

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091124\
 Data File : VD079818.D
 Acq On : 11 Sep 2024 10:31
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 01:21:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 06:11:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	186505	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178399	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87810	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	203923	25.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
7) Chloroethane-d5	2.799	69	161657	25.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	3.911	65	38014	25.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.280%
21) 2-Butanone-d5	6.987	46	42429	56.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.620%
24) Chloroform-d	7.569	84	158416	25.840	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	8.228	65	87756	27.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.480%
32) Benzene-d6	8.199	84	350965	27.866	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.480%
36) 1,2-Dichloropropane-d6	9.210	67	108131	28.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.120%
41) Toluene-d8	10.269	98	323494	29.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.760%
43) trans-1,3-Dichloroprop...	10.522	79	47005	28.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.360%
47) 2-Hexanone-d5	10.875	63	38781	61.674	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.340%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	82329	29.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.160%
66) 1,2-Dichlorobenzene-d4	13.810	152	90964	27.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.880%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	80415	22.612	ug/L	99
3) Chloromethane	2.146	50	144906	23.244	ug/L	99
5) Vinyl chloride	2.281	62	176121	23.055	ug/L	99
6) Bromomethane	2.693	94	87966	22.869	ug/L	96
8) Chloroethane	2.834	64	116740	23.131	ug/L	95
9) Trichlorofluoromethane	3.175	101	123029	22.399	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72480	23.840	ug/L	98
12) 1,1-Dichloroethene	3.940	96	66464	23.471	ug/L	95
13) Acetone	4.022	43	58489	63.669	ug/L	96
14) Carbon disulfide	4.270	76	207098	22.483	ug/L	100
15) Methyl Acetate	4.564	43	35646	24.360	ug/L #	77
16) Methylene chloride	4.799	84	84456	22.917	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	38550	12.767	ug/L	95
18) Methyl tert-butyl Ether	5.317	73	169390	24.938	ug/L	99
19) 1,1-Dichloroethane	6.111	63	141575	23.606	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	81470	24.506	ug/L	94
22) 2-Butanone	7.075	43	59772	55.467	ug/L	96
23) Bromochloromethane	7.428	128	33486	23.732	ug/L	93
25) Chloroform	7.593	83	152841	24.482	ug/L	98

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 Response via : Initial Calibration

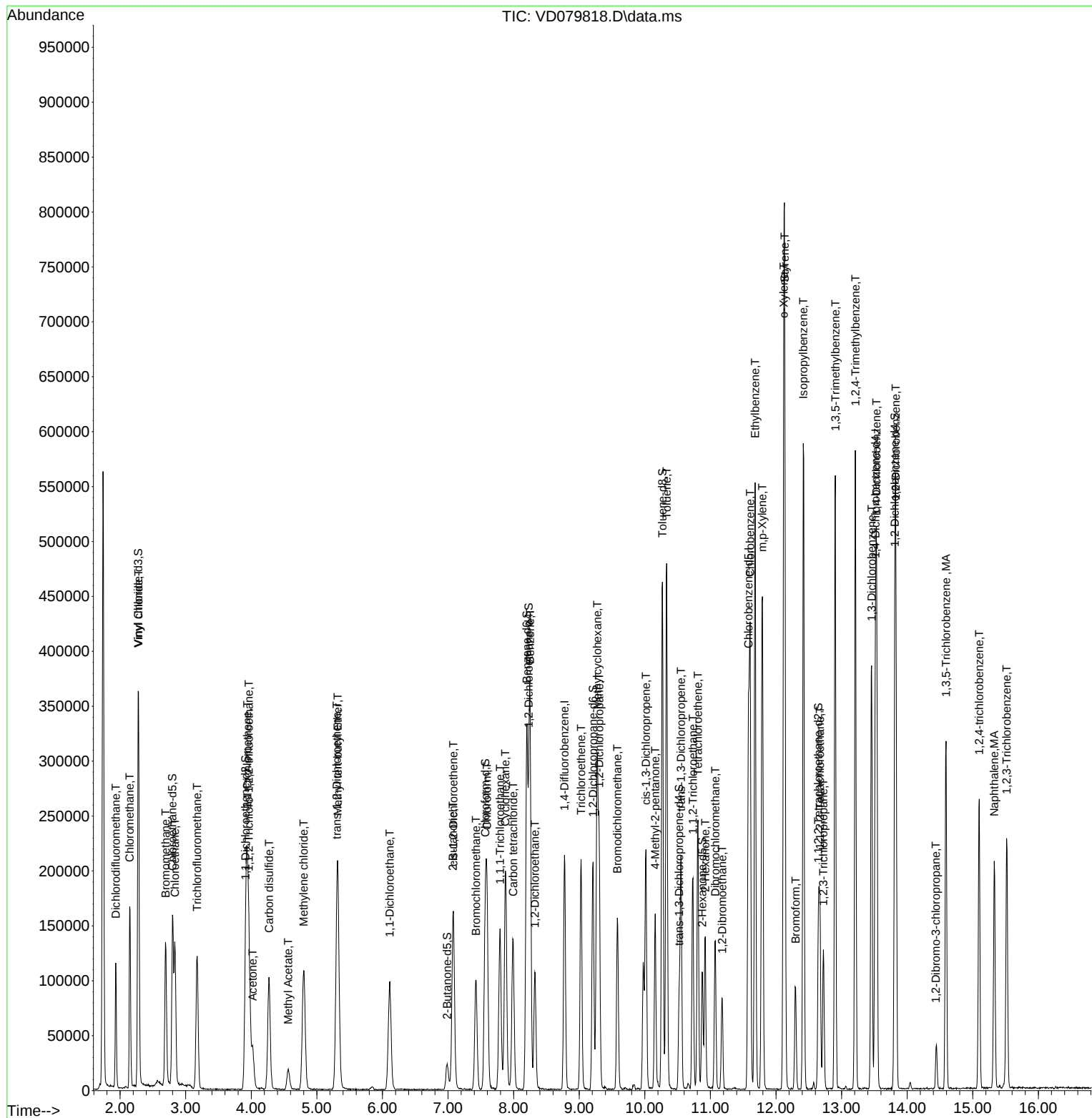
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	91177	23.895	ug/L	99
29) Cyclohexane	7.875	56	107698	24.406	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	119641	24.603	ug/L	99
31) Carbon tetrachloride	7.993	117	105165	24.409	ug/L	98
33) Benzene	8.252	78	336256	25.313	ug/L	100
34) Trichloroethene	9.028	95	75085	24.462	ug/L	94
35) Methylcyclohexane	9.275	83	121905	24.610	ug/L	99
37) 1,2-Dichloropropane	9.305	63	92169	25.442	ug/L #	100
38) Bromodichloromethane	9.581	83	105549	25.004	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	136132	26.760	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	105285	55.519	ug/L	98
42) Toluene	10.334	91	357376	25.540	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	119503	26.655	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61962	25.034	ug/L	90
46) Tetrachloroethene	10.810	164	52117	25.010	ug/L	94
48) 2-Hexanone	10.922	43	92150	59.739	ug/L	98
49) Dibromochloromethane	11.075	129	70245	26.001	ug/L	97
50) 1,2-Dibromoethane	11.181	107	53916	25.221	ug/L	96
51) Chlorobenzene	11.604	112	211991	25.245	ug/L	98
52) Ethylbenzene	11.681	91	378072	25.720	ug/L	96
53) m,p-Xylene	11.793	106	144795	26.007	ug/L	98
54) o-Xylene	12.116	106	138985	25.460	ug/L	93
55) Styrene	12.134	104	255226	26.602	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	76118	26.237	ug/L	92
59) Bromoform	12.299	173	39429	26.012	ug/L #	99
60) Isopropylbenzene	12.416	105	374829	24.724	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54220	25.120	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	291163	26.261	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	291908	25.106	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	155621	24.839	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	161482	24.573	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	141417	24.974	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.440	75	11011	24.933	ug/L	90
69) 1,3,5-Trichlorobenzene	14.593	180	92897	24.454	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	75804	23.700	ug/L	98
71) Naphthalene	15.328	128	175478	24.564	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	71329	24.932	ug/L	97

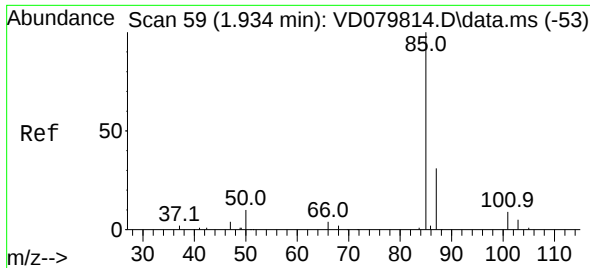
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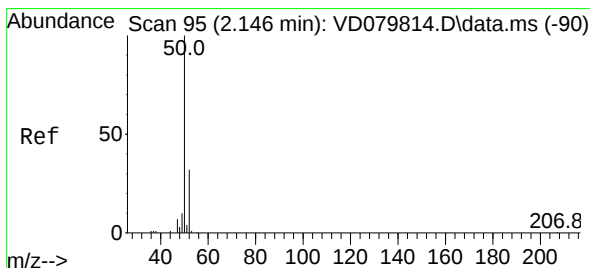
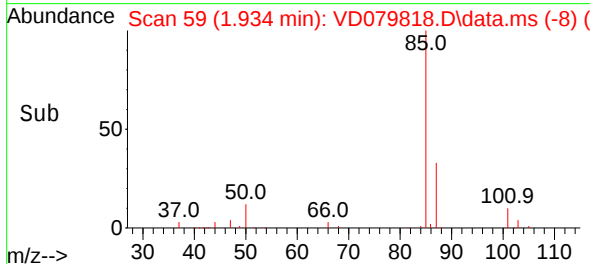
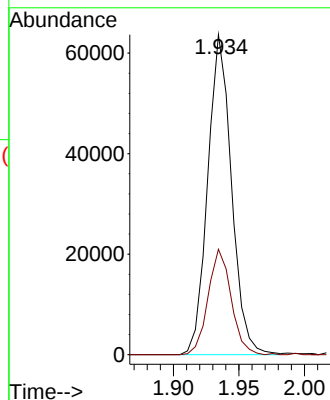
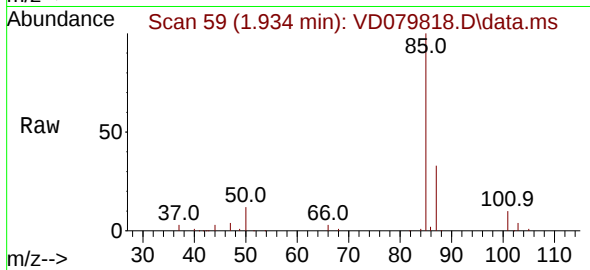




#2
Dichlorodifluoromethane
Concen: 22.612 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

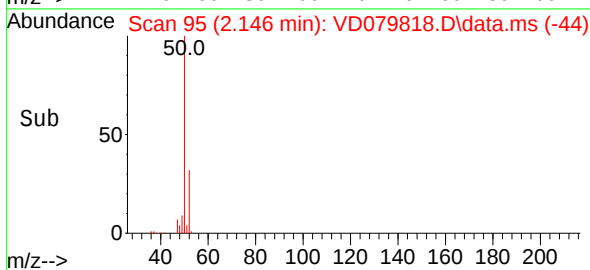
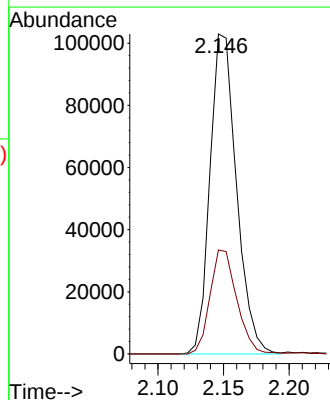
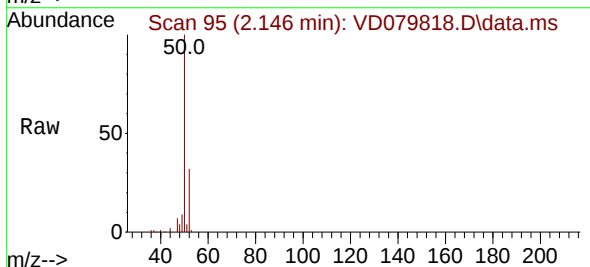
Instrument :
MSVOA_D
ClientSampleId :

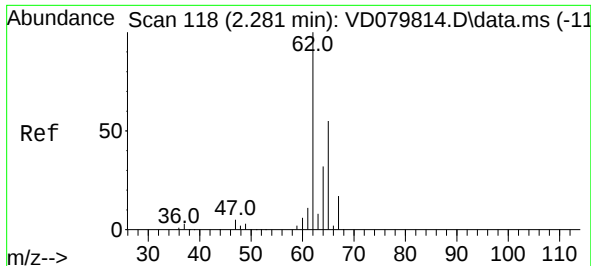
Tgt Ion: 85 Resp: 80415
Ion Ratio Lower Upper
85 100
87 31.9 25.0 37.6



#3
Chloromethane
Concen: 23.244 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 50 Resp: 144906
Ion Ratio Lower Upper
50 100
52 32.5 22.4 41.6

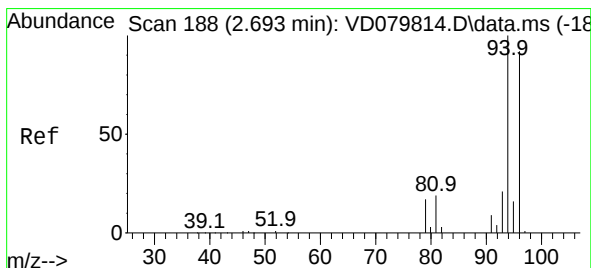
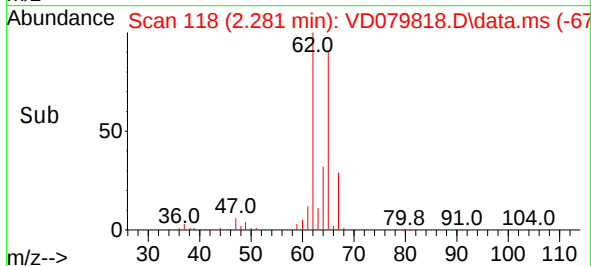
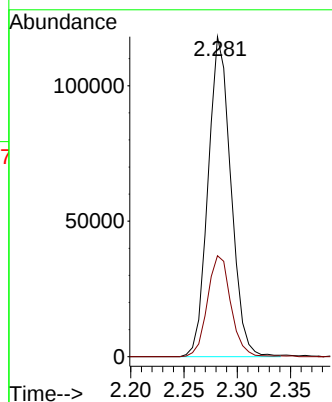
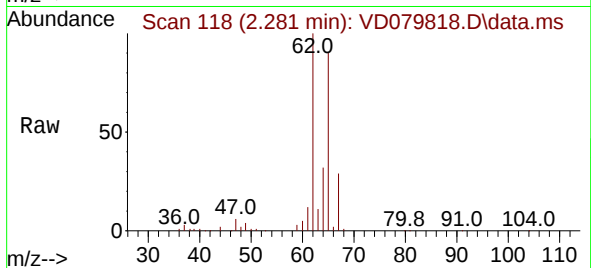




#5
 Vinyl chloride
 Concen: 23.055 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079818.D
 Acq: 11 Sep 2024 10:31

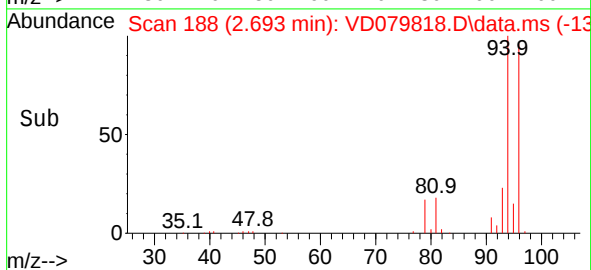
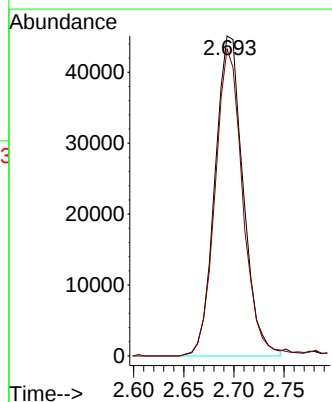
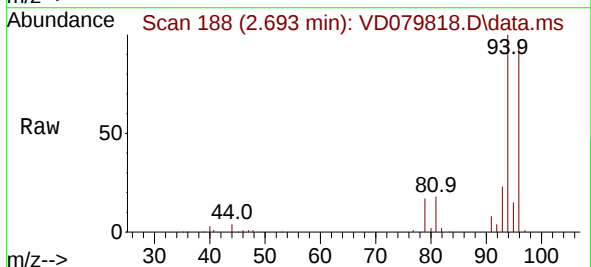
Instrument :
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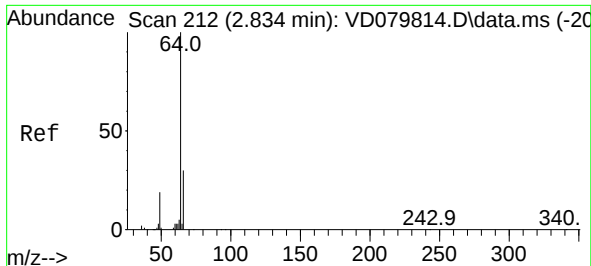
Tgt Ion: 62 Resp: 176121
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.6 42.0



#6
 Bromomethane
 Concen: 22.869 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079818.D
 Acq: 11 Sep 2024 10:31

Tgt Ion: 94 Resp: 87966
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.3 119.5

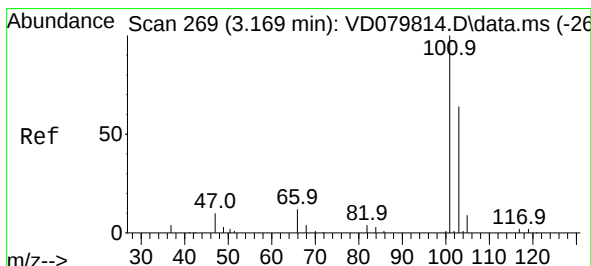
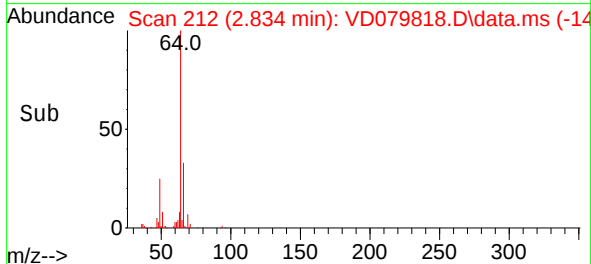
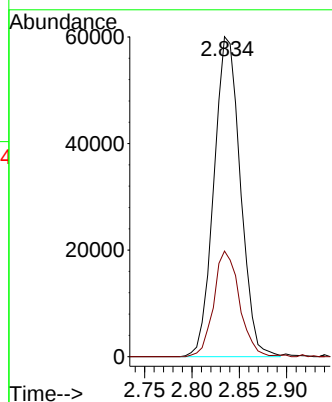
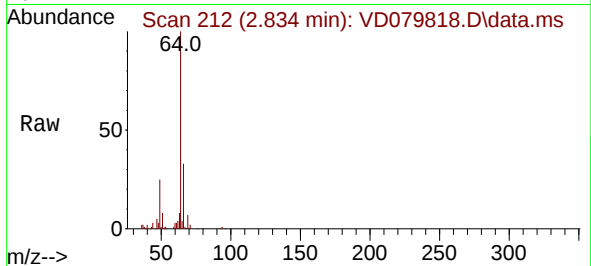




#8
Chloroethane
Concen: 23.131 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

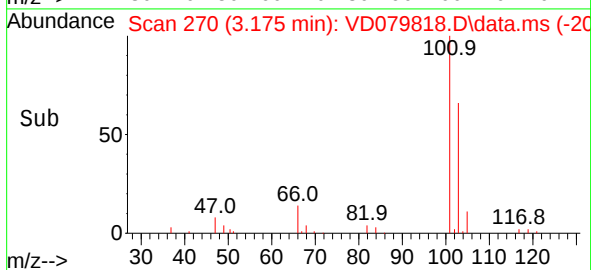
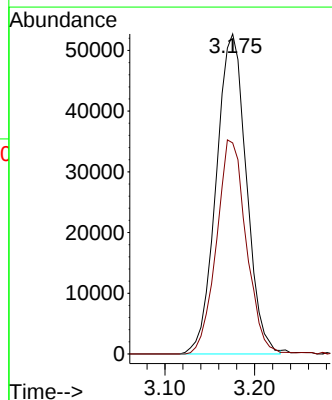
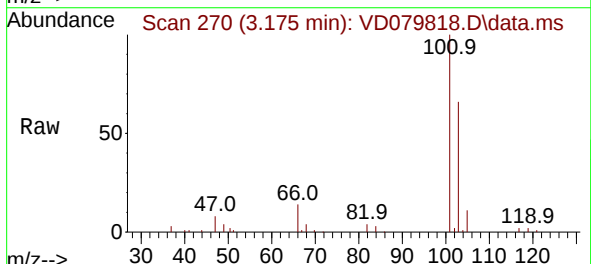
Instrument :
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ClientSampleId :

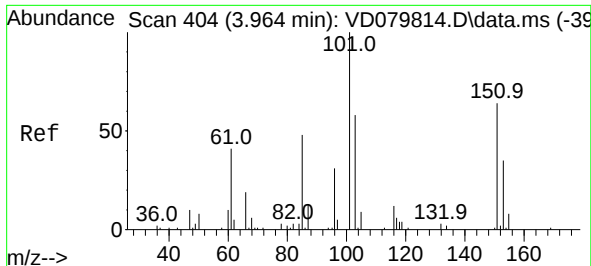
Tgt Ion: 64 Resp: 116740
Ion Ratio Lower Upper
64 100
66 33.0 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.399 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:101 Resp: 123029
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

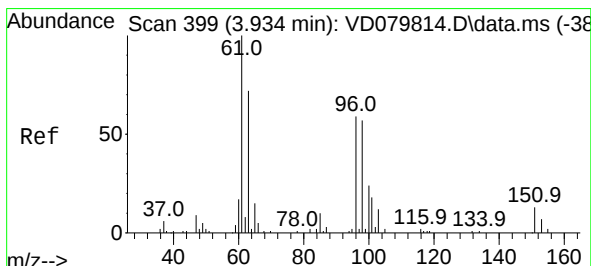
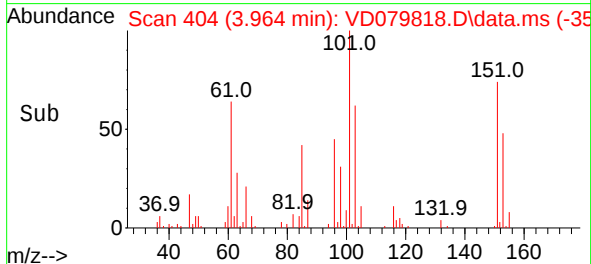
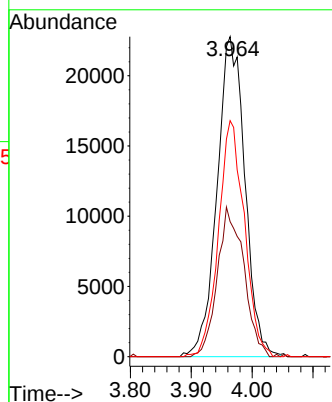
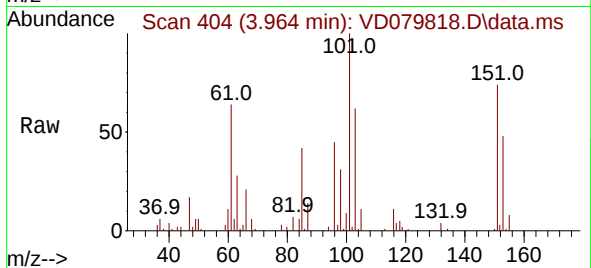




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.840 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079818.D
 Acq: 11 Sep 2024 10:31

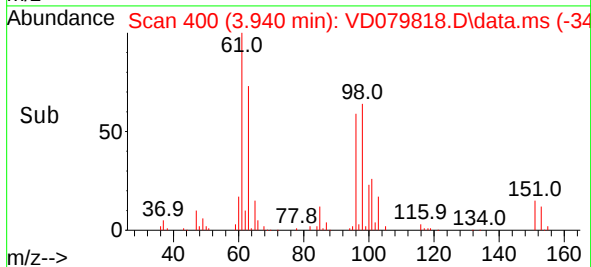
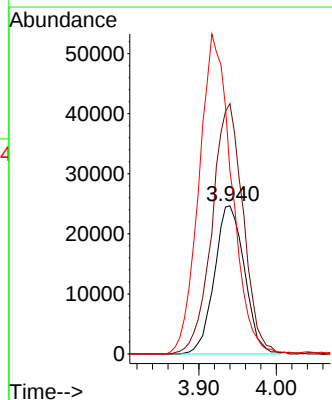
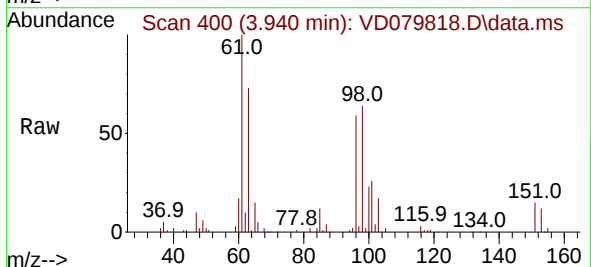
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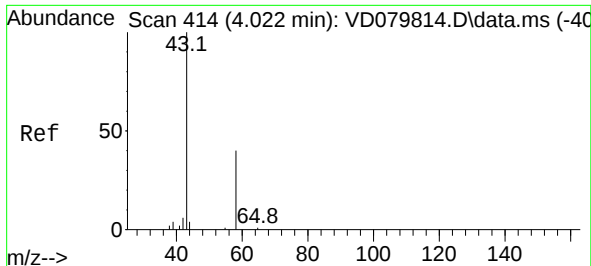
Tgt Ion:	101	Resp:	72480
Ion	Ratio	Lower	Upper
101	100		
85	44.4	37.8	56.8
151	68.5	54.2	81.4



#12
 1,1-Dichloroethene
 Concen: 23.471 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD079818.D
 Acq: 11 Sep 2024 10:31

Tgt Ion:	96	Resp:	66464
Ion	Ratio	Lower	Upper
96	100		
61	168.9	119.8	222.4
63	123.1	93.9	174.3





#13

Acetone

Concen: 63.669 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

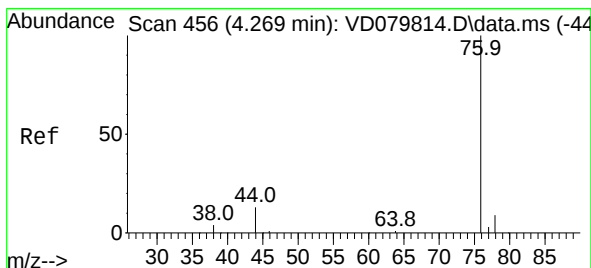
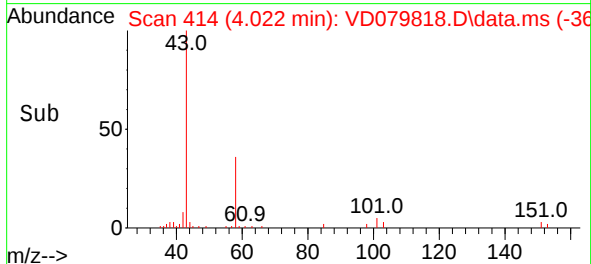
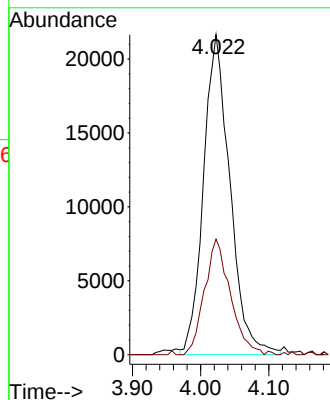
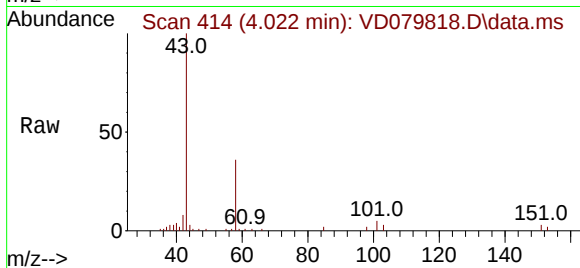
ClientSampleId :

Tgt Ion: 43 Resp: 58489

Ion Ratio Lower Upper

43 100

58 35.2 0.0 75.8



#14

Carbon disulfide

Concen: 22.483 ug/L

RT: 4.270 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079818.D

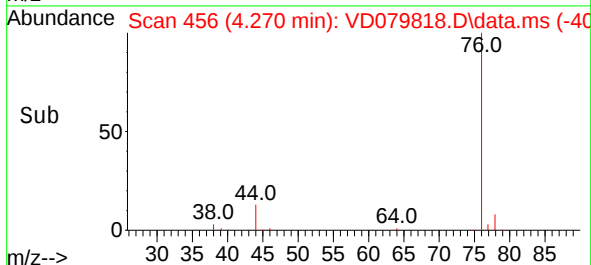
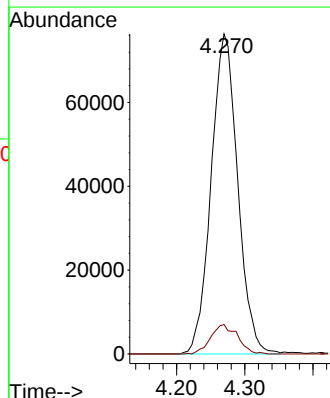
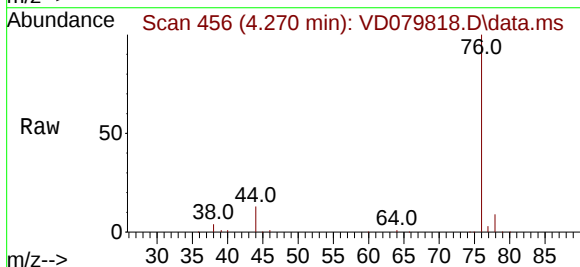
Acq: 11 Sep 2024 10:31

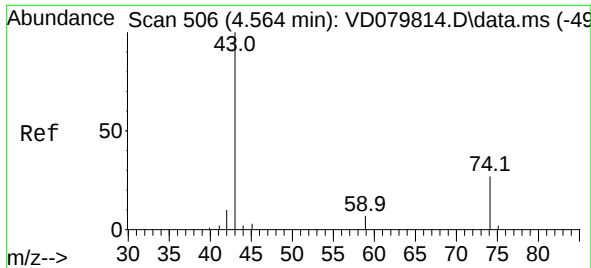
Tgt Ion: 76 Resp: 207098

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

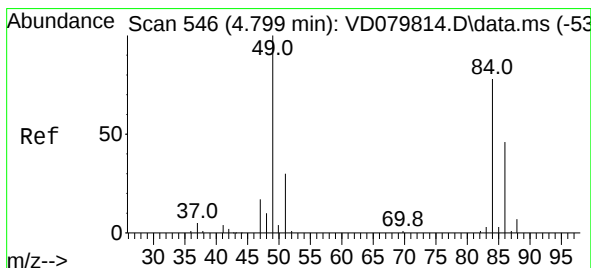
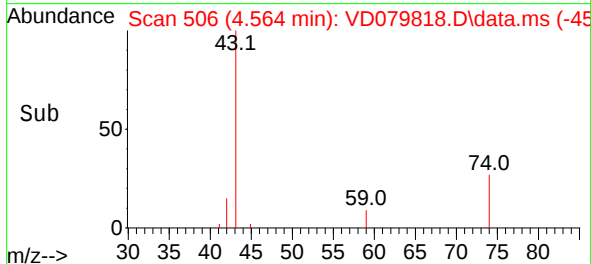
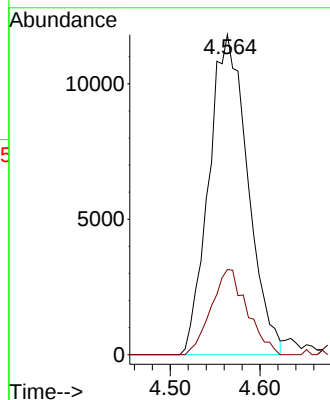
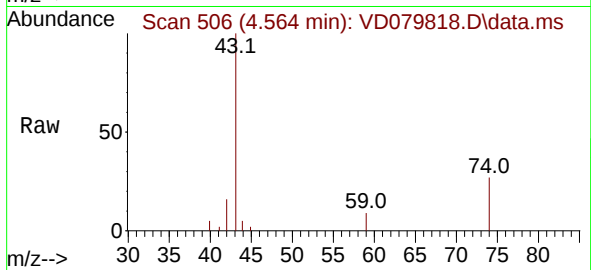




#15
Methyl Acetate
Concen: 24.360 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

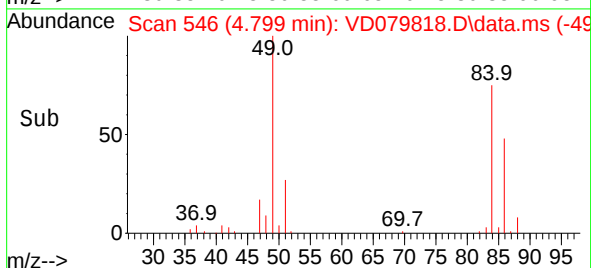
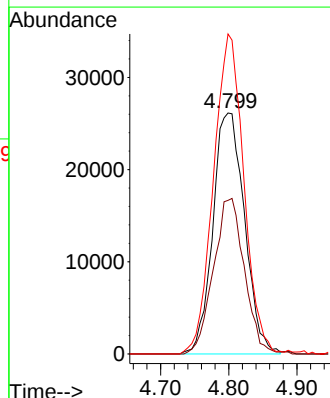
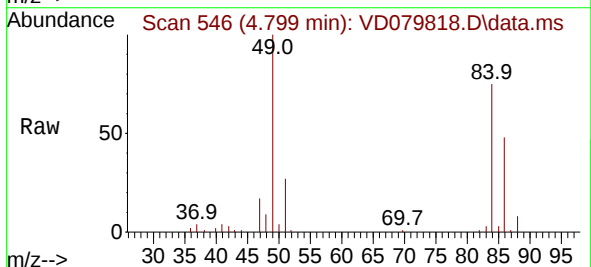
Instrument :
MSVOA_D
ClientSampleId :

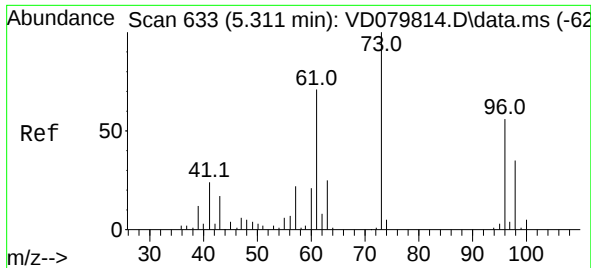
Tgt Ion: 43 Resp: 35646
Ion Ratio Lower Upper
43 100
74 24.6 11.9 17.9#



#16
Methylene chloride
Concen: 22.917 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 84 Resp: 84456
Ion Ratio Lower Upper
84 100
86 63.8 41.0 76.2
49 132.8 90.0 167.2

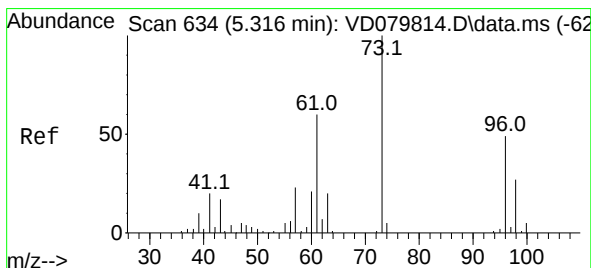
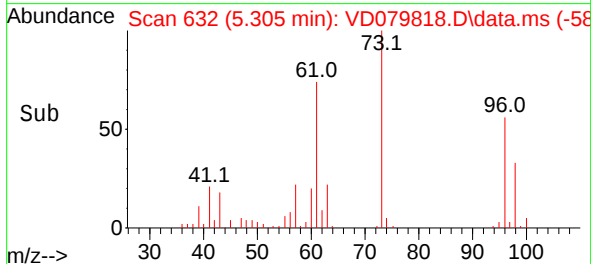
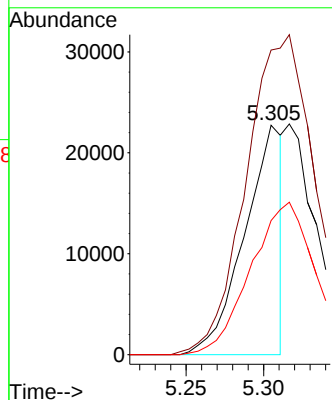
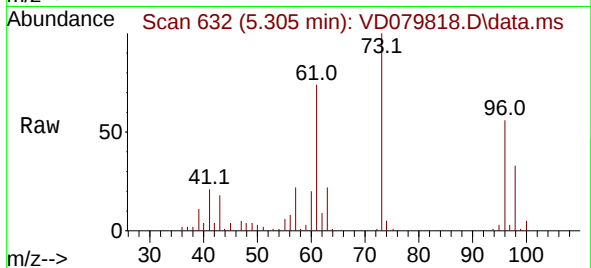




#17
trans-1,2-Dichloroethene
Concen: 12.767 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

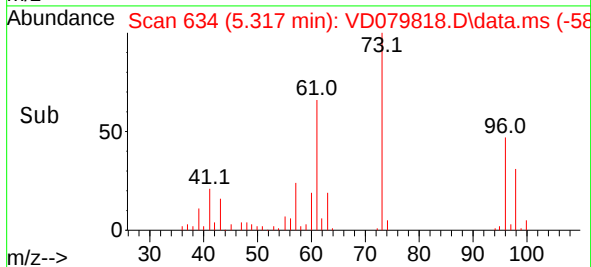
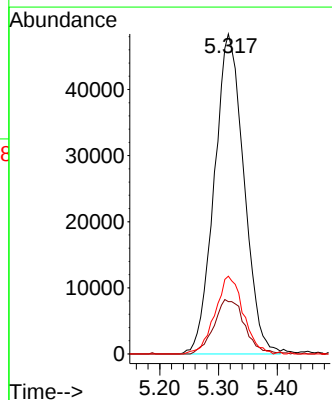
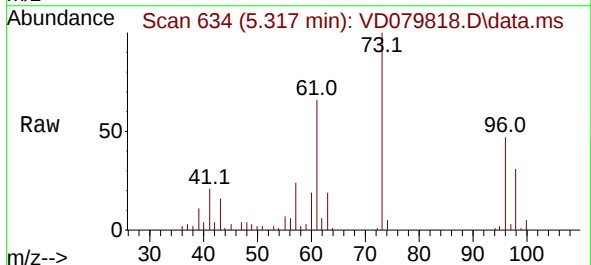
Instrument :
MSVOA_D
ClientSampleId :

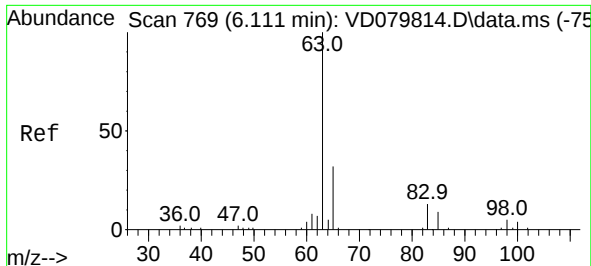
Tgt Ion: 96 Resp: 38550
Ion Ratio Lower Upper
96 100
61 132.8 88.7 164.7
98 58.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 24.938 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 73 Resp: 169390
Ion Ratio Lower Upper
73 100
43 17.2 14.5 21.7
57 23.2 18.8 28.2

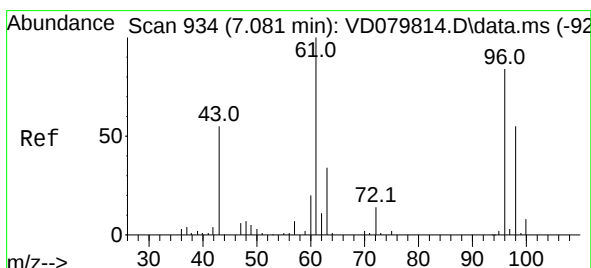
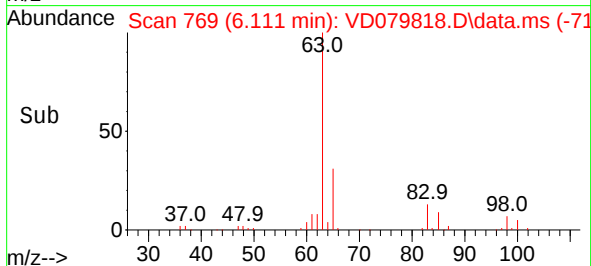
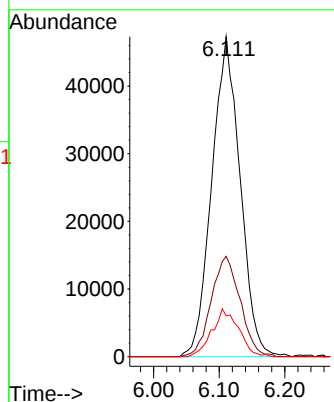
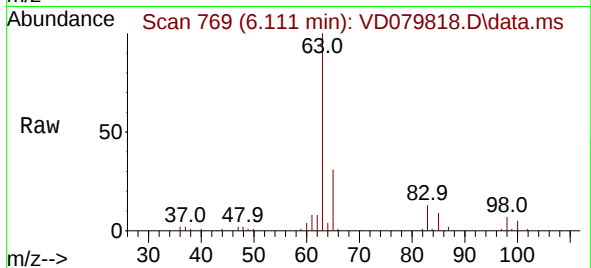




#19
1,1-Dichloroethane
Concen: 23.606 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

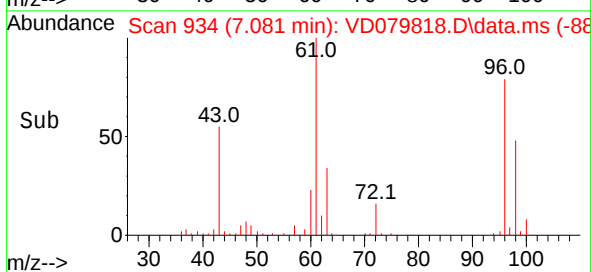
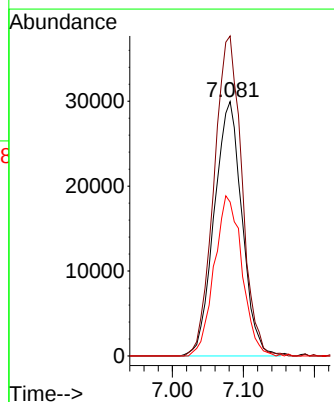
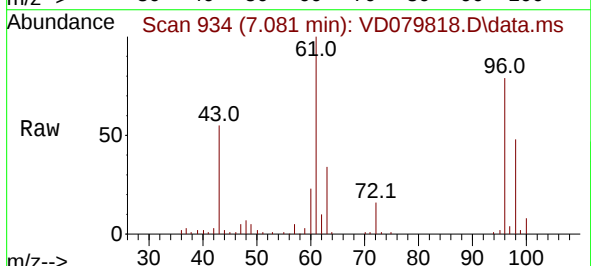
Instrument :
MSVOA_D
ClientSampleId :

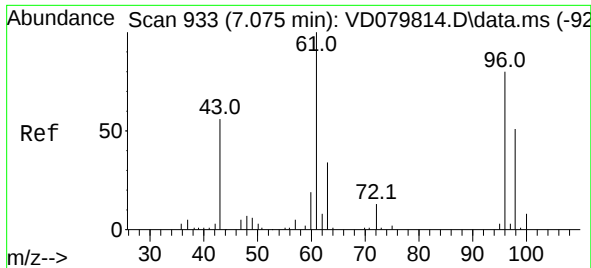
Tgt Ion:	63	Resp:	141575
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.6	42.0
83	12.7	9.0	16.8



#20
cis-1,2-Dichloroethene
Concen: 24.506 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:	96	Resp:	81470
Ion	Ratio	Lower	Upper
96	100		
61	125.8	83.8	155.6
98	60.5	45.9	85.3

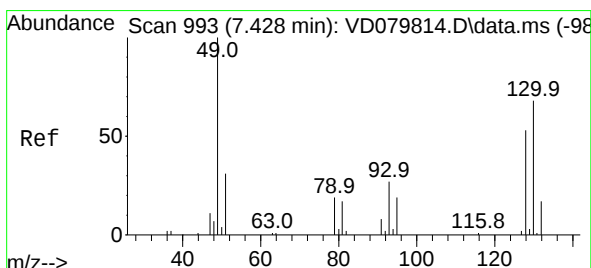
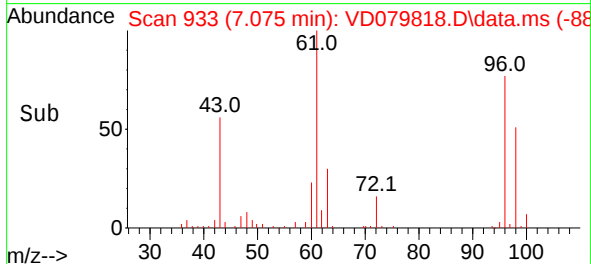
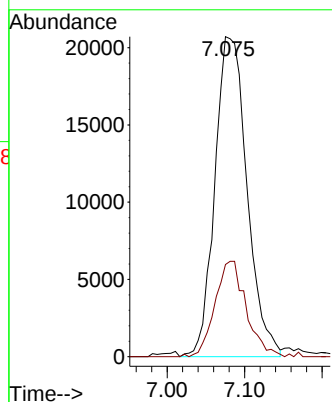
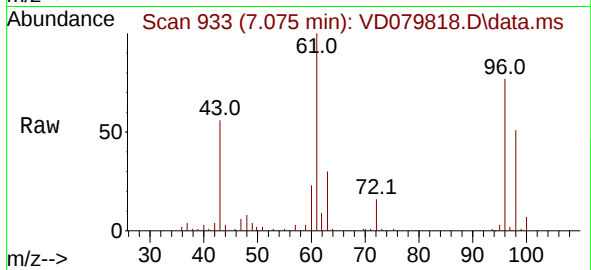




#22
2-Butanone
Concen: 55.467 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

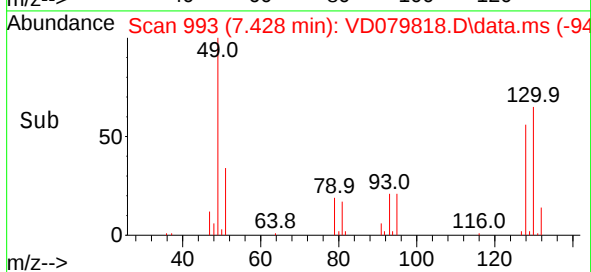
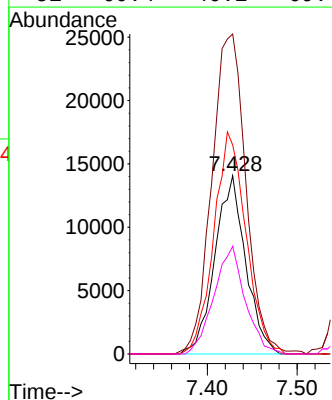
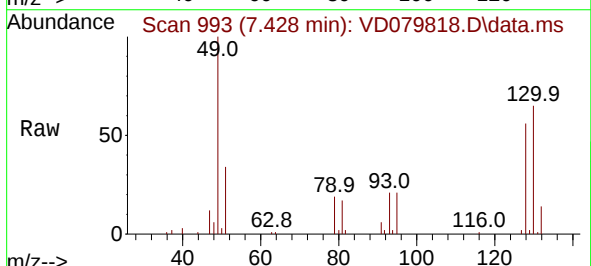
Instrument :
MSVOA_D
ClientSampleId :

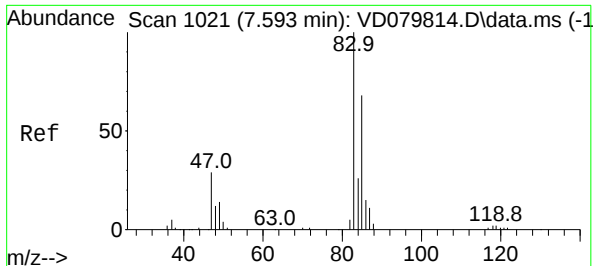
Tgt Ion: 43 Resp: 59772
Ion Ratio Lower Upper
43 100
72 28.3 13.1 39.3



#23
Bromochloromethane
Concen: 23.732 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:128 Resp: 33486
Ion Ratio Lower Upper
128 100
49 179.6 132.3 245.7
130 117.3 89.4 166.0
51 60.4 46.2 69.4

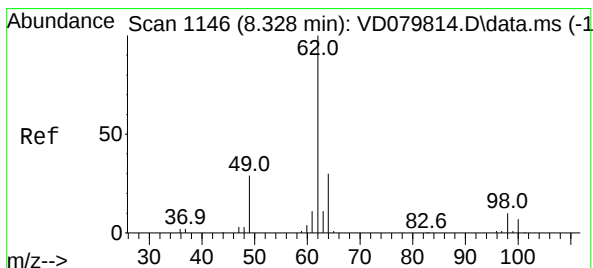
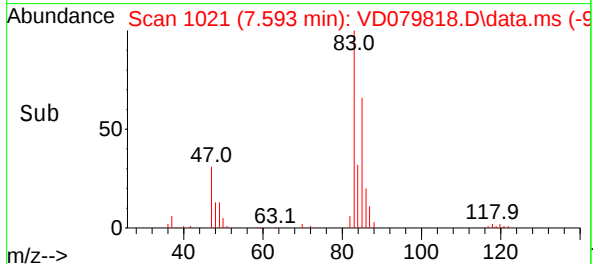
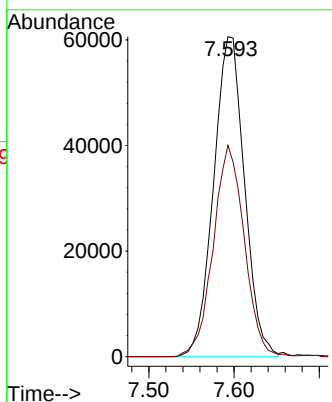
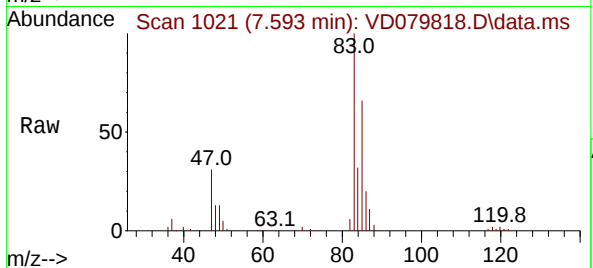




#25
Chloroform
Concen: 24.482 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

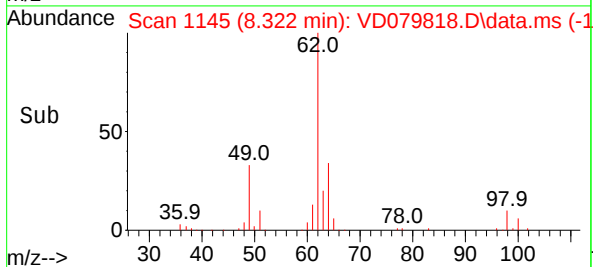
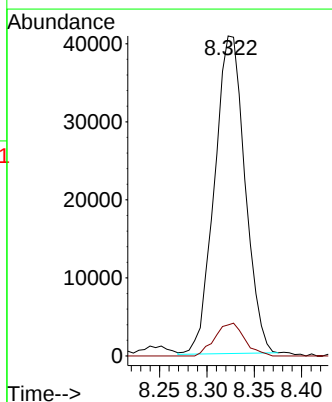
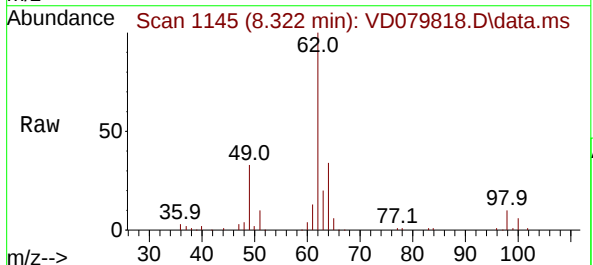
Instrument :
MSVOA_D
ClientSampleId :

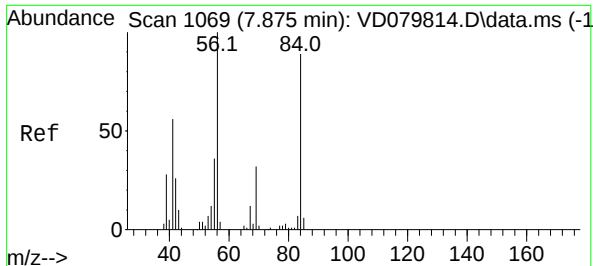
Tgt Ion: 83 Resp: 152841
Ion Ratio Lower Upper
83 100
85 66.0 47.3 87.9



#27
1,2-Dichloroethane
Concen: 23.895 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 62 Resp: 91177
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3

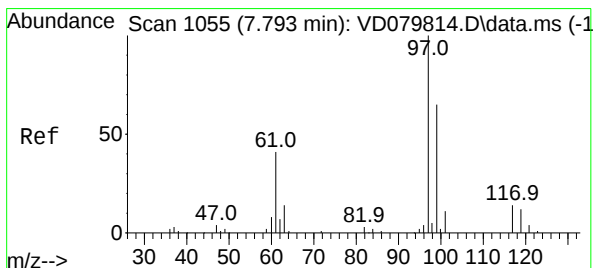
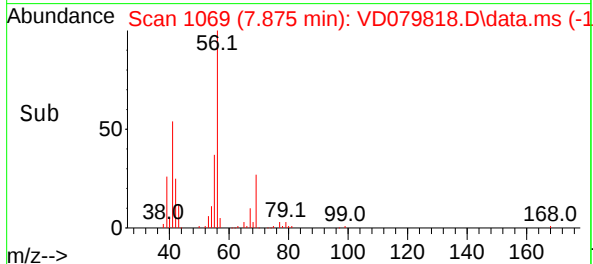
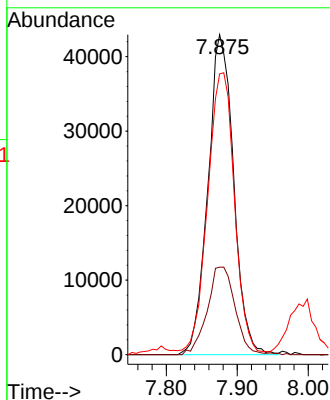
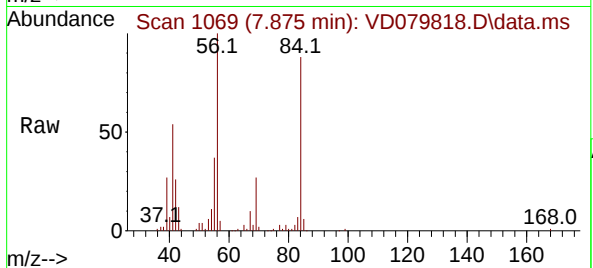




#29
Cyclohexane
Concen: 24.406 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

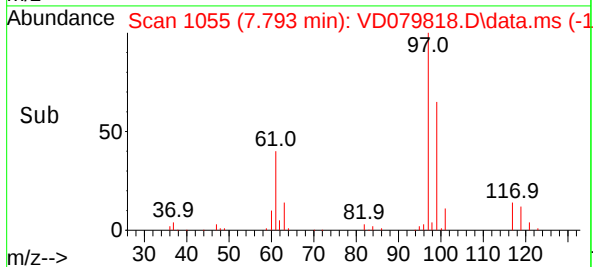
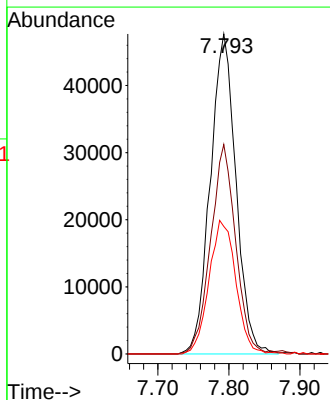
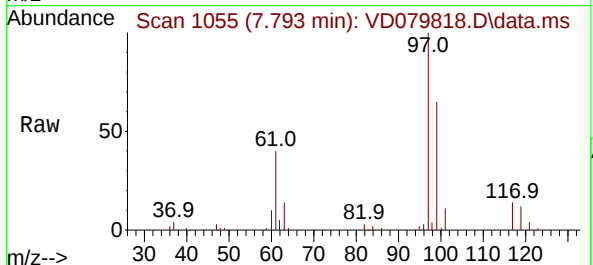
Instrument :
MSVOA_D
ClientSampleId :

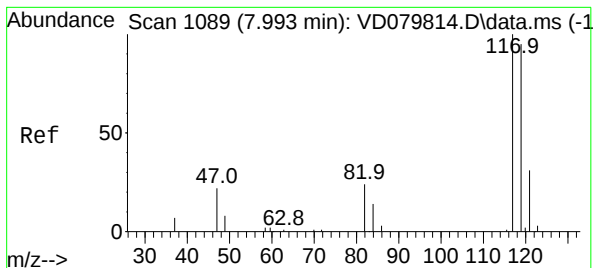
Tgt Ion: 56 Resp: 107698
Ion Ratio Lower Upper
56 100
69 29.6 22.8 34.2
84 92.7 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 24.603 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 97 Resp: 119641
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 43.4 35.4 53.2





#31

Carbon tetrachloride

Concen: 24.409 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

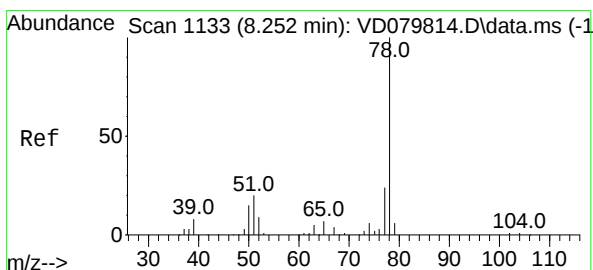
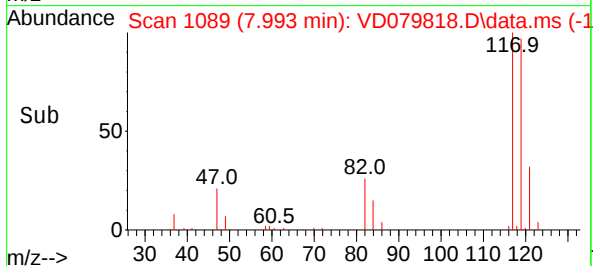
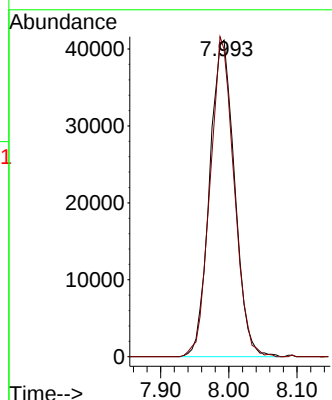
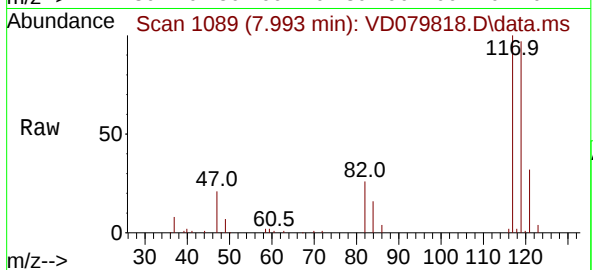
ClientSampleId :

Tgt Ion:117 Resp: 105165

Ion Ratio Lower Upper

117 100

119 96.5 76.0 114.0



#33

Benzene

Concen: 25.313 ug/L

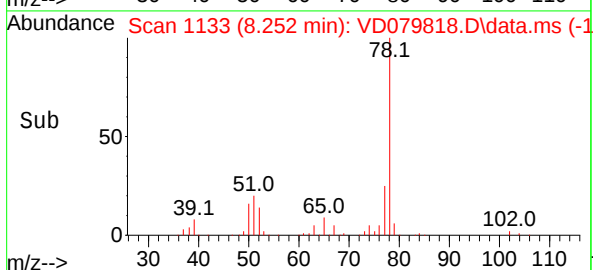
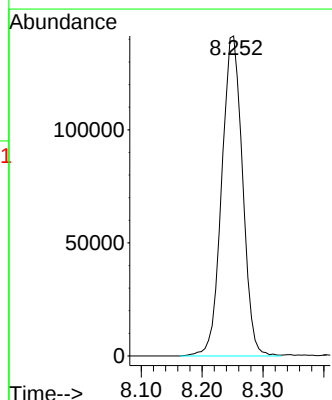
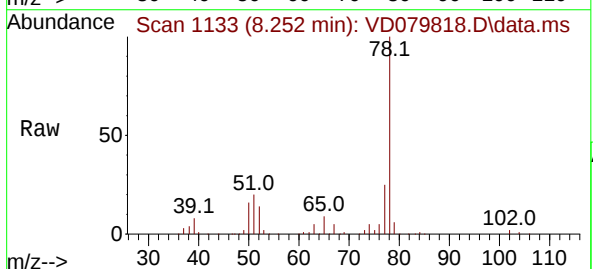
RT: 8.252 min Scan# 1133

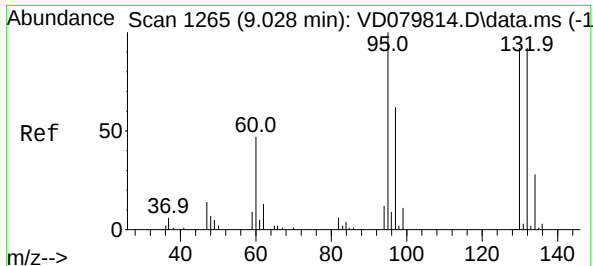
Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Tgt Ion: 78 Resp: 336256





#34

Trichloroethene

Concen: 24.462 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 75085

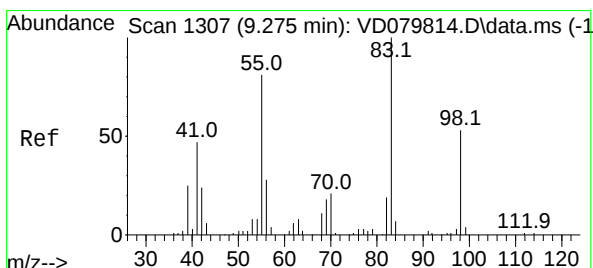
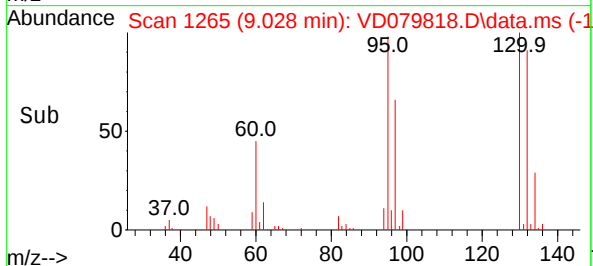
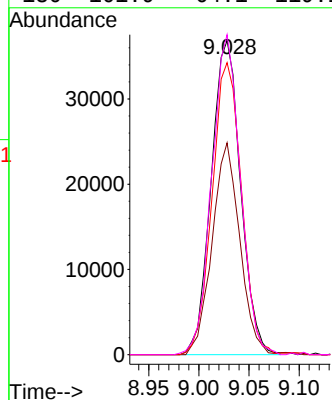
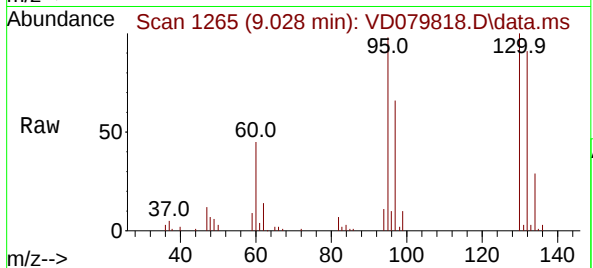
Ion Ratio Lower Upper

95 100

97 67.5 43.5 80.7

132 93.0 64.5 119.7

130 101.9 64.1 119.1



#35

Methylcyclohexane

Concen: 24.610 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

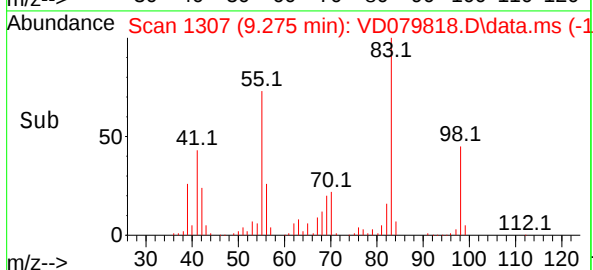
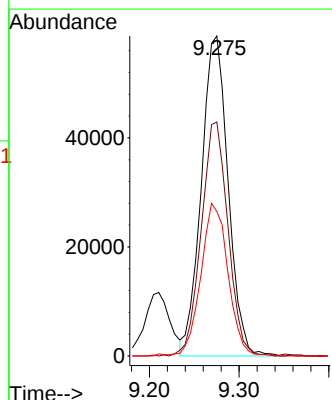
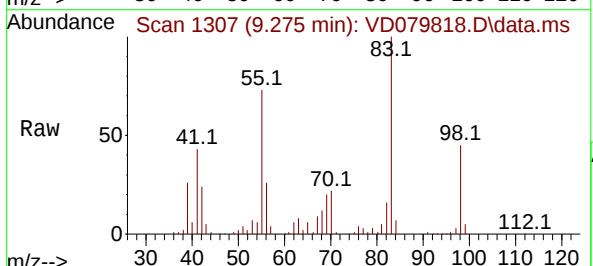
Tgt Ion: 83 Resp: 121905

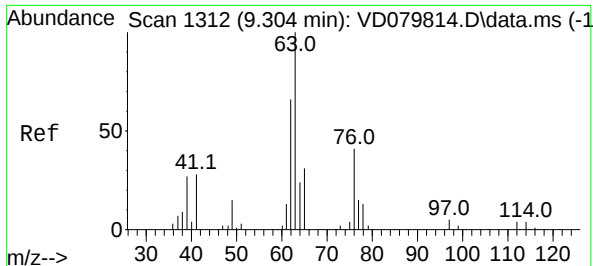
Ion Ratio Lower Upper

83 100

55 72.7 58.9 88.3

98 48.2 38.6 58.0

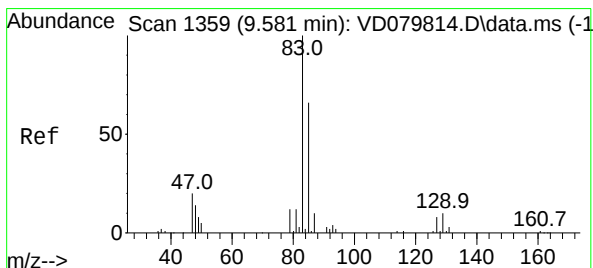
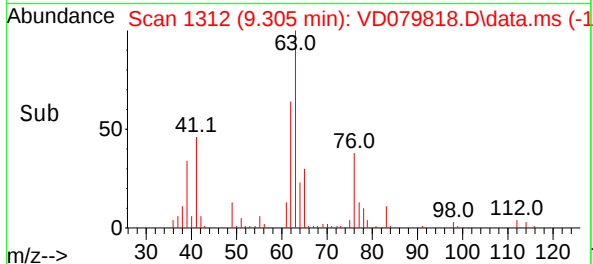
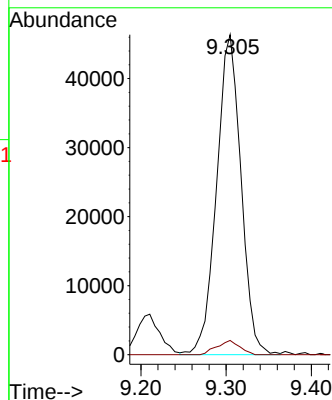
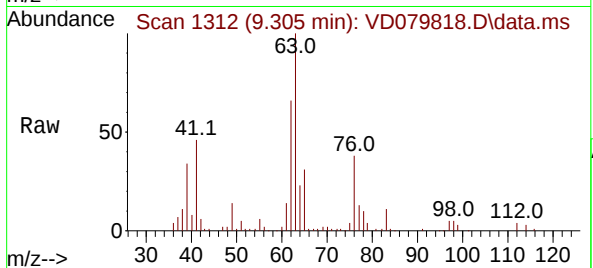




#37
1,2-Dichloropropane
Concen: 25.442 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

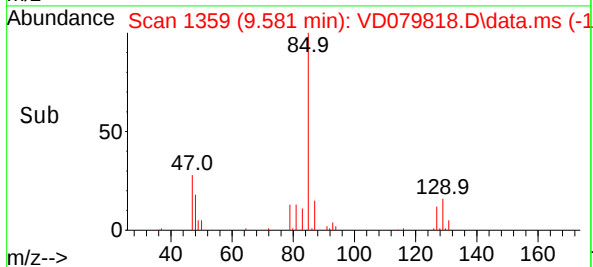
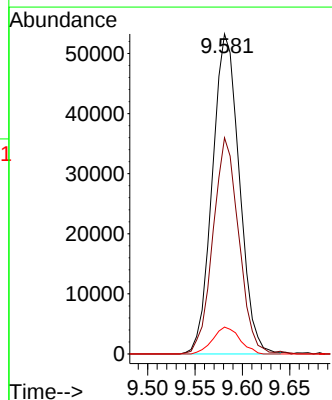
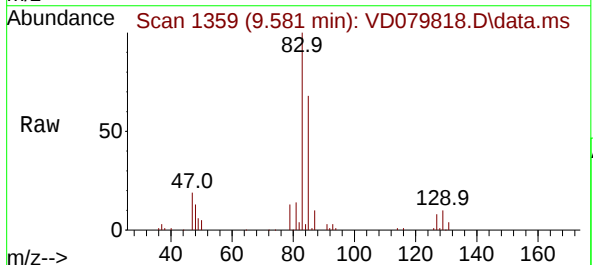
Instrument :
MSVOA_D
ClientSampleId :

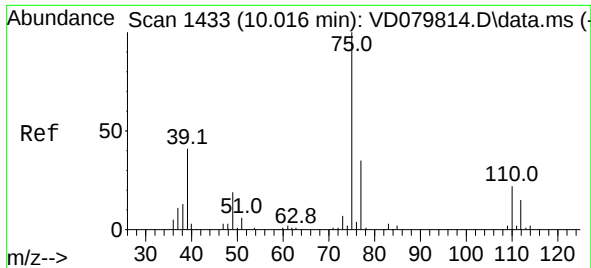
Tgt Ion: 63 Resp: 92169
Ion Ratio Lower Upper
63 100
112 4.1 0.0 0.0#



#38
Bromodichloromethane
Concen: 25.004 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 83 Resp: 105549
Ion Ratio Lower Upper
83 100
85 67.5 45.9 85.3
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.760 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

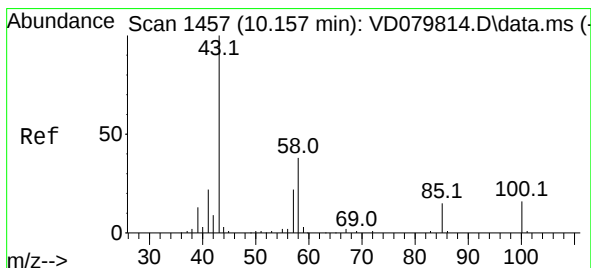
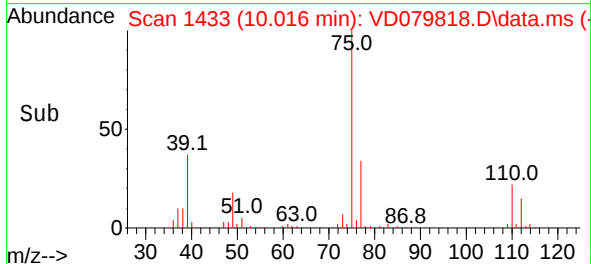
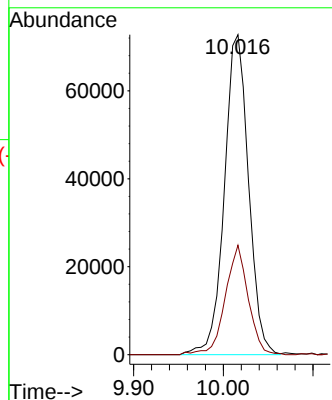
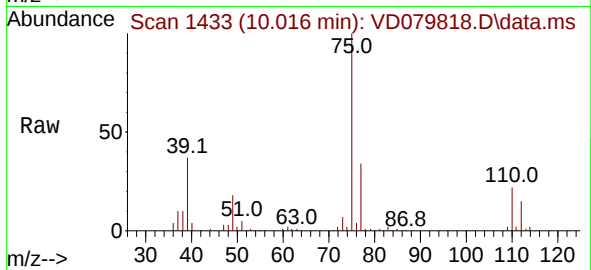
ClientSampleId :

Tgt Ion: 75 Resp: 136132

Ion Ratio Lower Upper

75 100

77 34.2 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 55.519 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

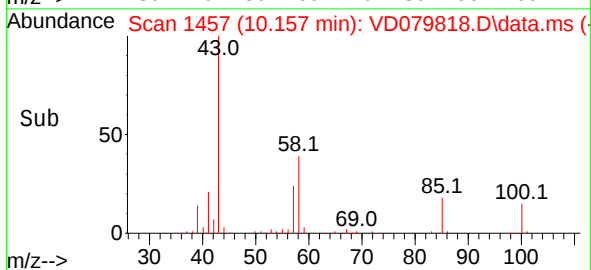
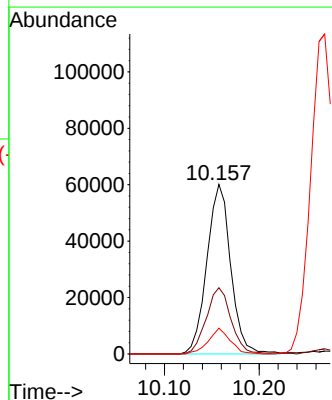
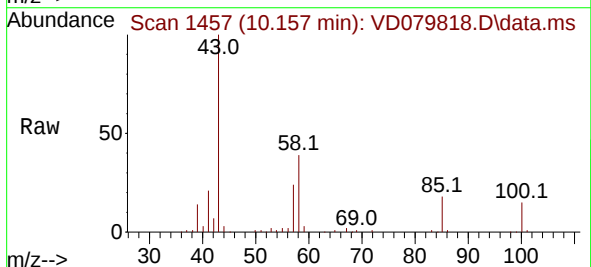
Tgt Ion: 43 Resp: 105285

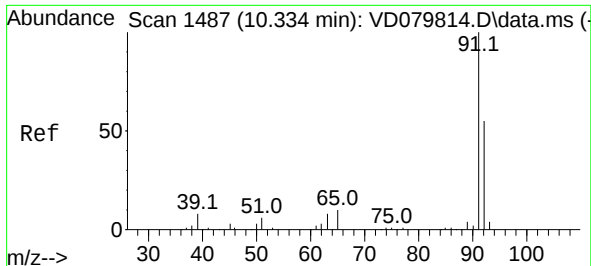
Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7

100 13.8 11.8 17.6

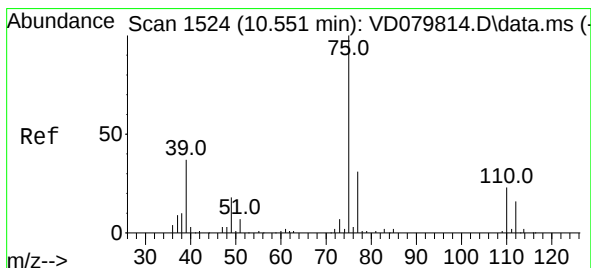
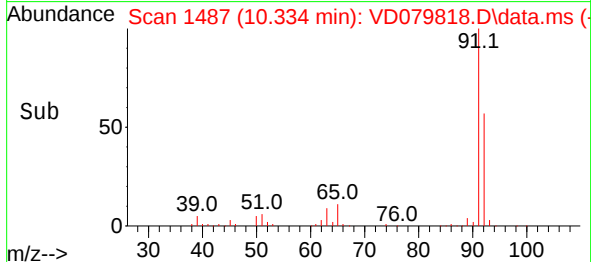
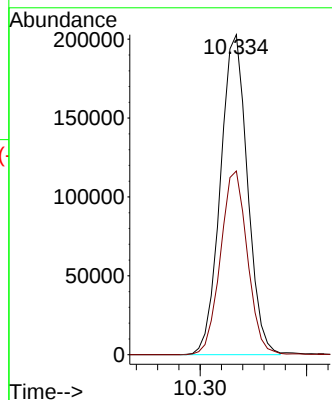
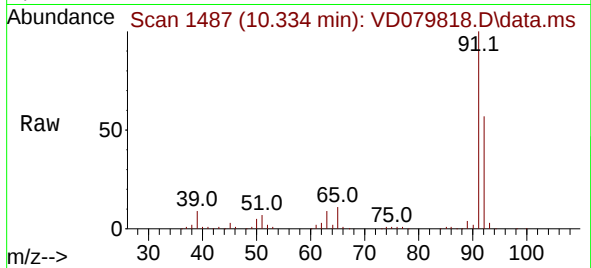




#42
Toluene
Concen: 25.540 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

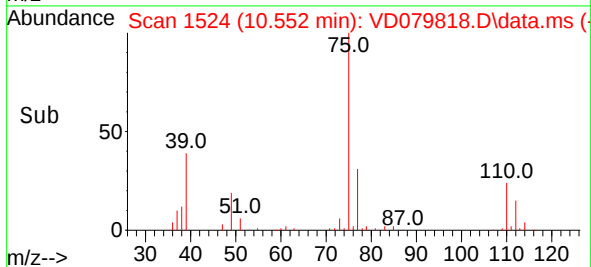
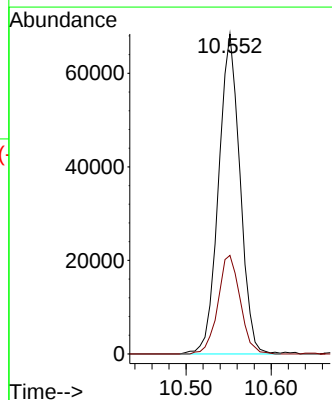
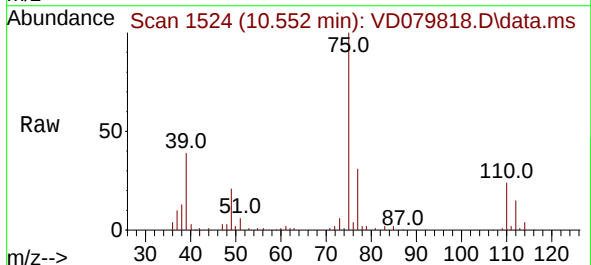
Instrument :
MSVOA_D
ClientSampleId :

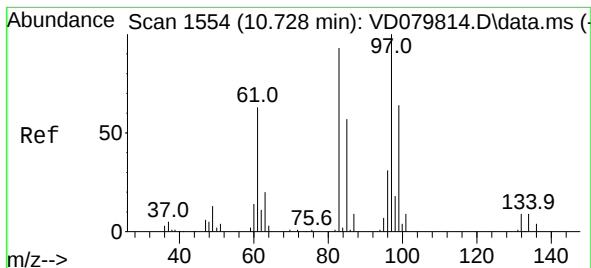
Tgt Ion: 91 Resp: 357376
Ion Ratio Lower Upper
91 100
92 57.4 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 26.655 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 75 Resp: 119503
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.034 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 61962

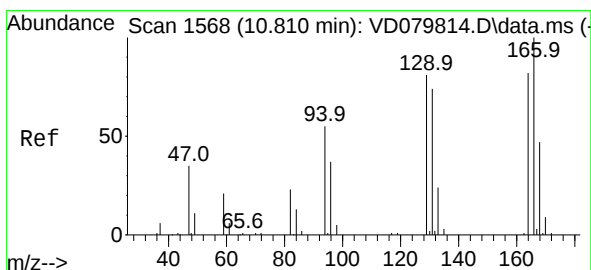
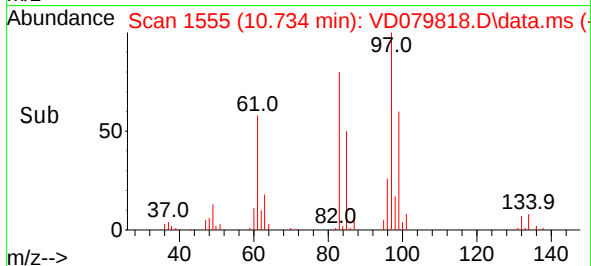
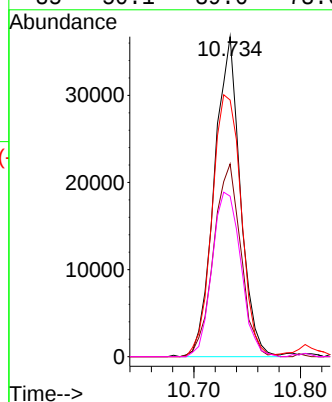
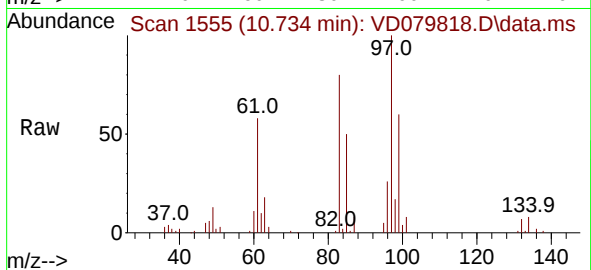
Ion Ratio Lower Upper

97 100

99 60.2 45.1 83.7

83 80.2 65.2 121.0

85 50.1 39.6 73.6



#46

Tetrachloroethene

Concen: 25.010 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Tgt Ion:164 Resp: 52117

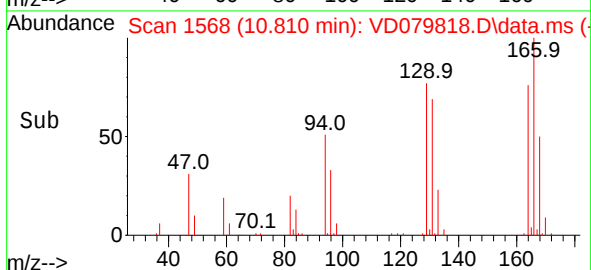
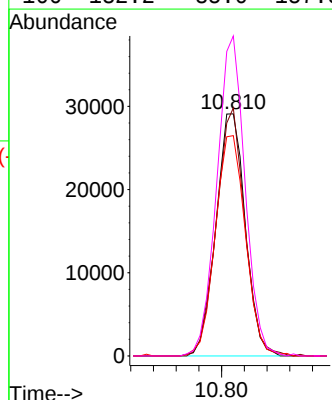
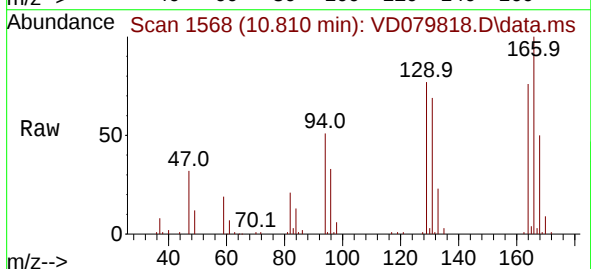
Ion Ratio Lower Upper

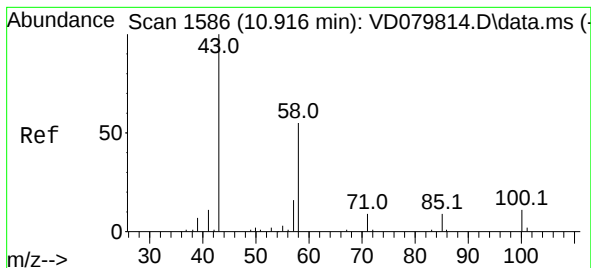
164 100

129 102.4 68.7 127.5

131 91.0 62.5 116.1

166 132.2 85.0 157.8





#48

2-Hexanone

Concen: 59.739 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

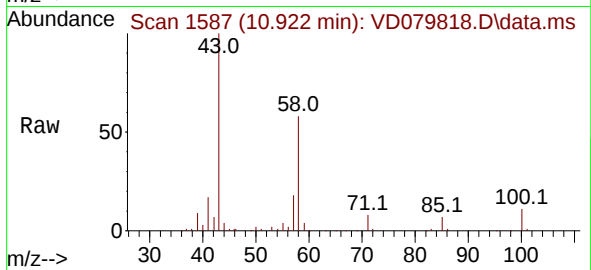
Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 92150

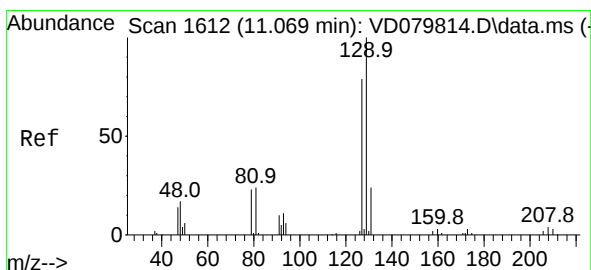
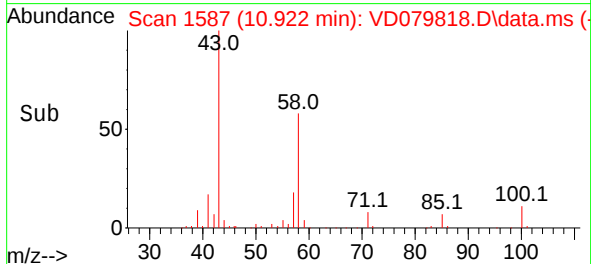
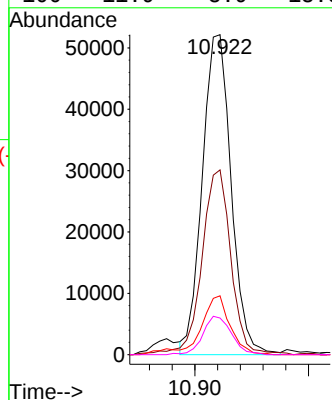
Ion Ratio Lower Upper

43 100

58 58.1 44.7 67.1

57 16.7 13.6 20.4

100 11.9 8.9 13.3



#49

Dibromochloromethane

Concen: 26.001 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD079818.D

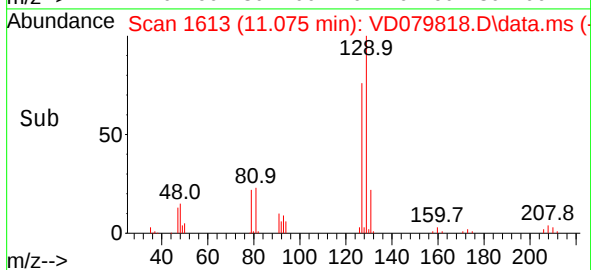
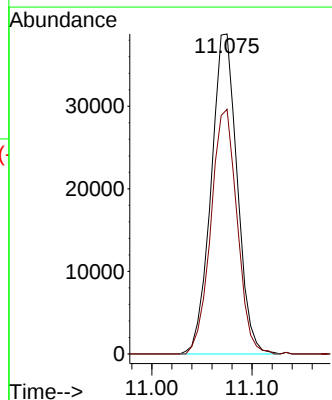
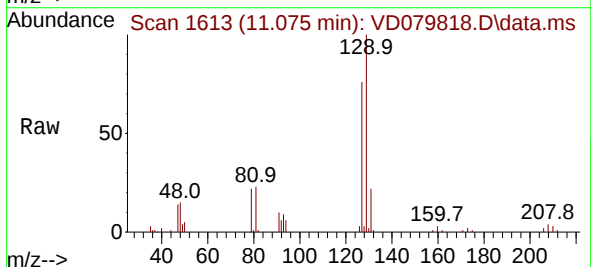
Acq: 11 Sep 2024 10:31

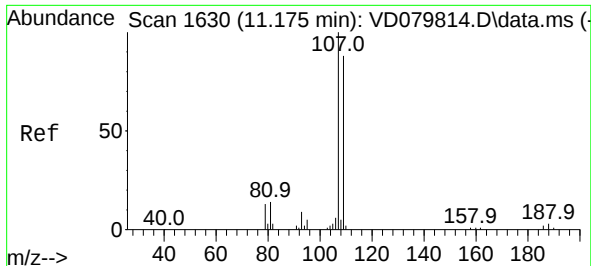
Tgt Ion:129 Resp: 70245

Ion Ratio Lower Upper

129 100

127 76.4 55.2 102.6





#50

1,2-Dibromoethane

Concen: 25.221 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.006 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

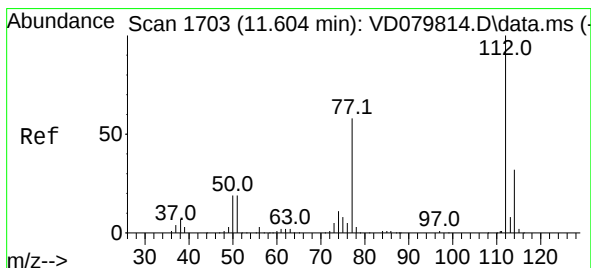
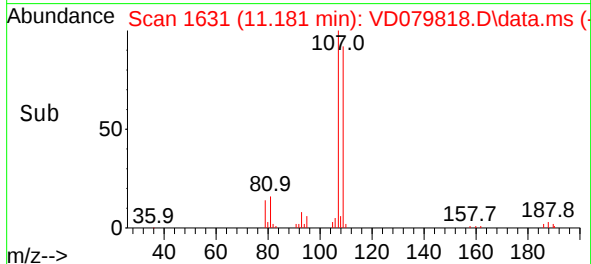
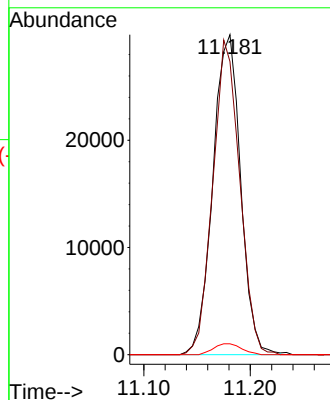
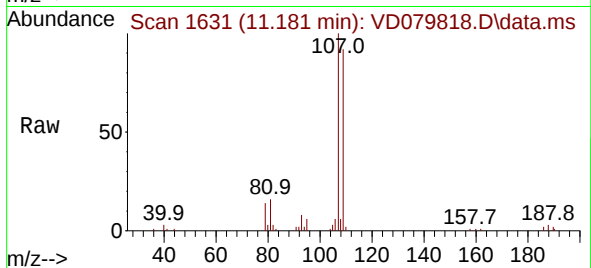
Tgt Ion:107 Resp: 53916

Ion Ratio Lower Upper

107 100

109 91.6 61.5 114.1

188 3.4 2.3 3.5



#51

Chlorobenzene

Concen: 25.245 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

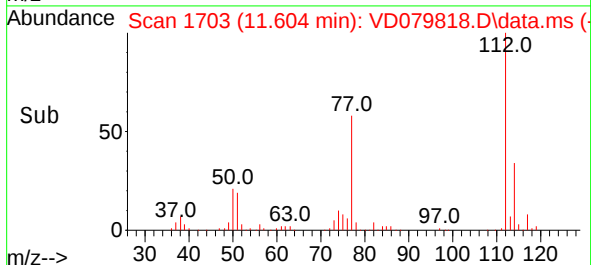
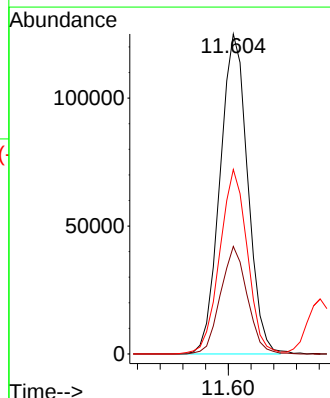
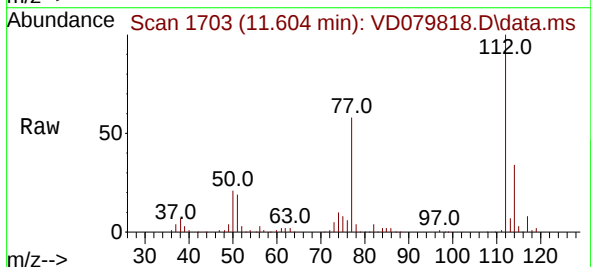
Tgt Ion:112 Resp: 211991

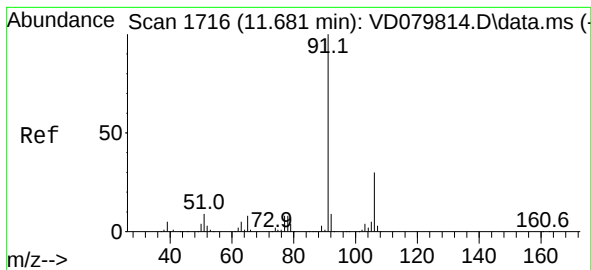
Ion Ratio Lower Upper

112 100

114 33.6 22.0 41.0

77 57.6 46.7 70.1

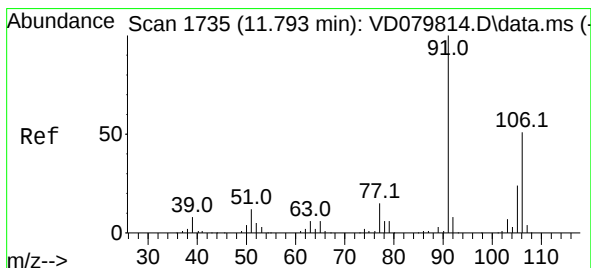
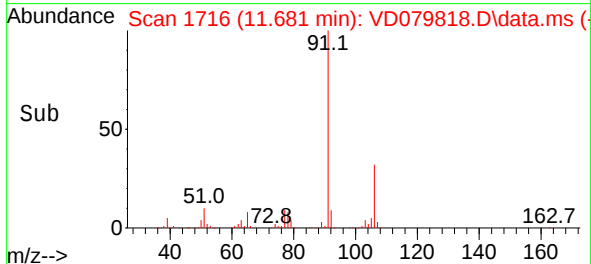
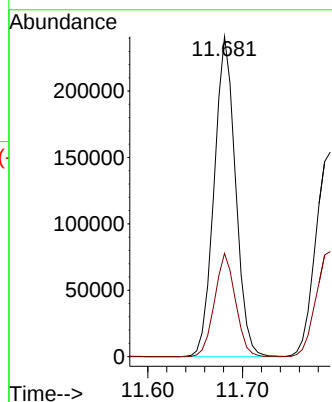
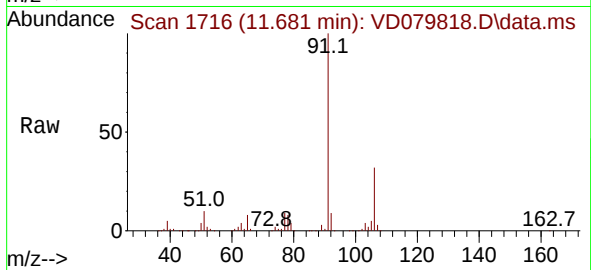




#52
Ethylbenzene
Concen: 25.720 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

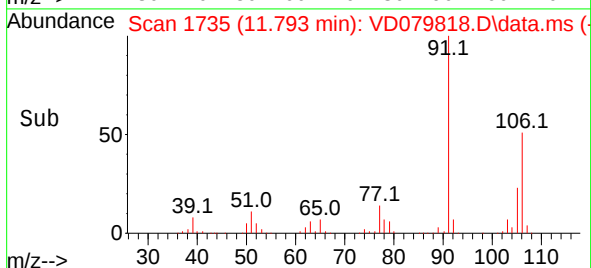
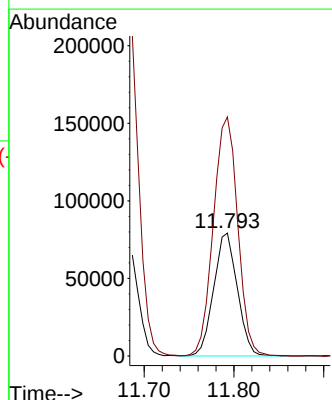
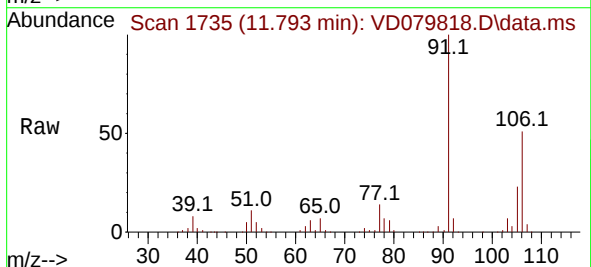
Instrument :
MSVOA_D
ClientSampleId :

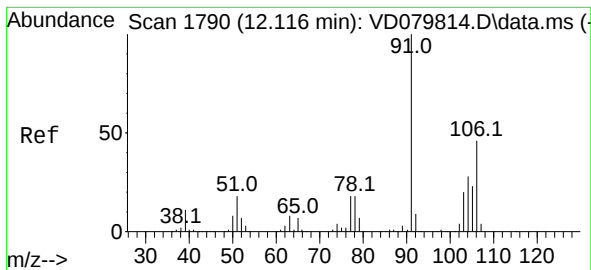
Tgt Ion: 91 Resp: 378072
Ion Ratio Lower Upper
91 100
106 32.3 21.3 39.5



#53
m,p-Xylene
Concen: 26.007 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:106 Resp: 144795
Ion Ratio Lower Upper
106 100
91 194.5 138.3 256.9

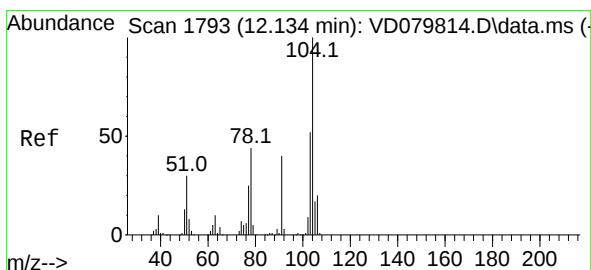
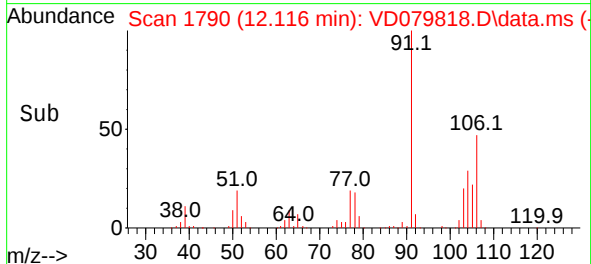
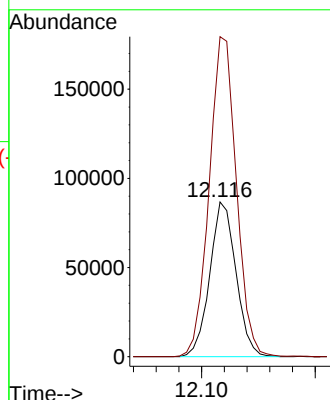
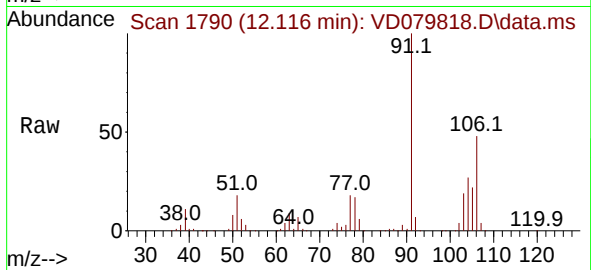




#54
o-Xylene
Concen: 25.460 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

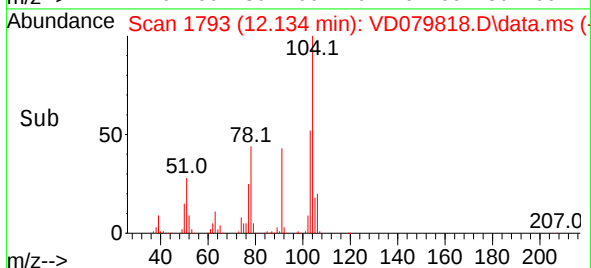
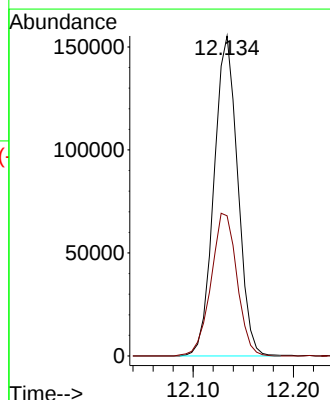
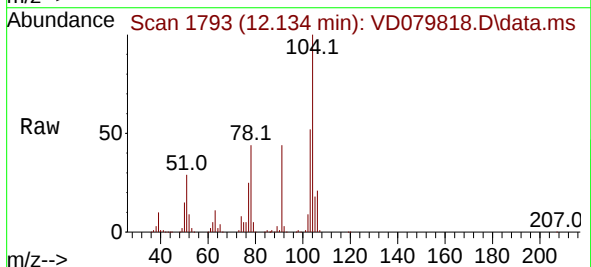
Instrument :
MSVOA_D
ClientSampleId :

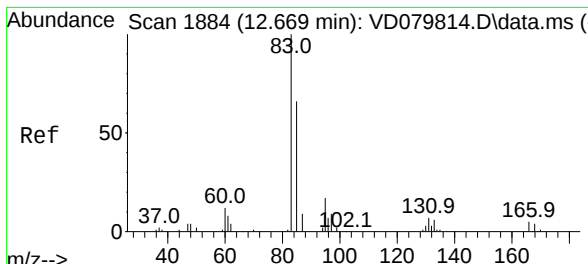
Tgt Ion:106 Resp: 138985
Ion Ratio Lower Upper
106 100
91 206.9 152.6 283.4



#55
Styrene
Concen: 26.602 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:104 Resp: 255226
Ion Ratio Lower Upper
104 100
78 43.8 30.7 57.1

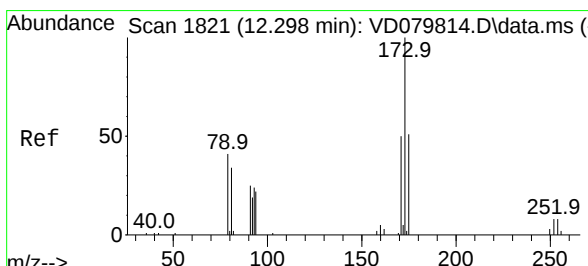
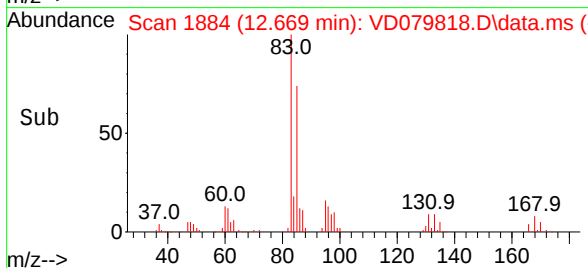
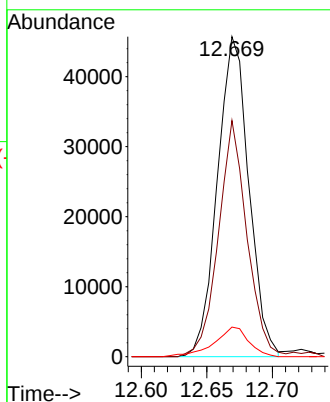
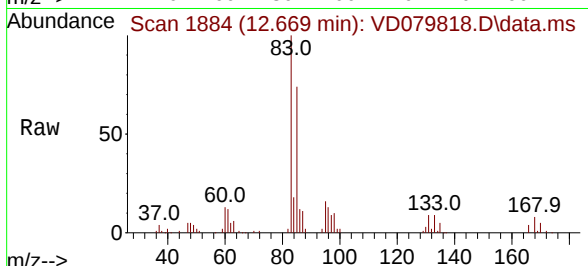




#57
1,1,2,2-Tetrachloroethane
Concen: 26.237 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

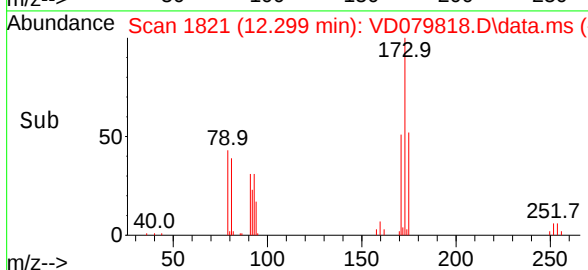
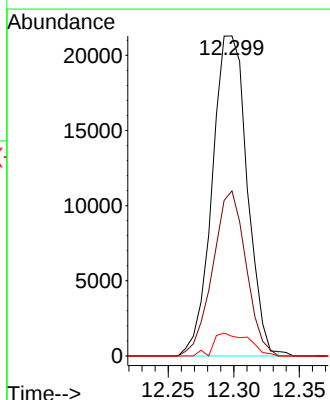
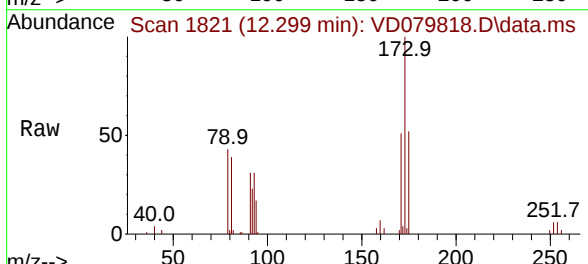
Instrument :
MSVOA_D
ClientSampleId :

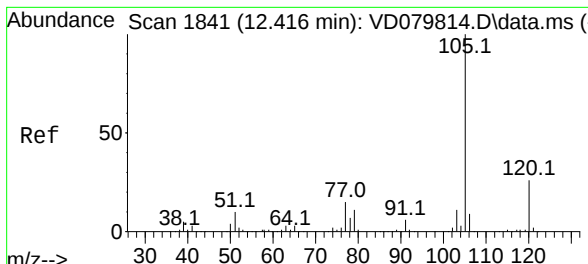
Tgt Ion: 83 Resp: 76118
Ion Ratio Lower Upper
83 100
85 73.8 46.8 87.0
131 9.2 6.5 9.7



#59
Bromoform
Concen: 26.012 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:173 Resp: 39429
Ion Ratio Lower Upper
173 100
175 49.2 39.2 58.8
254 4.8 5.5 8.3#

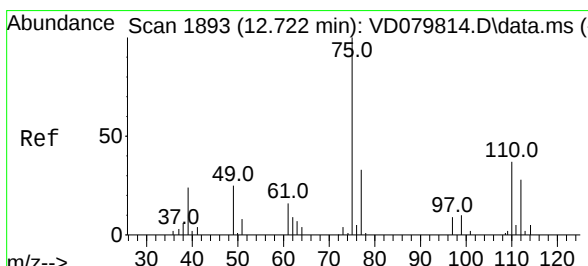
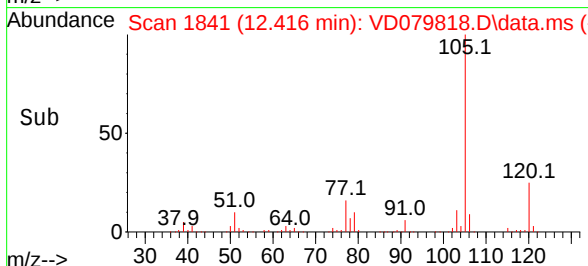
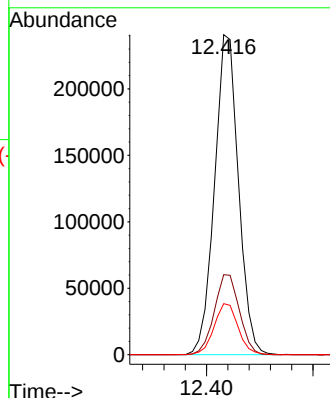
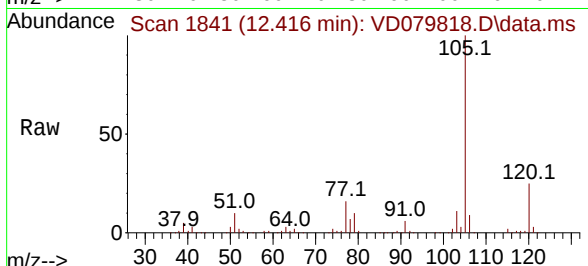




#60
Isopropylbenzene
Concen: 24.724 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

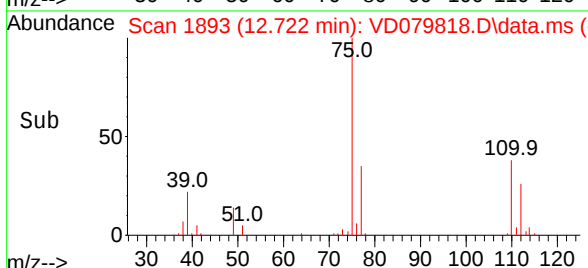
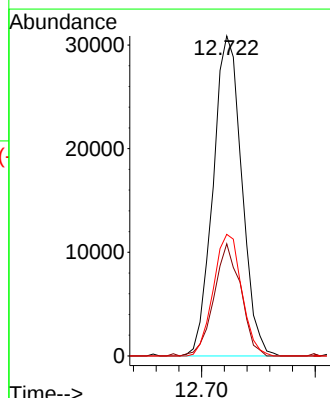
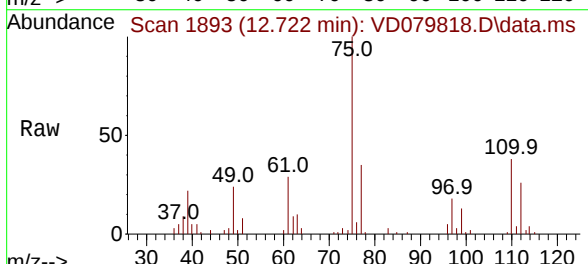
Instrument :
MSVOA_D
ClientSampleId :

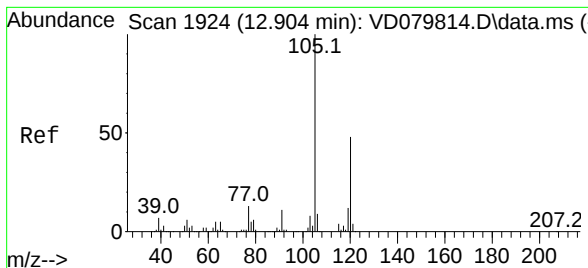
Tgt Ion:105 Resp: 374829
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.120 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion: 75 Resp: 54220
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
110 37.5 30.1 45.1

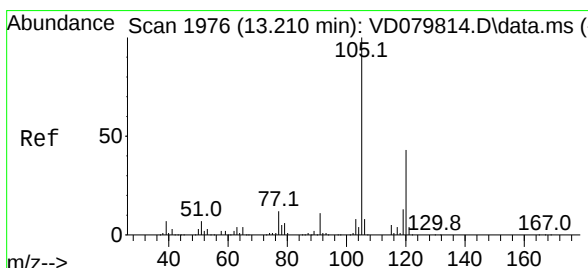
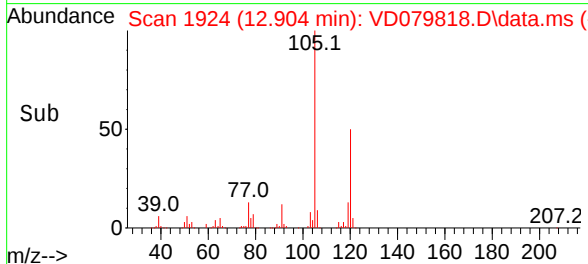
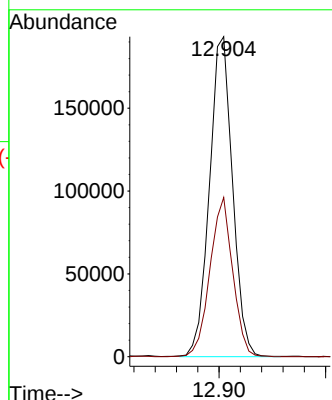
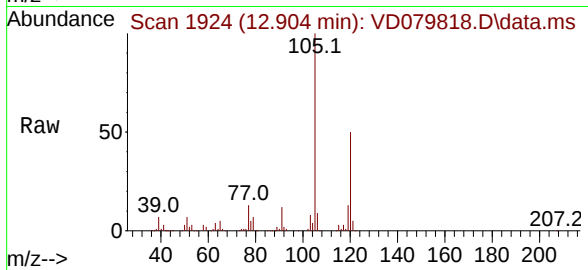




#62
1,3,5-Trimethylbenzene
Concen: 26.261 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

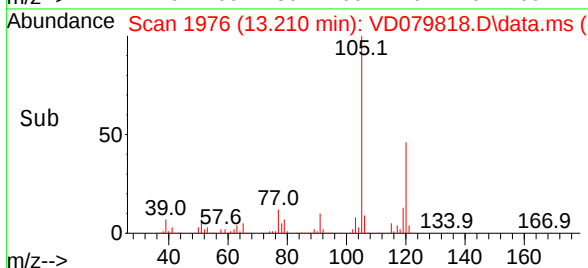
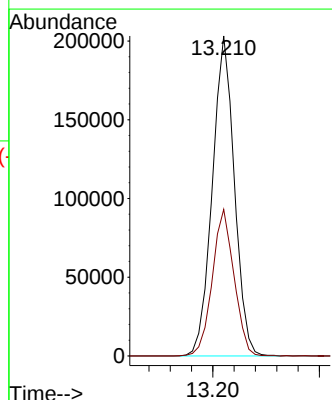
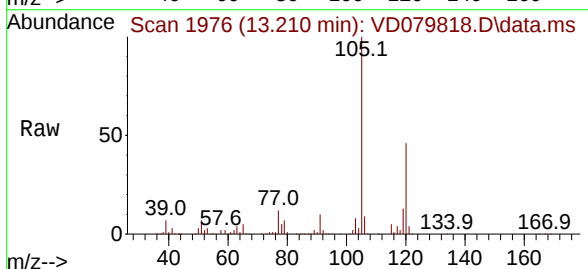
Instrument :
MSVOA_D
ClientSampleId :

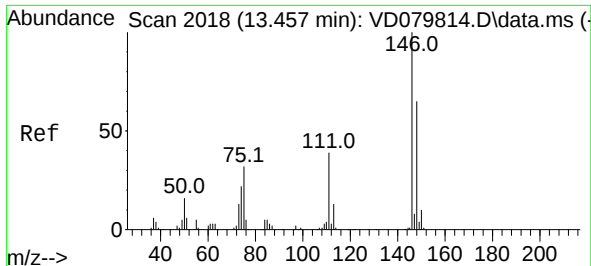
Tgt Ion:105 Resp: 291163
Ion Ratio Lower Upper
105 100
120 48.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.106 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:105 Resp: 291908
Ion Ratio Lower Upper
105 100
120 45.1 36.3 54.5

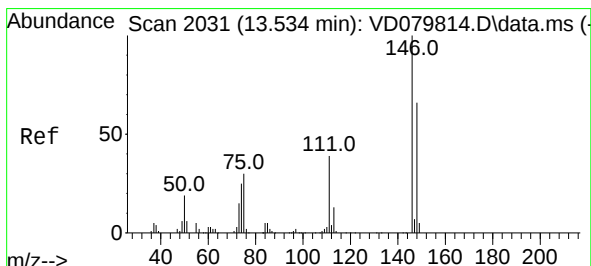
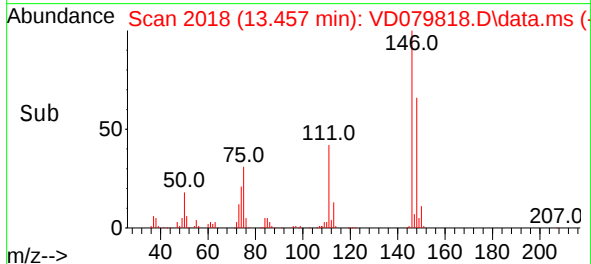
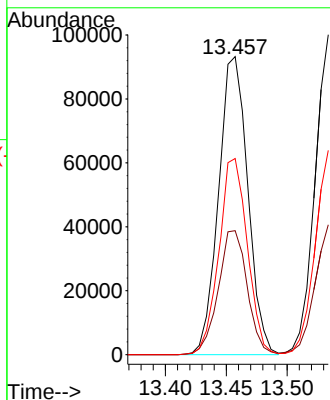
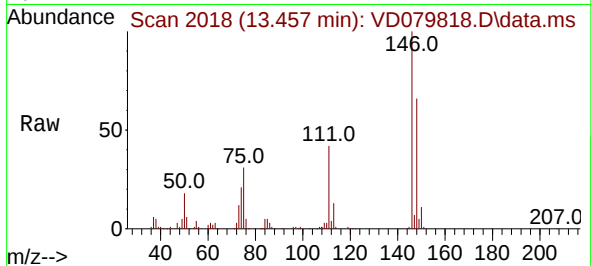




#64
1,3-Dichlorobenzene
Concen: 24.839 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

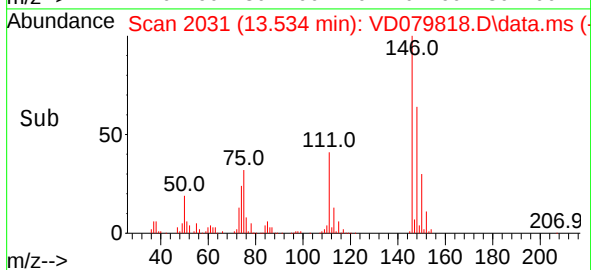
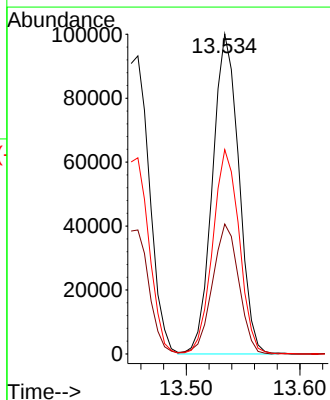
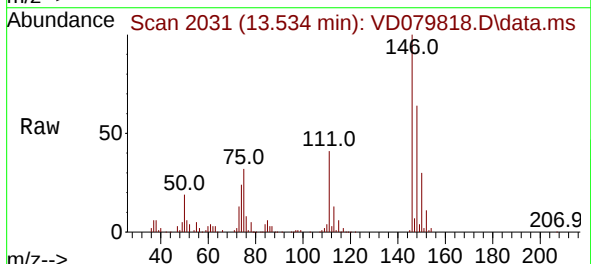
Instrument :
MSVOA_D
ClientSampleId :

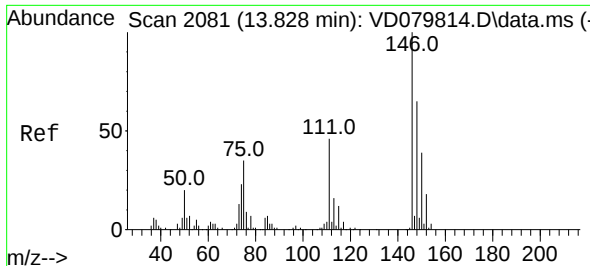
Tgt Ion:146 Resp: 155621
Ion Ratio Lower Upper
146 100
111 41.6 27.4 50.8
148 65.8 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 24.573 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079818.D
Acq: 11 Sep 2024 10:31

Tgt Ion:146 Resp: 161482
Ion Ratio Lower Upper
146 100
111 40.6 27.6 51.4
148 63.9 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.974 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

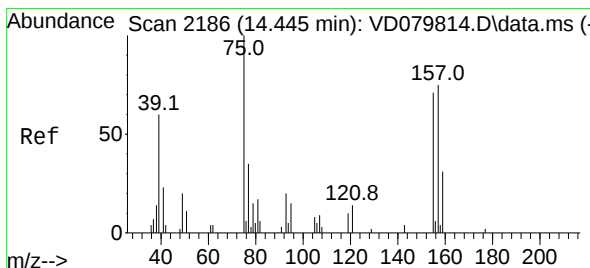
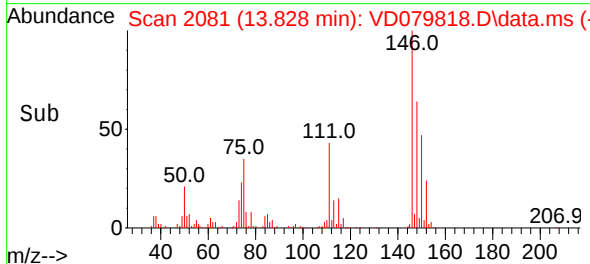
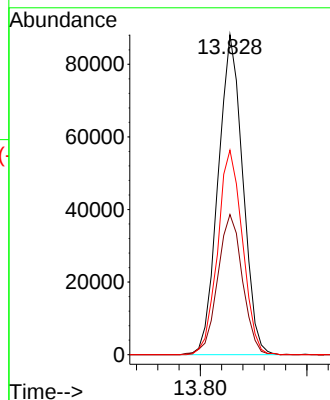
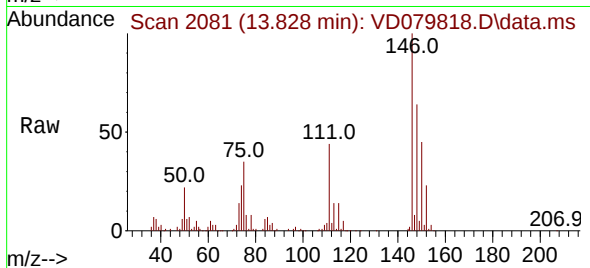
Tgt Ion:146 Resp: 141417

Ion Ratio Lower Upper

146 100

111 43.8 36.9 55.3

148 63.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.933 ug/L

RT: 14.440 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

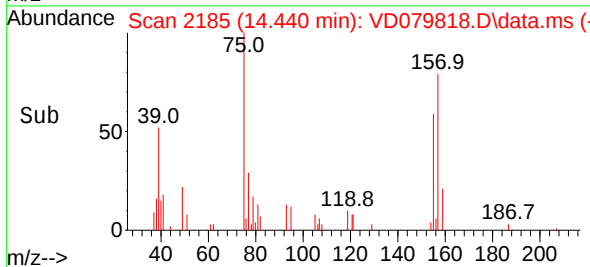
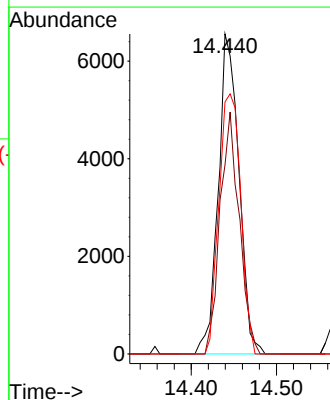
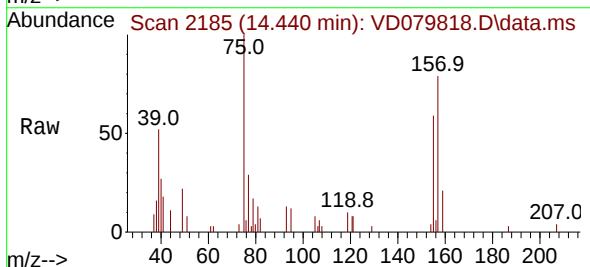
Tgt Ion: 75 Resp: 11011

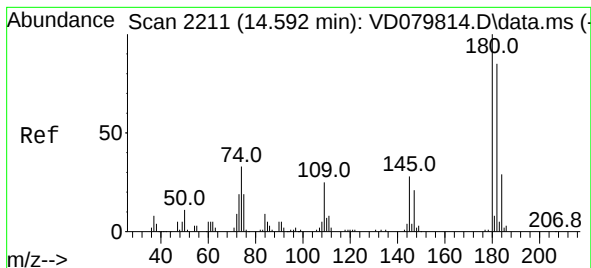
Ion Ratio Lower Upper

75 100

155 59.1 57.2 85.8

157 78.7 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 24.454 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

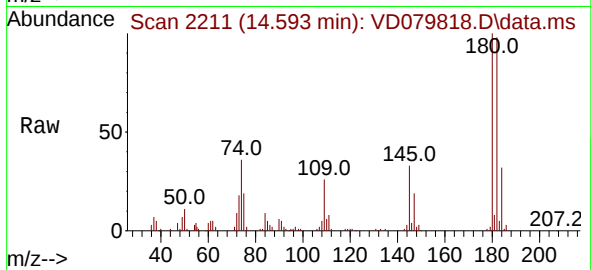
Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 92897

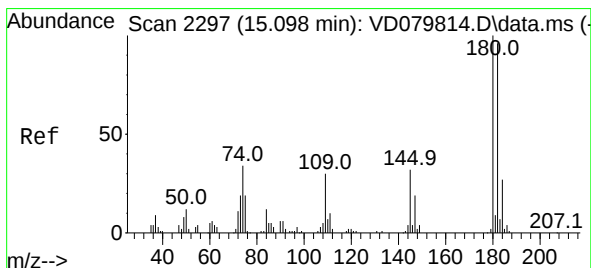
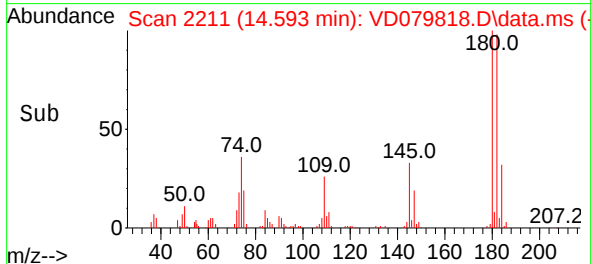
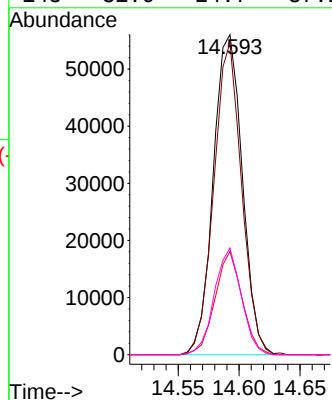
Ion Ratio Lower Upper

180 100

182 93.2 72.6 109.0

184 30.0 24.2 36.2

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.700 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

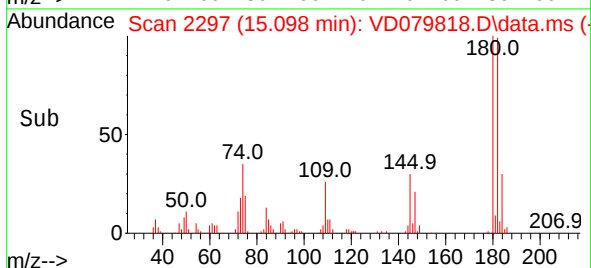
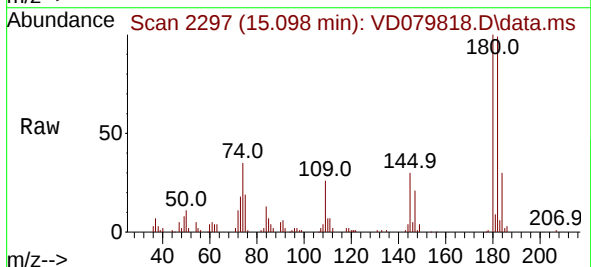
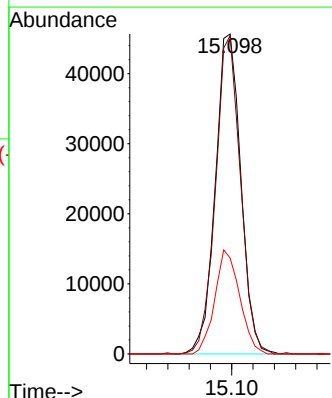
Tgt Ion:180 Resp: 75804

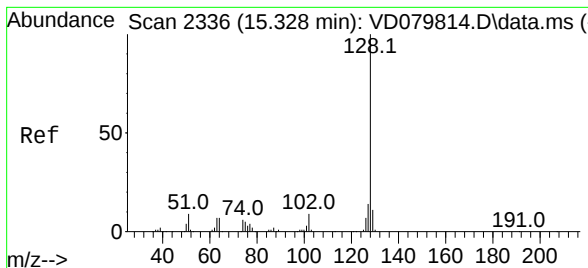
Ion Ratio Lower Upper

180 100

182 96.8 75.9 113.9

145 31.7 26.6 40.0





#71

Naphthalene

Concen: 24.564 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

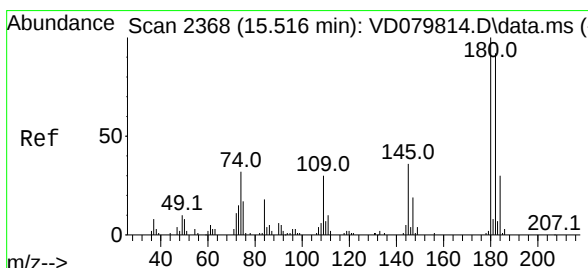
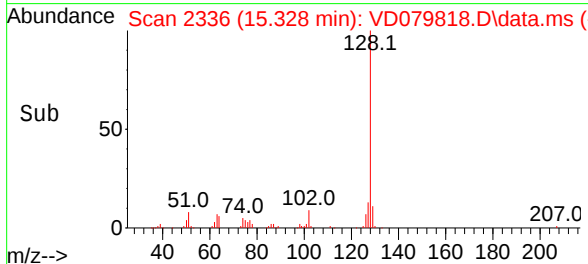
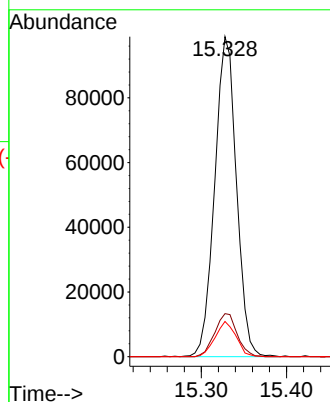
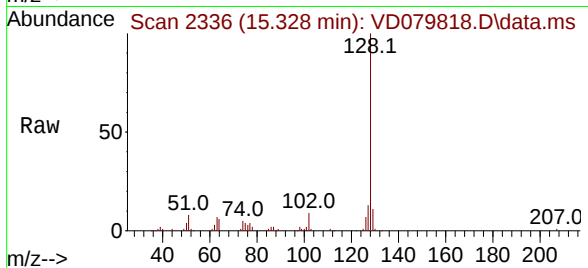
Tgt Ion:128 Resp: 175478

Ion Ratio Lower Upper

128 100

127 13.9 11.2 16.8

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.932 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079818.D

Acq: 11 Sep 2024 10:31

Tgt Ion:180 Resp: 71329

Ion Ratio Lower Upper

180 100

182 95.8 74.1 111.1

145 34.8 26.4 39.6

