

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079161.D
 Acq On : 10 Jun 2024 16:20
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:49:44 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	8.781	114	195504	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	193910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	101905	16.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.799	69	100866	17.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.360%
11) 1,1-Dichloroethene-d2	3.910	65	18420	17.247	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.000%
21) 2-Butanone-d5	6.987	46	25689	55.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.660%
24) Chloroform-d	7.569	84	115124	21.060	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	8.228	65	56530	22.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.198	84	226783	21.097	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	9.210	67	64499	20.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.320%
41) Toluene-d8	10.269	98	204456	20.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.240%
43) trans-1,3-Dichloroprop...	10.522	79	29354	22.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.200%
47) 2-Hexanone-d5	10.875	63	22725	56.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.540%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68753	25.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	73537	21.208	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	55212	17.840	ug/L	100
3) Chloromethane	2.146	50	100255	24.305	ug/L	98
5) Vinyl chloride	2.281	62	141346	20.761	ug/L	98
6) Bromomethane	2.693	94	103895	19.767	ug/L	96
8) Chloroethane	2.834	64	97921	19.623	ug/L	95
9) Trichlorofluoromethane	3.175	101	100716	19.419	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	63461	20.406	ug/L	97
12) 1,1-Dichloroethene	3.940	96	55902	20.647	ug/L	90
13) Acetone	4.028	43	35834	53.789	ug/L	68
14) Carbon disulfide	4.269	76	184365	19.520	ug/L	100
15) Methyl Acetate	4.563	43	24092	26.542	ug/L	100
16) Methylene chloride	4.804	84	83329	23.921	ug/L	91
17) trans-1,2-Dichloroethene	5.310	96	63438	21.681	ug/L	87
18) Methyl tert-butyl Ether	5.316	73	130682	25.182	ug/L #	84
19) 1,1-Dichloroethane	6.116	63	108059	22.938	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	71649	23.517	ug/L	90
22) 2-Butanone	7.075	43	36859	52.667	ug/L	94
23) Bromochloromethane	7.428	128	36722	23.773	ug/L #	94
25) Chloroform	7.598	83	120618	22.551	ug/L	95

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 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

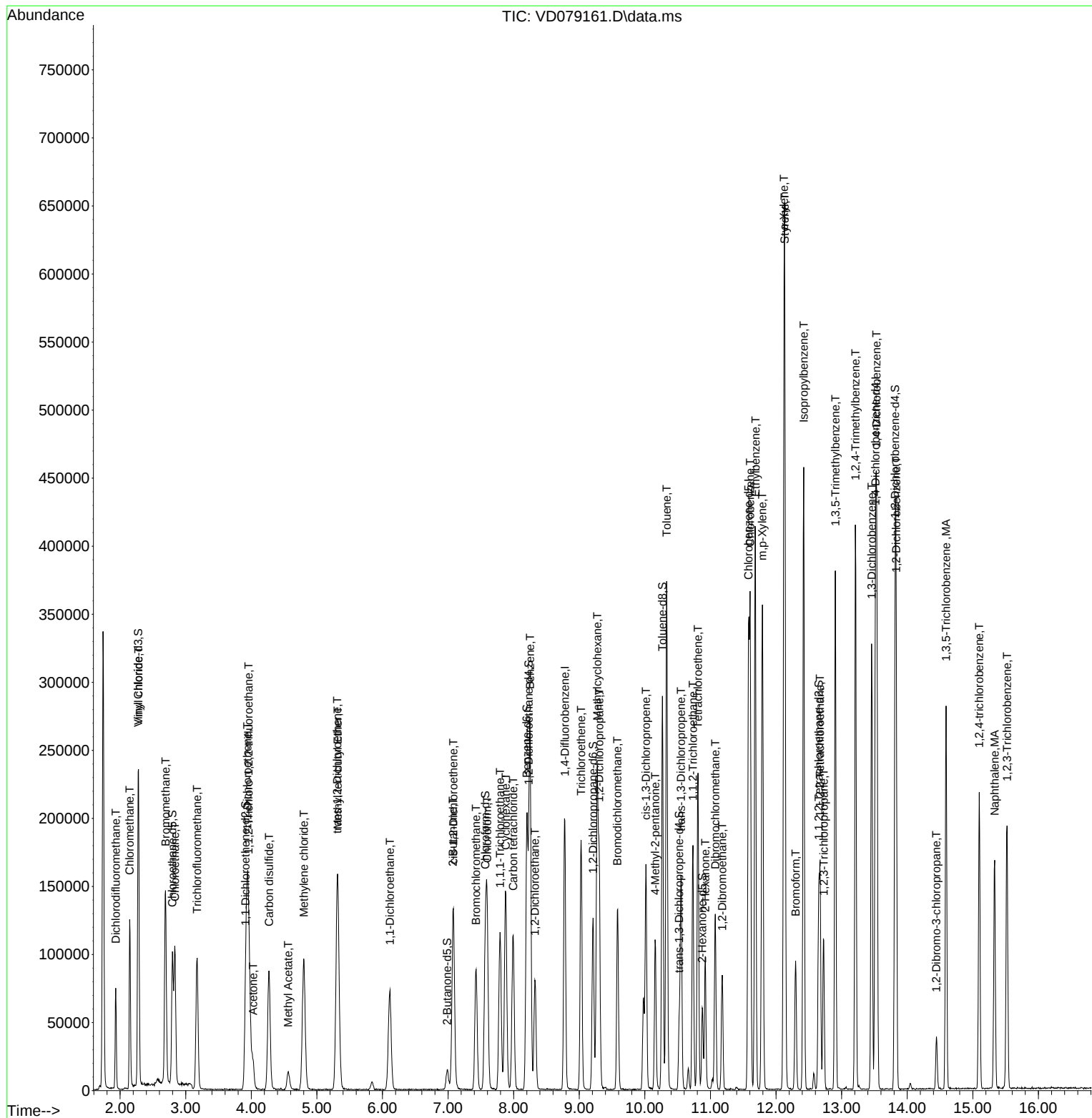
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	73380	23.634	ug/L	100
29) Cyclohexane	7.881	56	74474	21.287	ug/L	99
30) 1,1,1-Trichloroethane	7.792	97	99242	21.617	ug/L	99
31) Carbon tetrachloride	7.992	117	90906	21.308	ug/L	97
33) Benzene	8.251	78	267900	23.196	ug/L	100
34) Trichloroethene	9.028	95	66239	22.268	ug/L	99
35) Methylcyclohexane	9.275	83	100772	20.445	ug/L	99
37) 1,2-Dichloropropane	9.304	63	67846	23.983	ug/L	100
38) Bromodichloromethane	9.581	83	92162	23.435	ug/L	92
39) cis-1,3-Dichloropropene	10.016	75	101192	22.914	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	66850	56.609	ug/L	96
42) Toluene	10.333	91	294669	22.977	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	93213	24.961	ug/L	92
45) 1,1,2-Trichloroethane	10.733	97	58486	23.566	ug/L	96
46) Tetrachloroethene	10.810	164	55361	21.137	ug/L	94
48) 2-Hexanone	10.922	43	55916	54.720	ug/L	99
49) Dibromochloromethane	11.075	129	69233	23.557	ug/L	96
50) 1,2-Dibromoethane	11.180	107	56435	24.743	ug/L #	91
51) Chlorobenzene	11.604	112	192244	22.529	ug/L	96
52) Ethylbenzene	11.686	91	301662	22.550	ug/L	99
53) m,p-Xylene	11.792	106	124082	23.642	ug/L	99
54) o-Xylene	12.122	106	116126	22.901	ug/L	83
55) Styrene	12.133	104	221790	24.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	71192	25.626	ug/L	95
59) Bromoform	12.298	173	44094	23.945	ug/L	97
60) Isopropylbenzene	12.422	105	300825	22.644	ug/L	100
61) 1,2,3-Trichloropropane	12.727	75	46702	26.328	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	200591	22.083	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	225926	23.254	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	143444	22.476	ug/L	98
65) 1,4-Dichlorobenzene	13.533	146	153411	22.686	ug/L	97
67) 1,2-Dichlorobenzene	13.833	146	135360	22.943	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	9736	26.700	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	87073	21.632	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	73024	21.844	ug/L	100
71) Naphthalene	15.333	128	152515	24.395	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	70392	24.363	ug/L	98

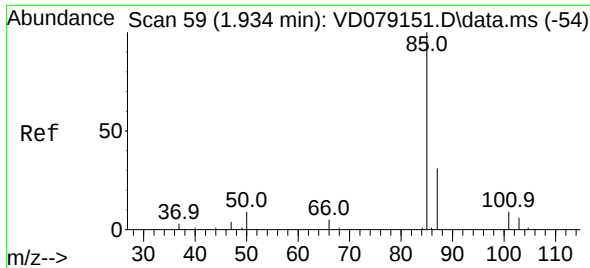
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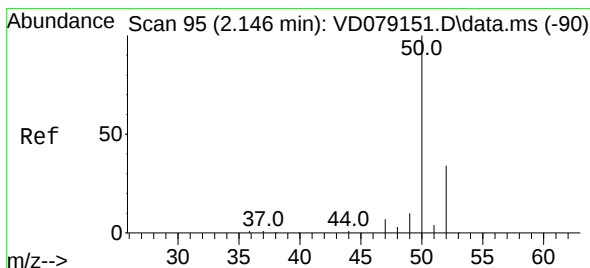
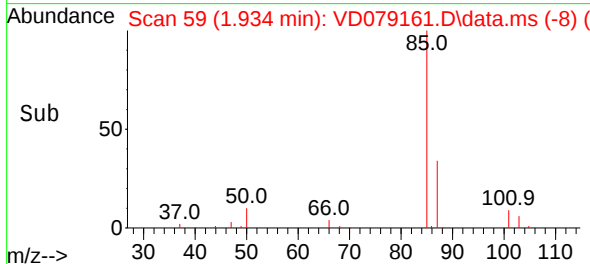
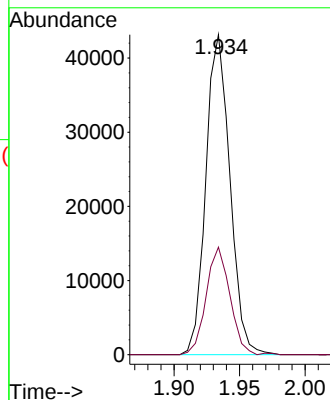
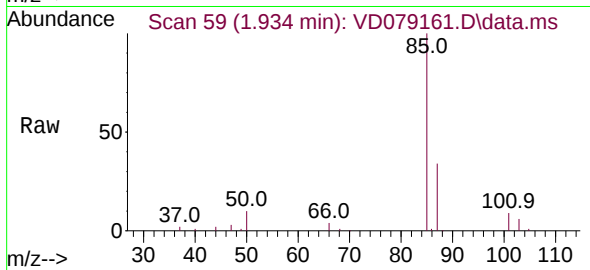




#2
 Dichlorodifluoromethane
 Concen: 17.840 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079161.D
 Acq: 10 Jun 2024 16:20

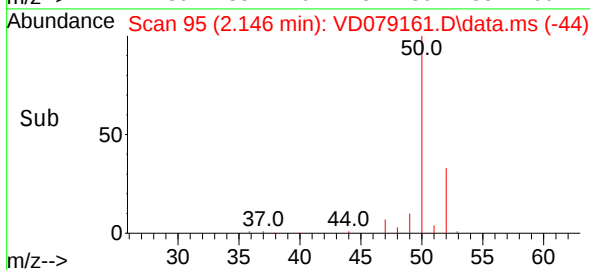
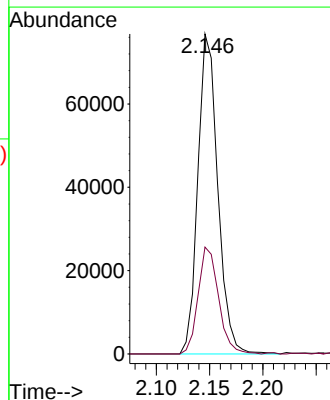
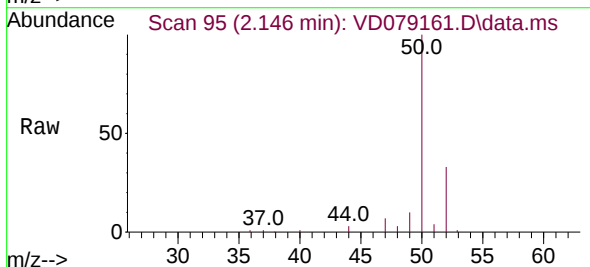
Instrument :
 MSVOA_D
 ClientSampleId :

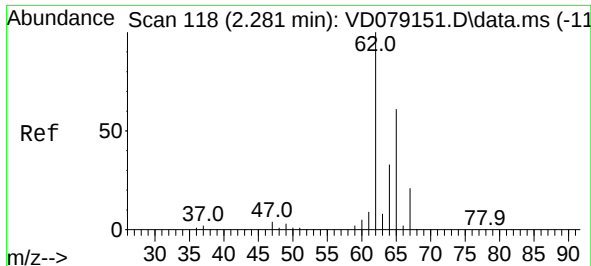
Tgt Ion: 85 Resp: 55212
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 24.305 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079161.D
 Acq: 10 Jun 2024 16:20

Tgt Ion: 50 Resp: 100255
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.4 45.2

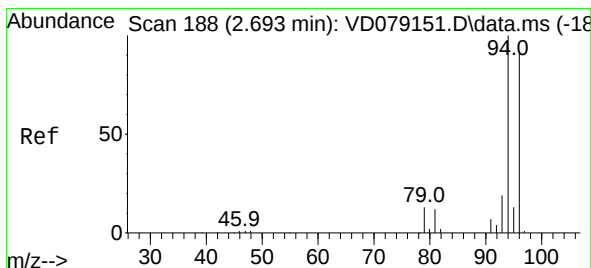
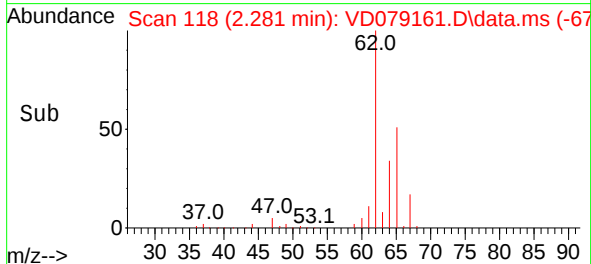
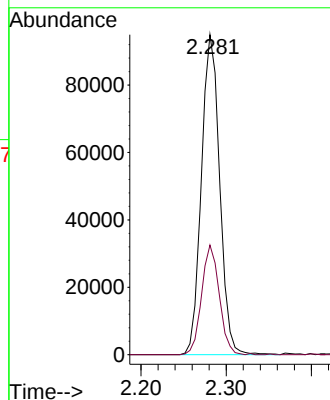
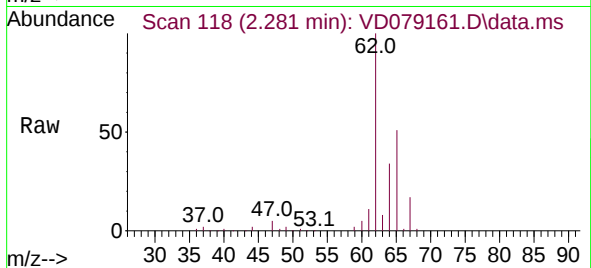




#5
 Vinyl chloride
 Concen: 20.761 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079161.D
 Acq: 10 Jun 2024 16:20

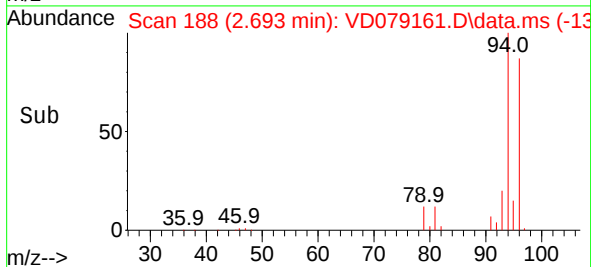
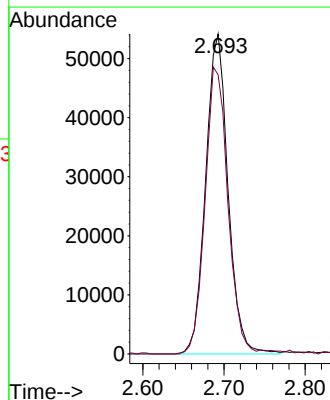
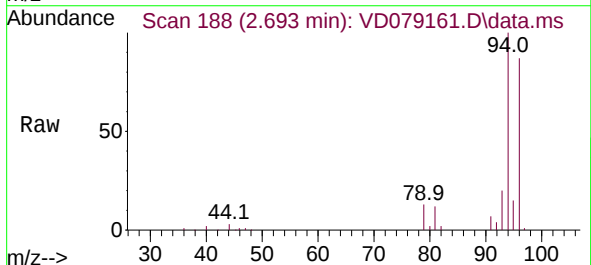
Instrument :
 MSVOA_D
 ClientSampleId :

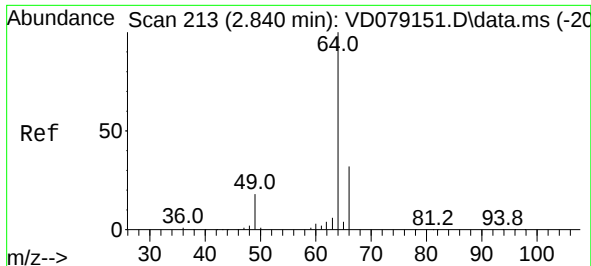
Tgt Ion: 62 Resp: 141346
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.8 46.1



#6
 Bromomethane
 Concen: 19.767 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079161.D
 Acq: 10 Jun 2024 16:20

Tgt Ion: 94 Resp: 103895
 Ion Ratio Lower Upper
 94 100
 96 87.3 63.6 118.2

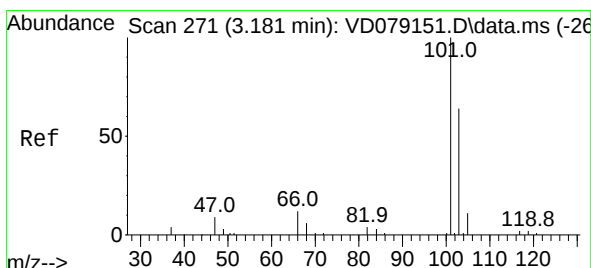
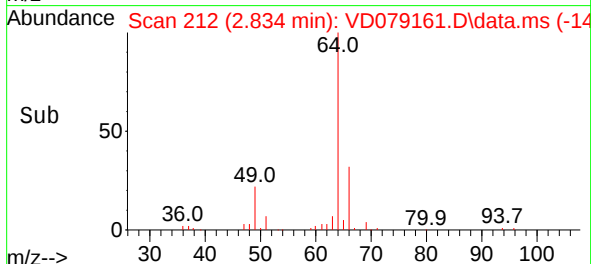
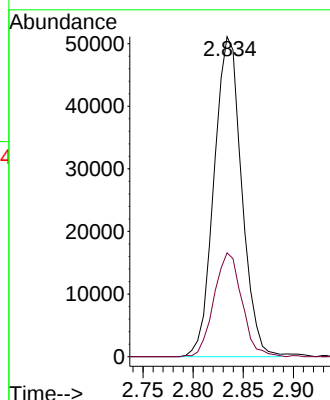
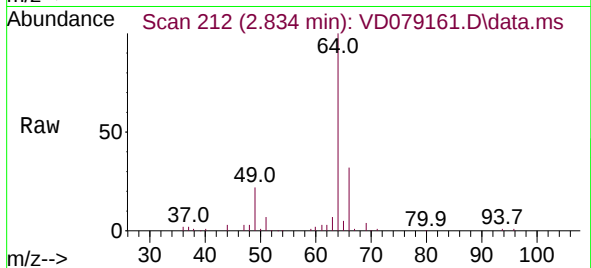




#8
Chloroethane
Concen: 19.623 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

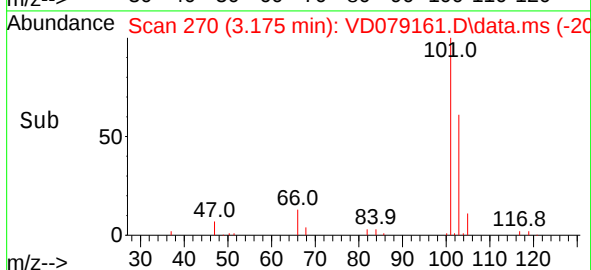
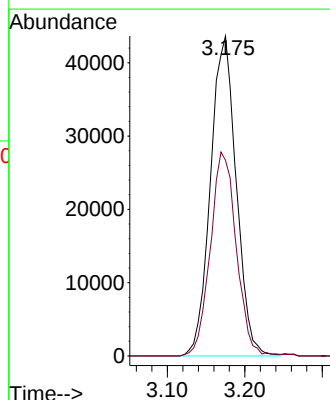
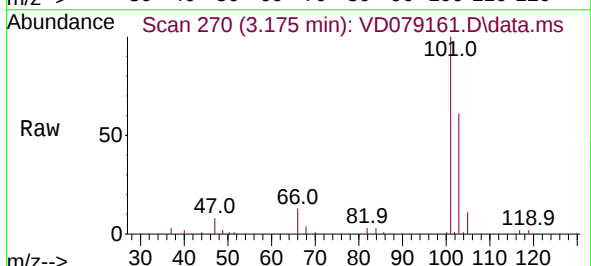
Instrument :
MSVOA_D
ClientSampleId :

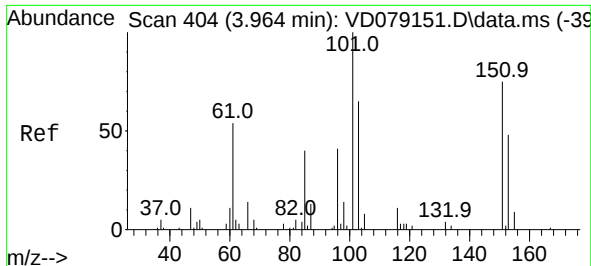
Tgt Ion: 64 Resp: 97921
Ion Ratio Lower Upper
64 100
66 32.4 24.8 46.1



#9
Trichlorofluoromethane
Concen: 19.419 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:101 Resp: 100716
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.406 ug/L

RT: 3.957 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD079161.D

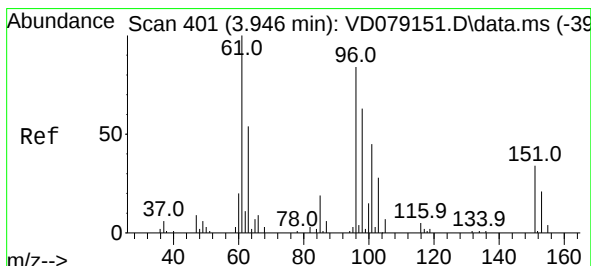
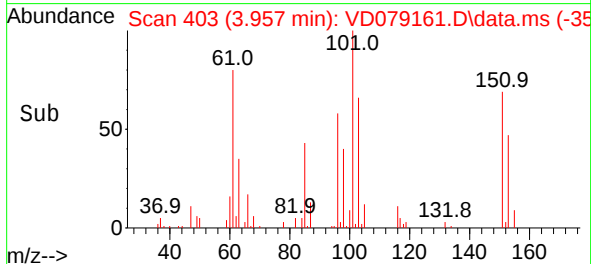
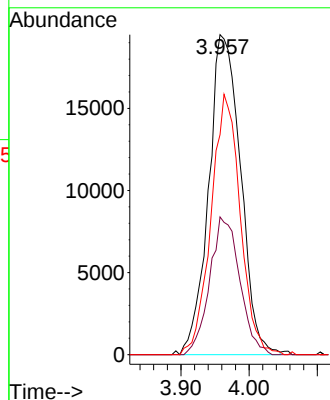
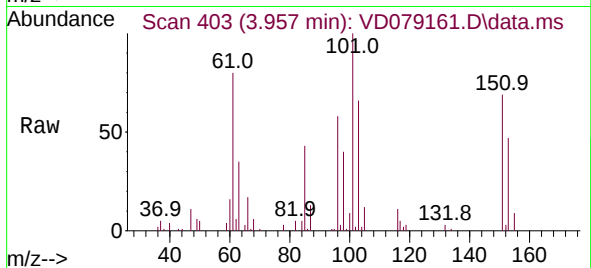
Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:101	Resp:	63461
Ion Ratio	Lower	Upper
101	100	
85	40.5	35.4 53.0
151	74.4	59.1 88.7



#12

1,1-Dichloroethene

Concen: 20.647 ug/L

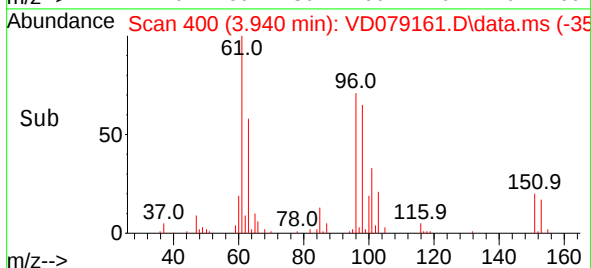
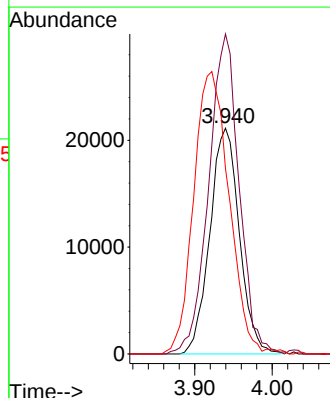
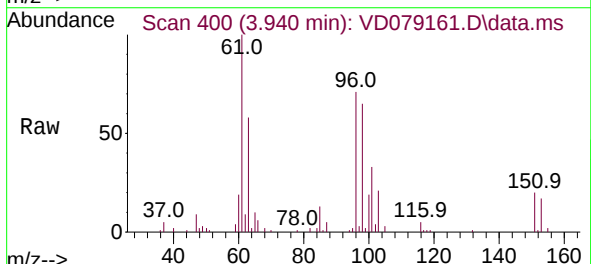
RT: 3.940 min Scan# 400

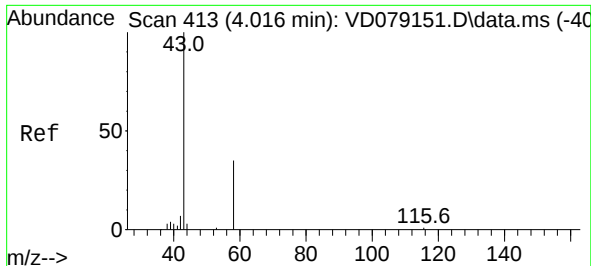
Delta R.T. -0.006 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Tgt Ion: 96	Resp:	55902
Ion Ratio	Lower	Upper
96	100	
61	141.8	93.9 174.3
63	82.1	67.7 125.7





#13

Acetone

Concen: 53.789 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.011 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

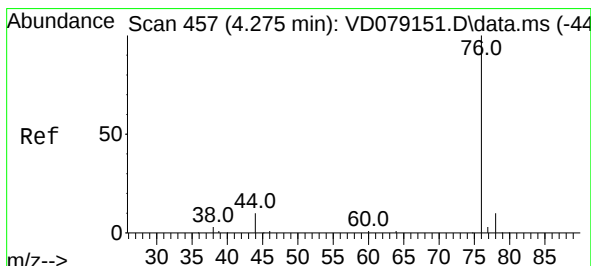
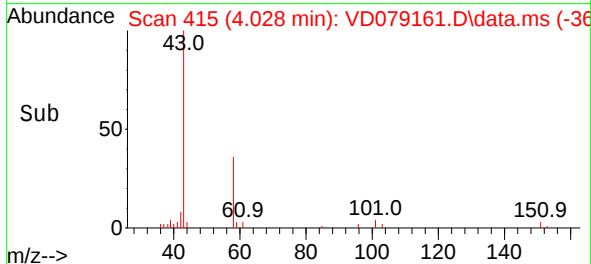
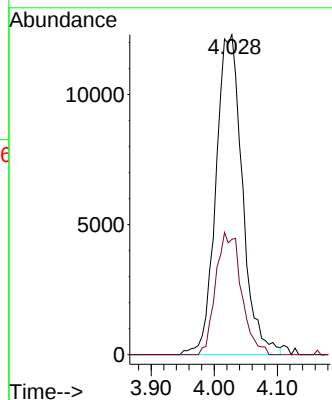
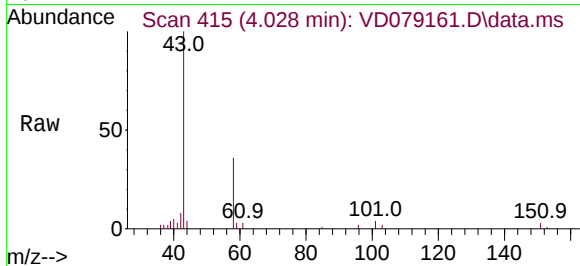
ClientSampleId :

Tgt Ion: 43 Resp: 35834

Ion Ratio Lower Upper

43 100

58 19.8 0.0 78.2



#14

Carbon disulfide

Concen: 19.520 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079161.D

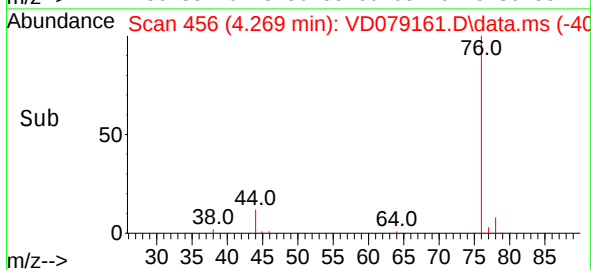
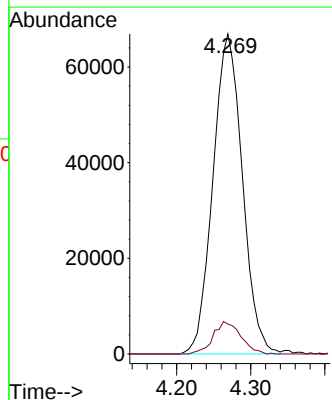
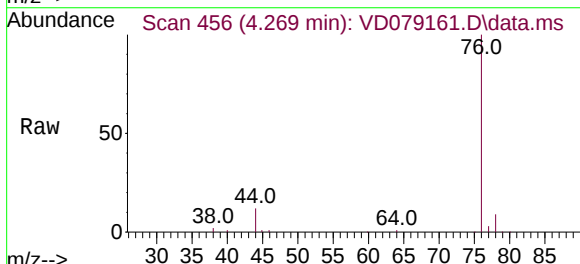
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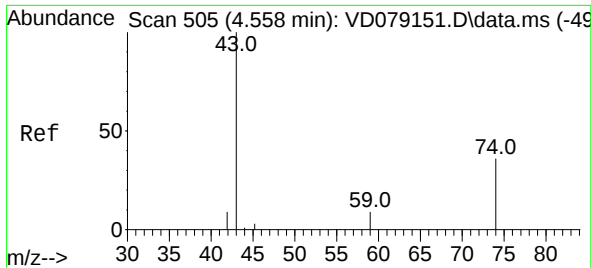
Tgt Ion: 76 Resp: 184365

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

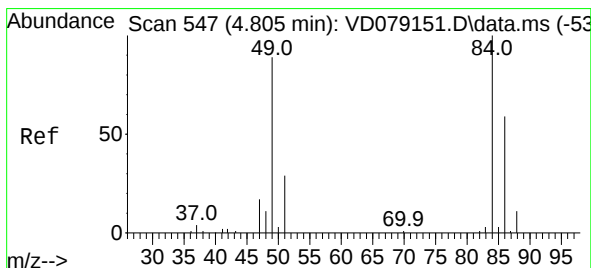
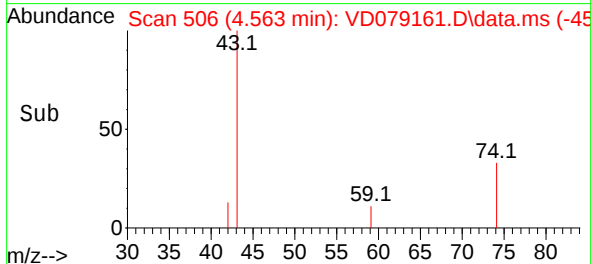
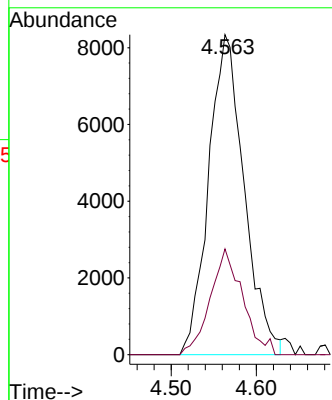
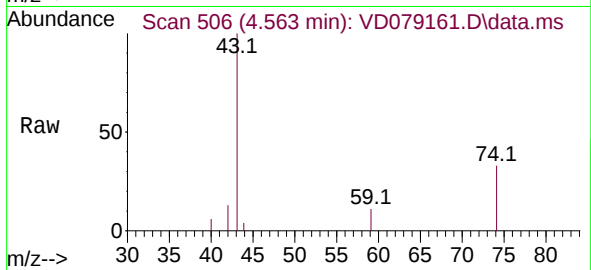




#15
Methyl Acetate
Concen: 26.542 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

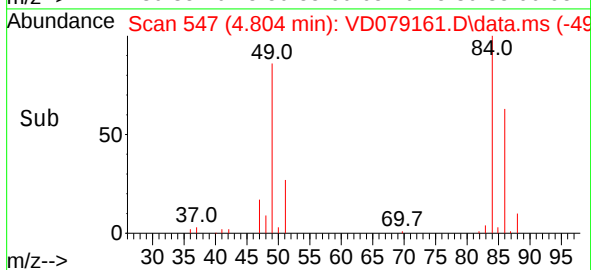
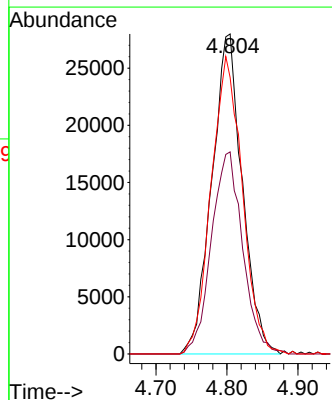
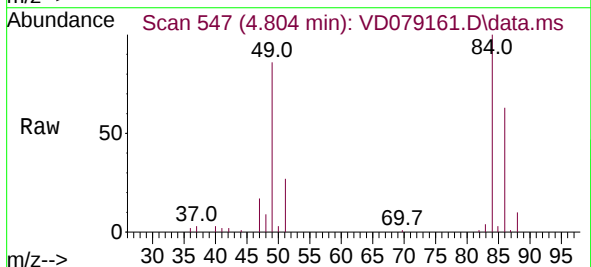
Instrument :
MSVOA_D
ClientSampleId :

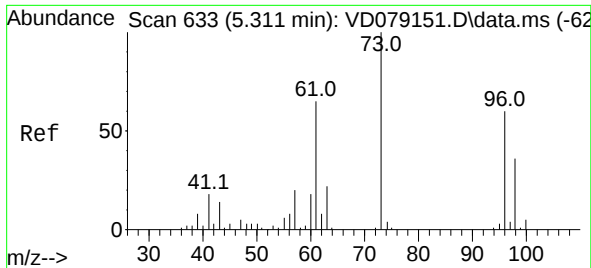
Tgt Ion: 43 Resp: 24092
Ion Ratio Lower Upper
43 100
74 29.6 23.8 35.6



#16
Methylene chloride
Concen: 23.921 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 84 Resp: 83329
Ion Ratio Lower Upper
84 100
86 63.2 40.9 76.0
49 86.4 67.5 125.3

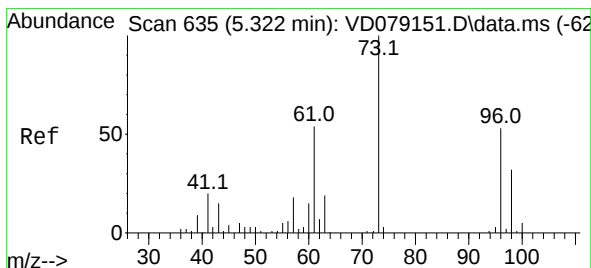
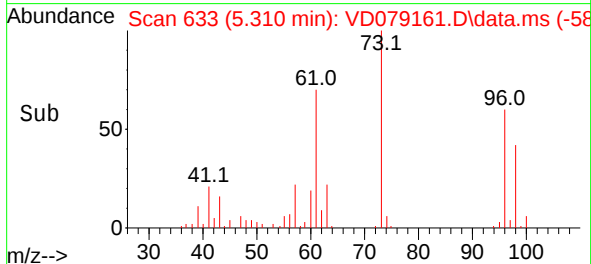
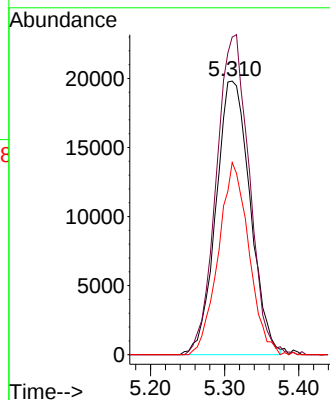
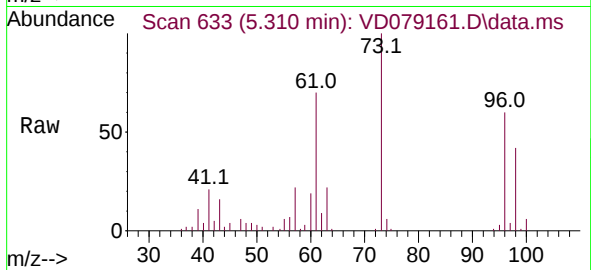




#17
trans-1,2-Dichloroethene
Concen: 21.681 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

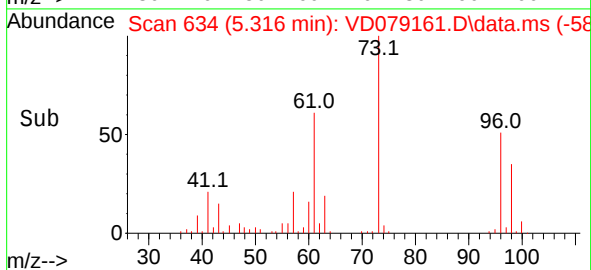
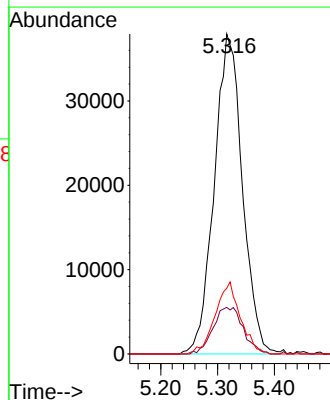
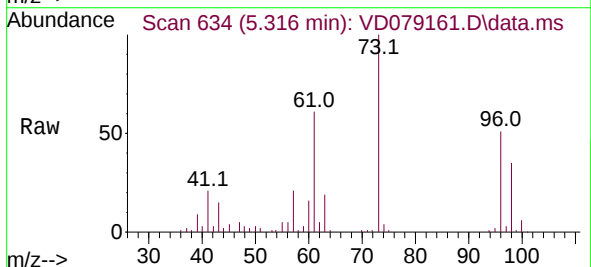
Instrument :
MSVOA_D
ClientSampleId :

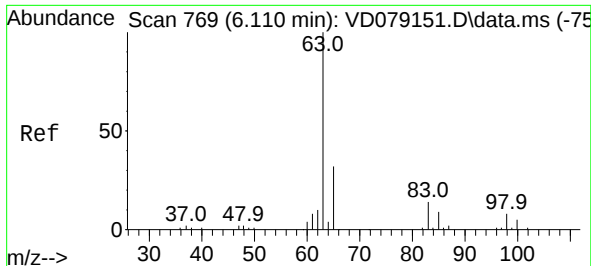
Tgt Ion: 96 Resp: 63438
Ion Ratio Lower Upper
96 100
61 116.1 71.9 133.5
98 70.2 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 25.182 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 73 Resp: 130682
Ion Ratio Lower Upper
73 100
43 9.2 12.0 18.0#
57 19.6 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 22.938 ug/L

RT: 6.116 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

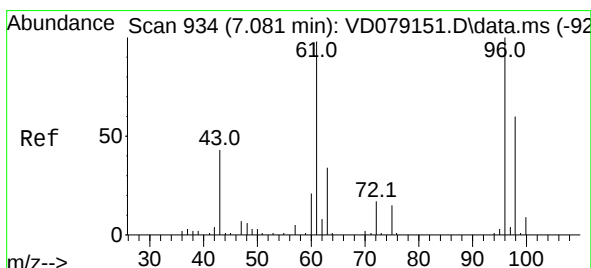
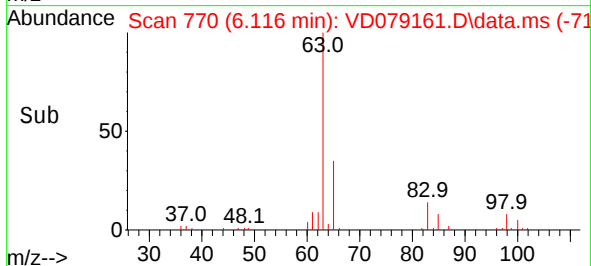
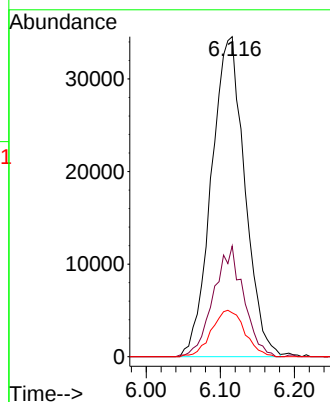
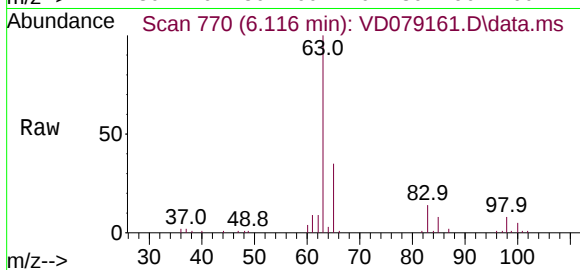
Tgt Ion: 63 Resp: 108059

Ion Ratio Lower Upper

63 100

65 34.6 22.8 42.4

83 13.7 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 23.517 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

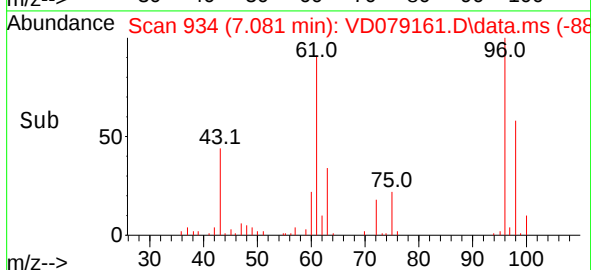
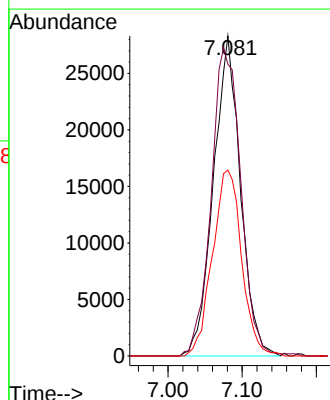
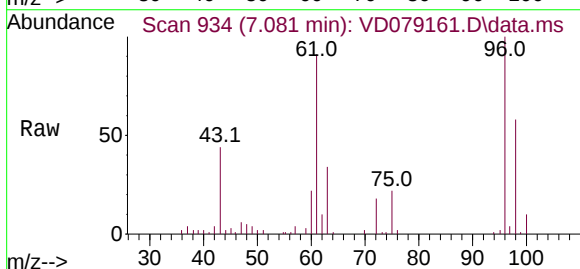
Tgt Ion: 96 Resp: 71649

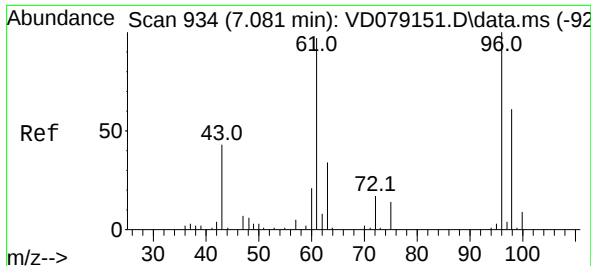
Ion Ratio Lower Upper

96 100

61 91.1 72.6 134.8

98 58.1 43.8 81.3

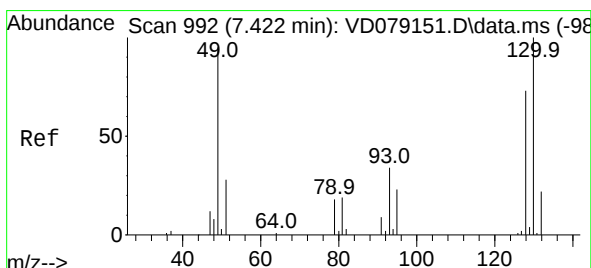
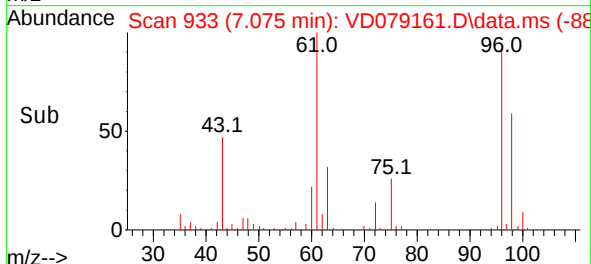
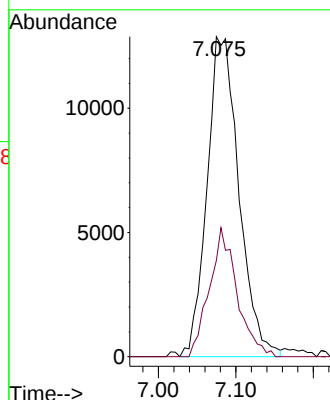
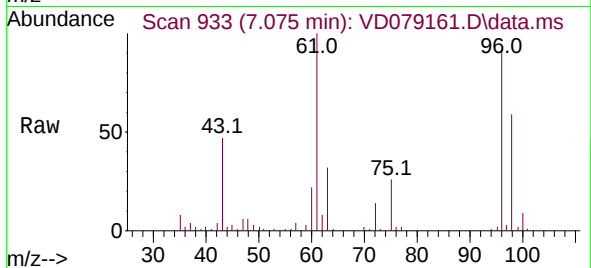




#22
2-Butanone
Concen: 52.667 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

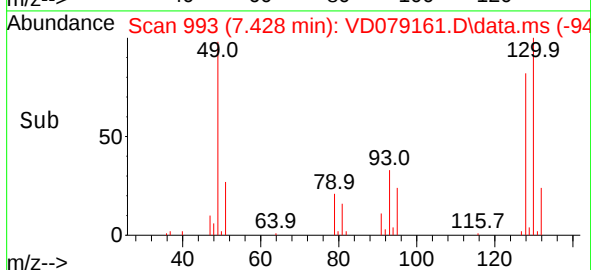
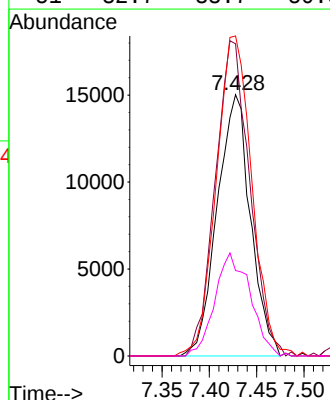
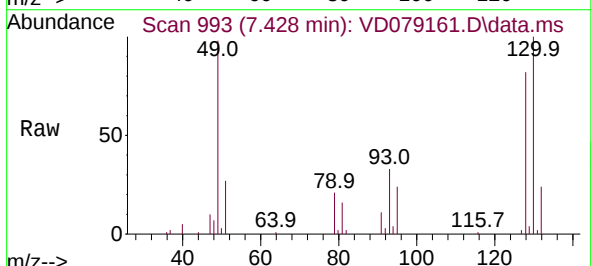
Instrument :
MSVOA_D
ClientSampleId :

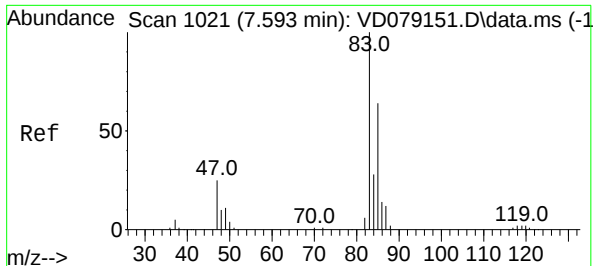
Tgt Ion: 43 Resp: 36859
Ion Ratio Lower Upper
43 100
72 34.9 19.3 57.8



#23
Bromochloromethane
Concen: 23.773 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:128 Resp: 36722
Ion Ratio Lower Upper
128 100
49 119.5 81.8 151.8
130 122.5 90.4 167.8
51 32.7 33.7 50.5#

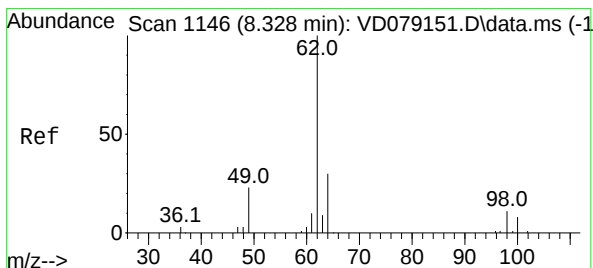
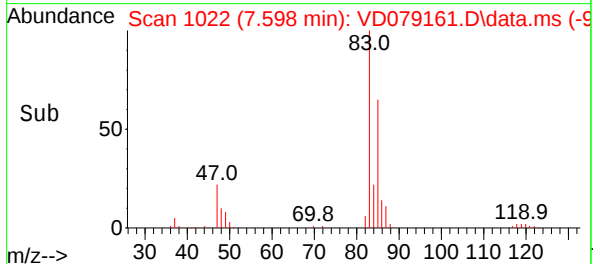
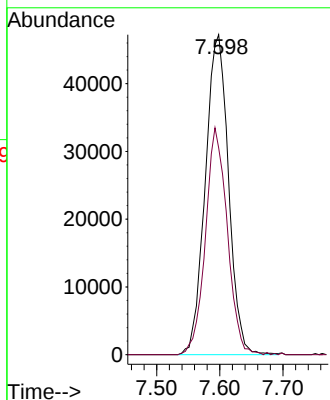
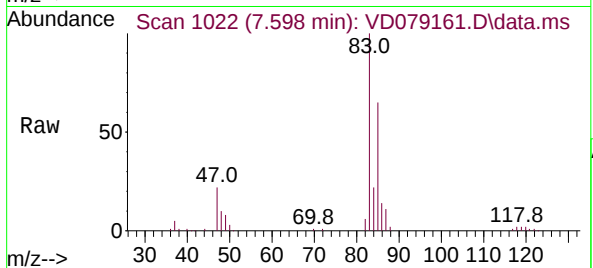




#25
Chloroform
Concen: 22.551 ug/L
RT: 7.598 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

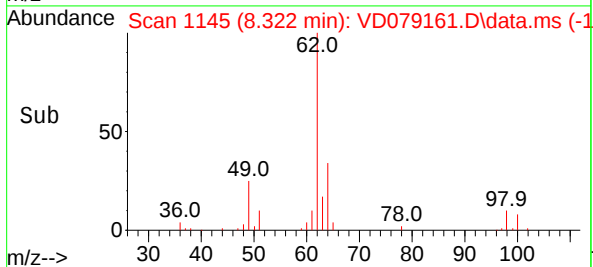
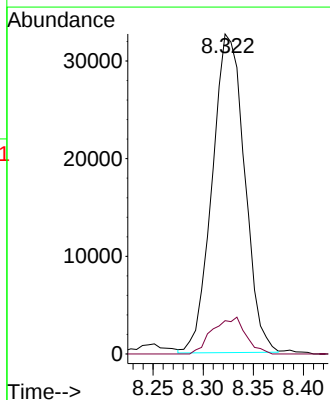
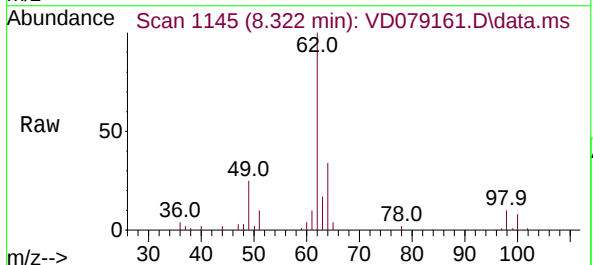
Instrument :
MSVOA_D
ClientSampleId :

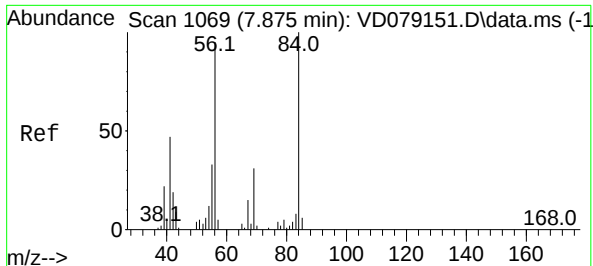
Tgt Ion: 83 Resp: 120618
Ion Ratio Lower Upper
83 100
85 64.6 47.9 89.1



#27
1,2-Dichloroethane
Concen: 23.634 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 62 Resp: 73380
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 21.287 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

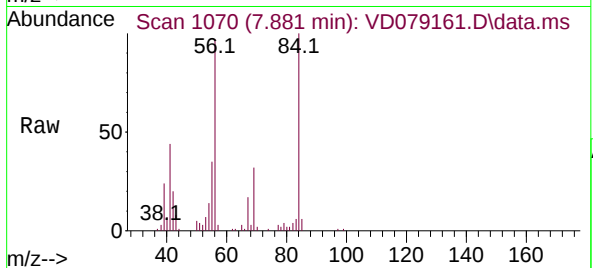
Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



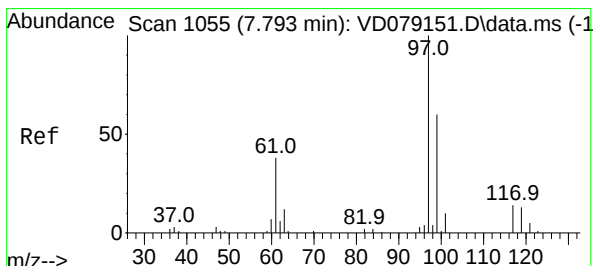
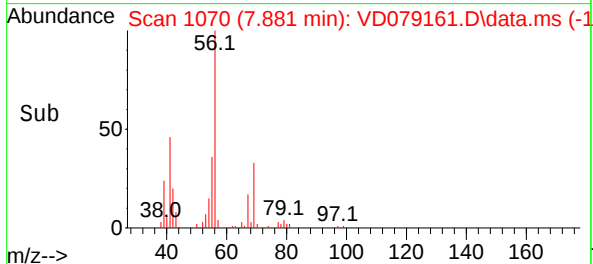
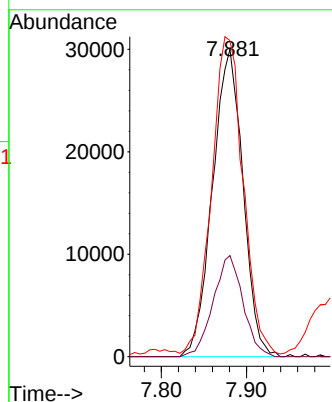
Tgt Ion: 56 Resp: 74474

Ion Ratio Lower Upper

56 100

69 32.2 26.6 40.0

84 108.9 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 21.617 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

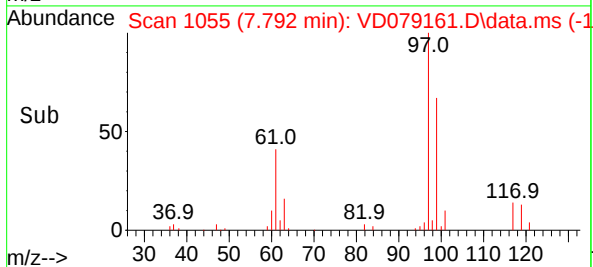
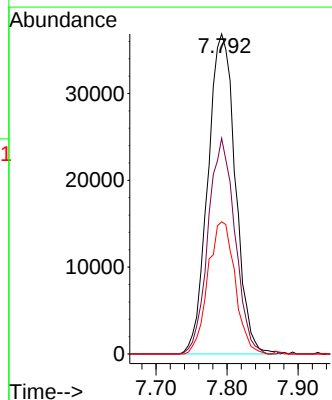
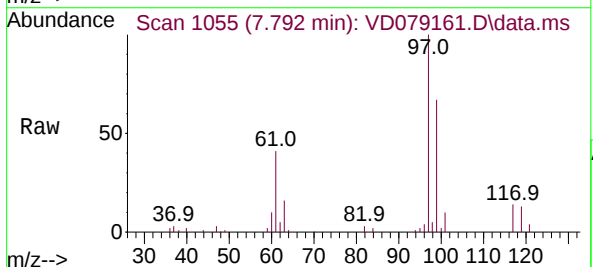
Tgt Ion: 97 Resp: 99242

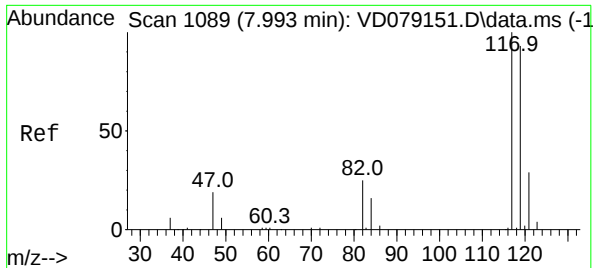
Ion Ratio Lower Upper

97 100

99 65.7 52.3 78.5

61 40.7 31.7 47.5

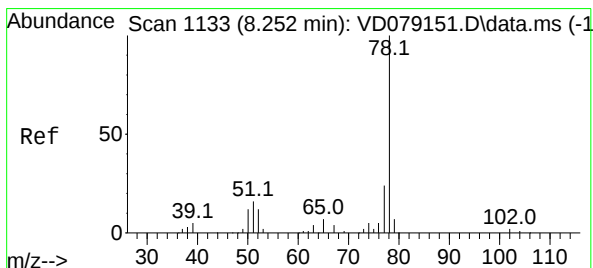
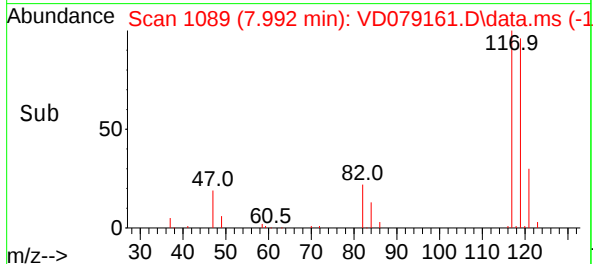
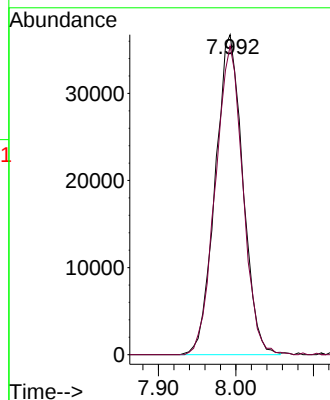
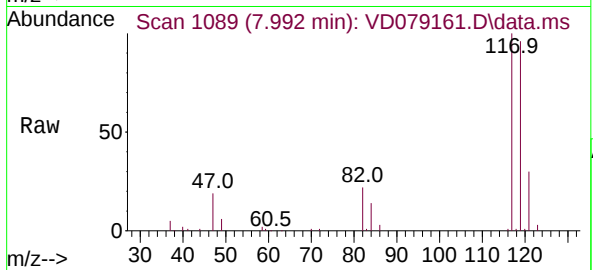




#31
Carbon tetrachloride
Concen: 21.308 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

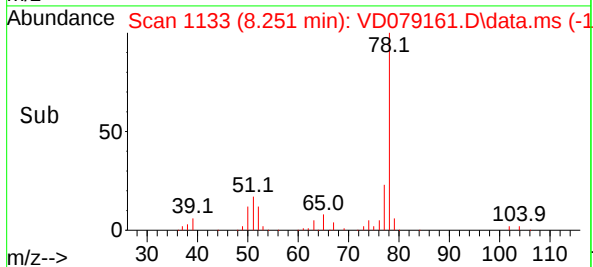
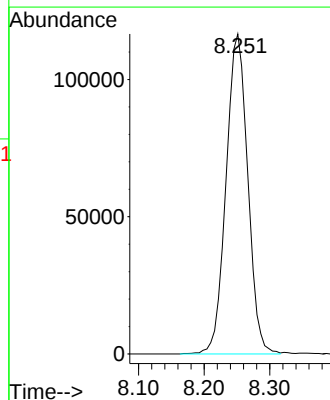
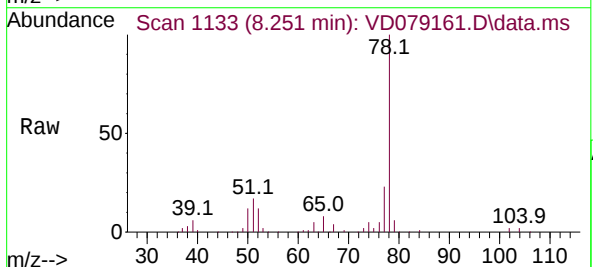
Instrument :
MSVOA_D
ClientSampleId :

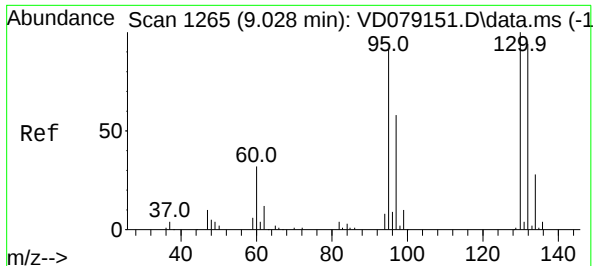
Tgt Ion:117 Resp: 90906
Ion Ratio Lower Upper
117 100
119 96.3 79.6 119.4



#33
Benzene
Concen: 23.196 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 78 Resp: 267900



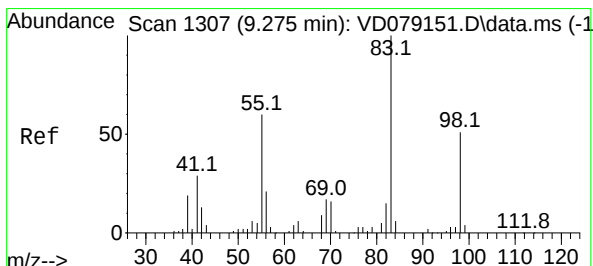
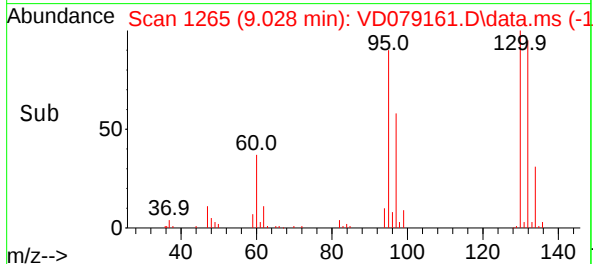
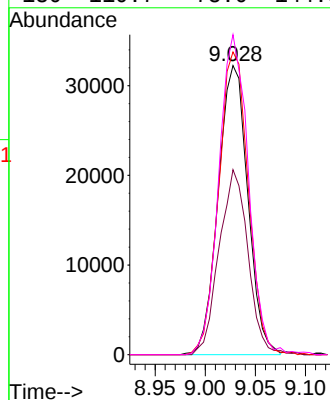
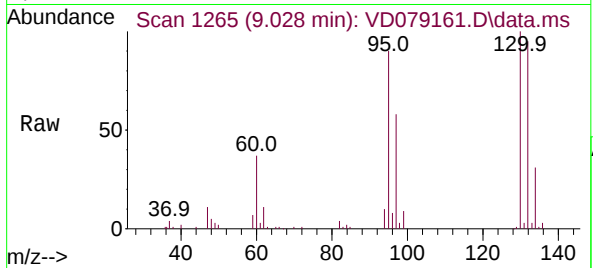


#34
Trichloroethene
Concen: 22.268 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 66239

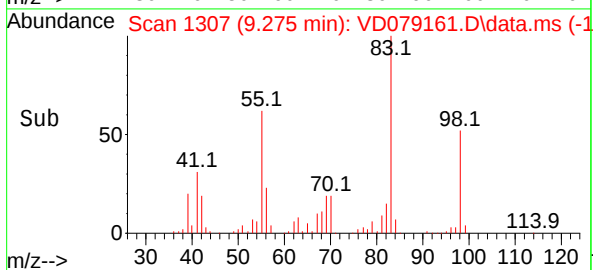
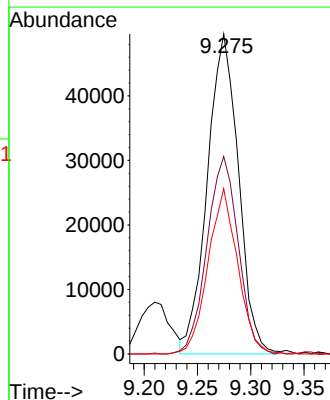
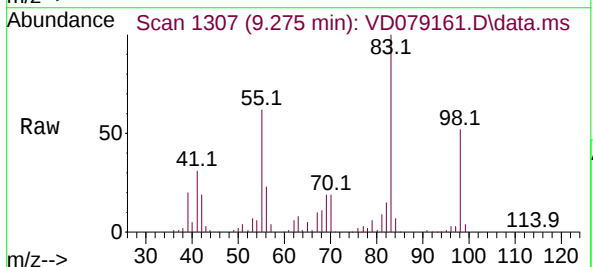
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.6	82.8
132	104.7	74.9	139.1
130	110.7	78.0	144.8

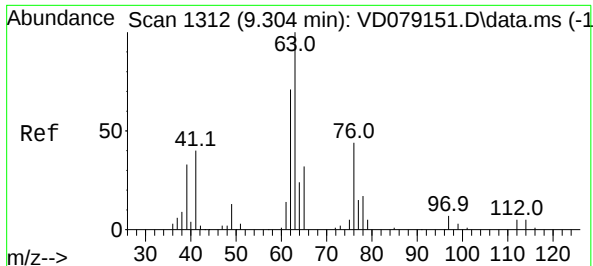


#35
Methylcyclohexane
Concen: 20.445 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 83 Resp: 100772

Ion	Ratio	Lower	Upper
83	100		
55	61.7	48.6	72.8
98	49.3	40.2	60.2

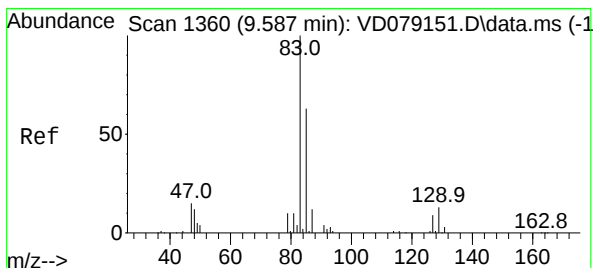
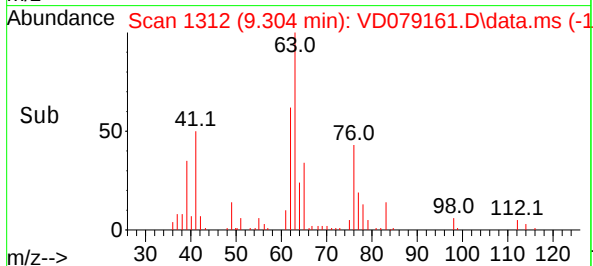
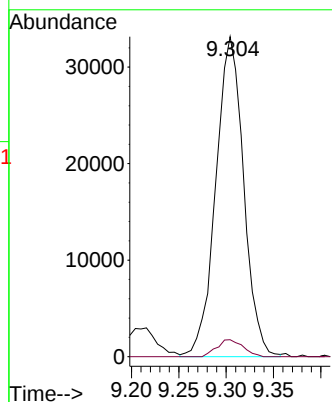
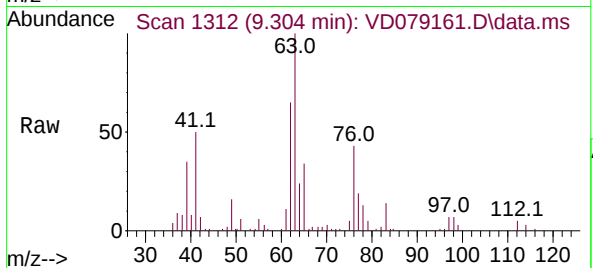




#37
1,2-Dichloropropane
Concen: 23.983 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

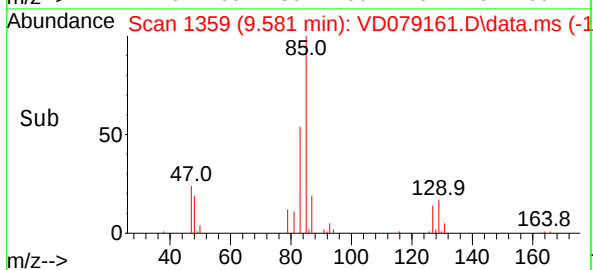
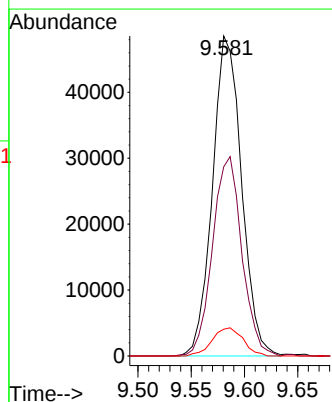
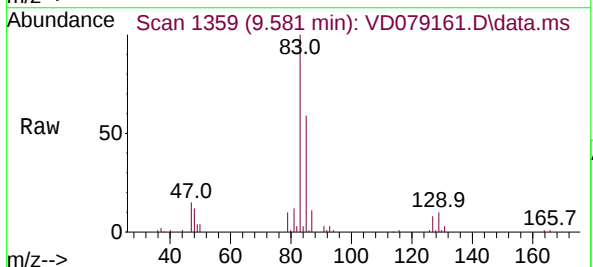
Instrument :
MSVOA_D
ClientSampleId :

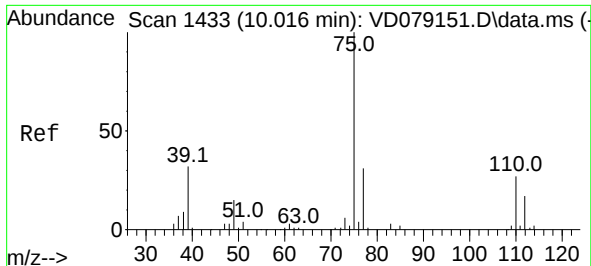
Tgt Ion: 63 Resp: 67846
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 23.435 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 83 Resp: 92162
Ion Ratio Lower Upper
83 100
85 59.1 46.5 86.5
127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 22.914 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

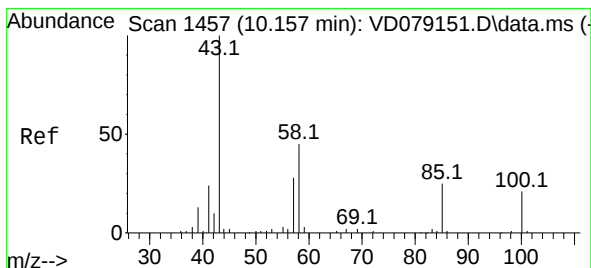
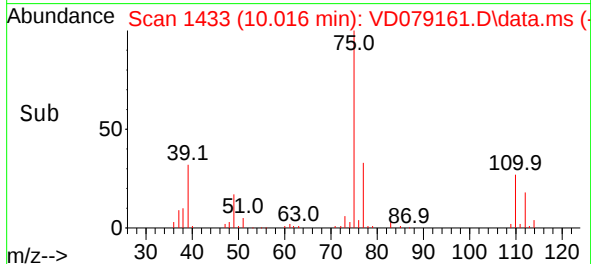
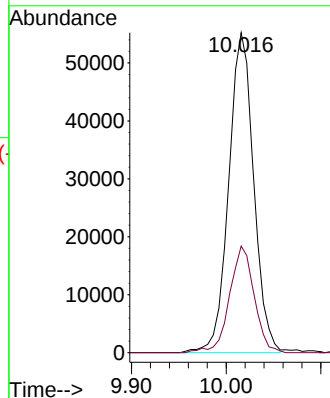
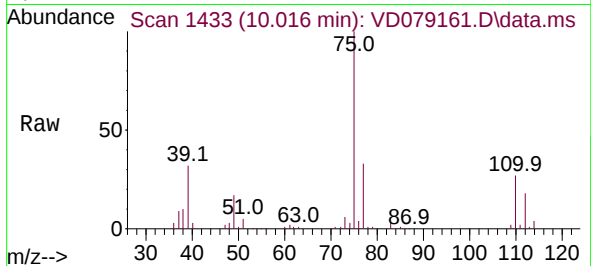
ClientSampleId :

Tgt Ion: 75 Resp: 101192

Ion Ratio Lower Upper

75 100

77 33.3 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 56.609 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

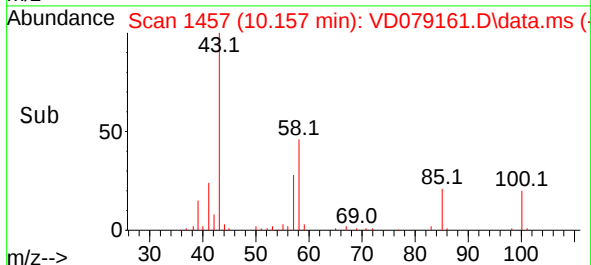
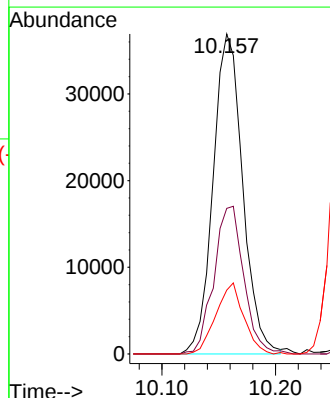
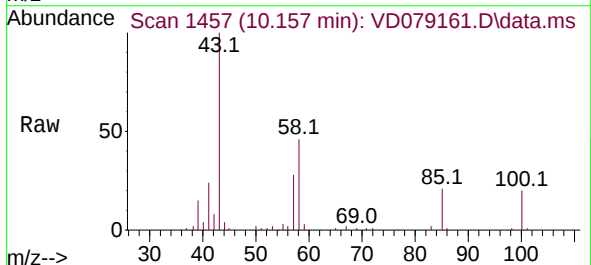
Tgt Ion: 43 Resp: 66850

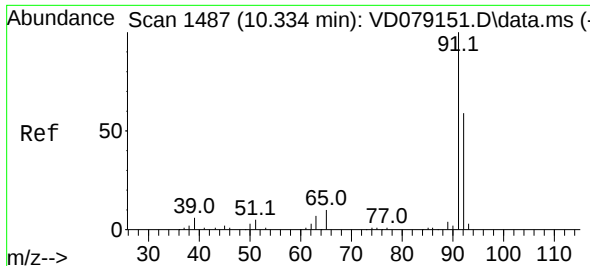
Ion Ratio Lower Upper

43 100

58 46.6 34.0 51.0

100 20.8 16.9 25.3

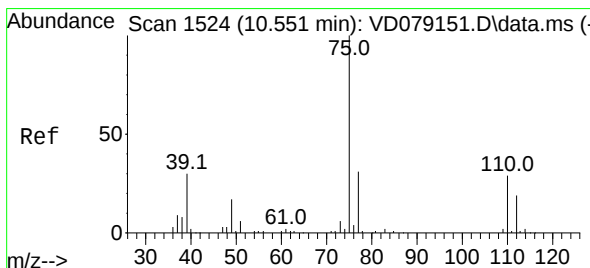
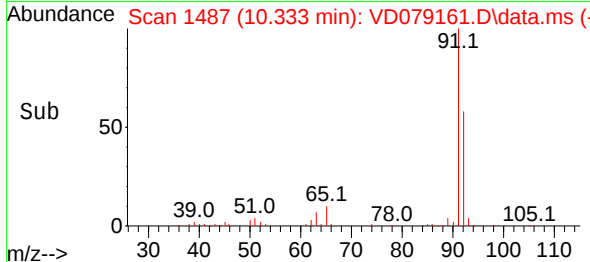
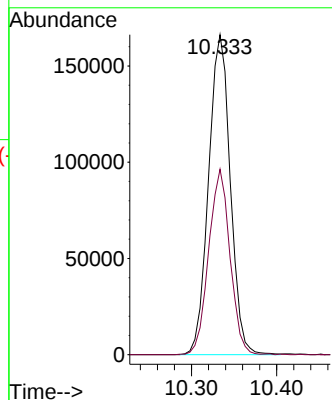
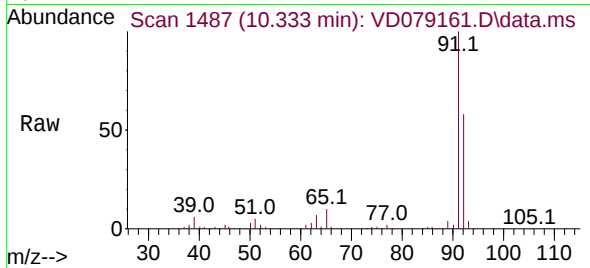




#42
Toluene
Concen: 22.977 ug/L
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

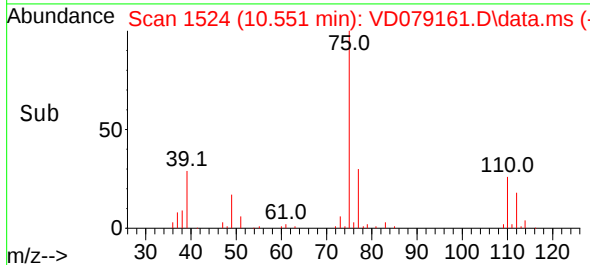
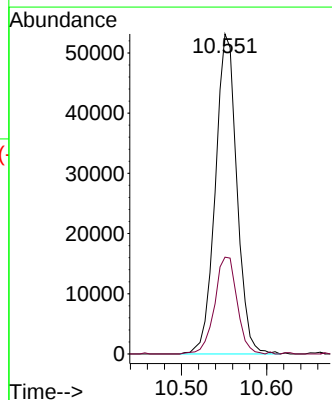
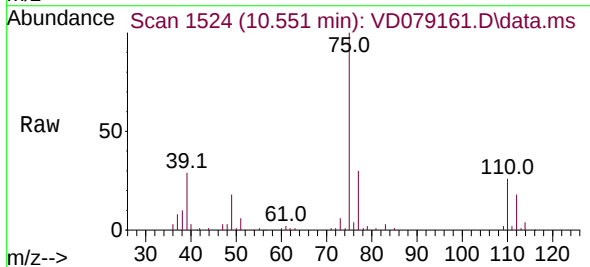
Instrument :
MSVOA_D
ClientSampleId :

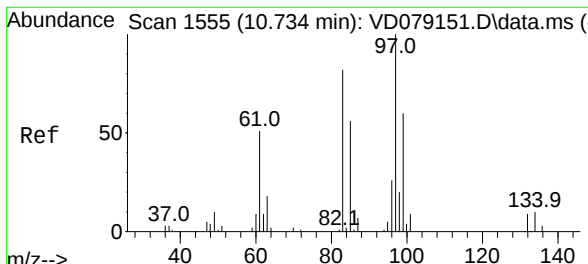
Tgt Ion: 91 Resp: 294669
Ion Ratio Lower Upper
91 100
92 58.0 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 24.961 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 75 Resp: 93213
Ion Ratio Lower Upper
75 100
77 30.2 24.3 45.1

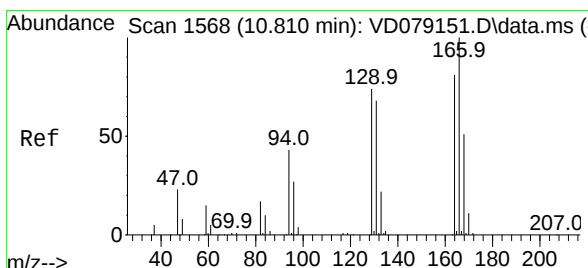
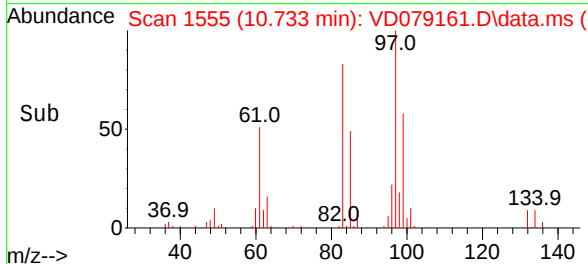
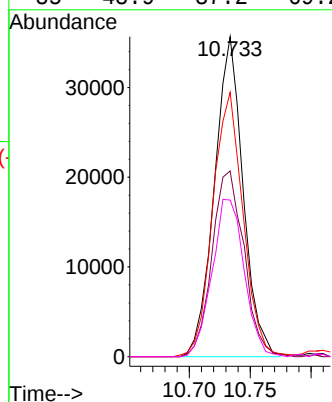
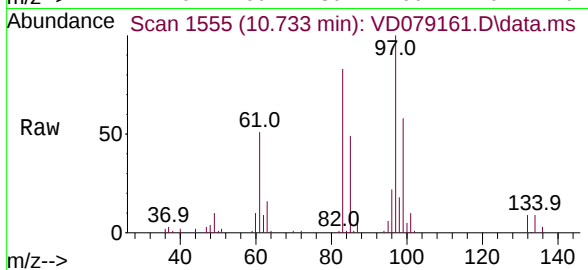




#45
1,1,2-Trichloroethane
Concen: 23.566 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

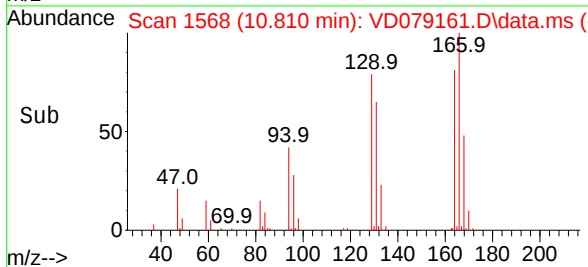
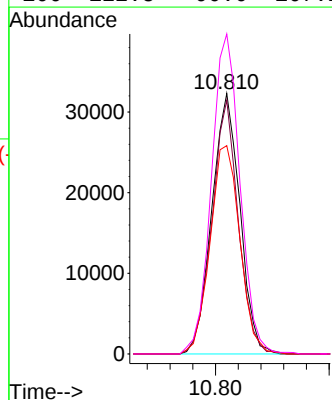
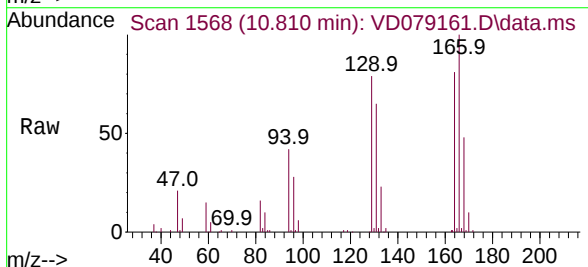
Instrument :
MSVOA_D
ClientSampleId :

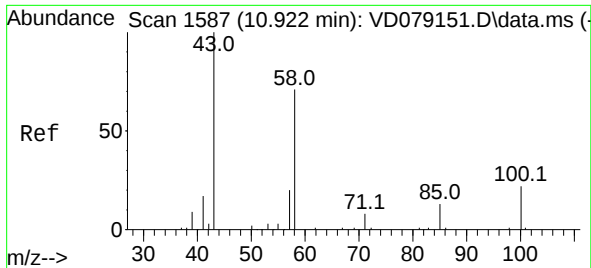
Tgt Ion:	97	Resp:	58486
Ion	Ratio	Lower	Upper
97	100		
99	58.1	43.0	79.8
83	82.6	58.9	109.5
85	48.9	37.2	69.2



#46
Tetrachloroethene
Concen: 21.137 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:	164	Resp:	55361
Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.3	119.5
131	79.9	61.2	113.8
166	122.8	90.0	167.2

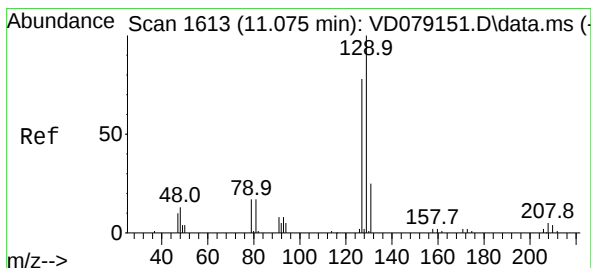
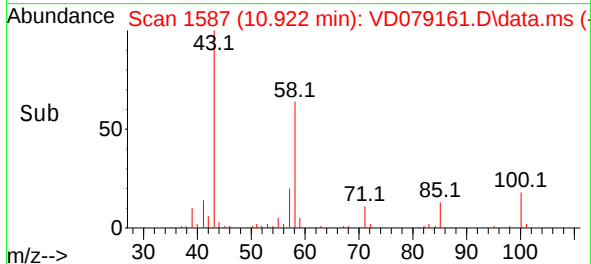
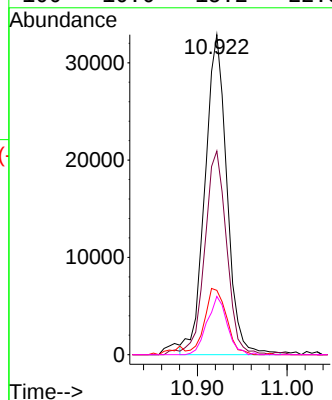
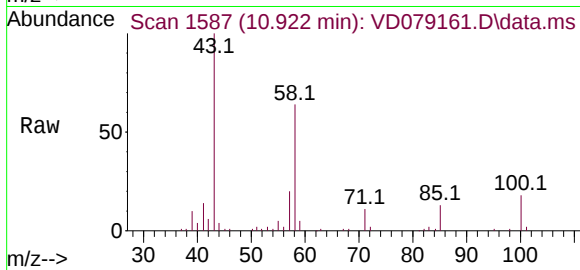




#48
2-Hexanone
Concen: 54.720 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

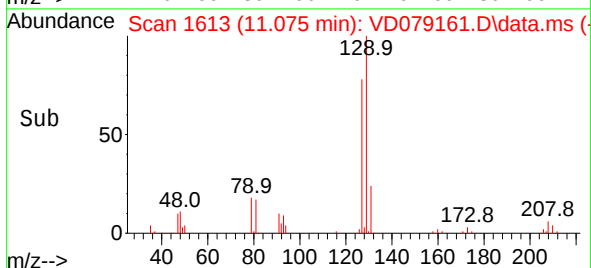
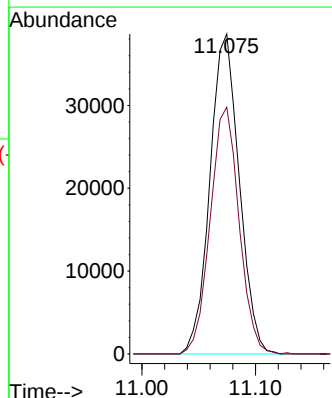
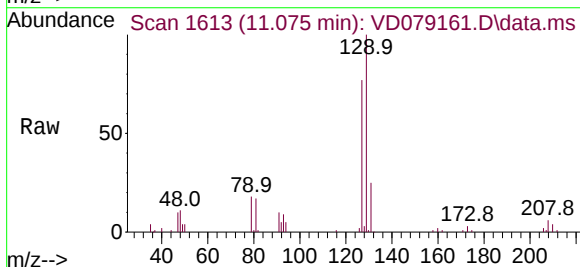
Instrument :
MSVOA_D
ClientSampleId :

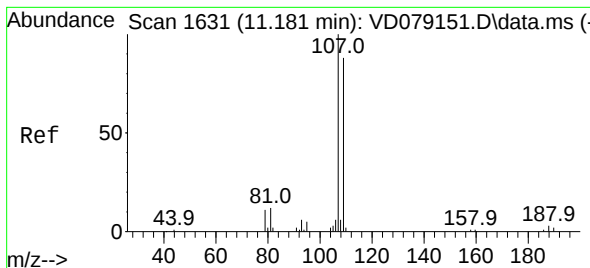
Tgt	Ion: 43	Resp:	55916
Ion	Ratio	Lower	Upper
43	100		
58	62.9	50.1	75.1
57	20.7	16.5	24.7
100	16.6	15.2	22.8



#49
Dibromochloromethane
Concen: 23.557 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:129	Resp: 69233		
Ion Ratio	Lower	Upper	
129 100			
127 77.1	56.4	104.7	





#50

1,2-Dibromoethane

Concen: 24.743 ug/L

RT: 11.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079161.D

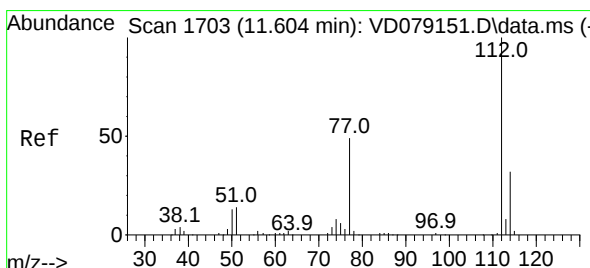
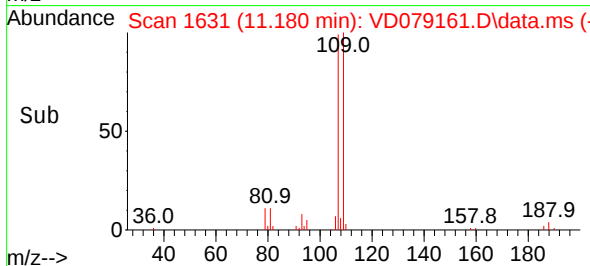
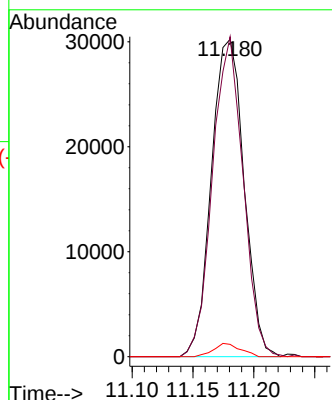
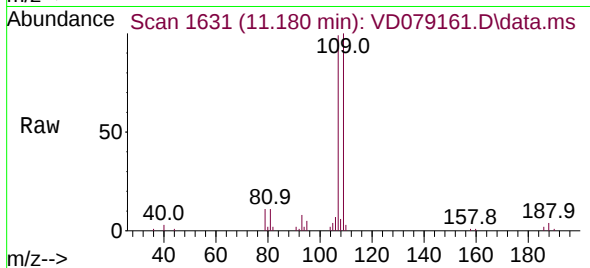
Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	56435
Ion Ratio	Lower	Upper
107	100	
109	100.8	64.5 119.7
188	3.9	2.6 3.8#



#51

Chlorobenzene

Concen: 22.529 ug/L

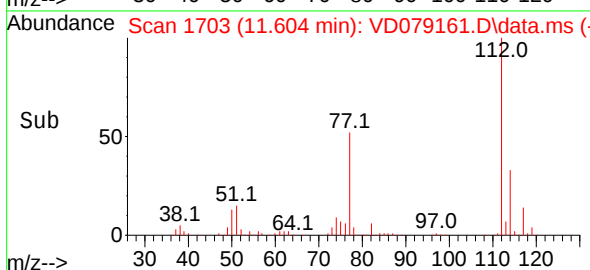
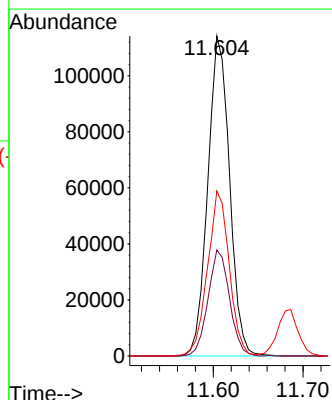
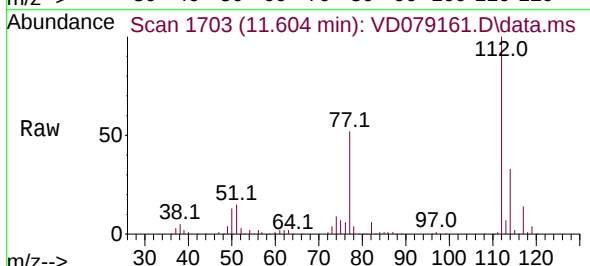
RT: 11.604 min Scan# 1703

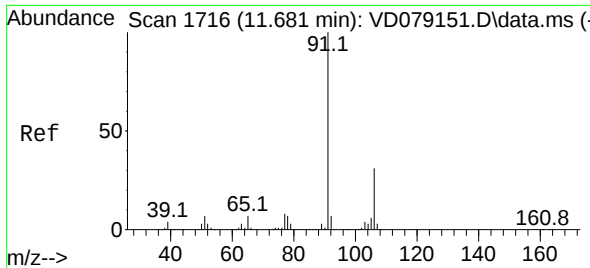
Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Tgt Ion:112	Resp:	192244
Ion Ratio	Lower	Upper
112	100	
114	33.1	22.7 42.3
77	51.5	38.4 57.6





#52

Ethylbenzene

Concen: 22.550 ug/L

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

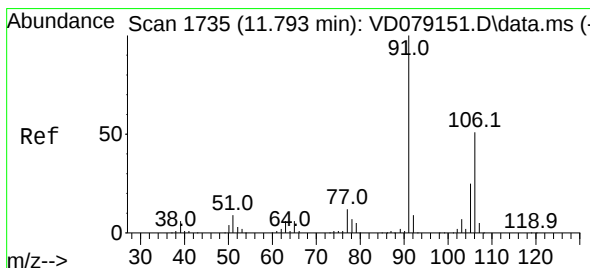
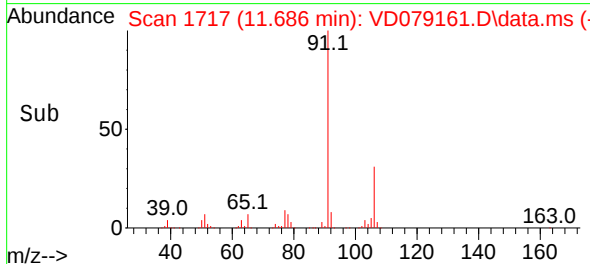
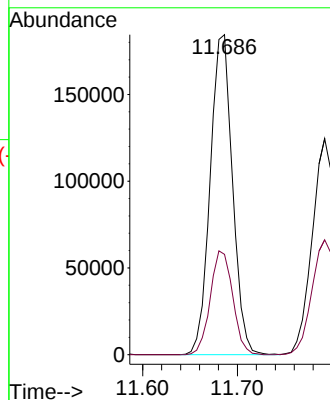
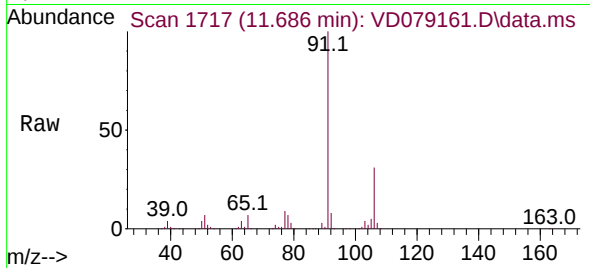
ClientSampleId :

Tgt Ion: 91 Resp: 301662

Ion Ratio Lower Upper

91 100

106 31.4 22.3 41.5



#53

m,p-Xylene

Concen: 23.642 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079161.D

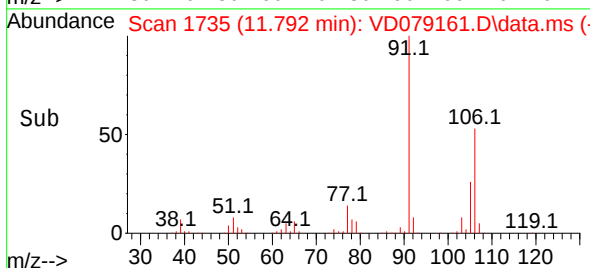
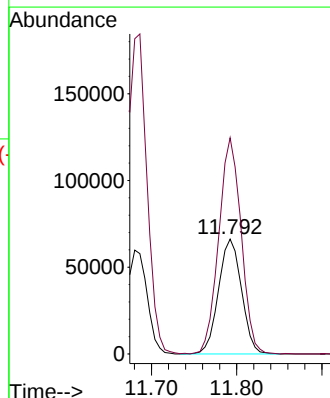
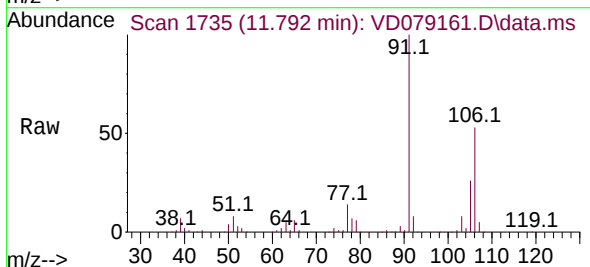
Acq: 10 Jun 2024 16:20

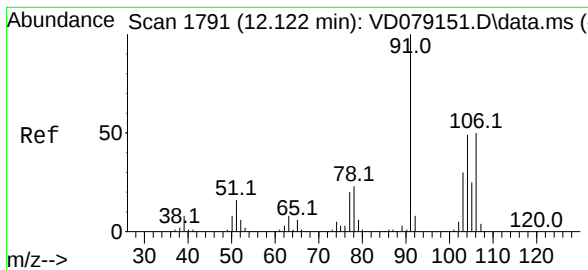
Tgt Ion:106 Resp: 124082

Ion Ratio Lower Upper

106 100

91 188.2 133.1 247.1

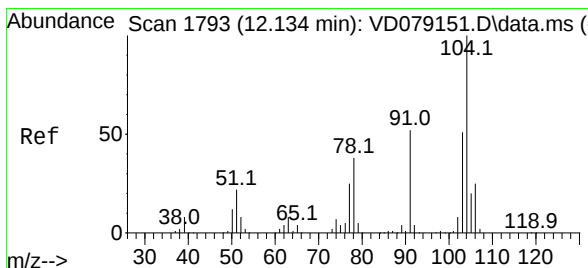
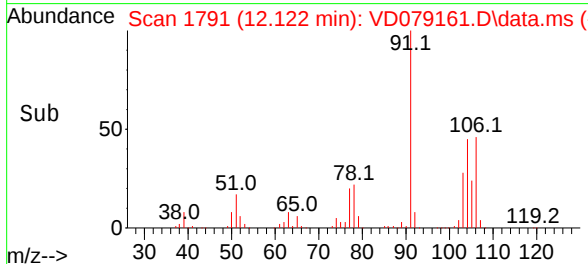
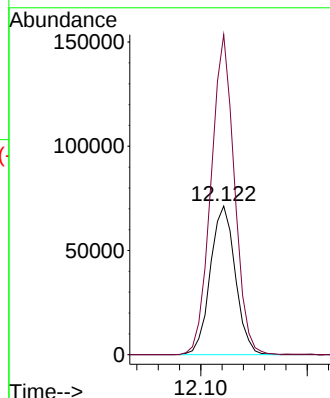
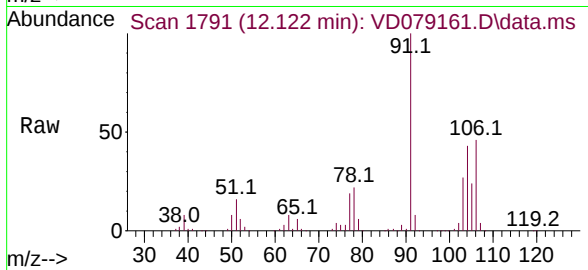




#54
o-Xylene
Concen: 22.901 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

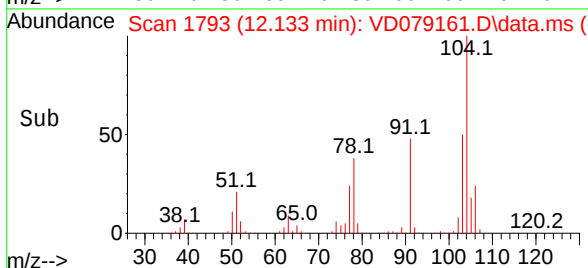
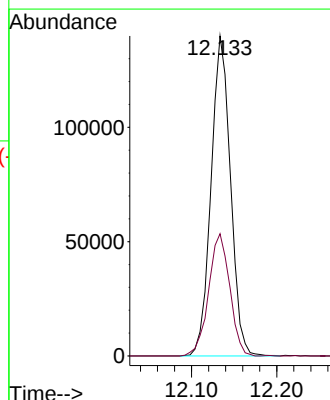
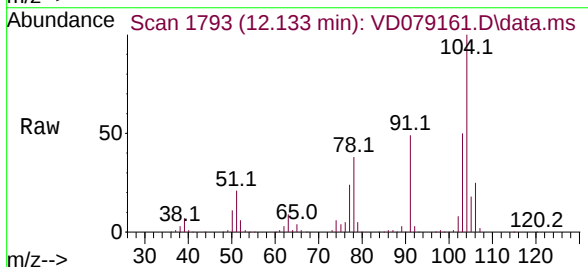
Instrument :
MSVOA_D
ClientSampleId :

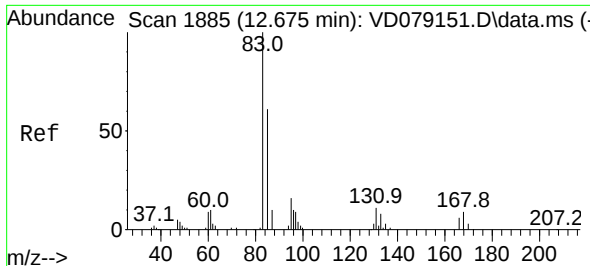
Tgt Ion:106 Resp: 116126
Ion Ratio Lower Upper
106 100
91 215.2 132.9 246.9



#55
Styrene
Concen: 24.668 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:104 Resp: 221790
Ion Ratio Lower Upper
104 100
78 38.2 27.8 51.6





#57

1,1,2-Tetrachloroethane

Concen: 25.626 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD079161.D

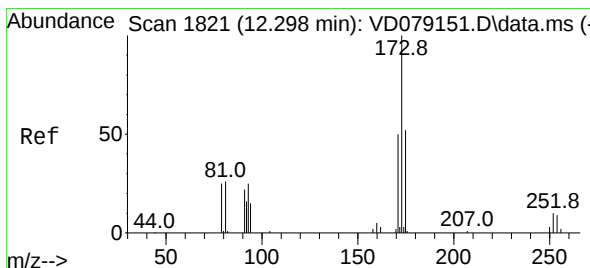
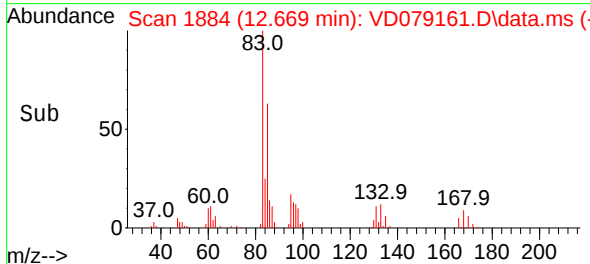
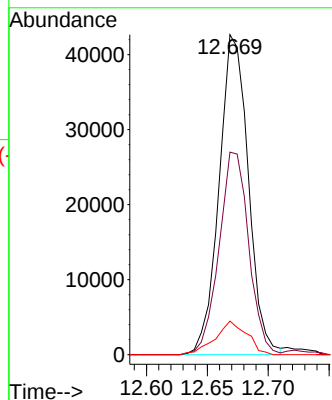
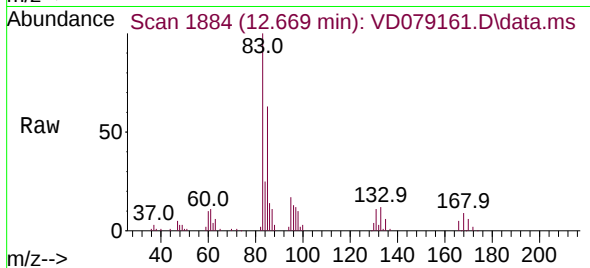
Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	71192
Ion	Ratio	Lower	Upper
83	100		
85	63.3	47.5	88.1
131	10.5	8.6	13.0



#59

Bromoform

Concen: 23.945 ug/L

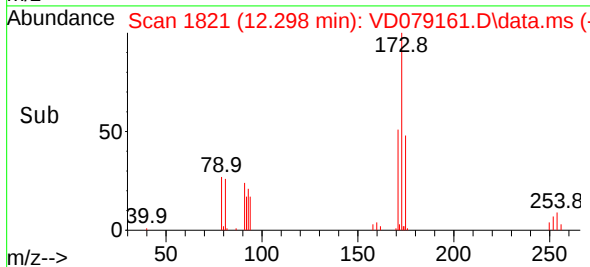
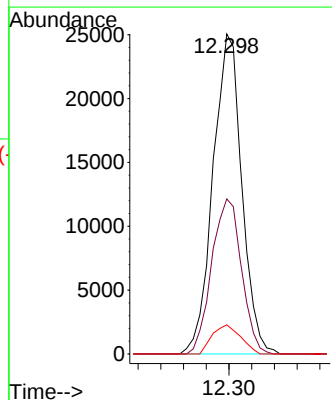
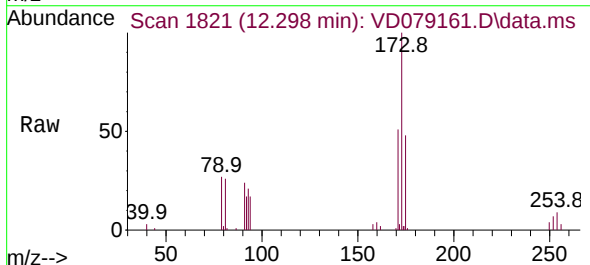
RT: 12.298 min Scan# 1821

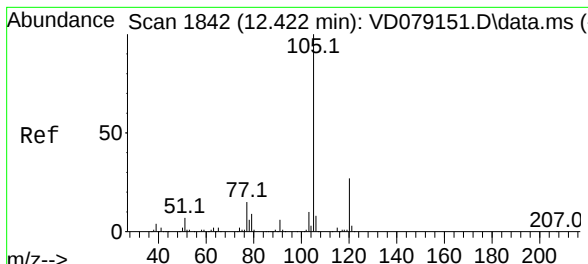
Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Tgt Ion:	173	Resp:	44094
Ion	Ratio	Lower	Upper
173	100		
175	50.1	38.2	57.4
254	8.9	7.0	10.6



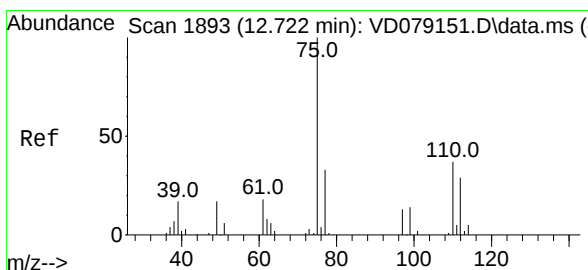
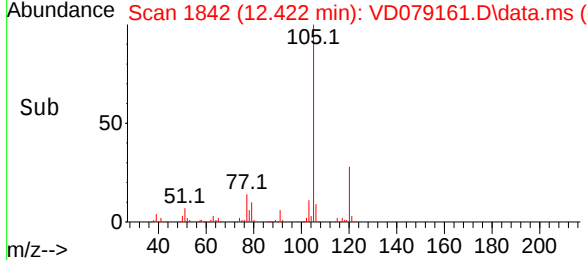
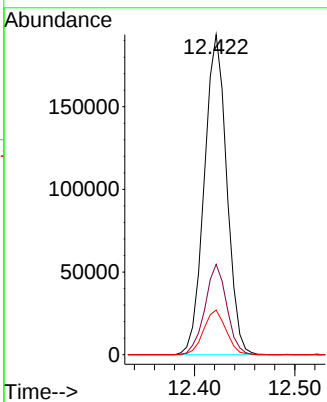
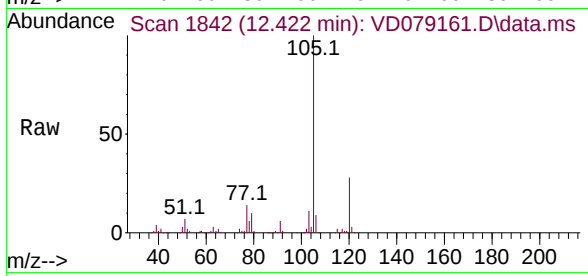


#60
Isopropylbenzene
Concen: 22.644 ug/L
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 300825

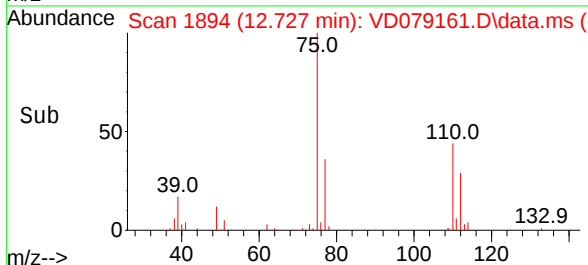
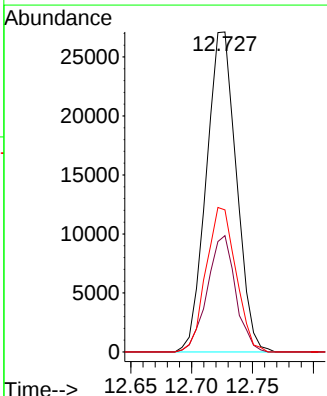
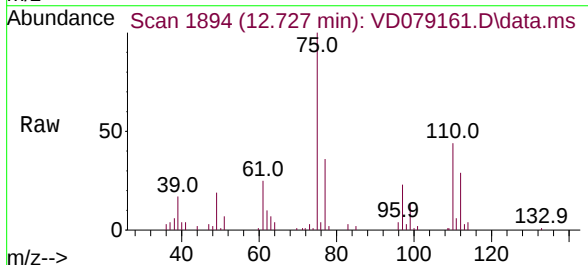
Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.9	32.9
77	14.0	10.9	16.3

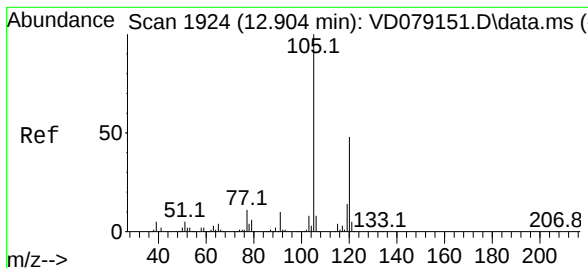


#61
1,2,3-Trichloropropane
Concen: 26.328 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion: 75 Resp: 46702

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.9	38.9
110	44.9	34.2	51.4

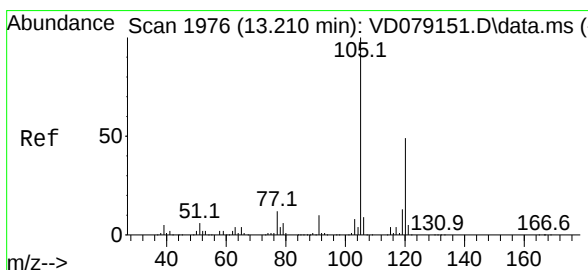
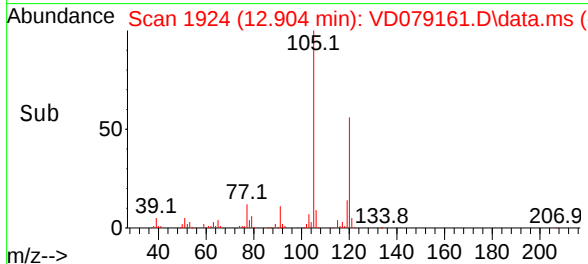
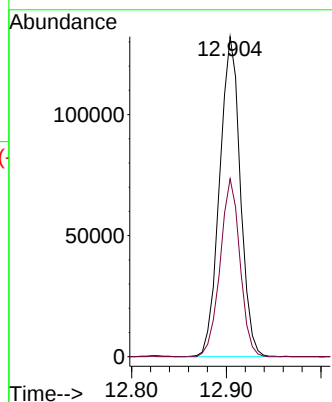
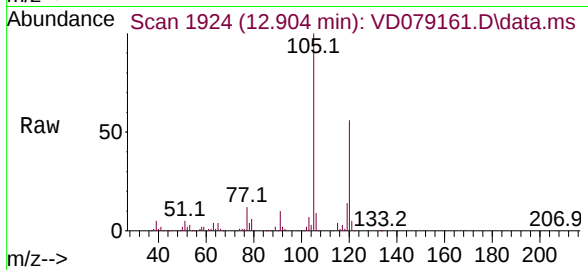




#62
1,3,5-Trimethylbenzene
Concen: 22.083 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

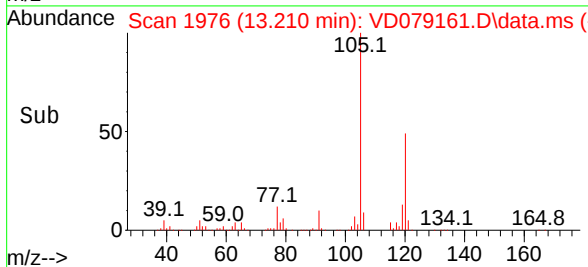
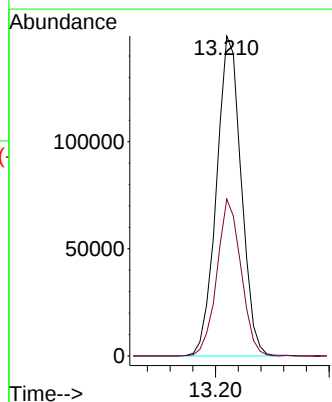
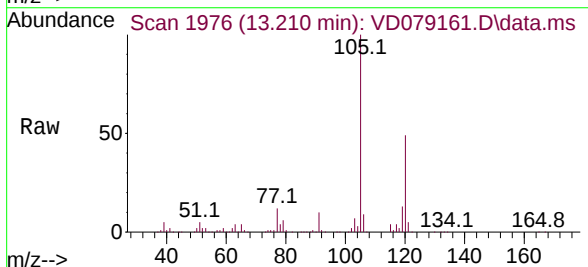
Instrument :
MSVOA_D
ClientSampleId :

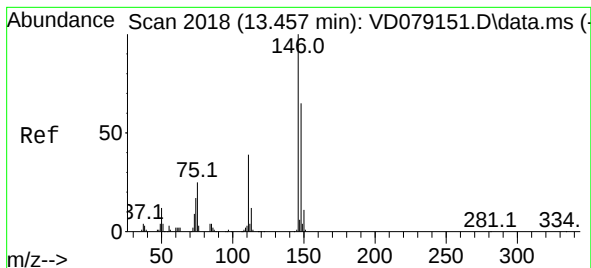
Tgt Ion:105 Resp: 200591
Ion Ratio Lower Upper
105 100
120 53.1 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 23.254 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079161.D
Acq: 10 Jun 2024 16:20

Tgt Ion:105 Resp: 225926
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 22.476 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

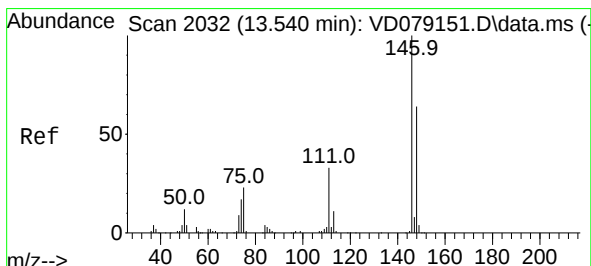
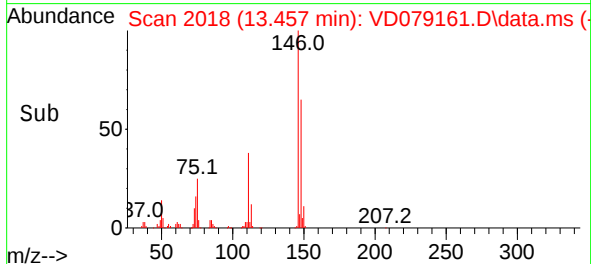
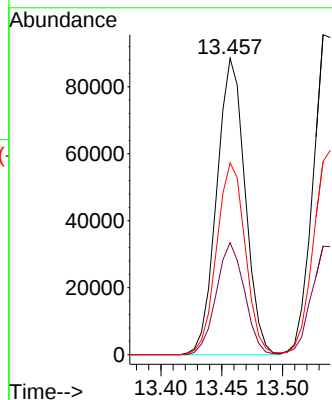
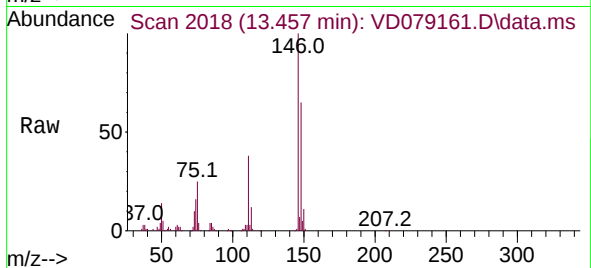
Tgt Ion:146 Resp: 143444

Ion Ratio Lower Upper

146 100

111 37.8 24.4 45.4

148 64.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 22.686 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

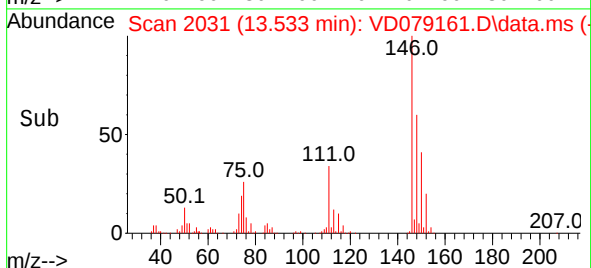
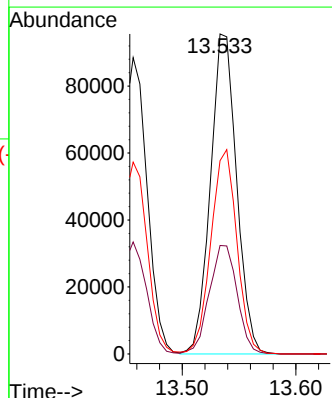
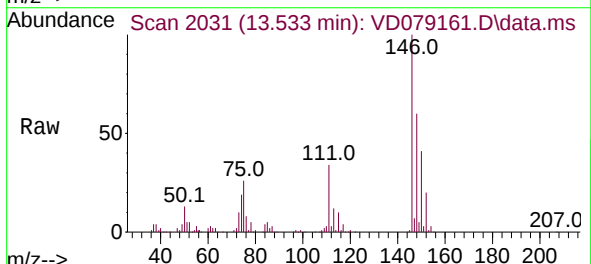
Tgt Ion:146 Resp: 153411

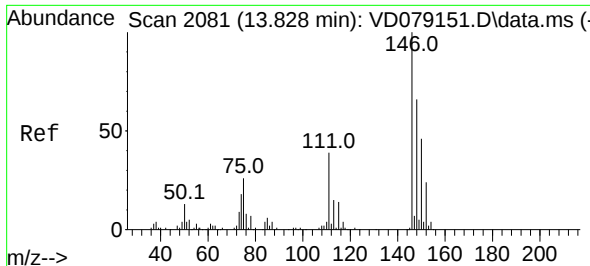
Ion Ratio Lower Upper

146 100

111 33.9 26.3 48.9

148 60.4 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 22.943 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

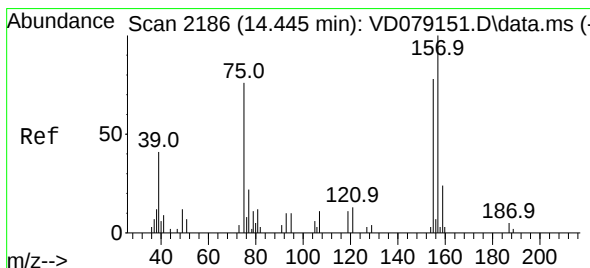
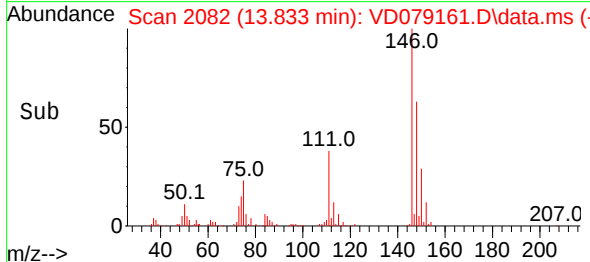
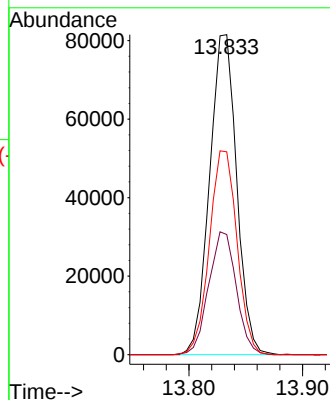
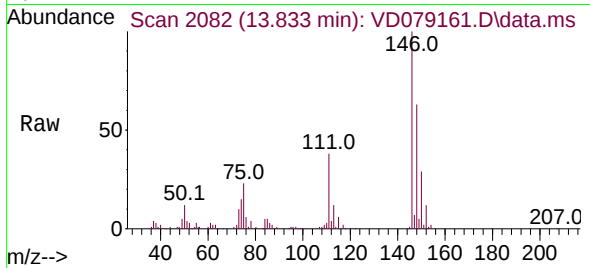
Tgt Ion:146 Resp: 135360

Ion Ratio Lower Upper

146 100

111 37.6 29.1 43.7

148 63.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.700 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

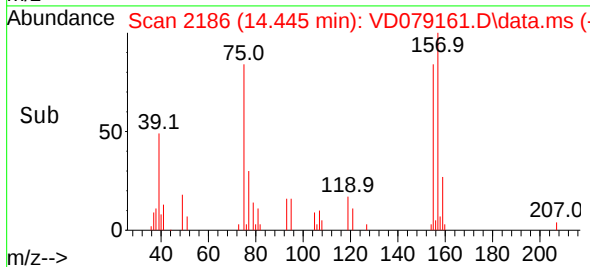
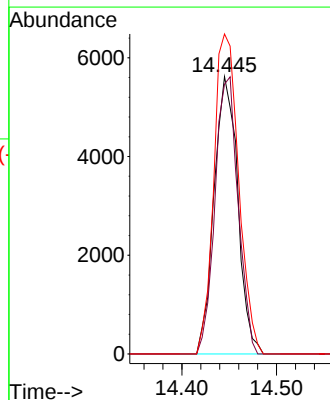
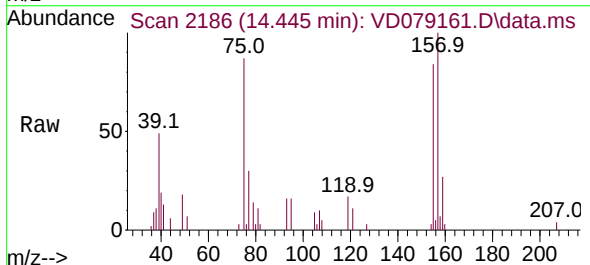
Tgt Ion: 75 Resp: 9736

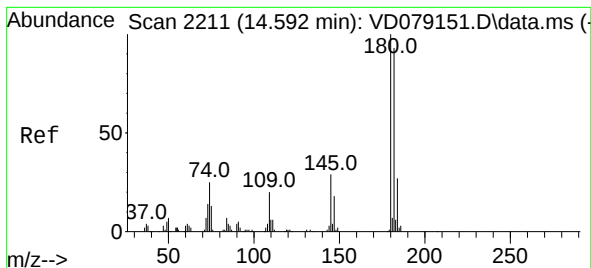
Ion Ratio Lower Upper

75 100

155 97.3 68.1 102.1

157 115.4 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 21.632 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

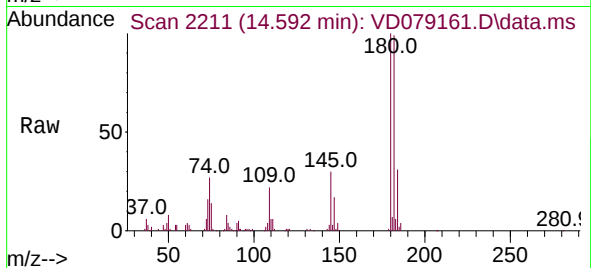
Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 87073

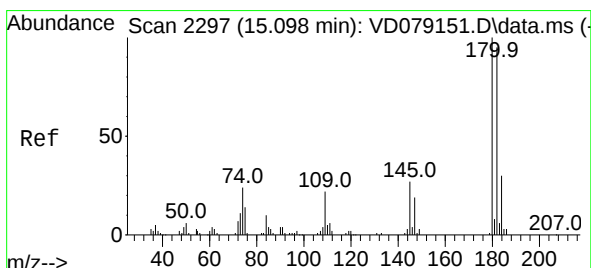
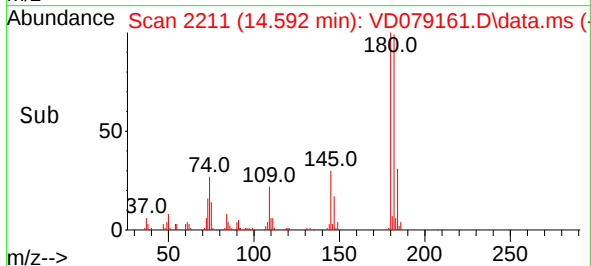
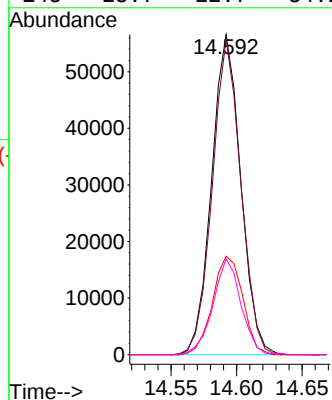
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

184 31.9 23.3 34.9

145 28.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 21.844 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

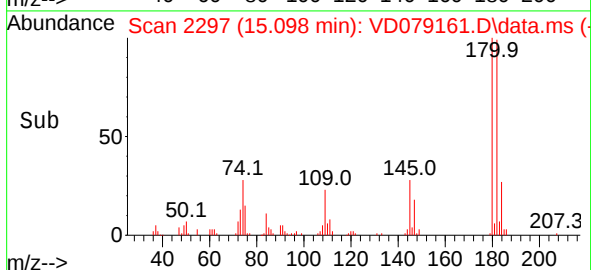
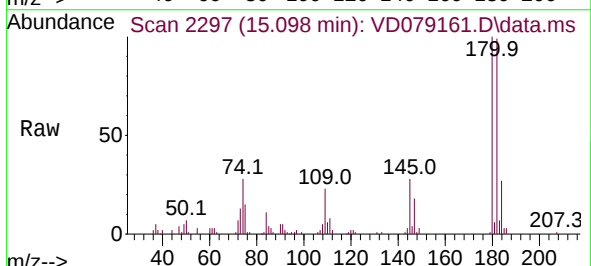
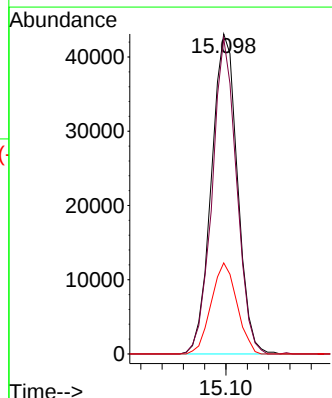
Tgt Ion:180 Resp: 73024

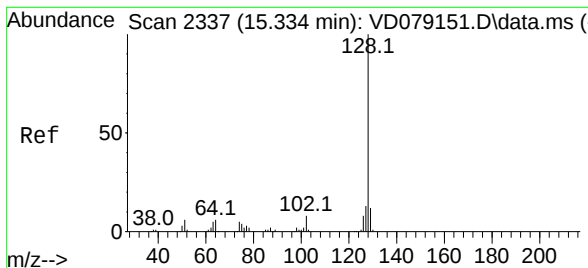
Ion Ratio Lower Upper

180 100

182 92.6 73.8 110.6

145 28.2 22.3 33.5





#71

Naphthalene

Concen: 24.395 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

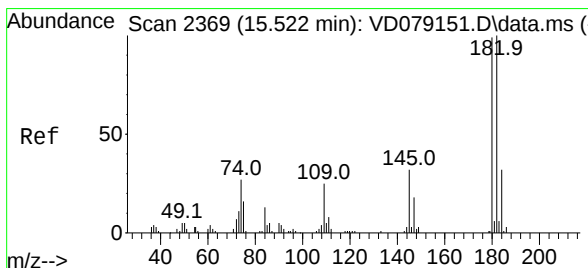
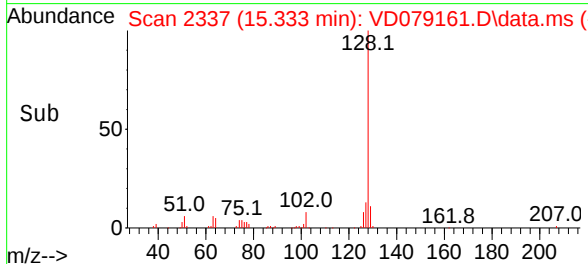
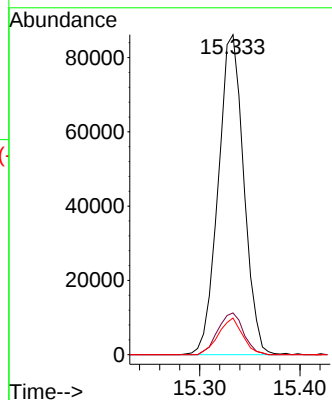
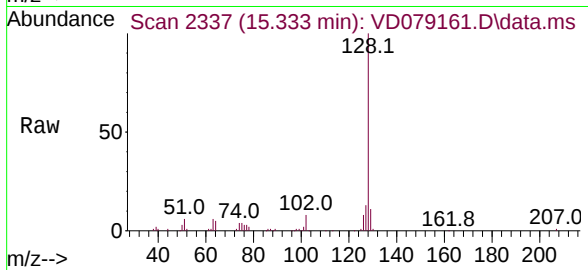
Tgt Ion:128 Resp: 152515

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.363 ug/L

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD079161.D

Acq: 10 Jun 2024 16:20

Tgt Ion:180 Resp: 70392

Ion Ratio Lower Upper

180 100

182 96.6 79.4 119.2

145 30.8 24.7 37.1

