

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045949.D
 Acq On : 23 Nov 2021 12:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 00:17:50 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	99520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	51987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40397	5.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.400%	
7) Chloroethane-d5	1.919	69	29733	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.600%	
11) 1,1-Dichloroethene-d2	2.571	65	16502	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 99.800%	
20) 2-Butanone-d5	4.652	46	118515	56.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 112.180%	
24) Chloroform-d	5.070	84	66596	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.400%	
26) 1,2-Dichloroethane-d4	5.706	65	38436	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.800%	
32) Benzene-d6	5.732	84	137664	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.600%	
36) 1,2-Dichloropropane-d6	6.697	67	41291	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 95.800%	
41) Toluene-d8	7.902	98	126249	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%	
43) trans-1,3-Dichloroprop...	8.182	79	18414	5.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.200%	
46) 2-Hexanone-d5	8.639	63	90233	57.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 114.560%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39649	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	45946	5.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36809	4.543	ug/L	99
3) Chloromethane	1.520	50	35604	4.146	ug/L	98
5) Vinyl chloride	1.607	62	37344	4.333	ug/L	98
6) Bromomethane	1.861	94	22373	4.377	ug/L	98
8) Chloroethane	1.938	64	23018	4.684	ug/L	98
9) Trichlorofluoromethane	2.144	101	53854	4.840	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31147	4.774	ug/L	97
12) 1,1-Dichloroethene	2.584	96	29213	4.742	ug/L	95
13) Acetone	2.681	43	61780	49.675	ug/L	98
14) Carbon disulfide	2.800	76	79783	4.095	ug/L	99
15) Methyl Acetate	2.967	43	16820	5.512	ug/L	98
16) Methylene chloride	3.054	84	36501	4.013	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	85567	5.335	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	30345	4.595	ug/L	94
19) 1,1-Dichloroethane	3.877	63	58408	4.721	ug/L	99
21) 2-Butanone	4.732	43	119431	57.074	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	35402	4.944	ug/L	98
23) Bromochloromethane	4.980	128	16503	5.288	ug/L	95
25) Chloroform	5.092	83	62366	4.647	ug/L	98

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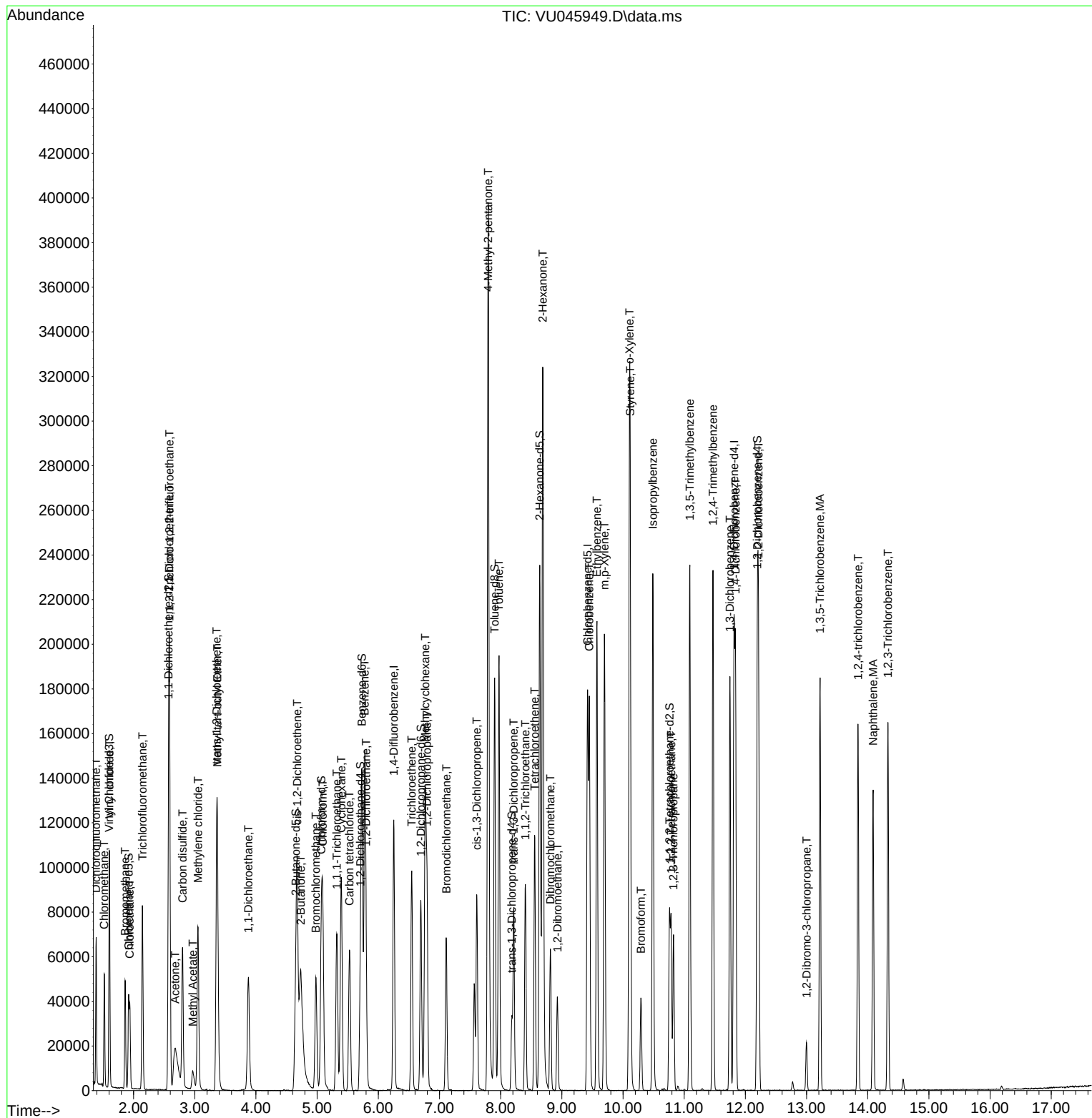
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42889	5.008	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	53104	4.920	ug/L	99
30) Cyclohexane	5.395	56	48097	4.493	ug/L	97
31) Carbon tetrachloride	5.530	117	43271	4.768	ug/L	100
33) Benzene	5.777	78	131351	4.738	ug/L	100
34) Trichloroethene	6.546	95	34279	4.798	ug/L	97
35) Methylcyclohexane	6.767	83	54017	4.923	ug/L	97
37) 1,2-Dichloropropane	6.796	63	35110	4.813	ug/L	100
38) Bromodichloromethane	7.112	83	45386	5.042	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	53271	5.139	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	270815	56.596	ug/L	98
42) Toluene	7.973	91	143794	5.025	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	47337	5.249	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	28545	5.271	ug/L	96
47) Tetrachloroethene	8.555	164	24986	4.996	ug/L	98
48) 2-Hexanone	8.687	43	205715	59.510	ug/L	98
49) Dibromochloromethane	8.812	129	32341	5.243	ug/L	99
50) 1,2-Dibromoethane	8.928	107	27811	5.451	ug/L	97
51) Chlorobenzene	9.449	112	92292	5.142	ug/L	98
52) Ethylbenzene	9.574	91	156366	5.221	ug/L	100
53) m,p-Xylene	9.697	106	61013	5.318	ug/L	94
54) o-Xylene	10.105	106	59463	5.371	ug/L	94
55) Styrene	10.118	104	101298	5.435	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	38250	5.514	ug/L	95
59) Bromoform	10.295	173	18655	5.418	ug/L	98
60) Isopropylbenzene	10.488	105	158971	5.209	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29082	5.389	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	131248	5.259	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	133595	5.343	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	74702	5.247	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73940	5.112	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	71478	5.236	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5904	5.258	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	54816	5.147	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47702	5.293	ug/L	100
71) Naphthalene	14.089	128	104371	5.637	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	47693	5.318	ug/L	98

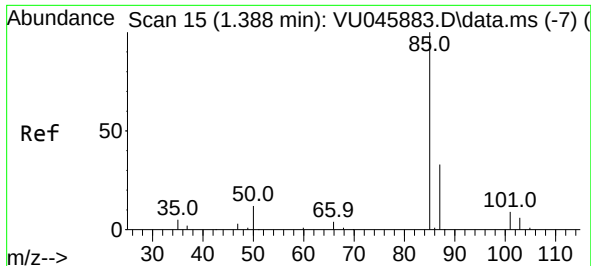
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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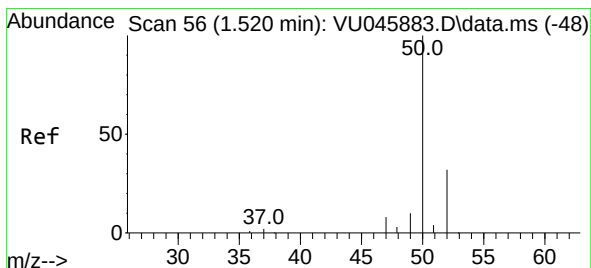
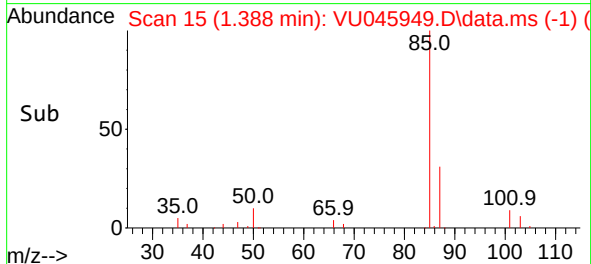
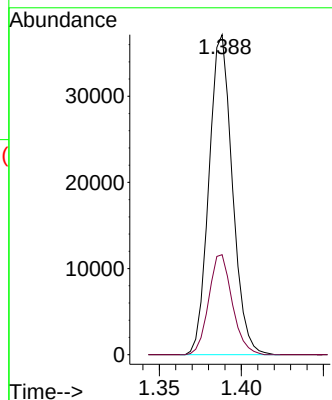
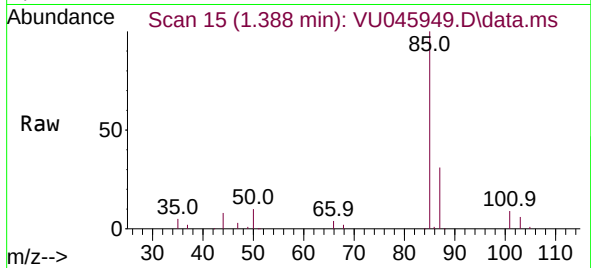




#2
 Dichlorodifluoromethane
 Concen: 4.543 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

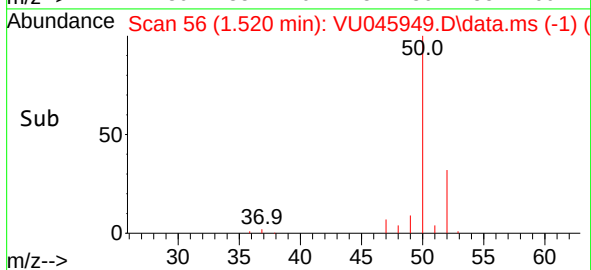
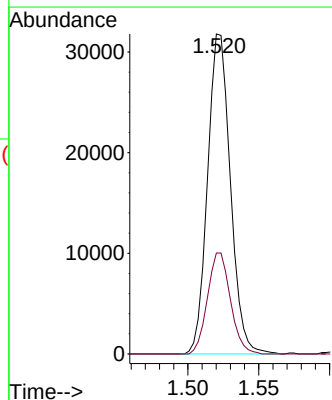
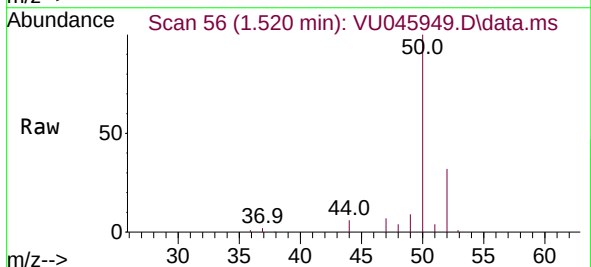
Instrument :
 MSVOA_U
 ClientSampleId :

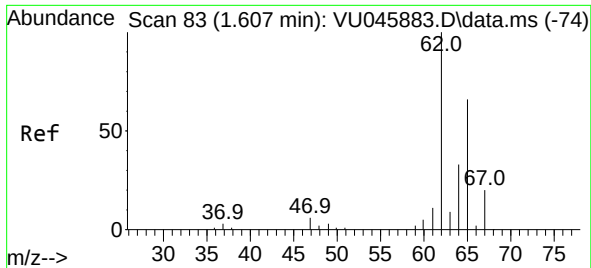
Tgt Ion: 85 Resp: 36809
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.6



#3
 Chloromethane
 Concen: 4.146 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

Tgt Ion: 50 Resp: 35604
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.8

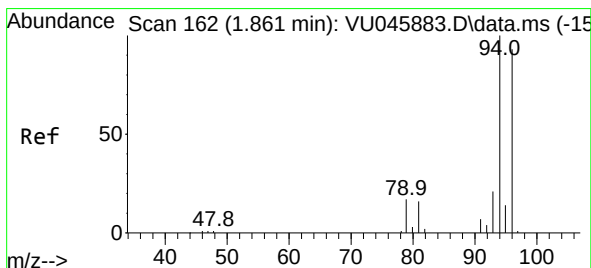
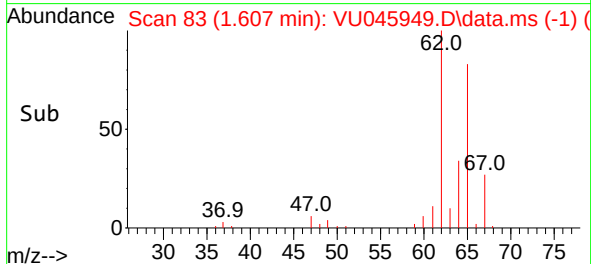
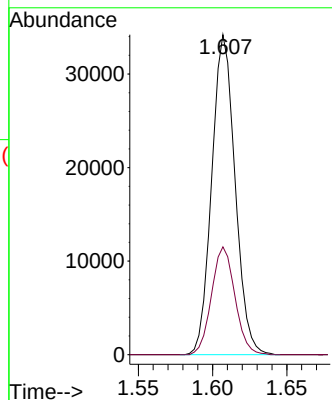
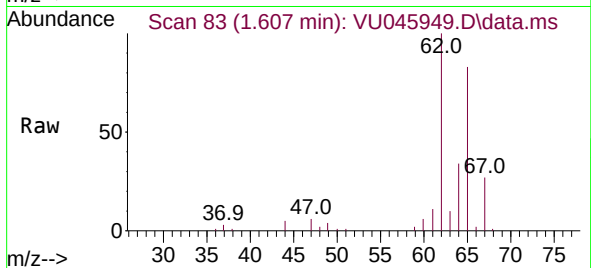




#5
 Vinyl chloride
 Concen: 4.333 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

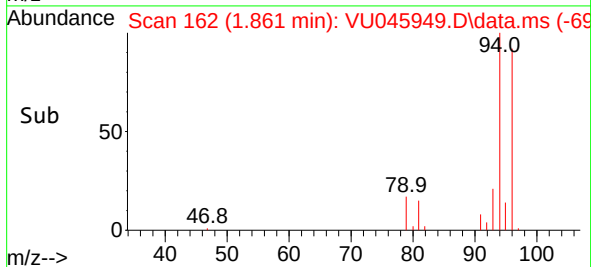
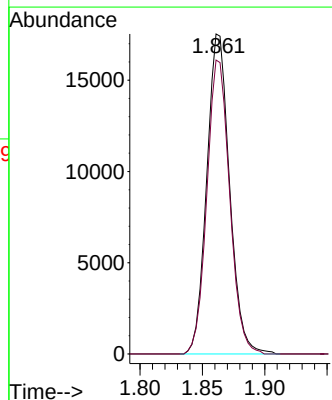
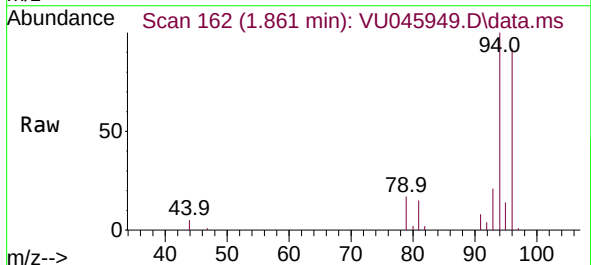
Instrument :
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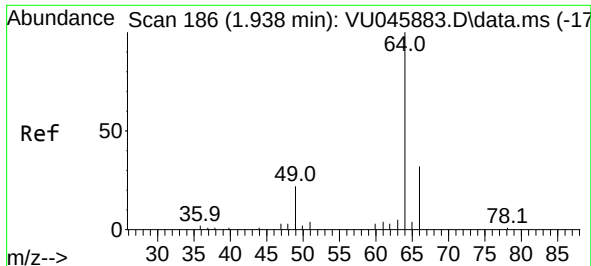
Tgt Ion: 62 Resp: 37344
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.9 42.5



#6
 Bromomethane
 Concen: 4.377 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

Tgt Ion: 94 Resp: 22373
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.5 121.6

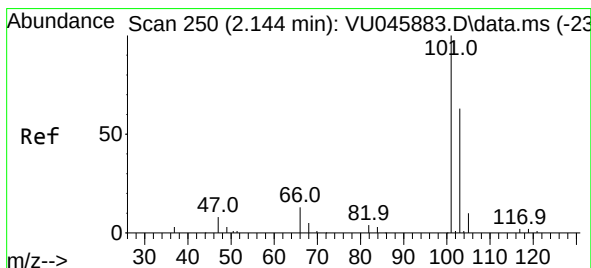
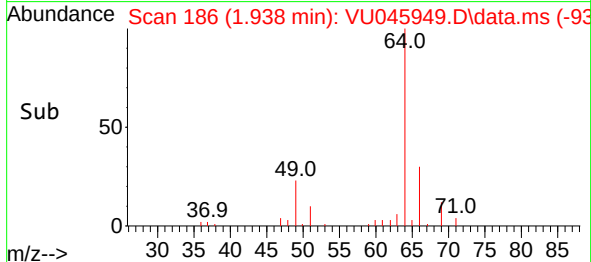
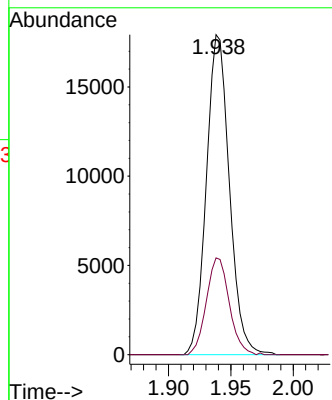
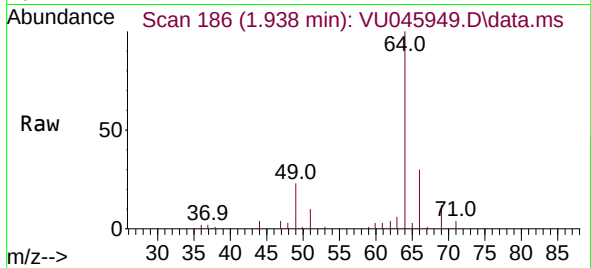




#8
Chloroethane
Concen: 4.684 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

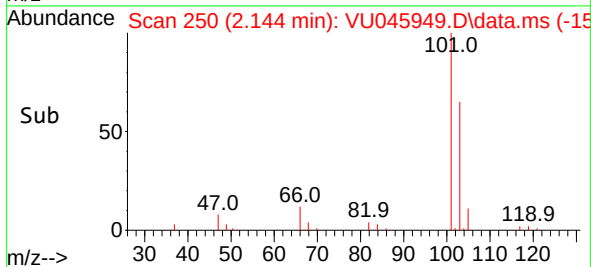
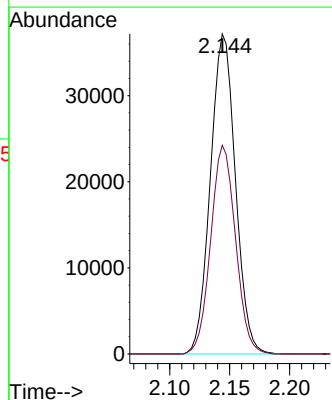
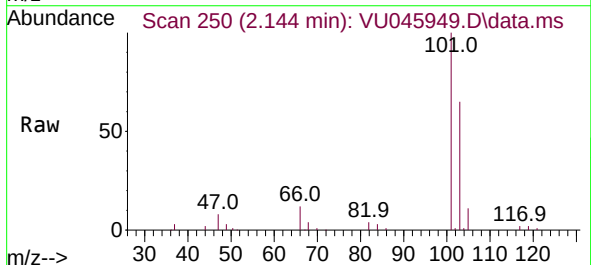
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ClientSampleId :

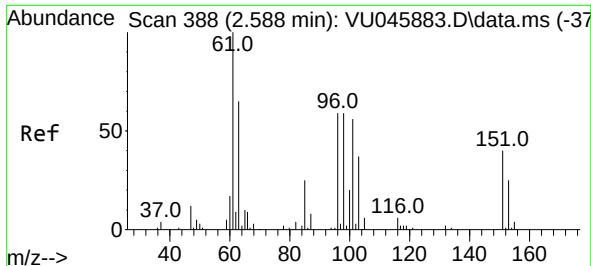
Tgt Ion: 64 Resp: 23018
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.840 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion:101 Resp: 53854
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3





#10

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

Concen: 4.774 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

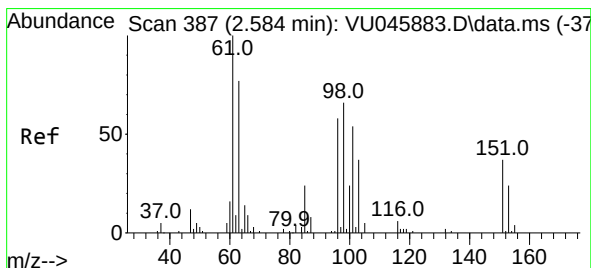
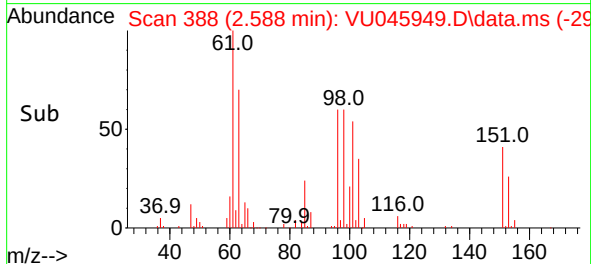
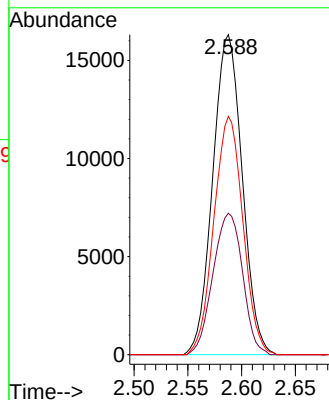
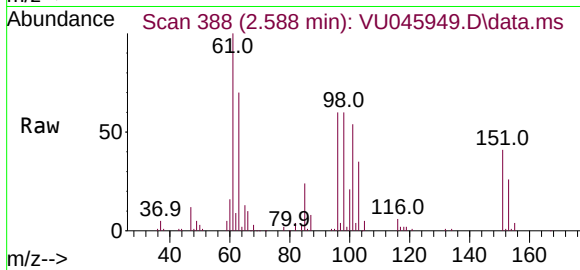
Tgt Ion:101 Resp: 31147

Ion Ratio Lower Upper

101 100

85 44.4 34.6 51.8

151 73.3 56.1 84.1



#12

1,1-Dichloroethene

Concen: 4.742 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

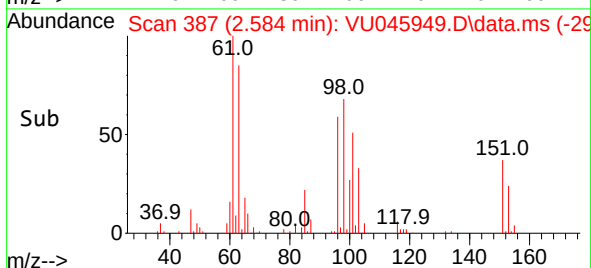
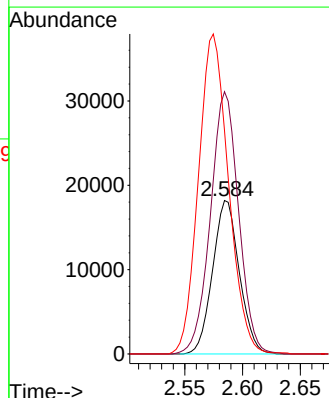
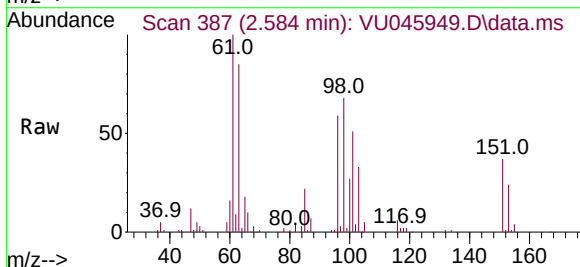
Tgt Ion: 96 Resp: 29213

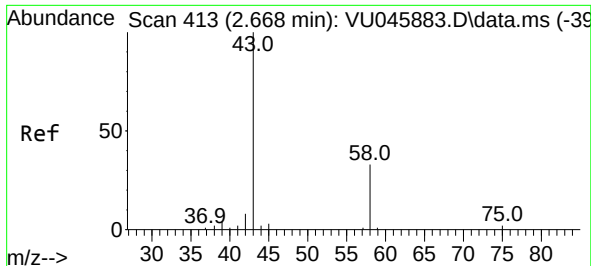
Ion Ratio Lower Upper

96 100

61 170.9 124.7 231.5

63 145.5 105.2 195.4





#13

Acetone

Concen: 49.675 ug/L

RT: 2.681 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

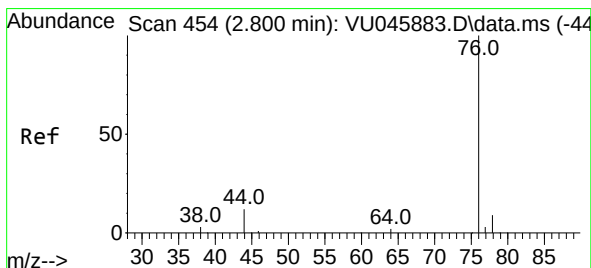
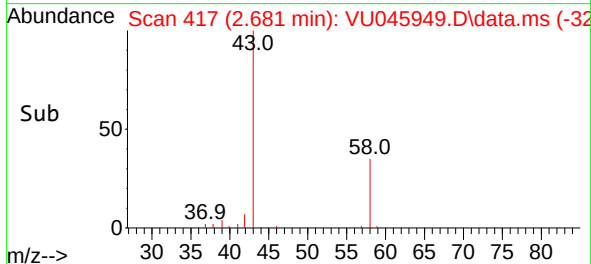
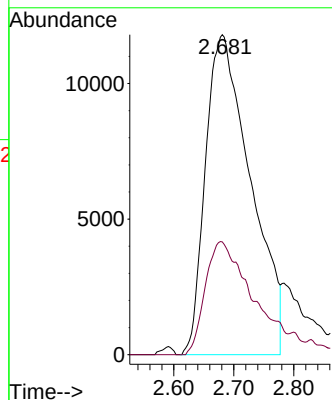
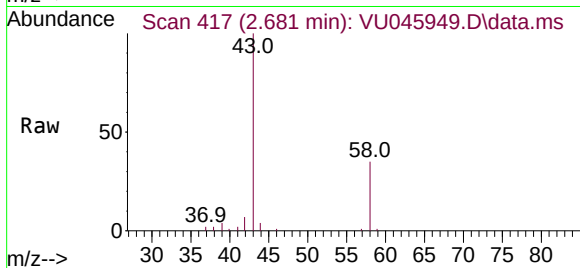
ClientSampleId :

Tgt Ion: 43 Resp: 61780

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.095 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU045949.D

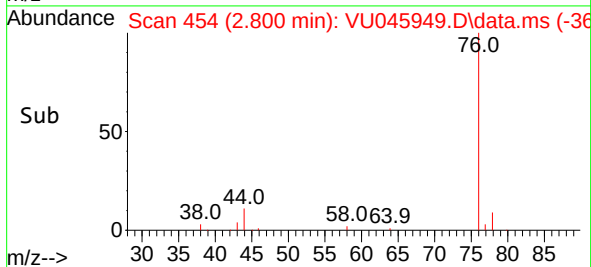
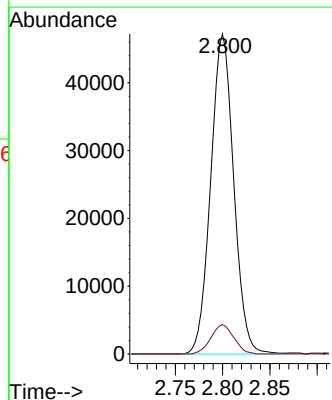
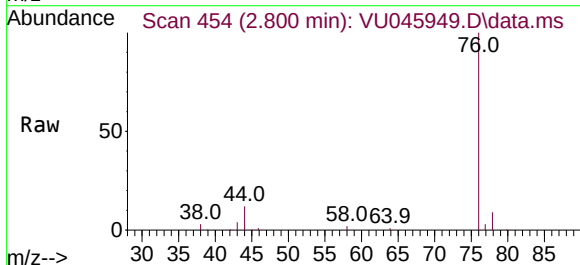
Acq: 23 Nov 2021 12:09

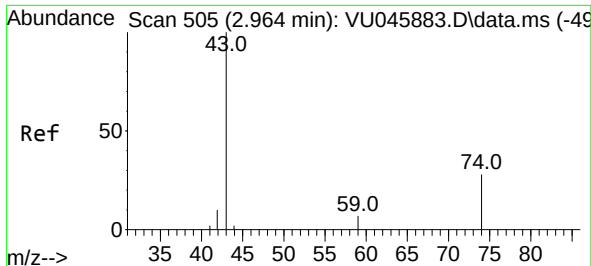
Tgt Ion: 76 Resp: 79783

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

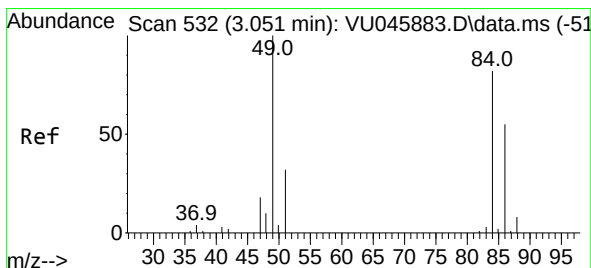
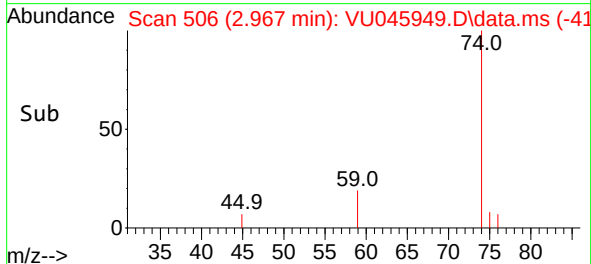
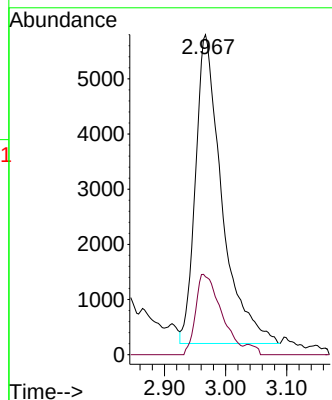
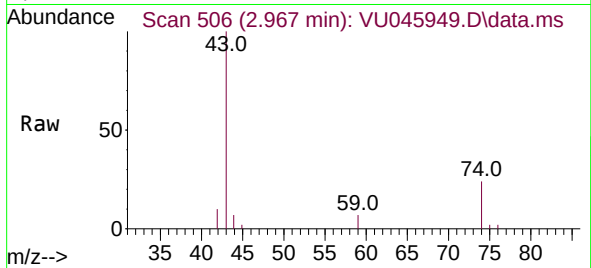




#15
Methyl Acetate
Concen: 5.512 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

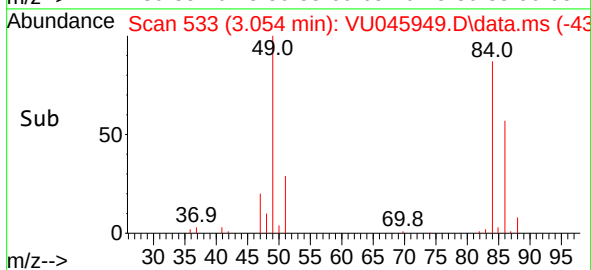
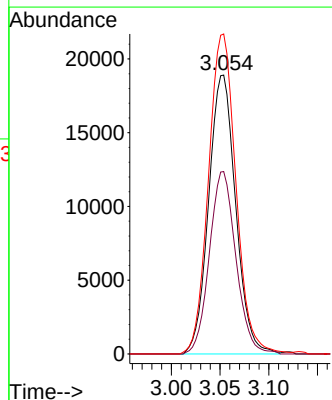
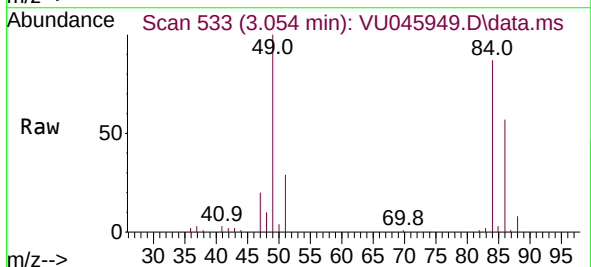
Instrument :
MSVOA_U
ClientSampleId :

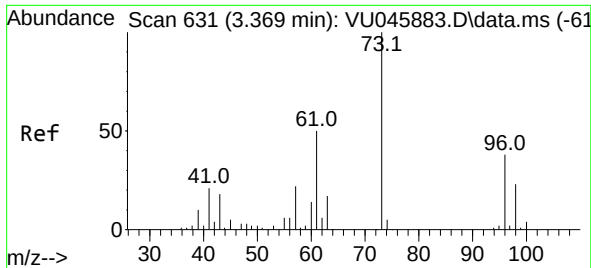
Tgt Ion: 43 Resp: 16820
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7



#16
Methylene chloride
Concen: 4.013 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion: 84 Resp: 36501
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 114.8 84.5 156.9

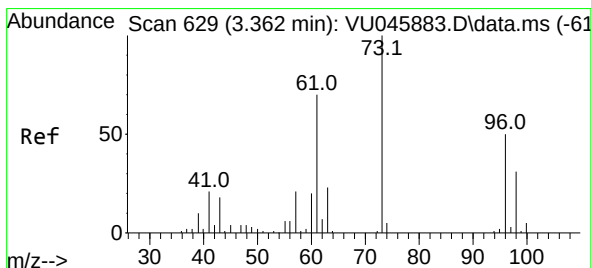
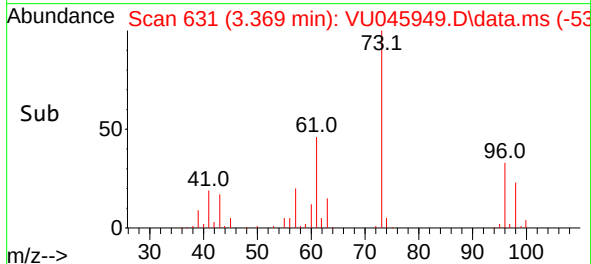
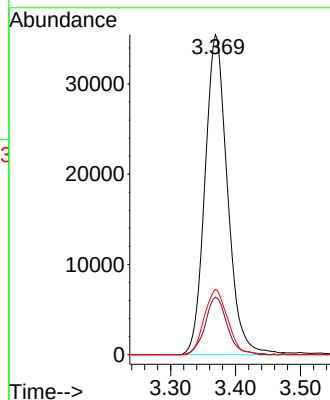
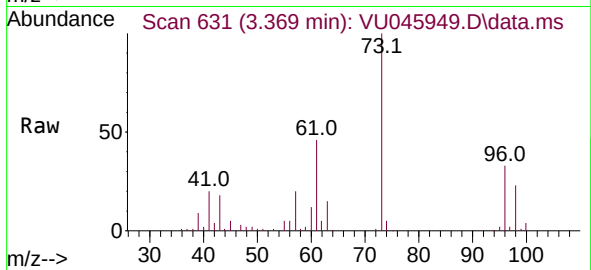




#17
Methyl tert-butyl Ether
Concen: 5.335 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

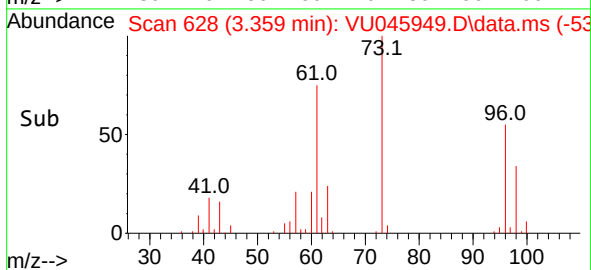
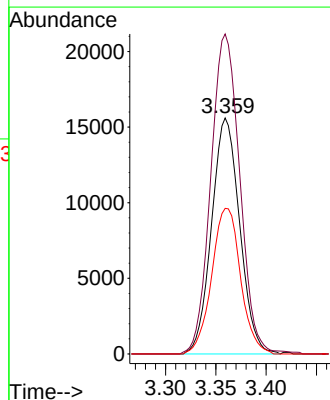
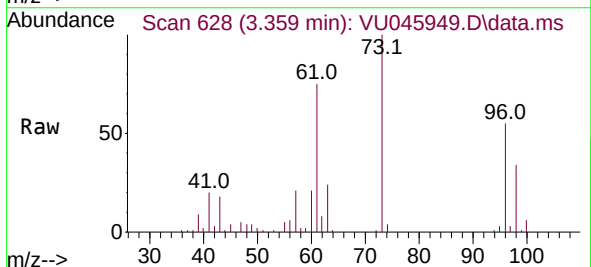
Instrument :
MSVOA_U
ClientSampleId :

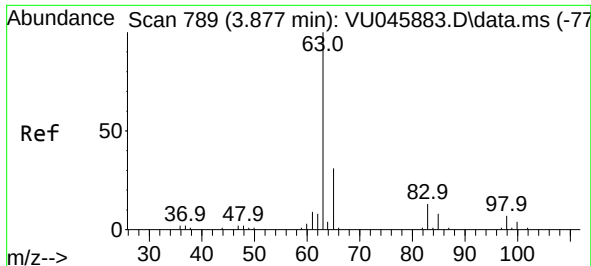
Tgt Ion: 73 Resp: 85567
Ion Ratio Lower Upper
73 100
43 17.6 14.8 22.2
57 21.3 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.595 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion: 96 Resp: 30345
Ion Ratio Lower Upper
96 100
61 135.6 100.8 187.2
98 61.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.721 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU045949.D

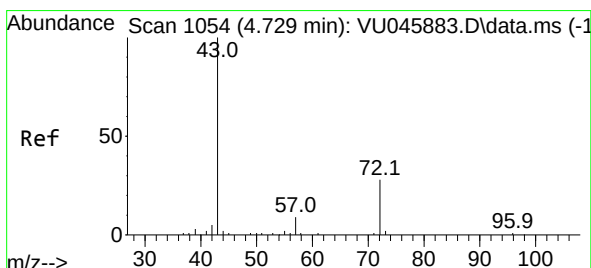
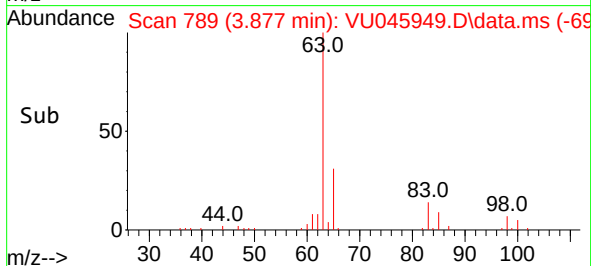
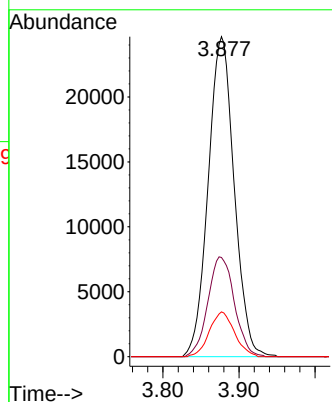
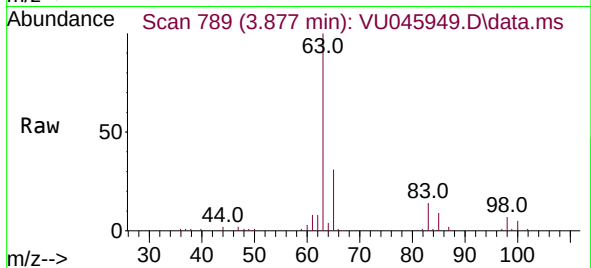
Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	58408
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	14.0	9.6	17.8



#21

2-Butanone

Concen: 57.074 ug/L

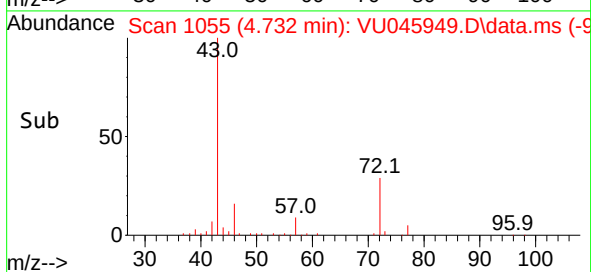
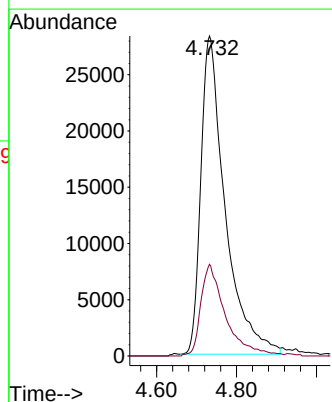
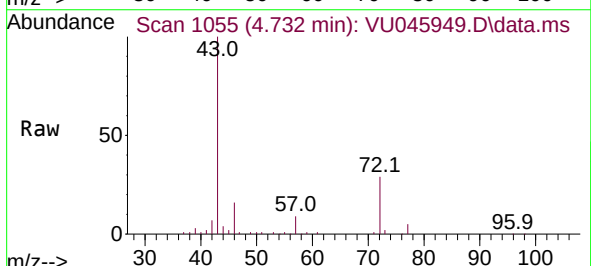
RT: 4.732 min Scan# 1055

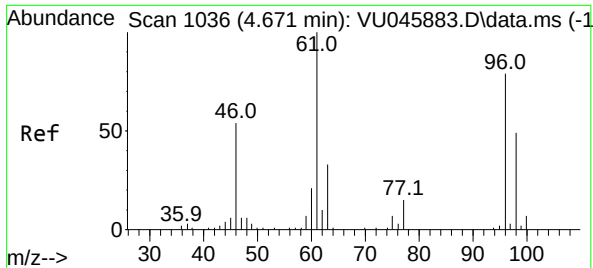
Delta R.T. 0.003 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Tgt Ion:	43	Resp:	119431
Ion	Ratio	Lower	Upper
43	100		
72	29.2	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.944 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

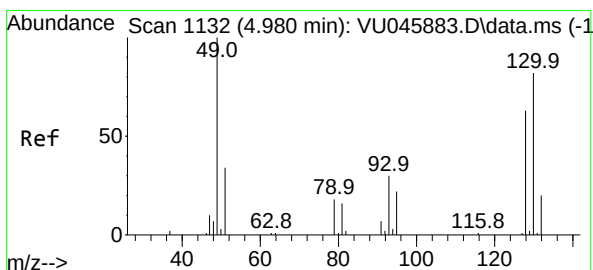
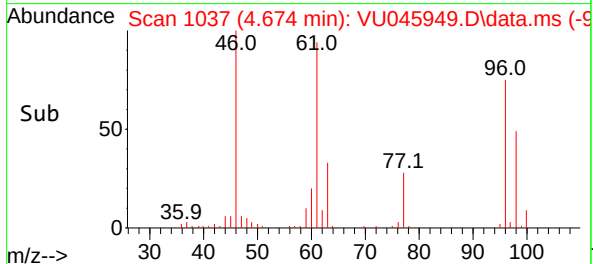
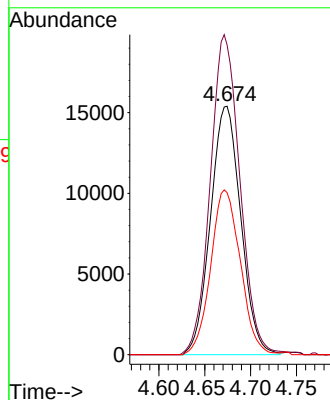
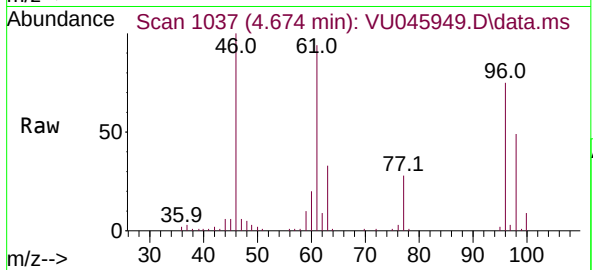
Tgt Ion: 96 Resp: 35402

Ion Ratio Lower Upper

96 100

61 124.7 88.5 164.3

98 65.3 44.4 82.5



#23

Bromochloromethane

Concen: 5.288 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Tgt Ion: 128 Resp: 16503

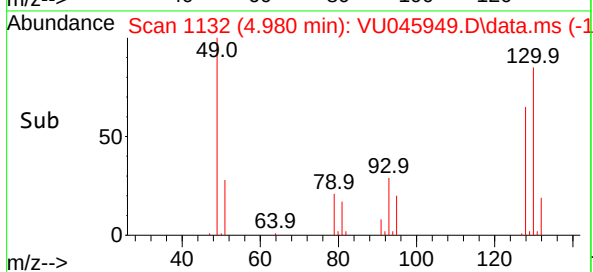
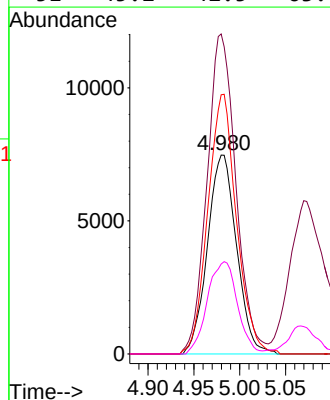
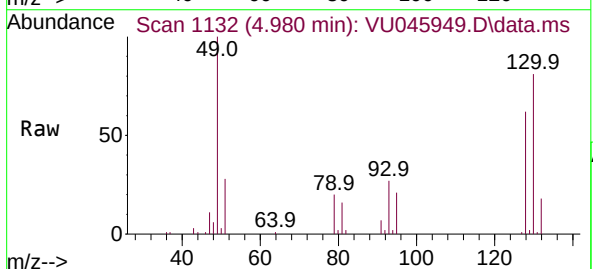
Ion Ratio Lower Upper

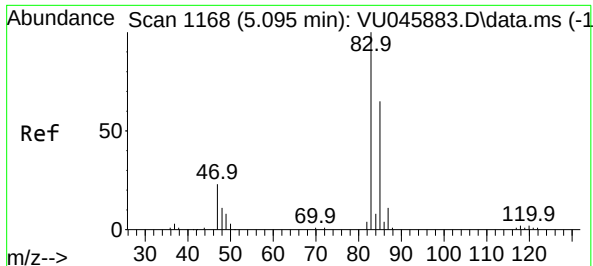
128 100

49 160.9 117.0 217.2

130 130.3 88.2 163.8

51 45.2 42.5 63.7





#25

Chloroform

Concen: 4.647 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

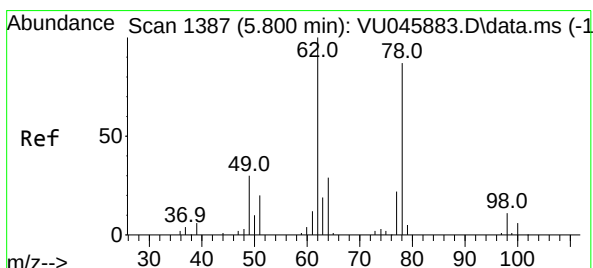
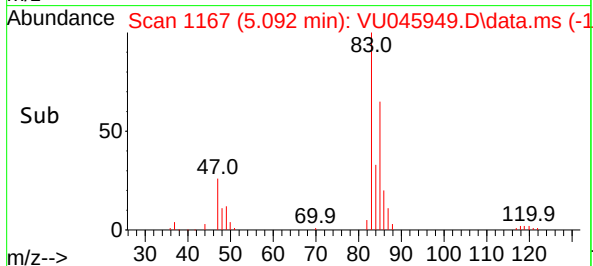
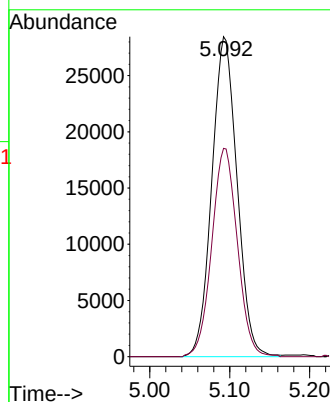
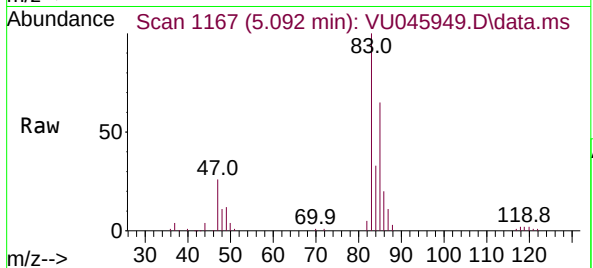
ClientSampleId :

Tgt Ion: 83 Resp: 62366

Ion Ratio Lower Upper

83 100

85 65.1 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.008 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045949.D

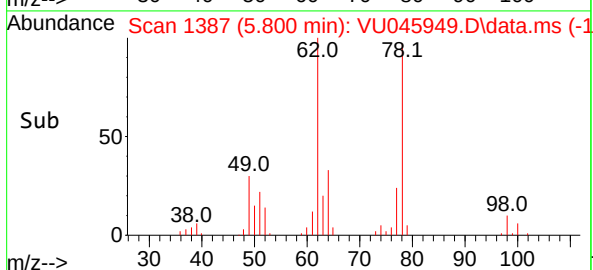
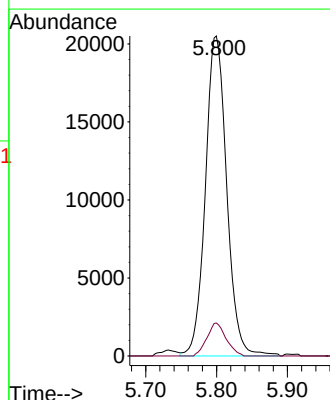
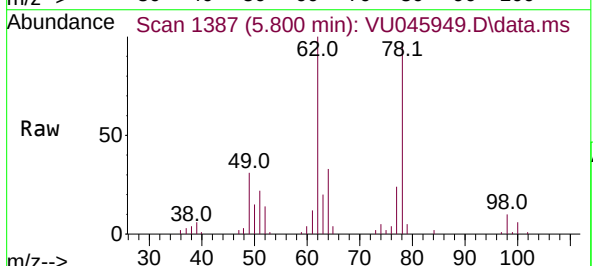
Acq: 23 Nov 2021 12:09

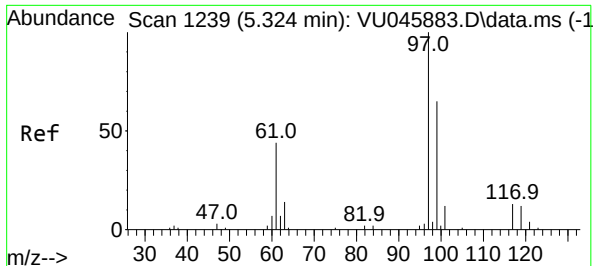
Tgt Ion: 62 Resp: 42889

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.920 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU045949.D

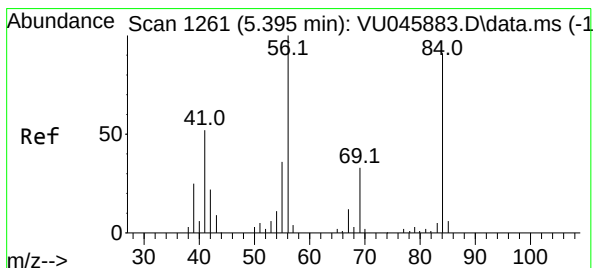
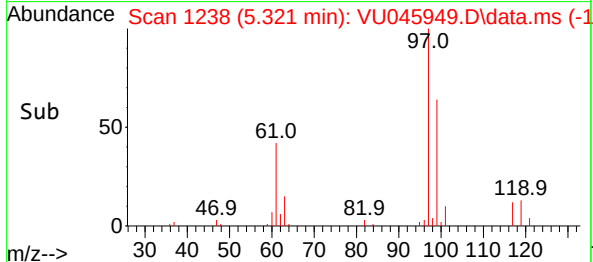
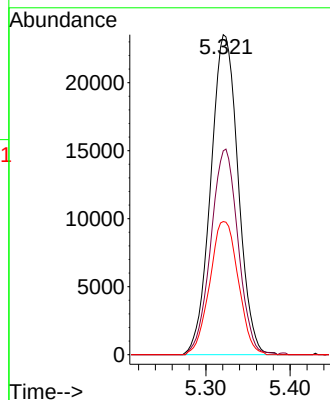
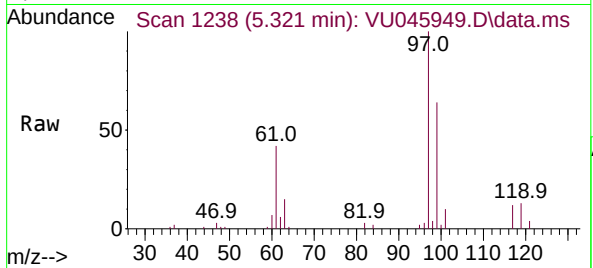
Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97	Resp: 53104
Ion Ratio	Lower Upper
97 100	
99 63.9	51.3 76.9
61 43.2	36.1 54.1



#30

Cyclohexane

Concen: 4.493 ug/L

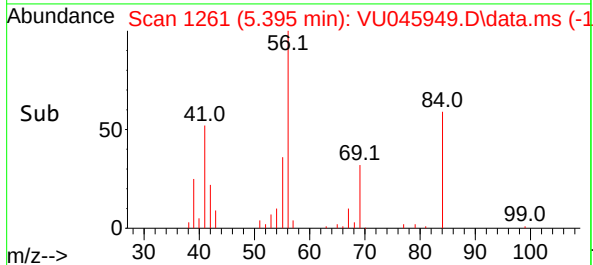
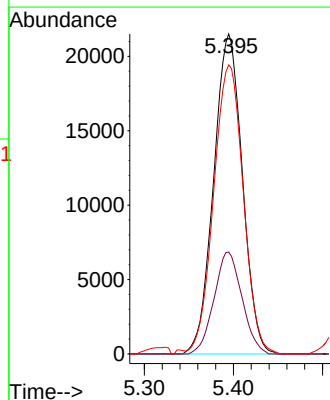
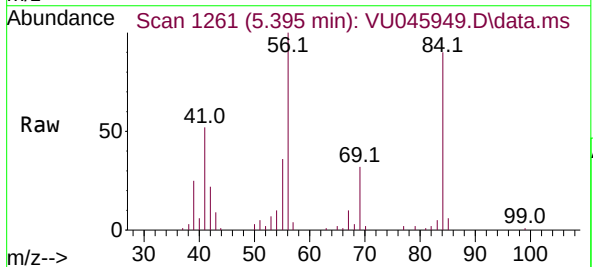
RT: 5.395 min Scan# 1261

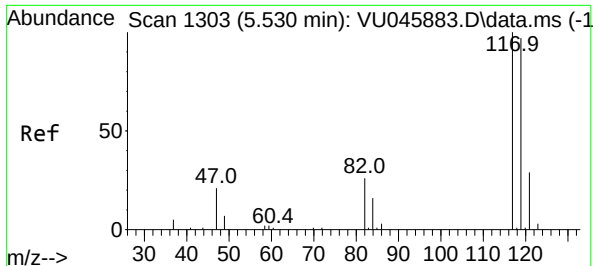
Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Tgt Ion: 56	Resp: 48097
Ion Ratio	Lower Upper
56 100	
69 31.0	24.7 37.1
84 93.2	71.8 107.6

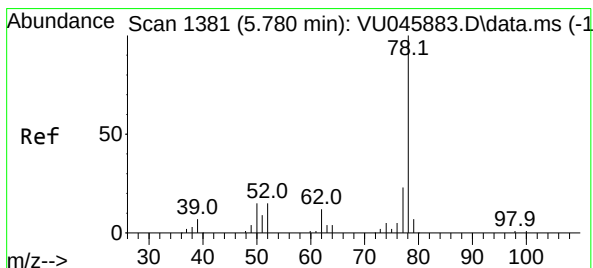
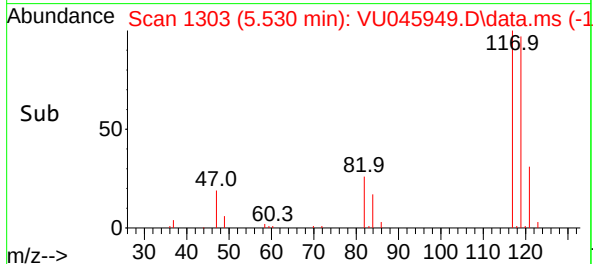
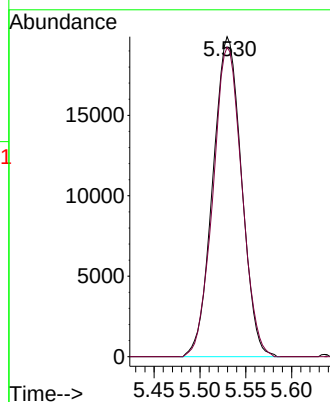
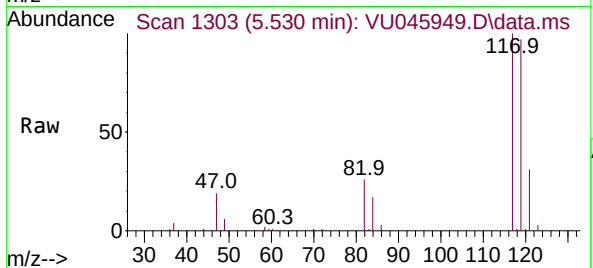




#31
Carbon tetrachloride
Concen: 4.768 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

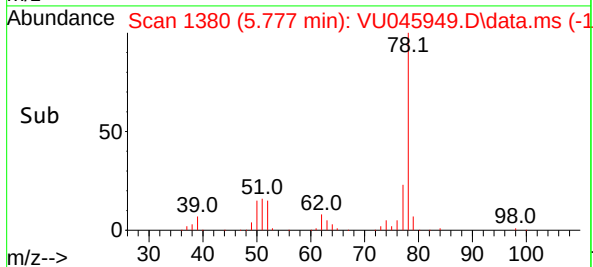
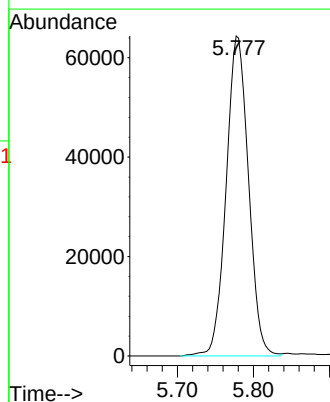
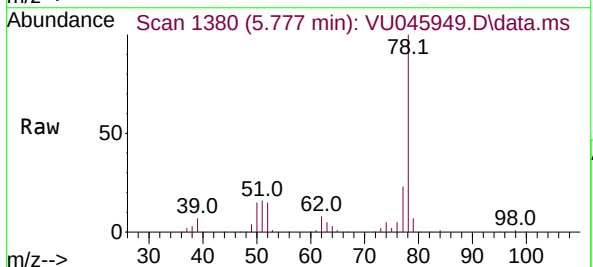
Instrument :
MSVOA_U
ClientSampleId :

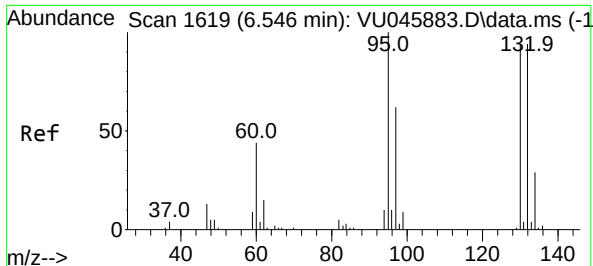
Tgt Ion:117 Resp: 43271
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 4.738 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion: 78 Resp: 131351





#34

Trichloroethene

Concen: 4.798 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 34279

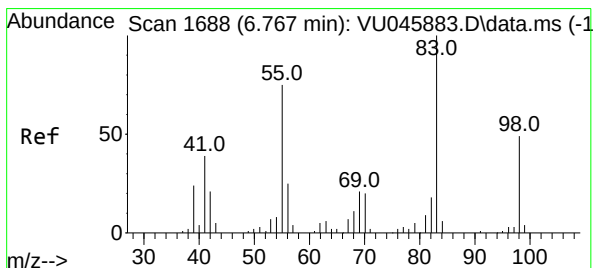
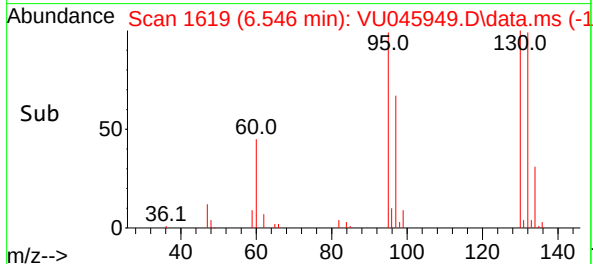
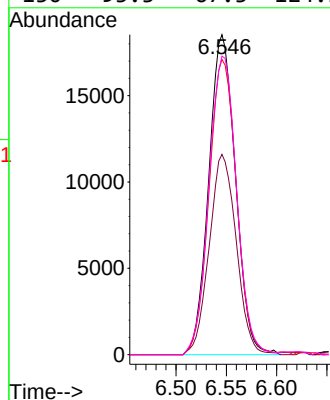
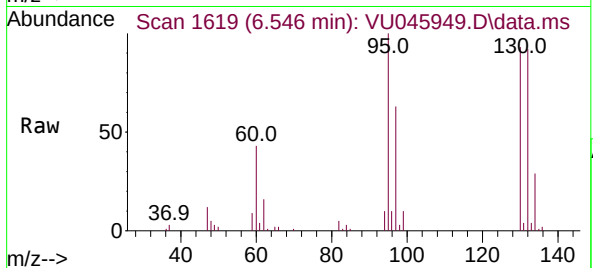
Ion Ratio Lower Upper

95 100

97 62.6 46.5 86.5

132 92.3 65.1 120.9

130 93.3 67.3 124.9



#35

Methylcyclohexane

Concen: 4.923 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

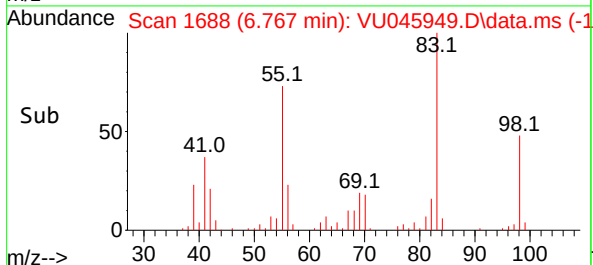
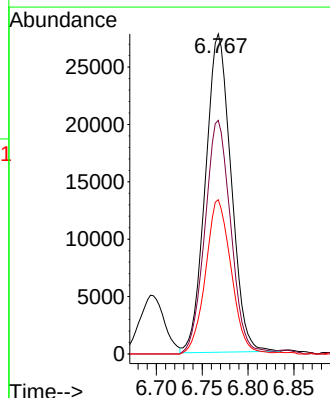
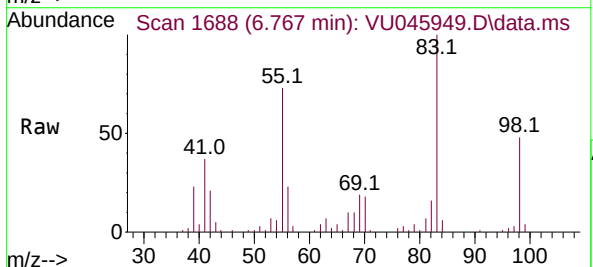
Tgt Ion: 83 Resp: 54017

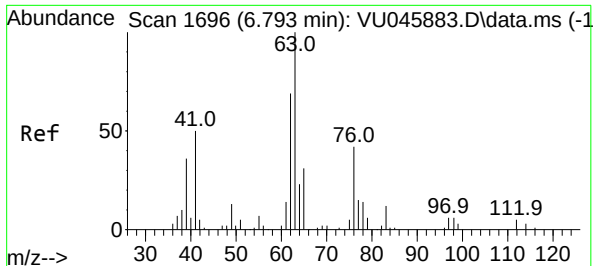
Ion Ratio Lower Upper

83 100

55 74.1 61.9 92.9

98 48.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.813 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

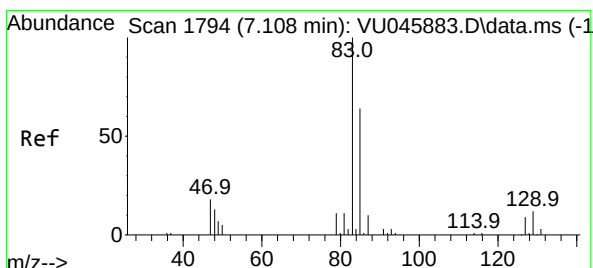
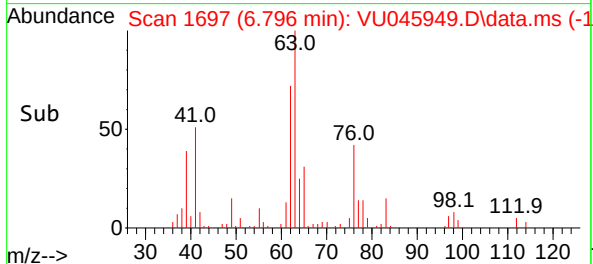
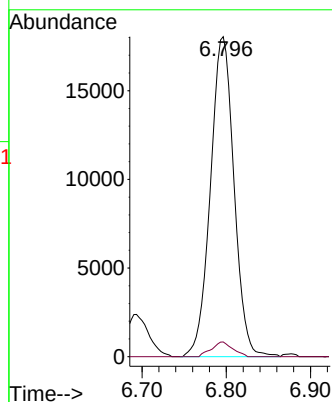
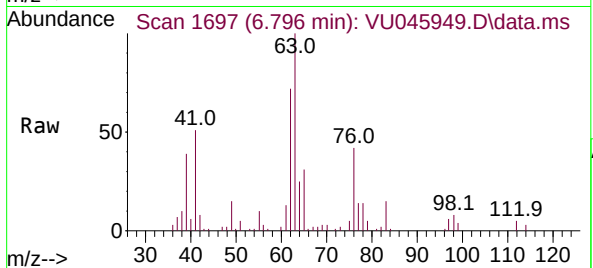
ClientSampleId :

Tgt Ion: 63 Resp: 35110

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.042 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

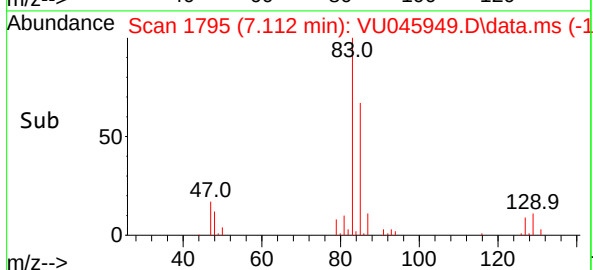
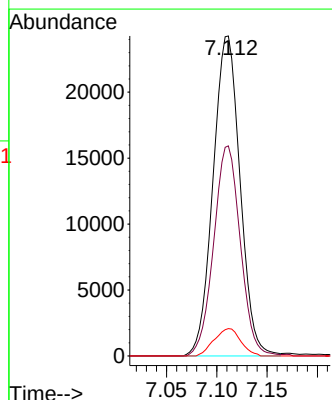
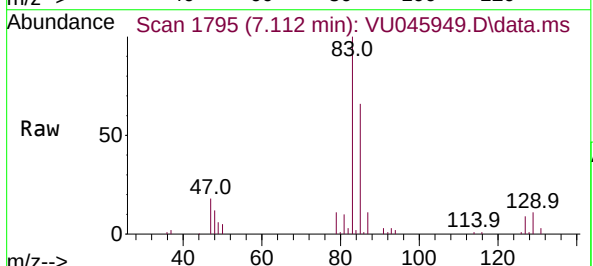
Tgt Ion: 83 Resp: 45386

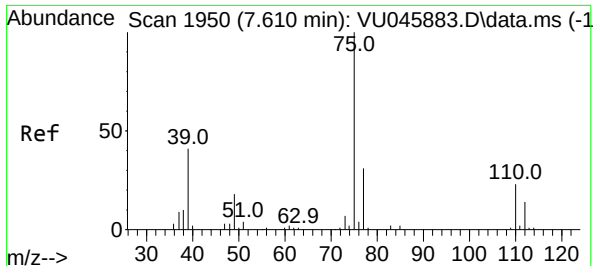
Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.8

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.139 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

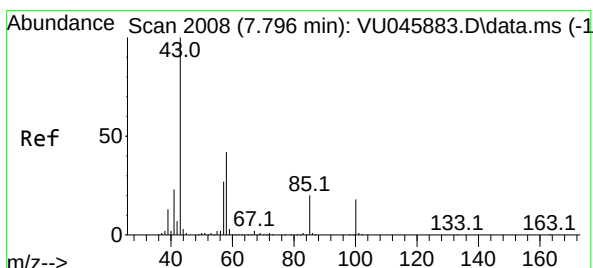
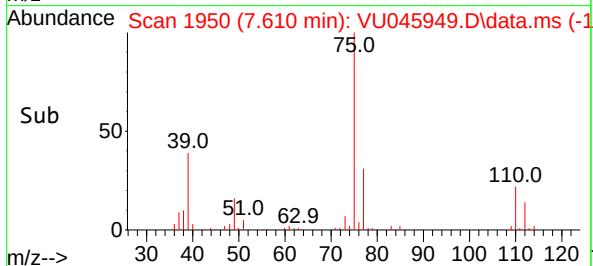
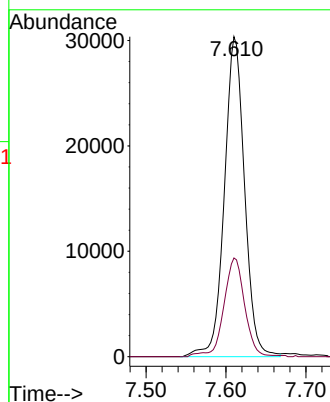
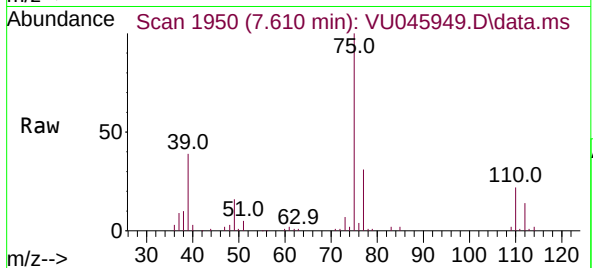
ClientSampleId :

Tgt Ion: 75 Resp: 53271

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.596 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

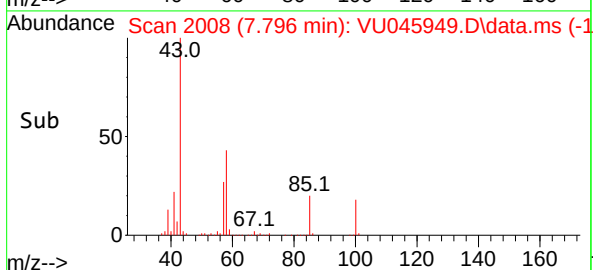
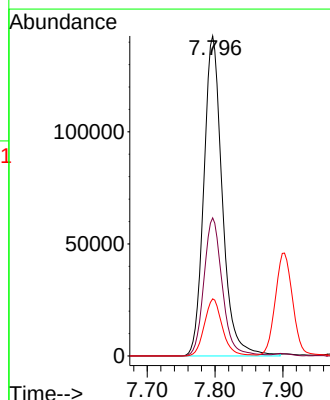
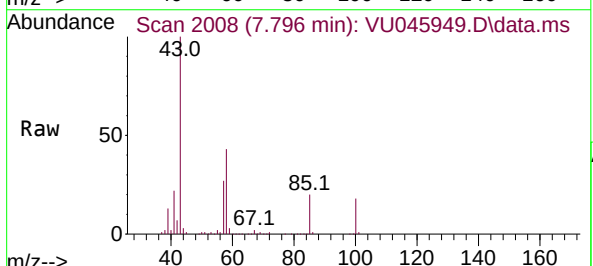
Tgt Ion: 43 Resp: 270815

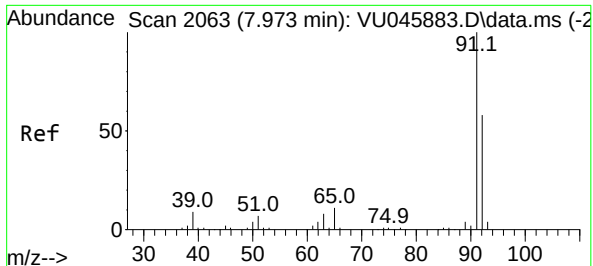
Ion Ratio Lower Upper

43 100

58 43.0 33.1 49.7

100 17.4 13.2 19.8





#42

Toluene

Concen: 5.025 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

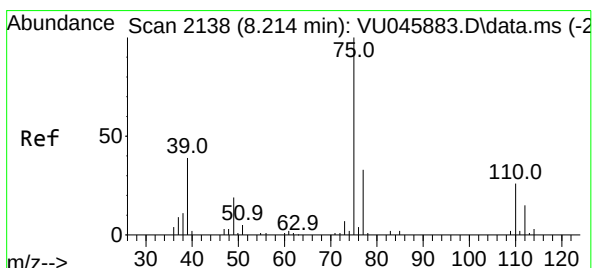
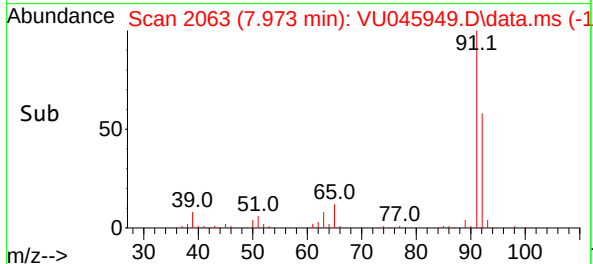
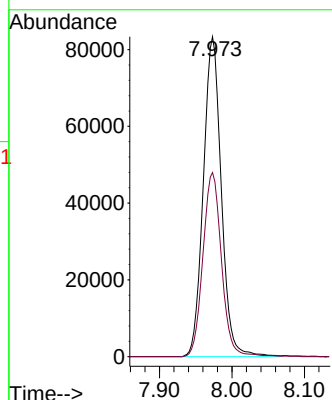
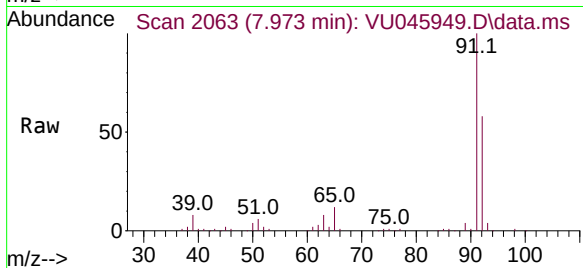
ClientSampleId :

Tgt Ion: 91 Resp: 143794

Ion Ratio Lower Upper

91 100

92 57.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.249 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045949.D

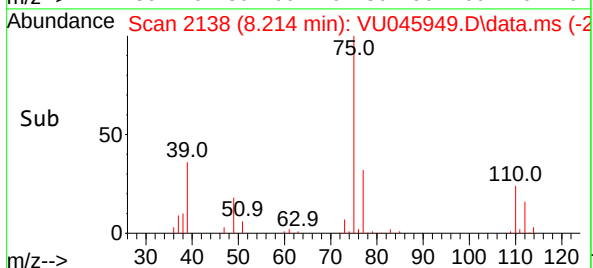
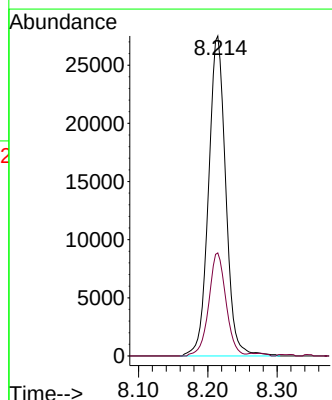
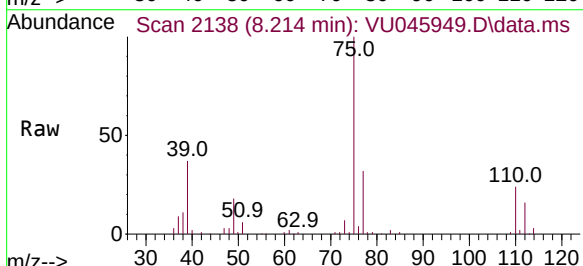
Acq: 23 Nov 2021 12:09

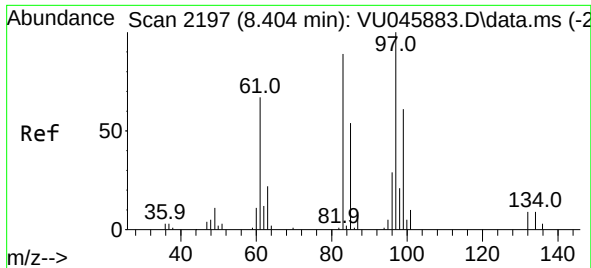
Tgt Ion: 75 Resp: 47337

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.3

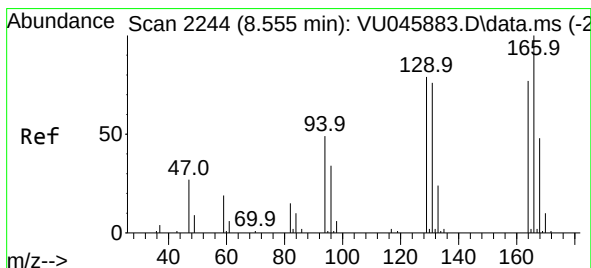
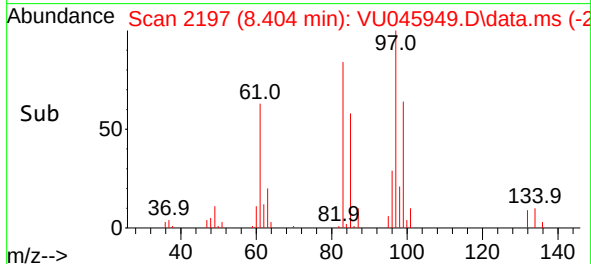
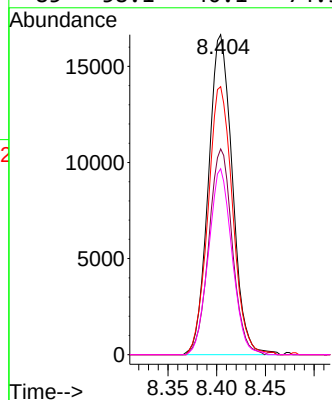
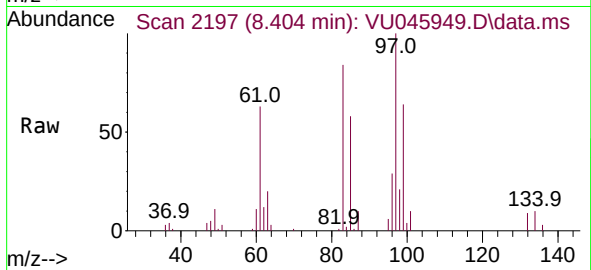




#45
1,1,2-Trichloroethane
Concen: 5.271 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

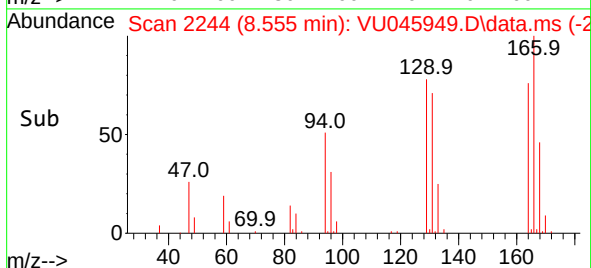
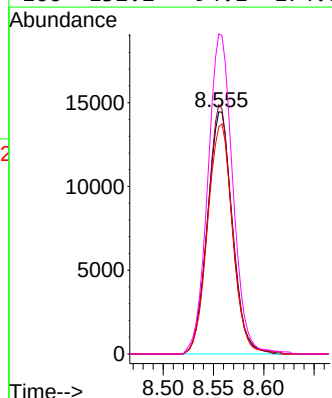
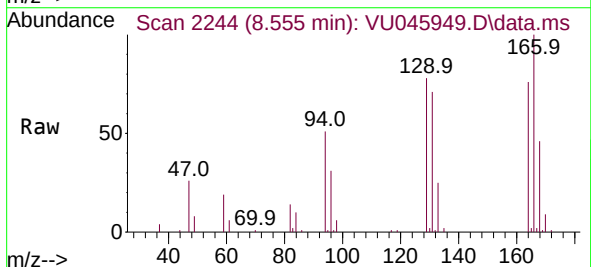
Instrument :
MSVOA_U
ClientSampleId :

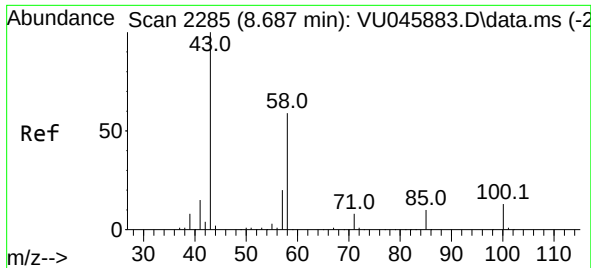
Tgt Ion: 97	Resp: 28545
Ion Ratio	Lower Upper
97 100	
99 64.3	42.3 78.5
83 83.8	62.0 115.2
85 58.1	40.1 74.5



#47
Tetrachloroethene
Concen: 4.996 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt	Ion:164	Resp:	24986
Ion	Ratio	Lower	Upper
164	100		
129	103.0	71.8	133.4
131	93.8	68.5	127.3
166	132.2	94.1	174.8



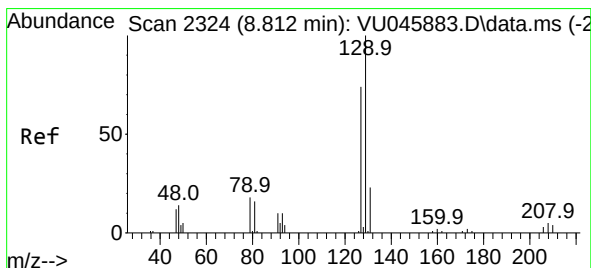
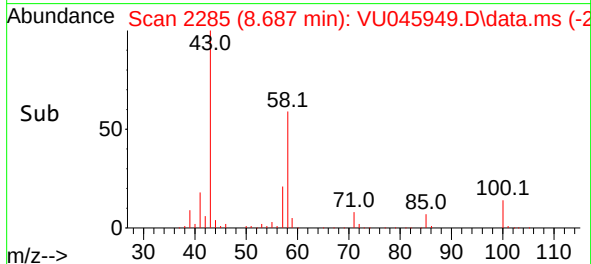
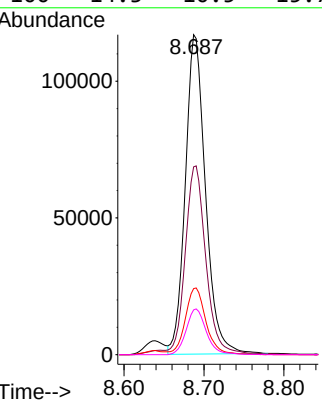
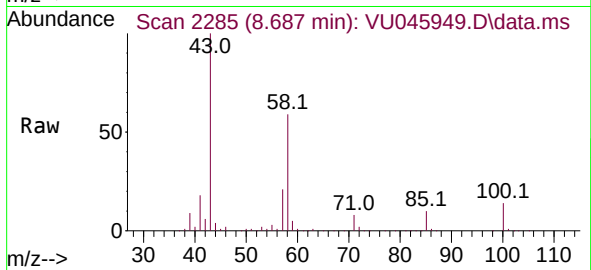


#48
2-Hexanone
Concen: 59.510 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 205715

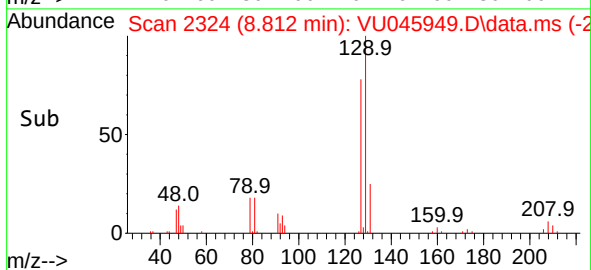
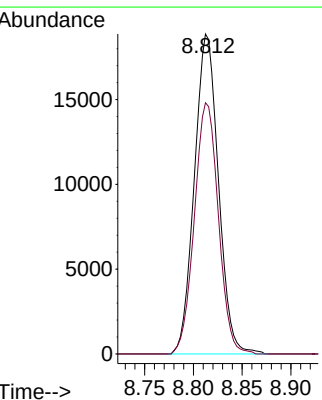
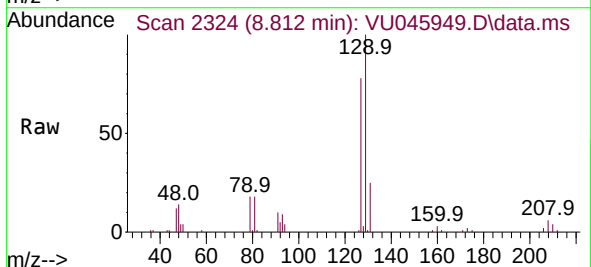
Ion	Ratio	Lower	Upper
43	100		
58	60.1	46.7	70.1
57	21.6	16.3	24.5
100	14.3	10.5	15.7

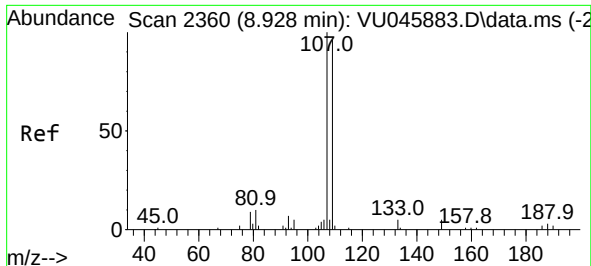


#49
Dibromochloromethane
Concen: 5.243 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion: 129 Resp: 32341

Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.451 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045949.D

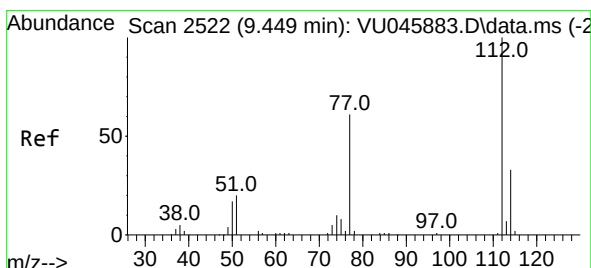
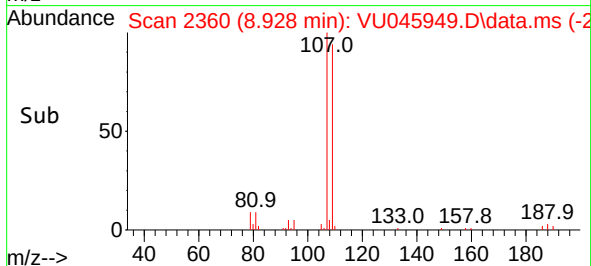
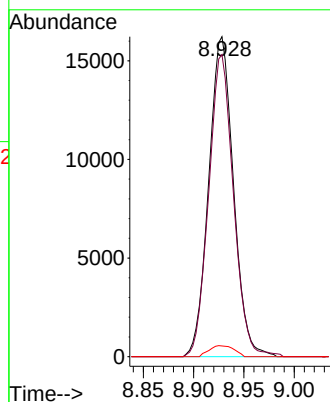
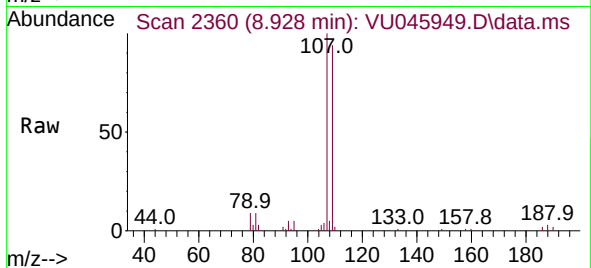
Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	27811
Ion	Ratio	Lower Upper
107	100	
109	94.4	64.0 119.0
188	3.3	2.4 3.6



#51

Chlorobenzene

Concen: 5.142 ug/L

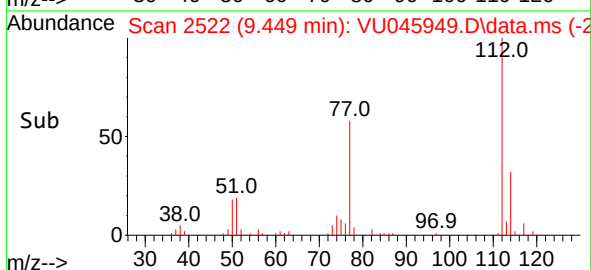
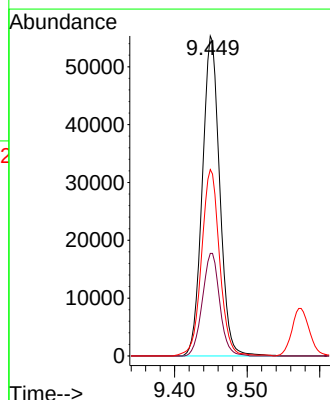
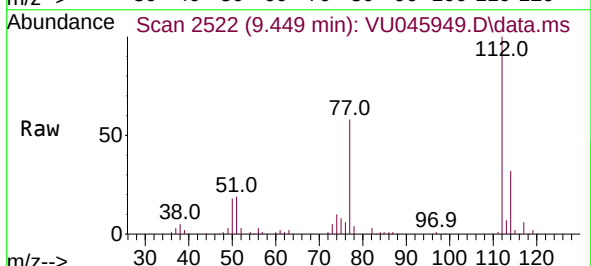
RT: 9.449 min Scan# 2522

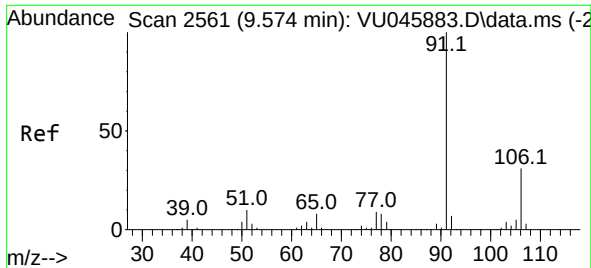
Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Tgt Ion:112	Resp:	92292
Ion	Ratio	Lower Upper
112	100	
114	32.0	22.1 41.1
77	58.2	48.3 72.5

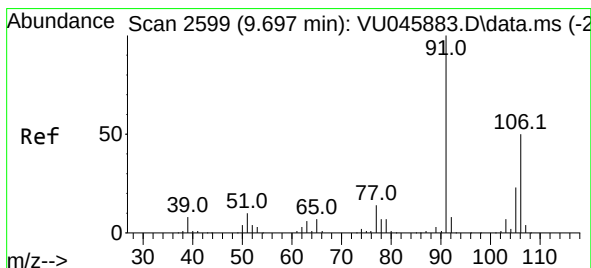
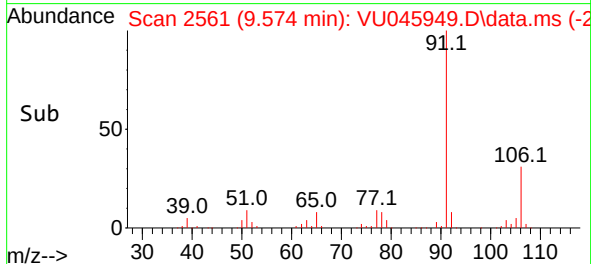
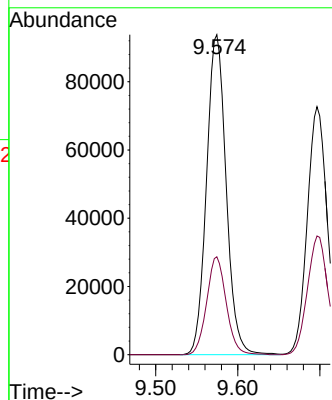
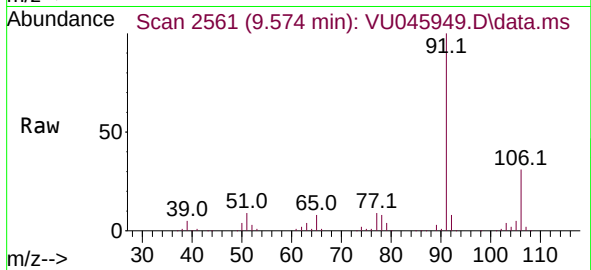




#52
Ethylbenzene
Concen: 5.221 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

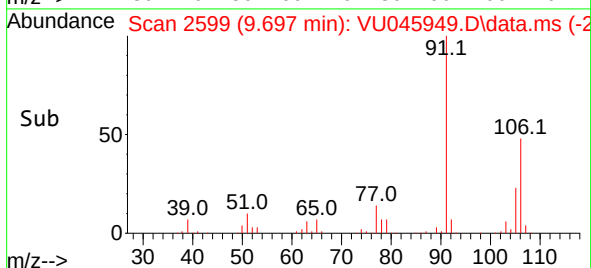
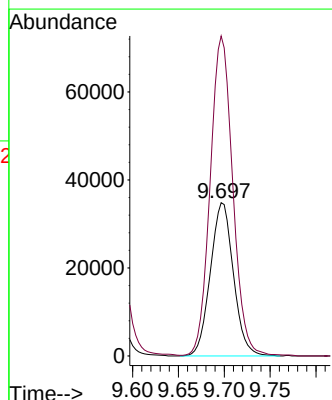
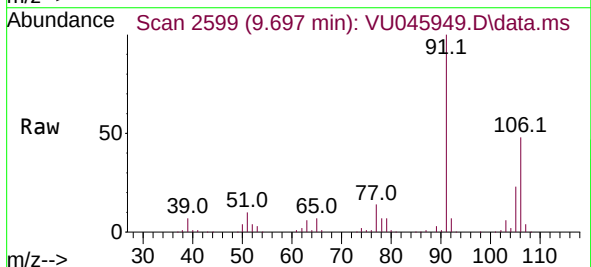
Instrument :
MSVOA_U
ClientSampleId :

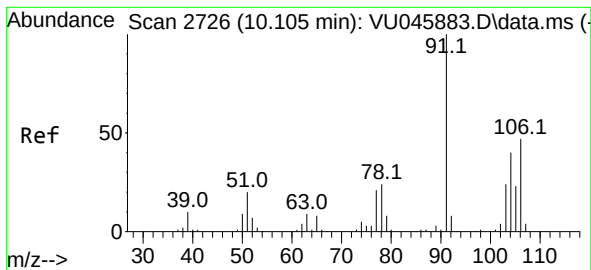
Tgt Ion: 91 Resp: 156366
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.318 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion:106 Resp: 61013
Ion Ratio Lower Upper
106 100
91 208.8 139.4 259.0





#54

o-Xylene

Concen: 5.371 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

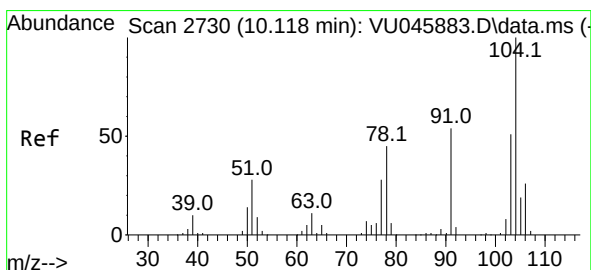
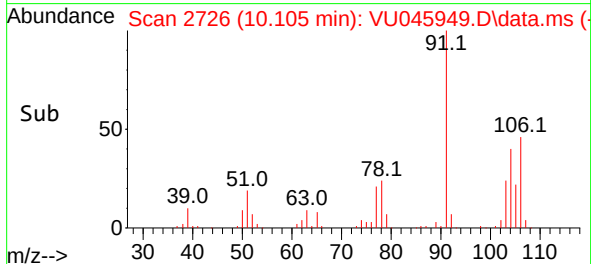
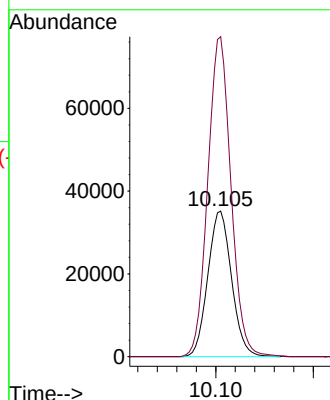
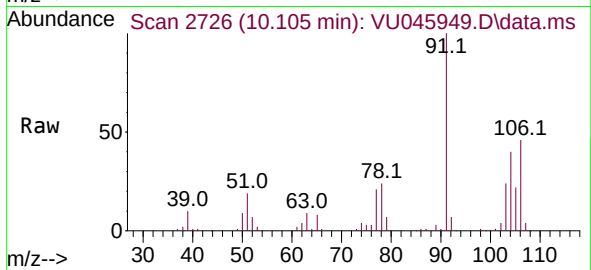
ClientSampleId :

Tgt Ion:106 Resp: 59463

Ion Ratio Lower Upper

106 100

91 219.7 147.5 273.9



#55

Styrene

Concen: 5.435 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045949.D

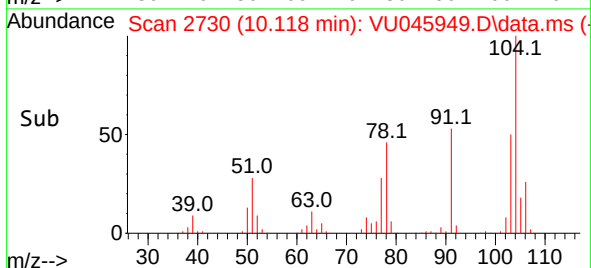
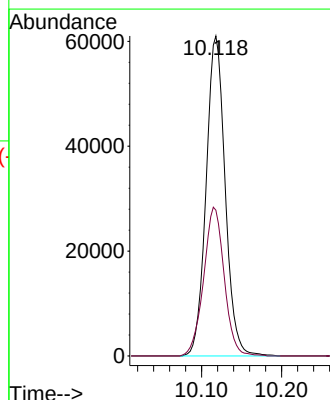
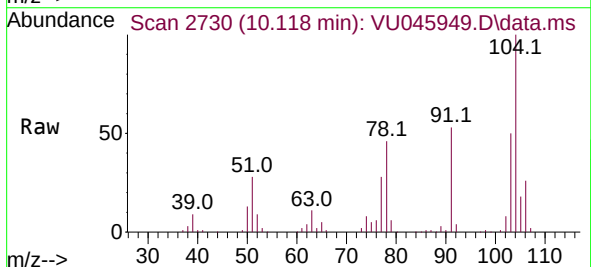
Acq: 23 Nov 2021 12:09

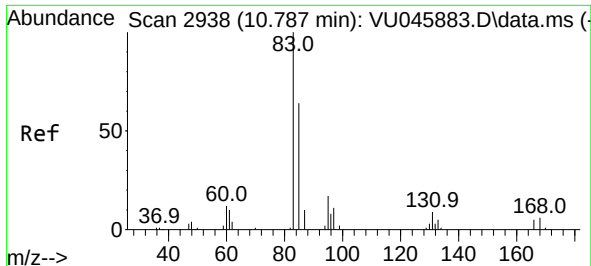
Tgt Ion:104 Resp: 101298

Ion Ratio Lower Upper

104 100

78 45.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.514 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

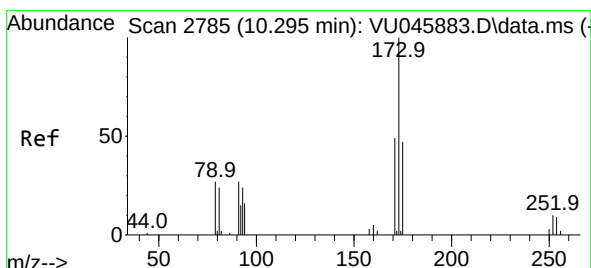
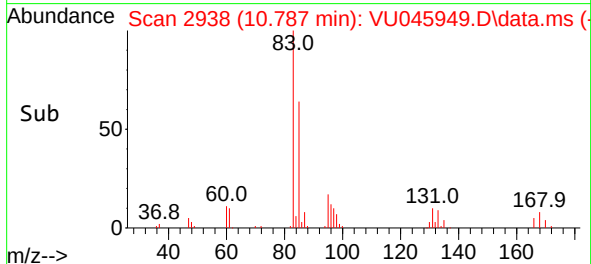
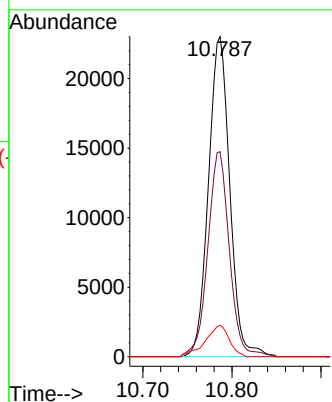
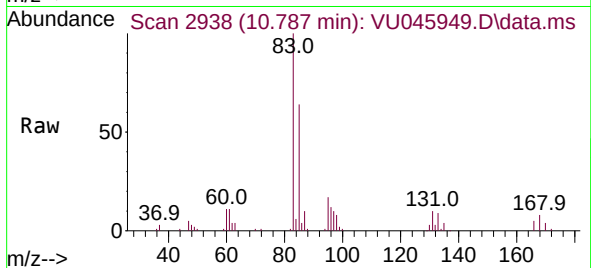
Tgt Ion: 83 Resp: 38250

Ion Ratio Lower Upper

83 100

85 64.0 47.9 89.1

131 9.8 8.1 12.1



#59

Bromoform

Concen: 5.418 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

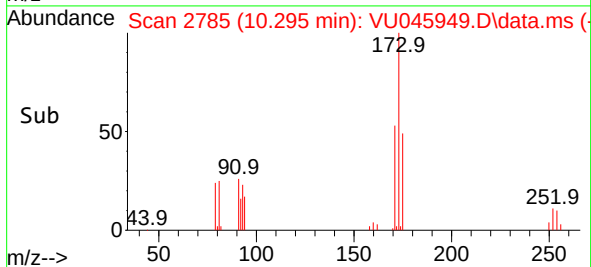
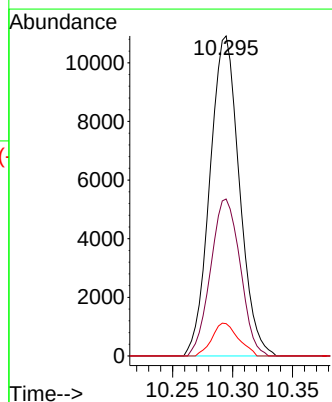
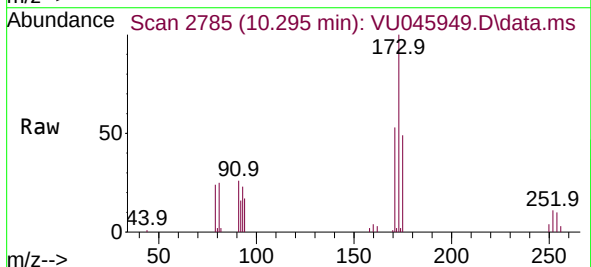
Tgt Ion: 173 Resp: 18655

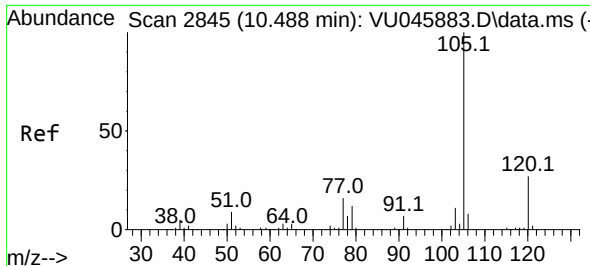
Ion Ratio Lower Upper

173 100

175 49.2 37.8 56.6

254 9.1 7.3 10.9

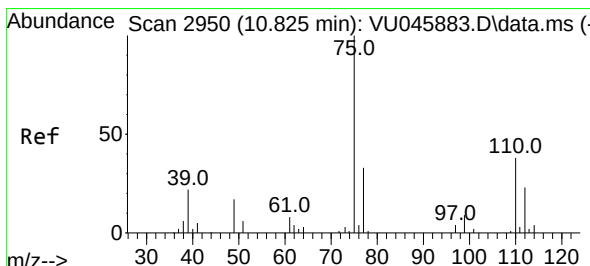
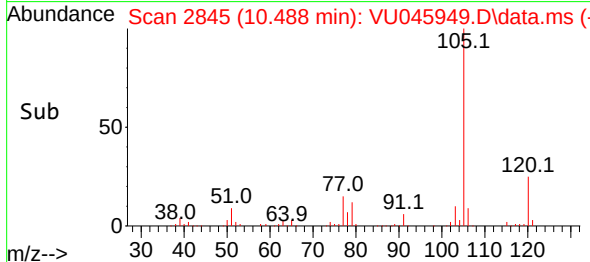
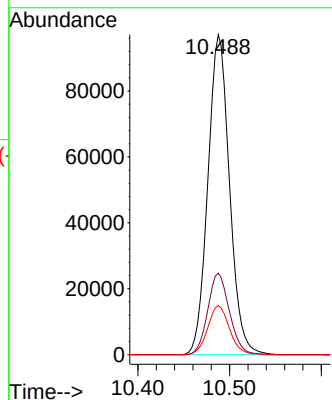
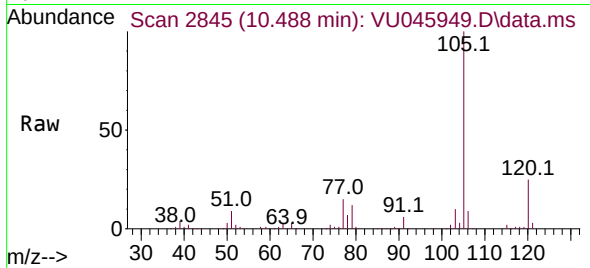




#60
Isopropylbenzene
Concen: 5.209 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

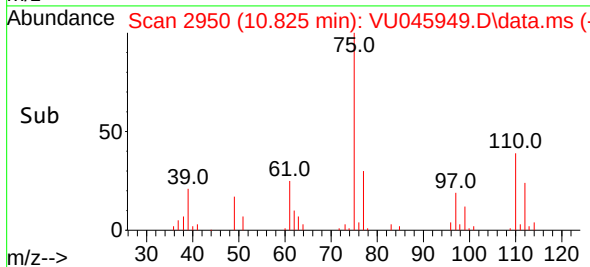
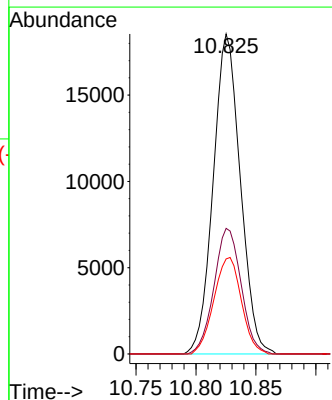
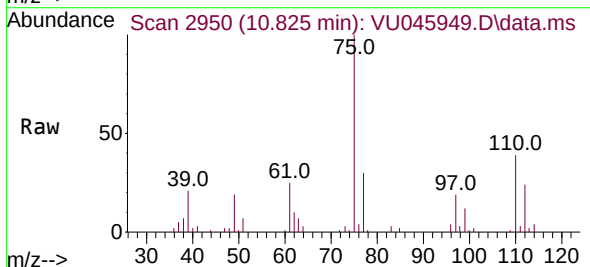
Instrument :
MSVOA_U
ClientSampleId :

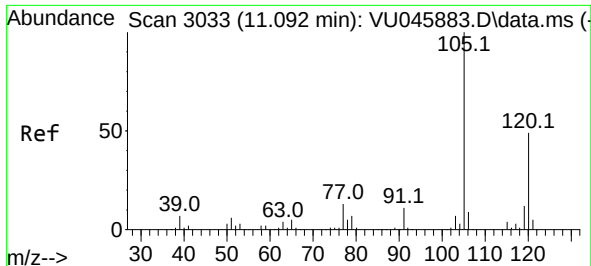
Tgt Ion:105 Resp: 158971
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.389 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion: 75 Resp: 29082
Ion Ratio Lower Upper
75 100
110 39.3 29.9 44.9
77 30.7 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.259 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

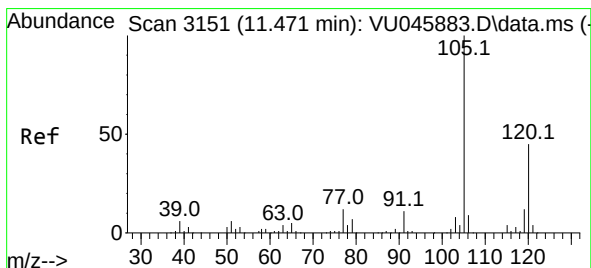
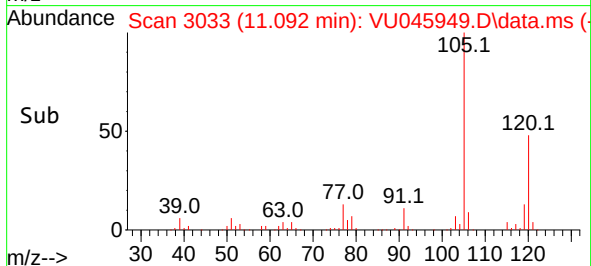
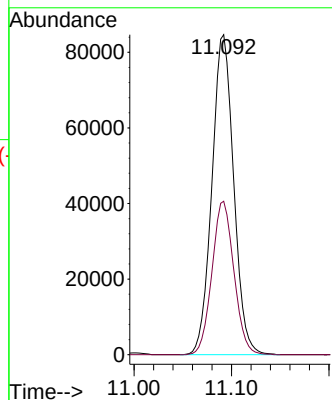
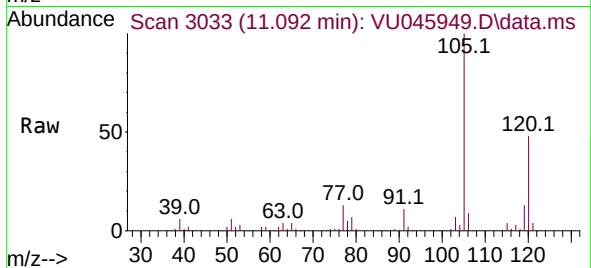
ClientSampleId :

Tgt Ion:105 Resp: 131248

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.343 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045949.D

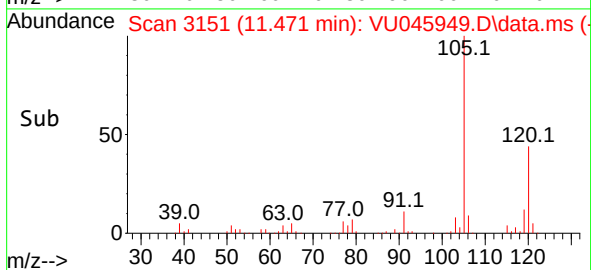
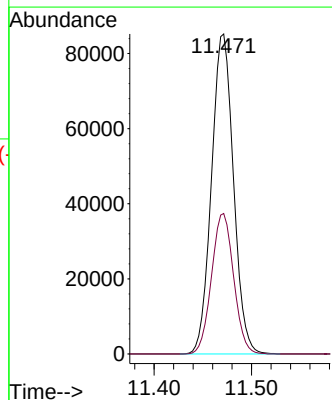
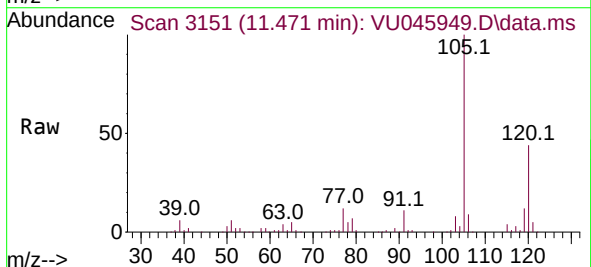
Acq: 23 Nov 2021 12:09

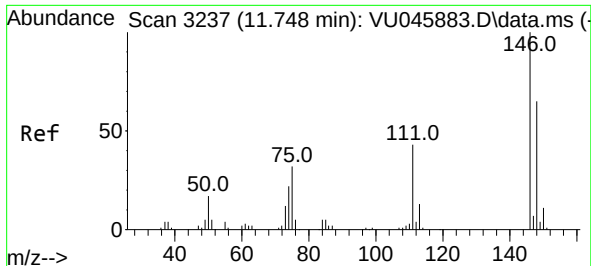
Tgt Ion:105 Resp: 133595

Ion Ratio Lower Upper

105 100

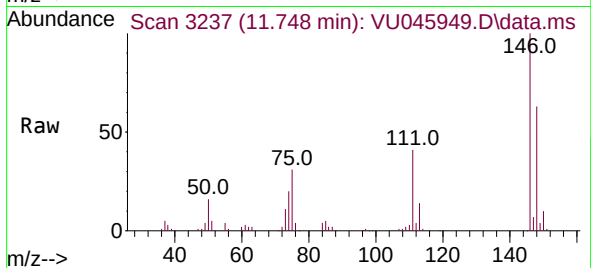
120 44.1 35.8 53.8



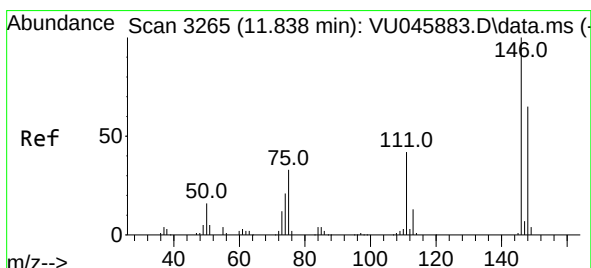
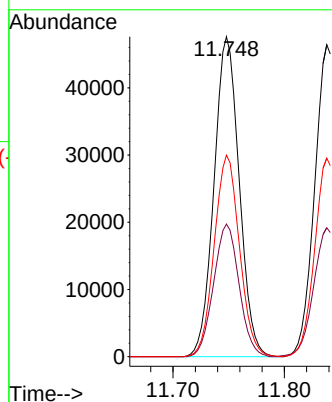
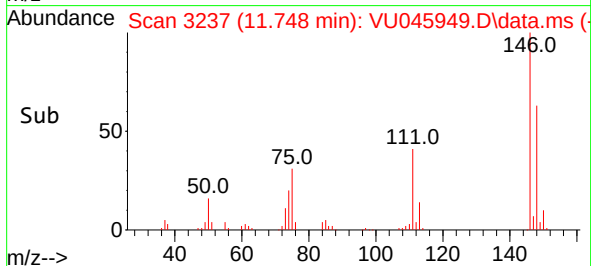


#64
1,3-Dichlorobenzene
Concen: 5.247 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

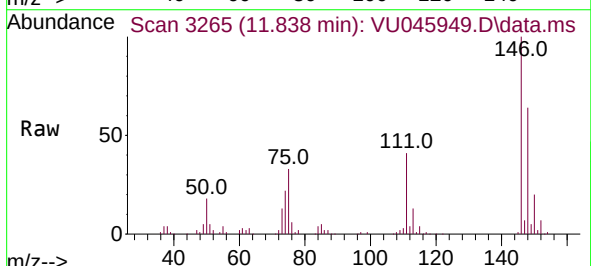
Instrument :
MSVOA_U
ClientSampleId :



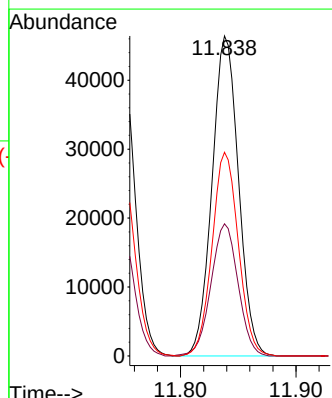
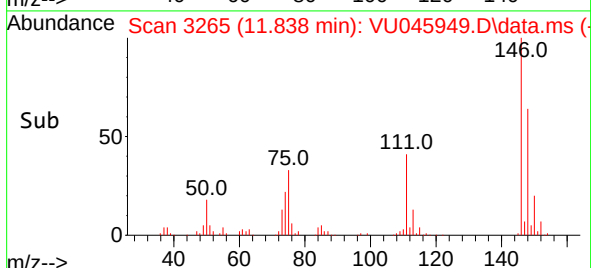
Tgt Ion:146 Resp: 74702
Ion Ratio Lower Upper
146 100
111 41.4 29.9 55.5
148 63.0 44.3 82.3

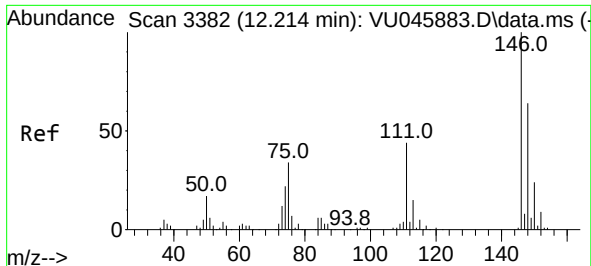


#65
1,4-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09



Tgt Ion:146 Resp: 73940
Ion Ratio Lower Upper
146 100
111 41.3 28.7 53.3
148 63.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.236 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

Instrument :

MSVOA_U

ClientSampleId :

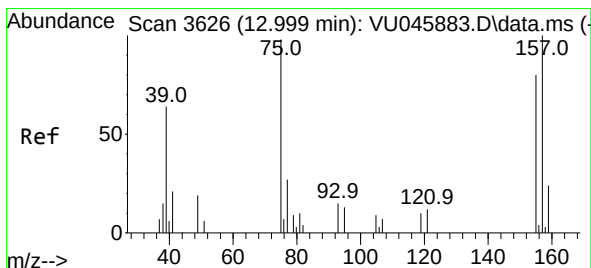
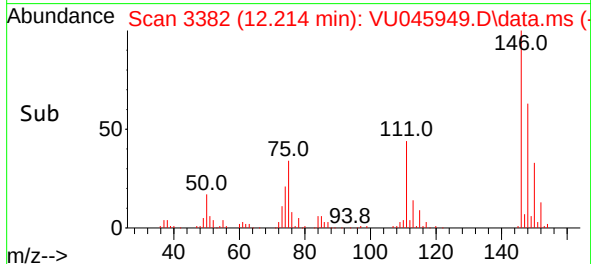
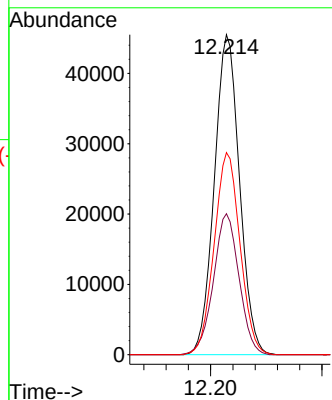
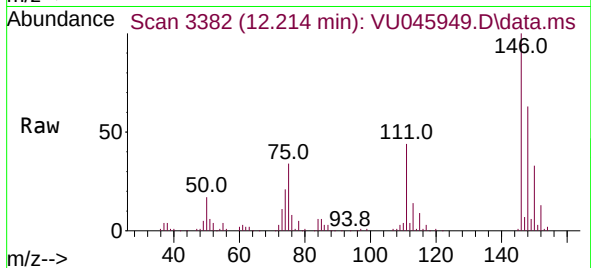
Tgt Ion:146 Resp: 71478

Ion Ratio Lower Upper

146 100

111 44.1 35.4 53.0

148 63.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.258 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045949.D

Acq: 23 Nov 2021 12:09

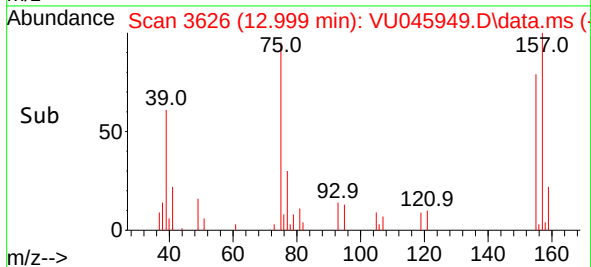
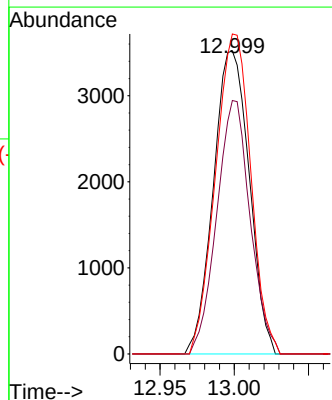
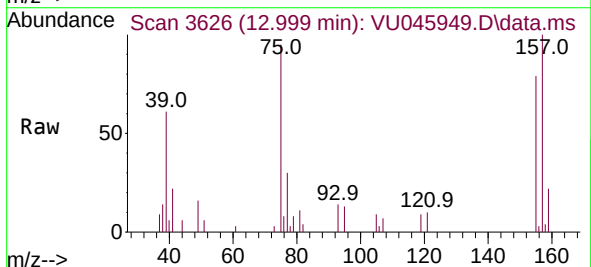
Tgt Ion: 75 Resp: 5904

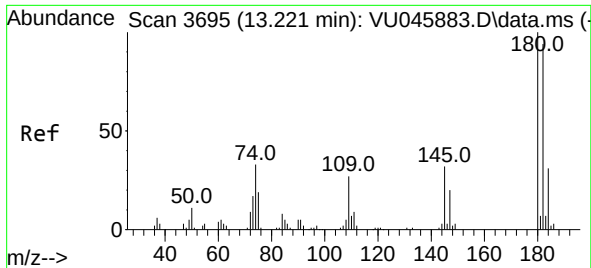
Ion Ratio Lower Upper

75 100

155 83.6 59.2 88.8

157 105.6 76.5 114.7

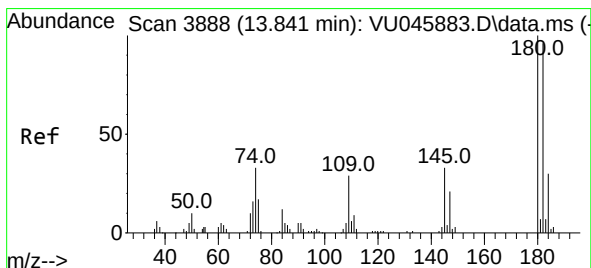
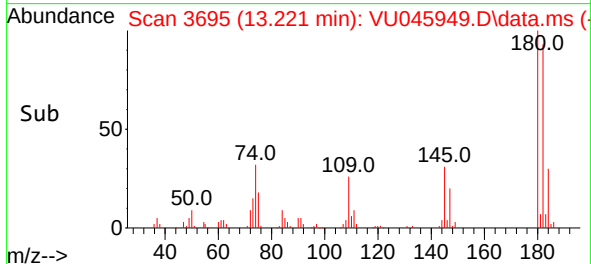
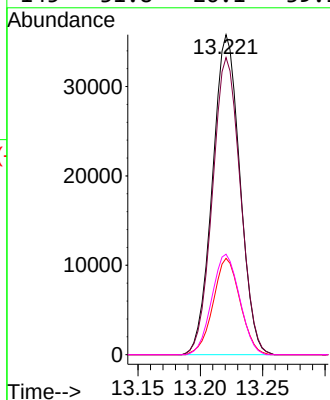
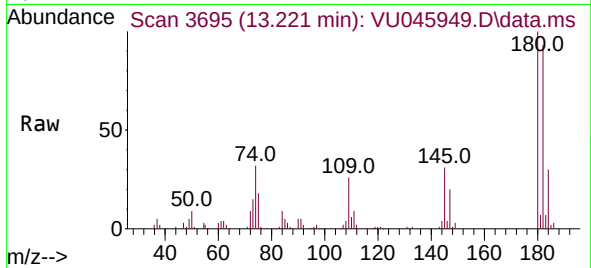




#69
 1,3,5-Trichlorobenzene
 Concen: 5.147 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

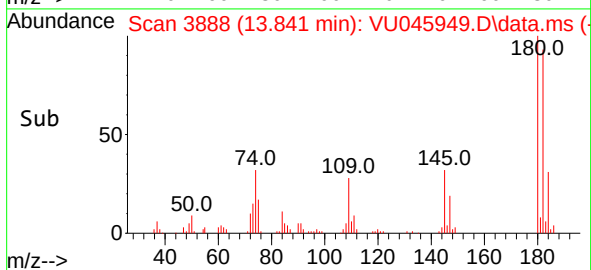
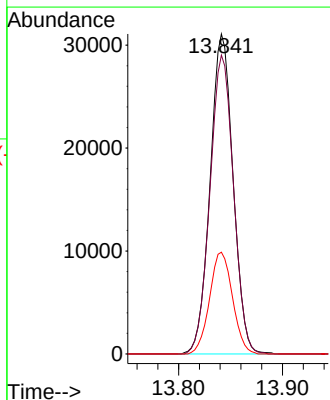
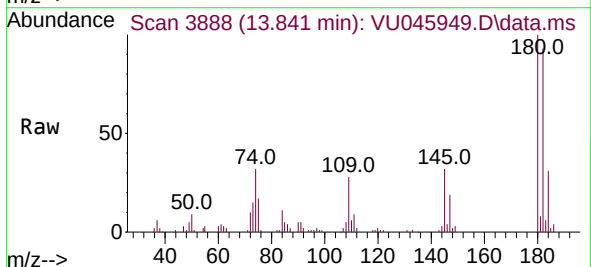
Instrument :
 MSVOA_U
 ClientSampleId :

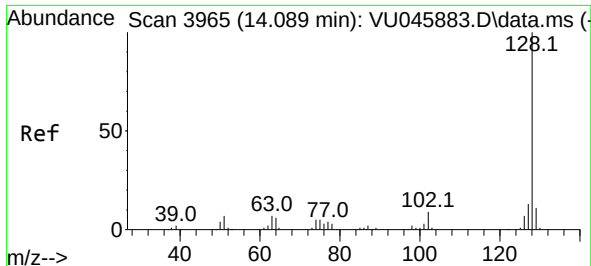
Tgt Ion:180	Resp:	54816
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.1 114.1
184	29.7	25.0 37.4
145	31.8	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.293 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045949.D
 Acq: 23 Nov 2021 12:09

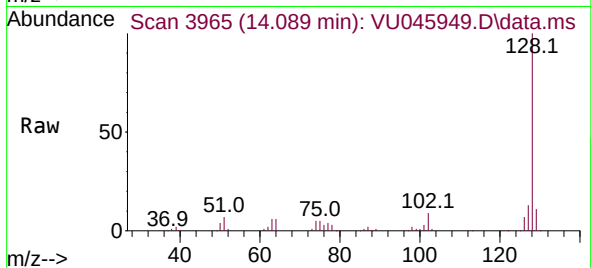
Tgt Ion:180	Resp:	47702
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.4 114.6
145	31.8	25.6 38.4



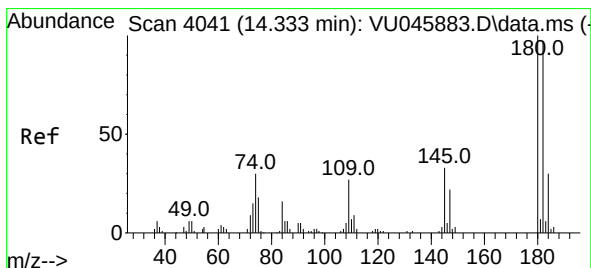
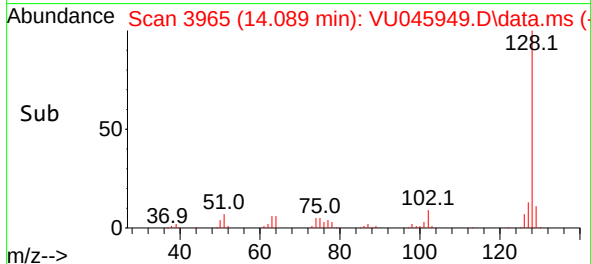
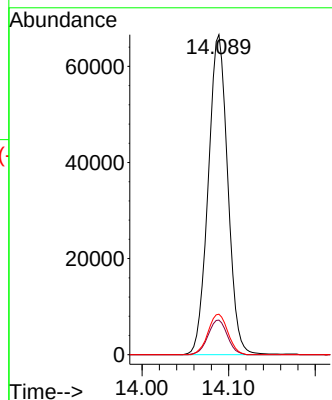


#71
Naphthalene
Concen: 5.637 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104371
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.318 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045949.D
Acq: 23 Nov 2021 12:09

Tgt Ion:180 Resp: 47693
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 34.2 28.4 42.6

