

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045903.D
 Acq On : 19 Nov 2021 19:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91708	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22253	3.063	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.916	69	19593	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.568	65	9780	3.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.649	46	99704	51.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.067	84	44675	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.707	65	28754	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.732	84	90525	3.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.694	67	31497	3.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.899	98	80491	3.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.182	79	12421	3.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.636	63	71095	47.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32079	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	32812	3.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33637	4.505	ug/L	99
3) Chloromethane	1.520	50	32742	4.138	ug/L	98
5) Vinyl chloride	1.607	62	36285	4.569	ug/L	99
6) Bromomethane	1.861	94	17135	3.638	ug/L	100
8) Chloroethane	1.938	64	22214	4.905	ug/L	98
9) Trichlorofluoromethane	2.144	101	49905	4.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28835	4.796	ug/L	99
12) 1,1-Dichloroethene	2.584	96	26666	4.697	ug/L	83
13) Acetone	2.671	43	57139	49.857	ug/L	95
14) Carbon disulfide	2.797	76	75948	4.230	ug/L	99
15) Methyl Acetate	2.967	43	13989	4.975	ug/L	97
16) Methylene chloride	3.051	84	32822	3.916	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	73359	4.964	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	28571	4.695	ug/L	94
19) 1,1-Dichloroethane	3.874	63	55486	4.867	ug/L	99
21) 2-Butanone	4.729	43	97837	50.737	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	31774	4.816	ug/L	97
23) Bromochloromethane	4.980	128	14982	5.210	ug/L	98
25) Chloroform	5.092	83	63543	5.138	ug/L	99

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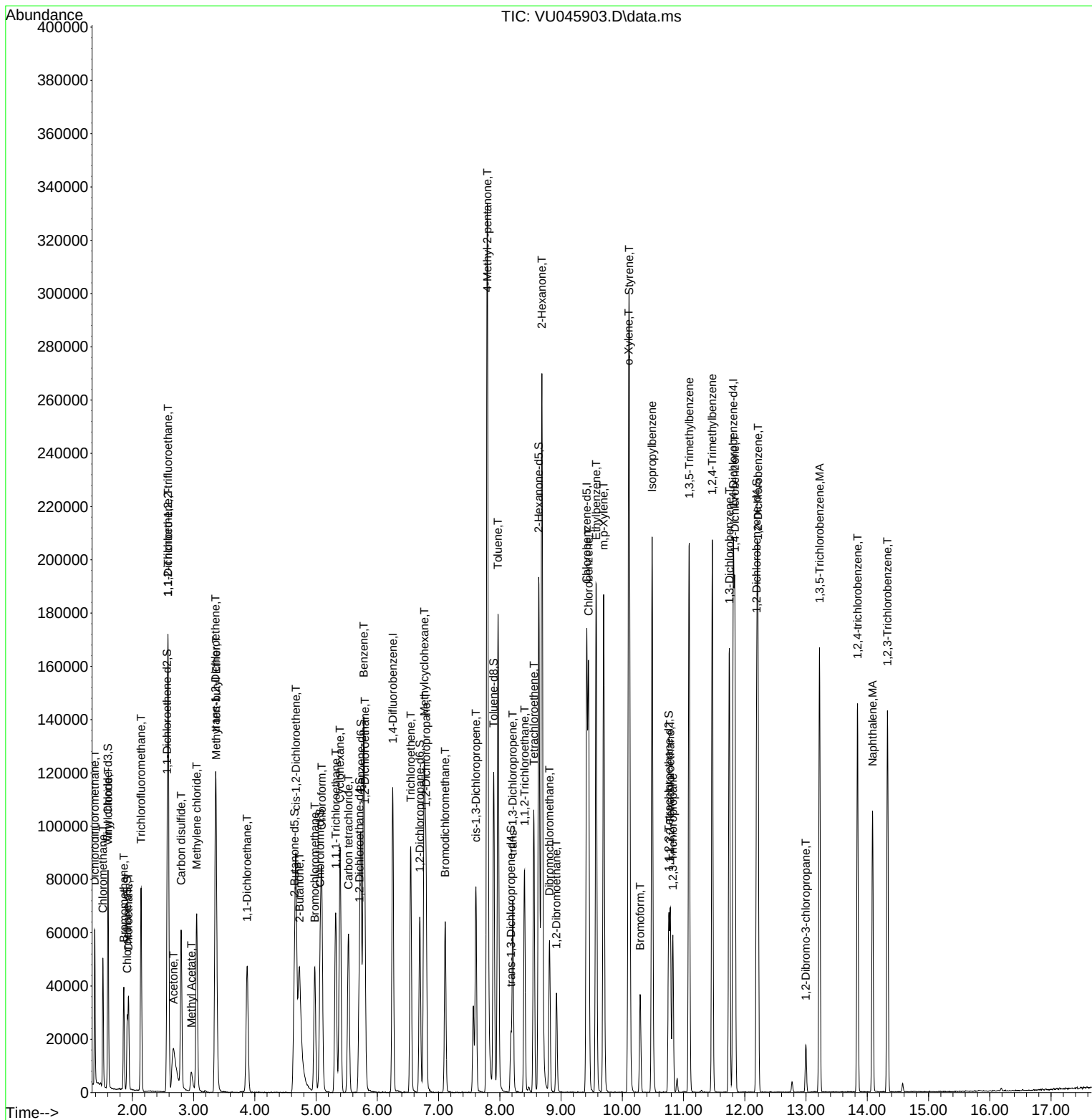
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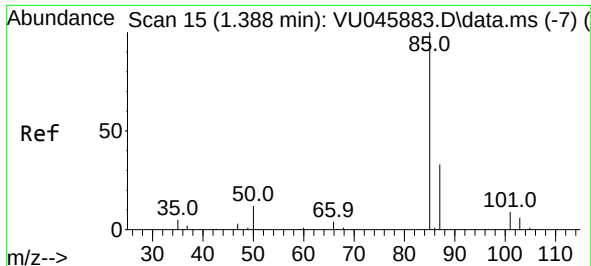
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	37929	4.806	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	49650	4.837	ug/L	99
30) Cyclohexane	5.391	56	43412	4.265	ug/L	98
31) Carbon tetrachloride	5.530	117	40715	4.717	ug/L	99
33) Benzene	5.777	78	121762	4.619	ug/L	100
34) Trichloroethene	6.546	95	32158	4.733	ug/L	97
35) Methylcyclohexane	6.768	83	46371	4.444	ug/L	99
37) 1,2-Dichloropropane	6.797	63	33248	4.793	ug/L	100
38) Bromodichloromethane	7.108	83	42174	4.927	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	46124	4.679	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	230451	50.645	ug/L	98
42) Toluene	7.970	91	133196	4.895	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40722	4.748	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	26607	5.166	ug/L	96
47) Tetrachloroethene	8.555	164	22514	4.734	ug/L	98
48) 2-Hexanone	8.687	43	175124	53.273	ug/L	97
49) Dibromochloromethane	8.813	129	29046	4.952	ug/L	99
50) 1,2-Dibromoethane	8.925	107	24457	5.040	ug/L #	99
51) Chlorobenzene	9.449	112	85178	4.990	ug/L	100
52) Ethylbenzene	9.575	91	140161	4.921	ug/L	99
53) m,p-Xylene	9.697	106	55192	5.059	ug/L	96
54) o-Xylene	10.102	106	52951	5.029	ug/L	97
55) Styrene	10.115	104	92248	5.205	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	32866	4.982	ug/L	92
59) Bromoform	10.292	173	16163	4.970	ug/L	97
60) Isopropylbenzene	10.488	105	141047	4.893	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24646	4.835	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	113423	4.812	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	117053	4.957	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	67371	5.010	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	68121	4.986	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	64882	5.032	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4859	4.582	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	49269	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	42082	4.944	ug/L	99
71) Naphthalene	14.086	128	81341	4.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42410	5.007	ug/L	98

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

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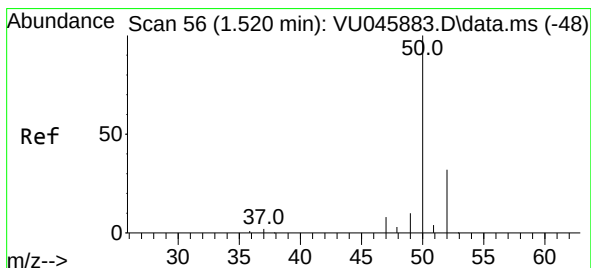
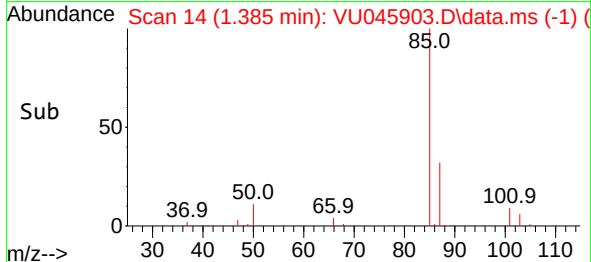
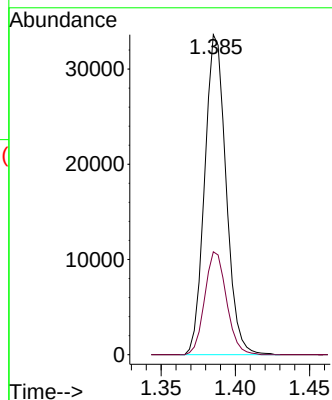
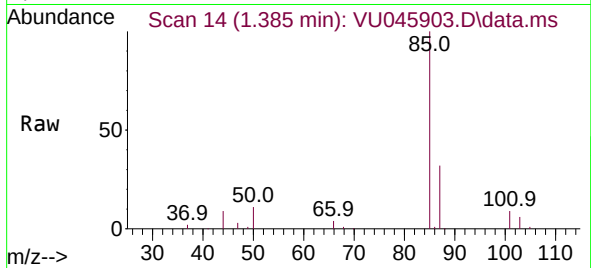




#2
 Dichlorodifluoromethane
 Concen: 4.505 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

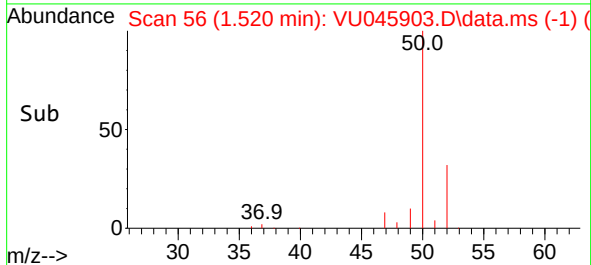
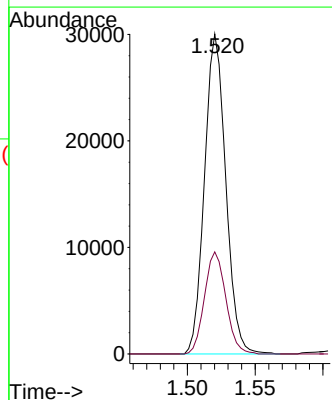
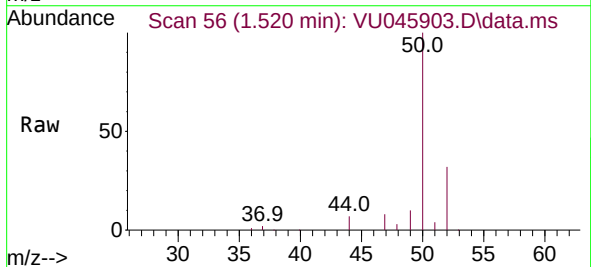
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 MSVOA_U
 ClientSampleId :

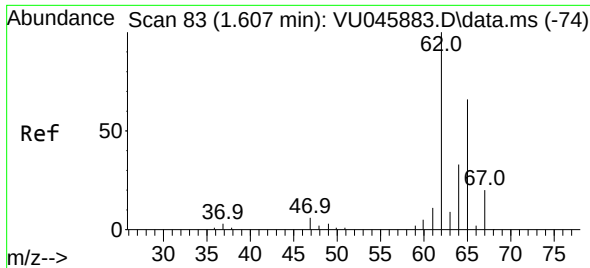
Tgt Ion: 85 Resp: 33637
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 4.138 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

Tgt Ion: 50 Resp: 32742
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.8

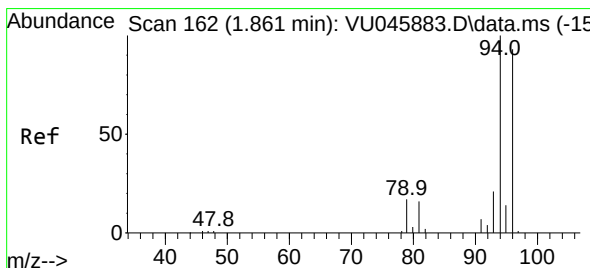
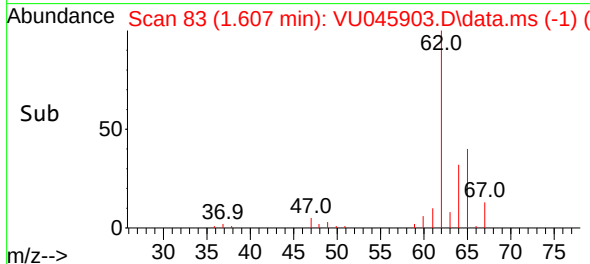
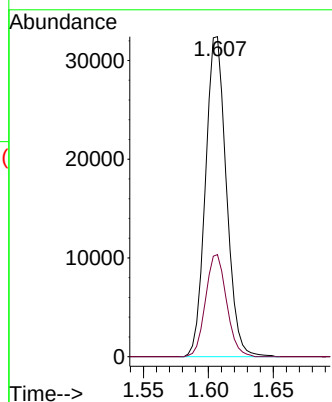
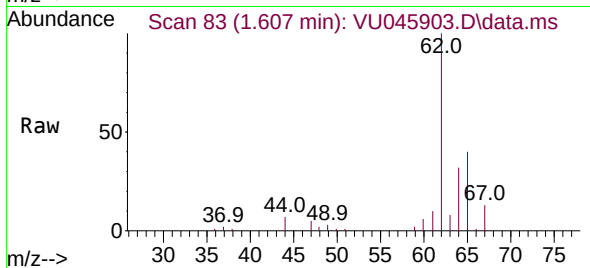




#5
 Vinyl chloride
 Concen: 4.569 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

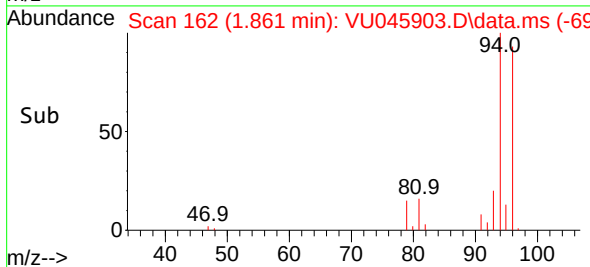
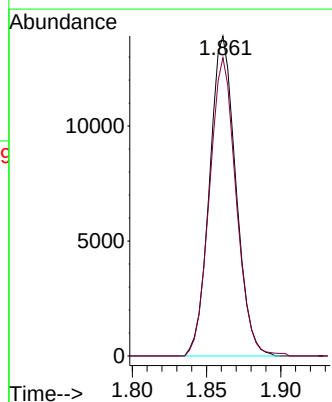
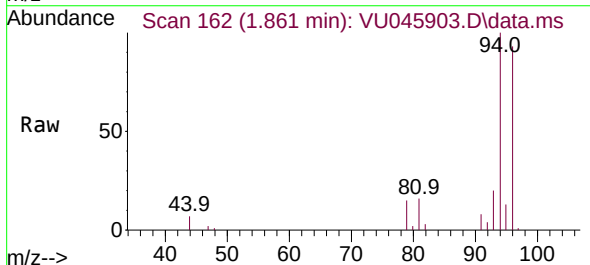
Instrument :
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 ClientSampleId :

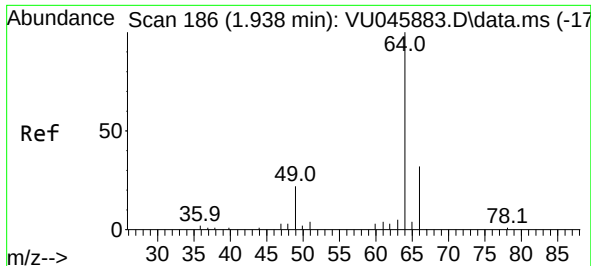
Tgt Ion: 62 Resp: 36285
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.9 42.5



#6
 Bromomethane
 Concen: 3.638 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

Tgt Ion: 94 Resp: 17135
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.5 121.6

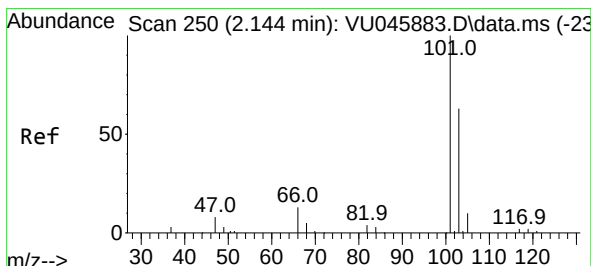
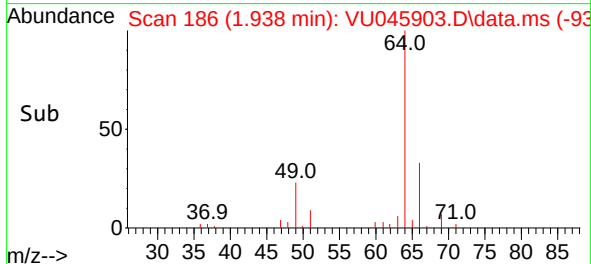
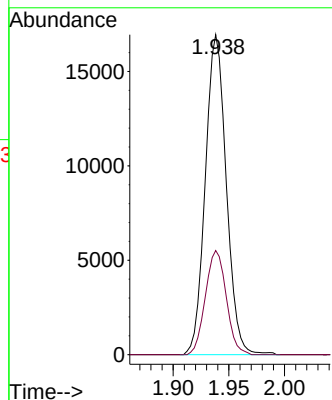
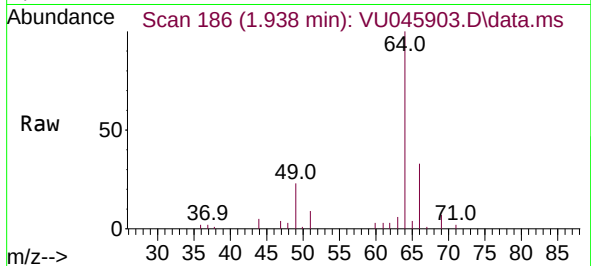




#8
Chloroethane
Concen: 4.905 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

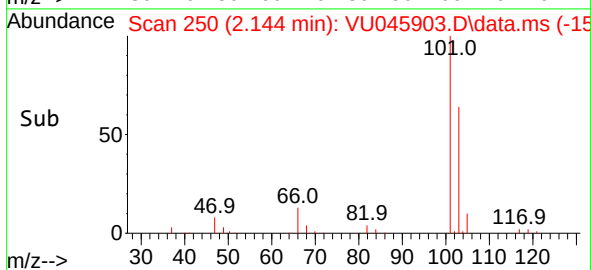
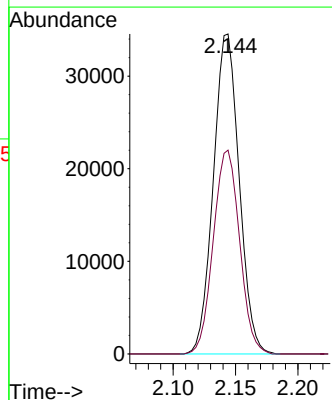
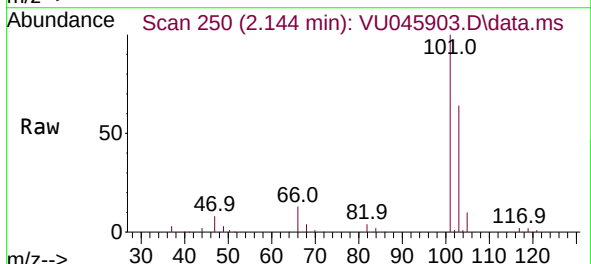
Instrument :
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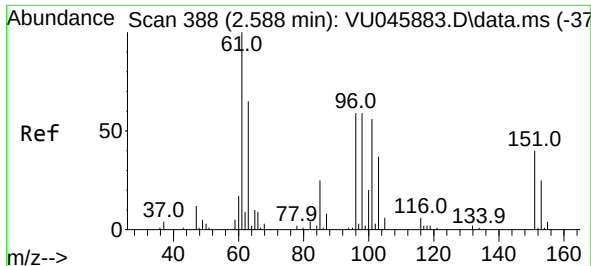
Tgt Ion: 64 Resp: 22214
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.867 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion:101 Resp: 49905
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

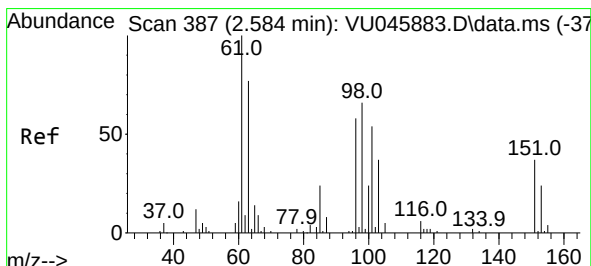
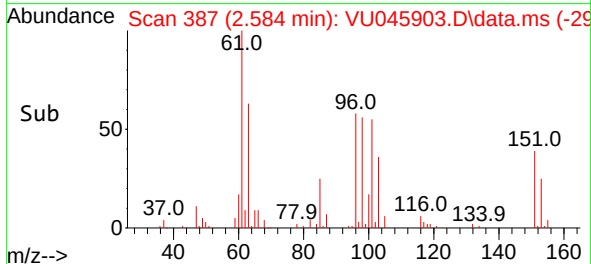
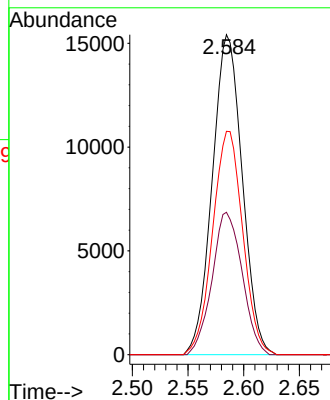
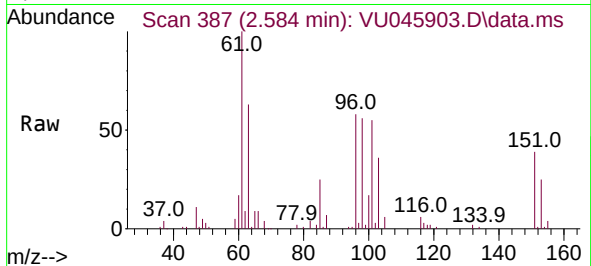




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.796 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

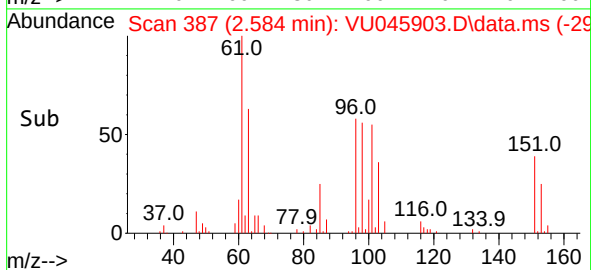
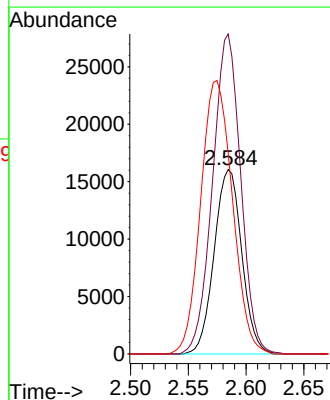
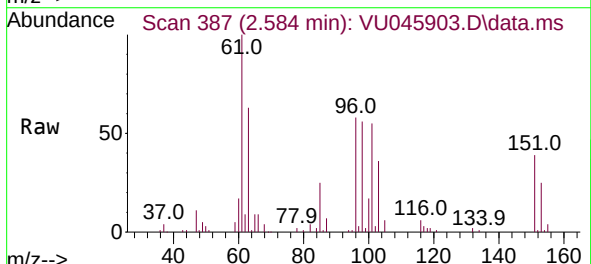
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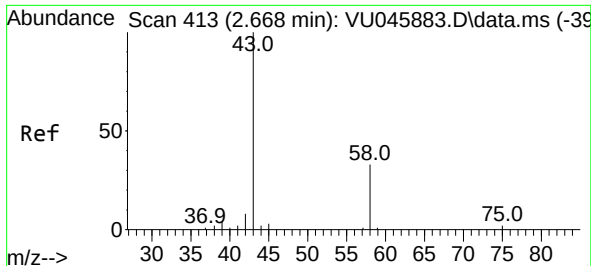
Tgt Ion:101 Resp: 28835
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 51.8
 151 70.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.697 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

Tgt Ion: 96 Resp: 26666
 Ion Ratio Lower Upper
 96 100
 61 173.5 124.7 231.5
 63 108.8 105.2 195.4





#13

Acetone

Concen: 49.857 ug/L

RT: 2.671 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

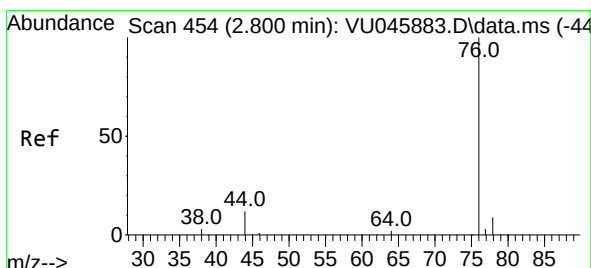
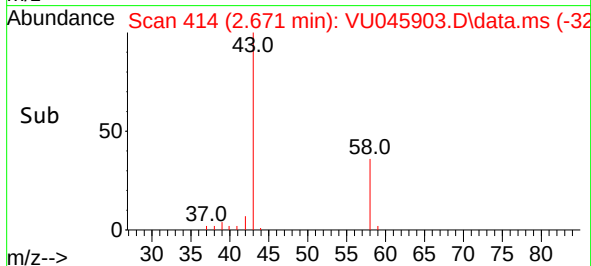
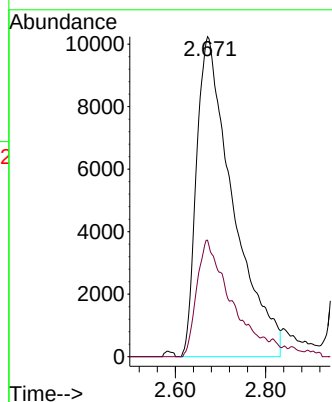
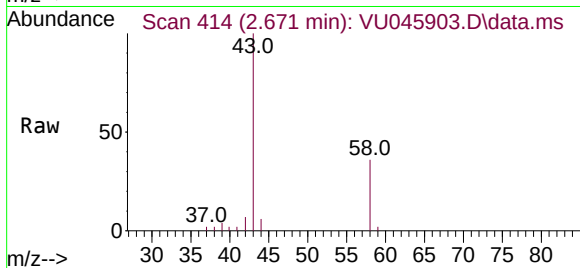
ClientSampleId :

Tgt Ion: 43 Resp: 57139

Ion Ratio Lower Upper

43 100

58 32.9 0.0 71.6



#14

Carbon disulfide

Concen: 4.230 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045903.D

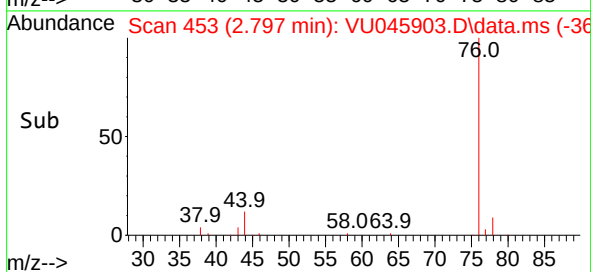
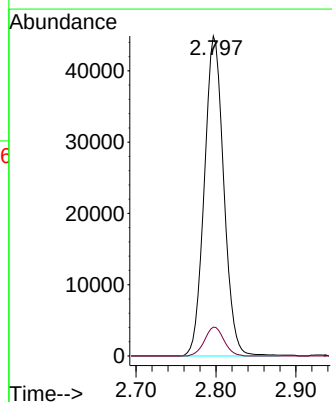
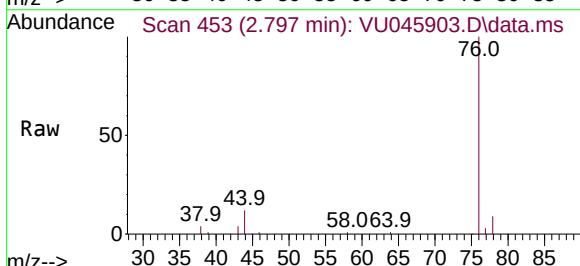
Acq: 19 Nov 2021 19:00

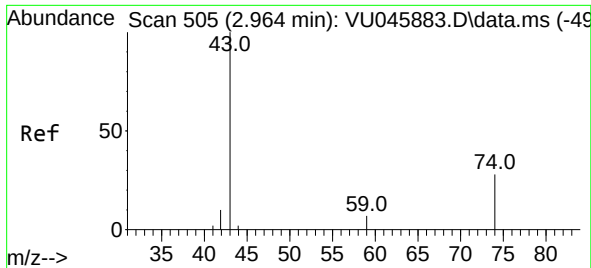
Tgt Ion: 76 Resp: 75948

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

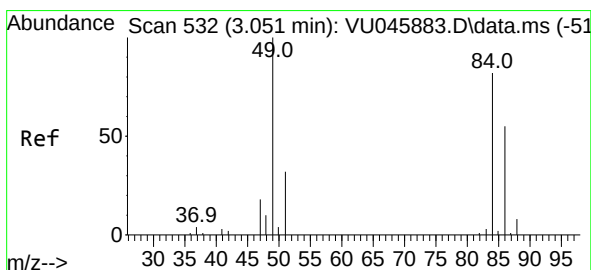
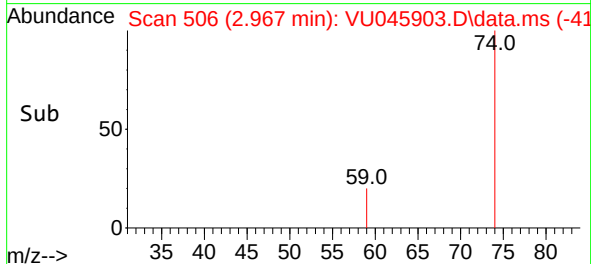
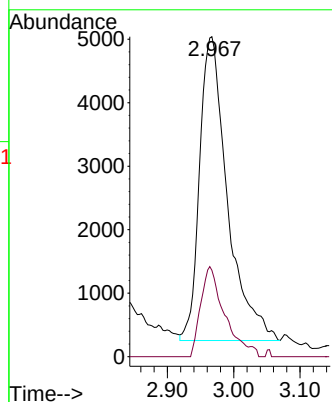
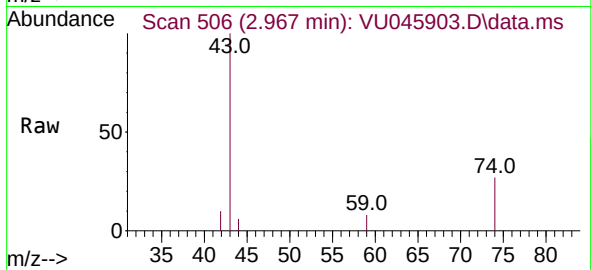




#15
Methyl Acetate
Concen: 4.975 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

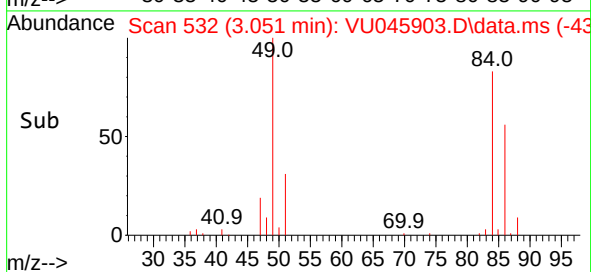
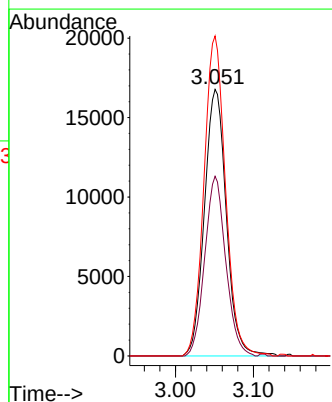
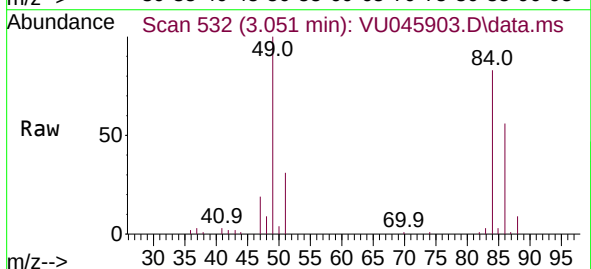
Instrument :
MSVOA_U
ClientSampleId :

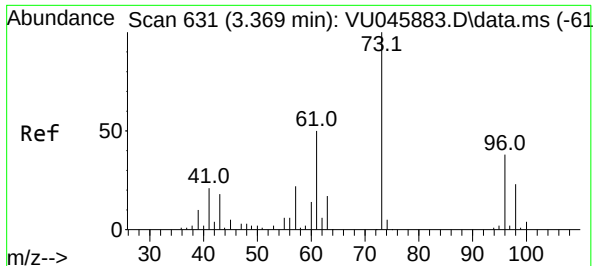
Tgt Ion: 43 Resp: 13989
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7



#16
Methylene chloride
Concen: 3.916 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion: 84 Resp: 32822
Ion Ratio Lower Upper
84 100
86 67.4 45.8 85.0
49 120.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.964 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

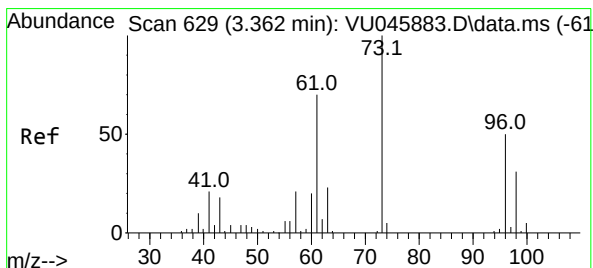
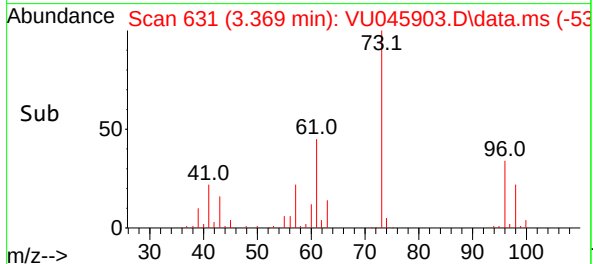
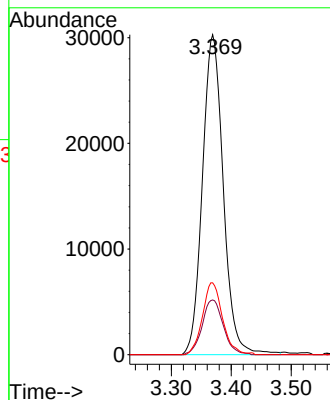
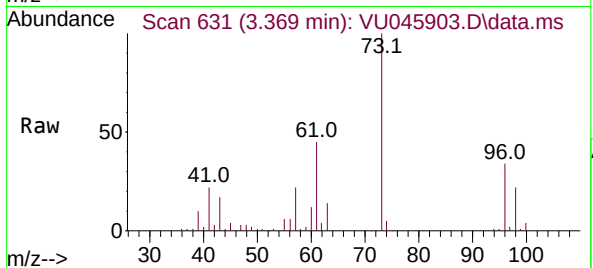
Tgt Ion: 73 Resp: 73359

Ion Ratio Lower Upper

73 100

43 17.3 14.8 22.2

57 21.5 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.695 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

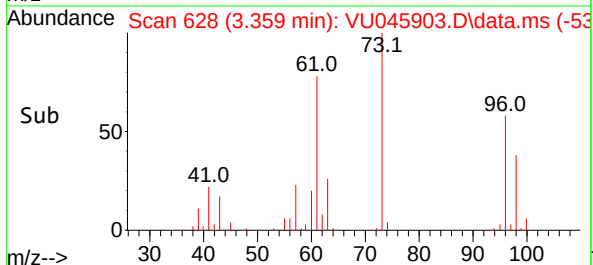
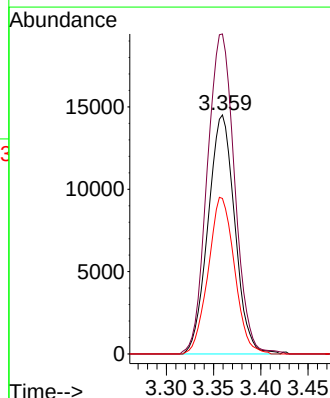
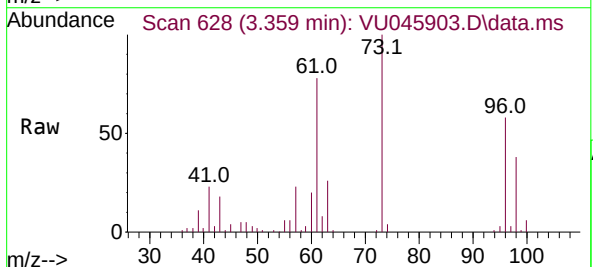
Tgt Ion: 96 Resp: 28571

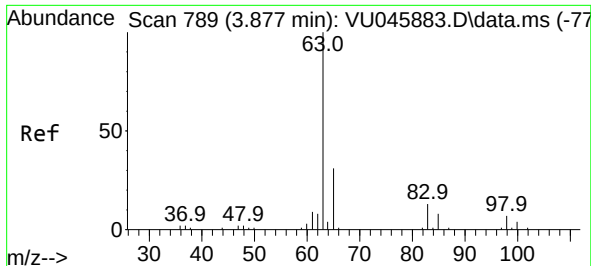
Ion Ratio Lower Upper

96 100

61 133.8 100.8 187.2

98 65.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.867 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU045903.D

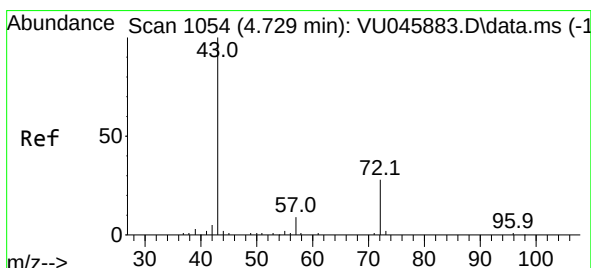
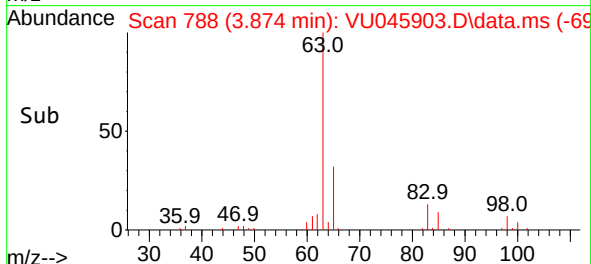
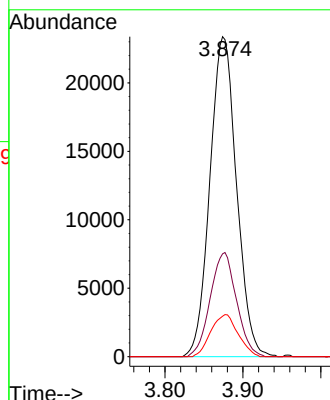
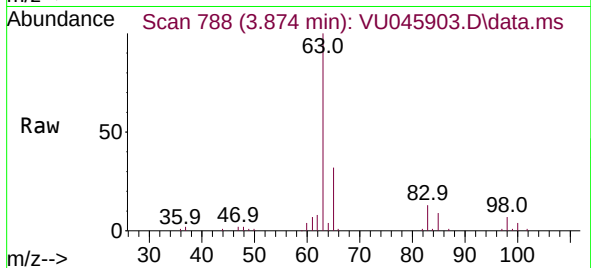
Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	55486
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.5
83	12.7	9.6	17.8



#21

2-Butanone

Concen: 50.737 ug/L

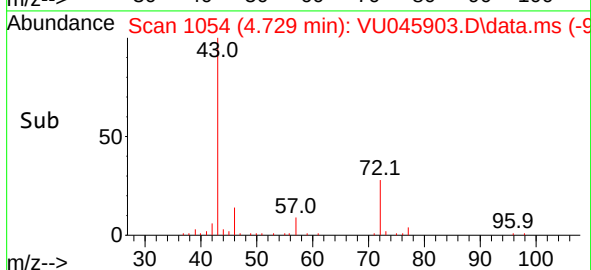
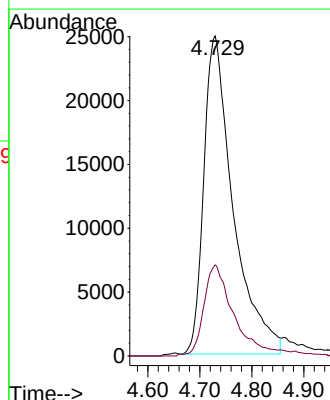
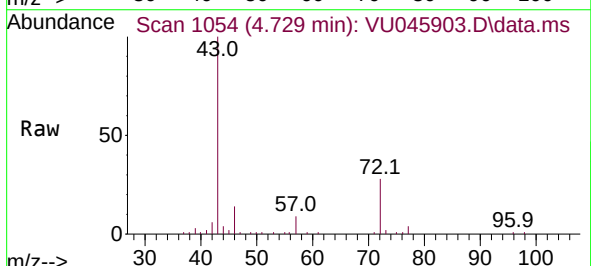
RT: 4.729 min Scan# 1054

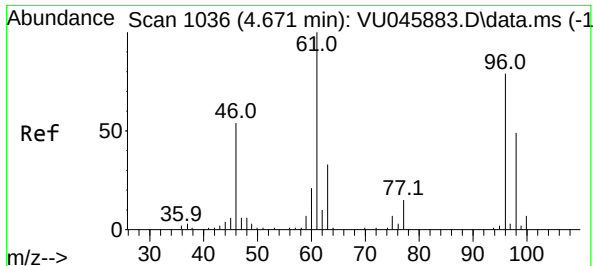
Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Tgt Ion:	43	Resp:	97837
Ion	Ratio	Lower	Upper
43	100		
72	29.4	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.816 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

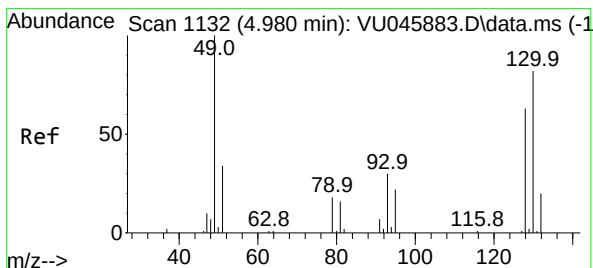
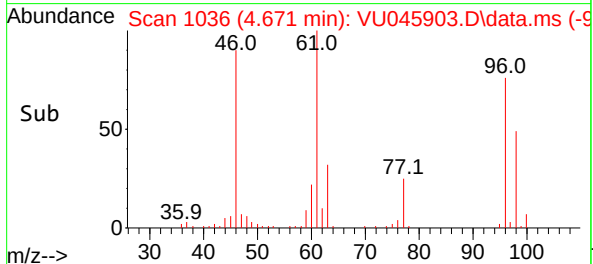
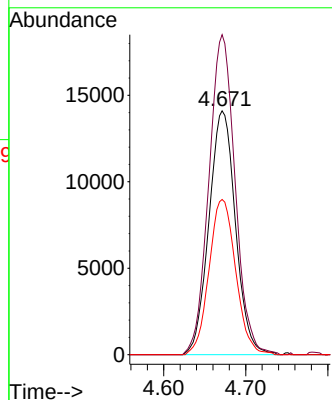
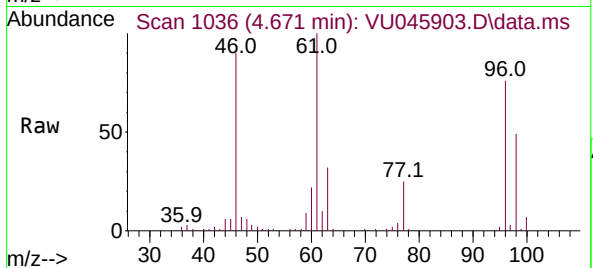
Tgt Ion: 96 Resp: 31774

Ion Ratio Lower Upper

96 100

61 131.3 88.5 164.3

98 63.7 44.4 82.5



#23

Bromochloromethane

Concen: 5.210 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Tgt Ion: 128 Resp: 14982

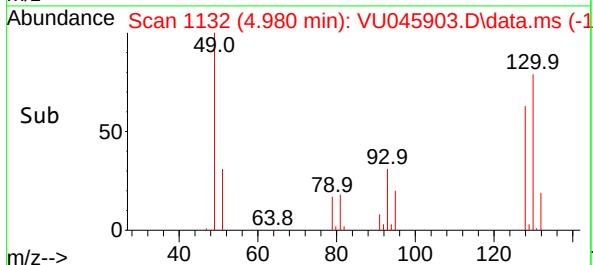
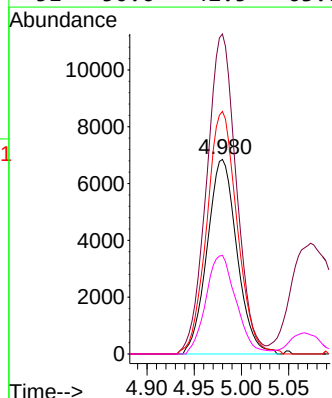
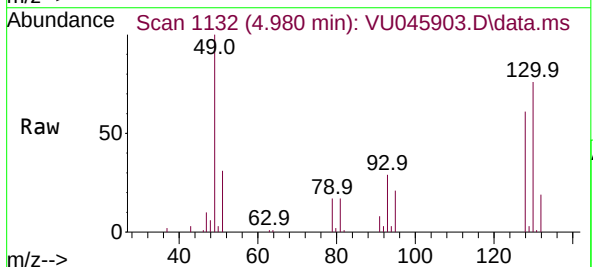
Ion Ratio Lower Upper

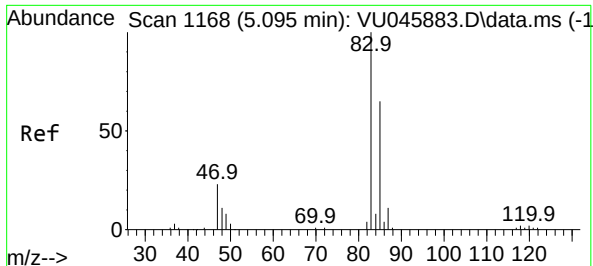
128 100

49 164.4 117.0 217.2

130 124.7 88.2 163.8

51 50.6 42.5 63.7





#25

Chloroform

Concen: 5.138 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

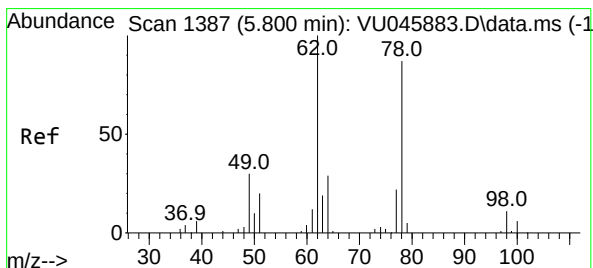
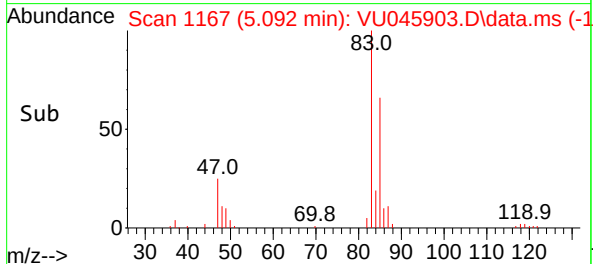
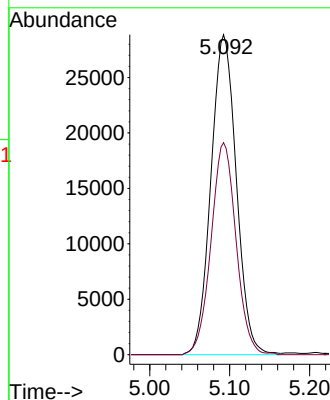
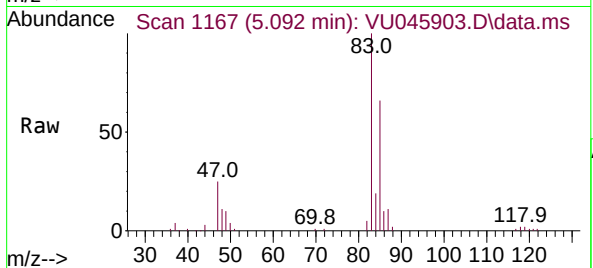
ClientSampleId :

Tgt Ion: 83 Resp: 63543

Ion Ratio Lower Upper

83 100

85 66.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.806 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045903.D

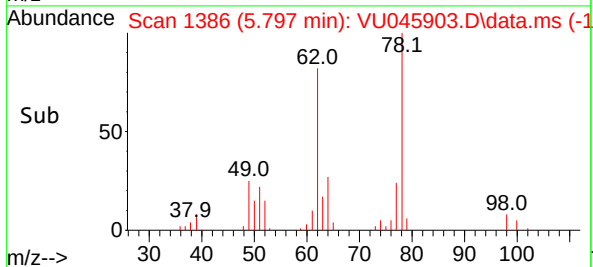
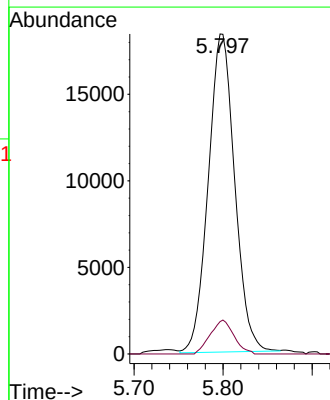
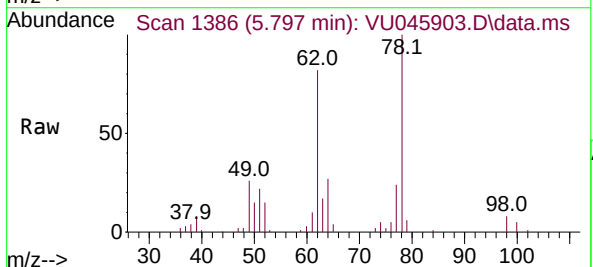
Acq: 19 Nov 2021 19:00

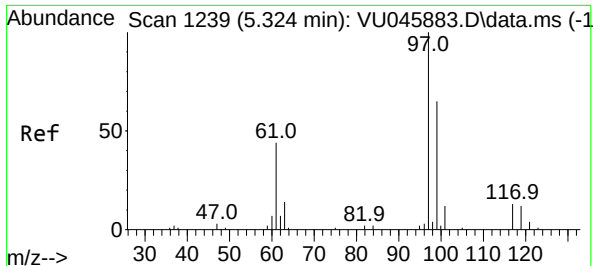
Tgt Ion: 62 Resp: 37929

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.837 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

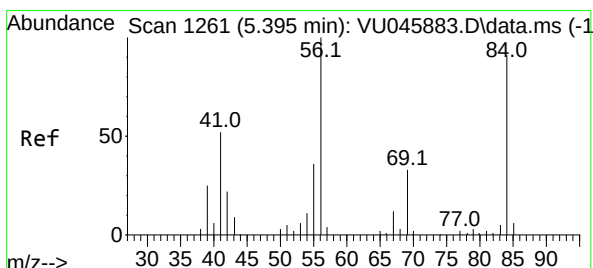
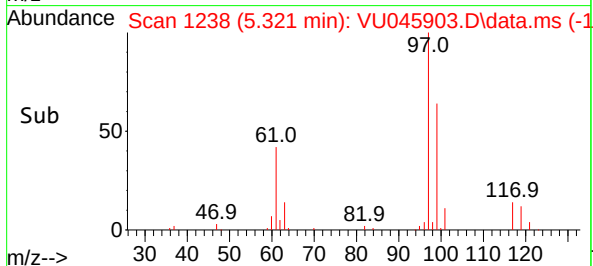
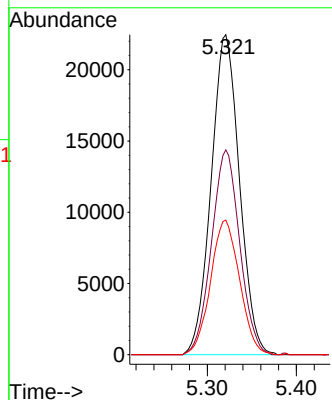
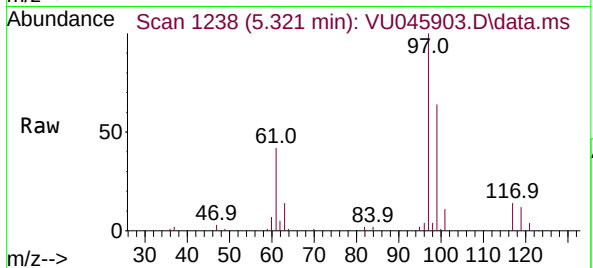
Tgt Ion: 97 Resp: 49650

Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 4.265 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

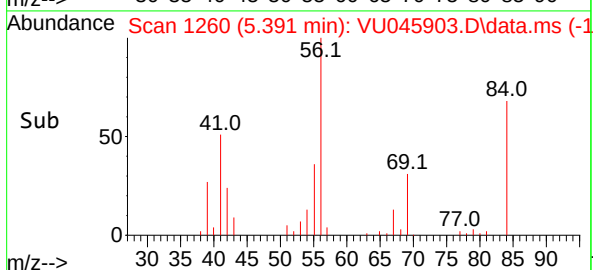
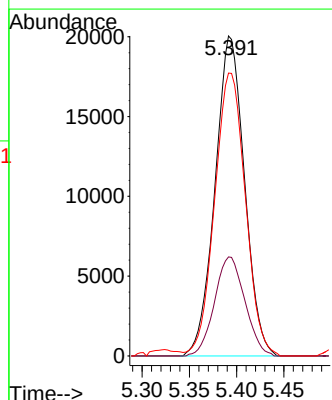
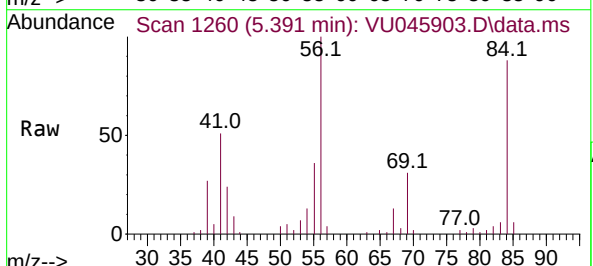
Tgt Ion: 56 Resp: 43412

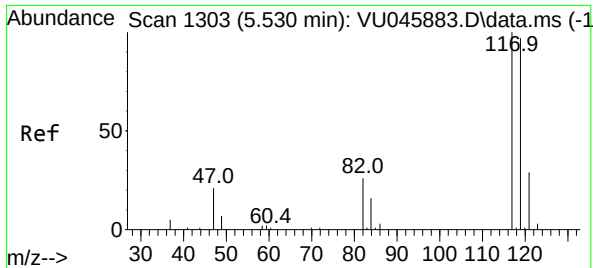
Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 92.2 71.8 107.6

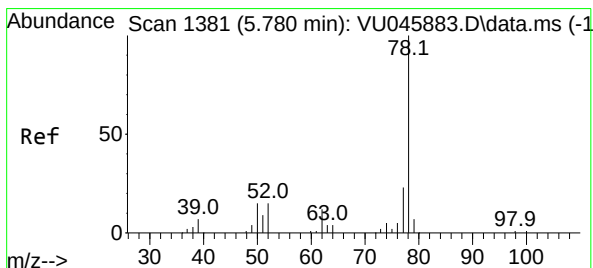
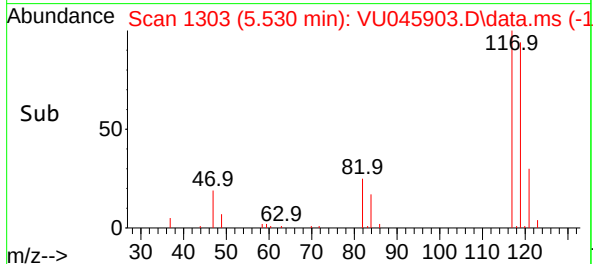
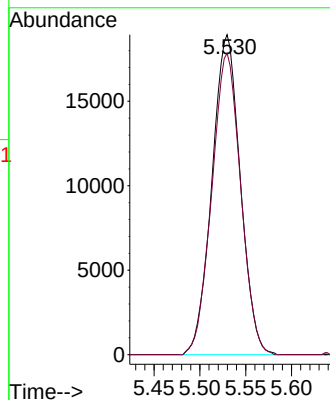
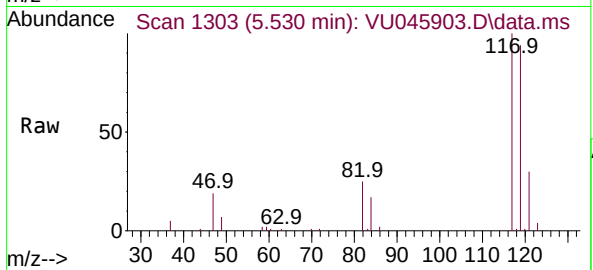




#31
Carbon tetrachloride
Concen: 4.717 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

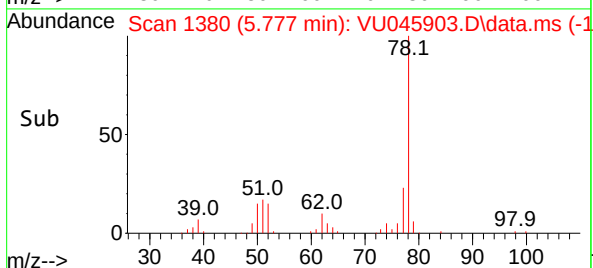
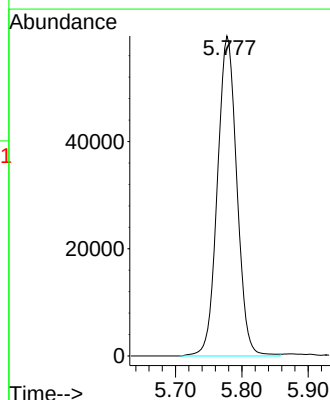
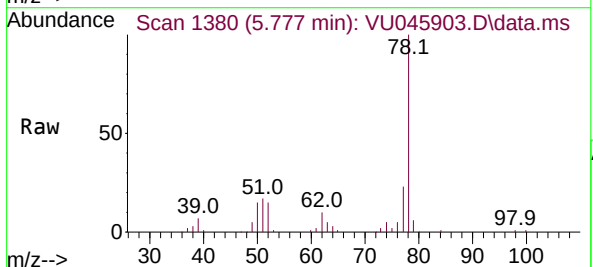
Instrument :
MSVOA_U
ClientSampleId :

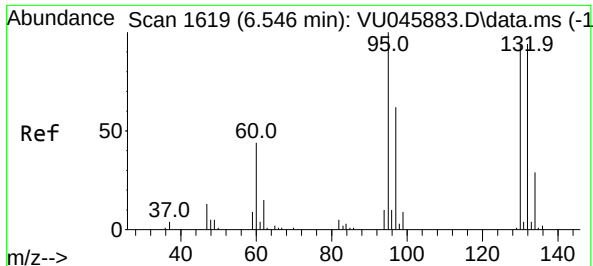
Tgt Ion:117 Resp: 40715
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 4.619 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion: 78 Resp: 121762





#34

Trichloroethene

Concen: 4.733 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 32158

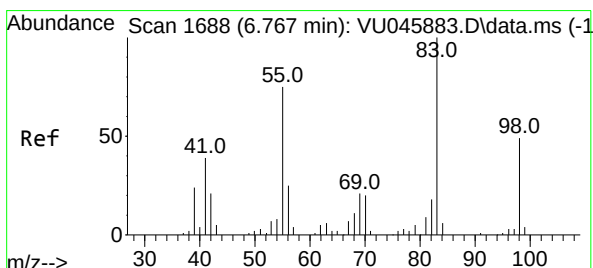
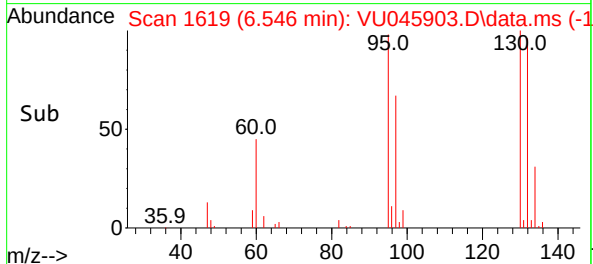
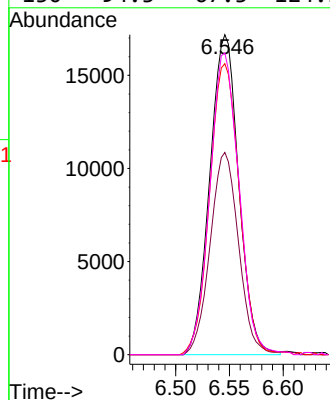
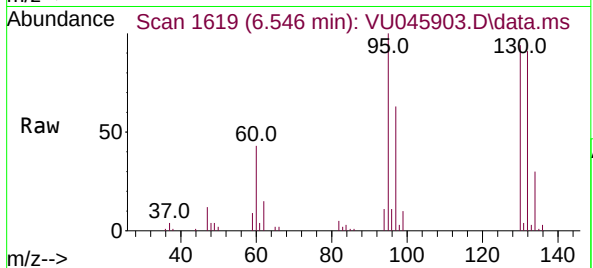
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.5

132 90.9 65.1 120.9

130 94.3 67.3 124.9



#35

Methylcyclohexane

Concen: 4.444 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

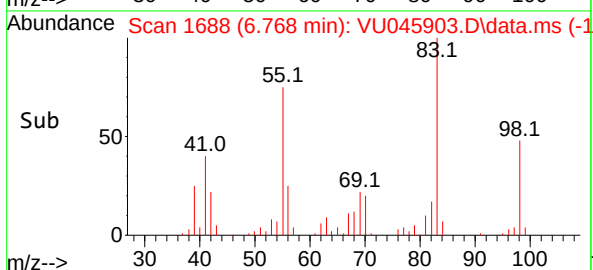
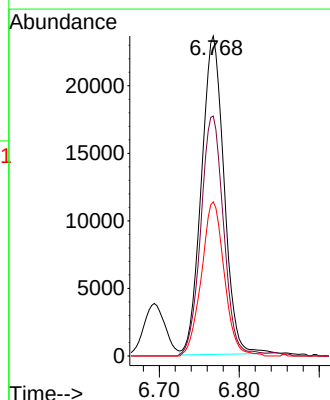
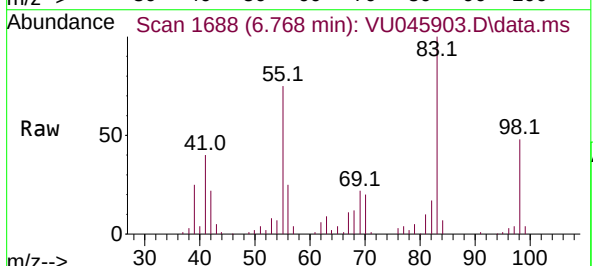
Tgt Ion: 83 Resp: 46371

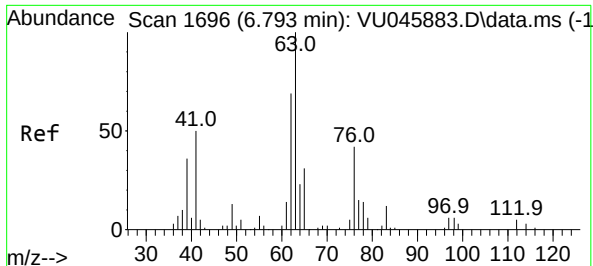
Ion Ratio Lower Upper

83 100

55 76.4 61.9 92.9

98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.793 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

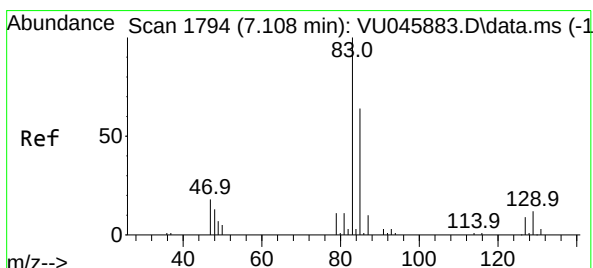
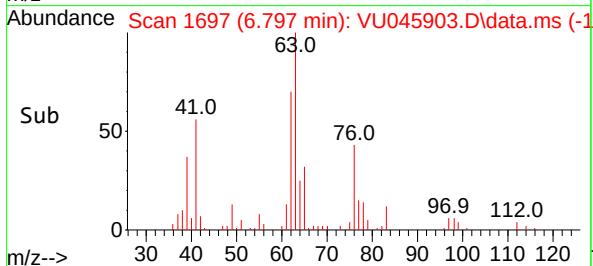
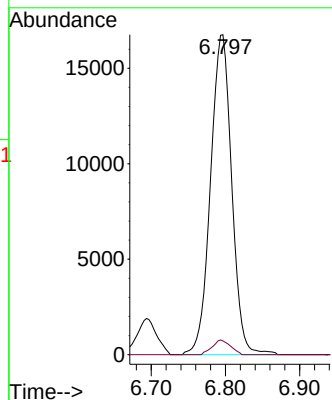
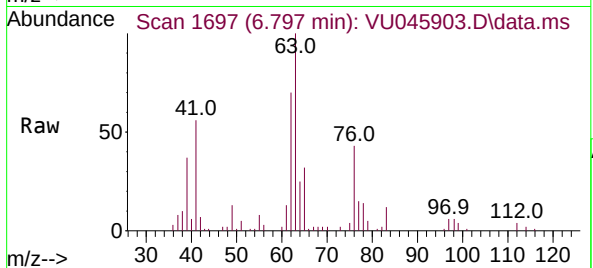
ClientSampleId :

Tgt Ion: 63 Resp: 33248

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 4.927 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

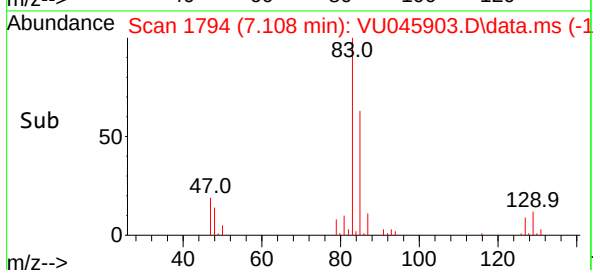
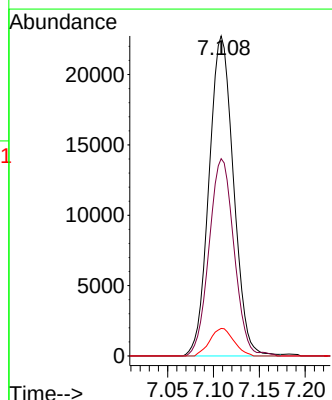
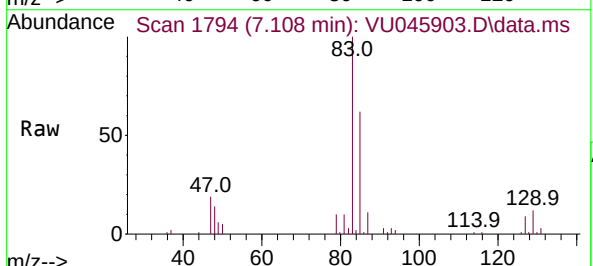
Tgt Ion: 83 Resp: 42174

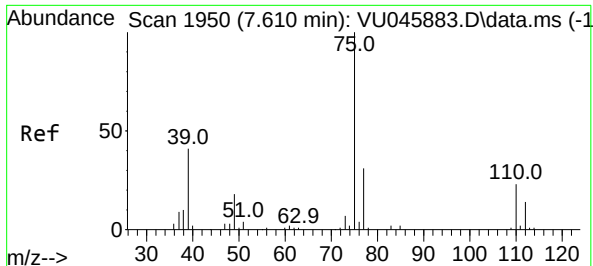
Ion Ratio Lower Upper

83 100

85 61.7 44.0 81.8

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.679 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

Instrument :

MSVOA_U

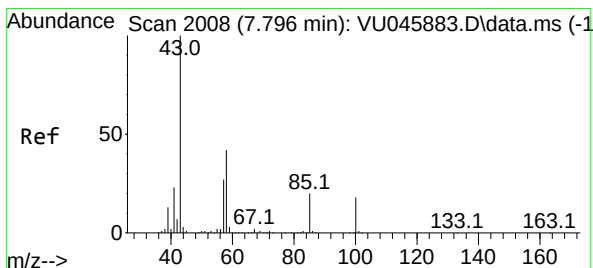
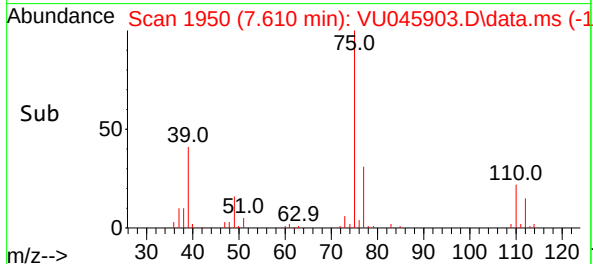
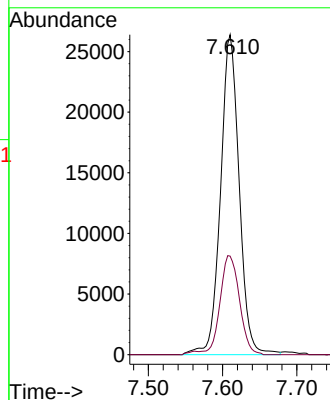
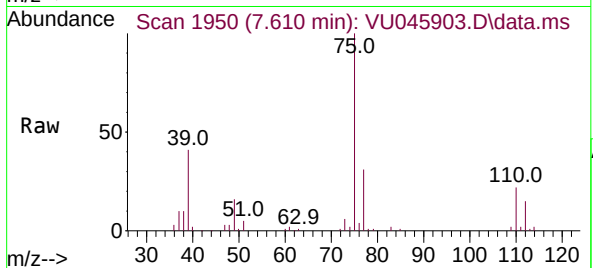
ClientSampleId :

Tgt Ion: 75 Resp: 46124

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.645 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045903.D

Acq: 19 Nov 2021 19:00

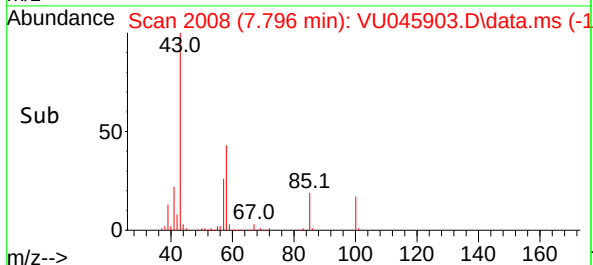
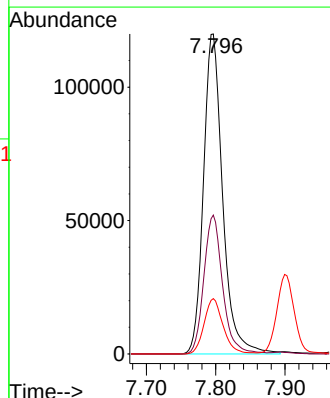
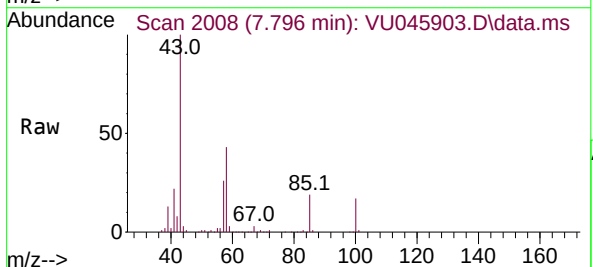
Tgt Ion: 43 Resp: 230451

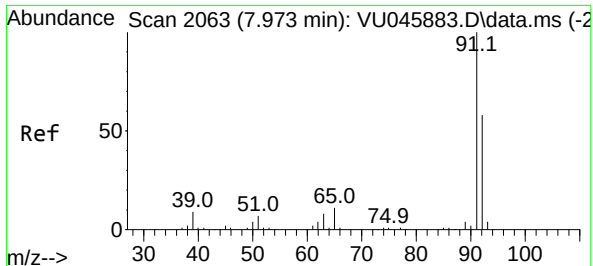
Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7

100 17.2 13.2 19.8

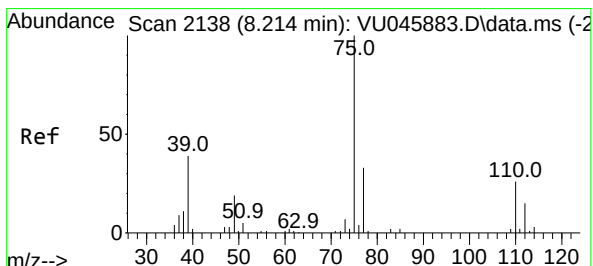
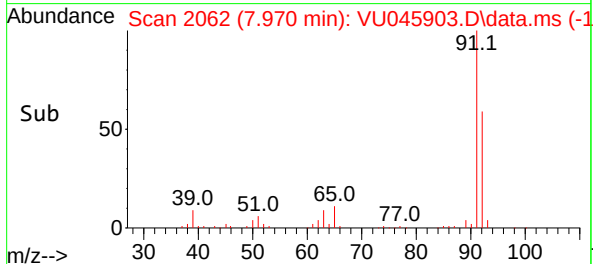
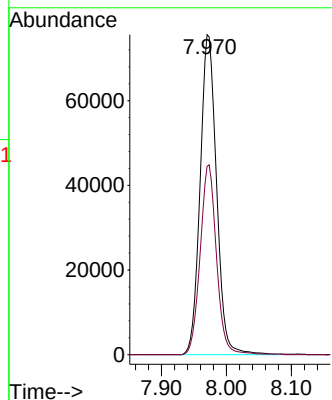
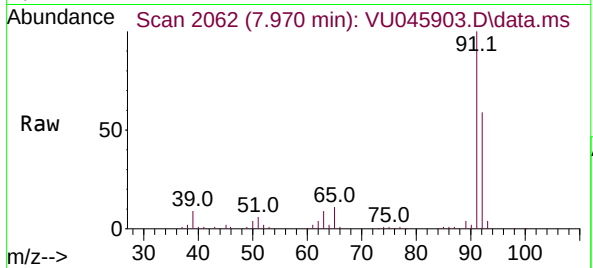




#42
Toluene
Concen: 4.895 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

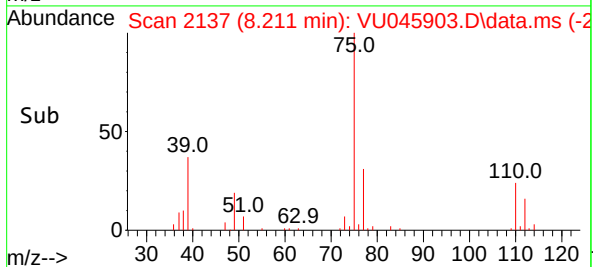
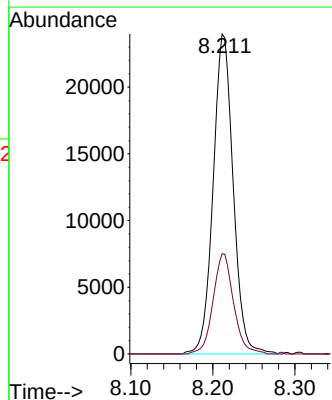
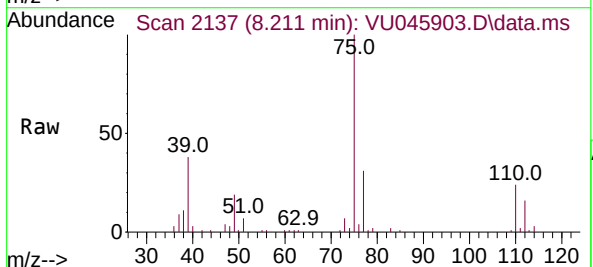
Instrument :
MSVOA_U
ClientSampleId :

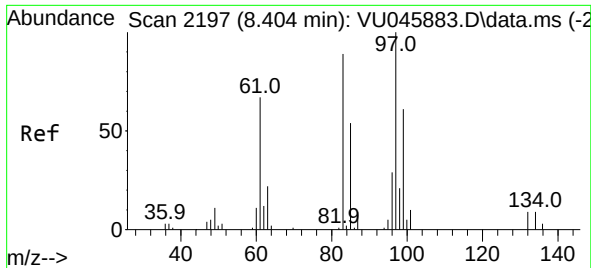
Tgt Ion: 91 Resp: 133196
Ion Ratio Lower Upper
91 100
92 58.9 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.748 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion: 75 Resp: 40722
Ion Ratio Lower Upper
75 100
77 31.4 22.7 42.3

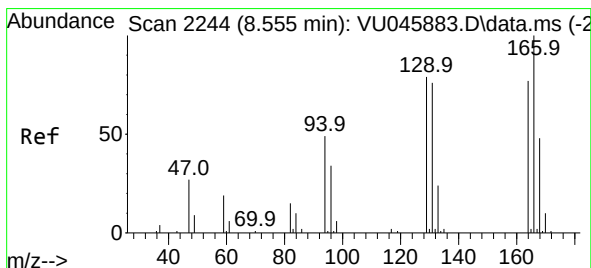
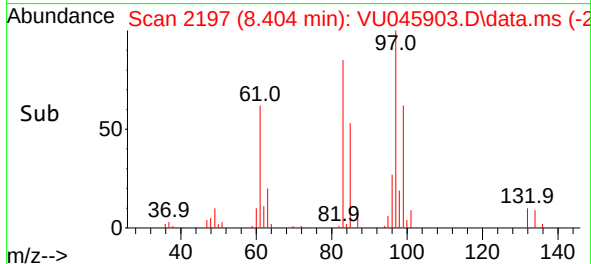
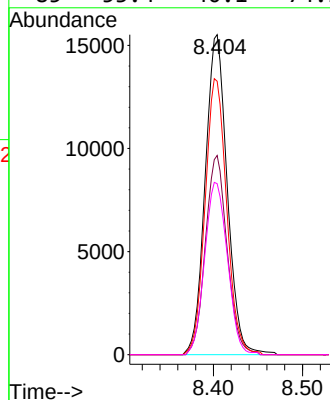
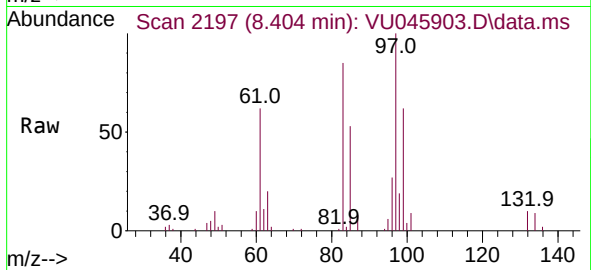




#45
1,1,2-Trichloroethane
Concen: 5.166 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

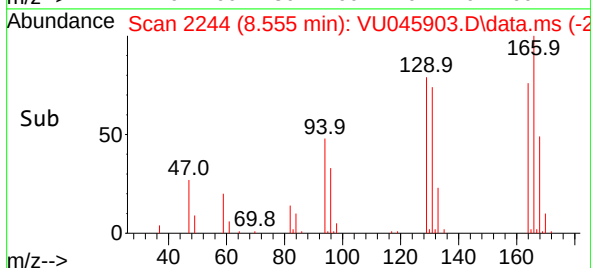
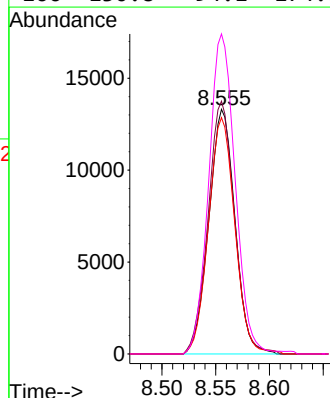
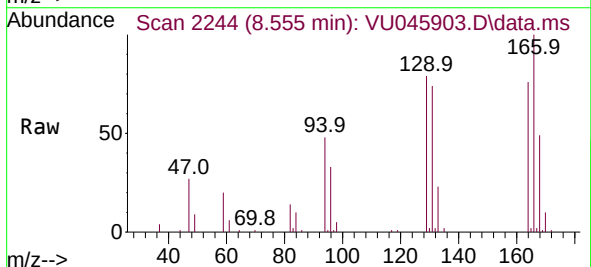
Instrument :
MSVOA_U
ClientSampleId :

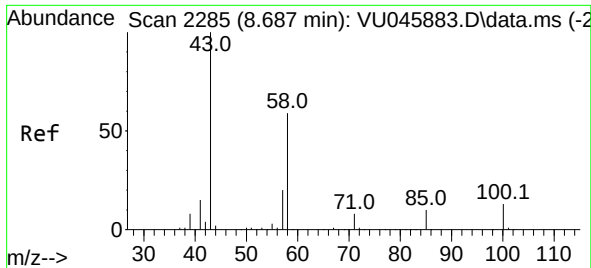
Tgt Ion: 97	Resp: 26607
Ion Ratio	Lower Upper
97 100	
99 62.2	42.3 78.5
83 85.5	62.0 115.2
85 53.4	40.1 74.5



#47
Tetrachloroethene
Concen: 4.734 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt	Ion:164	Resp:	22514
Ion	Ratio	Lower	Upper
164	100		
129	103.4	71.8	133.4
131	96.6	68.5	127.3
166	130.8	94.1	174.8

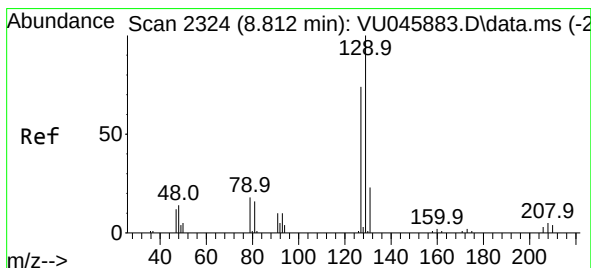
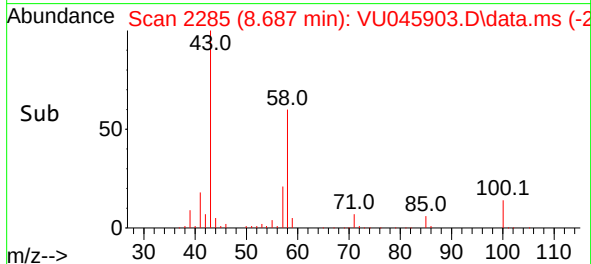
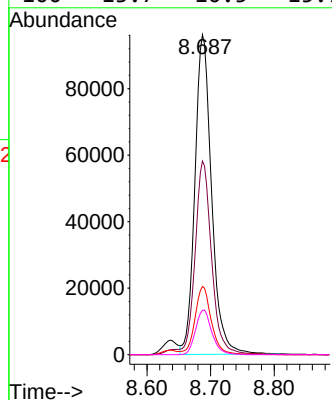
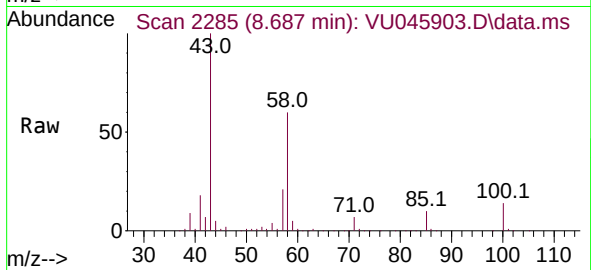




#48
2-Hexanone
Concen: 53.273 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

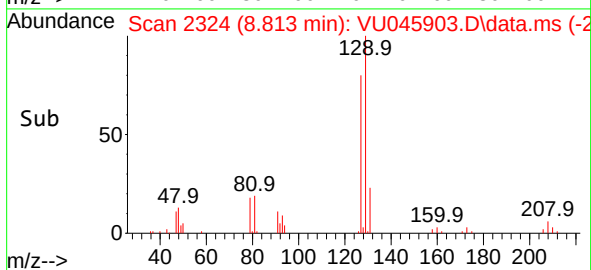
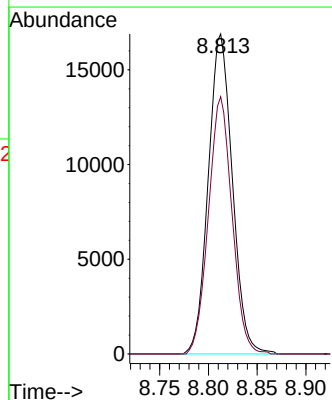
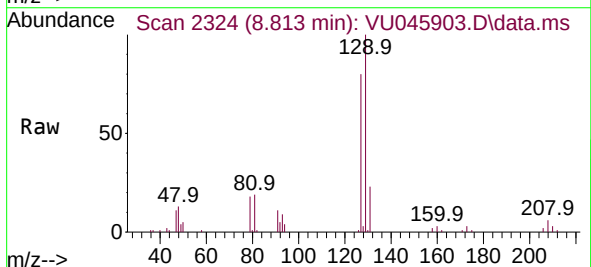
Instrument :
MSVOA_U
ClientSampleId :

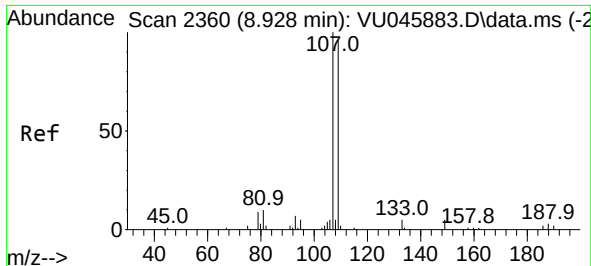
Tgt Ion:	43	Resp:	175124
Ion	Ratio	Lower	Upper
43	100		
58	61.3	46.7	70.1
57	20.5	16.3	24.5
100	13.7	10.5	15.7



#49
Dibromochloromethane
Concen: 4.952 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion:	129	Resp:	29046
Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.4	102.8

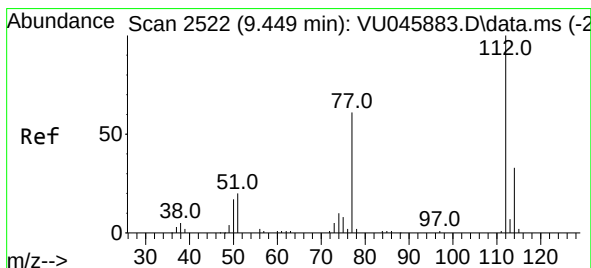
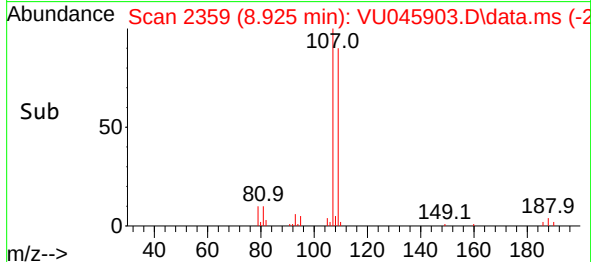
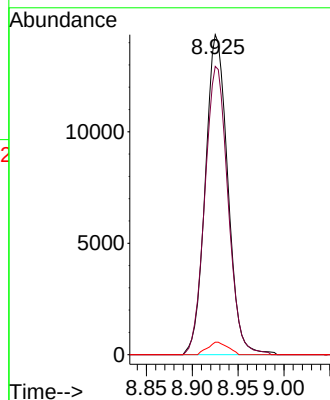
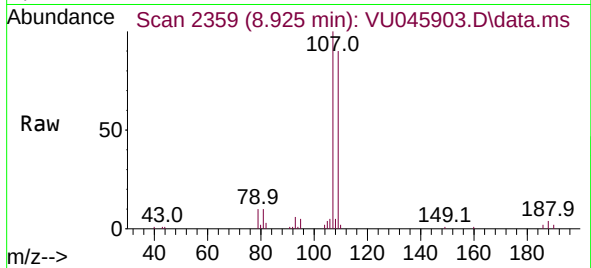




#50
1,2-Dibromoethane
Concen: 5.040 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

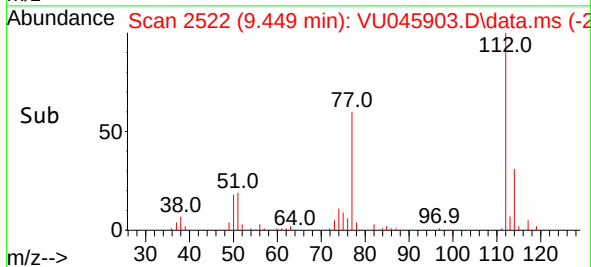
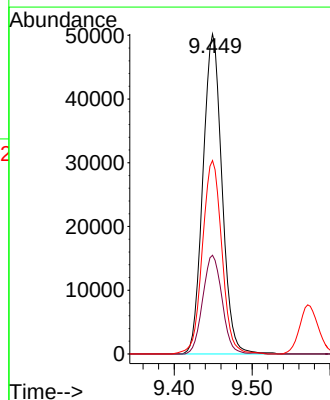
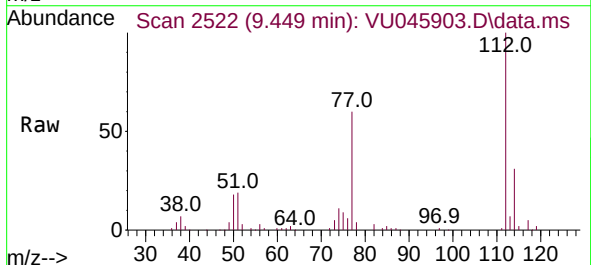
Instrument :
MSVOA_U
ClientSampleId :

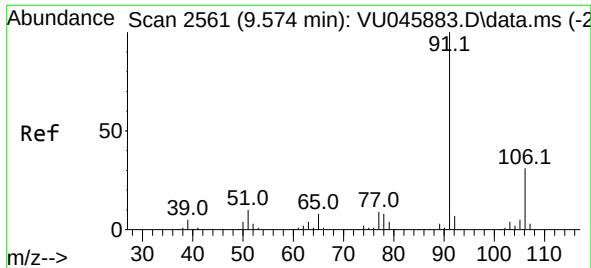
Tgt Ion:107 Resp: 24457
Ion Ratio Lower Upper
107 100
109 90.1 64.0 119.0
188 3.9 2.4 3.6#



#51
Chlorobenzene
Concen: 4.990 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion:112 Resp: 85178
Ion Ratio Lower Upper
112 100
114 30.9 22.1 41.1
77 60.5 48.3 72.5

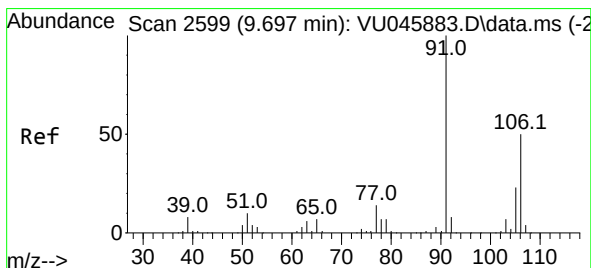
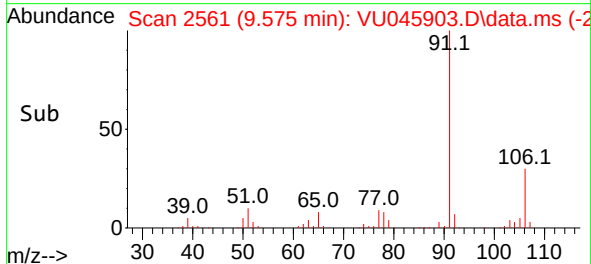
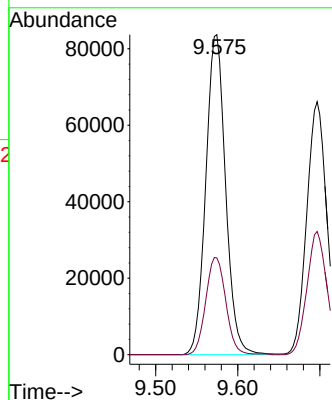
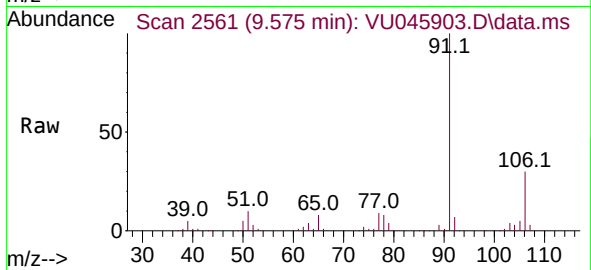




#52
Ethylbenzene
Concen: 4.921 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

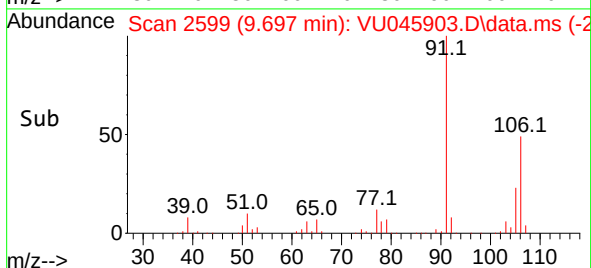
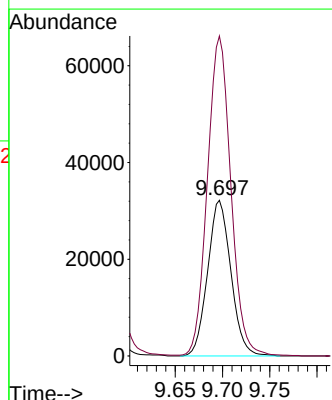
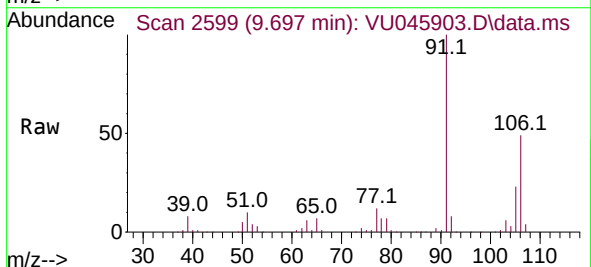
Instrument :
MSVOA_U
ClientSampleId :

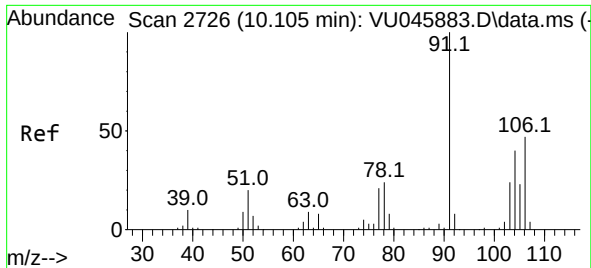
Tgt Ion: 91 Resp: 140161
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.059 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion: 106 Resp: 55192
Ion Ratio Lower Upper
106 100
91 205.4 139.4 259.0

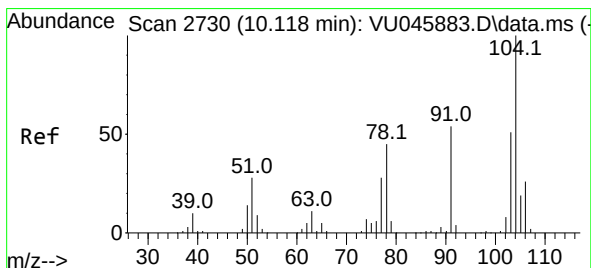
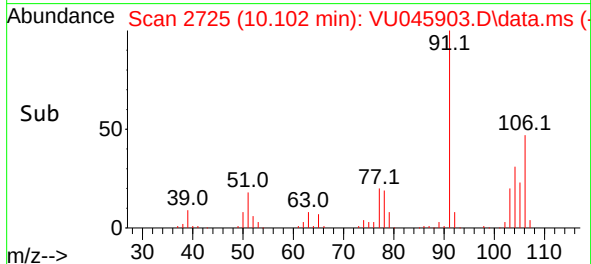
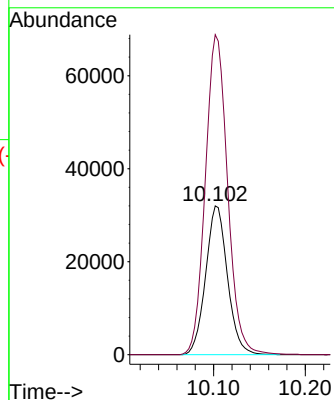
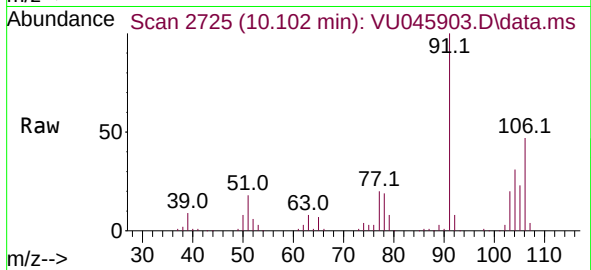




#54
o-Xylene
Concen: 5.029 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

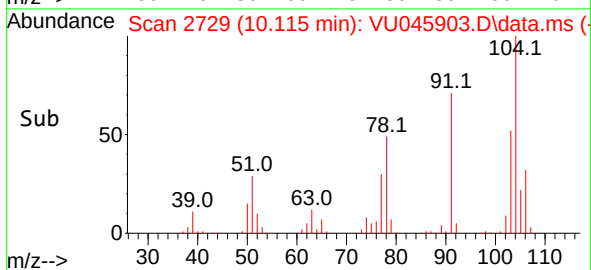
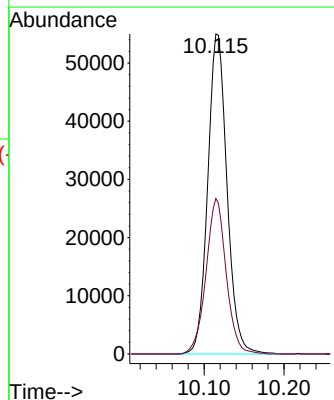
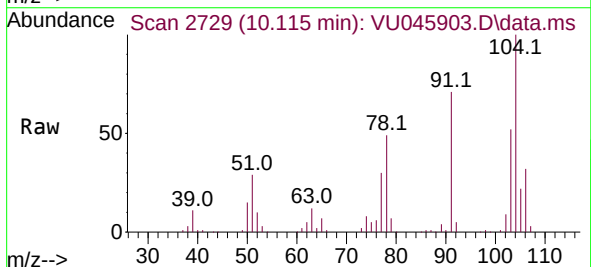
Instrument :
MSVOA_U
ClientSampleId :

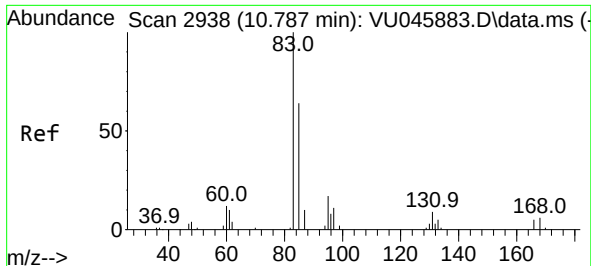
Tgt Ion:106 Resp: 52951
Ion Ratio Lower Upper
106 100
91 214.9 147.5 273.9



#55
Styrene
Concen: 5.205 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion:104 Resp: 92248
Ion Ratio Lower Upper
104 100
78 48.5 33.0 61.4

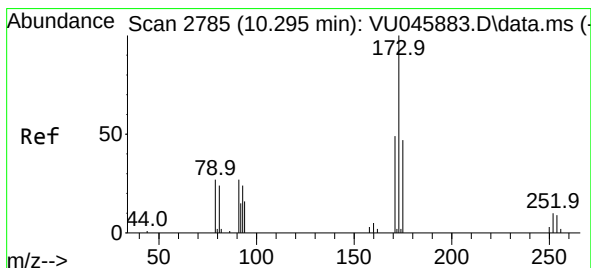
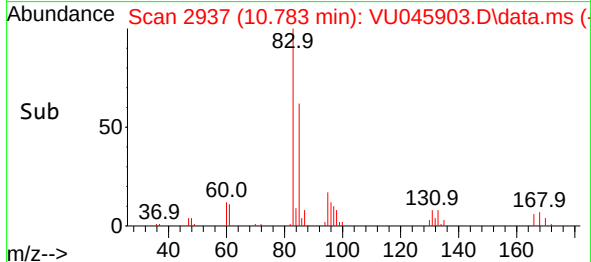
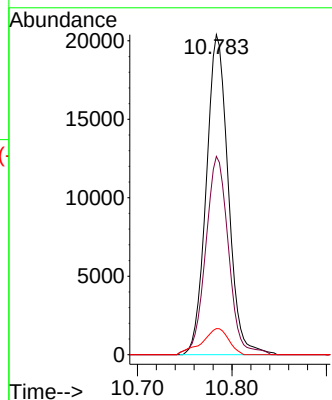
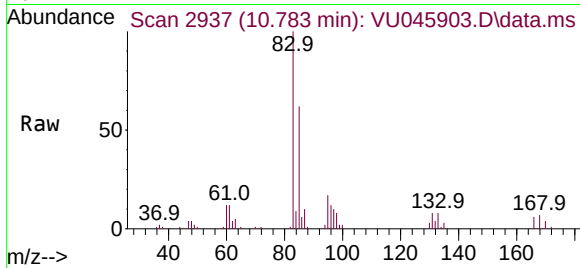




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.982 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

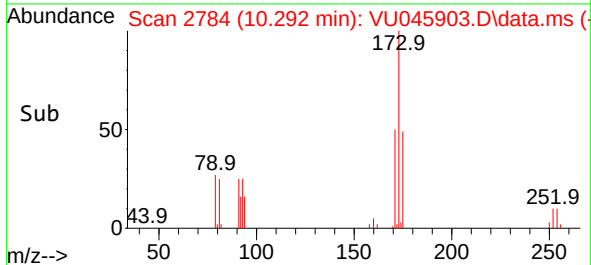
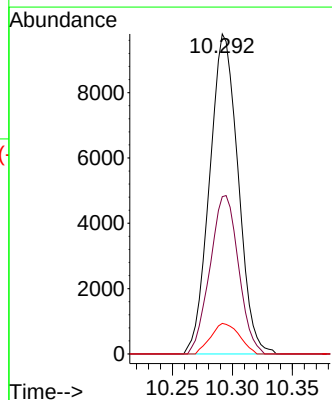
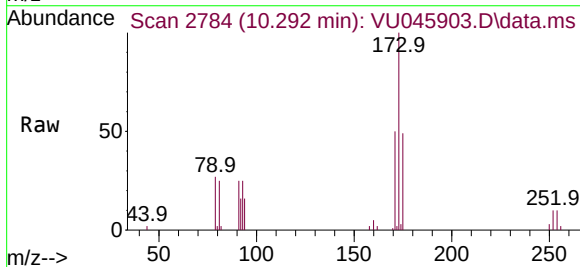
Instrument :
 MSVOA_U
 ClientSampleId :

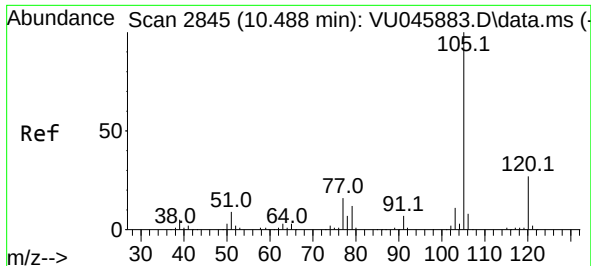
Tgt Ion: 83 Resp: 32866
 Ion Ratio Lower Upper
 83 100
 85 62.0 47.9 89.1
 131 8.2 8.1 12.1



#59
 Bromoform
 Concen: 4.970 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

Tgt Ion: 173 Resp: 16163
 Ion Ratio Lower Upper
 173 100
 175 49.5 37.8 56.6
 254 9.5 7.3 10.9

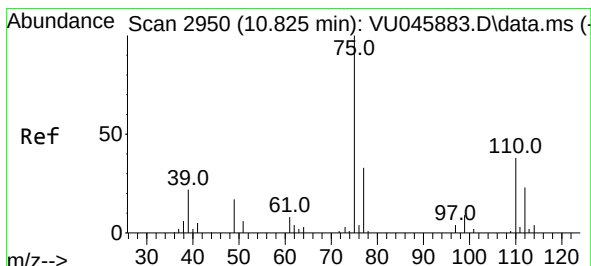
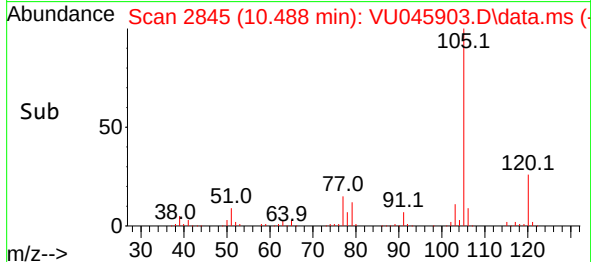
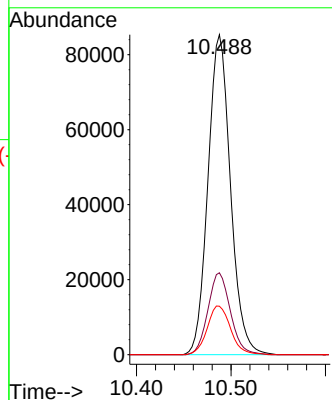
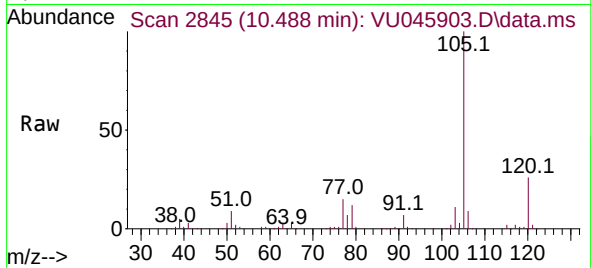




#60
Isopropylbenzene
Concen: 4.893 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

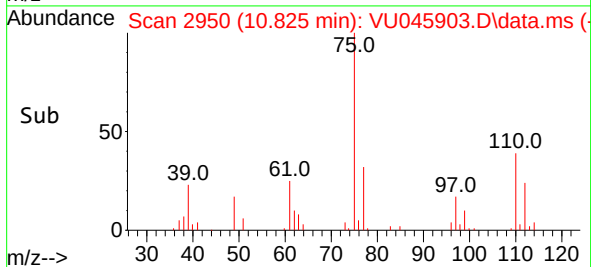
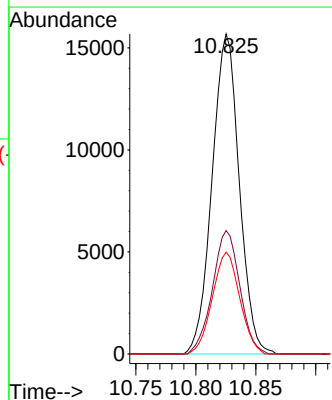
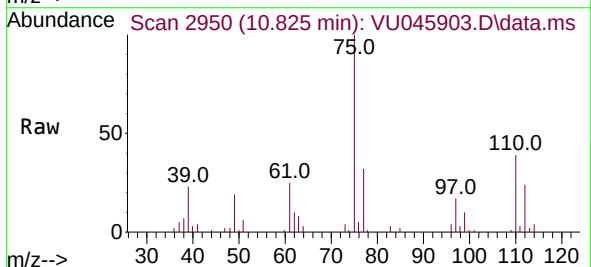
Instrument :
MSVOA_U
ClientSampleId :

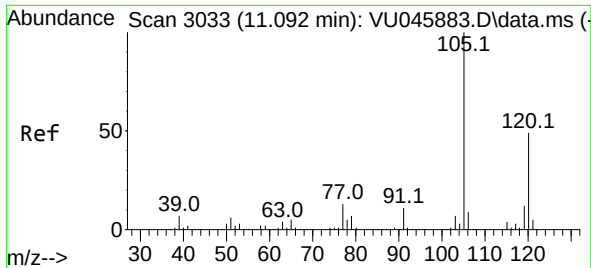
Tgt Ion:105 Resp: 141047
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.835 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

Tgt Ion: 75 Resp: 24646
Ion Ratio Lower Upper
75 100
110 38.8 29.9 44.9
77 32.1 25.5 38.3

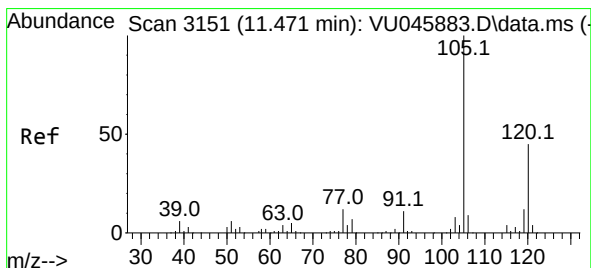
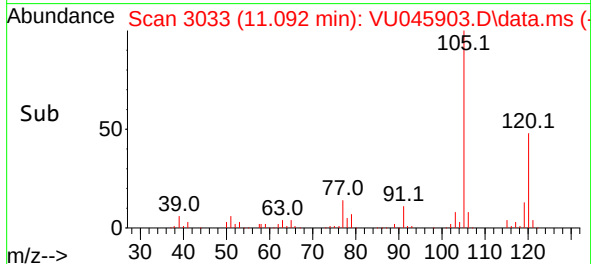
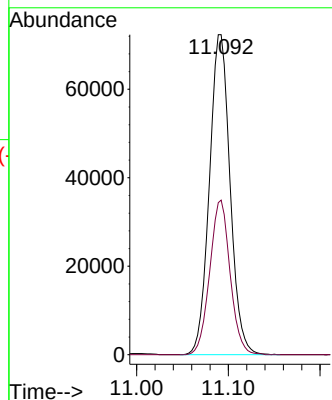
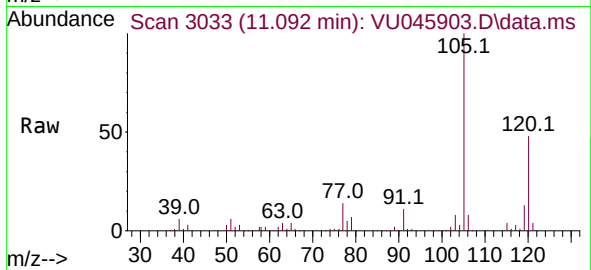




#62
 1,3,5-Trimethylbenzene
 Concen: 4.812 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

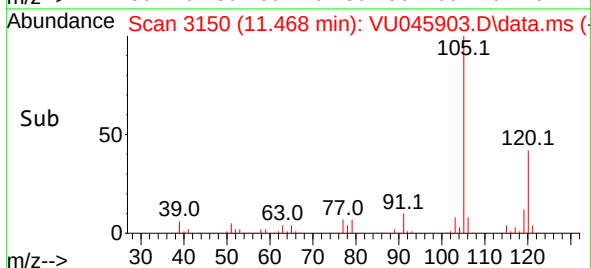
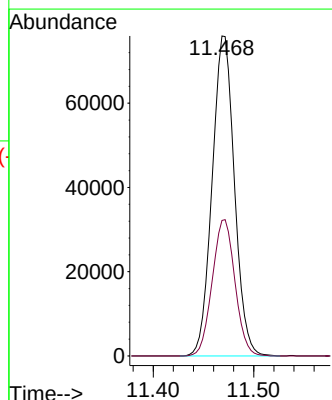
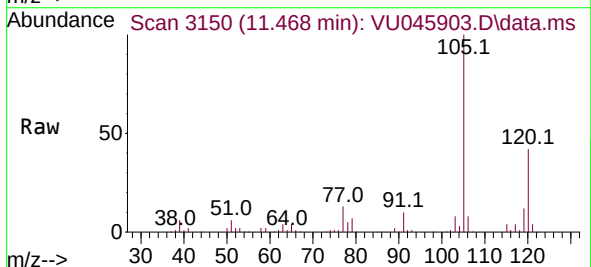
Instrument :
 MSVOA_U
 ClientSampleId :

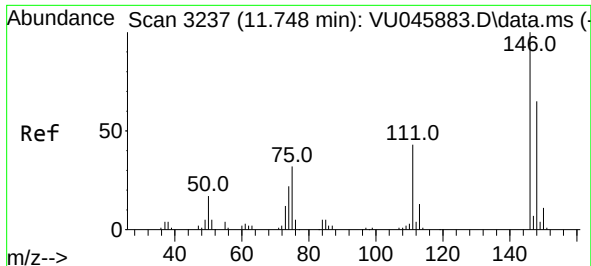
Tgt Ion:105 Resp: 113423
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.957 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

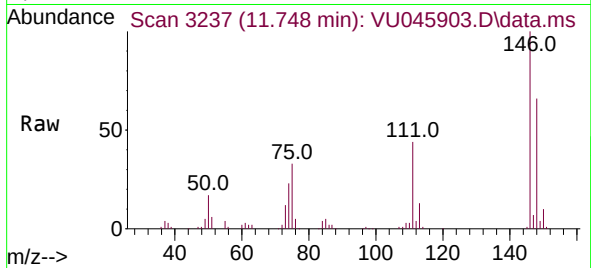
Tgt Ion:105 Resp: 117053
 Ion Ratio Lower Upper
 105 100
 120 43.4 35.8 53.8



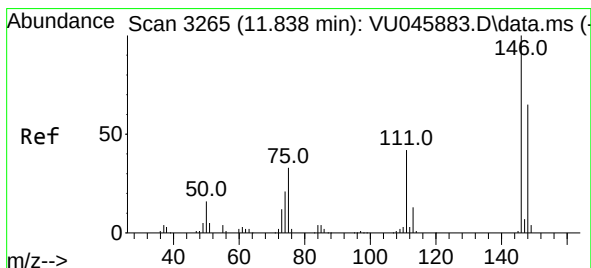
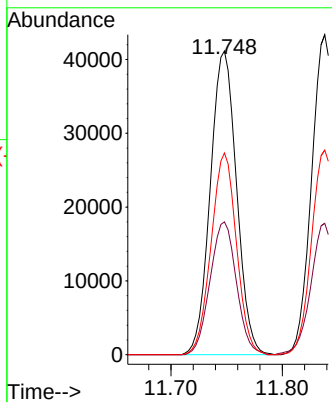
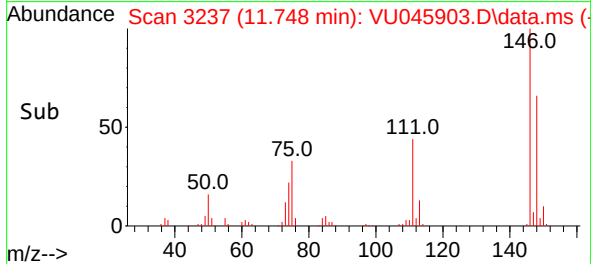


#64
1,3-Dichlorobenzene
Concen: 5.010 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

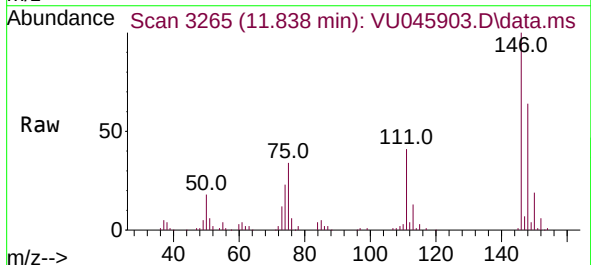
Instrument :
MSVOA_U
ClientSampleId :



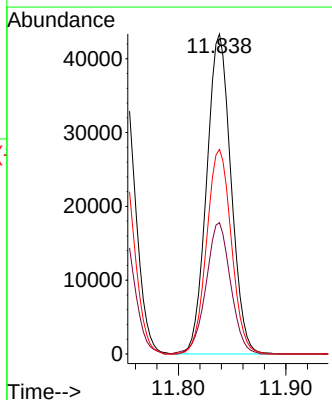
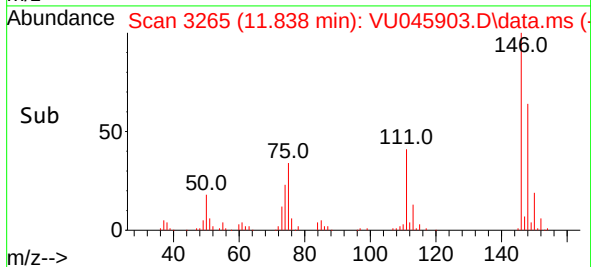
Tgt Ion:146 Resp: 67371
Ion Ratio Lower Upper
146 100
111 43.7 29.9 55.5
148 66.4 44.3 82.3

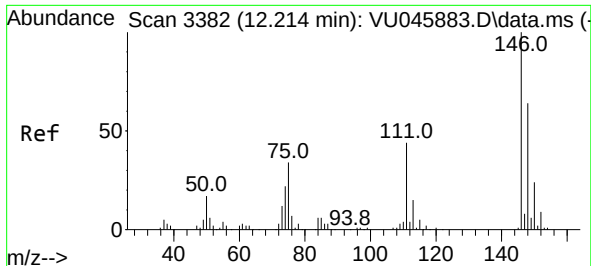


#65
1,4-Dichlorobenzene
Concen: 4.986 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00



Tgt Ion:146 Resp: 68121
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 64.0 45.8 85.0

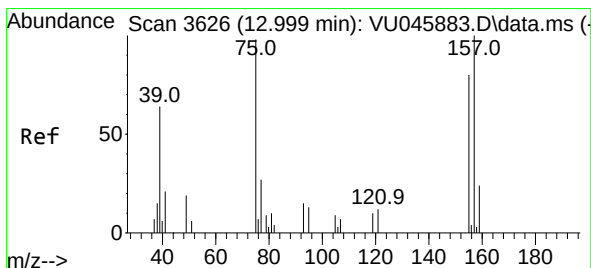
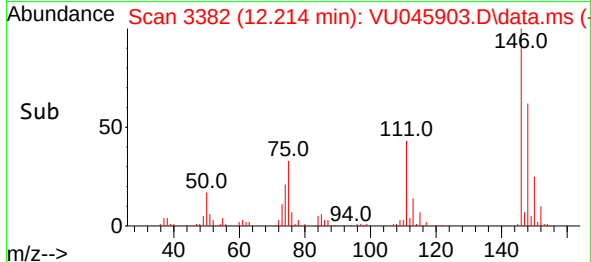
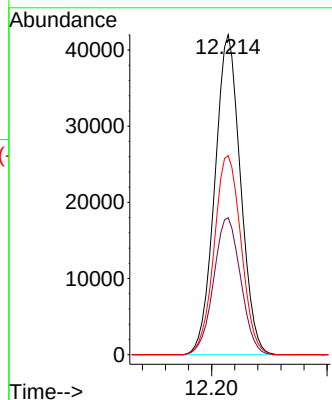
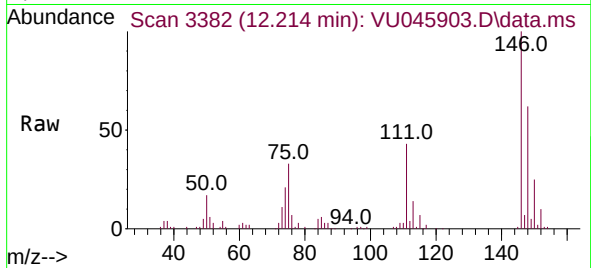




#67
 1,2-Dichlorobenzene
 Concen: 5.032 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

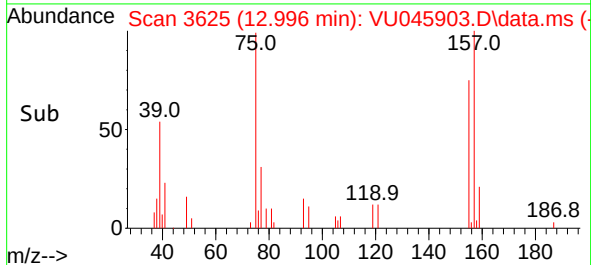
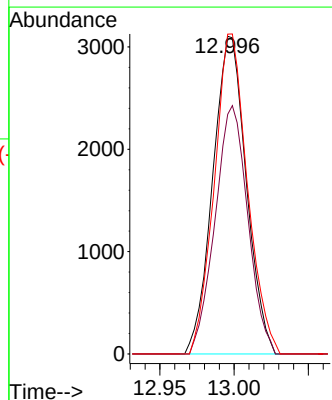
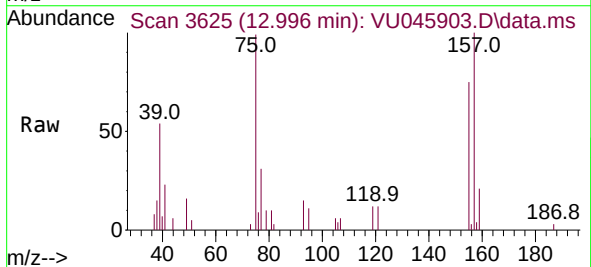
Instrument :
 MSVOA_U
 ClientSampleId :

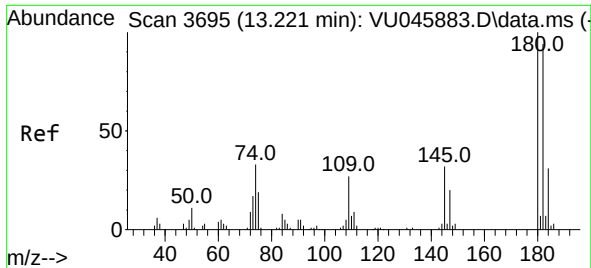
Tgt Ion:146 Resp: 64882
 Ion Ratio Lower Upper
 146 100
 111 42.8 35.4 53.0
 148 62.2 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.582 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

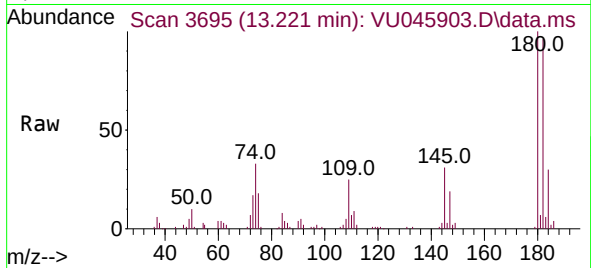
Tgt Ion: 75 Resp: 4859
 Ion Ratio Lower Upper
 75 100
 155 75.5 59.2 88.8
 157 100.7 76.5 114.7



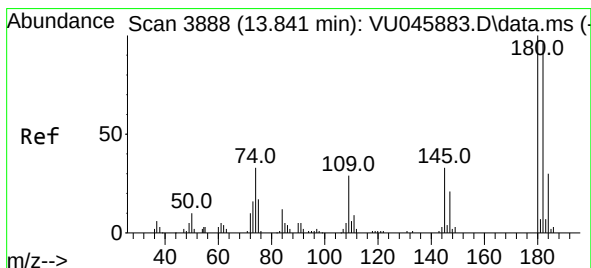
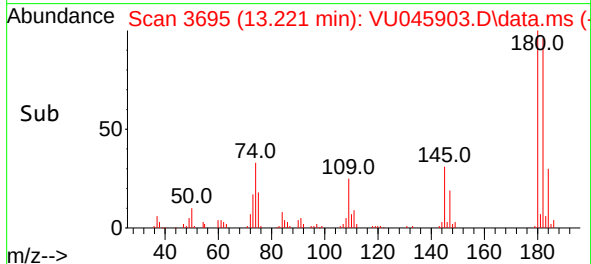
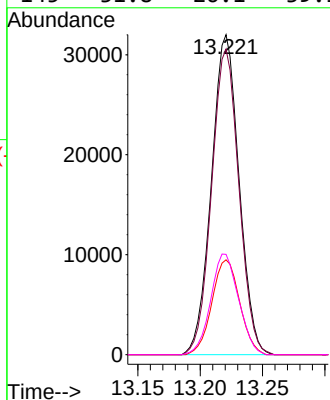


#69
 1,3,5-Trichlorobenzene
 Concen: 4.898 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

Instrument :
 MSVOA_U
 ClientSampleId :

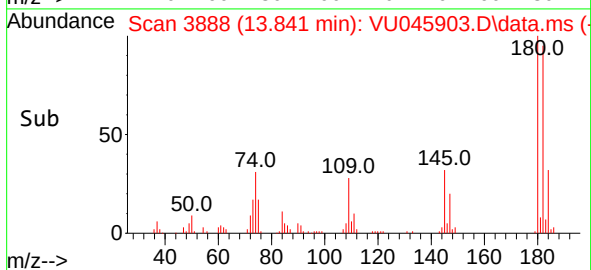
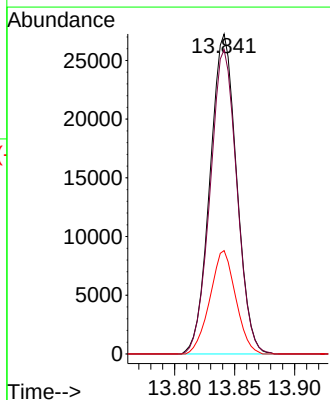
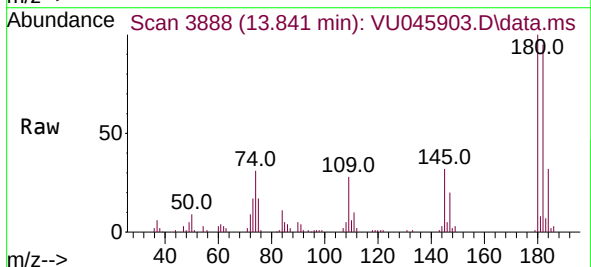


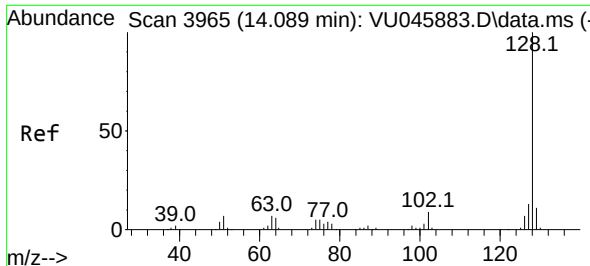
Tgt Ion:180	Resp:	49269
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.1 114.1
184	29.9	25.0 37.4
145	31.8	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.944 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045903.D
 Acq: 19 Nov 2021 19:00

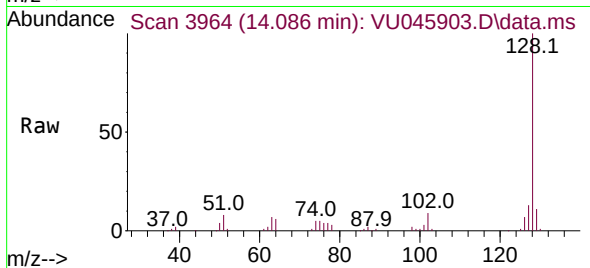
Tgt Ion:180	Resp:	42082
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.4 114.6
145	31.3	25.6 38.4



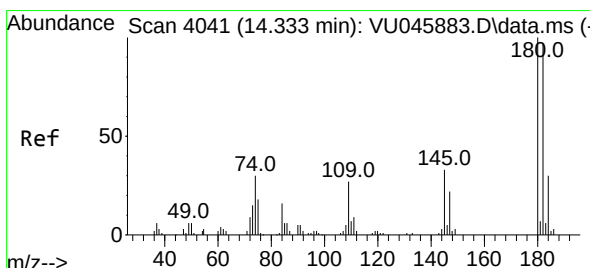
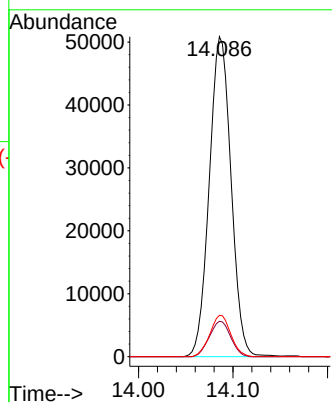
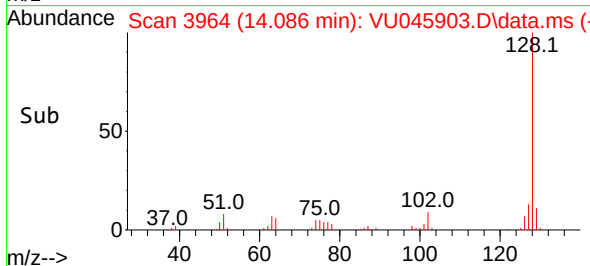


#71
Naphthalene
Concen: 4.651 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00

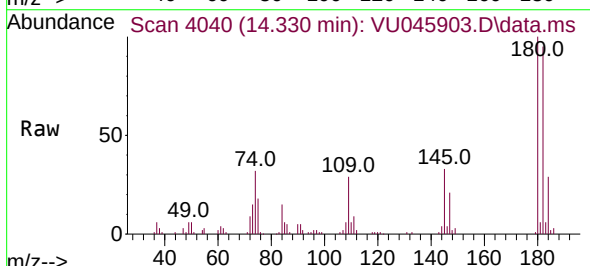
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 81341
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.007 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045903.D
Acq: 19 Nov 2021 19:00



Tgt Ion:180 Resp: 42410
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.4
145 33.4 28.4 42.6

