

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045881.D
 Acq On : 18 Nov 2021 20:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:56:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	52650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29294	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.916	69	23516	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.569	65	12473	3.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.642	46	95012	45.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	5.067	84	53204	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.707	65	30900	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.729	84	108186	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.694	67	35922	4.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.900	98	98813	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.182	79	14103	4.075	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.636	63	69325	44.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32105	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37609	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36191	4.564	ug/L	100
3) Chloromethane	1.520	50	31637	3.765	ug/L	96
5) Vinyl chloride	1.607	62	36196	4.292	ug/L	98
6) Bromomethane	1.861	94	11706	2.340	ug/L	96
8) Chloroethane	1.938	64	22003	4.575	ug/L	96
9) Trichlorofluoromethane	2.141	101	50798	4.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	29154	4.566	ug/L	97
12) 1,1-Dichloroethene	2.585	96	27286	4.526	ug/L	86
13) Acetone	2.662	43	59120	48.575	ug/L	95
14) Carbon disulfide	2.797	76	80475	4.221	ug/L	100
15) Methyl Acetate	2.961	43	13331	4.464	ug/L	94
16) Methylene chloride	3.051	84	32873	3.693	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	74583	4.752	ug/L	99
18) trans-1,2-Dichloroethene	3.360	96	28870	4.467	ug/L	99
19) 1,1-Dichloroethane	3.874	63	56437	4.662	ug/L	99
21) 2-Butanone	4.720	43	99237	48.460	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	33844	4.830	ug/L	99
23) Bromochloromethane	4.980	128	15293	5.008	ug/L	96
25) Chloroform	5.093	83	61070	4.650	ug/L	95

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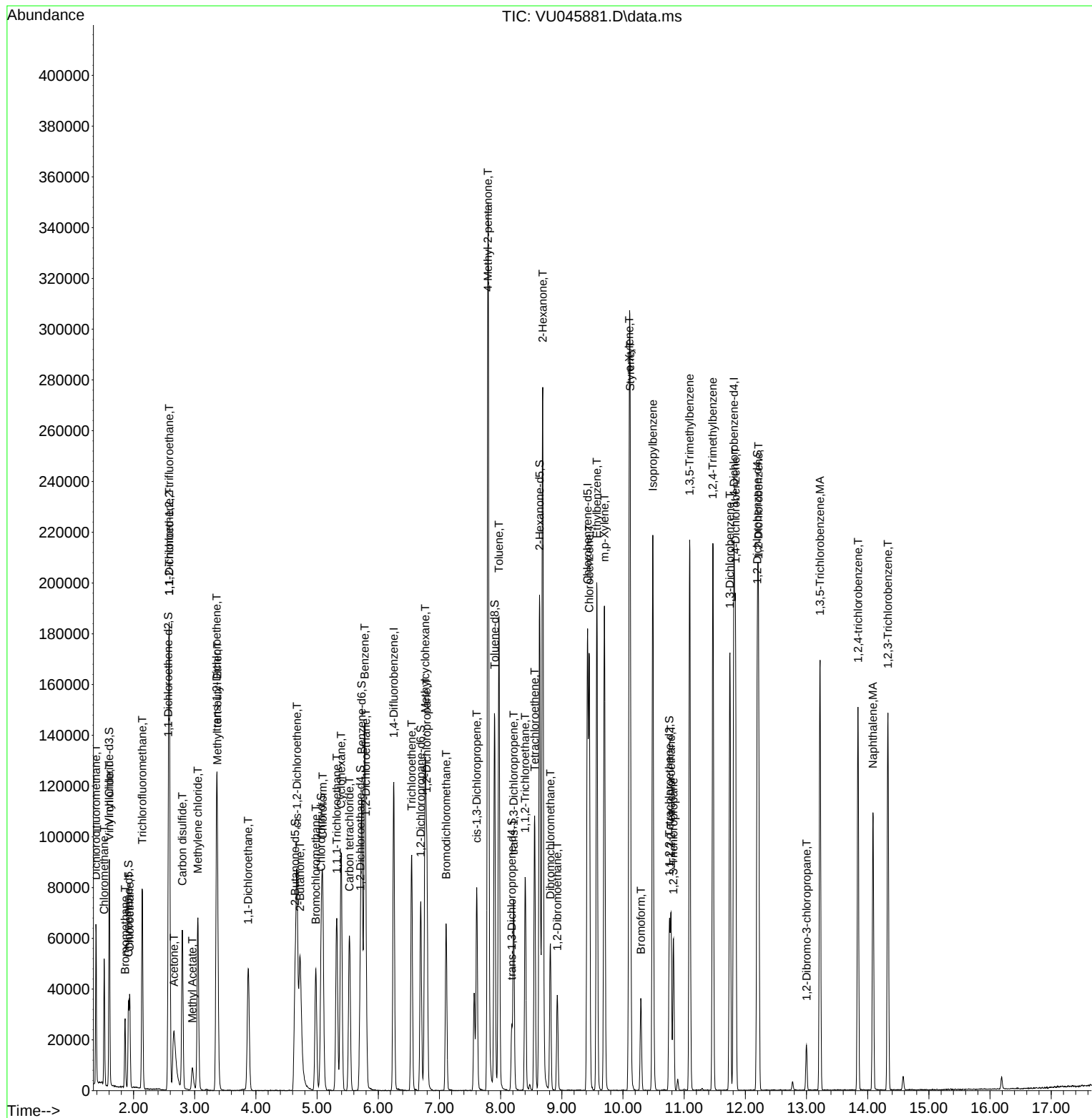
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	39517	4.715	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	51058	4.784	ug/L	99
30) Cyclohexane	5.392	56	46344	4.379	ug/L	100
31) Carbon tetrachloride	5.527	117	42794	4.769	ug/L	100
33) Benzene	5.777	78	125639	4.584	ug/L	100
34) Trichloroethene	6.546	95	31937	4.521	ug/L	97
35) Methylcyclohexane	6.768	83	48359	4.458	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34323	4.758	ug/L	100
38) Bromodichloromethane	7.109	83	42582	4.785	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	48193	4.702	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	231221	48.872	ug/L	98
42) Toluene	7.973	91	136694	4.831	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42171	4.729	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	26015	4.858	ug/L	97
47) Tetrachloroethene	8.555	164	24245	4.903	ug/L	97
48) 2-Hexanone	8.687	43	171885	50.289	ug/L	97
49) Dibromochloromethane	8.813	129	29512	4.839	ug/L	99
50) 1,2-Dibromoethane	8.925	107	24881	4.932	ug/L	98
51) Chlorobenzene	9.449	112	87249	4.916	ug/L	99
52) Ethylbenzene	9.572	91	142832	4.823	ug/L	100
53) m,p-Xylene	9.697	106	56159	4.951	ug/L	93
54) o-Xylene	10.102	106	54906	5.016	ug/L	97
55) Styrene	10.118	104	95995	5.209	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	33664	4.908	ug/L	95
59) Bromoform	10.292	173	15898	4.559	ug/L	98
60) Isopropylbenzene	10.488	105	146339	4.734	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24943	4.564	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	118624	4.693	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	120515	4.759	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	69953	4.851	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	69170	4.722	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	66277	4.794	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4730	4.160	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	50007	4.636	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	43767	4.795	ug/L	99
71) Naphthalene	14.086	128	85320	4.550	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43633	4.804	ug/L	99

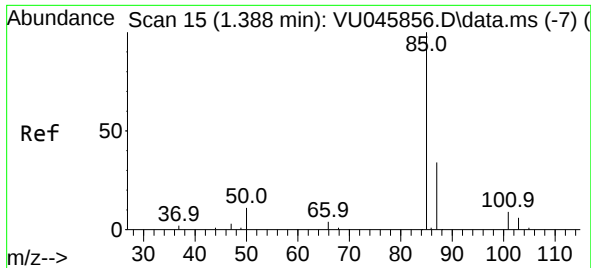
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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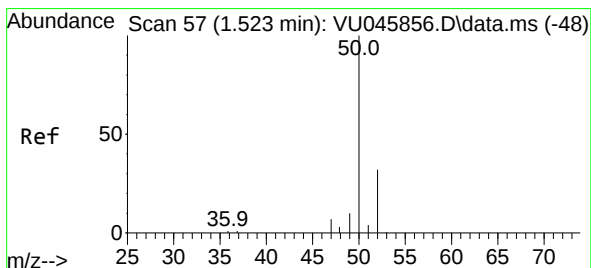
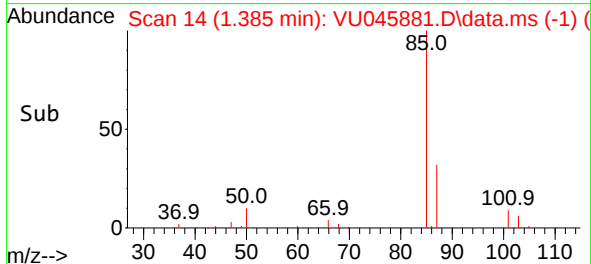
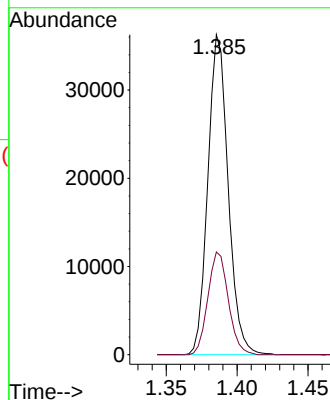
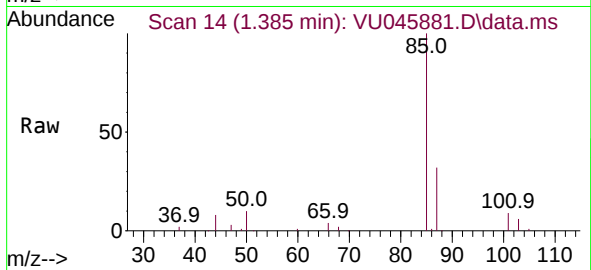




#2
 Dichlorodifluoromethane
 Concen: 4.564 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

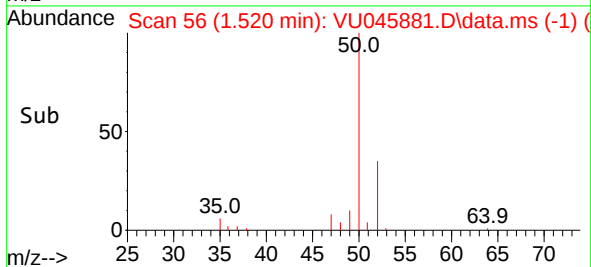
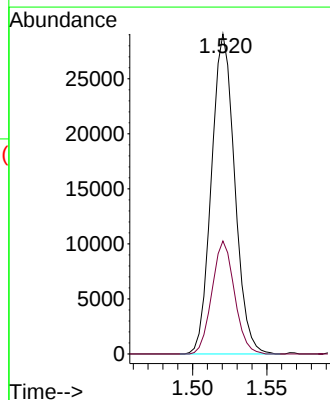
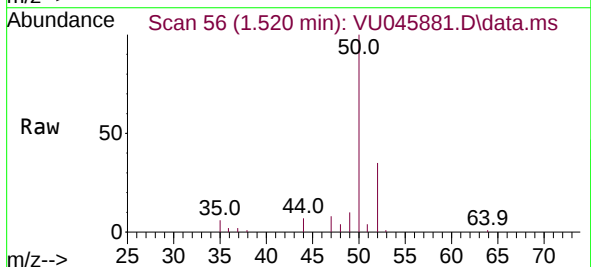
Instrument :
 MSVOA_U
 ClientSampleId :

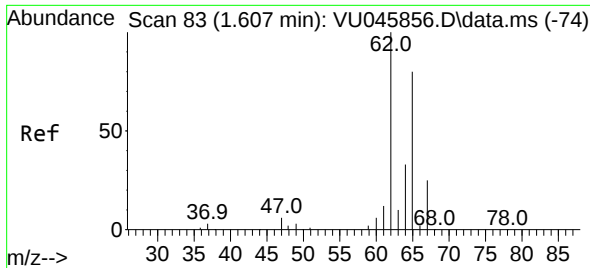
Tgt Ion: 85 Resp: 36191
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 3.765 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

Tgt Ion: 50 Resp: 31637
 Ion Ratio Lower Upper
 50 100
 52 35.3 23.0 42.8

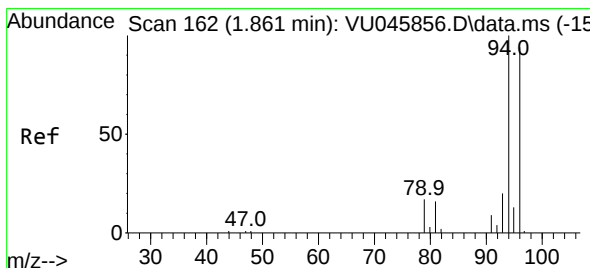
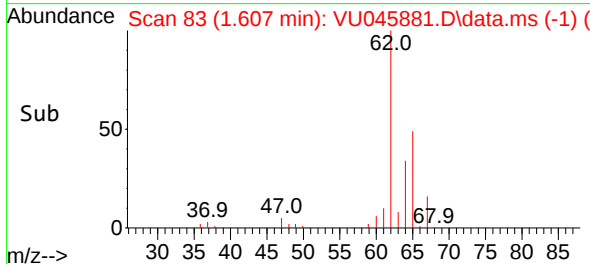
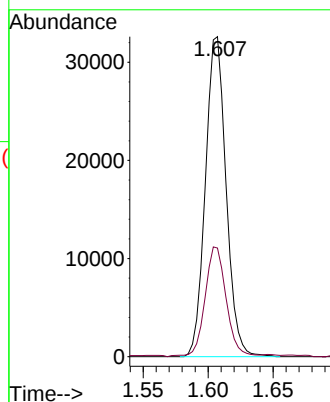
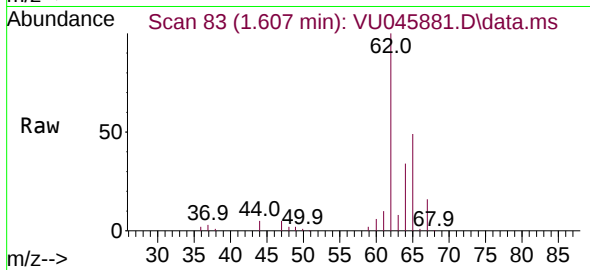




#5
 Vinyl chloride
 Concen: 4.292 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

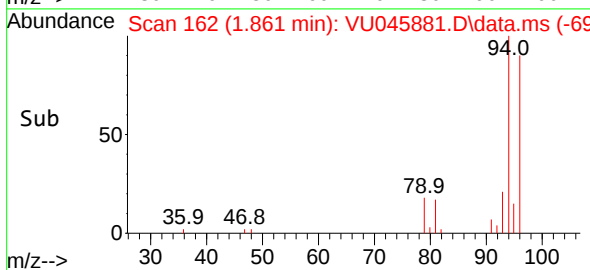
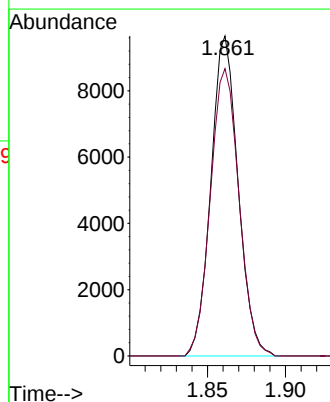
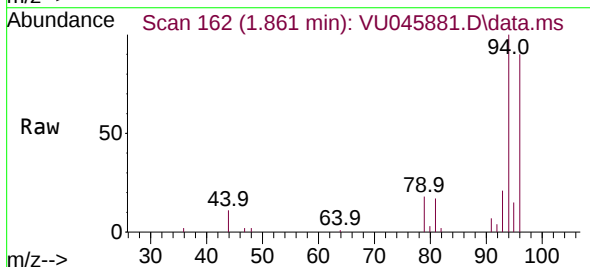
Instrument :
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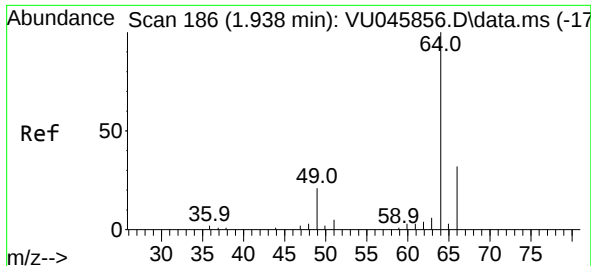
Tgt Ion: 62 Resp: 36196
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.9 42.5



#6
 Bromomethane
 Concen: 2.340 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

Tgt Ion: 94 Resp: 11706
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.5 121.6

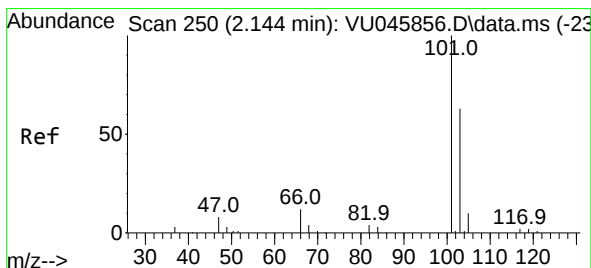
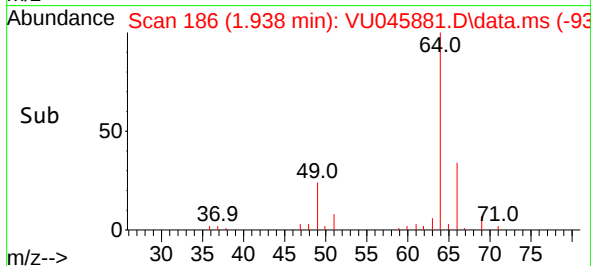
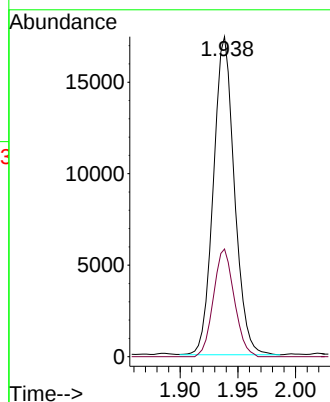
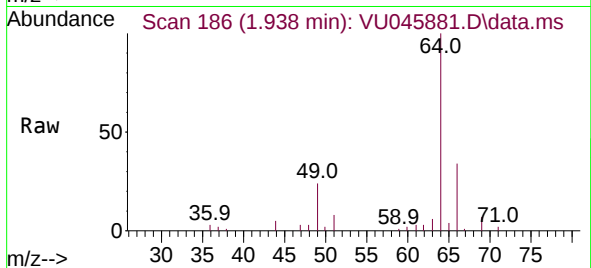




#8
Chloroethane
Concen: 4.575 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

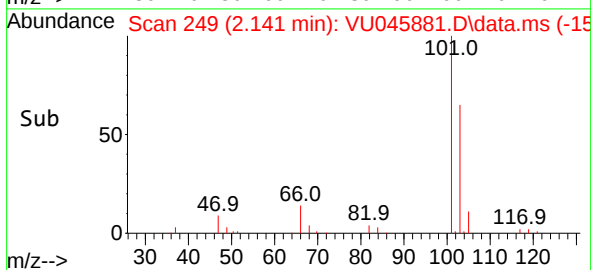
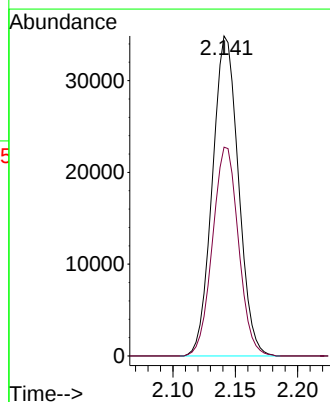
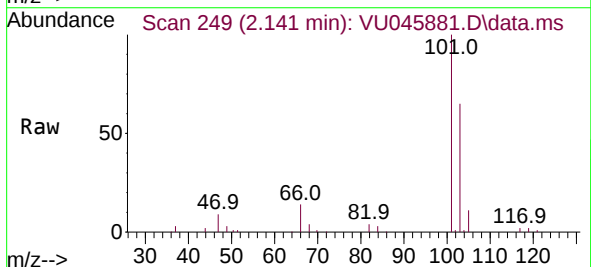
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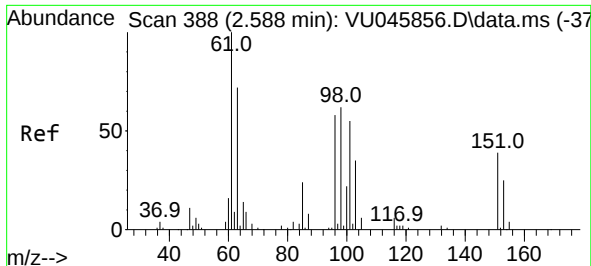
Tgt Ion: 64 Resp: 22003
Ion Ratio Lower Upper
64 100
66 33.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.665 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:101 Resp: 50798
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

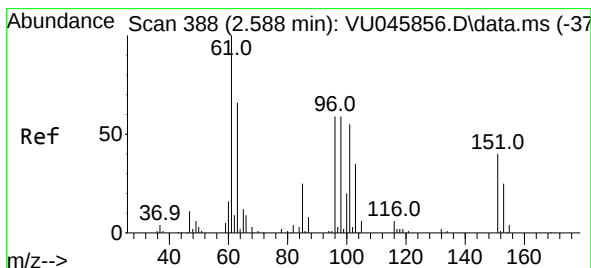
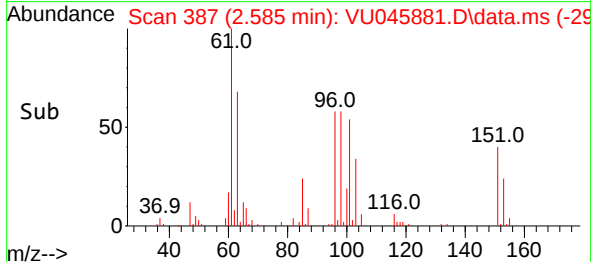
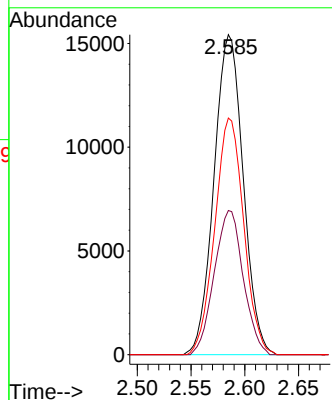
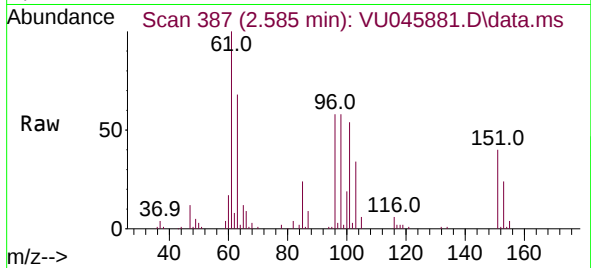




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.566 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

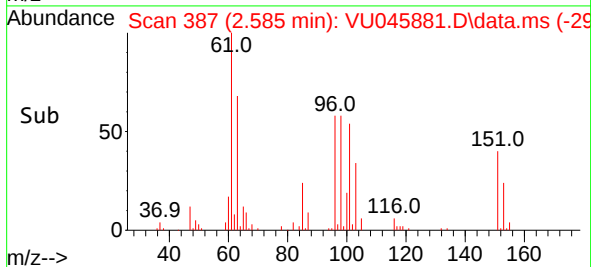
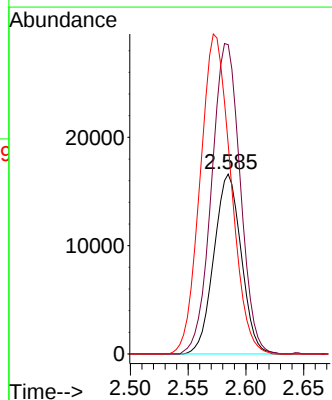
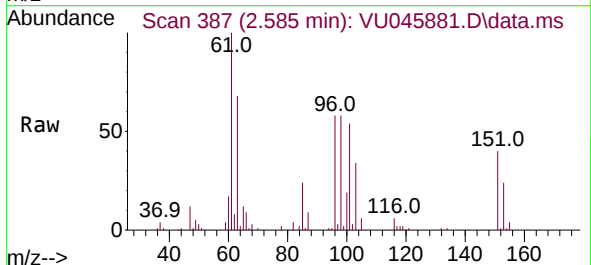
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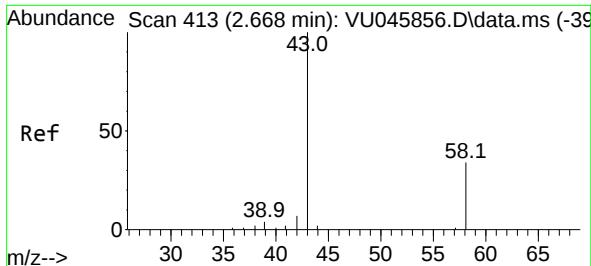
Tgt Ion:101 Resp: 29154
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 51.8
 151 73.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.526 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

Tgt Ion: 96 Resp: 27286
 Ion Ratio Lower Upper
 96 100
 61 172.0 124.7 231.5
 63 116.7 105.2 195.4





#13

Acetone

Concen: 48.575 ug/L

RT: 2.662 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

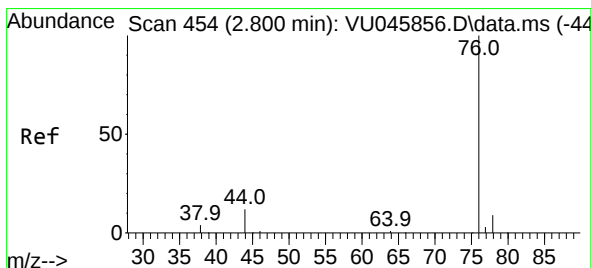
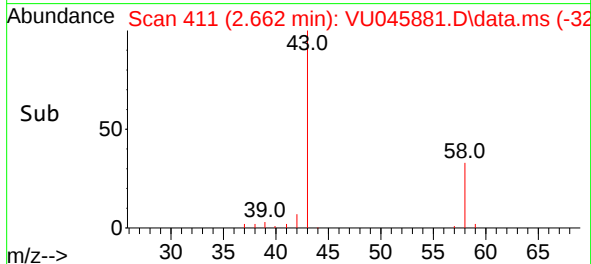
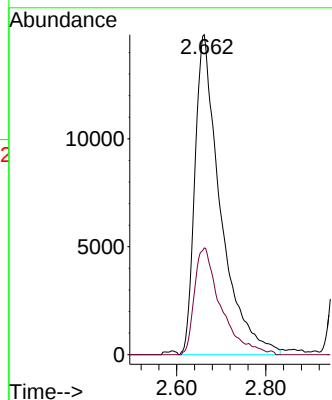
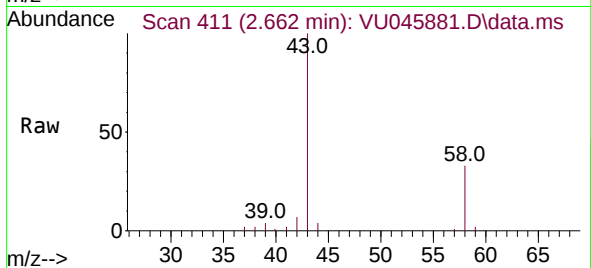
ClientSampleId :

Tgt Ion: 43 Resp: 59120

Ion Ratio Lower Upper

43 100

58 32.7 0.0 71.6



#14

Carbon disulfide

Concen: 4.221 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045881.D

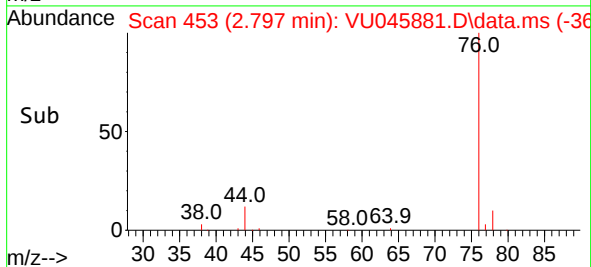
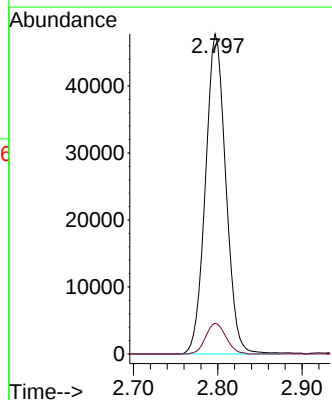
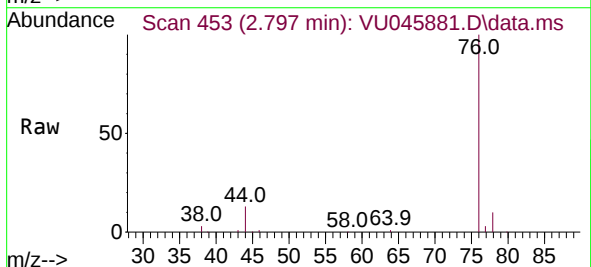
Acq: 18 Nov 2021 20:20

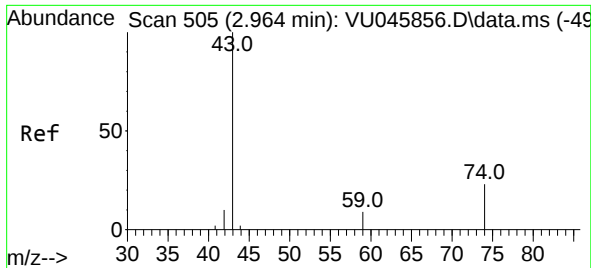
Tgt Ion: 76 Resp: 80475

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

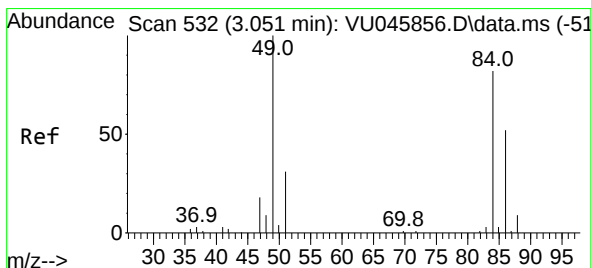
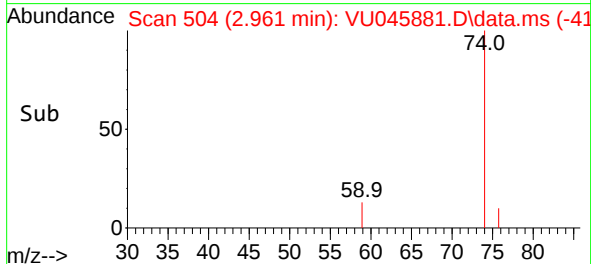
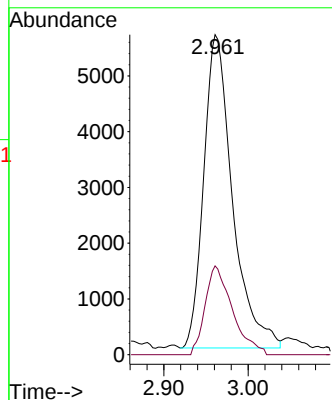
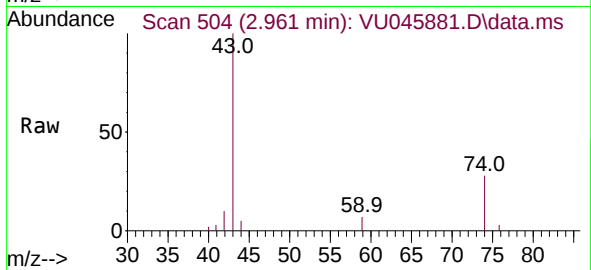




#15
Methyl Acetate
Concen: 4.464 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

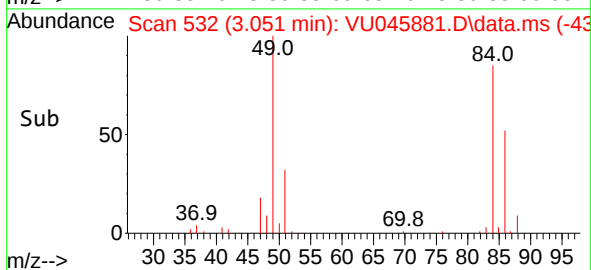
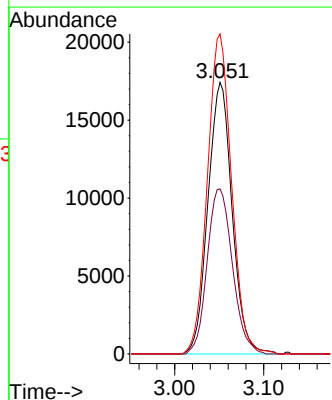
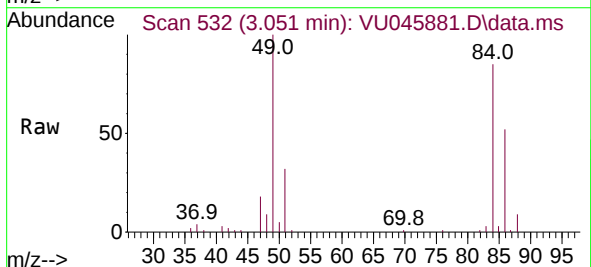
Instrument :
MSVOA_U
ClientSampleId :

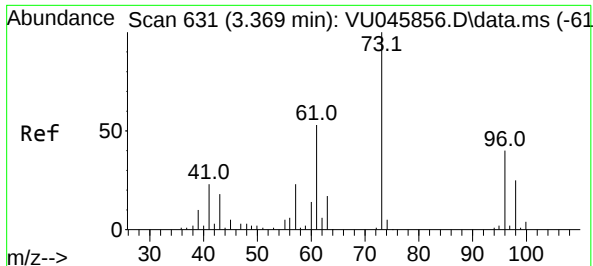
Tgt Ion: 43 Resp: 13331
Ion Ratio Lower Upper
43 100
74 26.8 19.1 28.7



#16
Methylene chloride
Concen: 3.693 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion: 84 Resp: 32873
Ion Ratio Lower Upper
84 100
86 60.8 45.8 85.0
49 117.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.752 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

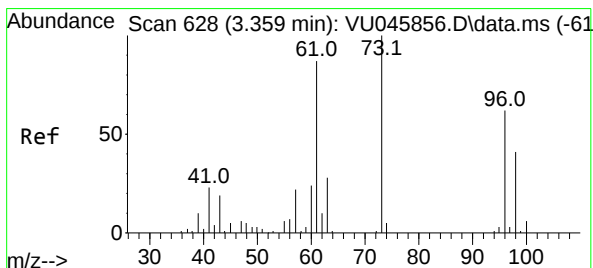
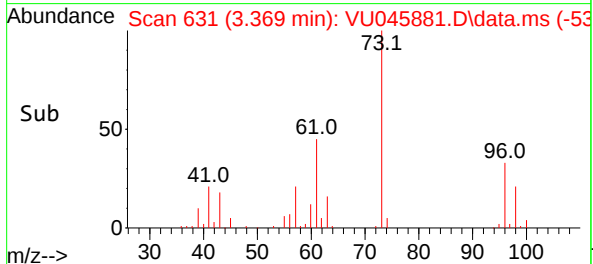
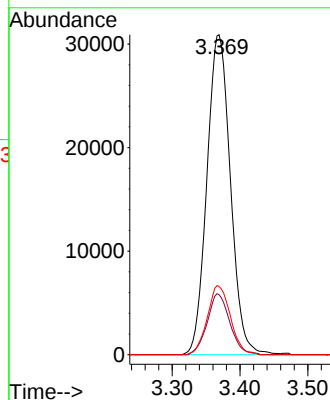
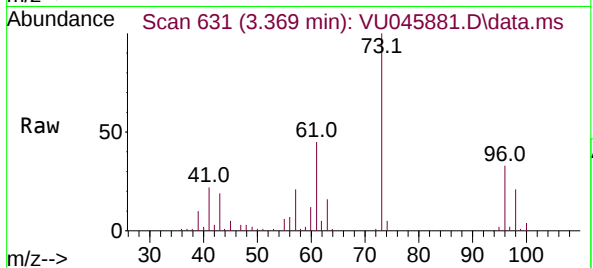
Tgt Ion: 73 Resp: 74583

Ion Ratio Lower Upper

73 100

43 18.3 14.8 22.2

57 21.1 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.467 ug/L

RT: 3.360 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

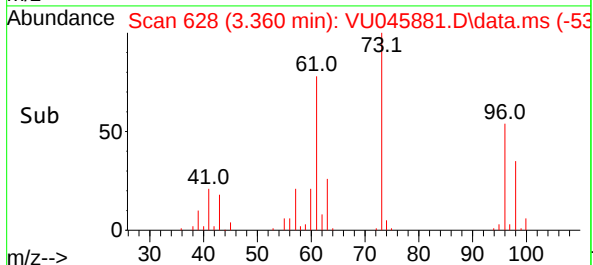
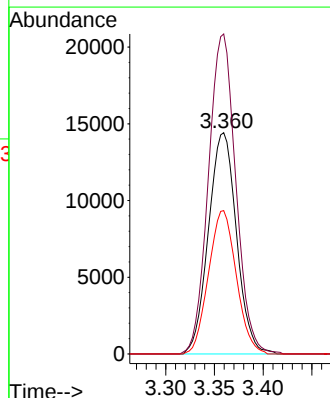
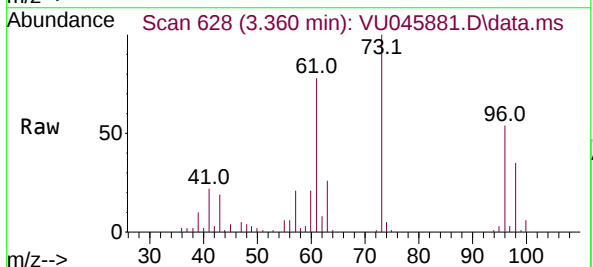
Tgt Ion: 96 Resp: 28870

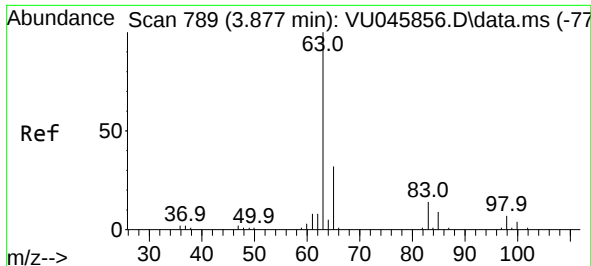
Ion Ratio Lower Upper

96 100

61 144.6 100.8 187.2

98 64.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.662 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

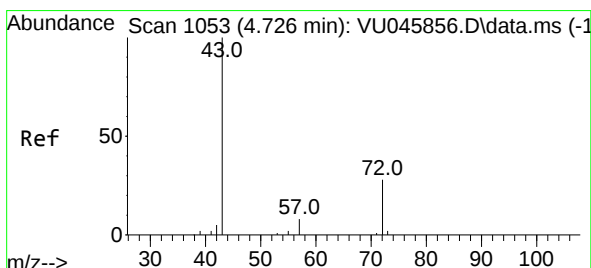
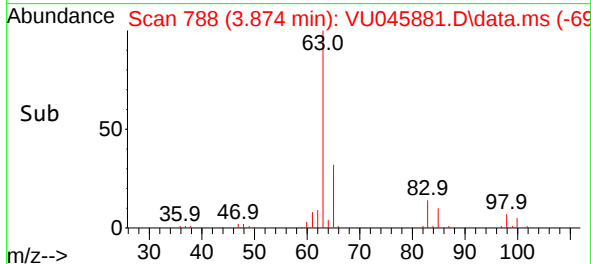
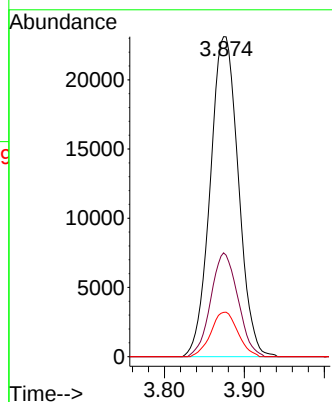
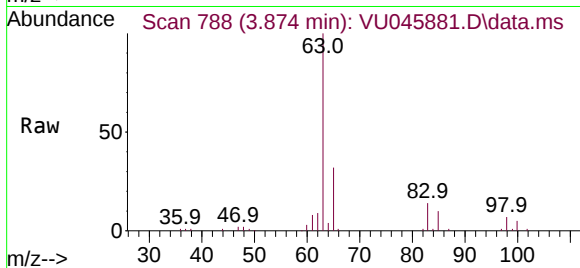
Tgt Ion: 63 Resp: 56437

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 48.460 ug/L

RT: 4.720 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VU045881.D

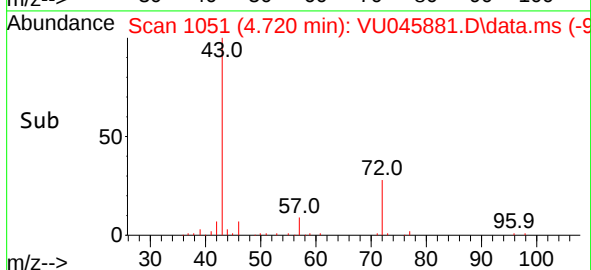
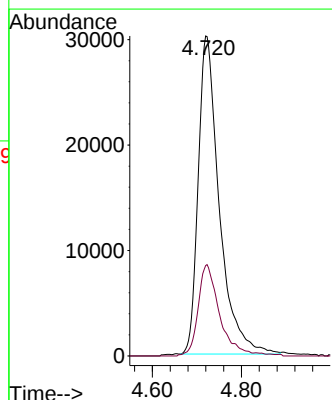
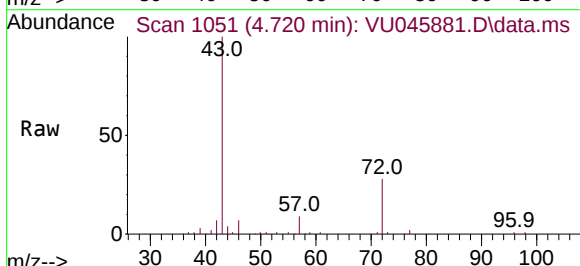
Acq: 18 Nov 2021 20:20

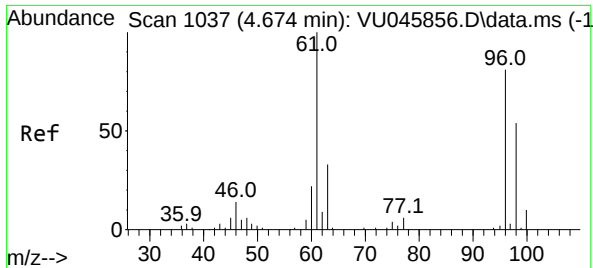
Tgt Ion: 43 Resp: 99237

Ion Ratio Lower Upper

43 100

72 28.8 14.1 42.3

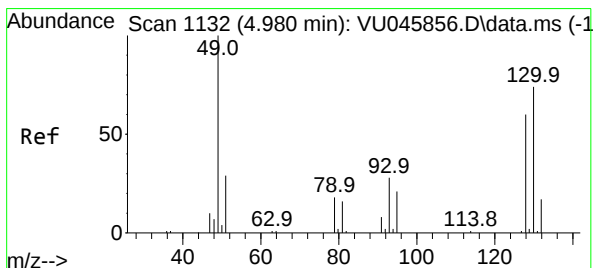
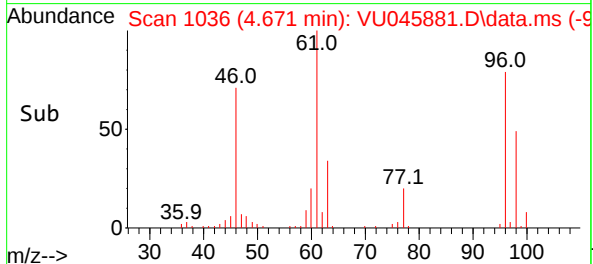
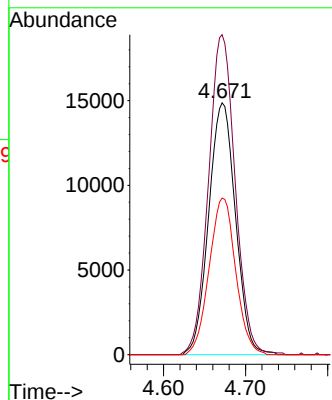
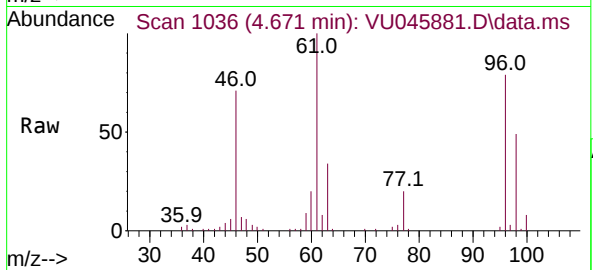




#22
 cis-1,2-Dichloroethene
 Concen: 4.830 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

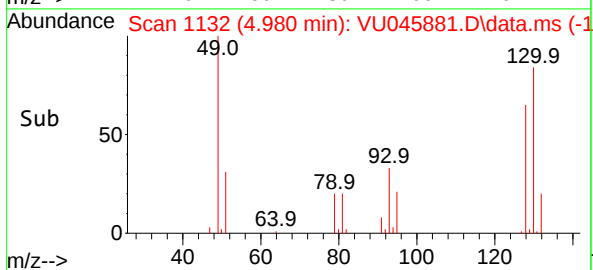
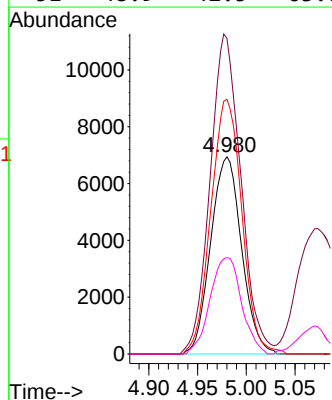
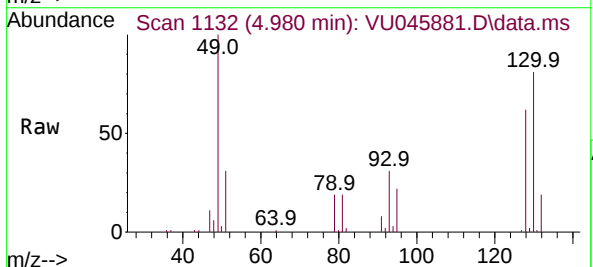
Instrument :
 MSVOA_U
 ClientSampleId :

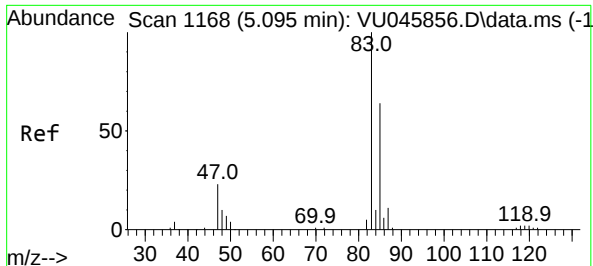
Tgt Ion: 96 Resp: 33844
 Ion Ratio Lower Upper
 96 100
 61 127.0 88.5 164.3
 98 62.2 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.008 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

Tgt Ion: 128 Resp: 15293
 Ion Ratio Lower Upper
 128 100
 49 160.1 117.0 217.2
 130 129.2 88.2 163.8
 51 48.9 42.5 63.7





#25

Chloroform

Concen: 4.650 ug/L

RT: 5.093 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

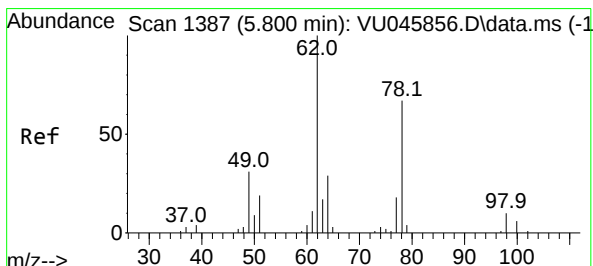
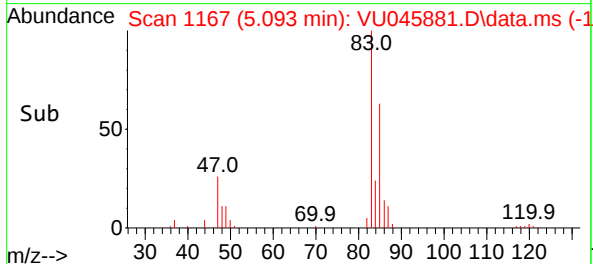
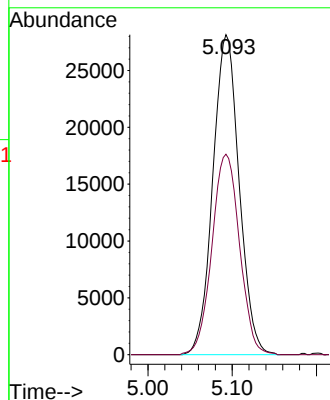
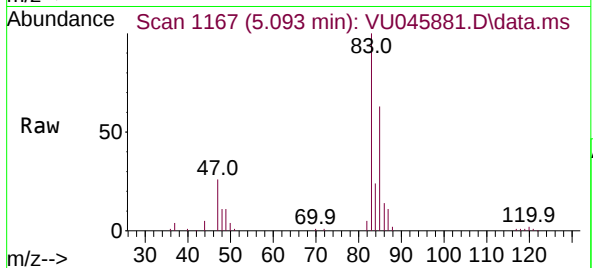
ClientSampleId :

Tgt Ion: 83 Resp: 61070

Ion Ratio Lower Upper

83 100

85 62.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.715 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045881.D

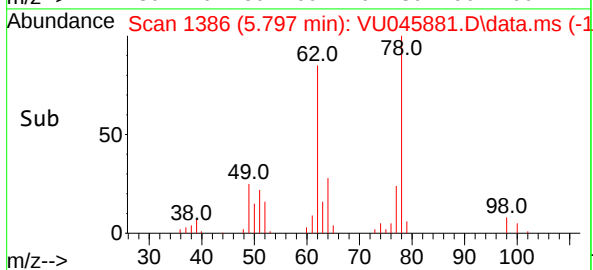
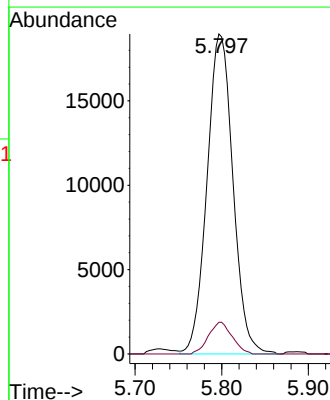
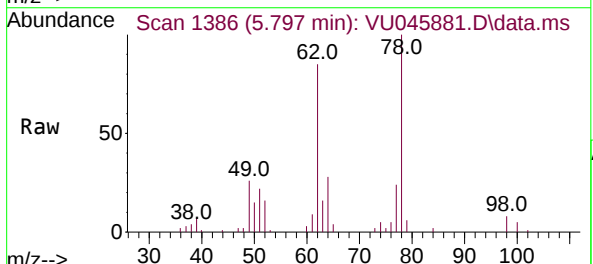
Acq: 18 Nov 2021 20:20

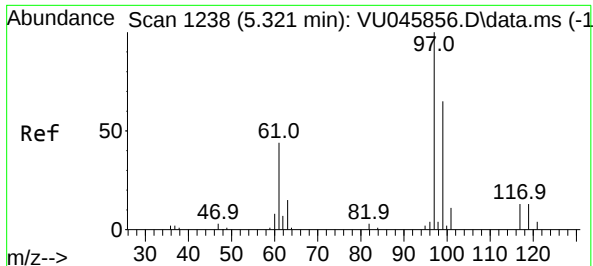
Tgt Ion: 62 Resp: 39517

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.784 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

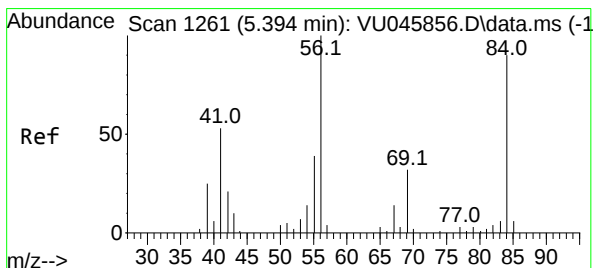
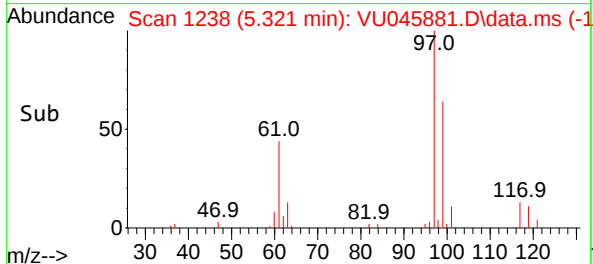
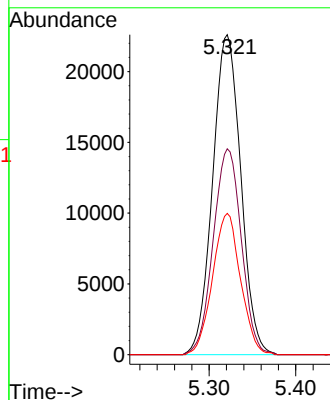
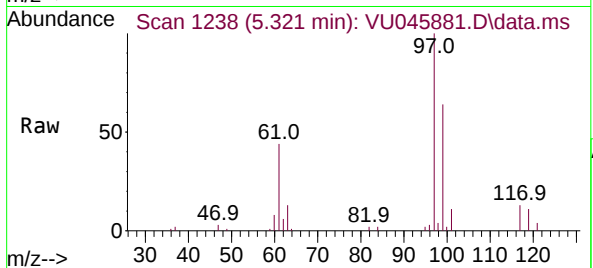
Tgt Ion: 97 Resp: 51058

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.8 36.1 54.1



#30

Cyclohexane

Concen: 4.379 ug/L

RT: 5.392 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

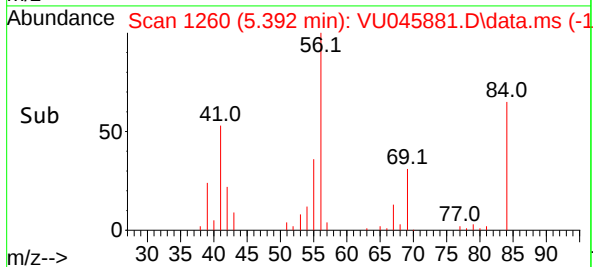
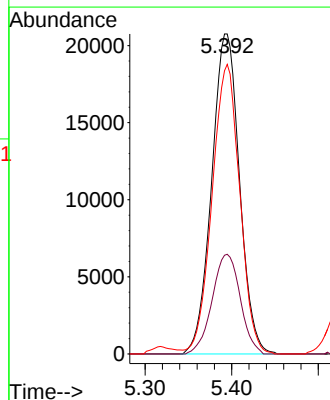
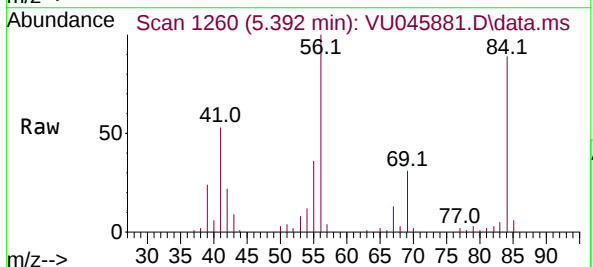
Tgt Ion: 56 Resp: 46344

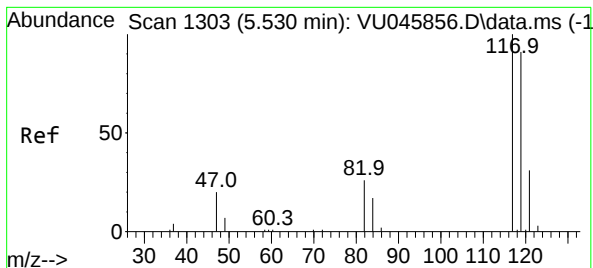
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 89.9 71.8 107.6





#31

Carbon tetrachloride

Concen: 4.769 ug/L

RT: 5.527 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

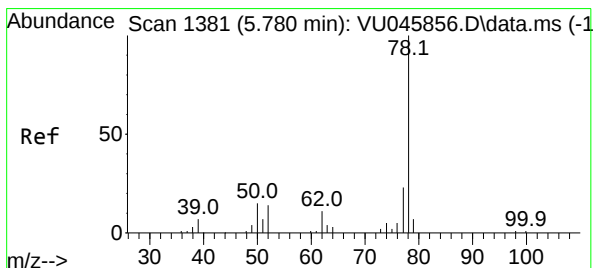
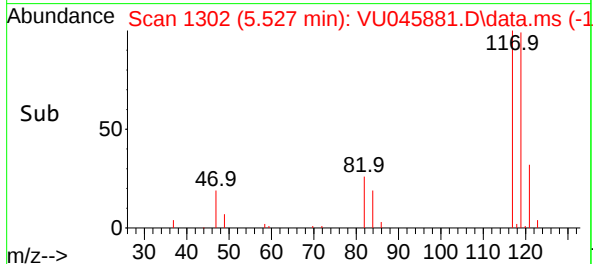
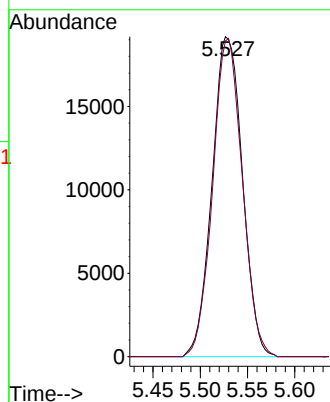
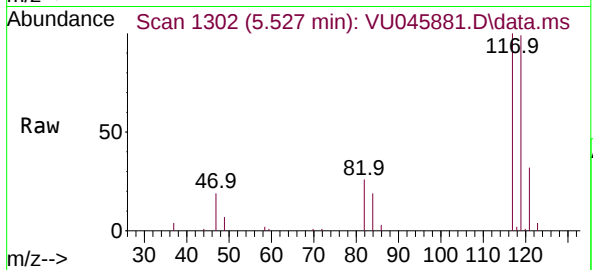
ClientSampleId :

Tgt Ion:117 Resp: 42794

Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3



#33

Benzene

Concen: 4.584 ug/L

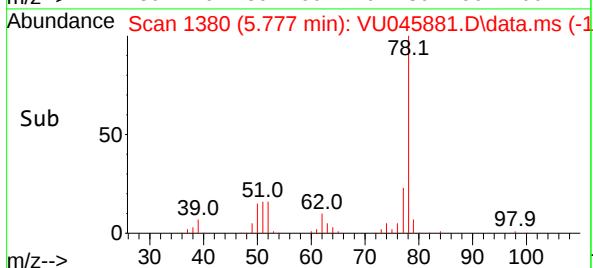
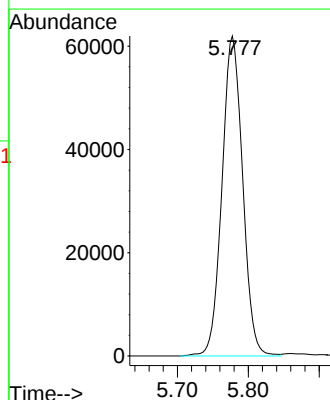
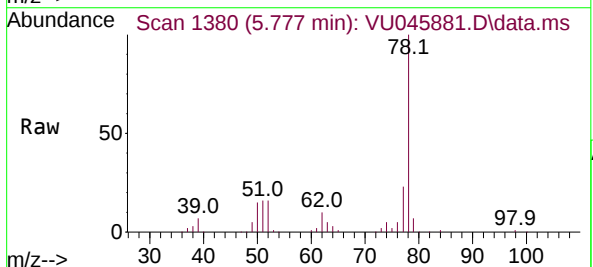
RT: 5.777 min Scan# 1380

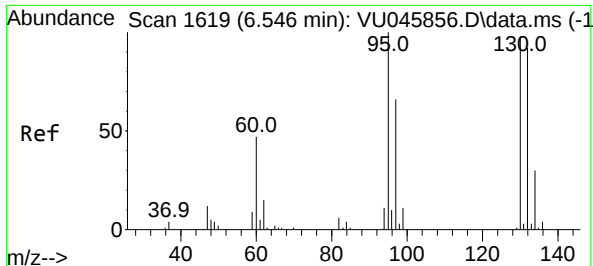
Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Tgt Ion: 78 Resp: 125639





#34

Trichloroethene

Concen: 4.521 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 31937

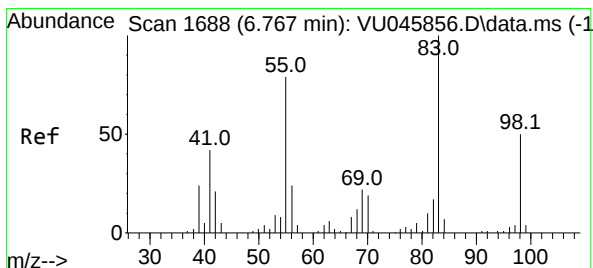
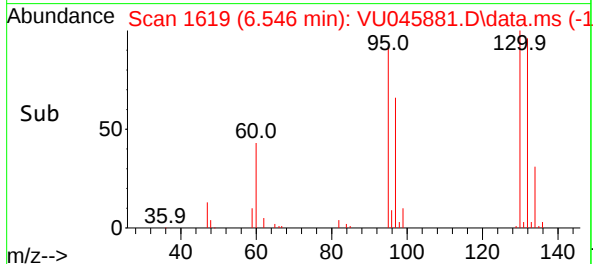
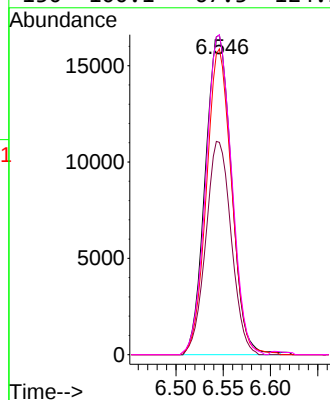
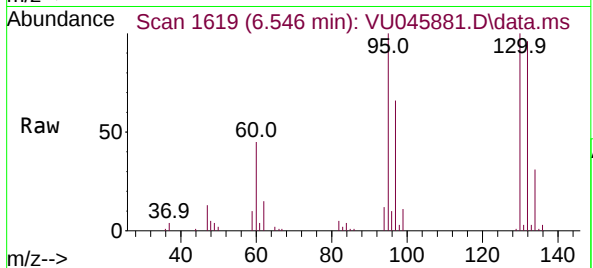
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.5

132 95.7 65.1 120.9

130 100.1 67.3 124.9



#35

Methylcyclohexane

Concen: 4.458 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

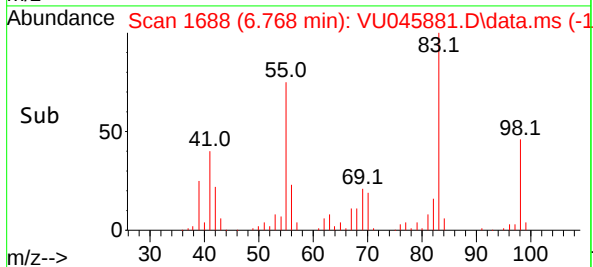
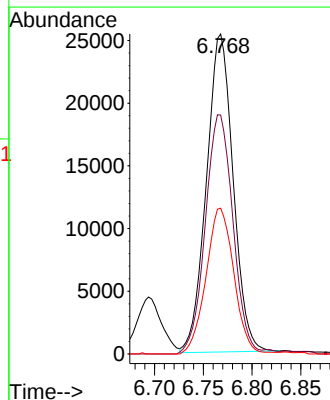
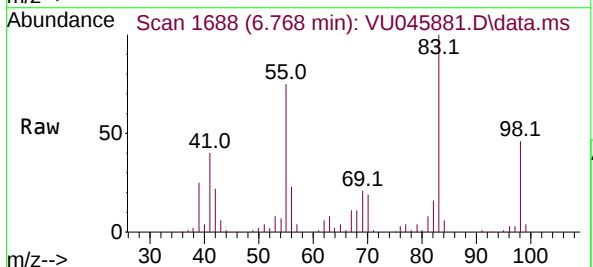
Tgt Ion: 83 Resp: 48359

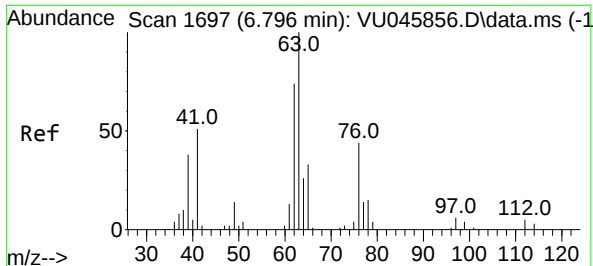
Ion Ratio Lower Upper

83 100

55 77.8 61.9 92.9

98 47.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.758 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

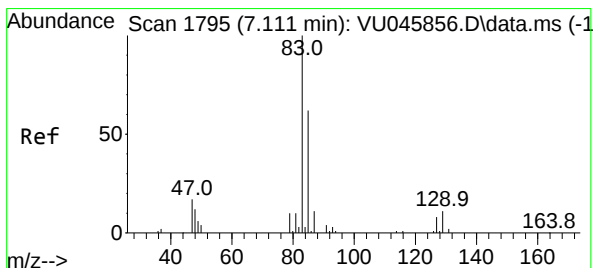
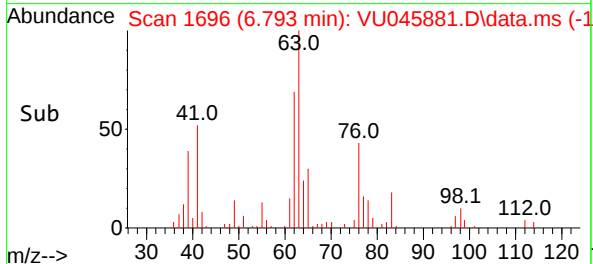
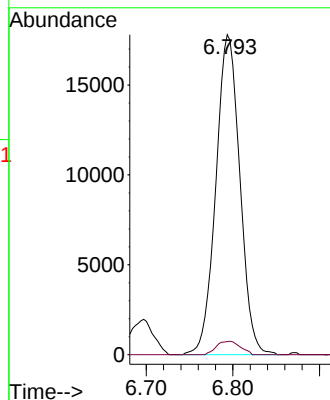
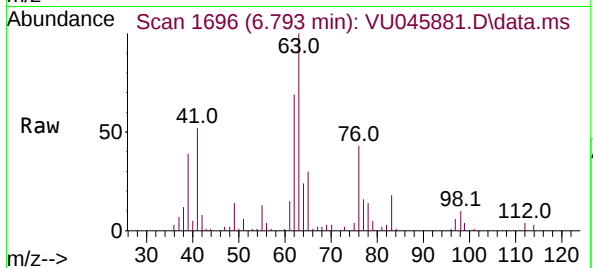
ClientSampleId :

Tgt Ion: 63 Resp: 34323

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.785 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

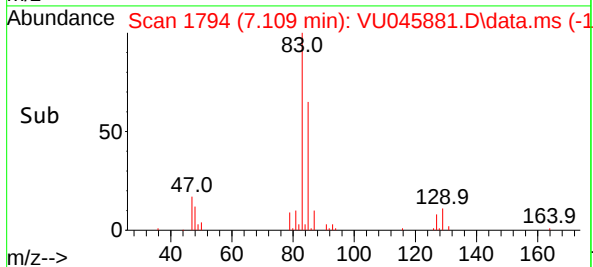
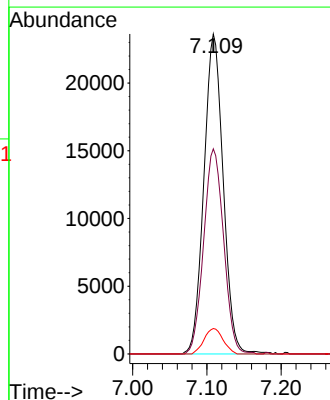
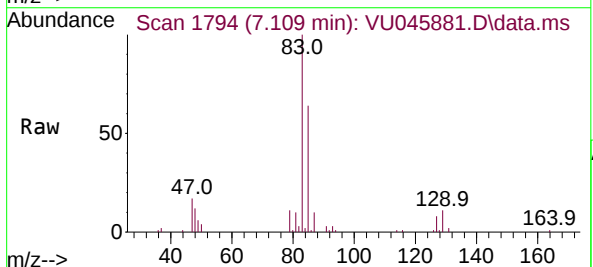
Tgt Ion: 83 Resp: 42582

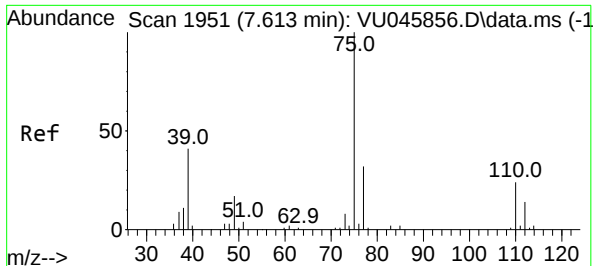
Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.702 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

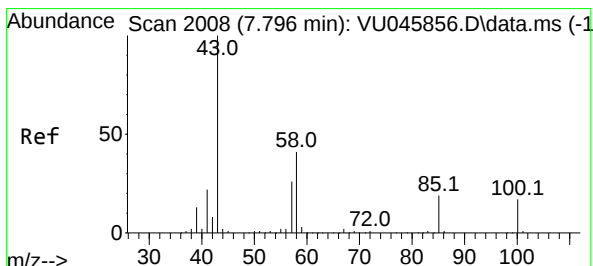
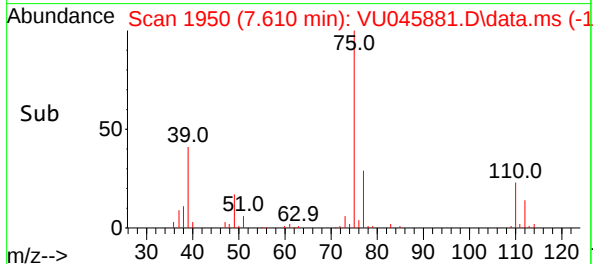
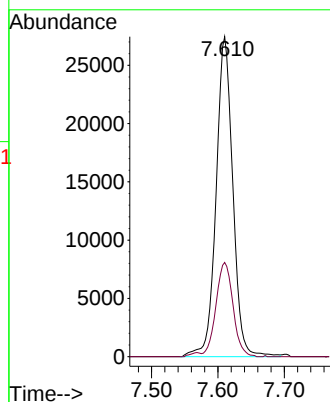
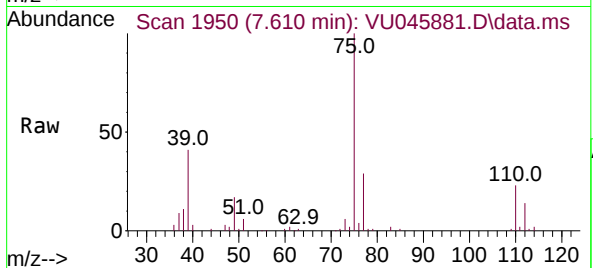
ClientSampleId :

Tgt Ion: 75 Resp: 48193

Ion Ratio Lower Upper

75 100

77 29.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.872 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

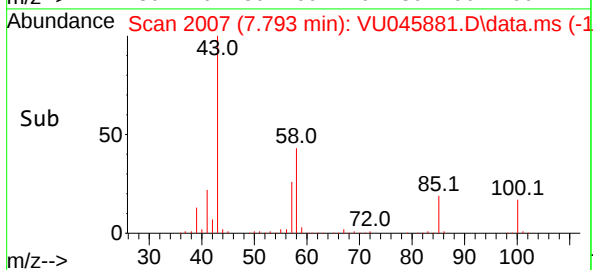
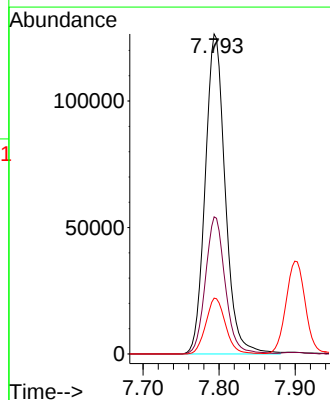
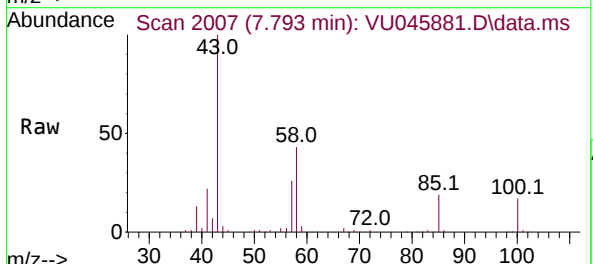
Tgt Ion: 43 Resp: 231221

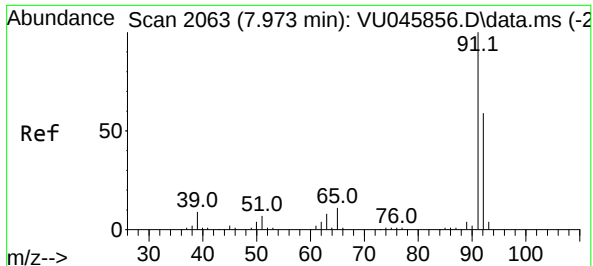
Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7

100 17.2 13.2 19.8





#42

Toluene

Concen: 4.831 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

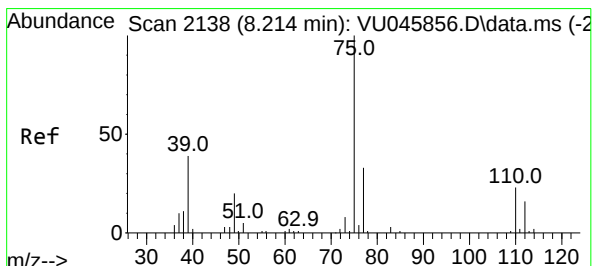
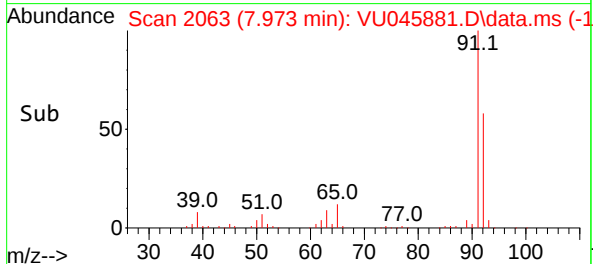
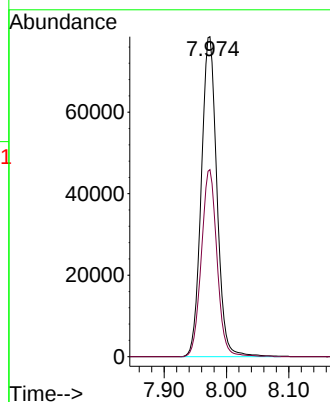
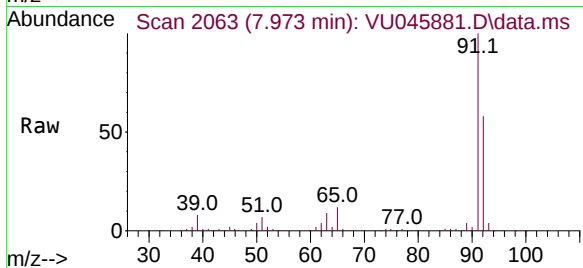
ClientSampleId :

Tgt Ion: 91 Resp: 136694

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.729 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045881.D

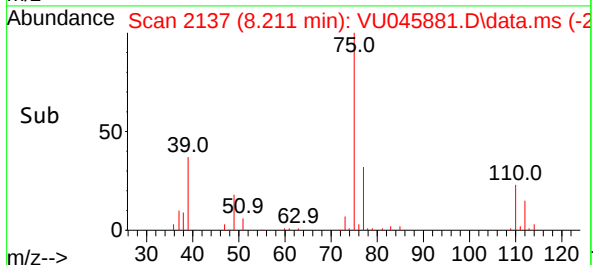
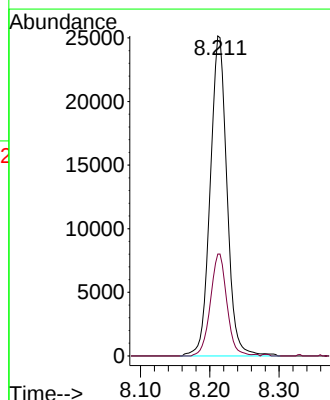
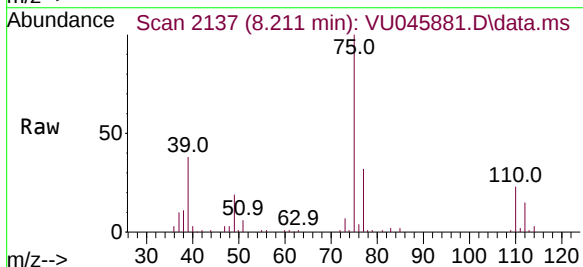
Acq: 18 Nov 2021 20:20

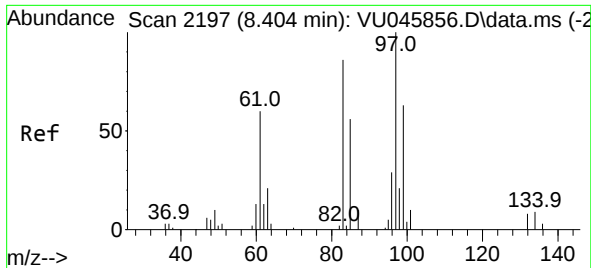
Tgt Ion: 75 Resp: 42171

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3

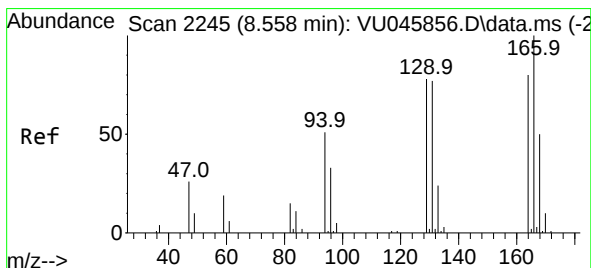
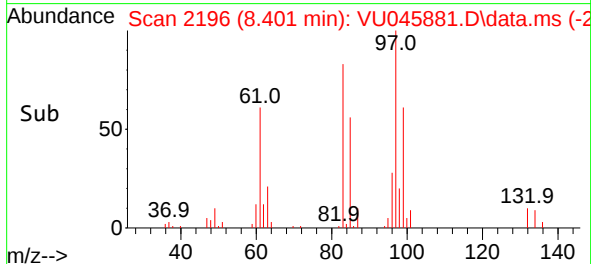
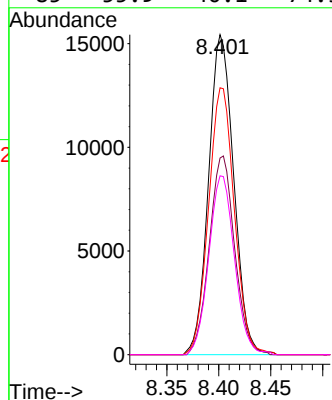
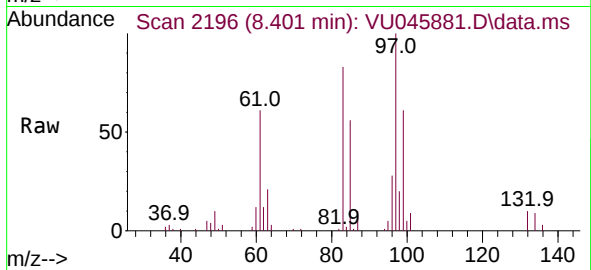




#45
1,1,2-Trichloroethane
Concen: 4.858 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

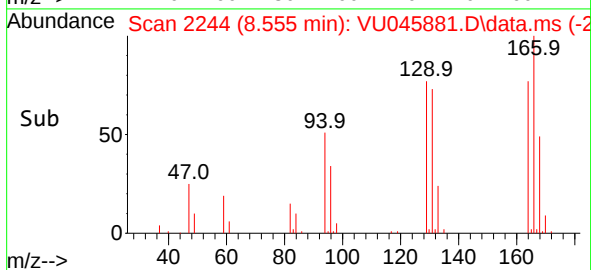
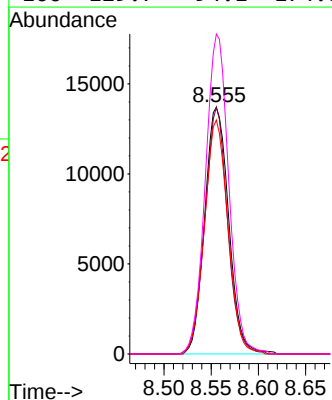
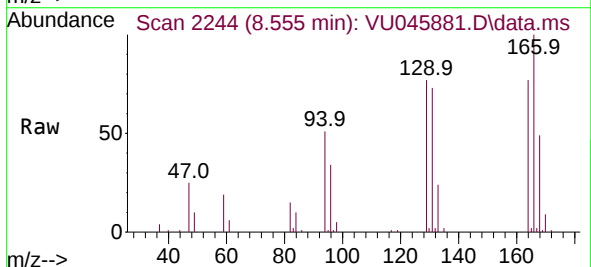
Instrument :
MSVOA_U
ClientSampleId :

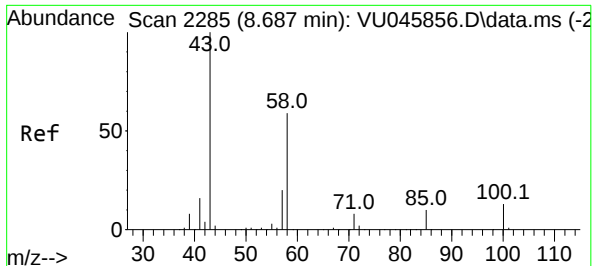
Tgt Ion: 97	Resp: 26015
Ion Ratio	Lower Upper
97 100	
99 61.4	42.3 78.5
83 83.4	62.0 115.2
85 55.9	40.1 74.5



#47
Tetrachloroethene
Concen: 4.903 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

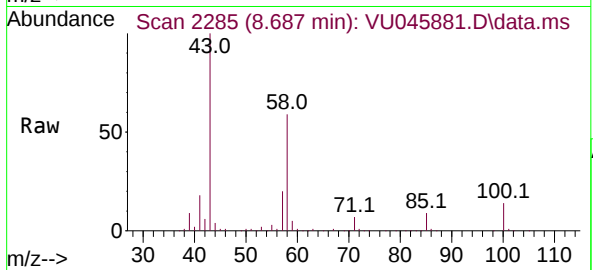
Tgt	Ion:164	Resp:	24245
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.8	133.4
131	94.8	68.5	127.3
166	129.7	94.1	174.8



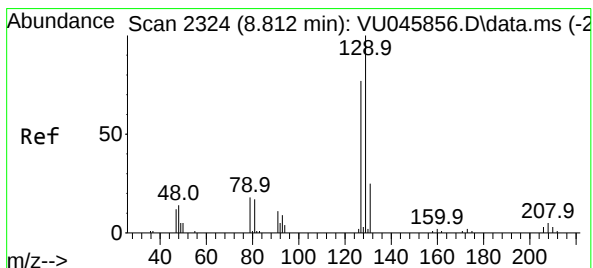
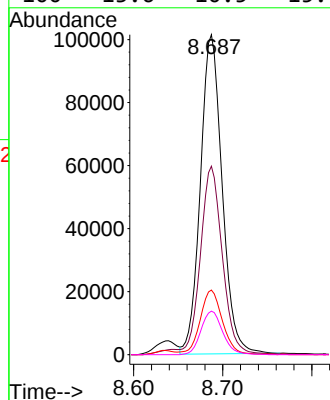
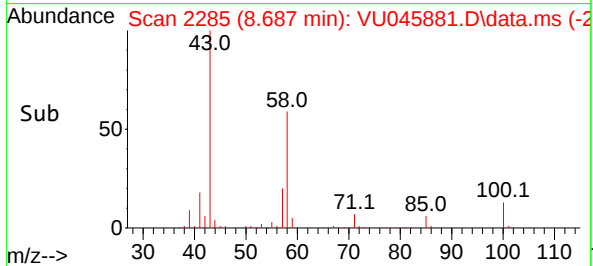


#48
2-Hexanone
Concen: 50.289 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Instrument :
MSVOA_U
ClientSampleId :

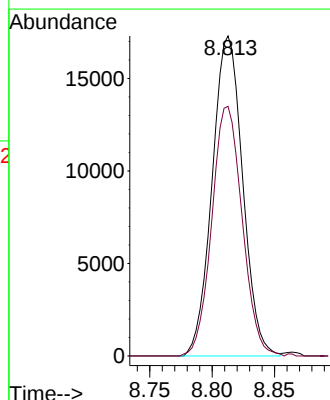
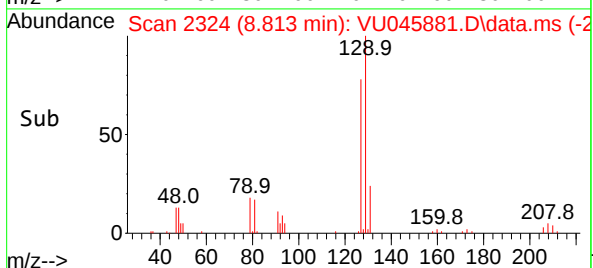
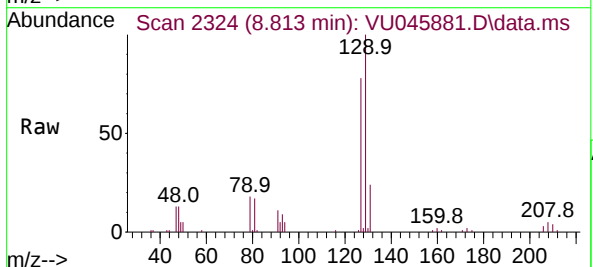


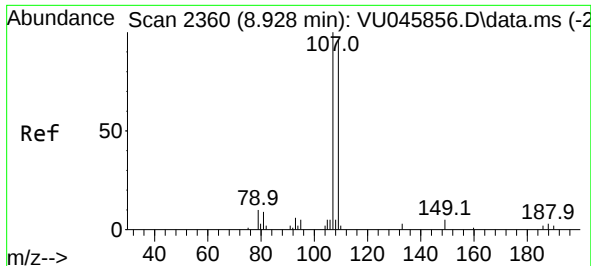
Tgt Ion:	43	Resp:	171885
Ion Ratio	100	Lower	Upper
58	61.2	46.7	70.1
57	20.4	16.3	24.5
100	13.6	10.5	15.7



#49
Dibromochloromethane
Concen: 4.839 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:	129	Resp:	29512
Ion Ratio	100	Lower	Upper
127	78.0	55.4	102.8





#50

1,2-Dibromoethane

Concen: 4.932 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

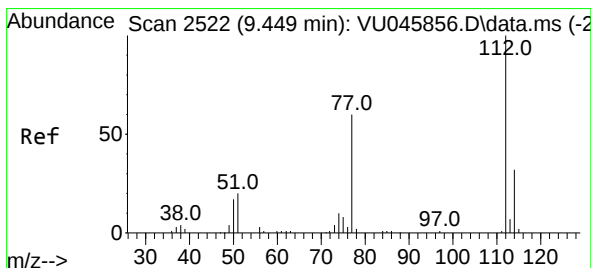
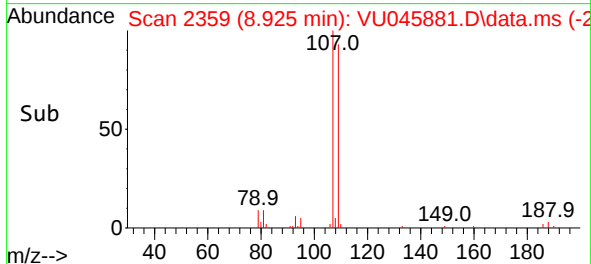
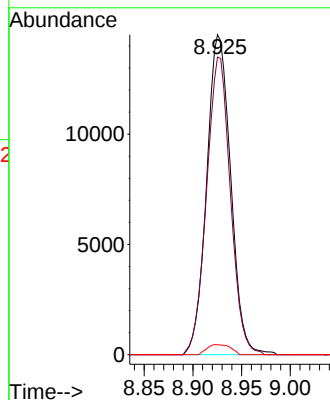
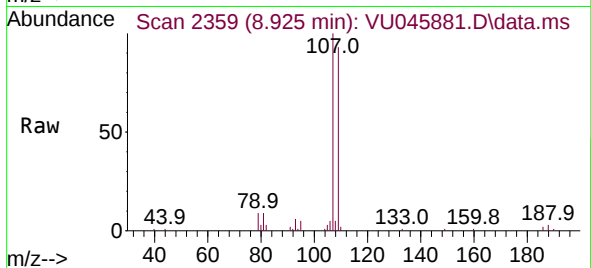
Tgt Ion:107 Resp: 24881

Ion Ratio Lower Upper

107 100

109 93.0 64.0 119.0

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 4.916 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

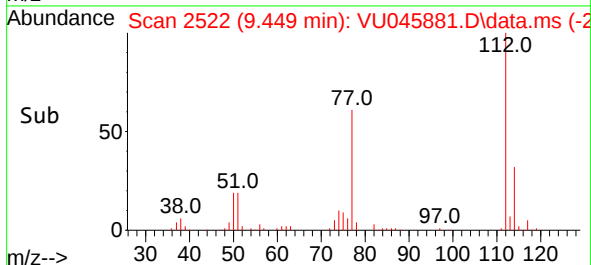
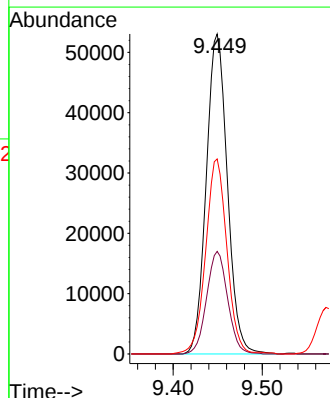
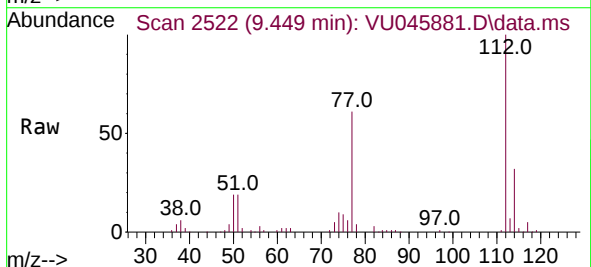
Tgt Ion:112 Resp: 87249

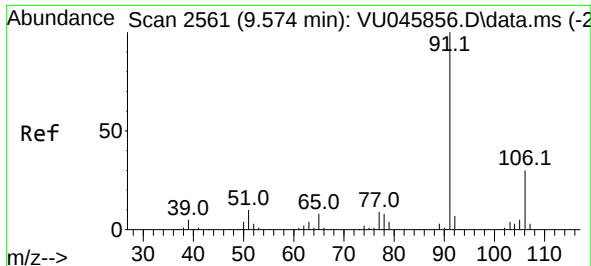
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 60.9 48.3 72.5

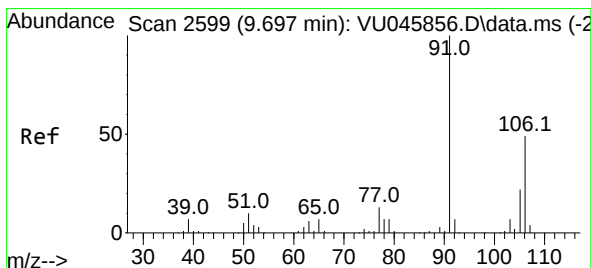
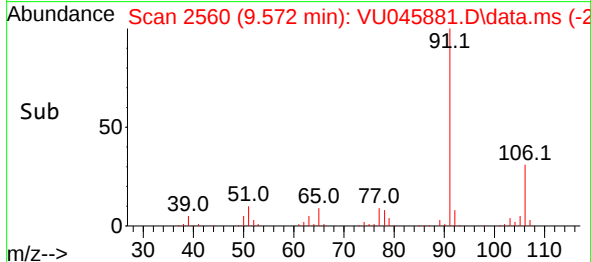
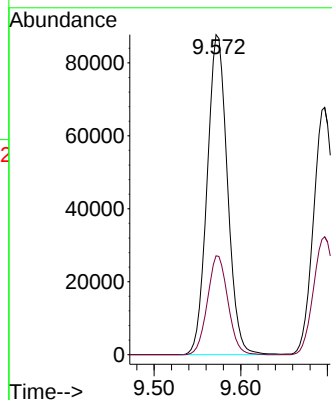
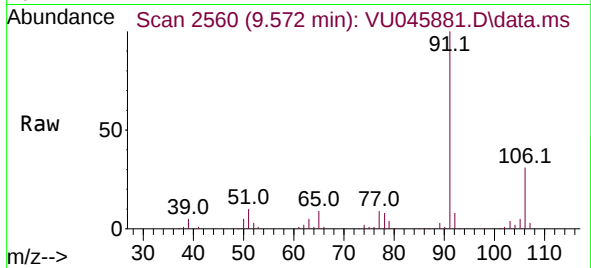




#52
Ethylbenzene
Concen: 4.823 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

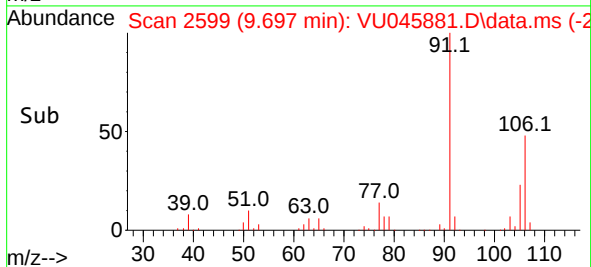
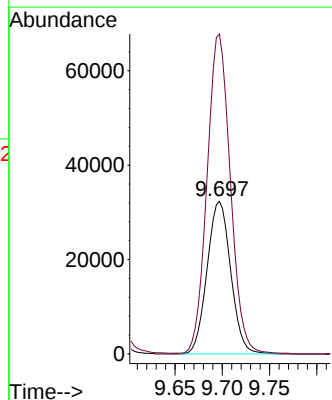
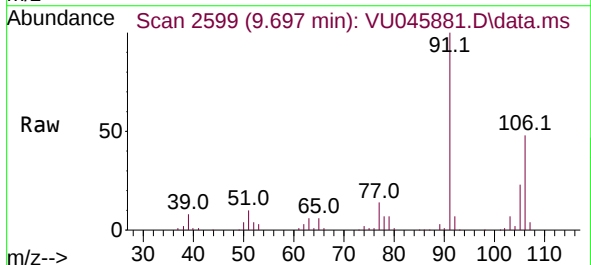
Instrument :
MSVOA_U
ClientSampleId :

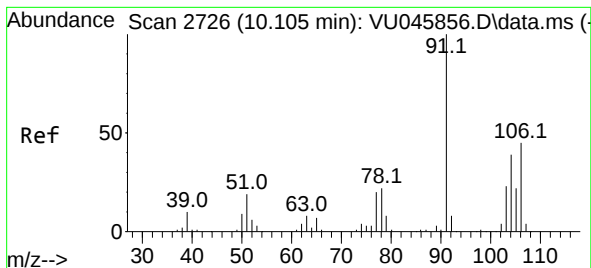
Tgt Ion: 91 Resp: 142832
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.951 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:106 Resp: 56159
Ion Ratio Lower Upper
106 100
91 209.6 139.4 259.0





#54

o-Xylene

Concen: 5.016 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

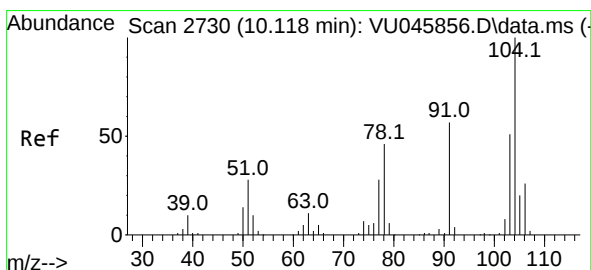
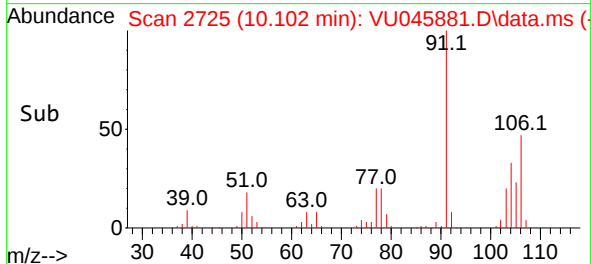
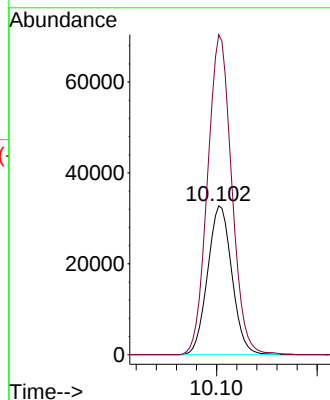
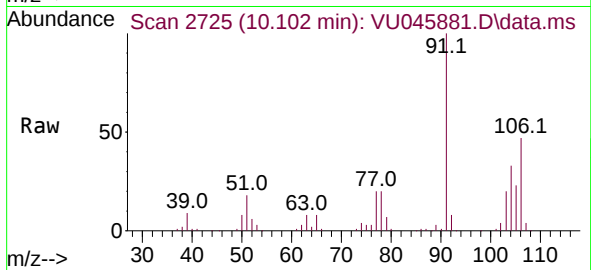
ClientSampleId :

Tgt Ion:106 Resp: 54906

Ion Ratio Lower Upper

106 100

91 214.9 147.5 273.9



#55

Styrene

Concen: 5.209 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045881.D

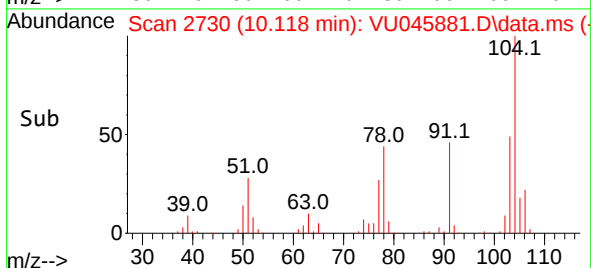
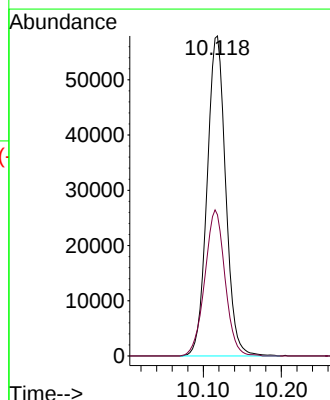
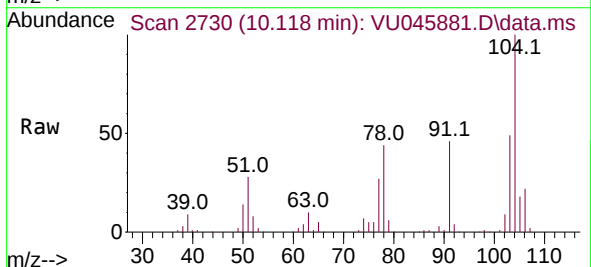
Acq: 18 Nov 2021 20:20

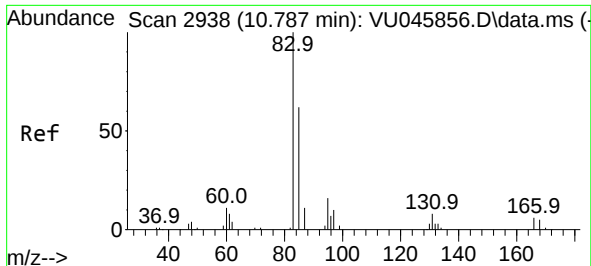
Tgt Ion:104 Resp: 95995

Ion Ratio Lower Upper

104 100

78 44.1 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.908 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

Instrument :

MSVOA_U

ClientSampleId :

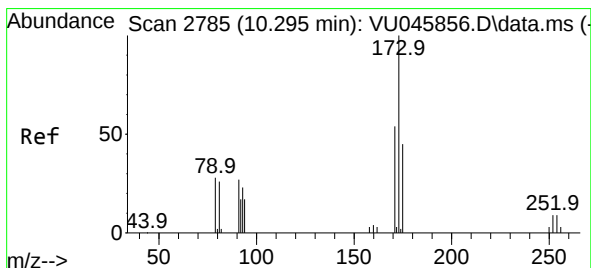
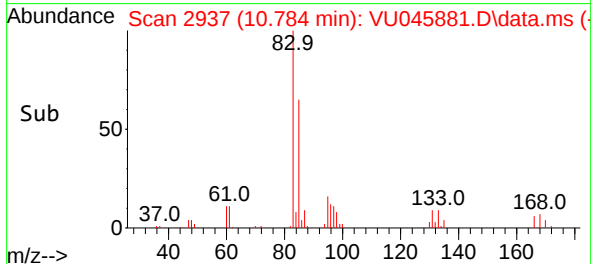
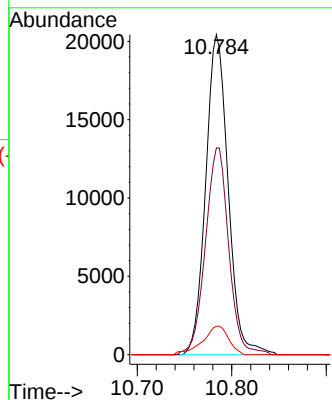
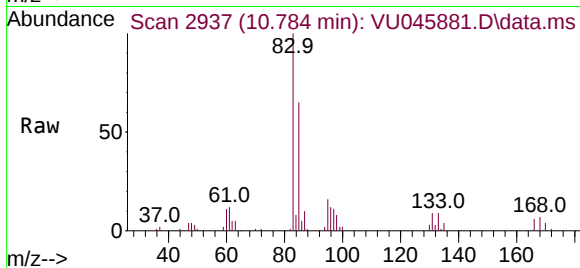
Tgt Ion: 83 Resp: 33664

Ion Ratio Lower Upper

83 100

85 64.6 47.9 89.1

131 8.9 8.1 12.1



#59

Bromoform

Concen: 4.559 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045881.D

Acq: 18 Nov 2021 20:20

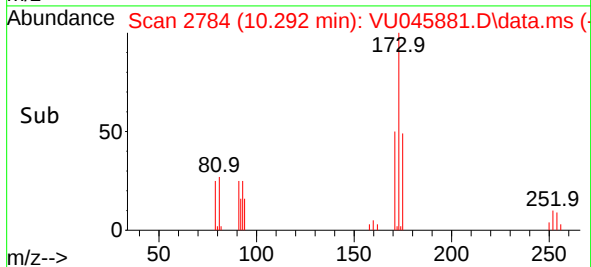
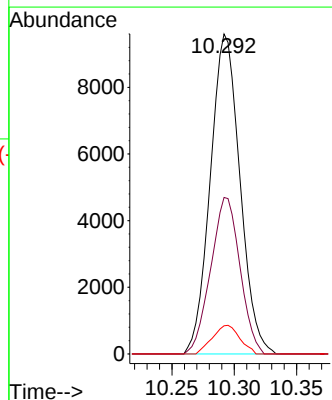
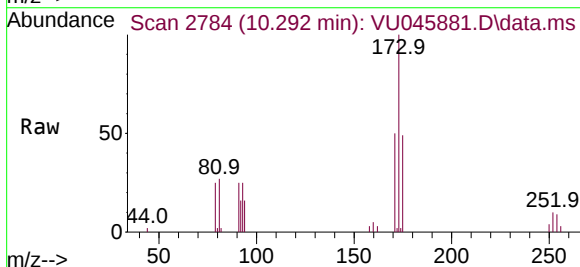
Tgt Ion:173 Resp: 15898

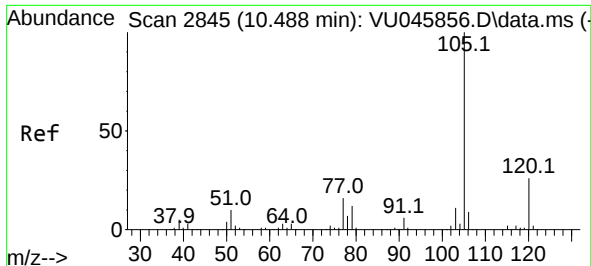
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.6

254 8.2 7.3 10.9

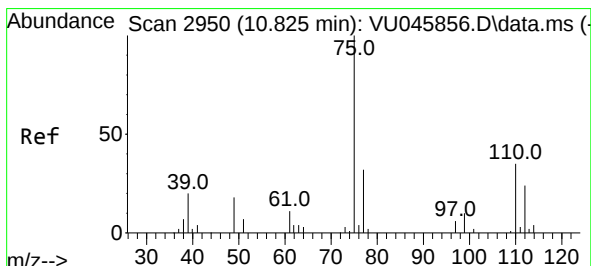
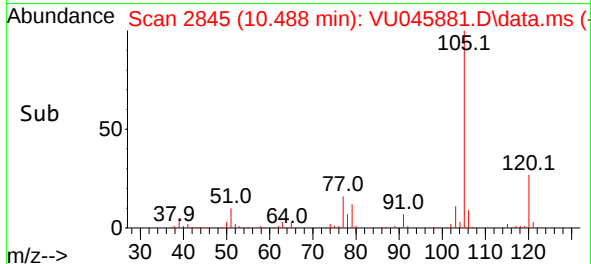
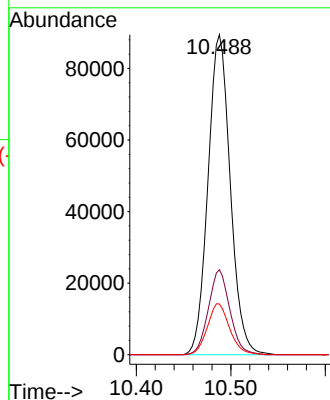
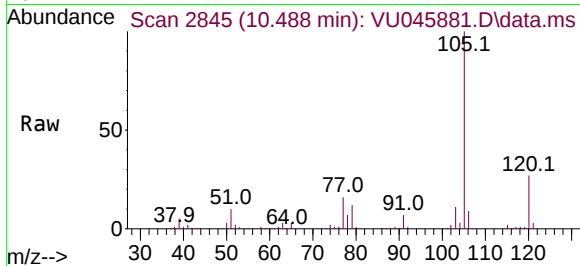




#60
Isopropylbenzene
Concen: 4.734 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

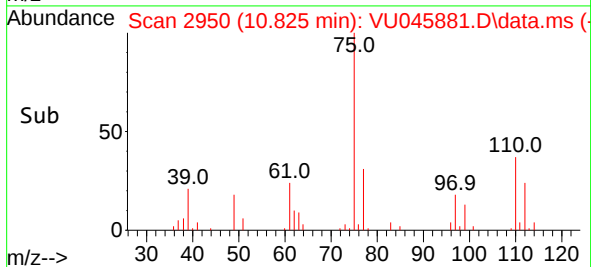
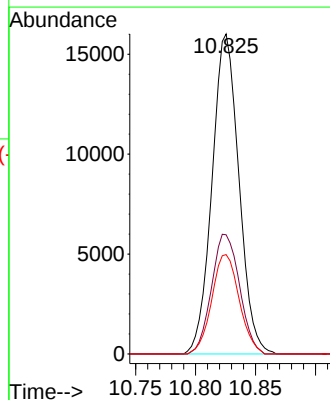
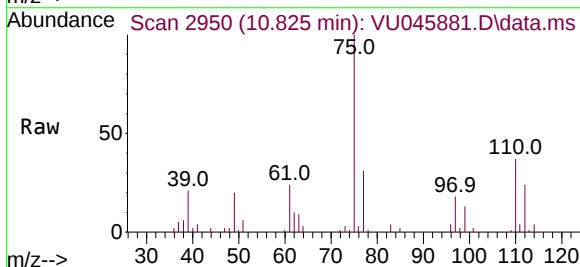
Instrument :
MSVOA_U
ClientSampleId :

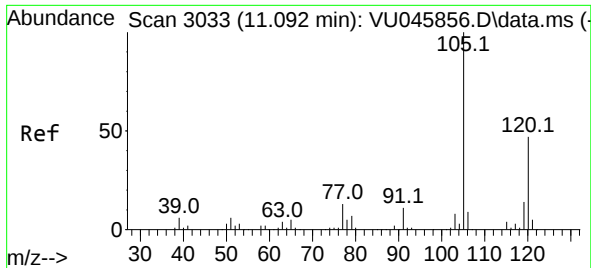
Tgt Ion:105 Resp: 146339
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.564 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion: 75 Resp: 24943
Ion Ratio Lower Upper
75 100
110 39.0 29.9 44.9
77 31.8 25.5 38.3

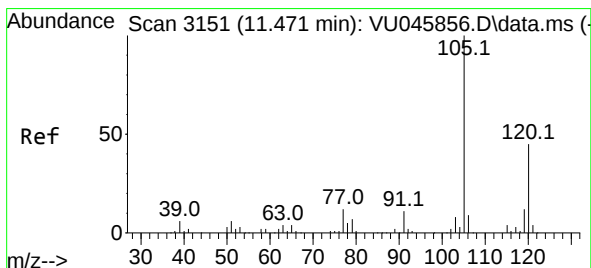
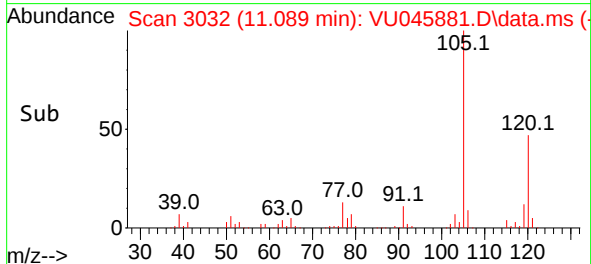
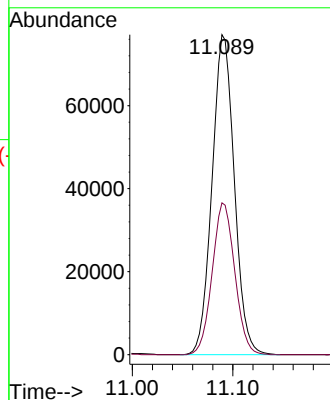
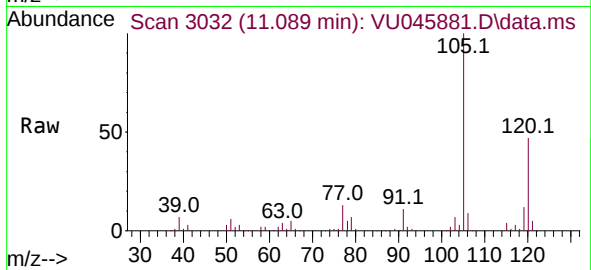




#62
1,3,5-Trimethylbenzene
Concen: 4.693 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

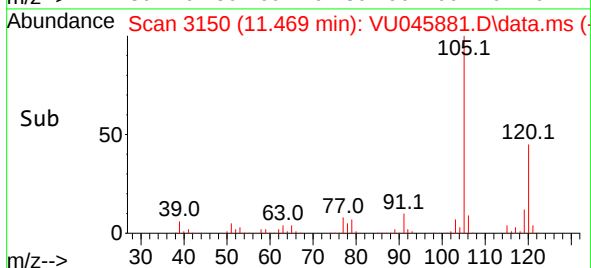
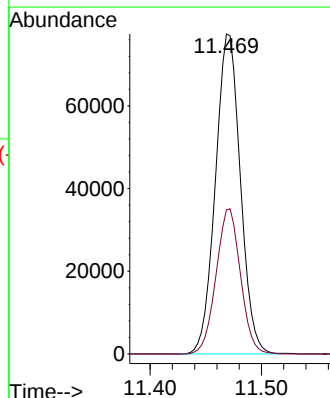
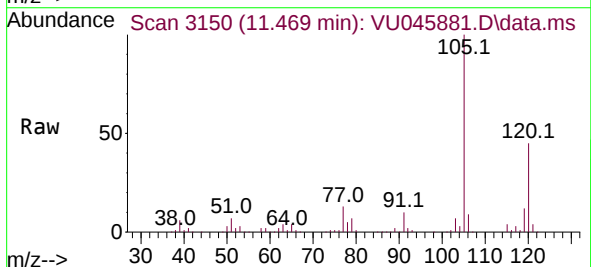
Instrument :
MSVOA_U
ClientSampleId :

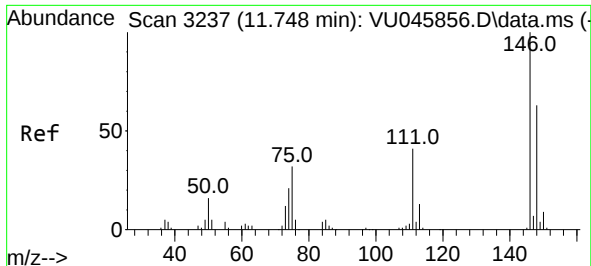
Tgt Ion:105 Resp: 118624
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.759 ug/L
RT: 11.469 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:105 Resp: 120515
Ion Ratio Lower Upper
105 100
120 44.3 35.8 53.8

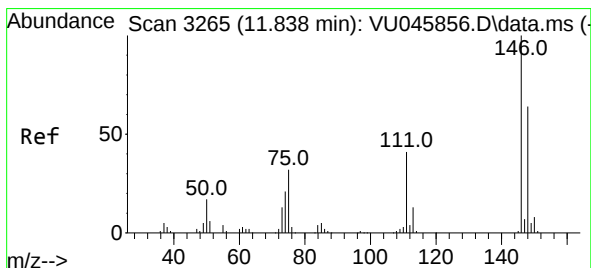
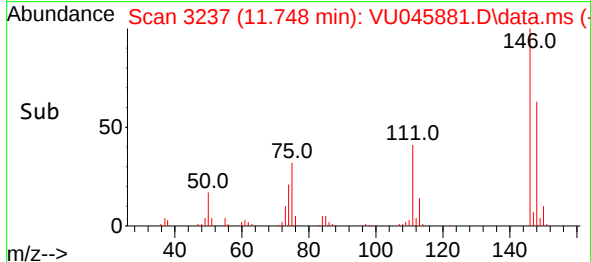
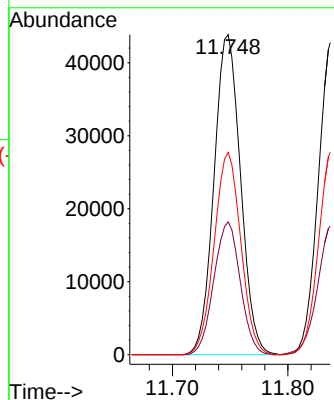
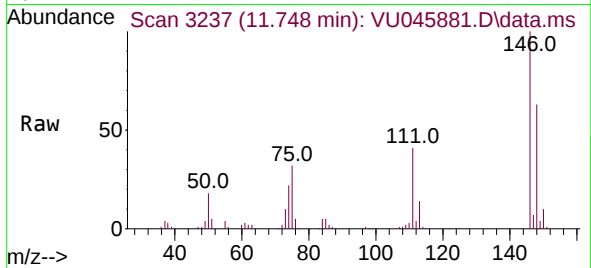




#64
1,3-Dichlorobenzene
Concen: 4.851 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

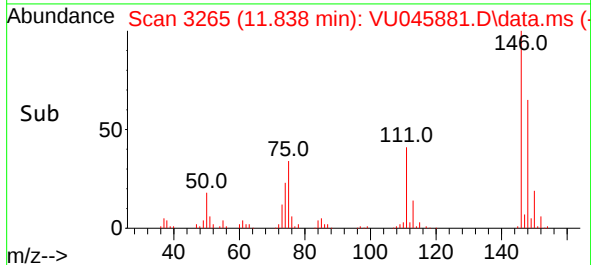
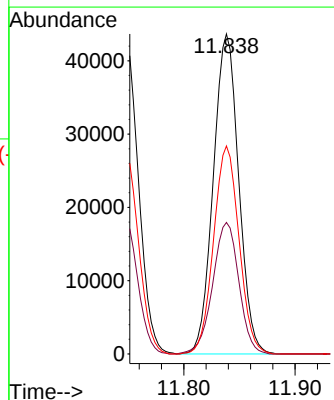
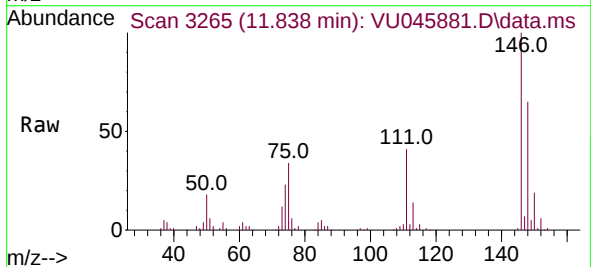
Instrument :
MSVOA_U
ClientSampleId :

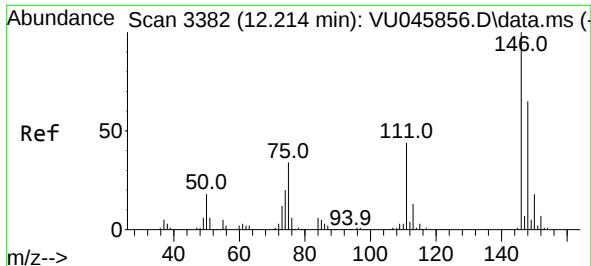
Tgt Ion:146 Resp: 69953
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 63.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.722 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:146 Resp: 69170
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 65.0 45.8 85.0

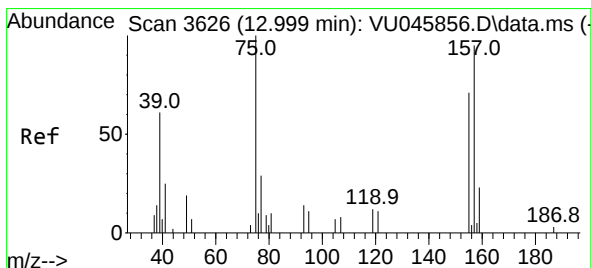
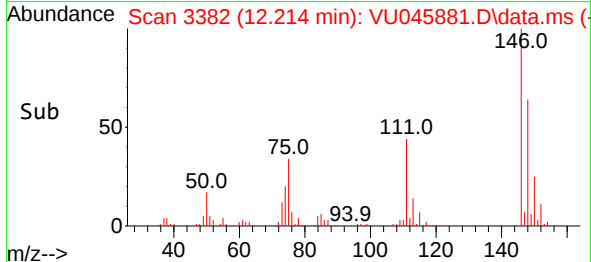
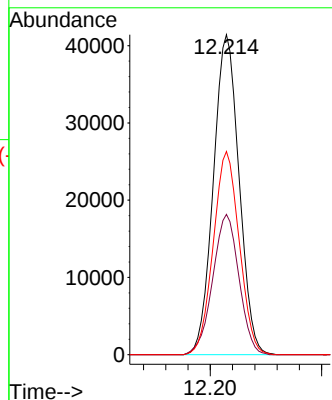
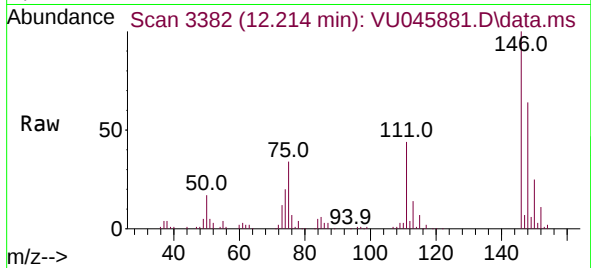




#67
1,2-Dichlorobenzene
Concen: 4.794 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

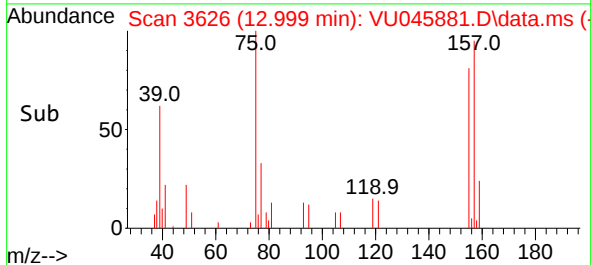
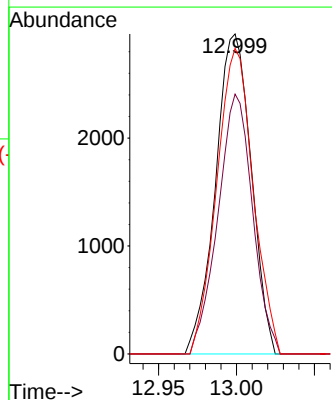
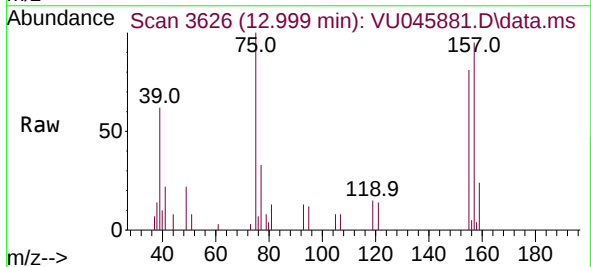
Instrument :
MSVOA_U
ClientSampleId :

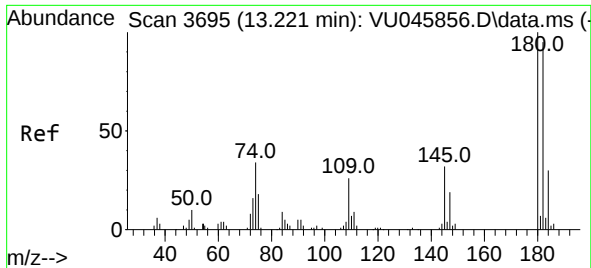
Tgt Ion:146 Resp: 66277
Ion Ratio Lower Upper
146 100
111 43.9 35.4 53.0
148 63.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.160 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

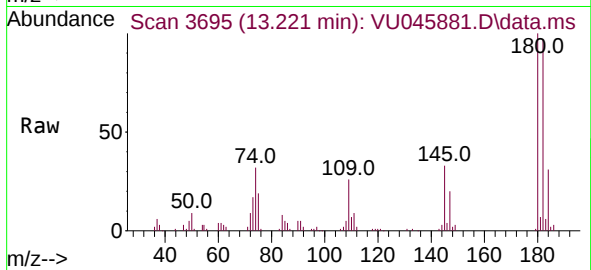
Tgt Ion: 75 Resp: 4730
Ion Ratio Lower Upper
75 100
155 81.2 59.2 88.8
157 95.4 76.5 114.7



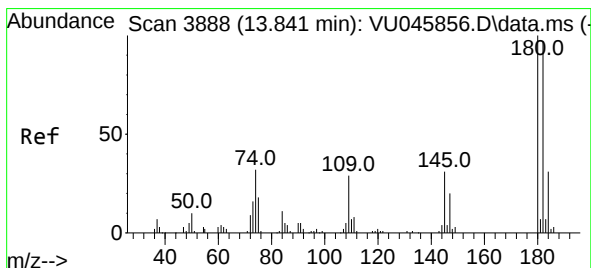
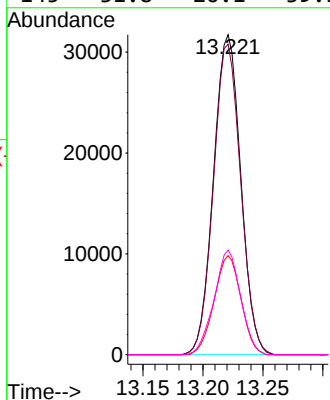
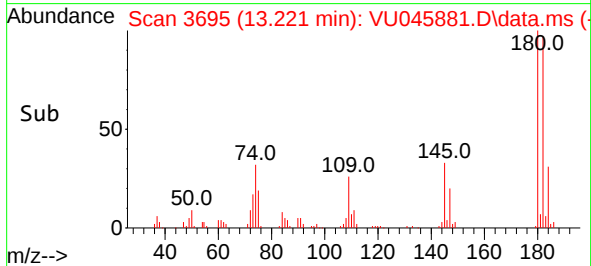


#69
 1,3,5-Trichlorobenzene
 Concen: 4.636 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20

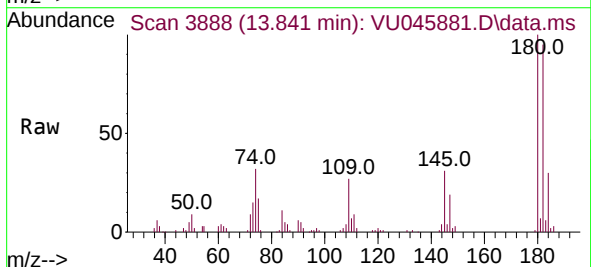
Instrument :
 MSVOA_U
 ClientSampleId :



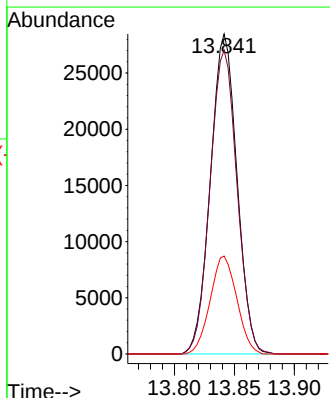
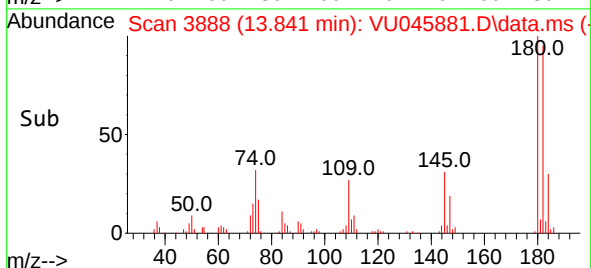
Tgt Ion:180 Resp: 50007
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.1 114.1
 184 30.5 25.0 37.4
 145 31.8 26.1 39.1

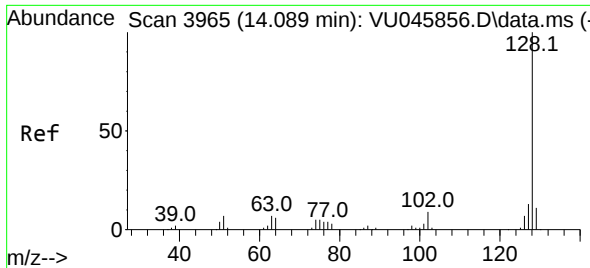


#70
 1,2,4-trichlorobenzene
 Concen: 4.795 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045881.D
 Acq: 18 Nov 2021 20:20



Tgt Ion:180 Resp: 43767
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 30.7 25.6 38.4

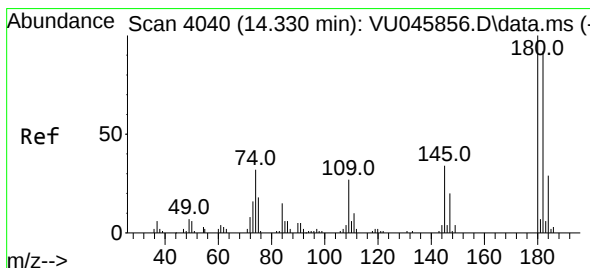
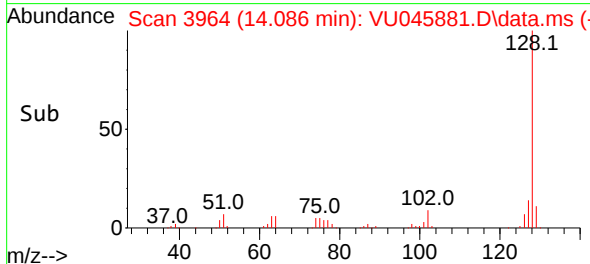
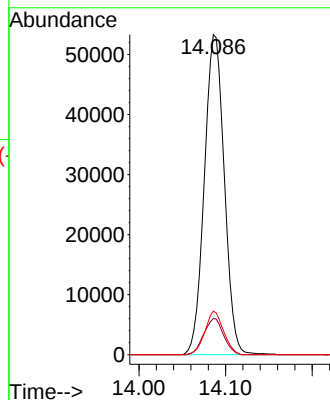
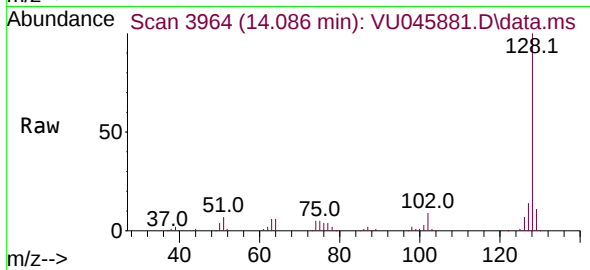




#71
Naphthalene
Concen: 4.550 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 85320
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.804 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045881.D
Acq: 18 Nov 2021 20:20

Tgt Ion:180 Resp: 43633
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 33.7 28.4 42.6

