

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056245.D
 Acq On : 12 Nov 2023 03:22
 Operator : MD/SY
 Sample : 05371-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	372133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84450	3.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.911	69	72300	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	39927	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.621	46	266321	67.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.780%#
24) Chloroform-d	5.055	84	226243	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	104801	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	426495	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	130841	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	377645	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	49133	4.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	246010	74.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.260%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	111923	5.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	145703	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153857	4.710	ug/L	99
3) Chloromethane	1.518	50	148760	4.861	ug/L	96
5) Vinyl chloride	1.602	62	148899	4.703	ug/L	97
6) Bromomethane	1.853	94	72565	3.991	ug/L	99
8) Chloroethane	1.930	64	85561	4.984	ug/L	98
9) Trichlorofluoromethane	2.136	101	218083	5.208	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	137227	5.144	ug/L	98
12) 1,1-Dichloroethene	2.576	96	124576	5.032	ug/L	95
13) Acetone	2.628	43	175612	60.705	ug/L	98
14) Carbon disulfide	2.788	76	387851	4.597	ug/L	99
15) Methyl Acetate	2.949	43	31390	3.846	ug/L	98
16) Methylene chloride	3.042	84	132096	4.653	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	273113	4.896	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	127948	4.877	ug/L	98
19) 1,1-Dichloroethane	3.862	63	235389	4.919	ug/L	97
21) 2-Butanone	4.698	43	254480	53.341	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	141774	5.006	ug/L	99
23) Bromochloromethane	4.971	128	61817	4.919	ug/L	94
25) Chloroform	5.081	83	249679	4.896	ug/L	97

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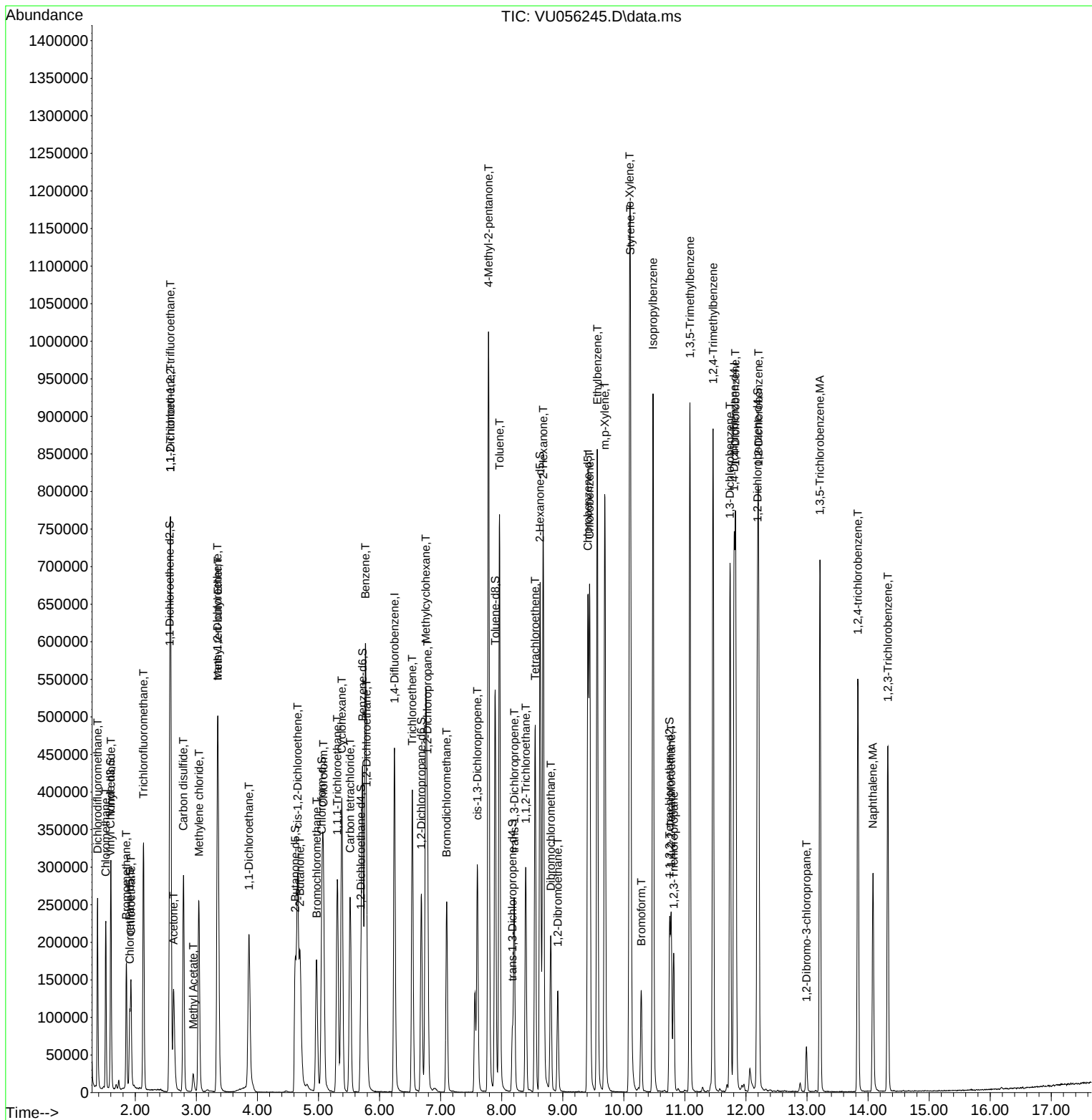
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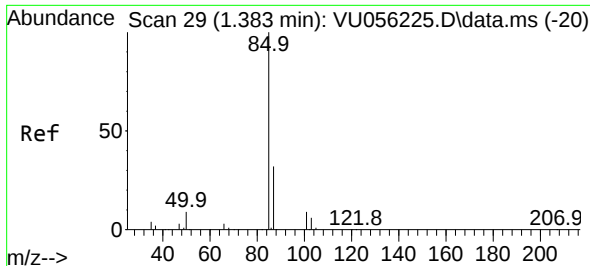
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	134396	4.656	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	213600	5.010	ug/L	100
30) Cyclohexane	5.383	56	197988	4.971	ug/L	99
31) Carbon tetrachloride	5.518	117	189324	5.001	ug/L	98
33) Benzene	5.769	78	547508	5.138	ug/L	100
34) Trichloroethene	6.537	95	144713	4.972	ug/L	97
35) Methylcyclohexane	6.759	83	211591	4.891	ug/L	99
37) 1,2-Dichloropropane	6.785	63	137046	4.946	ug/L	100
38) Bromodichloromethane	7.100	83	170493	4.927	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193518	4.948	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	626444	51.685	ug/L	99
42) Toluene	7.965	91	587248	5.228	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	154669	4.885	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	97303	5.137	ug/L	98
47) Tetrachloroethene	8.550	164	112627	5.156	ug/L	96
48) 2-Hexanone	8.679	43	461267	52.270	ug/L	98
49) Dibromochloromethane	8.804	129	107081	4.926	ug/L	99
50) 1,2-Dibromoethane	8.920	107	89418	5.052	ug/L	99
51) Chlorobenzene	9.441	112	366407	5.056	ug/L	99
52) Ethylbenzene	9.566	91	635353	5.190	ug/L	100
53) m,p-Xylene	9.688	106	244012	5.241	ug/L	98
54) o-Xylene	10.097	106	233425	5.230	ug/L	97
55) Styrene	10.110	104	393148	5.385	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	115792	5.202	ug/L	97
59) Bromoform	10.286	173	64201	4.795	ug/L	99
60) Isopropylbenzene	10.479	105	627064	5.017	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	79832	4.798	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	505849	4.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	504667	5.076	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	299500	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	292675	5.000	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	270060	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16044	4.571	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	223356	5.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	174400	4.958	ug/L	99
71) Naphthalene	14.080	128	247971	4.753	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	147971	4.798	ug/L	99

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

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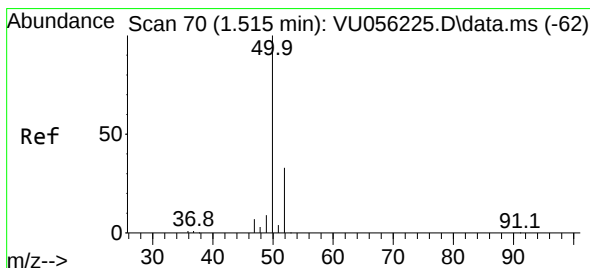
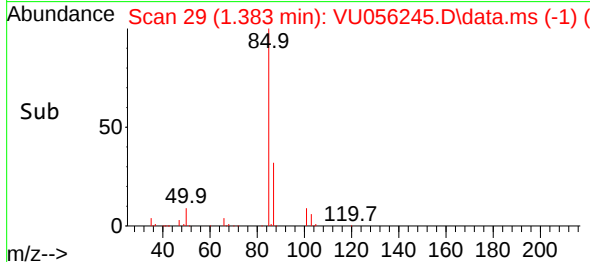
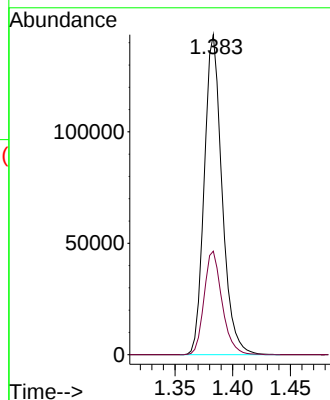
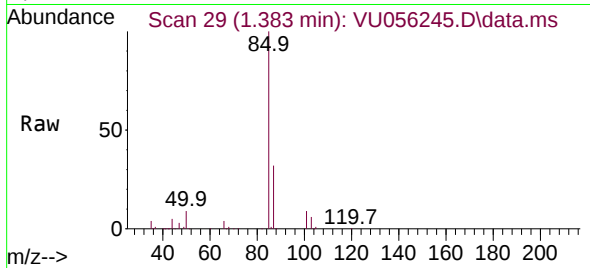




#2
 Dichlorodifluoromethane
 Concen: 4.710 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

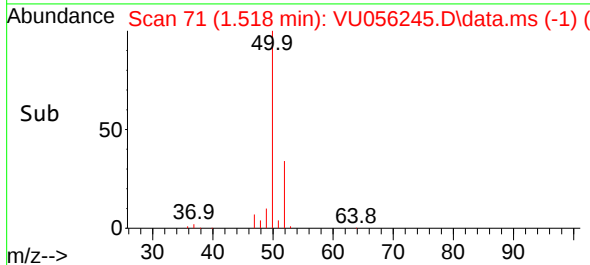
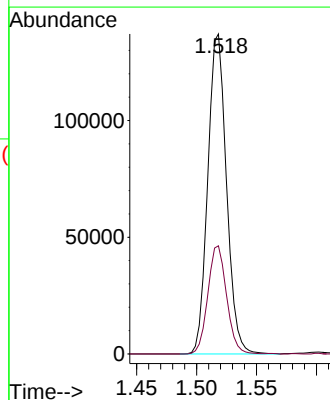
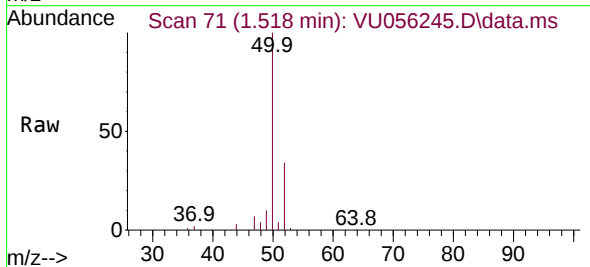
Instrument :
 MSVOA_U
 ClientSampleId :

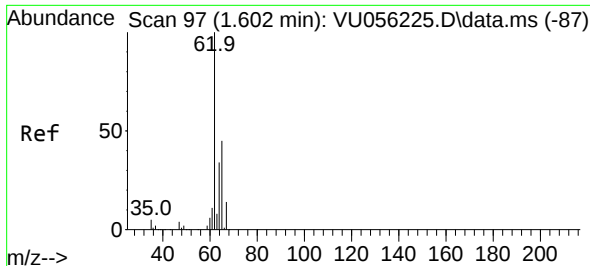
Tgt Ion: 85 Resp: 153857
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.4 39.6



#3
 Chloromethane
 Concen: 4.861 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

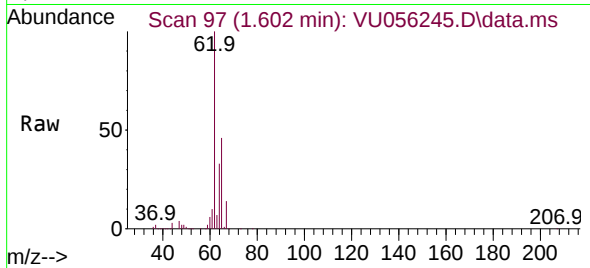
Tgt Ion: 50 Resp: 148760
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.2 41.2



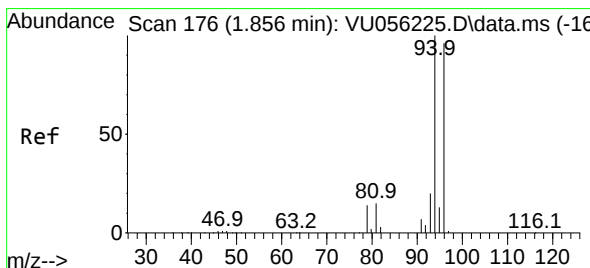
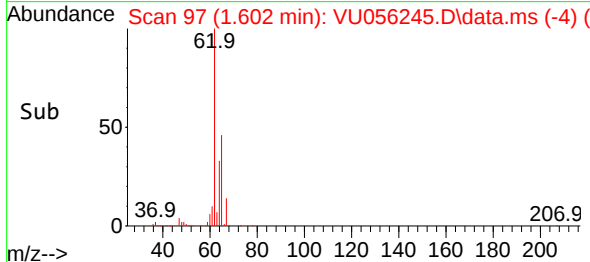
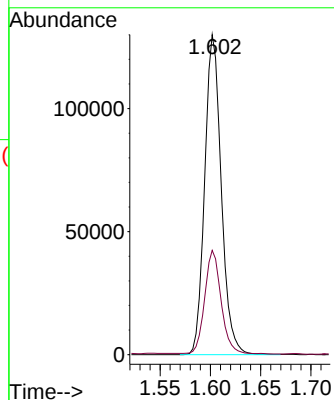


#5
 Vinyl chloride
 Concen: 4.703 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

Instrument :
 MSVOA_U
 ClientSampleId :

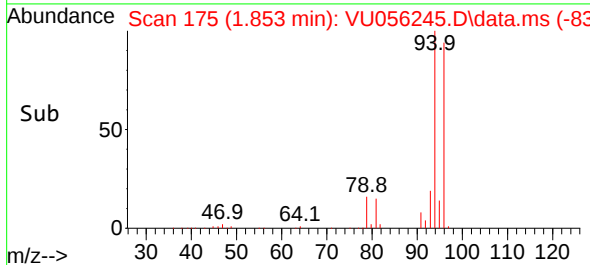
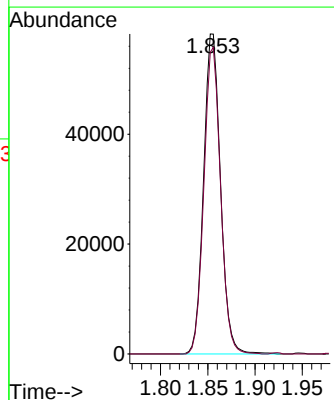
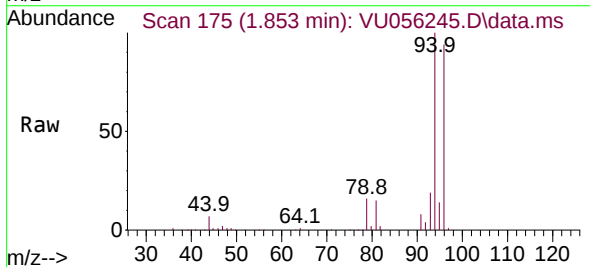


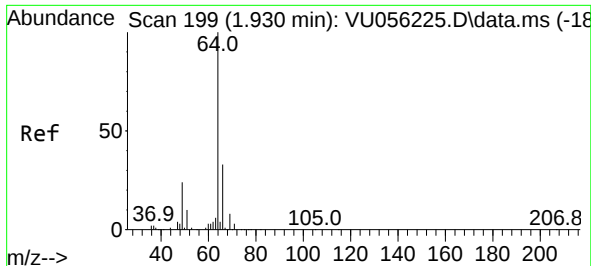
Tgt Ion: 62 Resp: 148899
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.1 44.7



#6
 Bromomethane
 Concen: 3.991 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

Tgt Ion: 94 Resp: 72565
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.6 121.8

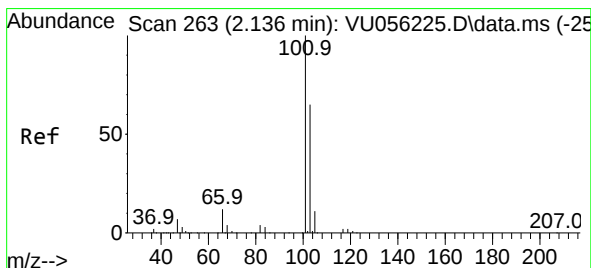
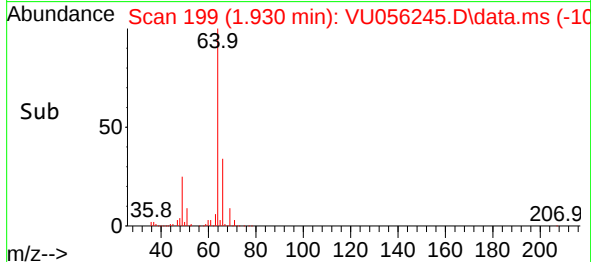
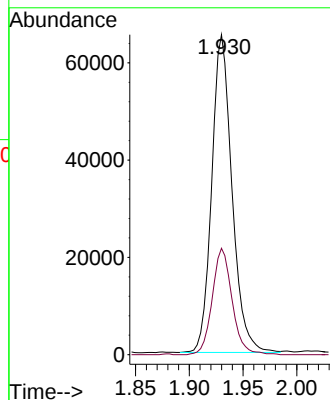
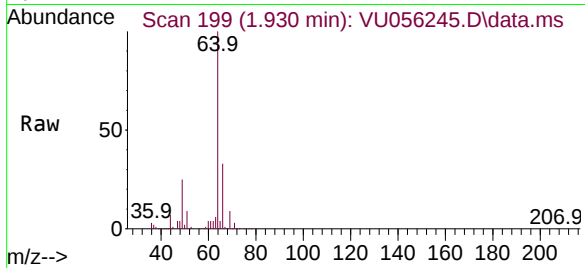




#8
Chloroethane
Concen: 4.984 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

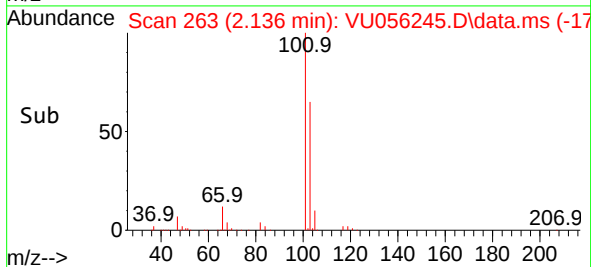
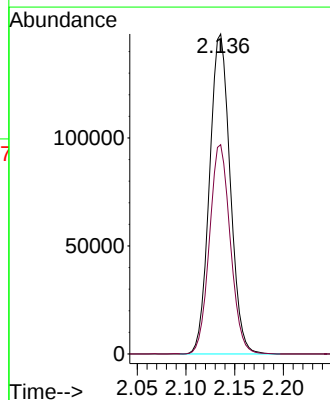
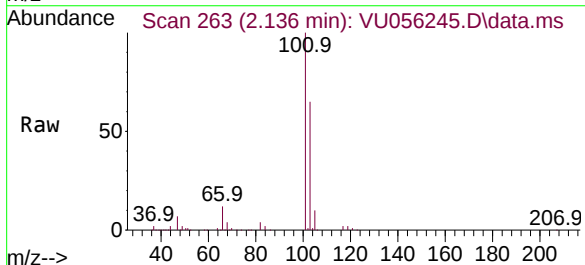
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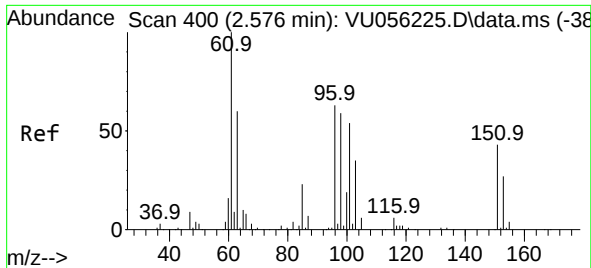
Tgt Ion: 64 Resp: 85561
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.208 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion:101 Resp: 218083
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6

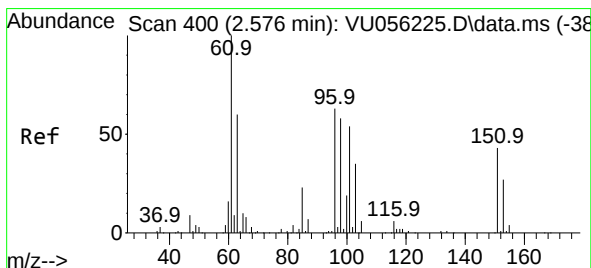
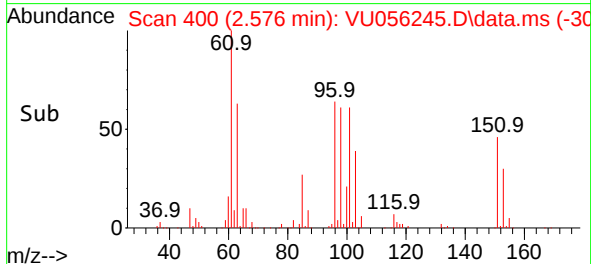
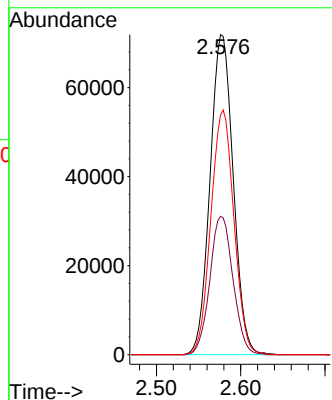
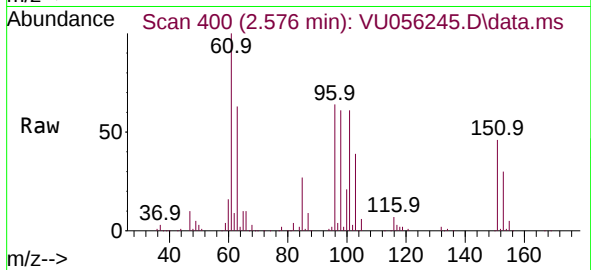




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.144 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

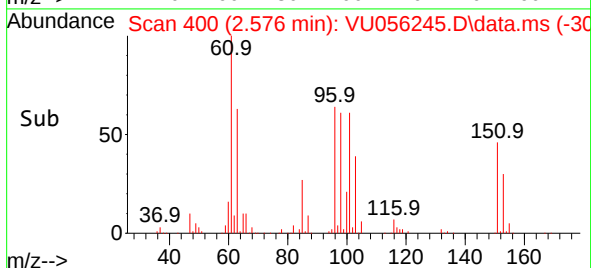
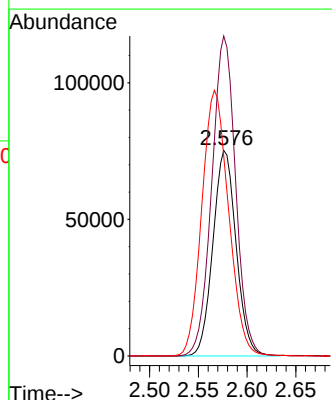
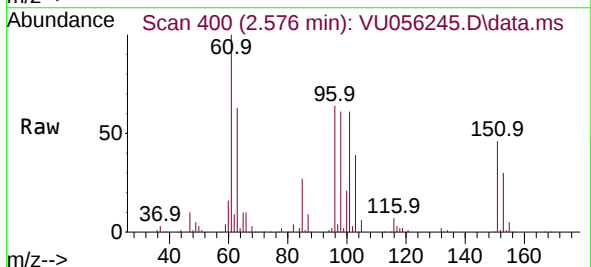
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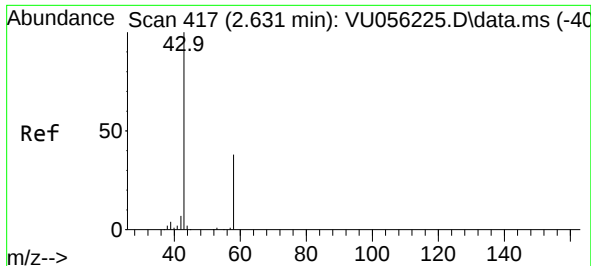
Tgt Ion:101 Resp: 137227
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.2 51.4
 151 76.2 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 5.032 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

Tgt Ion: 96 Resp: 124576
 Ion Ratio Lower Upper
 96 100
 61 155.6 111.7 207.5
 63 97.4 74.5 138.3





#13

Acetone

Concen: 60.705 ug/L

RT: 2.628 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

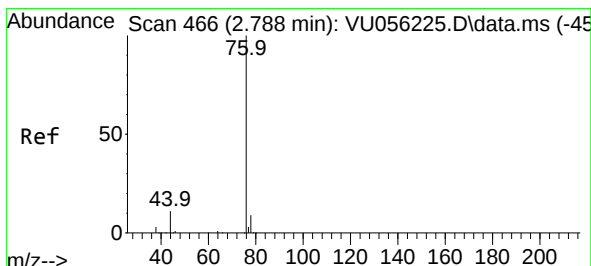
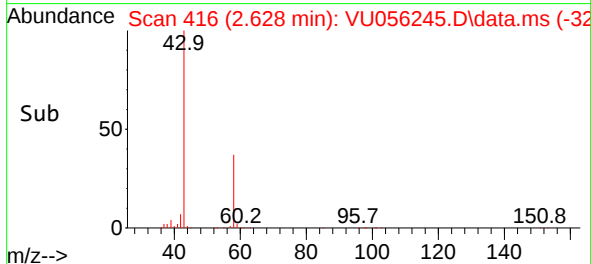
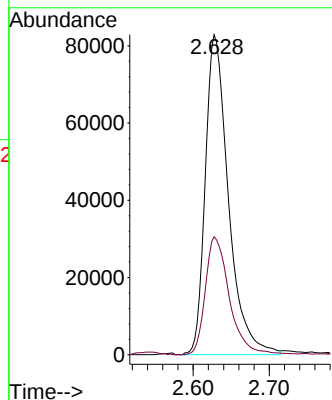
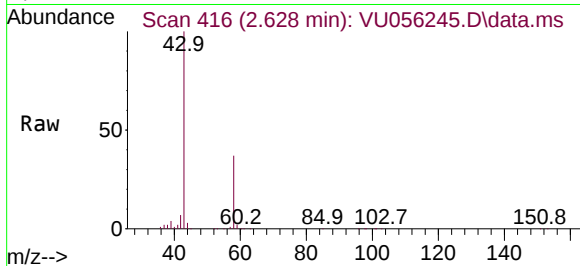
ClientSampleId :

Tgt Ion: 43 Resp: 175612

Ion Ratio Lower Upper

43 100

58 38.3 0.0 74.4



#14

Carbon disulfide

Concen: 4.597 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056245.D

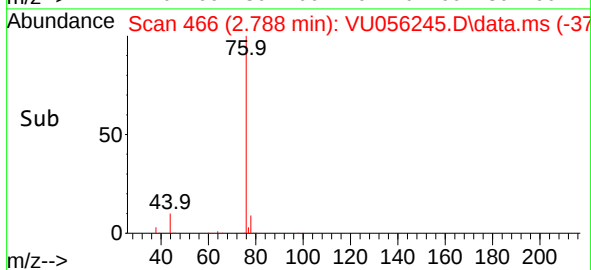
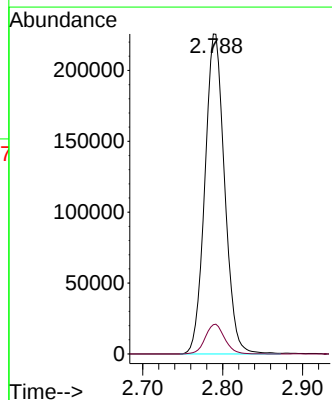
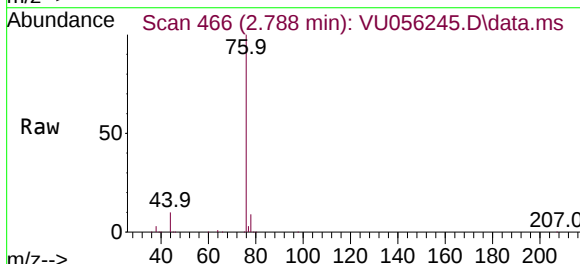
Acq: 12 Nov 2023 03:22

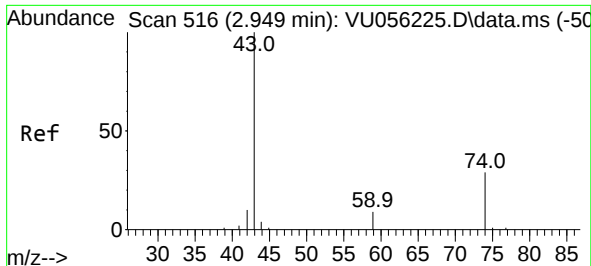
Tgt Ion: 76 Resp: 387851

Ion Ratio Lower Upper

76 100

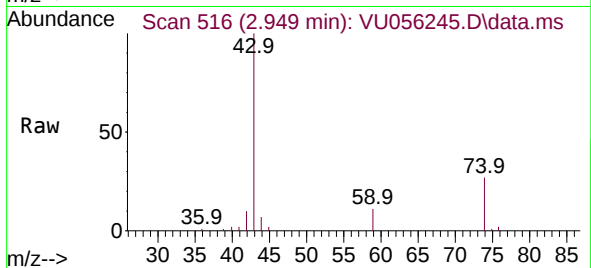
78 9.2 7.0 10.6



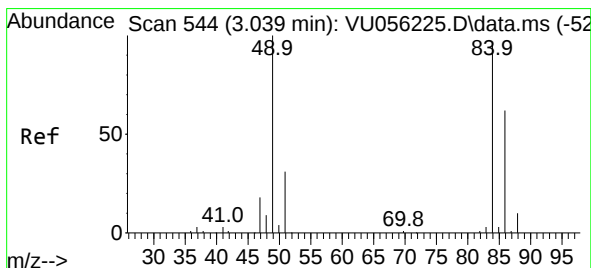
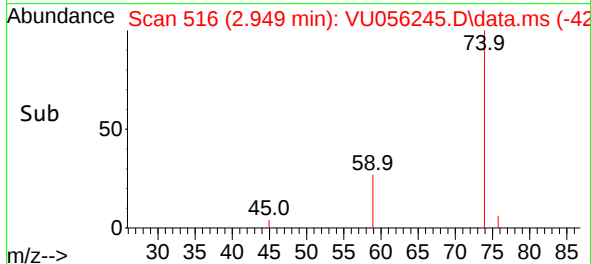
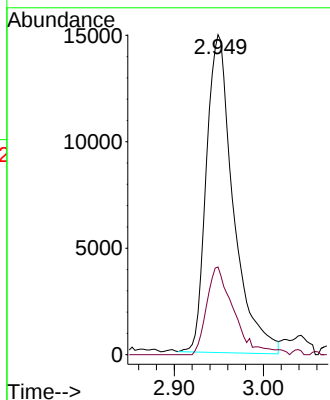


#15
Methyl Acetate
Concen: 3.846 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Instrument :
MSVOA_U
ClientSampleId :

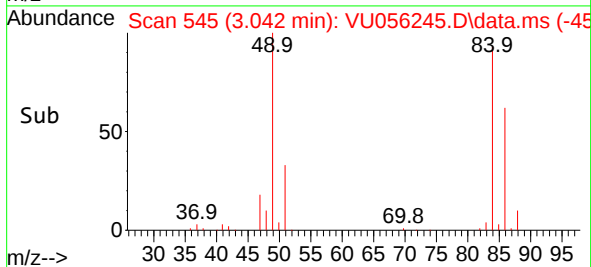
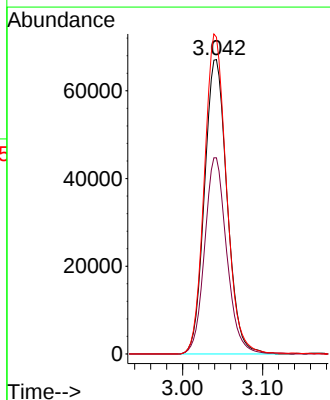
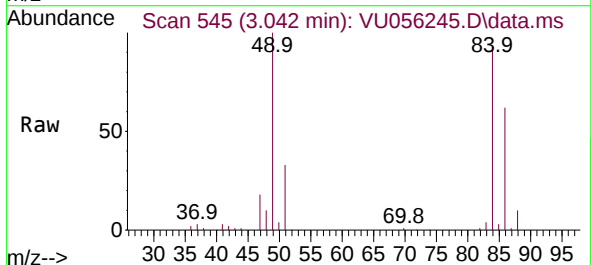


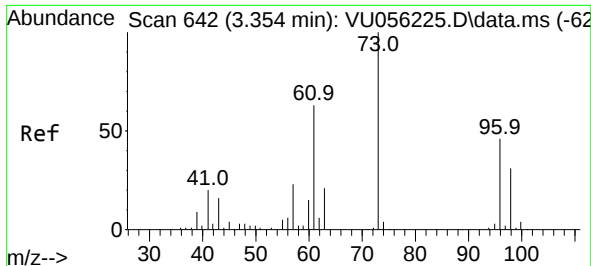
Tgt Ion: 43 Resp: 31390
Ion Ratio Lower Upper
43 100
74 28.0 23.3 34.9



#16
Methylene chloride
Concen: 4.653 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion: 84 Resp: 132096
Ion Ratio Lower Upper
84 100
86 66.6 44.9 83.5
49 107.6 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 4.896 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

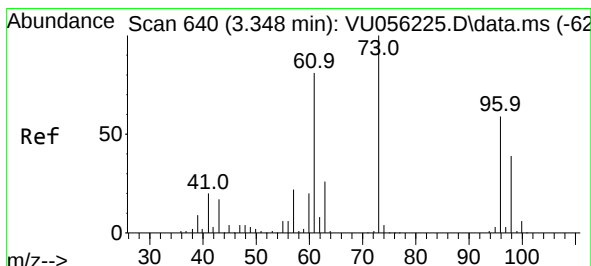
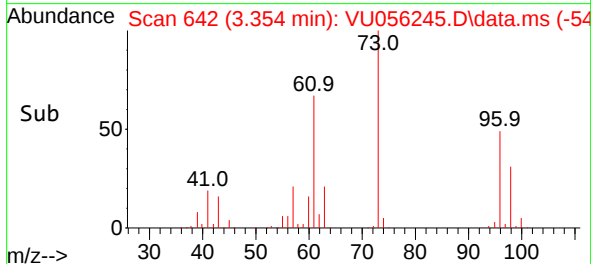
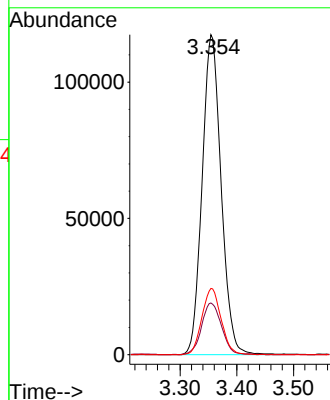
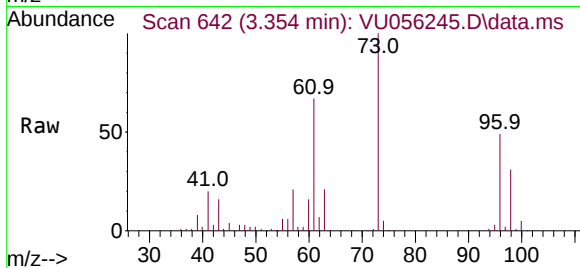
Tgt Ion: 73 Resp: 273113

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 20.9 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 4.877 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

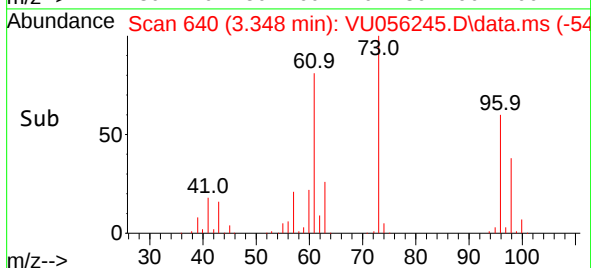
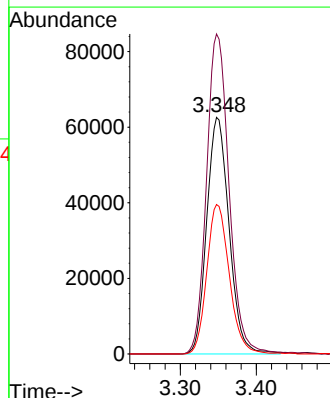
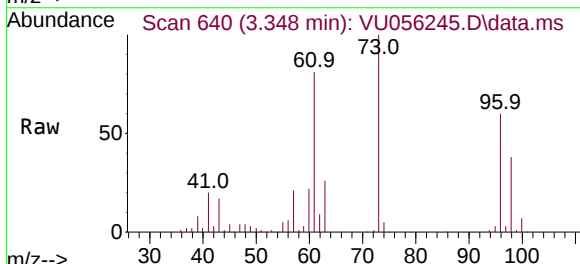
Tgt Ion: 96 Resp: 127948

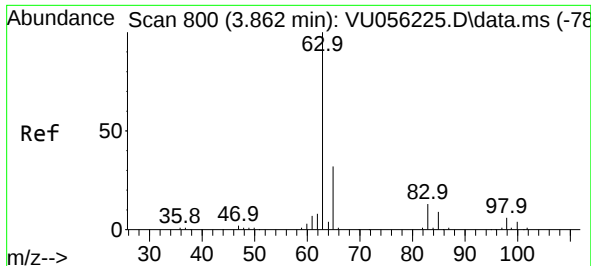
Ion Ratio Lower Upper

96 100

61 135.2 96.7 179.5

98 63.1 44.3 82.3





#19

1,1-Dichloroethane

Concen: 4.919 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

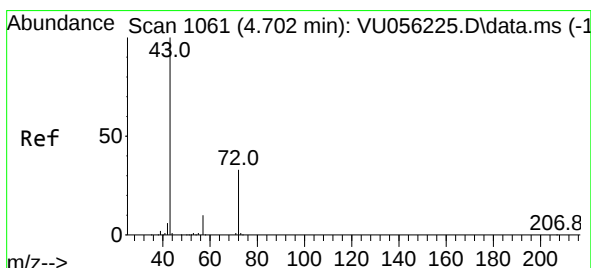
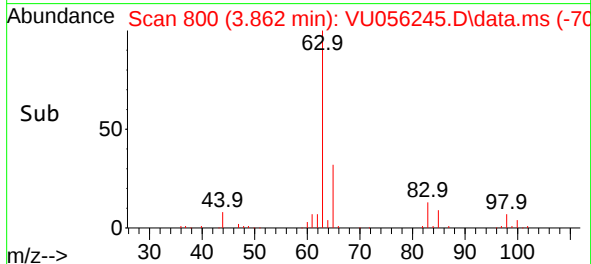
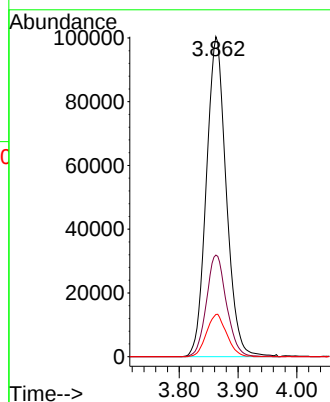
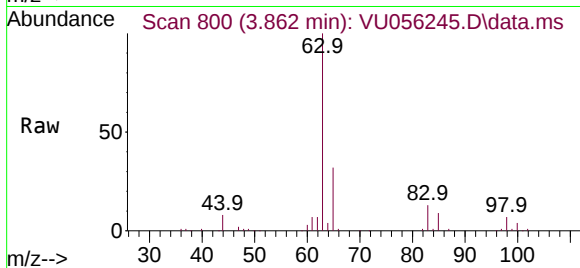
Tgt Ion: 63 Resp: 235389

Ion Ratio Lower Upper

63 100

65 31.7 20.6 38.2

83 13.2 9.6 17.8



#21

2-Butanone

Concen: 53.341 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU056245.D

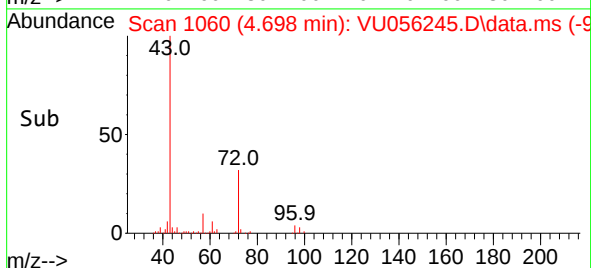
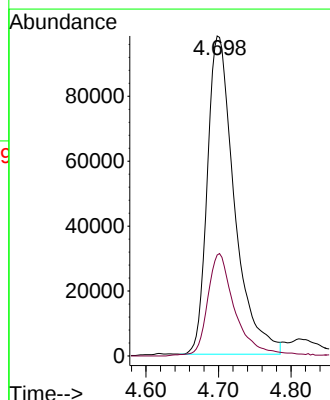
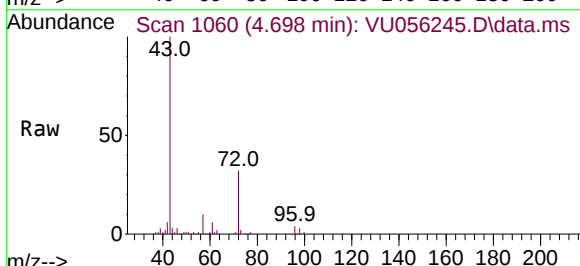
Acq: 12 Nov 2023 03:22

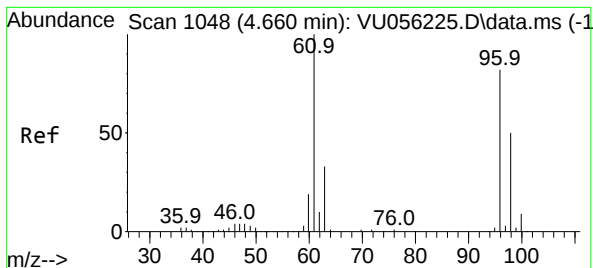
Tgt Ion: 43 Resp: 254480

Ion Ratio Lower Upper

43 100

72 32.8 15.7 47.0





#22

cis-1,2-Dichloroethene

Concen: 5.006 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

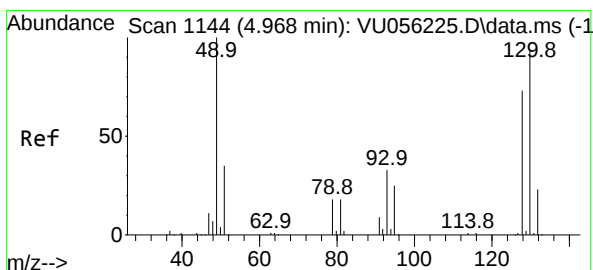
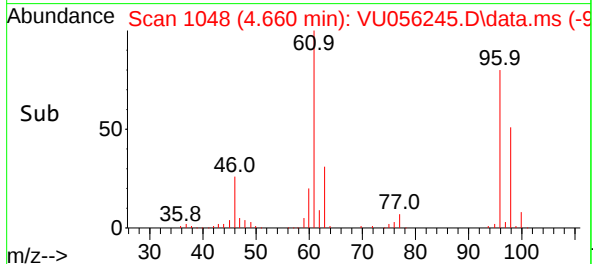
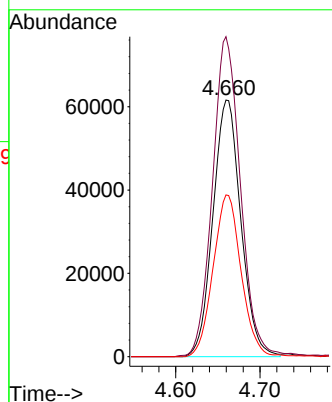
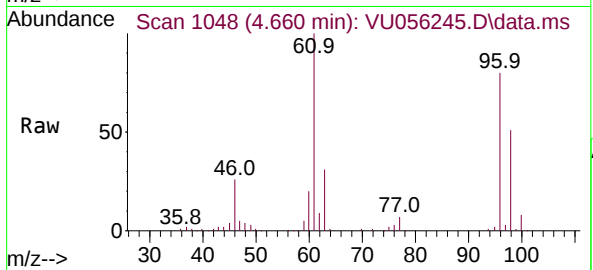
Tgt Ion: 96 Resp: 141774

Ion Ratio Lower Upper

96 100

61 124.7 87.8 163.2

98 63.1 43.5 80.7



#23

Bromochloromethane

Concen: 4.919 ug/L

RT: 4.971 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Tgt Ion: 128 Resp: 61817

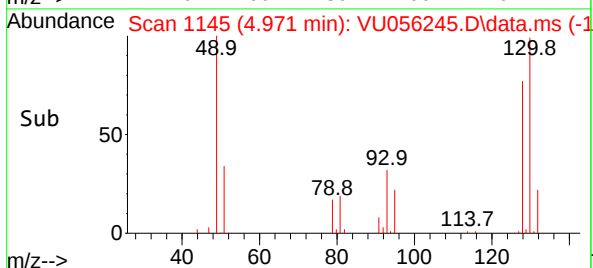
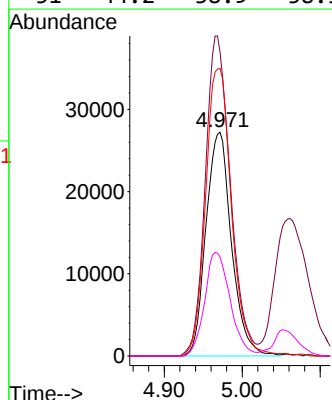
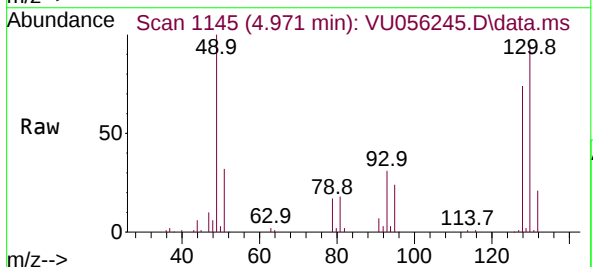
Ion Ratio Lower Upper

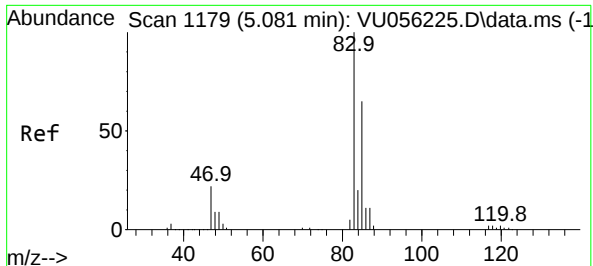
128 100

49 135.9 103.7 192.7

130 128.5 91.8 170.6

51 44.2 38.9 58.3





#25

Chloroform

Concen: 4.896 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

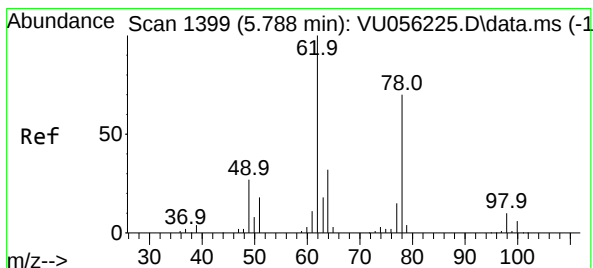
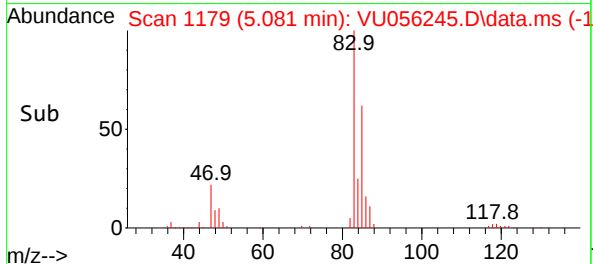
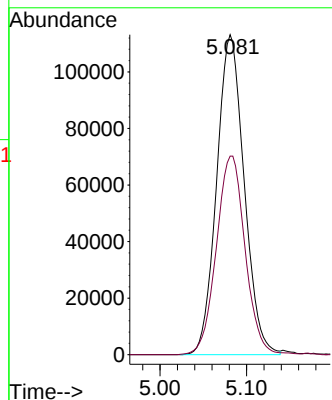
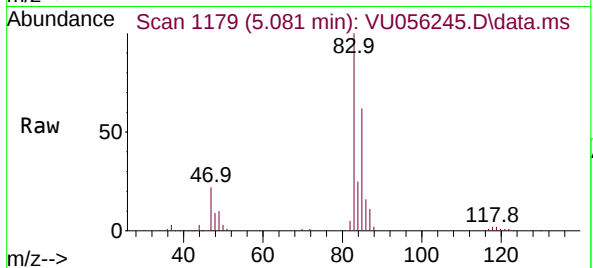
ClientSampleId :

Tgt Ion: 83 Resp: 249679

Ion Ratio Lower Upper

83 100

85 62.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.656 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056245.D

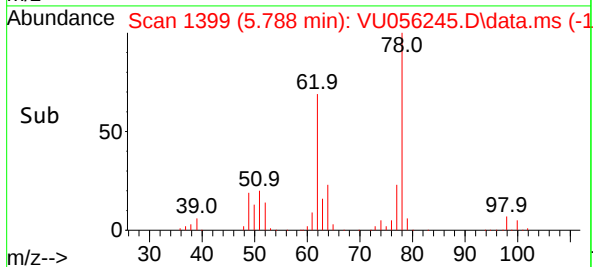
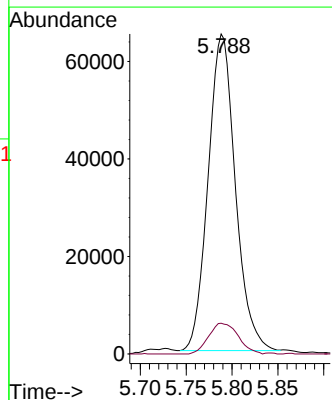
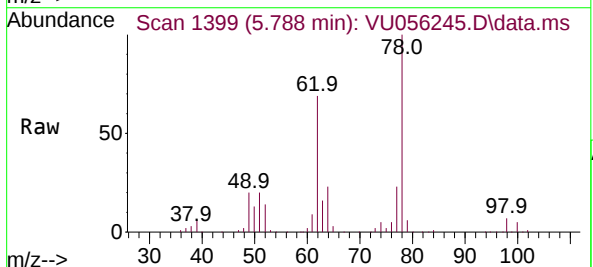
Acq: 12 Nov 2023 03:22

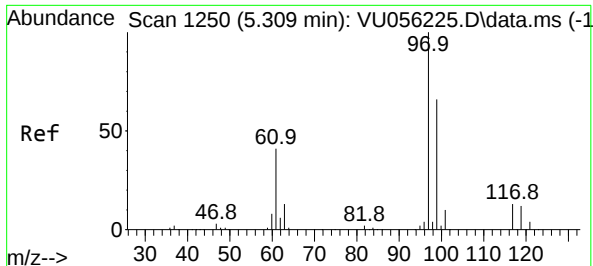
Tgt Ion: 62 Resp: 134396

Ion Ratio Lower Upper

62 100

98 9.6 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.010 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

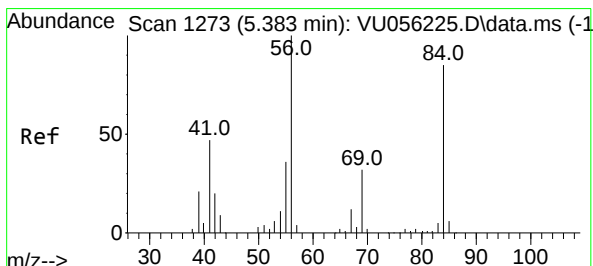
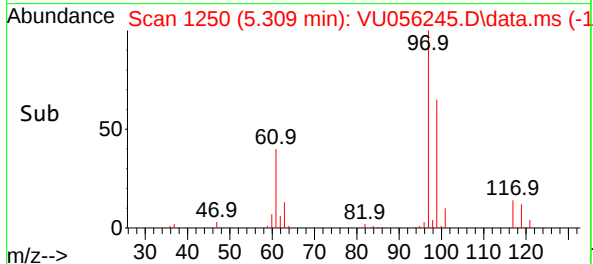
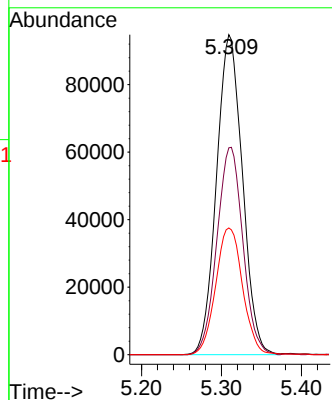
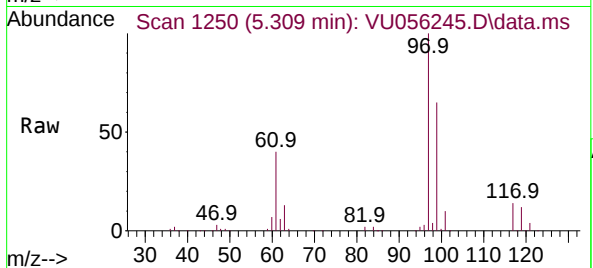
Tgt Ion: 97 Resp: 213600

Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 41.1 33.4 50.0



#30

Cyclohexane

Concen: 4.971 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

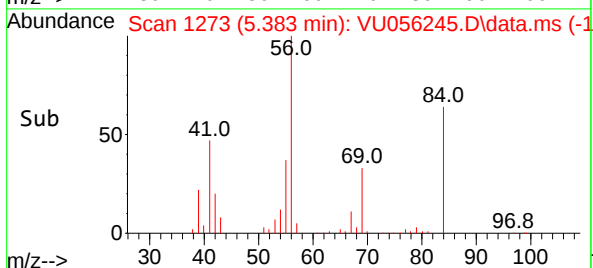
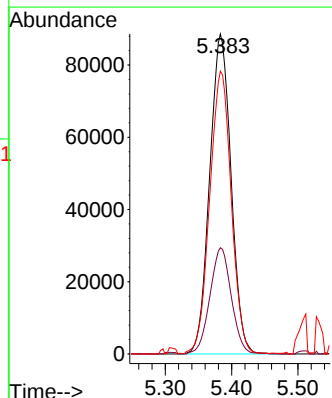
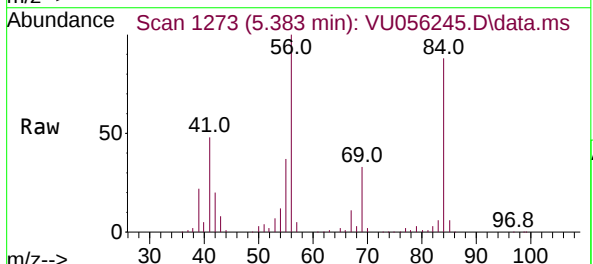
Tgt Ion: 56 Resp: 197988

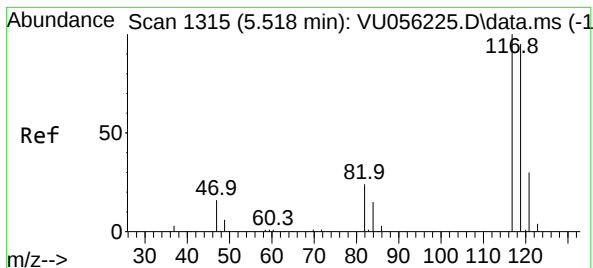
Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

84 88.8 70.4 105.6





#31

Carbon tetrachloride

Concen: 5.001 ug/L

RT: 5.518 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

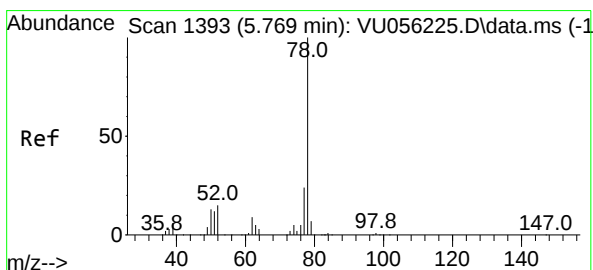
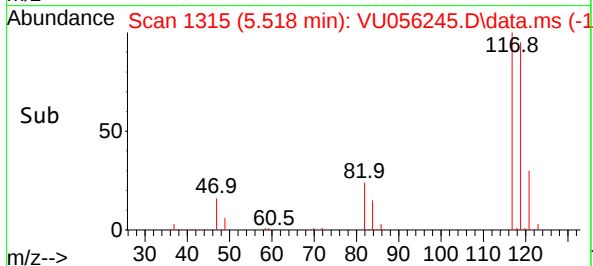
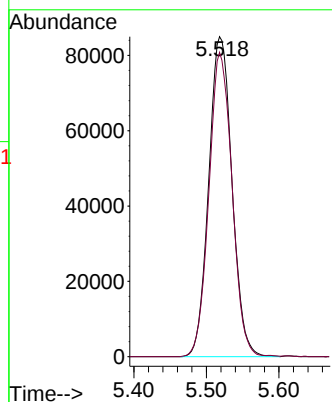
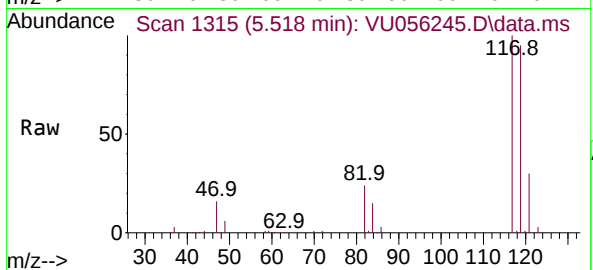
ClientSampleId :

Tgt Ion:117 Resp: 189324

Ion Ratio Lower Upper

117 100

119 94.5 77.2 115.8



#33

Benzene

Concen: 5.138 ug/L

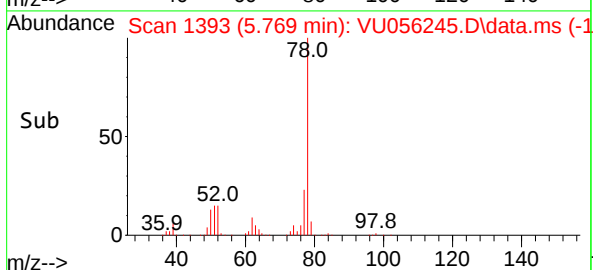
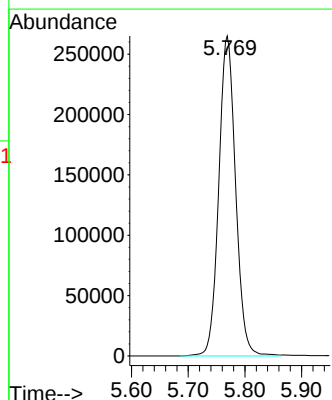
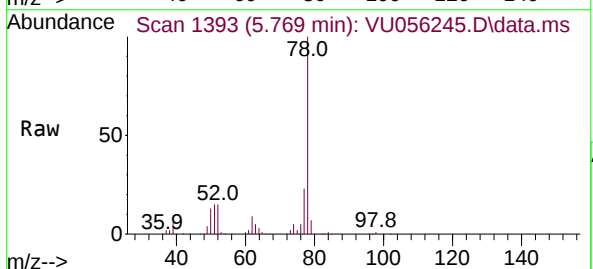
RT: 5.769 min Scan# 1393

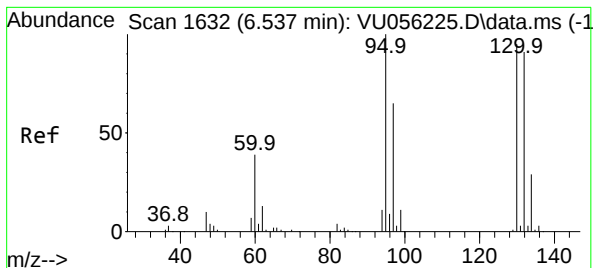
Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Tgt Ion: 78 Resp: 547508





#34

Trichloroethene

Concen: 4.972 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 144713

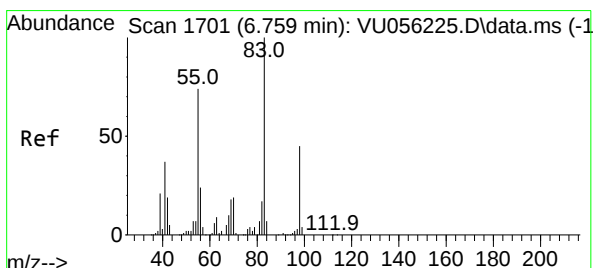
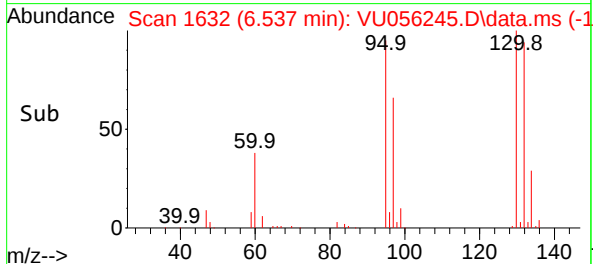
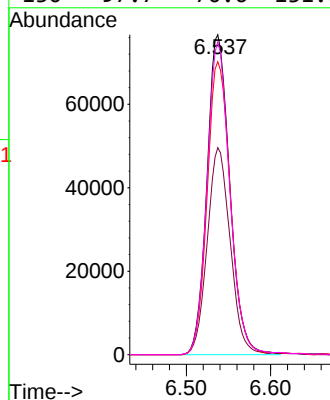
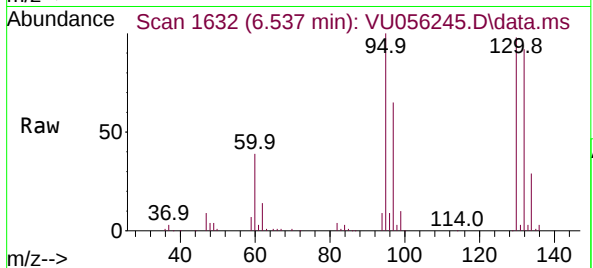
Ion Ratio Lower Upper

95 100

97 64.7 46.8 87.0

132 91.6 66.5 123.5

130 97.7 70.6 131.0



#35

Methylcyclohexane

Concen: 4.891 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

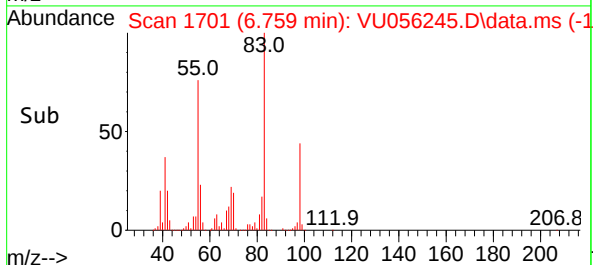
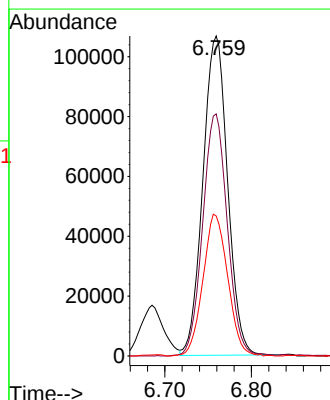
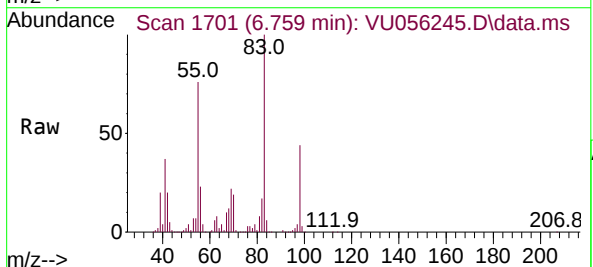
Tgt Ion: 83 Resp: 211591

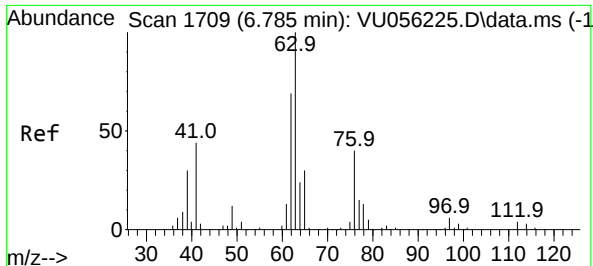
Ion Ratio Lower Upper

83 100

55 75.7 60.6 91.0

98 44.4 36.2 54.4





#37

1,2-Dichloropropane

Concen: 4.946 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

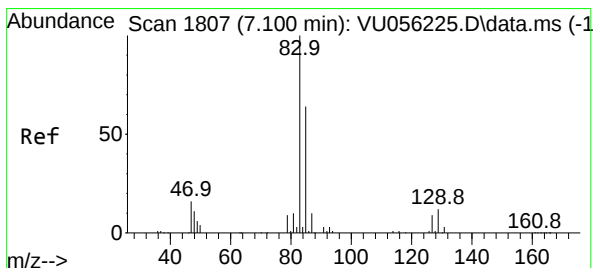
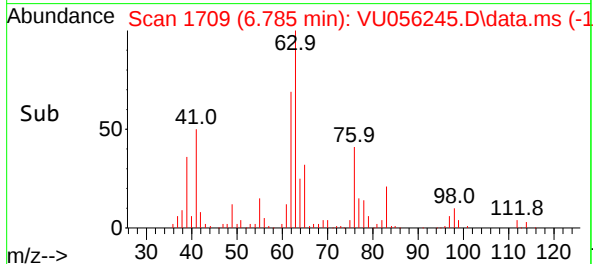
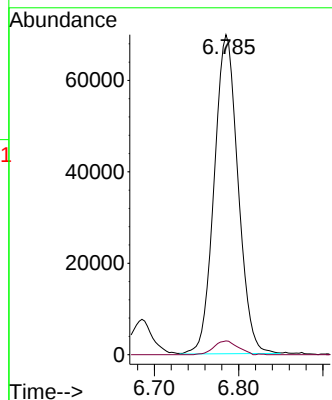
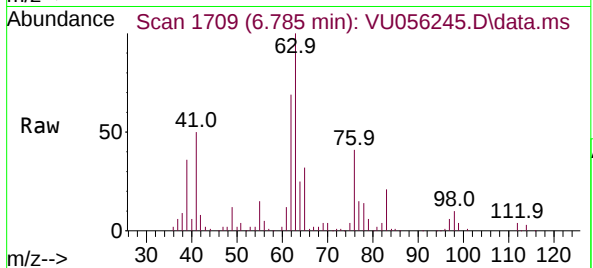
ClientSampleId :

Tgt Ion: 63 Resp: 137046

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 4.927 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

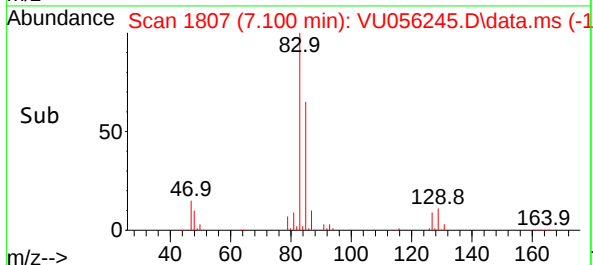
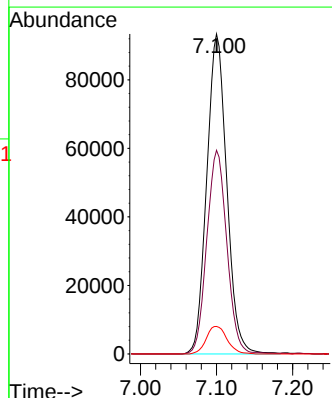
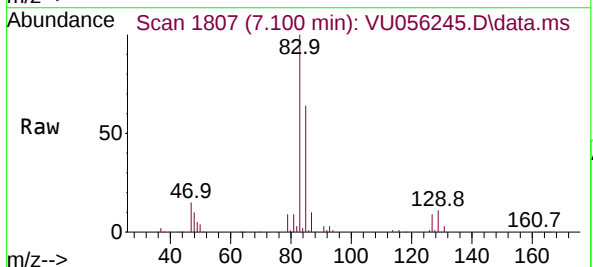
Tgt Ion: 83 Resp: 170493

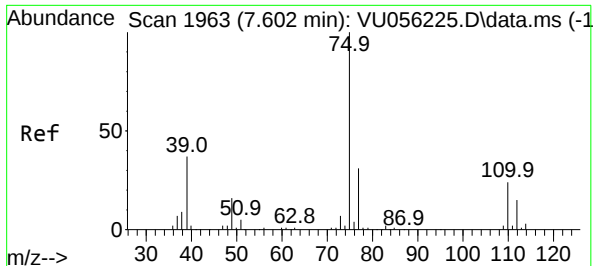
Ion Ratio Lower Upper

83 100

85 63.6 46.6 86.6

127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.948 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

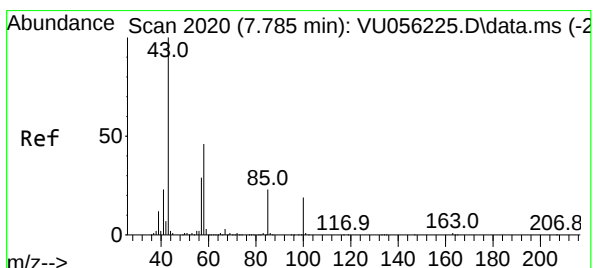
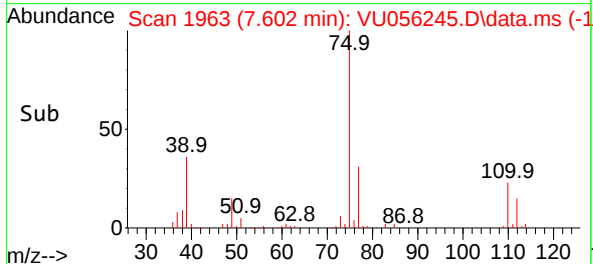
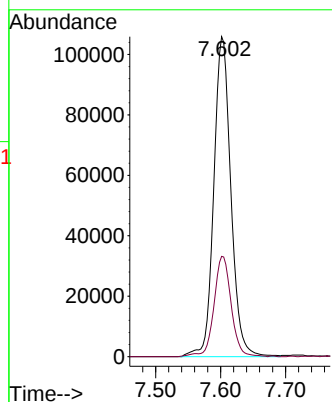
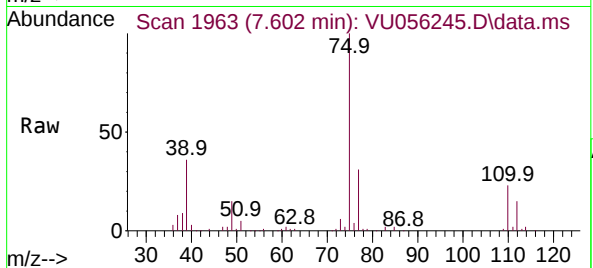
ClientSampleId :

Tgt Ion: 75 Resp: 193518

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.685 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

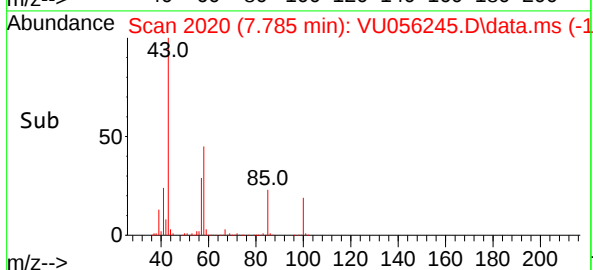
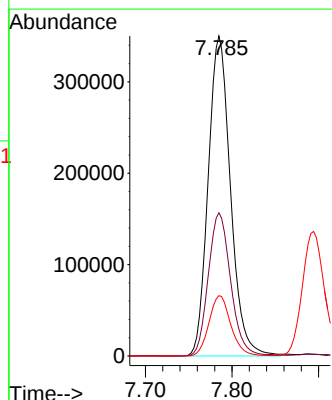
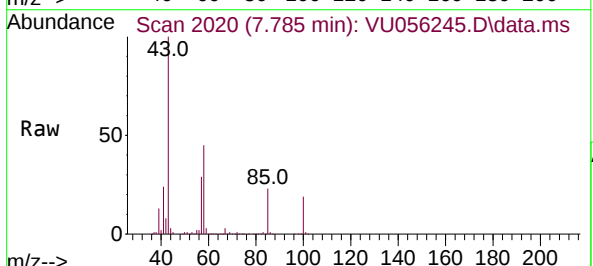
Tgt Ion: 43 Resp: 626444

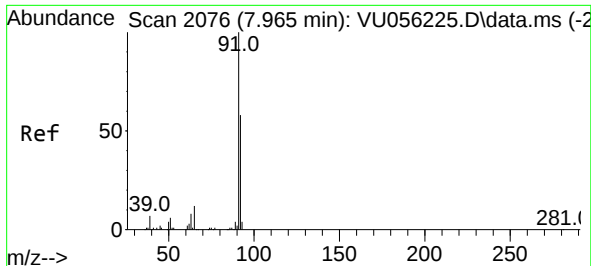
Ion Ratio Lower Upper

43 100

58 44.9 36.0 54.0

100 18.5 14.2 21.4





#42

Toluene

Concen: 5.228 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

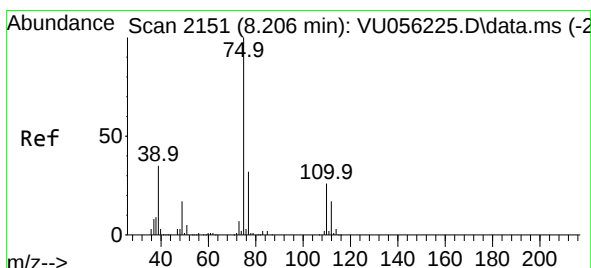
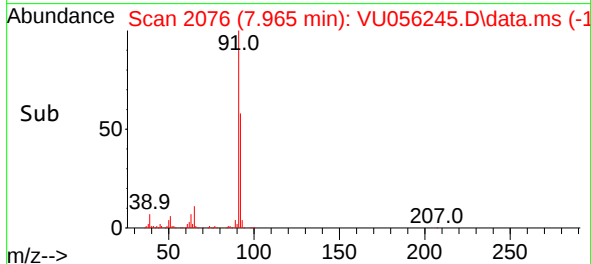
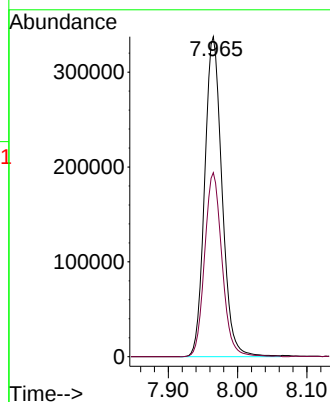
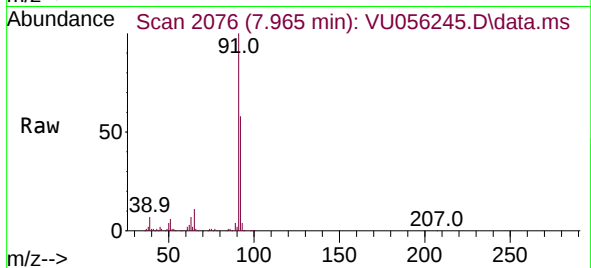
ClientSampleId :

Tgt Ion: 91 Resp: 587248

Ion Ratio Lower Upper

91 100

92 57.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 4.885 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056245.D

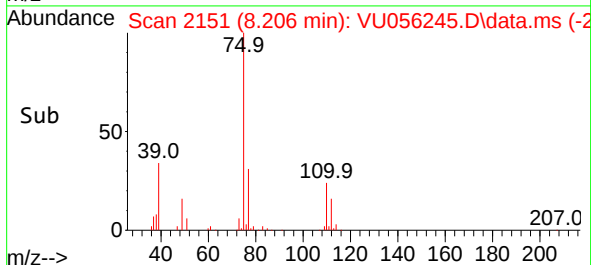
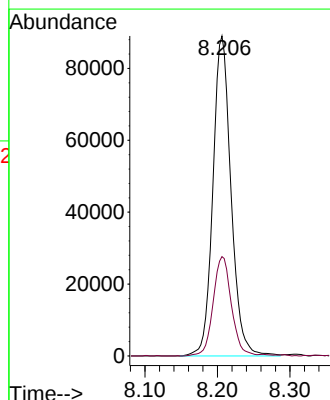
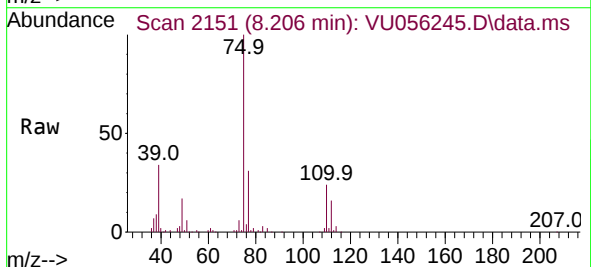
Acq: 12 Nov 2023 03:22

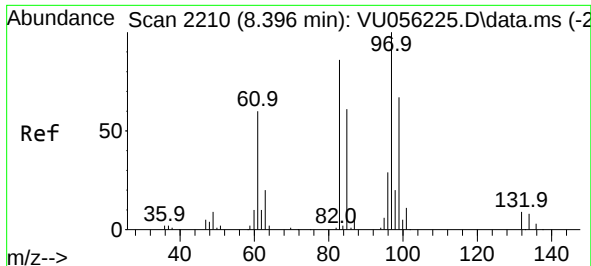
Tgt Ion: 75 Resp: 154669

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.137 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 97303

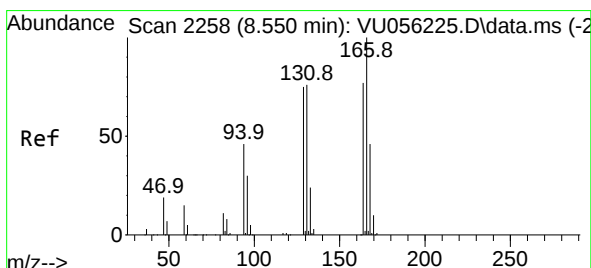
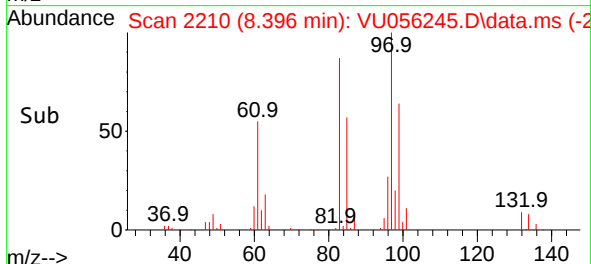
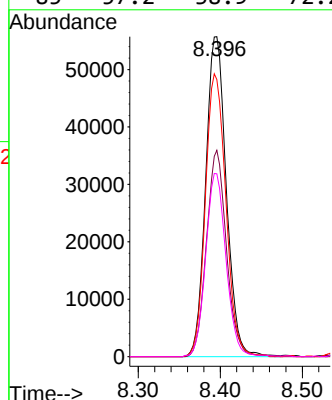
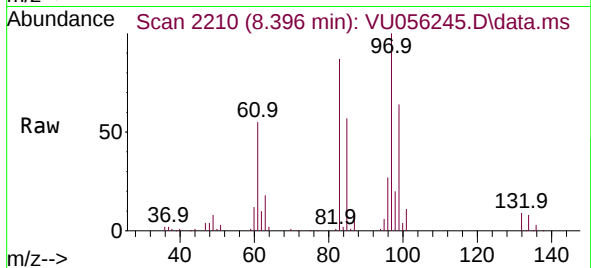
Ion Ratio Lower Upper

97 100

99 64.5 44.7 82.9

83 86.6 59.4 110.2

85 57.2 38.9 72.2



#47

Tetrachloroethene

Concen: 5.156 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Tgt Ion:164 Resp: 112627

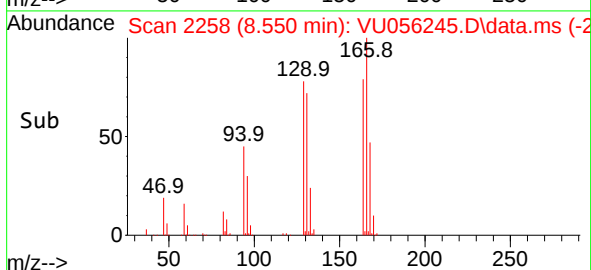
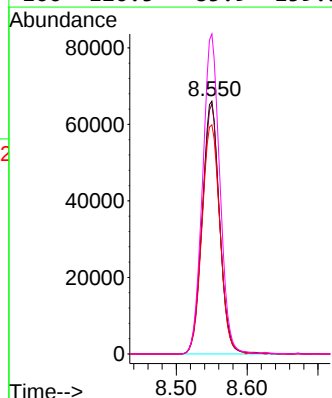
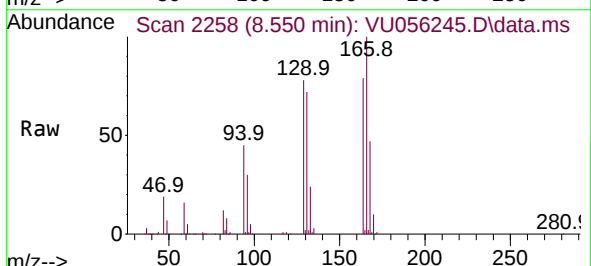
Ion Ratio Lower Upper

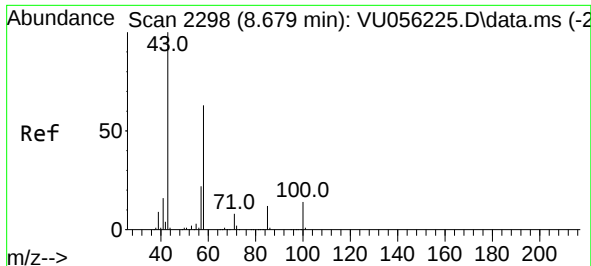
164 100

129 98.9 66.6 123.8

131 90.6 67.8 126.0

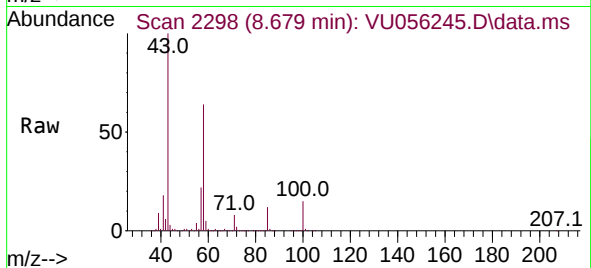
166 126.5 85.9 159.5



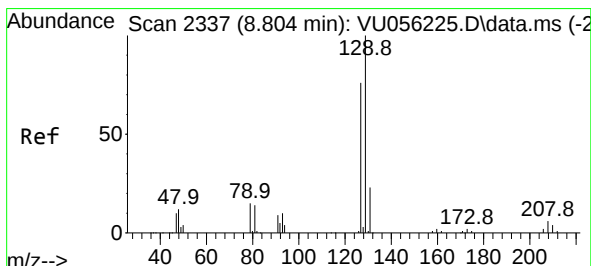
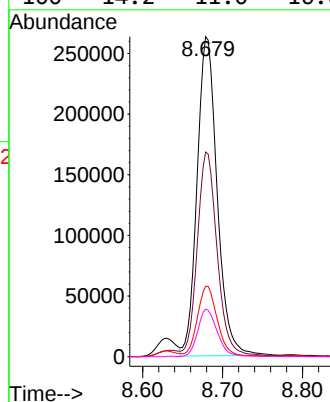
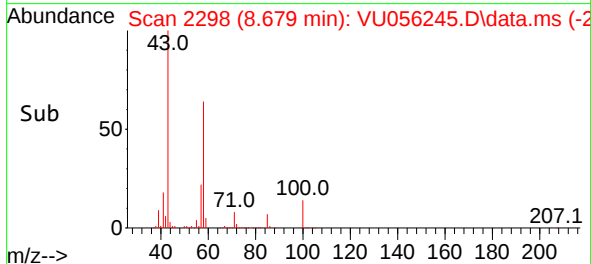


#48
2-Hexanone
Concen: 52.270 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Instrument :
MSVOA_U
ClientSampleId :

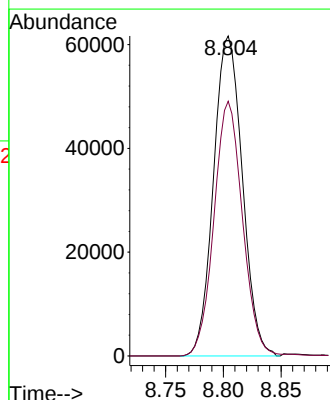
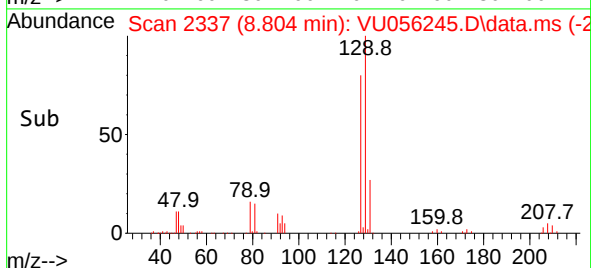
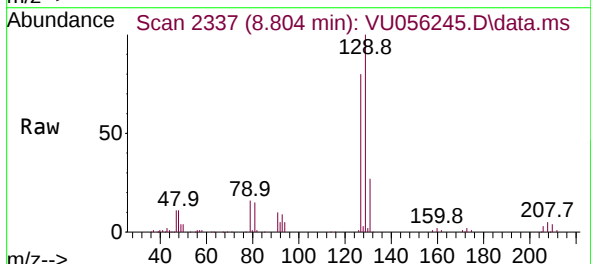


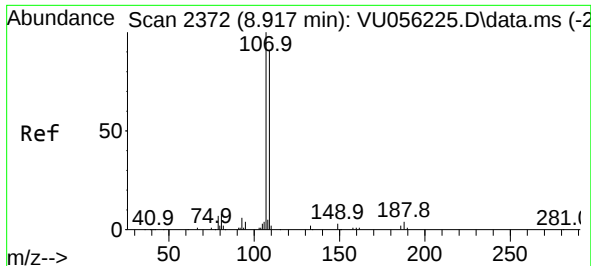
Tgt Ion: 43 Resp: 461267
Ion Ratio Lower Upper
43 100
58 63.0 52.0 78.0
57 21.8 17.4 26.2
100 14.2 11.0 16.6



#49
Dibromochloromethane
Concen: 4.926 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion: 129 Resp: 107081
Ion Ratio Lower Upper
129 100
127 79.6 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.052 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

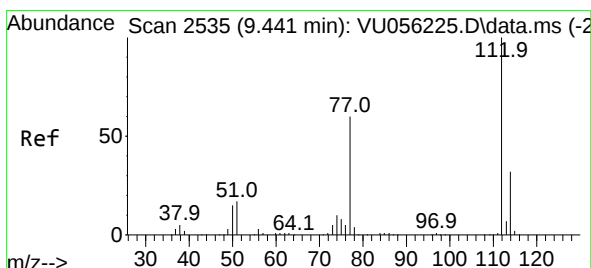
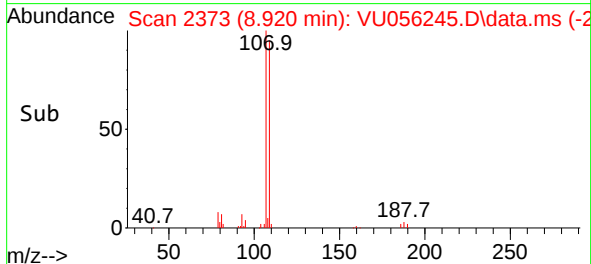
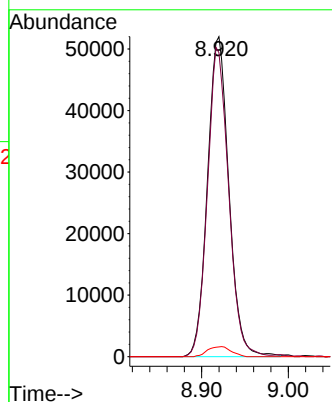
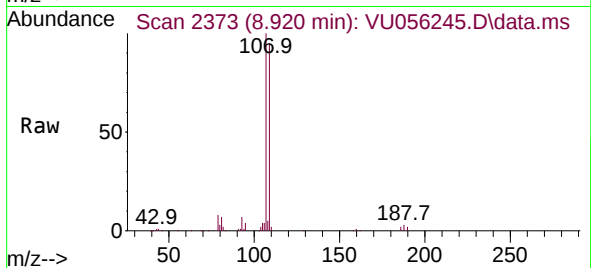
Tgt Ion:107 Resp: 89418

Ion Ratio Lower Upper

107 100

109 95.0 66.9 124.3

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 5.056 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

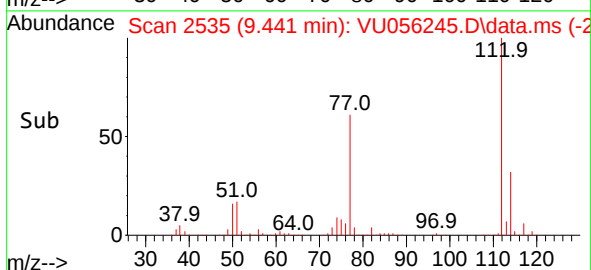
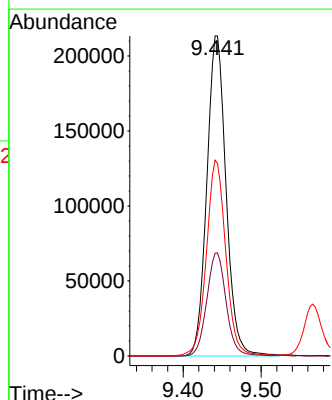
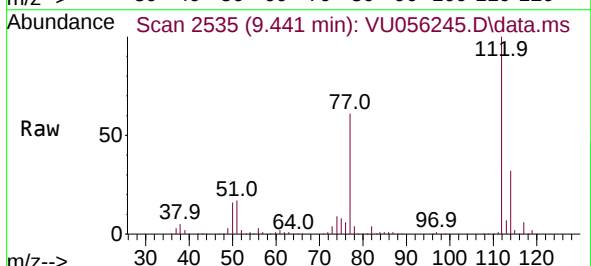
Tgt Ion:112 Resp: 366407

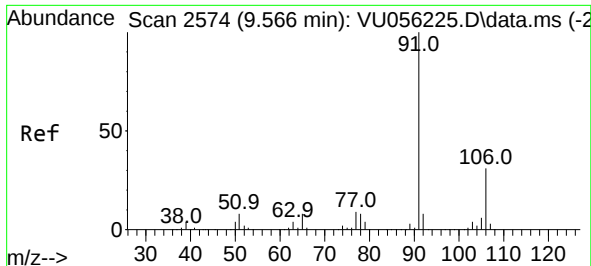
Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.4

77 61.2 48.2 72.4

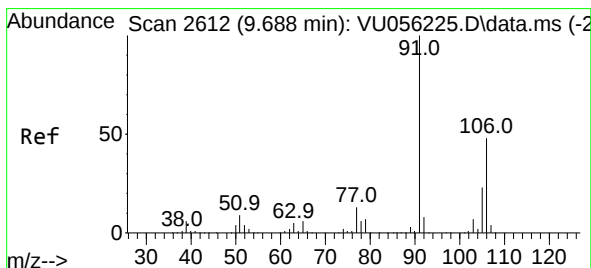
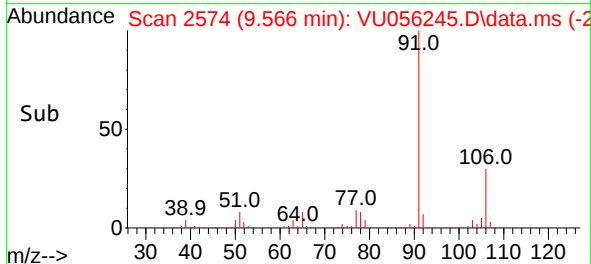
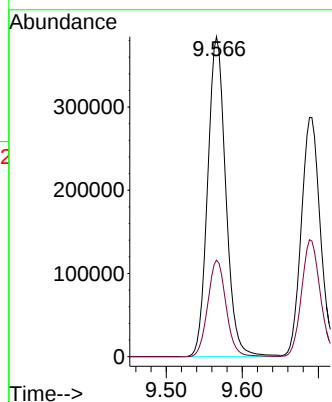
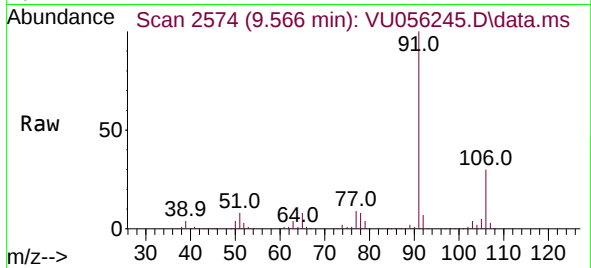




#52
Ethylbenzene
Concen: 5.190 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

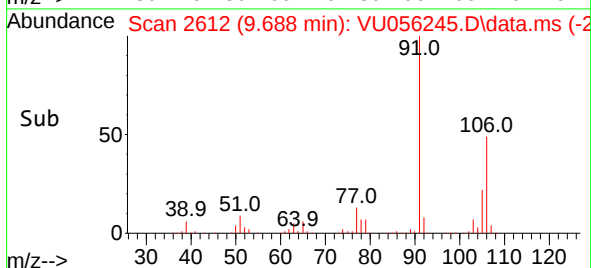
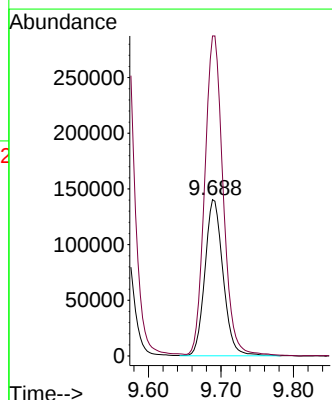
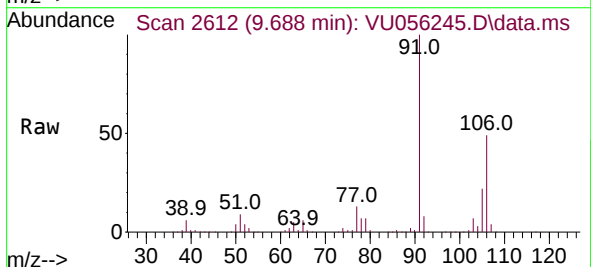
Instrument :
MSVOA_U
ClientSampleId :

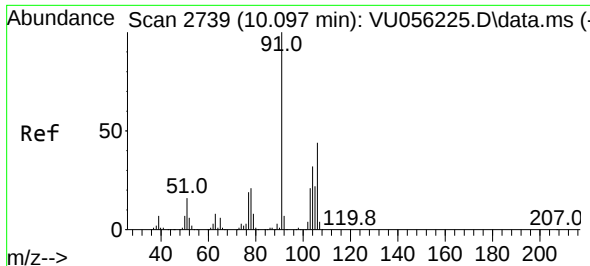
Tgt Ion: 91 Resp: 635353
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 5.241 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion: 106 Resp: 244012
Ion Ratio Lower Upper
106 100
91 204.6 144.9 269.1

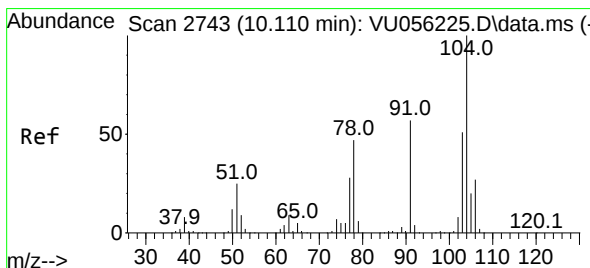
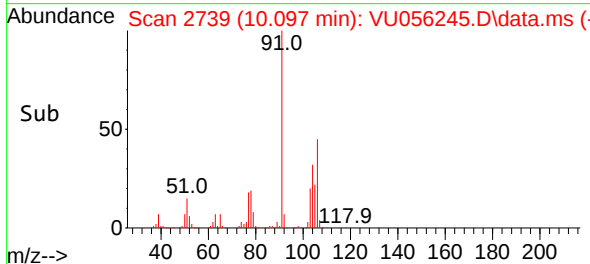
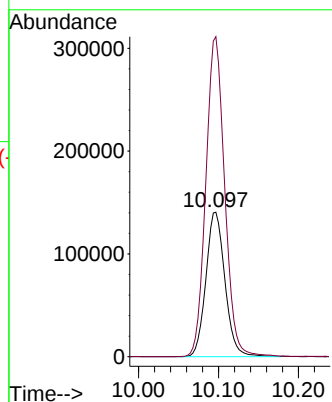
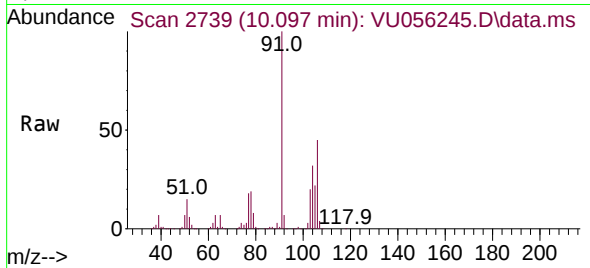




#54
o-Xylene
Concen: 5.230 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

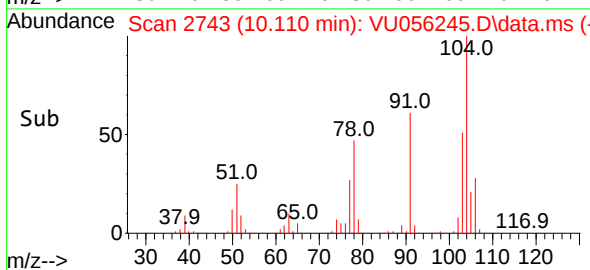
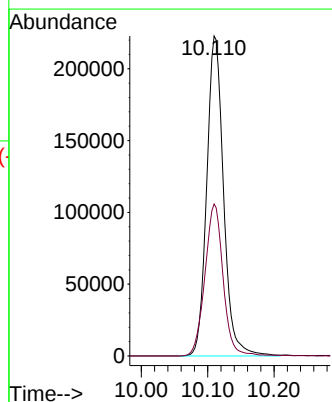
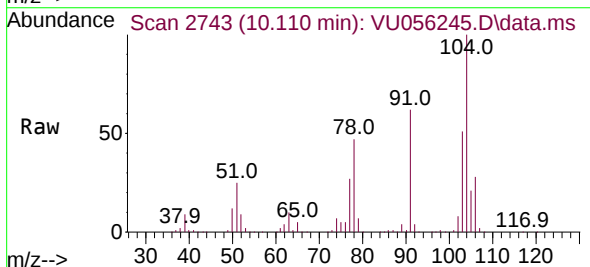
Instrument :
MSVOA_U
ClientSampleId :

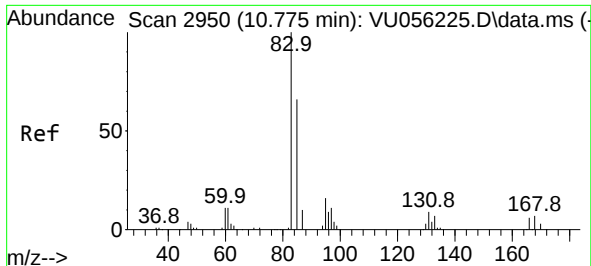
Tgt Ion:106 Resp: 233425
Ion Ratio Lower Upper
106 100
91 221.4 158.2 293.8



#55
Styrene
Concen: 5.385 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion:104 Resp: 393148
Ion Ratio Lower Upper
104 100
78 47.5 33.5 62.3

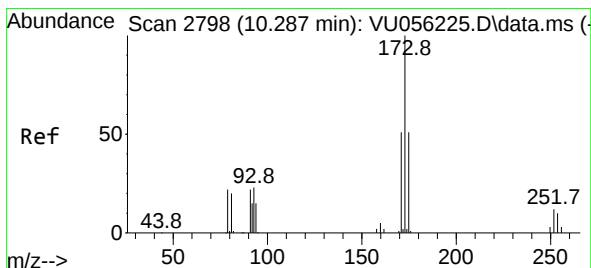
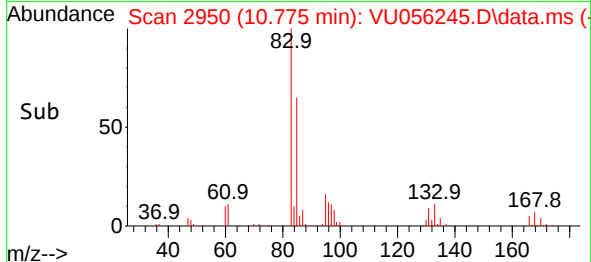
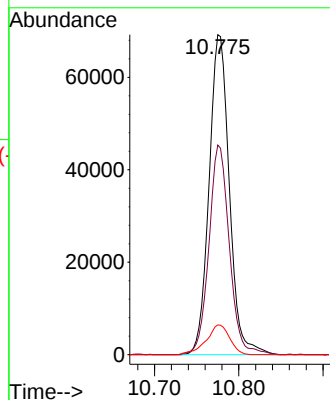
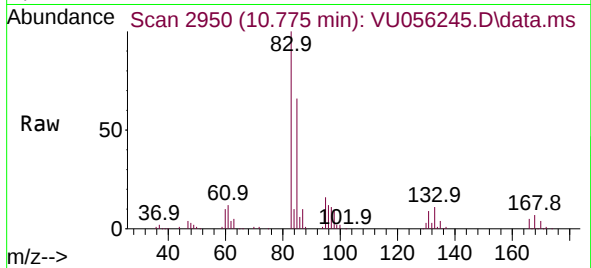




#57
1,1,2,2-Tetrachloroethane
Concen: 5.202 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

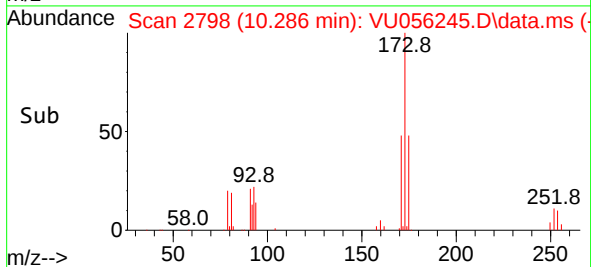
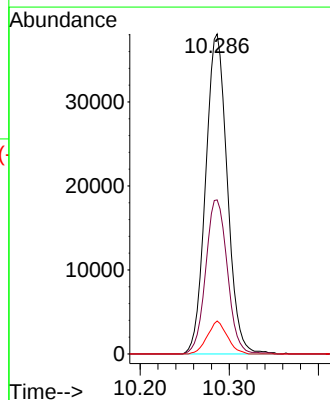
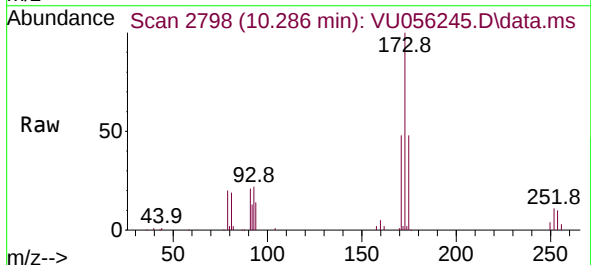
Instrument :
MSVOA_U
ClientSampleId :

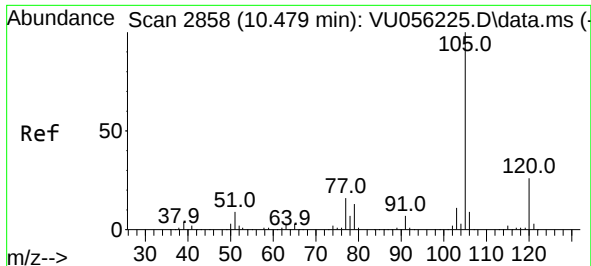
Tgt Ion: 83 Resp: 115792
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.8
131 9.3 7.4 11.2



#59
Bromoform
Concen: 4.795 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

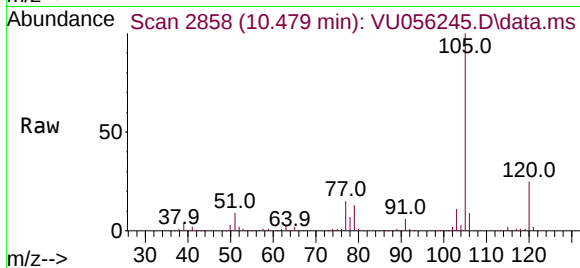
Tgt Ion:173 Resp: 64201
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 9.5 8.2 12.2



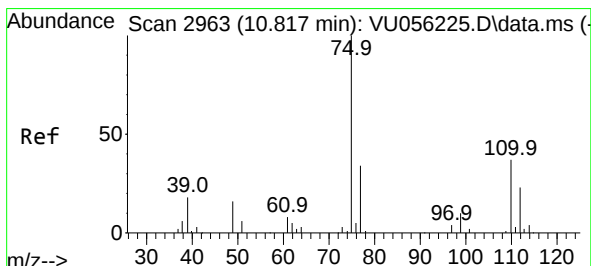
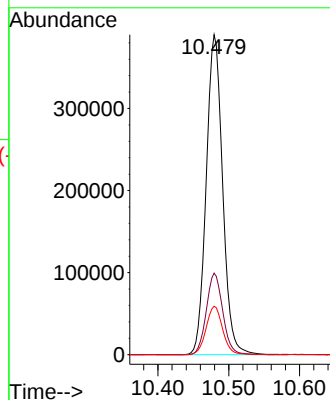
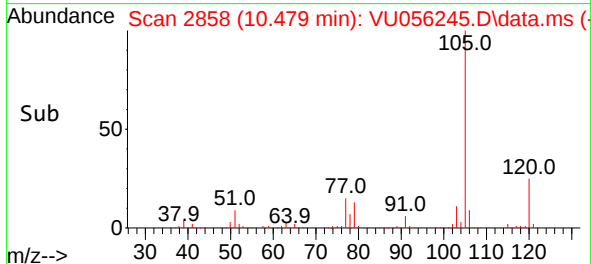


#60
Isopropylbenzene
Concen: 5.017 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Instrument :
MSVOA_U
ClientSampleId :

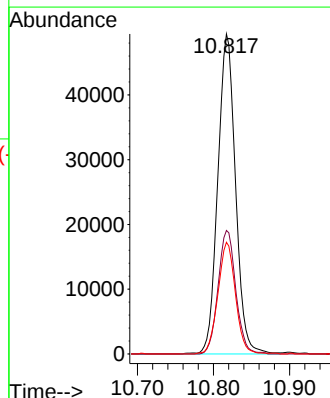
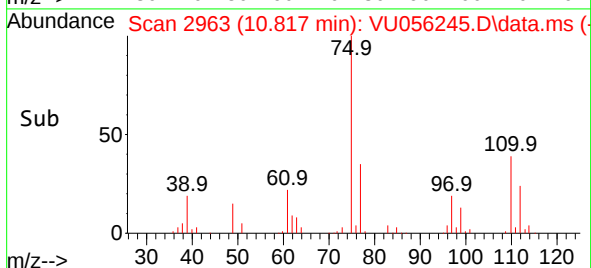
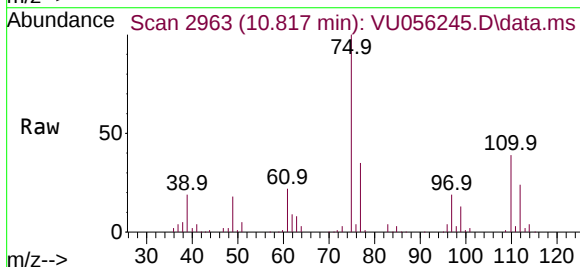


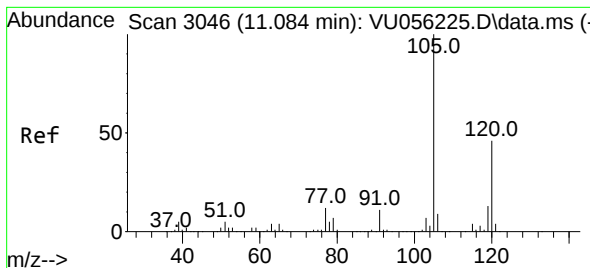
Tgt Ion:105 Resp: 627064
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.798 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion: 75 Resp: 79832
Ion Ratio Lower Upper
75 100
110 38.5 29.7 44.5
77 34.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.991 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

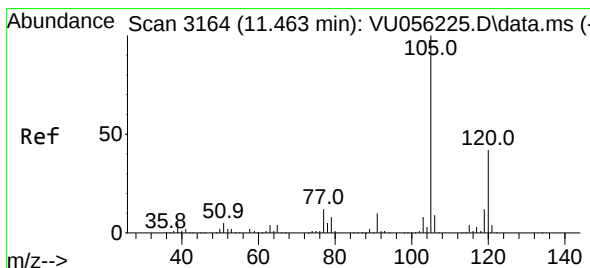
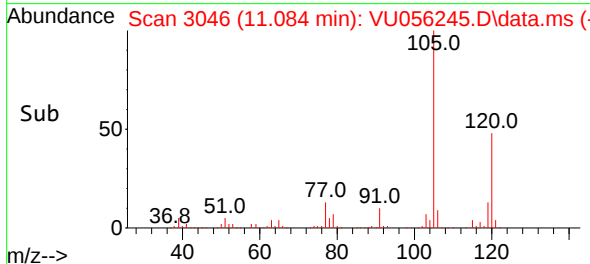
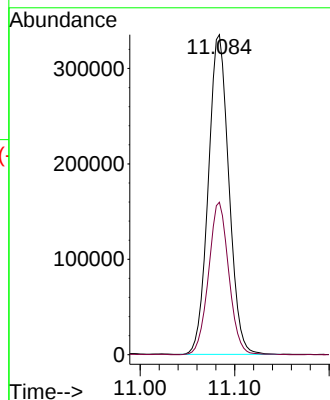
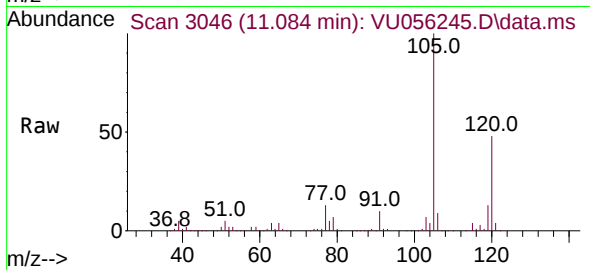
ClientSampleId :

Tgt Ion:105 Resp: 505849

Ion Ratio Lower Upper

105 100

120 47.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.076 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056245.D

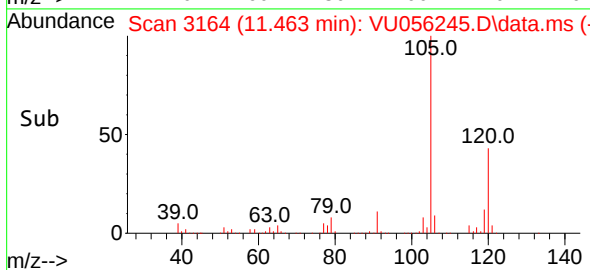
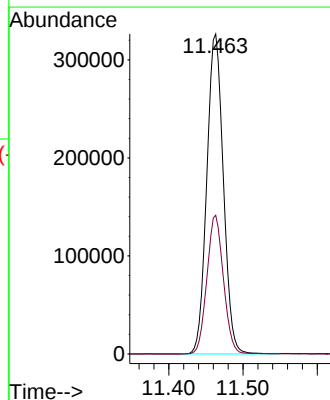
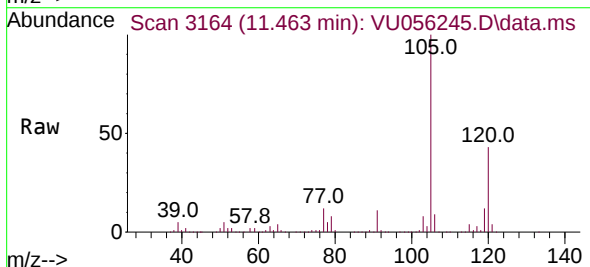
Acq: 12 Nov 2023 03:22

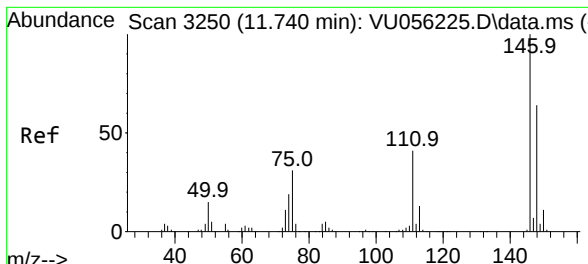
Tgt Ion:105 Resp: 504667

Ion Ratio Lower Upper

105 100

120 43.3 35.4 53.0

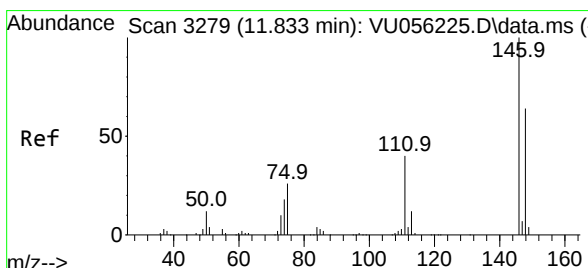
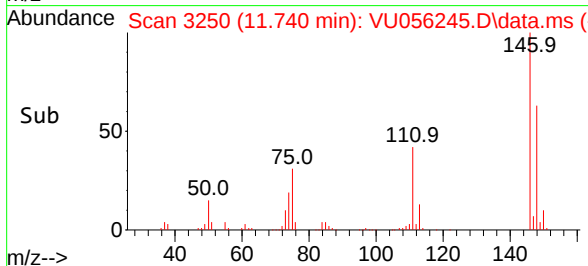
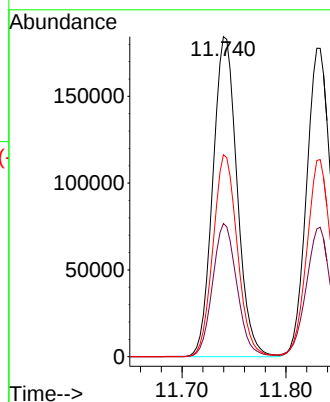
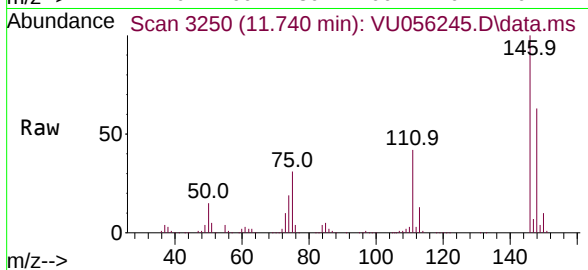




#64
1,3-Dichlorobenzene
Concen: 5.060 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

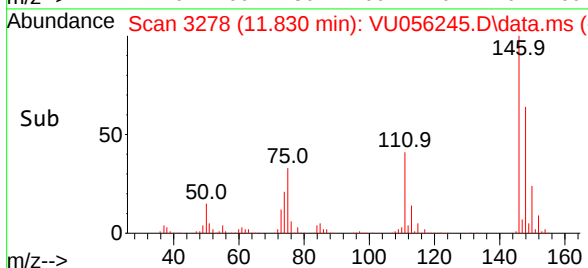
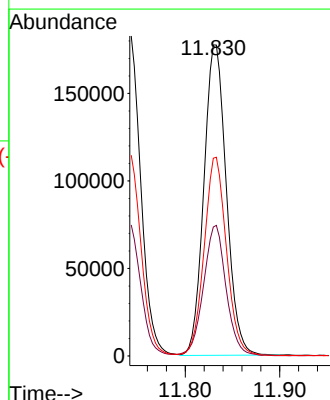
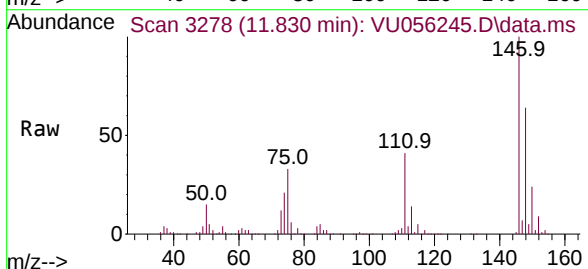
Instrument :
MSVOA_U
ClientSampleId :

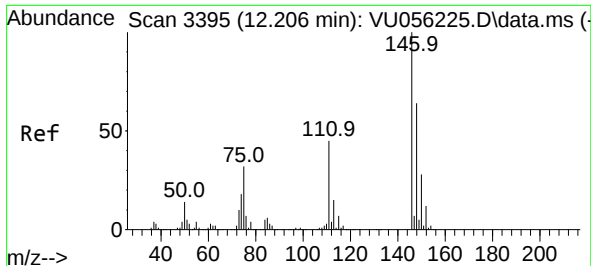
Tgt Ion:146 Resp: 299500
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 63.1 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion:146 Resp: 292675
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.8
148 63.6 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 4.951 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

Instrument :

MSVOA_U

ClientSampleId :

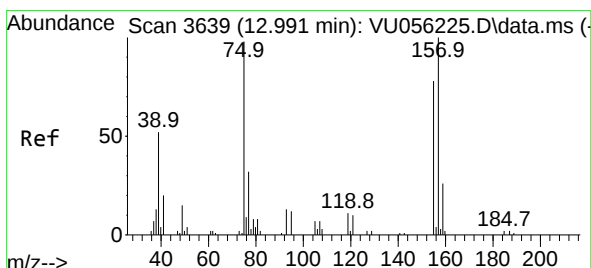
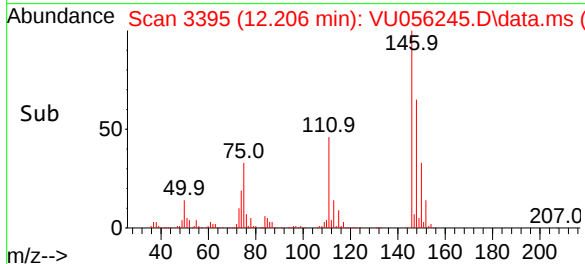
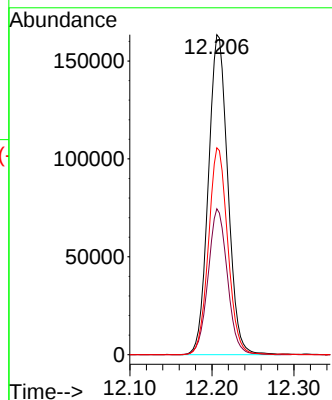
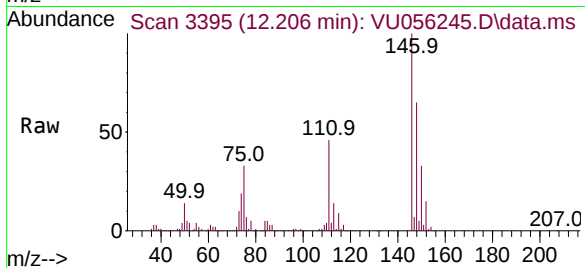
Tgt Ion:146 Resp: 270060

Ion Ratio Lower Upper

146 100

111 45.6 35.2 52.8

148 64.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.571 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056245.D

Acq: 12 Nov 2023 03:22

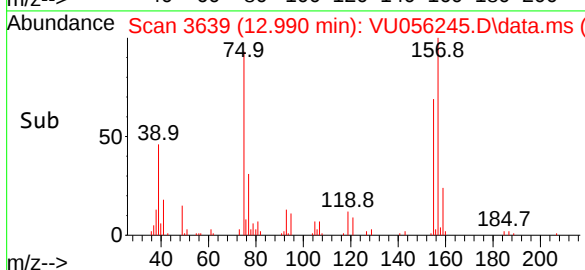
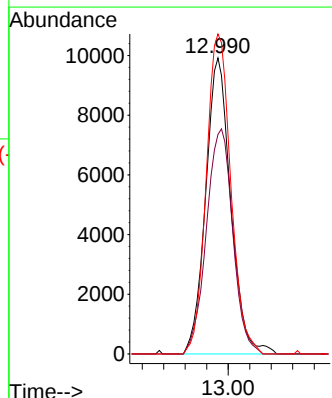
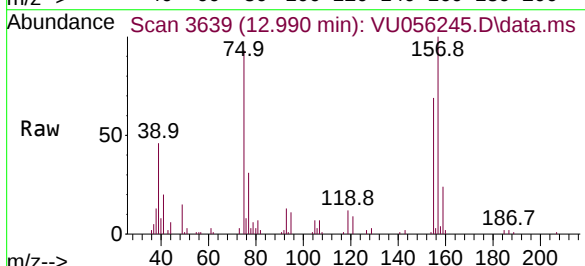
Tgt Ion: 75 Resp: 16044

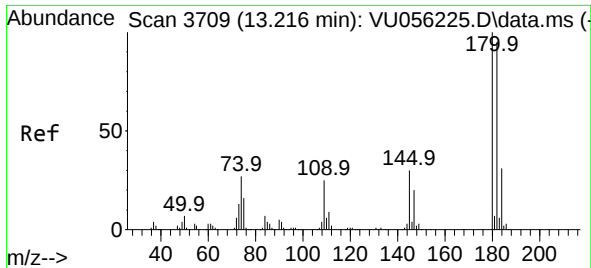
Ion Ratio Lower Upper

75 100

155 74.2 63.3 94.9

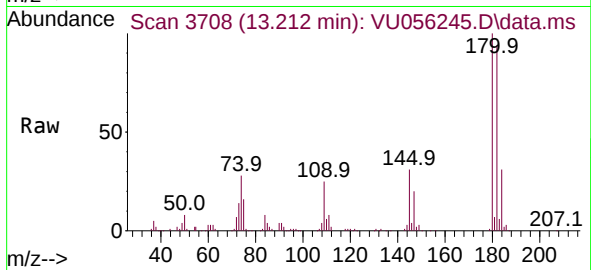
157 108.1 79.1 118.7



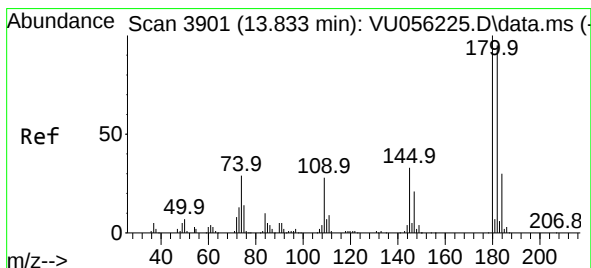
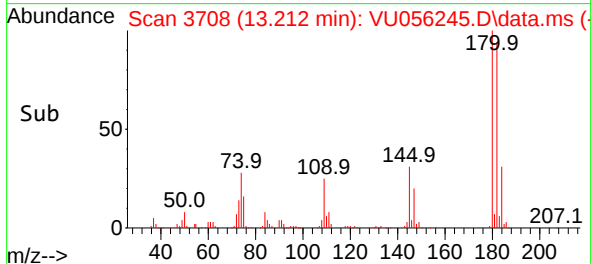
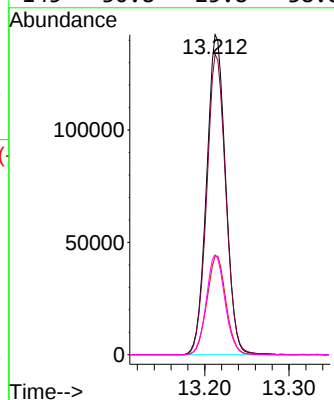


#69
 1,3,5-Trichlorobenzene
 Concen: 5.038 ug/L
 RT: 13.212 min Scan# 3709
 Delta R.T. -0.003 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

Instrument :
 MSVOA_U
 ClientSampleId :

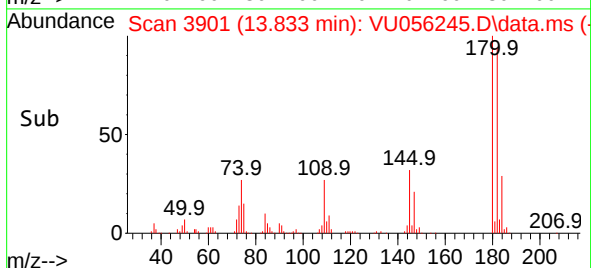
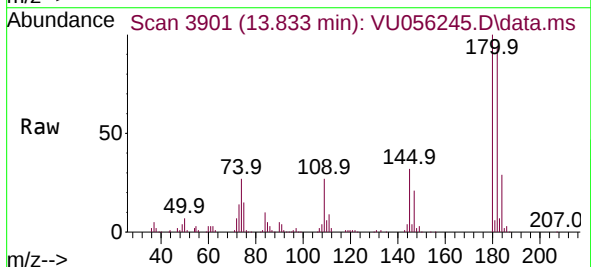
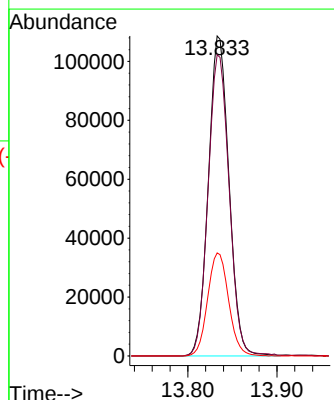


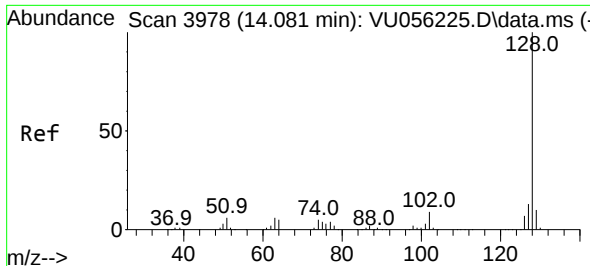
Tgt Ion:180 Resp: 223356
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.0 114.0
 184 30.9 24.0 36.0
 145 30.8 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.958 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU056245.D
 Acq: 12 Nov 2023 03:22

Tgt Ion:180 Resp: 174400
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.4 116.2
 145 32.7 25.9 38.9

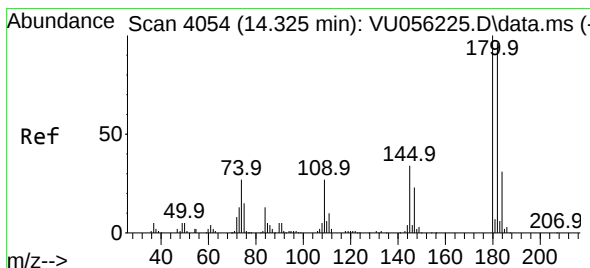
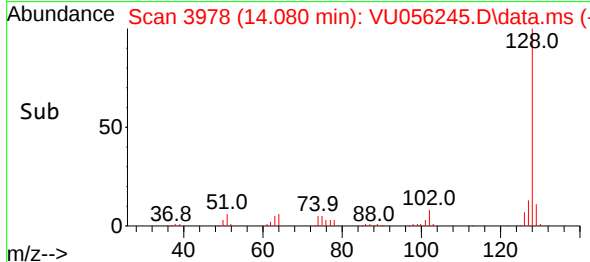
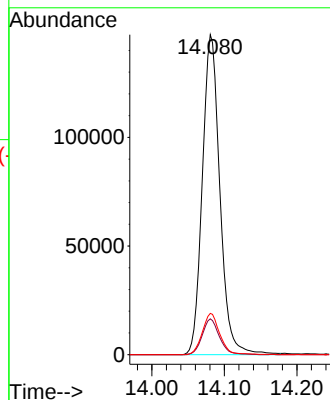
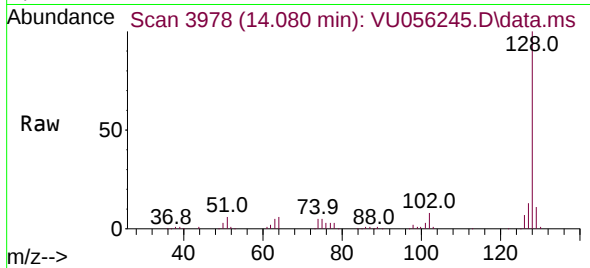




#71
Naphthalene
Concen: 4.753 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 247971
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.798 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056245.D
Acq: 12 Nov 2023 03:22

Tgt Ion:180 Resp: 147971
Ion Ratio Lower Upper
180 100
182 95.1 76.6 115.0
145 33.7 28.0 42.0

