

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045484.D
 Acq On : 01 Nov 2021 12:45
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:45:34 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	313043	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	298106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	145594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104075	40.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.700%
7) Chloroethane-d5	1.916	69	94507	46.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.560%
11) 1,1-Dichloroethene-d2	2.571	63	153501	33.922	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.840%
21) 2-Butanone-d5	4.629	46	221694	103.972	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.970%
24) Chloroform-d	5.067	84	210431	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	5.706	65	143111	47.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.732	84	437550	47.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	6.694	67	143593	48.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.300%
41) Toluene-d8	7.902	98	380236	47.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.182	79	66033	47.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.260%
47) 2-Hexanone-d5	8.632	63	155812	97.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211133	47.179	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	142382	48.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	6622	2.394	ug/L	100
3) Chloromethane	1.520	50	8271	2.476	ug/L	96
5) Vinyl chloride	1.607	62	8483	2.702	ug/L	86
6) Bromomethane	1.861	94	4292	2.656	ug/L	97
8) Chloroethane	1.938	64	5049	2.722	ug/L	90
9) Trichlorofluoromethane	2.141	101	8969	2.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6859	3.029	ug/L #	83
12) 1,1-Dichloroethene	2.584	96	6547	3.064	ug/L #	1
13) Acetone	2.645	43	9786	5.596	ug/L	95
14) Carbon disulfide	2.797	76	15433	2.526	ug/L	98
15) Methyl Acetate	2.957	43	7927	2.683	ug/L	93
16) Methylene chloride	3.051	84	6998	2.654	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	5627	2.461	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	19733	2.462	ug/L	98
19) 1,1-Dichloroethane	3.877	63	11193	2.456	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	6288	2.411	ug/L	98
22) 2-Butanone	4.719	43	11446	4.793	ug/L	98
23) Bromochloromethane	4.980	128	3269	2.604	ug/L	98
25) Chloroform	5.096	83	12184	2.672	ug/L	98

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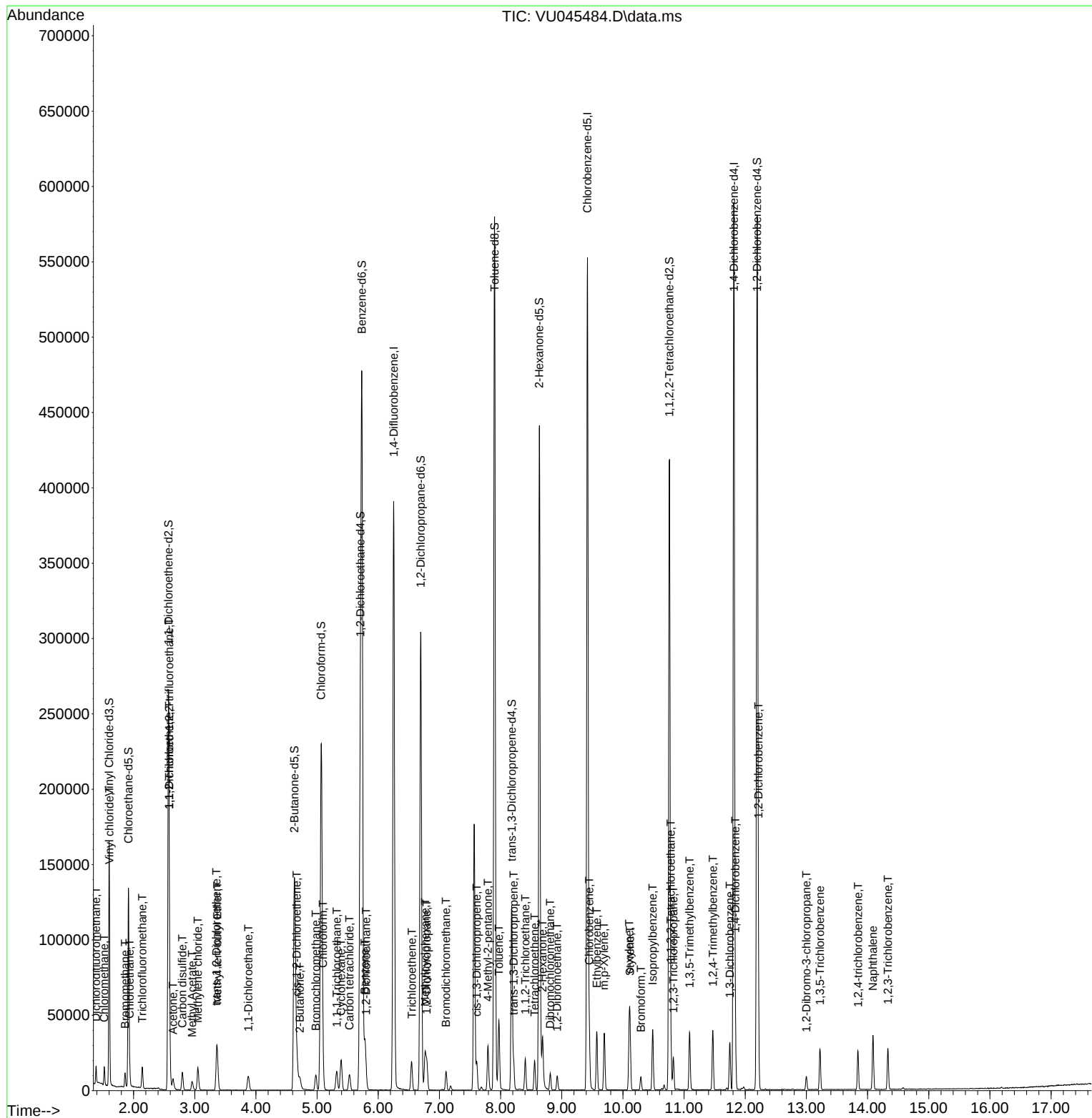
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	9789	2.624	ug/L	98
29) Cyclohexane	5.395	56	10597	2.480	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	8903	2.352	ug/L	96
31) Carbon tetrachloride	5.530	117	7093	2.370	ug/L	99
33) Benzene	5.780	78	26177	2.532	ug/L	100
34) Trichloroethene	6.549	95	5914	2.383	ug/L	94
35) Methylcyclohexane	6.767	83	9843	2.282	ug/L	98
37) 1,2-Dichloropropane	6.793	63	7055	2.570	ug/L #	97
38) Bromodichloromethane	7.108	83	8302	2.405	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	10571	2.517	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	19569	4.830	ug/L	98
42) Toluene	7.973	91	32119	2.985	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	12125	3.062	ug/L	90
45) 1,1,2-Trichloroethane	8.404	97	6176	2.423	ug/L	98
46) Tetrachloroethene	8.558	164	4193	2.381	ug/L	94
48) 2-Hexanone	8.687	43	20469	6.066	ug/L	97
49) Dibromochloromethane	8.812	129	5820	2.369	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6518	2.436	ug/L #	93
51) Chlorobenzene	9.449	112	16217	2.494	ug/L	97
52) Ethylbenzene	9.574	91	28083	2.461	ug/L	97
53) m,p-Xylene	9.693	106	10750	2.461	ug/L	94
54) o-xylene	10.102	106	9785	2.262	ug/L	98
55) Styrene	10.118	104	16050	2.209	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	12105	2.673	ug/L #	97
59) Bromoform	10.295	173	3947	2.351	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	9175	2.559	ug/L	99
61) Isopropylbenzene	10.488	105	25526	2.372	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	20599	2.247	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	21299	2.286	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	12237	2.571	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	12996	2.699	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	12638	2.566	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	2485	2.374	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	8342	2.376	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	7479	2.332	ug/L	95
71) Naphthalene	14.089	128	28033	2.294	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8216	2.503	ug/L	97

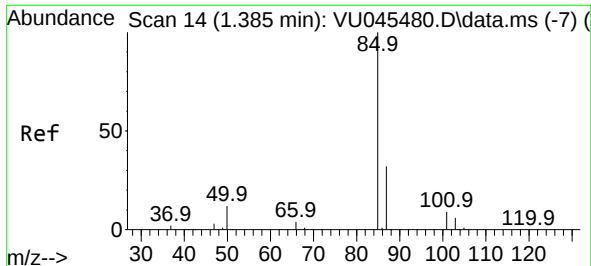
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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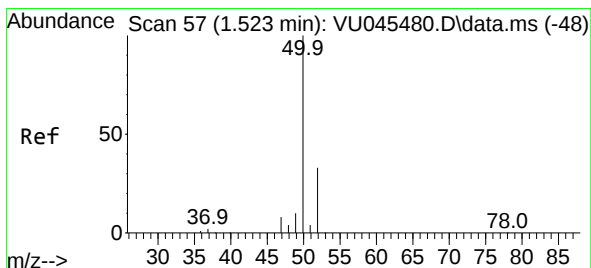
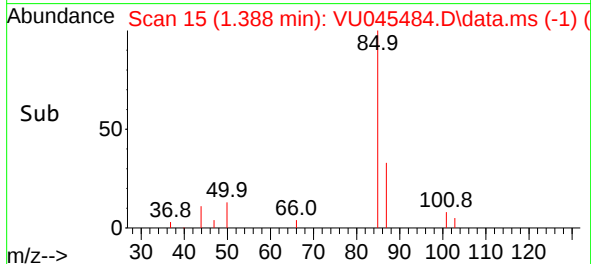
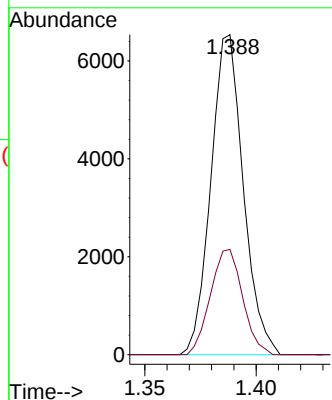
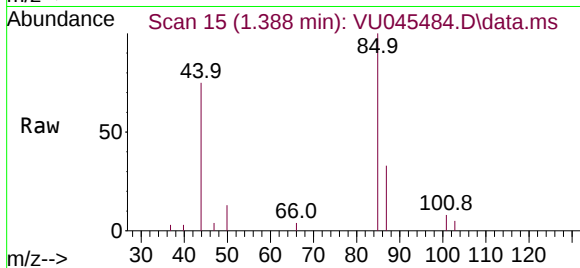




#2
Dichlorodifluoromethane
Concen: 2.394 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

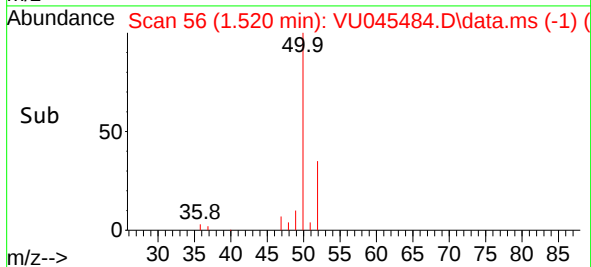
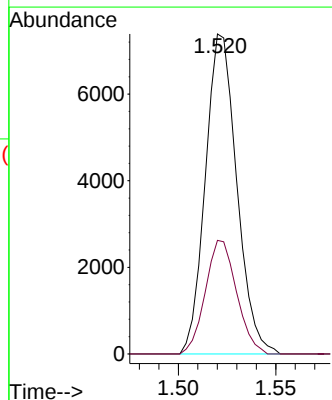
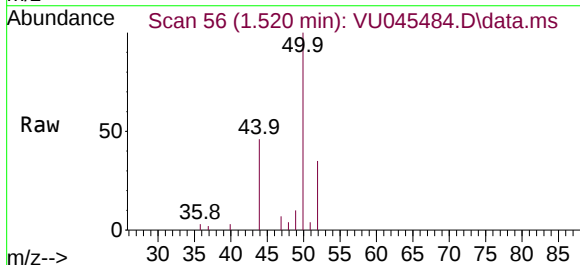
Instrument :
MSVOA_U
ClientSampleId :

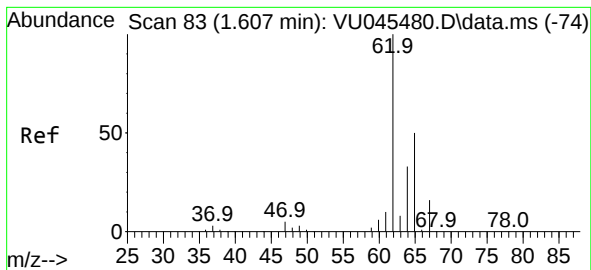
Tgt Ion: 85 Resp: 6622
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0



#3
Chloromethane
Concen: 2.476 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 50 Resp: 8271
Ion Ratio Lower Upper
50 100
52 35.5 23.2 43.2





#5

Vinyl chloride

Concen: 2.702 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

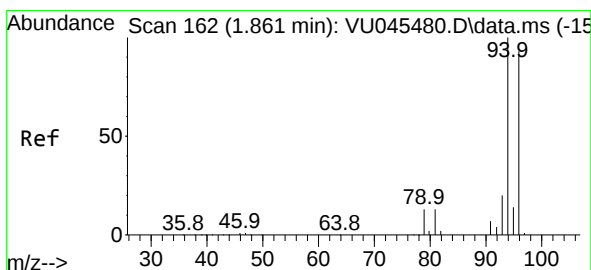
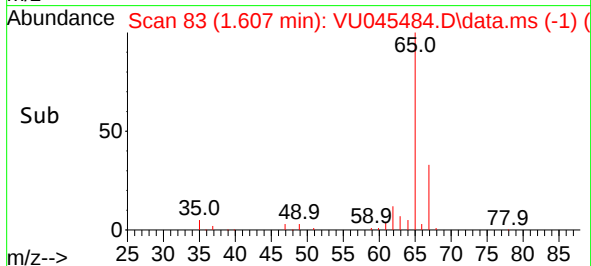
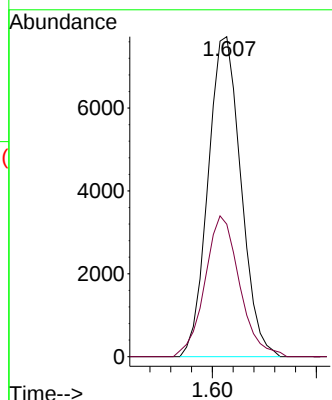
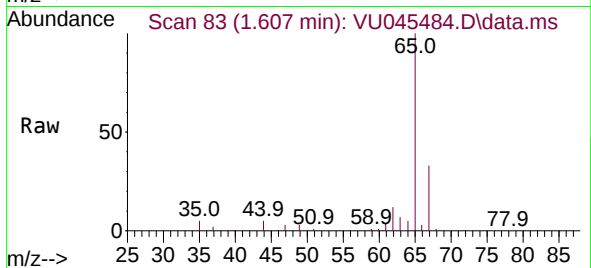
ClientSampleId :

Tgt Ion: 62 Resp: 8483

Ion Ratio Lower Upper

62 100

64 41.4 23.3 43.3



#6

Bromomethane

Concen: 2.656 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU045484.D

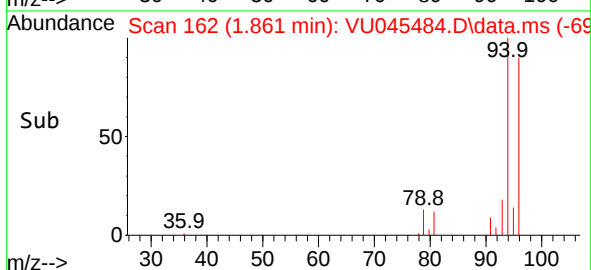
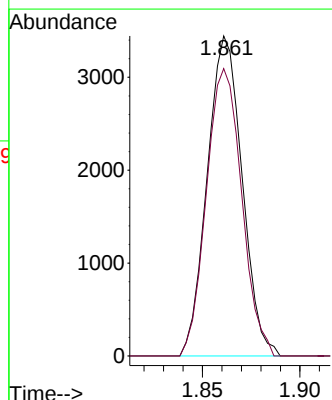
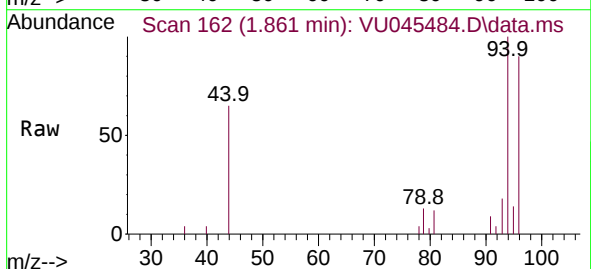
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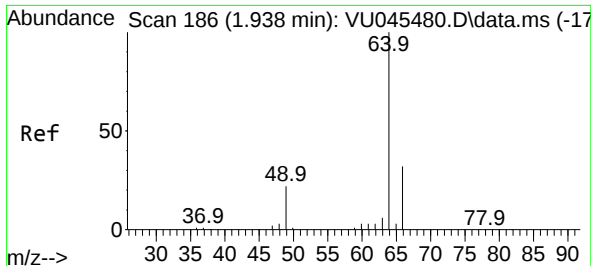
Tgt Ion: 94 Resp: 4292

Ion Ratio Lower Upper

94 100

96 89.8 64.9 120.5

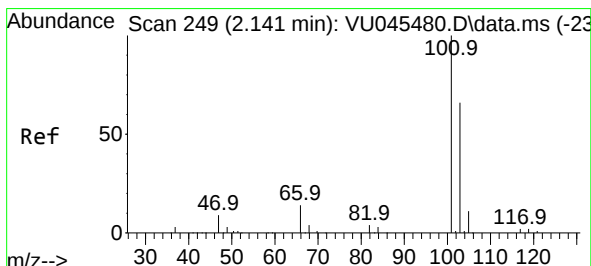
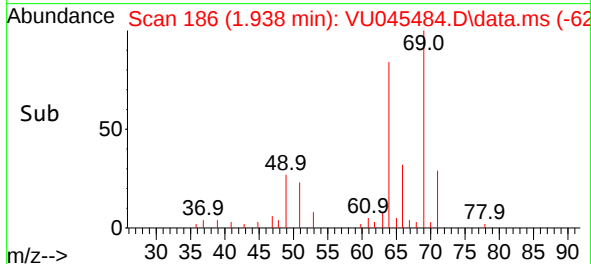
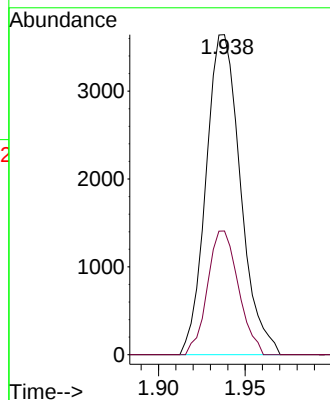
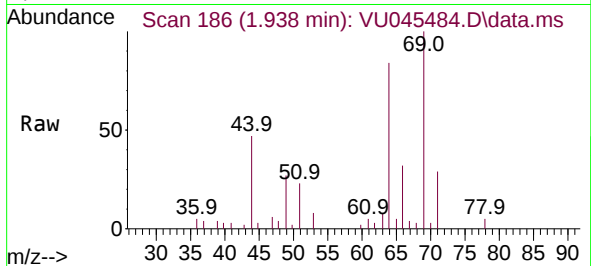




#8
Chloroethane
Concen: 2.722 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

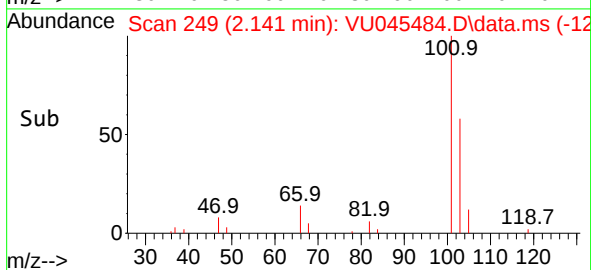
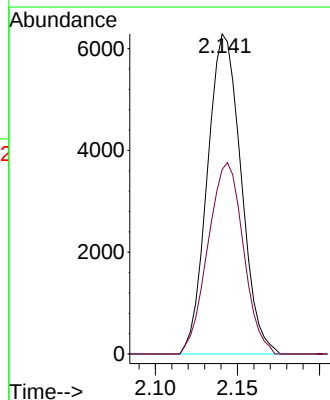
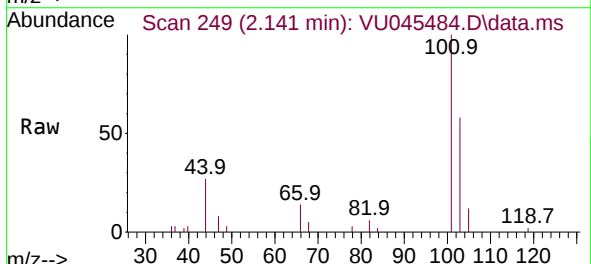
Instrument :
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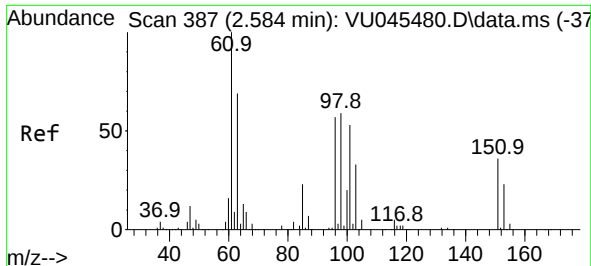
Tgt Ion: 64 Resp: 5049
Ion Ratio Lower Upper
64 100
66 38.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.414 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:101 Resp: 8969
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2





#10

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

Concen: 3.029 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045484.D

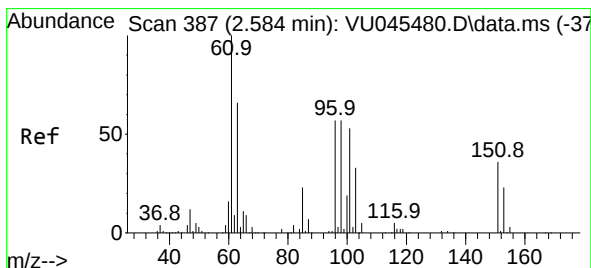
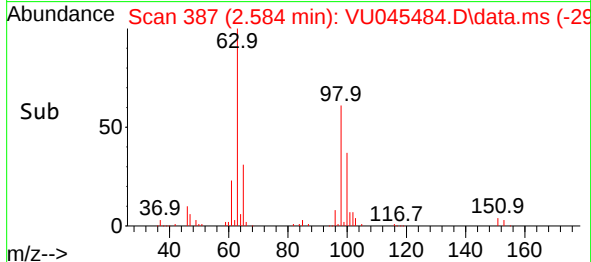
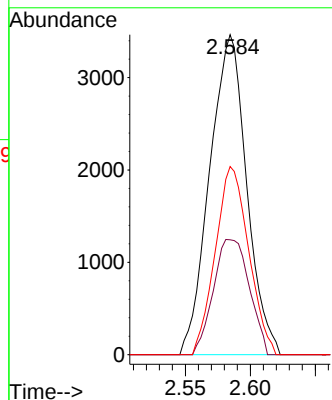
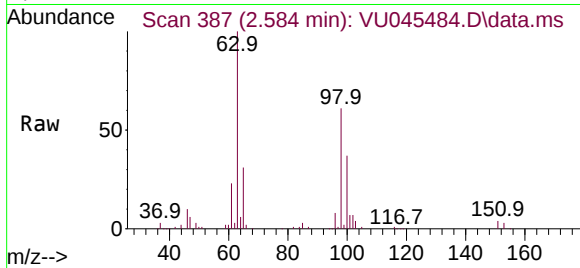
Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	6859
Ion	Ratio	Lower Upper
101	100	
85	34.9	34.8 52.2
151	53.0	54.6 81.8#



#12

1,1-Dichloroethene

Concen: 3.064 ug/L

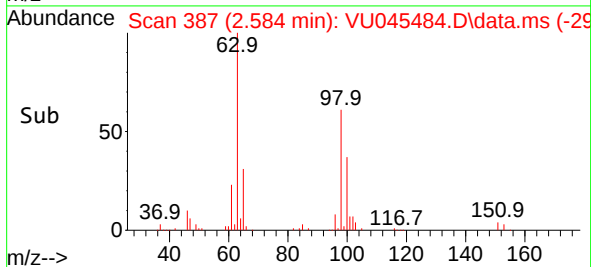
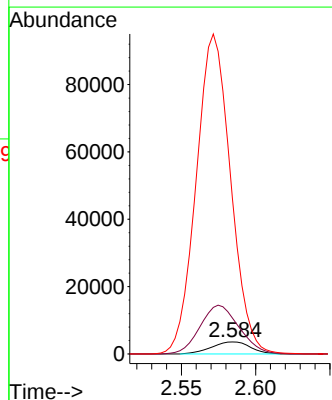
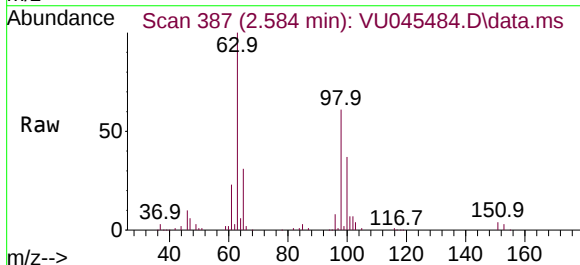
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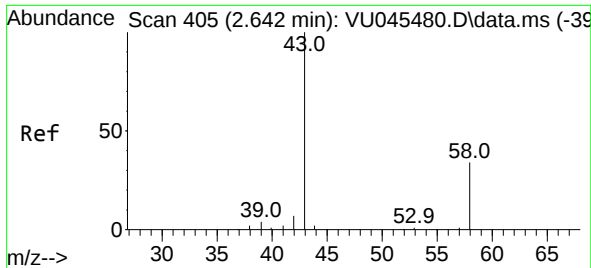
Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Tgt Ion: 96	Resp:	6547
Ion	Ratio	Lower Upper
96	100	
61	298.7	126.3 234.5#
63	1295.5	89.2 165.8#





#13

Acetone

Concen: 5.596 ug/L

RT: 2.645 min Scan# 405

Delta R.T. 0.003 min

Lab File: VU045484.D

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Instrument :

MSVOA_U

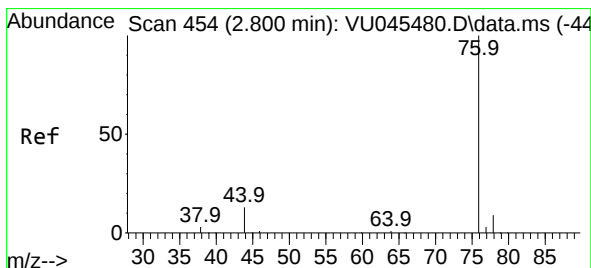
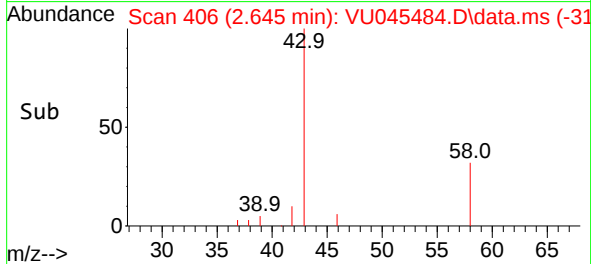
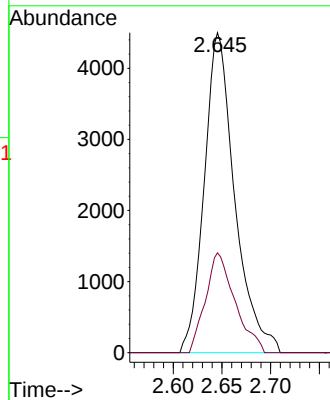
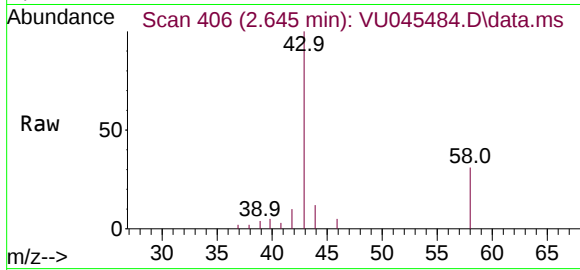
ClientSampleId :

Tgt Ion: 43 Resp: 9786

Ion Ratio Lower Upper

43 100

58 30.1 0.0 66.2



#14

Carbon disulfide

Concen: 2.526 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045484.D

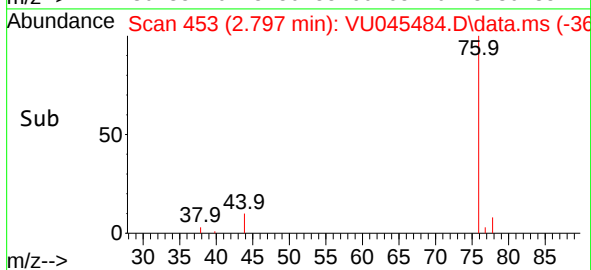
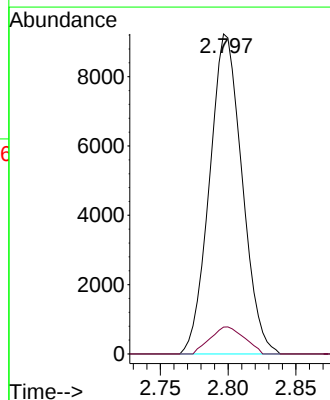
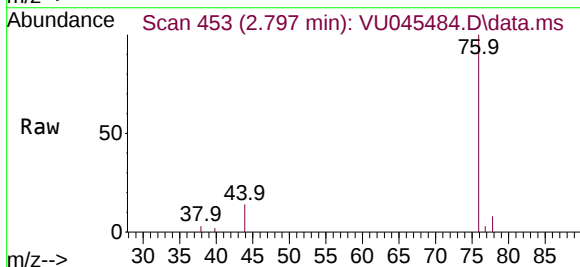
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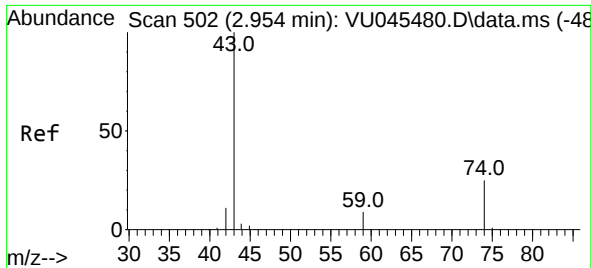
Tgt Ion: 76 Resp: 15433

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

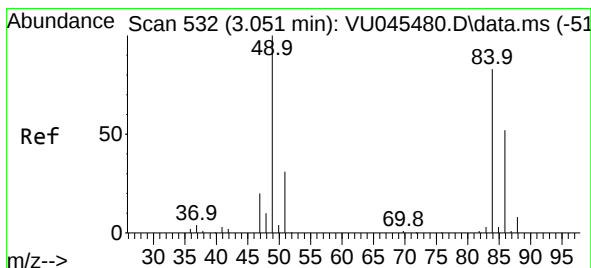
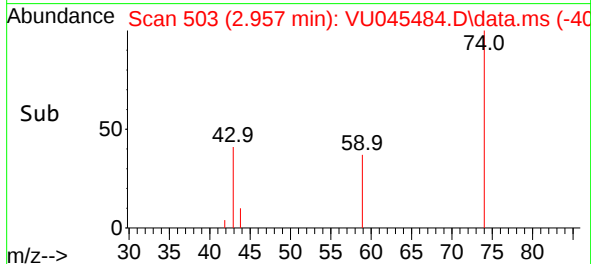
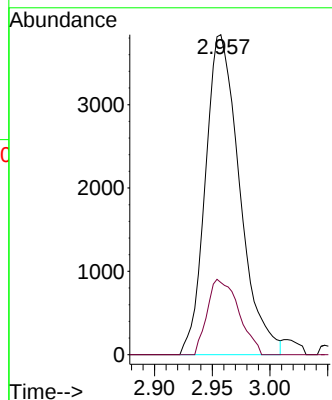
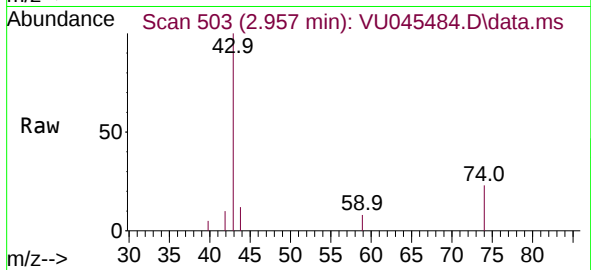




#15
Methyl Acetate
Concen: 2.683 ug/L
RT: 2.957 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

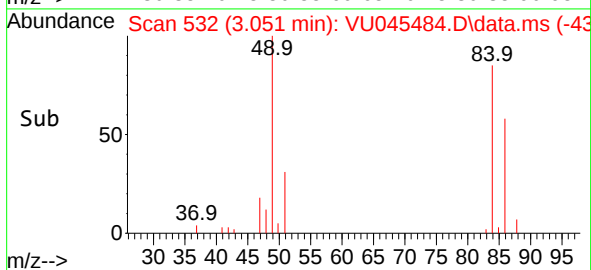
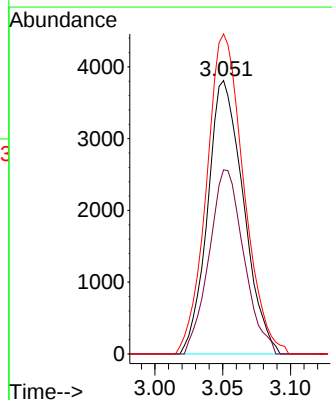
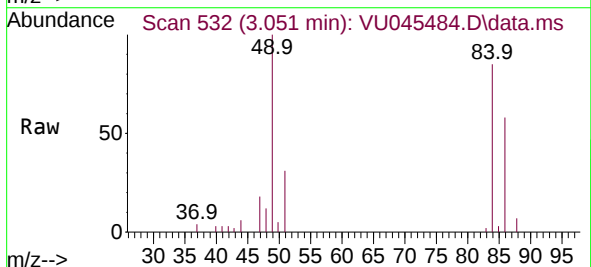
Instrument :
MSVOA_U
ClientSampleId :

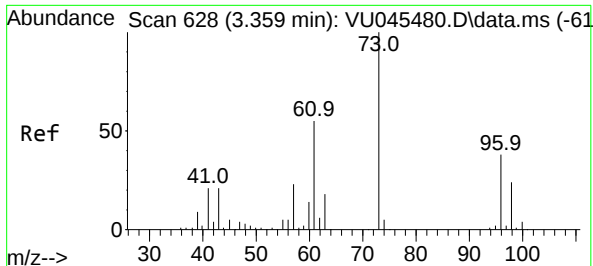
Tgt Ion: 43 Resp: 7927
Ion Ratio Lower Upper
43 100
74 21.6 20.0 30.0



#16
Methylene chloride
Concen: 2.654 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 84 Resp: 6998
Ion Ratio Lower Upper
84 100
86 67.4 45.8 85.2
49 117.0 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 2.461 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

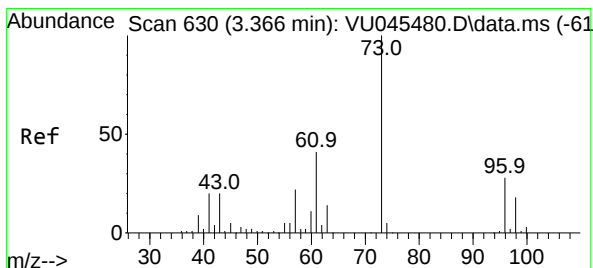
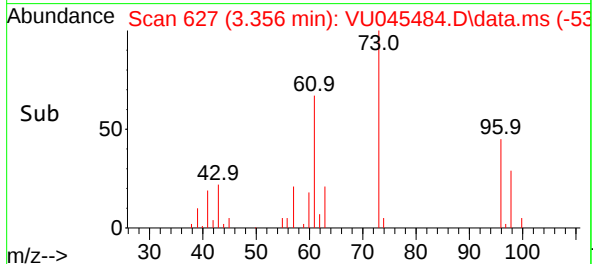
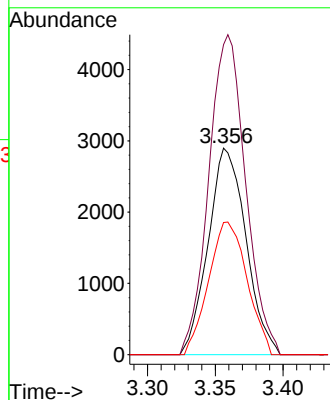
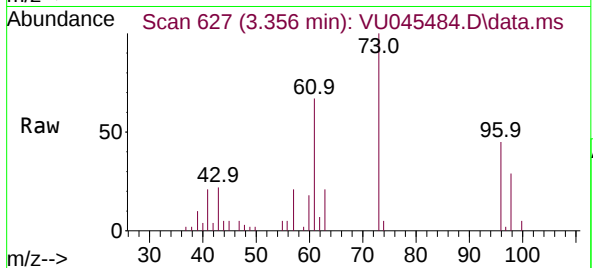
Tgt Ion: 96 Resp: 5627

Ion Ratio Lower Upper

96 100

61 150.1 101.8 189.2

98 64.0 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 2.462 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

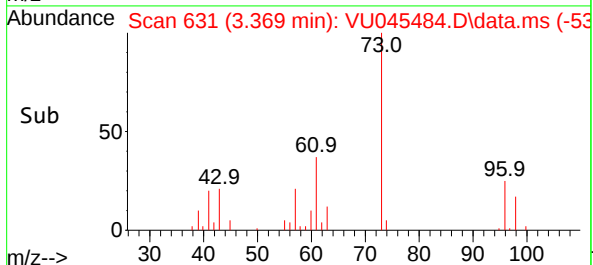
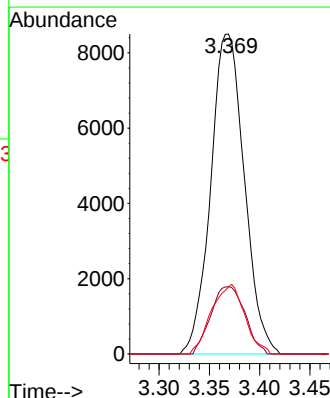
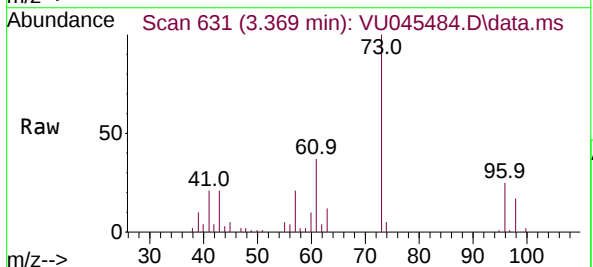
Tgt Ion: 73 Resp: 19733

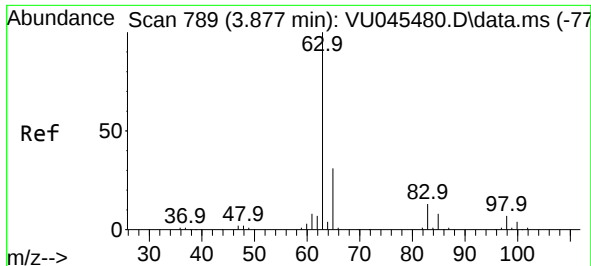
Ion Ratio Lower Upper

73 100

43 21.4 16.2 24.4

57 21.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 2.456 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

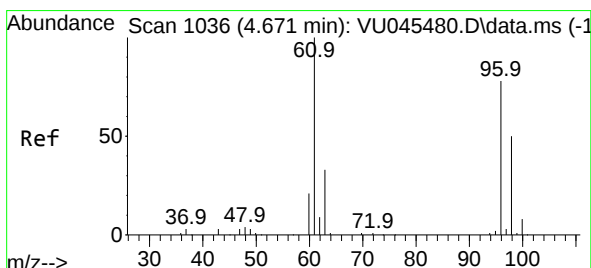
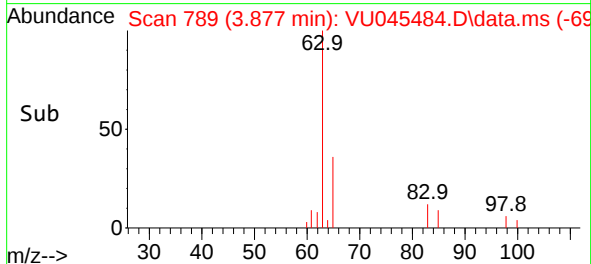
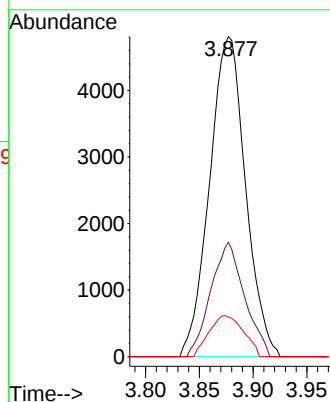
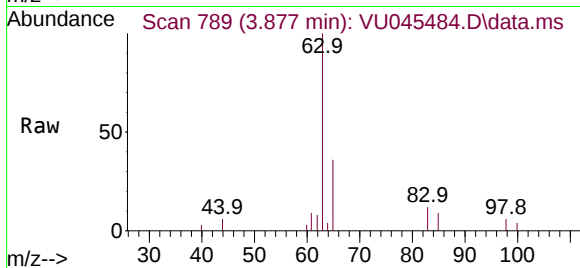
Tgt Ion: 63 Resp: 11193

Ion Ratio Lower Upper

63 100

65 35.8 22.4 41.6

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 2.411 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

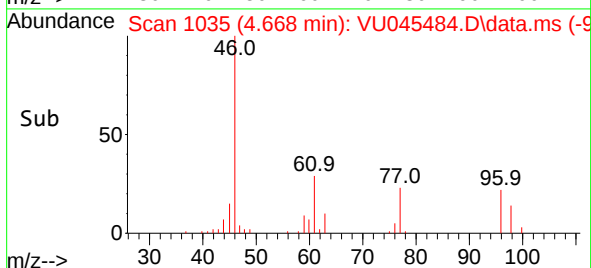
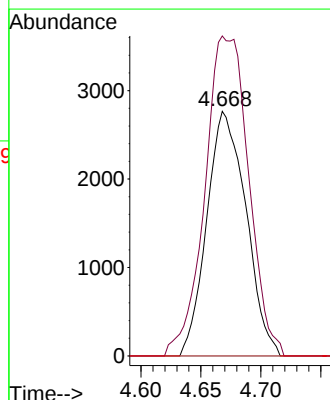
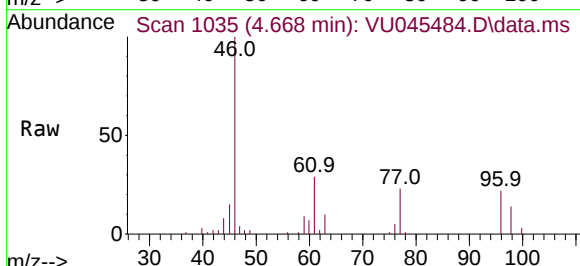
Tgt Ion: 96 Resp: 6288

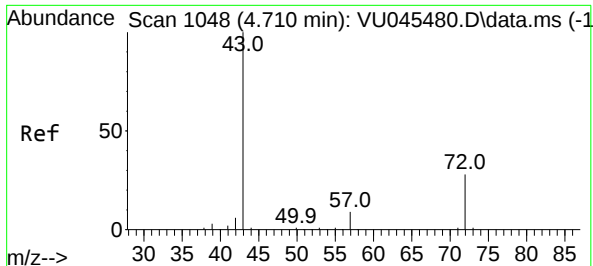
Ion Ratio Lower Upper

96 100

61 130.8 92.8 172.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.793 ug/L

RT: 4.719 min Scan# 11051

Delta R.T. 0.010 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

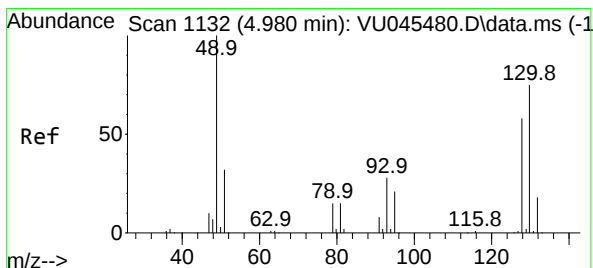
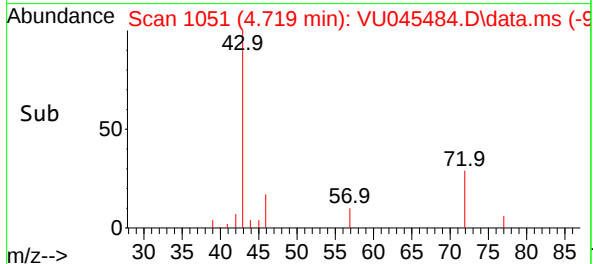
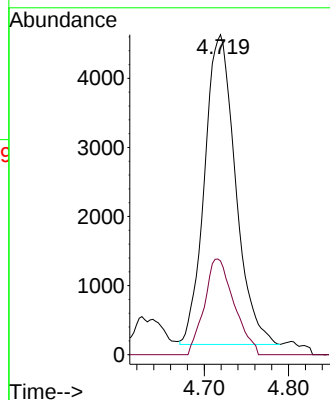
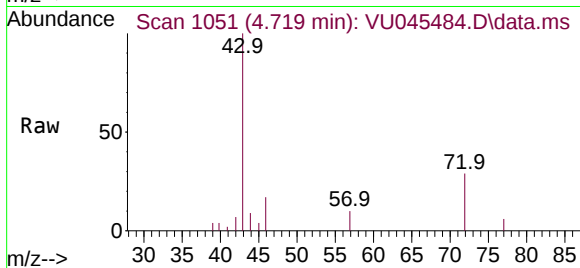
ClientSampleId :

Tgt Ion: 43 Resp: 11446

Ion Ratio Lower Upper

43 100

72 29.6 14.4 43.2



#23

Bromochloromethane

Concen: 2.604 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Tgt Ion: 128 Resp: 3269

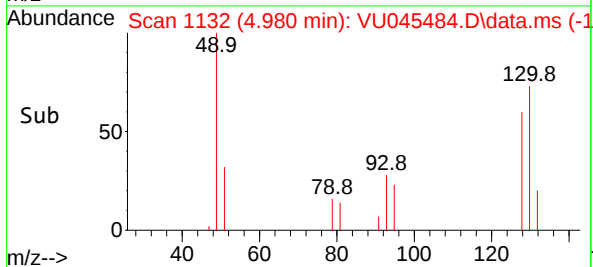
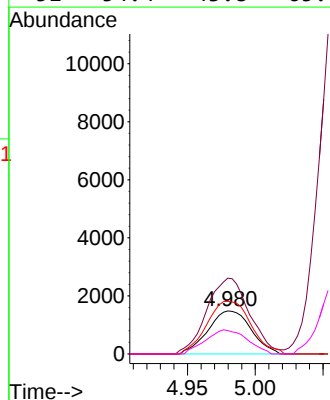
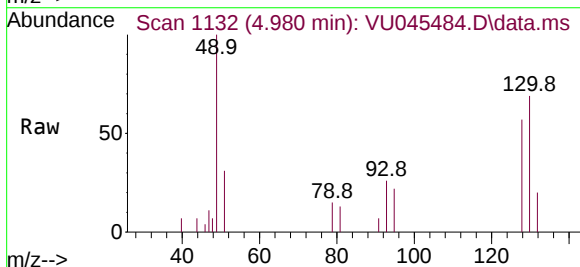
Ion Ratio Lower Upper

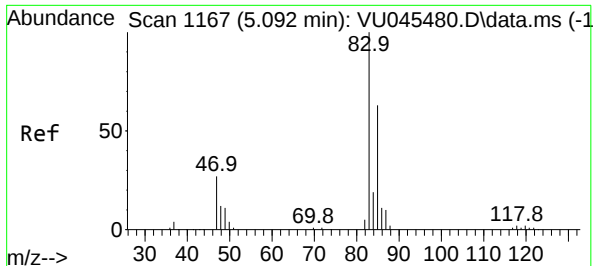
128 100

49 176.3 123.1 228.5

130 122.4 89.8 166.8

51 54.4 43.8 65.8





#25

Chloroform

Concen: 2.672 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

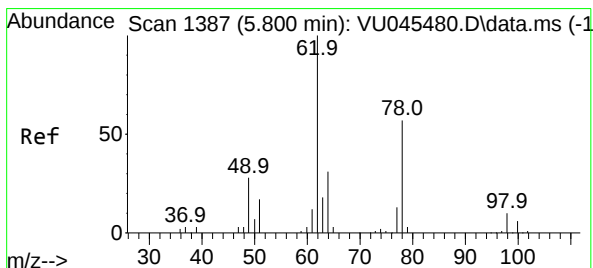
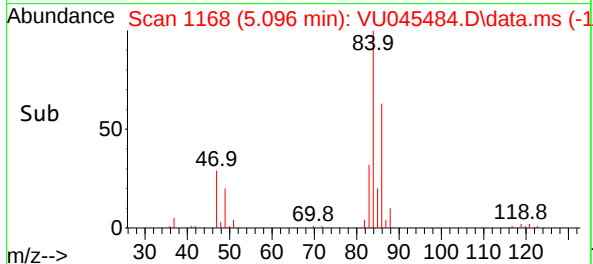
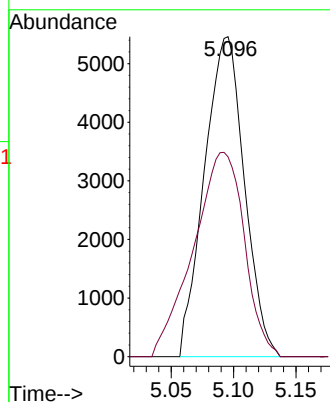
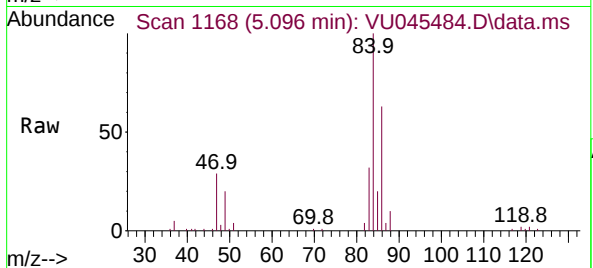
ClientSampleId :

Tgt Ion: 83 Resp: 12184

Ion Ratio Lower Upper

83 100

85 62.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 2.624 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045484.D

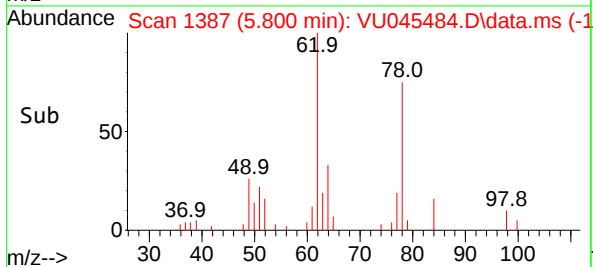
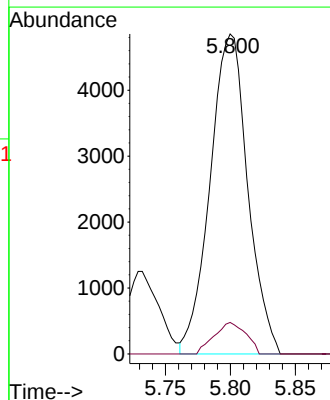
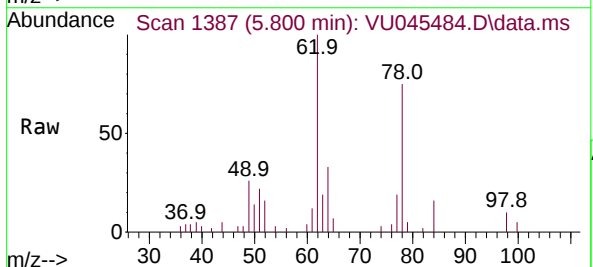
Acq: 01 Nov 2021 12:45

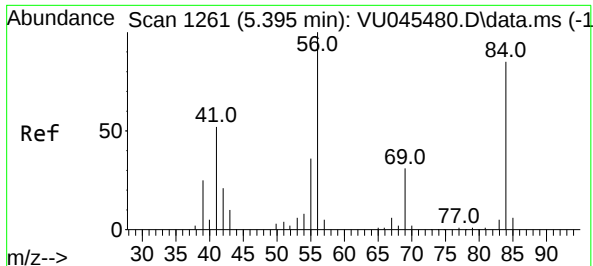
Tgt Ion: 62 Resp: 9789

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0





#29

Cyclohexane

Concen: 2.480 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

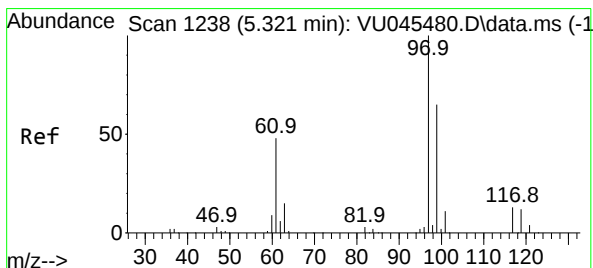
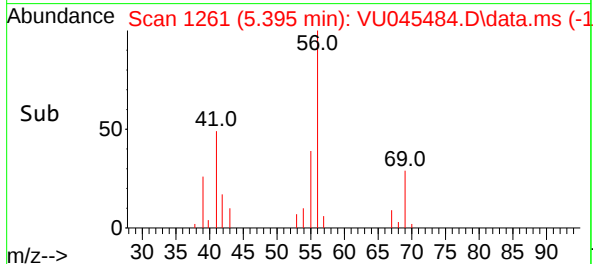
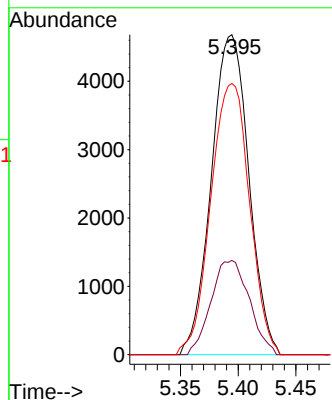
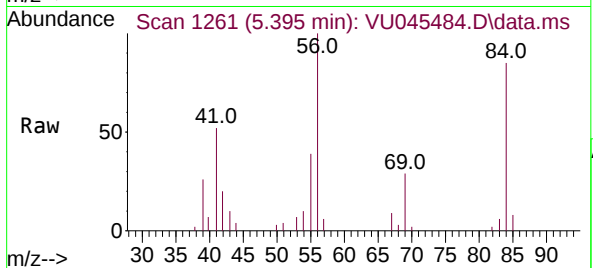
Tgt Ion: 56 Resp: 10597

Ion Ratio Lower Upper

56 100

69 30.1 25.0 37.4

84 87.5 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 2.352 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

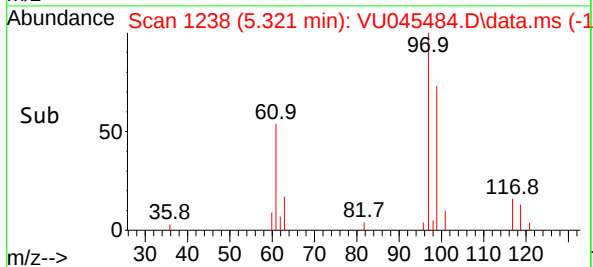
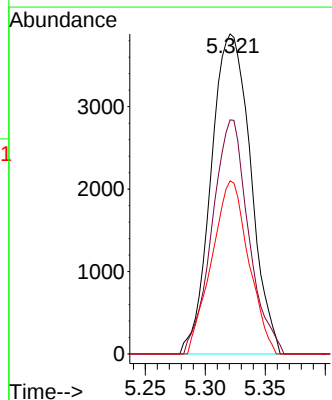
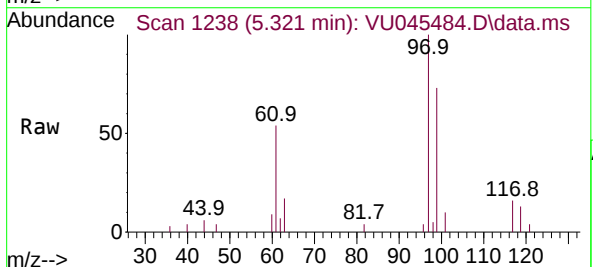
Tgt Ion: 97 Resp: 8903

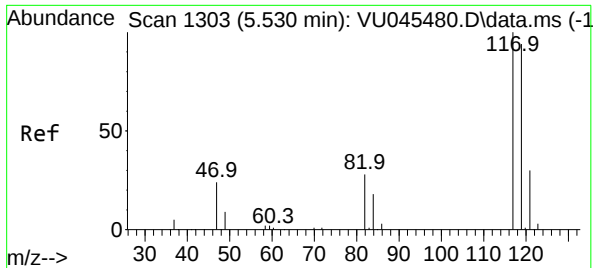
Ion Ratio Lower Upper

97 100

99 67.4 51.3 76.9

61 50.4 38.8 58.2

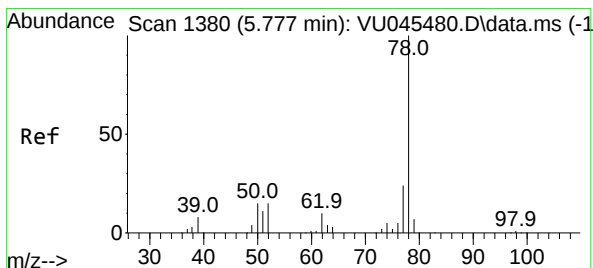
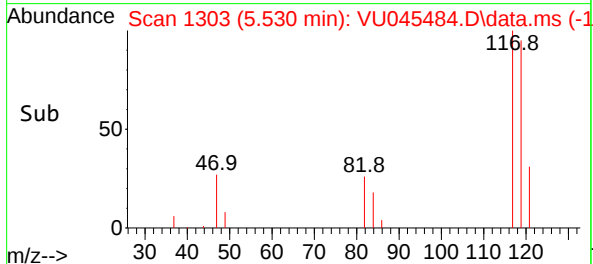
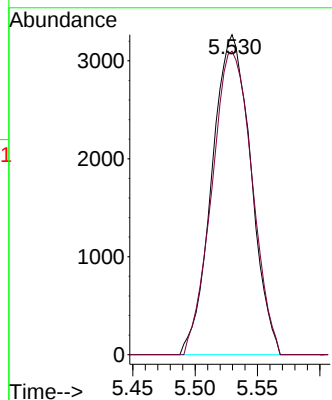
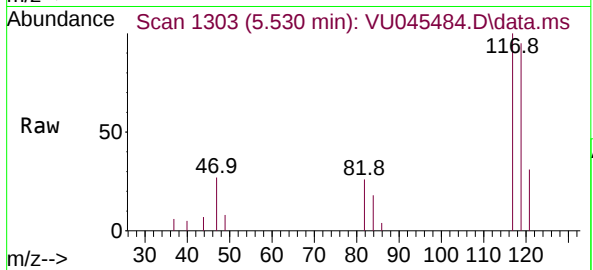




#31
Carbon tetrachloride
Concen: 2.370 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

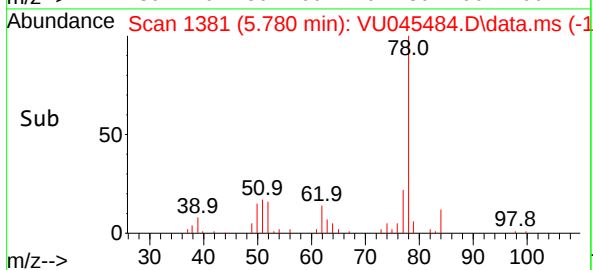
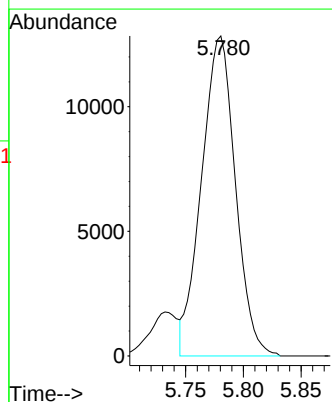
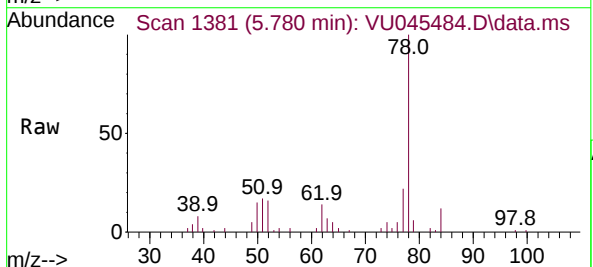
Instrument :
MSVOA_U
ClientSampleId :

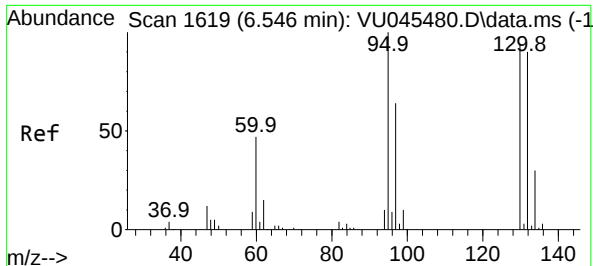
Tgt Ion:117 Resp: 7093
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.4



#33
Benzene
Concen: 2.532 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 78 Resp: 26177



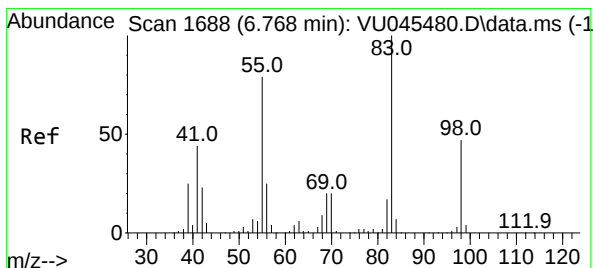
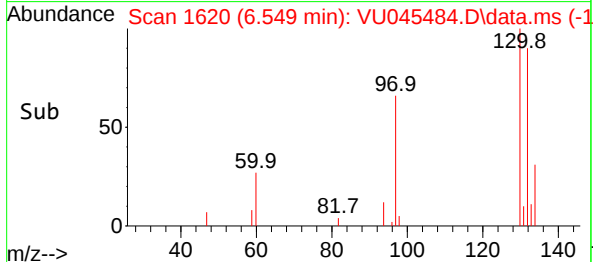
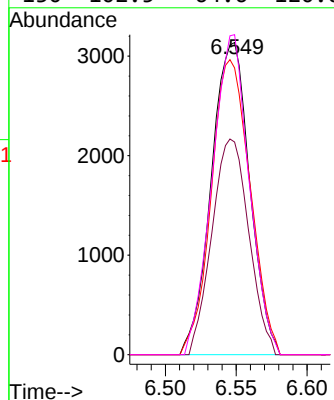
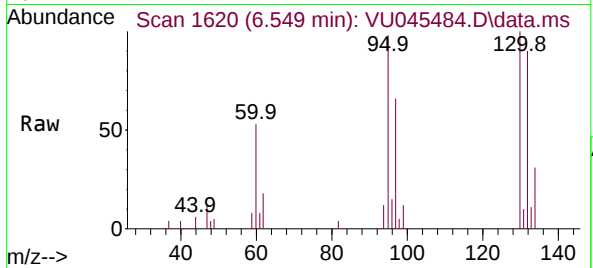


#34
Trichloroethene
Concen: 2.383 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 5914

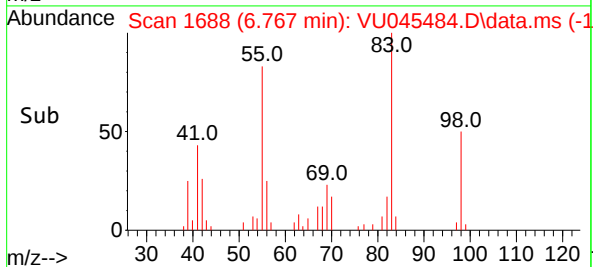
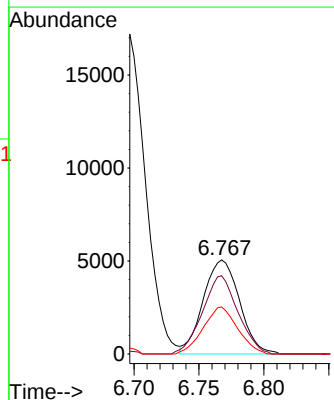
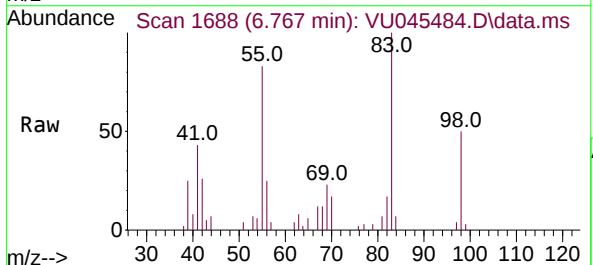
Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.0	83.6
132	91.8	63.3	117.7
130	102.5	64.6	120.0

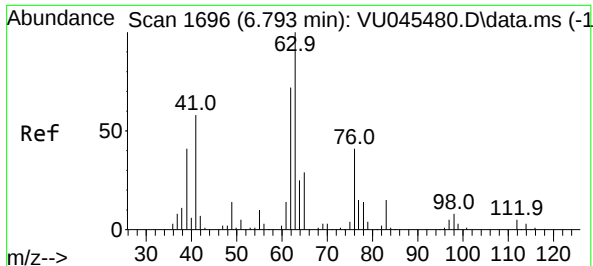


#35
Methylcyclohexane
Concen: 2.282 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 83 Resp: 9843

Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.8	94.2
98	47.3	37.4	56.2





#37

1,2-Dichloropropane

Concen: 2.570 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

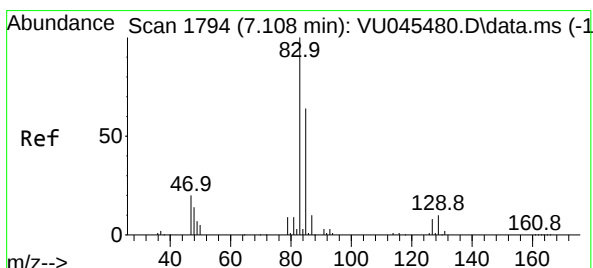
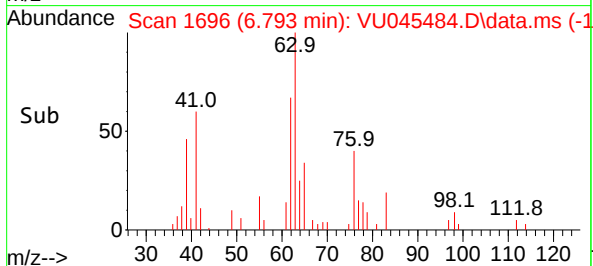
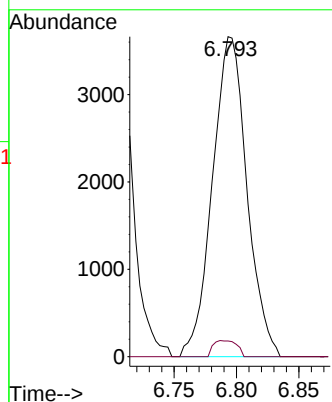
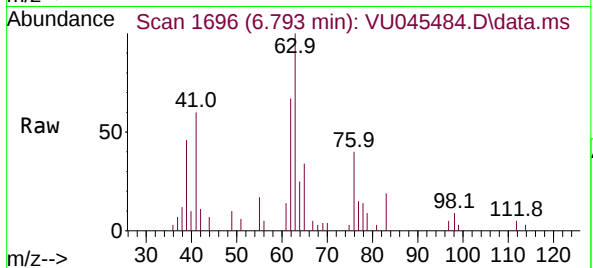
ClientSampleId :

Tgt Ion: 63 Resp: 7055

Ion Ratio Lower Upper

63 100

112 3.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.405 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

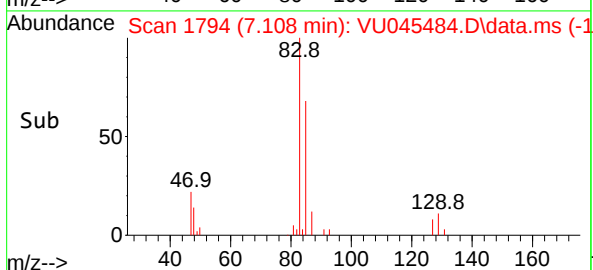
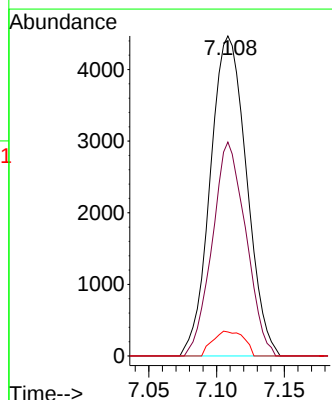
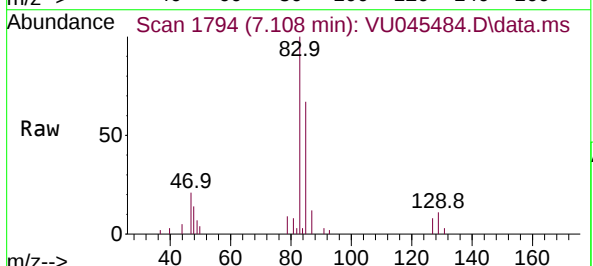
Tgt Ion: 83 Resp: 8302

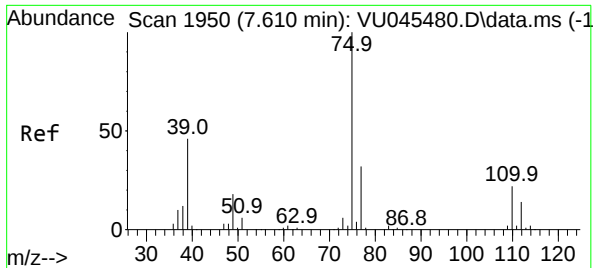
Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.9

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 2.517 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

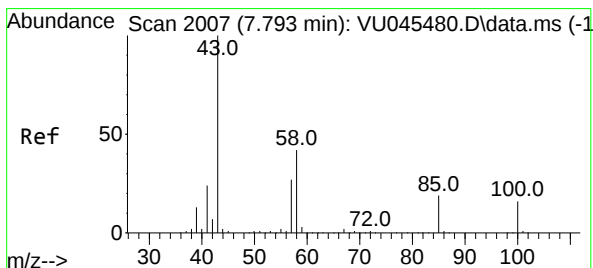
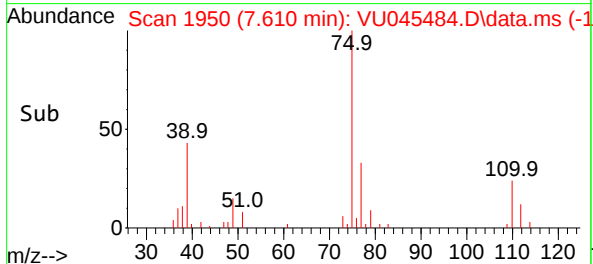
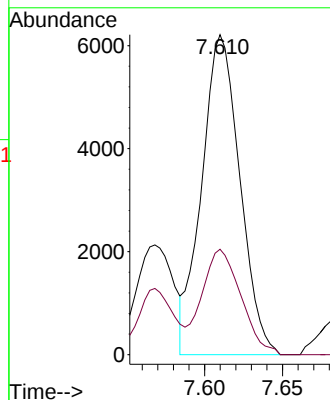
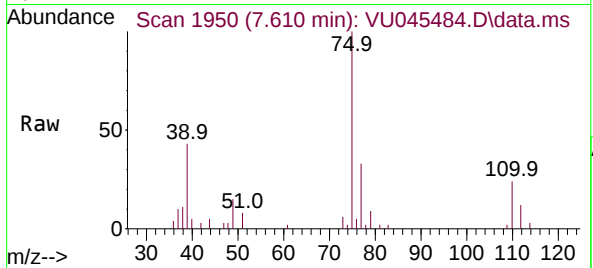
ClientSampleId :

Tgt Ion: 75 Resp: 10571

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 4.830 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

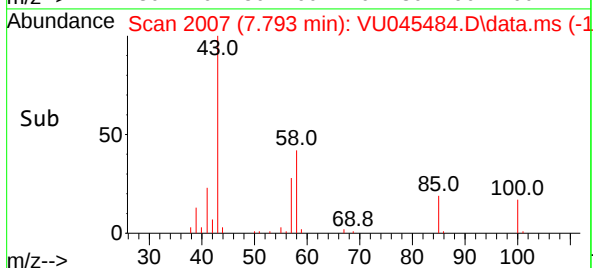
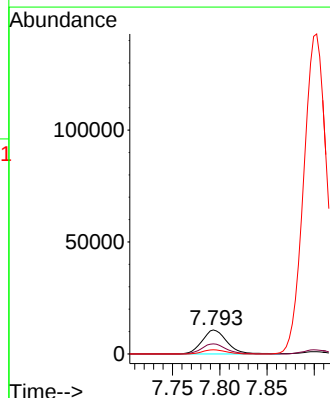
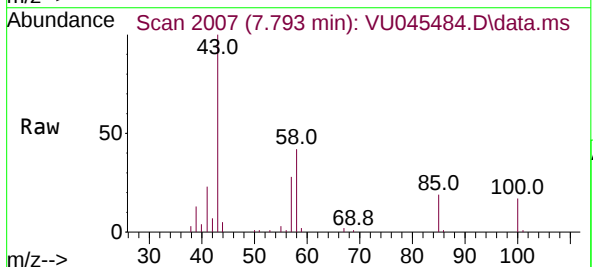
Tgt Ion: 43 Resp: 19569

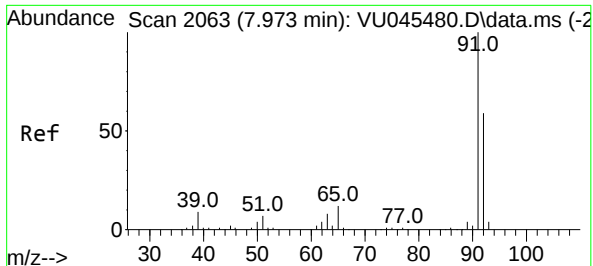
Ion Ratio Lower Upper

43 100

58 40.9 33.9 50.9

100 16.0 13.3 19.9

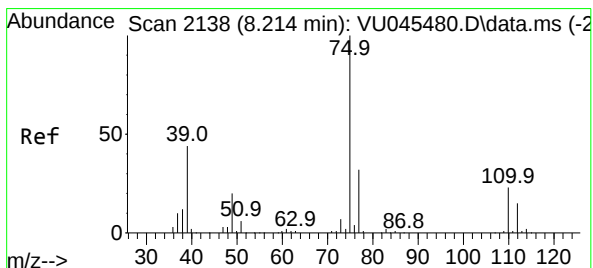
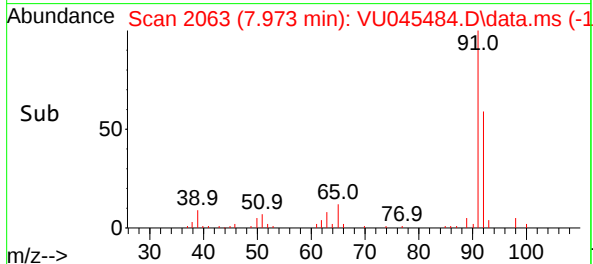
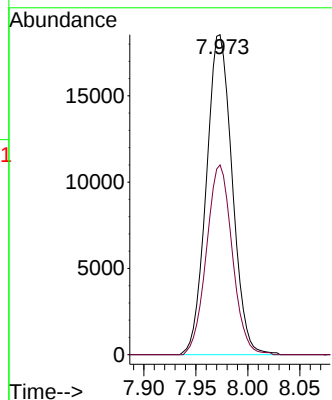
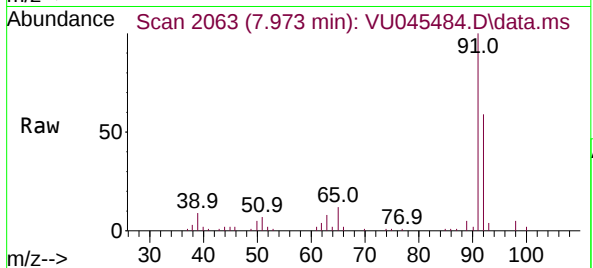




#42
Toluene
Concen: 2.985 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

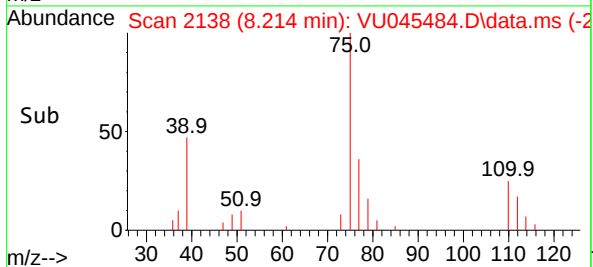
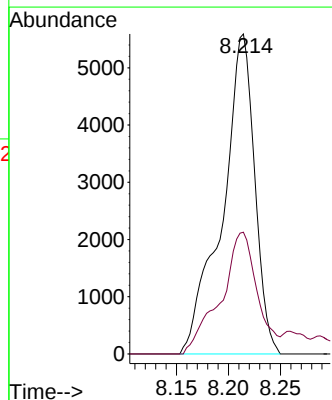
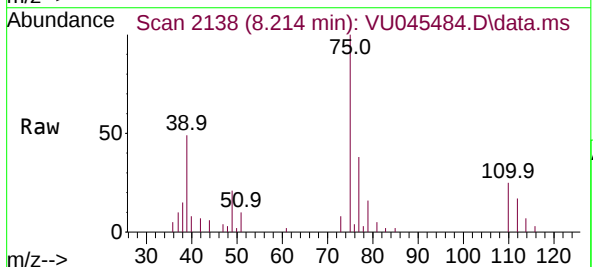
Instrument :
MSVOA_U
ClientSampleId :

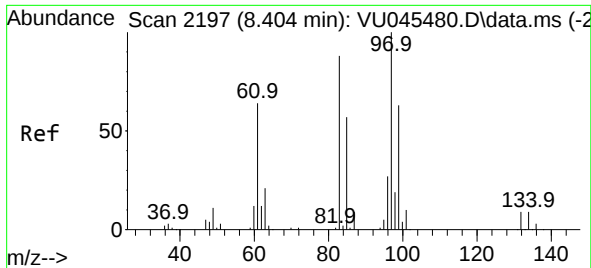
Tgt Ion: 91 Resp: 32119
Ion Ratio Lower Upper
91 100
92 59.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 3.062 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 75 Resp: 12125
Ion Ratio Lower Upper
75 100
77 38.1 22.7 42.1

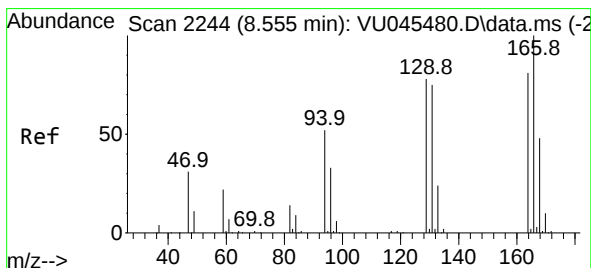
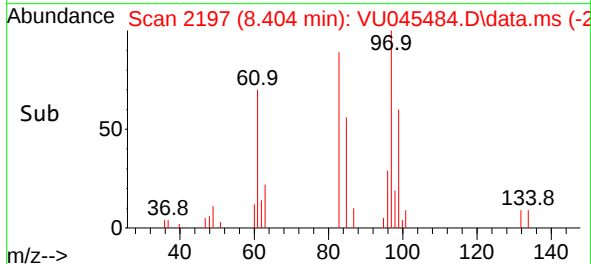
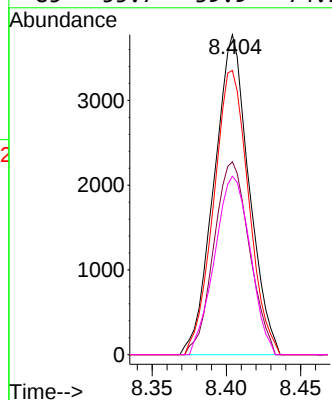
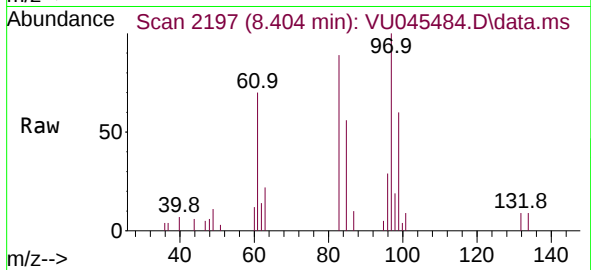




#45
1,1,2-Trichloroethane
Concen: 2.423 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

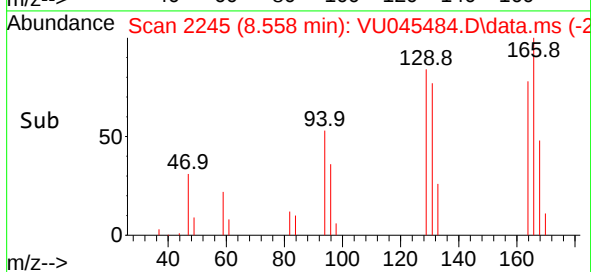
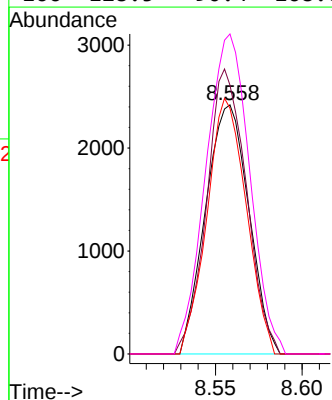
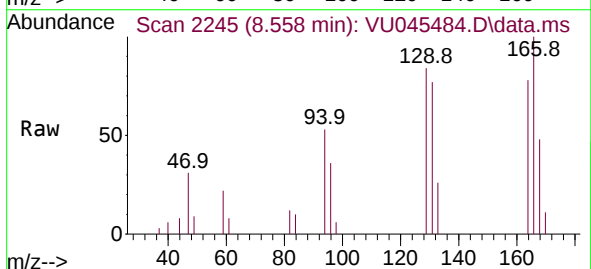
Instrument :
MSVOA_U
ClientSampleId :

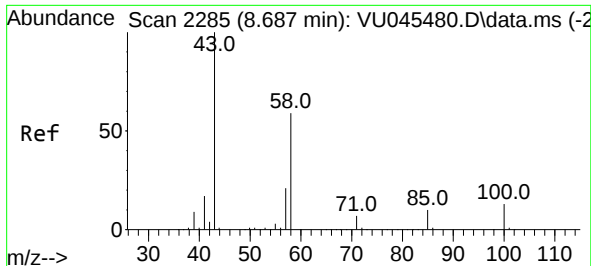
Tgt Ion: 97	Resp: 6176
Ion Ratio	Lower Upper
97 100	
99 60.3	44.7 82.9
83 88.8	61.5 114.1
85 55.7	39.9 74.1



#46
Tetrachloroethene
Concen: 2.381 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt	Ion:164	Resp:	4193
Ion	Ratio	Lower	Upper
164	100		
129	107.9	66.8	124.2
131	98.7	65.6	121.8
166	128.5	90.4	168.0

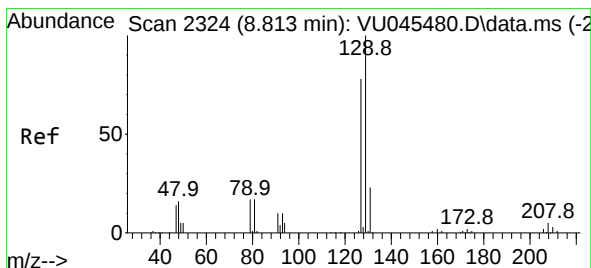
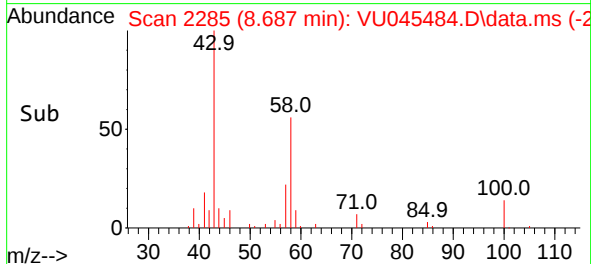
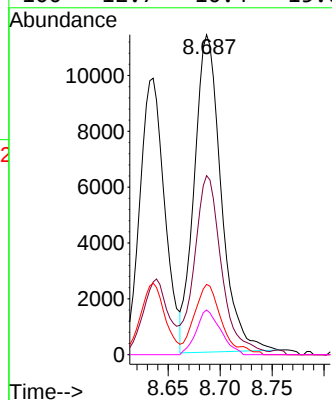
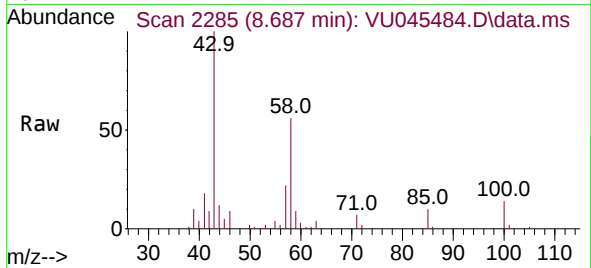




#48
2-Hexanone
Concen: 6.066 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

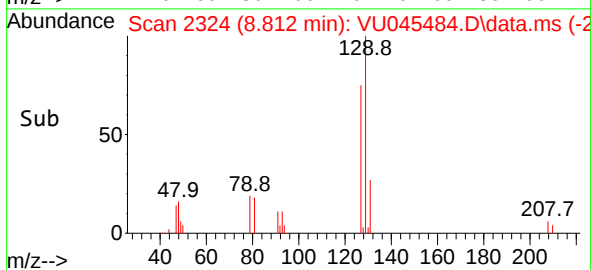
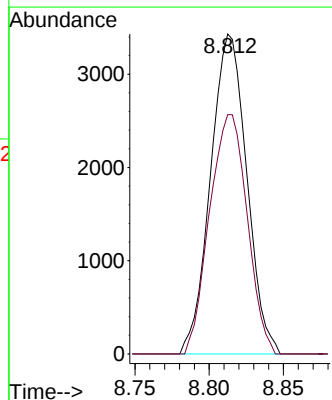
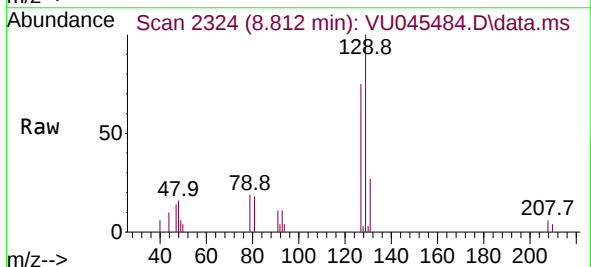
Instrument :
MSVOA_U
ClientSampleId :

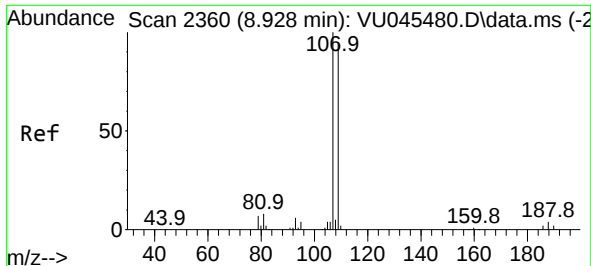
Tgt Ion: 43	Resp: 20469
Ion Ratio	Lower Upper
43	100
58	56.8 47.0 70.4
57	18.0 16.3 24.5
100	12.7 10.4 15.6



#49
Dibromochloromethane
Concen: 2.369 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 129	Resp: 5820
Ion Ratio	Lower Upper
129	100
127	74.8 54.9 101.9

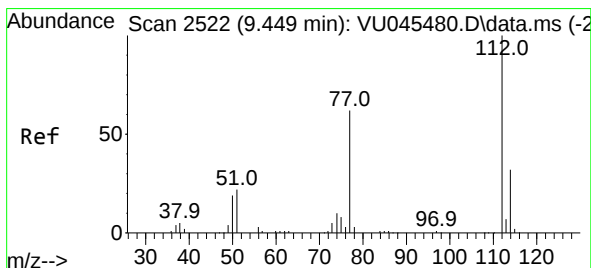
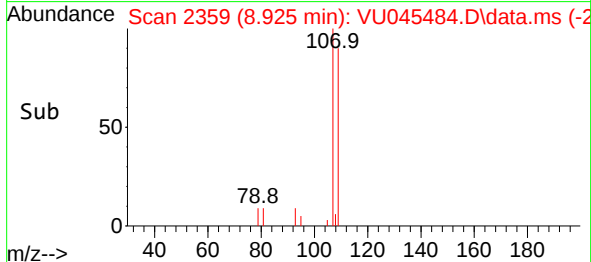
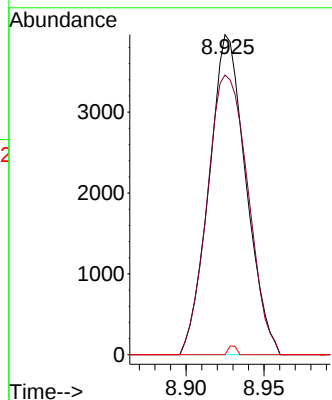
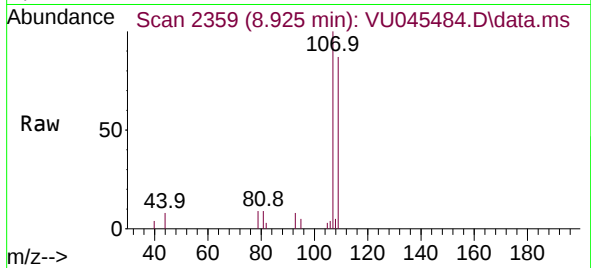




#50
1,2-Dibromoethane
Concen: 2.436 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

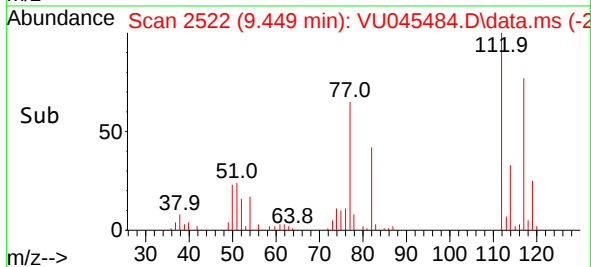
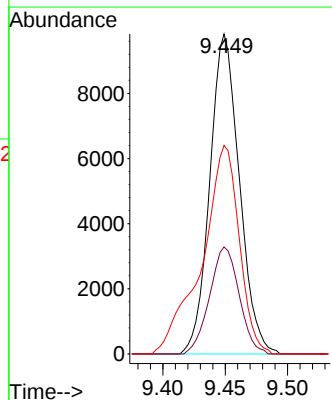
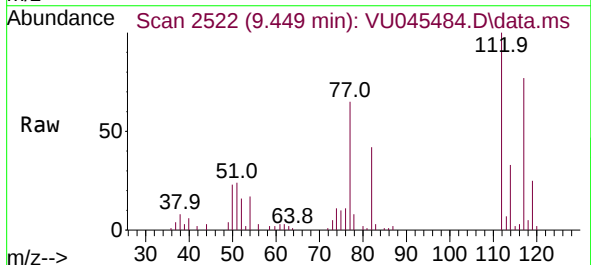
Instrument :
MSVOA_U
ClientSampleId :

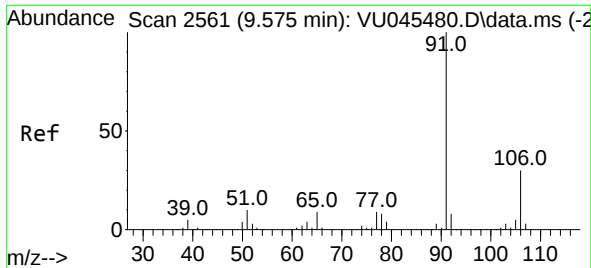
Tgt Ion:107 Resp: 6518
Ion Ratio Lower Upper
107 100
109 87.4 66.1 122.8
188 0.0 2.8 4.2#



#51
Chlorobenzene
Concen: 2.494 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:112 Resp: 16217
Ion Ratio Lower Upper
112 100
114 33.4 22.5 41.7
77 65.1 49.8 74.6

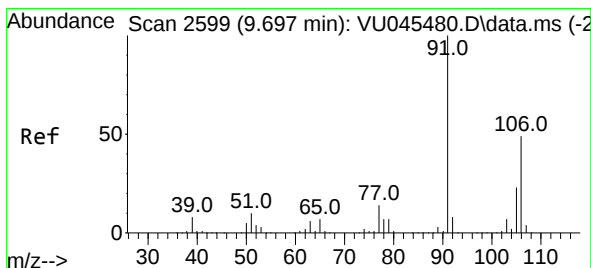
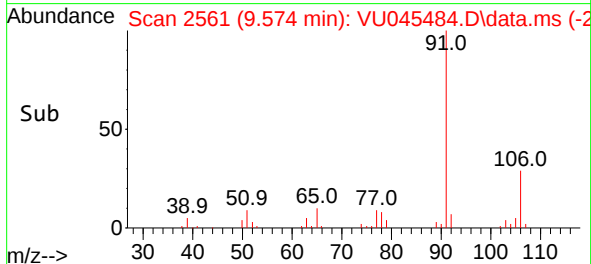
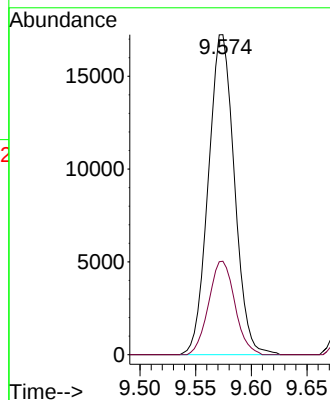
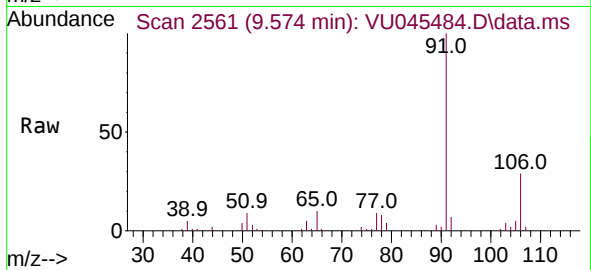




#52
Ethylbenzene
Concen: 2.461 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

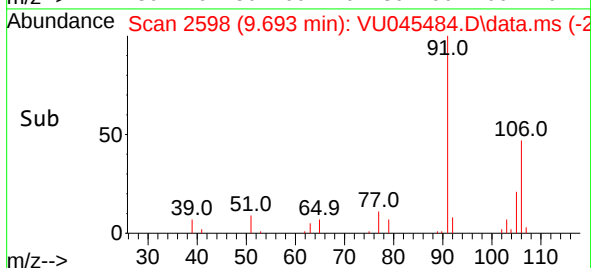
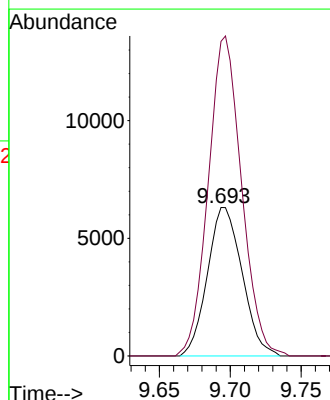
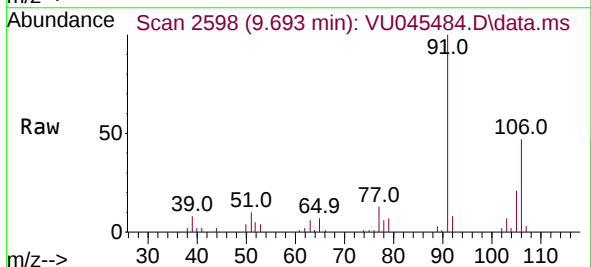
Instrument :
MSVOA_U
ClientSampleId :

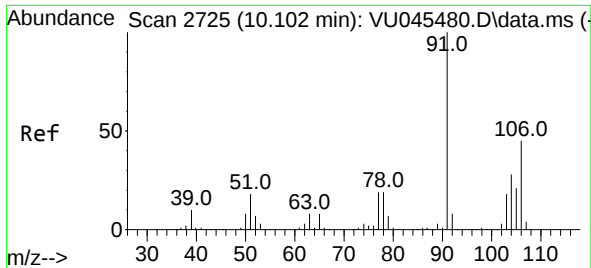
Tgt Ion: 91 Resp: 28083
Ion Ratio Lower Upper
91 100
106 29.2 21.7 40.3



#53
m,p-Xylene
Concen: 2.461 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion: 106 Resp: 10750
Ion Ratio Lower Upper
106 100
91 211.9 142.2 264.2

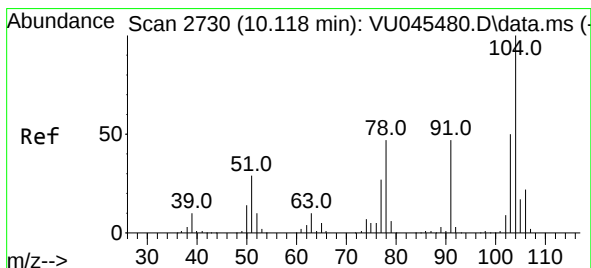
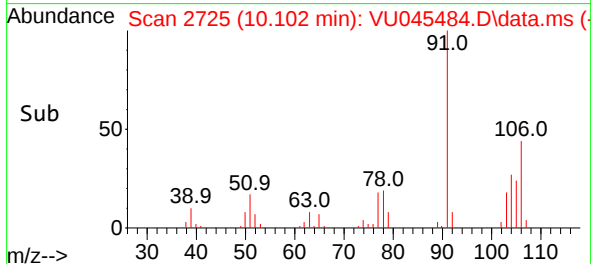
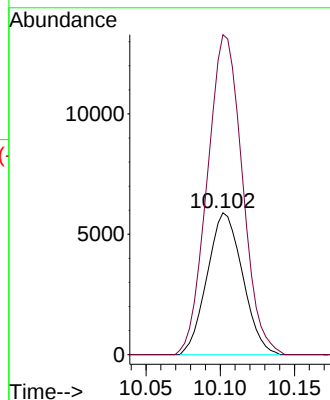
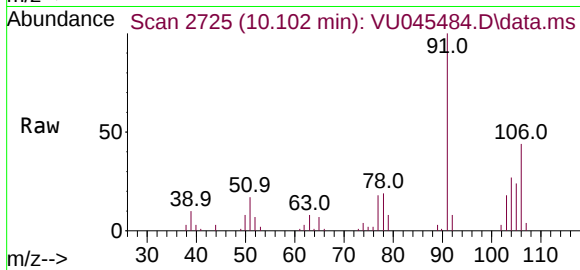




#54
o-xylene
Concen: 2.262 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

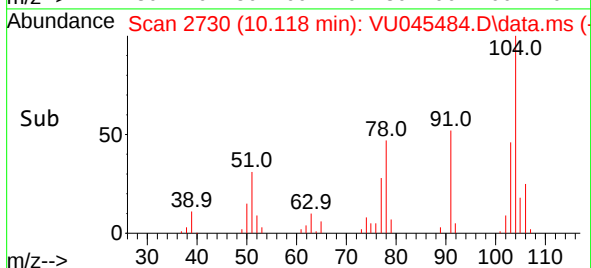
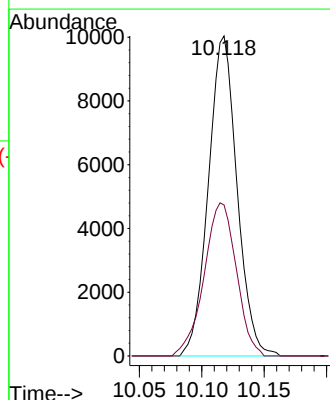
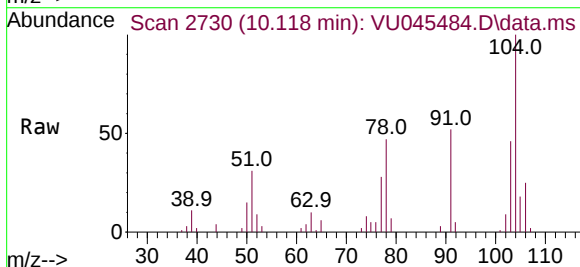
Instrument :
MSVOA_U
ClientSampleId :

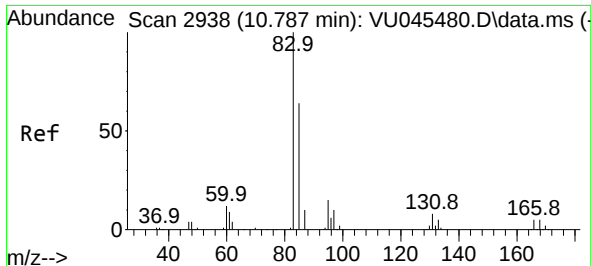
Tgt Ion:106 Resp: 9785
Ion Ratio Lower Upper
106 100
91 225.4 155.2 288.2



#55
Styrene
Concen: 2.209 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:104 Resp: 16050
Ion Ratio Lower Upper
104 100
78 47.2 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.673 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

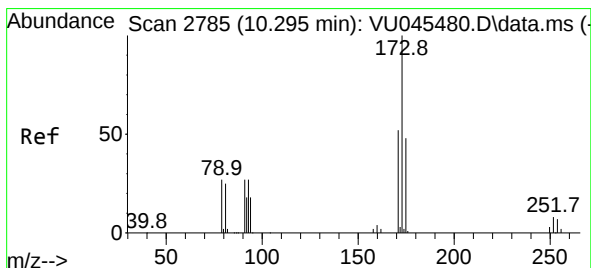
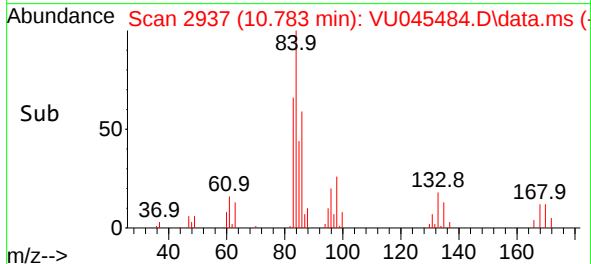
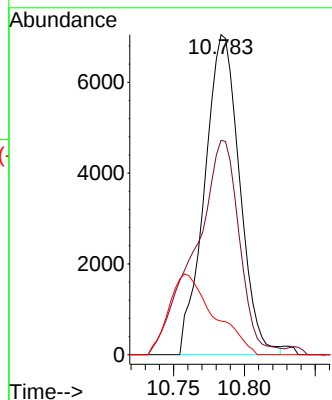
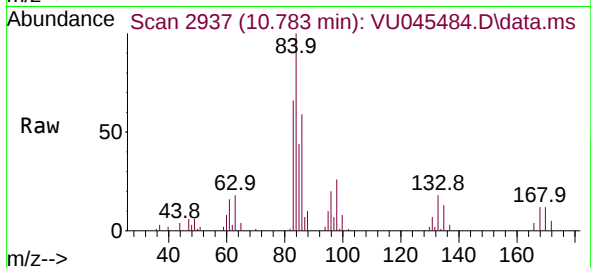
Tgt Ion: 83 Resp: 12105

Ion Ratio Lower Upper

83 100

85 67.0 46.0 85.4

131 13.2 7.0 10.4#



#59

Bromoform

Concen: 2.351 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

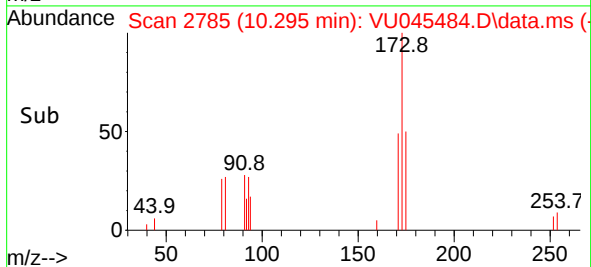
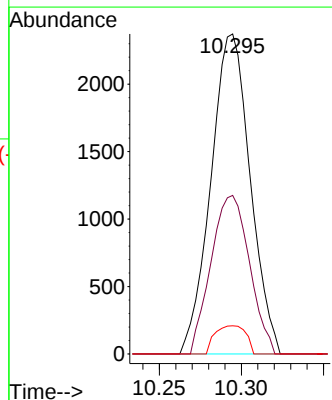
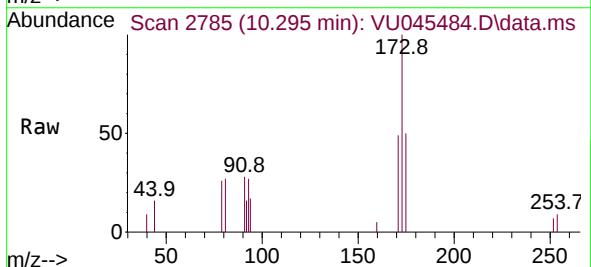
Tgt Ion:173 Resp: 3947

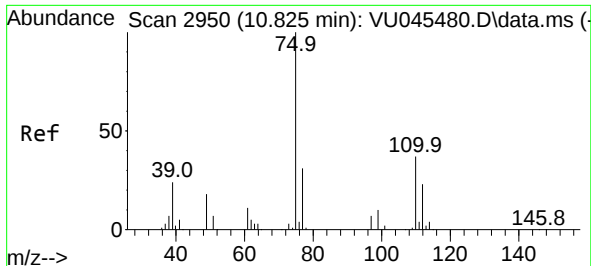
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 6.9 5.8 8.8

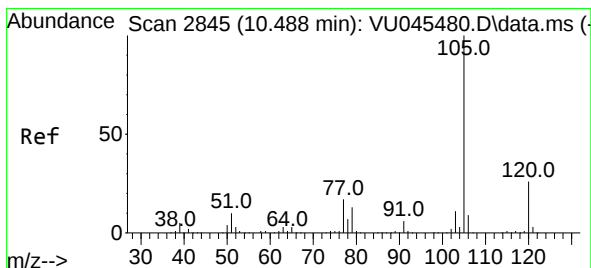
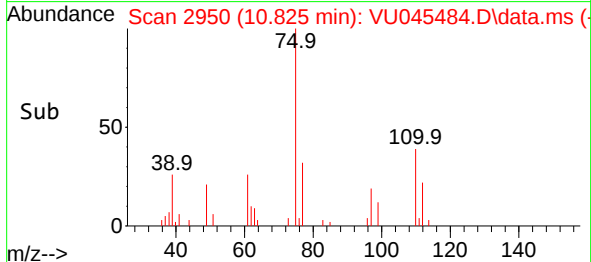
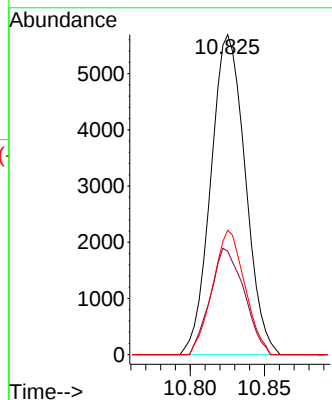
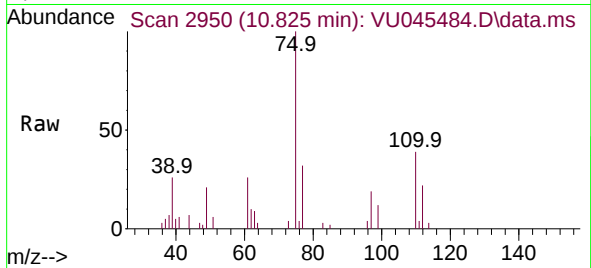




#60
1,2,3-Trichloropropane
Concen: 2.559 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

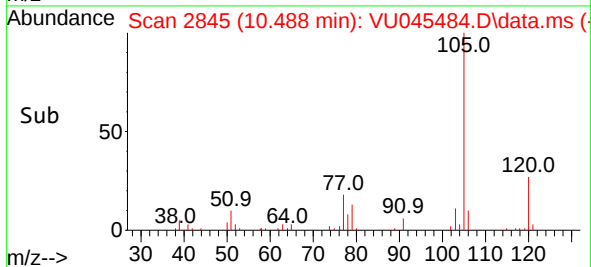
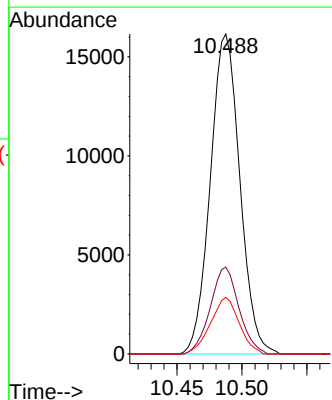
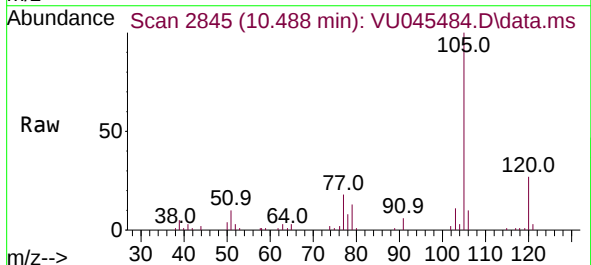
Instrument :
MSVOA_U
ClientSampleId :

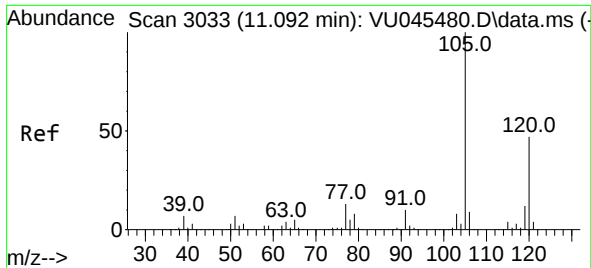
Tgt Ion:	75	Resp:	9175
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.9	38.9
110	36.4	29.8	44.8



#61
Isopropylbenzene
Concen: 2.372 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:	105	Resp:	25526
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.4	30.6
77	17.2	13.3	19.9

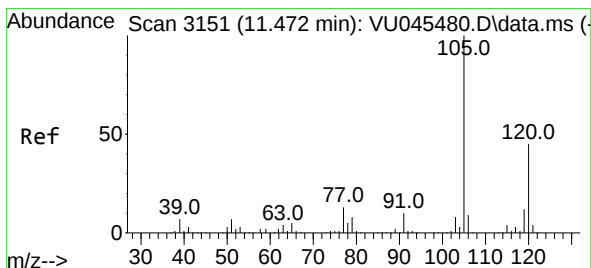
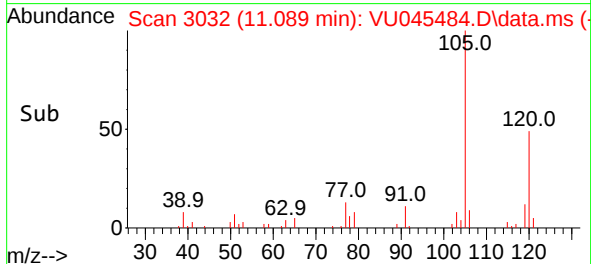
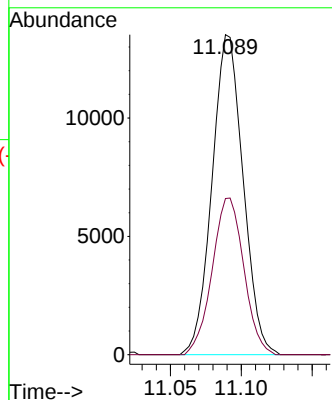
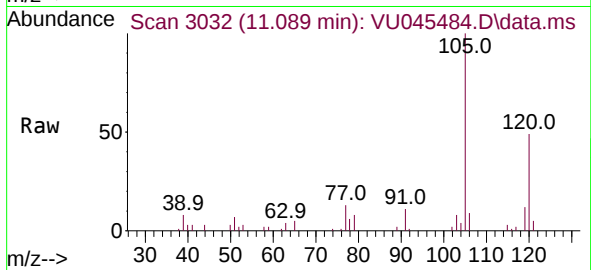




#62
 1,3,5-Trimethylbenzene
 Concen: 2.247 ug/L
 RT: 11.089 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU045484.D
 Acq: 01 Nov 2021 12:45

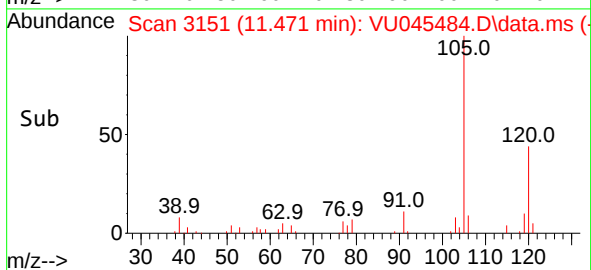
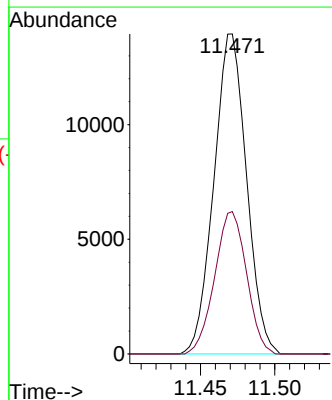
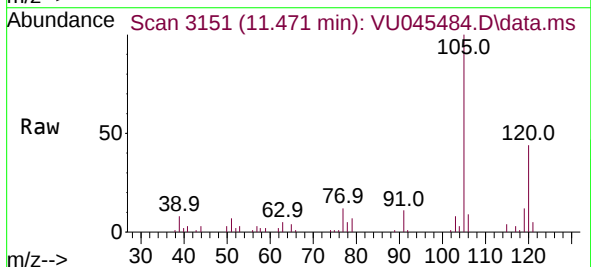
Instrument :
 MSVOA_U
 ClientSampleId :

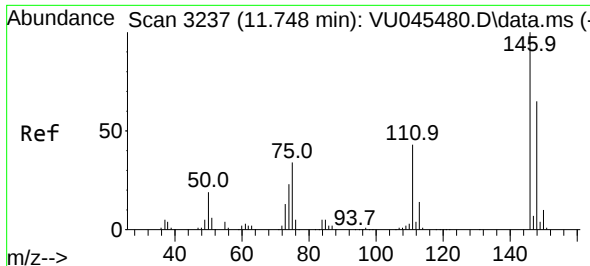
Tgt Ion:105 Resp: 20599
 Ion Ratio Lower Upper
 105 100
 120 49.9 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 2.286 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045484.D
 Acq: 01 Nov 2021 12:45

Tgt Ion:105 Resp: 21299
 Ion Ratio Lower Upper
 105 100
 120 43.4 35.6 53.4

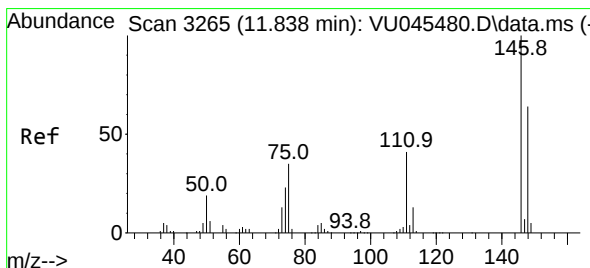
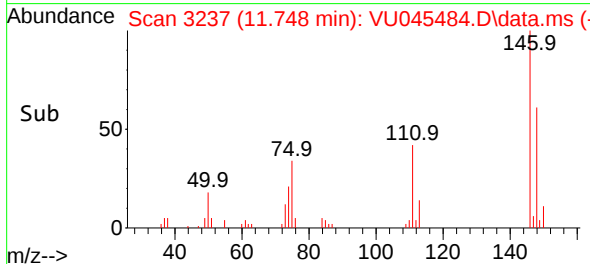
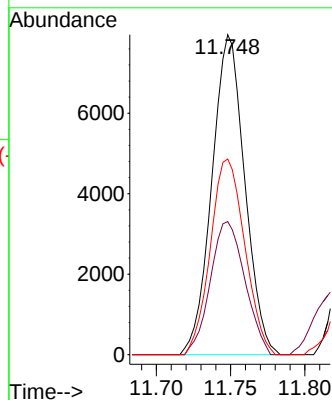
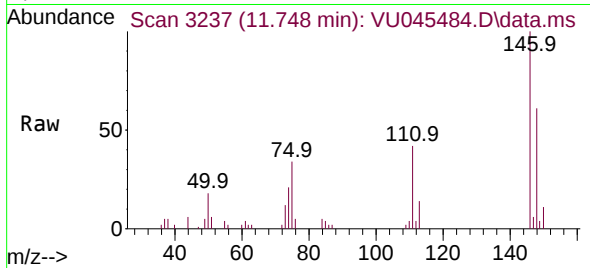




#64
1,3-Dichlorobenzene
Concen: 2.571 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

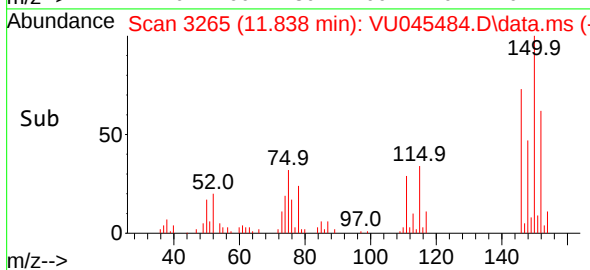
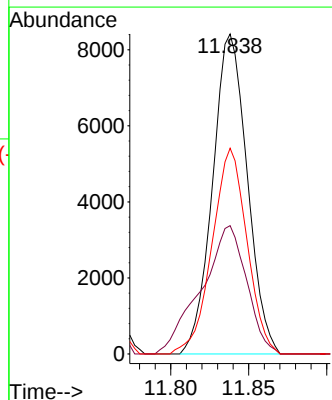
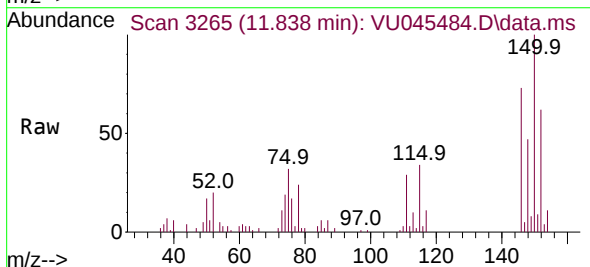
Instrument :
MSVOA_U
ClientSampleId :

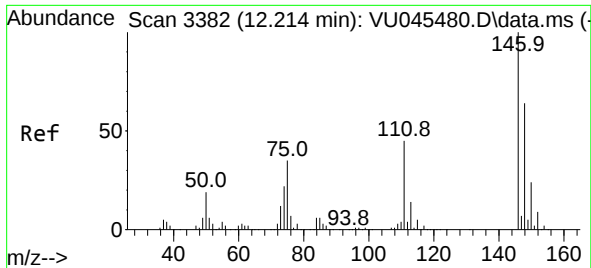
Tgt Ion:146 Resp: 12237
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.4
148 65.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.699 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045484.D
Acq: 01 Nov 2021 12:45

Tgt Ion:146 Resp: 12996
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.0
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.566 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

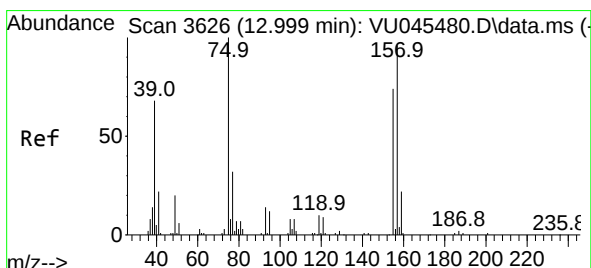
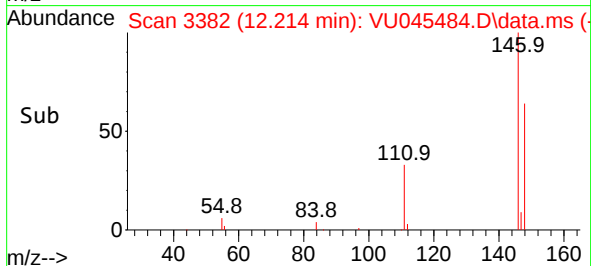
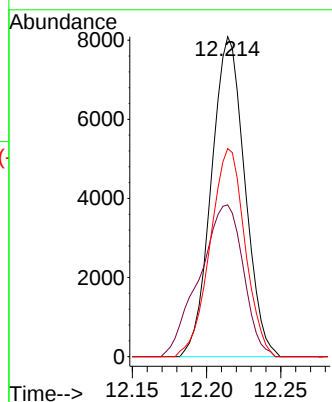
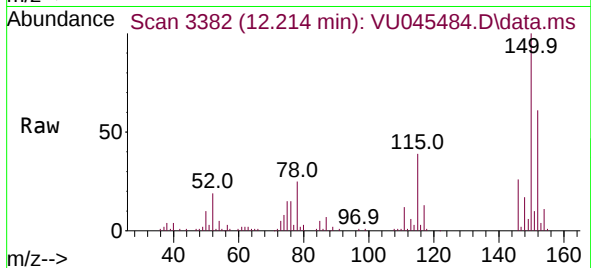
Tgt Ion:146 Resp: 12638

Ion Ratio Lower Upper

146 100

111 44.0 34.6 52.0

148 60.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.374 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

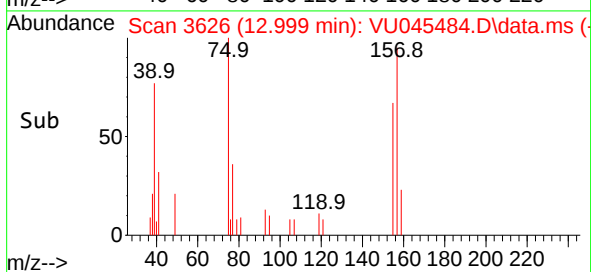
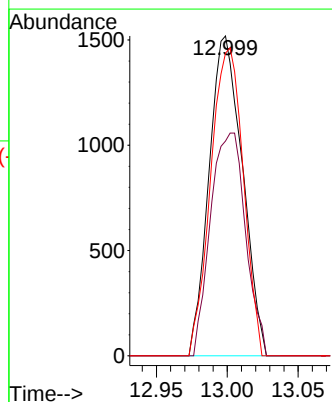
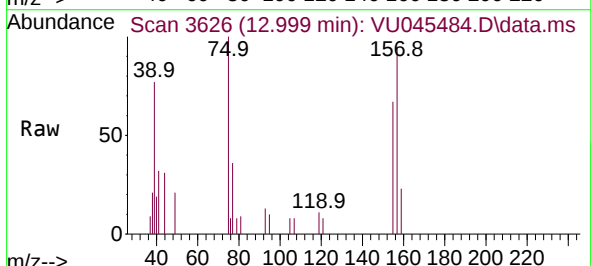
Tgt Ion: 75 Resp: 2485

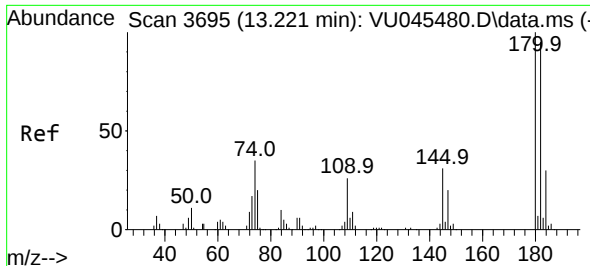
Ion Ratio Lower Upper

75 100

155 67.1 60.0 90.0

157 94.6 77.9 116.9





#69

1,3,5-Trichlorobenzene

Concen: 2.376 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

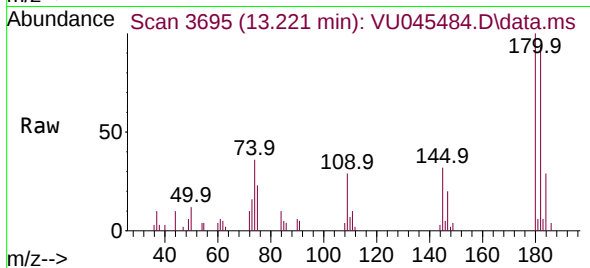
Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8342

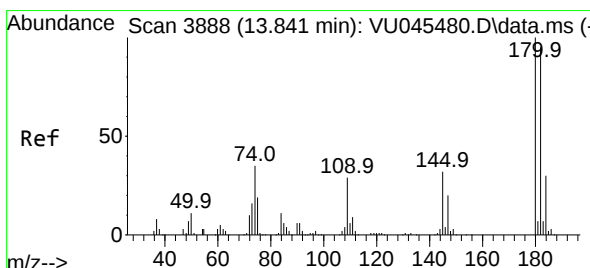
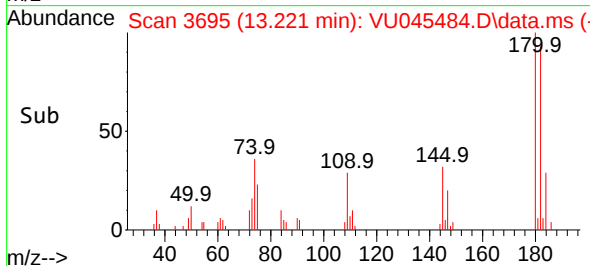
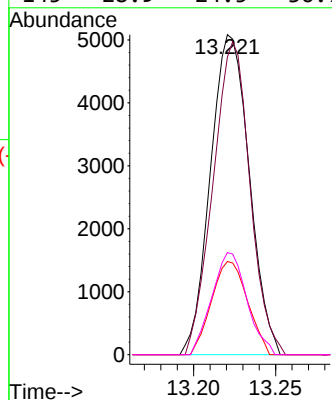
Ion Ratio Lower Upper

180 100

182 93.0 76.6 114.8

184 27.1 23.9 35.9

145 28.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 2.332 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

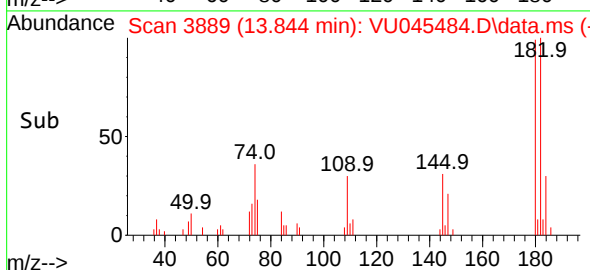
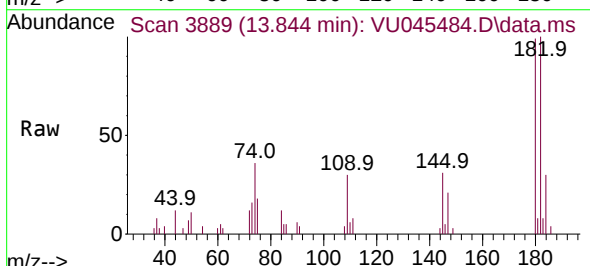
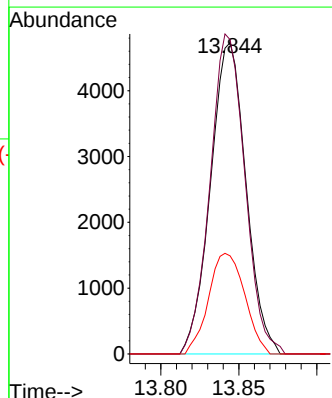
Tgt Ion:180 Resp: 7479

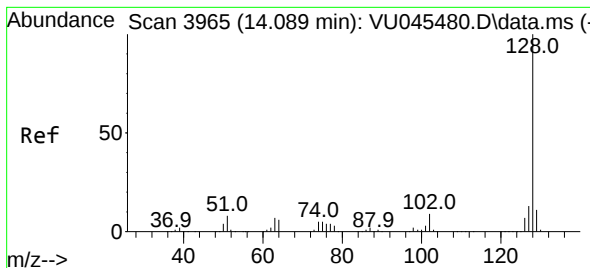
Ion Ratio Lower Upper

180 100

182 100.9 76.1 114.1

145 32.9 25.3 37.9





#71

Naphthalene

Concen: 2.294 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

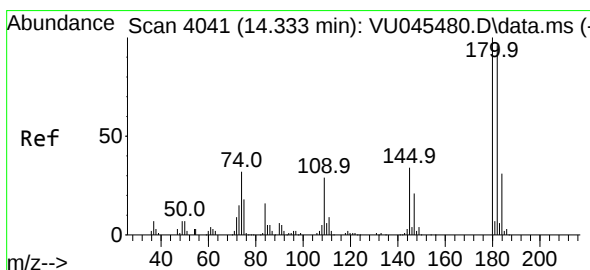
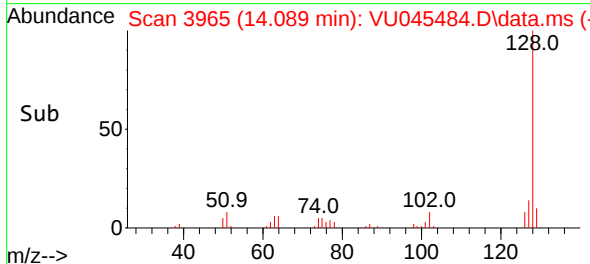
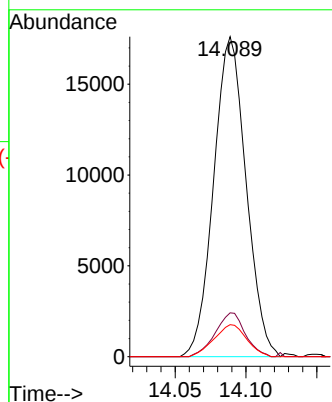
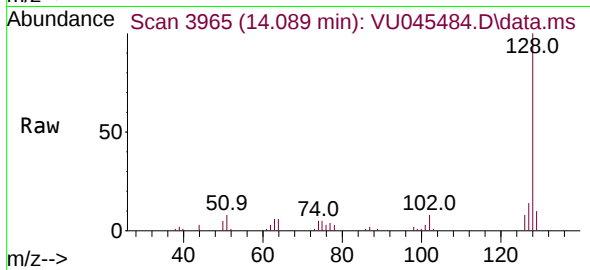
Tgt Ion:128 Resp: 28033

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.503 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VU045484.D

Acq: 01 Nov 2021 12:45

Tgt Ion:180 Resp: 8216

Ion Ratio Lower Upper

180 100

182 98.2 75.7 113.5

145 34.0 27.0 40.4

