

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076987.D
 Acq On : 11 Aug 2023 13:55
 Operator : JC/SY
 Sample : 03965-03MSD
 Misc : 5.21G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

Quant Time: Aug 12 02:22:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	217343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195247	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122993	20.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
7) Chloroethane-d5	2.793	69	122801	22.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
11) 1,1-Dichloroethene-d2	3.905	65	15822	11.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.680%#
21) 2-Butanone-d5	6.987	46	35399	36.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.780%
24) Chloroform-d	7.569	84	170671	24.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.228	65	86144	24.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.680%
32) Benzene-d6	8.198	84	325822	26.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.160%
36) 1,2-Dichloropropane-d6	9.210	67	99394	26.335	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.269	98	295800	26.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.120%
43) trans-1,3-Dichloroprop...	10.528	79	41168	24.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.875	63	32372	44.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93547	25.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	71120	25.134	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	89804	24.928	ug/L	99
3) Chloromethane	2.146	50	123462	26.417	ug/L	99
5) Vinyl chloride	2.275	62	176780	26.450	ug/L	96
6) Bromomethane	2.687	94	113058	22.662	ug/L	90
8) Chloroethane	2.828	64	122162	27.151	ug/L	97
9) Trichlorofluoromethane	3.169	101	144840	26.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	83730	23.221	ug/L	98
12) 1,1-Dichloroethene	3.934	96	83208	26.024	ug/L	80
13) Acetone	4.022	43	28607	29.153	ug/L	98
14) Carbon disulfide	4.263	76	265038	23.883	ug/L	98
15) Methyl Acetate	4.558	43	29547	17.815	ug/L #	90
16) Methylene chloride	4.799	84	100359	22.013	ug/L	83
17) trans-1,2-Dichloroethene	5.310	96	91185	25.187	ug/L	86
18) Methyl tert-butyl Ether	5.316	73	215396	26.931	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	155658	25.751	ug/L	91
20) cis-1,2-Dichloroethene	7.075	96	102647	25.399	ug/L	85
22) 2-Butanone	7.081	43	49326	35.928	ug/L	87
23) Bromochloromethane	7.422	128	50842	25.938	ug/L #	78
25) Chloroform	7.599	83	174485	26.356	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076987.D
 Acq On : 11 Aug 2023 13:55
 Operator : JC/SY
 Sample : 03965-03MSD
 Misc : 5.21G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

Quant Time: Aug 12 02:22:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

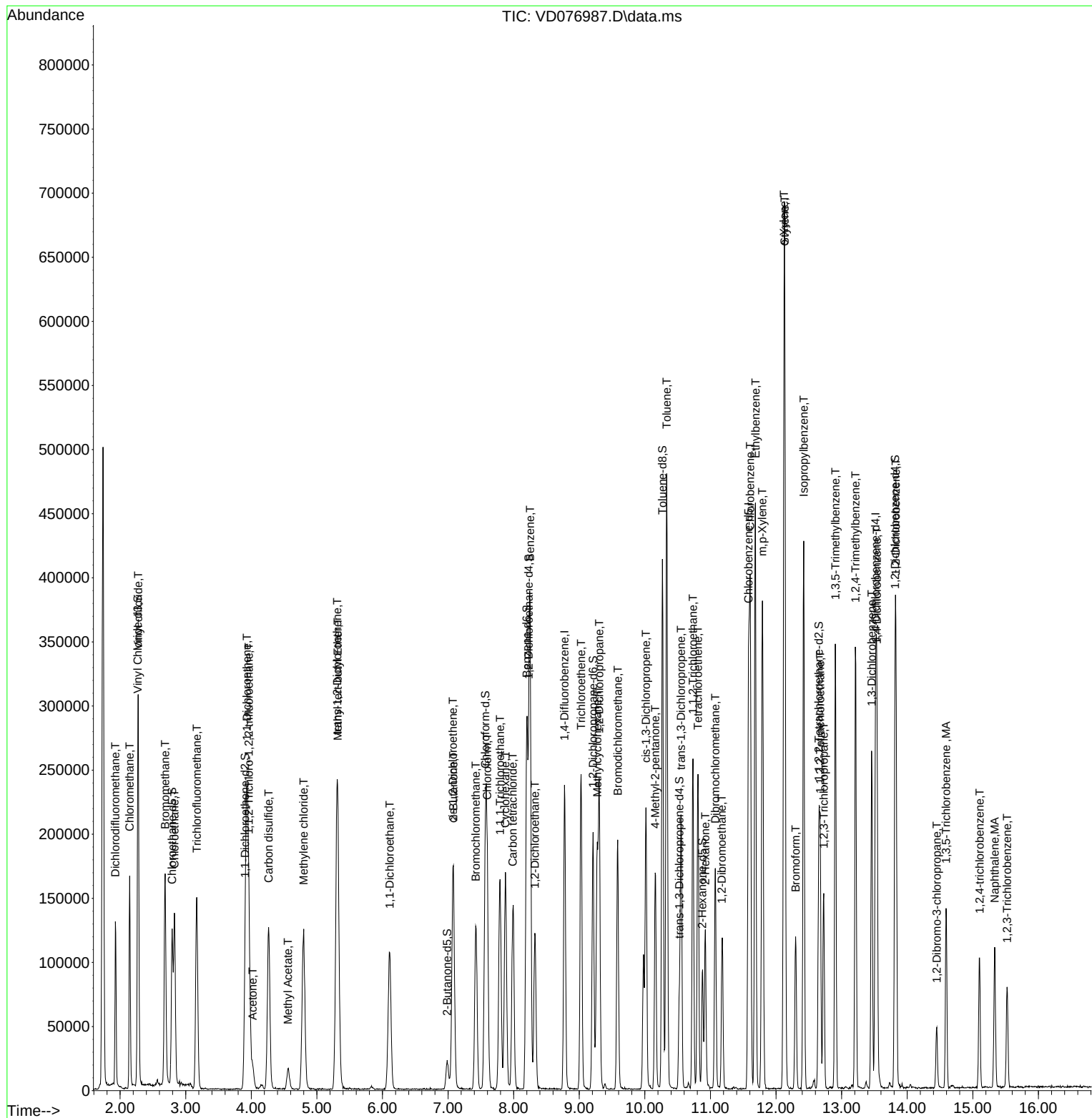
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	110236	26.568	ug/L	100
29) Cyclohexane	7.875	56	84744	19.717	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	139895	28.917	ug/L	97
31) Carbon tetrachloride	7.987	117	110672	27.952	ug/L	98
33) Benzene	8.251	78	372053	29.071	ug/L	100
34) Trichloroethene	9.028	95	88518	26.559	ug/L	97
35) Methylcyclohexane	9.275	83	76939	14.156	ug/L	91
37) 1,2-Dichloropropane	9.304	63	92916	28.580	ug/L #	96
38) Bromodichloromethane	9.587	83	128784	28.765	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	138036	26.308	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	106696	52.088	ug/L #	88
42) Toluene	10.334	91	376003	27.018	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	118229	25.782	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	84631	29.290	ug/L	98
46) Tetrachloroethene	10.810	164	57555	22.913	ug/L	95
48) 2-Hexanone	10.922	43	75453	47.899	ug/L #	93
49) Dibromochloromethane	11.075	129	90730	28.226	ug/L	96
50) 1,2-Dibromoethane	11.175	107	79837	28.331	ug/L	100
51) Chlorobenzene	11.604	112	214812	23.692	ug/L	96
52) Ethylbenzene	11.687	91	345652	23.309	ug/L	100
53) m,p-Xylene	11.792	106	131938	23.058	ug/L	93
54) o-Xylene	12.122	106	129679	23.564	ug/L	99
55) Styrene	12.134	104	222589	22.370	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.675	83	91239	25.531	ug/L #	94
59) Bromoform	12.298	173	53278	34.709	ug/L #	97
60) Isopropylbenzene	12.422	105	280301	25.181	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	62587	34.647	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	191754	22.613	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	194216	23.014	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	109101	21.476	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	116416	22.170	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	103375	21.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	11498	27.779	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	43642	13.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	33999	12.158	ug/L	98
71) Naphthalene	15.333	128	98230	14.939	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	27822	10.970	ug/L	98

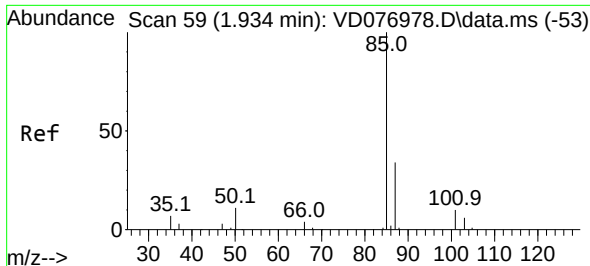
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076987.D
 Acq On : 11 Aug 2023 13:55
 Operator : JC/SY
 Sample : 03965-03MSD
 Misc : 5.21G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

Quant Time: Aug 12 02:22:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

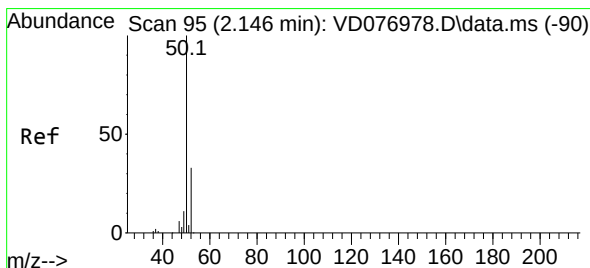
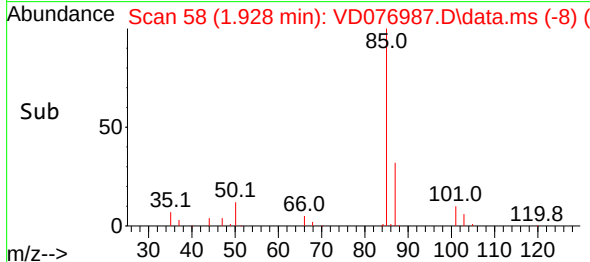
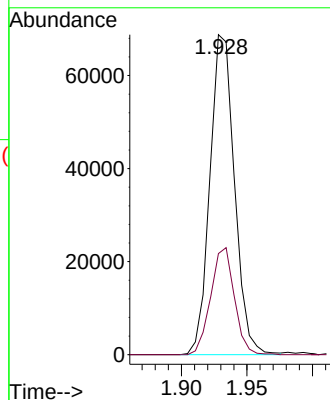
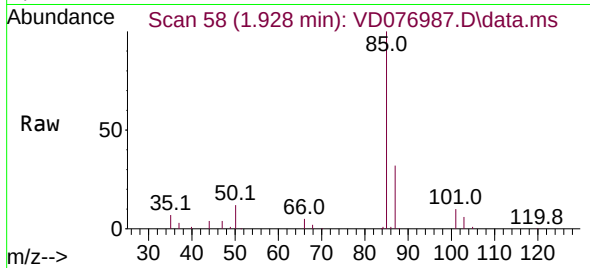




#2
 Dichlorodifluoromethane
 Concen: 24.928 ug/L
 RT: 1.928 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

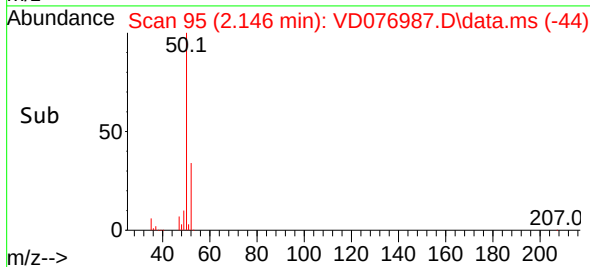
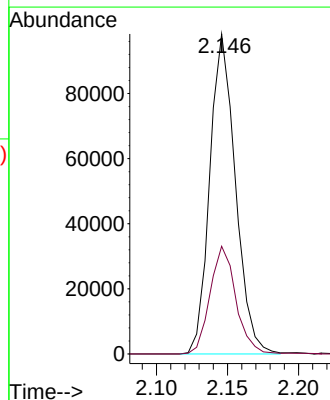
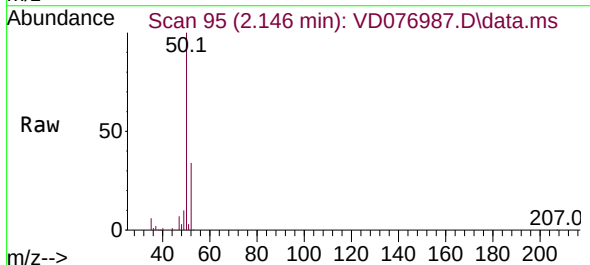
Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

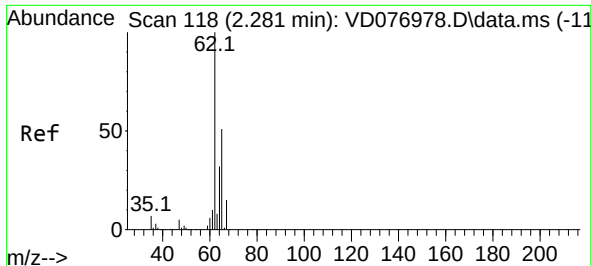
Tgt Ion: 85 Resp: 89804
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.3 39.5



#3
 Chloromethane
 Concen: 26.417 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

Tgt Ion: 50 Resp: 123462
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

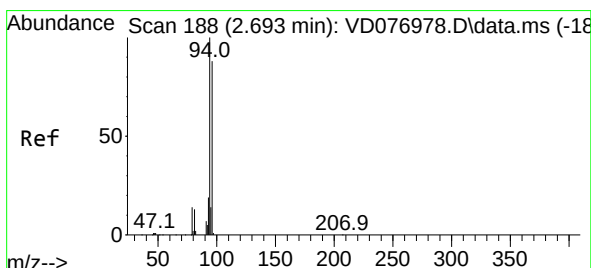
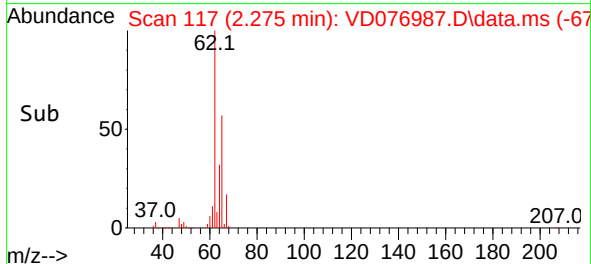
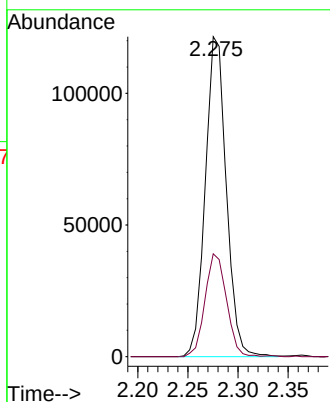
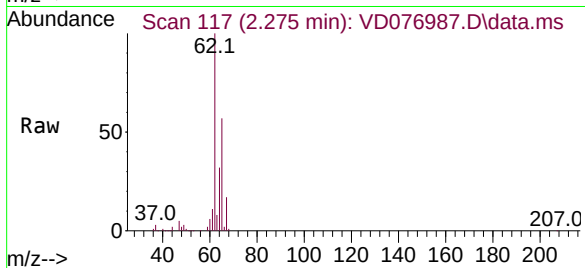




#5
 Vinyl chloride
 Concen: 26.450 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

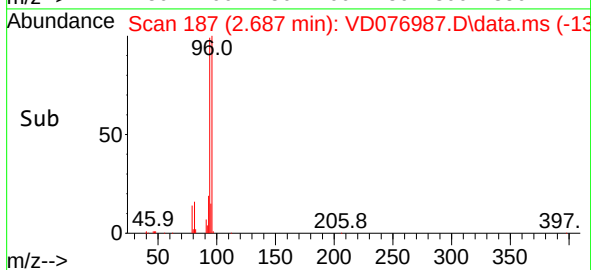
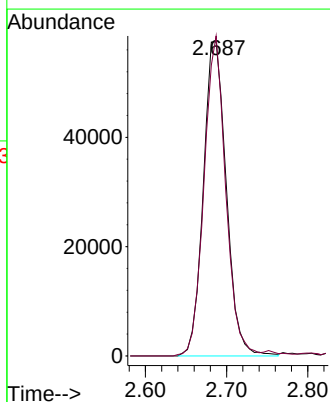
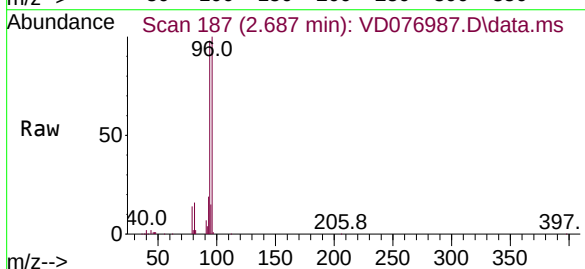
Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

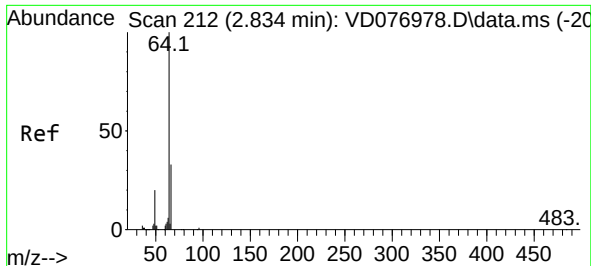
Tgt Ion: 62 Resp: 176780
 Ion Ratio Lower Upper
 62 100
 64 32.1 21.1 39.1



#6
 Bromomethane
 Concen: 22.662 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

Tgt Ion: 94 Resp: 113058
 Ion Ratio Lower Upper
 94 100
 96 101.9 64.7 120.1

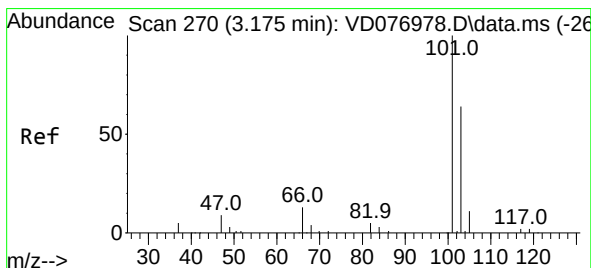
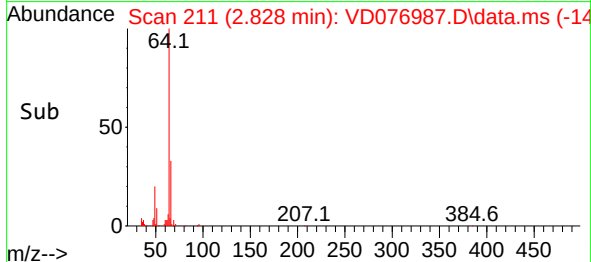
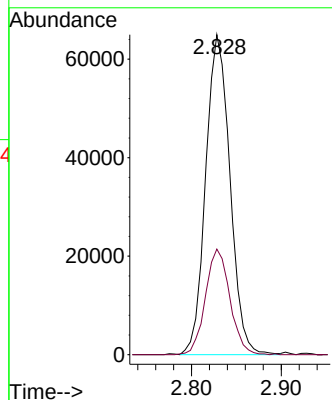
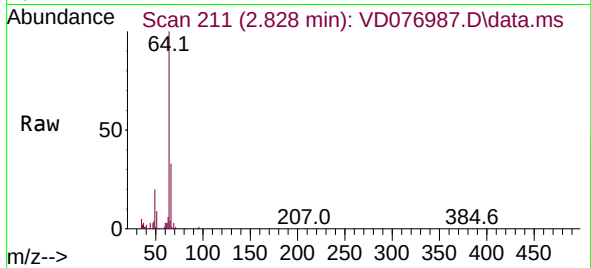




#8
Chloroethane
Concen: 27.151 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

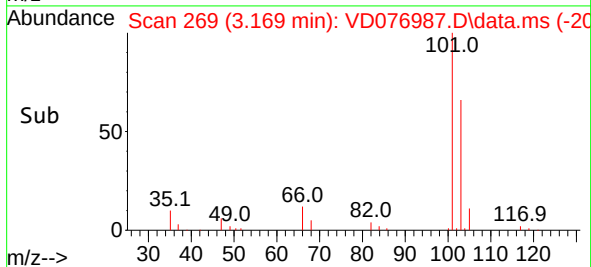
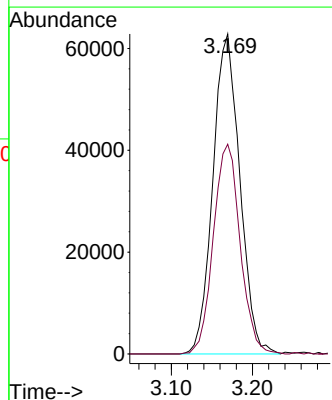
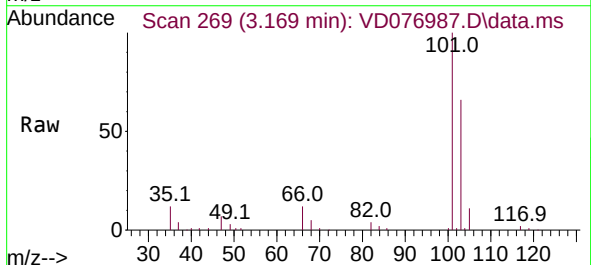
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

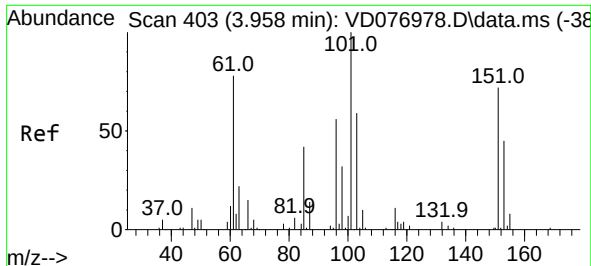
Tgt Ion: 64 Resp: 122162
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 26.174 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion:101 Resp: 144840
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6





#10

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

Concen: 23.221 ug/L

RT: 3.963 min Scan# 403

Delta R.T. 0.006 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

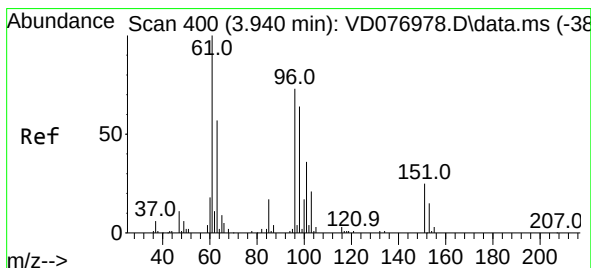
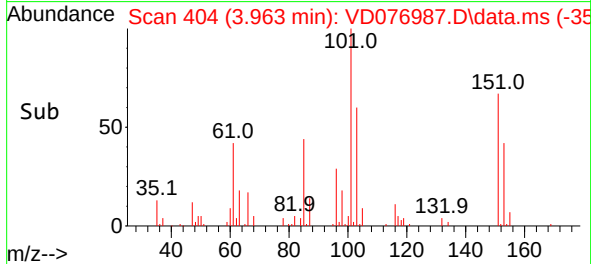
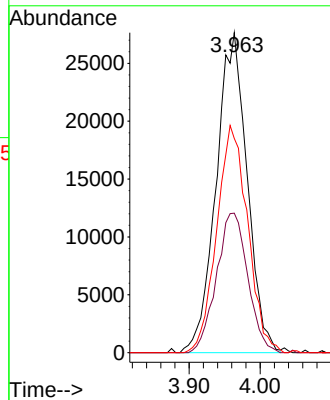
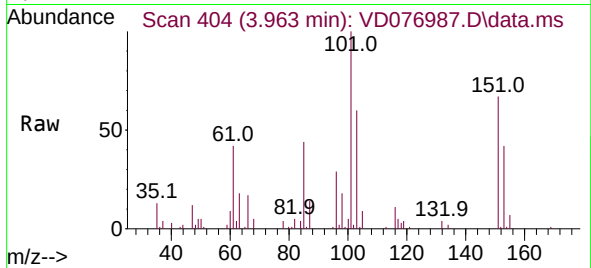
Tgt Ion:101 Resp: 83730

Ion Ratio Lower Upper

101 100

85 44.1 35.5 53.3

151 71.1 58.6 87.8



#12

1,1-Dichloroethene

Concen: 26.024 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

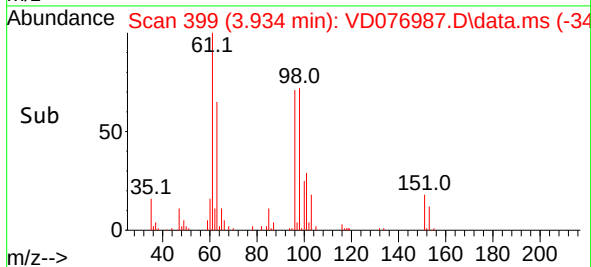
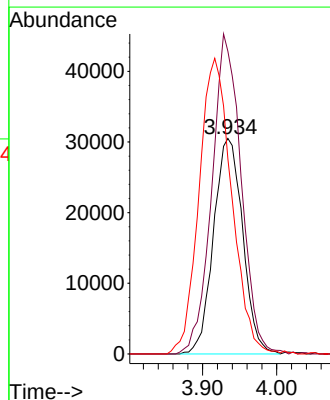
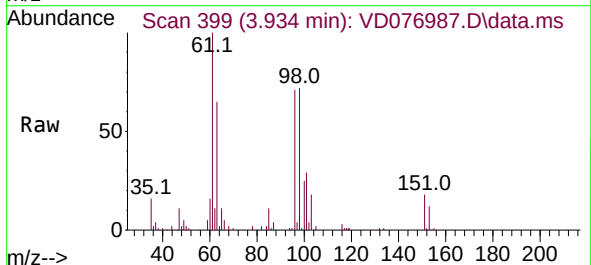
Tgt Ion: 96 Resp: 83208

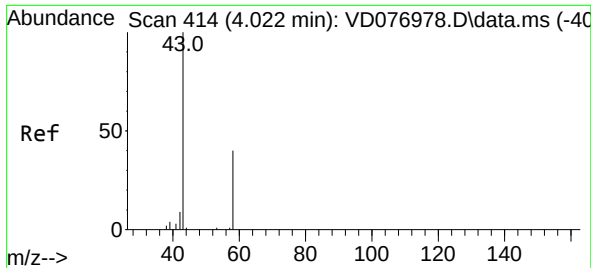
Ion Ratio Lower Upper

96 100

61 140.5 113.0 209.8

63 90.6 83.6 155.2





#13

Acetone

Concen: 29.153 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

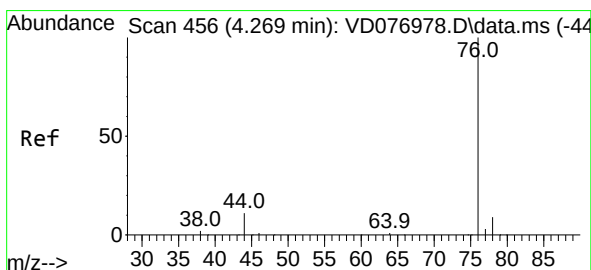
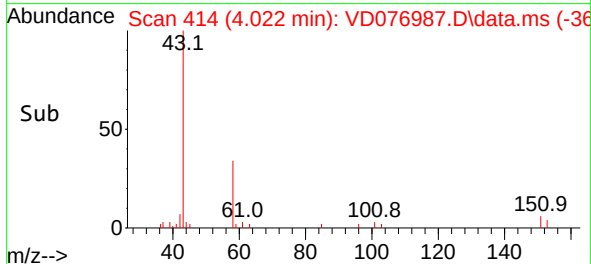
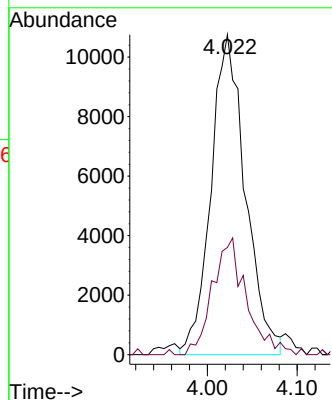
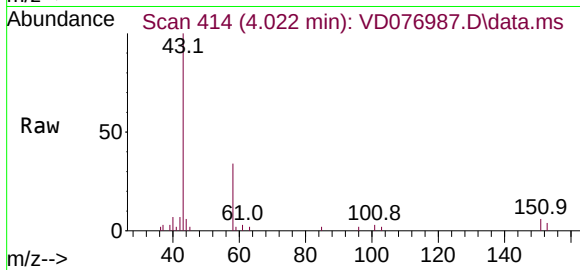
A4832MSD

Tgt Ion: 43 Resp: 28607

Ion Ratio Lower Upper

43 100

58 34.8 0.0 67.4



#14

Carbon disulfide

Concen: 23.883 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076987.D

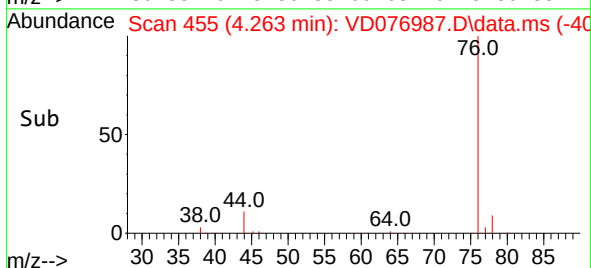
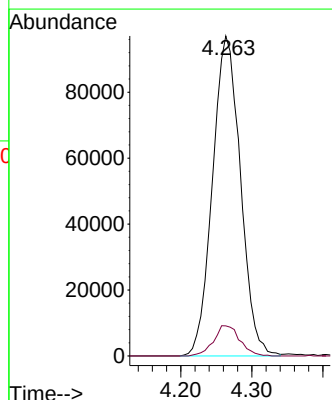
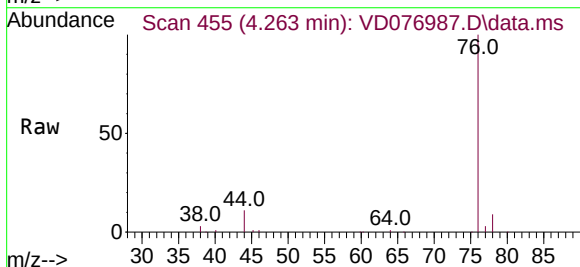
Acq: 11 Aug 2023 13:55

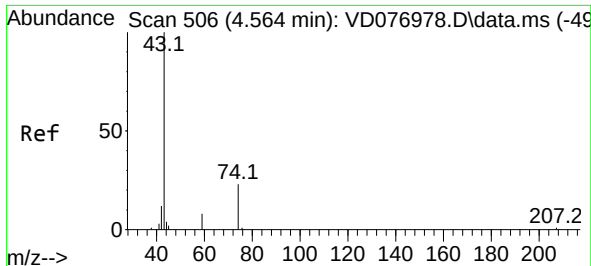
Tgt Ion: 76 Resp: 265038

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

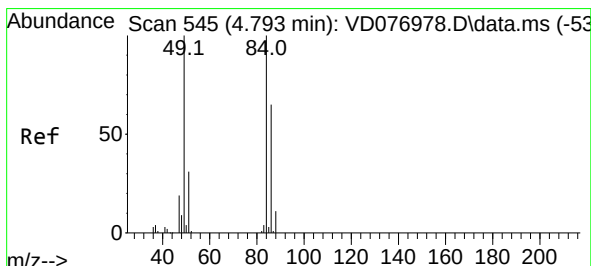
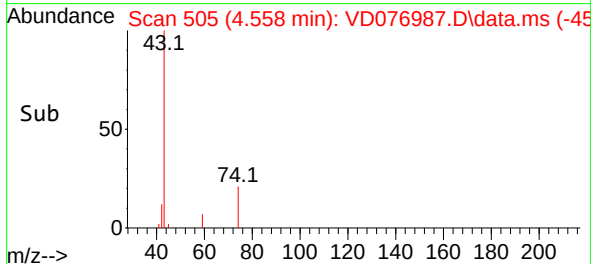
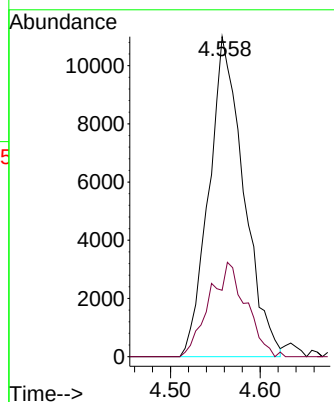
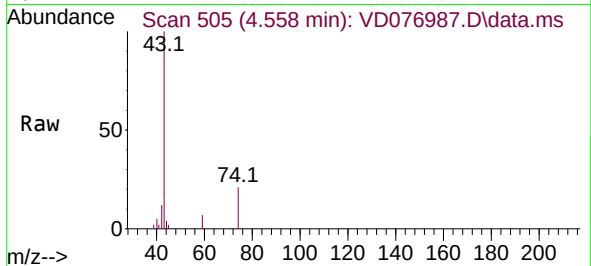




#15
Methyl Acetate
Concen: 17.815 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

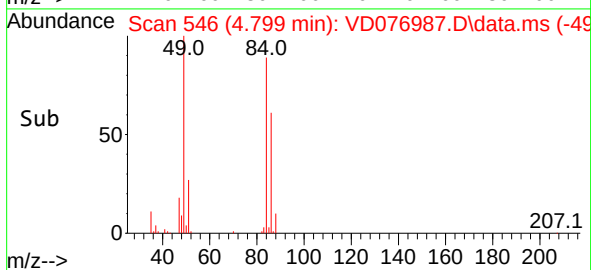
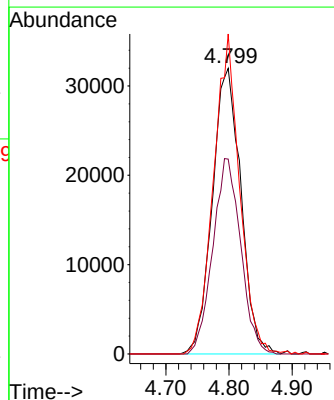
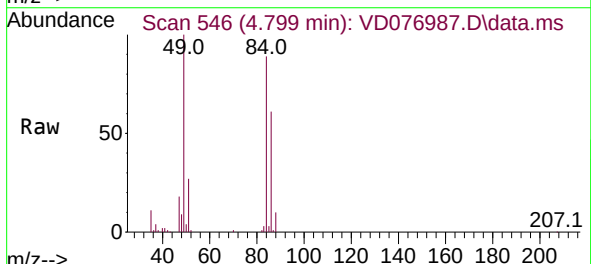
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

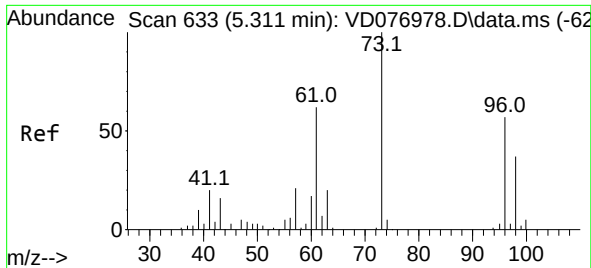
Tgt Ion: 43 Resp: 29547
Ion Ratio Lower Upper
43 100
74 17.7 18.2 27.2#



#16
Methylene chloride
Concen: 22.013 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 84 Resp: 100359
Ion Ratio Lower Upper
84 100
86 68.3 45.1 83.9
49 112.0 97.2 180.6

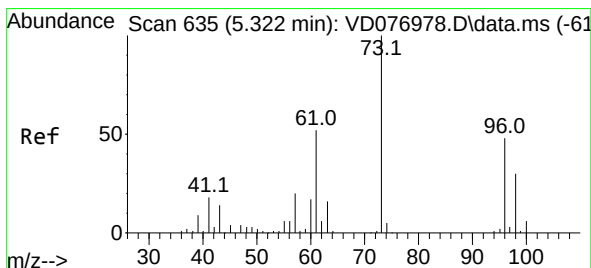
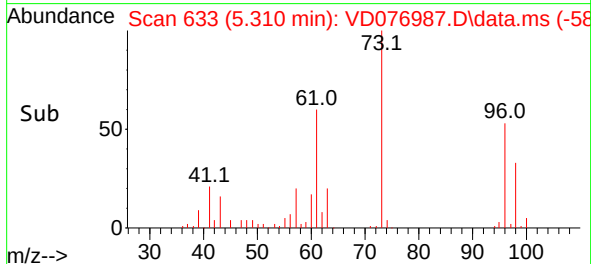
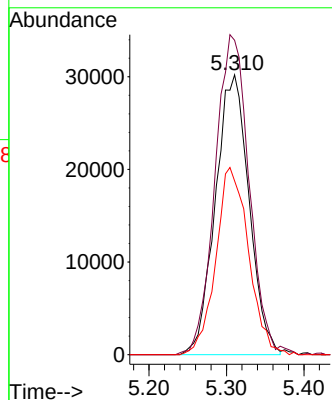
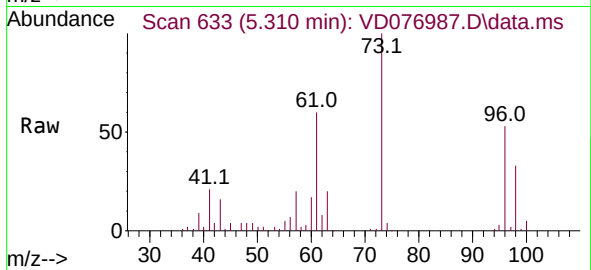




#17
trans-1,2-Dichloroethene
Concen: 25.187 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

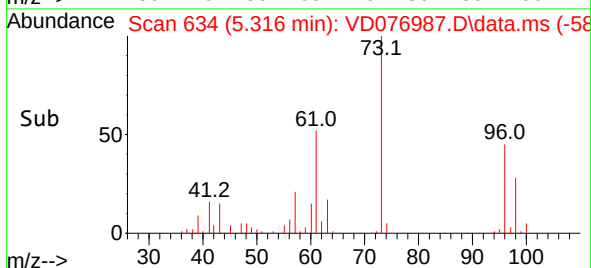
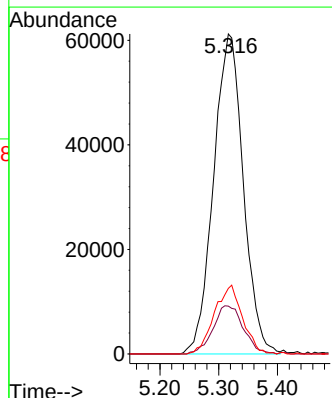
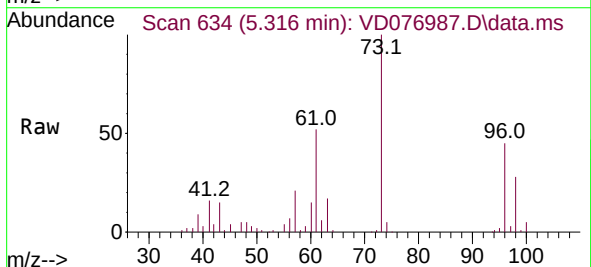
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

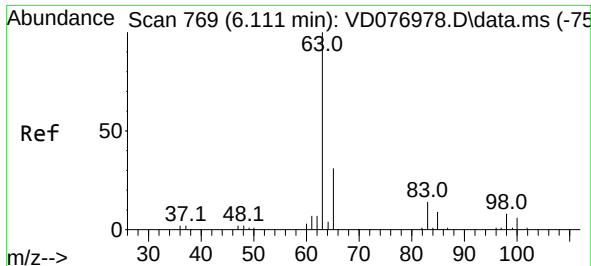
Tgt Ion: 96 Resp: 91185
Ion Ratio Lower Upper
96 100
61 112.3 94.5 175.5
98 62.1 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 26.931 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 73 Resp: 215396
Ion Ratio Lower Upper
73 100
43 15.4 7.2 10.8#
57 20.3 18.6 28.0

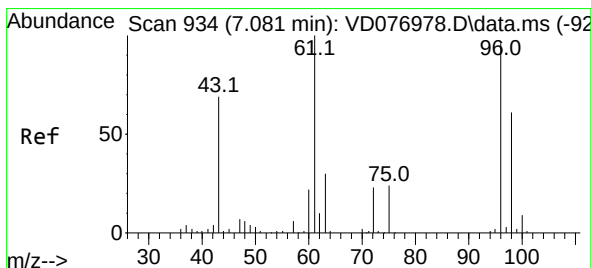
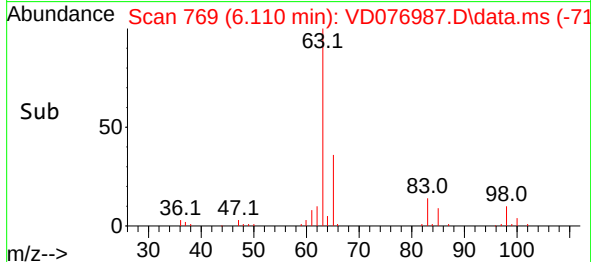
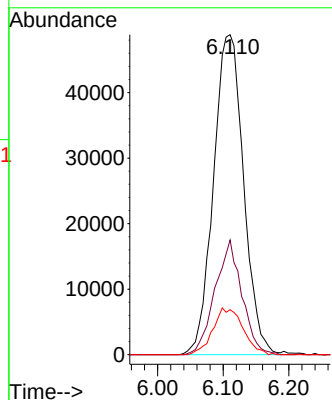
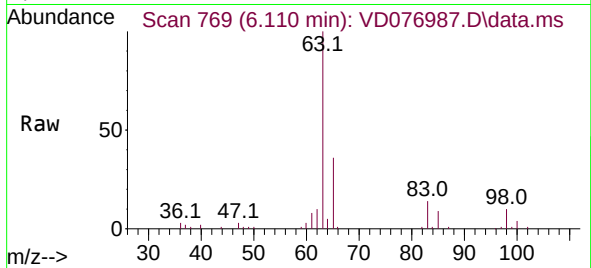




#19
 1,1-Dichloroethane
 Concen: 25.751 ug/L
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

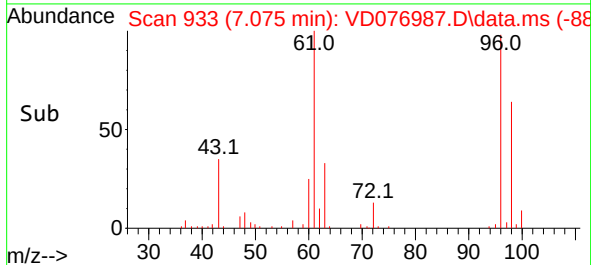
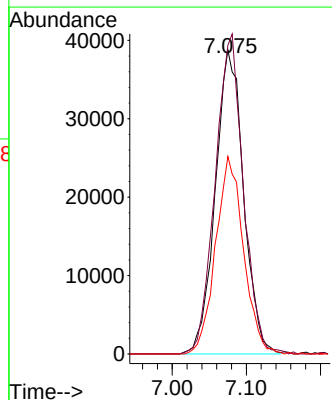
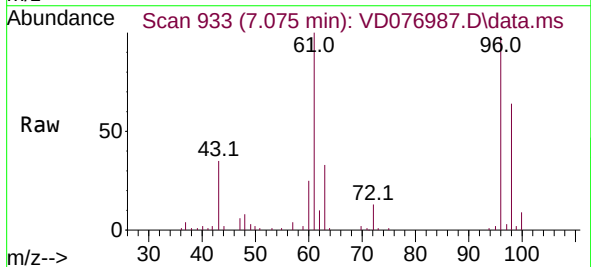
Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

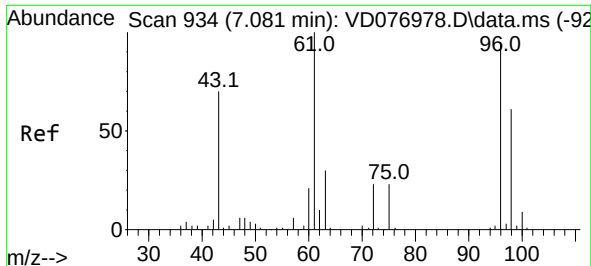
Tgt Ion: 63 Resp: 155658
 Ion Ratio Lower Upper
 63 100
 65 35.9 20.8 38.6
 83 14.1 8.9 16.5



#20
 cis-1,2-Dichloroethene
 Concen: 25.399 ug/L
 RT: 7.075 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

Tgt Ion: 96 Resp: 102647
 Ion Ratio Lower Upper
 96 100
 61 101.5 86.0 159.6
 98 65.0 42.2 78.4

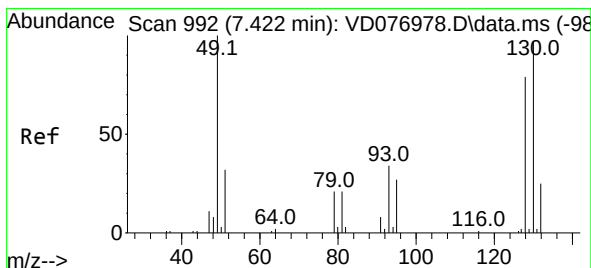
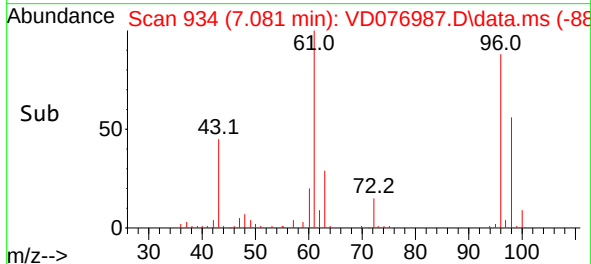
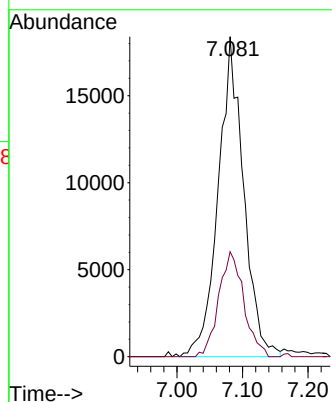
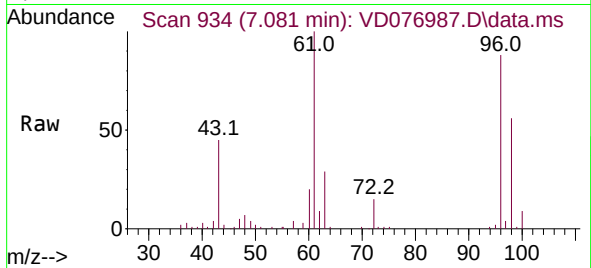




#22
2-Butanone
Concen: 35.928 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

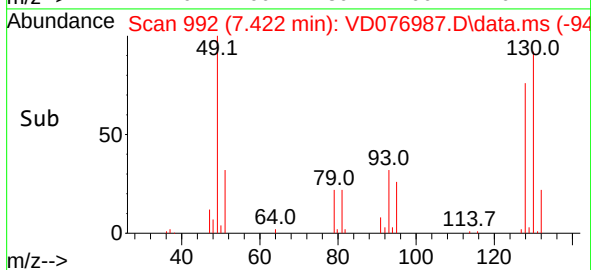
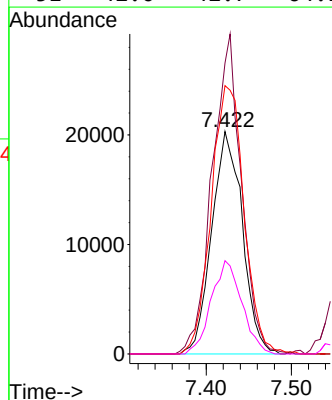
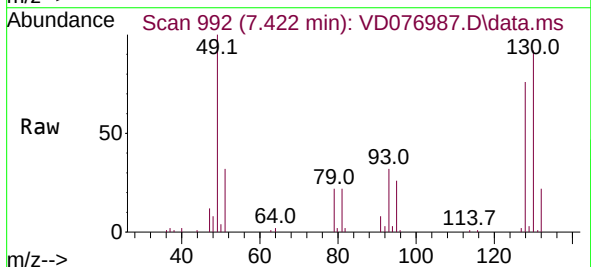
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

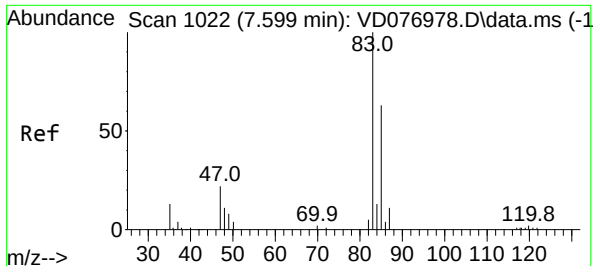
Tgt Ion: 43 Resp: 49326
Ion Ratio Lower Upper
43 100
72 32.3 12.9 38.7



#23
Bromochloromethane
Concen: 25.938 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 128 Resp: 50842
Ion Ratio Lower Upper
128 100
49 130.9 124.7 231.7
130 120.7 80.0 148.6
51 42.0 42.7 64.1#





#25

Chloroform

Concen: 26.356 ug/L

RT: 7.599 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

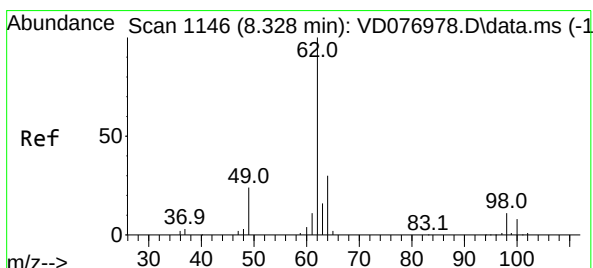
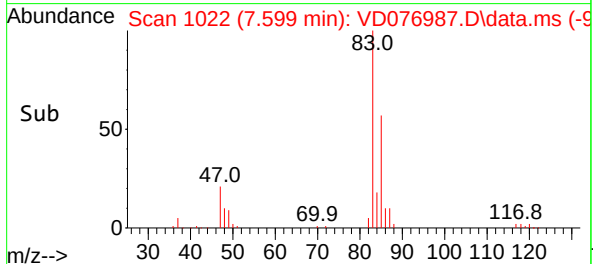
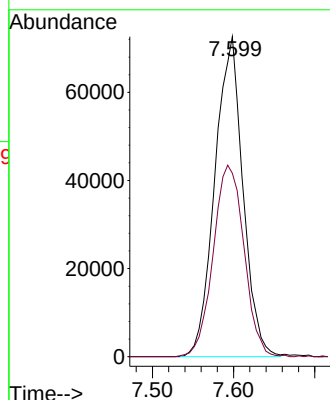
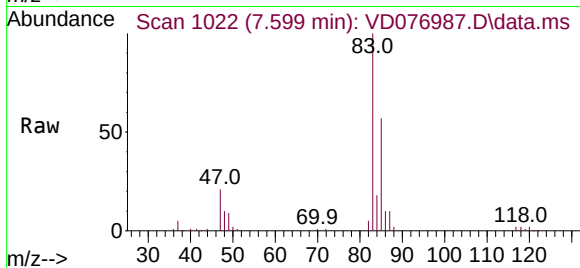
A4832MSD

Tgt Ion: 83 Resp: 174485

Ion Ratio Lower Upper

83 100

85 57.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.568 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD076987.D

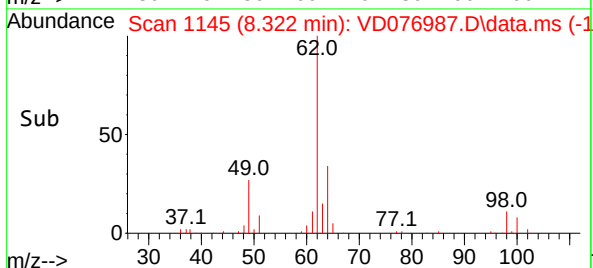
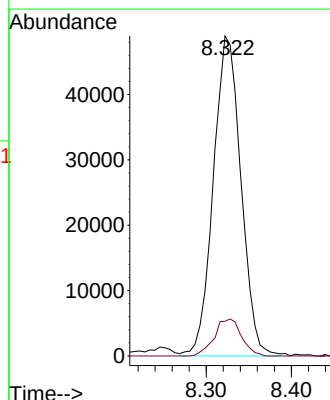
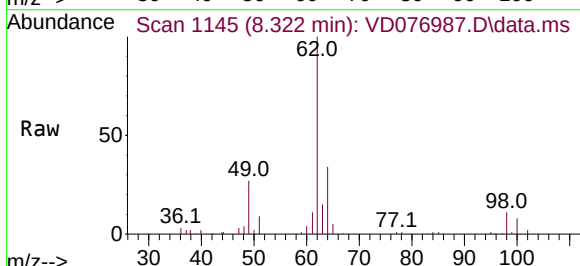
Acq: 11 Aug 2023 13:55

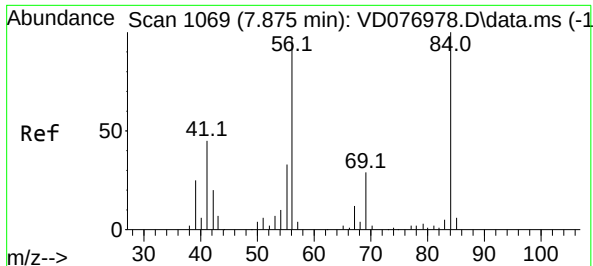
Tgt Ion: 62 Resp: 110236

Ion Ratio Lower Upper

62 100

98 10.9 8.7 13.1





#29

Cyclohexane

Concen: 19.717 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

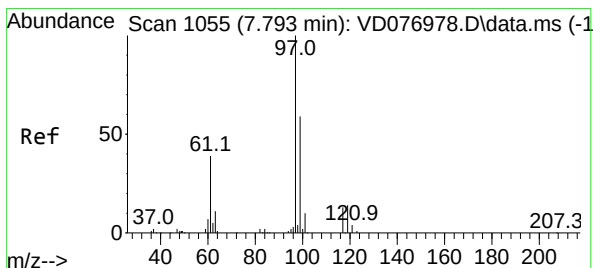
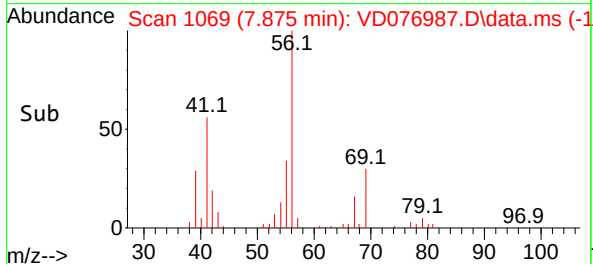
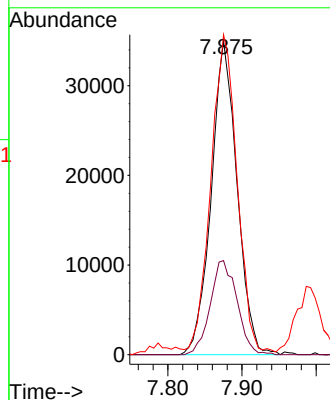
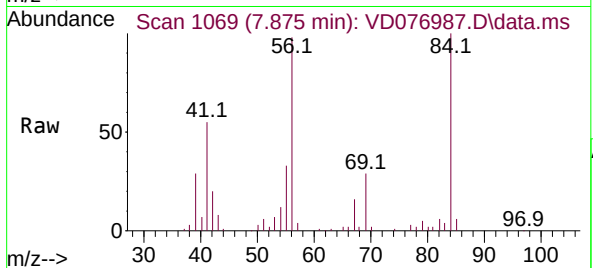
Tgt Ion: 56 Resp: 84744

Ion Ratio Lower Upper

56 100

69 31.1 23.4 35.0

84 104.1 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 28.917 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

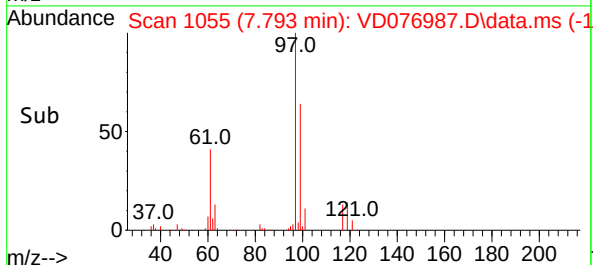
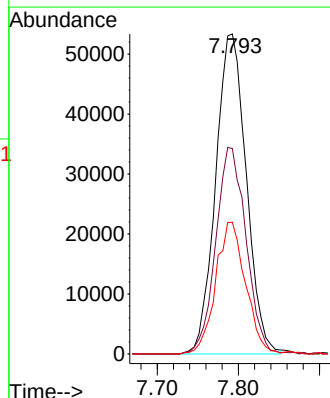
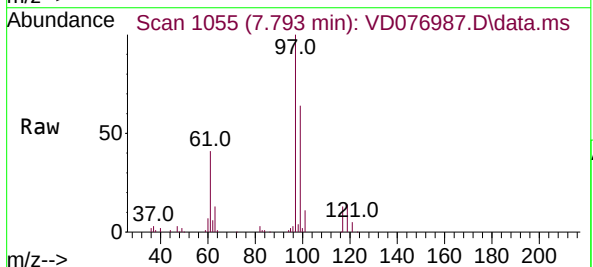
Tgt Ion: 97 Resp: 139895

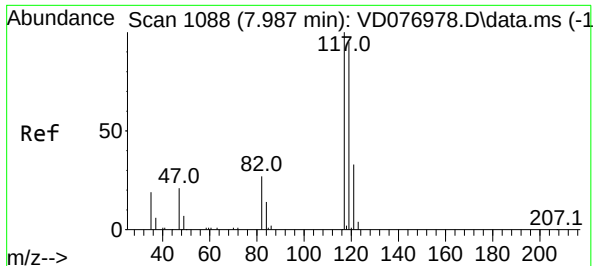
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 40.2 36.4 54.6

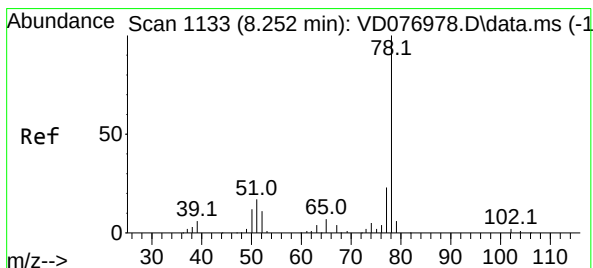
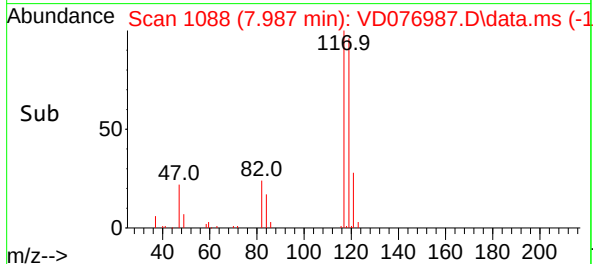
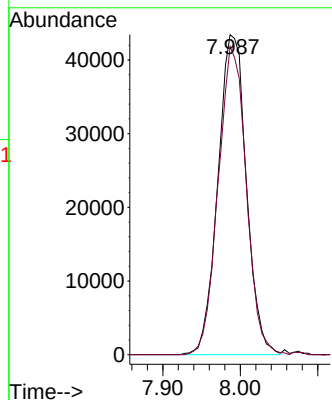
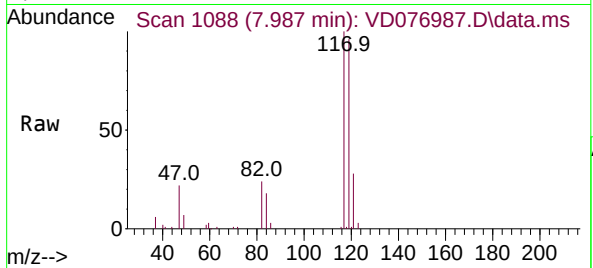




#31
Carbon tetrachloride
Concen: 27.952 ug/L
RT: 7.987 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

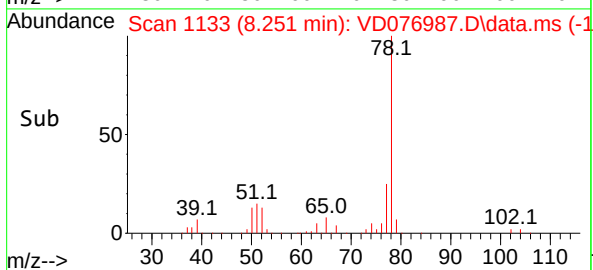
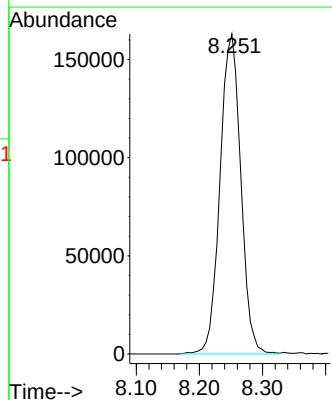
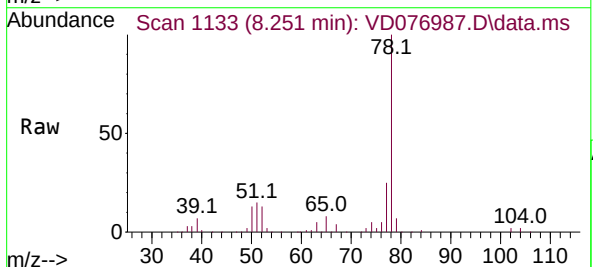
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

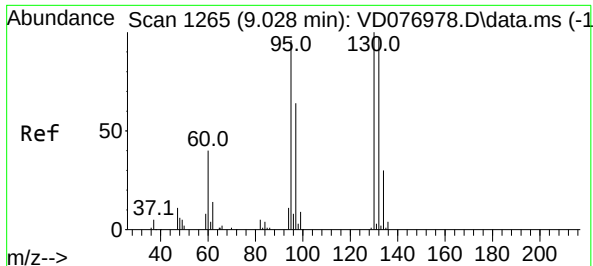
Tgt Ion:117 Resp: 110672
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.6



#33
Benzene
Concen: 29.071 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 78 Resp: 372053





#34

Trichloroethene

Concen: 26.559 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

Tgt Ion: 95 Resp: 88518

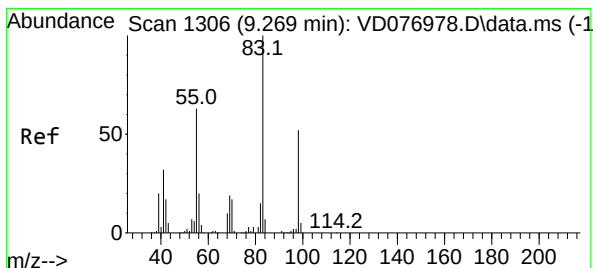
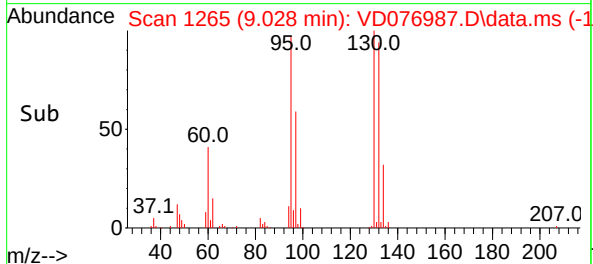
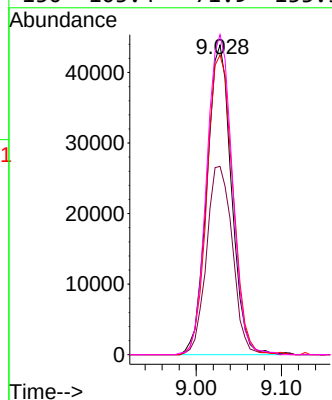
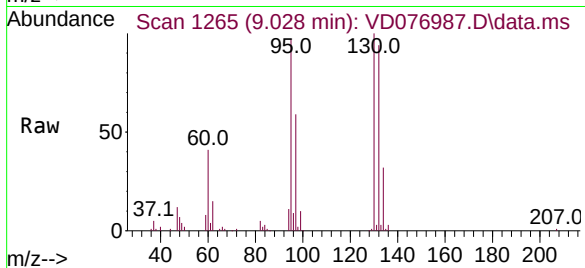
Ion Ratio Lower Upper

95 100

97 60.8 43.1 80.1

132 96.8 71.8 133.4

130 103.4 71.9 133.5



#35

Methylcyclohexane

Concen: 14.156 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

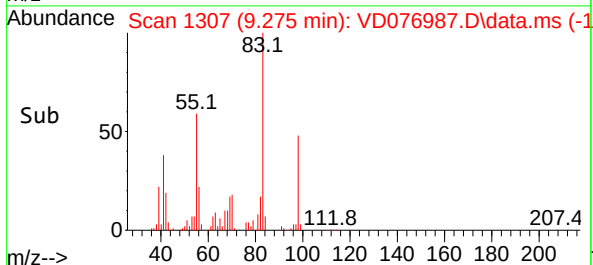
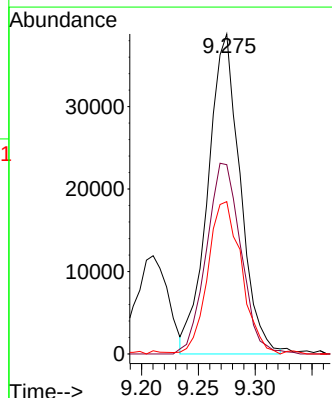
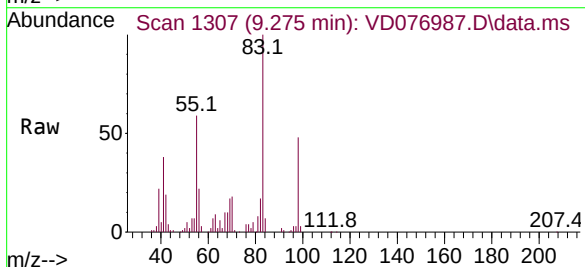
Tgt Ion: 83 Resp: 76939

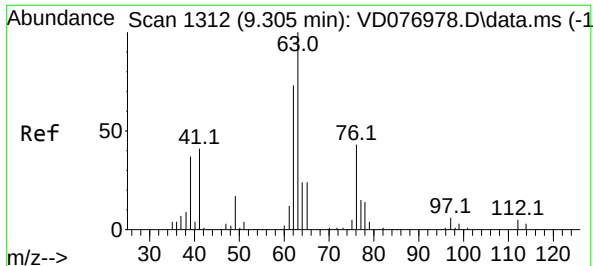
Ion Ratio Lower Upper

83 100

55 63.6 59.8 89.6

98 49.6 37.8 56.6





#37

1,2-Dichloropropane

Concen: 28.580 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

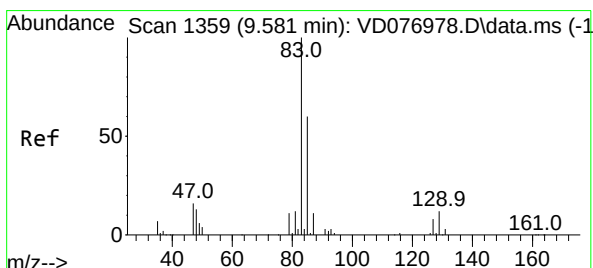
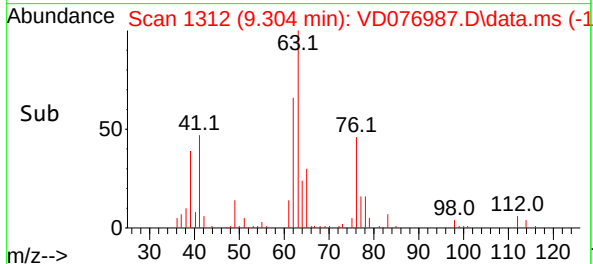
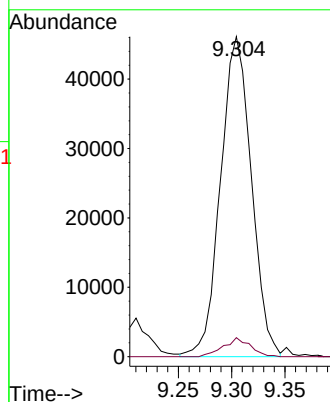
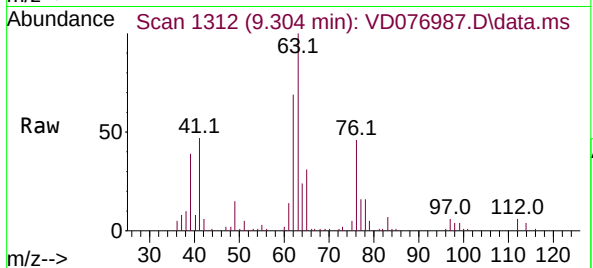
A4832MSD

Tgt Ion: 63 Resp: 92916

Ion Ratio Lower Upper

63 100

112 5.2 3.1 4.7#



#38

Bromodichloromethane

Concen: 28.765 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

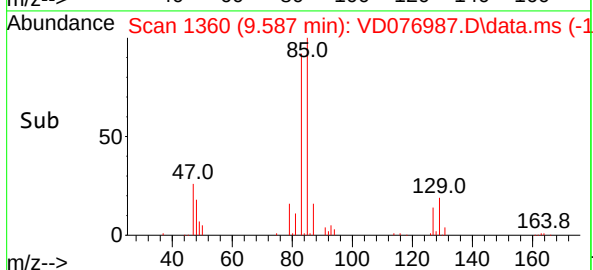
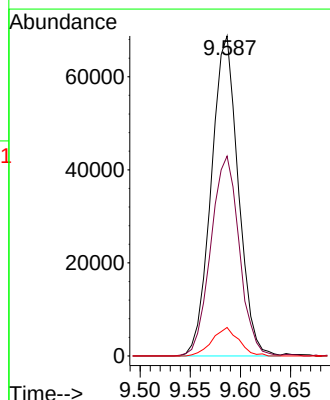
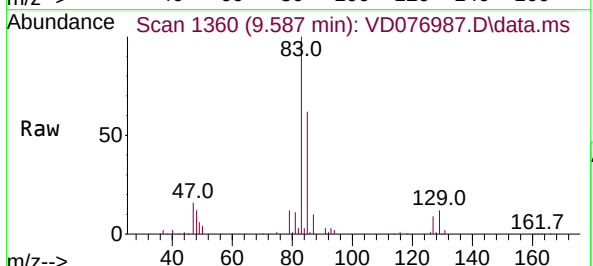
Tgt Ion: 83 Resp: 128784

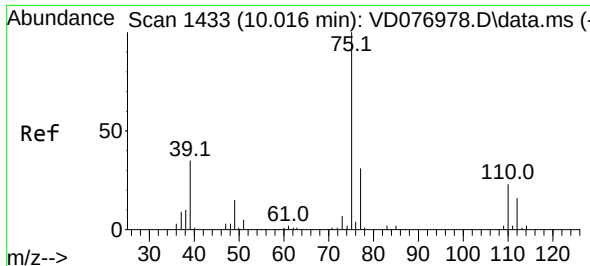
Ion Ratio Lower Upper

83 100

85 62.5 43.9 81.5

127 8.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 26.308 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

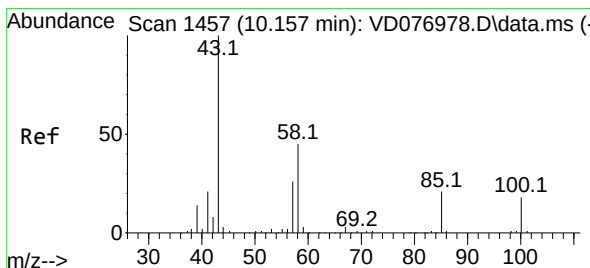
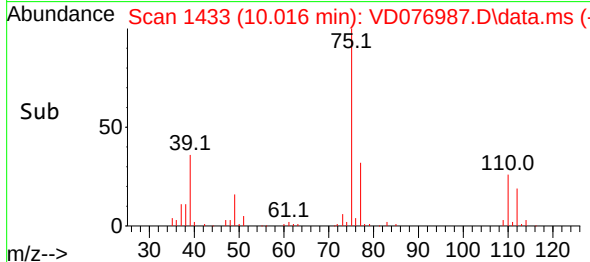
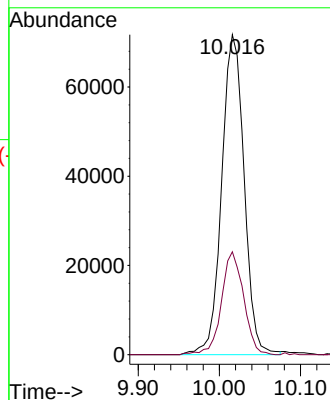
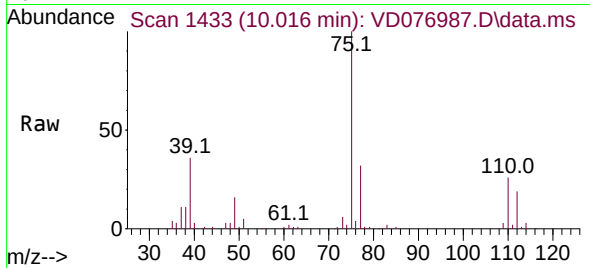
A4832MSD

Tgt Ion: 75 Resp: 138036

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 52.088 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

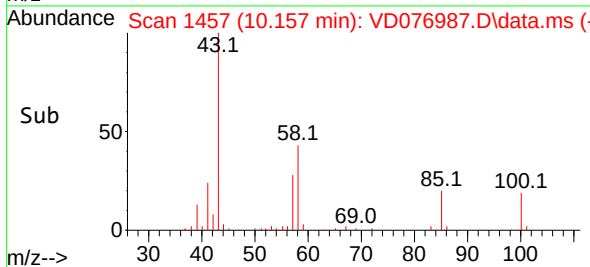
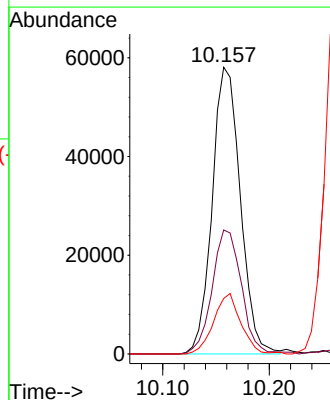
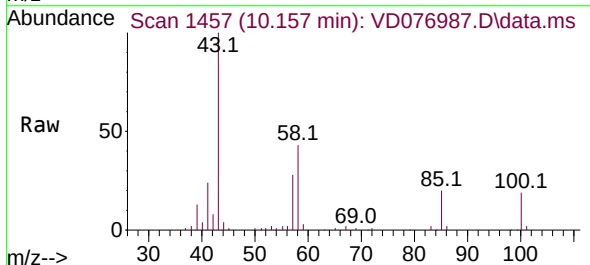
Tgt Ion: 43 Resp: 106696

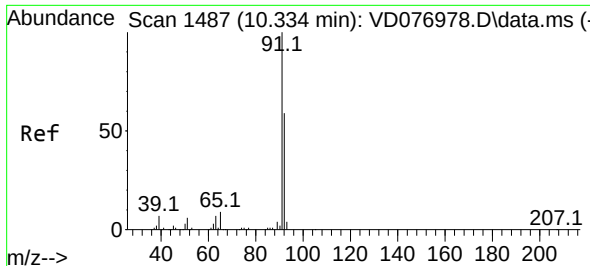
Ion Ratio Lower Upper

43 100

58 44.6 30.7 46.1

100 20.1 11.0 16.4#





#42

Toluene

Concen: 27.018 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

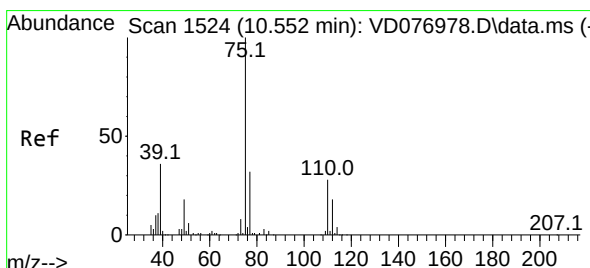
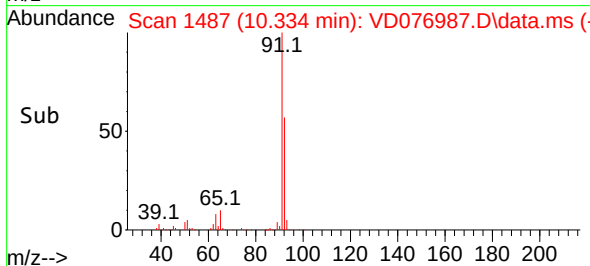
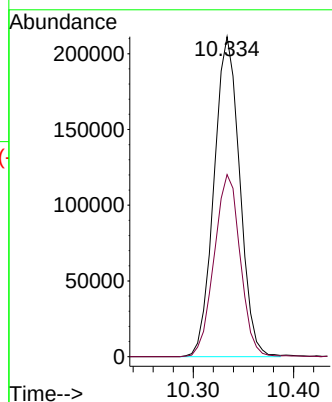
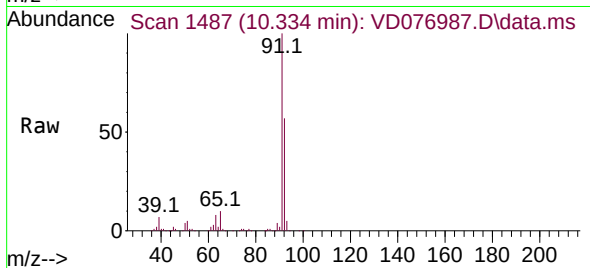
A4832MSD

Tgt Ion: 91 Resp: 376003

Ion Ratio Lower Upper

91 100

92 56.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.782 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076987.D

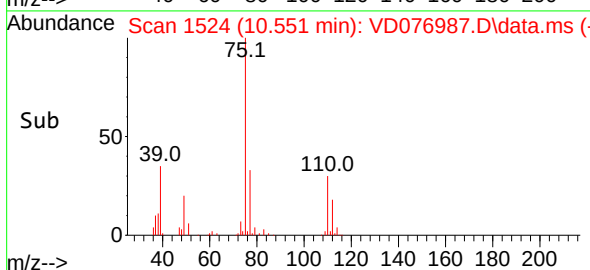
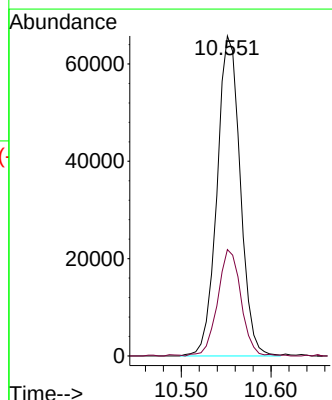
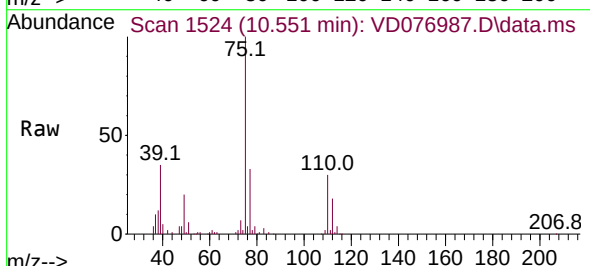
Acq: 11 Aug 2023 13:55

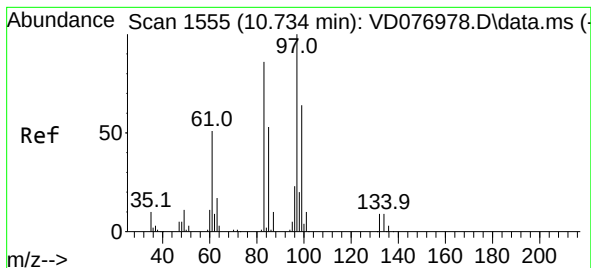
Tgt Ion: 75 Resp: 118229

Ion Ratio Lower Upper

75 100

77 33.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 29.290 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

Tgt Ion: 97 Resp: 84631

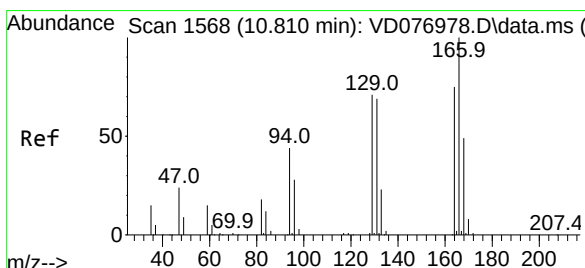
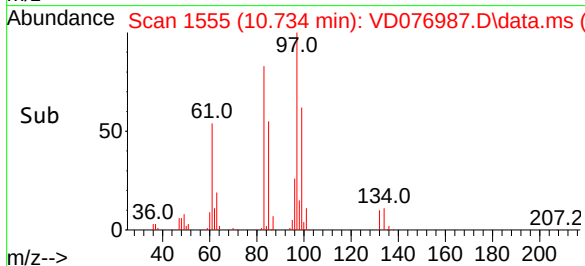
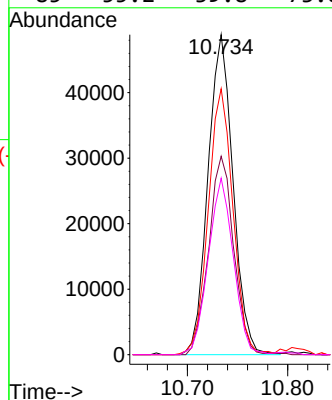
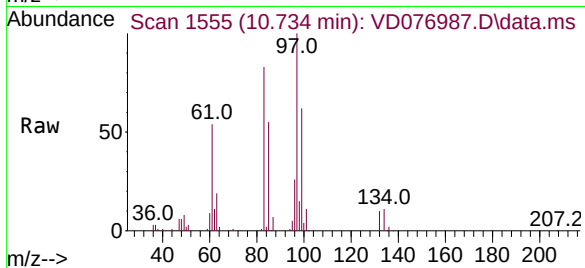
Ion Ratio Lower Upper

97 100

99 62.0 41.9 77.9

83 83.1 59.2 110.0

85 55.2 39.8 73.8



#46

Tetrachloroethene

Concen: 22.913 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Tgt Ion: 164 Resp: 57555

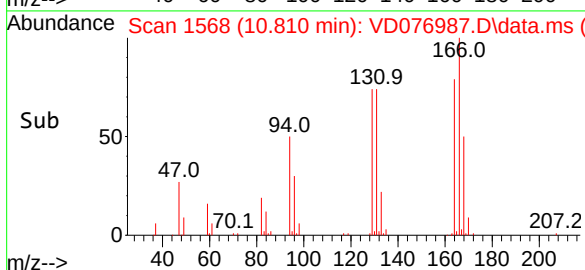
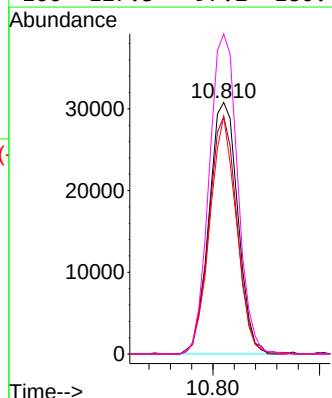
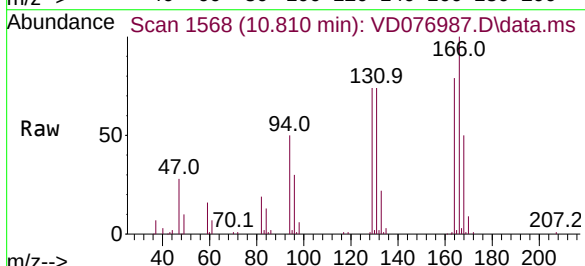
Ion Ratio Lower Upper

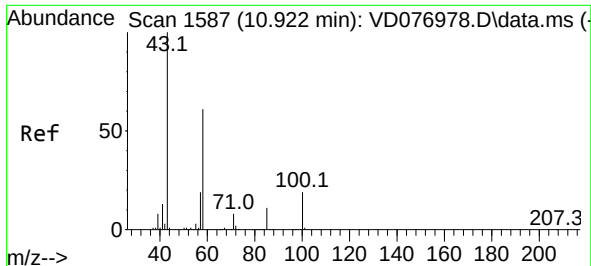
164 100

129 94.3 65.5 121.6

131 94.5 64.8 120.3

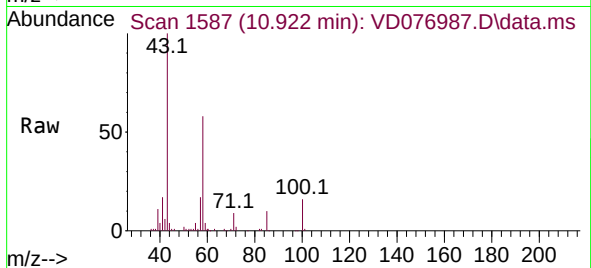
166 127.3 97.2 180.4



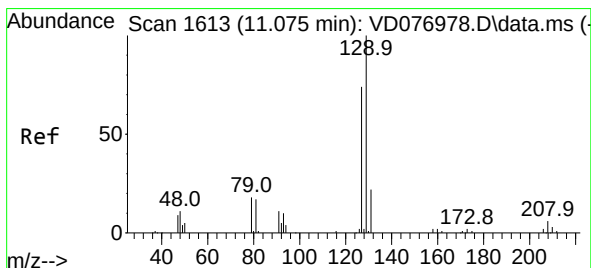
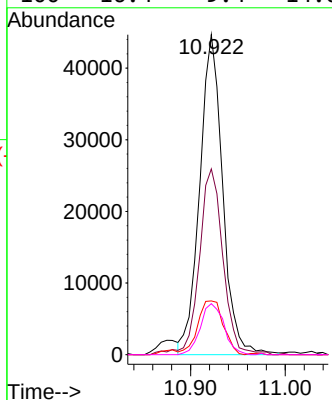
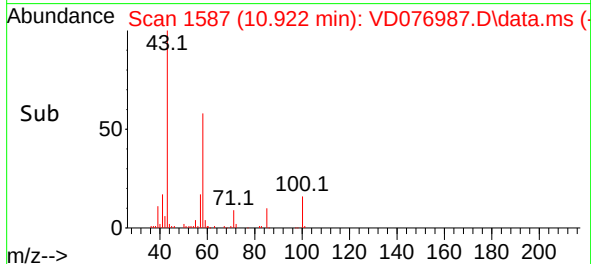


#48
2-Hexanone
Concen: 47.899 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

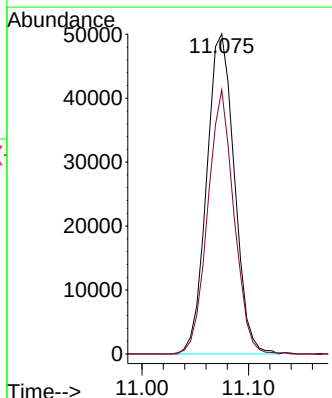
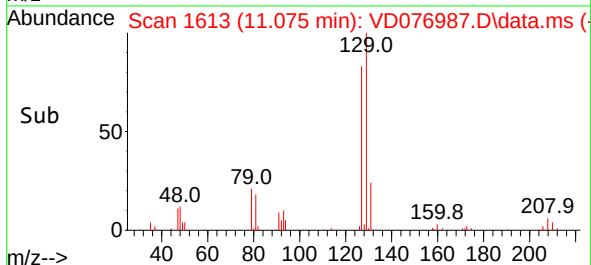
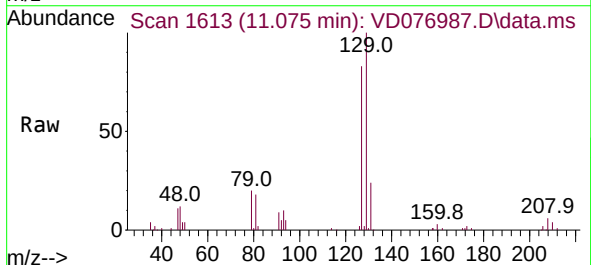


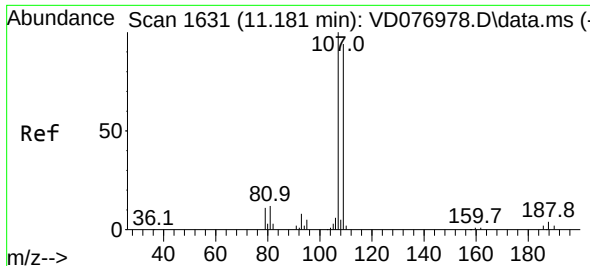
Tgt Ion: 43 Resp: 75453
Ion Ratio Lower Upper
43 100
58 58.3 42.9 64.3
57 18.8 13.7 20.5
100 16.4 9.4 14.0#



#49
Dibromochloromethane
Concen: 28.226 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 129 Resp: 90730
Ion Ratio Lower Upper
129 100
127 82.5 55.2 102.6

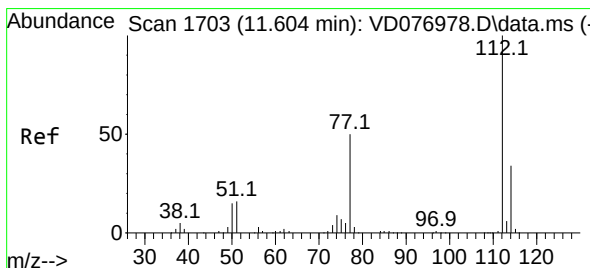
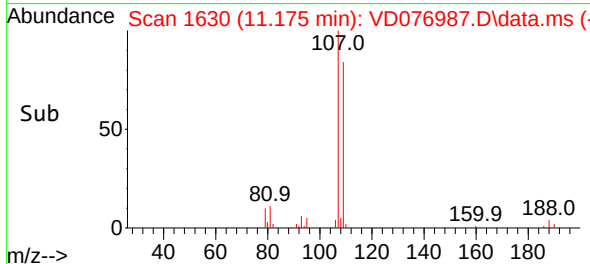
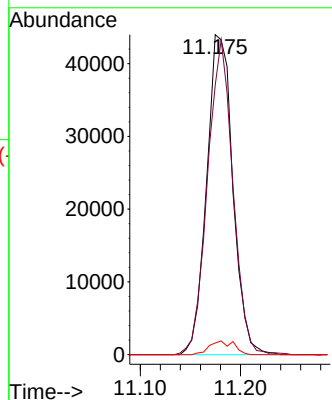
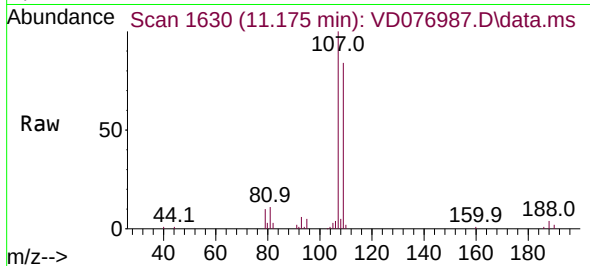




#50
1,2-Dibromoethane
Concen: 28.331 ug/L
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

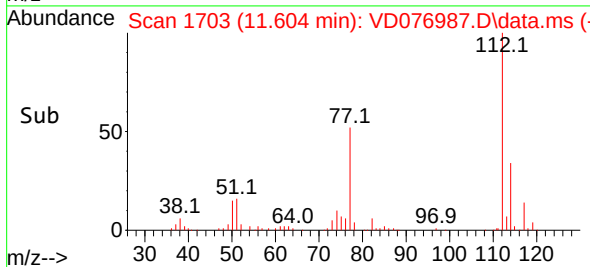
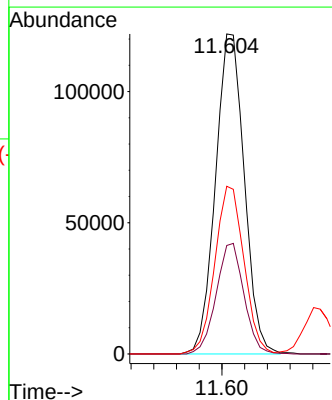
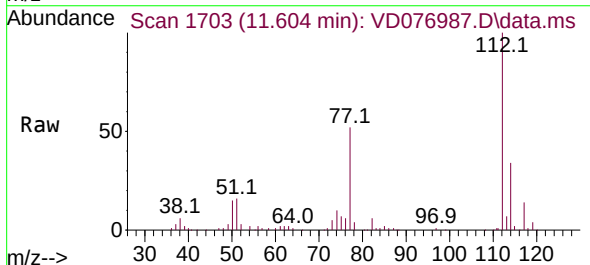
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

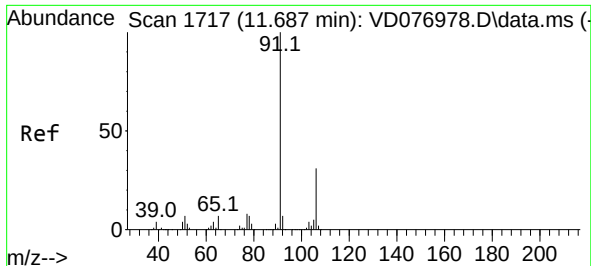
Tgt Ion:107	Resp:	79837
Ion Ratio	Lower	Upper
107	100	
109	84.2	58.8 109.2
188	3.6	2.9 4.3



#51
Chlorobenzene
Concen: 23.692 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion:112	Resp:	214812
Ion Ratio	Lower	Upper
112	100	
114	33.9	21.5 39.9
77	52.4	43.4 65.2

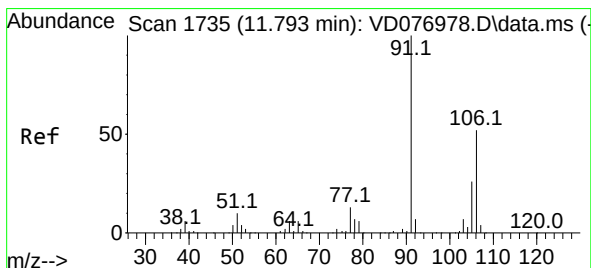
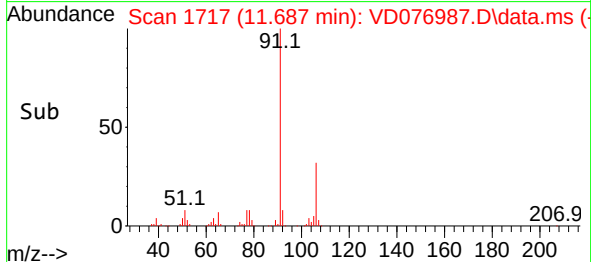
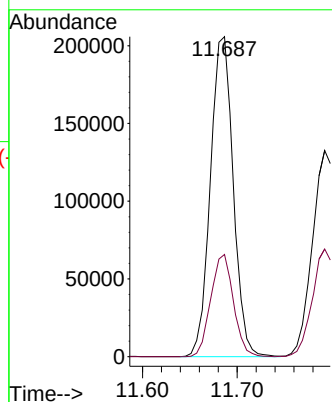
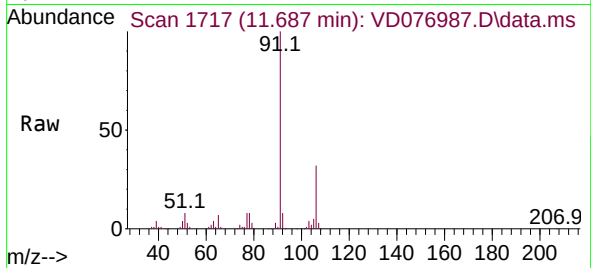




#52
Ethylbenzene
Concen: 23.309 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

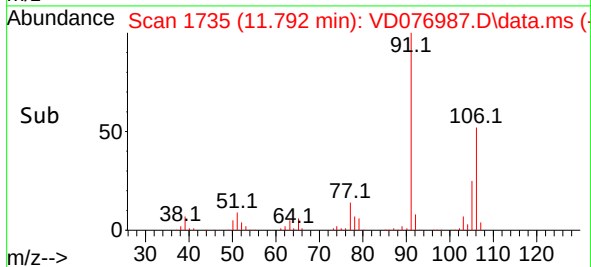
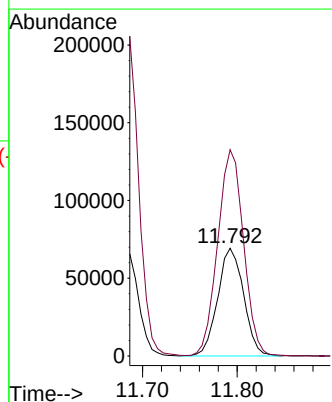
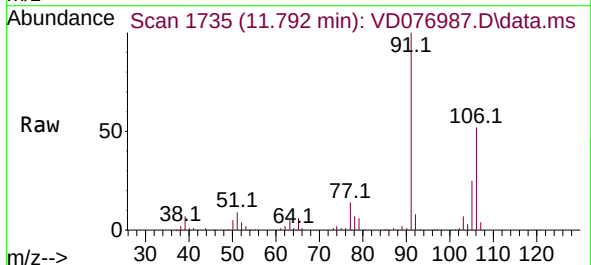
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

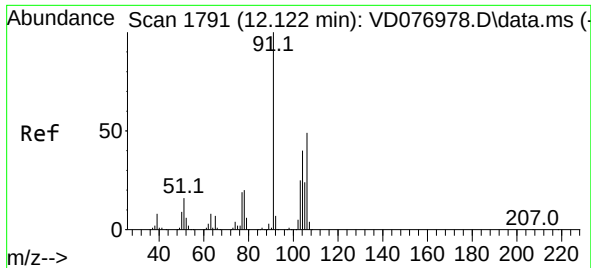
Tgt Ion: 91 Resp: 345652
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 23.058 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 106 Resp: 131938
Ion Ratio Lower Upper
106 100
91 191.4 141.5 262.9

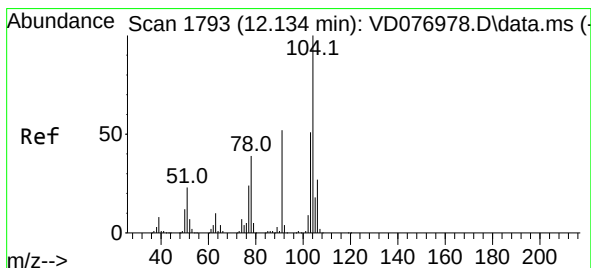
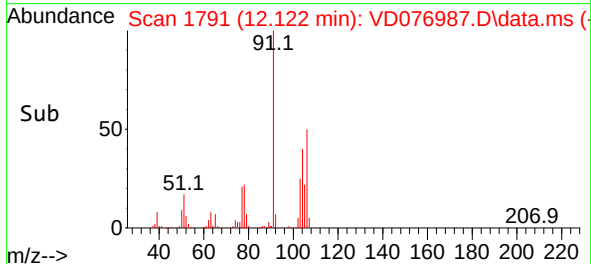
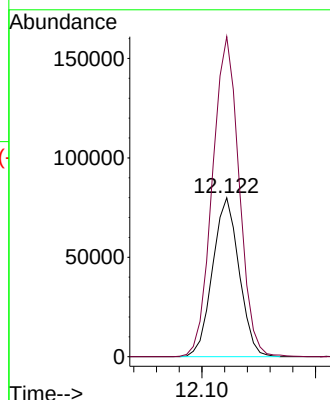
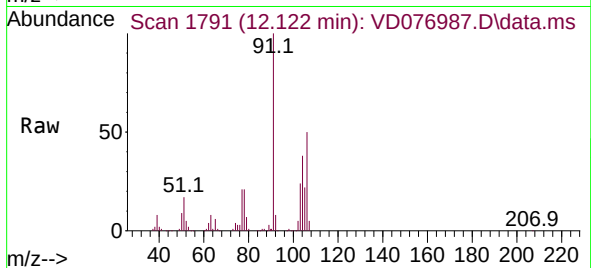




#54
o-Xylene
Concen: 23.564 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

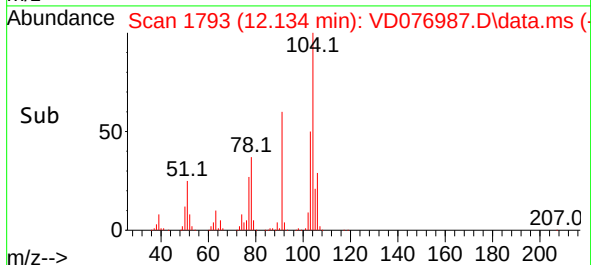
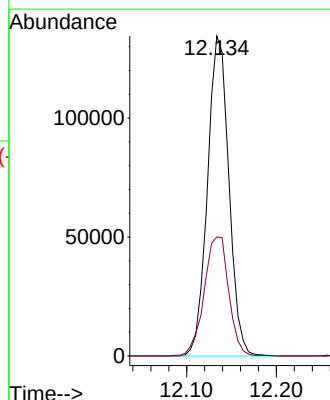
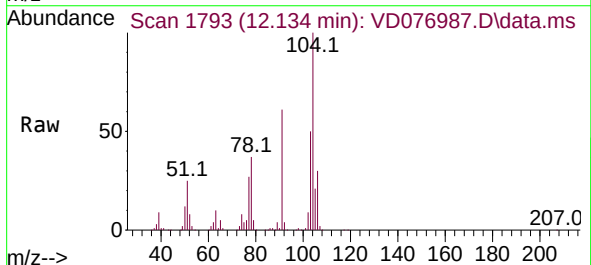
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

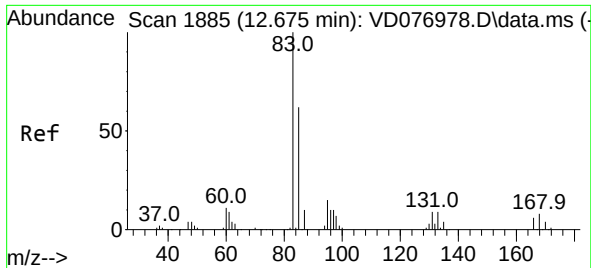
Tgt Ion:106 Resp: 129679
Ion Ratio Lower Upper
106 100
91 201.3 142.2 264.2



#55
Styrene
Concen: 22.370 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion:104 Resp: 222589
Ion Ratio Lower Upper
104 100
78 37.2 31.3 58.1

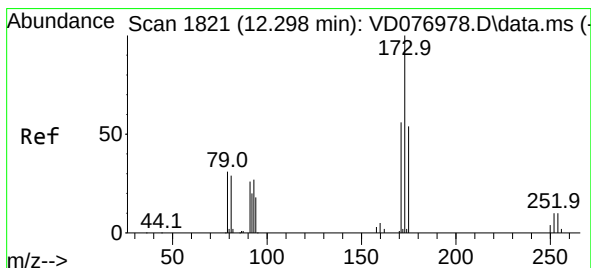
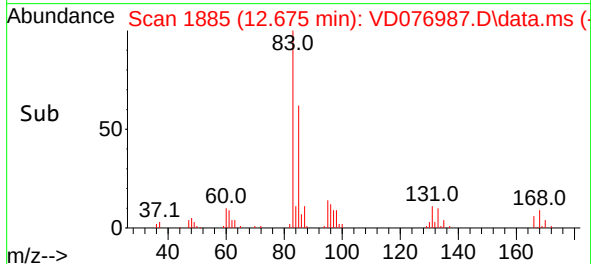
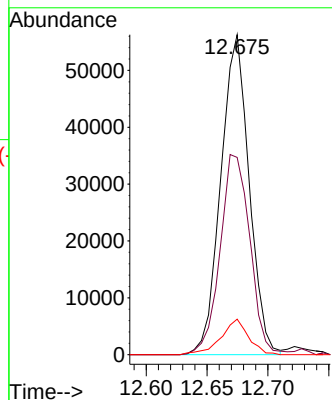
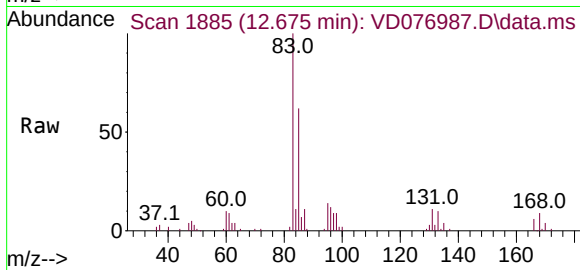




#57
1,1,2-Tetrachloroethane
Concen: 25.531 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

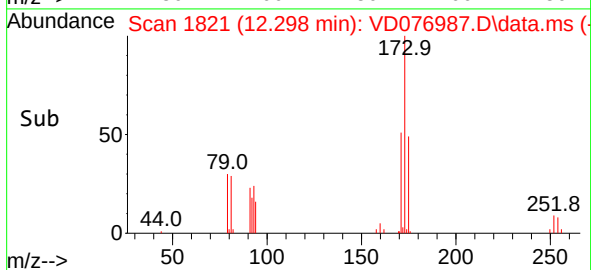
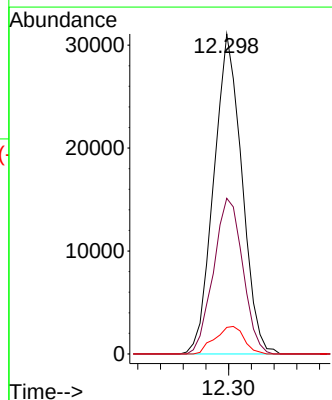
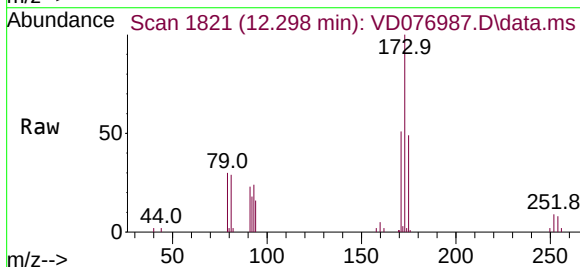
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

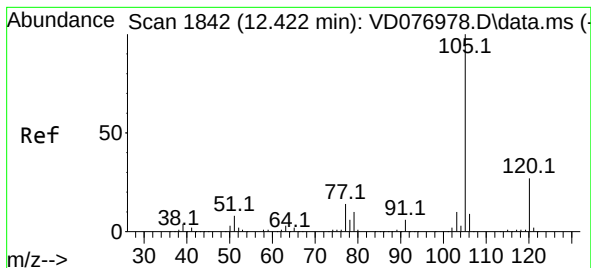
Tgt Ion: 83 Resp: 91239
Ion Ratio Lower Upper
83 100
85 61.7 46.3 86.1
131 11.1 7.0 10.4#



#59
Bromoform
Concen: 34.709 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 173 Resp: 53278
Ion Ratio Lower Upper
173 100
175 50.7 39.0 58.4
254 8.9 5.3 7.9#





#60

Isopropylbenzene

Concen: 25.181 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

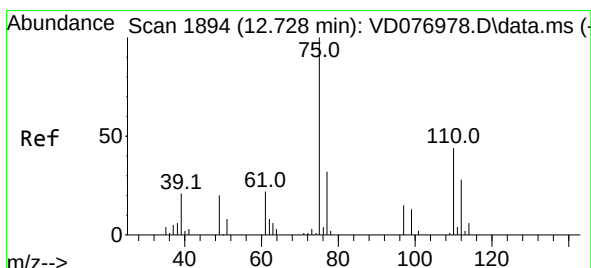
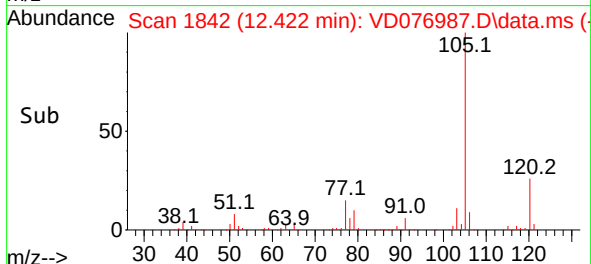
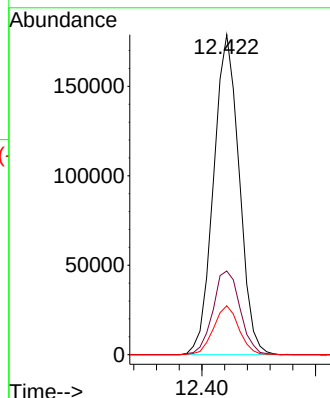
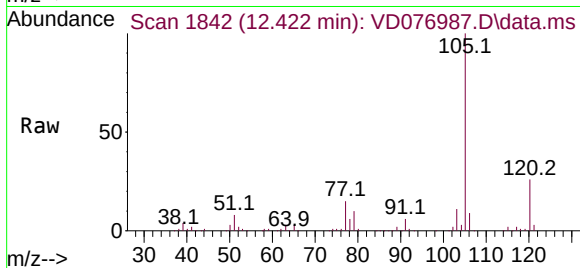
Tgt Ion:105 Resp: 280301

Ion Ratio Lower Upper

105 100

120 27.8 21.3 31.9

77 15.1 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 34.647 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

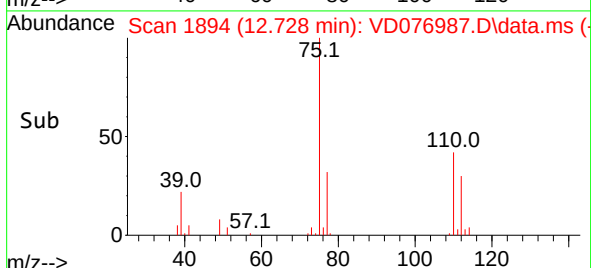
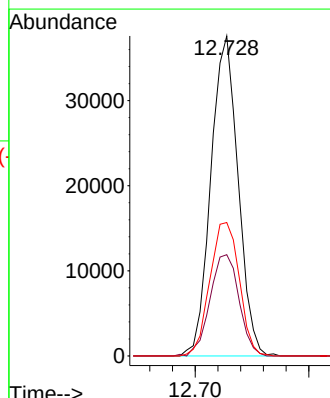
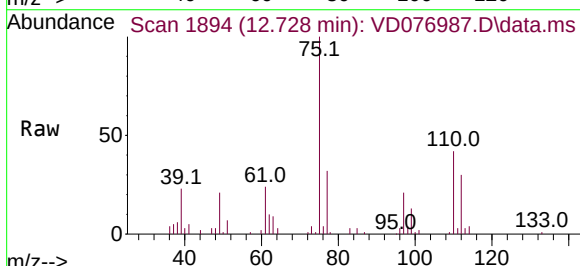
Tgt Ion: 75 Resp: 62587

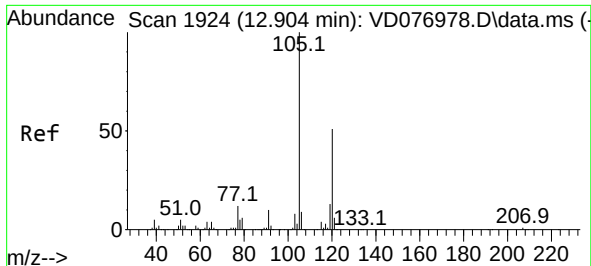
Ion Ratio Lower Upper

75 100

77 33.7 27.2 40.8

110 45.0 31.8 47.6

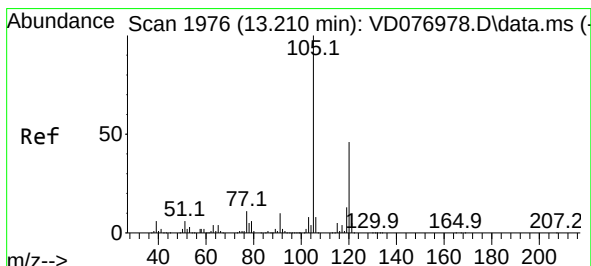
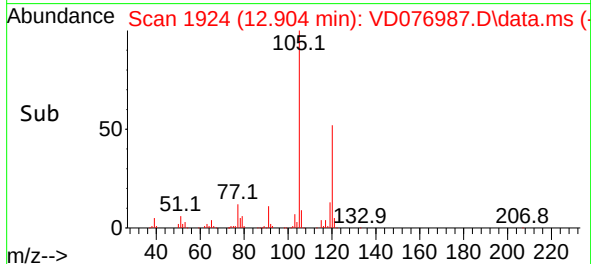
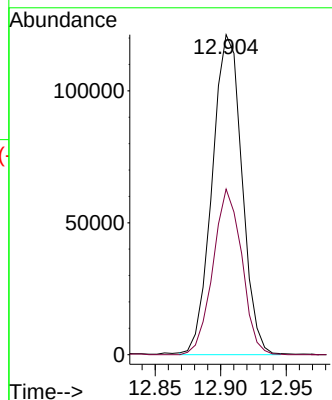
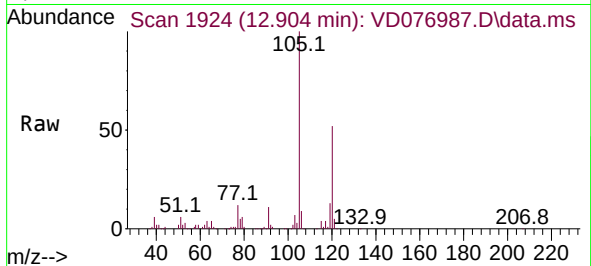




#62
1,3,5-Trimethylbenzene
Concen: 22.613 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

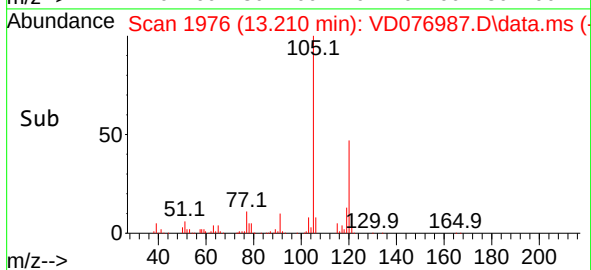
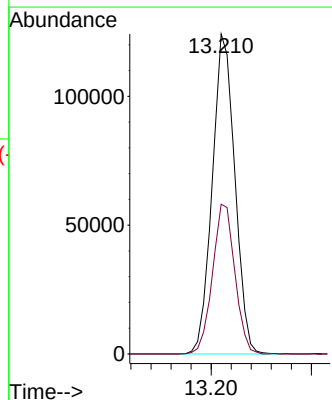
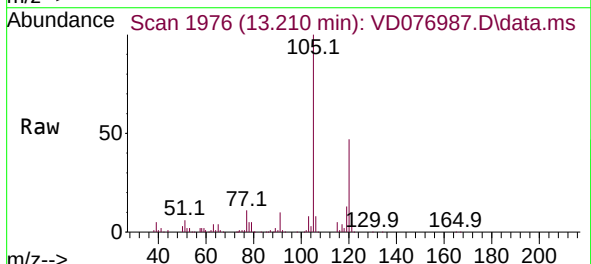
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

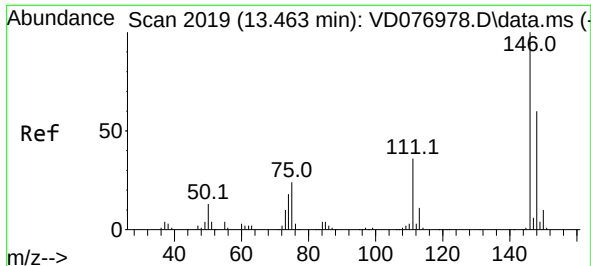
Tgt Ion:105 Resp: 191754
Ion Ratio Lower Upper
105 100
120 49.9 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 23.014 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion:105 Resp: 194216
Ion Ratio Lower Upper
105 100
120 46.3 37.5 56.3

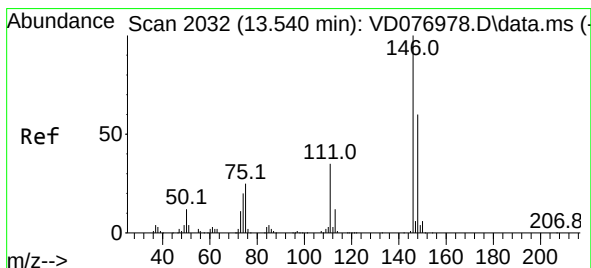
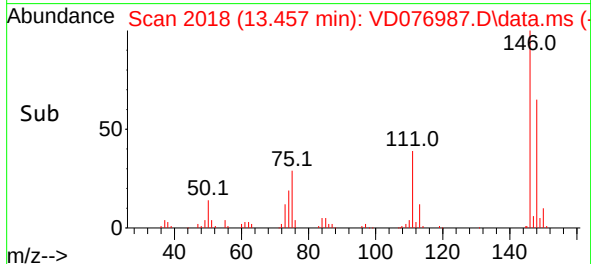
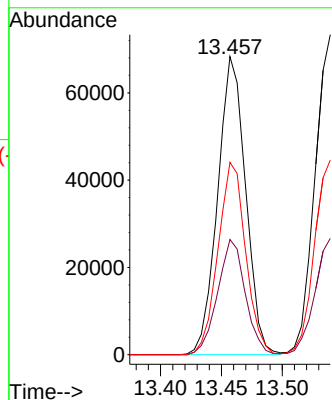
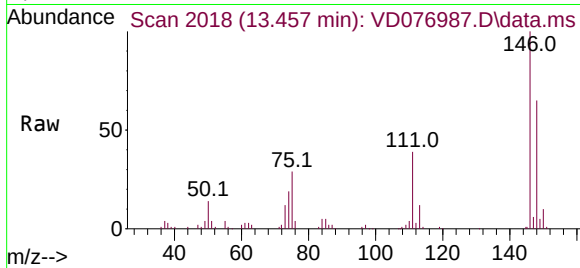




#64
1,3-Dichlorobenzene
Concen: 21.476 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

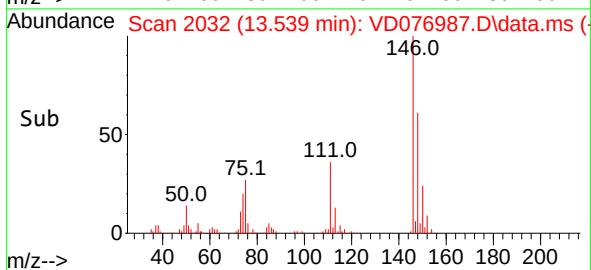
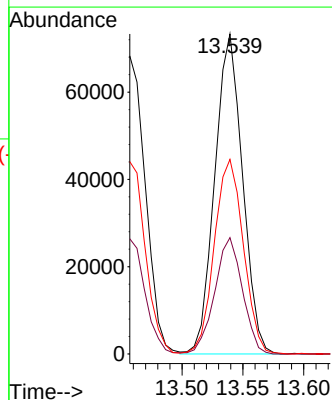
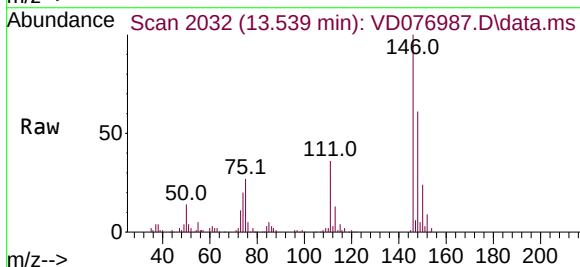
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

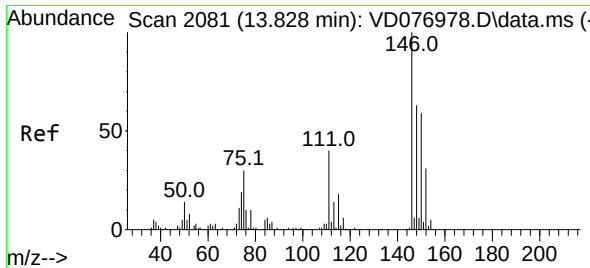
Tgt Ion:146 Resp: 109101
Ion Ratio Lower Upper
146 100
111 38.7 25.6 47.4
148 64.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 22.170 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion:146 Resp: 116416
Ion Ratio Lower Upper
146 100
111 36.4 25.7 47.7
148 60.8 45.4 84.2

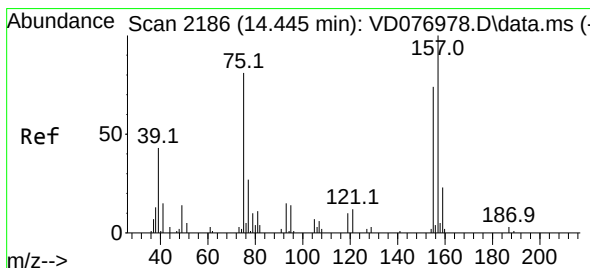
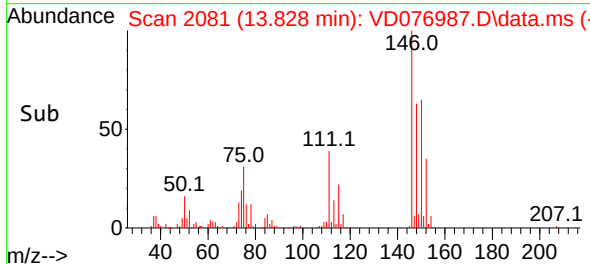
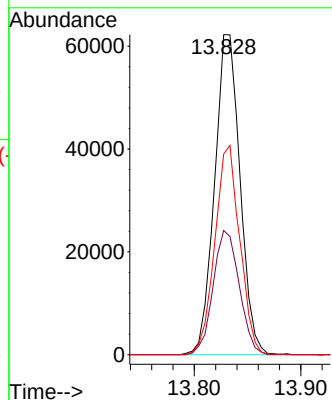
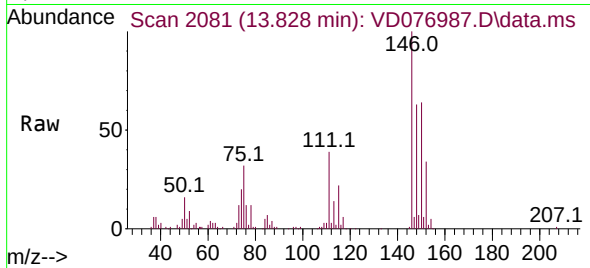




#67
1,2-Dichlorobenzene
Concen: 21.706 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

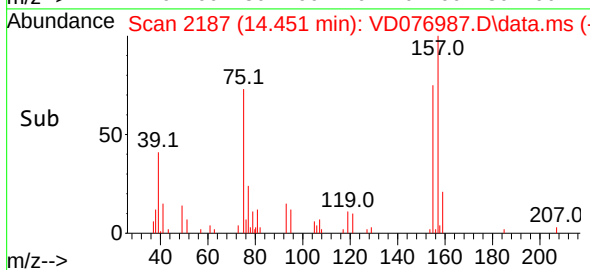
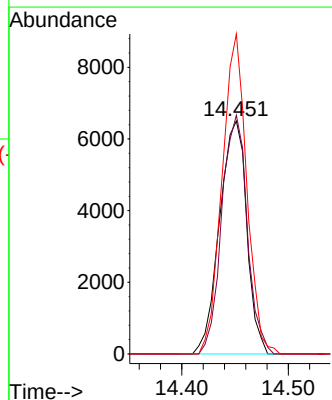
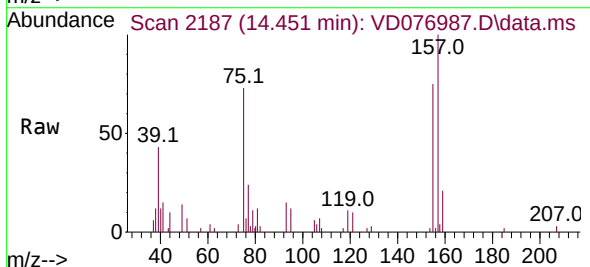
Instrument :
MSVOA_D
ClientSampleId :
A4832MSD

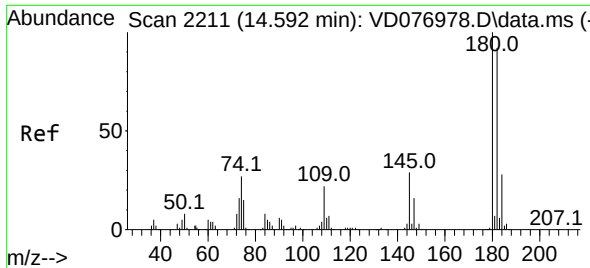
Tgt Ion:146 Resp: 103375
Ion Ratio Lower Upper
146 100
111 38.8 31.3 46.9
148 62.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 27.779 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076987.D
Acq: 11 Aug 2023 13:55

Tgt Ion: 75 Resp: 11498
Ion Ratio Lower Upper
75 100
155 102.4 76.2 114.4
157 137.3 89.4 134.2#

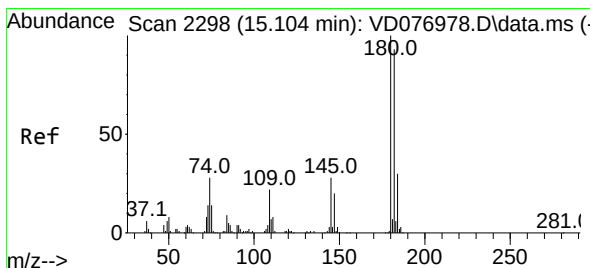
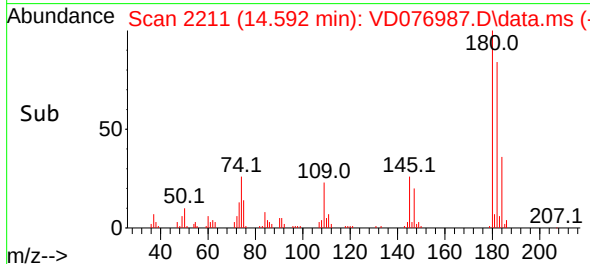
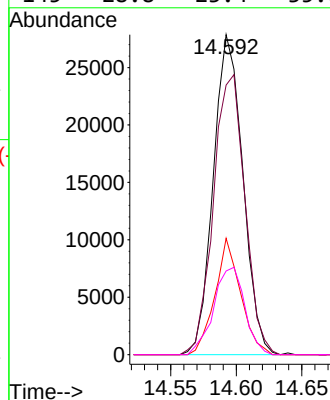
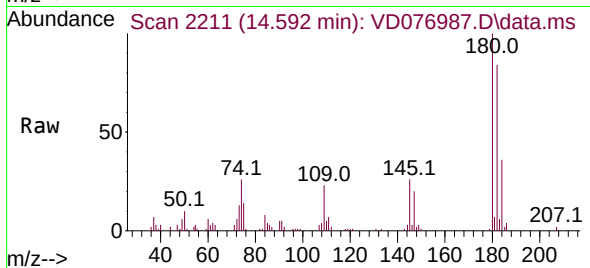




#69
 1,3,5-Trichlorobenzene
 Concen: 13.728 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

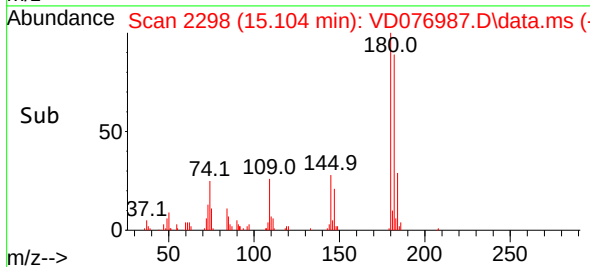
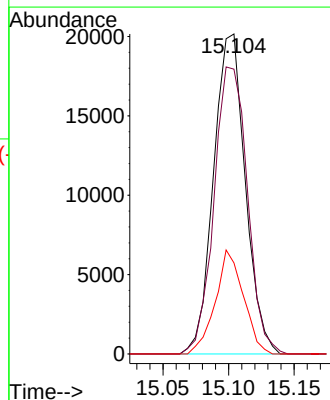
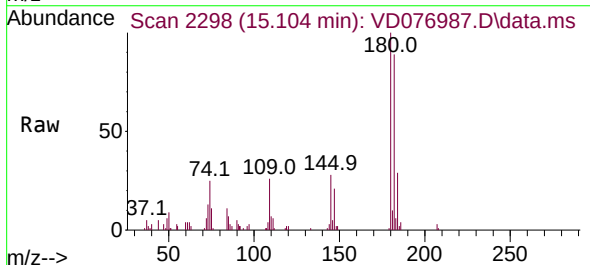
Instrument :
 MSVOA_D
 ClientSampleId :
 A4832MSD

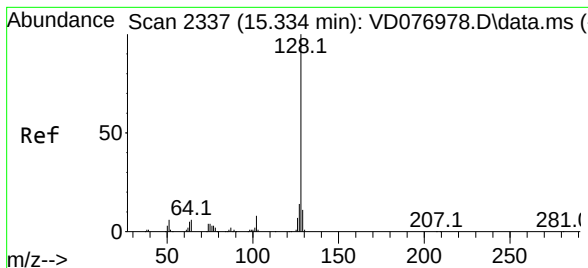
Tgt Ion:	180	Resp:	43642
Ion Ratio	Lower	Upper	
180	100		
182	93.1	77.1	115.7
184	31.6	25.0	37.4
145	28.8	23.4	35.0



#70
 1,2,4-trichlorobenzene
 Concen: 12.158 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD076987.D
 Acq: 11 Aug 2023 13:55

Tgt Ion:	180	Resp:	33999
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.9	115.3
145	28.7	23.5	35.3





#71

Naphthalene

Concen: 14.939 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Instrument :

MSVOA_D

ClientSampleId :

A4832MSD

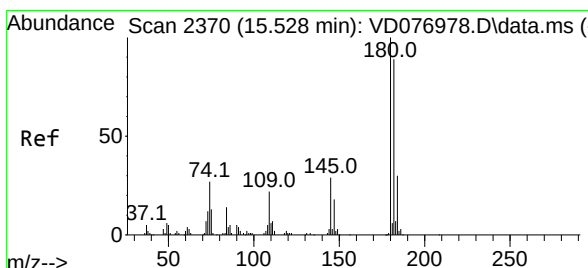
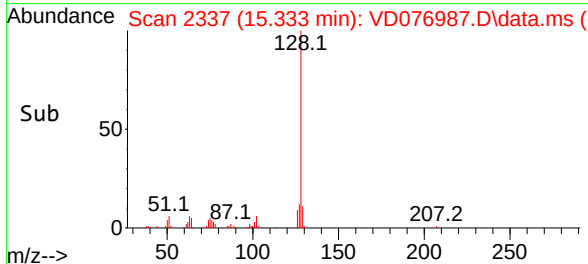
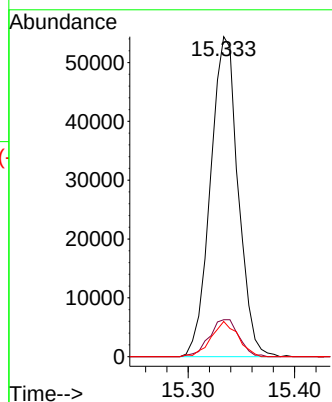
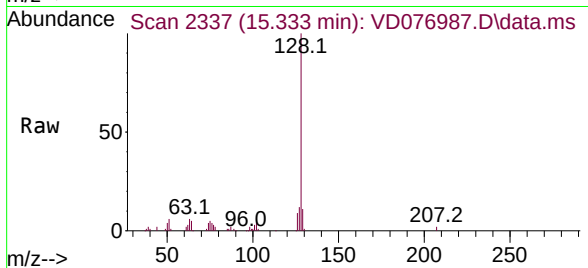
Tgt Ion:128 Resp: 98230

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 10.970 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD076987.D

Acq: 11 Aug 2023 13:55

Tgt Ion:180 Resp: 27822

Ion Ratio Lower Upper

180 100

182 94.9 74.3 111.5

145 32.8 25.0 37.6

