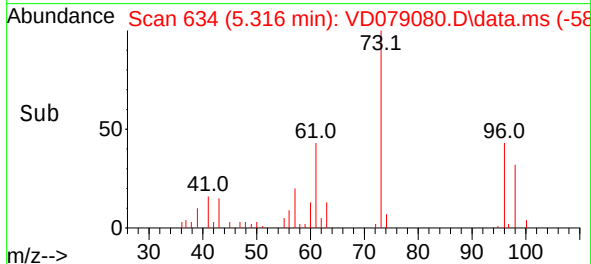
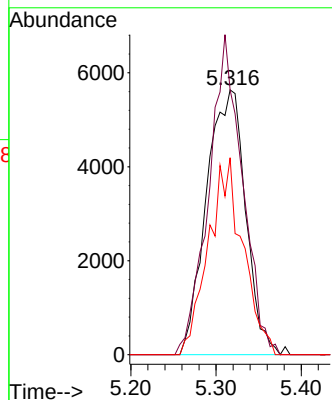
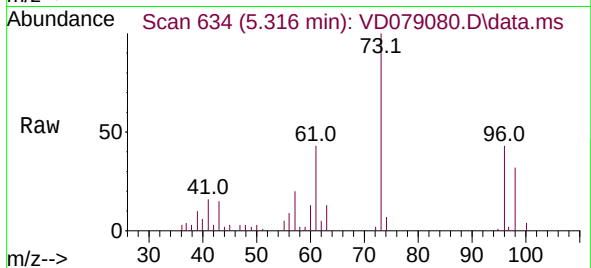
Tgt Ion: 96 Resp: 17953

Ion Ratio Lower Upper

96 100

61 100.0 71.9 133.5

98 74.4 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 32.922 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

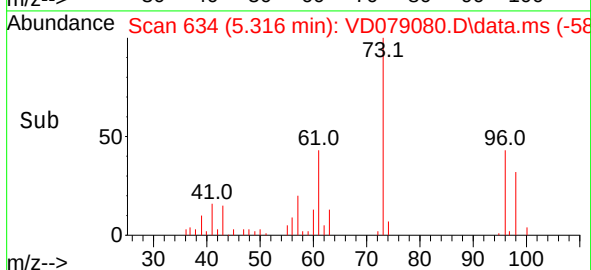
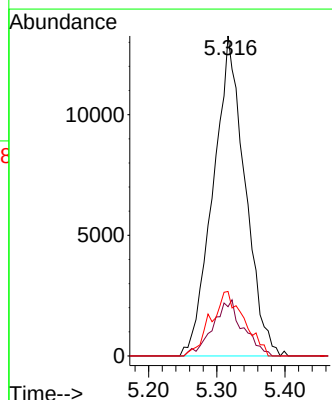
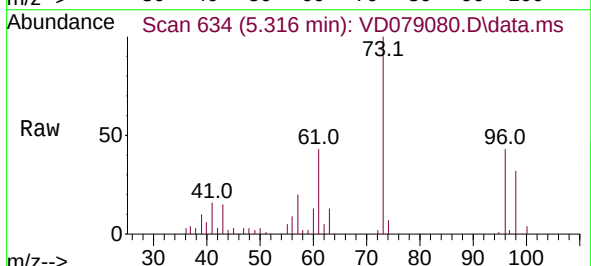
Tgt Ion: 73 Resp: 43120

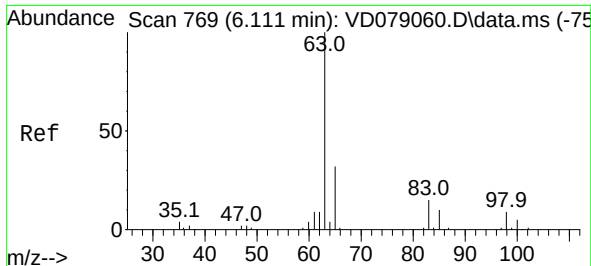
Ion Ratio Lower Upper

73 100

43 16.1 12.0 18.0

57 16.6 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 26.560 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

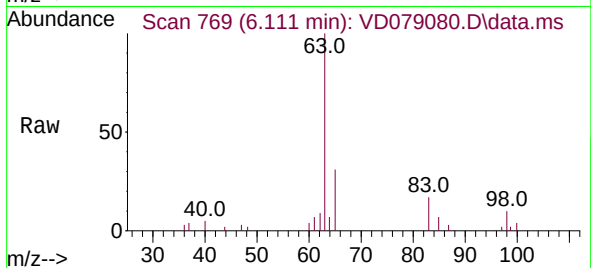
Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :



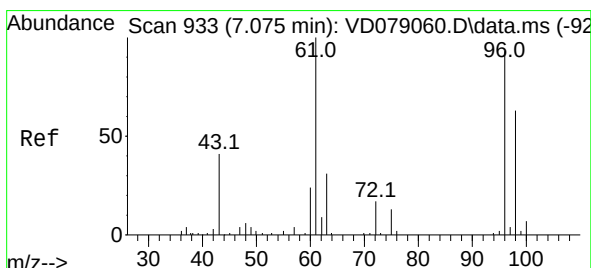
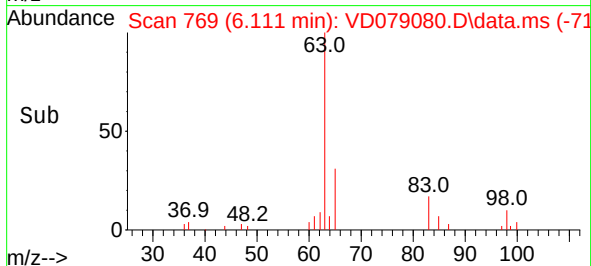
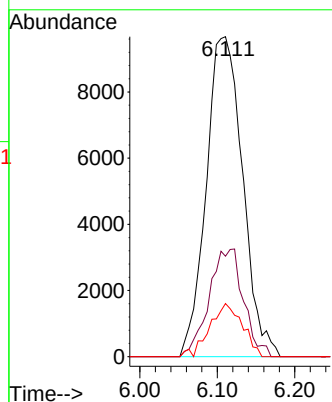
Tgt Ion: 63 Resp: 31580

Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 16.6 8.6 16.0#



#20

cis-1,2-Dichloroethene

Concen: 27.425 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

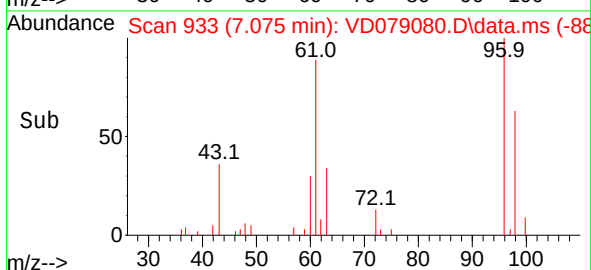
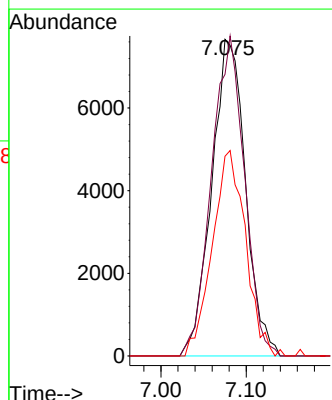
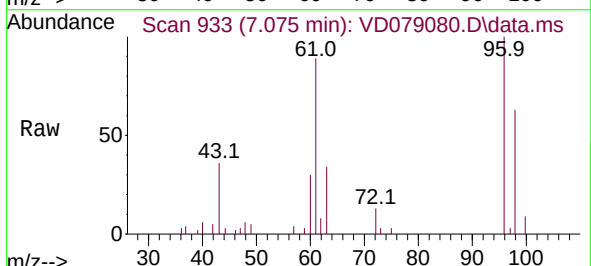
Tgt Ion: 96 Resp: 21089

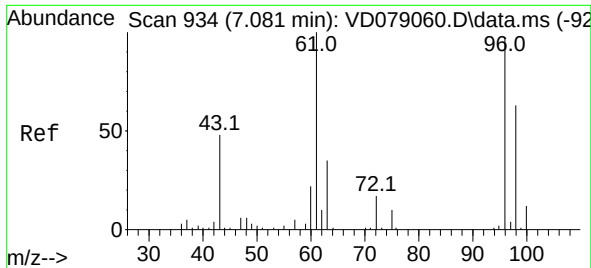
Ion Ratio Lower Upper

96 100

61 89.0 72.6 134.8

98 63.1 43.8 81.3





#22

2-Butanone

Concen: 53.597 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

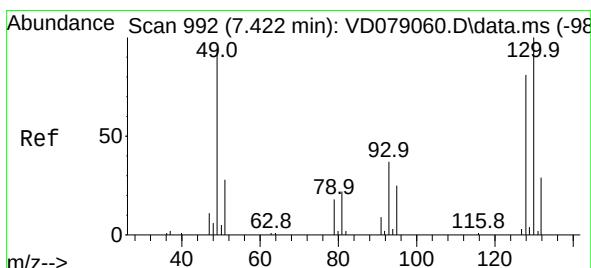
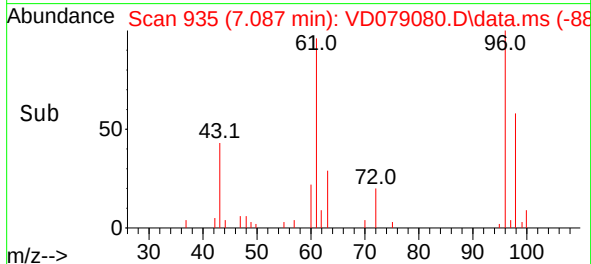
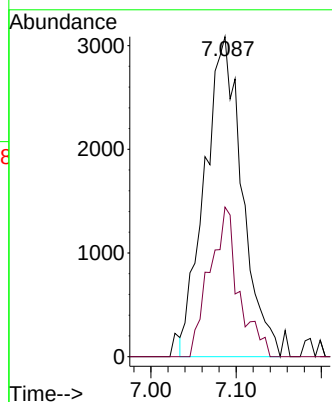
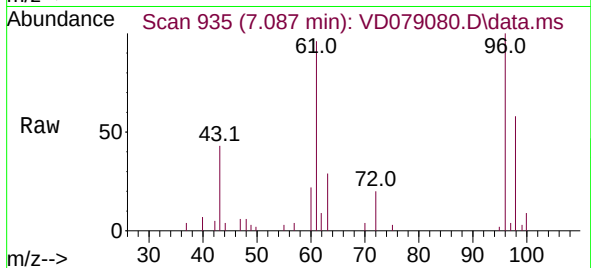
ClientSampleId :

Tgt Ion: 43 Resp: 9467

Ion Ratio Lower Upper

43 100

72 32.2 19.3 57.8



#23

Bromochloromethane

Concen: 31.696 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Tgt Ion:128 Resp: 12357

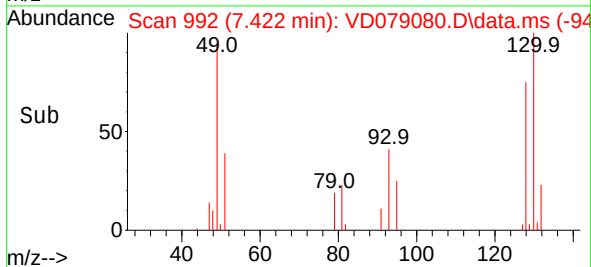
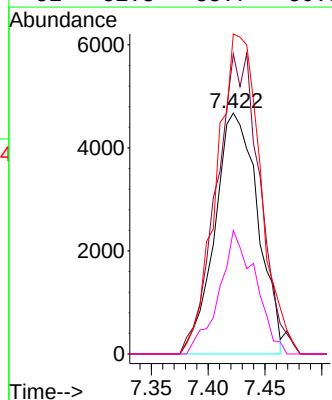
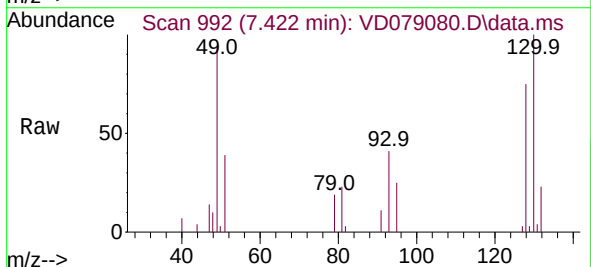
Ion Ratio Lower Upper

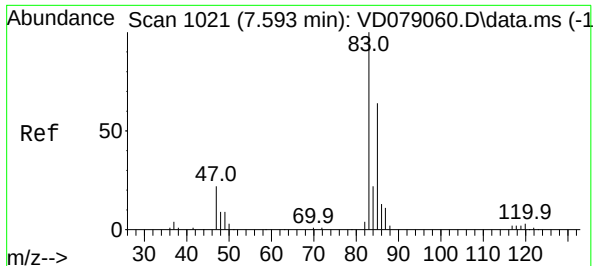
128 100

49 124.4 81.8 151.8

130 132.8 90.4 167.8

51 51.3 33.7 50.5#

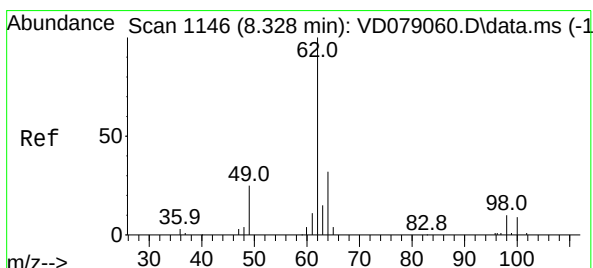
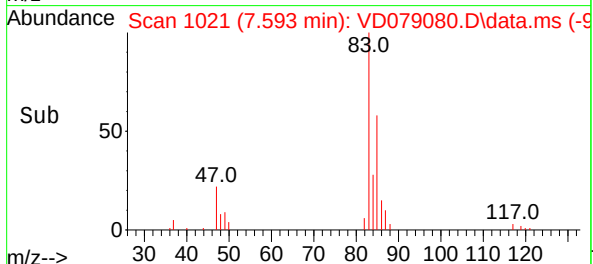
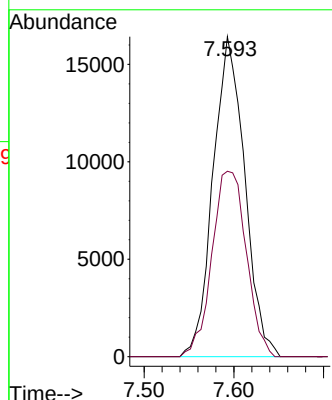
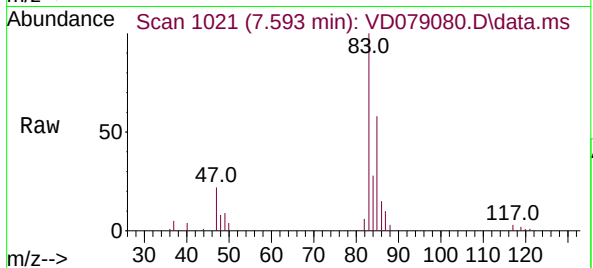




#25
Chloroform
Concen: 29.761 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

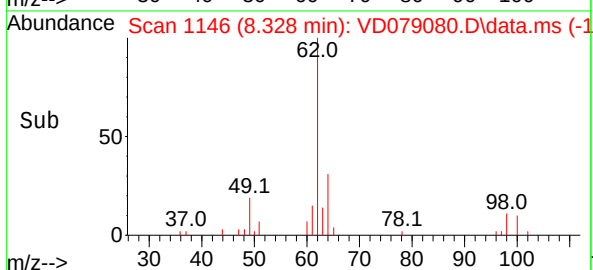
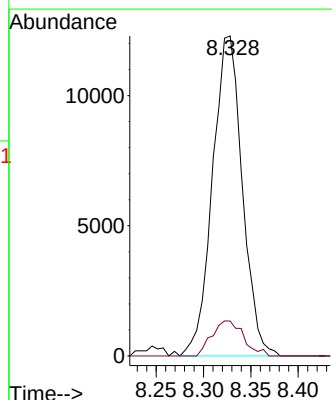
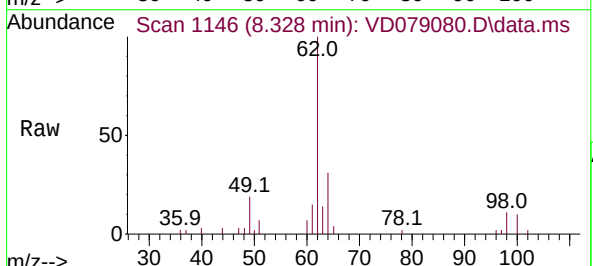
Instrument :
MSVOA_D
ClientSampleId :

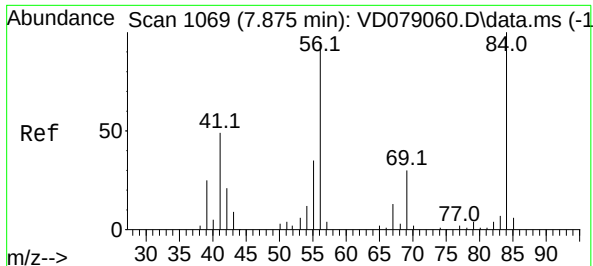
Tgt Ion: 83 Resp: 40175
Ion Ratio Lower Upper
83 100
85 57.9 47.9 89.1



#27
1,2-Dichloroethane
Concen: 34.390 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion: 62 Resp: 26949
Ion Ratio Lower Upper
62 100
98 10.9 8.2 12.4





#29

Cyclohexane

Concen: 12.947 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :

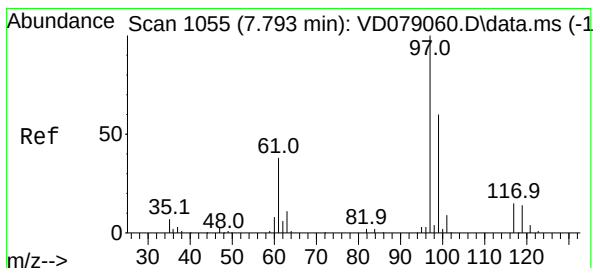
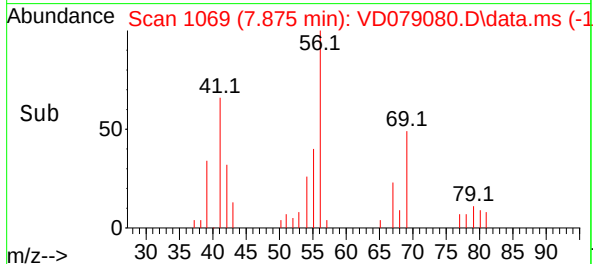
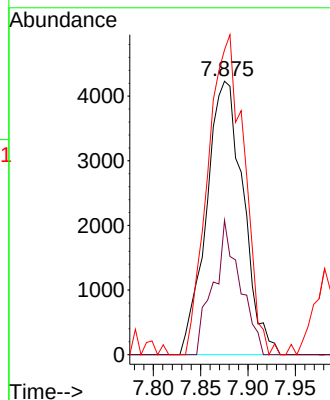
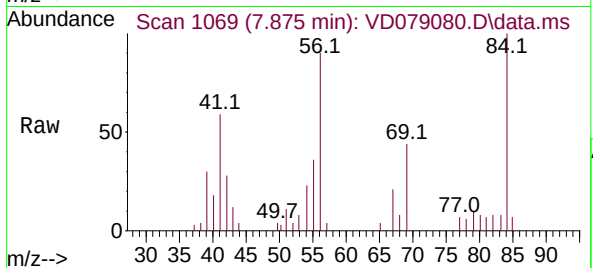
Tgt Ion: 56 Resp: 11456

Ion Ratio Lower Upper

56 100

69 35.6 26.6 40.0

84 114.3 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 23.058 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

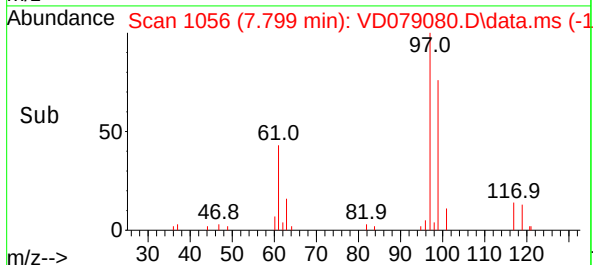
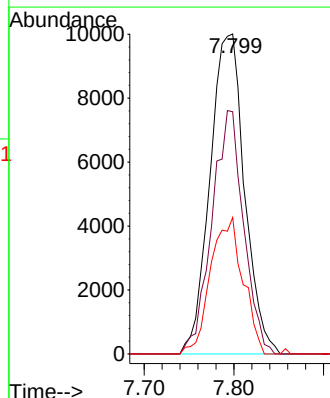
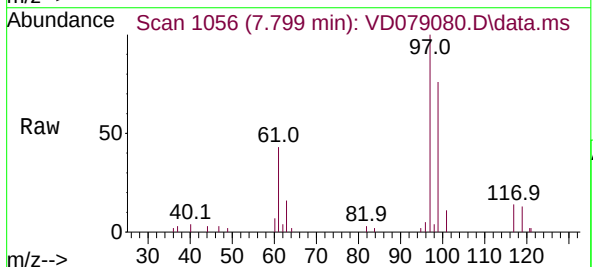
Tgt Ion: 97 Resp: 26771

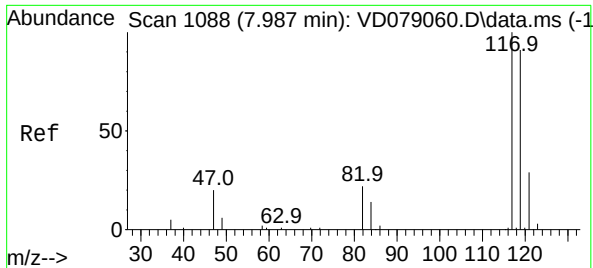
Ion Ratio Lower Upper

97 100

99 69.9 52.3 78.5

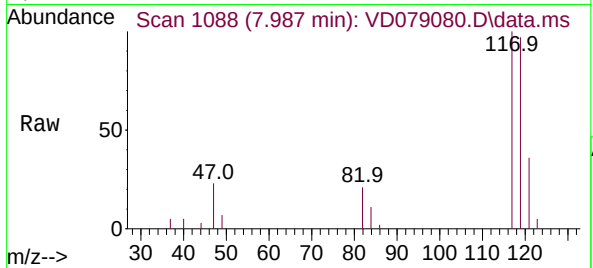
61 40.0 31.7 47.5



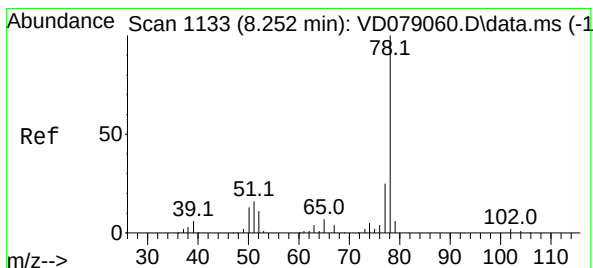
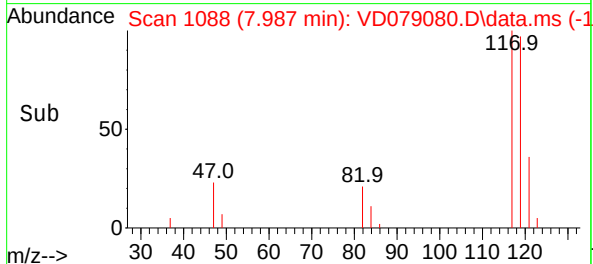
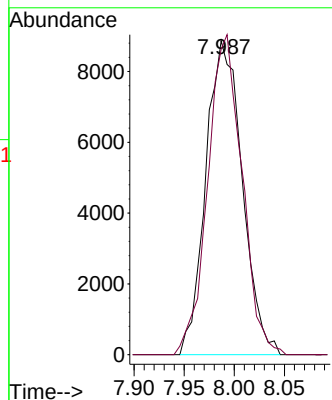


#31
Carbon tetrachloride
Concen: 20.736 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Instrument :
MSVOA_D
ClientSampleId :

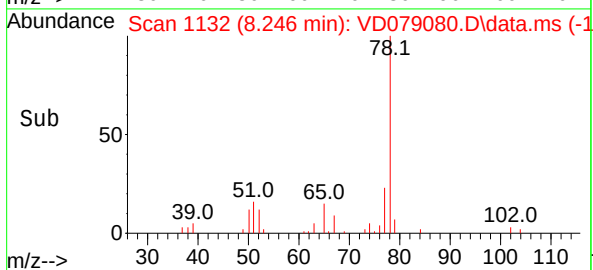
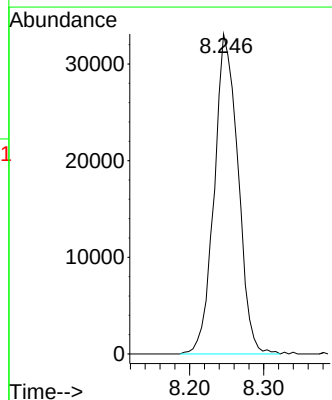
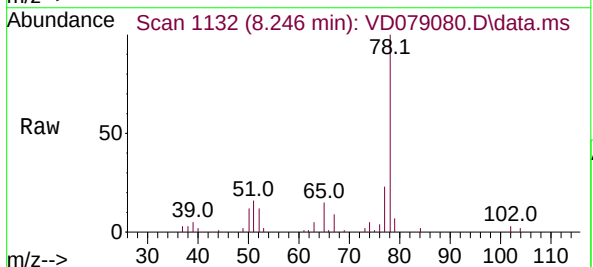


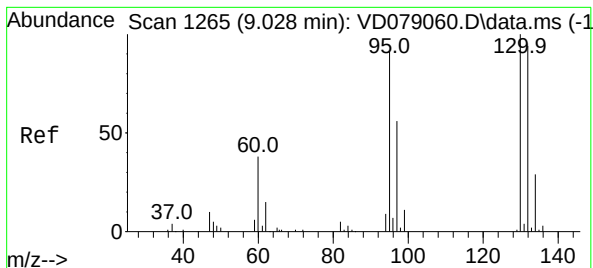
Tgt Ion:117 Resp: 22373
Ion Ratio Lower Upper
117 100
119 96.0 79.6 119.4



#33
Benzene
Concen: 25.248 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion: 78 Resp: 73745





#34

Trichloroethene

Concen: 21.853 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 16440

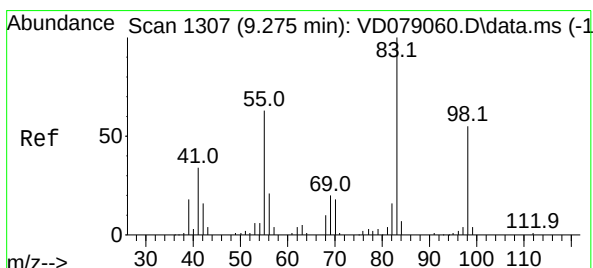
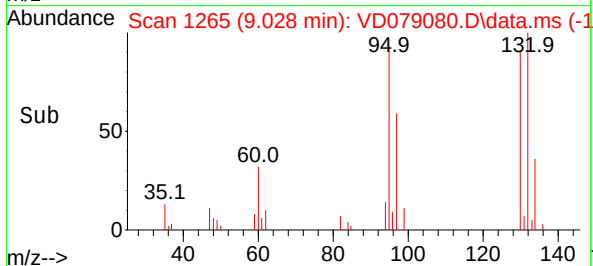
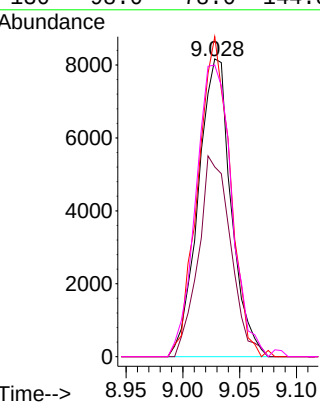
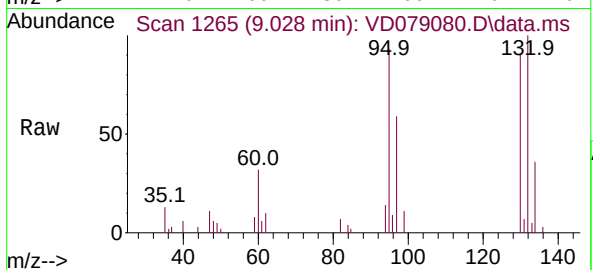
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 107.5 74.9 139.1

130 98.0 78.0 144.8



#35

Methylcyclohexane

Concen: 9.858 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

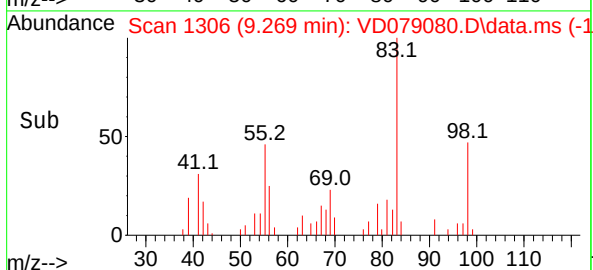
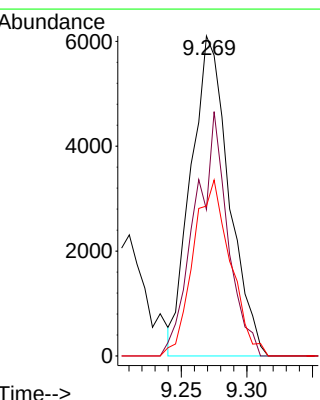
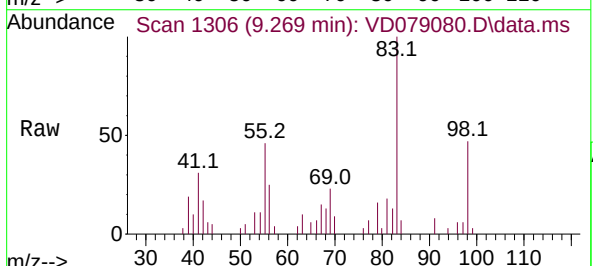
Tgt Ion: 83 Resp: 12288

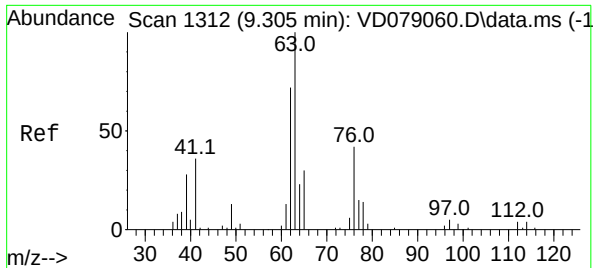
Ion Ratio Lower Upper

83 100

55 34.8 48.6 72.8#

98 53.9 40.2 60.2





#37

1,2-Dichloropropane

Concen: 27.692 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

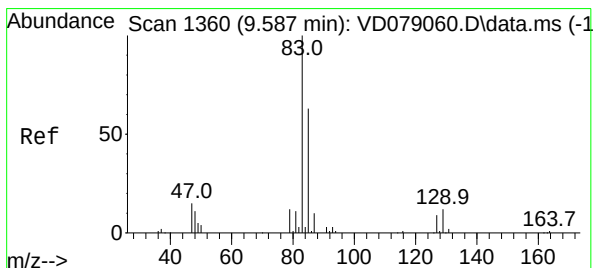
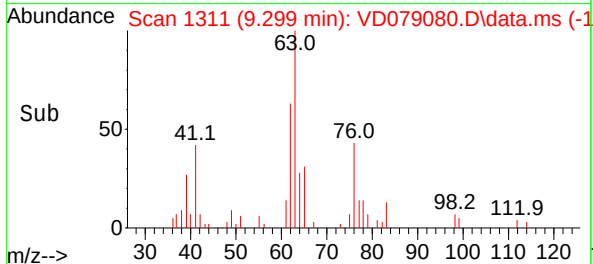
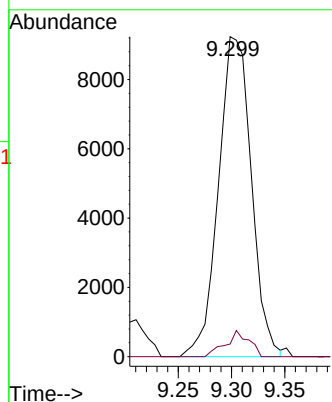
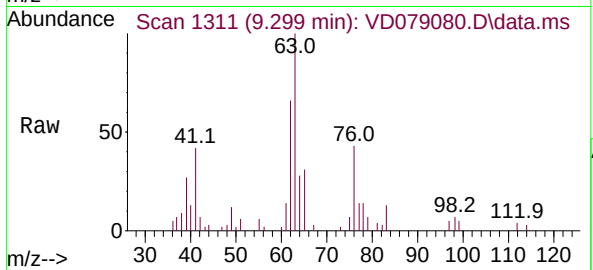
ClientSampleId :

Tgt Ion: 63 Resp: 19812

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 29.807 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

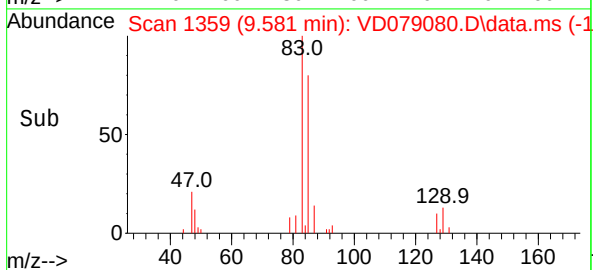
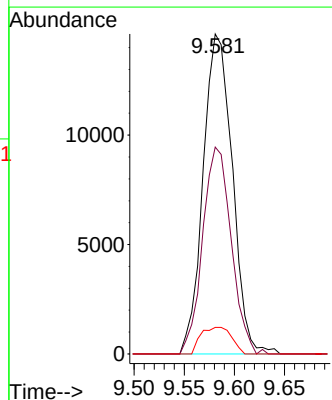
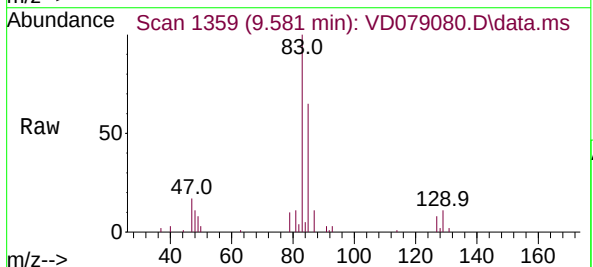
Tgt Ion: 83 Resp: 29645

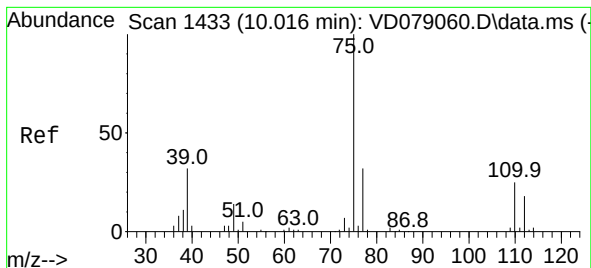
Ion Ratio Lower Upper

83 100

85 64.6 46.5 86.5

127 8.3 7.0 10.6

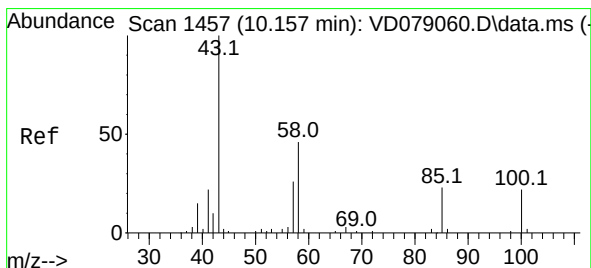
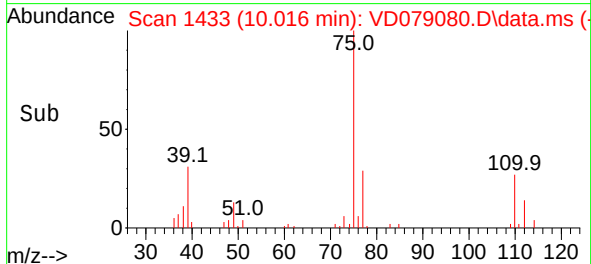
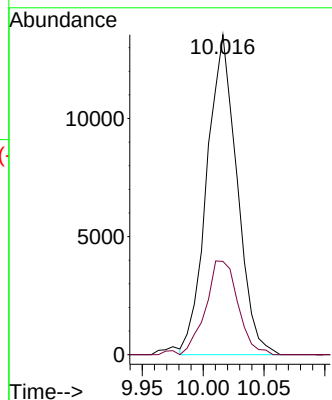
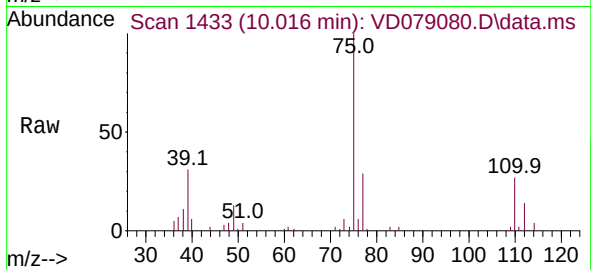




#39
 cis-1,3-Dichloropropene
 Concen: 20.913 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

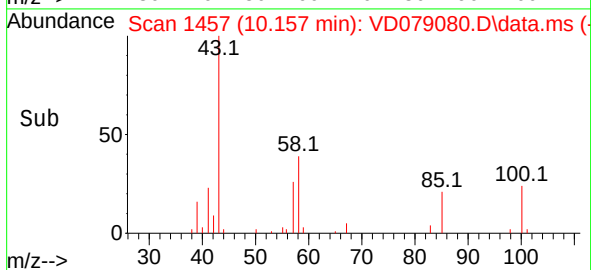
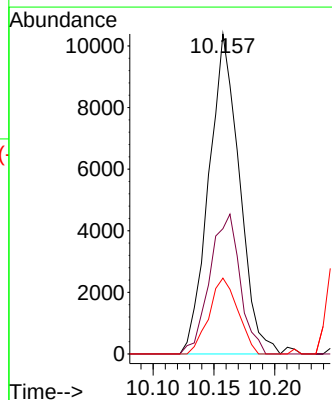
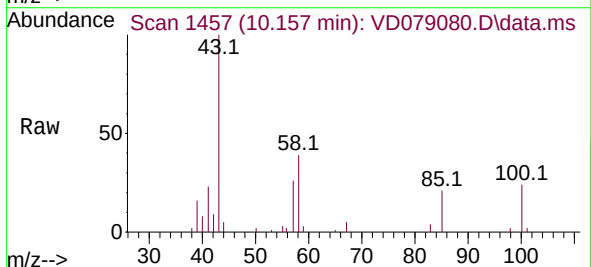
Instrument :
 MSVOA_D
 ClientSampleId :

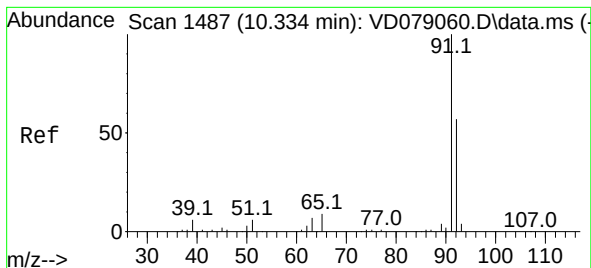
Tgt Ion: 75 Resp: 23356
 Ion Ratio Lower Upper
 75 100
 77 29.2 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 60.763 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079080.D
 Acq: 29 May 2024 22:31

Tgt Ion: 43 Resp: 18147
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.0 51.0
 100 22.2 16.9 25.3





#42

Toluene

Concen: 22.027 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

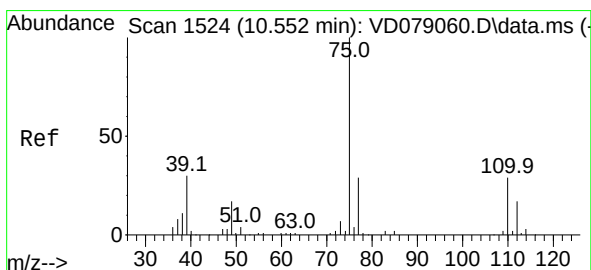
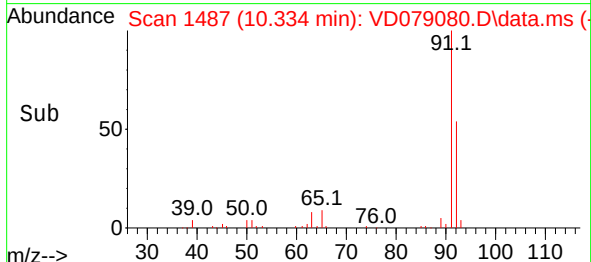
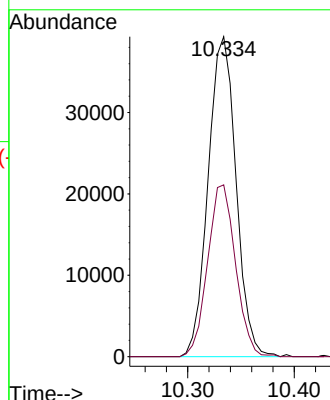
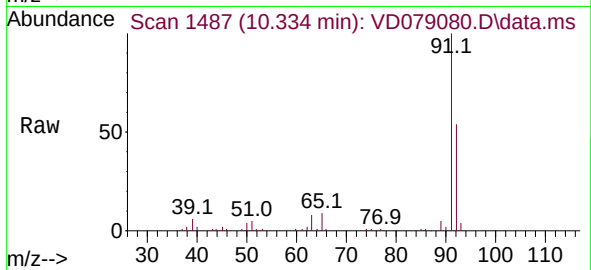
ClientSampleId :

Tgt Ion: 91 Resp: 71441

Ion Ratio Lower Upper

91 100

92 53.7 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 26.312 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079080.D

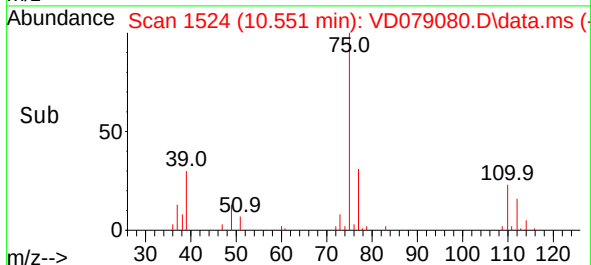
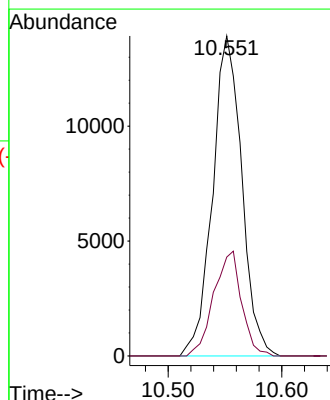
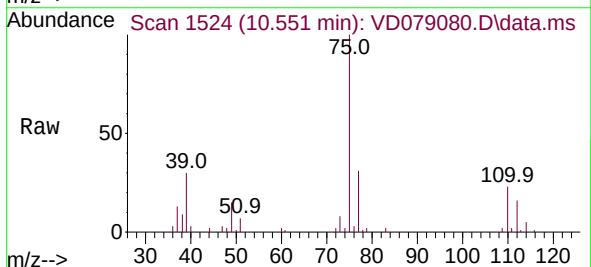
Acq: 29 May 2024 22:31

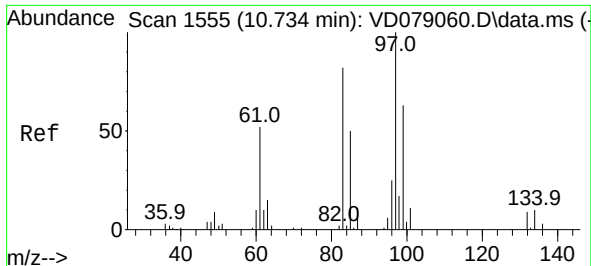
Tgt Ion: 75 Resp: 24849

Ion Ratio Lower Upper

75 100

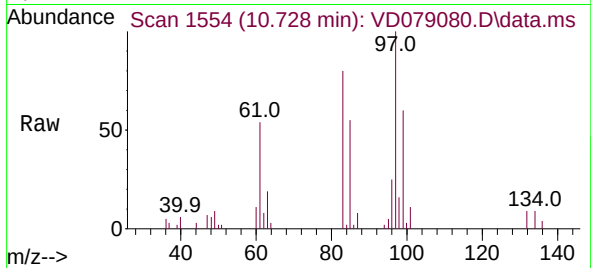
77 30.9 24.3 45.1



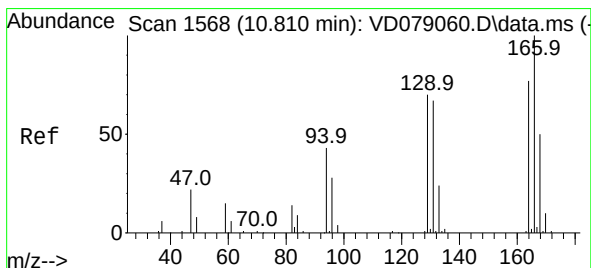
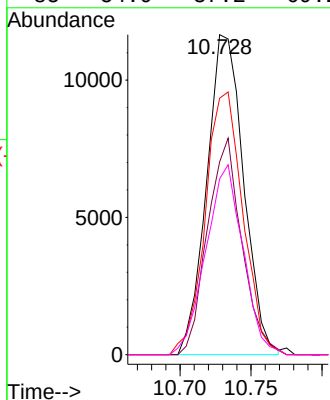
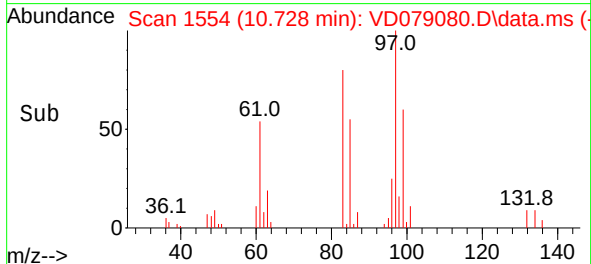


#45
1,1,2-Trichloroethane
Concen: 33.560 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

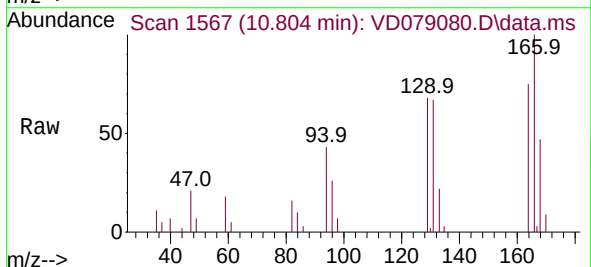
Instrument :
MSVOA_D
ClientSampleId :



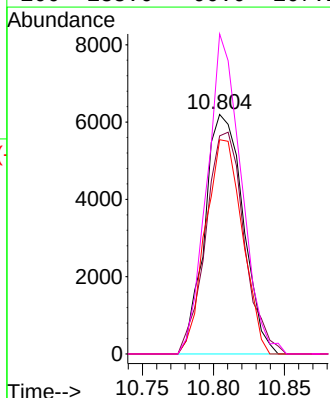
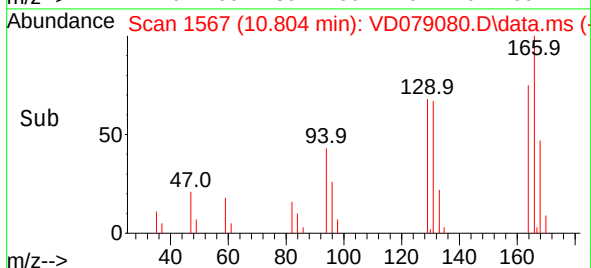
Tgt Ion:	97	Resp:	21064
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.0	79.8
83	80.1	58.9	109.5
85	54.9	37.2	69.2

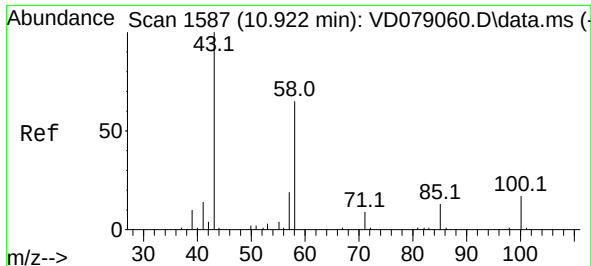


#46
Tetrachloroethene
Concen: 17.606 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31



Tgt Ion:	164	Resp:	11662
Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.3	119.5
131	89.4	61.2	113.8
166	133.6	90.0	167.2





#48

2-Hexanone

Concen: 40.258 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

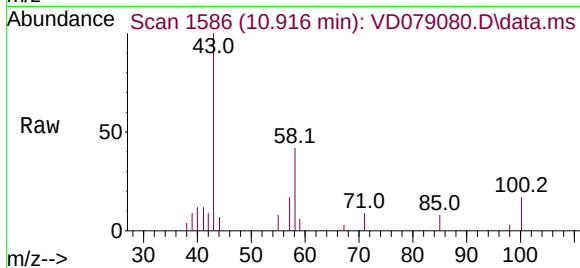
Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 10404

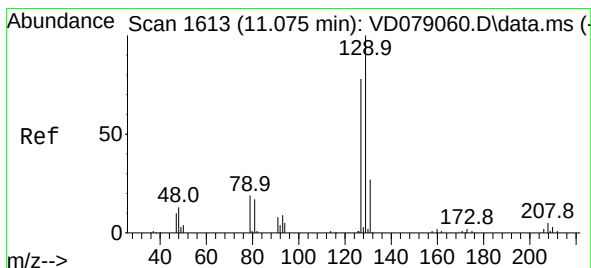
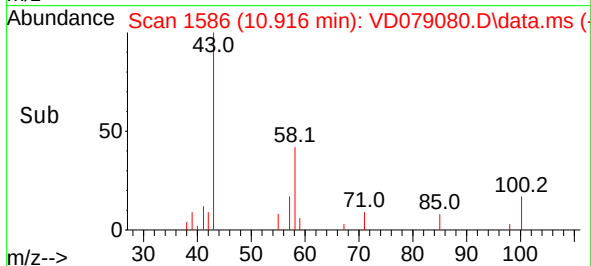
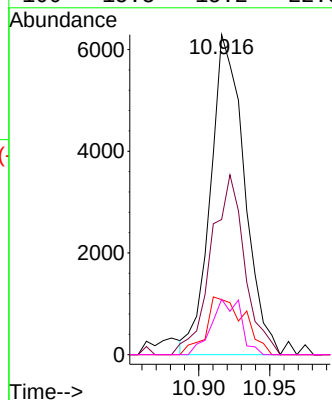
Ion Ratio Lower Upper

43 100

58 56.2 50.1 75.1

57 18.9 16.5 24.7

100 15.3 15.2 22.8



#49

Dibromochloromethane

Concen: 30.100 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079080.D

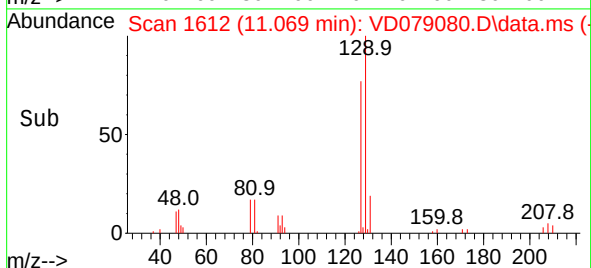
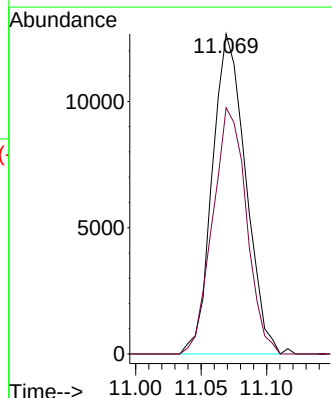
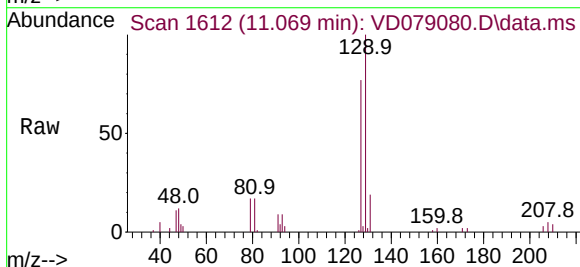
Acq: 29 May 2024 22:31

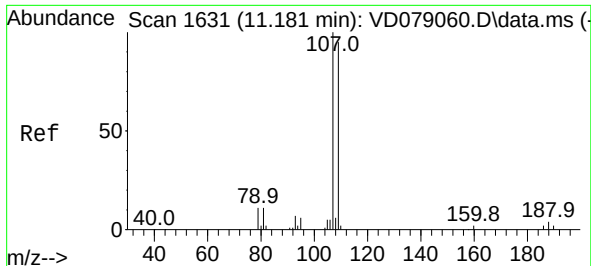
Tgt Ion: 129 Resp: 22372

Ion Ratio Lower Upper

129 100

127 76.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 34.631 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

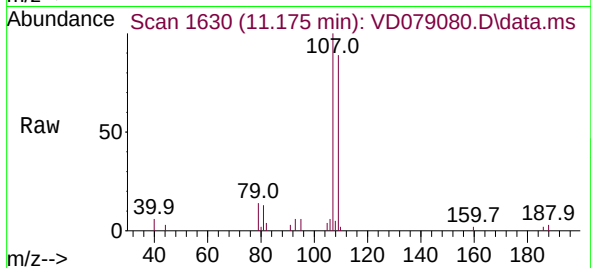
Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :



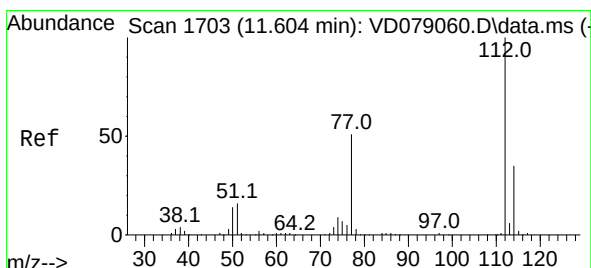
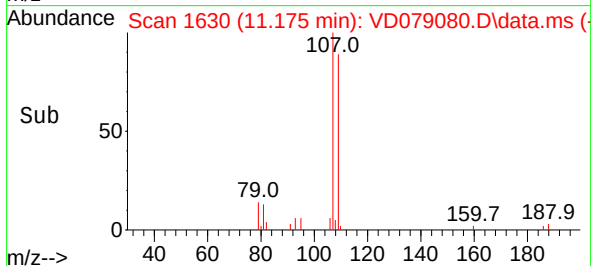
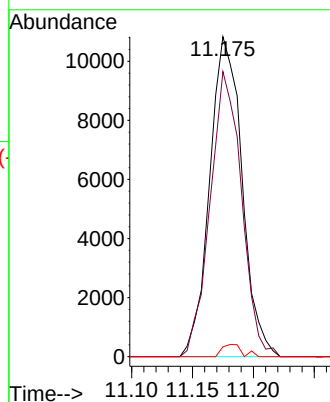
Tgt Ion:107 Resp: 19976

Ion Ratio Lower Upper

107 100

109 89.1 64.5 119.7

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 19.700 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

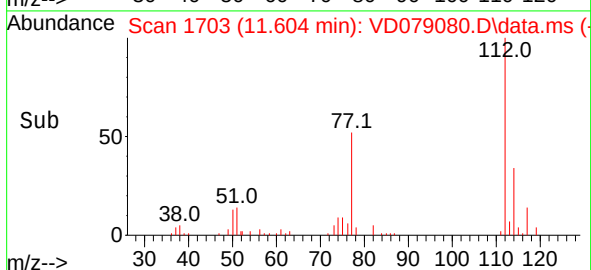
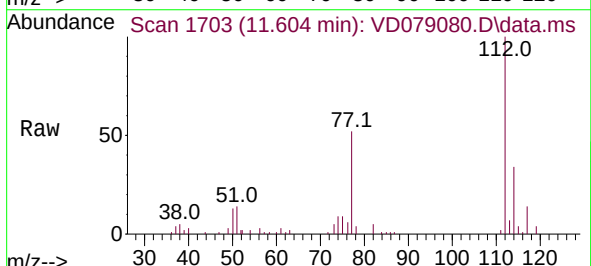
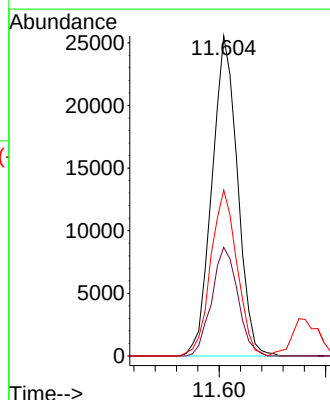
Tgt Ion:112 Resp: 42512

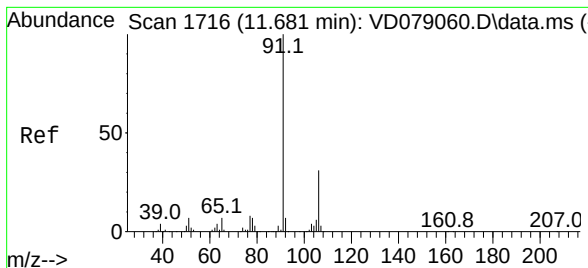
Ion Ratio Lower Upper

112 100

114 33.9 22.7 42.3

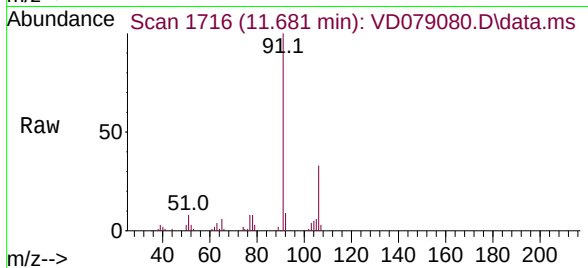
77 51.8 38.4 57.6



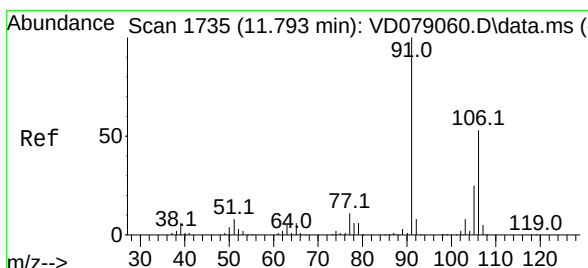
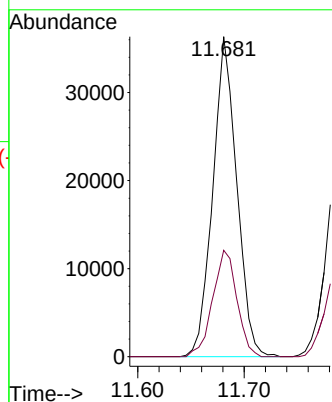
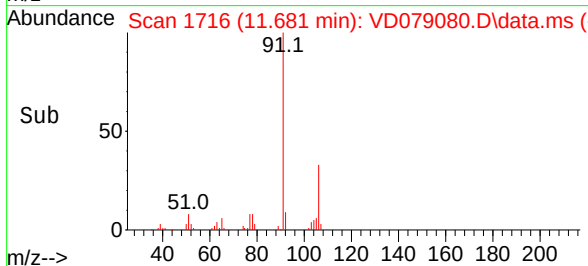


#52
Ethylbenzene
Concen: 16.780 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Instrument :
MSVOA_D
ClientSampleId :

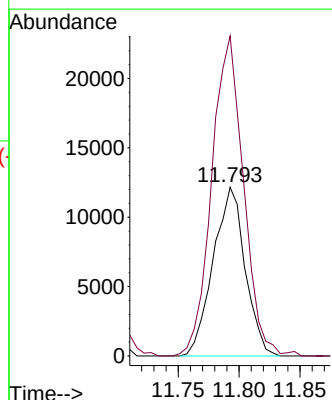
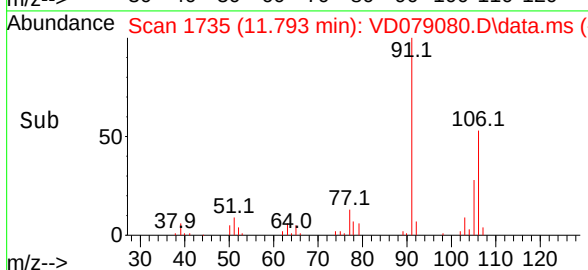
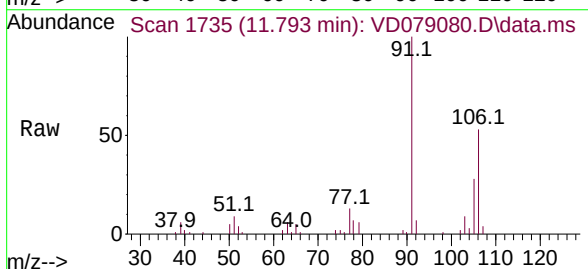


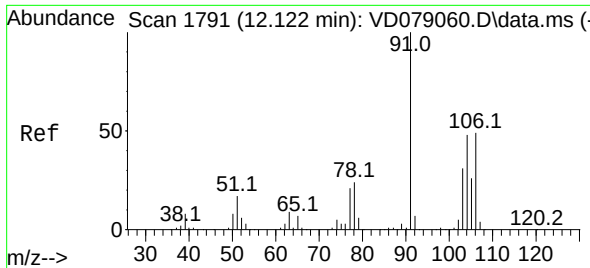
Tgt Ion: 91 Resp: 56768
Ion Ratio Lower Upper
91 100
106 33.2 22.3 41.5



#53
m,p-Xylene
Concen: 16.710 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion: 106 Resp: 22180
Ion Ratio Lower Upper
106 100
91 189.7 133.1 247.1

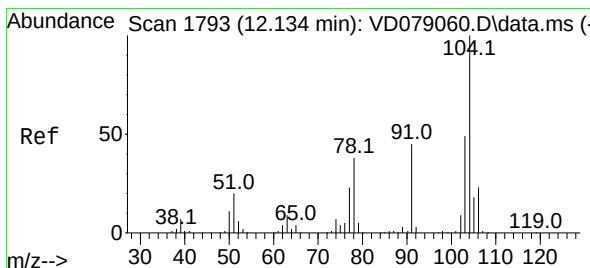
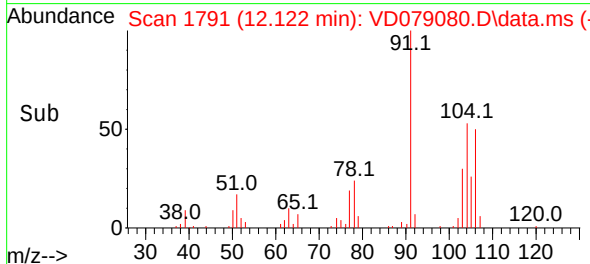
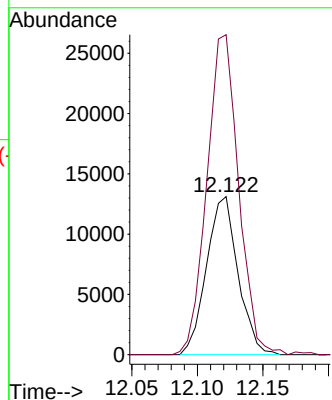
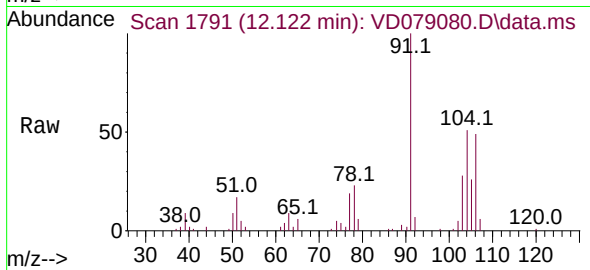




#54
o-Xylene
Concen: 17.088 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

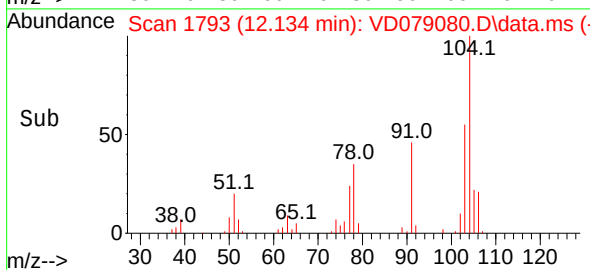
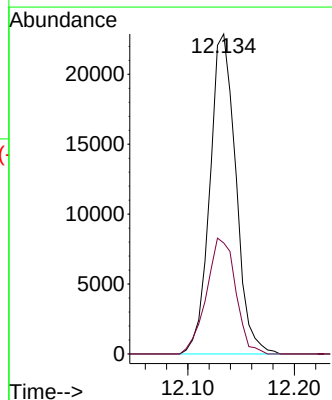
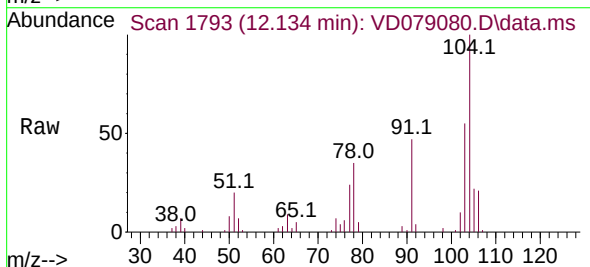
Instrument :
MSVOA_D
ClientSampleId :

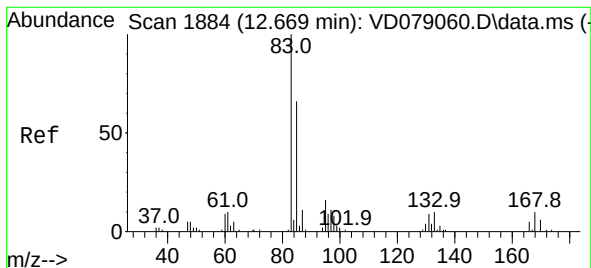
Tgt Ion:106 Resp: 21914
Ion Ratio Lower Upper
106 100
91 202.4 132.9 246.9



#55
Styrene
Concen: 17.028 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion:104 Resp: 38719
Ion Ratio Lower Upper
104 100
78 34.7 27.8 51.6

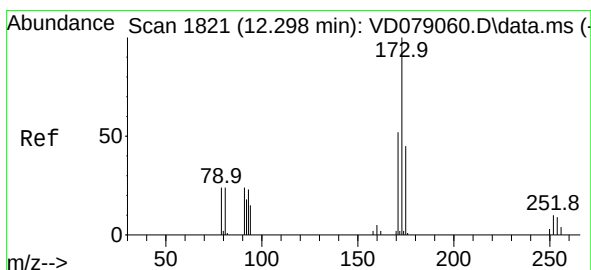
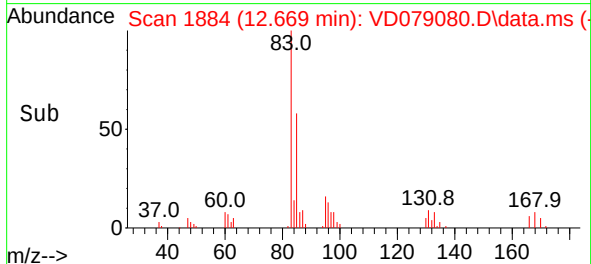
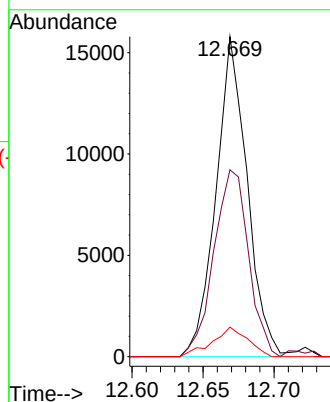
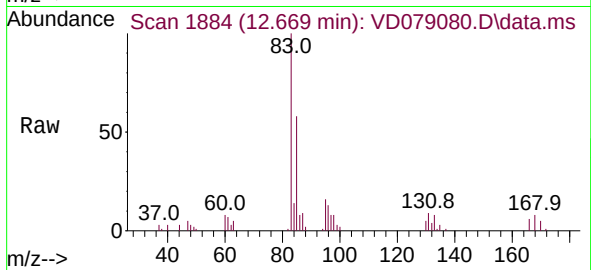




#57
1,1,2,2-Tetrachloroethane
Concen: 34.245 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

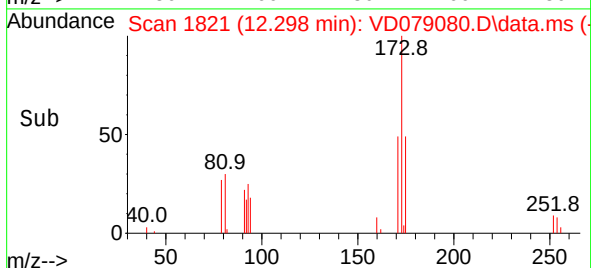
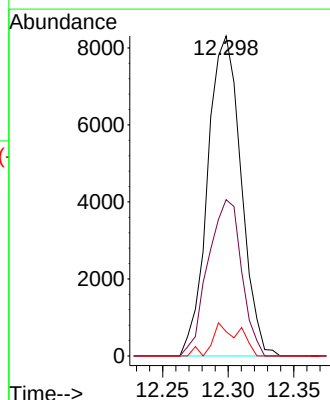
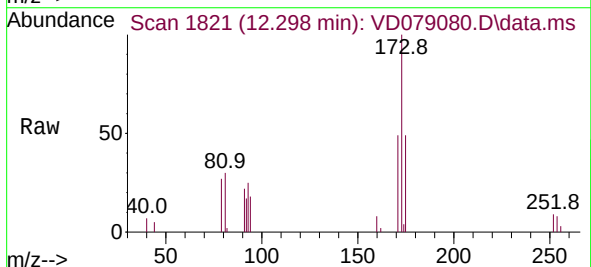
Instrument :
MSVOA_D
ClientSampleId :

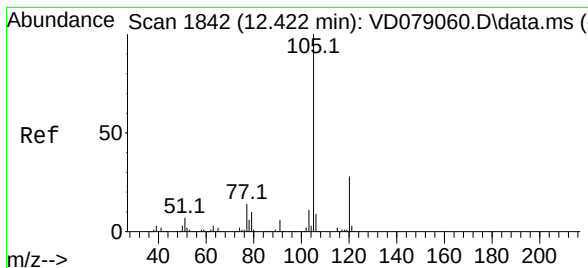
Tgt Ion: 83 Resp: 24060
Ion Ratio Lower Upper
83 100
85 58.4 47.5 88.1
131 9.2 8.6 13.0



#59
Bromoform
Concen: 47.893 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion:173 Resp: 14716
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.4
254 5.4 7.0 10.6#





#60

Isopropylbenzene

Concen: 20.899 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079080.D

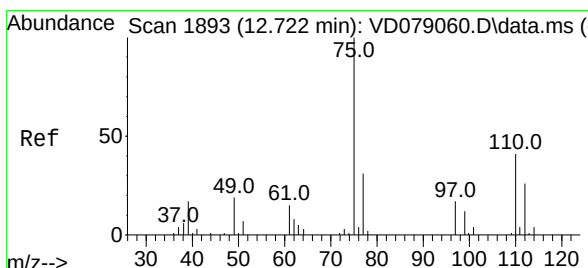
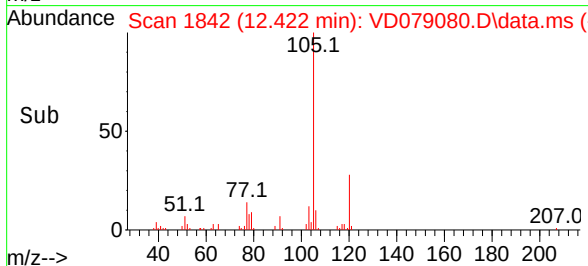
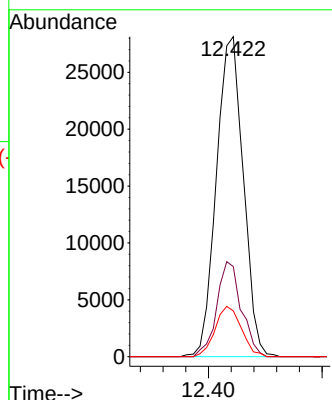
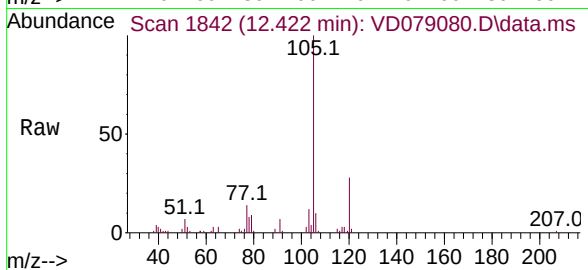
Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	46328
Ion Ratio	Lower	Upper
105	100	
120	27.2	21.9 32.9
77	15.3	10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 52.941 ug/L

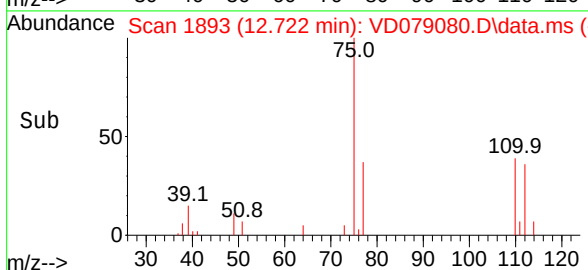
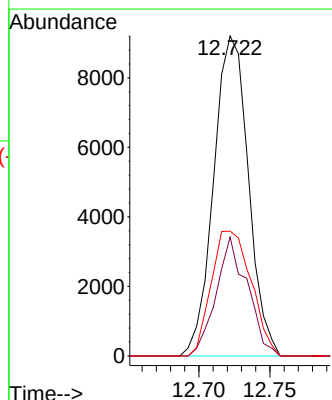
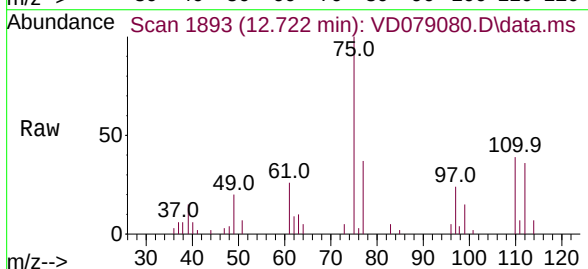
RT: 12.722 min Scan# 1893

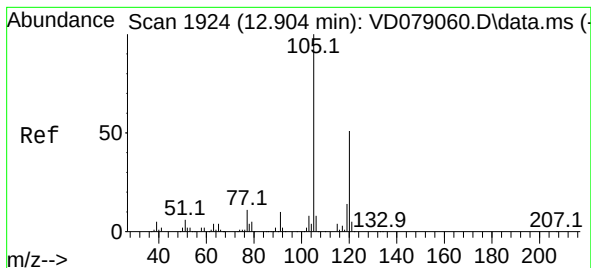
Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Tgt Ion: 75	Resp:	15670
Ion Ratio	Lower	Upper
75	100	
77	33.4	25.9 38.9
110	44.8	34.2 51.4

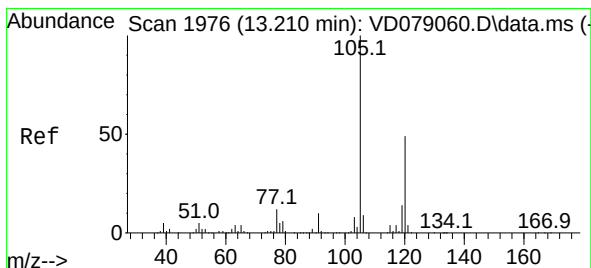
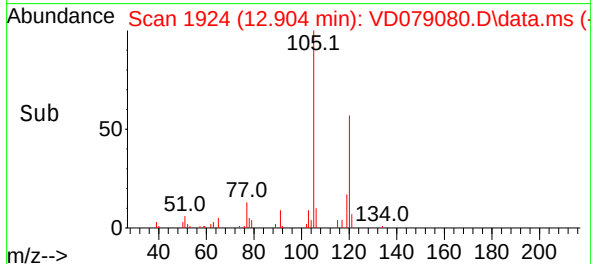
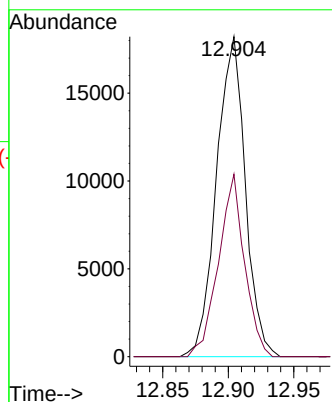
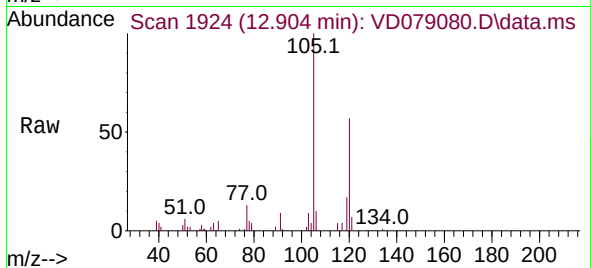




#62
1,3,5-Trimethylbenzene
Concen: 18.328 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

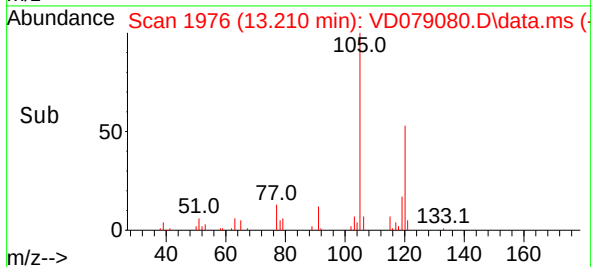
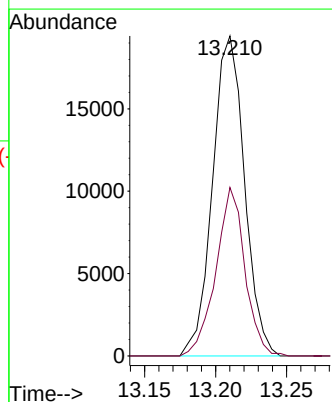
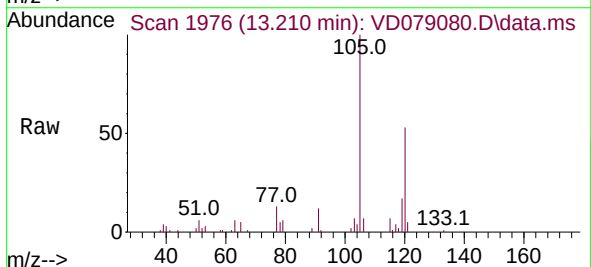
Instrument :
MSVOA_D
ClientSampleId :

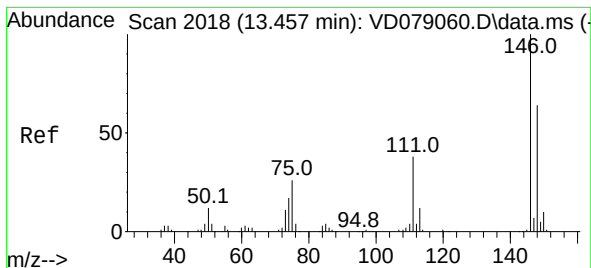
Tgt Ion:105 Resp: 27780
Ion Ratio Lower Upper
105 100
120 51.7 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 18.754 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion:105 Resp: 30402
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 21.074 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

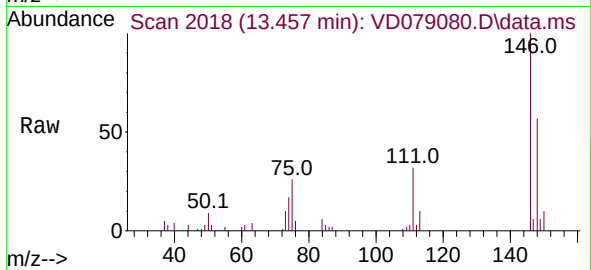
Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :



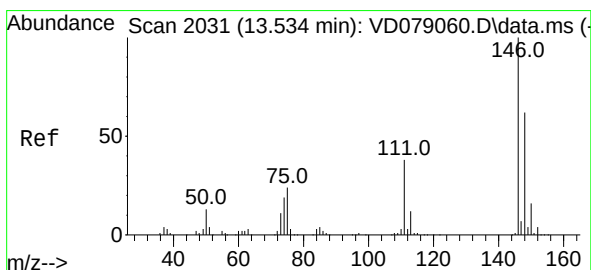
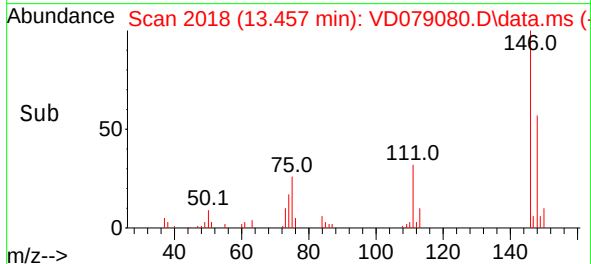
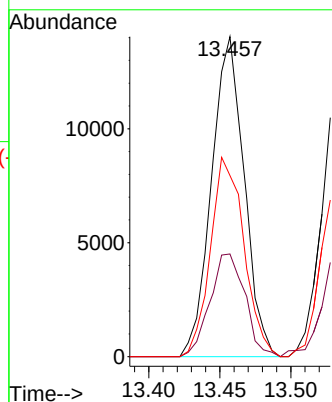
Tgt Ion:146 Resp: 22443

Ion Ratio Lower Upper

146 100

111 32.1 24.4 45.4

148 56.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 21.346 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

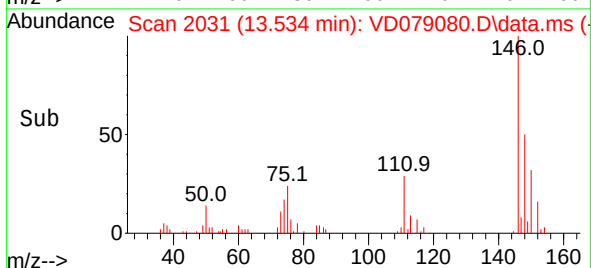
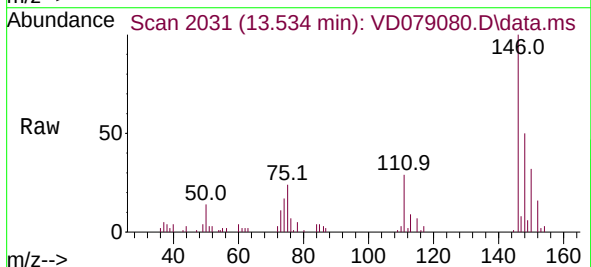
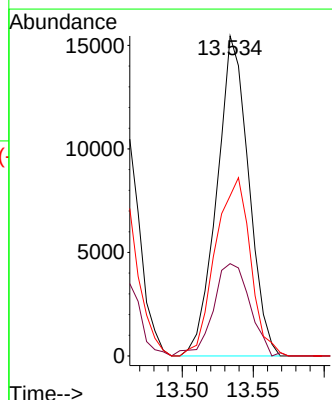
Tgt Ion:146 Resp: 24086

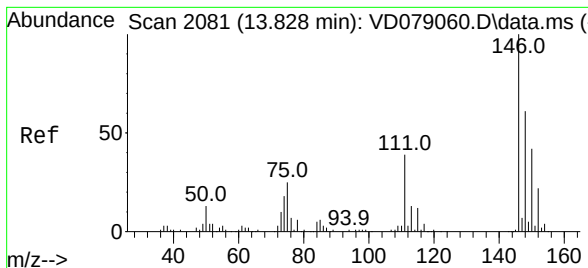
Ion Ratio Lower Upper

146 100

111 28.8 26.3 48.9

148 50.1 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 21.931 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :

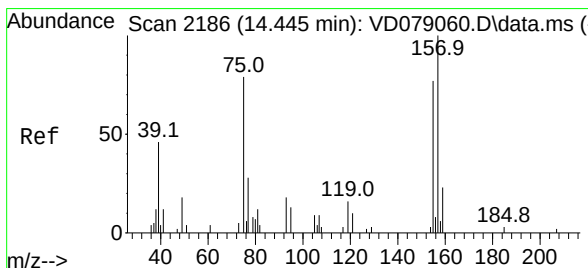
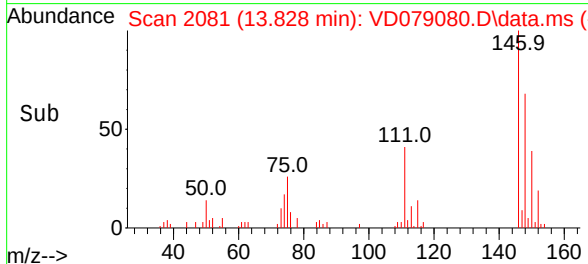
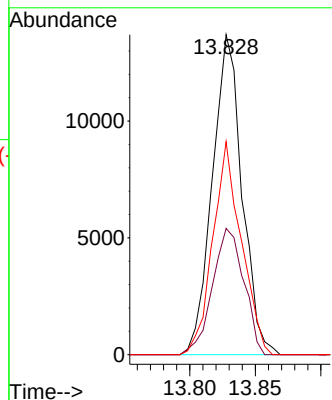
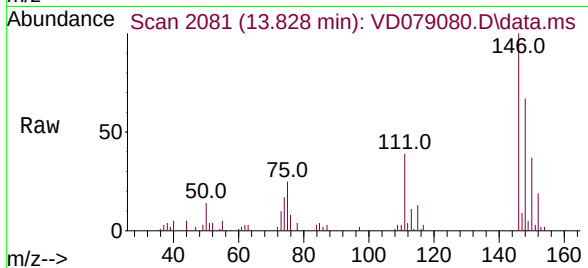
Tgt Ion:146 Resp: 21590

Ion Ratio Lower Upper

146 100

111 39.5 29.1 43.7

148 66.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.779 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

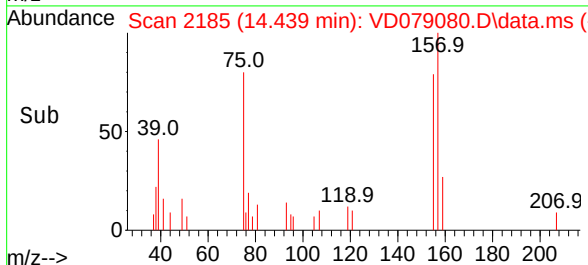
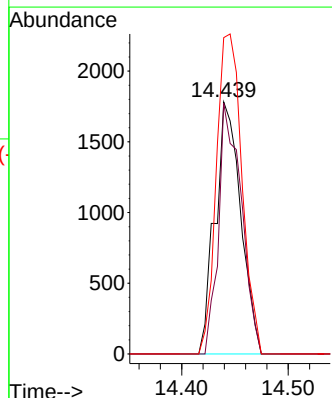
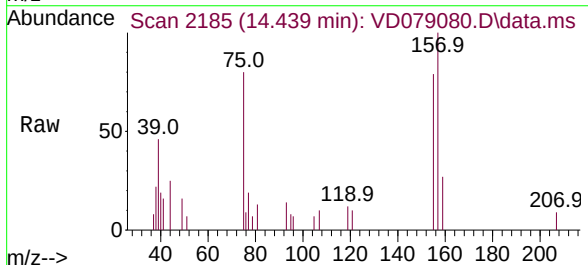
Tgt Ion: 75 Resp: 2968

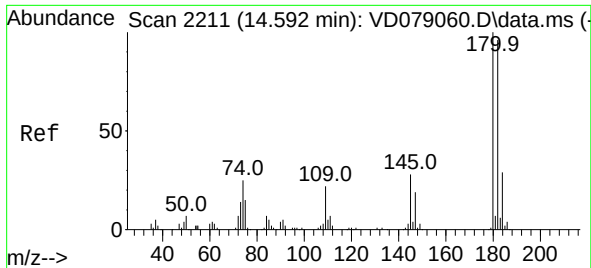
Ion Ratio Lower Upper

75 100

155 99.6 68.1 102.1

157 125.5 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 9.355 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.923 min

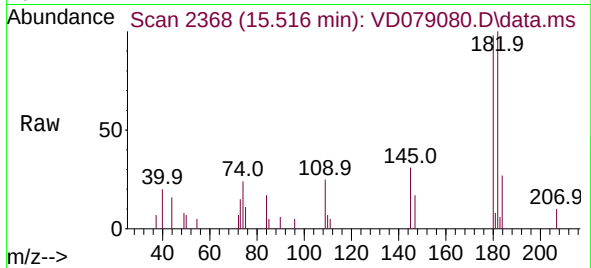
Lab File: VD079080.D

Acq: 29 May 2024 22:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 6283

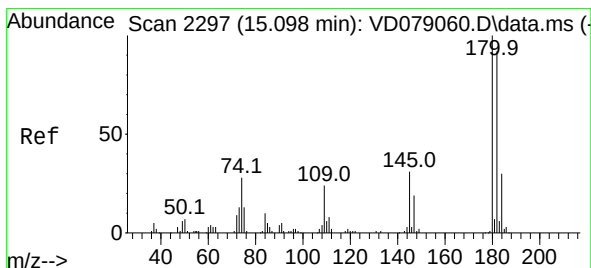
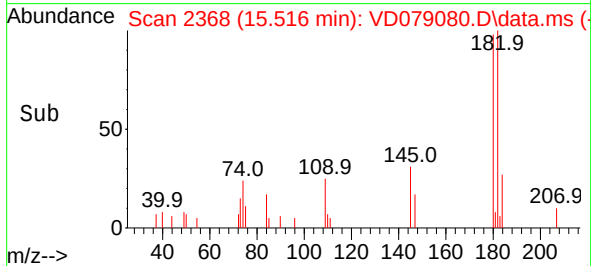
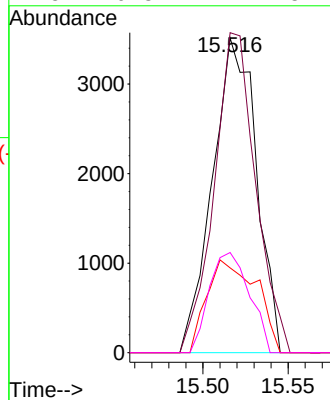
Ion Ratio Lower Upper

180 100

182 96.3 76.9 115.3

184 26.9 23.3 34.9

145 29.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 11.685 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079080.D

Acq: 29 May 2024 22:31

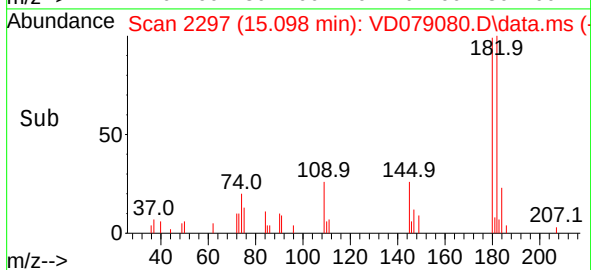
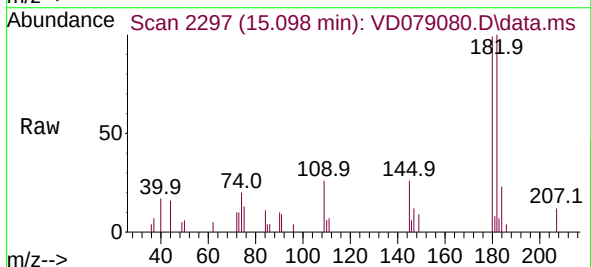
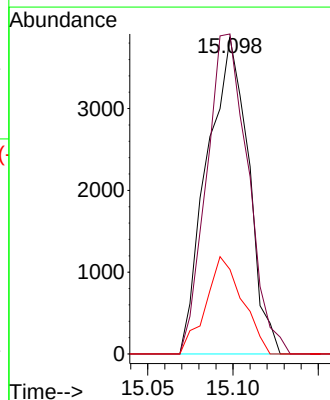
Tgt Ion:180 Resp: 6518

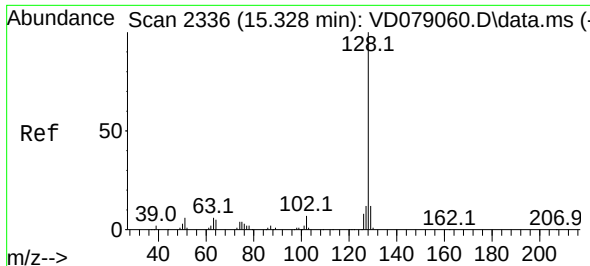
Ion Ratio Lower Upper

180 100

182 101.4 73.8 110.6

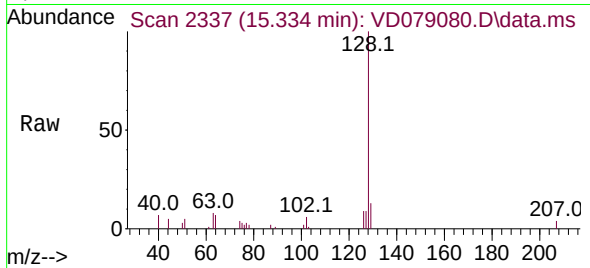
145 27.3 22.3 33.5



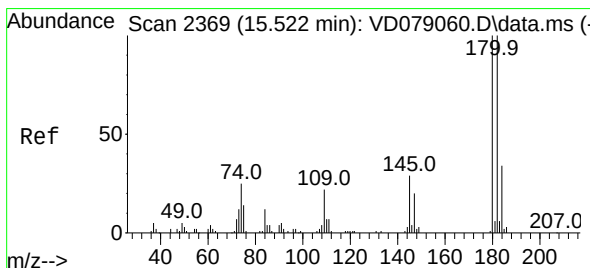
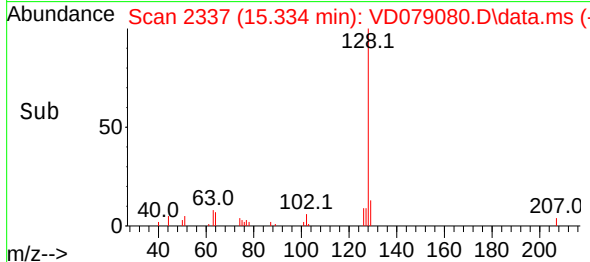
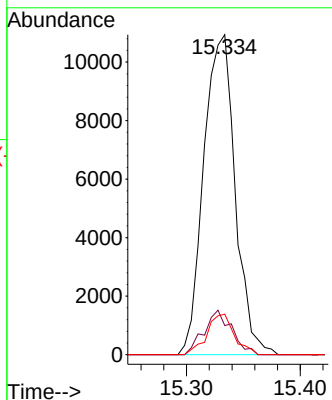


#71
Naphthalene
Concen: 20.174 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 21046
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 13.032 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079080.D
Acq: 29 May 2024 22:31

Tgt Ion:180 Resp: 6283
Ion Ratio Lower Upper
180 100
182 96.3 79.4 119.2
145 29.3 24.7 37.1

