

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045487.D
 Acq On : 01 Nov 2021 14:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:34:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	319252	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	301240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105418	40.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.916	69	93178	44.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.500%
11) 1,1-Dichloroethene-d2	2.575	63	207355	44.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
21) 2-Butanone-d5	4.632	46	212284	97.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.620%
24) Chloroform-d	5.070	84	218598	46.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.706	65	141727	45.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
32) Benzene-d6	5.732	84	428752	46.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	6.693	67	139959	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	7.902	98	383713	47.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	8.182	79	67272	47.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.635	63	154378	95.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.970%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213173	47.139	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	144737	45.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135551	48.050	ug/L	100
3) Chloromethane	1.520	50	155462	45.642	ug/L	100
5) Vinyl chloride	1.607	62	154413	48.220	ug/L	100
6) Bromomethane	1.861	94	80370	48.765	ug/L	99
8) Chloroethane	1.935	64	97529	51.554	ug/L	98
9) Trichlorofluoromethane	2.141	101	184385	48.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	113673	49.226	ug/L	100
12) 1,1-Dichloroethene	2.584	96	107705	49.428	ug/L	95
13) Acetone	2.642	43	198062	111.056	ug/L	98
14) Carbon disulfide	2.800	76	310474	49.836	ug/L	100
15) Methyl Acetate	2.954	43	147535	48.963	ug/L	100
16) Methylene chloride	3.051	84	130799	48.637	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	116870	50.127	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	407494	49.848	ug/L	99
19) 1,1-Dichloroethane	3.877	63	229869	49.467	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	131572	49.474	ug/L	97
22) 2-Butanone	4.713	43	250687	102.928	ug/L	100
23) Bromochloromethane	4.980	128	63453	49.560	ug/L	98
25) Chloroform	5.092	83	228944	49.234	ug/L	100

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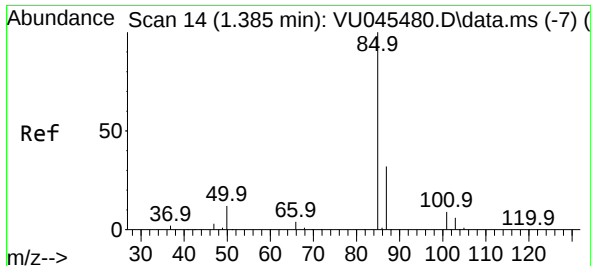
Quant Time: Nov 02 02:34:42 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	185924	48.876	ug/L	99
29) Cyclohexane	5.394	56	214918	49.769	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	189573	49.557	ug/L	99
31) Carbon tetrachloride	5.529	117	149019	49.270	ug/L	99
33) Benzene	5.780	78	518713	49.643	ug/L	100
34) Trichloroethene	6.546	95	125130	49.887	ug/L	99
35) Methylcyclohexane	6.767	83	217524	49.910	ug/L	100
37) 1,2-Dichloropropane	6.796	63	136320	49.142	ug/L	100
38) Bromodichloromethane	7.108	83	172704	49.516	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215425	50.765	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	405974	99.167	ug/L	100
42) Toluene	7.973	91	547025	50.310	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	206989	51.729	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	126471	49.095	ug/L	98
46) Tetrachloroethene	8.558	164	89991	50.579	ug/L	97
48) 2-Hexanone	8.687	43	337815	99.069	ug/L	100
49) Dibromochloromethane	8.812	129	124148	50.013	ug/L	100
50) 1,2-Dibromoethane	8.928	107	135499	50.121	ug/L	98
51) Chlorobenzene	9.449	112	329717	50.185	ug/L	99
52) Ethylbenzene	9.574	91	588774	51.051	ug/L	99
53) m,p-Xylene	9.697	106	227337	51.512	ug/L	97
54) o-xylene	10.105	106	222758	50.961	ug/L	96
55) Styrene	10.118	104	385399	52.480	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	224466	49.049	ug/L	98
59) Bromoform	10.295	173	88243	48.779	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	181351	46.943	ug/L	99
61) Isopropylbenzene	10.488	105	576619	49.723	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	497572	50.381	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	504089	50.221	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	255034	49.731	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	255875	49.320	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	254846	48.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54060	47.930	ug/L	99
69) 1,3,5-Trichlorobenzene	13.220	180	189514	50.101	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	178165	51.554	ug/L	100
71) Naphthalene	14.089	128	680100	51.644	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	182144	51.502	ug/L	99

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

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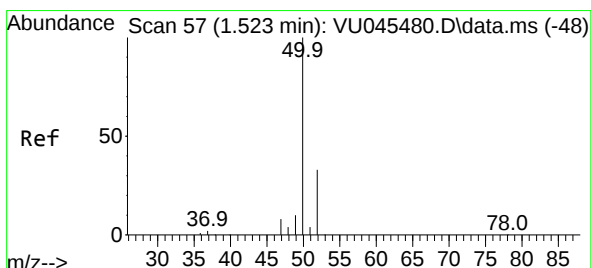
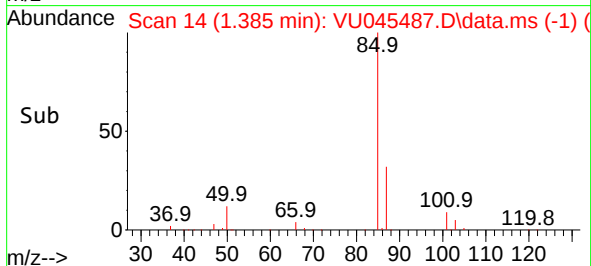
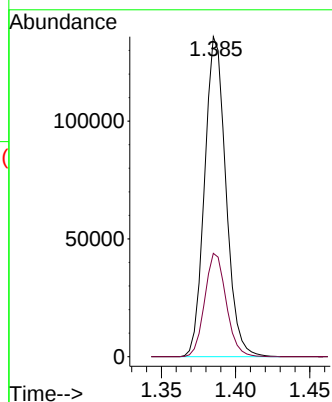
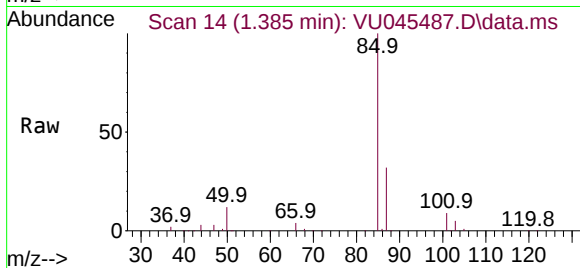




#2
Dichlorodifluoromethane
Concen: 48.050 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

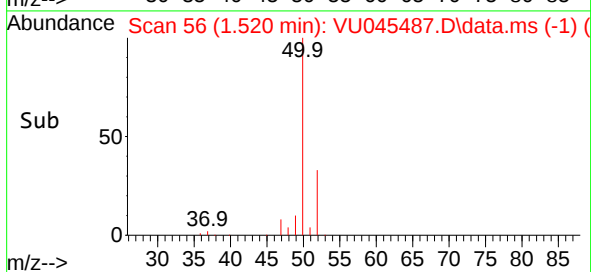
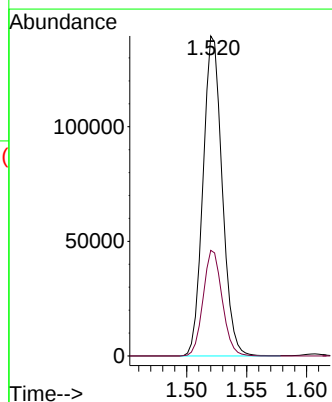
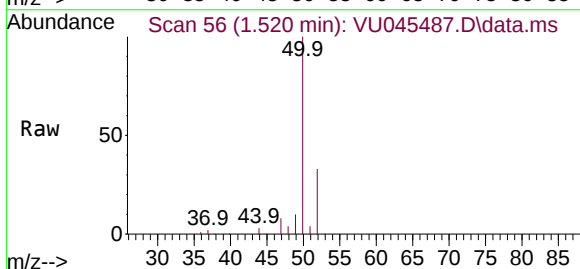
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MSVOA_U
ClientSampleId :

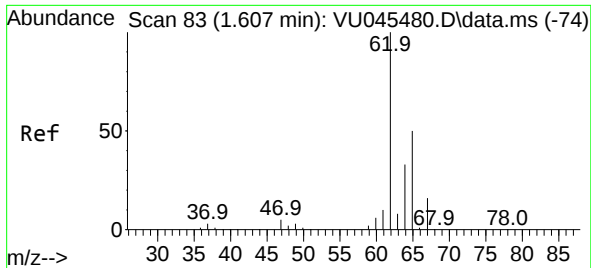
Tgt Ion: 85 Resp: 135551
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 45.642 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 50 Resp: 155462
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

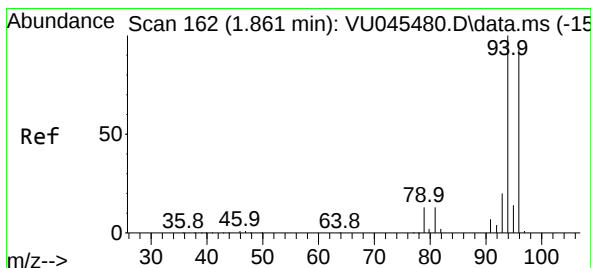
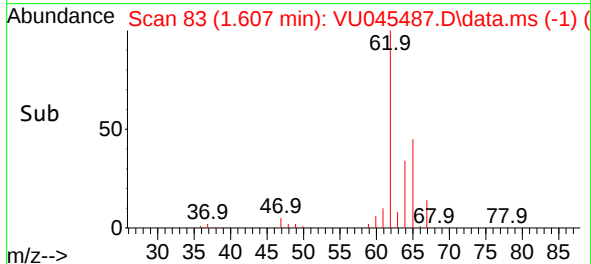
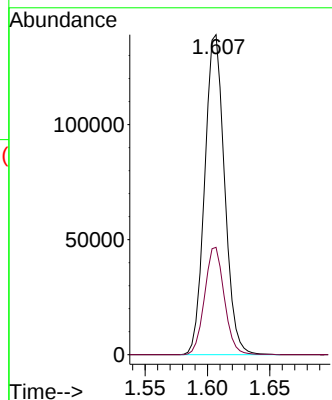
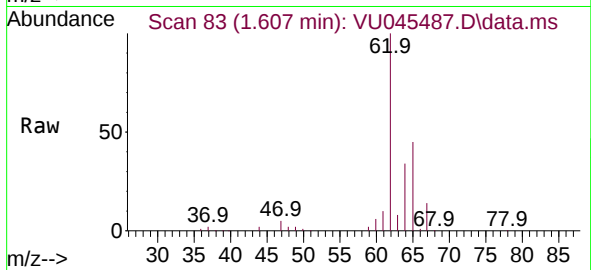




#5
 Vinyl chloride
 Concen: 48.220 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

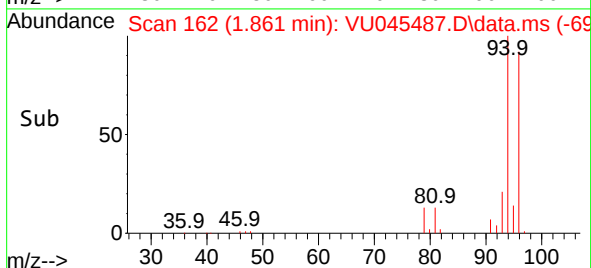
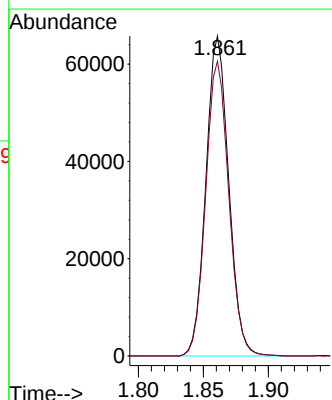
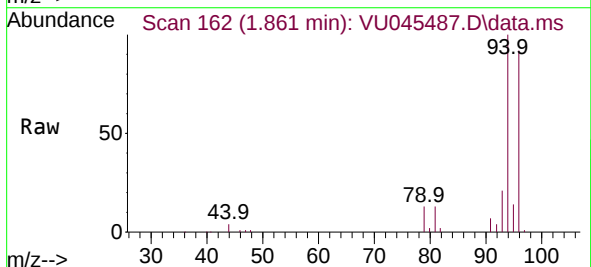
Instrument :
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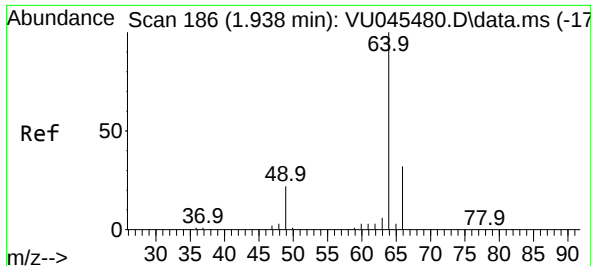
Tgt Ion: 62 Resp: 154413
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.3 43.3



#6
 Bromomethane
 Concen: 48.765 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

Tgt Ion: 94 Resp: 80370
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.9 120.5

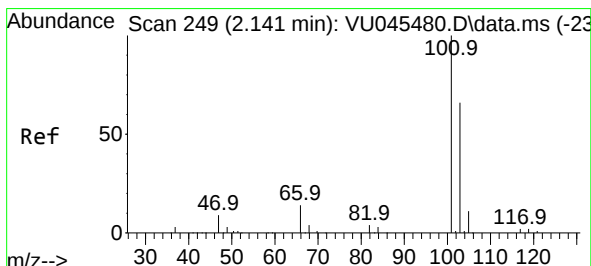
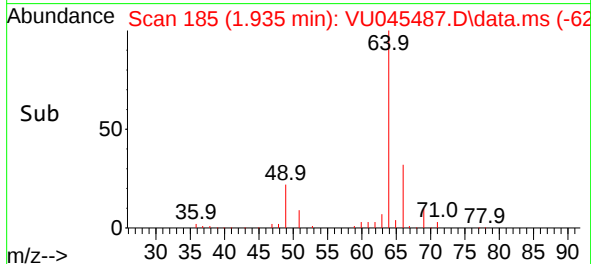
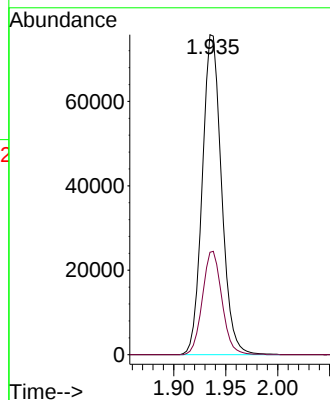
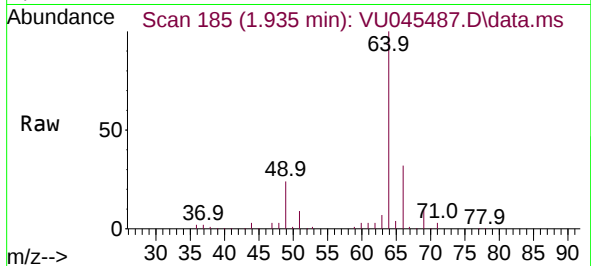




#8
Chloroethane
Concen: 51.554 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

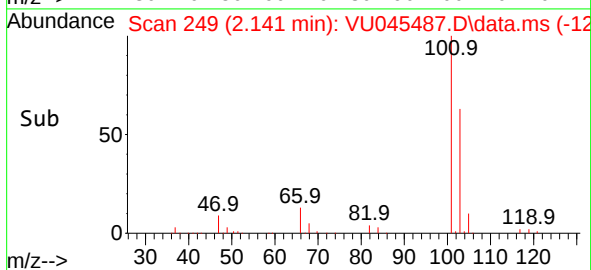
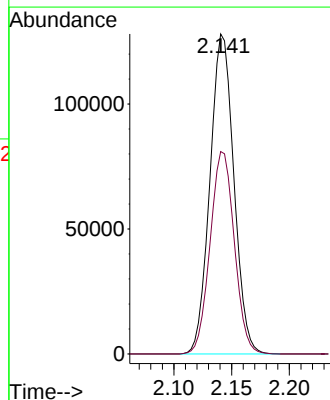
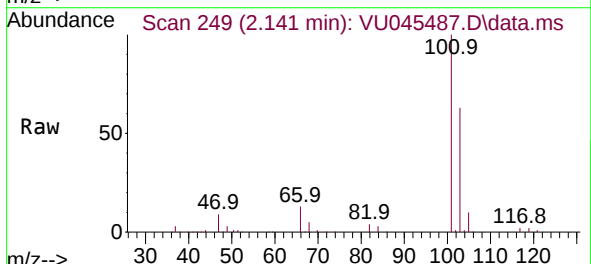
Instrument :
MSVOA_U
ClientSampleId :

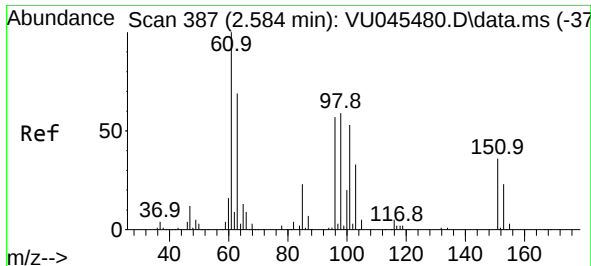
Tgt Ion: 64 Resp: 97529
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.658 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:101 Resp: 184385
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2





#10

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

Concen: 49.226 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

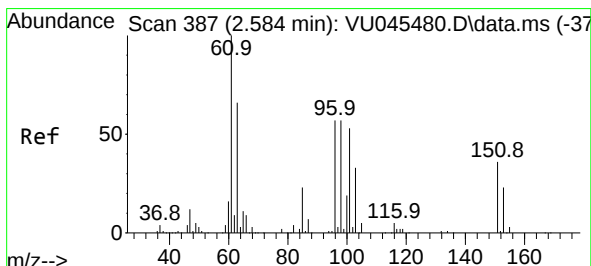
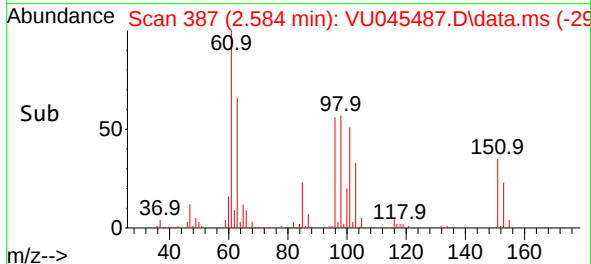
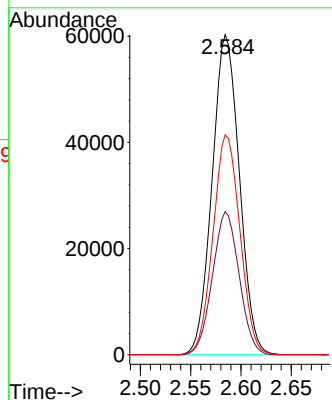
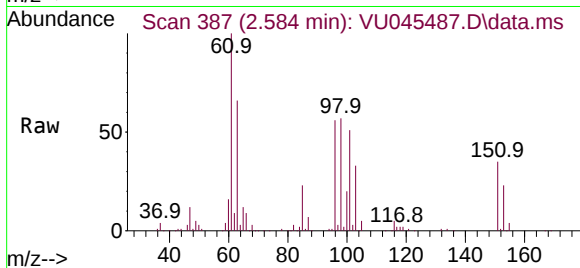
Tgt Ion:101 Resp: 113673

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

151 68.0 54.6 81.8



#12

1,1-Dichloroethene

Concen: 49.428 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

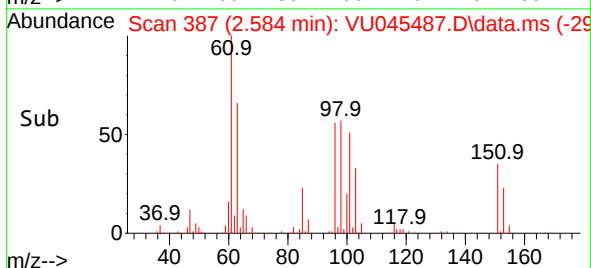
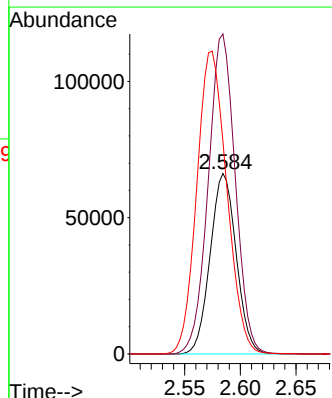
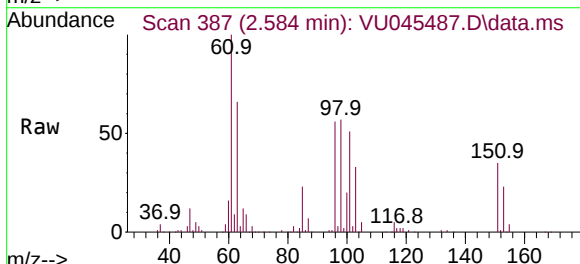
Tgt Ion: 96 Resp: 107705

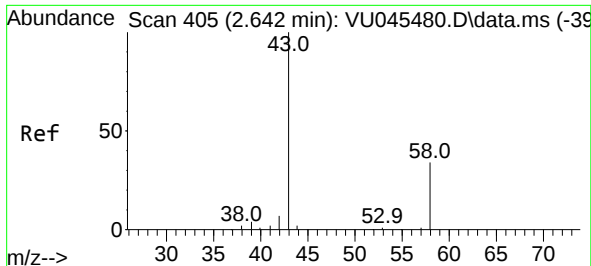
Ion Ratio Lower Upper

96 100

61 177.3 126.3 234.5

63 117.9 89.2 165.8

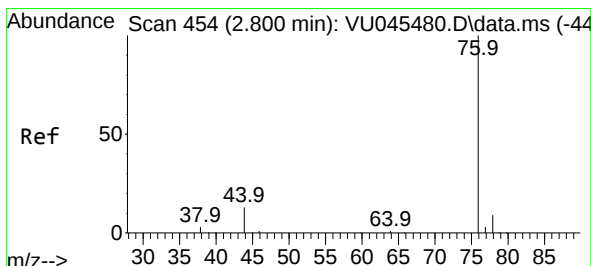
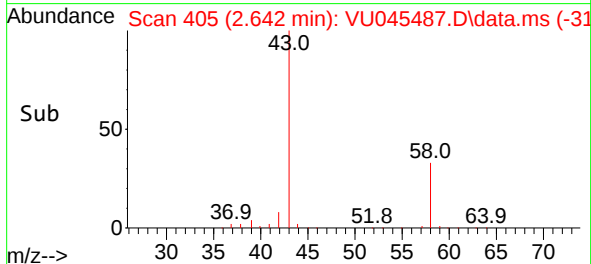
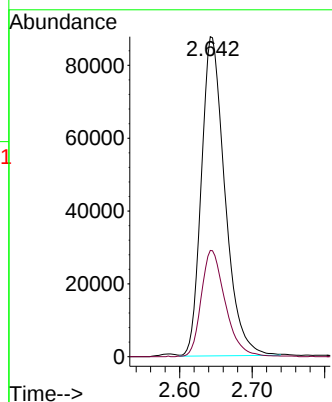
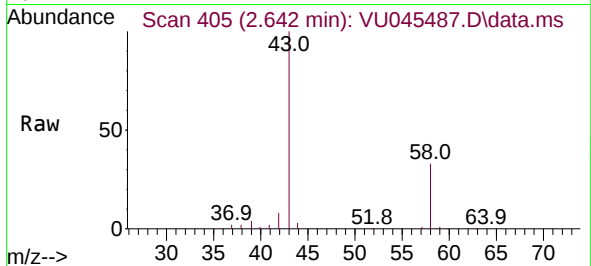




#13
Acetone
Concen: 111.056 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

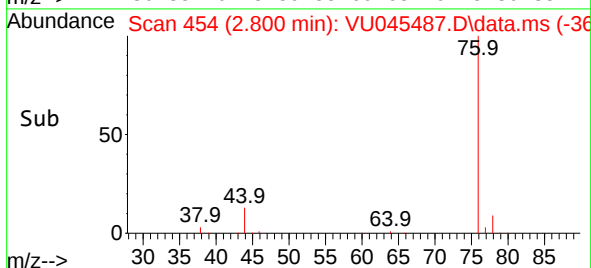
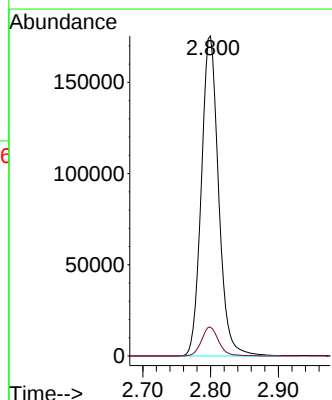
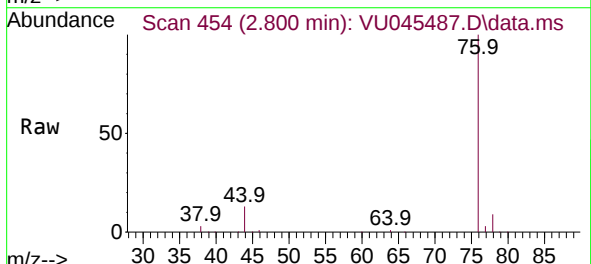
Instrument :
MSVOA_U
ClientSampleId :

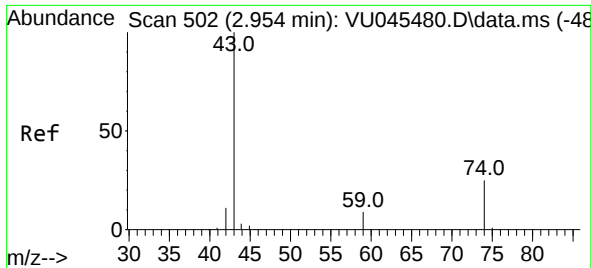
Tgt Ion: 43 Resp: 198062
Ion Ratio Lower Upper
43 100
58 34.0 0.0 66.2



#14
Carbon disulfide
Concen: 49.836 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 76 Resp: 310474
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

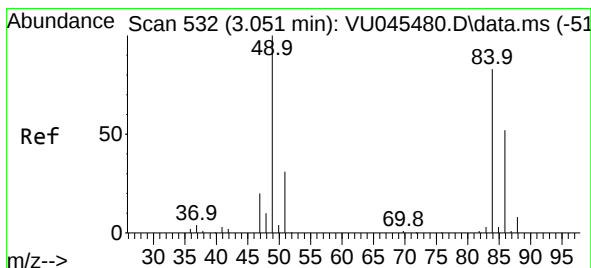
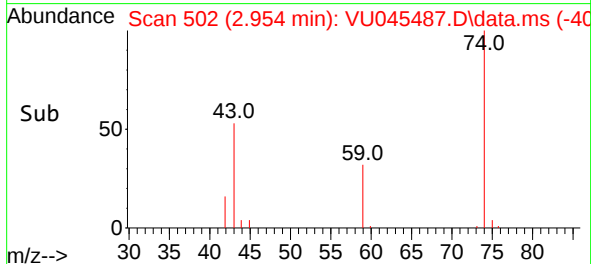
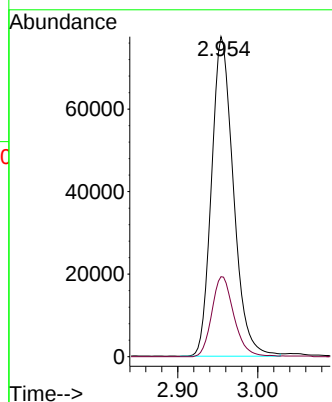
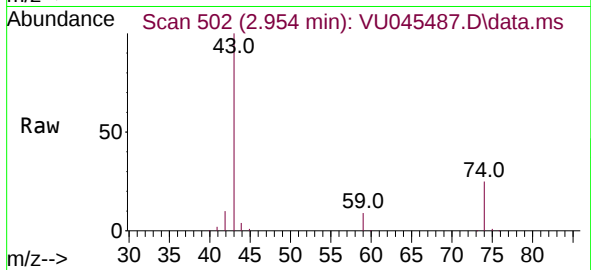




#15
Methyl Acetate
Concen: 48.963 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

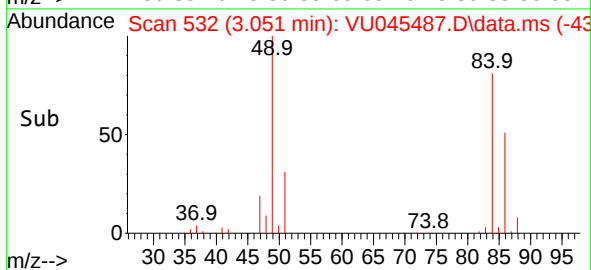
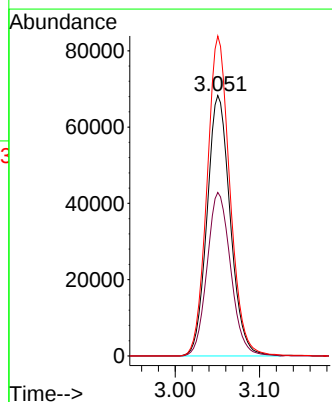
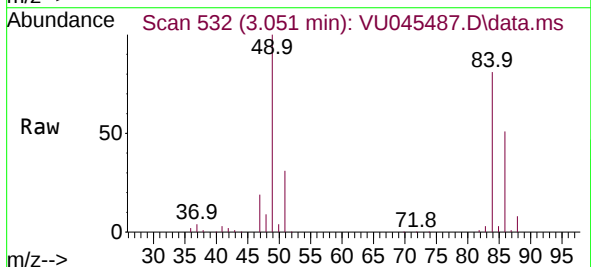
Instrument :
MSVOA_U
ClientSampleId :

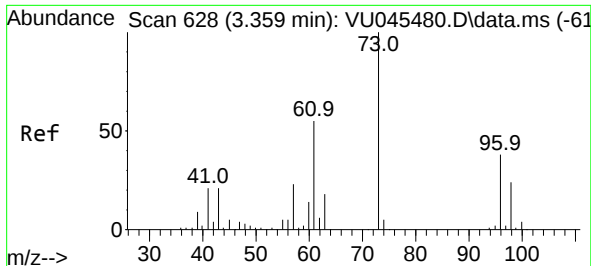
Tgt Ion: 43 Resp: 147535
Ion Ratio Lower Upper
43 100
74 25.1 20.0 30.0



#16
Methylene chloride
Concen: 48.637 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 84 Resp: 130799
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 122.8 85.9 159.5

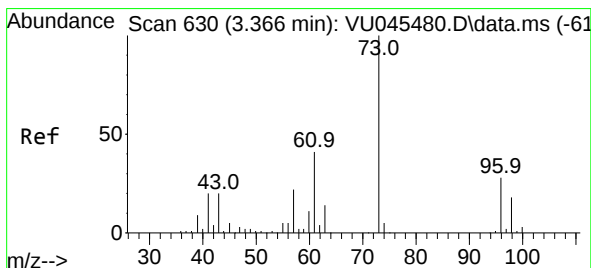
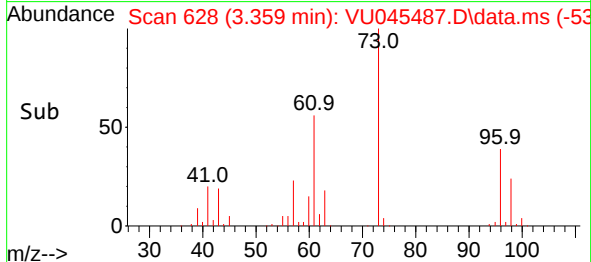
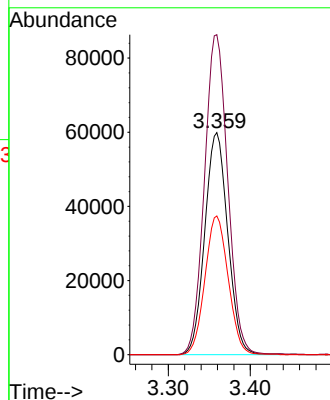
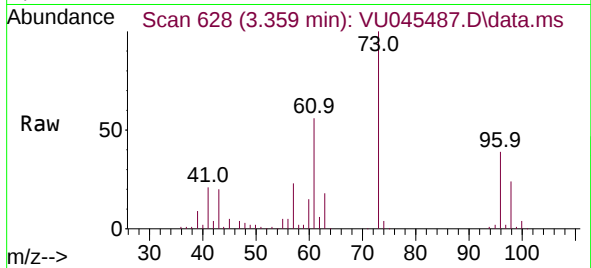




#17
trans-1,2-Dichloroethene
Concen: 50.127 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

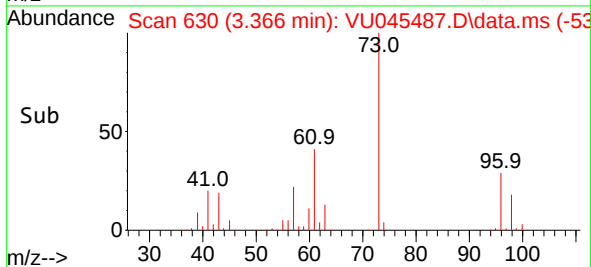
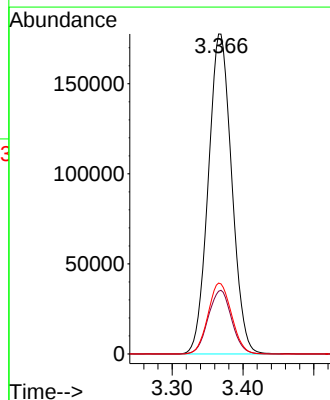
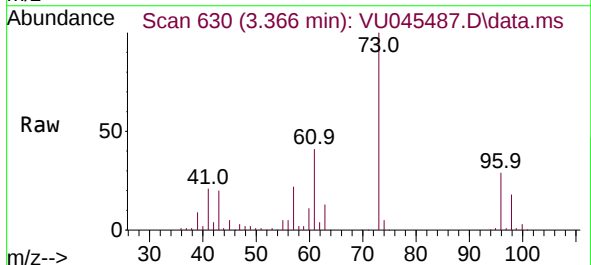
Instrument :
MSVOA_U
ClientSampleId :

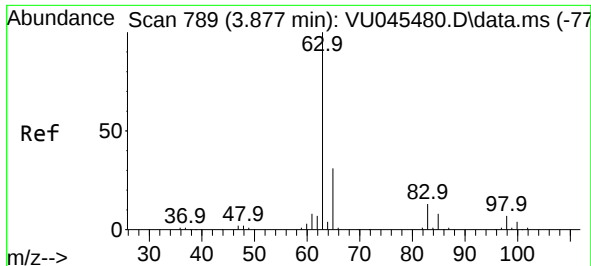
Tgt Ion: 96 Resp: 116870
Ion Ratio Lower Upper
96 100
61 144.1 101.8 189.2
98 62.5 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 49.848 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 73 Resp: 407494
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.4
57 22.2 18.1 27.1





#19

1,1-Dichloroethane

Concen: 49.467 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

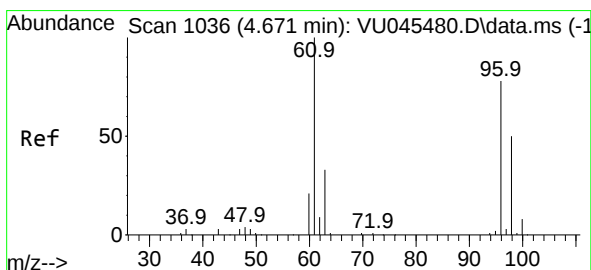
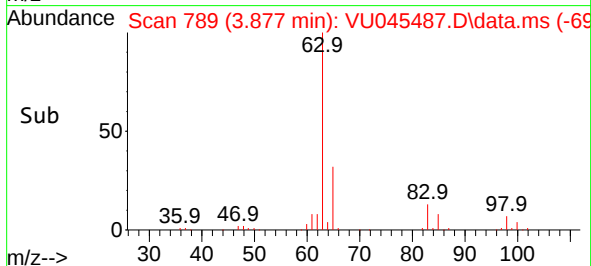
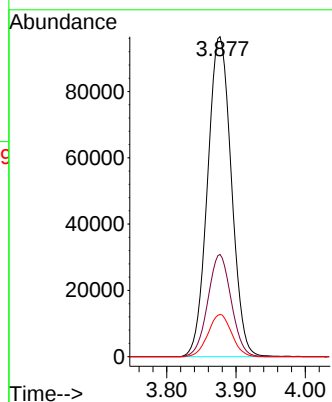
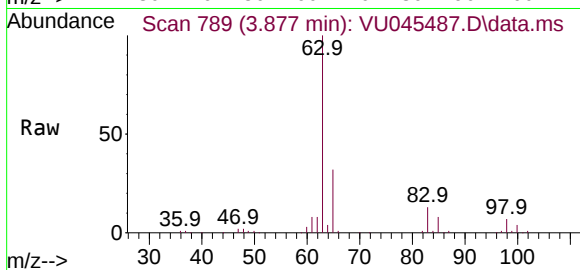
Tgt Ion: 63 Resp: 229869

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 49.474 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

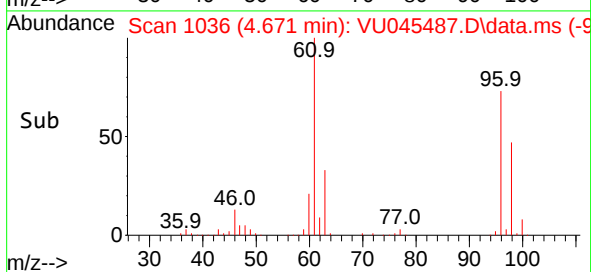
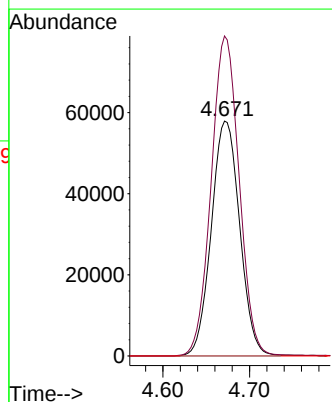
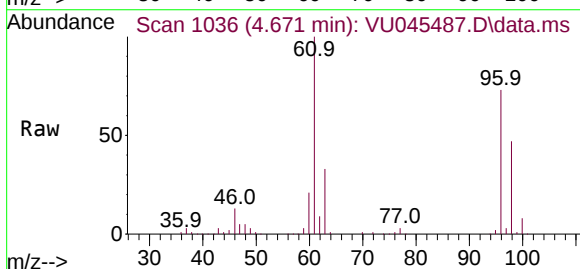
Tgt Ion: 96 Resp: 131572

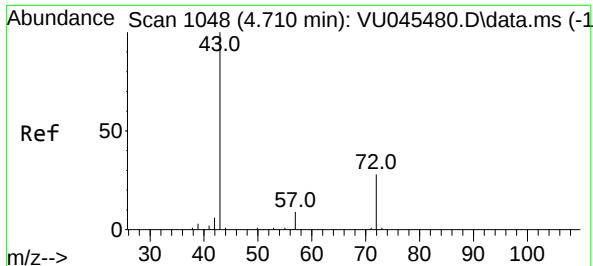
Ion Ratio Lower Upper

96 100

61 136.2 92.8 172.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.928 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

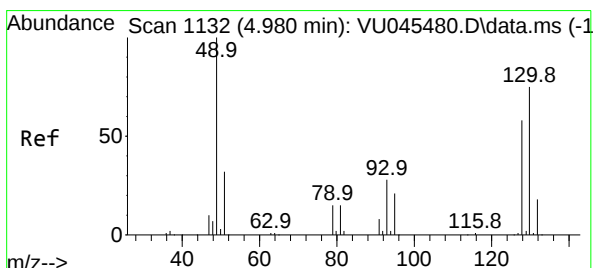
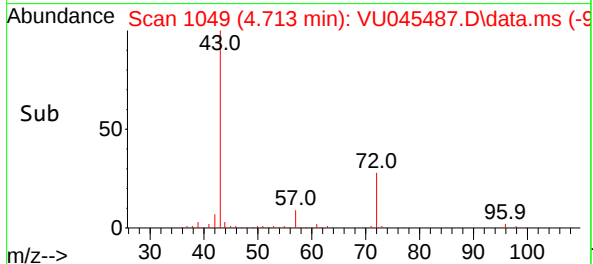
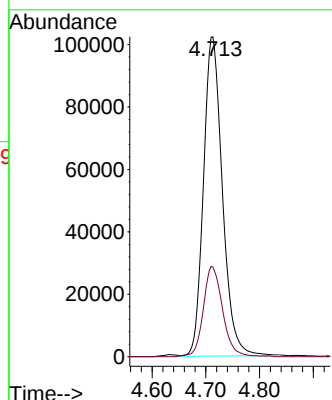
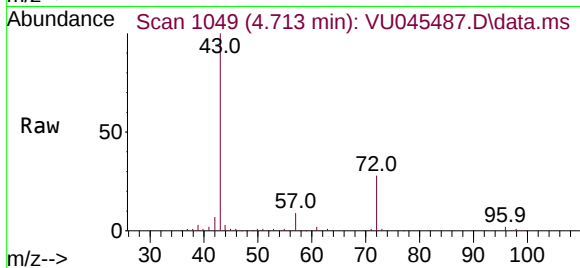
ClientSampleId :

Tgt Ion: 43 Resp: 250687

Ion Ratio Lower Upper

43 100

72 28.6 14.4 43.2



#23

Bromochloromethane

Concen: 49.560 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Tgt Ion: 128 Resp: 63453

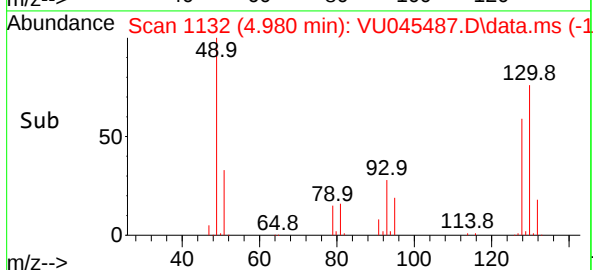
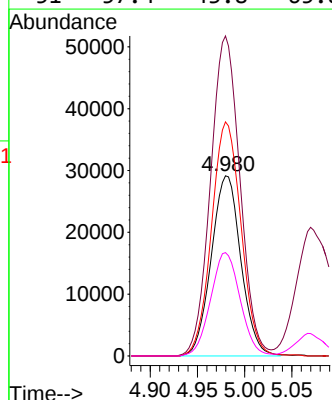
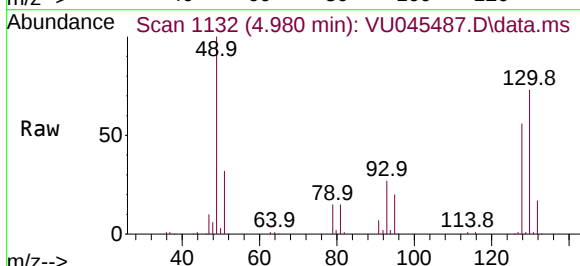
Ion Ratio Lower Upper

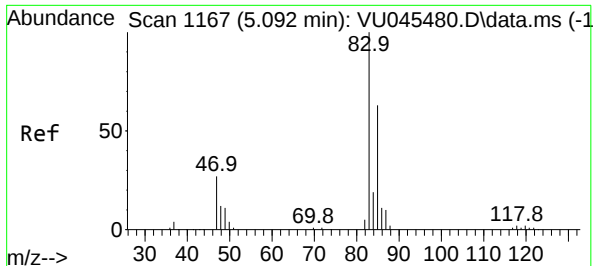
128 100

49 177.7 123.1 228.5

130 130.0 89.8 166.8

51 57.4 43.8 65.8





#25

Chloroform

Concen: 49.234 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

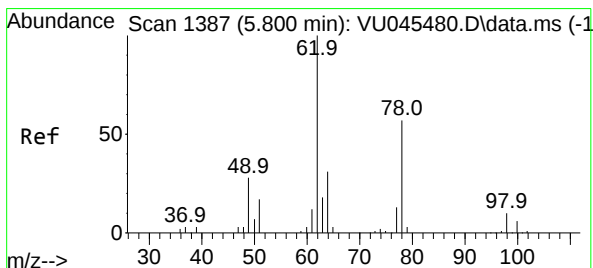
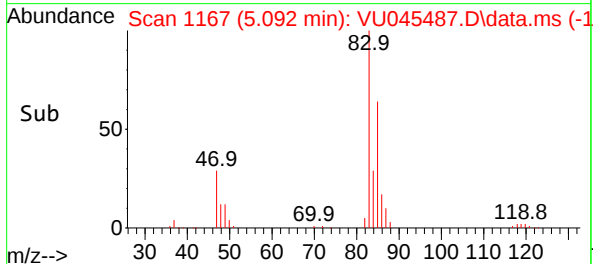
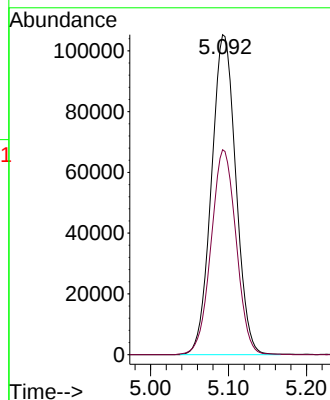
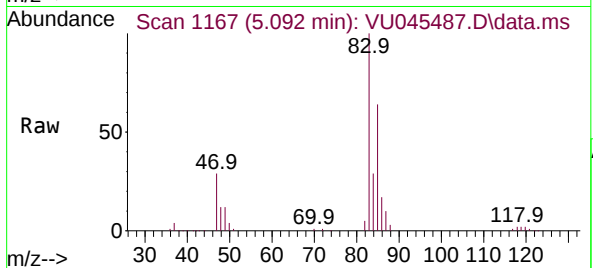
ClientSampleId :

Tgt Ion: 83 Resp: 228944

Ion Ratio Lower Upper

83 100

85 64.1 45.0 83.6



#27

1,2-Dichloroethane

Concen: 48.876 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045487.D

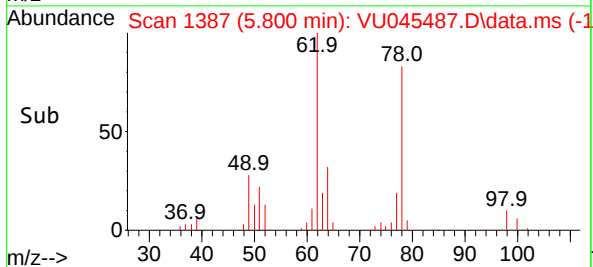
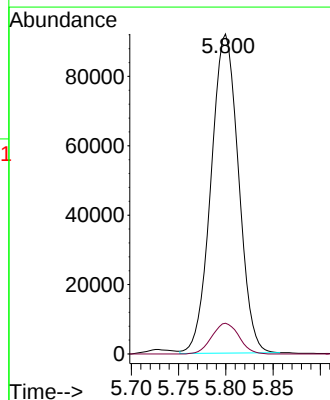
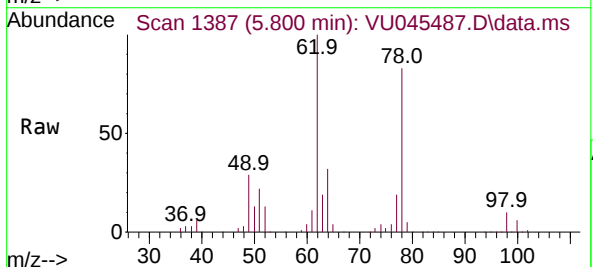
Acq: 01 Nov 2021 14:00

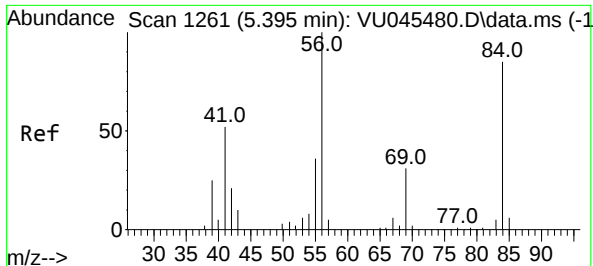
Tgt Ion: 62 Resp: 185924

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 49.769 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

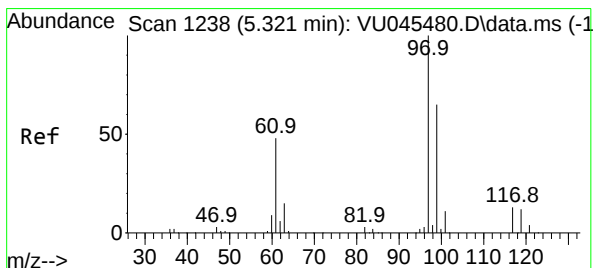
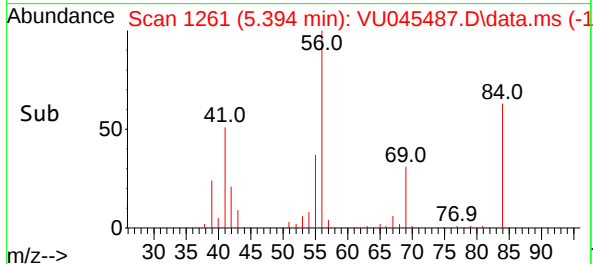
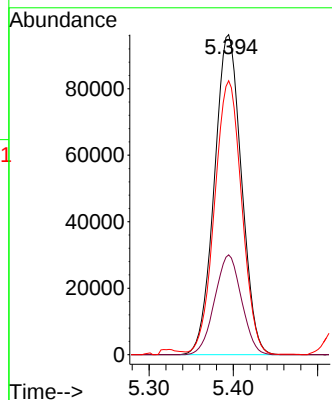
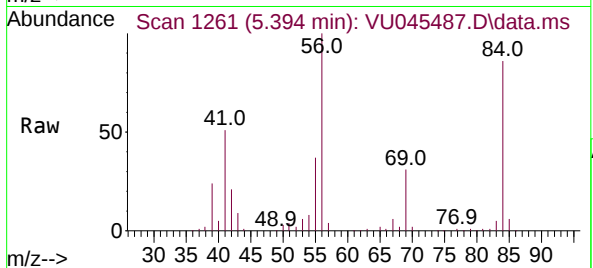
Tgt Ion: 56 Resp: 214918

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.4

84 85.6 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 49.557 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

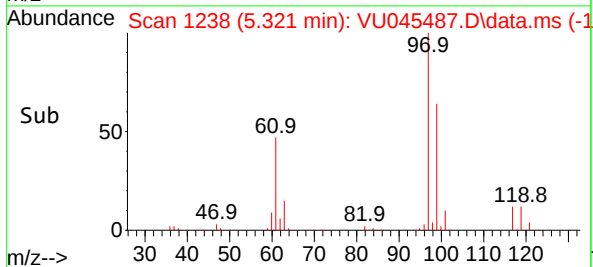
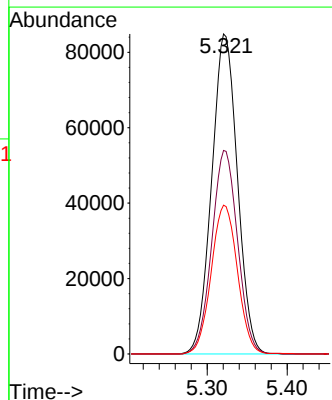
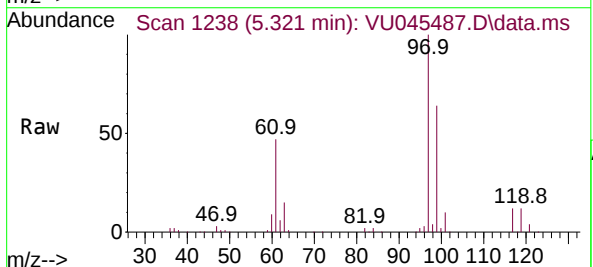
Tgt Ion: 97 Resp: 189573

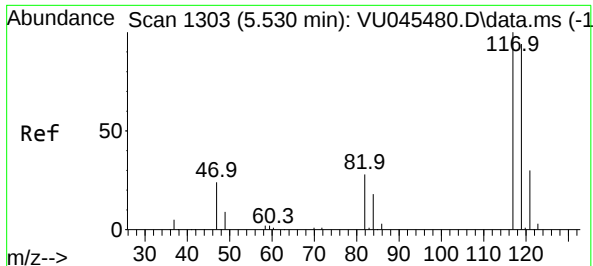
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 47.4 38.8 58.2

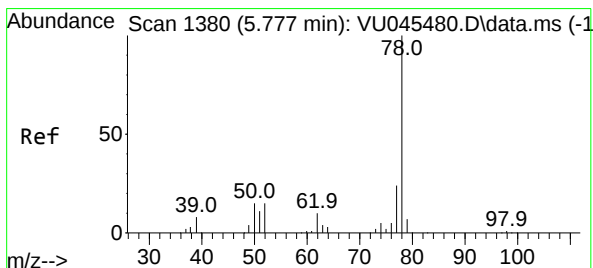
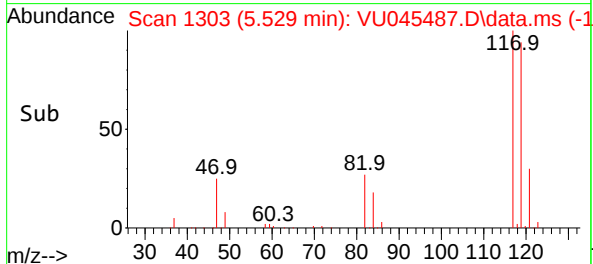
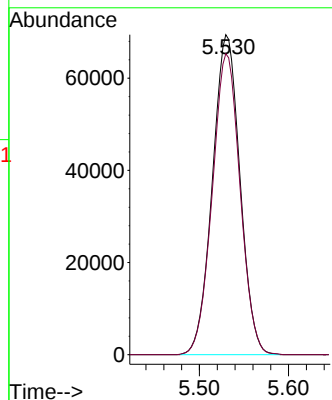
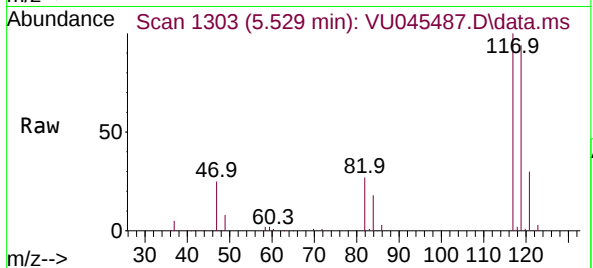




#31
Carbon tetrachloride
Concen: 49.270 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

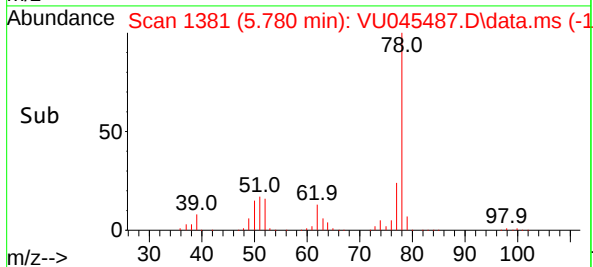
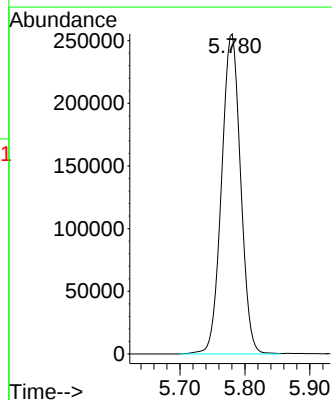
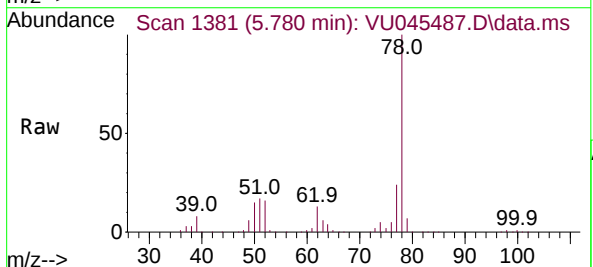
Instrument :
MSVOA_U
ClientSampleId :

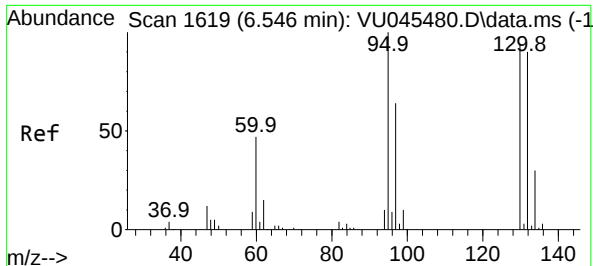
Tgt Ion:117 Resp: 149019
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4



#33
Benzene
Concen: 49.643 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 78 Resp: 518713

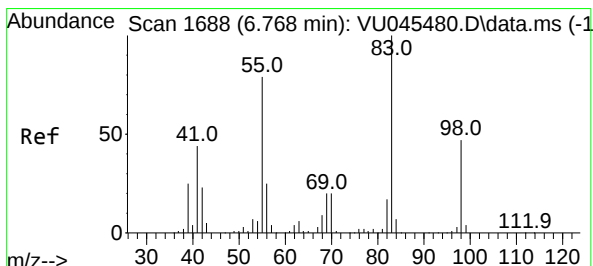
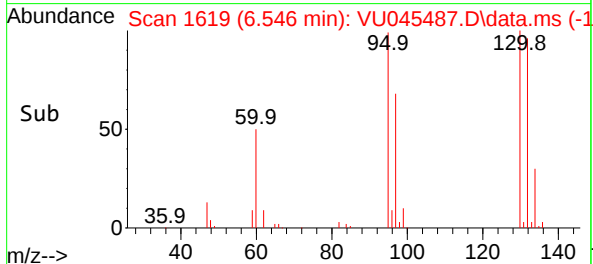
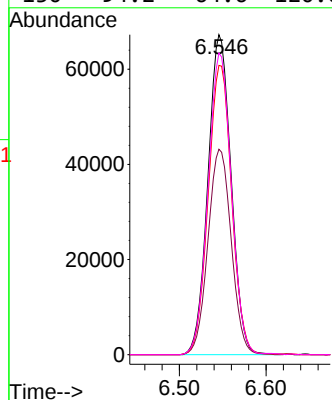
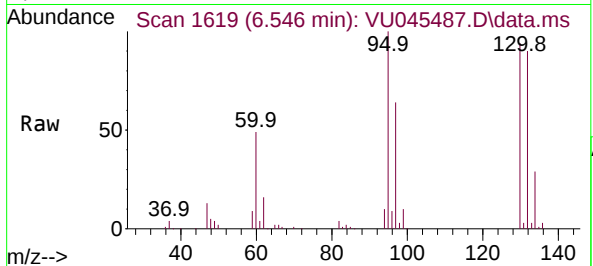




#34
Trichloroethene
Concen: 49.887 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

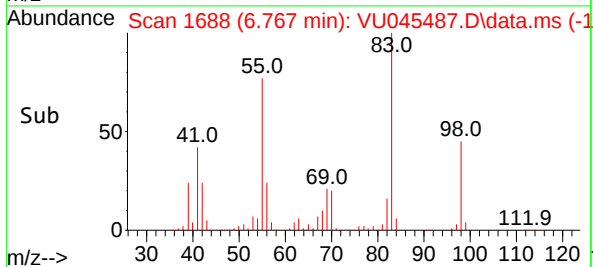
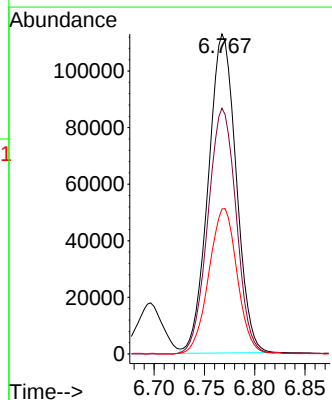
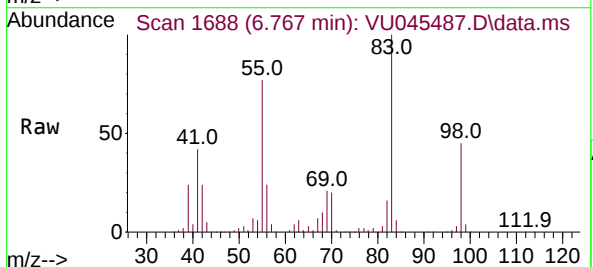
Instrument :
MSVOA_U
ClientSampleId :

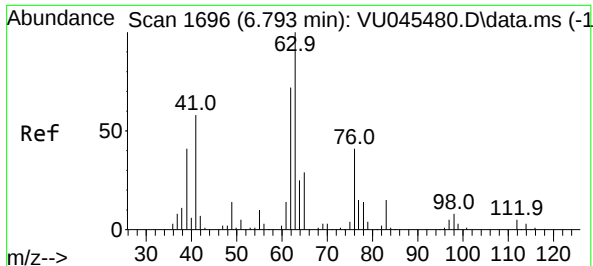
Tgt Ion: 95 Resp: 125130
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 90.4 63.3 117.7
130 94.2 64.6 120.0



#35
Methylcyclohexane
Concen: 49.910 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 83 Resp: 217524
Ion Ratio Lower Upper
83 100
55 78.4 62.8 94.2
98 46.4 37.4 56.2





#37

1,2-Dichloropropane

Concen: 49.142 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

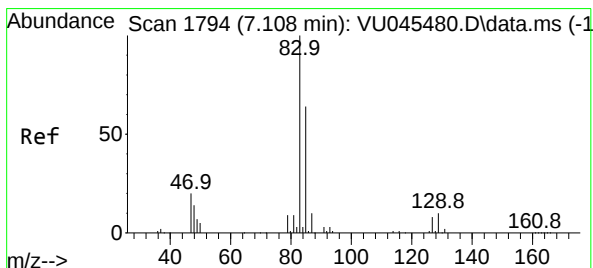
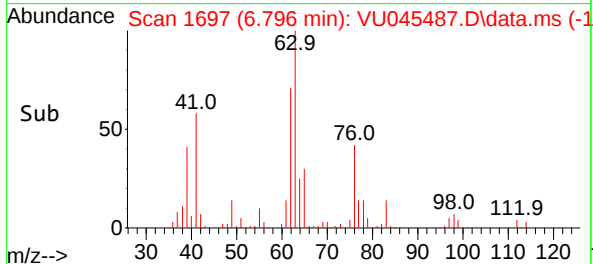
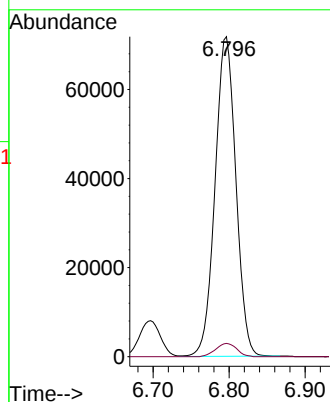
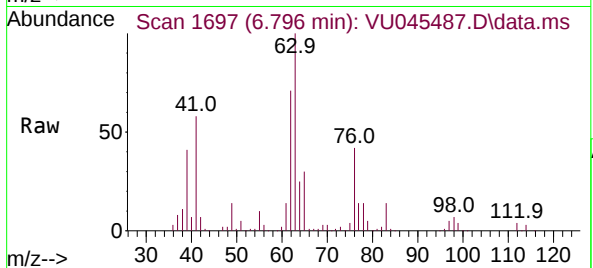
ClientSampleId :

Tgt Ion: 63 Resp: 136320

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 49.516 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

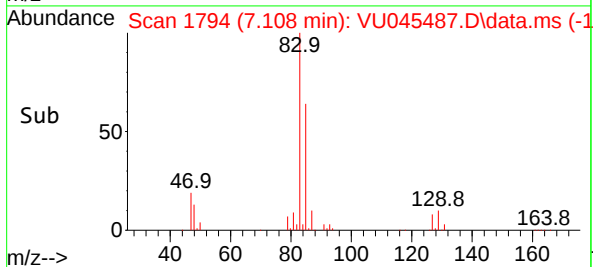
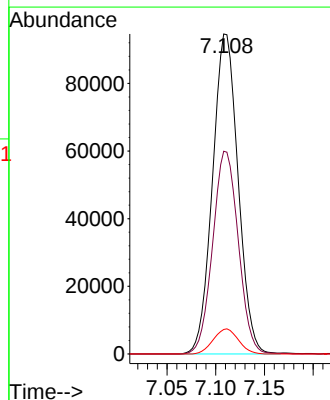
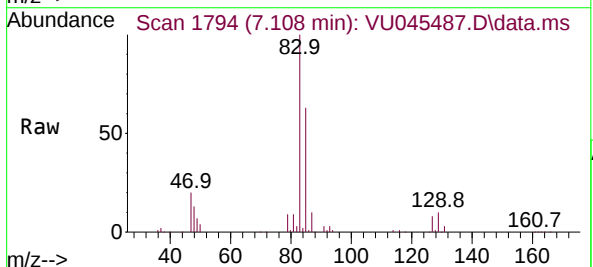
Tgt Ion: 83 Resp: 172704

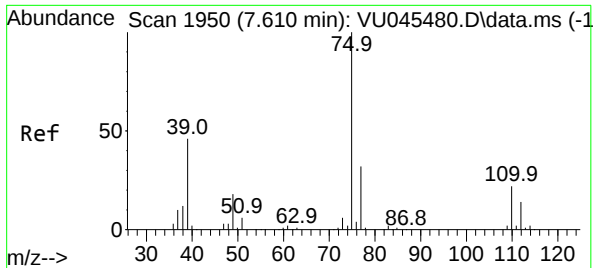
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.9

127 7.6 6.2 9.2

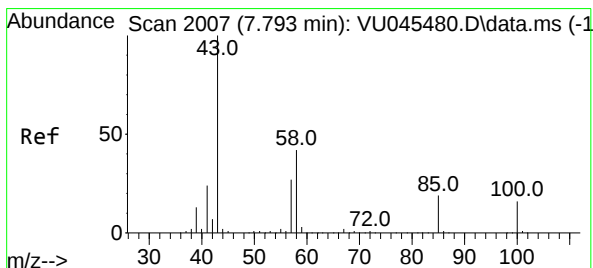
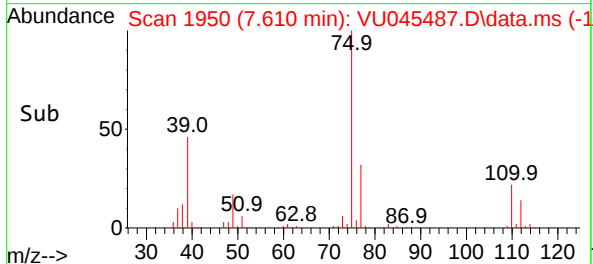
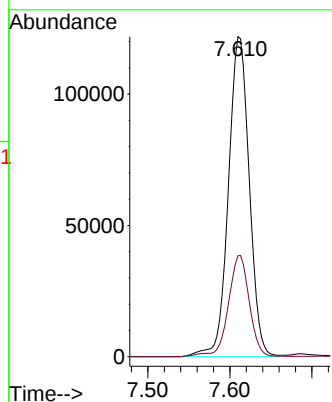
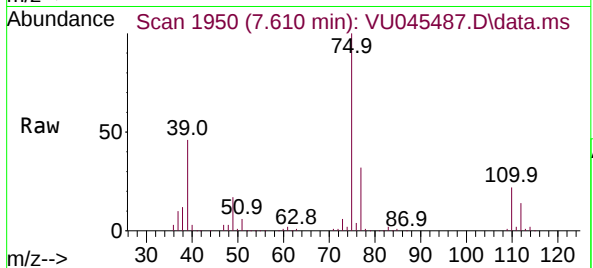




#39
 cis-1,3-Dichloropropene
 Concen: 50.765 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

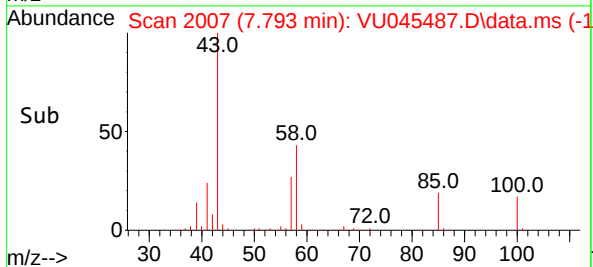
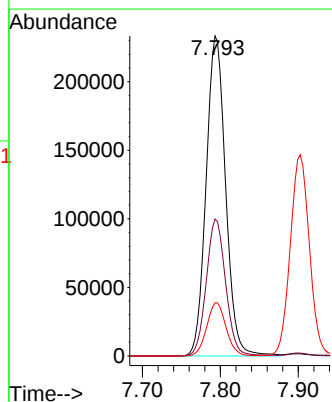
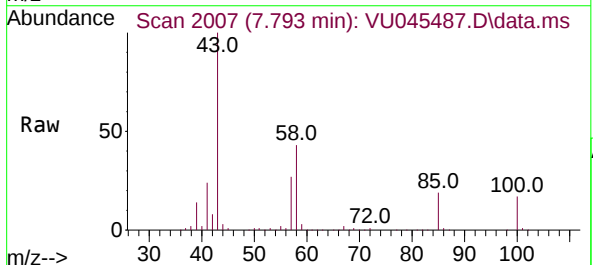
Instrument :
 MSVOA_U
 ClientSampleId :

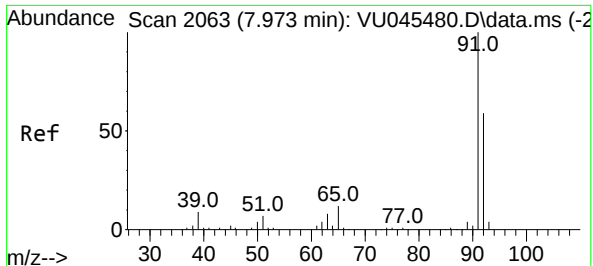
Tgt Ion: 75 Resp: 215425
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 99.167 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

Tgt Ion: 43 Resp: 405974
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.9 50.9
 100 16.6 13.3 19.9





#42

Toluene

Concen: 50.310 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

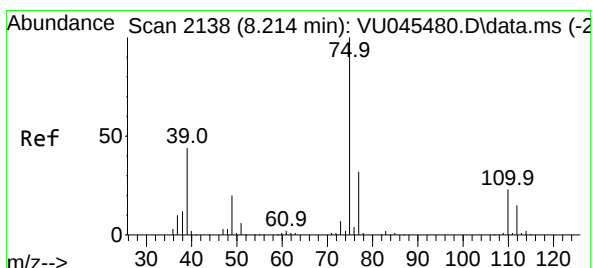
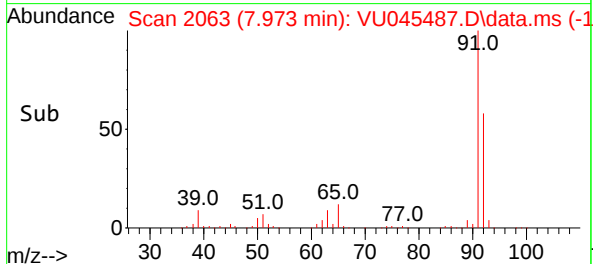
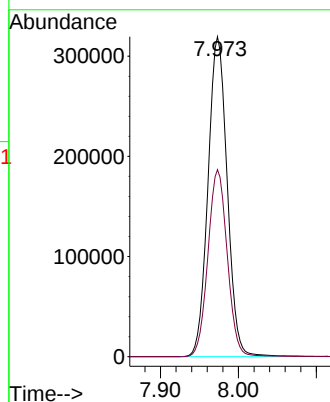
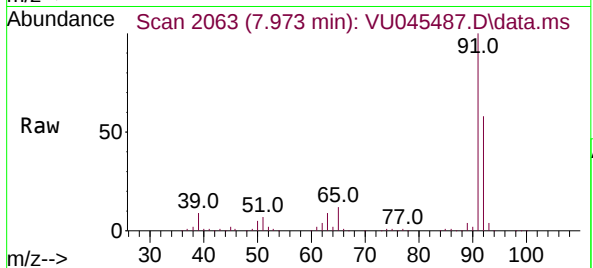
ClientSampleId :

Tgt Ion: 91 Resp: 547025

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 51.729 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045487.D

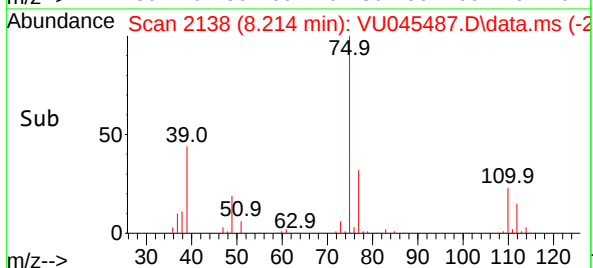
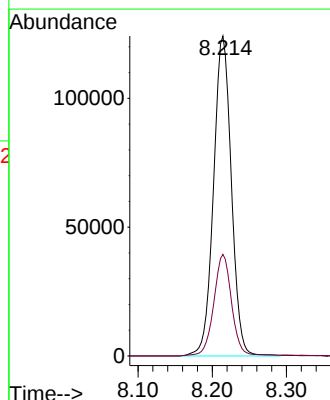
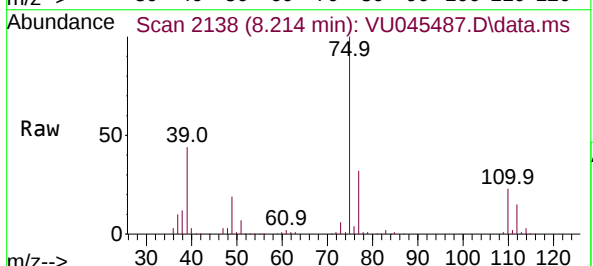
Acq: 01 Nov 2021 14:00

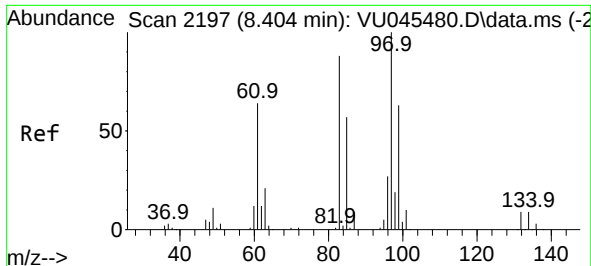
Tgt Ion: 75 Resp: 206989

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1



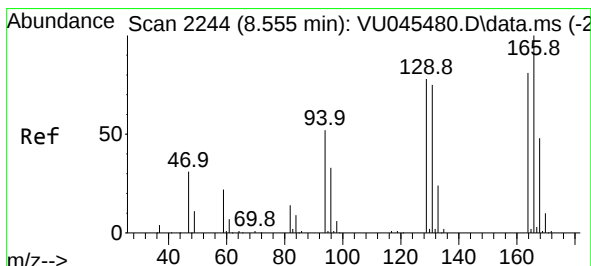
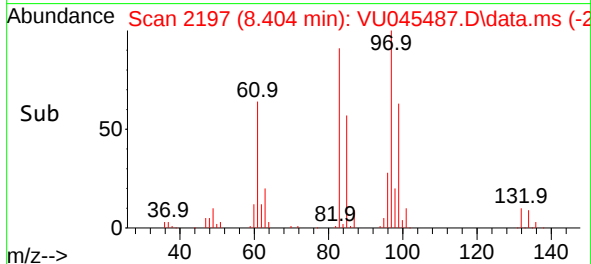
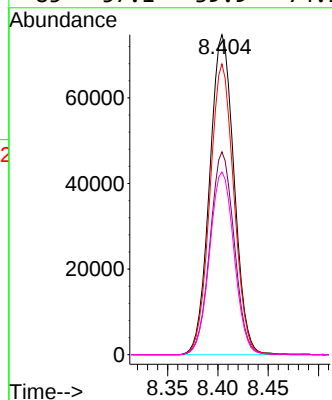
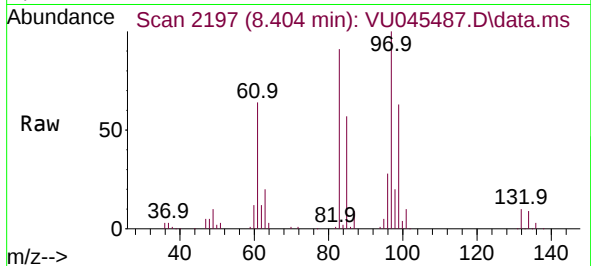


#45
1,1,2-Trichloroethane
Concen: 49.095 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 126471

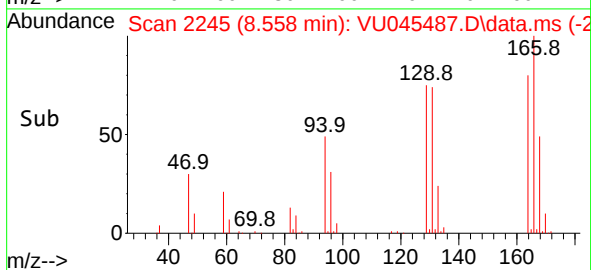
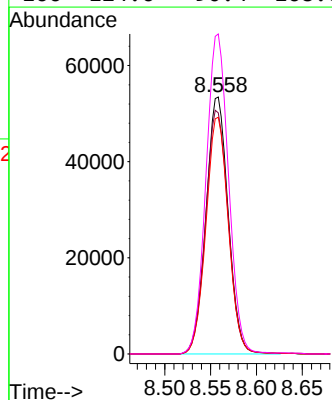
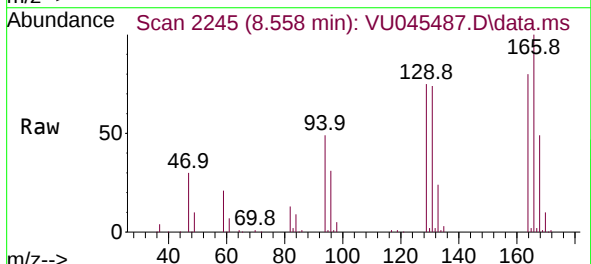
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.7	82.9
83	90.9	61.5	114.1
85	57.1	39.9	74.1

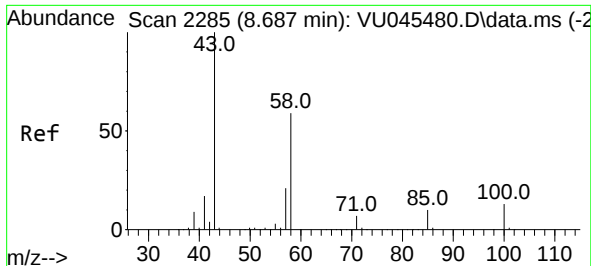


#46
Tetrachloroethene
Concen: 50.579 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 164 Resp: 89991

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.8	124.2
131	92.1	65.6	121.8
166	124.6	90.4	168.0

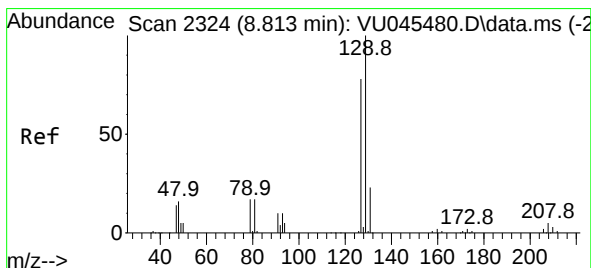
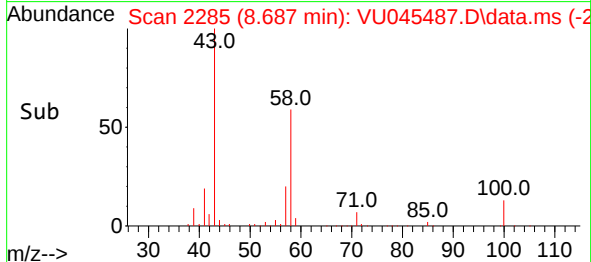
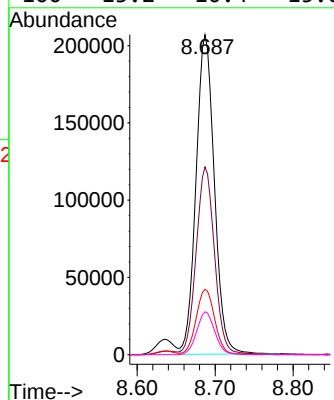
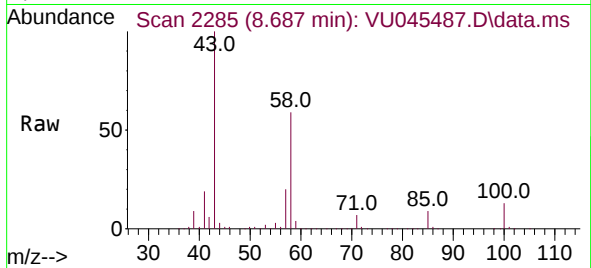




#48
2-Hexanone
Concen: 99.069 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

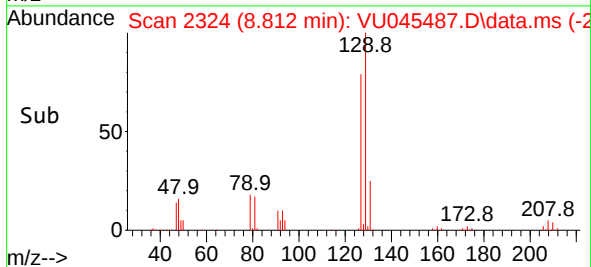
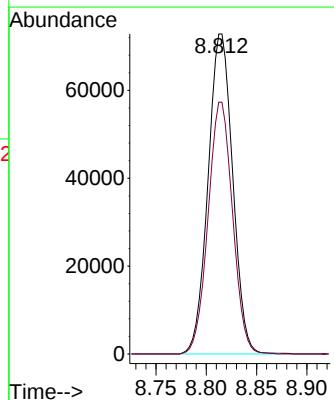
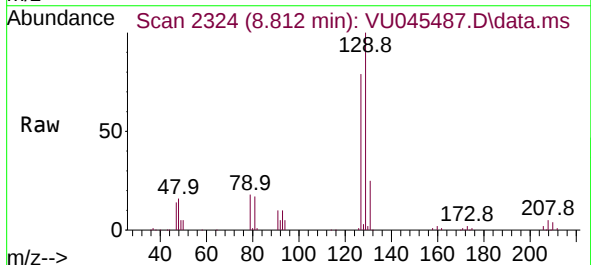
Instrument :
MSVOA_U
ClientSampleId :

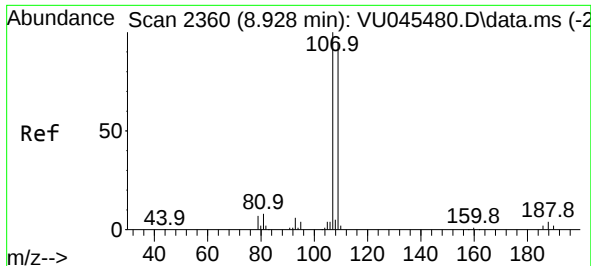
Tgt Ion: 43	Resp: 337815
Ion Ratio	Lower Upper
43 100	
58 58.7	47.0 70.4
57 20.9	16.3 24.5
100 13.2	10.4 15.6



#49
Dibromochloromethane
Concen: 50.013 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:129	Resp: 124148		
Ion Ratio	Lower	Upper	
129 100			
127 78.7	54.9	101.9	





#50

1,2-Dibromoethane

Concen: 50.121 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

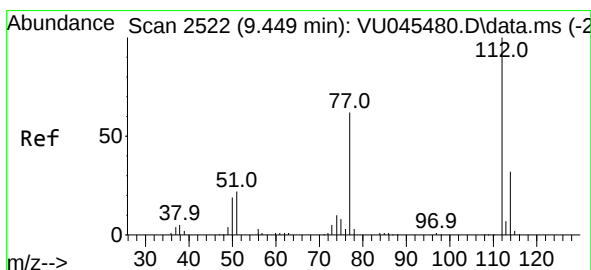
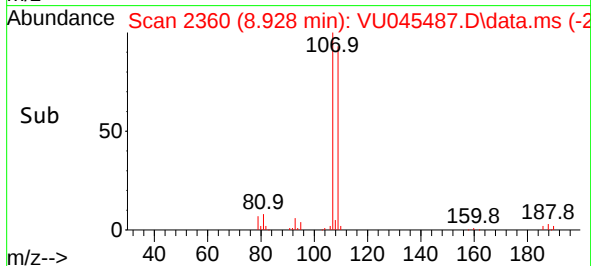
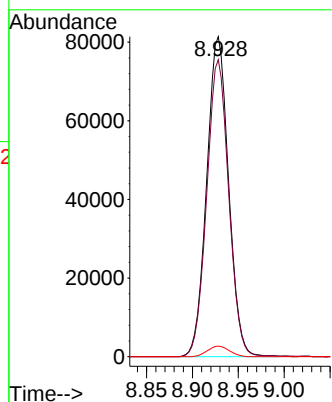
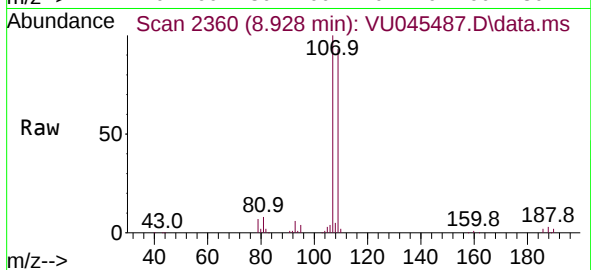
Tgt Ion:107 Resp: 135499

Ion Ratio Lower Upper

107 100

109 92.8 66.1 122.8

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 50.185 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

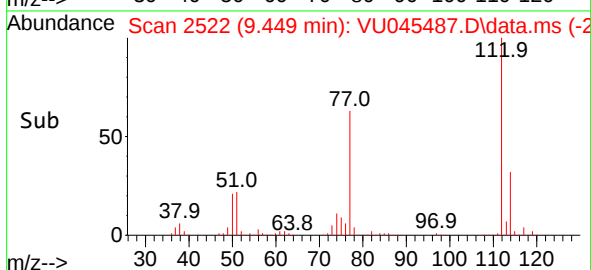
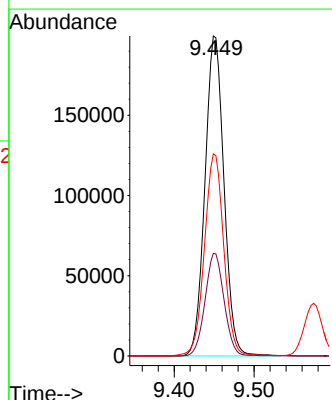
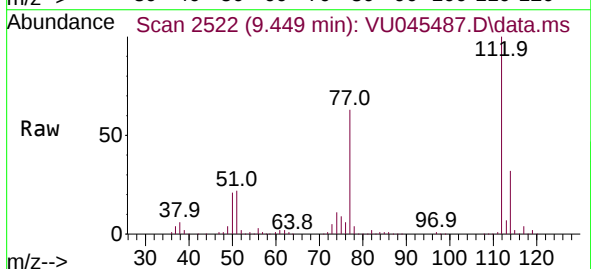
Tgt Ion:112 Resp: 329717

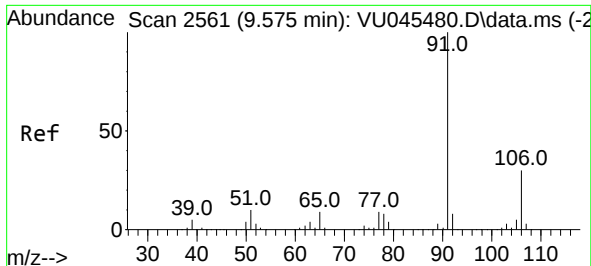
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 63.2 49.8 74.6

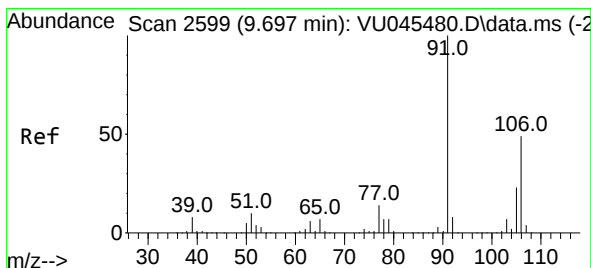
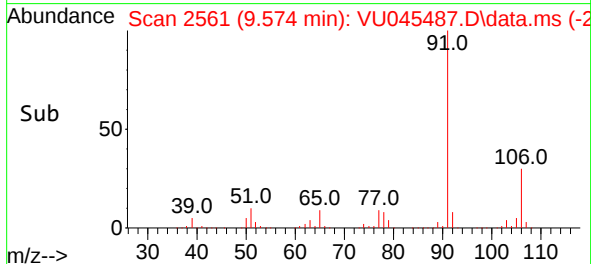
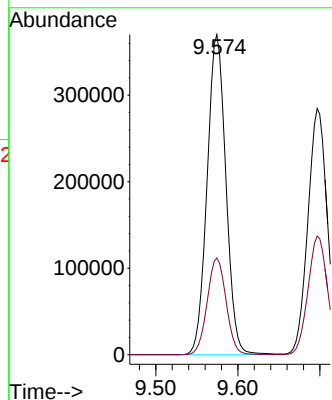
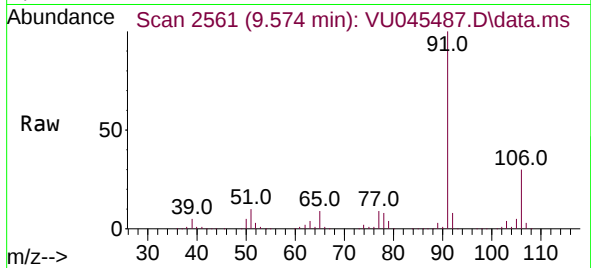




#52
Ethylbenzene
Concen: 51.051 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

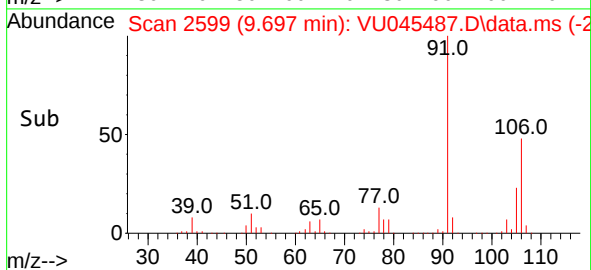
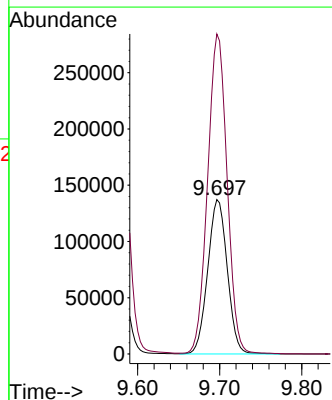
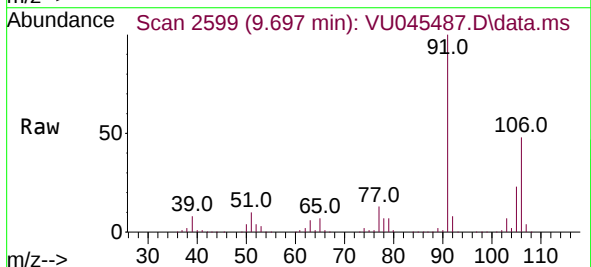
Instrument :
MSVOA_U
ClientSampleId :

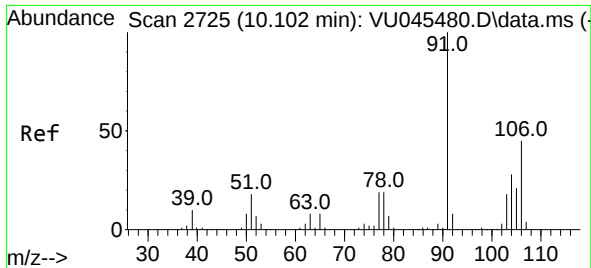
Tgt Ion: 91 Resp: 588774
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 51.512 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:106 Resp: 227337
Ion Ratio Lower Upper
106 100
91 207.2 142.2 264.2

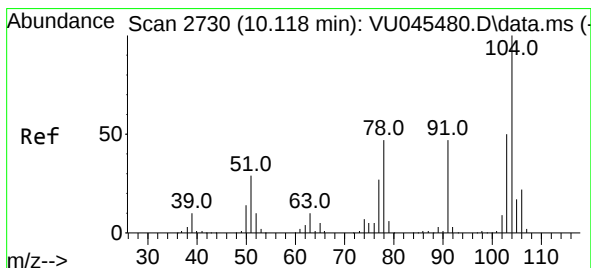
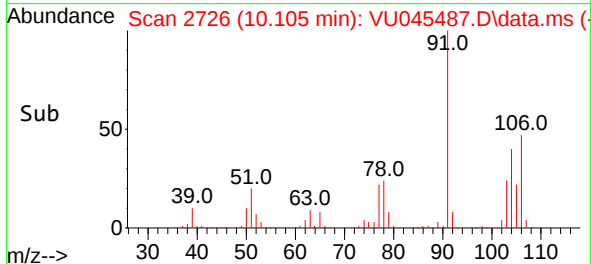
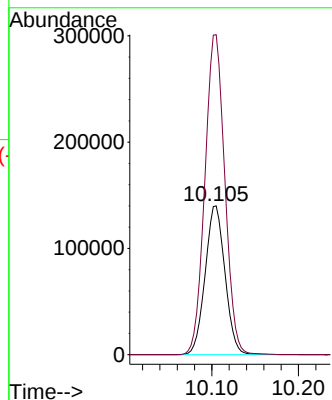
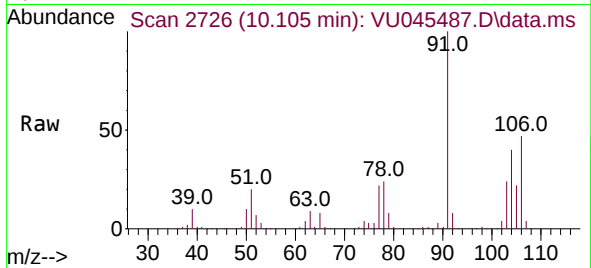




#54
o-xylene
Concen: 50.961 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

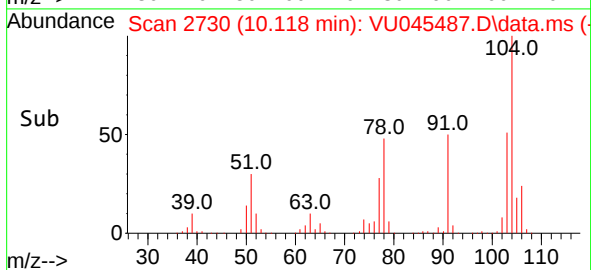
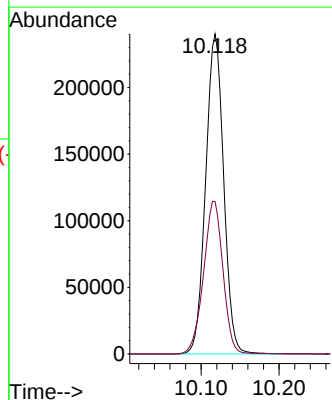
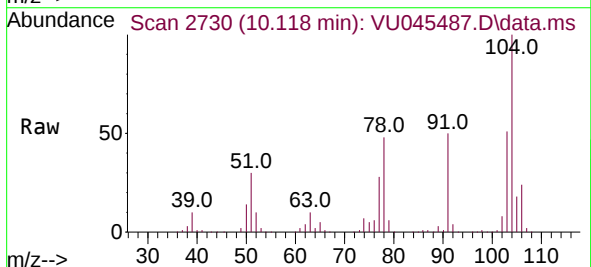
Instrument :
MSVOA_U
ClientSampleId :

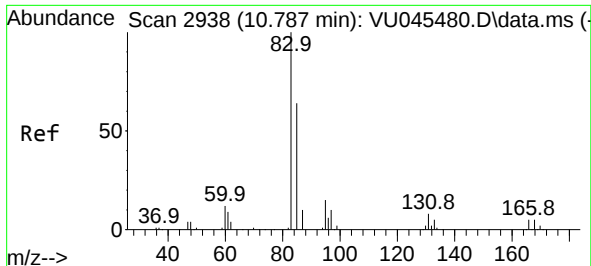
Tgt Ion:106 Resp: 222758
Ion Ratio Lower Upper
106 100
91 214.9 155.2 288.2



#55
Styrene
Concen: 52.480 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:104 Resp: 385399
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.6

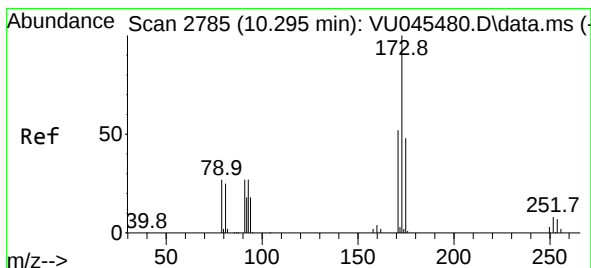
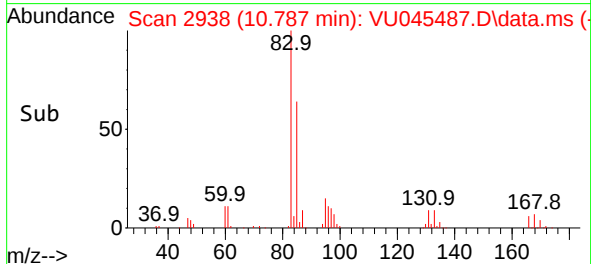
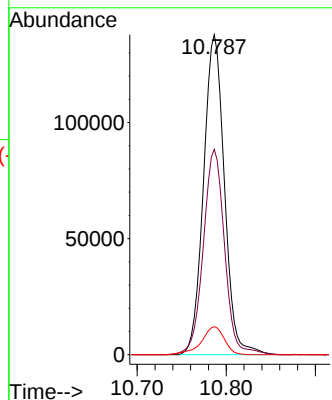
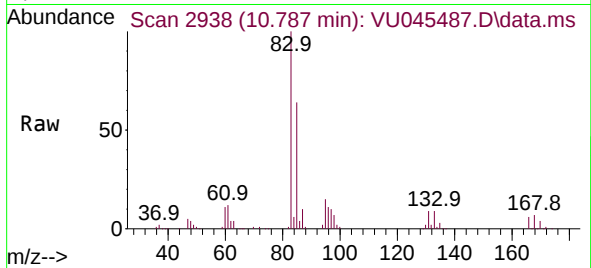




#57
1,1,2,2-Tetrachloroethane
Concen: 49.049 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

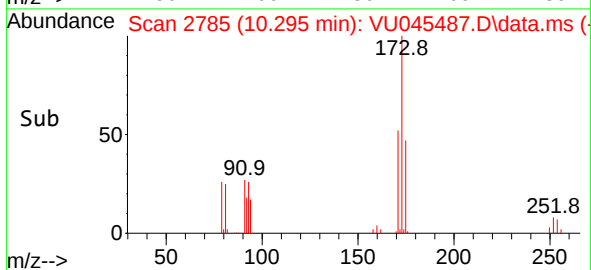
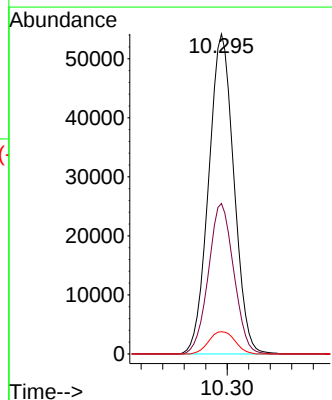
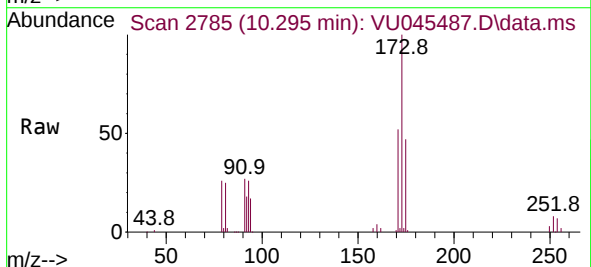
Instrument :
MSVOA_U
ClientSampleId :

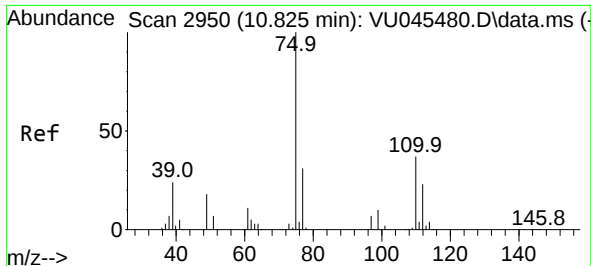
Tgt Ion: 83 Resp: 224466
Ion Ratio Lower Upper
83 100
85 64.1 46.0 85.4
131 8.8 7.0 10.4



#59
Bromoform
Concen: 48.779 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:173 Resp: 88243
Ion Ratio Lower Upper
173 100
175 47.1 38.7 58.1
254 7.2 5.8 8.8

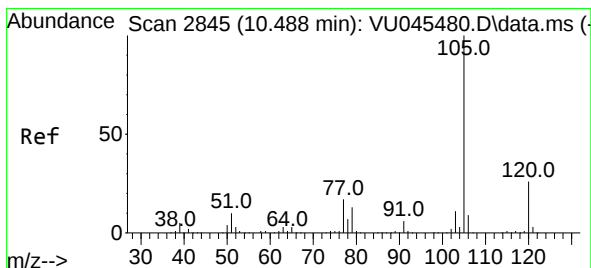
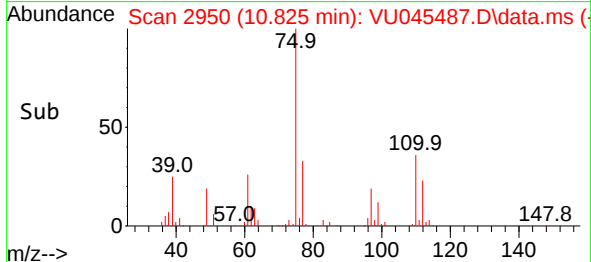
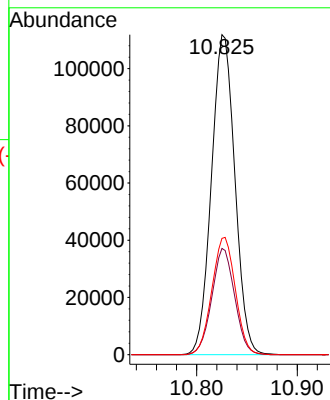
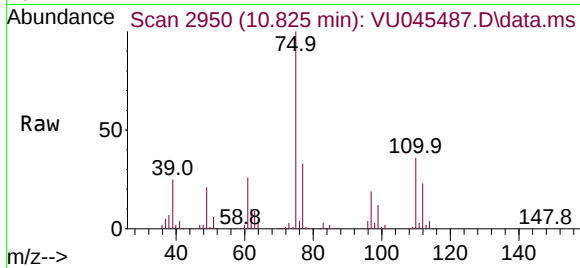




#60
1,2,3-Trichloropropane
Concen: 46.943 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

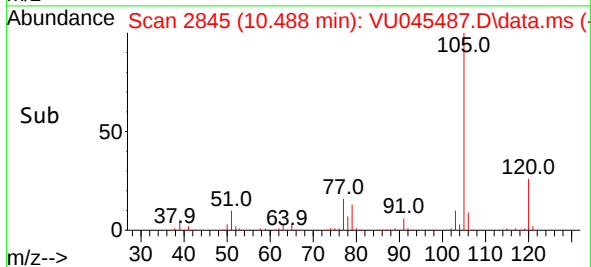
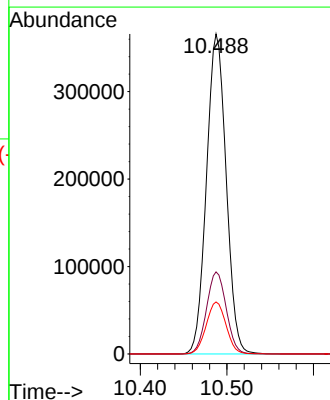
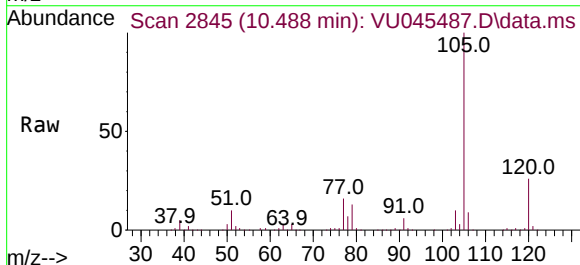
Instrument :
MSVOA_U
ClientSampleId :

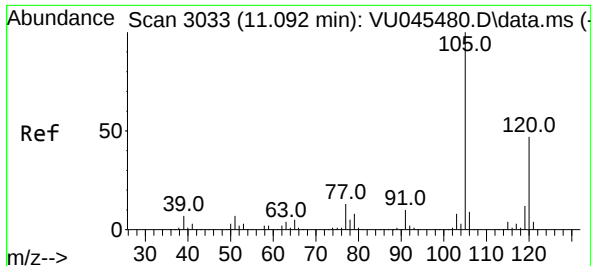
Tgt Ion: 75 Resp: 181351
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9
110 36.6 29.8 44.8



#61
Isopropylbenzene
Concen: 49.723 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion: 105 Resp: 576619
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 16.4 13.3 19.9

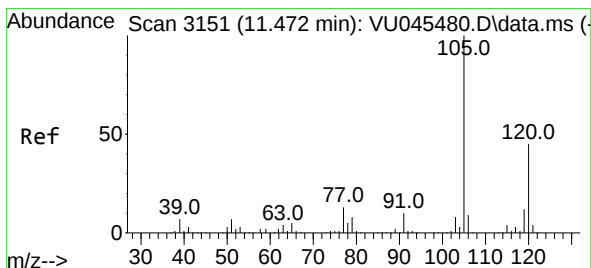
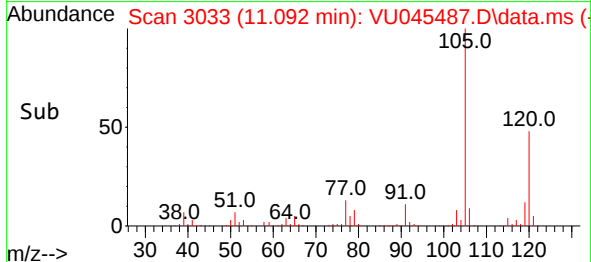
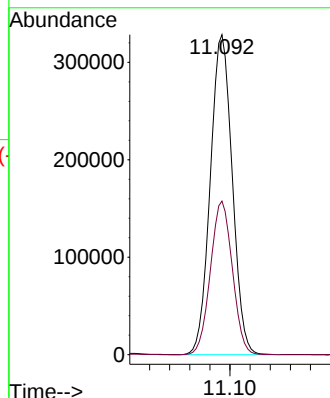
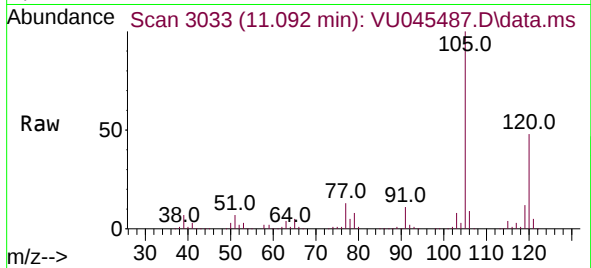




#62
 1,3,5-Trimethylbenzene
 Concen: 50.381 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

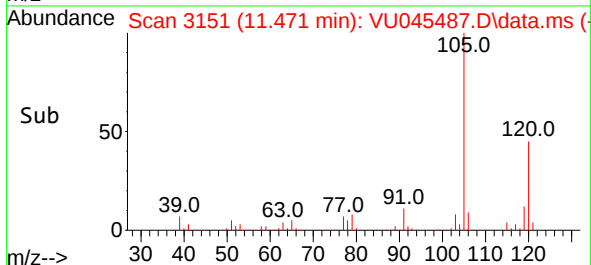
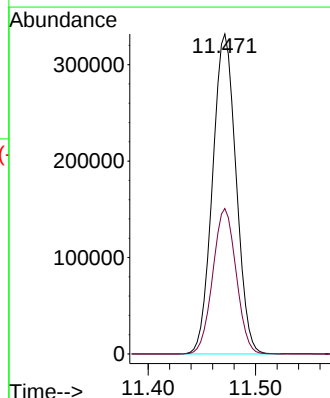
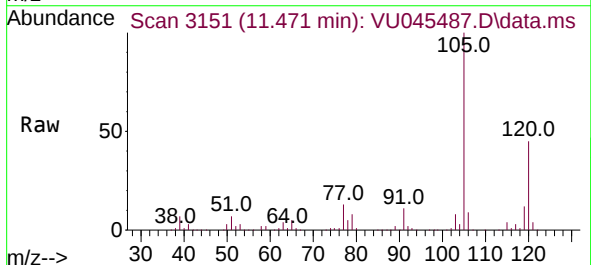
Instrument :
 MSVOA_U
 ClientSampleId :

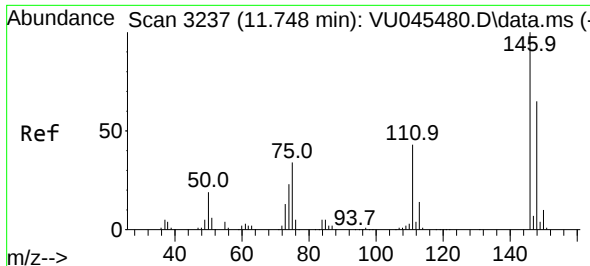
Tgt Ion:105 Resp: 497572
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.221 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

Tgt Ion:105 Resp: 504089
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.6 53.4

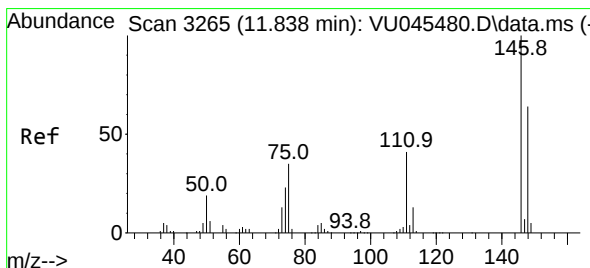
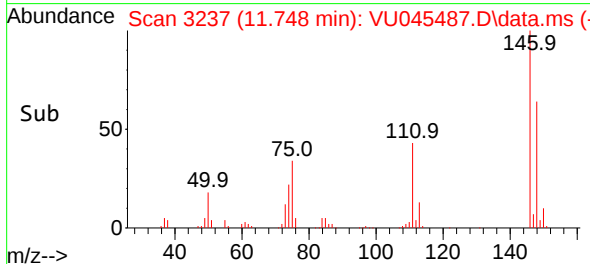
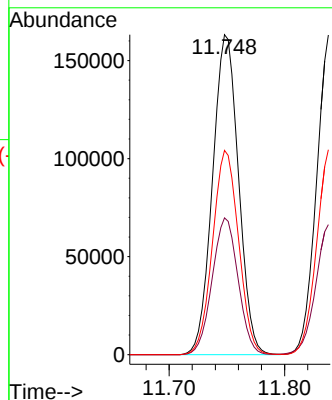
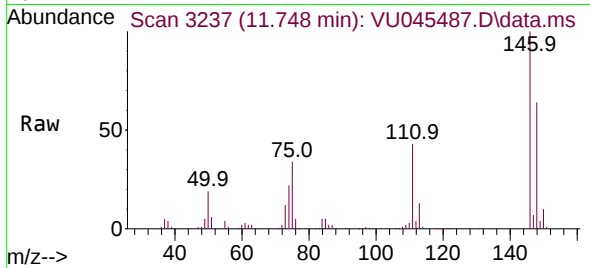




#64
1,3-Dichlorobenzene
Concen: 49.731 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

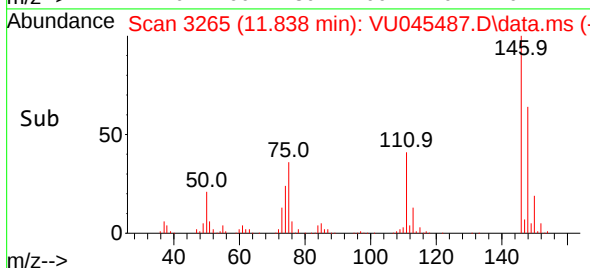
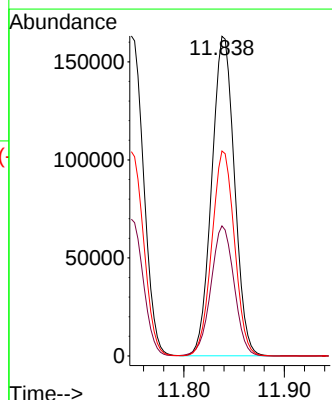
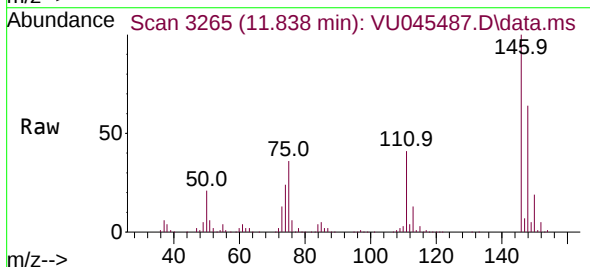
Instrument :
MSVOA_U
ClientSampleId :

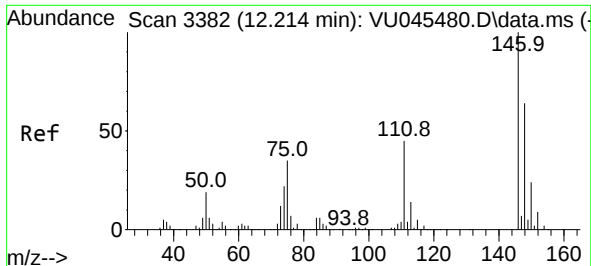
Tgt Ion:146 Resp: 255034
Ion Ratio Lower Upper
146 100
111 42.7 29.8 55.4
148 63.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 49.320 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:146 Resp: 255875
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 48.016 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

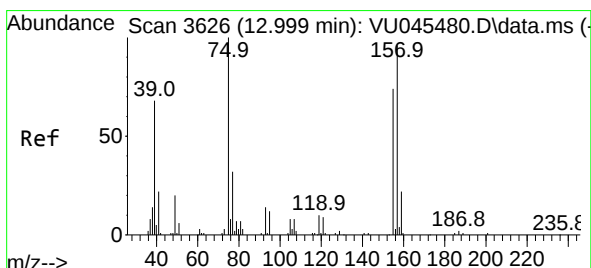
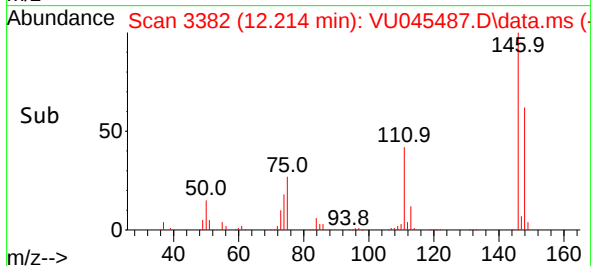
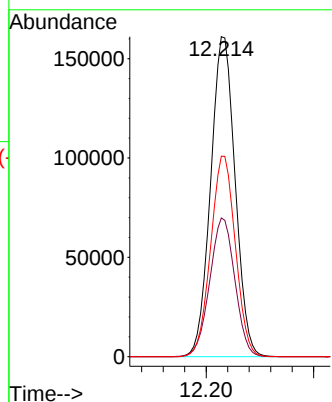
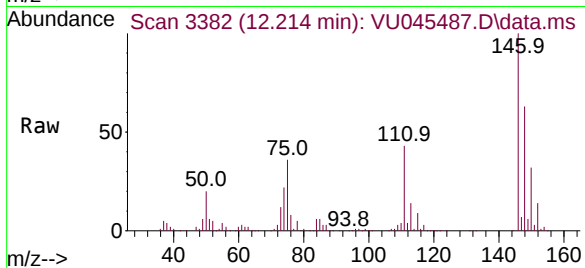
Tgt Ion:146 Resp: 254846

Ion Ratio Lower Upper

146 100

111 43.4 34.6 52.0

148 62.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.930 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045487.D

Acq: 01 Nov 2021 14:00

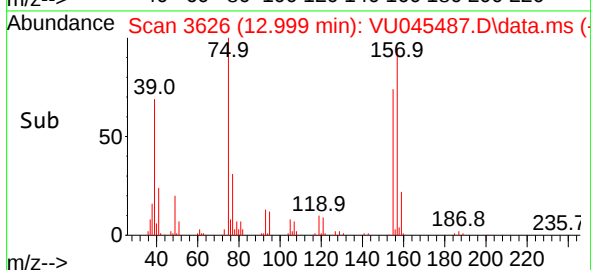
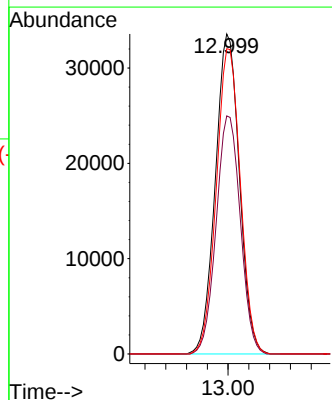
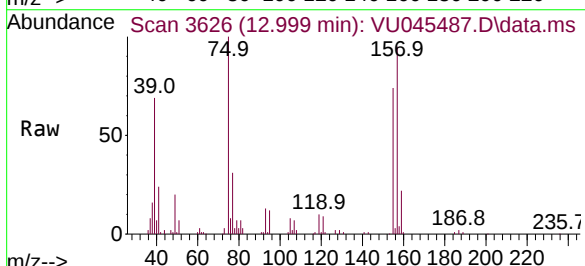
Tgt Ion: 75 Resp: 54060

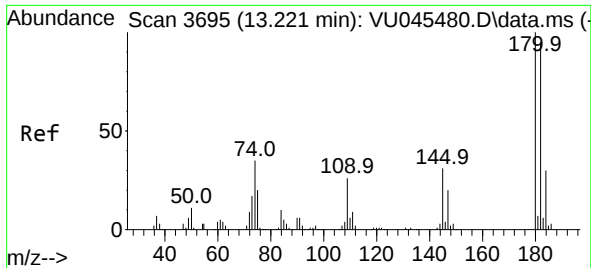
Ion Ratio Lower Upper

75 100

155 74.4 60.0 90.0

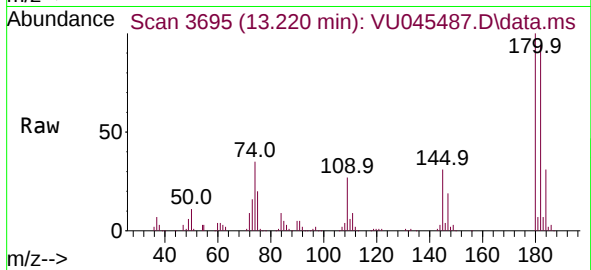
157 99.0 77.9 116.9



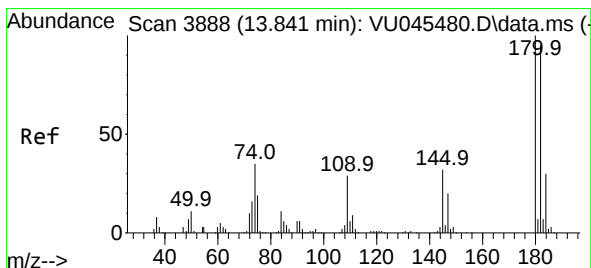
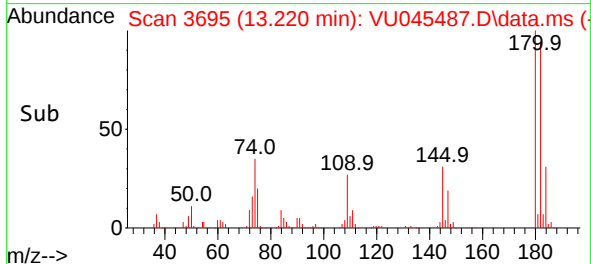
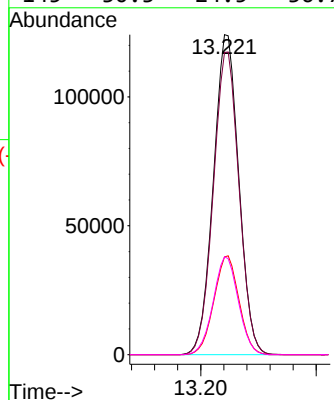


#69
 1,3,5-Trichlorobenzene
 Concen: 50.101 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

Instrument :
 MSVOA_U
 ClientSampleId :

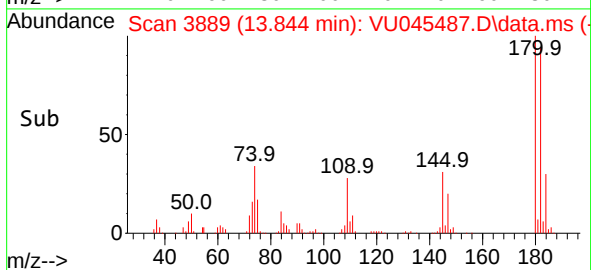
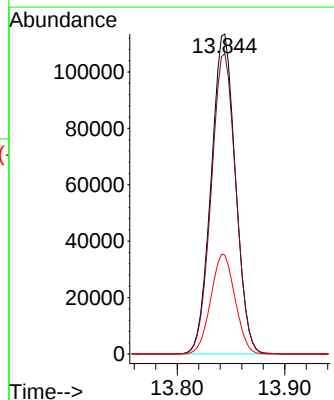
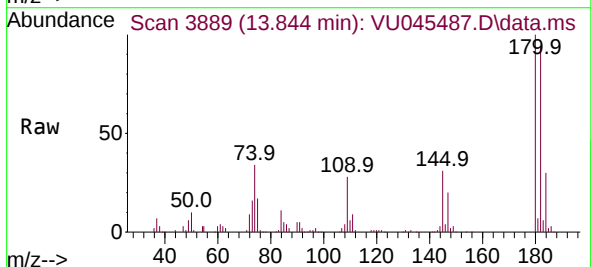


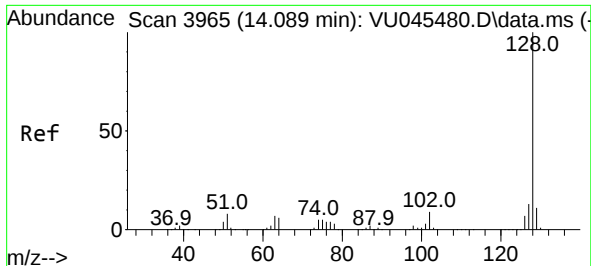
Tgt Ion:180 Resp: 189514
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 114.8
 184 30.5 23.9 35.9
 145 30.3 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 51.554 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU045487.D
 Acq: 01 Nov 2021 14:00

Tgt Ion:180 Resp: 178165
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.1 114.1
 145 31.2 25.3 37.9

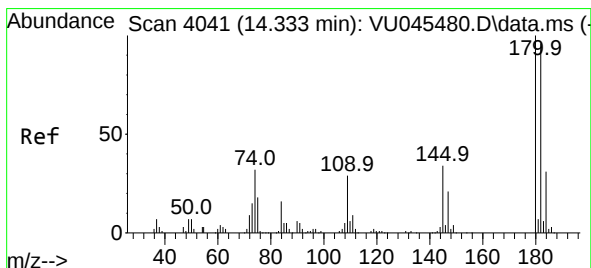
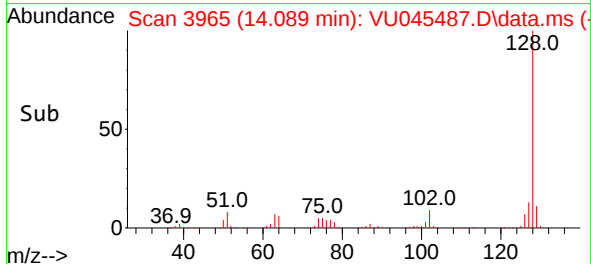
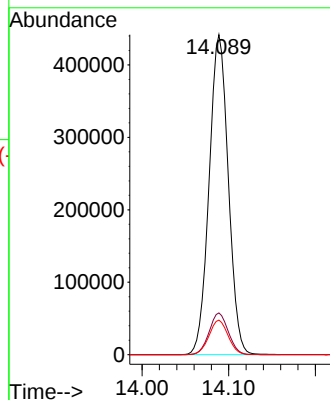
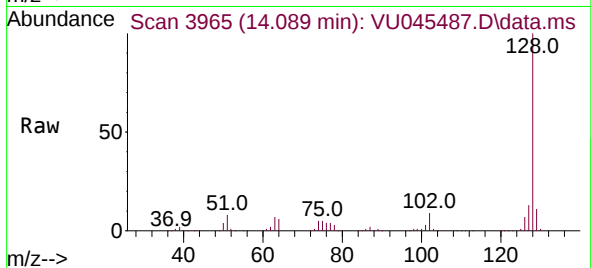




#71
Naphthalene
Concen: 51.644 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 680100
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.502 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045487.D
Acq: 01 Nov 2021 14:00

Tgt Ion:180 Resp: 182144
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 33.2 27.0 40.4

