

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076452.D
 Acq On : 15 Jun 2023 22:07
 Operator : KP/SY
 Sample : VSTDCCC050EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025159

Quant Time: Jun 16 02:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	224815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	205032	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	100075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	125662	22.952	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
7) Chloroethane-d5	2.793	69	98941	22.350	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.400%		
11) 1,1-Dichloroethene-d2	3.917	65	29727	20.801	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.200%		
21) 2-Butanone-d5	6.987	46	42927	51.772	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.540%		
24) Chloroform-d	7.569	84	136182	22.992	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.960%		
26) 1,2-Dichloroethane-d4	8.228	65	67852	23.221	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.880%		
32) Benzene-d6	8.199	84	278048	22.169	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.680%		
36) 1,2-Dichloropropane-d6	9.210	67	91227	22.787	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.160%		
41) Toluene-d8	10.269	98	257119	22.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.560%		
43) trans-1,3-Dichloroprop...	10.522	79	39256	23.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.280%		
47) 2-Hexanone-d5	10.875	63	29943	48.182	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.360%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72195	25.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.400%		
66) 1,2-Dichlorobenzene-d4	13.816	152	84946	23.158	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	86000	24.549	ug/L	100
3) Chloromethane	2.146	50	152039	26.107	ug/L	96
5) Vinyl chloride	2.275	62	160205	25.501	ug/L	100
6) Bromomethane	2.687	94	82559	23.726	ug/L	99
8) Chloroethane	2.828	64	97826	25.421	ug/L	100
9) Trichlorofluoromethane	3.170	101	113715	25.034	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72876	24.733	ug/L	99
12) 1,1-Dichloroethene	3.928	96	69857	23.942	ug/L	93
13) Acetone	4.022	43	28910	43.168	ug/L	95
14) Carbon disulfide	4.264	76	256411	24.244	ug/L	96
15) Methyl Acetate	4.564	43	41060	26.858	ug/L	93
16) Methylene chloride	4.799	84	90054	23.046	ug/L	92
17) trans-1,2-Dichloroethene	5.305	96	80819	24.845	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	193733	26.160	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	148311	24.938	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	89813	24.722	ug/L	98
22) 2-Butanone	7.081	43	53035	49.072	ug/L	75
23) Bromochloromethane	7.428	128	41261	26.761	ug/L	92
25) Chloroform	7.593	83	144654	24.923	ug/L	99

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 Response via : Initial Calibration

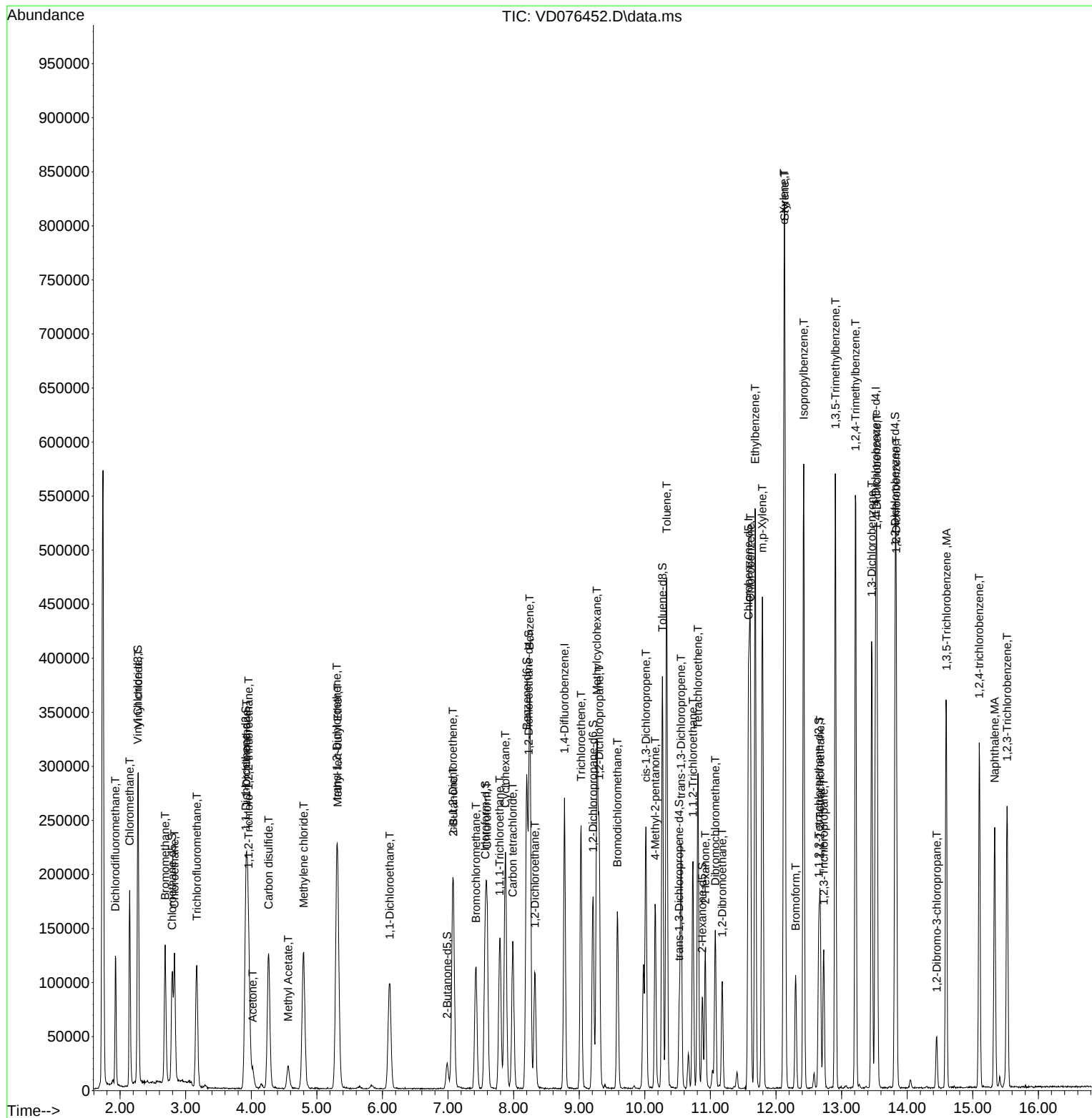
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	92201	25.832	ug/L	95
29) Cyclohexane	7.875	56	128304	23.532	ug/L	95
30) 1,1,1-Trichloroethane	7.787	97	113156	23.757	ug/L	97
31) Carbon tetrachloride	7.987	117	94568	24.826	ug/L	98
33) Benzene	8.246	78	332487	24.502	ug/L	100
34) Trichloroethene	9.028	95	83552	23.969	ug/L	97
35) Methylcyclohexane	9.269	83	138216	24.588	ug/L	99
37) 1,2-Dichloropropane	9.305	63	90477	24.456	ug/L	99
38) Bromodichloromethane	9.581	83	108249	25.654	ug/L #	99
39) cis-1,3-Dichloropropene	10.016	75	142486	25.222	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	119607	51.970	ug/L	98
42) Toluene	10.334	91	359858	24.816	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	115272	25.104	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	66220	26.096	ug/L	96
46) Tetrachloroethene	10.810	164	66187	24.152	ug/L	90
48) 2-Hexanone	10.922	43	85341	54.142	ug/L	100
49) Dibromochloromethane	11.075	129	75324	26.119	ug/L	99
50) 1,2-Dibromoethane	11.181	107	64629	26.240	ug/L	91
51) Chlorobenzene	11.610	112	226922	25.065	ug/L	98
52) Ethylbenzene	11.681	91	388632	24.864	ug/L	98
53) m,p-Xylene	11.793	106	148644	24.199	ug/L	89
54) o-Xylene	12.122	106	145481	24.875	ug/L	96
55) Styrene	12.134	104	256156	25.351	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	78806	27.174	ug/L	98
59) Bromoform	12.298	173	46372	25.884	ug/L	98
60) Isopropylbenzene	12.422	105	369059	24.111	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	51143	26.333	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	296772	24.233	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	293038	24.248	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	170864	25.091	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	176025	25.643	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	155083	25.564	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	11214	25.909	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	111245	24.491	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	99501	24.620	ug/L	99
71) Naphthalene	15.334	128	203455	26.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	88256	25.147	ug/L	97

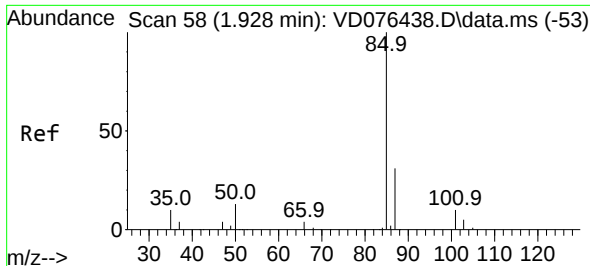
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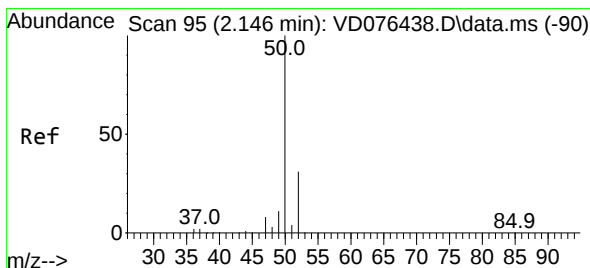
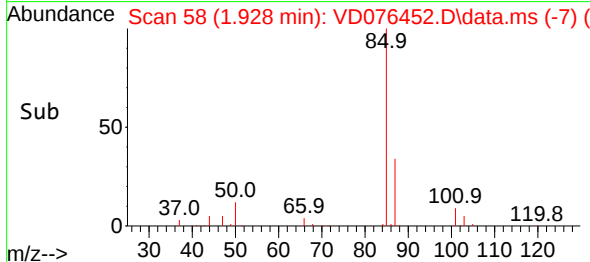
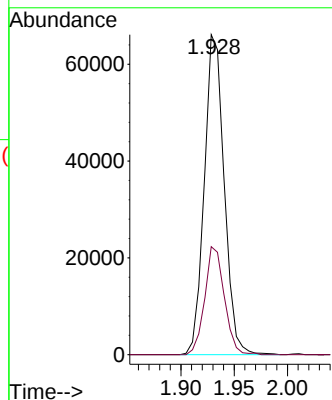
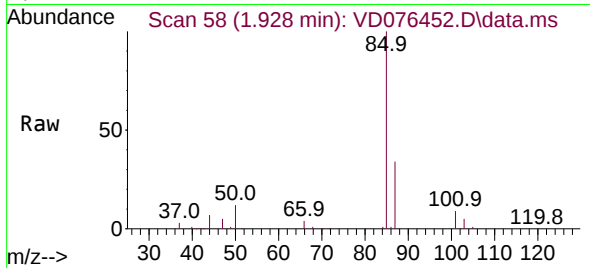




#2
Dichlorodifluoromethane
Concen: 24.549 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

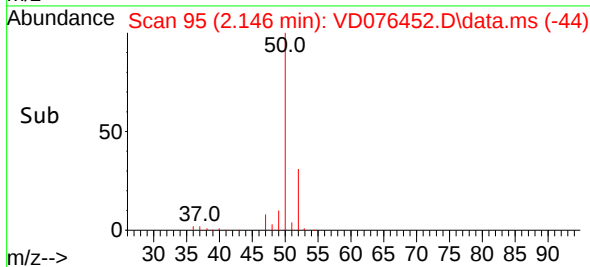
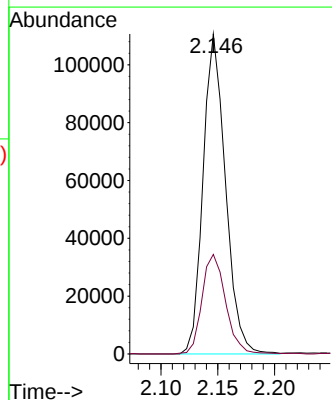
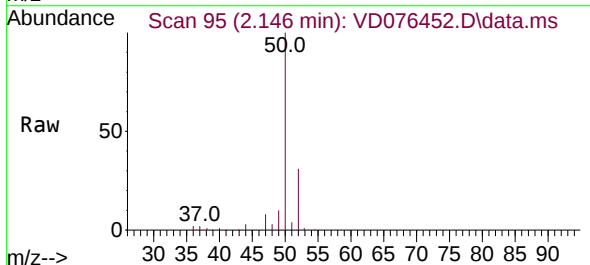
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ClientSampleId :
VSTD025159

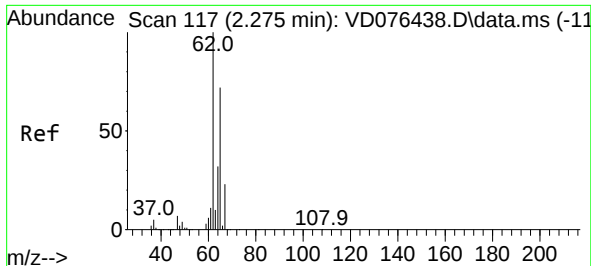
Tgt Ion: 85 Resp: 86000
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 26.107 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 50 Resp: 152039
Ion Ratio Lower Upper
50 100
52 31.1 23.2 43.2

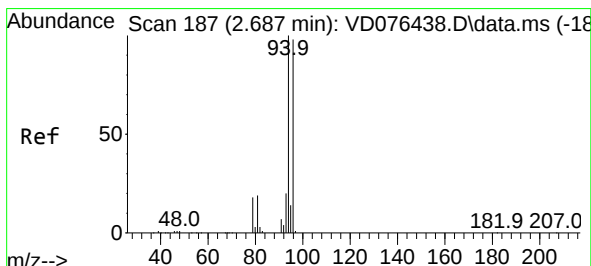
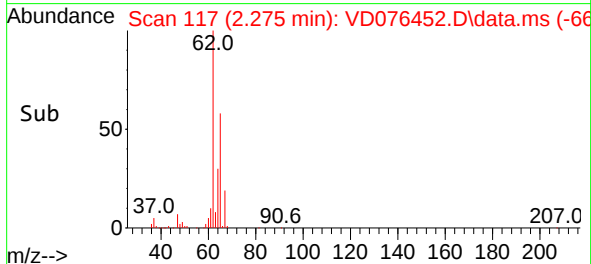
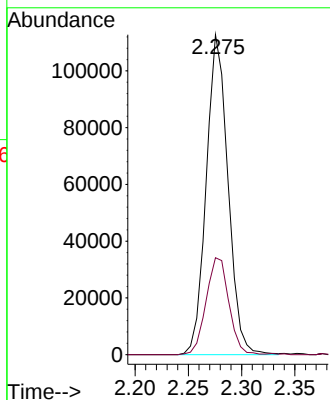
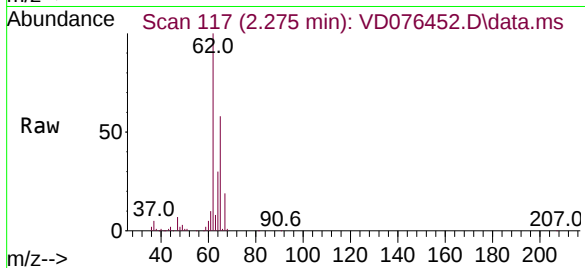




#5
 Vinyl chloride
 Concen: 25.501 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

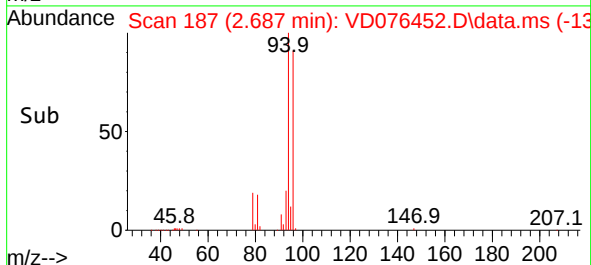
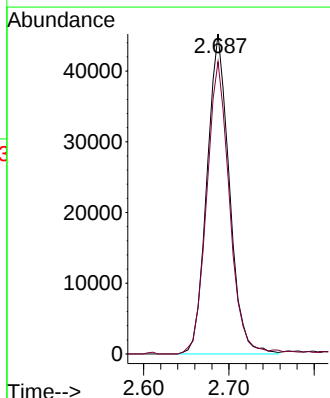
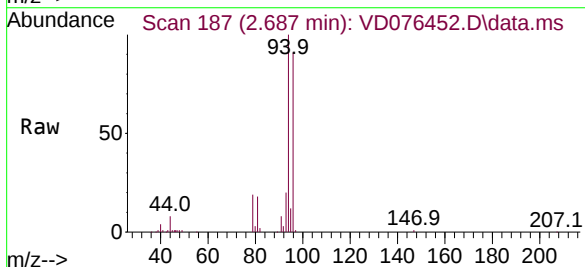
Instrument :
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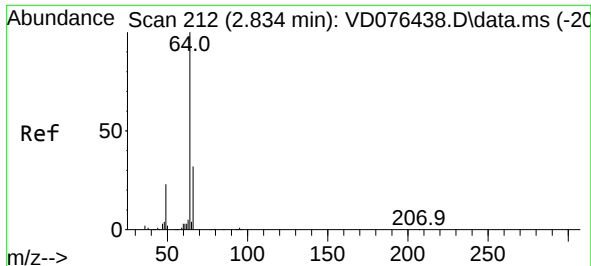
Tgt Ion: 62 Resp: 160205
 Ion Ratio Lower Upper
 62 100
 64 30.3 21.1 39.1



#6
 Bromomethane
 Concen: 23.726 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

Tgt Ion: 94 Resp: 82559
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.7 120.1

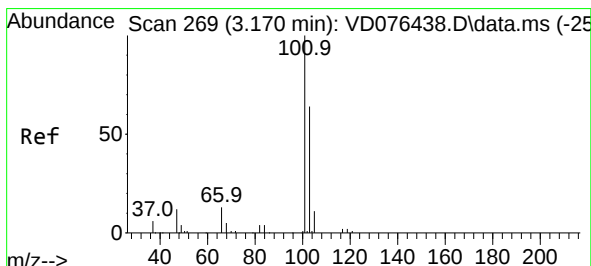
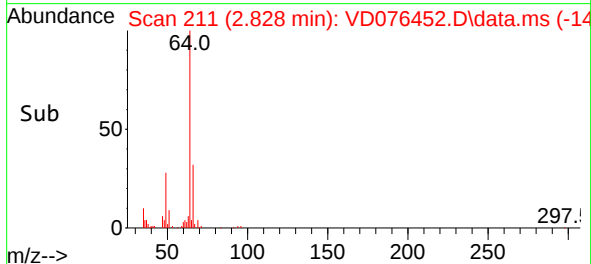
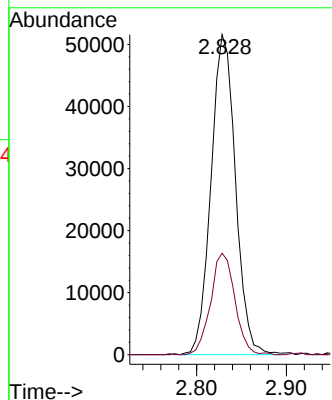
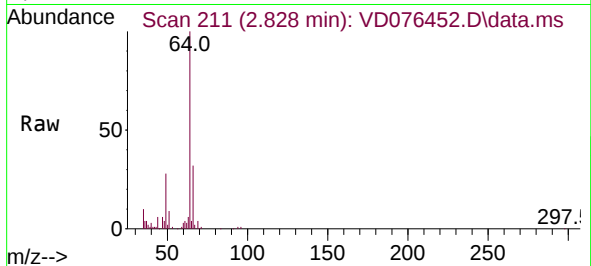




#8
Chloroethane
Concen: 25.421 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

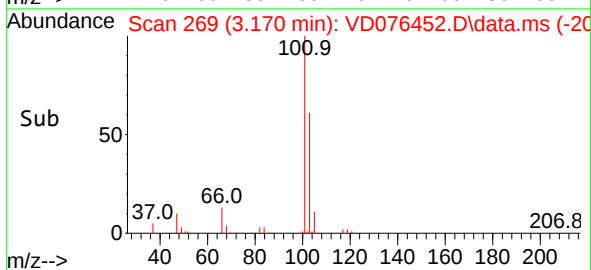
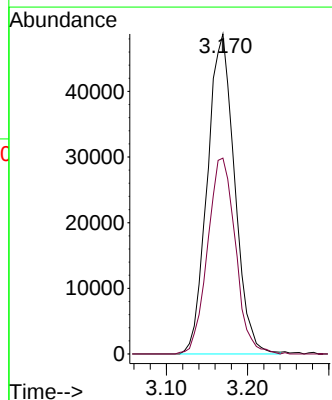
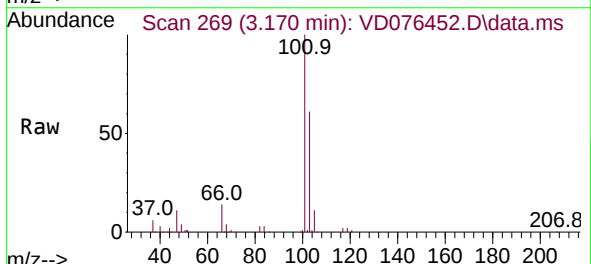
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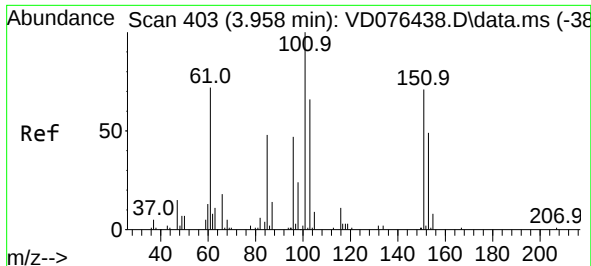
Tgt Ion: 64 Resp: 97826
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 25.034 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:101 Resp: 113715
Ion Ratio Lower Upper
101 100
103 62.5 51.8 77.6

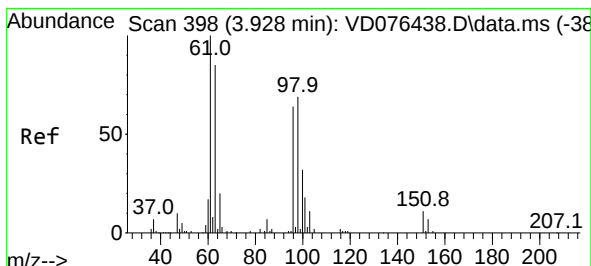
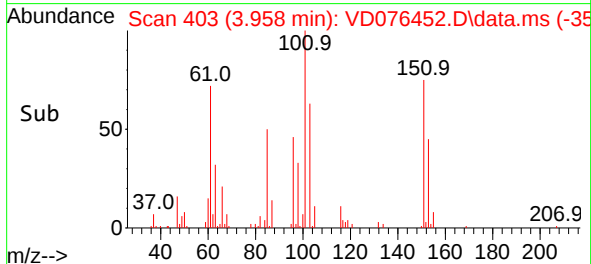
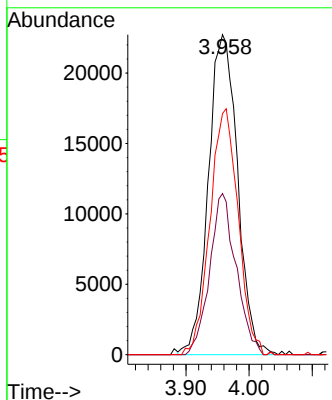
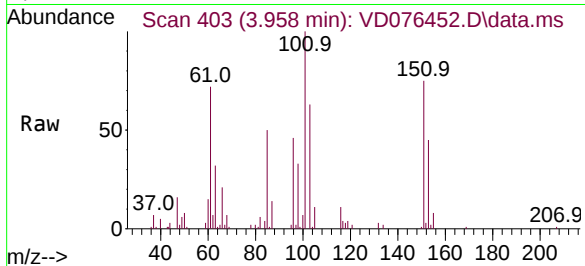




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.733 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

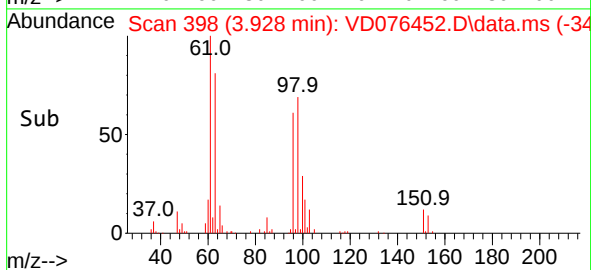
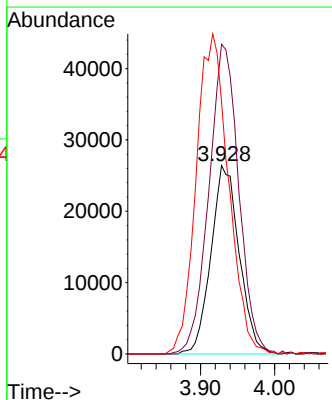
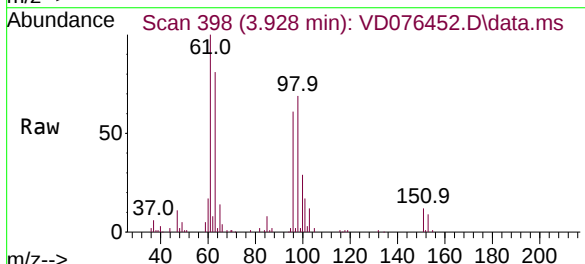
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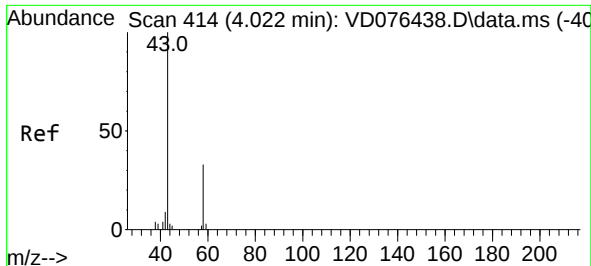
Tgt Ion:101 Resp: 72876
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.5 53.3
 151 74.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 23.942 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

Tgt Ion: 96 Resp: 69857
 Ion Ratio Lower Upper
 96 100
 61 164.4 113.0 209.8
 63 133.8 83.6 155.2





#13

Acetone

Concen: 43.168 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

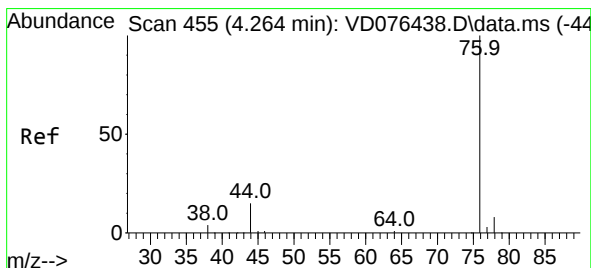
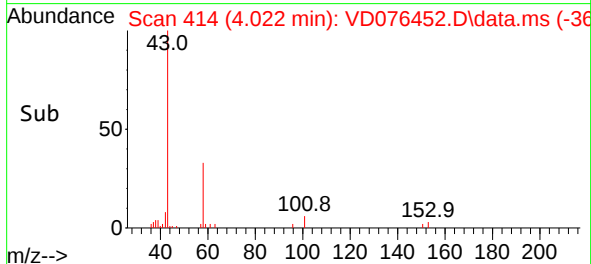
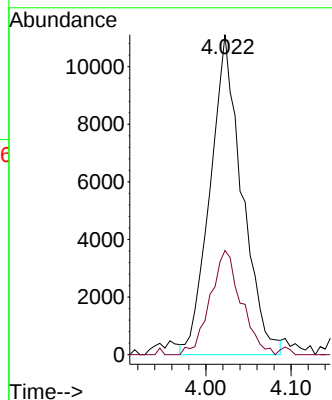
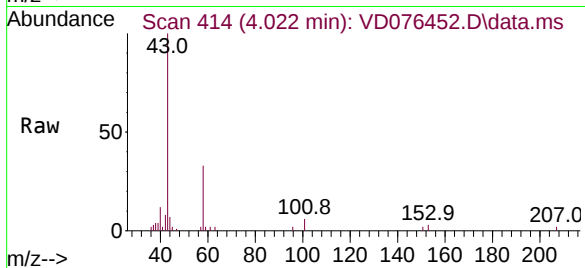
VSTD025159

Tgt Ion: 43 Resp: 28910

Ion Ratio Lower Upper

43 100

58 31.0 0.0 67.4



#14

Carbon disulfide

Concen: 24.244 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

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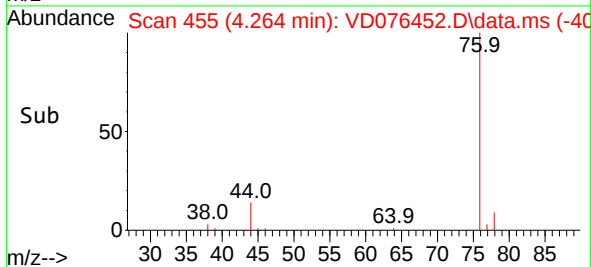
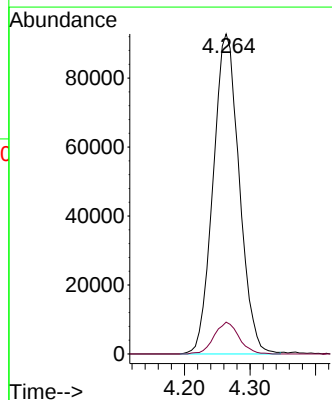
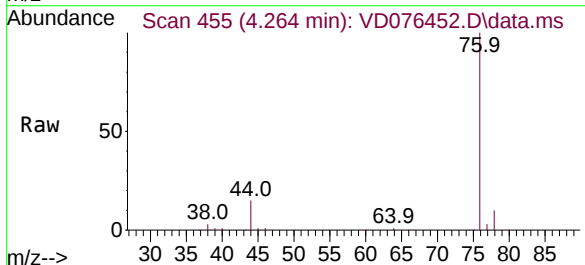
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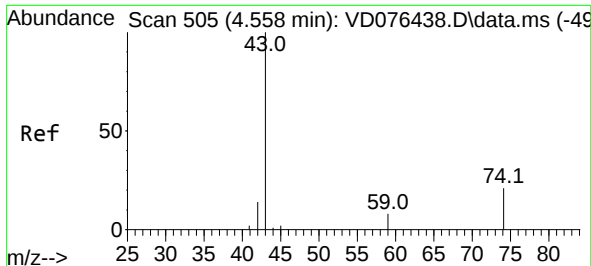
Tgt Ion: 76 Resp: 256411

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

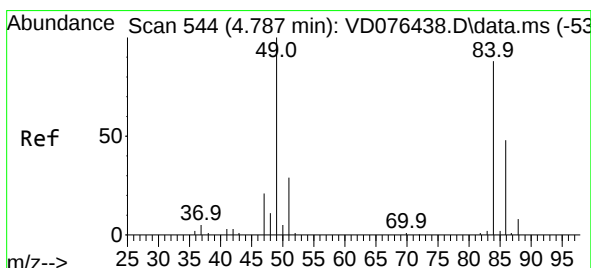
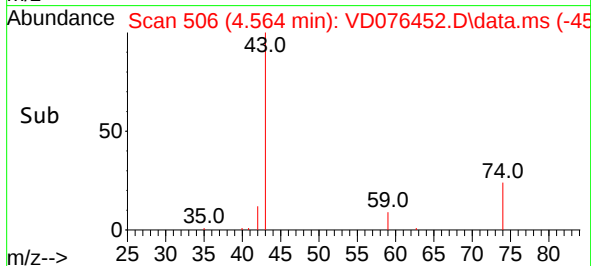
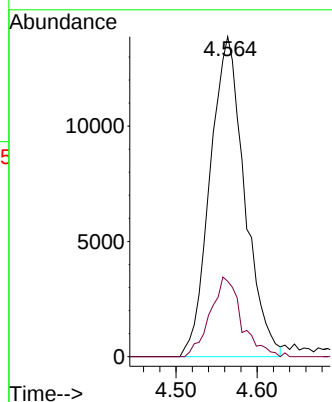
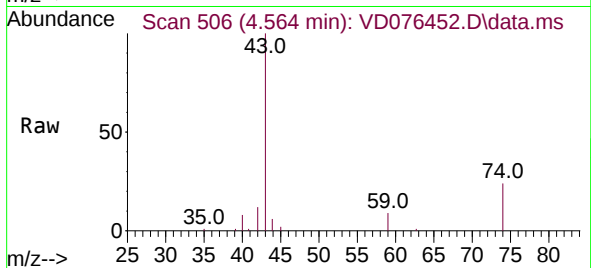




#15
Methyl Acetate
Concen: 26.858 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

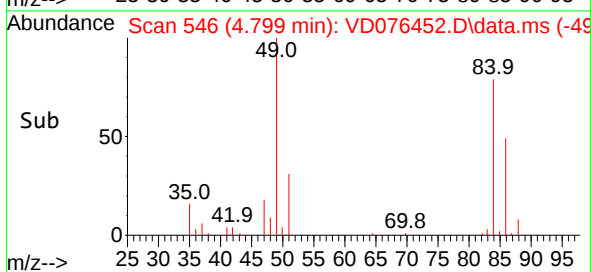
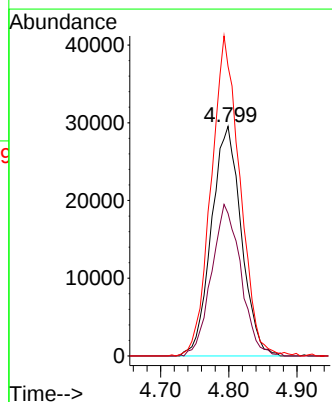
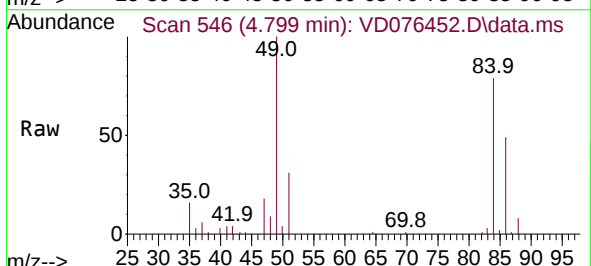
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

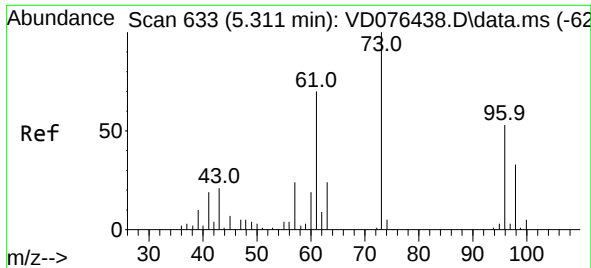
Tgt Ion: 43 Resp: 41060
Ion Ratio Lower Upper
43 100
74 19.2 18.2 27.2



#16
Methylene chloride
Concen: 23.046 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 84 Resp: 90054
Ion Ratio Lower Upper
84 100
86 62.1 45.1 83.9
49 126.1 97.2 180.6

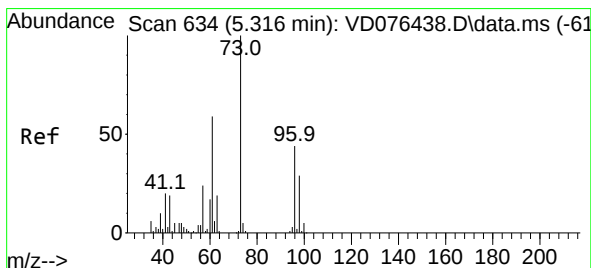
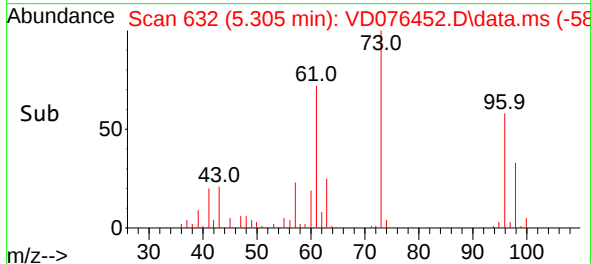
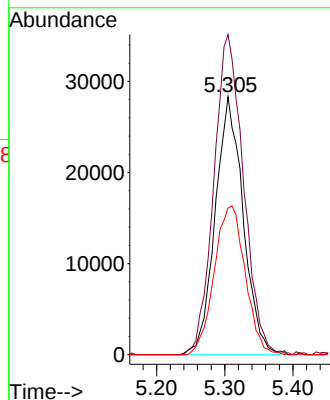
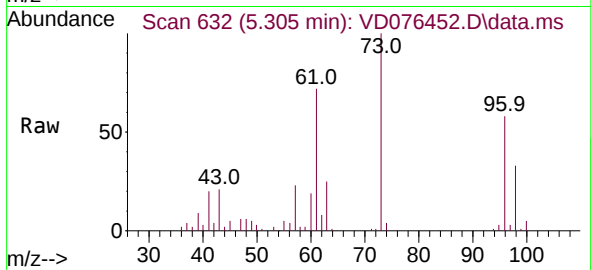




#17
trans-1,2-Dichloroethene
Concen: 24.845 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

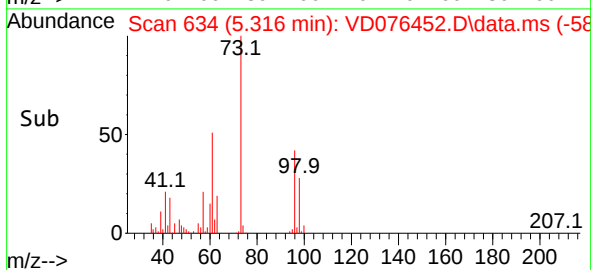
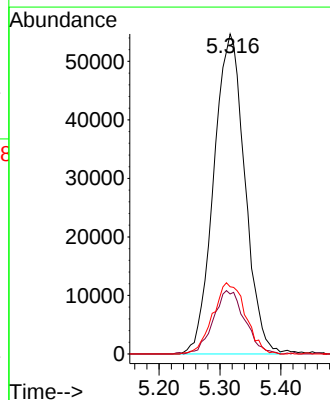
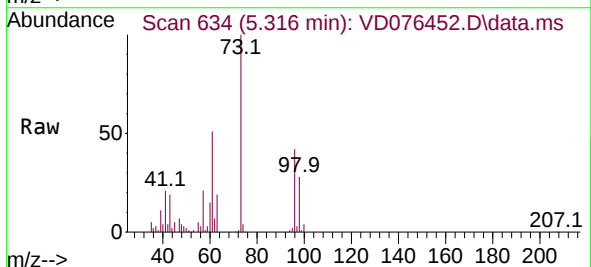
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

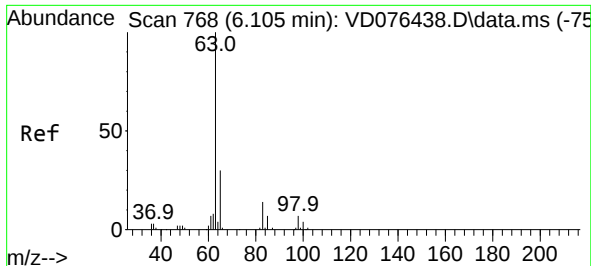
Tgt Ion: 96 Resp: 80819
Ion Ratio Lower Upper
96 100
61 124.1 94.5 175.5
98 56.9 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 26.160 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 73 Resp: 193733
Ion Ratio Lower Upper
73 100
43 19.8 7.2 10.8#
57 23.2 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.938 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD025159

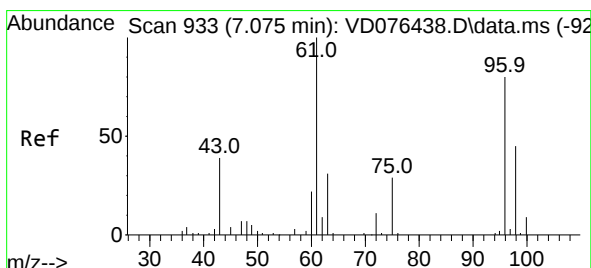
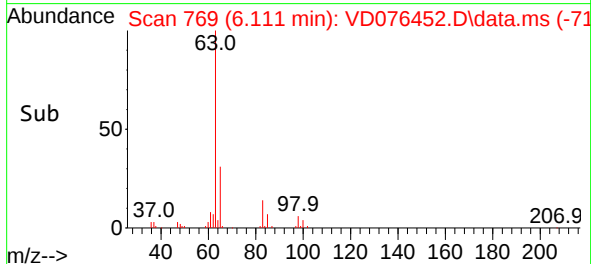
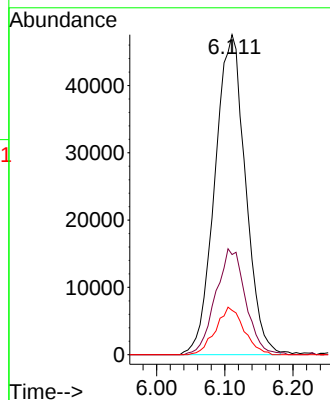
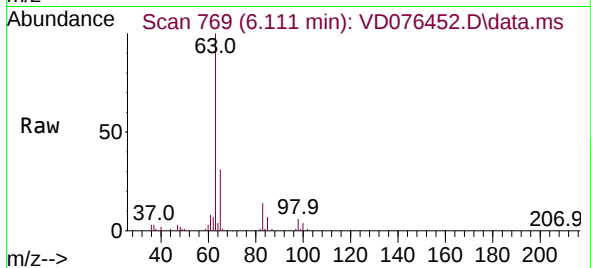
Tgt Ion: 63 Resp: 148311

Ion Ratio Lower Upper

63 100

65 31.3 20.8 38.6

83 13.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.722 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

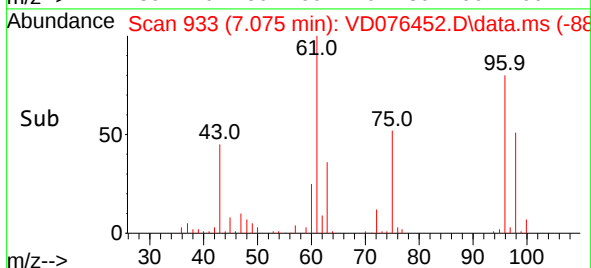
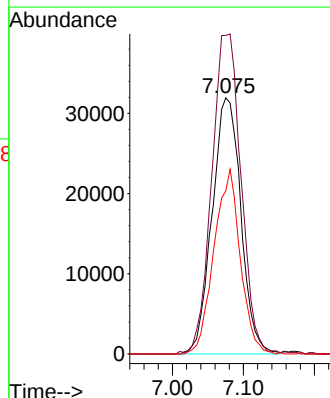
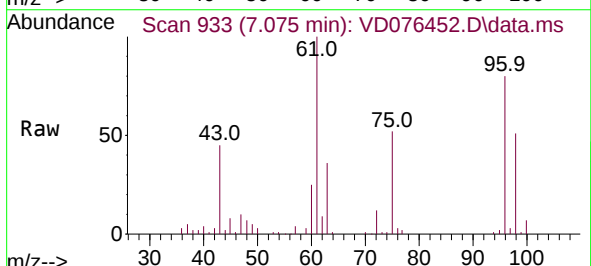
Tgt Ion: 96 Resp: 89813

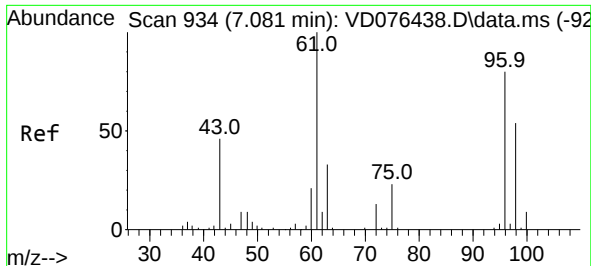
Ion Ratio Lower Upper

96 100

61 124.3 86.0 159.6

98 63.8 42.2 78.4

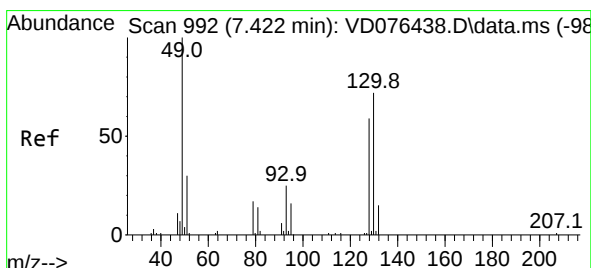
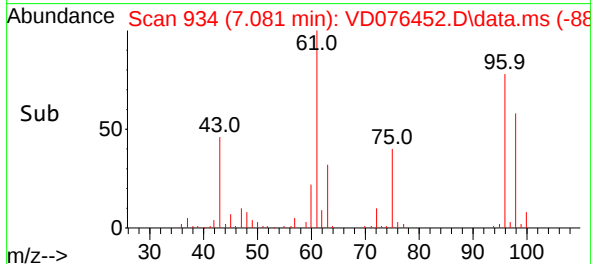
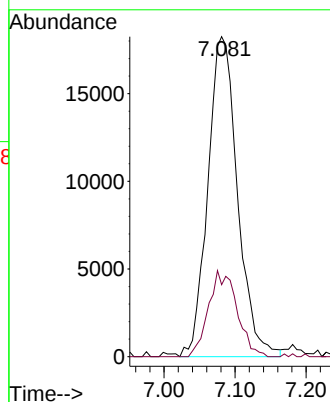
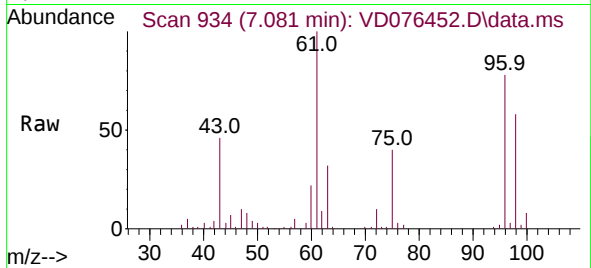




#22
2-Butanone
Concen: 49.072 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

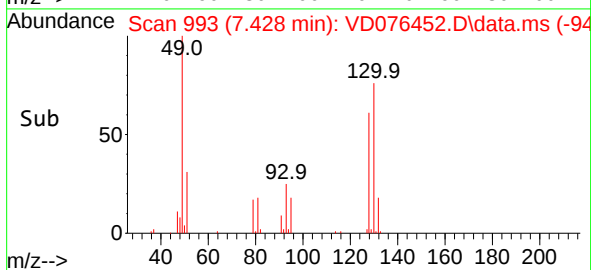
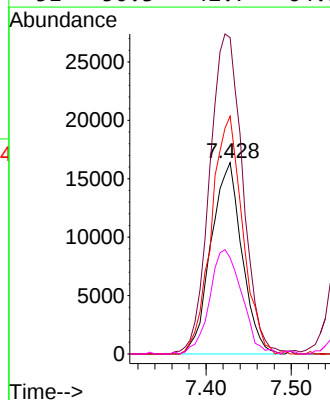
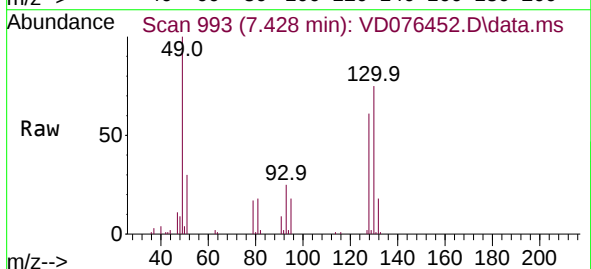
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

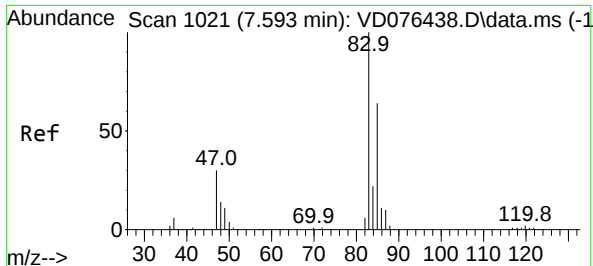
Tgt Ion: 43 Resp: 53035
Ion Ratio Lower Upper
43 100
72 13.1 12.9 38.7



#23
Bromochloromethane
Concen: 26.761 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:128 Resp: 41261
Ion Ratio Lower Upper
128 100
49 165.2 124.7 231.7
130 124.2 80.0 148.6
51 50.3 42.7 64.1





#25

Chloroform

Concen: 24.923 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

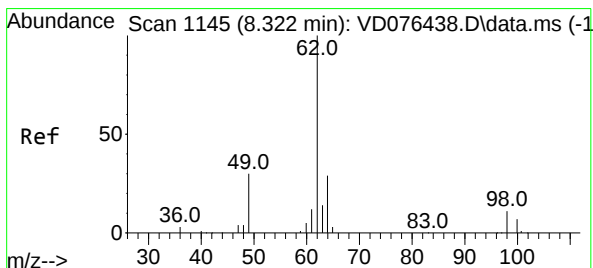
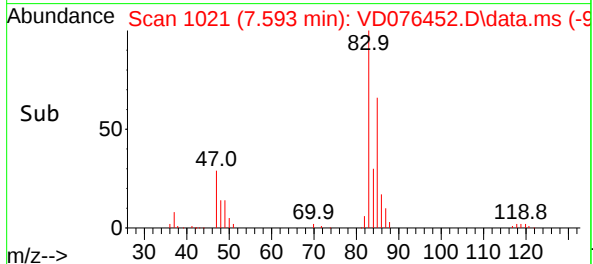
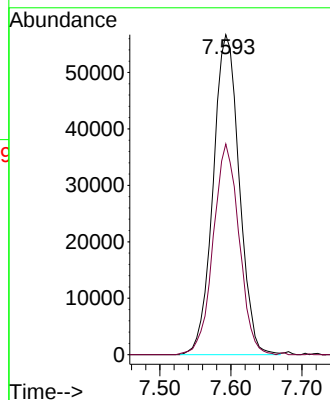
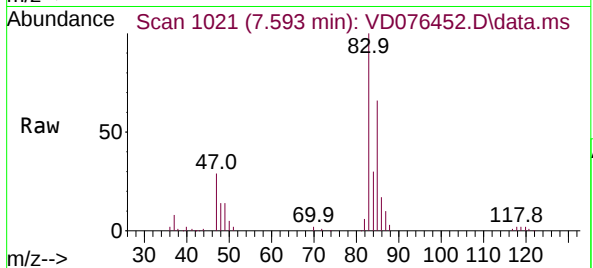
VSTD025159

Tgt Ion: 83 Resp: 144654

Ion Ratio Lower Upper

83 100

85 65.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 25.832 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076452.D

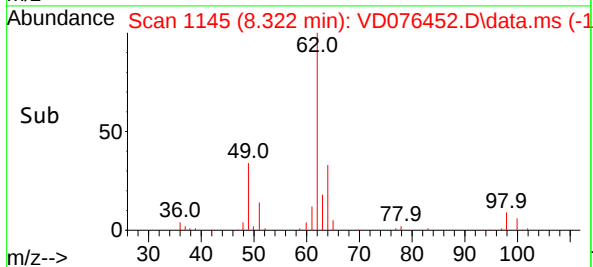
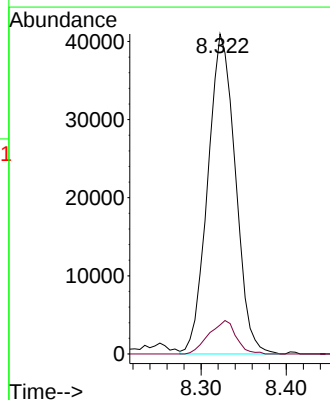
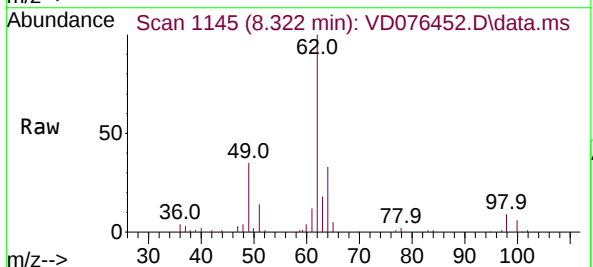
Acq: 15 Jun 2023 22:07

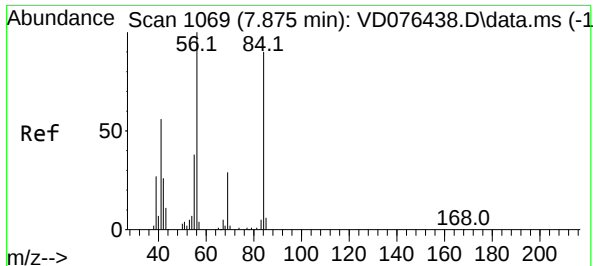
Tgt Ion: 62 Resp: 92201

Ion Ratio Lower Upper

62 100

98 9.0 8.7 13.1





#29

Cyclohexane

Concen: 23.532 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD025159

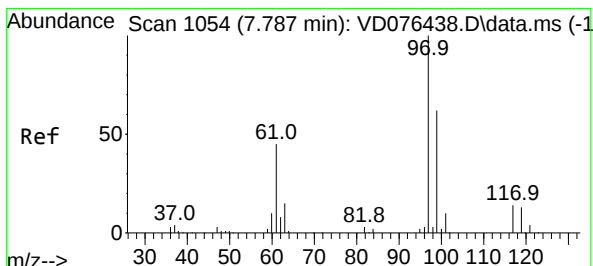
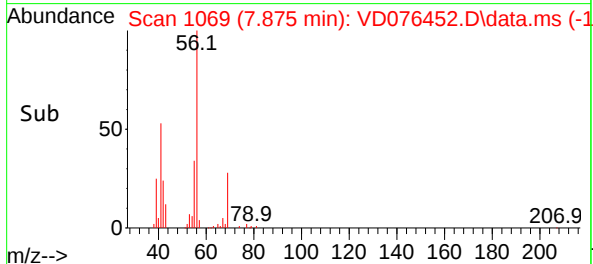
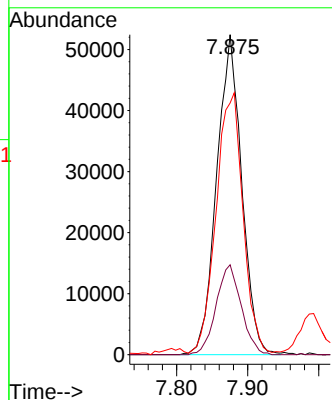
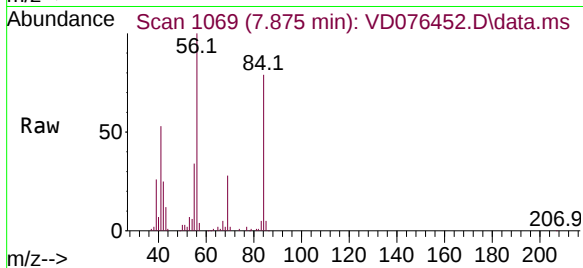
Tgt Ion: 56 Resp: 128304

Ion Ratio Lower Upper

56 100

69 28.1 23.4 35.0

84 88.3 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 23.757 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

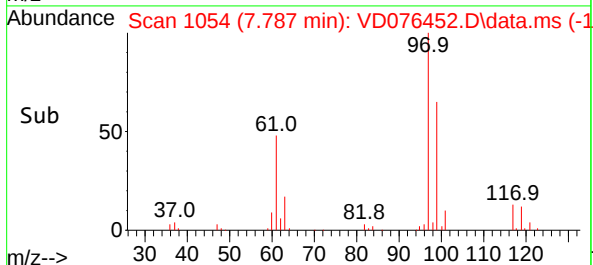
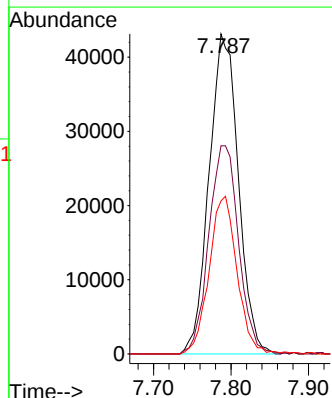
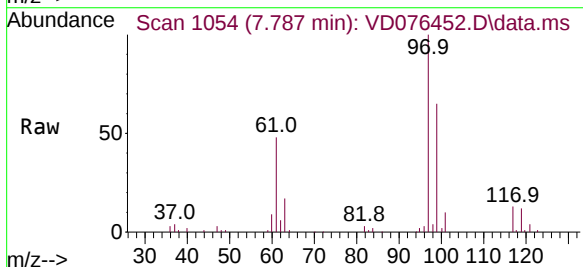
Tgt Ion: 97 Resp: 113156

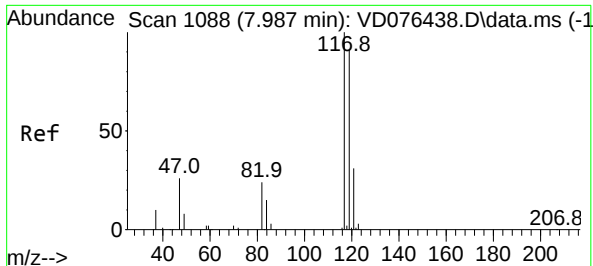
Ion Ratio Lower Upper

97 100

99 66.2 51.0 76.6

61 46.7 36.4 54.6

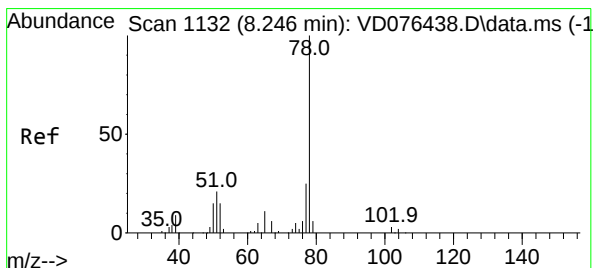
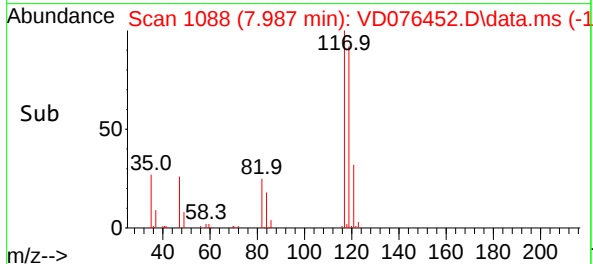
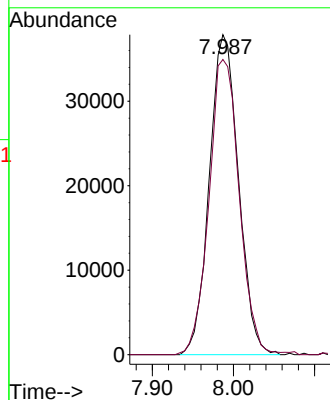
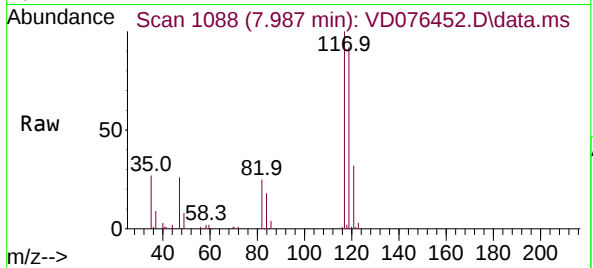




#31
Carbon tetrachloride
Concen: 24.826 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

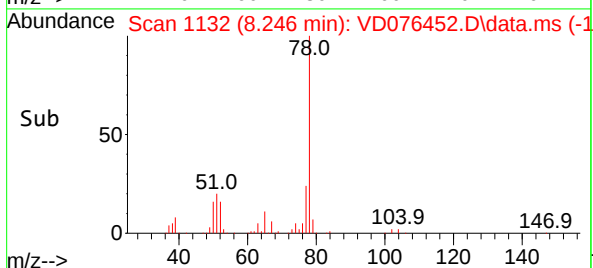
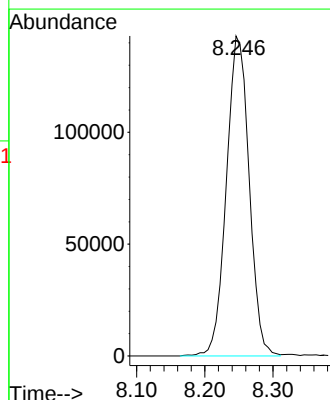
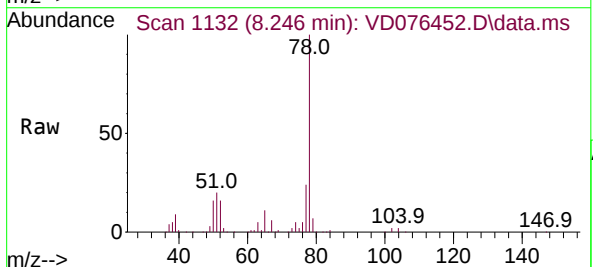
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

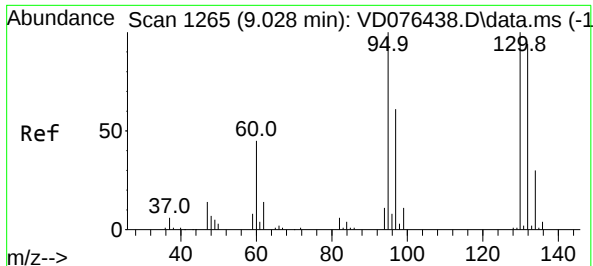
Tgt Ion:117 Resp: 94568
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6



#33
Benzene
Concen: 24.502 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 78 Resp: 332487



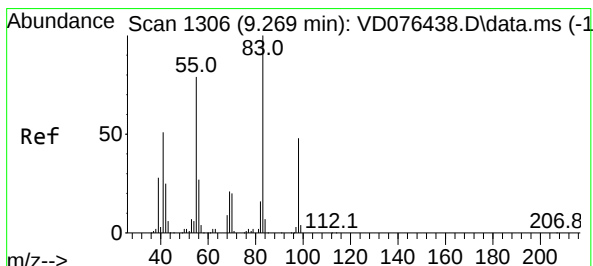
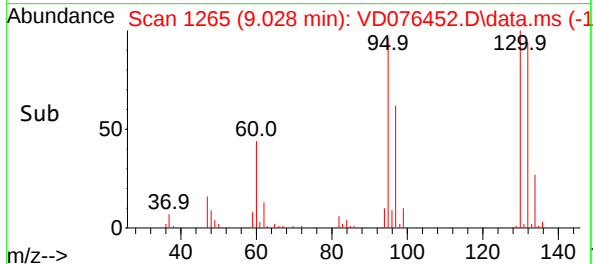
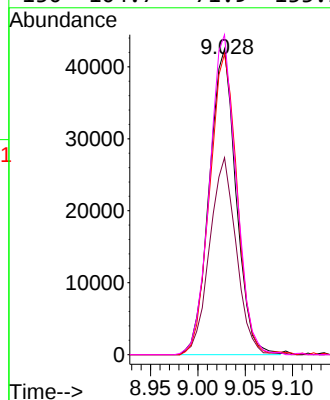
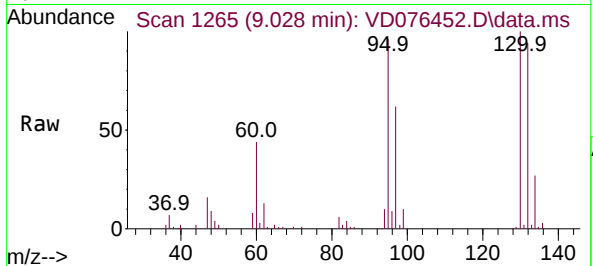


#34
Trichloroethene
Concen: 23.969 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

Tgt Ion: 95 Resp: 83552

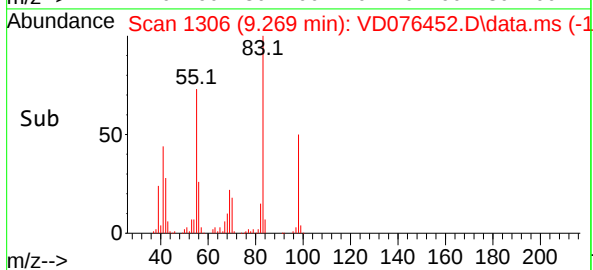
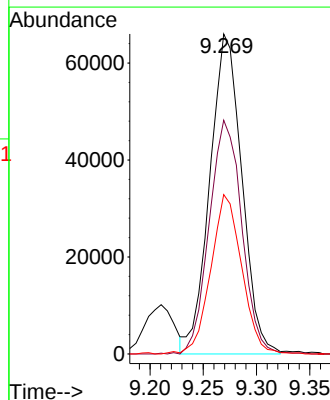
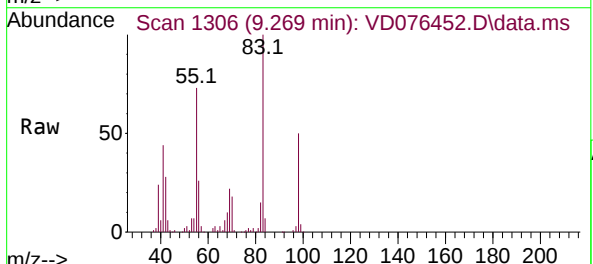
Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.1	80.1
132	98.4	71.8	133.4
130	104.7	71.9	133.5

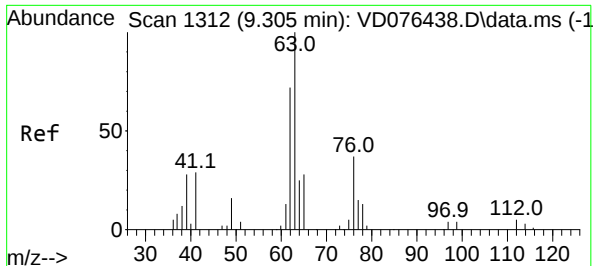


#35
Methylcyclohexane
Concen: 24.588 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 83 Resp: 138216

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.8	89.6
98	47.8	37.8	56.6





#37

1,2-Dichloropropane

Concen: 24.456 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

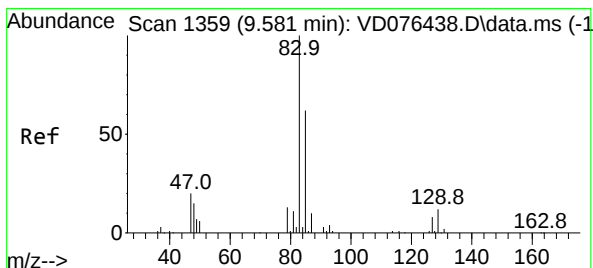
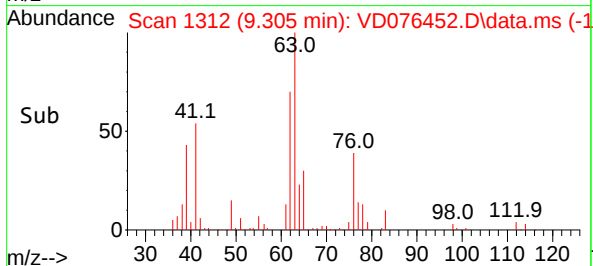
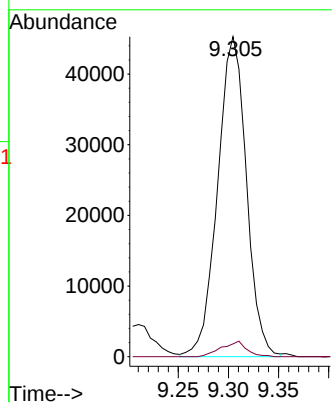
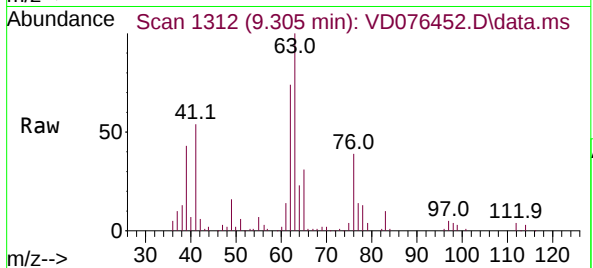
VSTD025159

Tgt Ion: 63 Resp: 90477

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 25.654 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

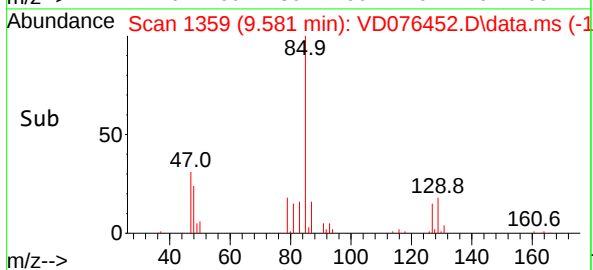
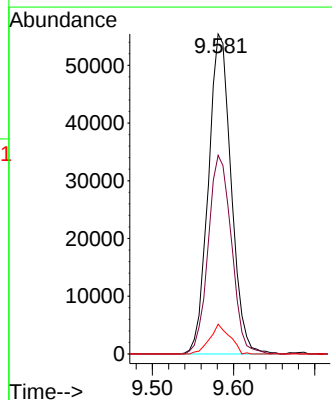
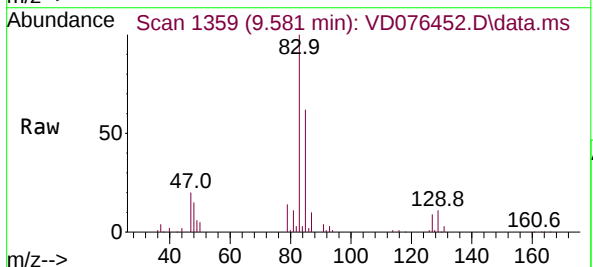
Tgt Ion: 83 Resp: 108249

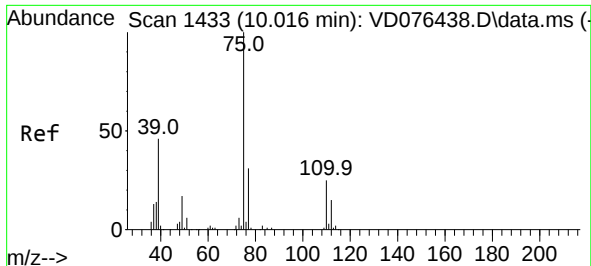
Ion Ratio Lower Upper

83 100

85 62.1 43.9 81.5

127 10.3 6.6 9.8#

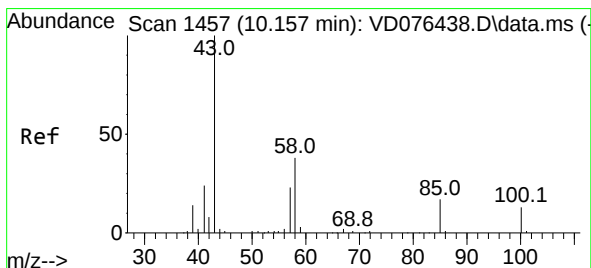
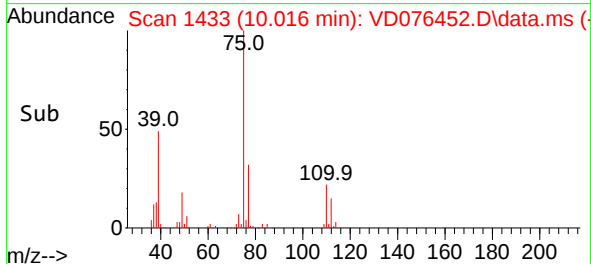
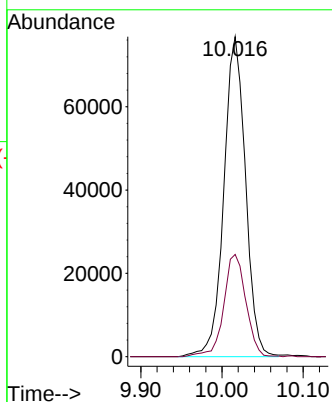
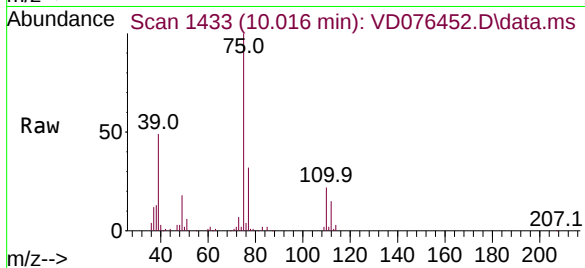




#39
 cis-1,3-Dichloropropene
 Concen: 25.222 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

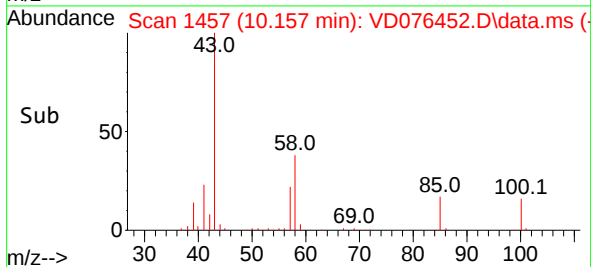
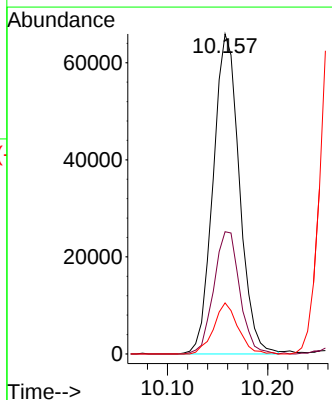
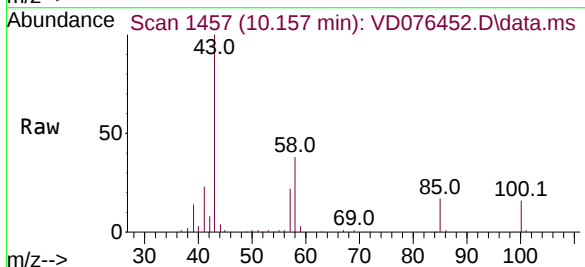
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025159

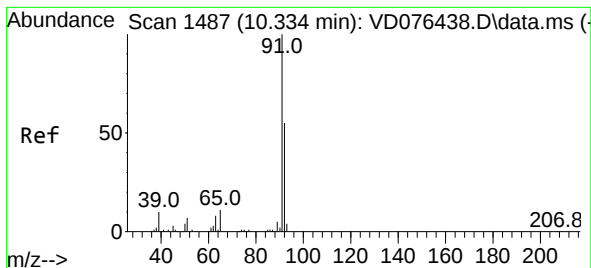
Tgt Ion: 75 Resp: 142486
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 51.970 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076452.D
 Acq: 15 Jun 2023 22:07

Tgt Ion: 43 Resp: 119607
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.7 46.1
 100 14.9 11.0 16.4





#42

Toluene

Concen: 24.816 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

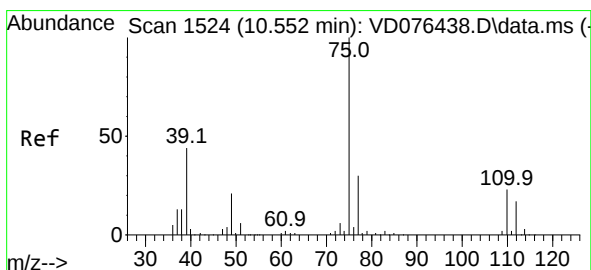
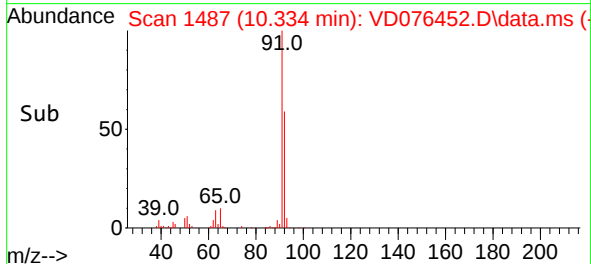
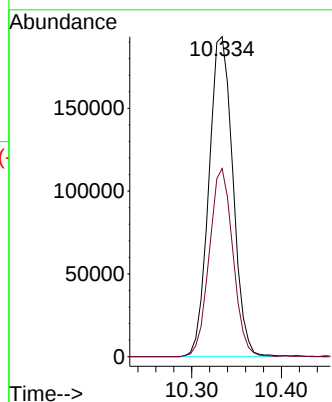
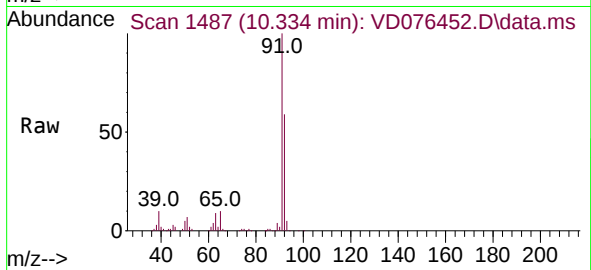
VSTD025159

Tgt Ion: 91 Resp: 359858

Ion Ratio Lower Upper

91 100

92 58.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.104 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD076452.D

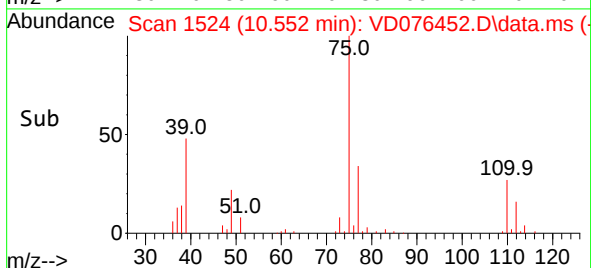
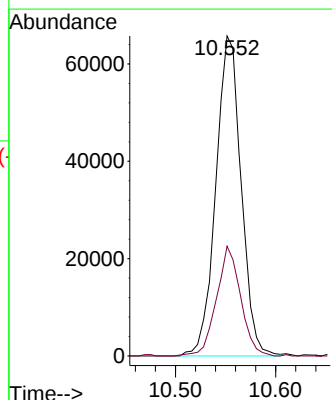
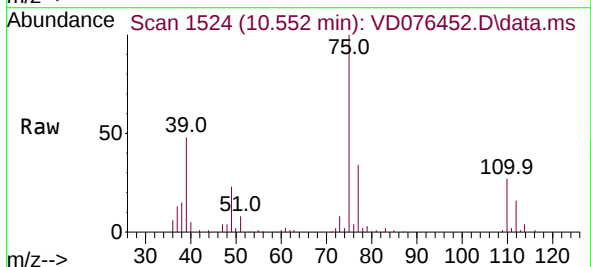
Acq: 15 Jun 2023 22:07

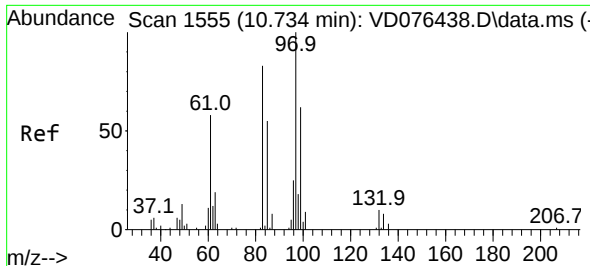
Tgt Ion: 75 Resp: 115272

Ion Ratio Lower Upper

75 100

77 34.3 22.5 41.7

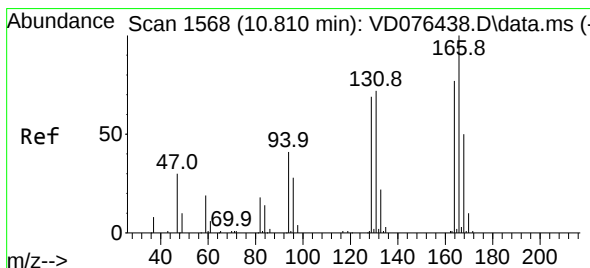
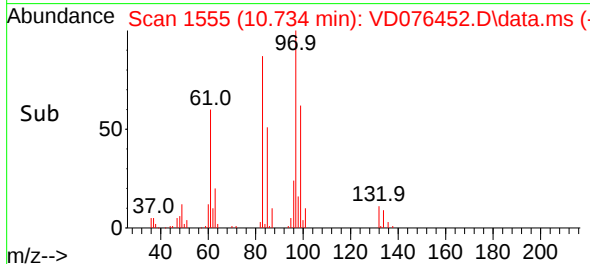
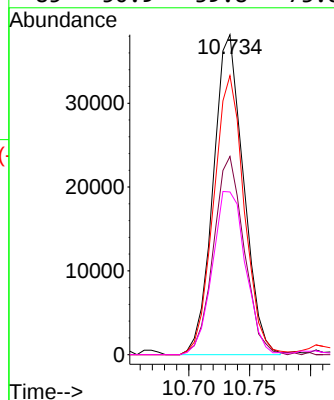
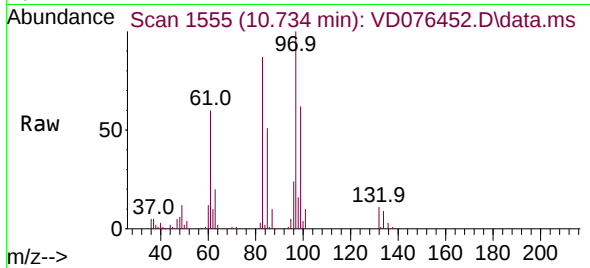




#45
1,1,2-Trichloroethane
Concen: 26.096 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

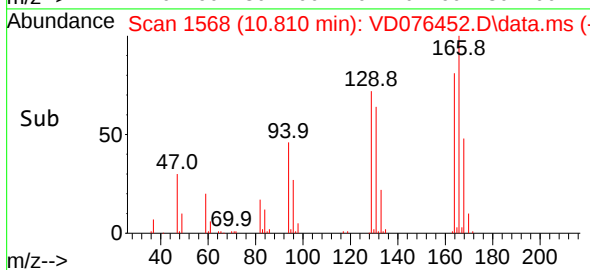
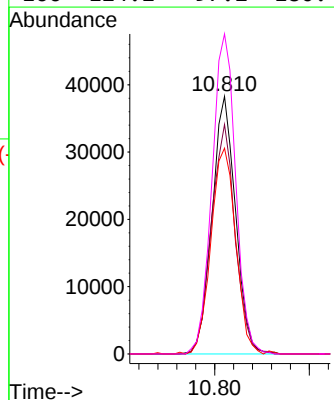
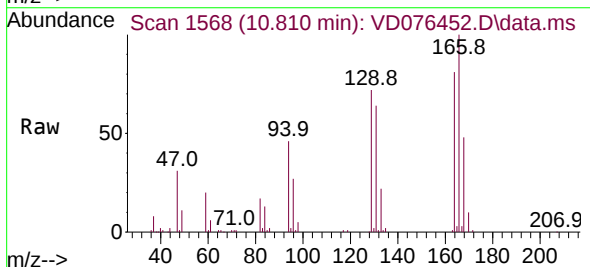
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

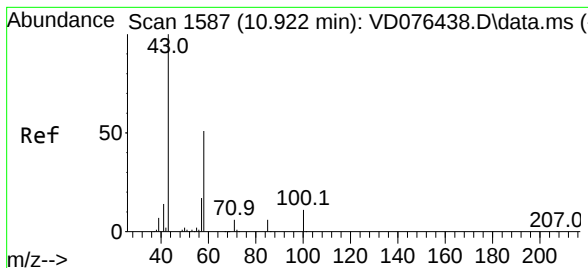
Tgt Ion:	97	Resp:	66220
Ion	Ratio	Lower	Upper
97	100		
99	62.0	41.9	77.9
83	87.2	59.2	110.0
85	50.9	39.8	73.8



#46
Tetrachloroethene
Concen: 24.152 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:	164	Resp:	66187
Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.5	121.6
131	79.9	64.8	120.3
166	124.2	97.2	180.4

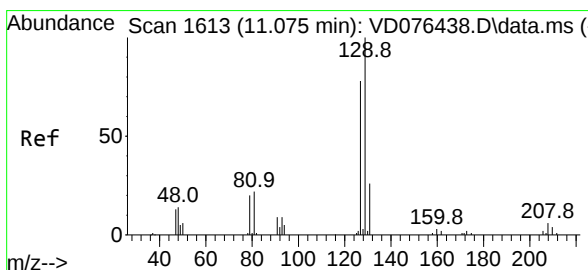
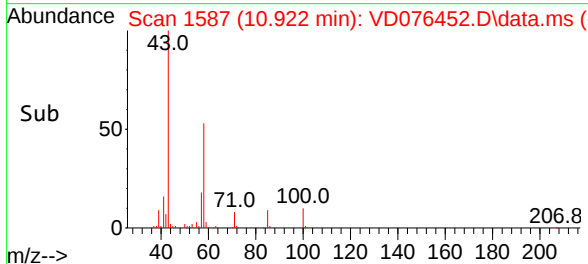
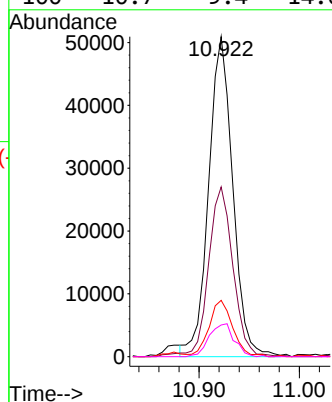
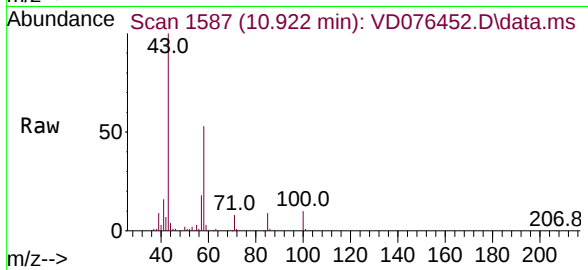




#48
2-Hexanone
Concen: 54.142 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

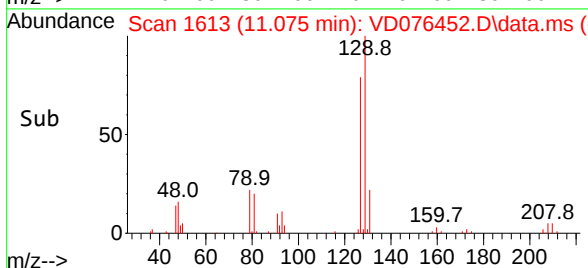
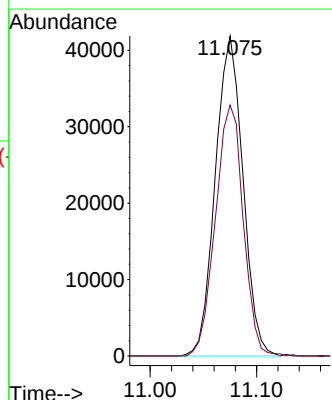
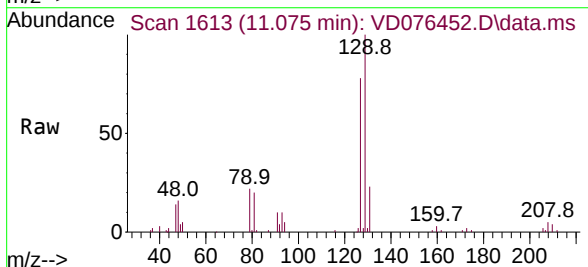
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

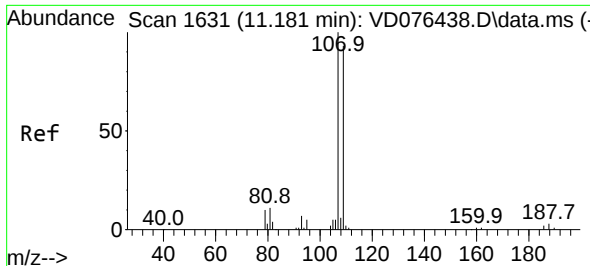
Tgt Ion: 43	Resp: 85341
Ion Ratio	Lower Upper
43 100	
58 53.6	42.9 64.3
57 17.2	13.7 20.5
100 10.7	9.4 14.0



#49
Dibromochloromethane
Concen: 26.119 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:129	Resp: 75324		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	55.2	102.6	

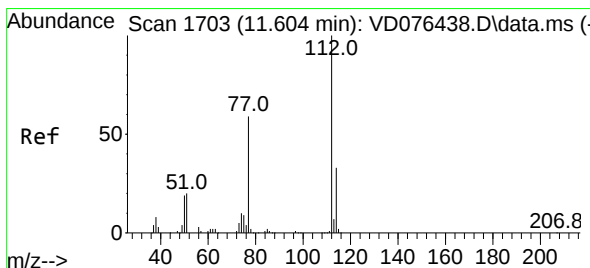
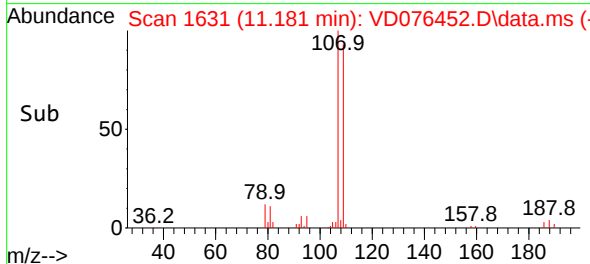
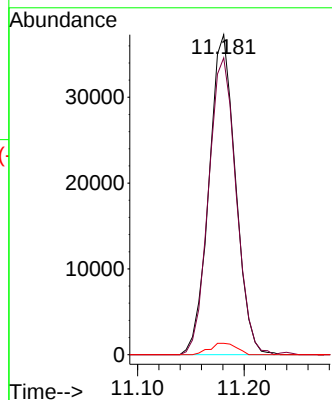
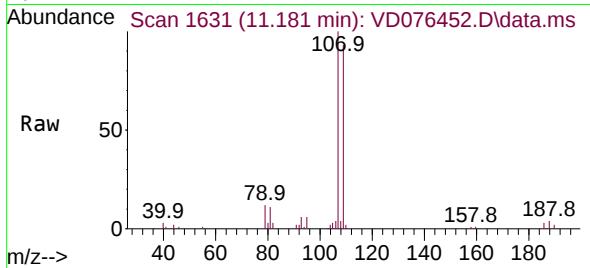




#50
1,2-Dibromoethane
Concen: 26.240 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

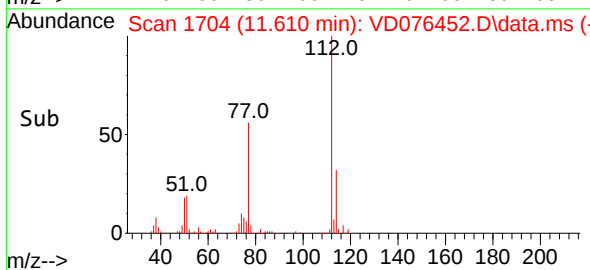
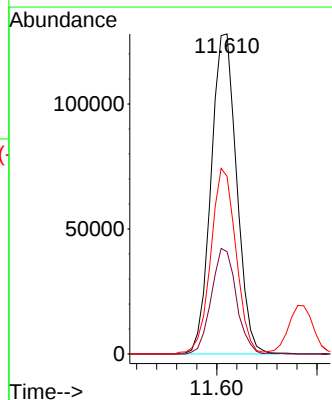
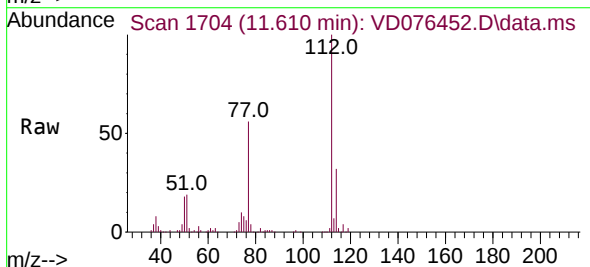
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

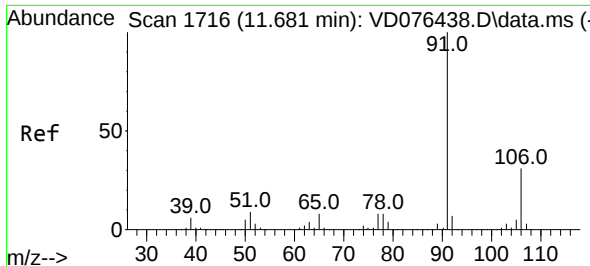
Tgt Ion:107 Resp: 64629
Ion Ratio Lower Upper
107 100
109 92.8 58.8 109.2
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 25.065 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:112 Resp: 226922
Ion Ratio Lower Upper
112 100
114 32.0 21.5 39.9
77 55.5 43.4 65.2

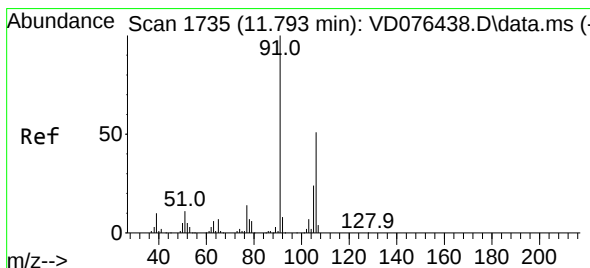
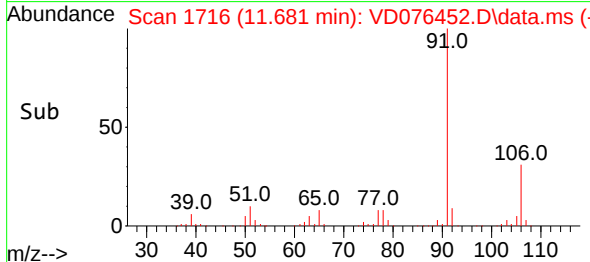
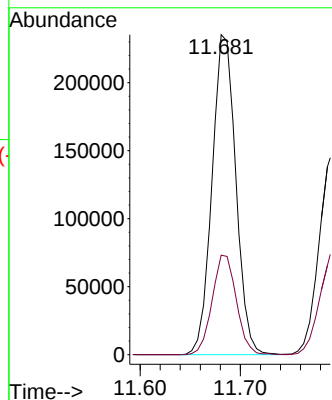
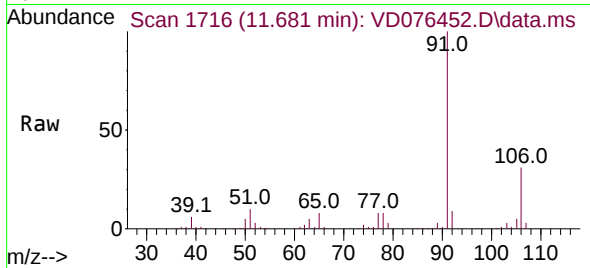




#52
Ethylbenzene
Concen: 24.864 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

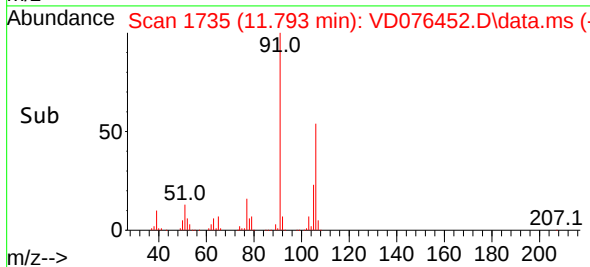
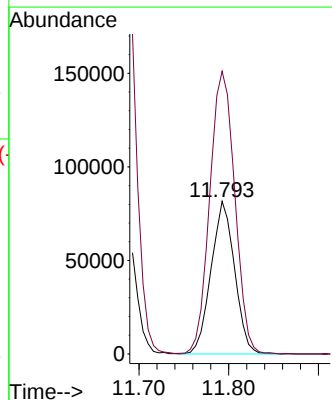
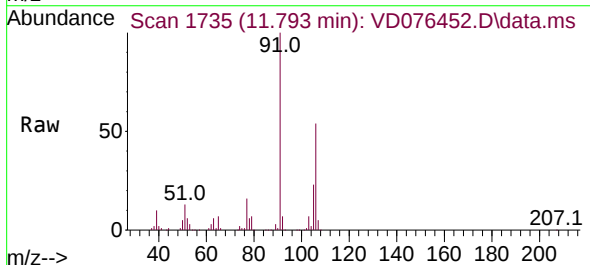
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

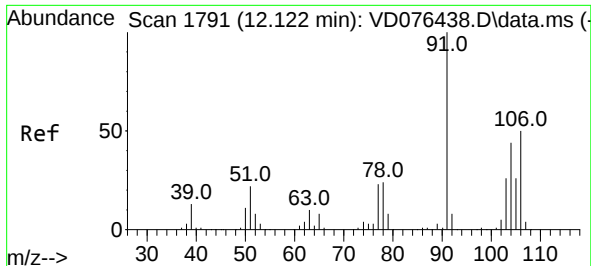
Tgt Ion: 91 Resp: 388632
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 24.199 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 106 Resp: 148644
Ion Ratio Lower Upper
106 100
91 185.3 141.5 262.9

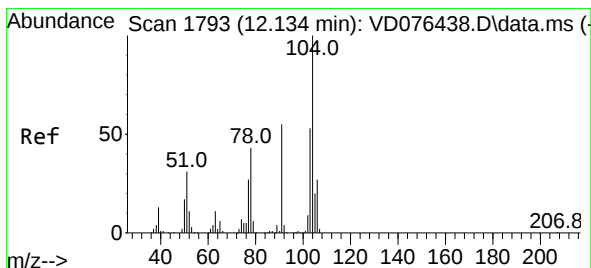
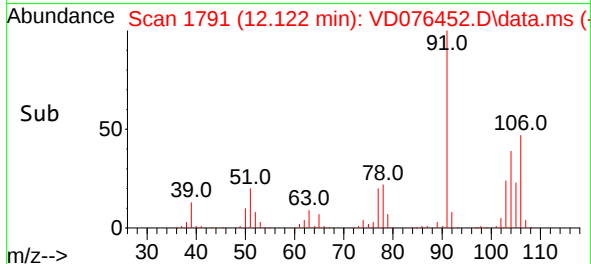
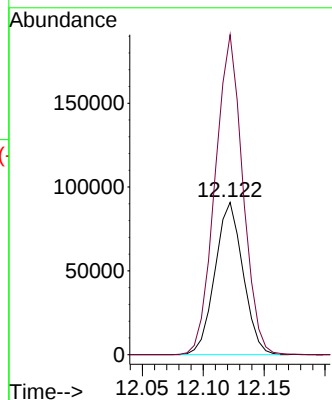
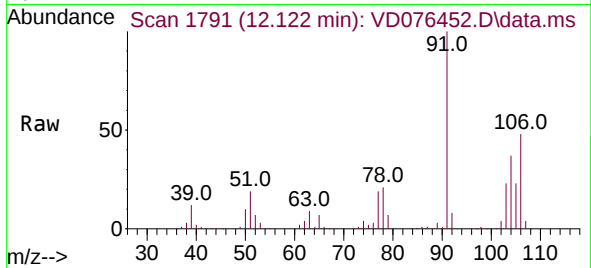




#54
o-Xylene
Concen: 24.875 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

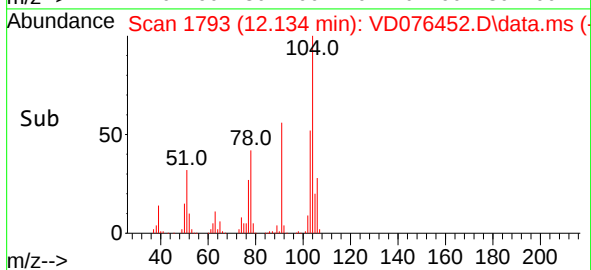
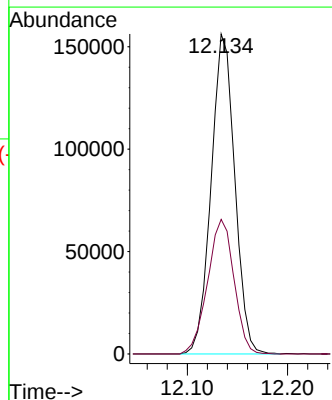
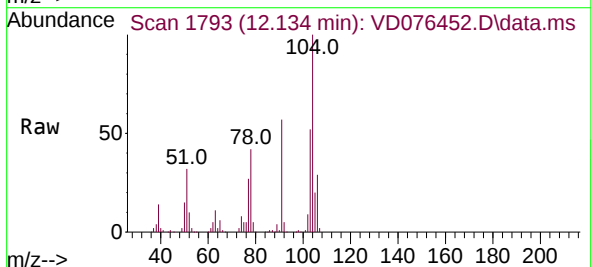
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

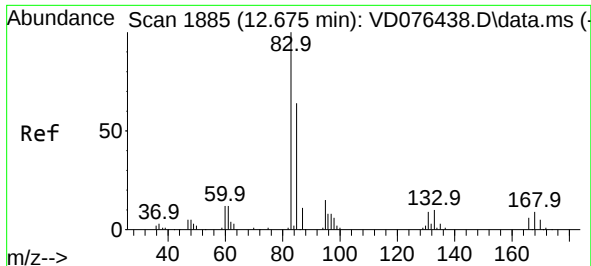
Tgt Ion:106 Resp: 145481
Ion Ratio Lower Upper
106 100
91 210.1 142.2 264.2



#55
Styrene
Concen: 25.351 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:104 Resp: 256156
Ion Ratio Lower Upper
104 100
78 42.0 31.3 58.1

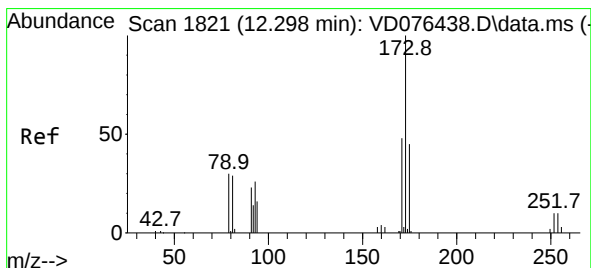
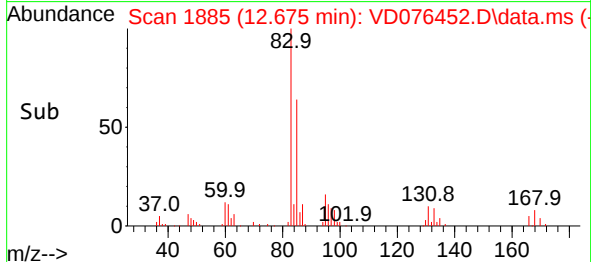
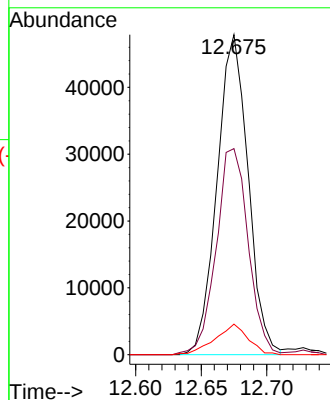
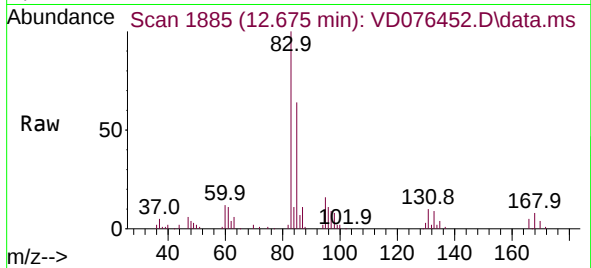




#57
1,1,2,2-Tetrachloroethane
Concen: 27.174 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

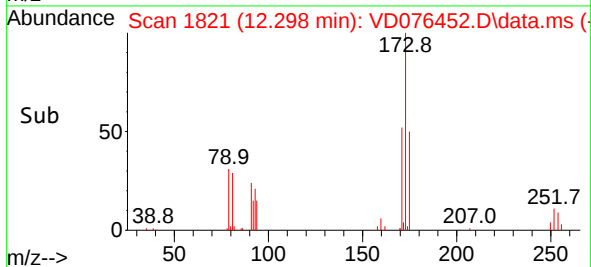
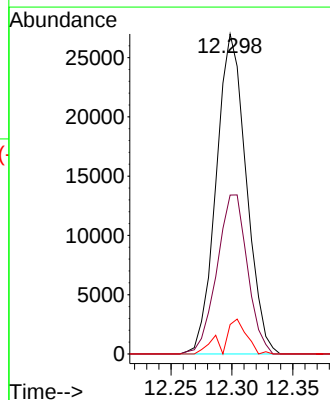
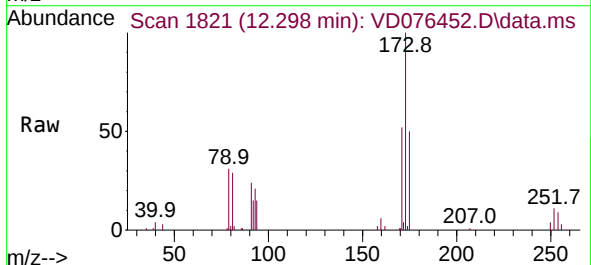
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

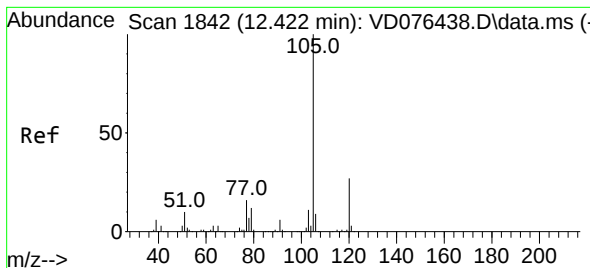
Tgt Ion: 83 Resp: 78806
Ion Ratio Lower Upper
83 100
85 64.4 46.3 86.1
131 9.5 7.0 10.4



#59
Bromoform
Concen: 25.884 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 173 Resp: 46372
Ion Ratio Lower Upper
173 100
175 50.4 39.0 58.4
254 6.3 5.3 7.9





#60

Isopropylbenzene

Concen: 24.111 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD025159

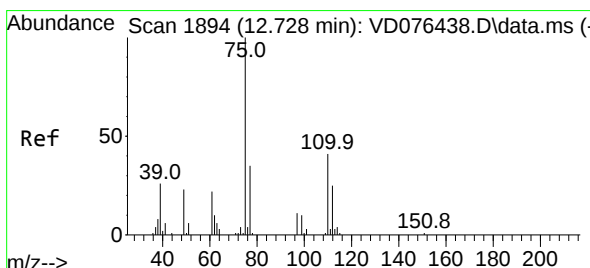
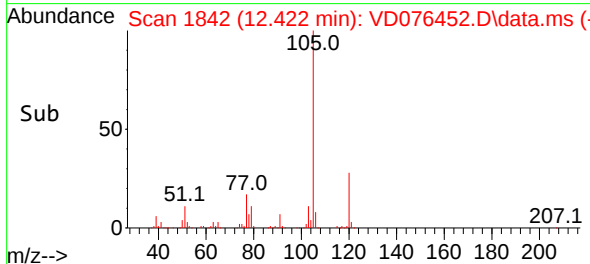
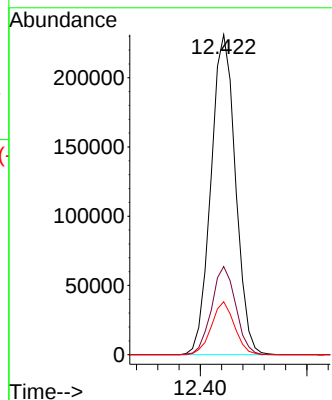
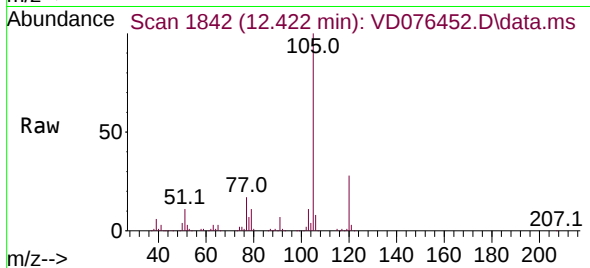
Tgt Ion:105 Resp: 369059

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.5 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 26.333 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

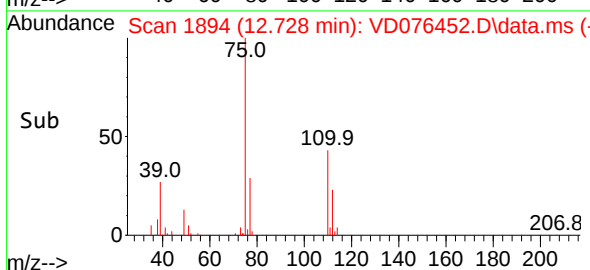
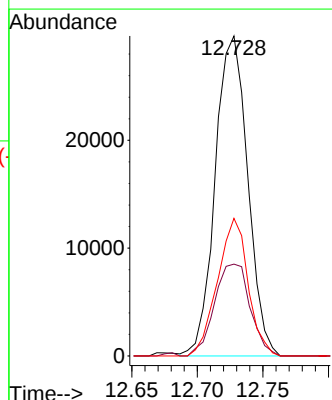
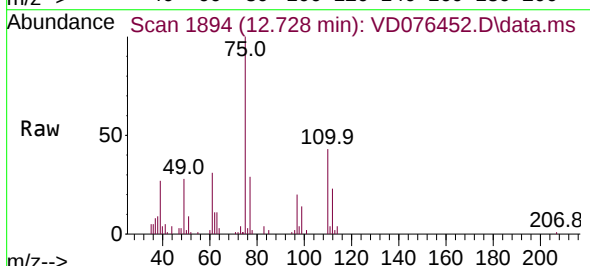
Tgt Ion: 75 Resp: 51143

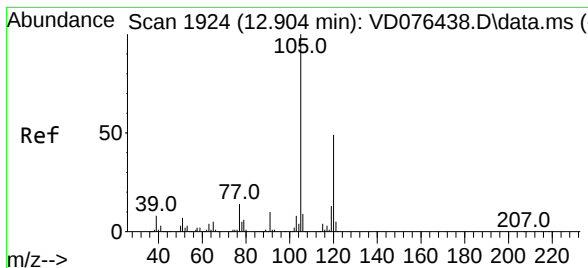
Ion Ratio Lower Upper

75 100

77 31.5 27.2 40.8

110 40.4 31.8 47.6

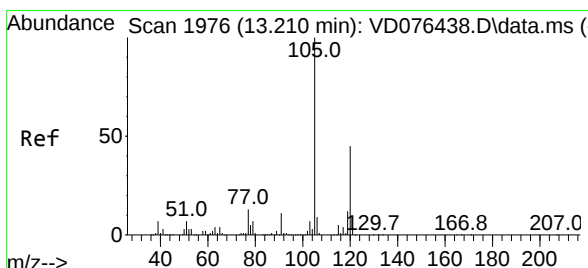
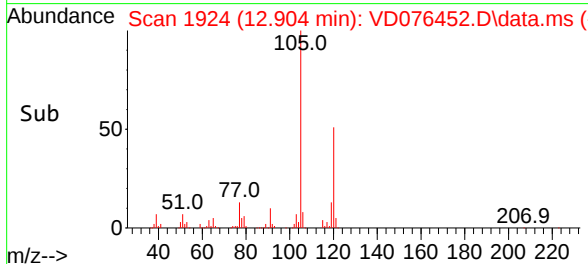
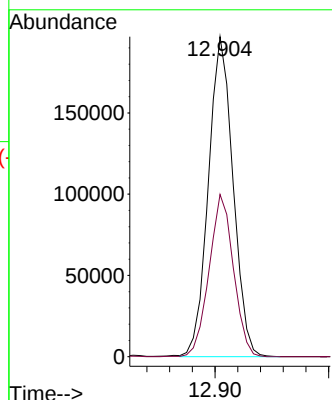
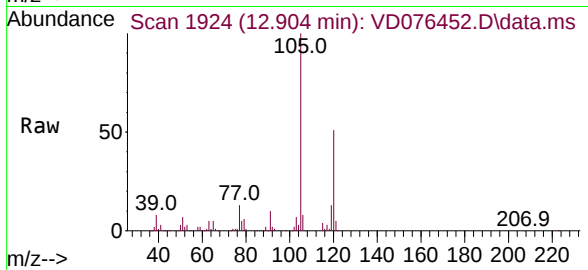




#62
1,3,5-Trimethylbenzene
Concen: 24.233 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

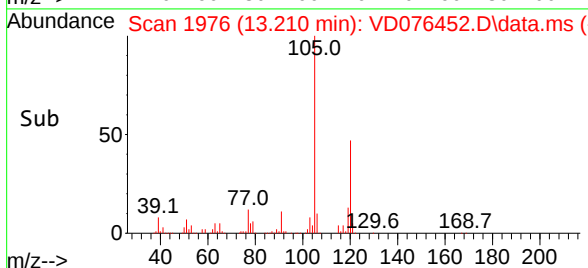
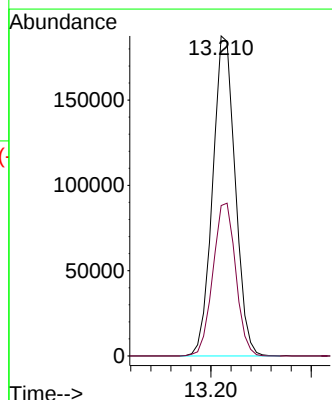
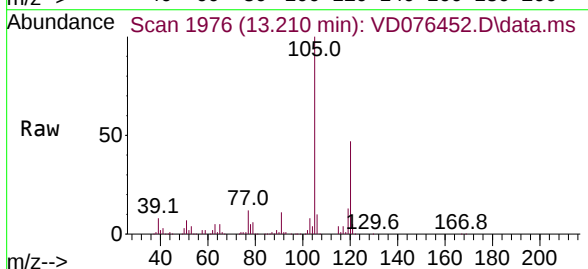
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

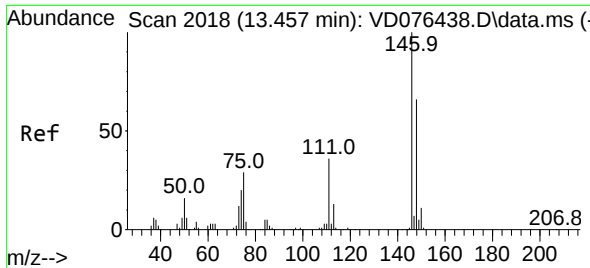
Tgt Ion:105 Resp: 296772
Ion Ratio Lower Upper
105 100
120 50.0 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 24.248 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:105 Resp: 293038
Ion Ratio Lower Upper
105 100
120 48.3 37.5 56.3

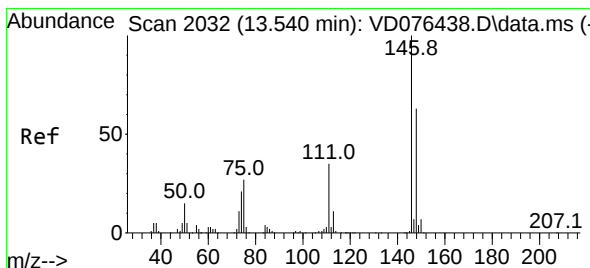
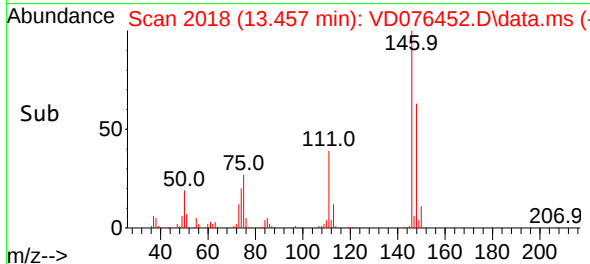
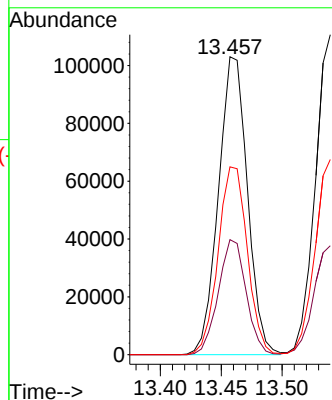
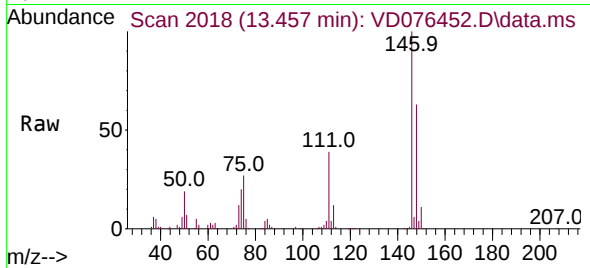




#64
1,3-Dichlorobenzene
Concen: 25.091 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

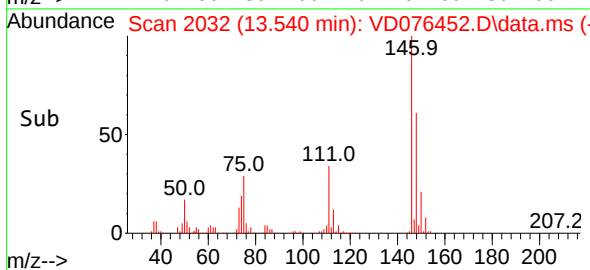
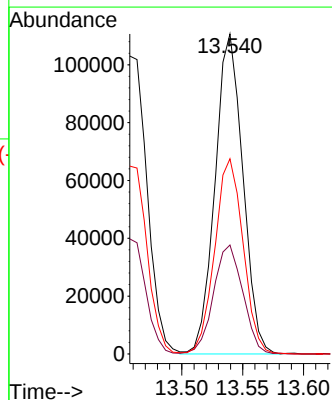
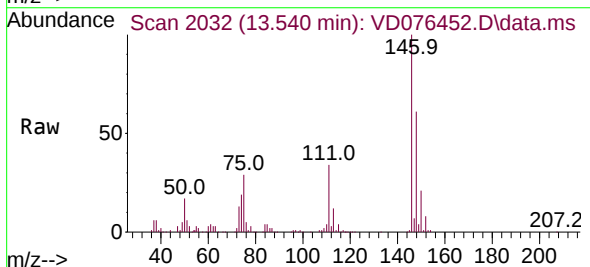
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

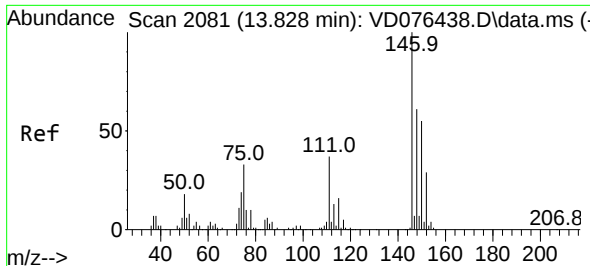
Tgt Ion:146 Resp: 170864
Ion Ratio Lower Upper
146 100
111 38.6 25.6 47.4
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.643 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:146 Resp: 176025
Ion Ratio Lower Upper
146 100
111 34.0 25.7 47.7
148 61.0 45.4 84.2

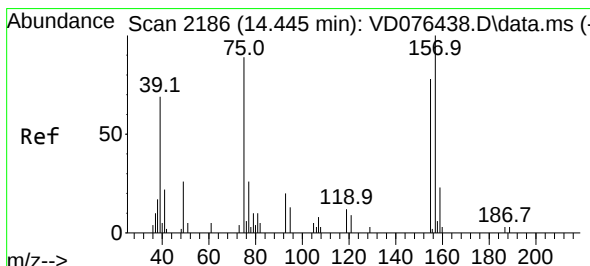
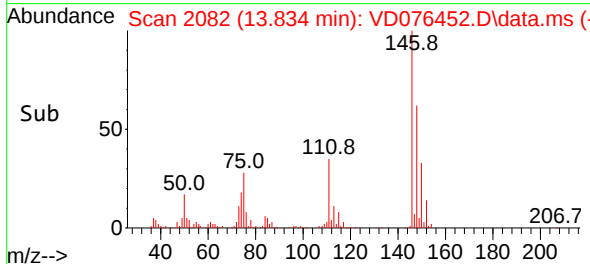
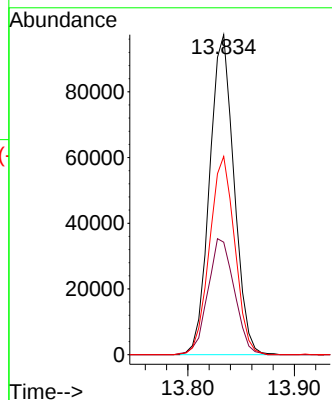
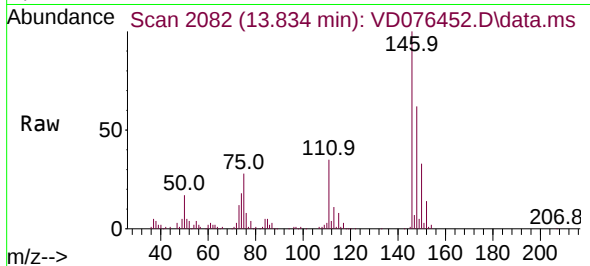




#67
1,2-Dichlorobenzene
Concen: 25.564 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

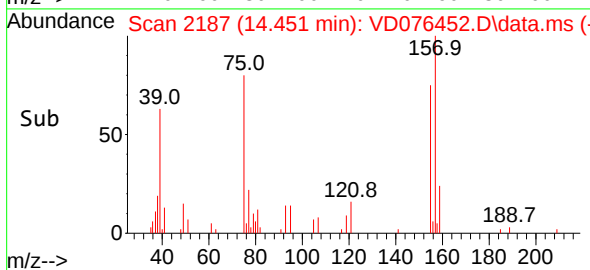
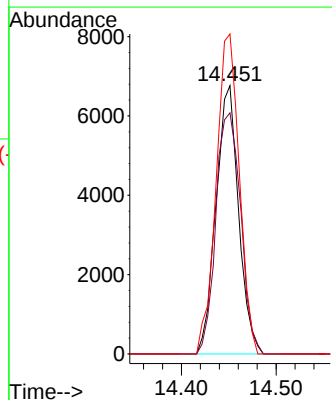
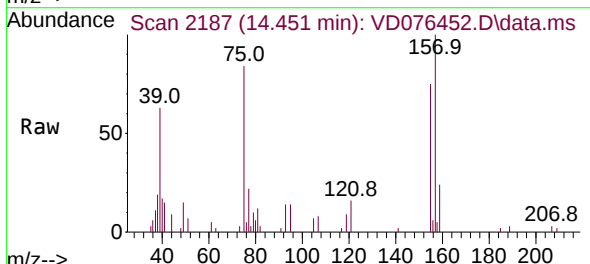
Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

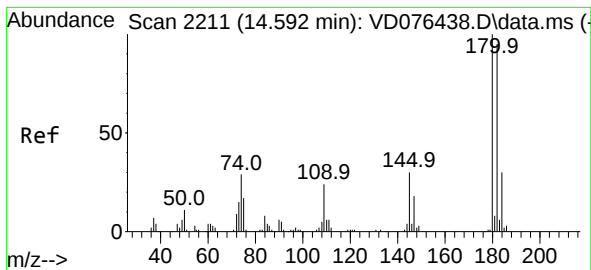
Tgt Ion:146 Resp: 155083
Ion Ratio Lower Upper
146 100
111 35.2 31.3 46.9
148 61.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.909 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion: 75 Resp: 11214
Ion Ratio Lower Upper
75 100
155 89.8 76.2 114.4
157 124.9 89.4 134.2





#69

1,3,5-Trichlorobenzene

Concen: 24.491 ug/L

RT: 14.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

Instrument :

MSVOA_D

ClientSampleId :

VSTD025159

Tgt Ion:180 Resp: 111245

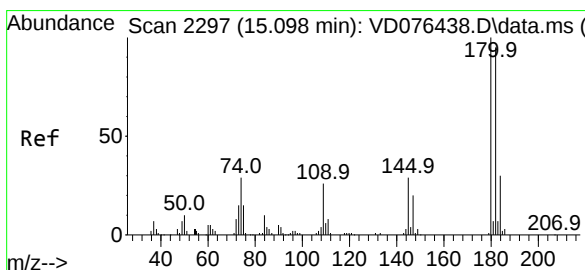
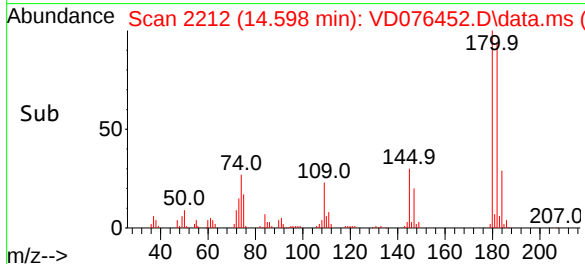
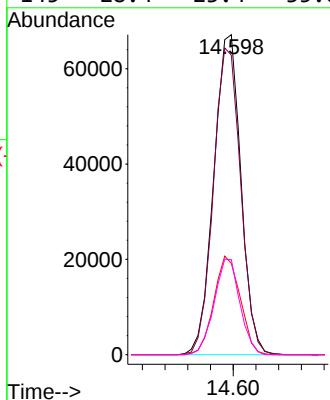
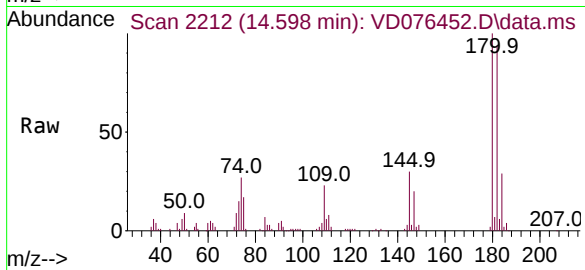
Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

184 29.9 25.0 37.4

145 28.4 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 24.620 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076452.D

Acq: 15 Jun 2023 22:07

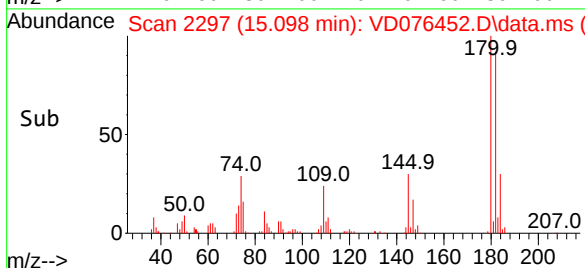
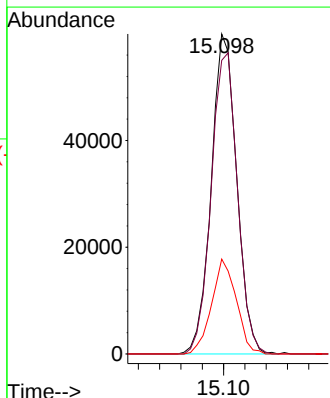
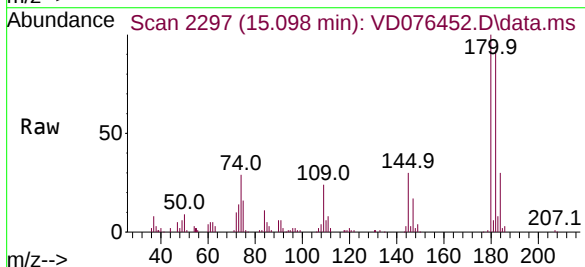
Tgt Ion:180 Resp: 99501

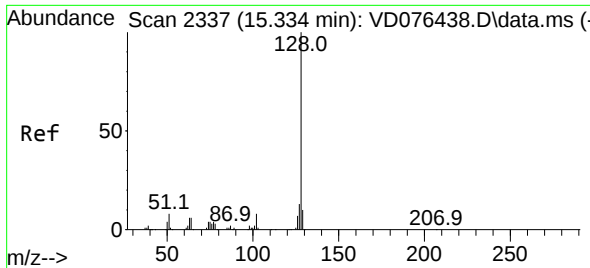
Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

145 28.7 23.5 35.3

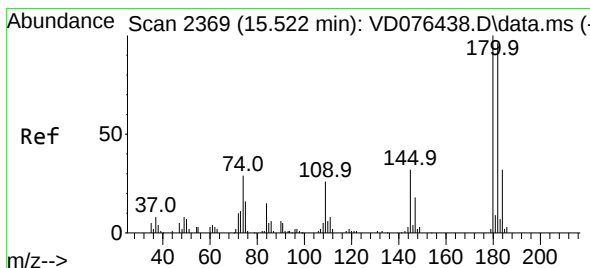
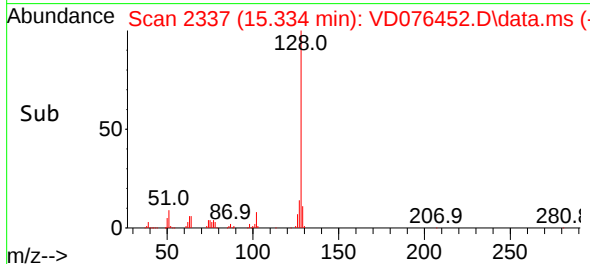
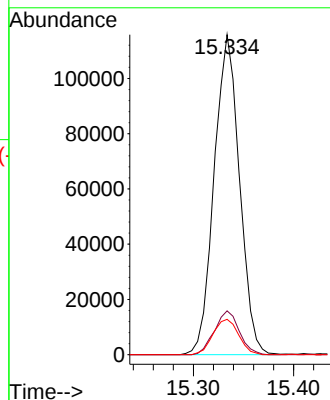
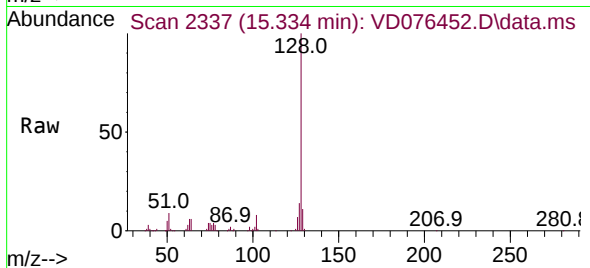




#71
Naphthalene
Concen: 26.294 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Instrument :
MSVOA_D
ClientSampleId :
VSTD025159

Tgt Ion:128 Resp: 203455
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.147 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076452.D
Acq: 15 Jun 2023 22:07

Tgt Ion:180 Resp: 88256
Ion Ratio Lower Upper
180 100
182 96.3 74.3 111.5
145 30.9 25.0 37.6

