

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079159.D
 Acq On : 10 Jun 2024 15:26
 Operator : RP/MD
 Sample : P2775-02MS
 Misc : 5.30G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	99014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	66612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	81712	26.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.280%
7) Chloroethane-d5	2.799	69	82496	28.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	3.916	65	13375	24.727	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.920%
21) 2-Butanone-d5	6.987	46	8879	38.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.200%
24) Chloroform-d	7.569	84	77198	27.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.520%
26) 1,2-Dichloroethane-d4	8.228	65	35674	27.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.720%
32) Benzene-d6	8.198	84	146091	39.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	158.240%#
36) 1,2-Dichloropropane-d6	9.210	67	43020	40.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	161.760%#
41) Toluene-d8	10.269	98	109481	31.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.640%
43) trans-1,3-Dichloroprop...	10.528	79	14129	31.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	126.400%
47) 2-Hexanone-d5	10.881	63	7409	53.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22920	24.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	13133	22.190	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42507	27.120	ug/L	99
3) Chloromethane	2.146	50	76863	36.793	ug/L	98
5) Vinyl chloride	2.281	62	111667	32.386	ug/L	97
6) Bromomethane	2.693	94	72808	27.352	ug/L	99
8) Chloroethane	2.834	64	78851	31.201	ug/L	98
9) Trichlorofluoromethane	3.169	101	72189	27.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	37560	23.847	ug/L	99
12) 1,1-Dichloroethene	3.940	96	38554	28.116	ug/L	96
13) Acetone	4.022	43	13156	38.992	ug/L	94
14) Carbon disulfide	4.269	76	122161	25.538	ug/L	99
15) Methyl Acetate	4.552	43	3648	7.935	ug/L	89
16) Methylene chloride	4.804	84	62619	35.493	ug/L	94
17) trans-1,2-Dichloroethene	5.304	96	44060	29.732	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	78118	29.723	ug/L	98
19) 1,1-Dichloroethane	6.110	63	76150	31.917	ug/L #	91
20) cis-1,2-Dichloroethene	7.081	96	47058	30.497	ug/L	92
22) 2-Butanone	7.075	43	8133	22.946	ug/L	81
23) Bromochloromethane	7.428	128	23451	29.977	ug/L	94
25) Chloroform	7.598	83	84556	31.215	ug/L	95

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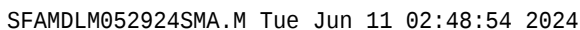
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 ClientSampleId :

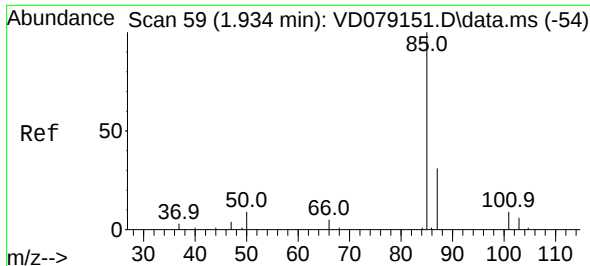
Quant Time: Jun 11 02:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	46220	29.393	ug/L #	93
29) Cyclohexane	7.881	56	30100	25.045	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	64800	41.089	ug/L	99
31) Carbon tetrachloride	7.993	117	53196	36.298	ug/L	98
33) Benzene	8.251	78	175137	44.144	ug/L	100
34) Trichloroethene	9.022	95	36070	35.299	ug/L	92
35) Methylcyclohexane	9.269	83	27963	16.515	ug/L	97
37) 1,2-Dichloropropane	9.298	63	42062	43.283	ug/L	98
38) Bromodichloromethane	9.581	83	54869	40.616	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	51810	34.153	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	27137	66.895	ug/L	96
42) Toluene	10.334	91	152513	34.619	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	42763	33.335	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	31304	36.718	ug/L	97
46) Tetrachloroethene	10.810	164	22318	24.805	ug/L	90
48) 2-Hexanone	10.922	43	19491	55.525	ug/L	96
49) Dibromochloromethane	11.075	129	32746	32.435	ug/L	99
50) 1,2-Dibromoethane	11.175	107	27284	34.822	ug/L #	96
51) Chlorobenzene	11.604	112	73376	25.032	ug/L	98
52) Ethylbenzene	11.681	91	111208	24.200	ug/L	99
53) m,p-Xylene	11.792	106	42140	23.373	ug/L	89
54) o-Xylene	12.122	106	39297	22.560	ug/L	83
55) Styrene	12.134	104	66686	21.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	24719	25.902	ug/L	90
59) Bromoform	12.298	173	16016	50.957	ug/L	99
60) Isopropylbenzene	12.422	105	82558	36.408	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	18687	61.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	42870	27.651	ug/L	94
63) 1,2,4-Trimethylbenzene	13.210	105	46359	27.956	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	28733	26.377	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	27084	23.465	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	23241	23.079	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	2378	38.207	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	9034	13.149	ug/L #	96
70) 1,2,4-trichlorobenzene	15.104	180	5580	9.779	ug/L #	90
71) Naphthalene	15.333	128	13518	12.668	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.522	180	4300	8.719	ug/L	94

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

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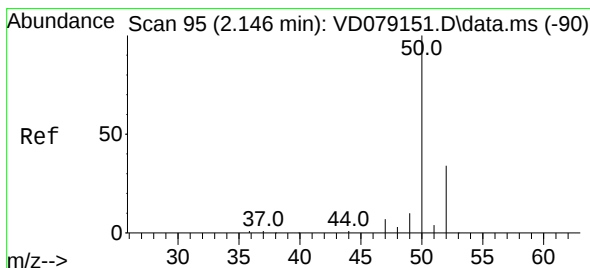
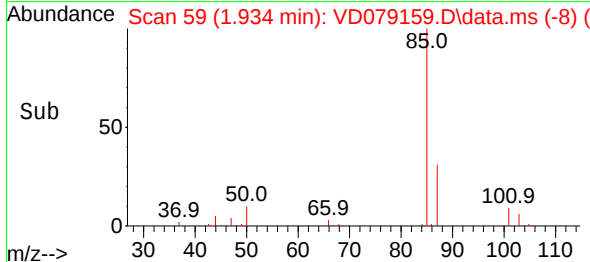
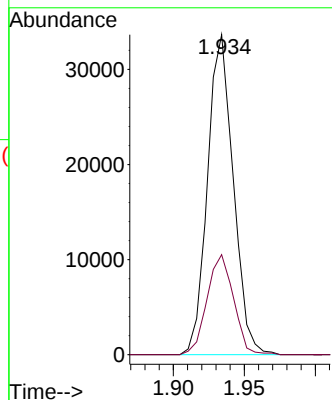
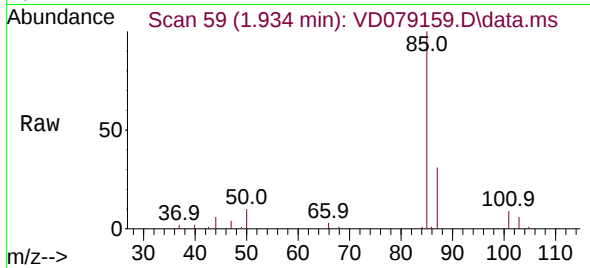




#2
 Dichlorodifluoromethane
 Concen: 27.120 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

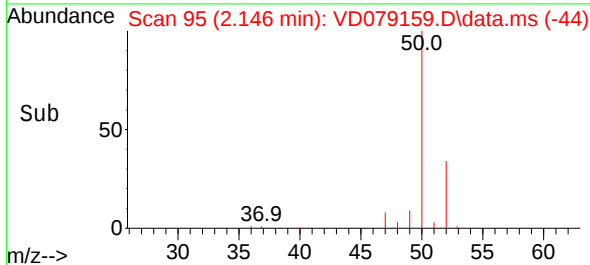
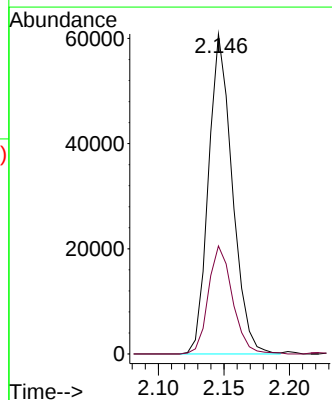
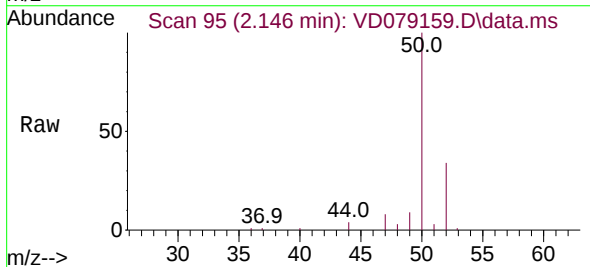
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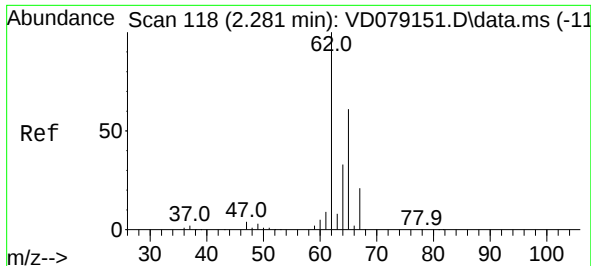
Tgt Ion: 85 Resp: 42507
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 36.793 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 50 Resp: 76863
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.4 45.2

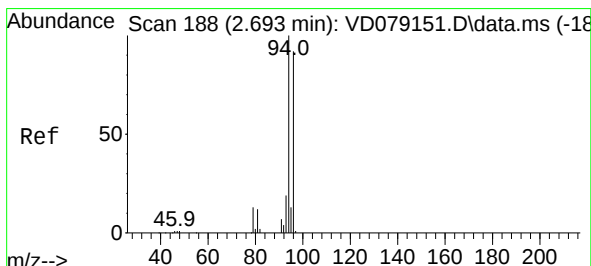
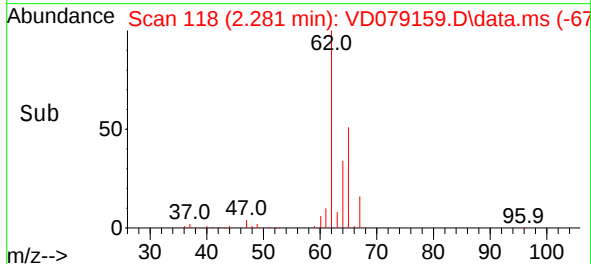
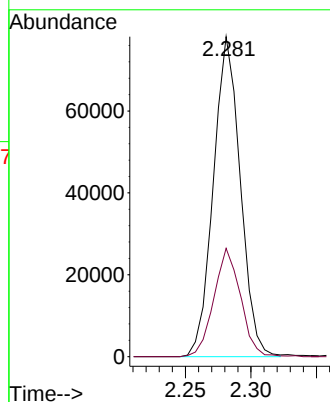
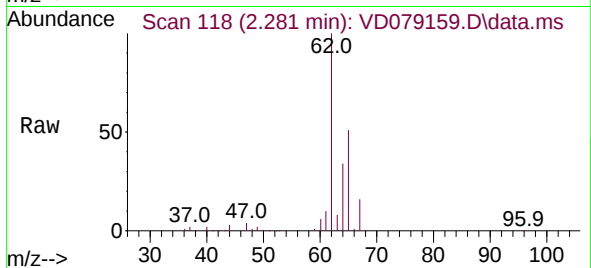




#5
 Vinyl chloride
 Concen: 32.386 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

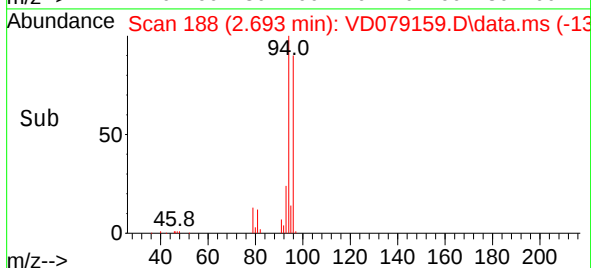
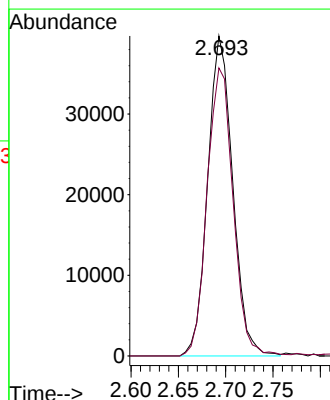
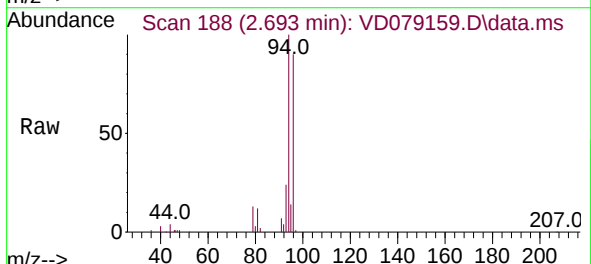
Instrument :
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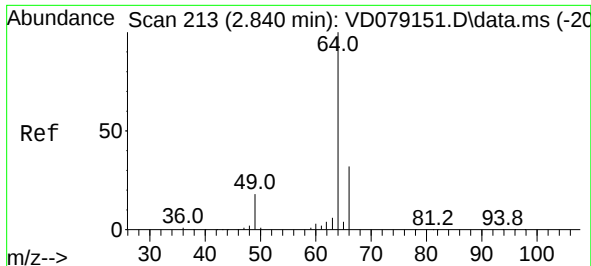
Tgt Ion: 62 Resp: 111667
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.8 46.1



#6
 Bromomethane
 Concen: 27.352 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 94 Resp: 72808
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.6 118.2

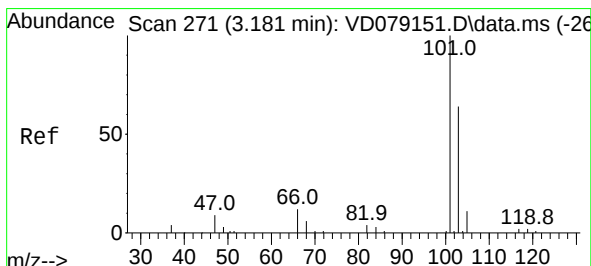
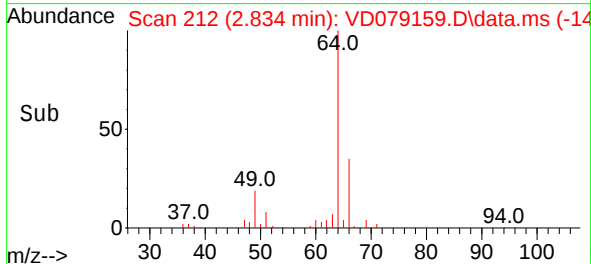
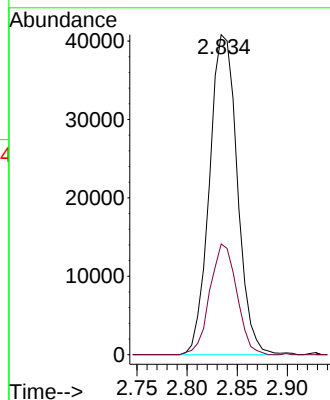
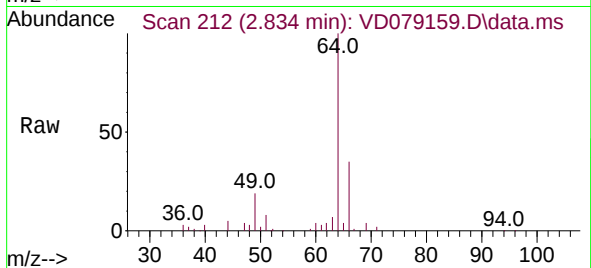




#8
Chloroethane
Concen: 31.201 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

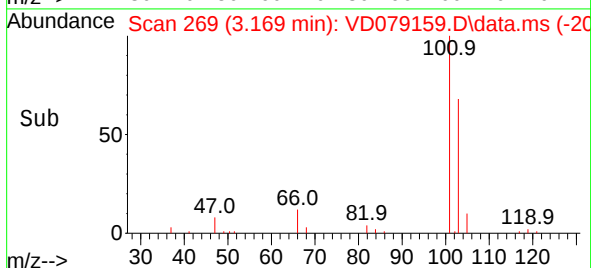
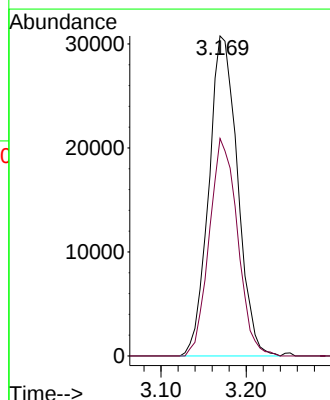
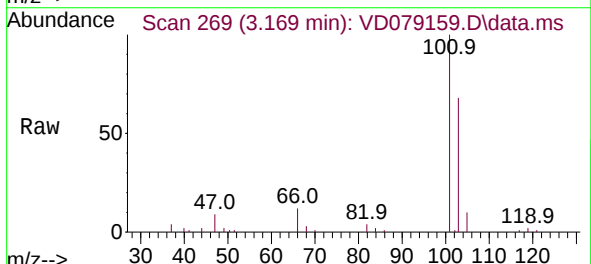
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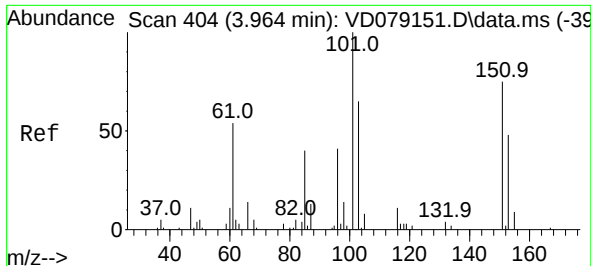
Tgt Ion: 64 Resp: 78851
Ion Ratio Lower Upper
64 100
66 34.6 24.8 46.1



#9
Trichlorofluoromethane
Concen: 27.483 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.012 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:101 Resp: 72189
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0

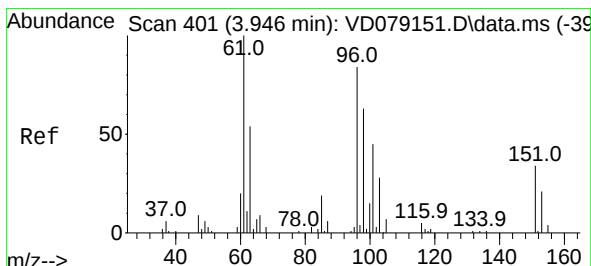
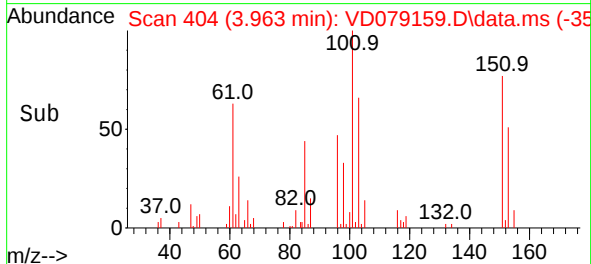
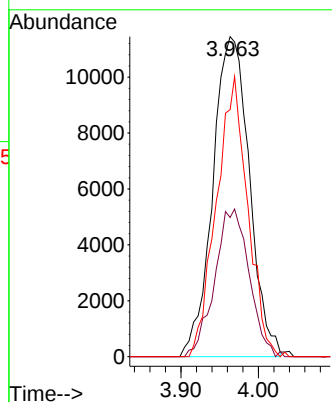
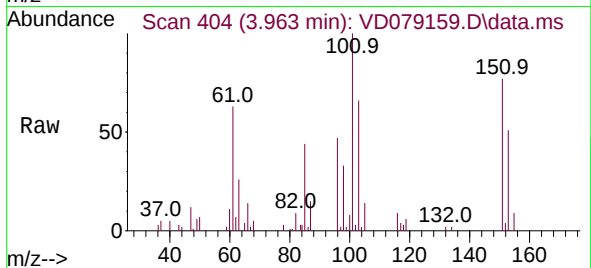




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.847 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

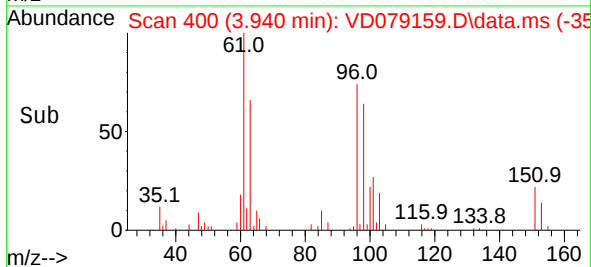
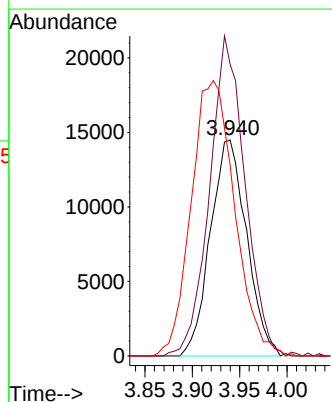
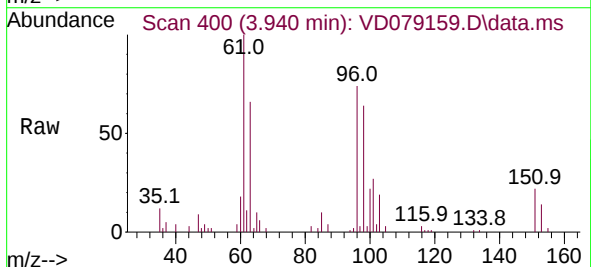
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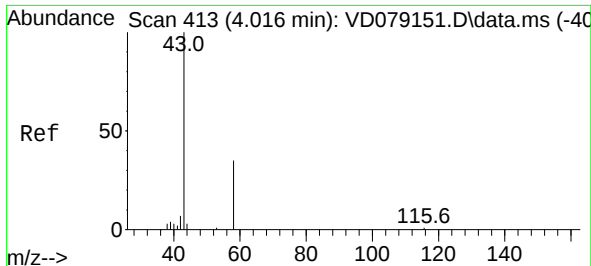
Tgt Ion:101 Resp: 37560
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.0
 151 74.8 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 28.116 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 96 Resp: 38554
 Ion Ratio Lower Upper
 96 100
 61 135.0 93.9 174.3
 63 88.5 67.7 125.7





#13

Acetone

Concen: 38.992 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

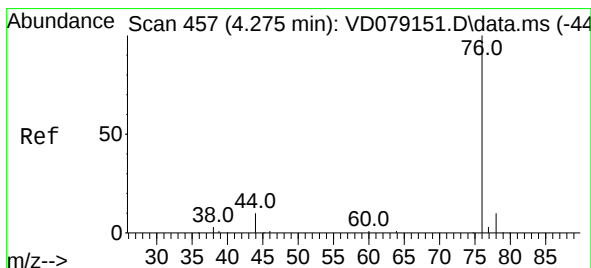
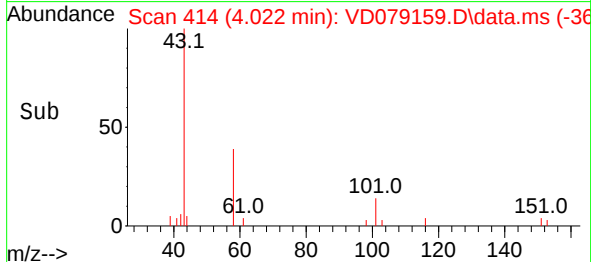
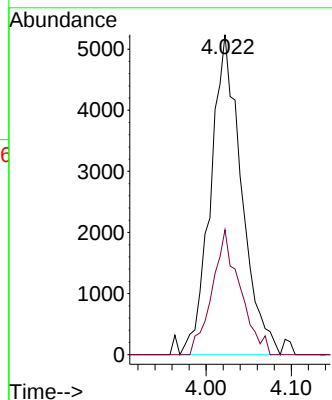
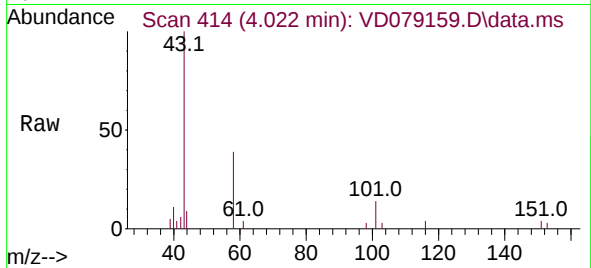
ClientSampleId :

Tgt Ion: 43 Resp: 13156

Ion Ratio Lower Upper

43 100

58 35.5 0.0 78.2



#14

Carbon disulfide

Concen: 25.538 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079159.D

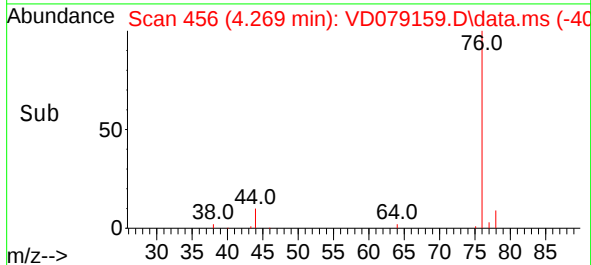
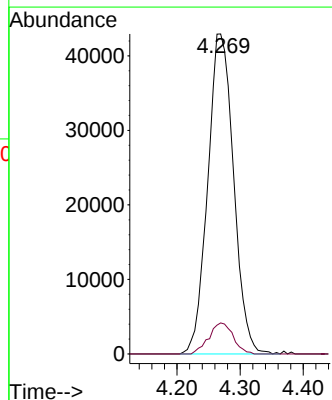
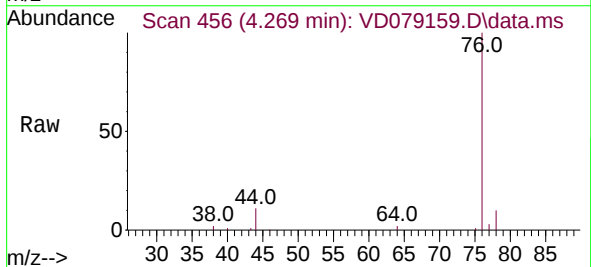
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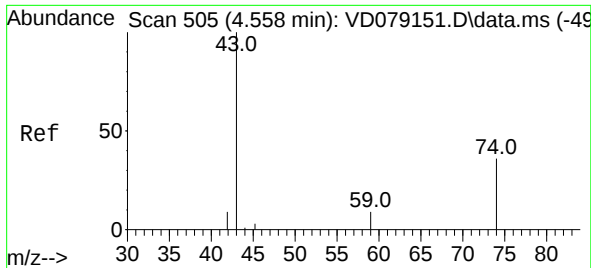
Tgt Ion: 76 Resp: 122161

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

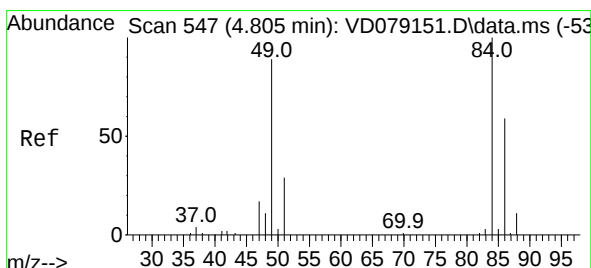
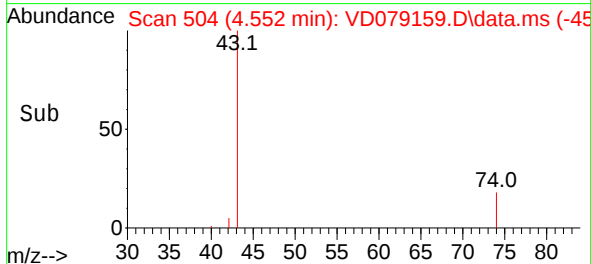
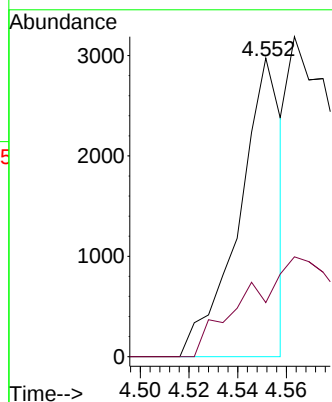
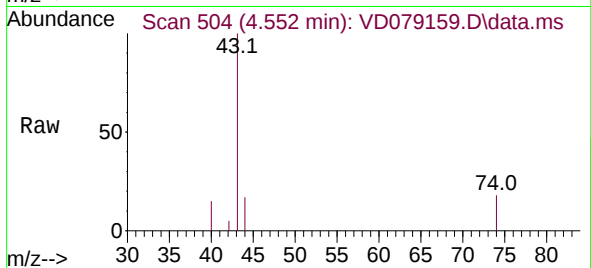




#15
Methyl Acetate
Concen: 7.935 ug/L
RT: 4.552 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

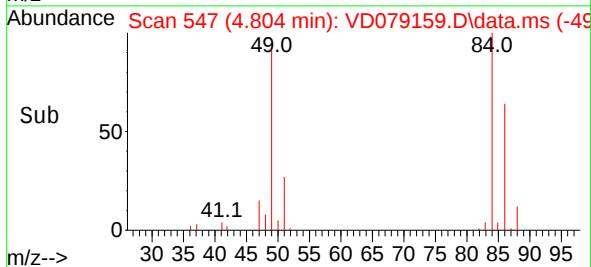
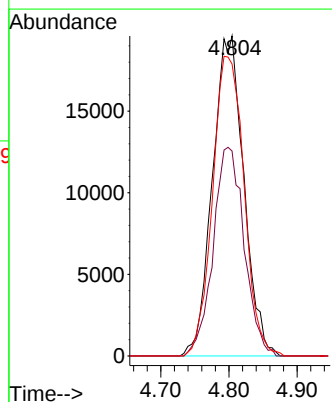
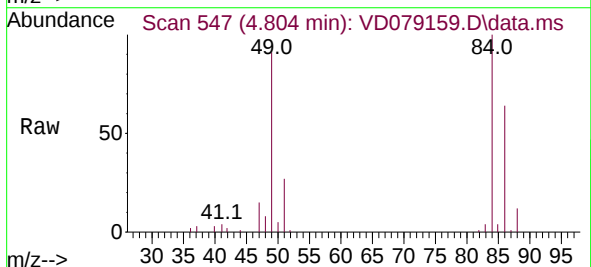
Instrument :
MSVOA_D
ClientSampleId :

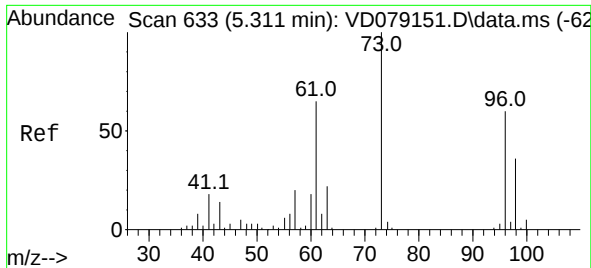
Tgt Ion: 43 Resp: 3648
Ion Ratio Lower Upper
43 100
74 23.9 23.8 35.6



#16
Methylene chloride
Concen: 35.493 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 84 Resp: 62619
Ion Ratio Lower Upper
84 100
86 64.0 40.9 76.0
49 91.2 67.5 125.3

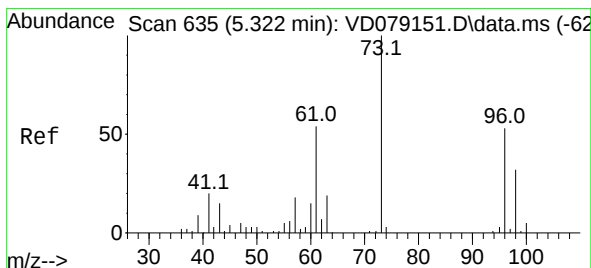
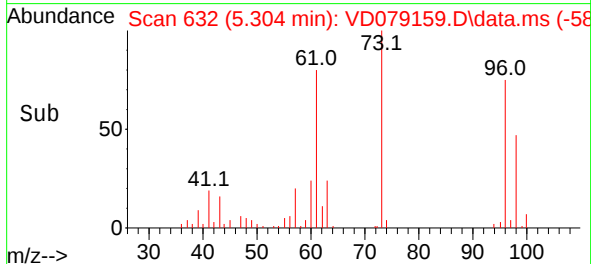
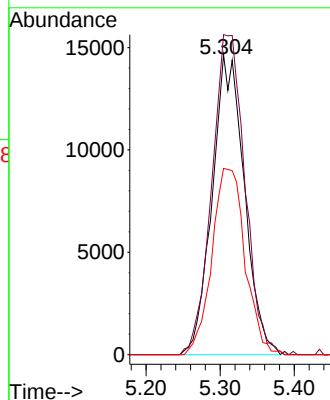
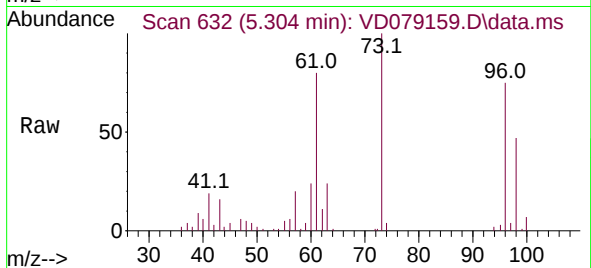




#17
trans-1,2-Dichloroethene
Concen: 29.732 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

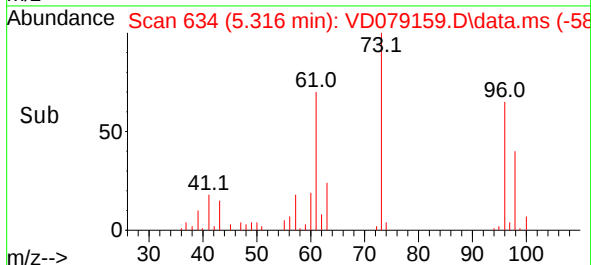
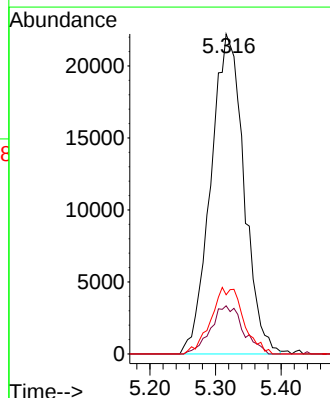
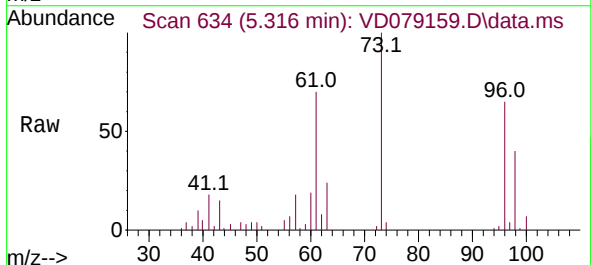
Instrument :
MSVOA_D
ClientSampleId :

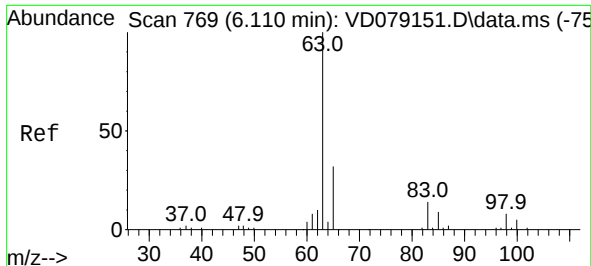
Tgt Ion: 96 Resp: 44060
Ion Ratio Lower Upper
96 100
61 106.7 71.9 133.5
98 62.1 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 29.723 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 73 Resp: 78118
Ion Ratio Lower Upper
73 100
43 14.7 12.0 18.0
57 10.5 9.6 14.4

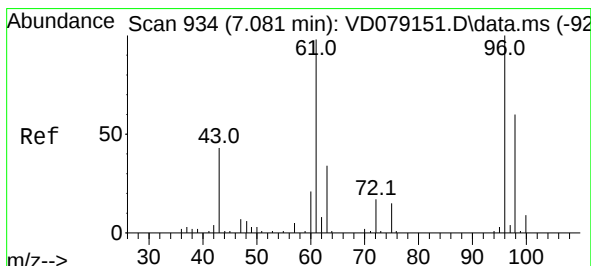
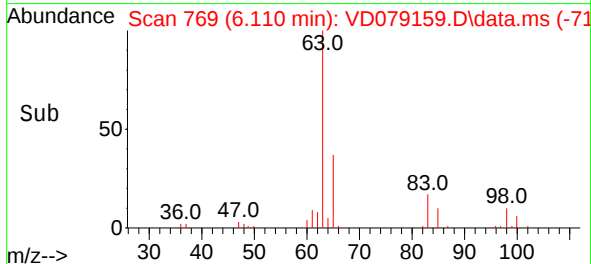
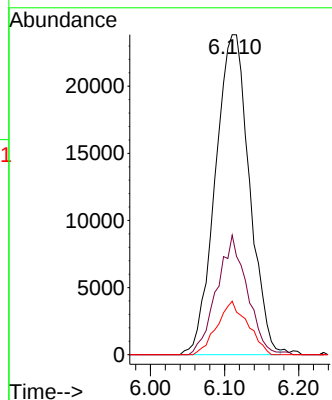
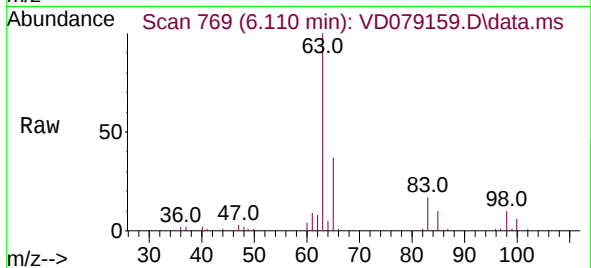




#19
1,1-Dichloroethane
Concen: 31.917 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

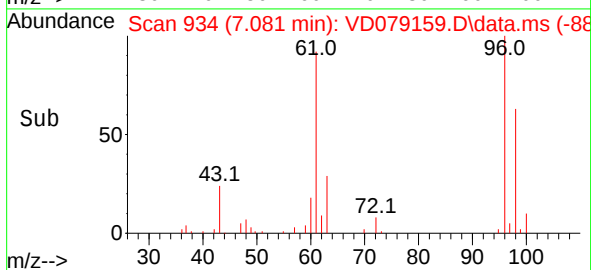
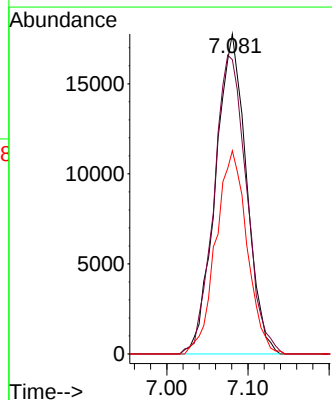
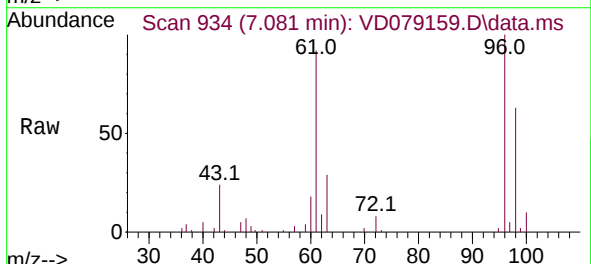
Instrument :
MSVOA_D
ClientSampleId :

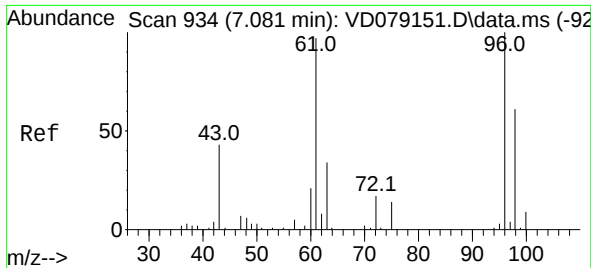
Tgt Ion: 63 Resp: 76150
Ion Ratio Lower Upper
63 100
65 37.4 22.8 42.4
83 16.7 8.6 16.0#



#20
cis-1,2-Dichloroethene
Concen: 30.497 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 96 Resp: 47058
Ion Ratio Lower Upper
96 100
61 92.0 72.6 134.8
98 63.5 43.8 81.3

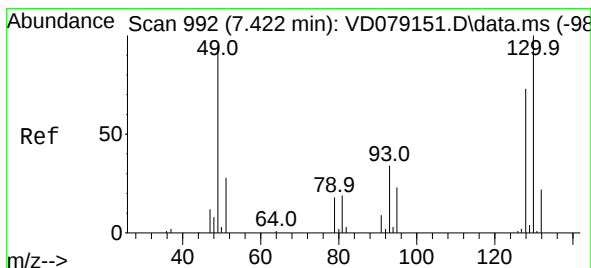
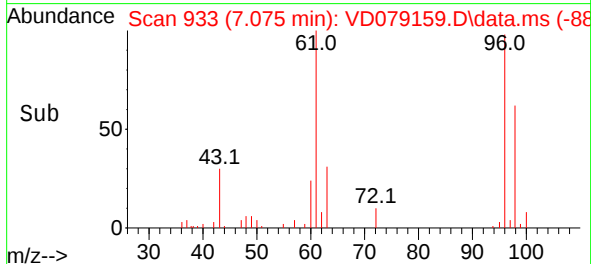
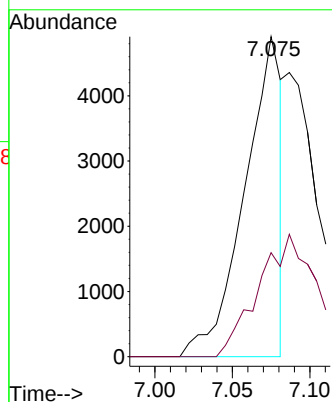
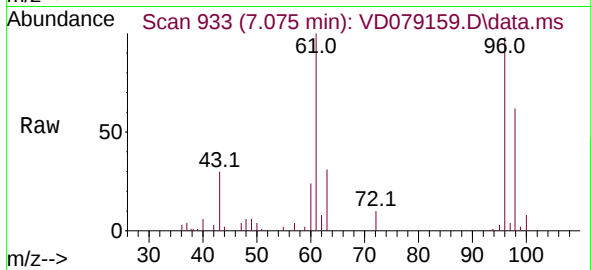




#22
2-Butanone
Concen: 22.946 ug/L
RT: 7.075 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

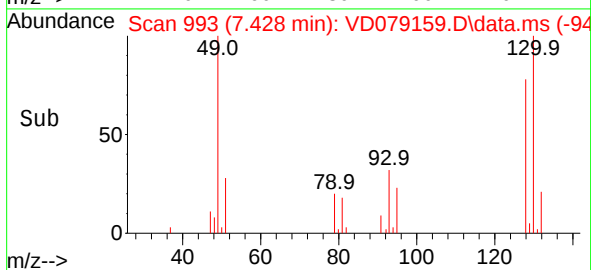
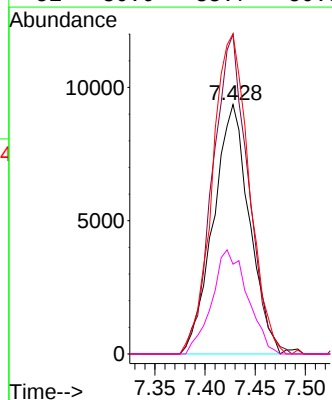
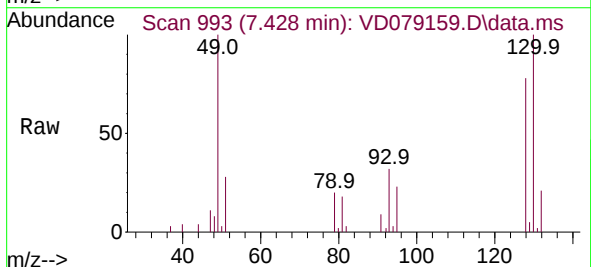
Instrument :
MSVOA_D
ClientSampleId :

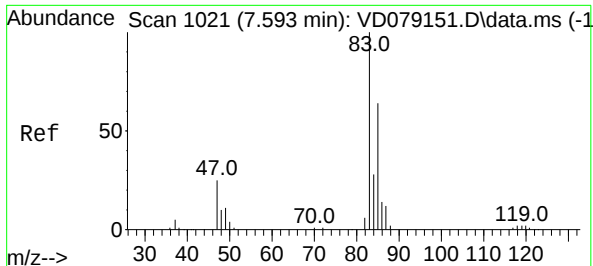
Tgt Ion: 43 Resp: 8133
Ion Ratio Lower Upper
43 100
72 27.1 19.3 57.8



#23
Bromochloromethane
Concen: 29.977 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:128 Resp: 23451
Ion Ratio Lower Upper
128 100
49 128.2 81.8 151.8
130 128.3 90.4 167.8
51 36.0 33.7 50.5

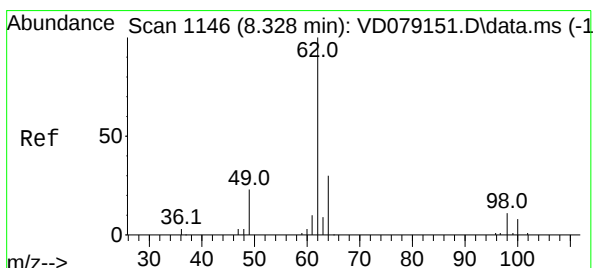
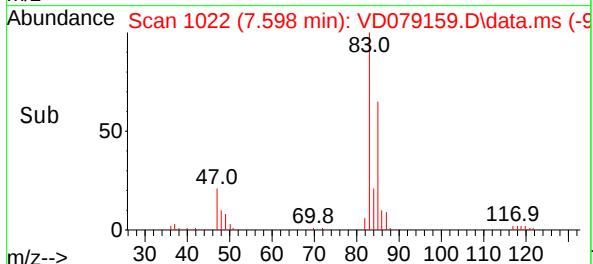
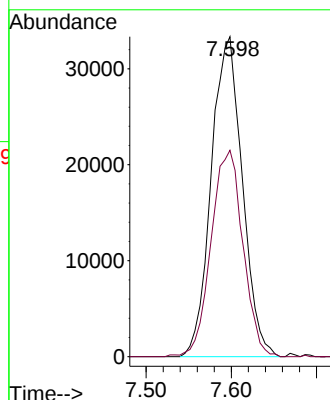
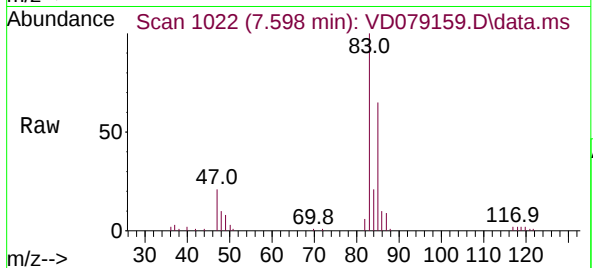




#25
Chloroform
Concen: 31.215 ug/L
RT: 7.598 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

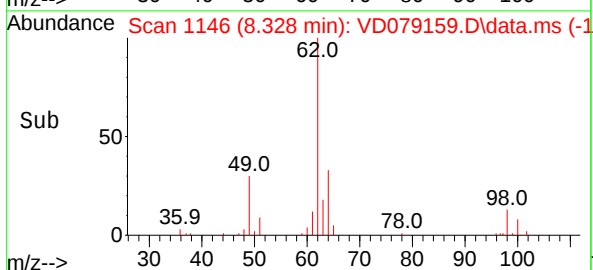
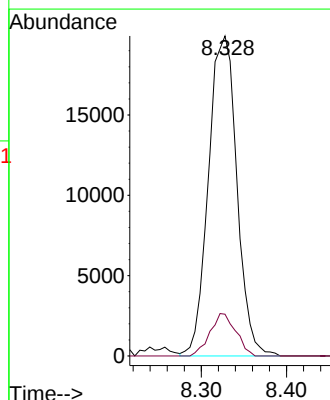
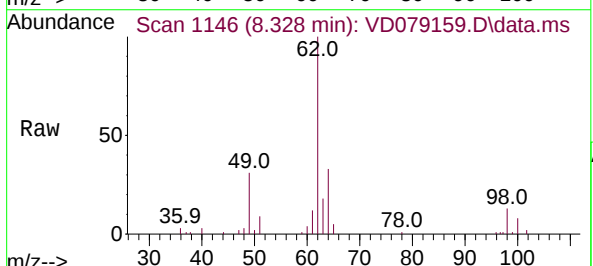
Instrument :
MSVOA_D
ClientSampleId :

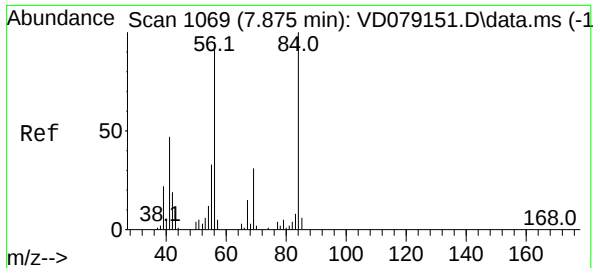
Tgt Ion: 83 Resp: 84556
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 29.393 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

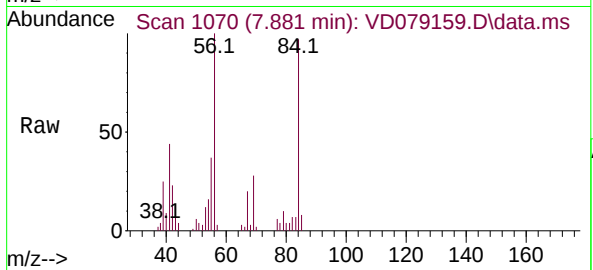
Tgt Ion: 62 Resp: 46220
Ion Ratio Lower Upper
62 100
98 13.1 8.2 12.4#



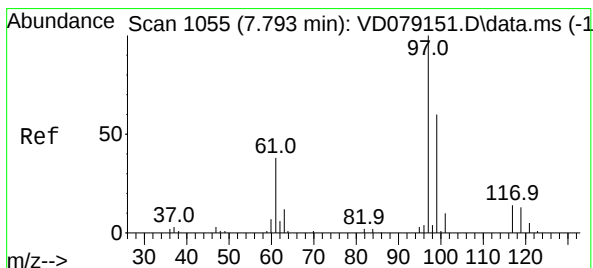
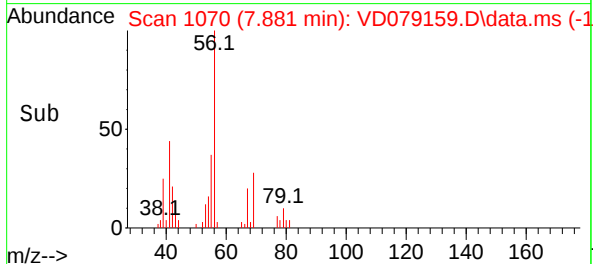
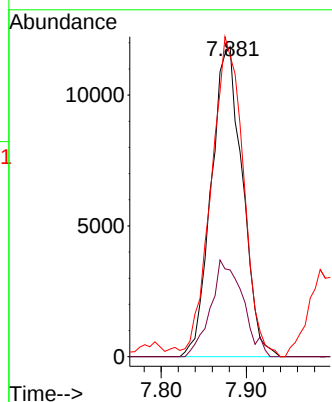


#29
Cyclohexane
Concen: 25.045 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :

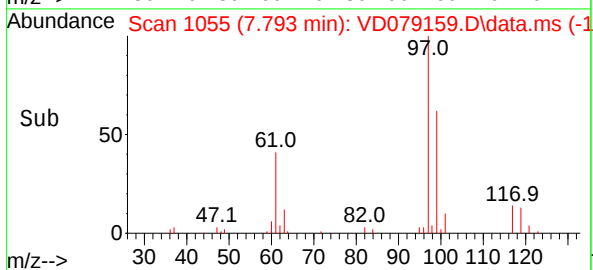
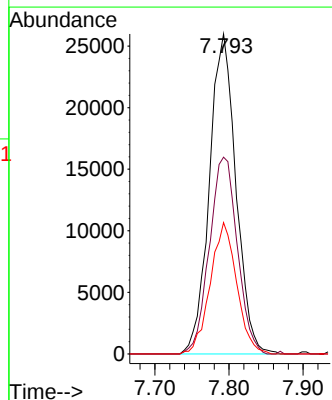
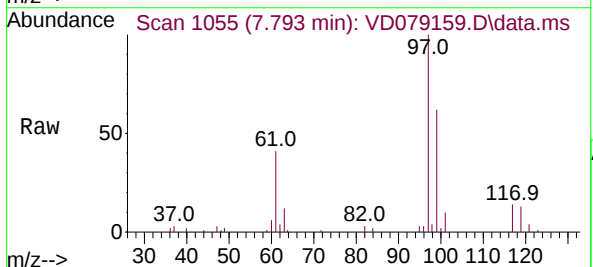


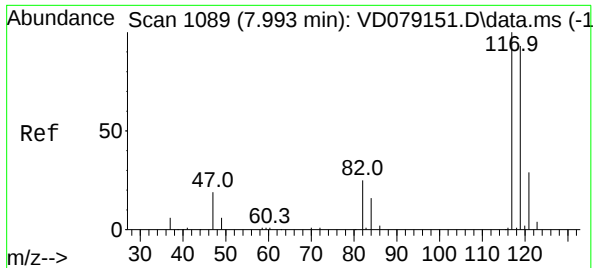
Tgt Ion: 56	Resp:	30100
Ion Ratio	Lower	Upper
56	100	
69	32.1	26.6 40.0
84	106.2	87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 41.089 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 97	Resp:	64800
Ion Ratio	Lower	Upper
97	100	
99	64.7	52.3 78.5
61	40.8	31.7 47.5

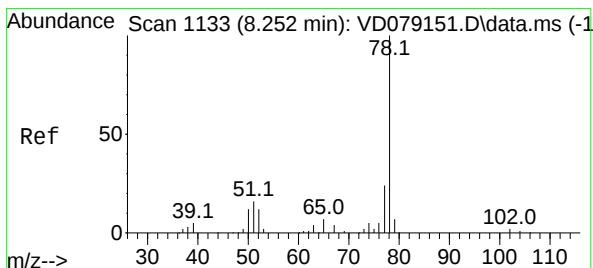
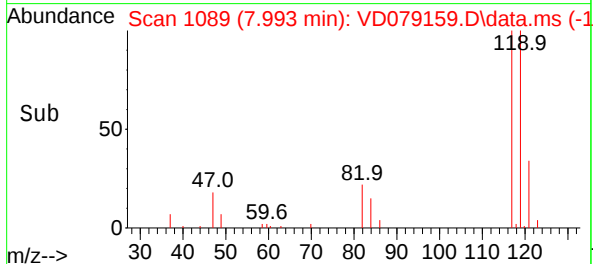
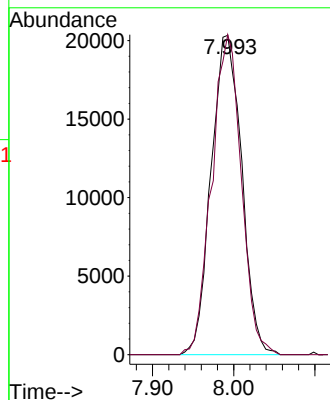
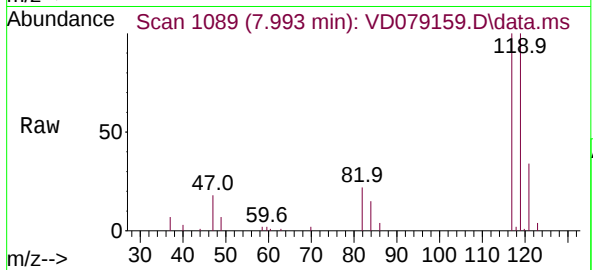




#31
Carbon tetrachloride
Concen: 36.298 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

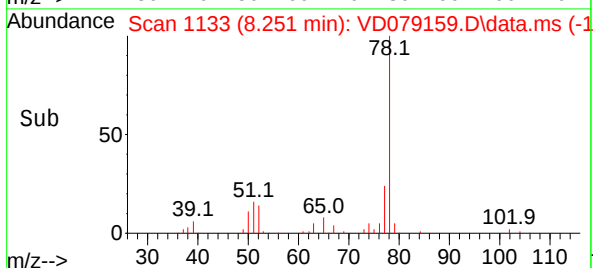
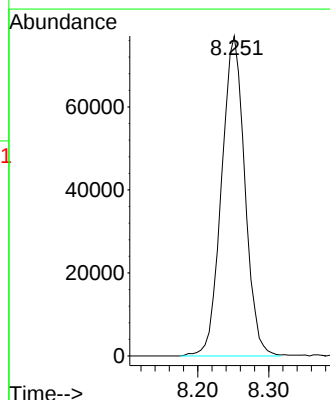
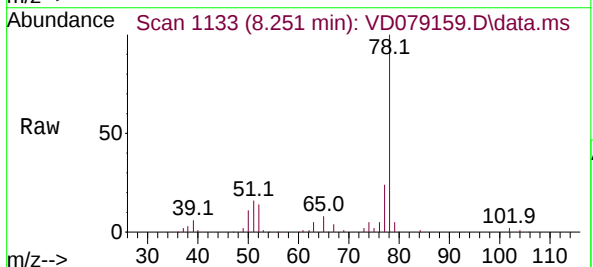
Instrument :
MSVOA_D
ClientSampleId :

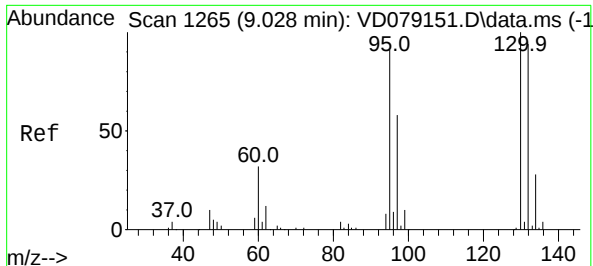
Tgt Ion:117 Resp: 53196
Ion Ratio Lower Upper
117 100
119 97.2 79.6 119.4



#33
Benzene
Concen: 44.144 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 78 Resp: 175137





#34

Trichloroethene

Concen: 35.299 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 36070

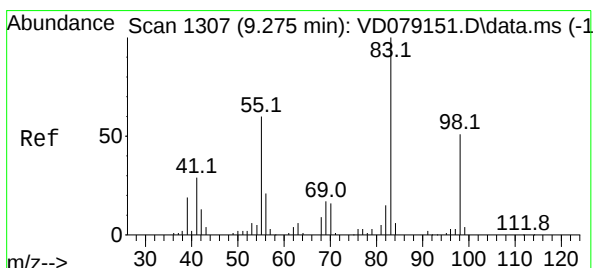
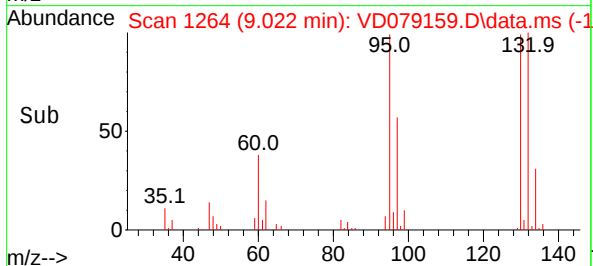
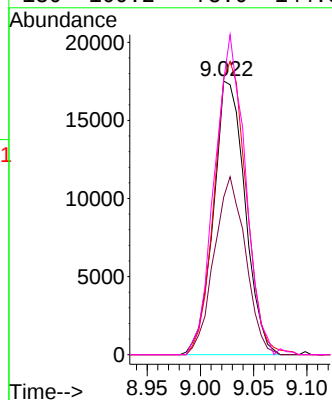
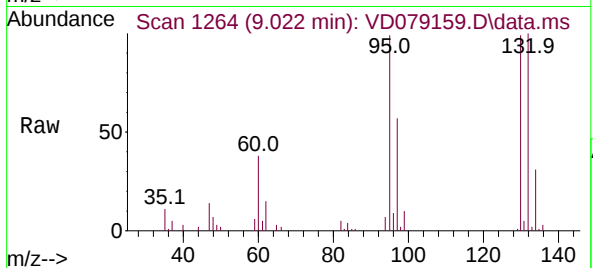
Ion Ratio Lower Upper

95 100

97 57.6 44.6 82.8

132 101.1 74.9 139.1

130 100.2 78.0 144.8



#35

Methylcyclohexane

Concen: 16.515 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

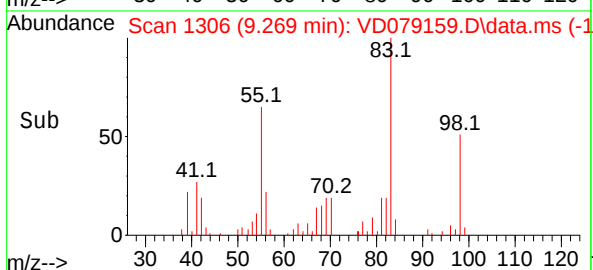
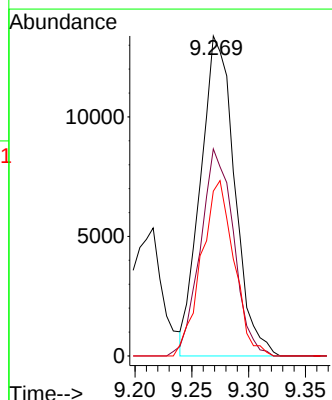
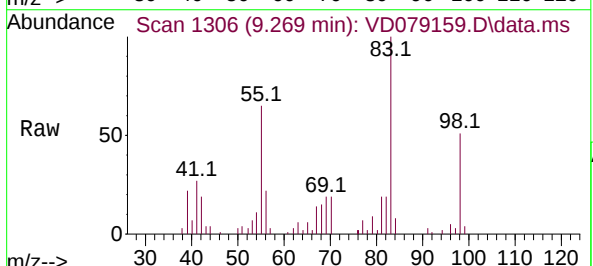
Tgt Ion: 83 Resp: 27963

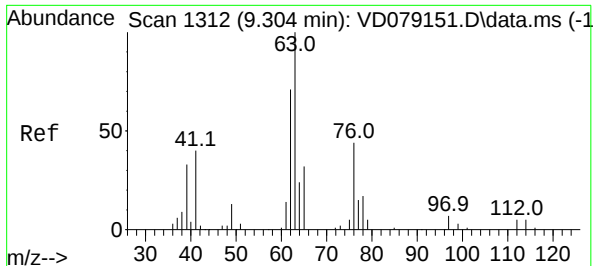
Ion Ratio Lower Upper

83 100

55 62.9 48.6 72.8

98 52.3 40.2 60.2





#37

1,2-Dichloropropane

Concen: 43.283 ug/L

RT: 9.298 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

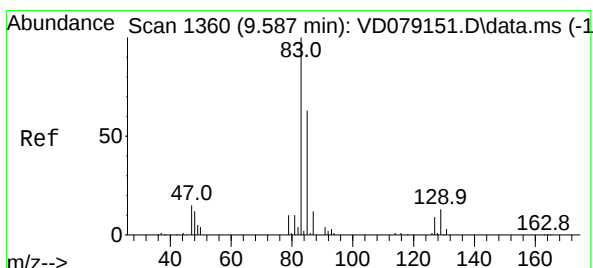
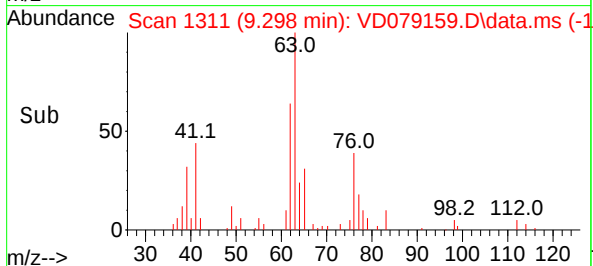
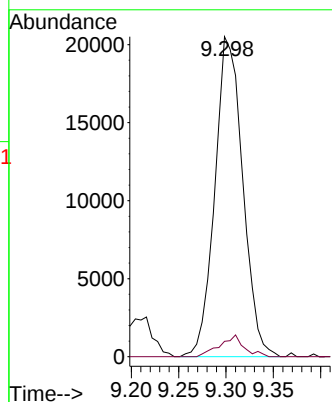
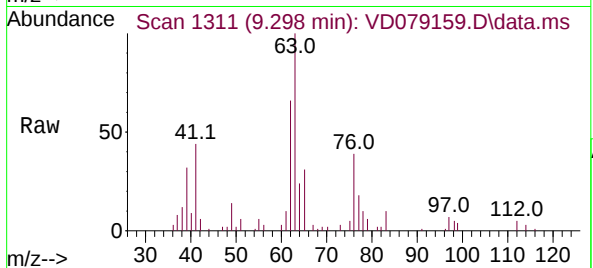
ClientSampleId :

Tgt Ion: 63 Resp: 42062

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9



#38

Bromodichloromethane

Concen: 40.616 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

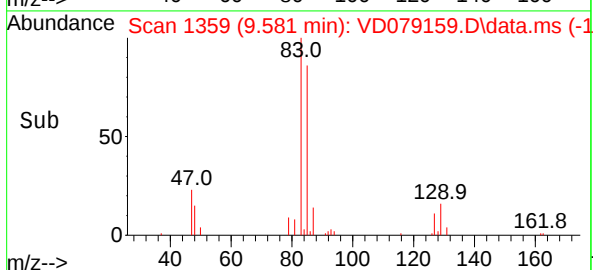
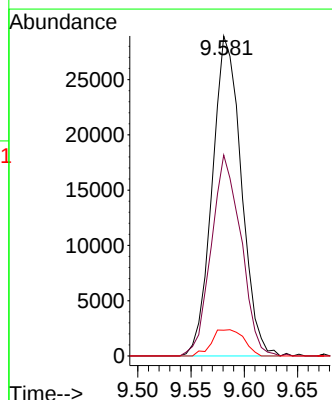
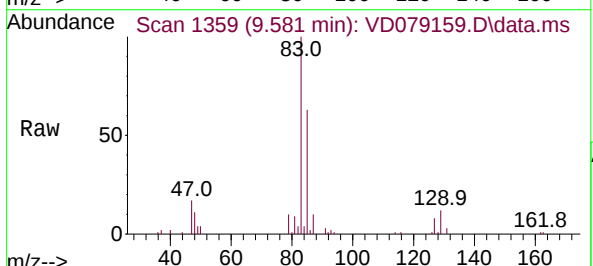
Tgt Ion: 83 Resp: 54869

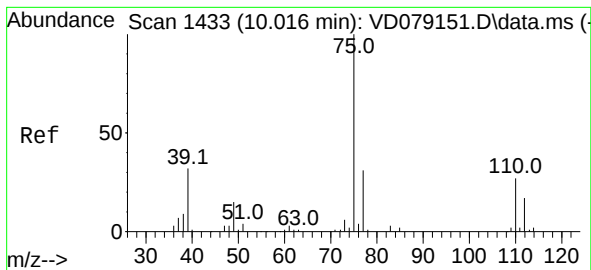
Ion Ratio Lower Upper

83 100

85 62.8 46.5 86.5

127 8.0 7.0 10.6

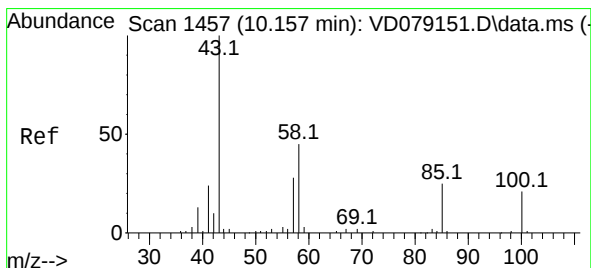
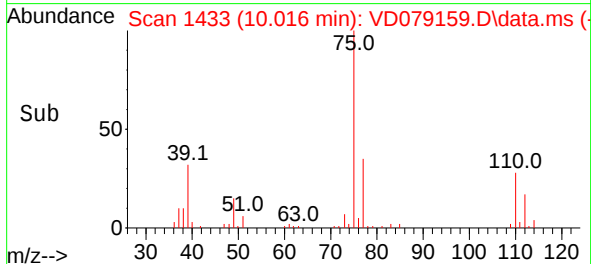
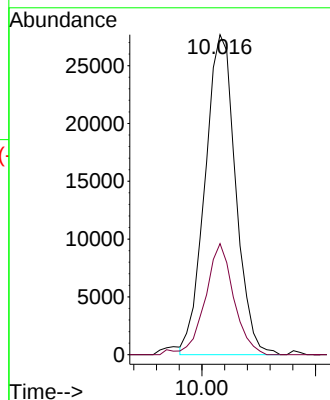
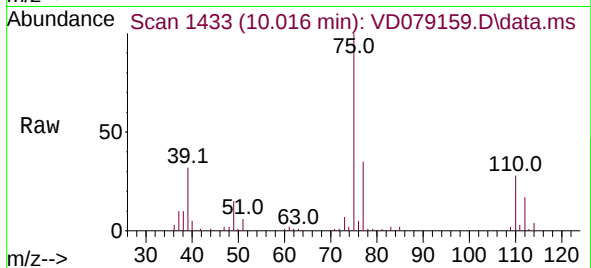




#39
cis-1,3-Dichloropropene
Concen: 34.153 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

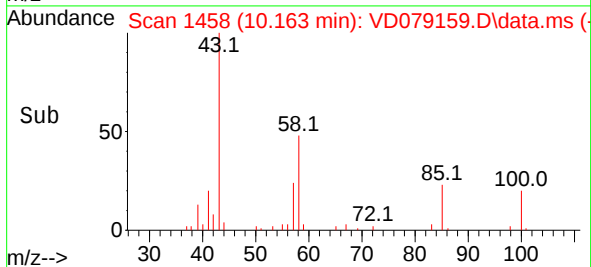
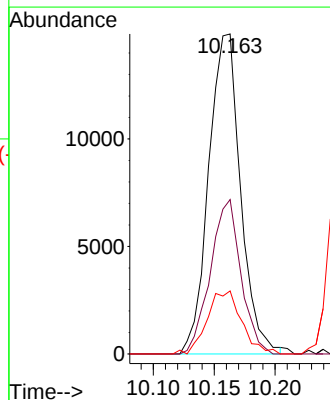
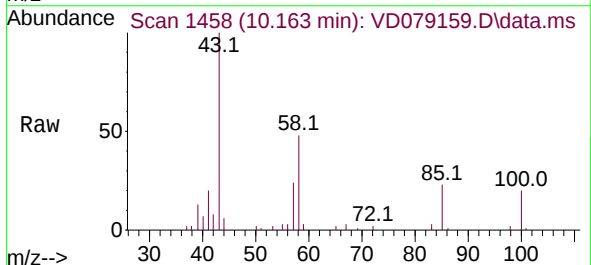
Instrument :
MSVOA_D
ClientSampleId :

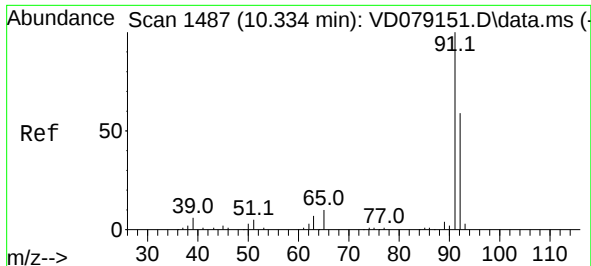
Tgt Ion: 75 Resp: 51810
Ion Ratio Lower Upper
75 100
77 34.7 23.4 43.4



#40
4-Methyl-2-pentanone
Concen: 66.895 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 43 Resp: 27137
Ion Ratio Lower Upper
43 100
58 46.2 34.0 51.0
100 21.0 16.9 25.3

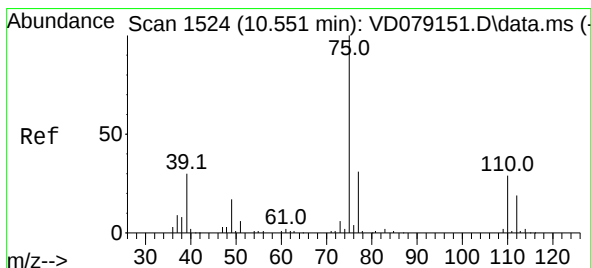
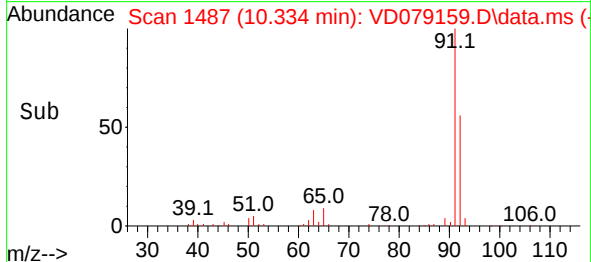
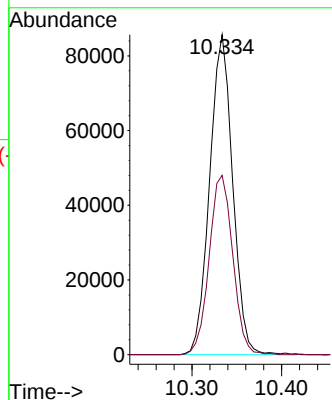
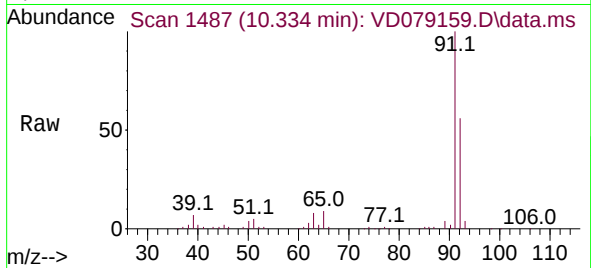




#42
Toluene
Concen: 34.619 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

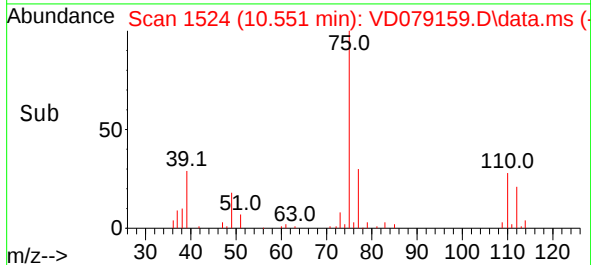
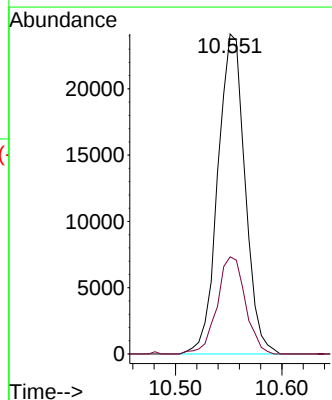
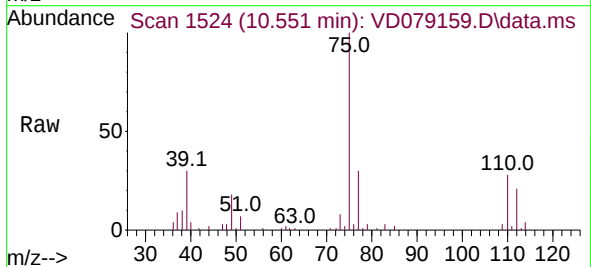
Instrument :
MSVOA_D
ClientSampleId :

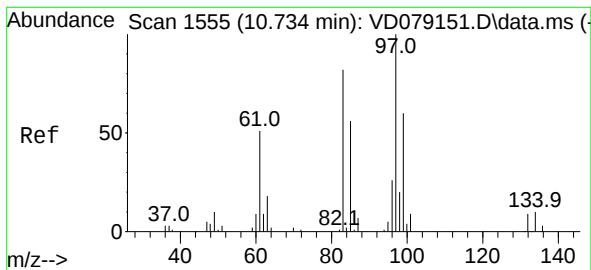
Tgt Ion: 91 Resp: 152513
Ion Ratio Lower Upper
91 100
92 56.1 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 33.335 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
77 30.3 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 36.718 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

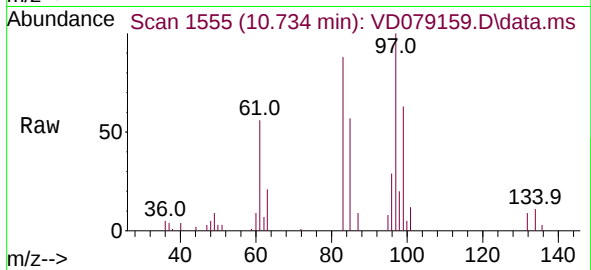
Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 31304

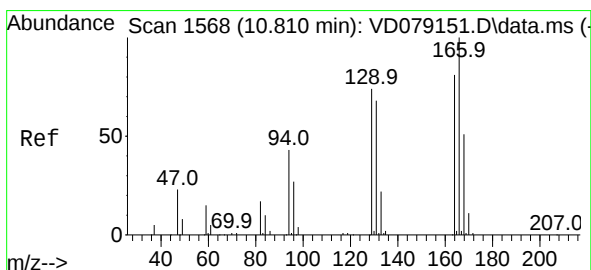
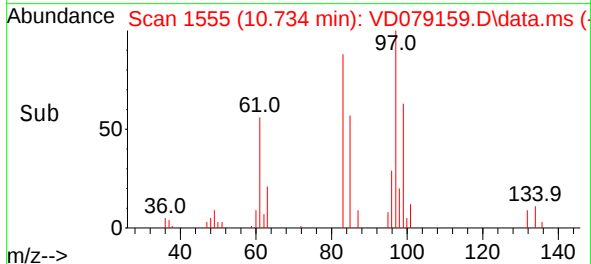
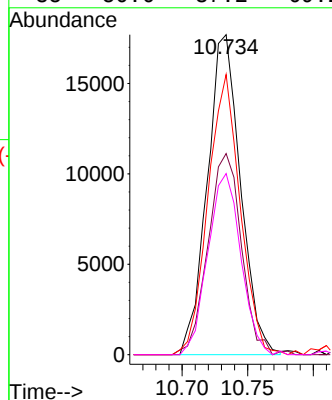
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 87.6 58.9 109.5

85 56.6 37.2 69.2



#46

Tetrachloroethene

Concen: 24.805 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Tgt Ion: 164 Resp: 22318

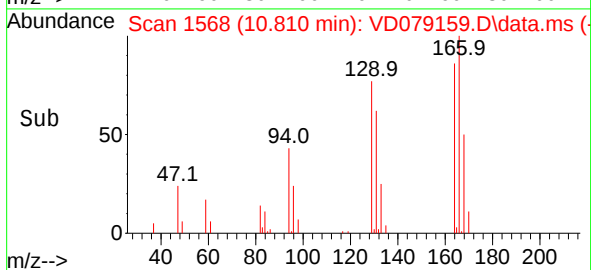
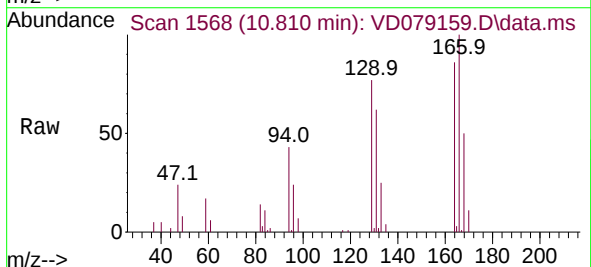
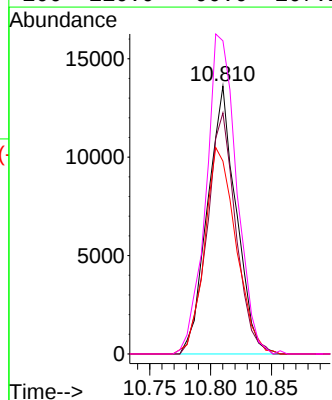
Ion Ratio Lower Upper

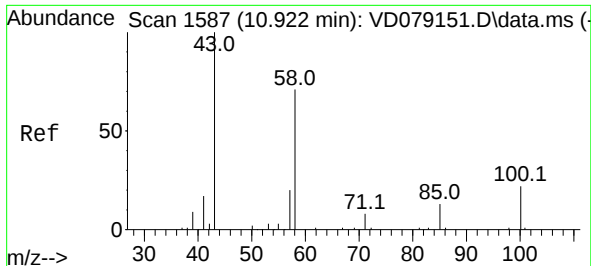
164 100

129 90.0 64.3 119.5

131 72.0 61.2 113.8

166 116.9 90.0 167.2

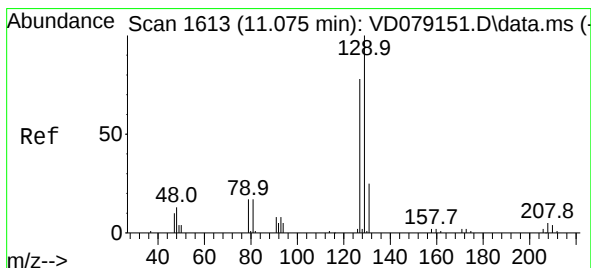
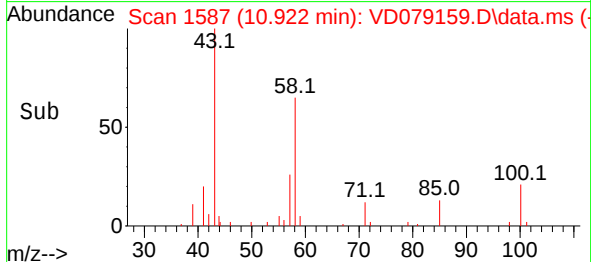
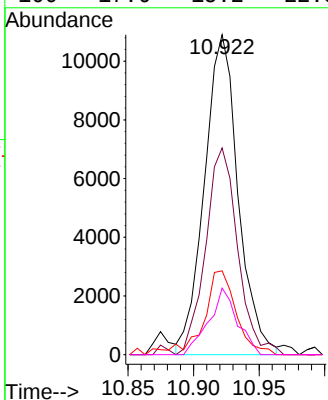
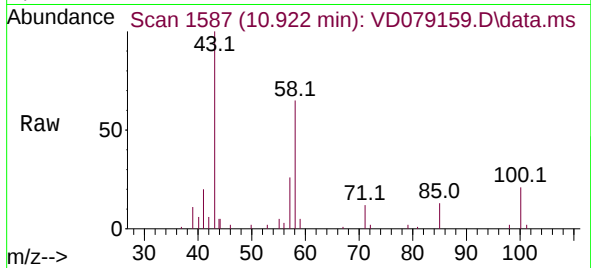




#48
2-Hexanone
Concen: 55.525 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

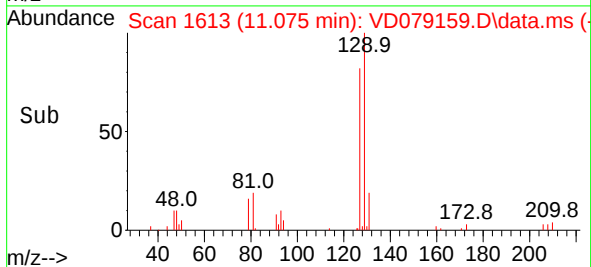
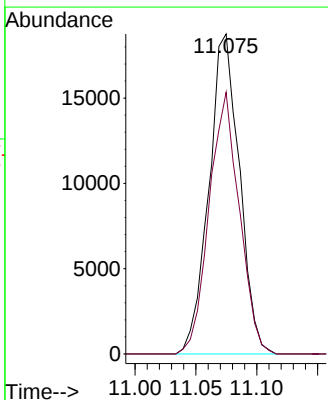
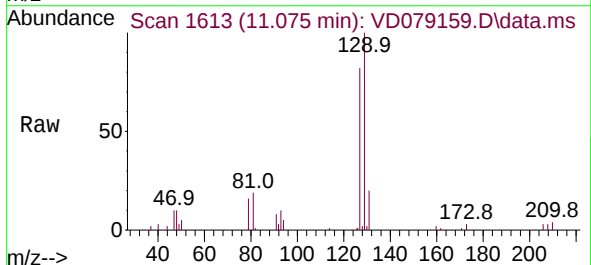
Instrument :
MSVOA_D
ClientSampleId :

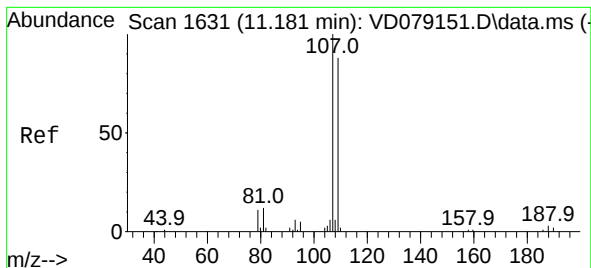
Tgt Ion: 43	Resp: 19491
Ion Ratio	Lower Upper
43 100	
58 60.2	50.1 75.1
57 23.7	16.5 24.7
100 17.6	15.2 22.8



#49
Dibromochloromethane
Concen: 32.435 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:129	Resp:	32746	
Ion	Ratio	Lower	Upper
129	100		
127	81.8	56.4	104.7





#50

1,2-Dibromoethane

Concen: 34.822 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079159.D

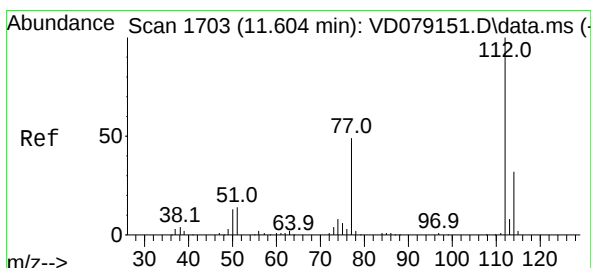
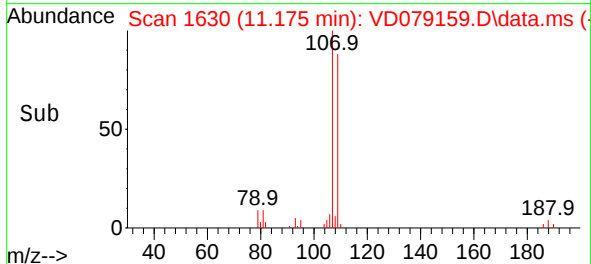
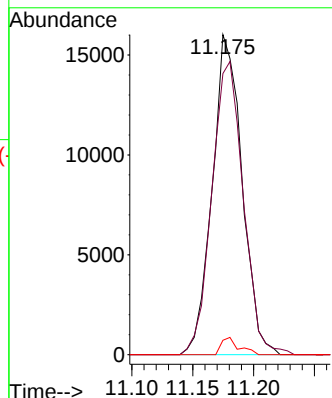
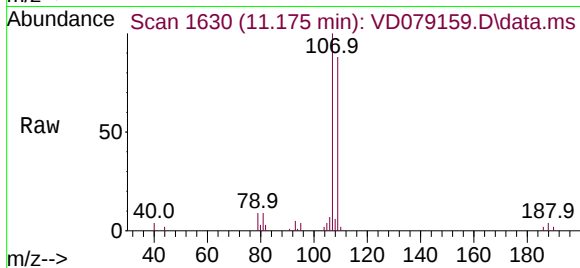
Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	27284
Ion Ratio	Lower	Upper
107	100	
109	87.8	64.5 119.7
188	4.5	2.6 3.8#



#51

Chlorobenzene

Concen: 25.032 ug/L

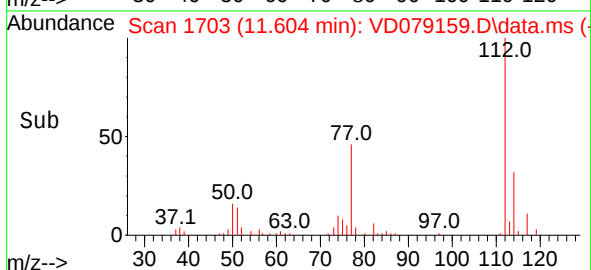
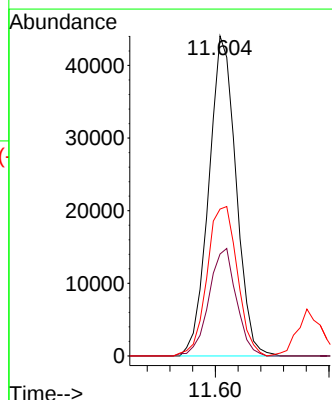
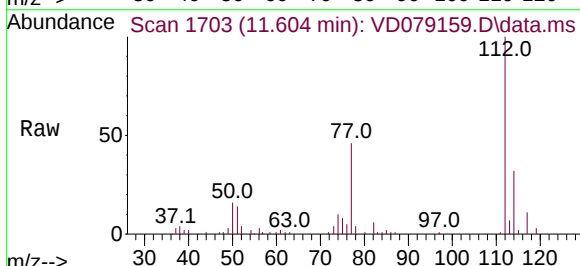
RT: 11.604 min Scan# 1703

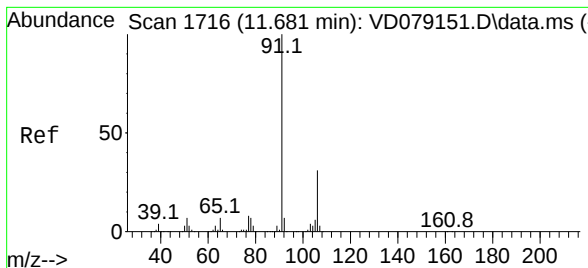
Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Tgt Ion:112	Resp:	73376
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.7 42.3
77	45.9	38.4 57.6

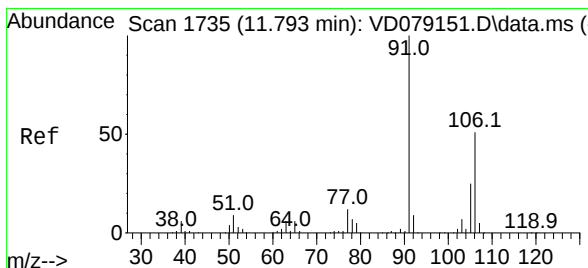
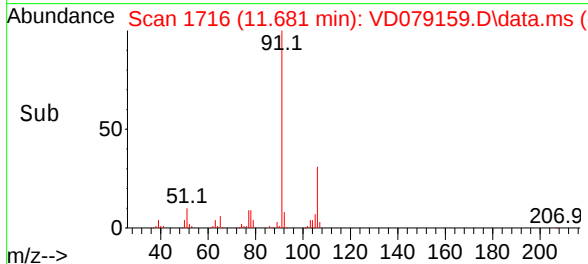
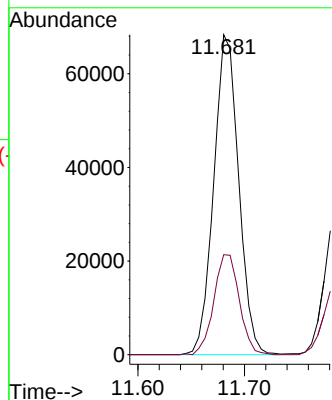
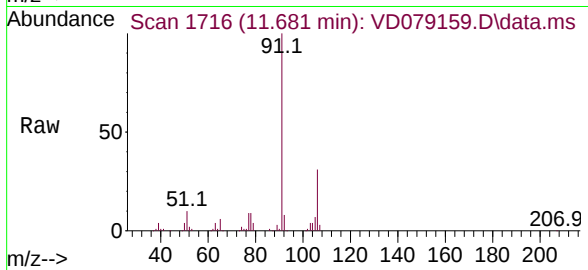




#52
Ethylbenzene
Concen: 24.200 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

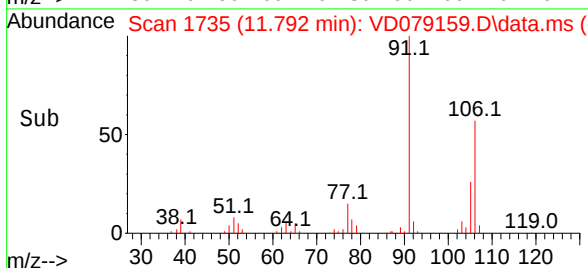
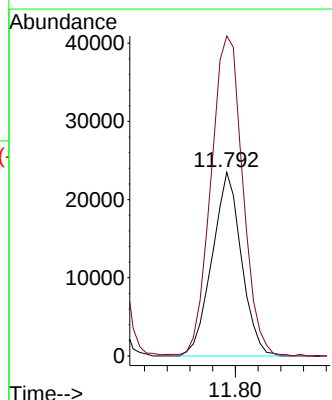
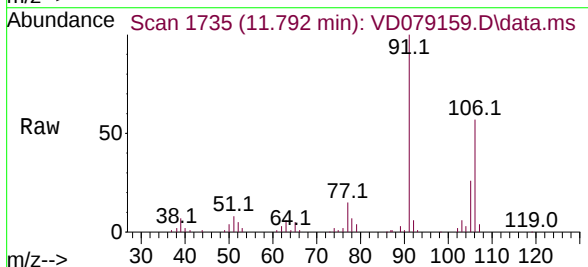
Instrument :
MSVOA_D
ClientSampleId :

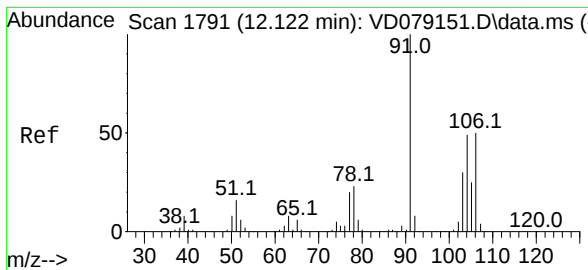
Tgt Ion: 91 Resp: 111208
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-Xylene
Concen: 23.373 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:106 Resp: 42140
Ion Ratio Lower Upper
106 100
91 174.2 133.1 247.1

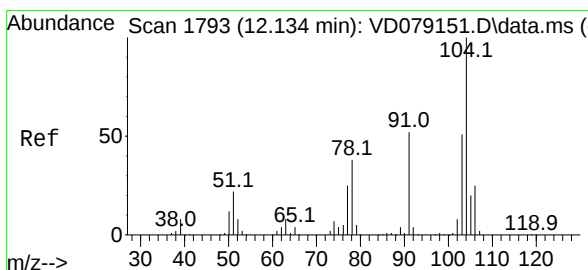
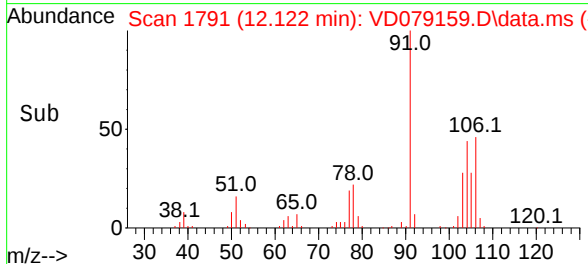
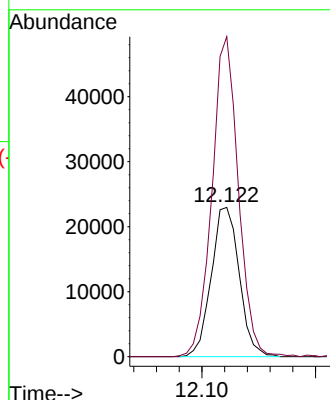
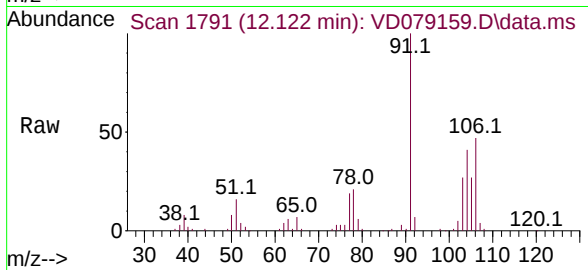




#54
o-Xylene
Concen: 22.560 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

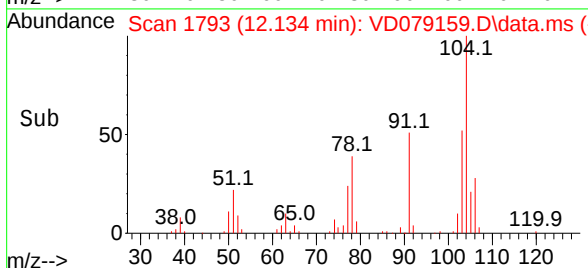
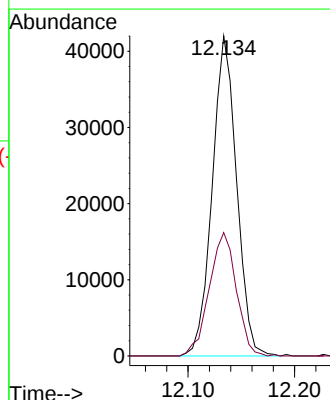
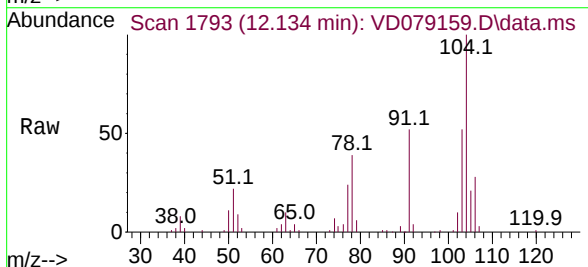
Instrument :
MSVOA_D
ClientSampleId :

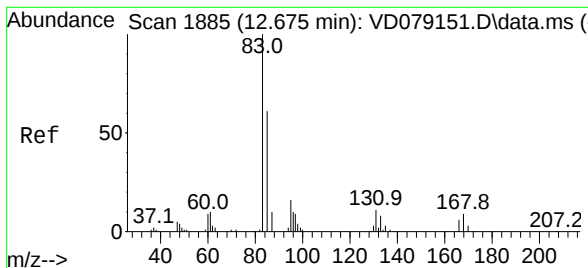
Tgt Ion:106 Resp: 39297
Ion Ratio Lower Upper
106 100
91 214.4 132.9 246.9



#55
Styrene
Concen: 21.591 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:104 Resp: 66686
Ion Ratio Lower Upper
104 100
78 38.6 27.8 51.6

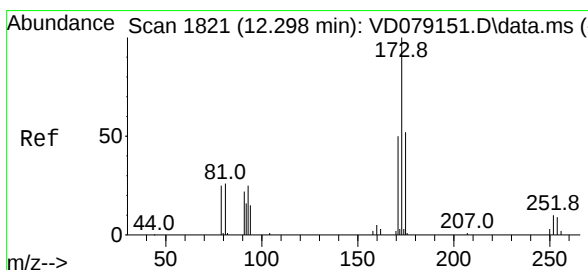
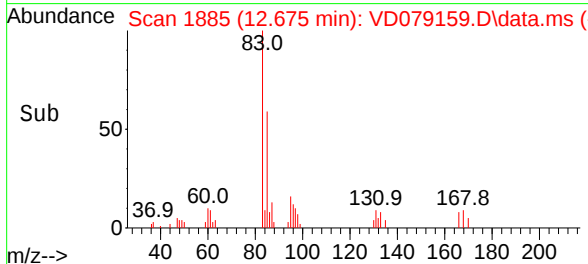
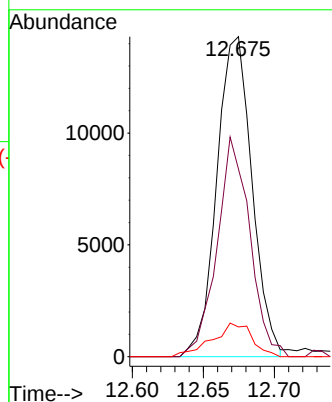
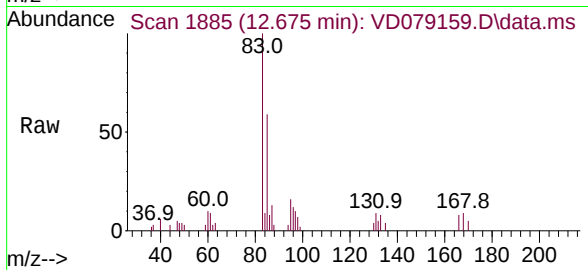




#57
1,1,2,2-Tetrachloroethane
Concen: 25.902 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

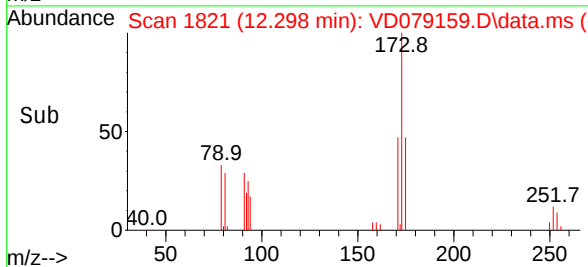
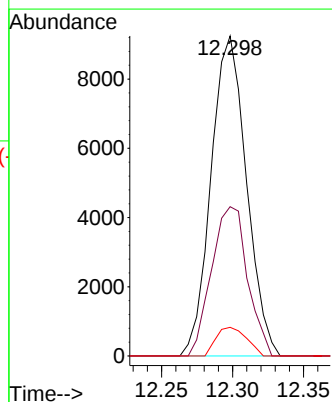
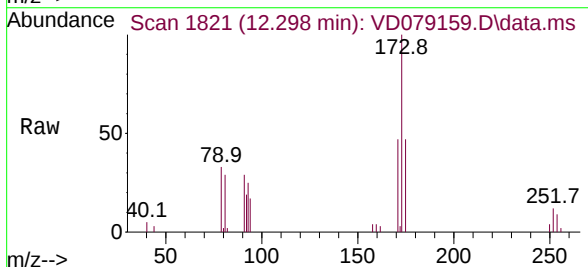
Instrument :
MSVOA_D
ClientSampleId :

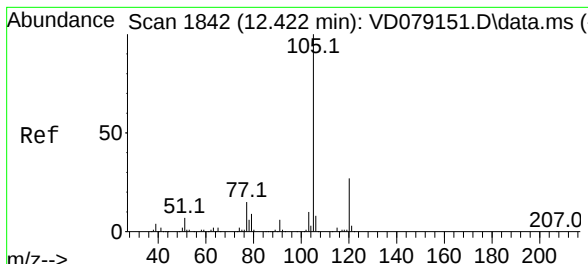
Tgt Ion: 83 Resp: 24719
Ion Ratio Lower Upper
83 100
85 58.6 47.5 88.1
131 9.3 8.6 13.0



#59
Bromoform
Concen: 50.957 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:173 Resp: 16016
Ion Ratio Lower Upper
173 100
175 47.4 38.2 57.4
254 7.7 7.0 10.6

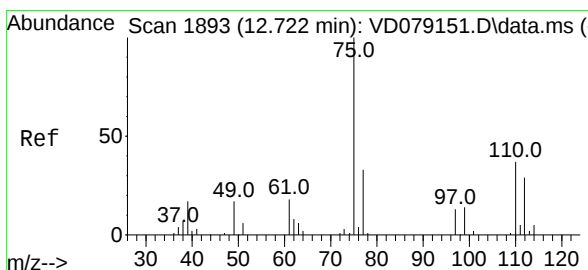
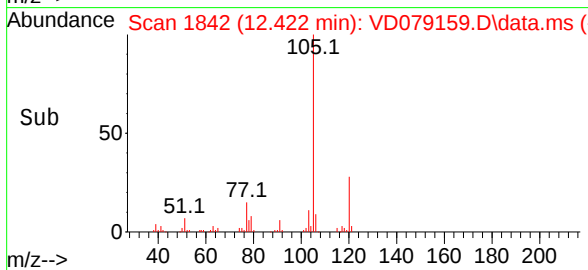
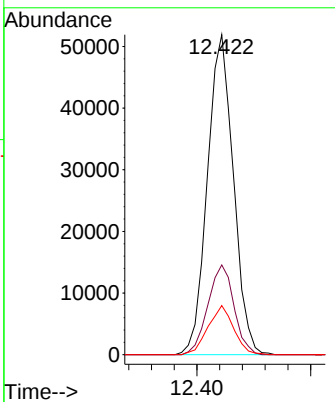
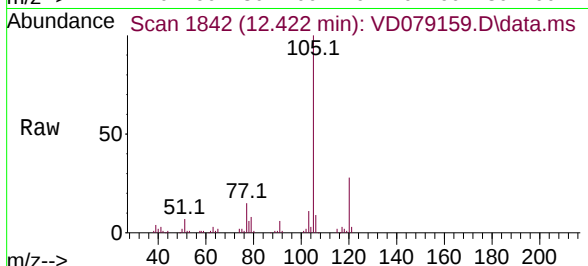




#60
 Isopropylbenzene
 Concen: 36.408 ug/L
 RT: 12.422 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

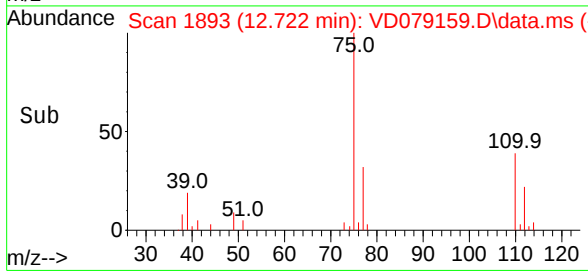
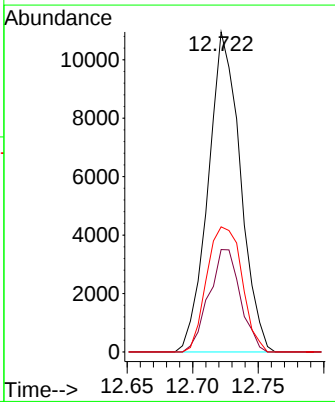
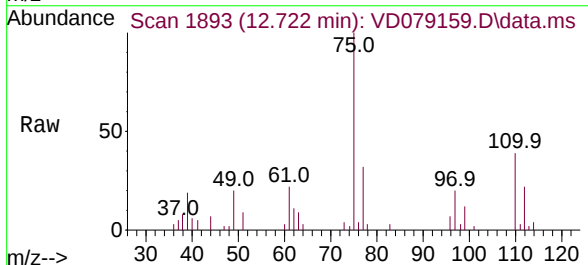
Instrument :
 MSVOA_D
 ClientSampleId :

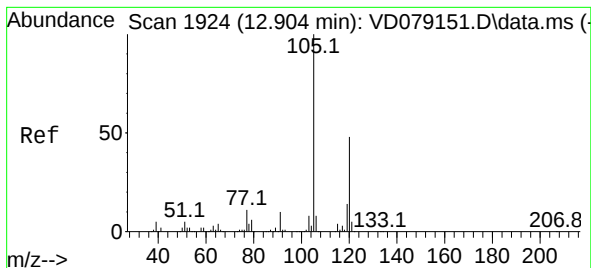
Tgt Ion:	105	Resp:	82558
Ion Ratio	Lower	Upper	
105	100		
120	28.1	21.9	32.9
77	15.1	10.9	16.3



#61
 1,2,3-Trichloropropane
 Concen: 61.721 ug/L
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion:	75	Resp:	18687
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.9	38.9
110	42.8	34.2	51.4

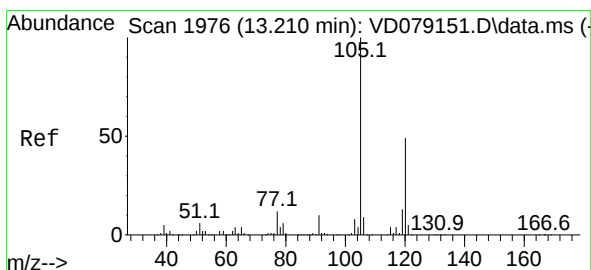
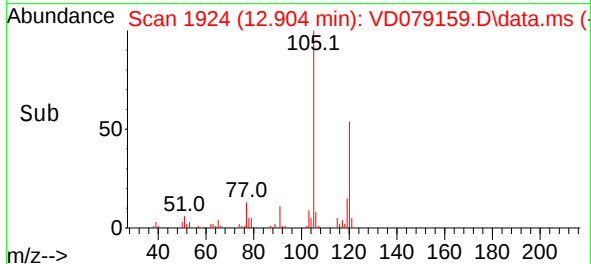
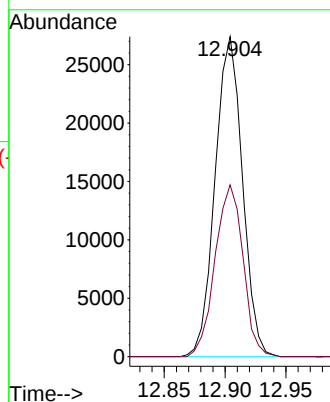
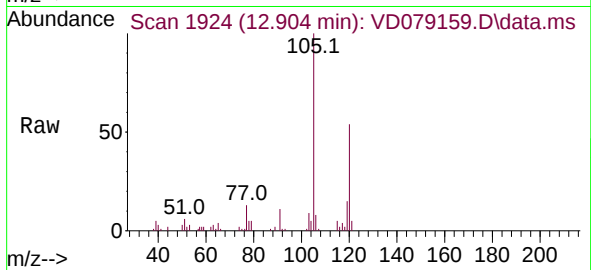




#62
1,3,5-Trimethylbenzene
Concen: 27.651 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

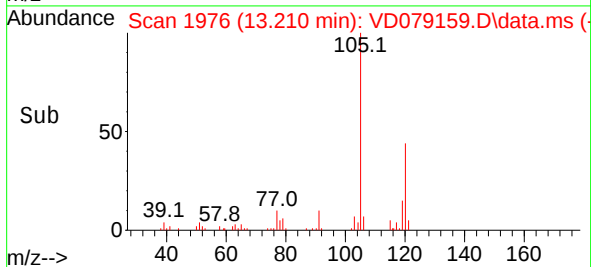
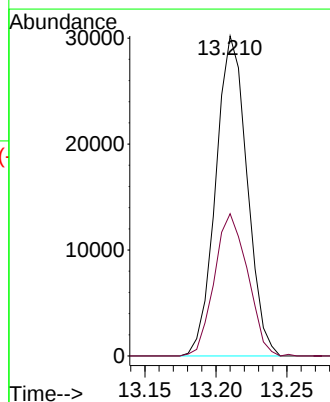
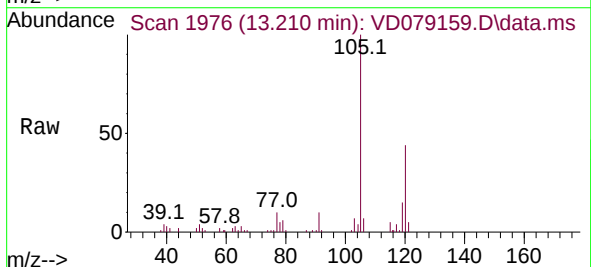
Instrument :
MSVOA_D
ClientSampleId :

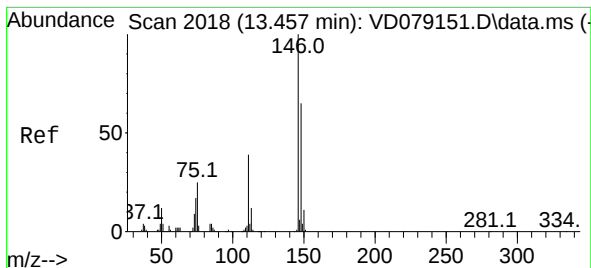
Tgt Ion:105 Resp: 42870
Ion Ratio Lower Upper
105 100
120 54.8 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 27.956 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:105 Resp: 46359
Ion Ratio Lower Upper
105 100
120 47.0 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 26.377 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

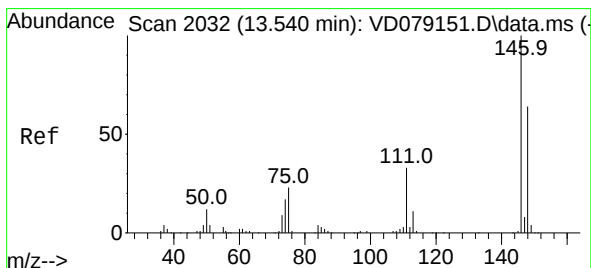
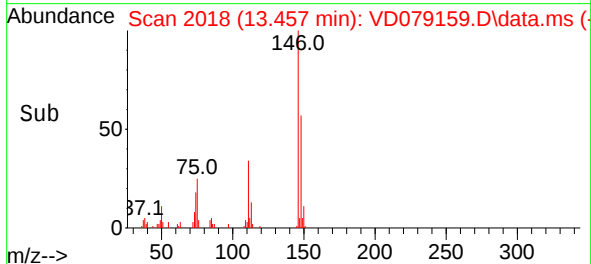
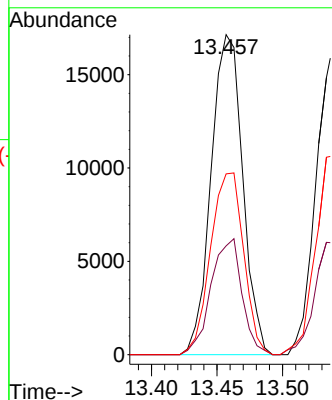
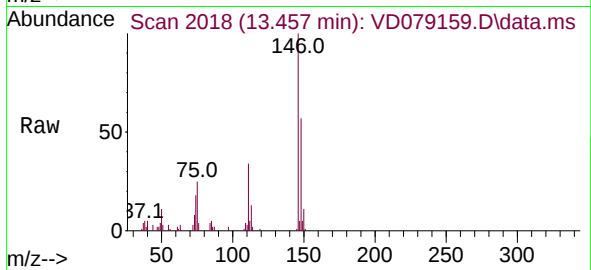
Tgt Ion:146 Resp: 28733

Ion Ratio Lower Upper

146 100

111 34.0 24.4 45.4

148 56.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 23.465 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

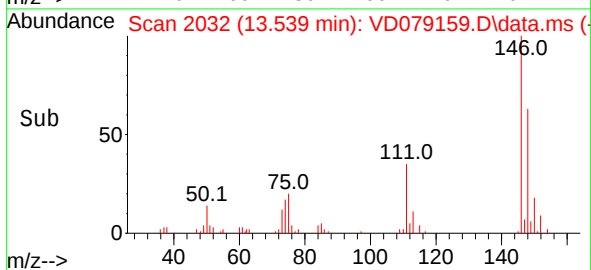
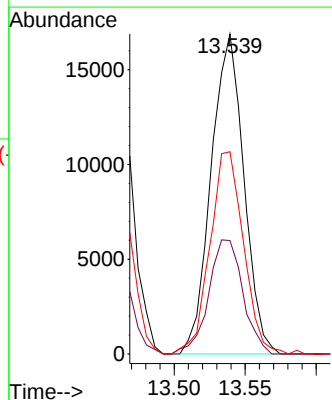
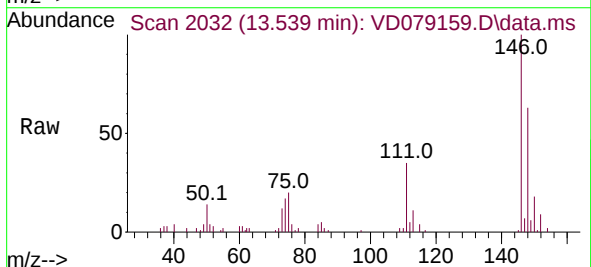
Tgt Ion:146 Resp: 27084

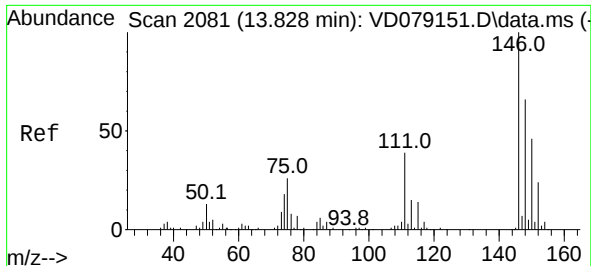
Ion Ratio Lower Upper

146 100

111 35.5 26.3 48.9

148 63.2 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 23.079 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

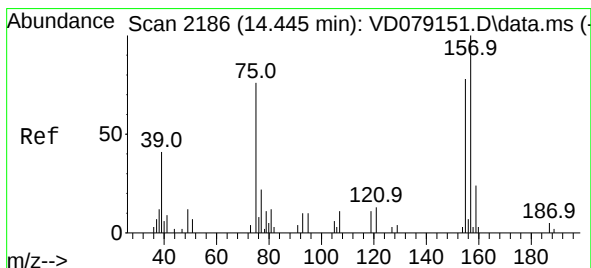
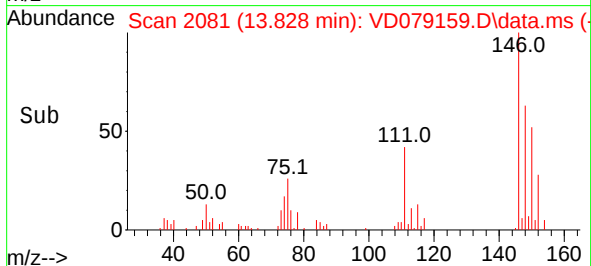
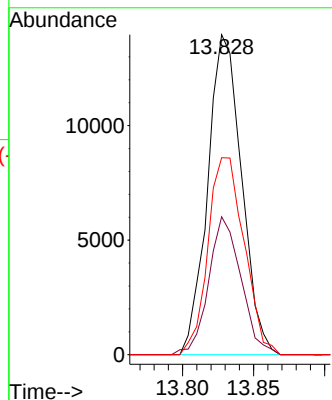
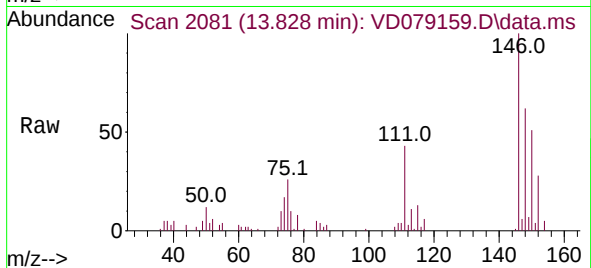
Tgt Ion:146 Resp: 23241

Ion Ratio Lower Upper

146 100

111 43.1 29.1 43.7

148 61.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 38.207 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

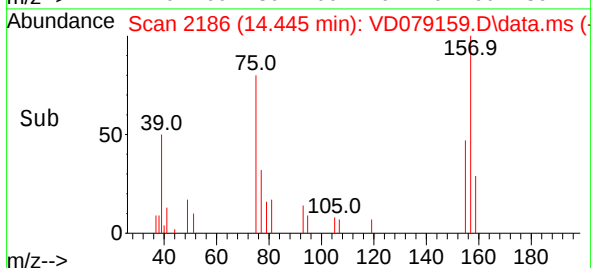
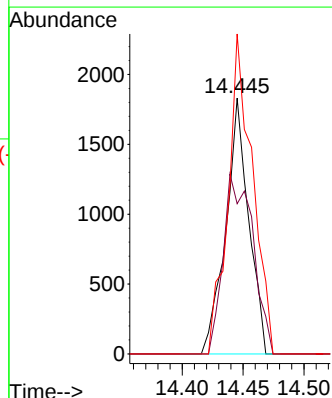
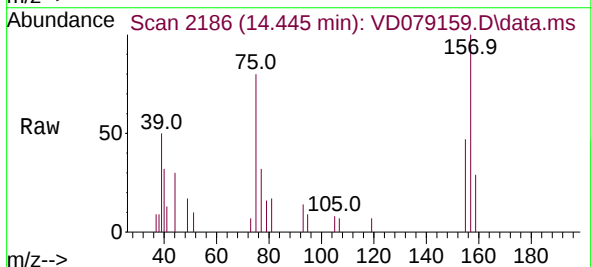
Tgt Ion: 75 Resp: 2378

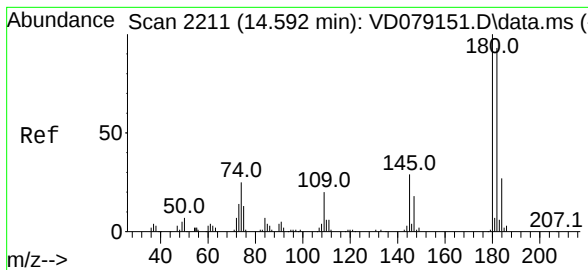
Ion Ratio Lower Upper

75 100

155 58.7 68.1 102.1#

157 125.1 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 13.149 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

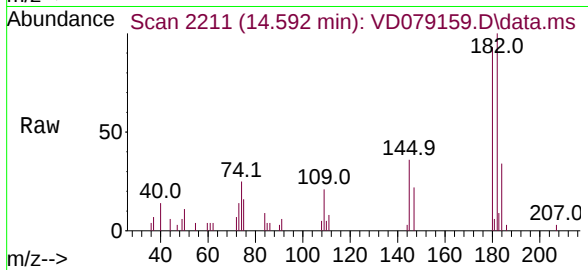
Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 9034

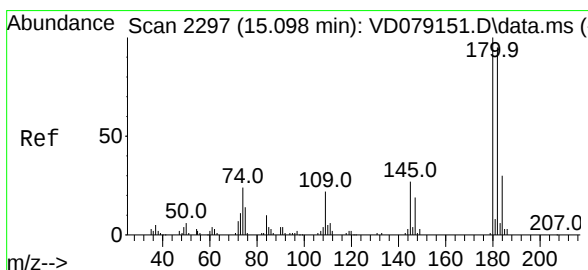
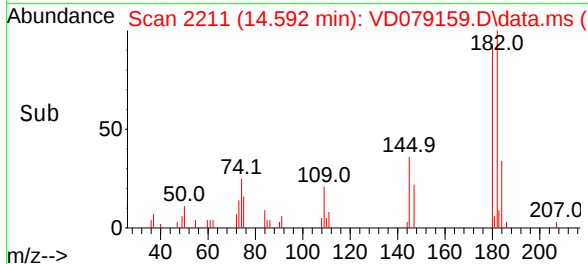
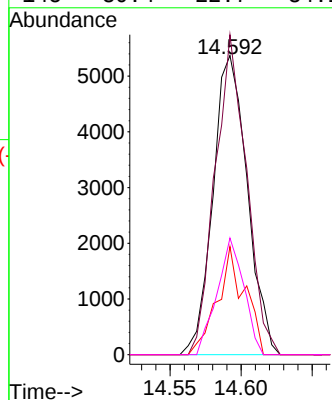
Ion Ratio Lower Upper

180 100

182 97.5 76.9 115.3

184 21.3 23.3 34.9#

145 30.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 9.779 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

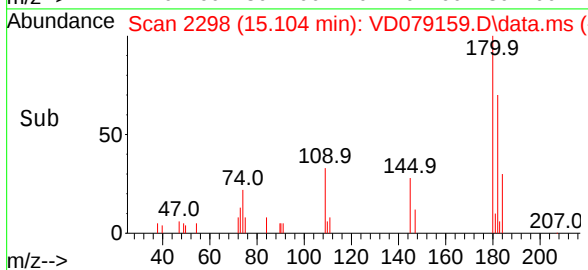
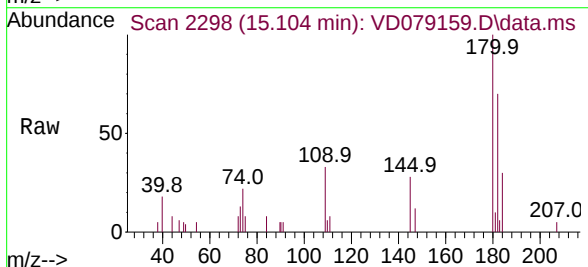
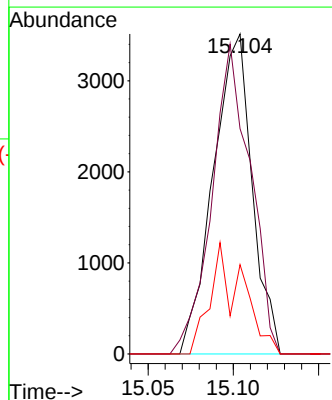
Tgt Ion:180 Resp: 5580

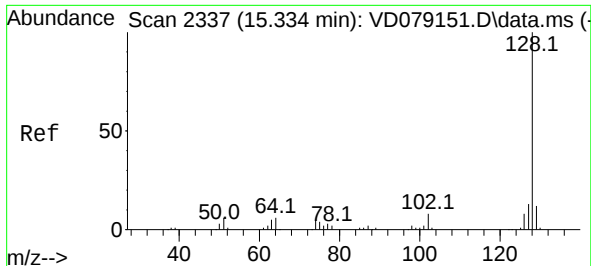
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.6

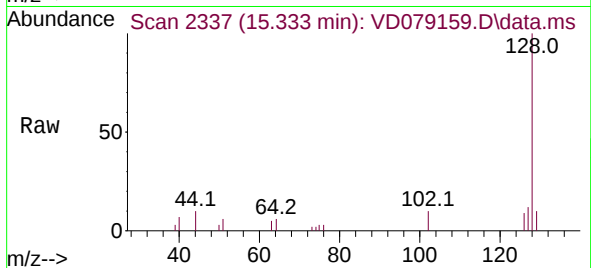
145 12.6 22.3 33.5#



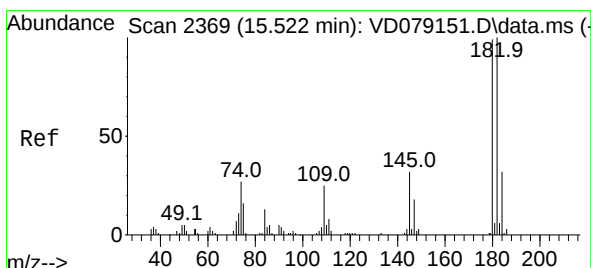
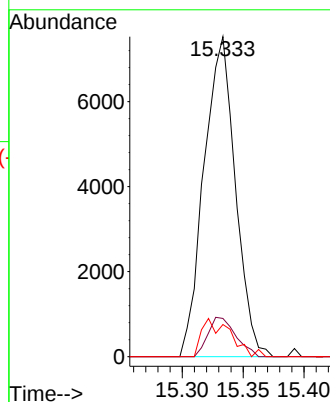
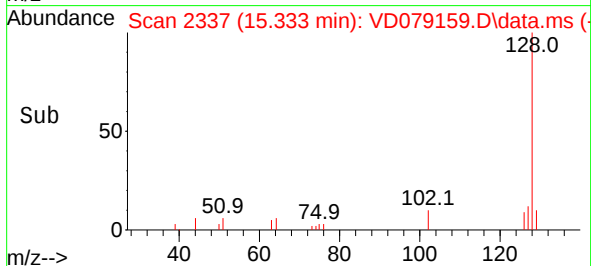


#71
Naphthalene
Concen: 12.668 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

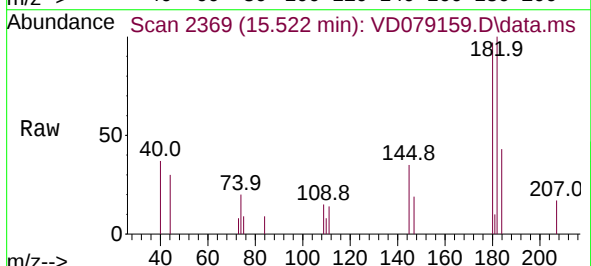
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 13518
Ion Ratio Lower Upper
128 100
127 10.8 10.8 16.2
129 5.0 8.5 12.7#



#72
1,2,3-Trichlorobenzene
Concen: 8.719 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26



Tgt Ion:180 Resp: 4300
Ion Ratio Lower Upper
180 100
182 92.7 79.4 119.2
145 28.9 24.7 37.1

