

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079186.D
 Acq On : 13 Jun 2024 18:40
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 14 04:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 04:47:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	176472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92866	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	89986	16.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.793	69	83708	15.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.760%
11) 1,1-Dichloroethene-d2	3.911	65	15923	16.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.080%
21) 2-Butanone-d5	6.987	46	23662	56.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.940%
24) Chloroform-d	7.563	84	100140	20.295	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.160%
26) 1,2-Dichloroethane-d4	8.228	65	48284	21.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.840%
32) Benzene-d6	8.199	84	188013	18.978	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.920%
36) 1,2-Dichloropropane-d6	9.210	67	57207	20.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.263	98	171149	18.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.522	79	23958	19.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.880%
47) 2-Hexanone-d5	10.875	63	21459	58.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.340%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	66690	26.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	63799	19.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42789	15.317	ug/L	98
3) Chloromethane	2.146	50	82571	22.177	ug/L	100
5) Vinyl chloride	2.275	62	120040	19.533	ug/L	99
6) Bromomethane	2.681	94	69650	14.681	ug/L	100
8) Chloroethane	2.828	64	82549	18.327	ug/L	98
9) Trichlorofluoromethane	3.164	101	95535	20.407	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	52923	18.852	ug/L	98
12) 1,1-Dichloroethene	3.934	96	44069	18.032	ug/L	85
13) Acetone	4.017	43	26383	43.873	ug/L	100
14) Carbon disulfide	4.264	76	141358	16.580	ug/L	98
15) Methyl Acetate	4.558	43	20531	25.058	ug/L	94
16) Methylene chloride	4.799	84	89129	28.345	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	51046	19.327	ug/L	97
18) Methyl tert-butyl Ether	5.311	73	108550	23.173	ug/L #	89
19) 1,1-Dichloroethane	6.105	63	90715	21.333	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	59375	21.590	ug/L	93
22) 2-Butanone	7.087	43	30292	47.952	ug/L	94
23) Bromochloromethane	7.428	128	30341	21.761	ug/L	95
25) Chloroform	7.593	83	104825	21.712	ug/L	92

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

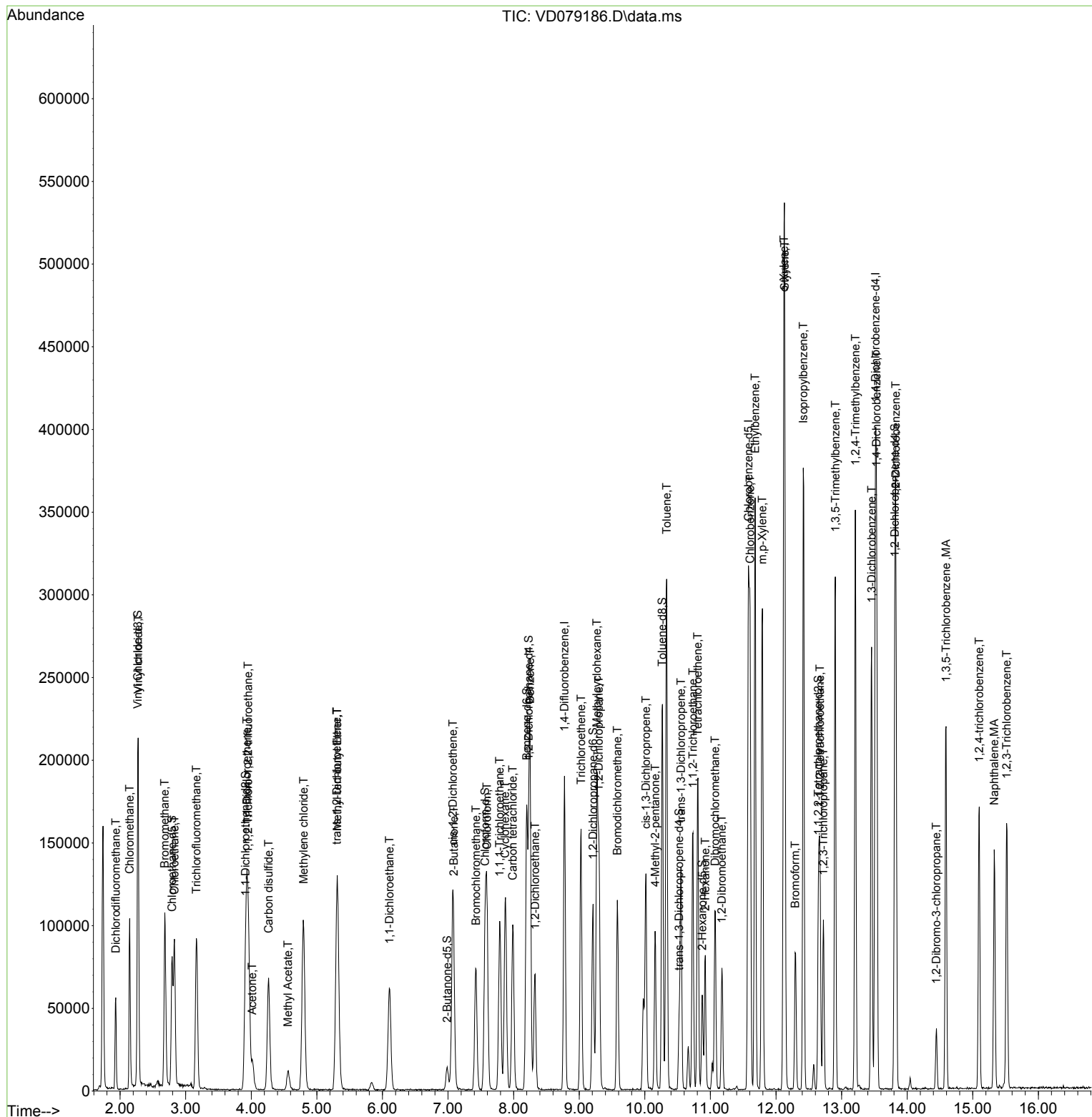
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	62629	22.347	ug/L	98
29) Cyclohexane	7.869	56	56028	17.376	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	86383	20.416	ug/L #	80
31) Carbon tetrachloride	7.987	117	78086	19.860	ug/L	99
33) Benzene	8.252	78	222286	20.884	ug/L	100
34) Trichloroethene	9.028	95	55785	20.349	ug/L	96
35) Methylcyclohexane	9.269	83	79168	17.428	ug/L	98
37) 1,2-Dichloropropane	9.299	63	58033	22.259	ug/L	98
38) Bromodichloromethane	9.581	83	79485	21.931	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	85333	20.967	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	57822	53.128	ug/L	96
42) Toluene	10.334	91	245582	20.778	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	77044	22.386	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	51275	22.418	ug/L	97
46) Tetrachloroethene	10.804	164	45401	18.808	ug/L	96
48) 2-Hexanone	10.922	43	46475	49.349	ug/L	98
49) Dibromochloromethane	11.069	129	60565	22.360	ug/L	95
50) 1,2-Dibromoethane	11.175	107	48852	23.240	ug/L	94
51) Chlorobenzene	11.604	112	163404	20.778	ug/L	98
52) Ethylbenzene	11.681	91	254851	20.671	ug/L	98
53) m,p-Xylene	11.793	106	101117	20.905	ug/L	100
54) o-Xylene	12.122	106	96380	20.624	ug/L	95
55) Styrene	12.134	104	185651	22.405	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	64642	25.248	ug/L	98
59) Bromoform	12.293	173	38626	22.694	ug/L	97
60) Isopropylbenzene	12.416	105	251091	20.448	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	41458	25.286	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	165565	19.720	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	180939	20.149	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	121517	20.600	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	126122	20.178	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	116960	21.448	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	8525	25.293	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	72307	19.435	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	57752	18.690	ug/L	97
71) Naphthalene	15.328	128	131230	22.709	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	57511	21.535	ug/L	99

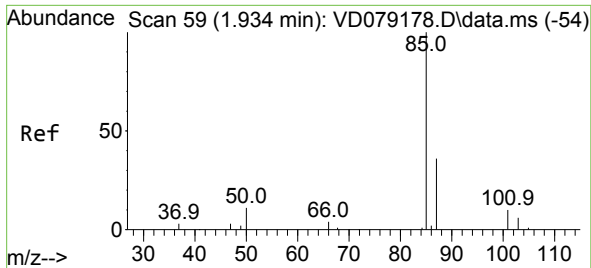
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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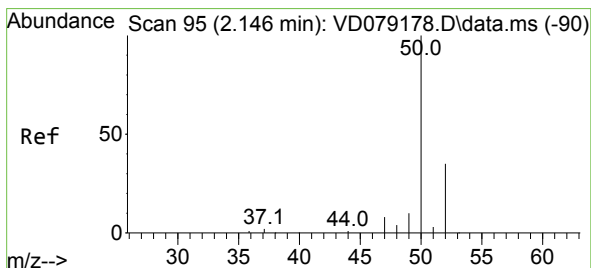
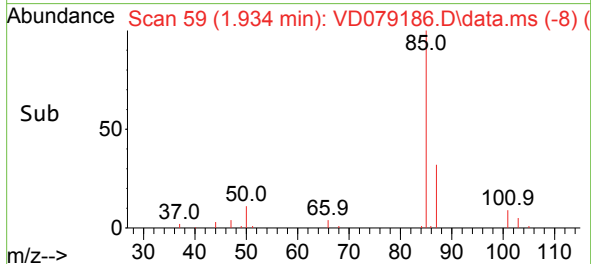
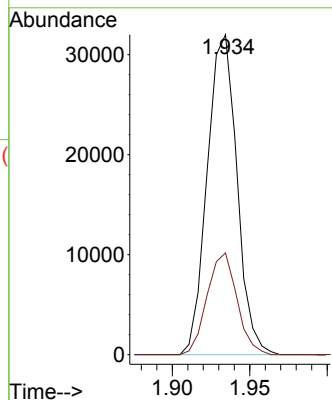
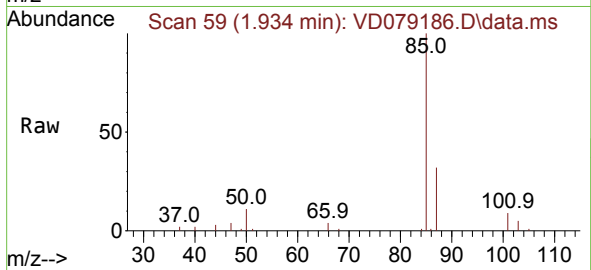




#2
 Dichlorodifluoromethane
 Concen: 15.317 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

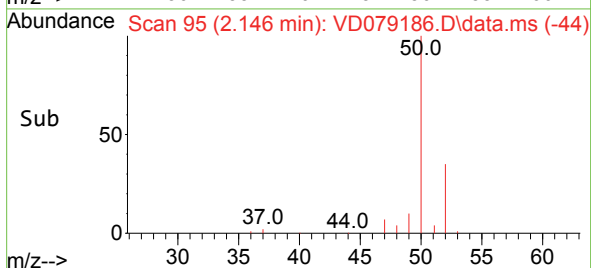
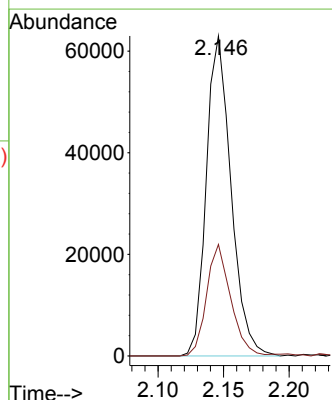
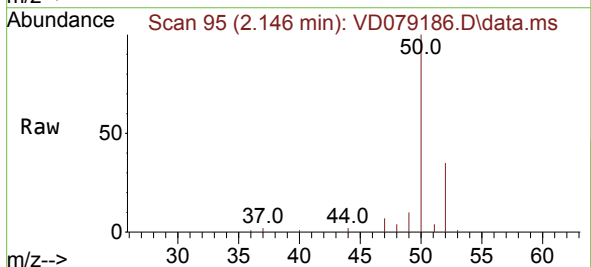
Instrument :
 MSVOA_D
 ClientSampleId :

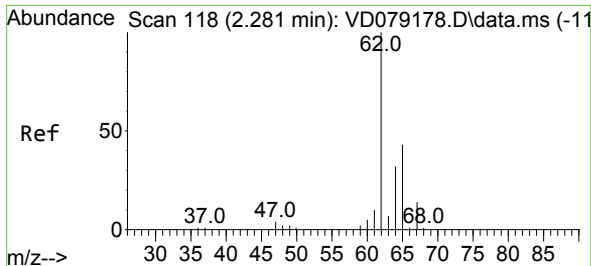
Tgt Ion: 85 Resp: 42789
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 22.177 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion: 50 Resp: 82571
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.4 45.2

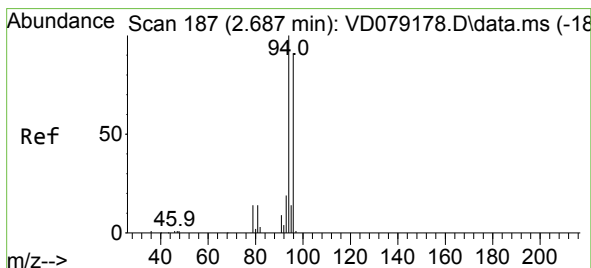
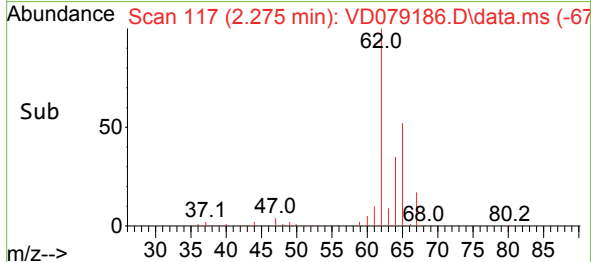
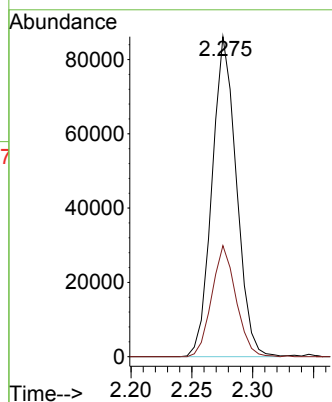
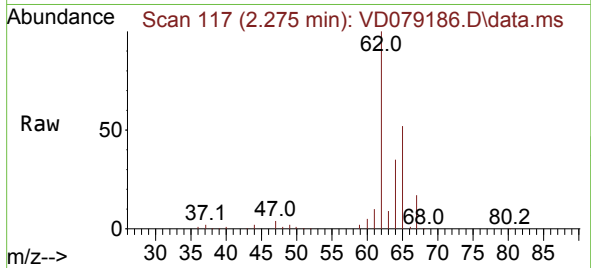




#5
Vinyl chloride
Concen: 19.533 ug/L
RT: 2.275 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

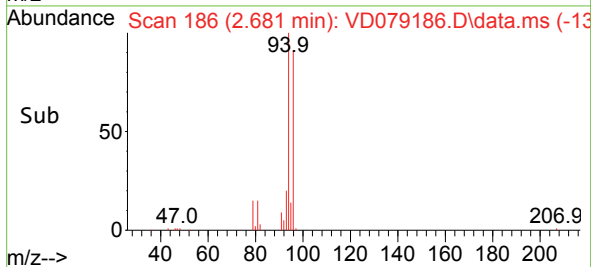
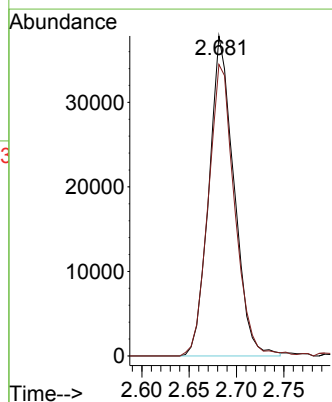
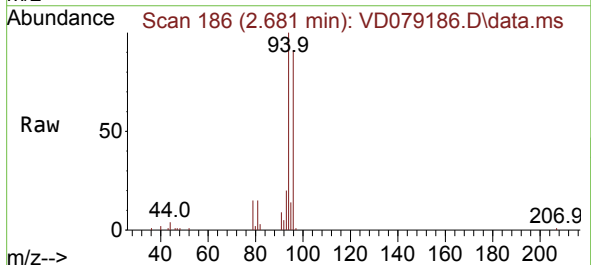
Instrument :
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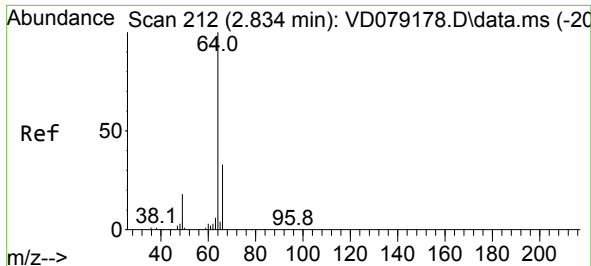
Tgt Ion: 62 Resp: 120040
Ion Ratio Lower Upper
62 100
64 34.7 24.8 46.1



#6
Bromomethane
Concen: 14.681 ug/L
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 94 Resp: 69650
Ion Ratio Lower Upper
94 100
96 91.1 63.6 118.2

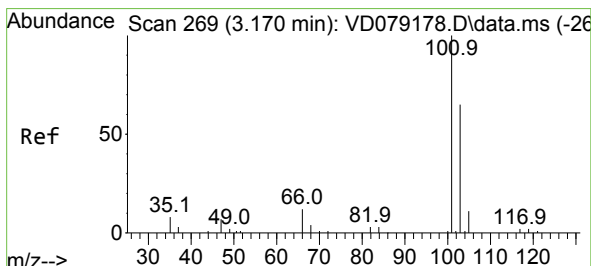
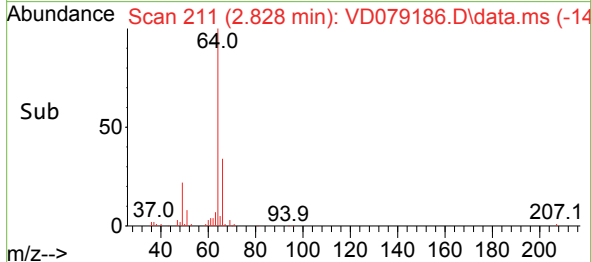
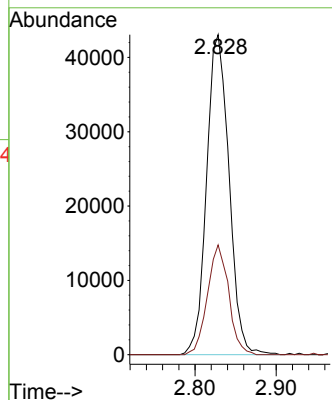
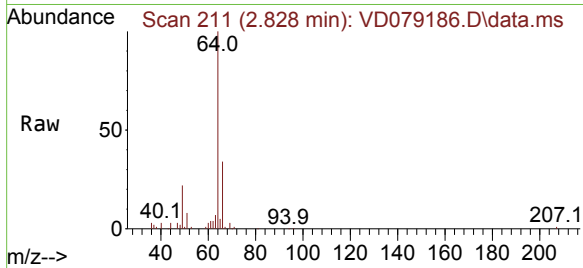




#8
Chloroethane
Concen: 18.327 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

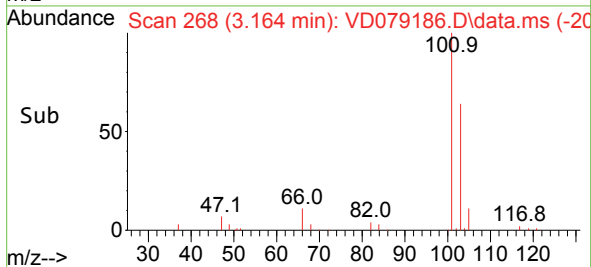
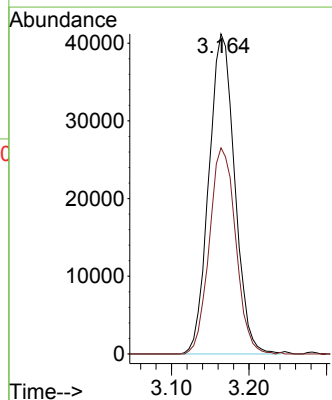
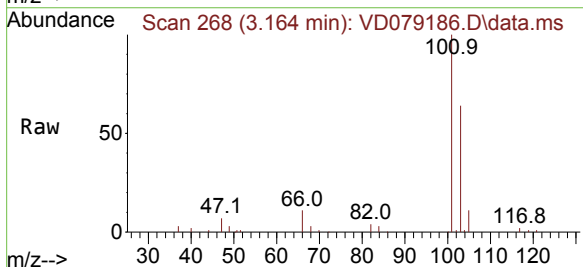
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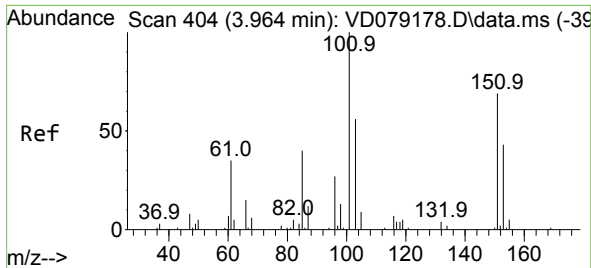
Tgt Ion: 64 Resp: 82549
Ion Ratio Lower Upper
64 100
66 34.3 24.8 46.1



#9
Trichlorofluoromethane
Concen: 20.407 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:101 Resp: 95535
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

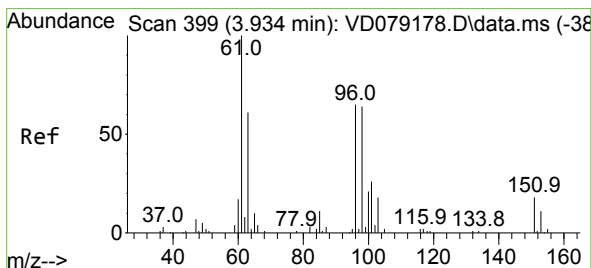
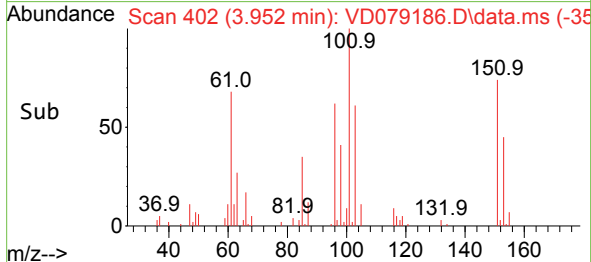
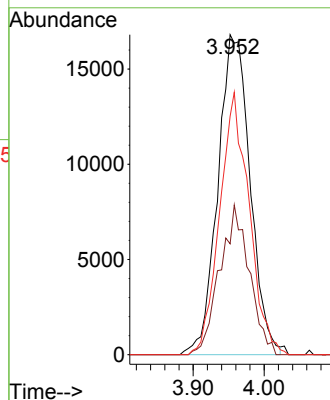
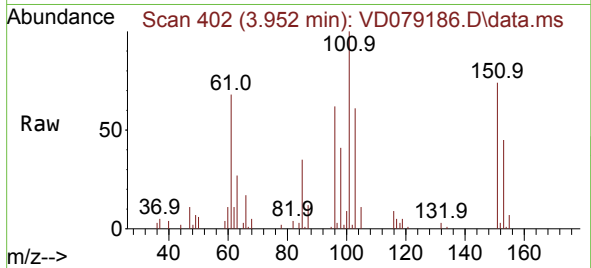




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.852 ug/L
 RT: 3.952 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

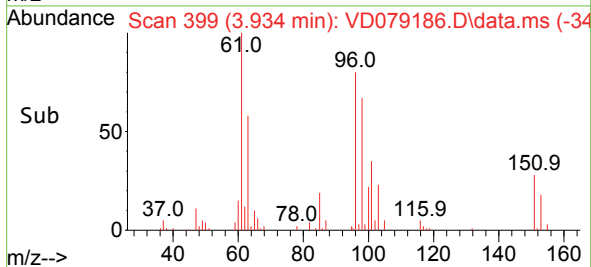
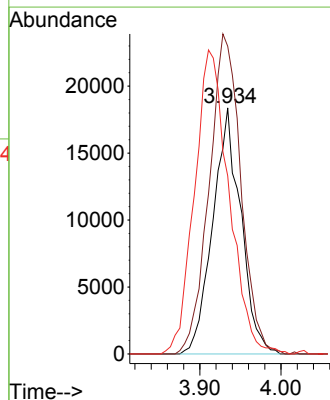
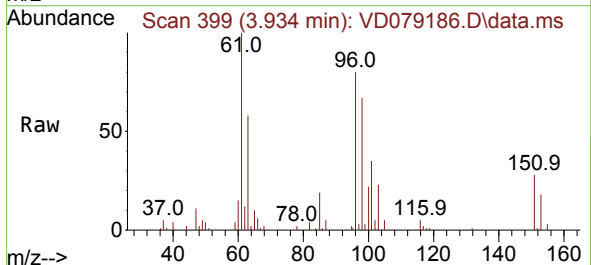
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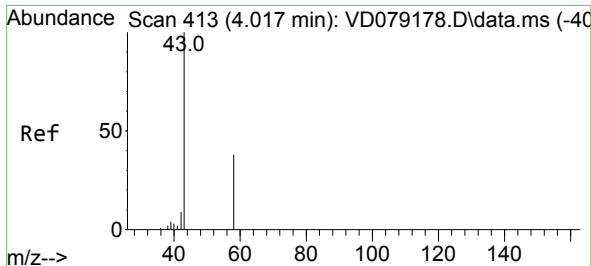
Tgt Ion:101 Resp: 52923
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.4 53.0
 151 75.1 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 18.032 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion: 96 Resp: 44069
 Ion Ratio Lower Upper
 96 100
 61 125.0 93.9 174.3
 63 72.4 67.7 125.7





#13

Acetone

Concen: 43.873 ug/L

RT: 4.017 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

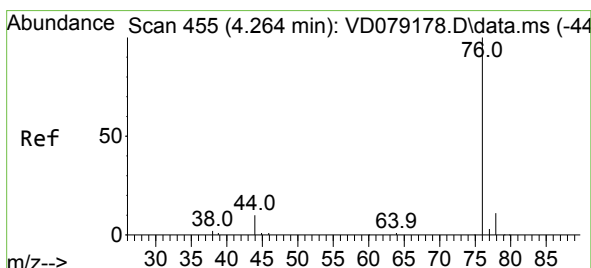
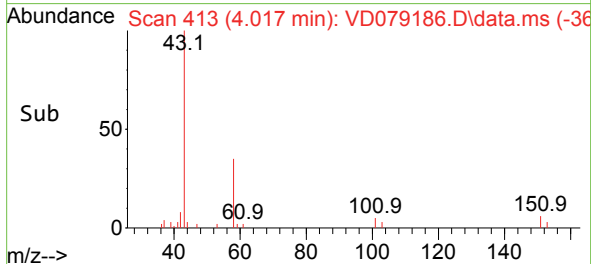
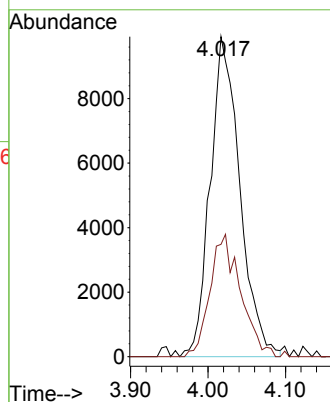
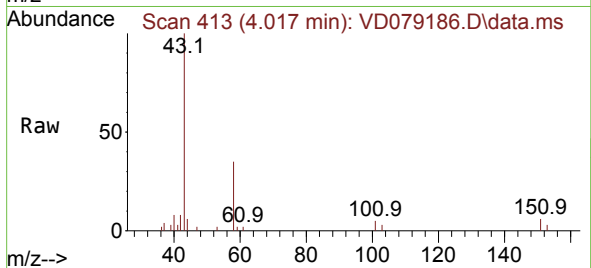
ClientSampleId :

Tgt Ion: 43 Resp: 26383

Ion Ratio Lower Upper

43 100

58 38.8 0.0 78.2



#14

Carbon disulfide

Concen: 16.580 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD079186.D

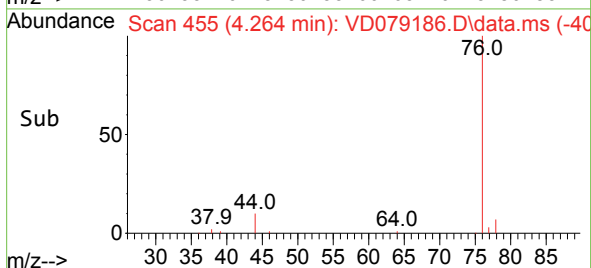
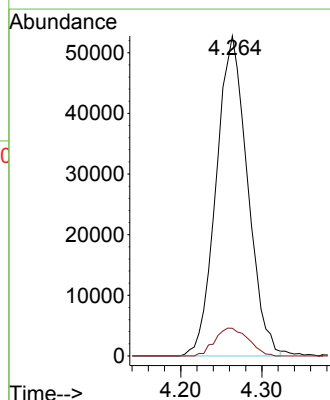
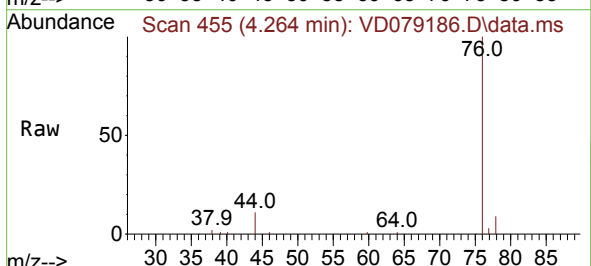
Acq: 13 Jun 2024 18:40

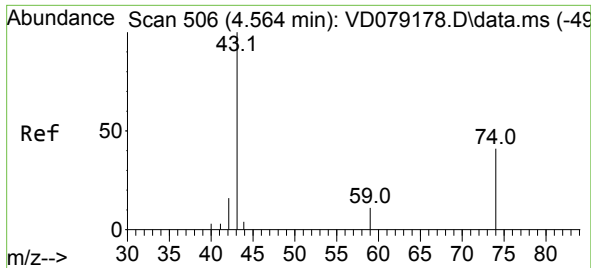
Tgt Ion: 76 Resp: 141358

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

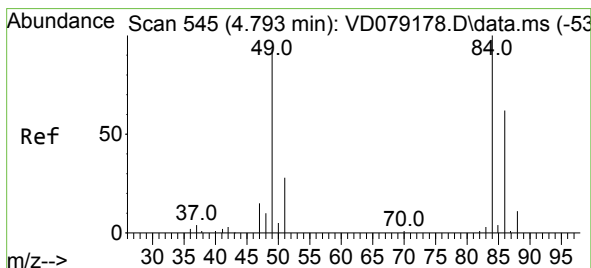
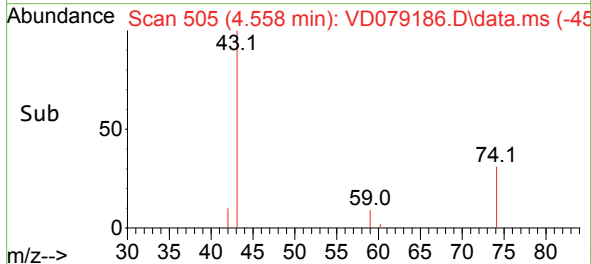
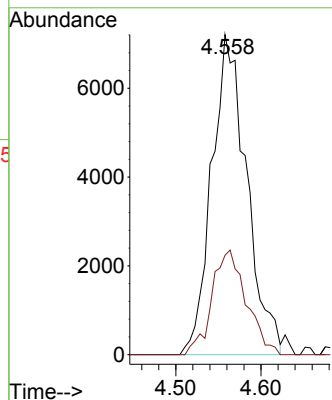
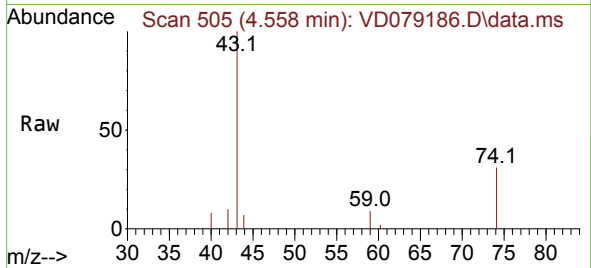




#15
Methyl Acetate
Concen: 25.058 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

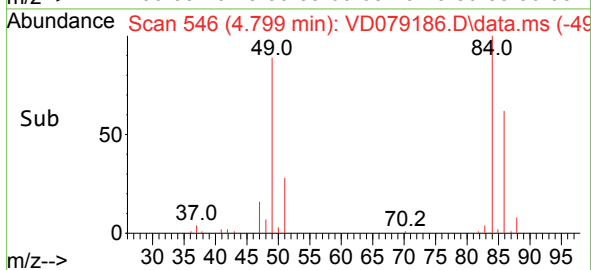
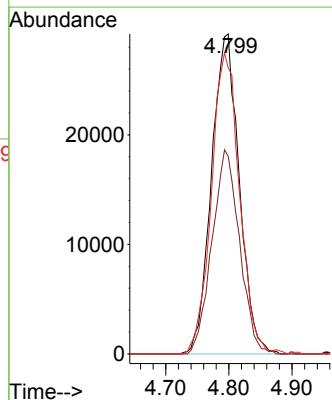
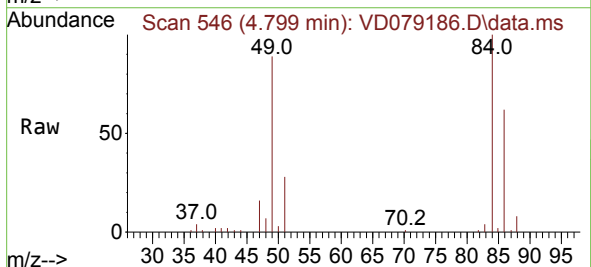
Instrument :
MSVOA_D
ClientSampleId :

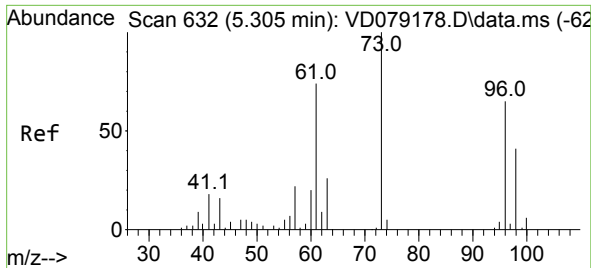
Tgt Ion: 43 Resp: 20531
Ion Ratio Lower Upper
43 100
74 26.5 23.8 35.6



#16
Methylene chloride
Concen: 28.345 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 84 Resp: 89129
Ion Ratio Lower Upper
84 100
86 61.8 40.9 76.0
49 89.4 67.5 125.3

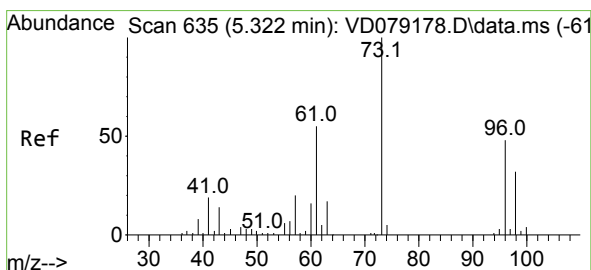
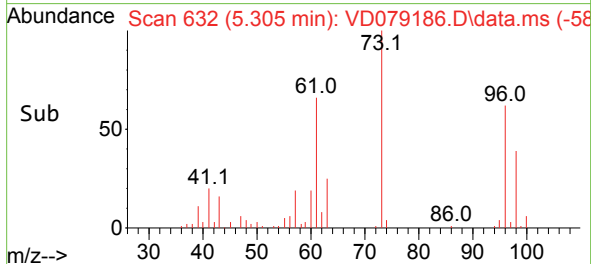
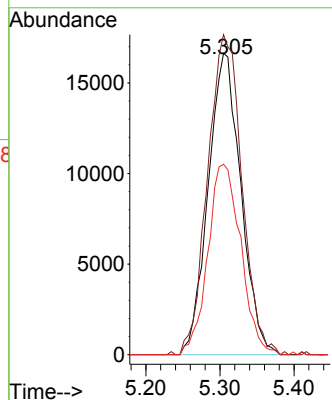
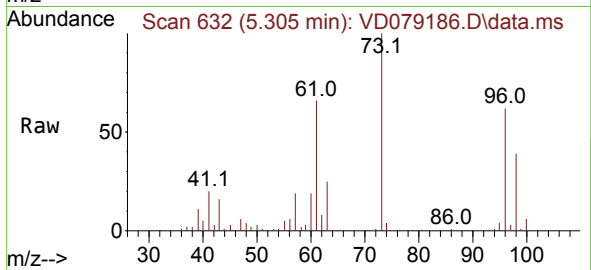




#17
trans-1,2-Dichloroethene
Concen: 19.327 ug/L
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

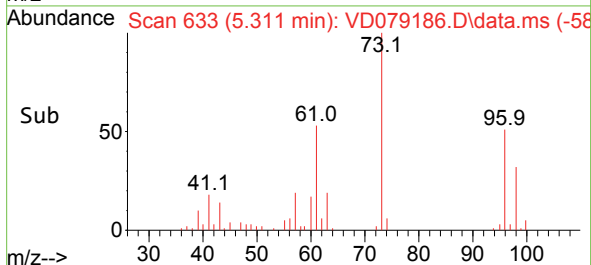
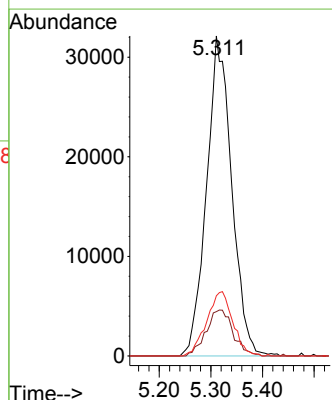
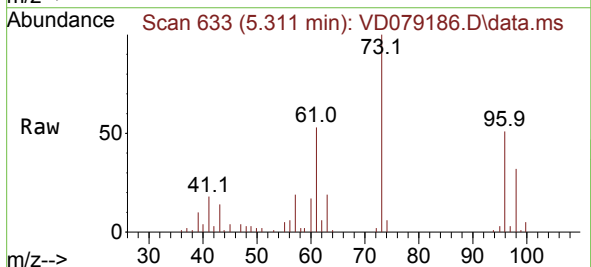
Instrument :
MSVOA_D
ClientSampleId :

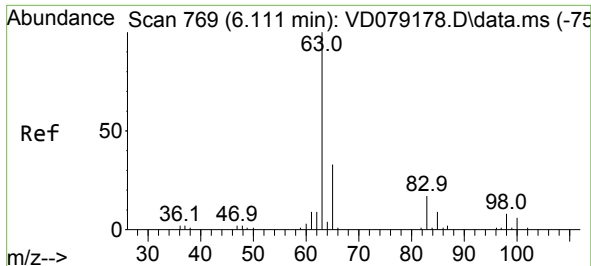
Tgt Ion: 96 Resp: 51046
Ion Ratio Lower Upper
96 100
61 106.2 71.9 133.5
98 63.2 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 23.173 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 73 Resp: 108550
Ion Ratio Lower Upper
73 100
43 14.2 12.0 18.0
57 20.9 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 21.333 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

ClientSampleId :

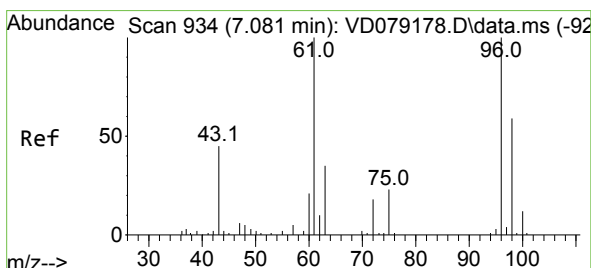
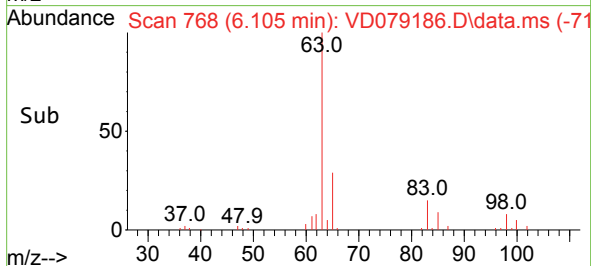
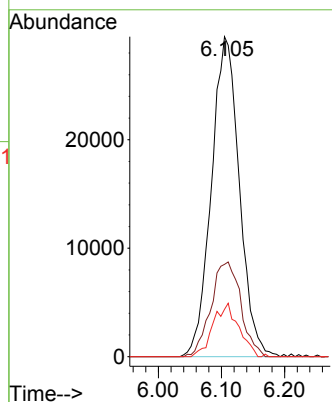
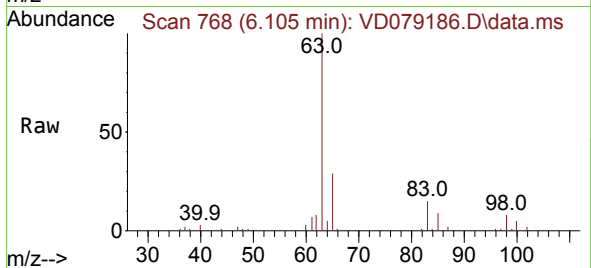
Tgt Ion: 63 Resp: 90715

Ion Ratio Lower Upper

63 100

65 28.8 22.8 42.4

83 14.8 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 21.590 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

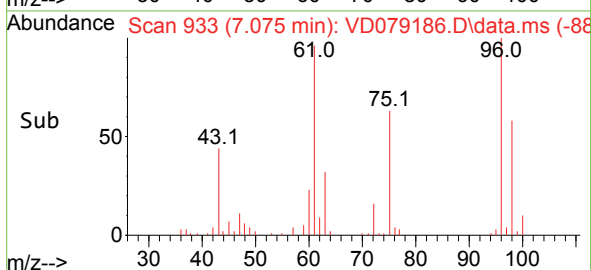
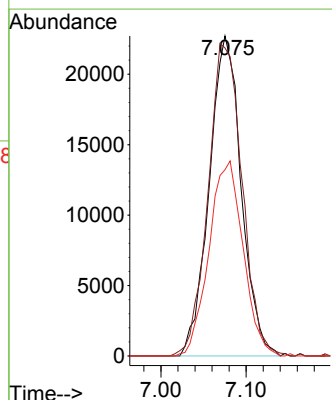
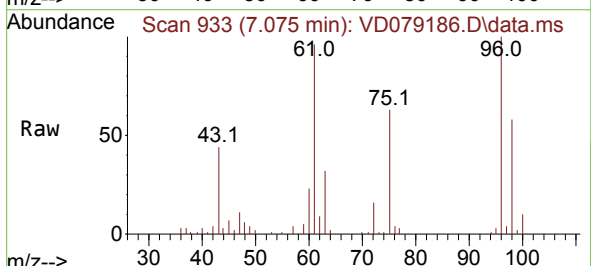
Tgt Ion: 96 Resp: 59375

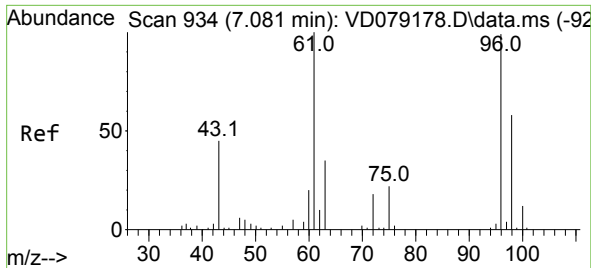
Ion Ratio Lower Upper

96 100

61 96.2 72.6 134.8

98 58.2 43.8 81.3

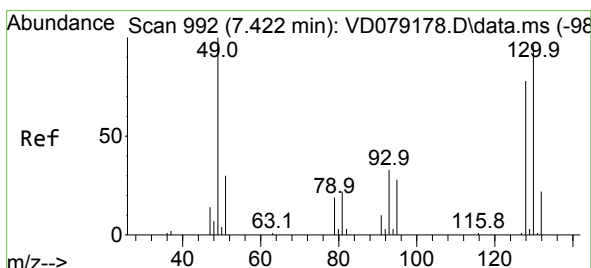
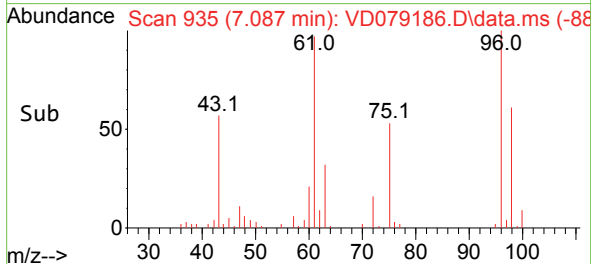
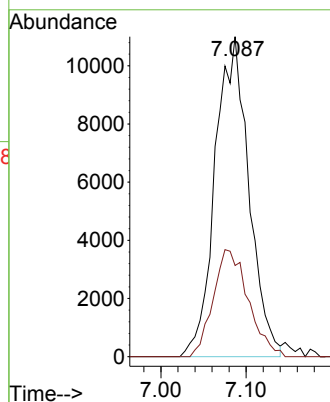
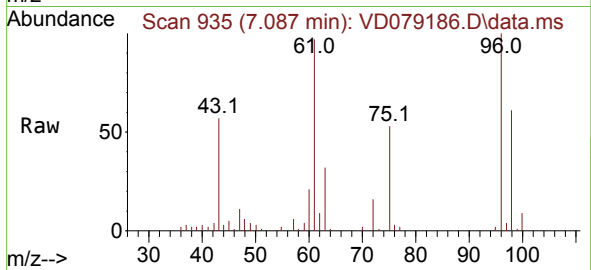




#22
2-Butanone
Concen: 47.952 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

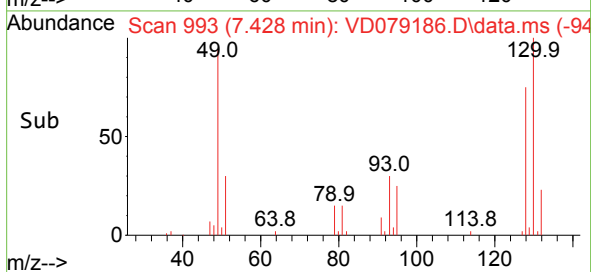
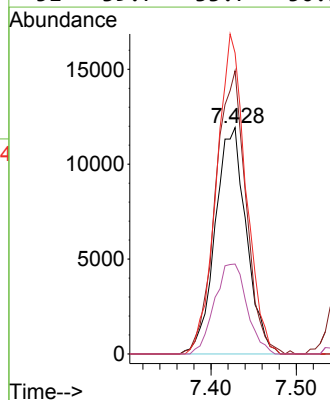
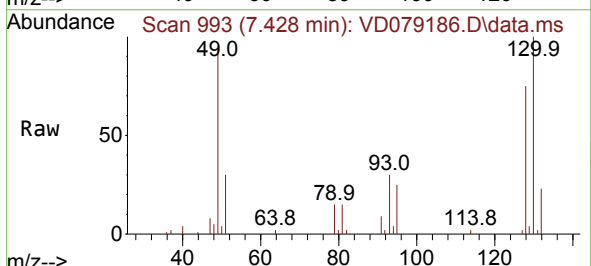
Instrument :
MSVOA_D
ClientSampleId :

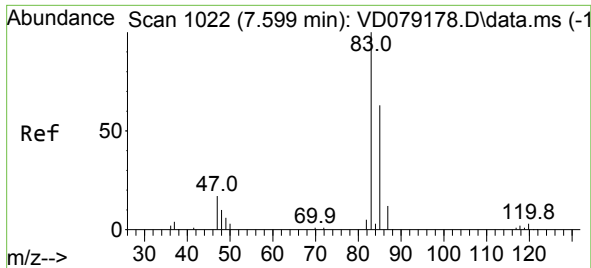
Tgt Ion: 43 Resp: 30292
Ion Ratio Lower Upper
43 100
72 34.7 19.3 57.8



#23
Bromochloromethane
Concen: 21.761 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:128 Resp: 30341
Ion Ratio Lower Upper
128 100
49 125.1 81.8 151.8
130 132.9 90.4 167.8
51 39.7 33.7 50.5

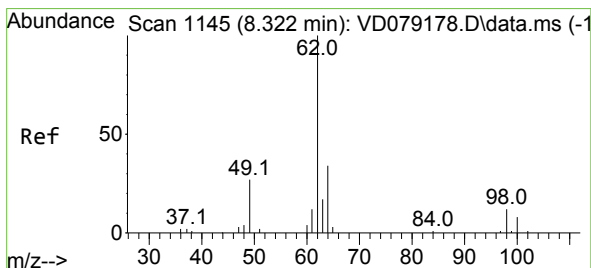
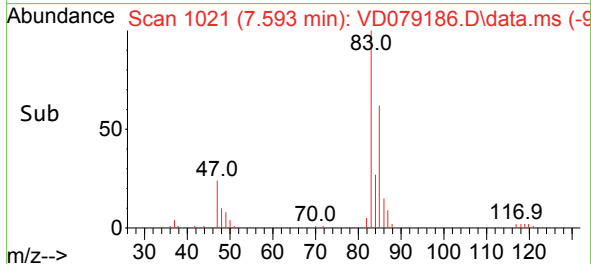
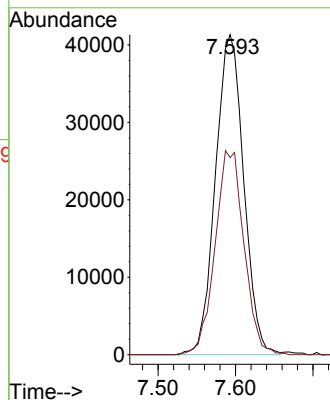
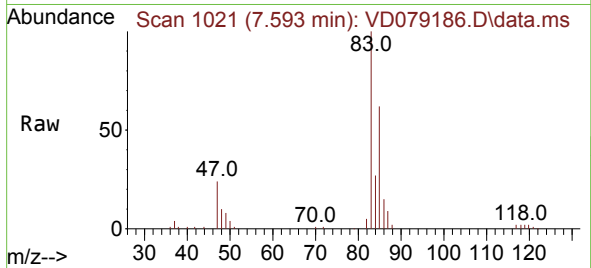




#25
Chloroform
Concen: 21.712 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

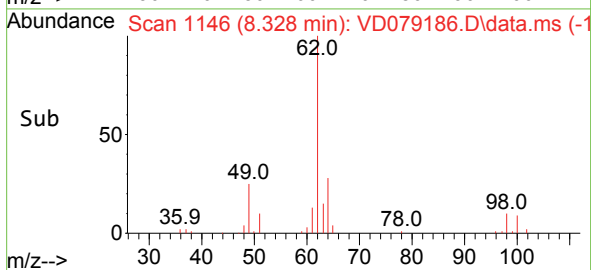
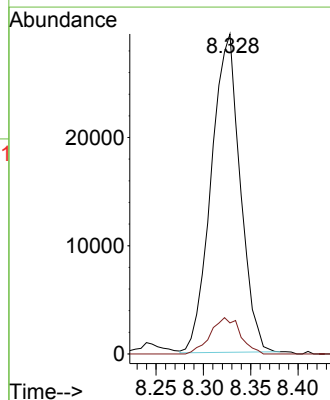
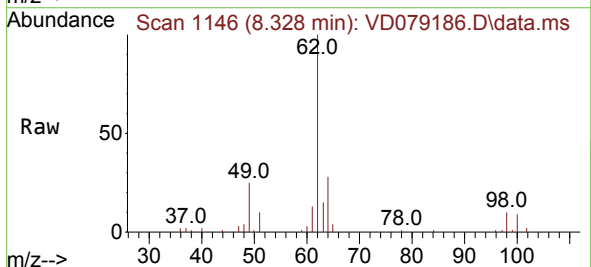
Instrument :
MSVOA_D
ClientSampleId :

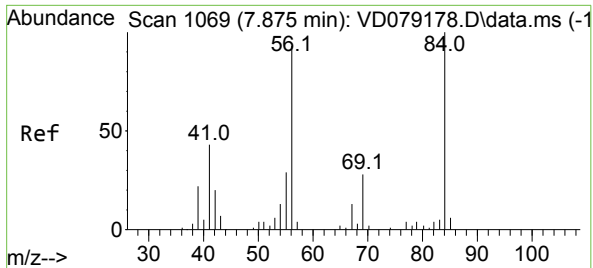
Tgt Ion: 83 Resp: 104825
Ion Ratio Lower Upper
83 100
85 61.6 47.9 89.1



#27
1,2-Dichloroethane
Concen: 22.347 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 62 Resp: 62629
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4

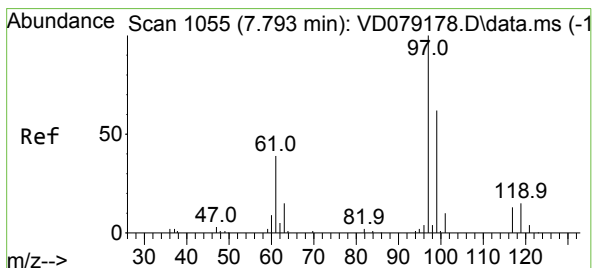
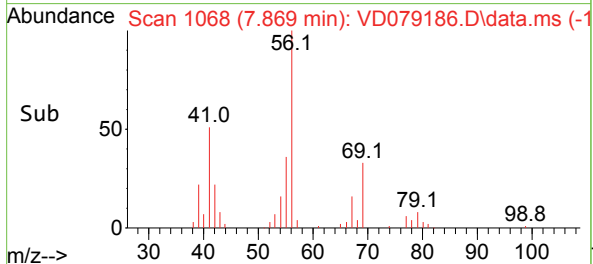
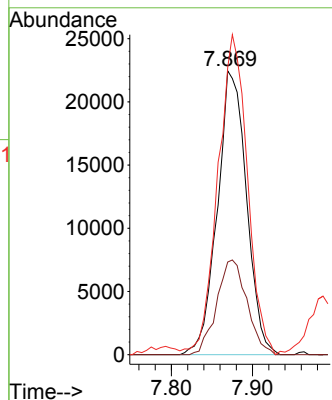
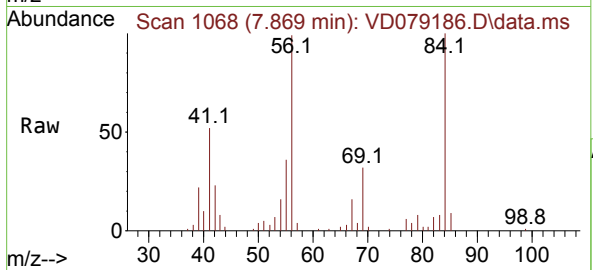




#29
Cyclohexane
Concen: 17.376 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

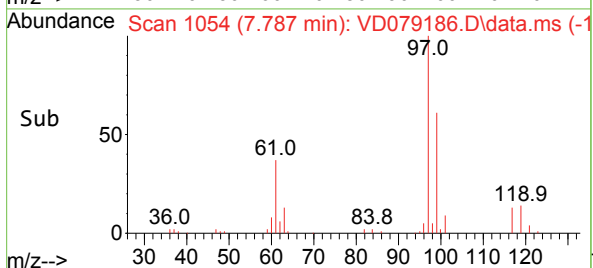
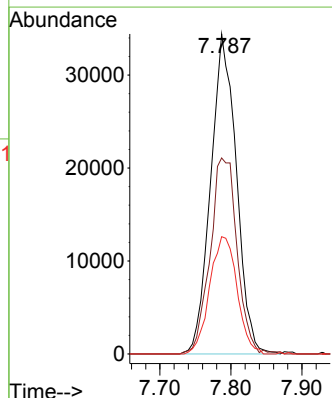
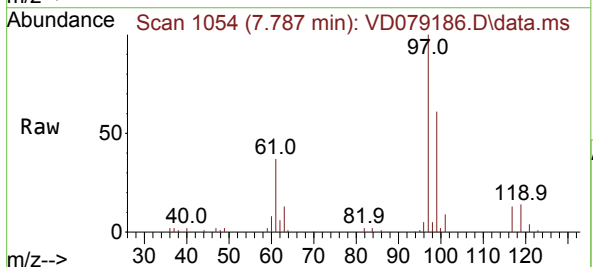
Instrument :
MSVOA_D
ClientSampleId :

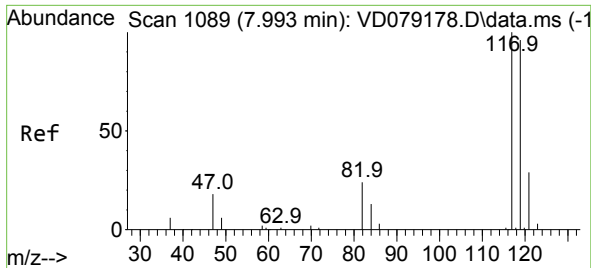
Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.7	26.6	40.0
84	114.0	87.5	131.3



#30
1,1,1-Trichloroethane
Concen: 20.416 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

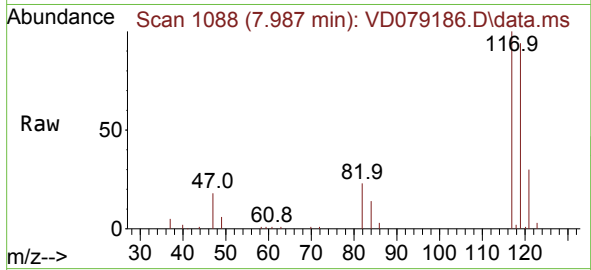
Tgt Ion	Ratio	Lower	Upper
97	100		
99	40.6	52.3	78.5#
61	39.1	31.7	47.5



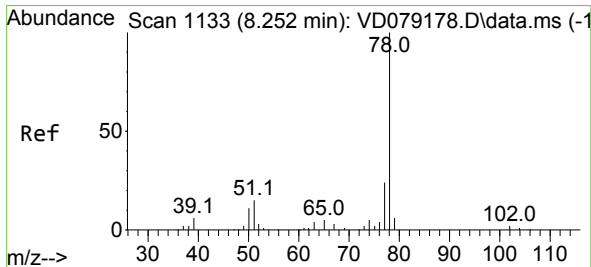
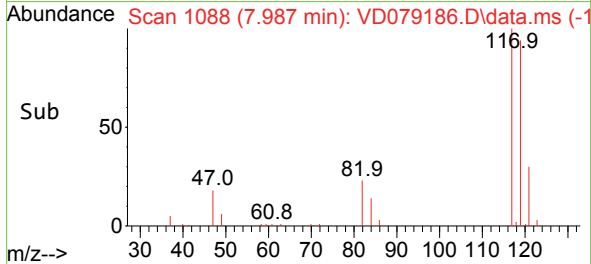
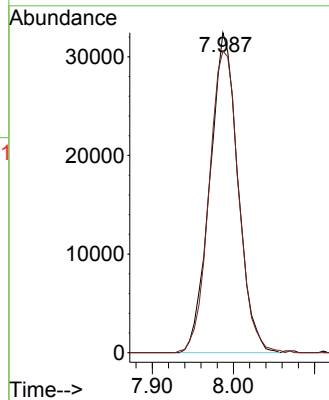


#31
Carbon tetrachloride
Concen: 19.860 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Instrument :
MSVOA_D
ClientSampleId :

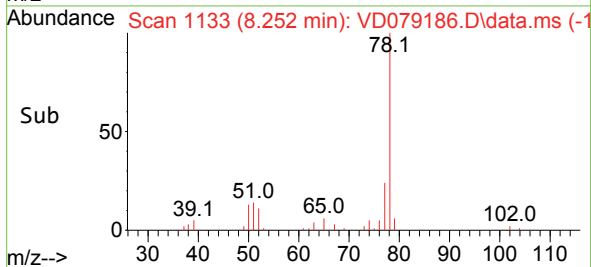
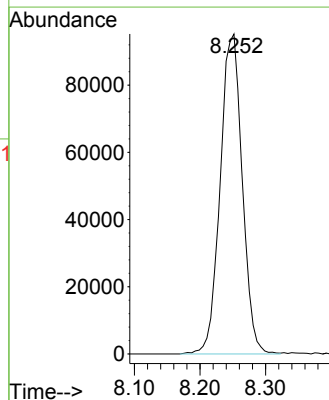
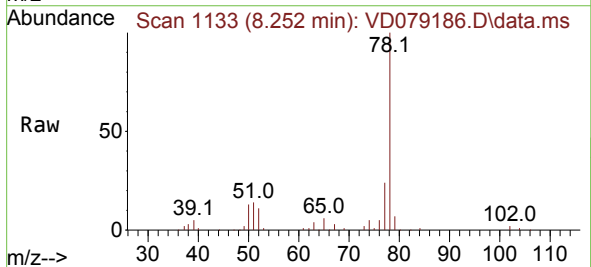


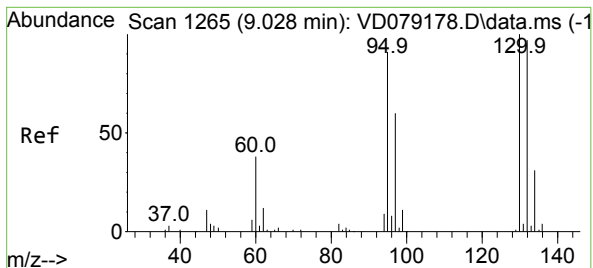
Tgt Ion:117 Resp: 78086
Ion Ratio Lower Upper
117 100
119 98.7 79.6 119.4



#33
Benzene
Concen: 20.884 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 78 Resp: 222286





#34

Trichloroethene

Concen: 20.349 ug/L

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 55785

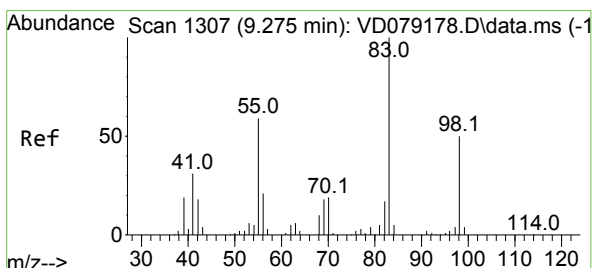
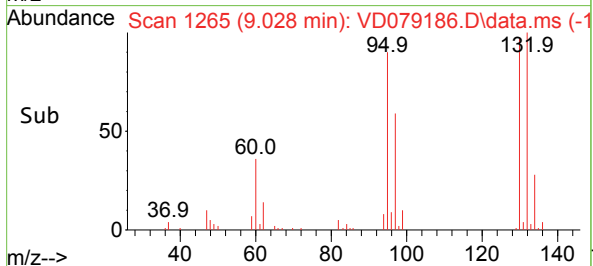
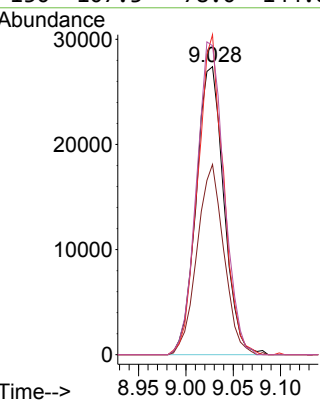
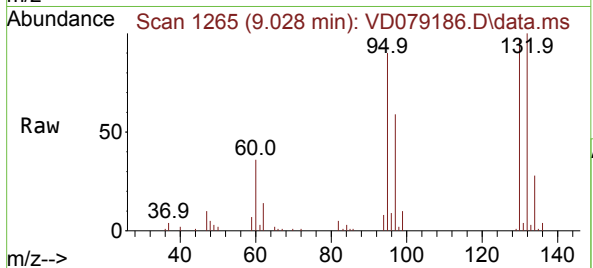
Ion Ratio Lower Upper

95 100

97 66.0 44.6 82.8

132 111.1 74.9 139.1

130 107.3 78.0 144.8



#35

Methylcyclohexane

Concen: 17.428 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

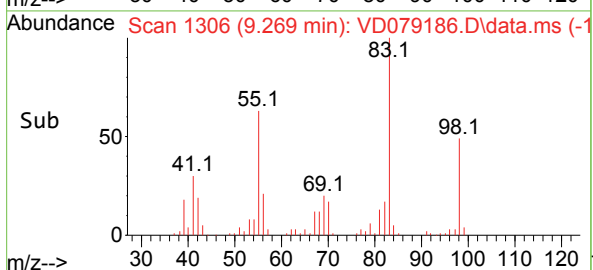
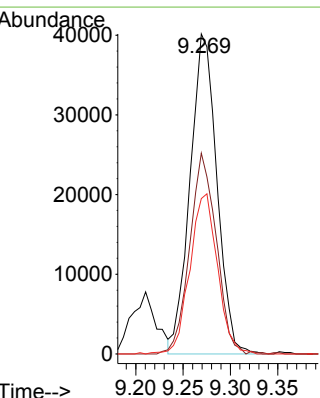
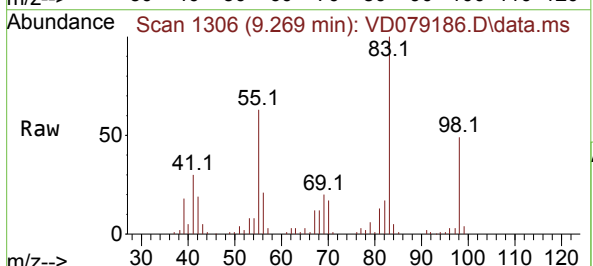
Tgt Ion: 83 Resp: 79168

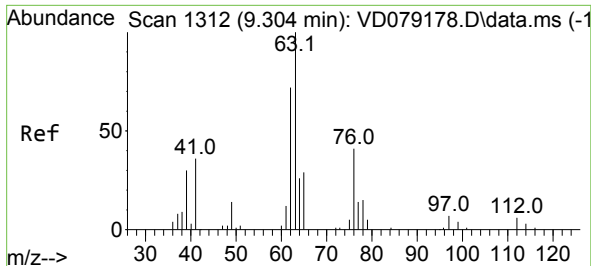
Ion Ratio Lower Upper

83 100

55 61.9 48.6 72.8

98 51.5 40.2 60.2





#37

1,2-Dichloropropane

Concen: 22.259 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

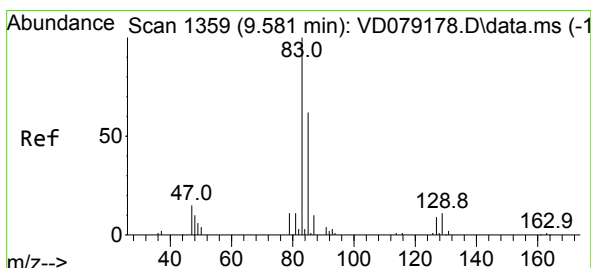
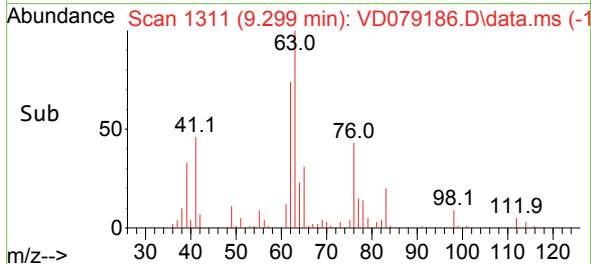
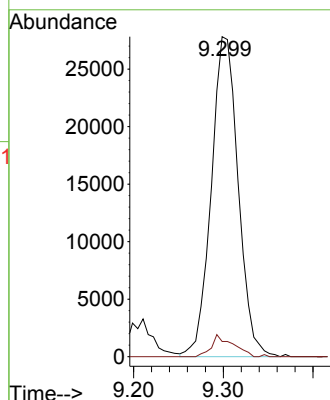
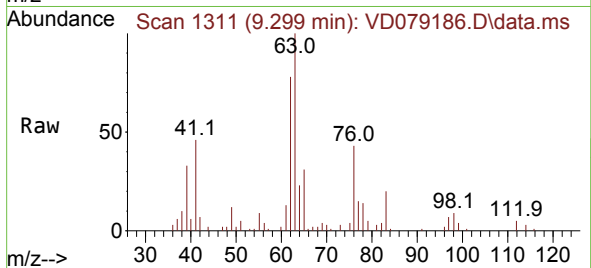
ClientSampleId :

Tgt Ion: 63 Resp: 58033

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9



#38

Bromodichloromethane

Concen: 21.931 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

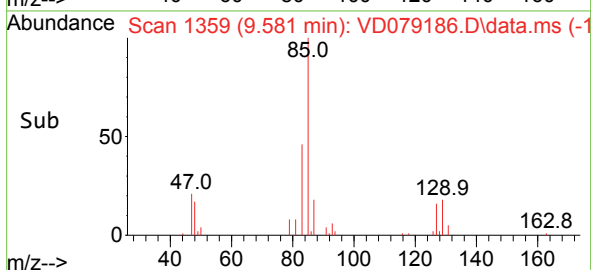
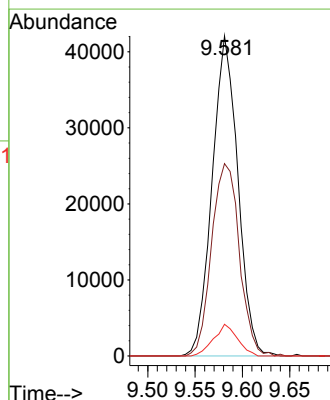
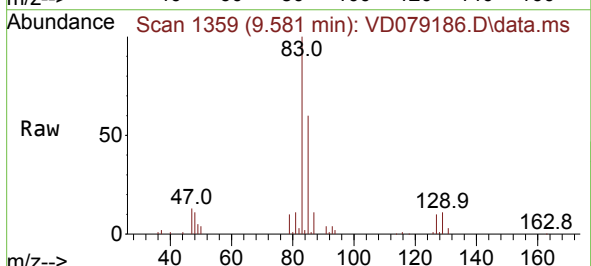
Tgt Ion: 83 Resp: 79485

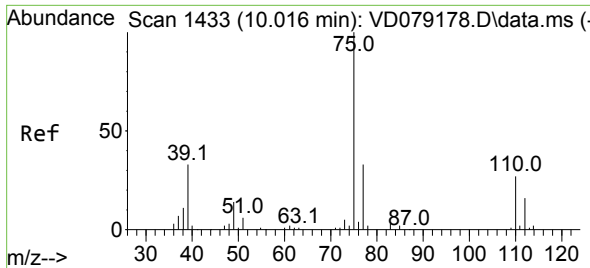
Ion Ratio Lower Upper

83 100

85 60.1 46.5 86.5

127 9.9 7.0 10.6

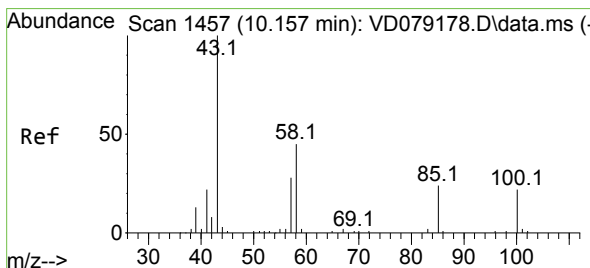
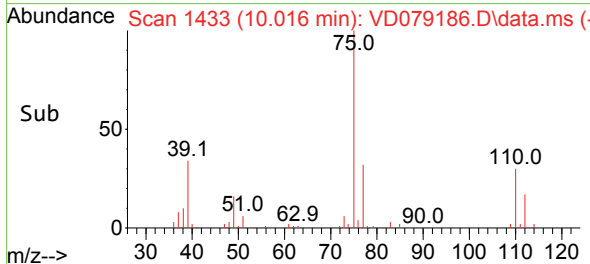
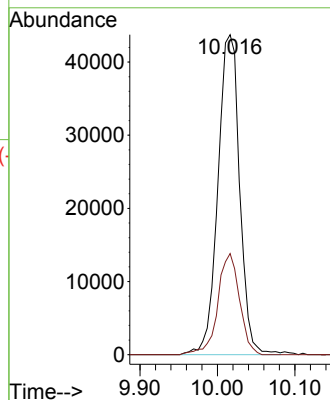
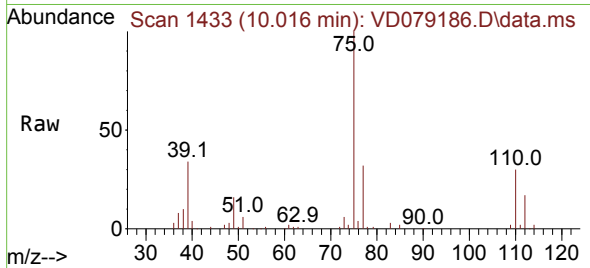




#39
 cis-1,3-Dichloropropene
 Concen: 20.967 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

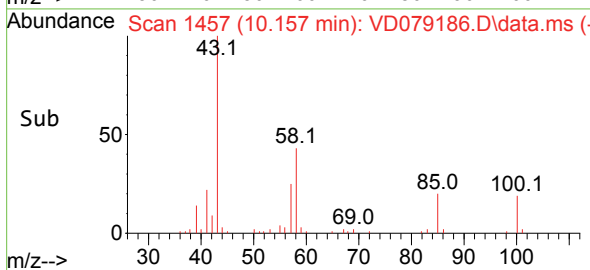
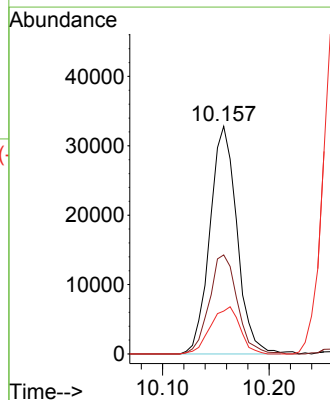
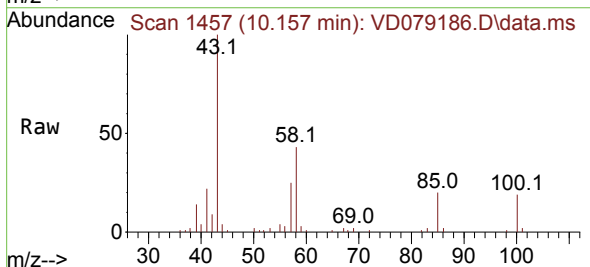
Instrument :
 MSVOA_D
 ClientSampleId :

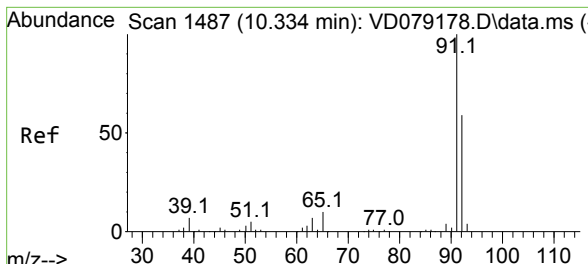
Tgt Ion: 75 Resp: 85333
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 53.128 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion: 43 Resp: 57822
 Ion Ratio Lower Upper
 43 100
 58 44.9 34.0 51.0
 100 22.5 16.9 25.3



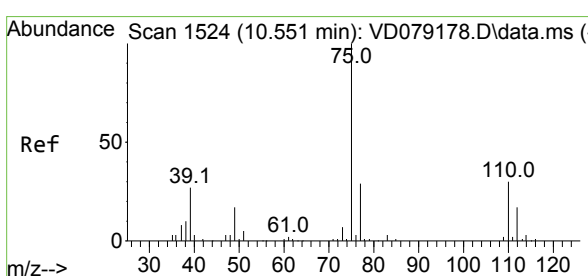
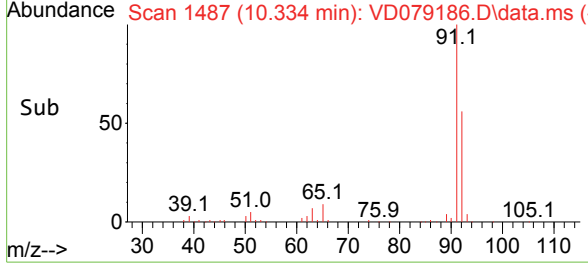
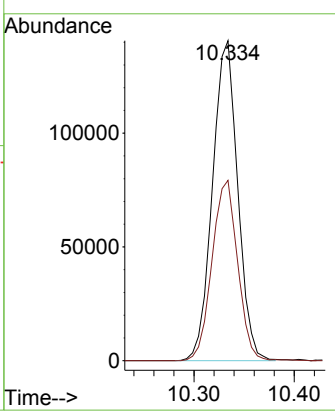
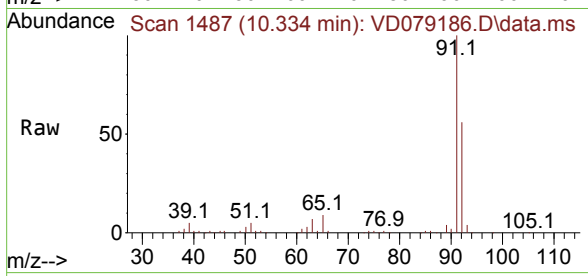


#42
 Toluene
 Concen: 20.778 ug/L
 RT: 10.334 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 245582

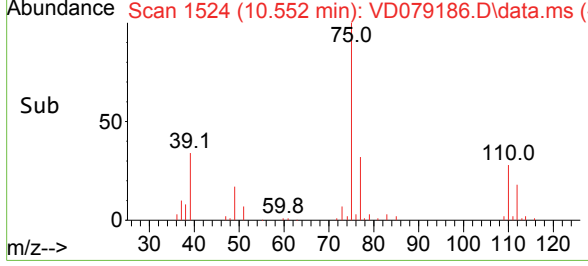
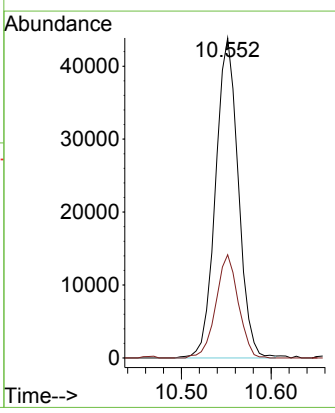
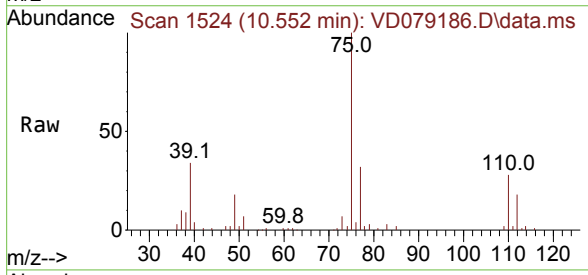
Ion	Ratio	Lower	Upper
91	100		
92	56.3	38.9	72.3

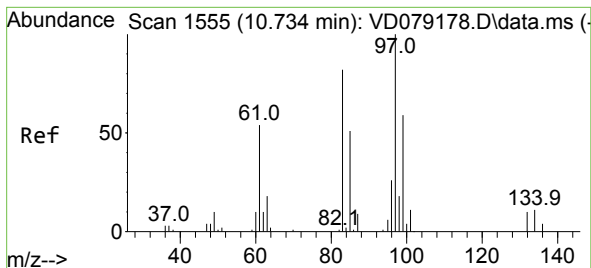


#44
 trans-1,3-Dichloropropene
 Concen: 22.386 ug/L
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion: 75 Resp: 77044

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.3	45.1





#45

1,1,2-Trichloroethane

Concen: 22.418 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 51275

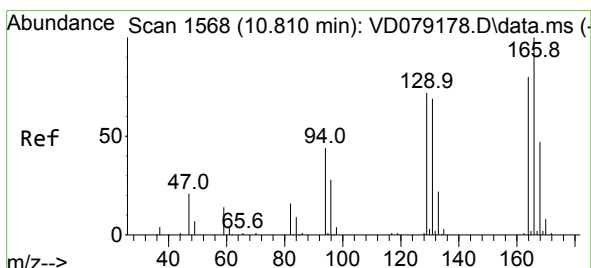
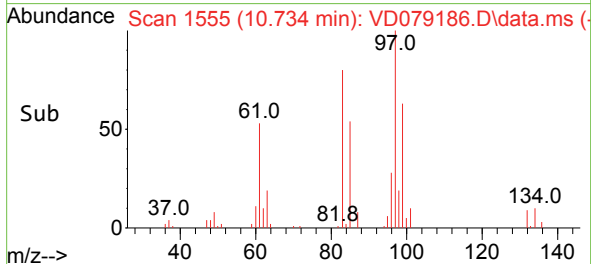
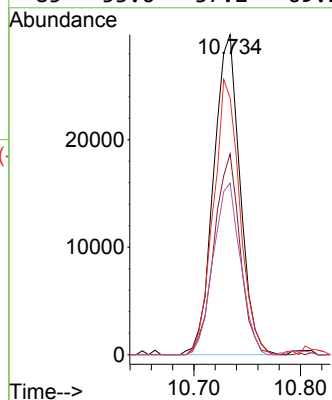
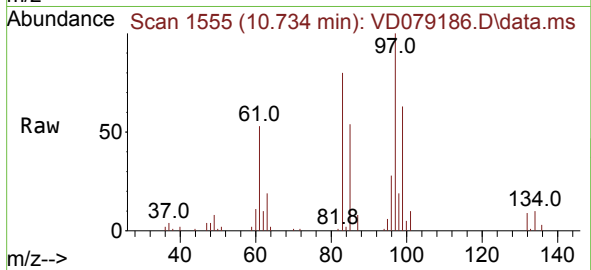
Ion Ratio Lower Upper

97 100

99 62.7 43.0 79.8

83 80.3 58.9 109.5

85 53.6 37.2 69.2



#46

Tetrachloroethene

Concen: 18.808 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Tgt Ion:164 Resp: 45401

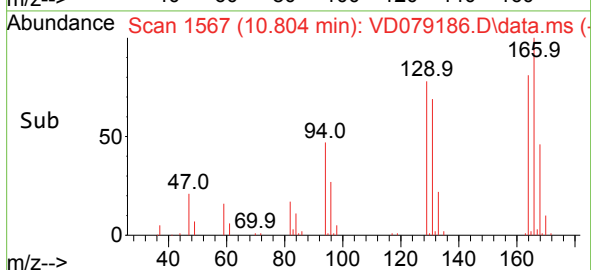
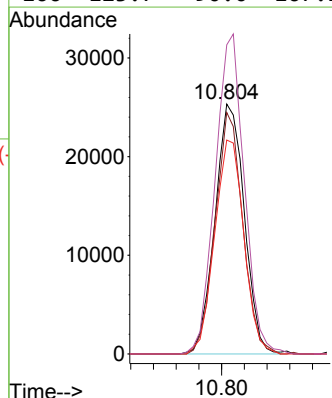
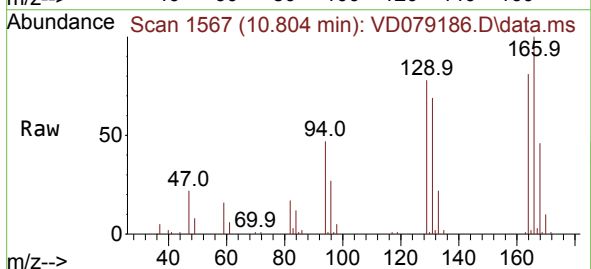
Ion Ratio Lower Upper

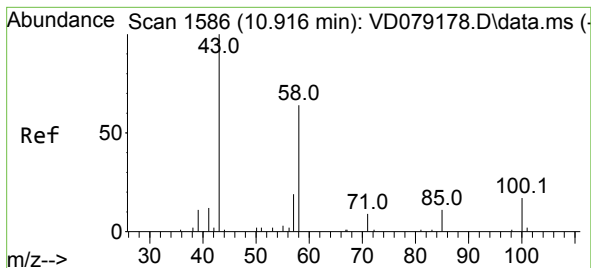
164 100

129 96.6 64.3 119.5

131 85.6 61.2 113.8

166 123.7 90.0 167.2





#48

2-Hexanone

Concen: 49.349 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

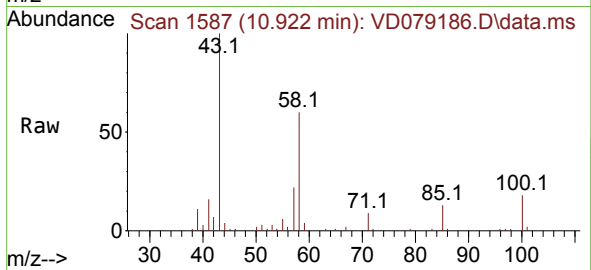
Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 46475

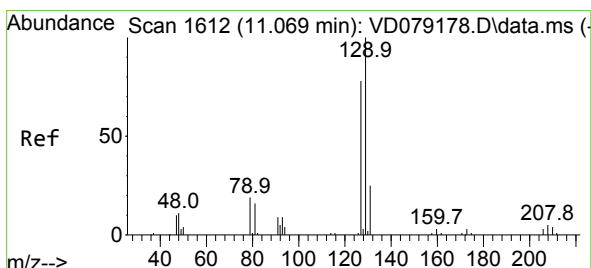
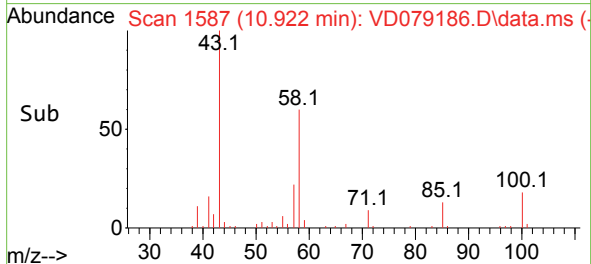
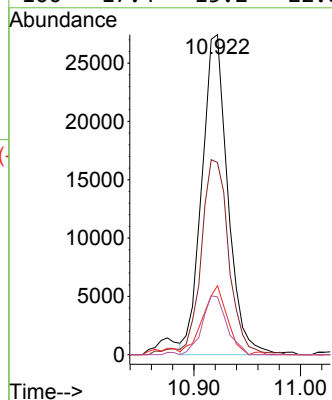
Ion Ratio Lower Upper

43 100

58 63.8 50.1 75.1

57 20.2 16.5 24.7

100 17.4 15.2 22.8



#49

Dibromochloromethane

Concen: 22.360 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079186.D

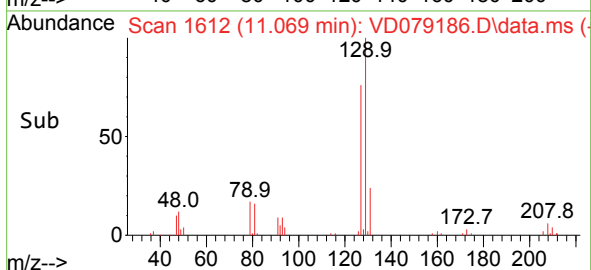
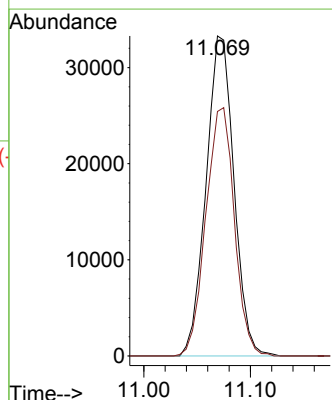
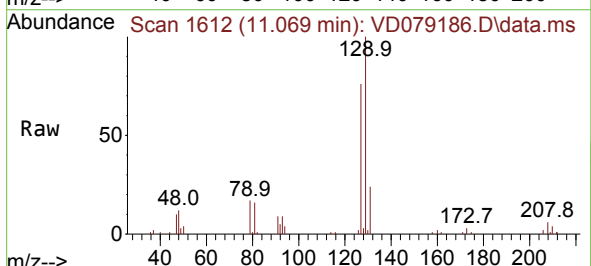
Acq: 13 Jun 2024 18:40

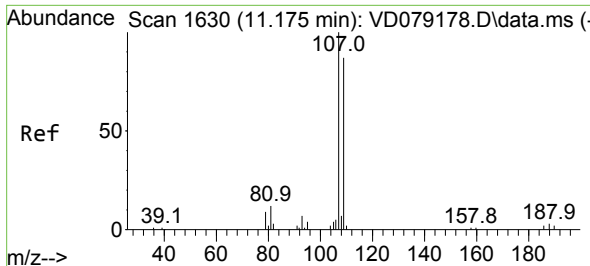
Tgt Ion:129 Resp: 60565

Ion Ratio Lower Upper

129 100

127 76.4 56.4 104.7

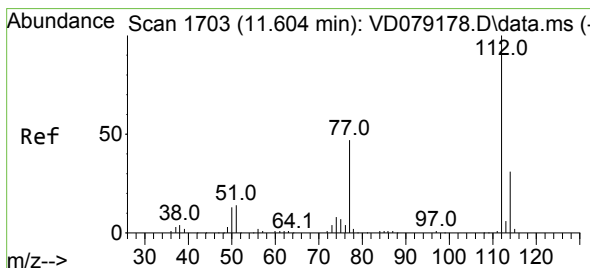
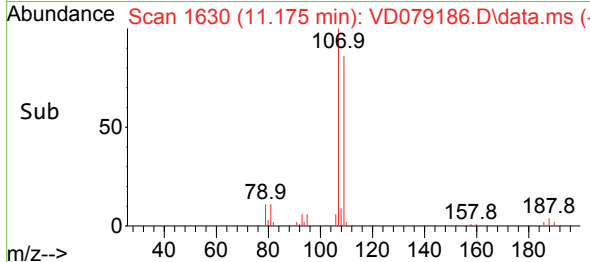
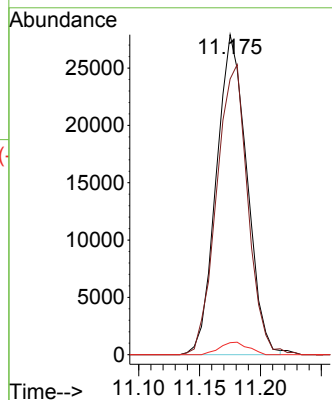
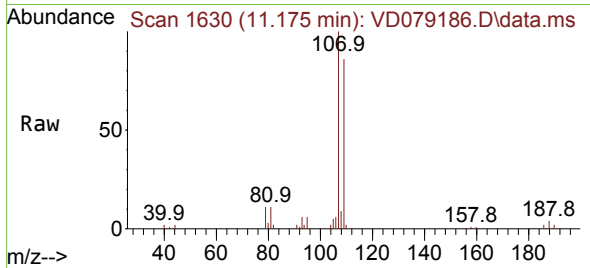




#50
1,2-Dibromoethane
Concen: 23.240 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

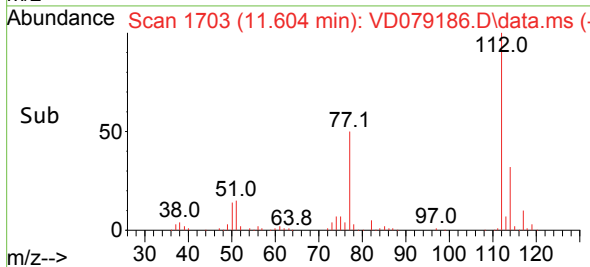
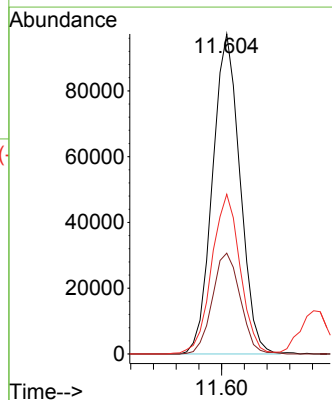
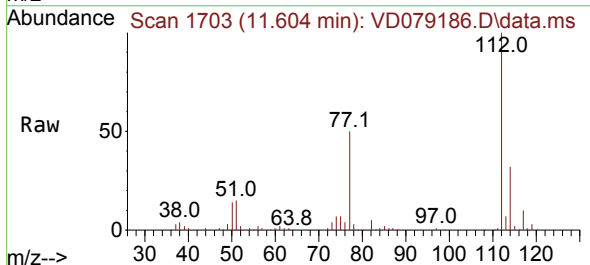
Instrument :
MSVOA_D
ClientSampleId :

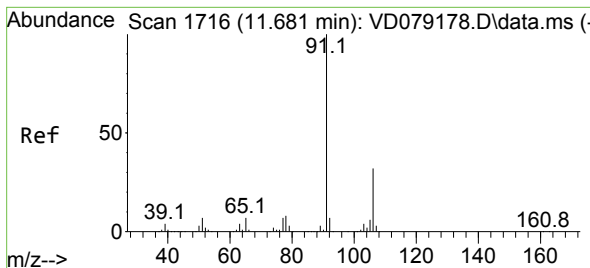
Tgt Ion:107 Resp: 48852
Ion Ratio Lower Upper
107 100
109 86.1 64.5 119.7
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 20.778 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:112 Resp: 163404
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.3
77 49.9 38.4 57.6

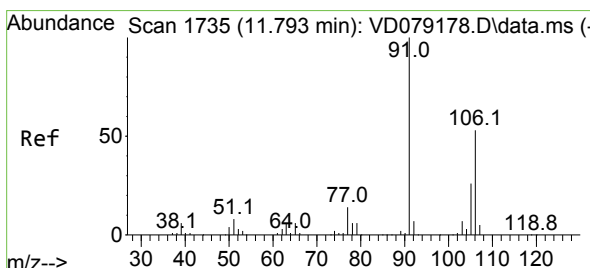
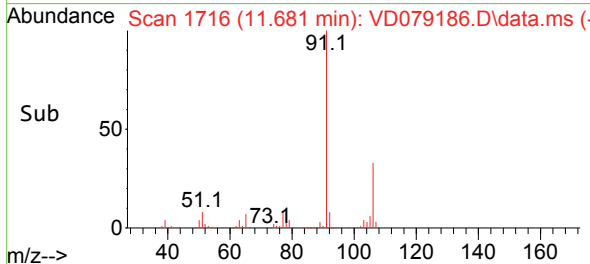
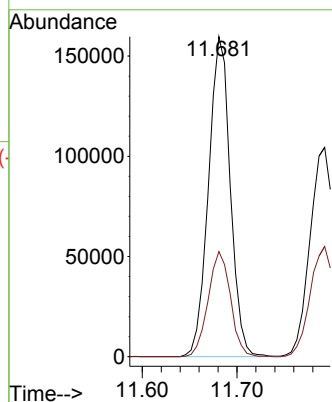
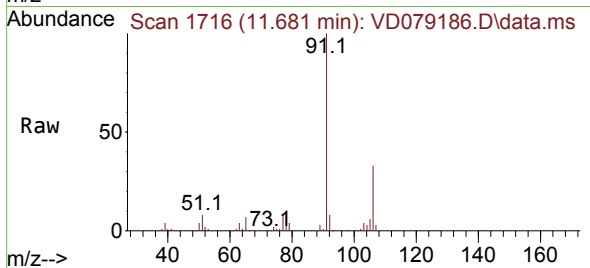




#52
Ethylbenzene
Concen: 20.671 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

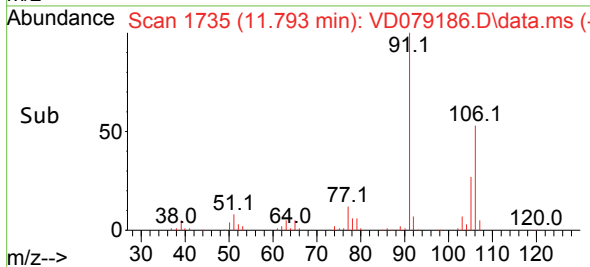
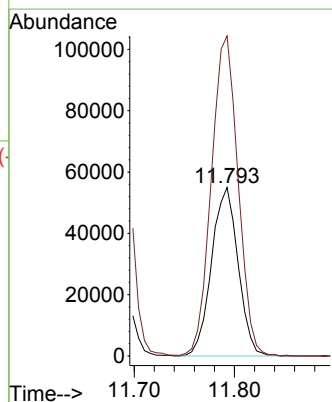
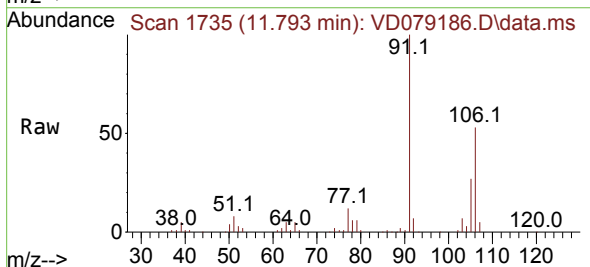
Instrument :
MSVOA_D
ClientSampleId :

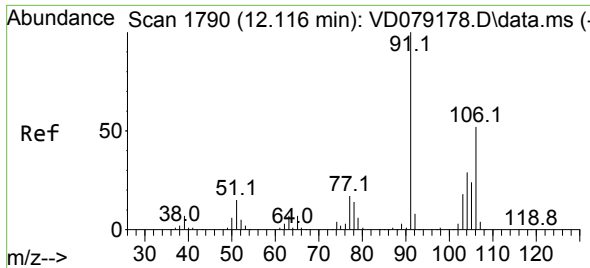
Tgt Ion: 91 Resp: 254851
Ion Ratio Lower Upper
91 100
106 32.8 22.3 41.5



#53
m,p-Xylene
Concen: 20.905 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion: 106 Resp: 101117
Ion Ratio Lower Upper
106 100
91 189.9 133.1 247.1

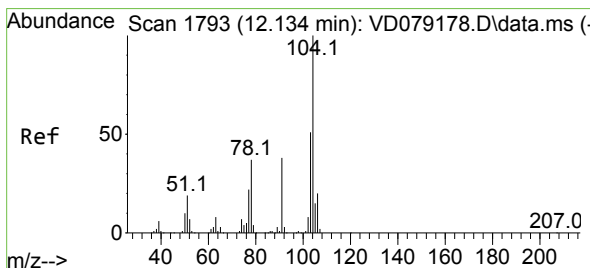
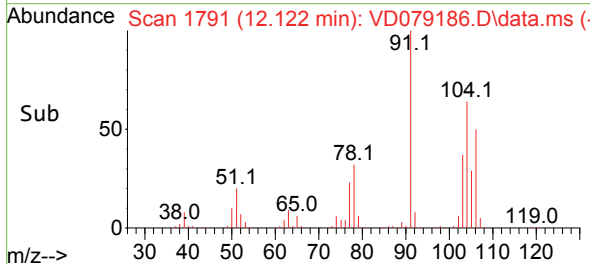
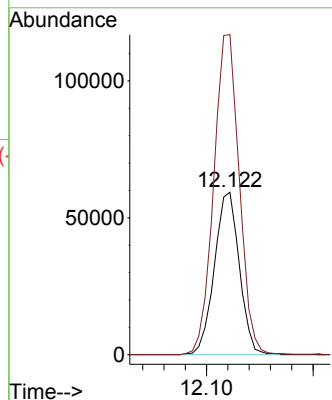
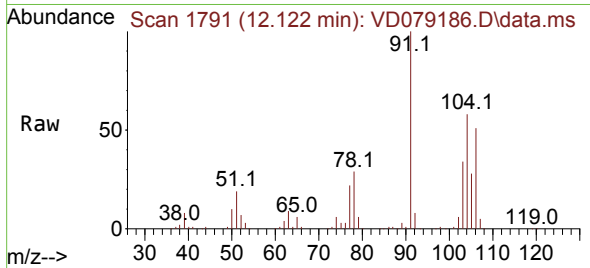




#54
o-Xylene
Concen: 20.624 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

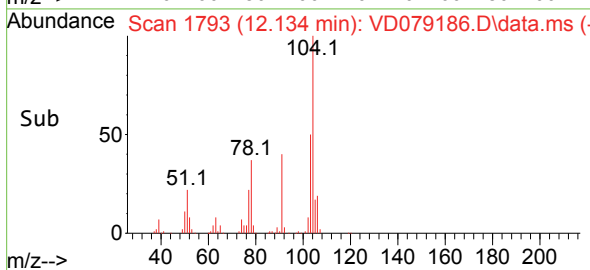
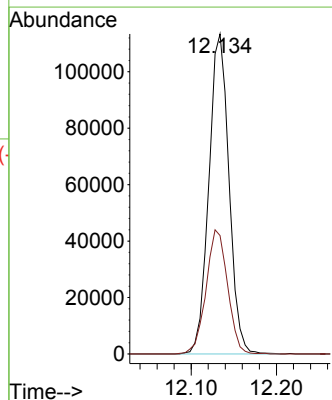
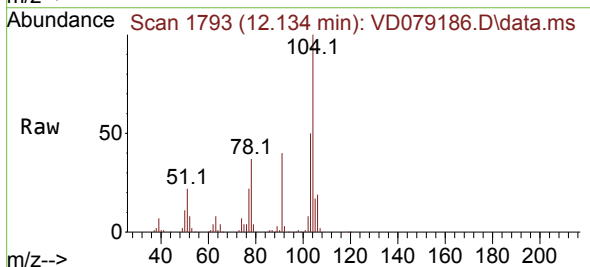
Instrument :
MSVOA_D
ClientSampleId :

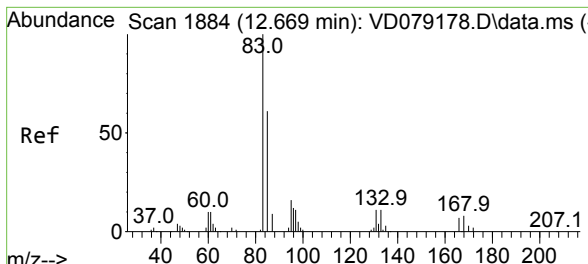
Tgt Ion:106 Resp: 96380
Ion Ratio Lower Upper
106 100
91 196.9 132.9 246.9



#55
Styrene
Concen: 22.405 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:104 Resp: 185651
Ion Ratio Lower Upper
104 100
78 37.0 27.8 51.6

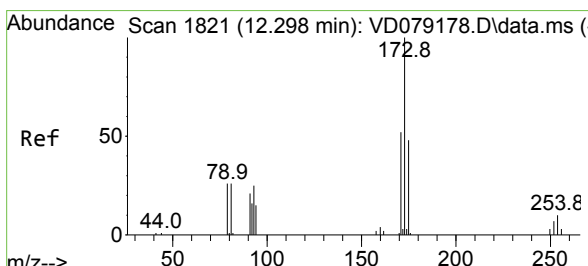
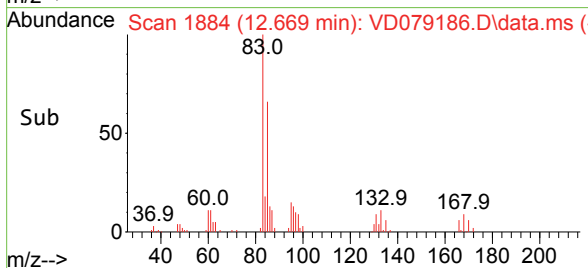
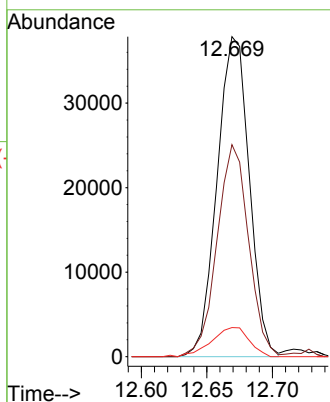
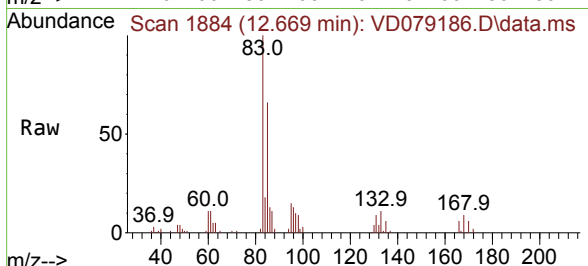




#57
 1,1,2,2-Tetrachloroethane
 Concen: 25.248 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

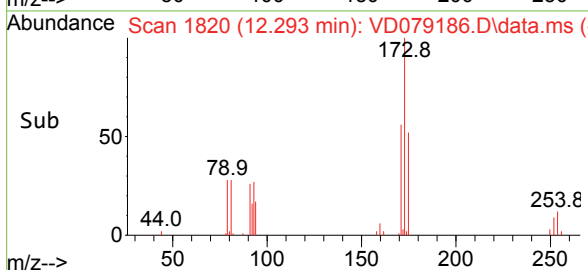
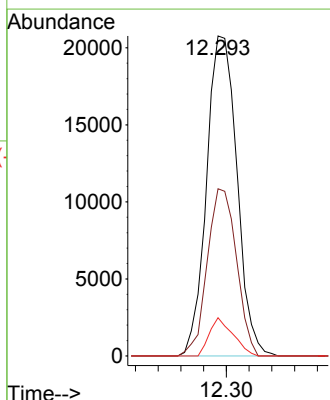
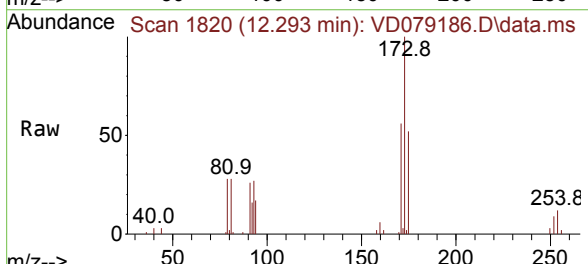
Instrument :
 MSVOA_D
 ClientSampleId :

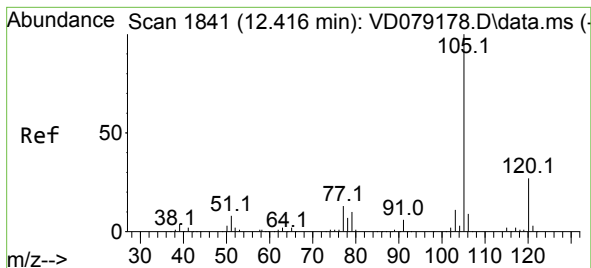
Tgt Ion:	83	Resp:	64642
Ion Ratio	Lower	Upper	
83	100		
85	66.3	47.5	88.1
131	9.1	8.6	13.0



#59
 Bromoform
 Concen: 22.694 ug/L
 RT: 12.293 min Scan# 1820
 Delta R.T. -0.006 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion:	173	Resp:	38626
Ion Ratio	Lower	Upper	
173	100		
175	50.2	38.2	57.4
254	9.3	7.0	10.6





#60

Isopropylbenzene

Concen: 20.448 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

Instrument :

MSVOA_D

ClientSampleId :

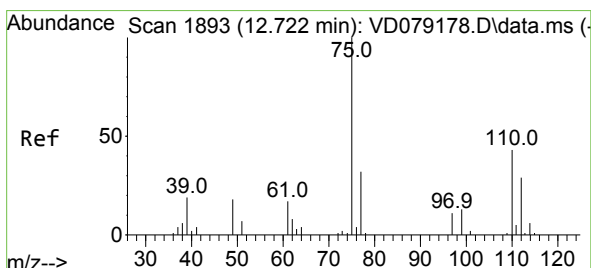
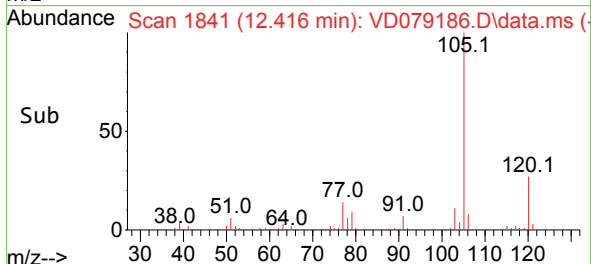
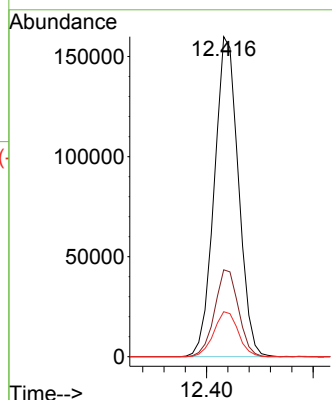
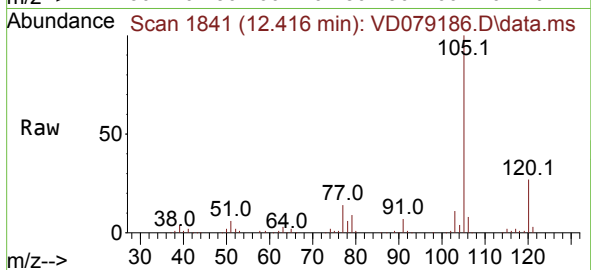
Tgt Ion:105 Resp: 251091

Ion Ratio Lower Upper

105 100

120 26.8 21.9 32.9

77 14.2 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.286 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079186.D

Acq: 13 Jun 2024 18:40

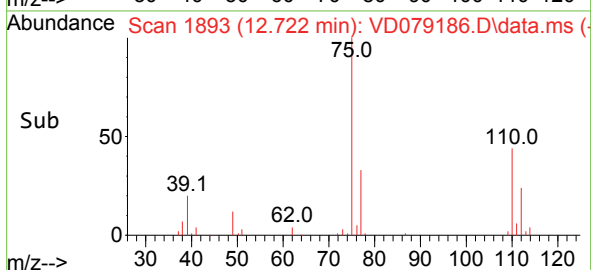
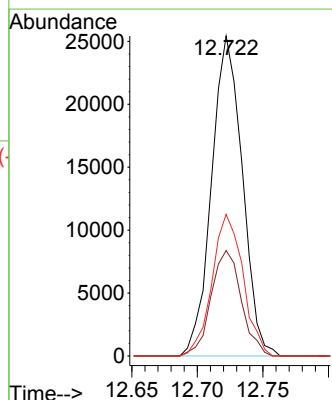
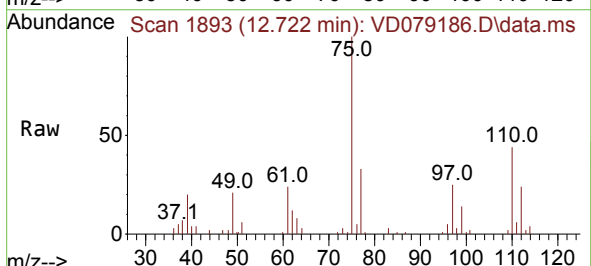
Tgt Ion: 75 Resp: 41458

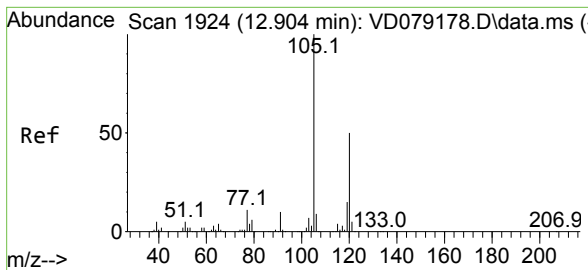
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 44.5 34.2 51.4

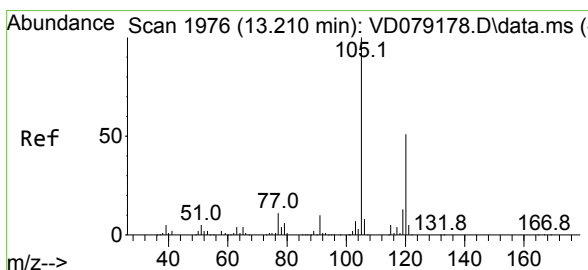
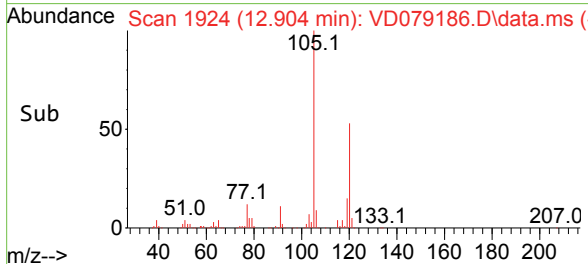
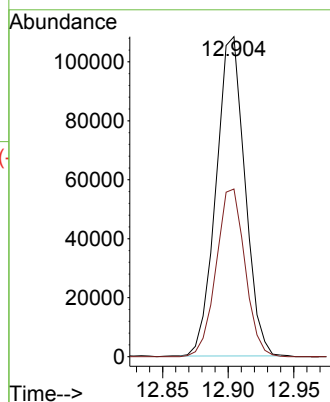
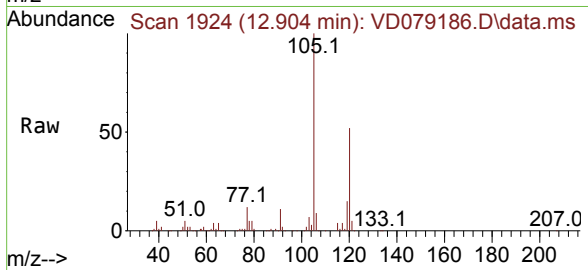




#62
 1,3,5-Trimethylbenzene
 Concen: 19.720 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

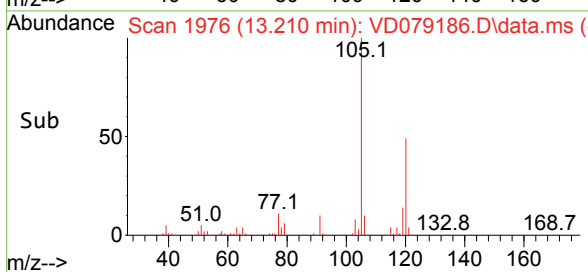
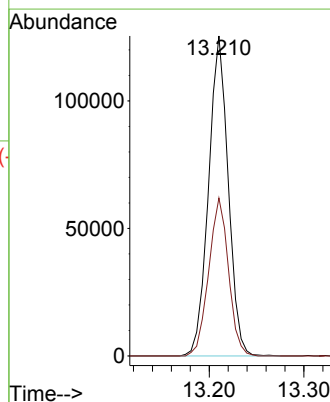
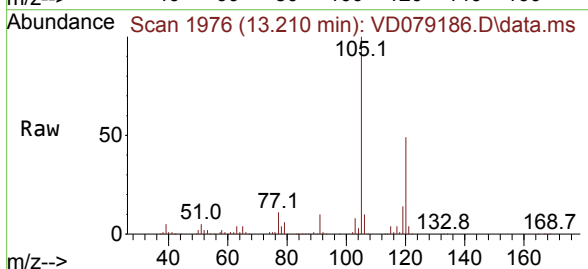
Instrument :
 MSVOA_D
 ClientSampleId :

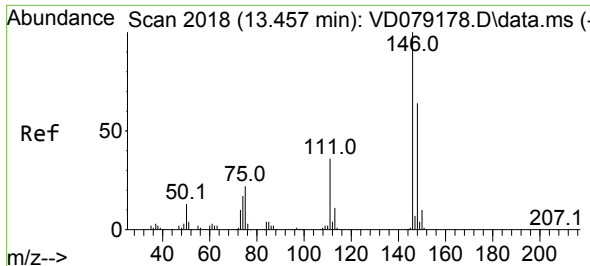
Tgt Ion:105 Resp: 165565
 Ion Ratio Lower Upper
 105 100
 120 52.4 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 20.149 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Tgt Ion:105 Resp: 180939
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.0 57.0

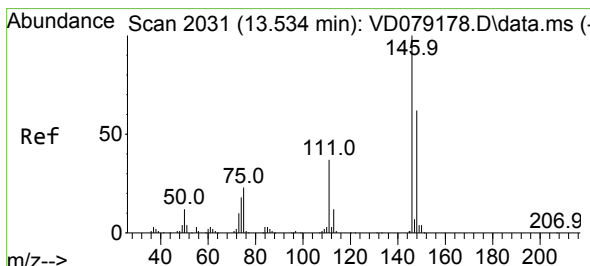
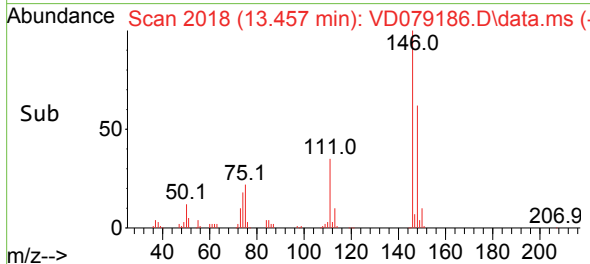
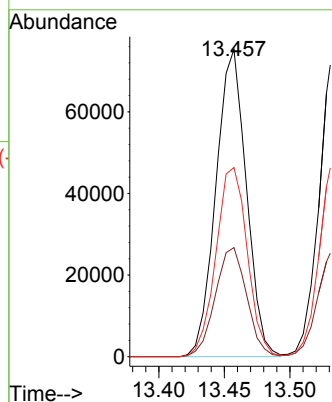
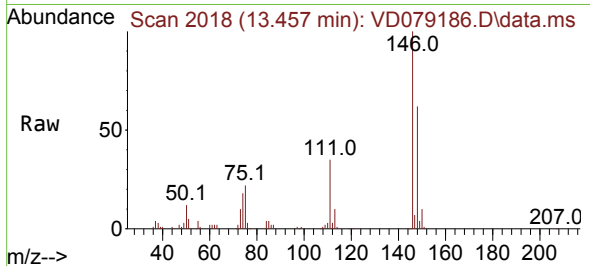




#64
1,3-Dichlorobenzene
Concen: 20.600 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

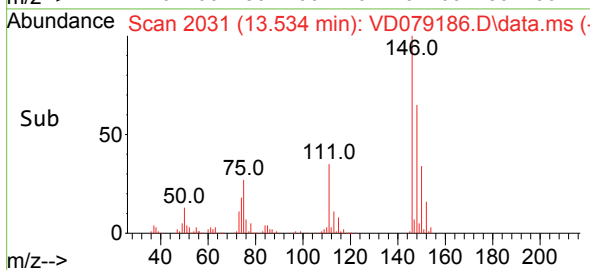
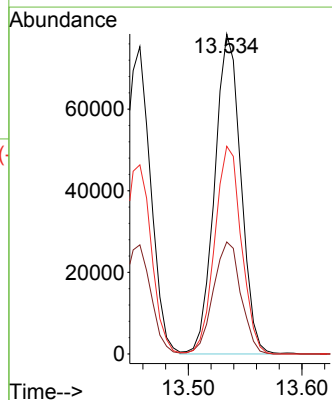
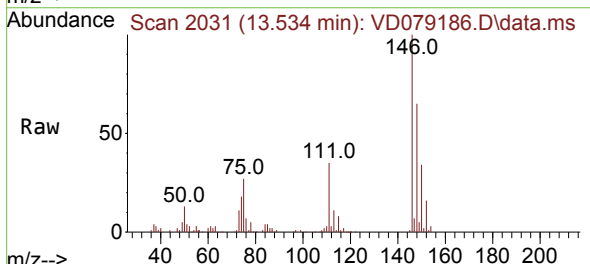
Instrument :
MSVOA_D
ClientSampleId :

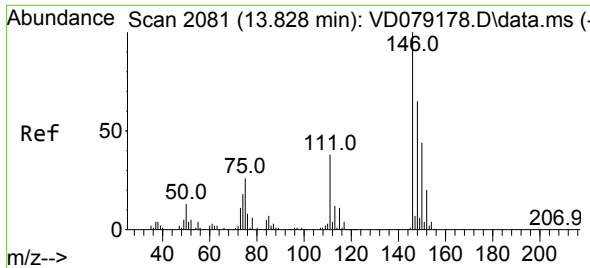
Tgt Ion:146 Resp: 121517
Ion Ratio Lower Upper
146 100
111 35.5 24.4 45.4
148 61.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 20.178 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:146 Resp: 126122
Ion Ratio Lower Upper
146 100
111 35.0 26.3 48.9
148 64.9 43.1 80.1

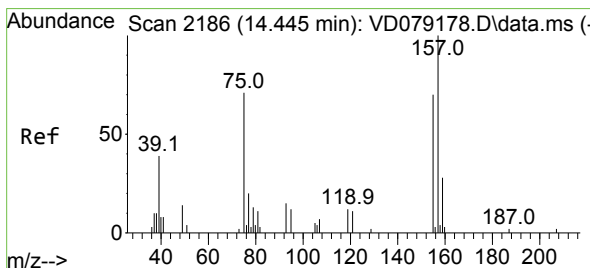
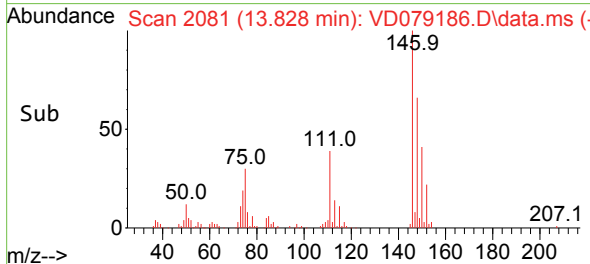
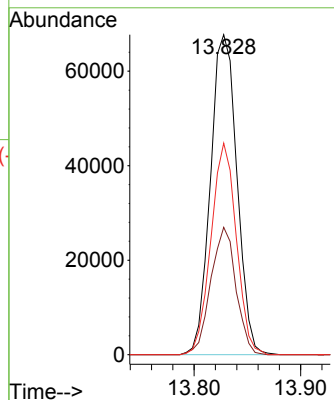
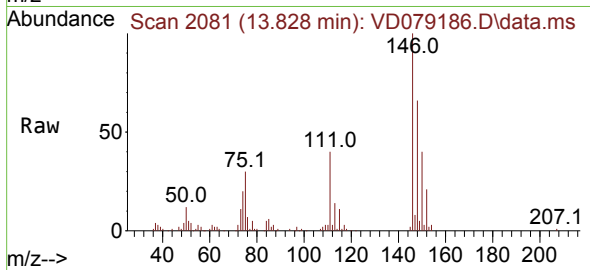




#67
1,2-Dichlorobenzene
Concen: 21.448 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

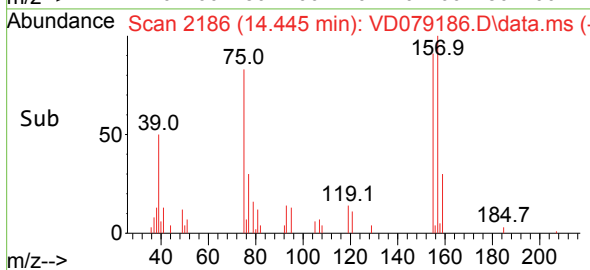
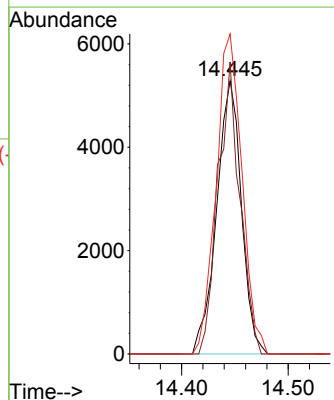
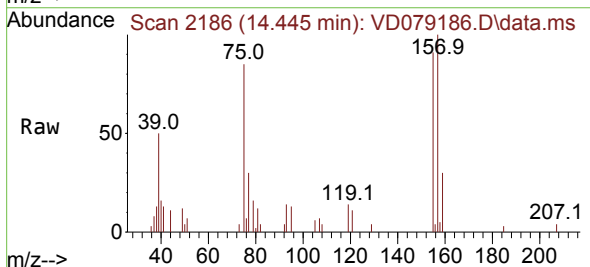
Instrument :
MSVOA_D
ClientSampleId :

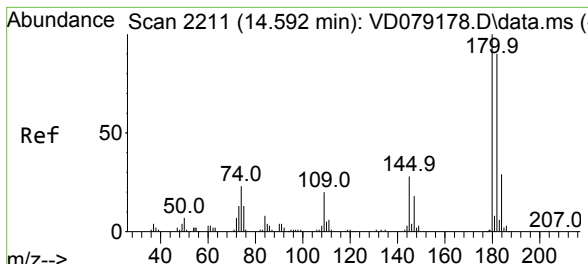
Tgt Ion:146 Resp: 116960
Ion Ratio Lower Upper
146 100
111 39.8 29.1 43.7
148 66.1 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.293 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

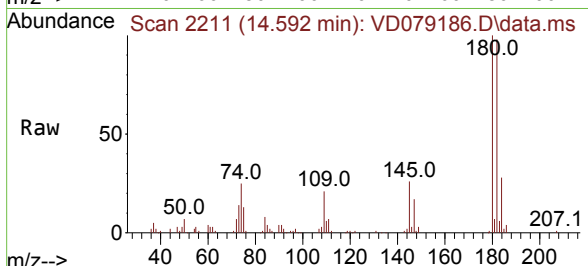
Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
155 106.9 68.1 102.1#
157 117.2 91.6 137.4





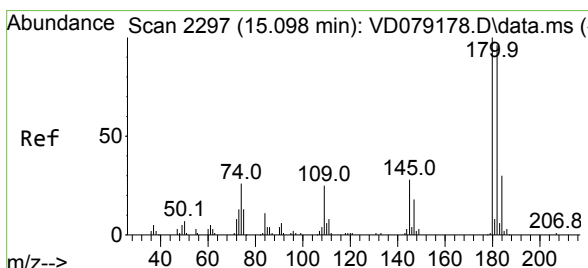
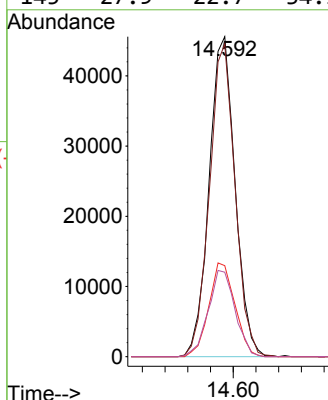
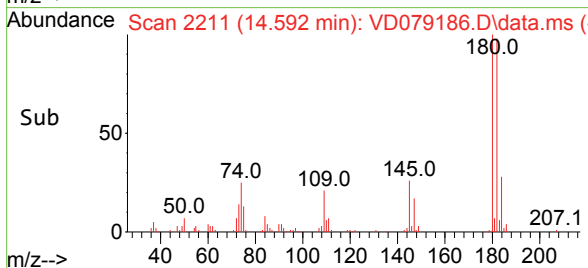
#69
 1,3,5-Trichlorobenzene
 Concen: 19.435 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40

Instrument :
 MSVOA_D
 ClientSampleId :

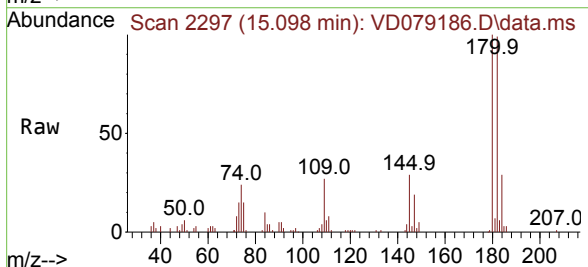


Tgt Ion:180 Resp: 72307

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
184	29.5	23.3	34.9
145	27.9	22.7	34.1

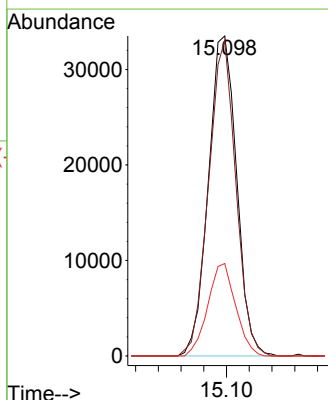
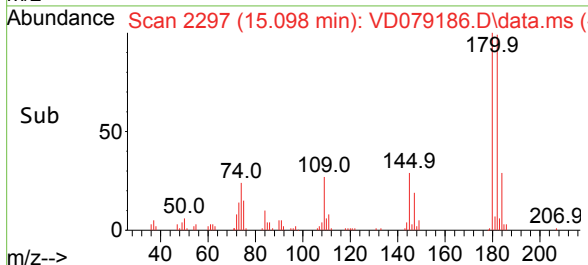


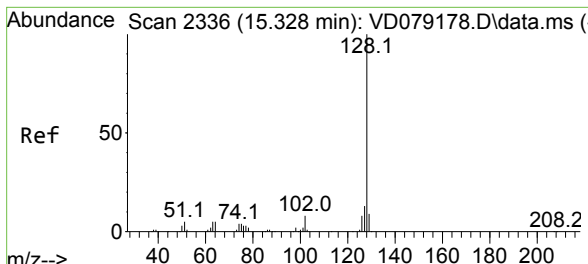
#70
 1,2,4-trichlorobenzene
 Concen: 18.690 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079186.D
 Acq: 13 Jun 2024 18:40



Tgt Ion:180 Resp: 57752

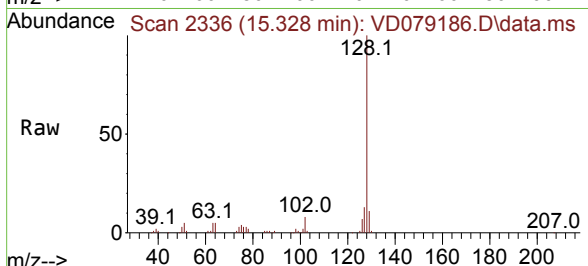
Ion	Ratio	Lower	Upper
180	100		
182	95.1	73.8	110.6
145	28.6	22.3	33.5





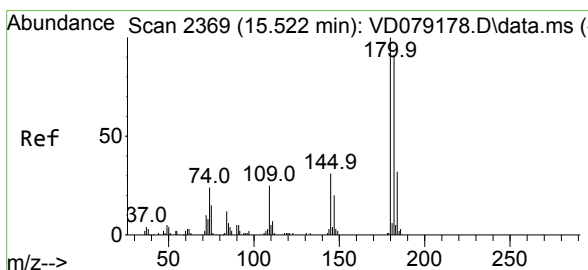
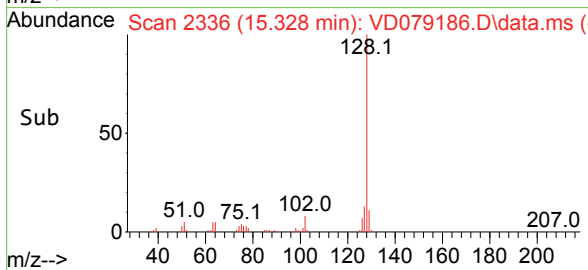
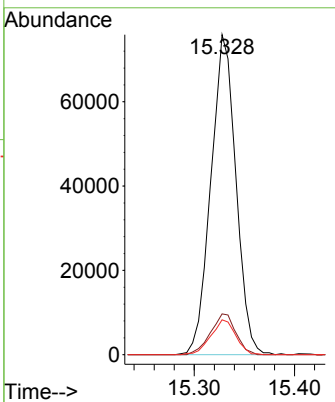
#71
Naphthalene
Concen: 22.709 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 131230

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 21.535 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079186.D
Acq: 13 Jun 2024 18:40

Tgt Ion:180 Resp: 57511

Ion	Ratio	Lower	Upper
180	100		
182	98.3	79.4	119.2
145	29.8	24.7	37.1

