

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045971.D
 Acq On : 23 Nov 2021 21:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 00:35:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 00:27:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37943	4.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	30044	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.571	65	15643	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.658	46	128457	61.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.060%
24) Chloroform-d	5.067	84	66587	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.706	65	40391	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.732	84	137535	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.693	67	42969	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	125493	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.182	79	18135	5.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.639	63	107985	68.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.980%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44221	6.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.200%#
66) 1,2-Dichlorobenzene-d4	12.195	152	47018	5.379	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38072	4.717	ug/L	99
3) Chloromethane	1.520	50	34301	4.010	ug/L	98
5) Vinyl chloride	1.607	62	37929	4.418	ug/L	99
6) Bromomethane	1.861	94	17324	3.402	ug/L	98
8) Chloroethane	1.938	64	23655	4.832	ug/L	98
9) Trichlorofluoromethane	2.144	101	54396	4.908	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31525	4.851	ug/L	98
12) 1,1-Dichloroethene	2.584	96	29582	4.821	ug/L	92
13) Acetone	2.684	43	25367	20.476	ug/L	87
14) Carbon disulfide	2.800	76	81035	4.175	ug/L	100
15) Methyl Acetate	2.967	43	17899	5.888	ug/L	99
16) Methylene chloride	3.051	84	36871	4.070	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	92392	5.783	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	31030	4.717	ug/L	96
19) 1,1-Dichloroethane	3.874	63	59511	4.829	ug/L	100
21) 2-Butanone	4.735	43	121257	58.171	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	37406	5.245	ug/L	95
23) Bromochloromethane	4.980	128	17075	5.493	ug/L	93
25) Chloroform	5.092	83	64602	4.832	ug/L	100

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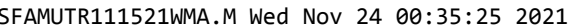
Instrument :
 MSVOA_U
 ClientSampleId :

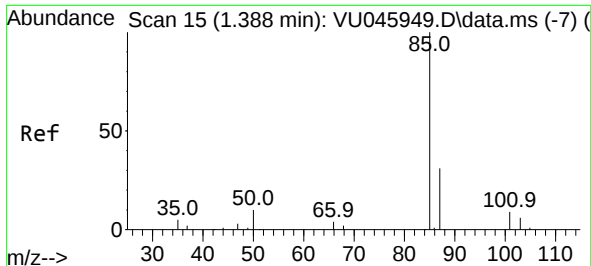
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	43985	5.156	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	54784	5.109	ug/L	98
30) Cyclohexane	5.394	56	50819	4.778	ug/L	100
31) Carbon tetrachloride	5.530	117	45628	5.060	ug/L	99
33) Benzene	5.777	78	136968	4.973	ug/L	100
34) Trichloroethene	6.546	95	34658	4.882	ug/L	97
35) Methylcyclohexane	6.767	83	53365	4.895	ug/L	98
37) 1,2-Dichloropropane	6.793	63	35821	4.942	ug/L	99
38) Bromodichloromethane	7.108	83	46362	5.184	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	53456	5.190	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	300397	63.184	ug/L	98
42) Toluene	7.970	91	146822	5.164	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	48165	5.375	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	30643	5.695	ug/L	99
47) Tetrachloroethene	8.555	164	25797	5.191	ug/L	97
48) 2-Hexanone	8.690	43	229077	66.696	ug/L	97
49) Dibromochloromethane	8.812	129	34538	5.635	ug/L	98
50) 1,2-Dibromoethane	8.925	107	29690	5.856	ug/L	97
51) Chlorobenzene	9.449	112	92555	5.190	ug/L	98
52) Ethylbenzene	9.571	91	158777	5.335	ug/L	99
53) m,p-Xylene	9.697	106	61478	5.393	ug/L	96
54) o-Xylene	10.102	106	60598	5.509	ug/L	96
55) Styrene	10.115	104	102785	5.550	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	41638	6.041	ug/L	94
59) Bromoform	10.291	173	19712	5.846	ug/L	97
60) Isopropylbenzene	10.488	105	160423	5.368	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	31654	5.990	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	133331	5.456	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	133718	5.461	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	74598	5.350	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	74792	5.280	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	74478	5.571	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	6290	5.721	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	55613	5.332	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	48424	5.487	ug/L	99
71) Naphthalene	14.085	128	111180	6.132	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	48987	5.578	ug/L	98

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

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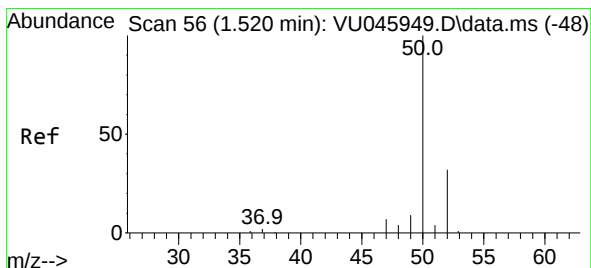
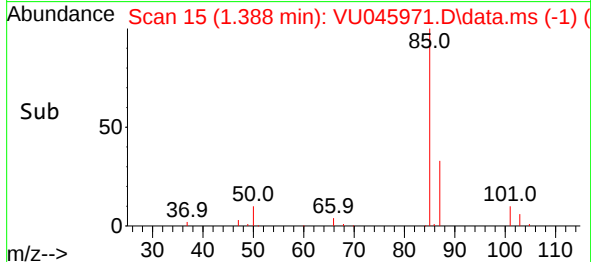
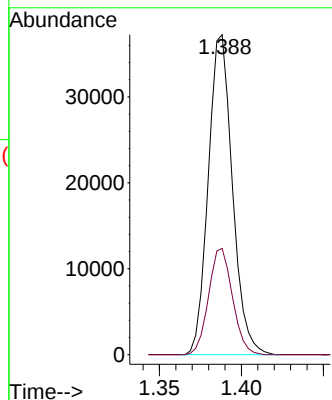
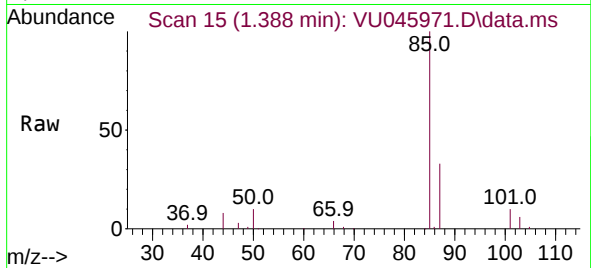




#2
 Dichlorodifluoromethane
 Concen: 4.717 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

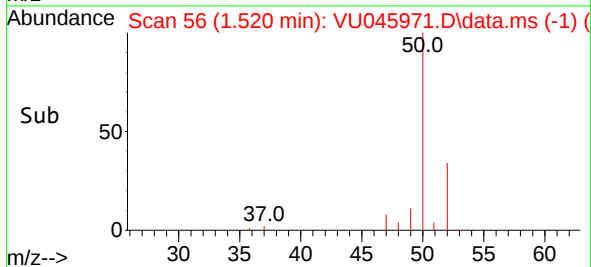
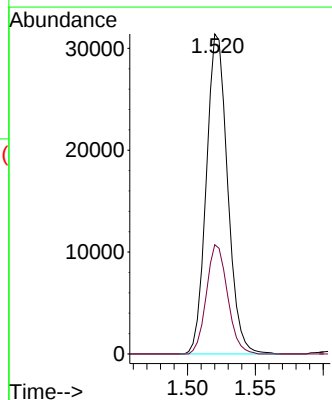
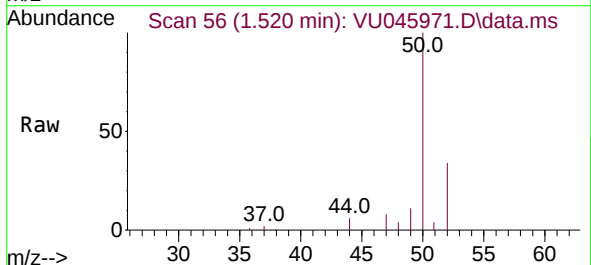
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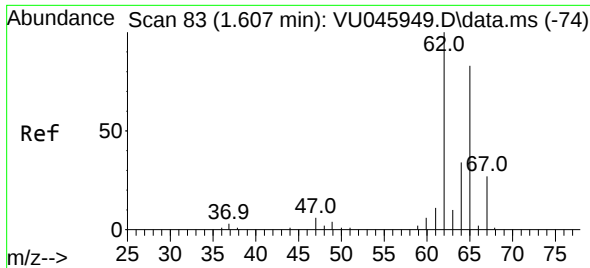
Tgt Ion: 85 Resp: 38072
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 4.010 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

Tgt Ion: 50 Resp: 34301
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.0 42.8

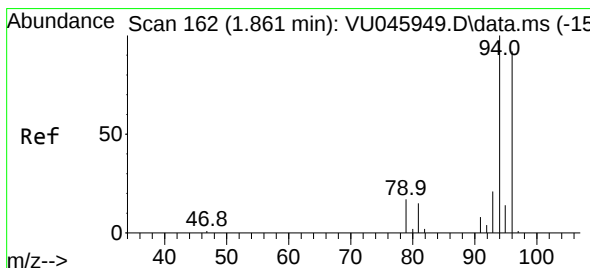
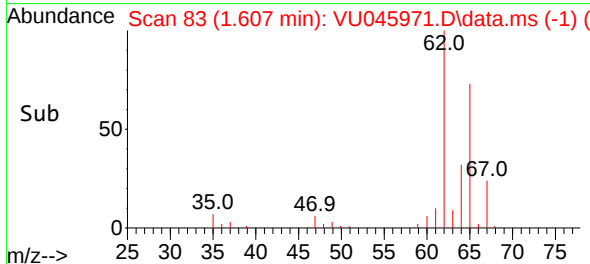
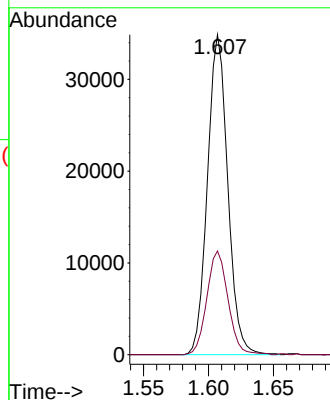
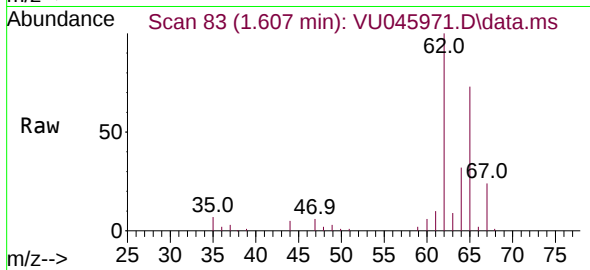




#5
 Vinyl chloride
 Concen: 4.418 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

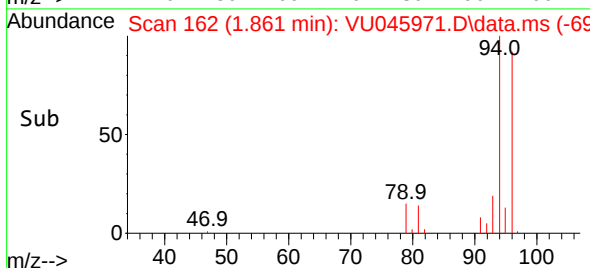
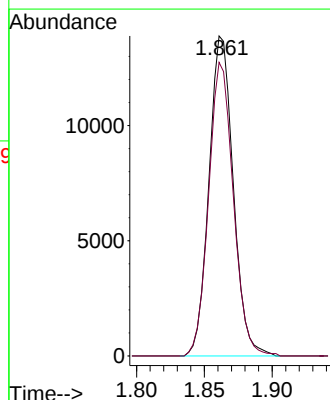
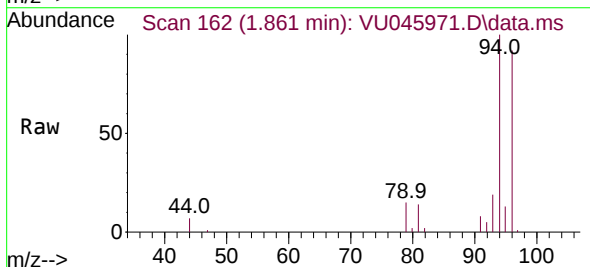
Instrument :
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 ClientSampleId :

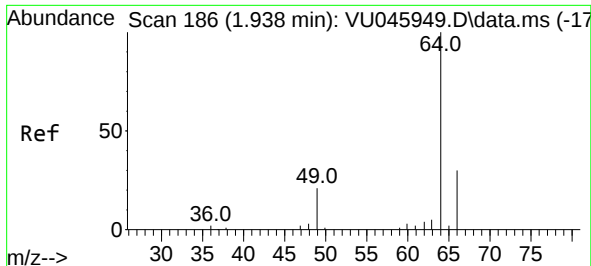
Tgt Ion: 62 Resp: 37929
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 3.402 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

Tgt Ion: 94 Resp: 17324
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.5 121.6

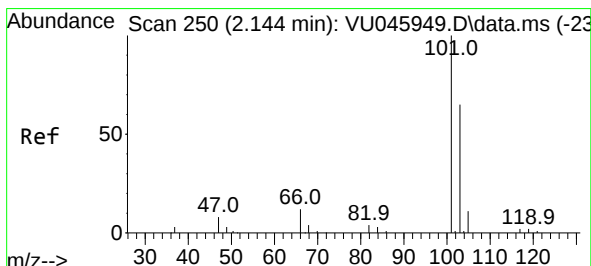
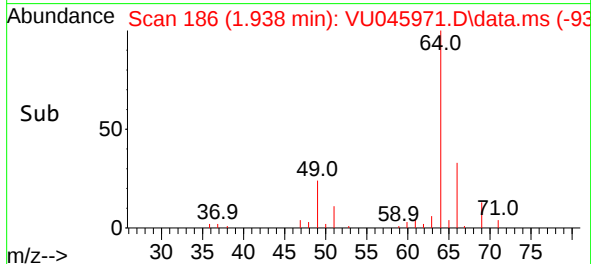
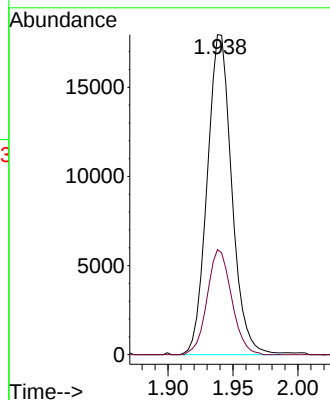
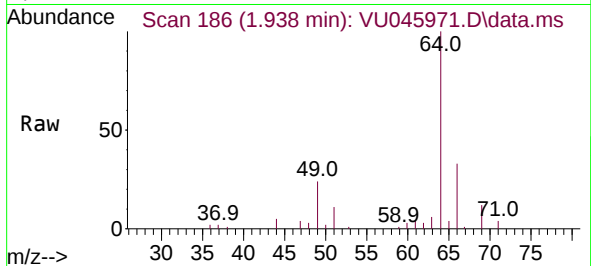




#8
Chloroethane
Concen: 4.832 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

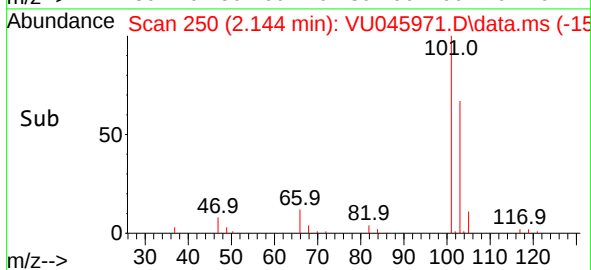
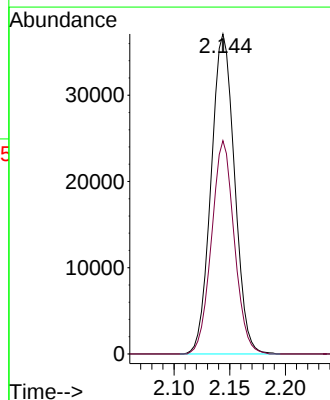
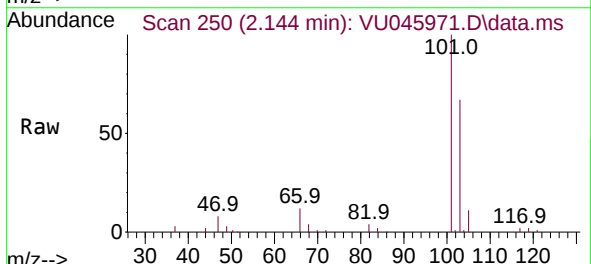
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ClientSampleId :

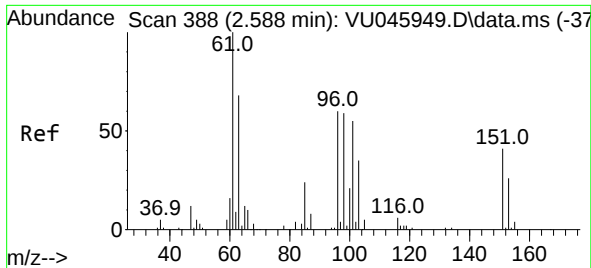
Tgt Ion: 64 Resp: 23655
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.908 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion:101 Resp: 54396
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

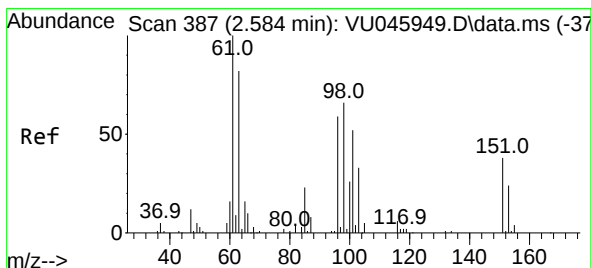
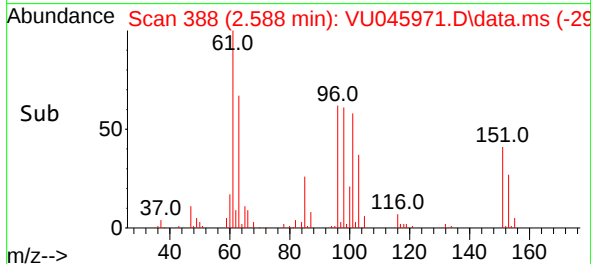
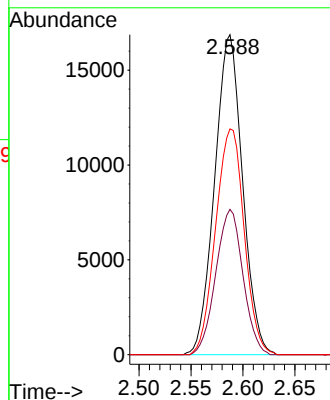
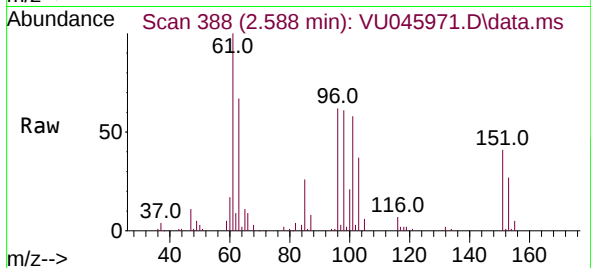




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.851 ug/L
 RT: 2.588 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

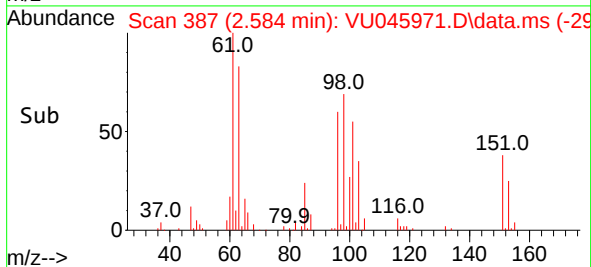
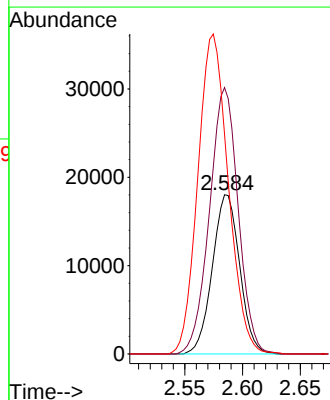
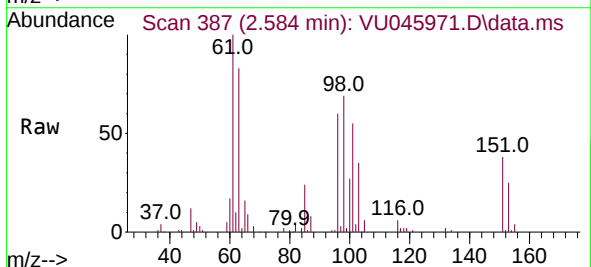
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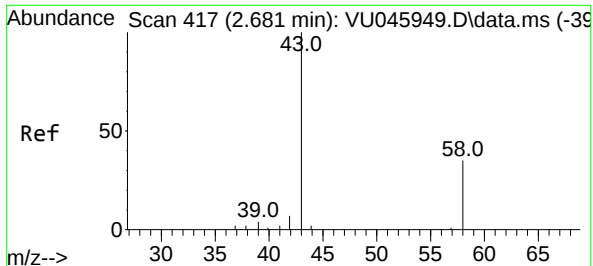
Tgt Ion:101 Resp: 31525
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 72.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.821 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

Tgt Ion: 96 Resp: 29582
 Ion Ratio Lower Upper
 96 100
 61 167.4 124.7 231.5
 63 138.3 105.2 195.4





#13

Acetone

Concen: 20.476 ug/L

RT: 2.684 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

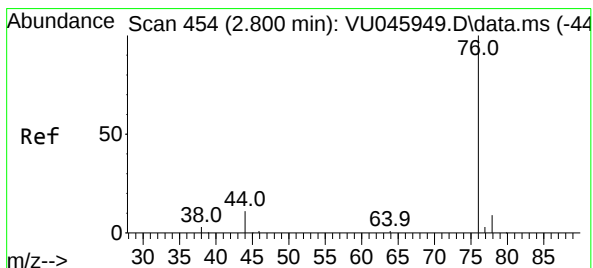
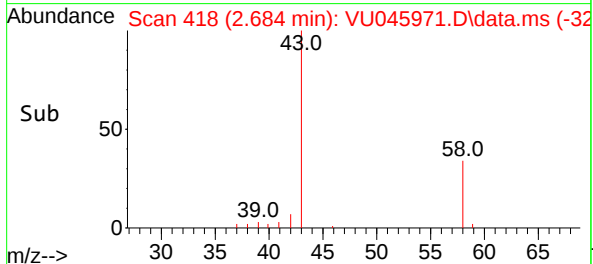
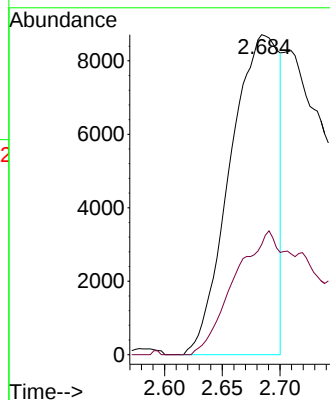
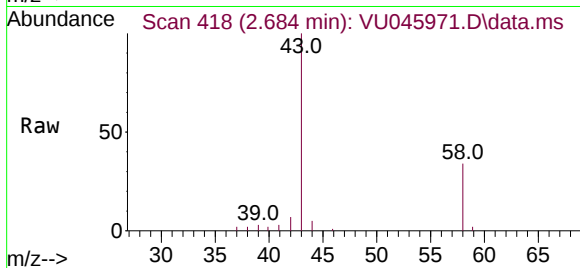
ClientSampleId :

Tgt Ion: 43 Resp: 25367

Ion Ratio Lower Upper

43 100

58 43.5 0.0 71.6



#14

Carbon disulfide

Concen: 4.175 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045971.D

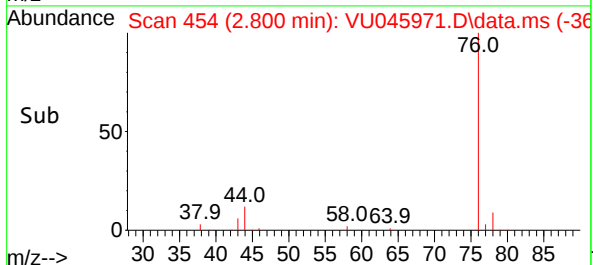
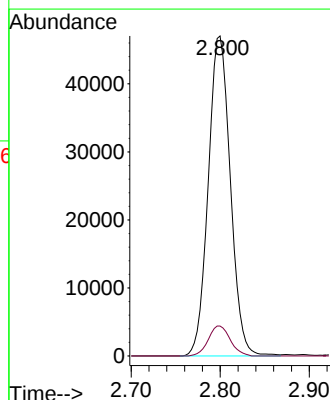
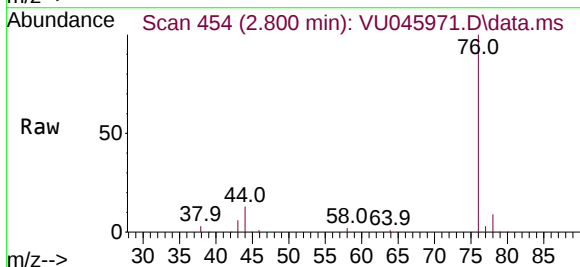
Acq: 23 Nov 2021 21:18

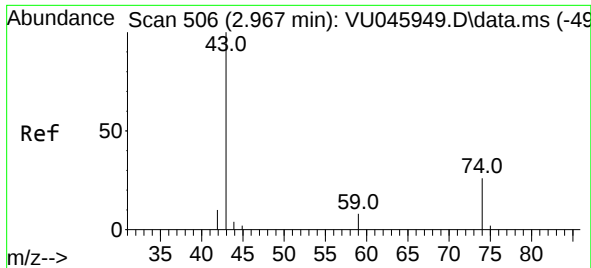
Tgt Ion: 76 Resp: 81035

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

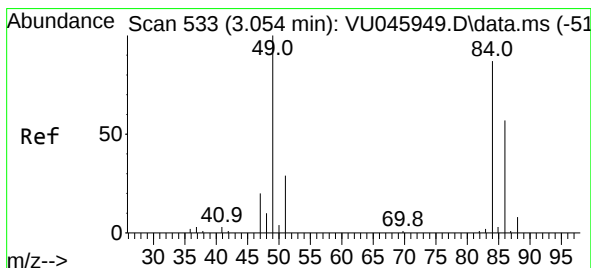
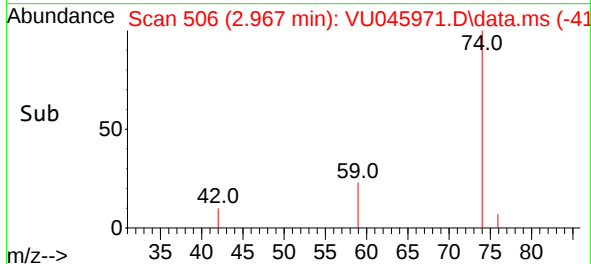
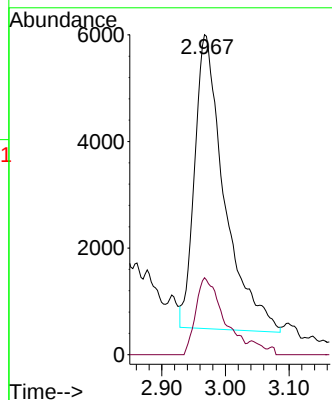
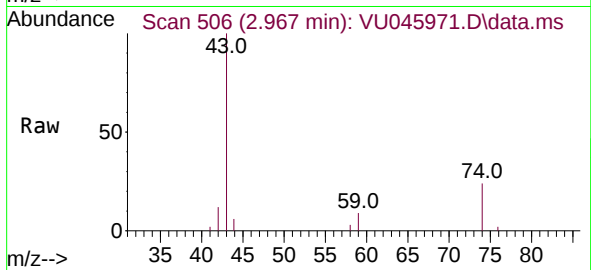




#15
Methyl Acetate
Concen: 5.888 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

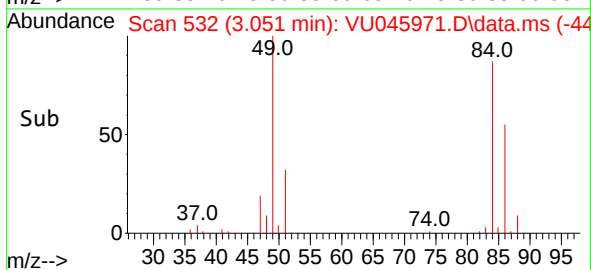
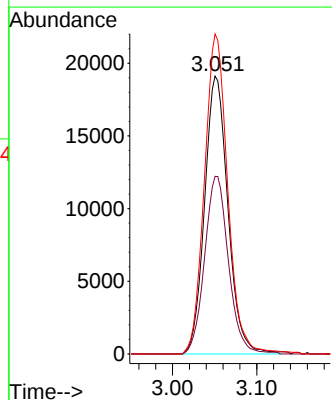
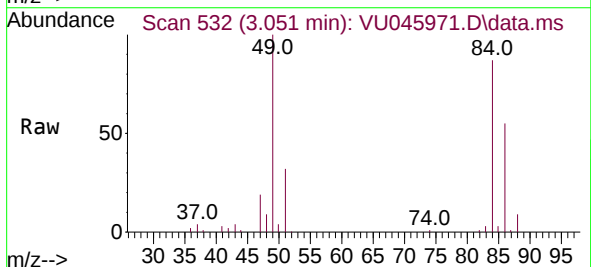
Instrument :
MSVOA_U
ClientSampleId :

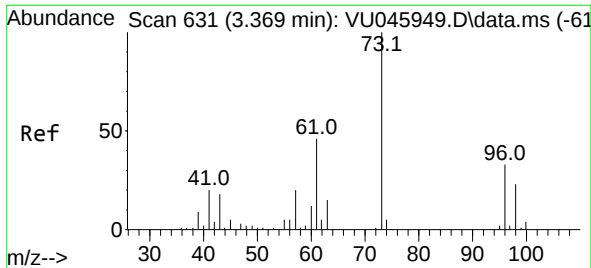
Tgt Ion: 43 Resp: 17899
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7



#16
Methylene chloride
Concen: 4.070 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 84 Resp: 36871
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 115.1 84.5 156.9

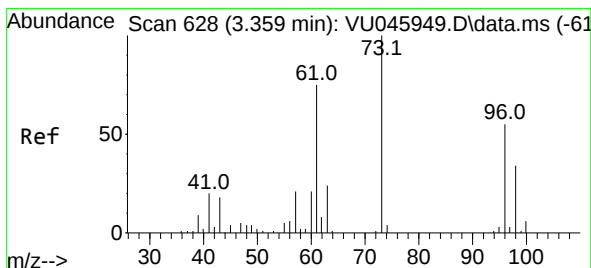
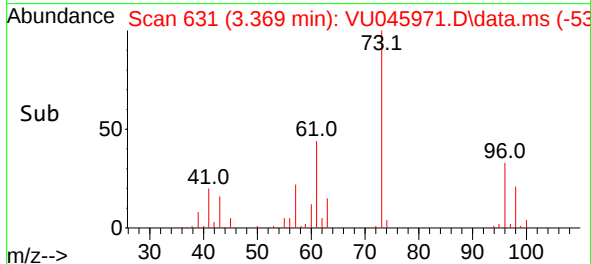
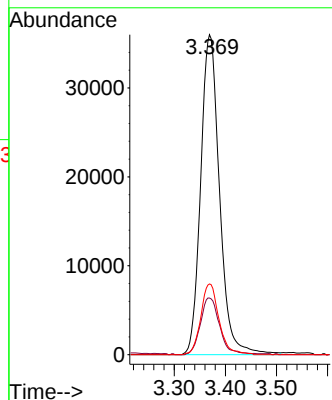
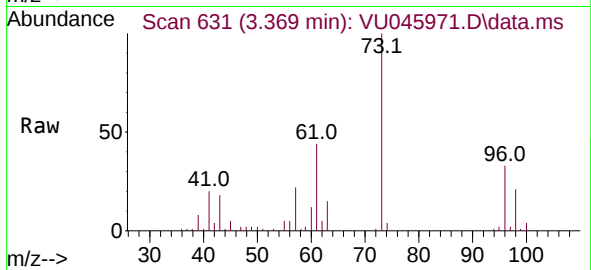




#17
Methyl tert-butyl Ether
Concen: 5.783 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

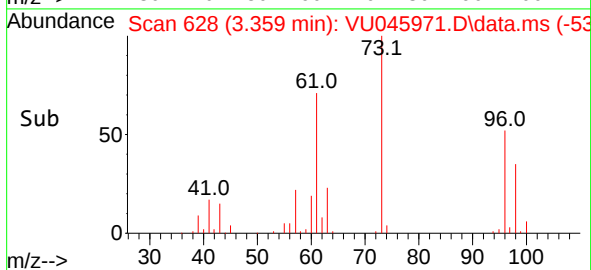
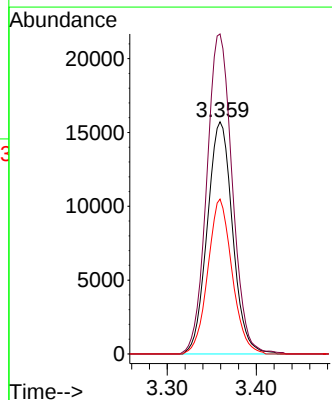
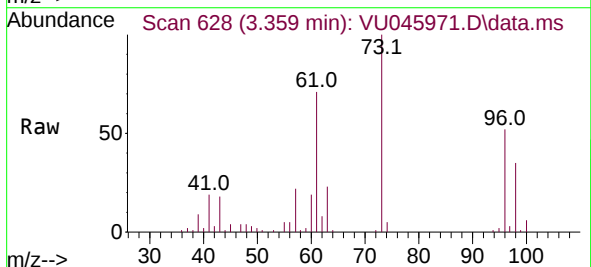
Instrument :
MSVOA_U
ClientSampleId :

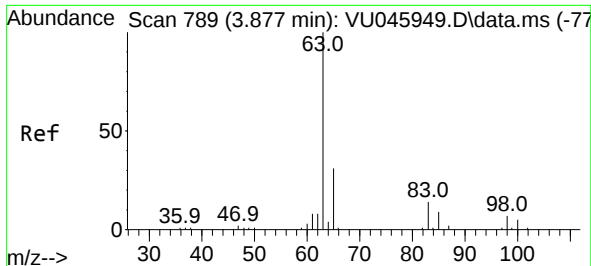
Tgt Ion: 73 Resp: 92392
Ion Ratio Lower Upper
73 100
43 18.0 14.8 22.2
57 21.3 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.717 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 96 Resp: 31030
Ion Ratio Lower Upper
96 100
61 137.8 100.8 187.2
98 66.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.829 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

ClientSampleId :

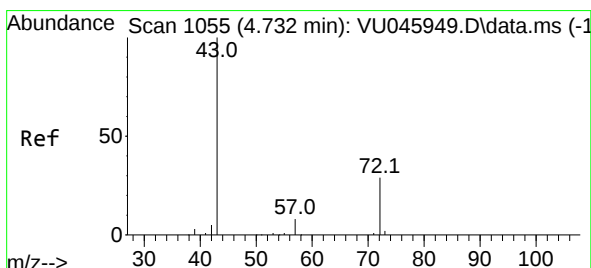
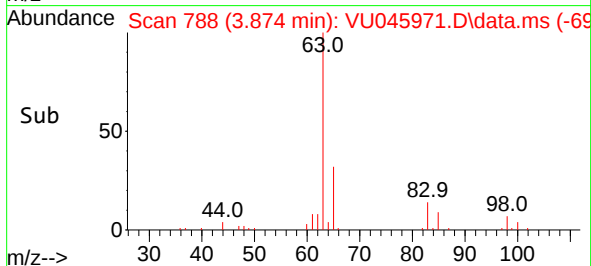
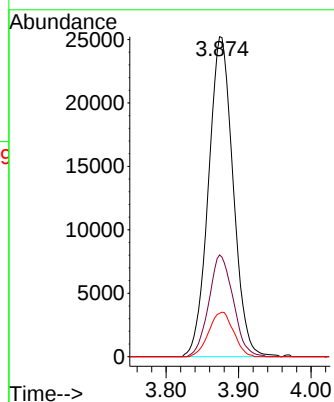
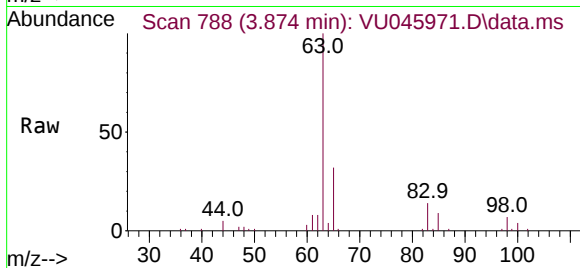
Tgt Ion: 63 Resp: 59511

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.5

83 13.6 9.6 17.8



#21

2-Butanone

Concen: 58.171 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.003 min

Lab File: VU045971.D

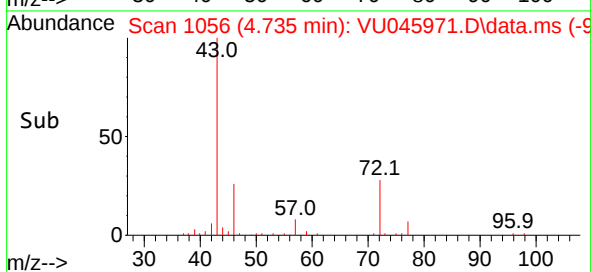
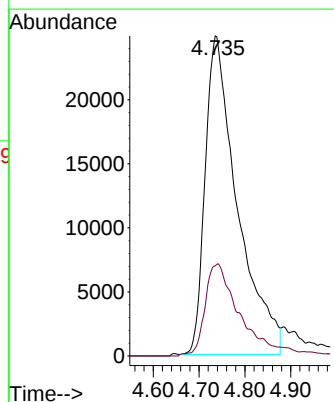
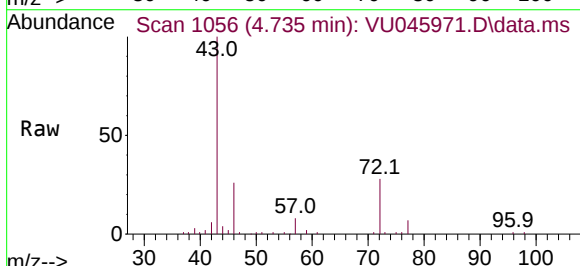
Acq: 23 Nov 2021 21:18

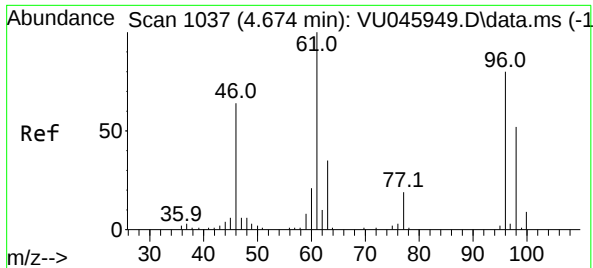
Tgt Ion: 43 Resp: 121257

Ion Ratio Lower Upper

43 100

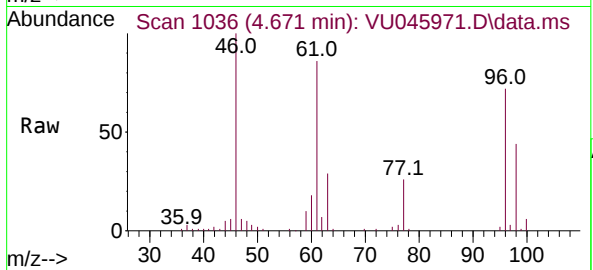
72 28.0 14.1 42.3



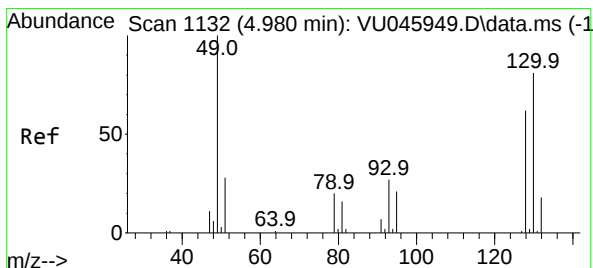
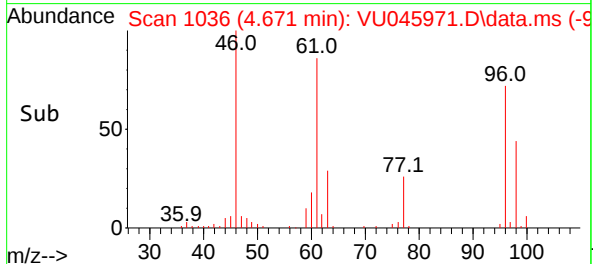
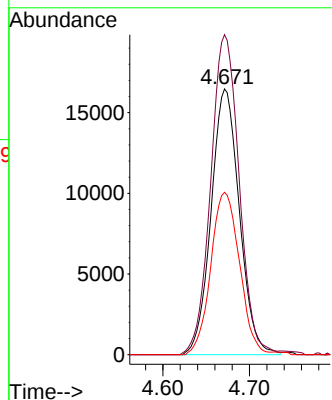


#22
 cis-1,2-Dichloroethene
 Concen: 5.245 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

Instrument :
 MSVOA_U
 ClientSampleId :

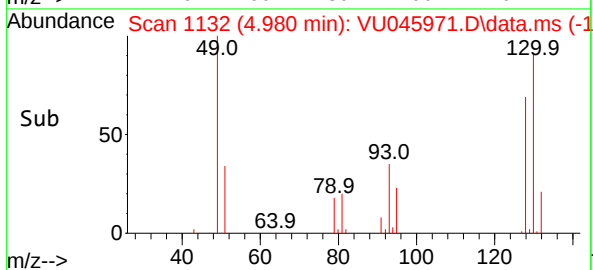
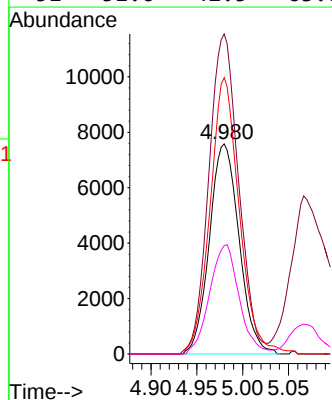
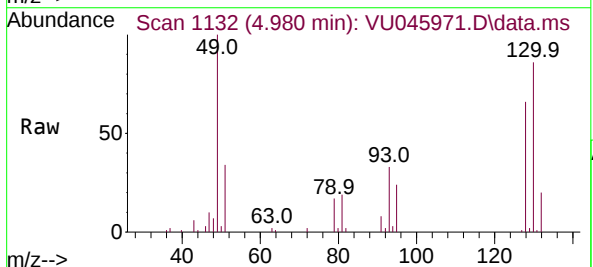


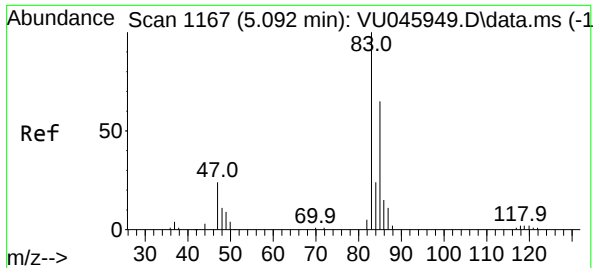
Tgt Ion: 96 Resp: 37406
 Ion Ratio Lower Upper
 96 100
 61 120.4 88.5 164.3
 98 61.1 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.493 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU045971.D
 Acq: 23 Nov 2021 21:18

Tgt Ion: 128 Resp: 17075
 Ion Ratio Lower Upper
 128 100
 49 152.3 117.0 217.2
 130 131.5 88.2 163.8
 51 51.6 42.5 63.7





#25

Chloroform

Concen: 4.832 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

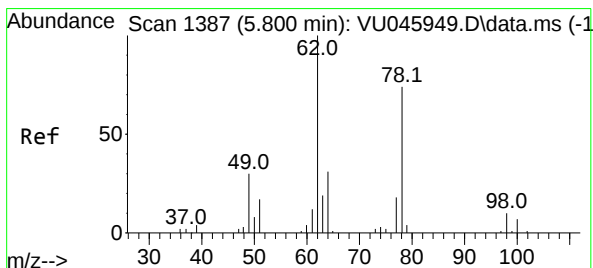
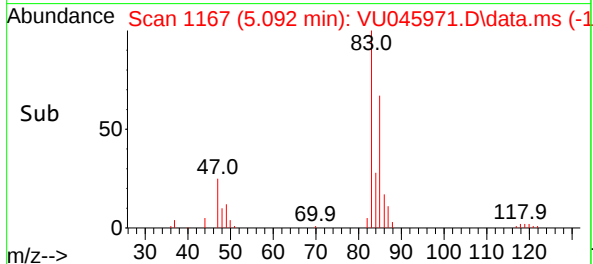
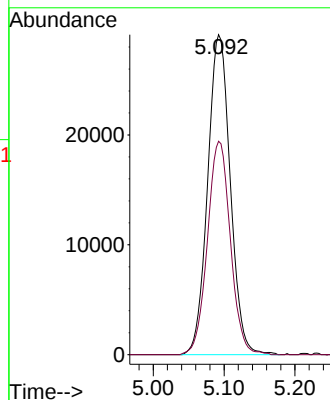
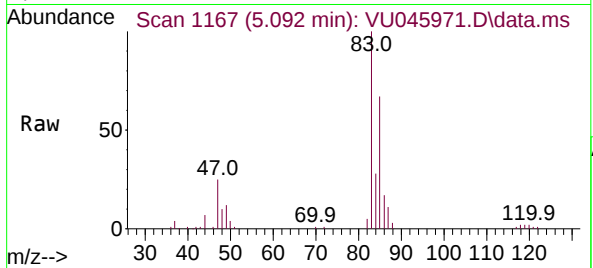
ClientSampleId :

Tgt Ion: 83 Resp: 64602

Ion Ratio Lower Upper

83 100

85 66.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.156 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045971.D

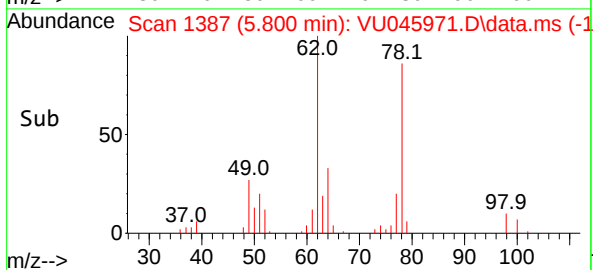
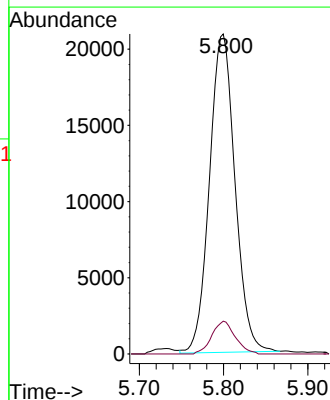
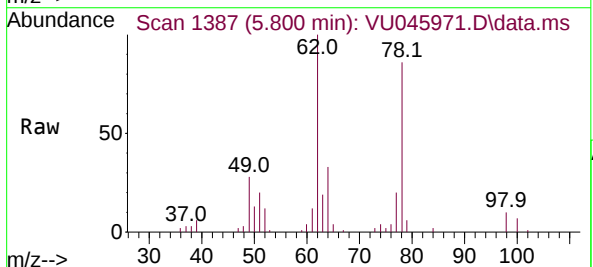
Acq: 23 Nov 2021 21:18

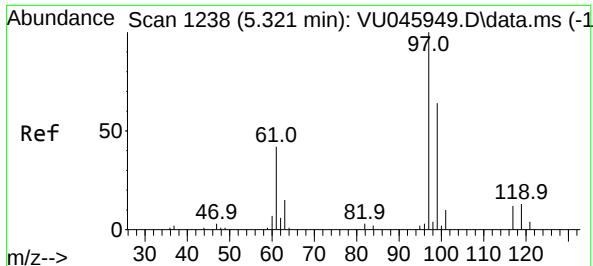
Tgt Ion: 62 Resp: 43985

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.109 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

ClientSampleId :

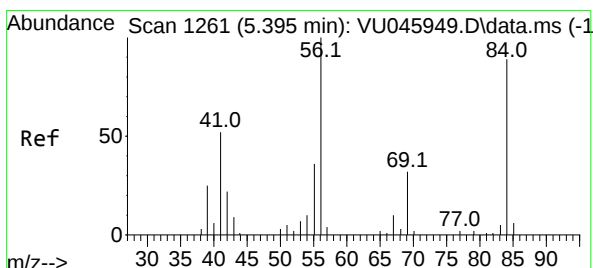
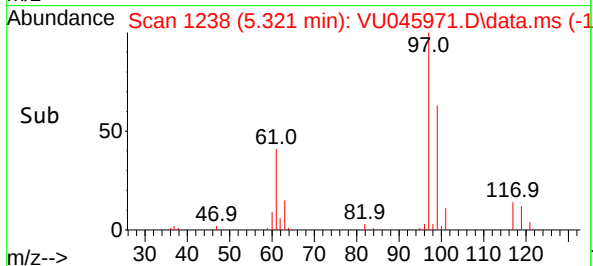
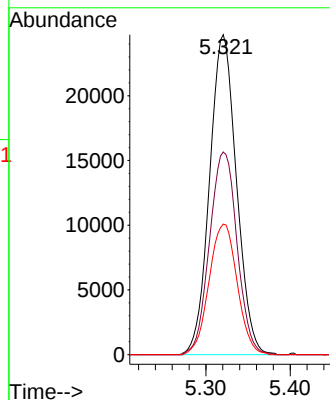
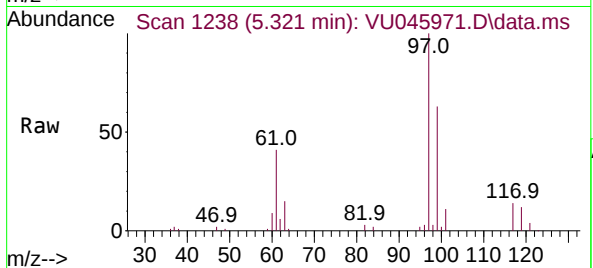
Tgt Ion: 97 Resp: 54784

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 42.7 36.1 54.1



#30

Cyclohexane

Concen: 4.778 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

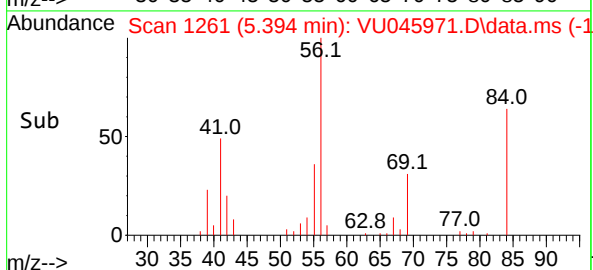
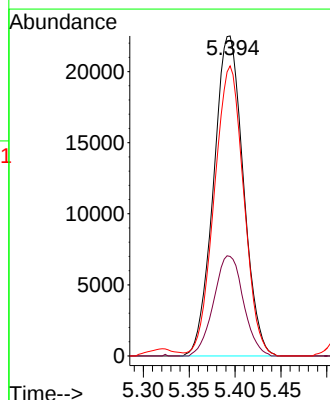
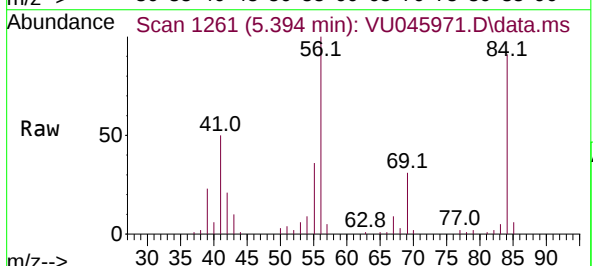
Tgt Ion: 56 Resp: 50819

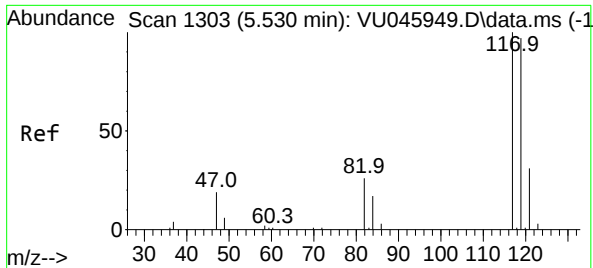
Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 89.7 71.8 107.6

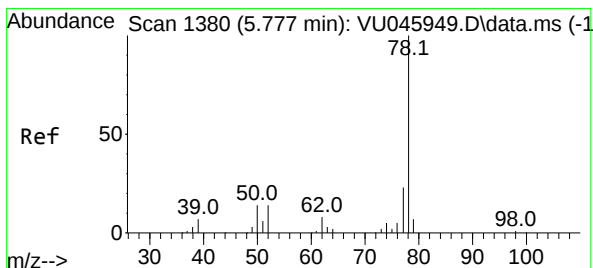
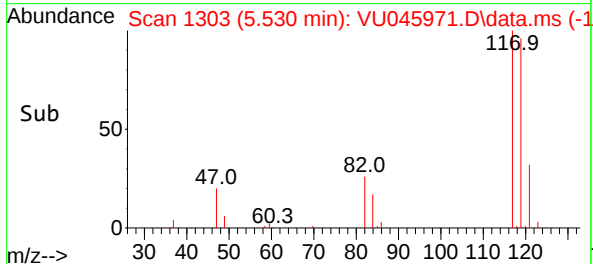
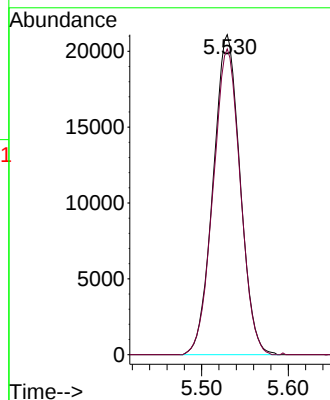
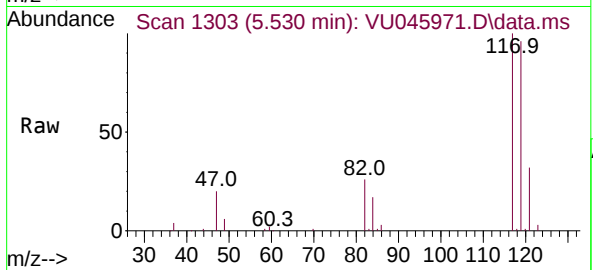




#31
Carbon tetrachloride
Concen: 5.060 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

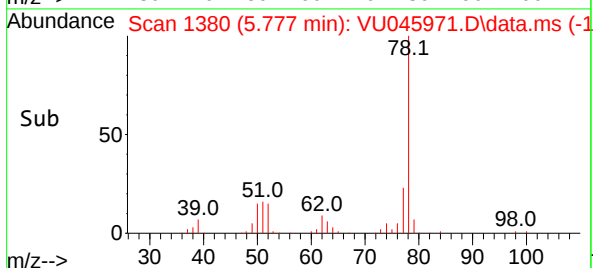
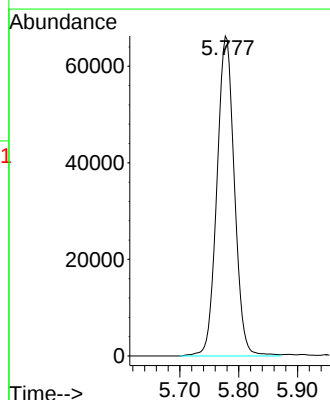
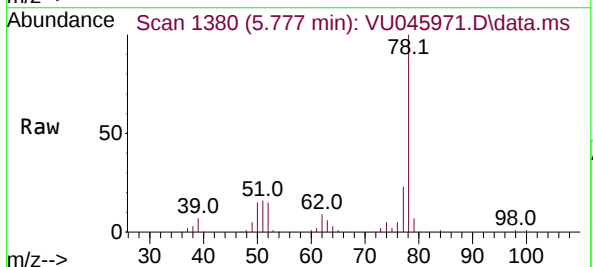
Instrument :
MSVOA_U
ClientSampleId :

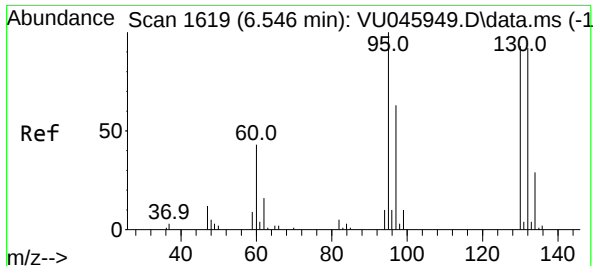
Tgt Ion:117 Resp: 45628
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 4.973 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 78 Resp: 136968

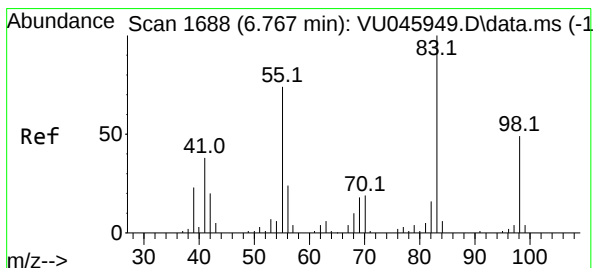
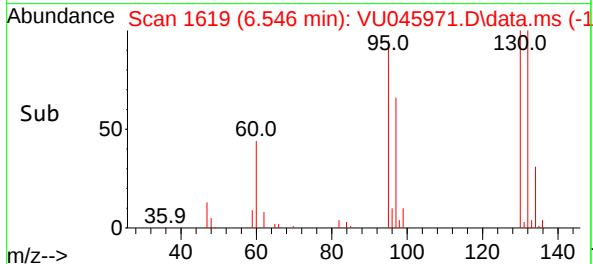
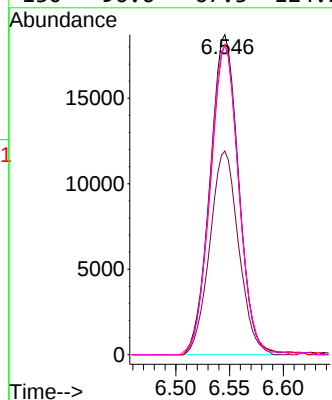
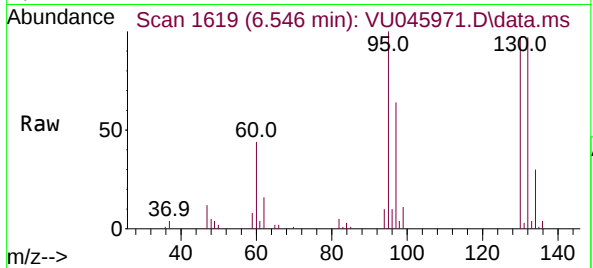




#34
Trichloroethene
Concen: 4.882 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

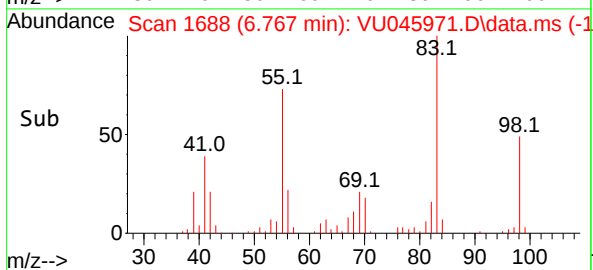
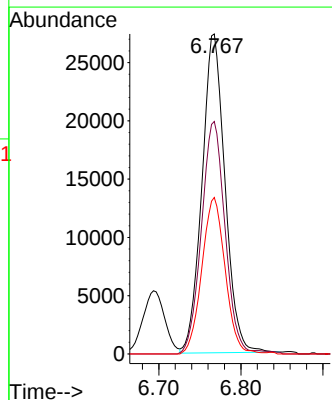
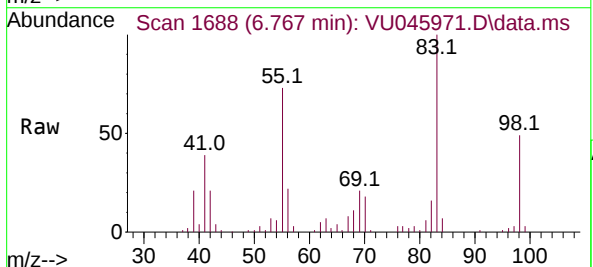
Instrument :
MSVOA_U
ClientSampleId :

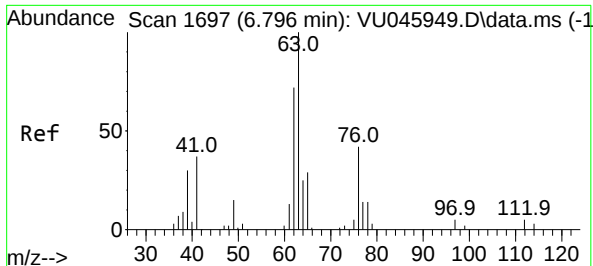
Tgt Ion: 95 Resp: 34658
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.5
132 96.9 65.1 120.9
130 96.6 67.3 124.9



#35
Methylcyclohexane
Concen: 4.895 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 83 Resp: 53365
Ion Ratio Lower Upper
83 100
55 75.2 61.9 92.9
98 49.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.942 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

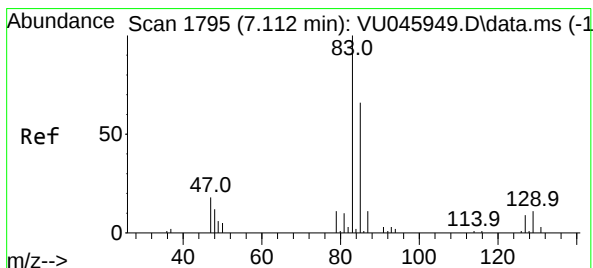
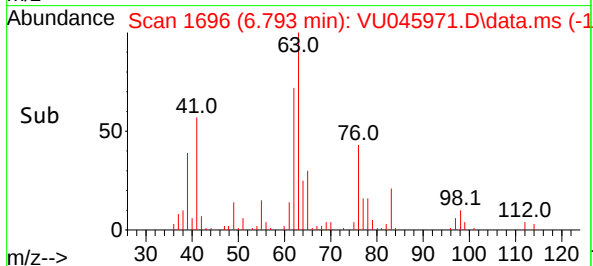
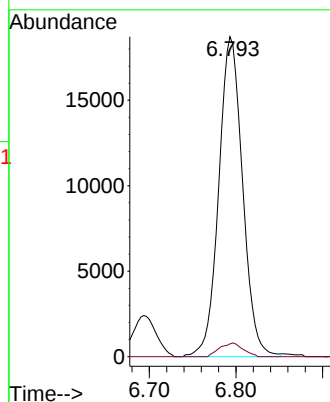
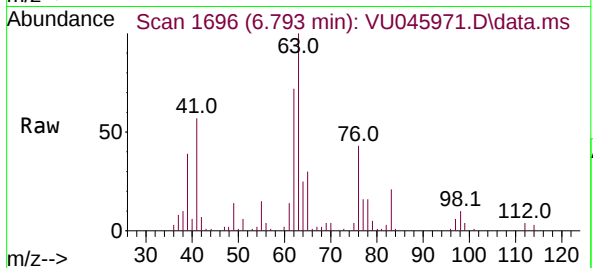
ClientSampleId :

Tgt Ion: 63 Resp: 35821

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.184 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

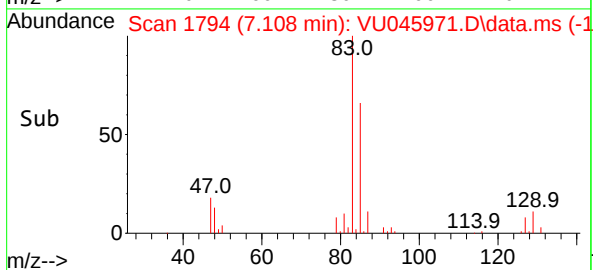
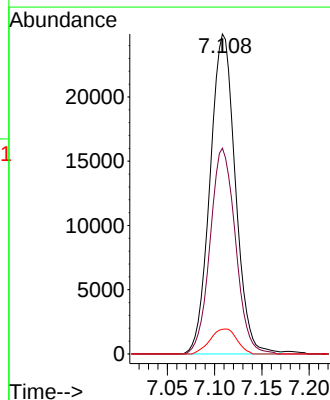
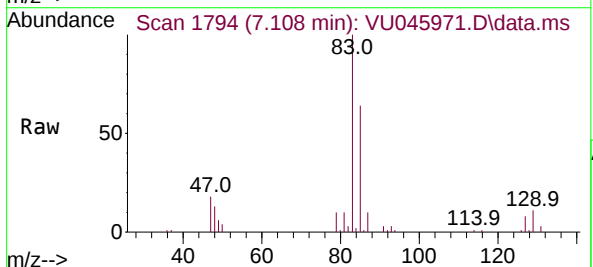
Tgt Ion: 83 Resp: 46362

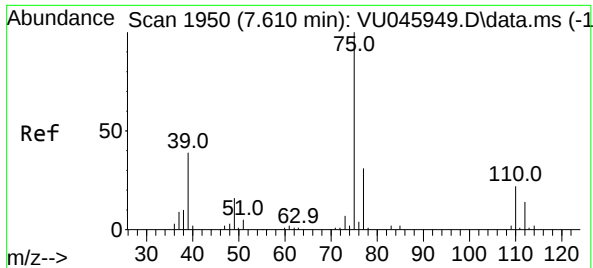
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 7.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.190 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

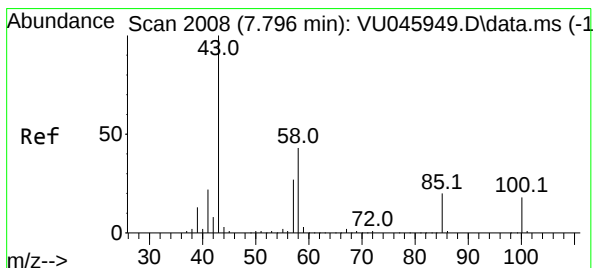
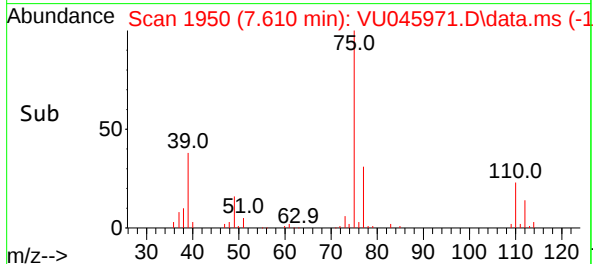
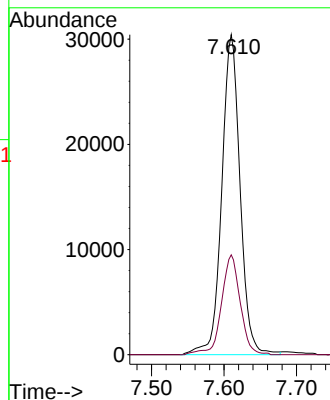
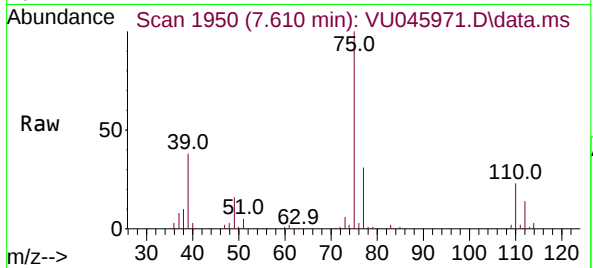
ClientSampleId :

Tgt Ion: 75 Resp: 53456

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 63.184 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

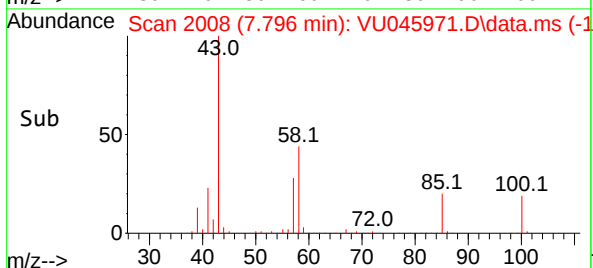
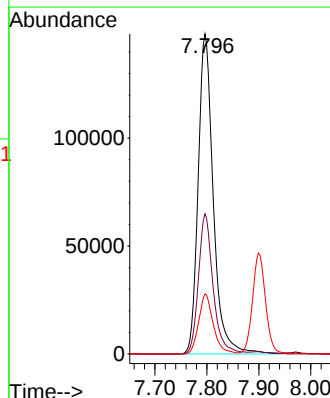
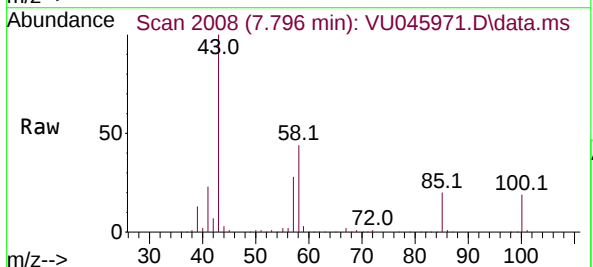
Tgt Ion: 43 Resp: 300397

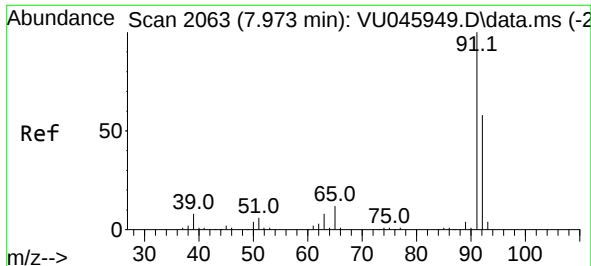
Ion Ratio Lower Upper

43 100

58 42.4 33.1 49.7

100 18.0 13.2 19.8





#42

Toluene

Concen: 5.164 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

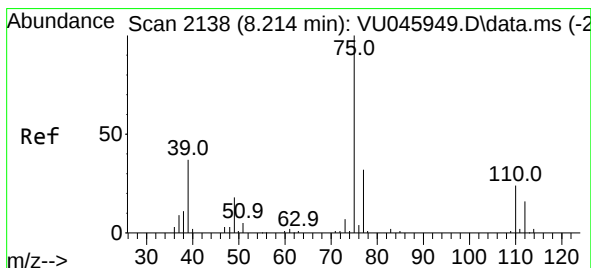
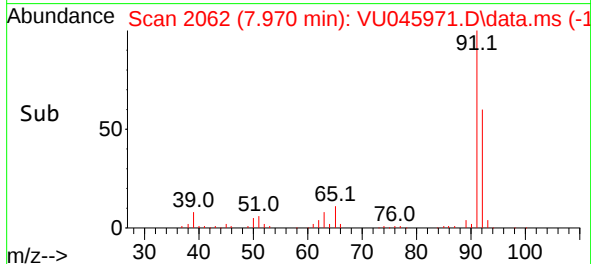
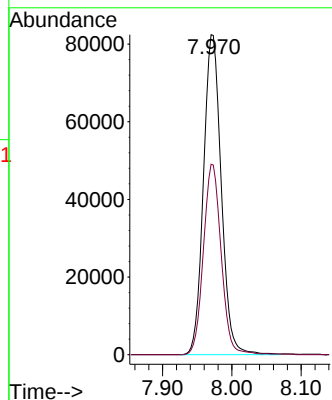
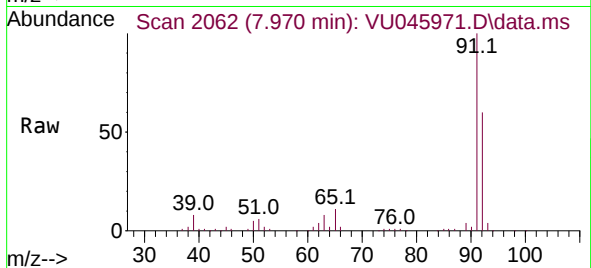
ClientSampleId :

Tgt Ion: 91 Resp: 146822

Ion Ratio Lower Upper

91 100

92 59.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.375 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045971.D

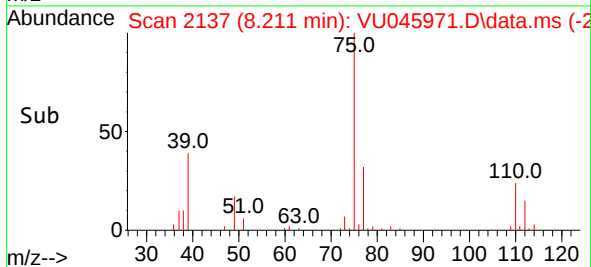
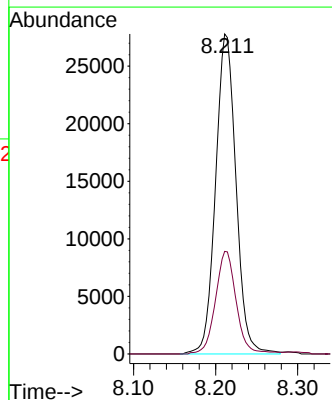
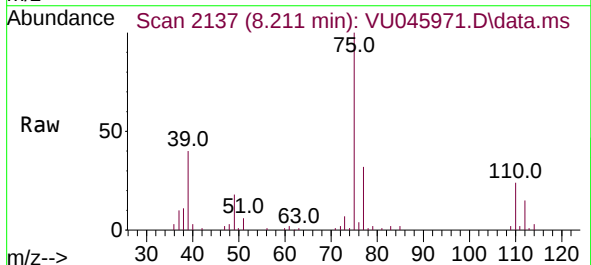
Acq: 23 Nov 2021 21:18

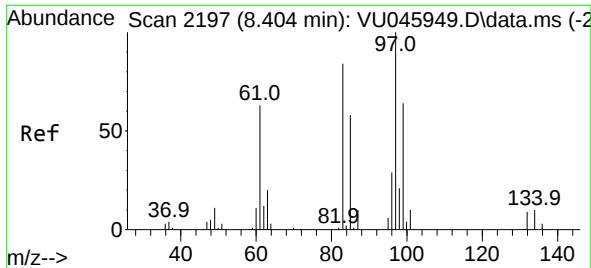
Tgt Ion: 75 Resp: 48165

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.3

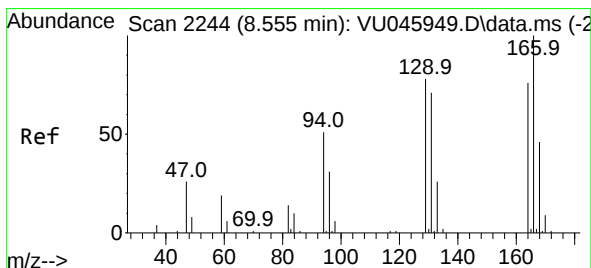
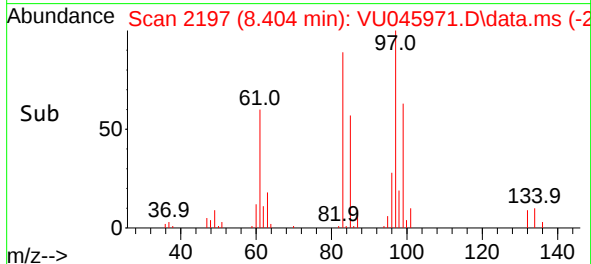
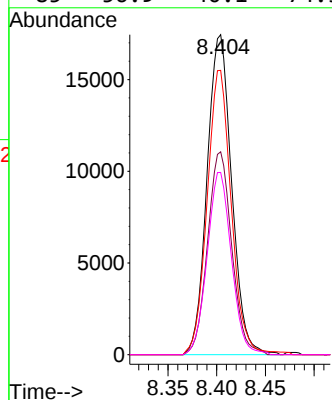
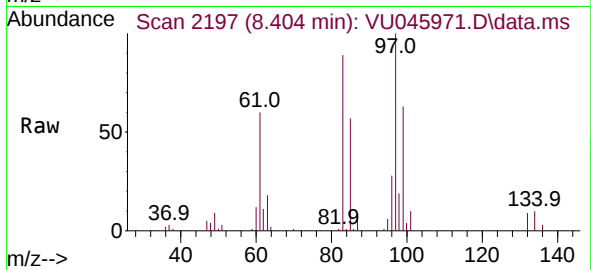




#45
1,1,2-Trichloroethane
Concen: 5.695 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

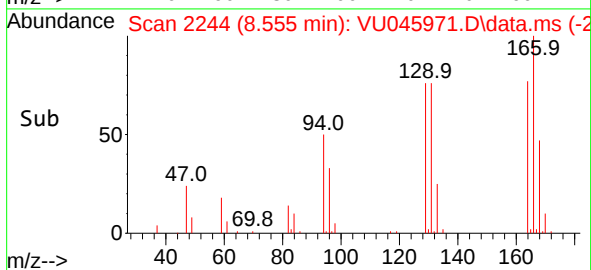
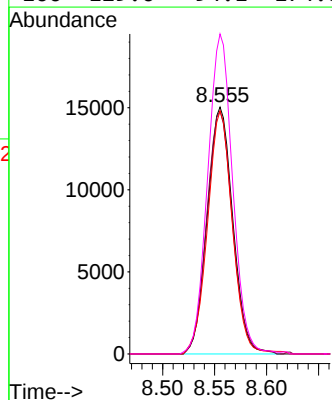
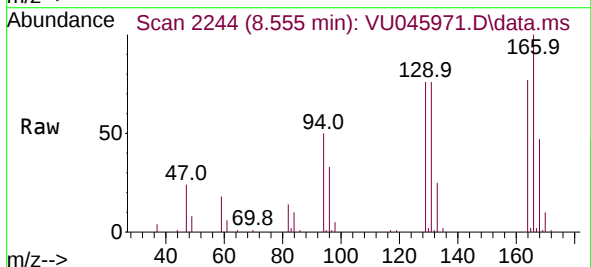
Instrument :
MSVOA_U
ClientSampleId :

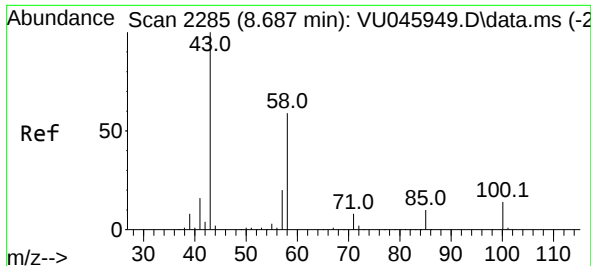
Tgt Ion:	97	Resp:	30643
Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.3	78.5
83	88.9	62.0	115.2
85	56.9	40.1	74.5



#47
Tetrachloroethene
Concen: 5.191 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

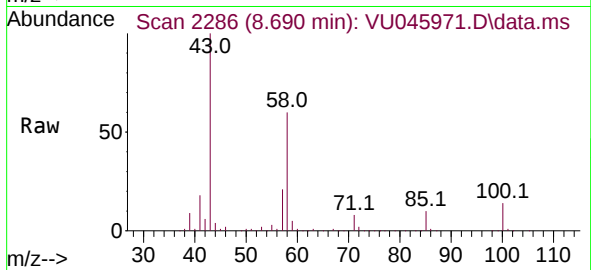
Tgt Ion:	164	Resp:	25797
Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.8	133.4
131	98.4	68.5	127.3
166	129.6	94.1	174.8



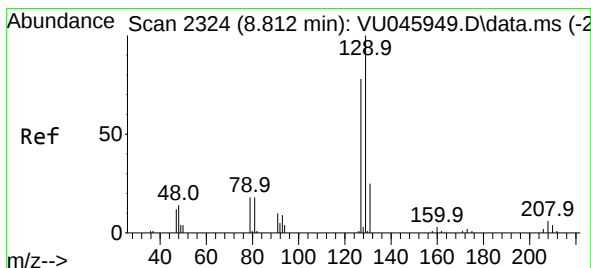
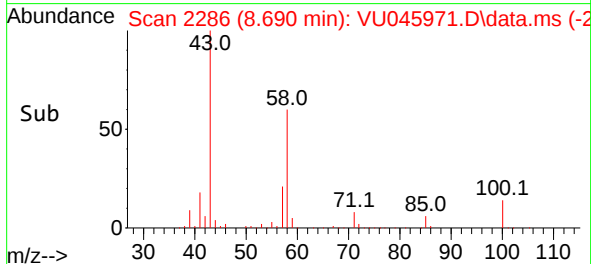
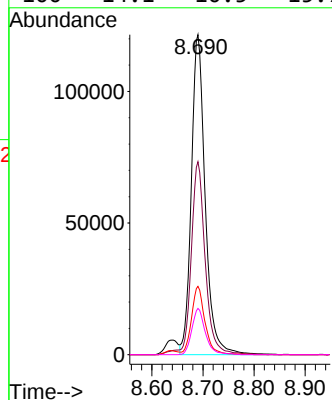


#48
2-Hexanone
Concen: 66.696 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :

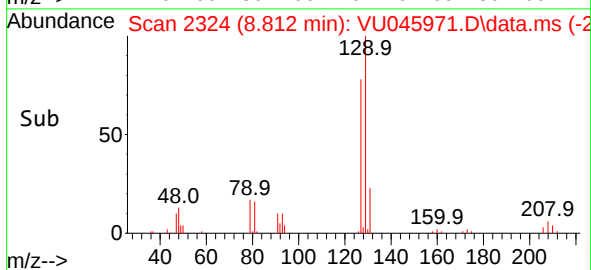
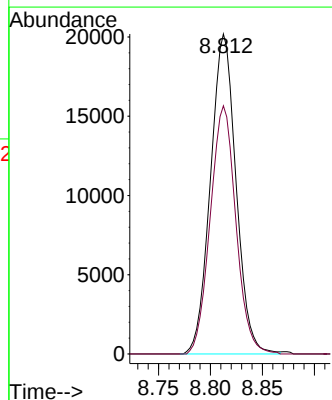
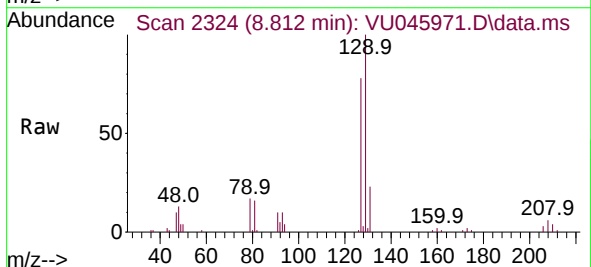


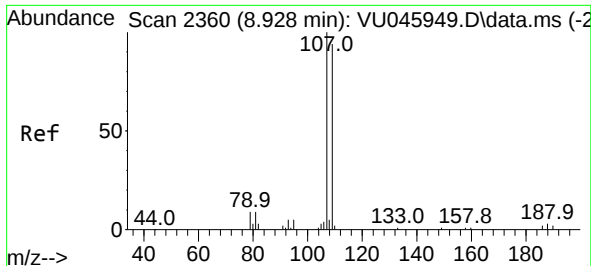
Tgt Ion:	43	58	57	100
Ratio	100	61.0	20.9	14.1
Lower		46.7	16.3	10.5
Upper		70.1	24.5	15.7



#49
Dibromochloromethane
Concen: 5.635 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion:	129	127
Ratio	100	77.6
Lower		55.4
Upper		102.8





#50

1,2-Dibromoethane

Concen: 5.856 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045971.D

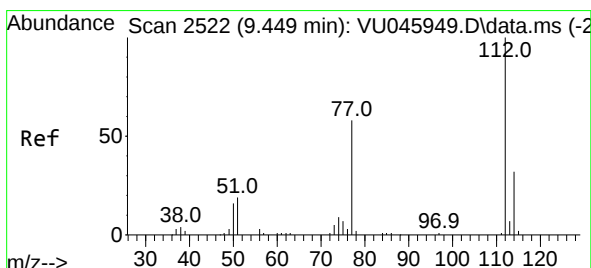
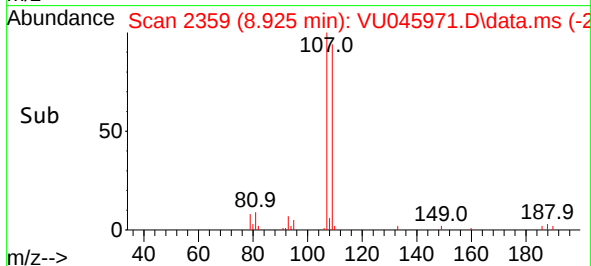
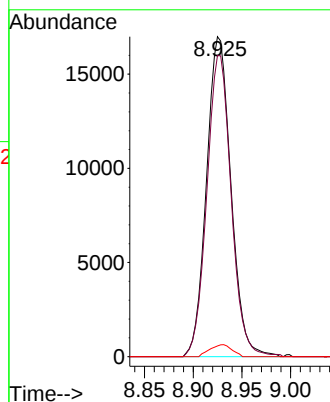
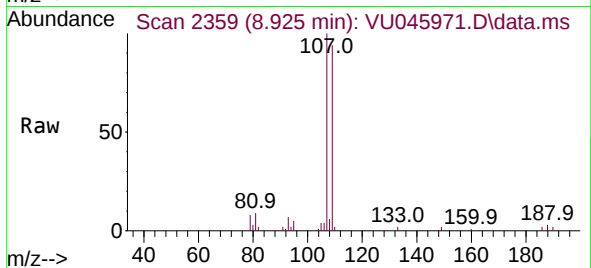
Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	29690
Ion Ratio	Lower	Upper
107	100	
109	94.1	64.0 119.0
188	3.4	2.4 3.6



#51

Chlorobenzene

Concen: 5.190 ug/L

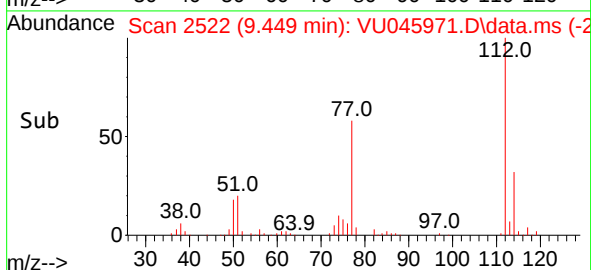
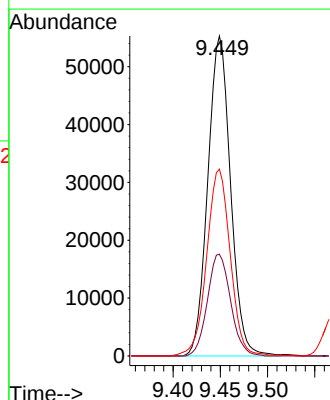
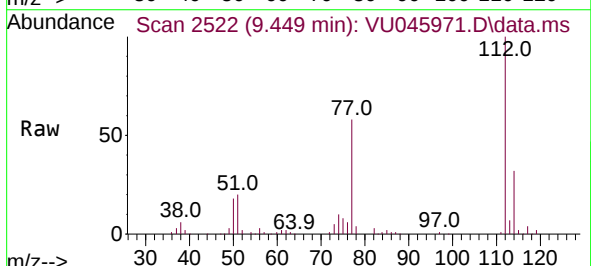
RT: 9.449 min Scan# 2522

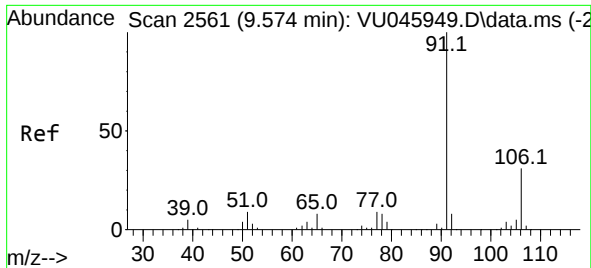
Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Tgt Ion:112	Resp:	92555
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.1 41.1
77	58.4	48.3 72.5

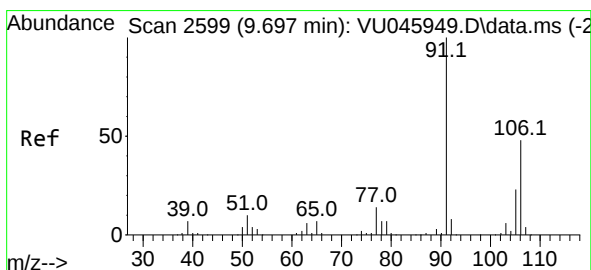
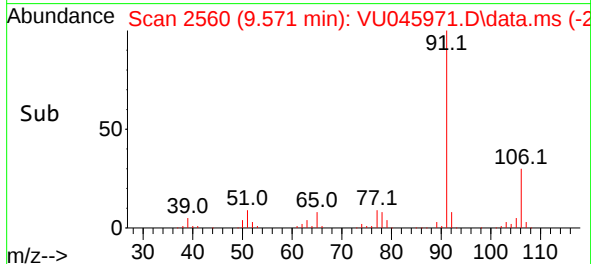
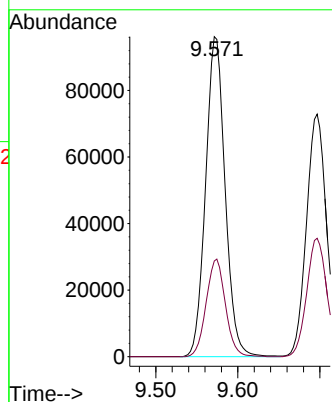
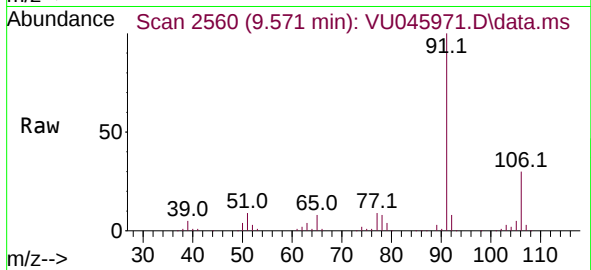




#52
Ethylbenzene
Concen: 5.335 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

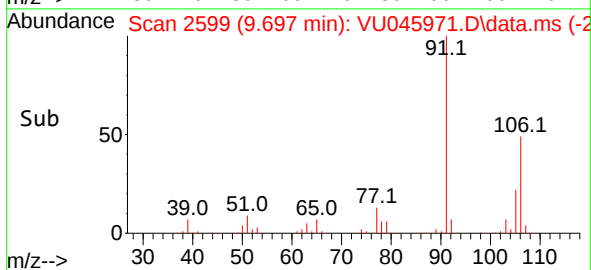
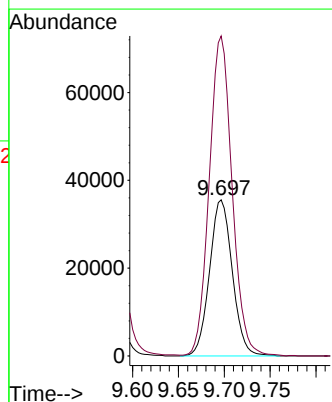
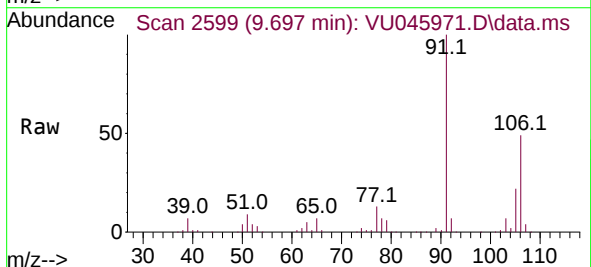
Instrument :
MSVOA_U
ClientSampleId :

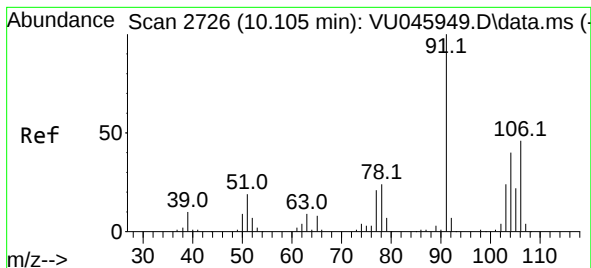
Tgt Ion: 91 Resp: 158777
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.393 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 106 Resp: 61478
Ion Ratio Lower Upper
106 100
91 204.8 139.4 259.0





#54

o-Xylene

Concen: 5.509 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

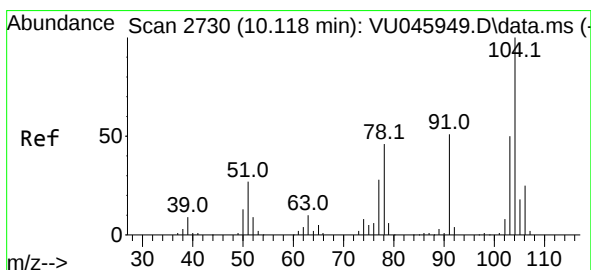
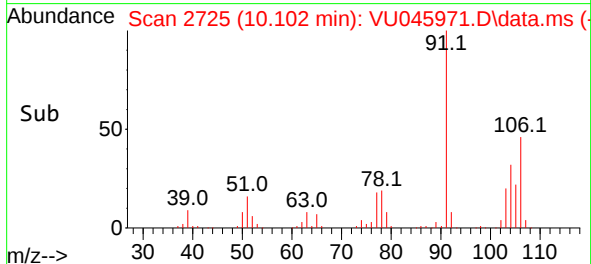
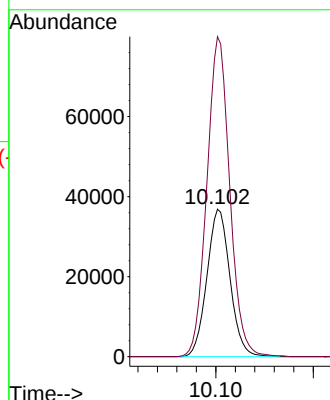
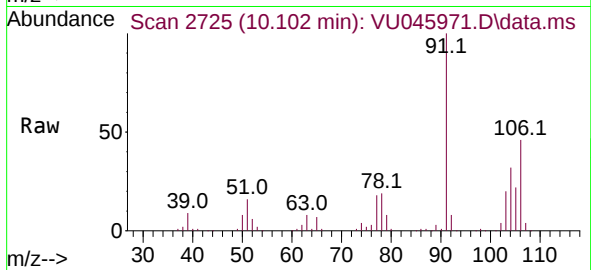
ClientSampleId :

Tgt Ion:106 Resp: 60598

Ion Ratio Lower Upper

106 100

91 217.0 147.5 273.9



#55

Styrene

Concen: 5.550 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU045971.D

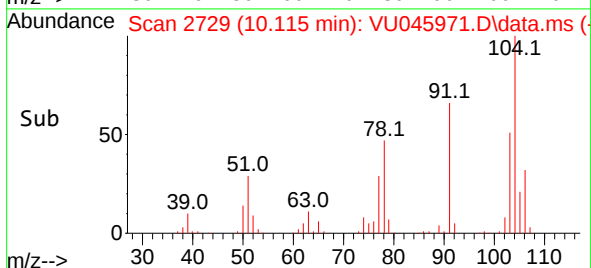
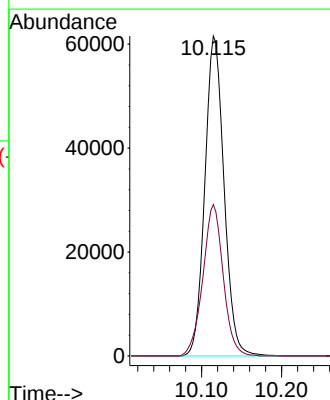
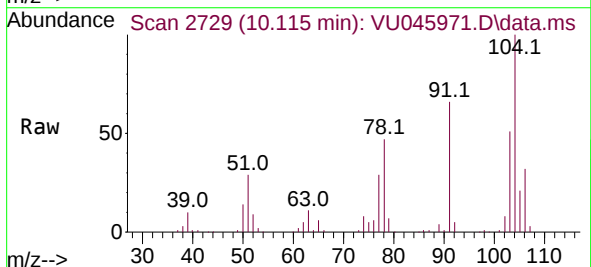
Acq: 23 Nov 2021 21:18

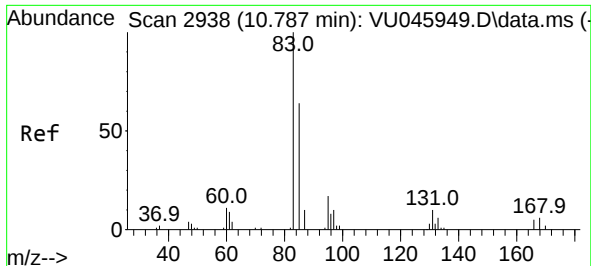
Tgt Ion:104 Resp: 102785

Ion Ratio Lower Upper

104 100

78 47.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.041 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

ClientSampleId :

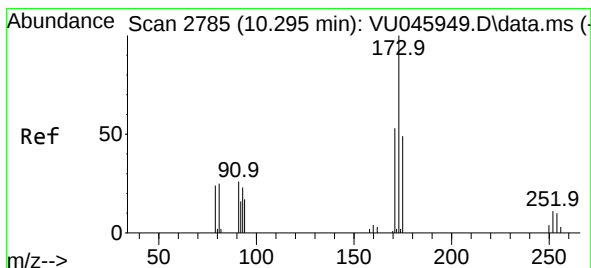
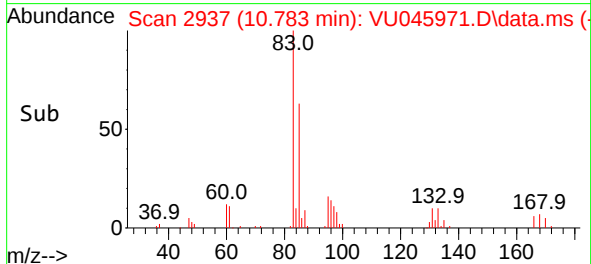
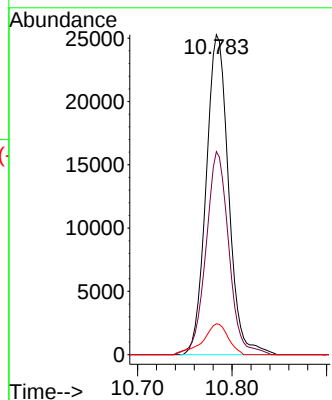
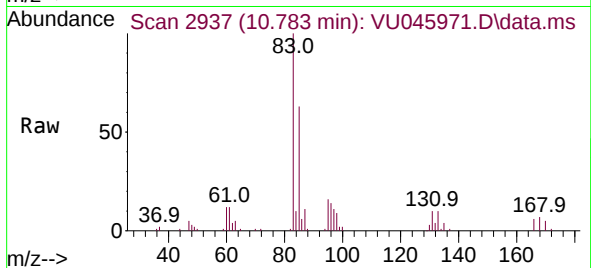
Tgt Ion: 83 Resp: 41638

Ion Ratio Lower Upper

83 100

85 63.4 47.9 89.1

131 9.7 8.1 12.1



#59

Bromoform

Concen: 5.846 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

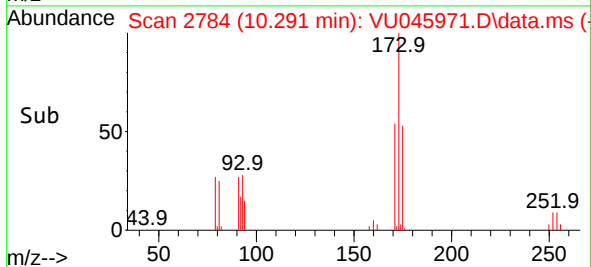
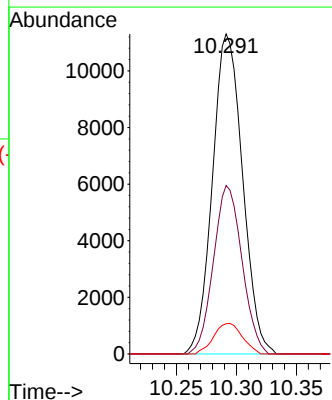
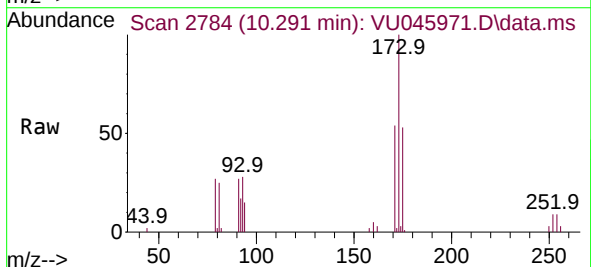
Tgt Ion:173 Resp: 19712

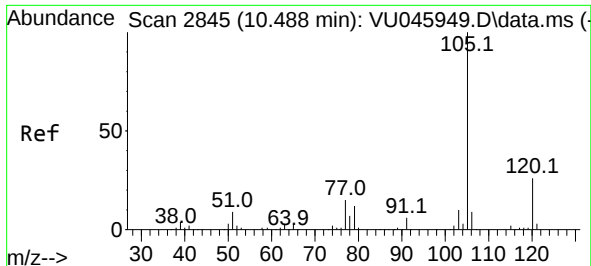
Ion Ratio Lower Upper

173 100

175 49.9 37.8 56.6

254 9.1 7.3 10.9

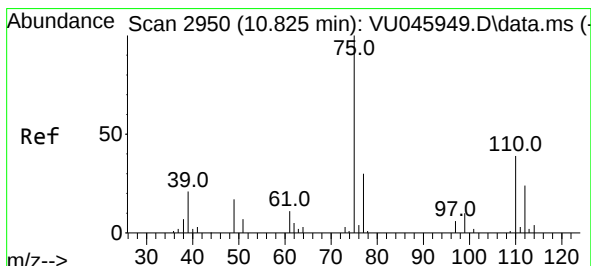
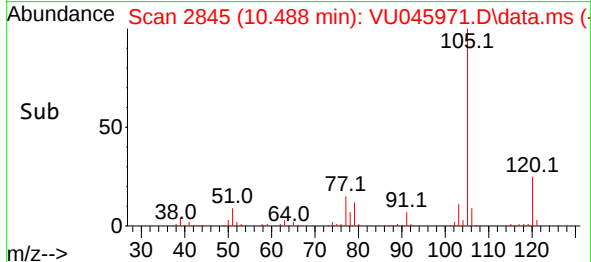
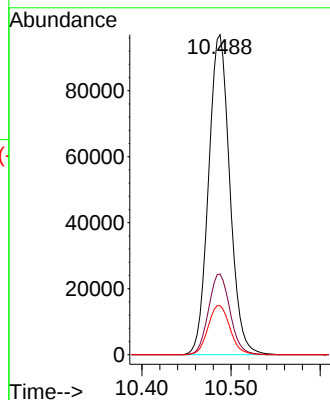
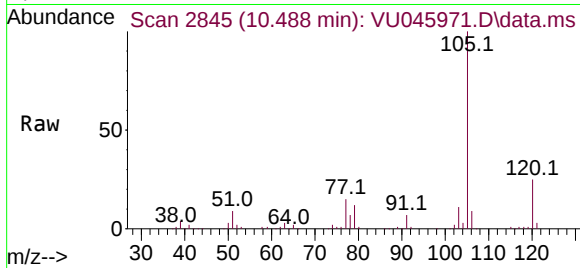




#60
Isopropylbenzene
Concen: 5.368 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

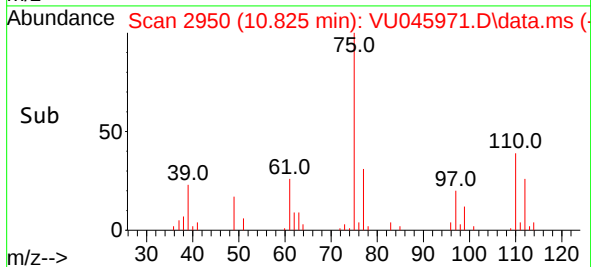
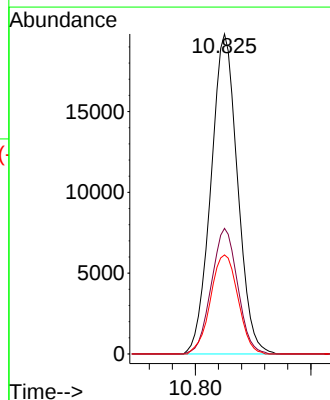
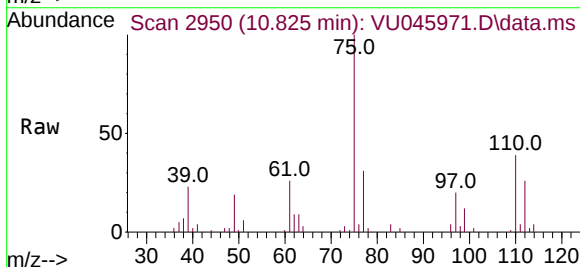
Instrument :
MSVOA_U
ClientSampleId :

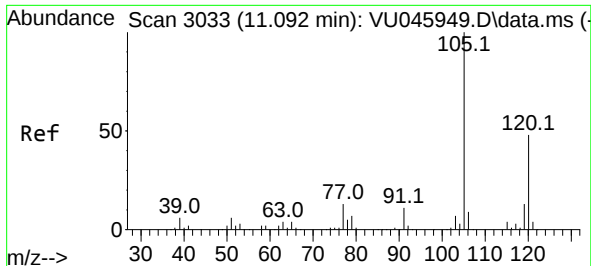
Tgt Ion:105 Resp: 160423
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.990 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
110 38.8 29.9 44.9
77 32.0 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.456 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

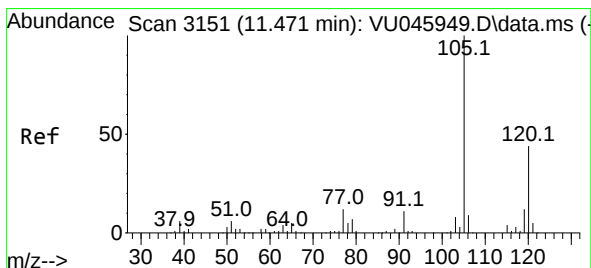
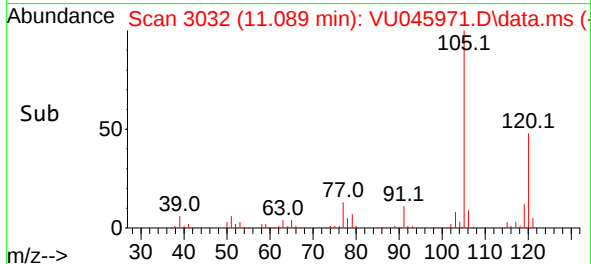
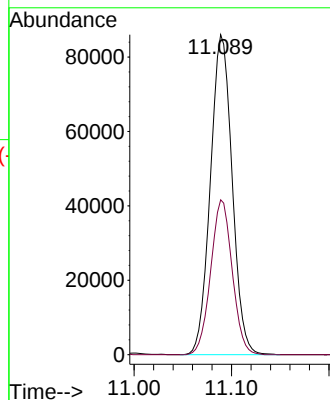
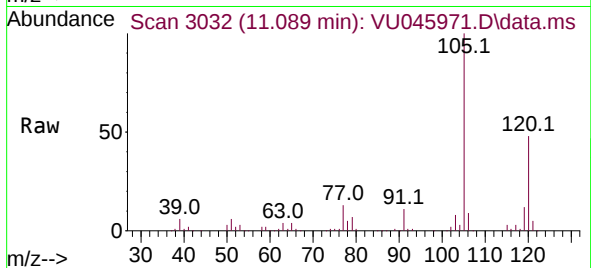
ClientSampleId :

Tgt Ion:105 Resp: 133331

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.461 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045971.D

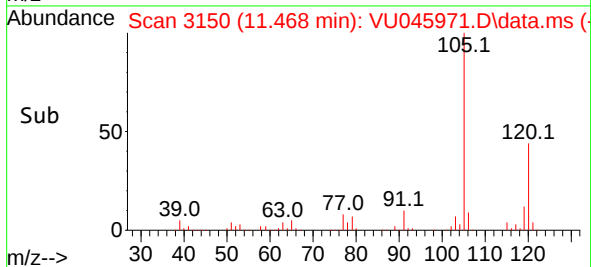
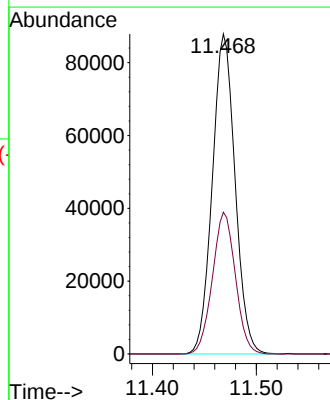
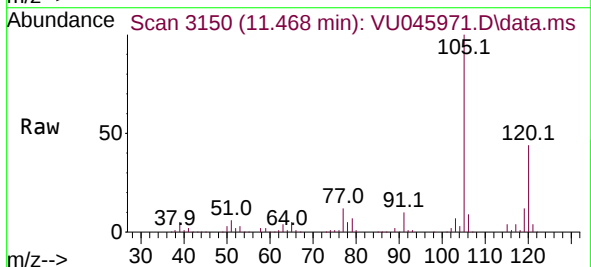
Acq: 23 Nov 2021 21:18

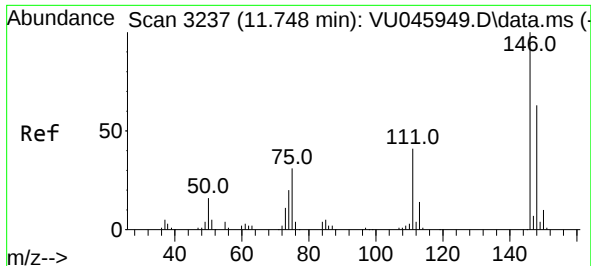
Tgt Ion:105 Resp: 133718

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8

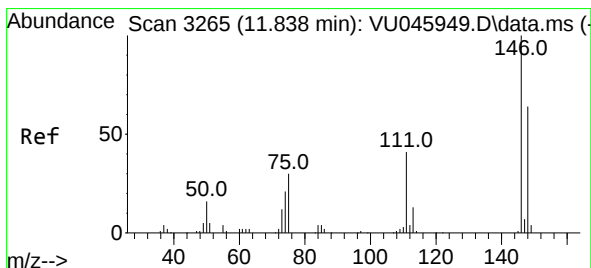
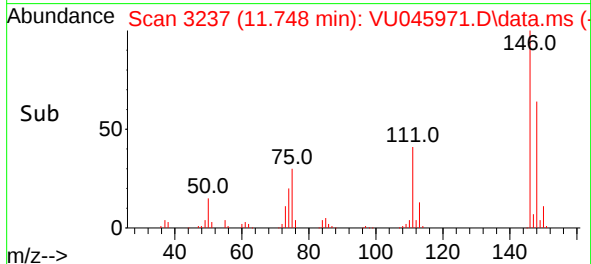
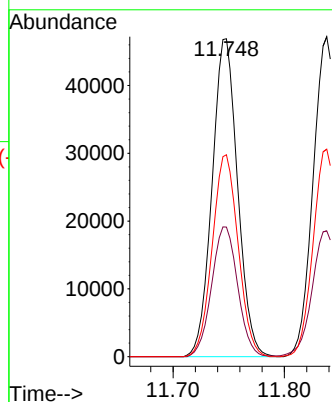
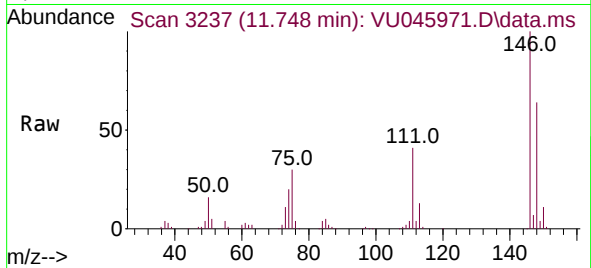




#64
1,3-Dichlorobenzene
Concen: 5.350 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

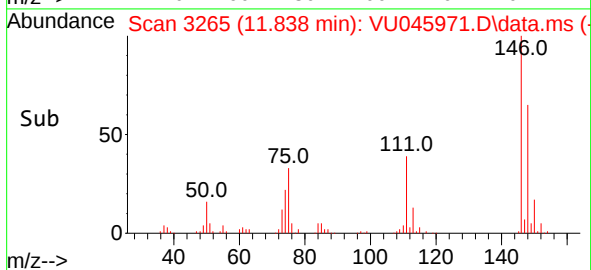
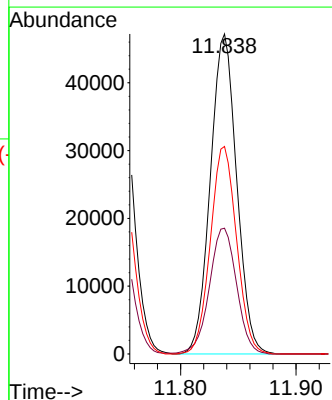
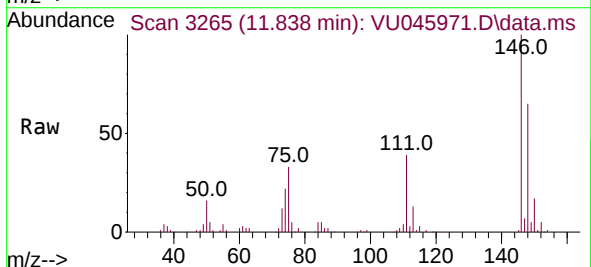
Instrument :
MSVOA_U
ClientSampleId :

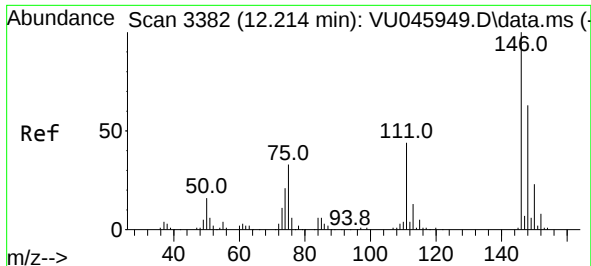
Tgt Ion:146 Resp: 74598
Ion Ratio Lower Upper
146 100
111 40.7 29.9 55.5
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.280 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion:146 Resp: 74792
Ion Ratio Lower Upper
146 100
111 39.3 28.7 53.3
148 64.8 45.8 85.0

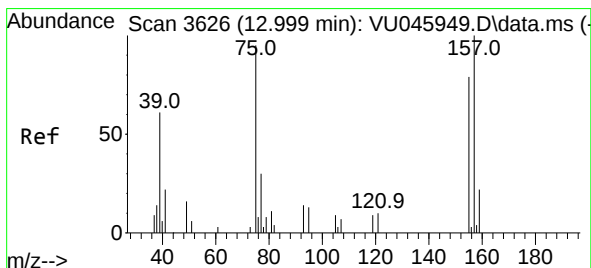
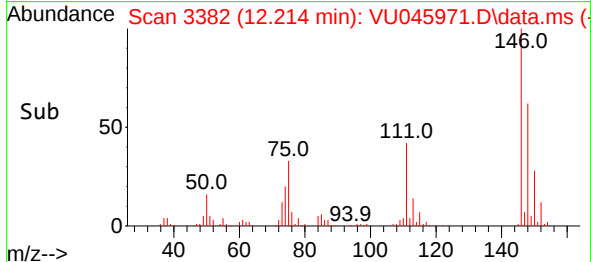
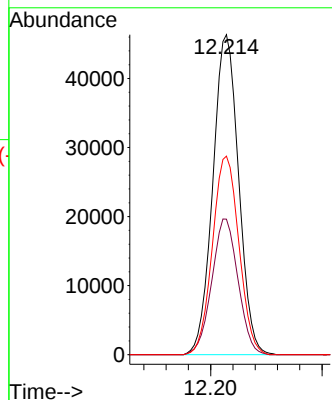
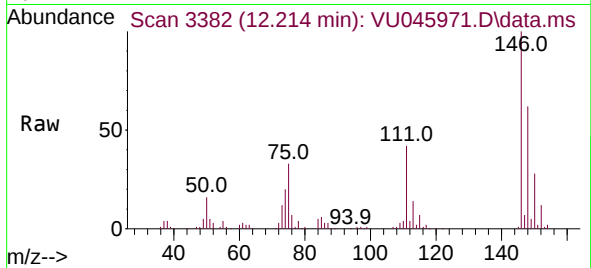




#67
1,2-Dichlorobenzene
Concen: 5.571 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

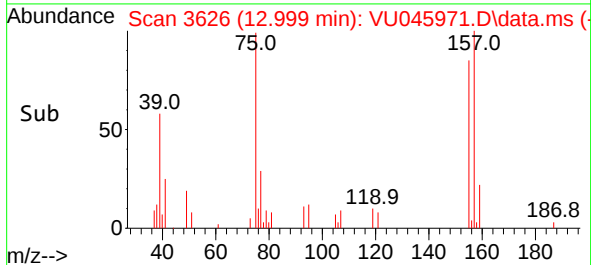
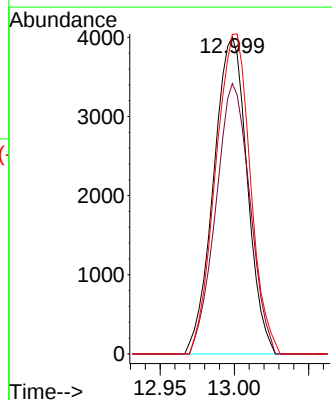
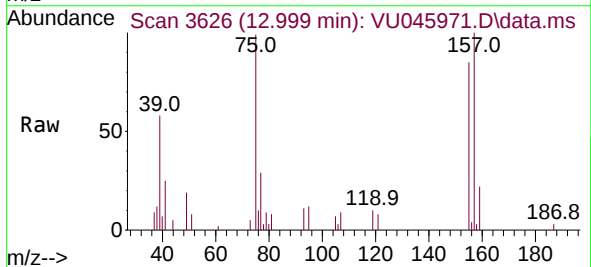
Instrument :
MSVOA_U
ClientSampleId :

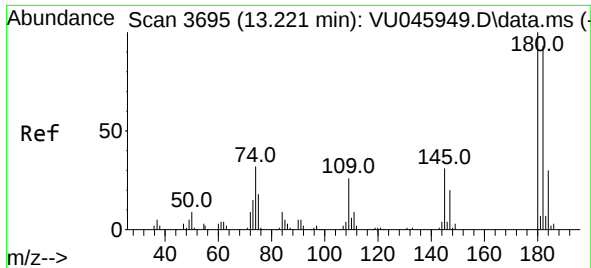
Tgt Ion:146 Resp: 74478
Ion Ratio Lower Upper
146 100
111 42.4 35.4 53.0
148 62.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.721 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion: 75 Resp: 6290
Ion Ratio Lower Upper
75 100
155 85.3 59.2 88.8
157 100.8 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.332 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 55613

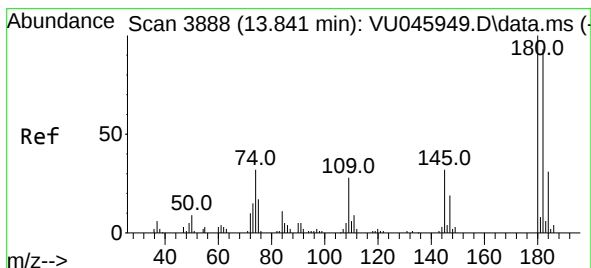
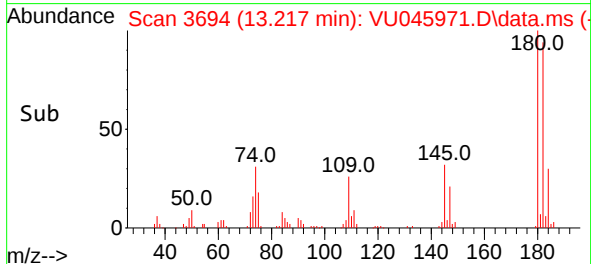
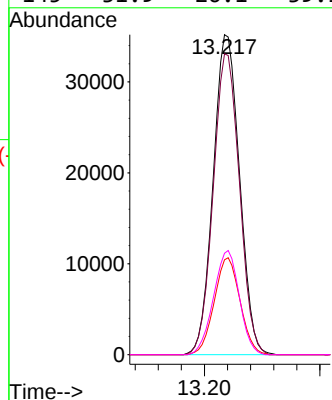
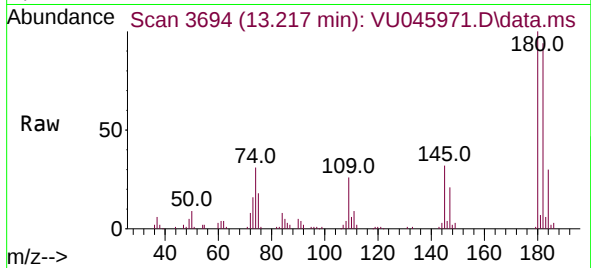
Ion Ratio Lower Upper

180 100

182 93.7 76.1 114.1

184 29.8 25.0 37.4

145 31.9 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.487 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU045971.D

Acq: 23 Nov 2021 21:18

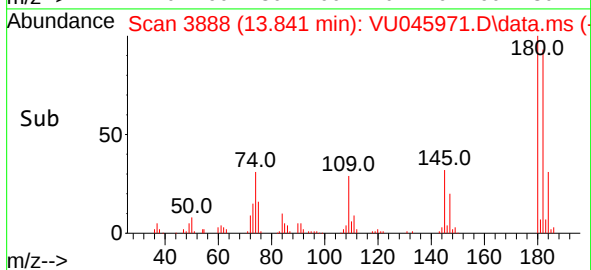
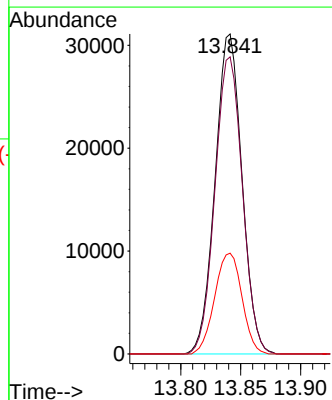
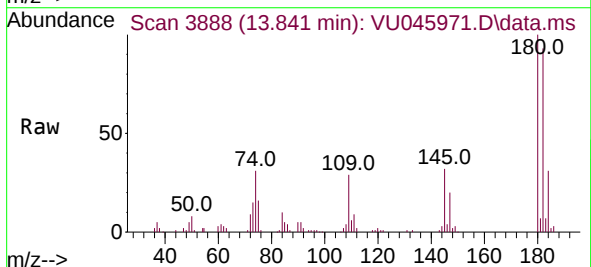
Tgt Ion:180 Resp: 48424

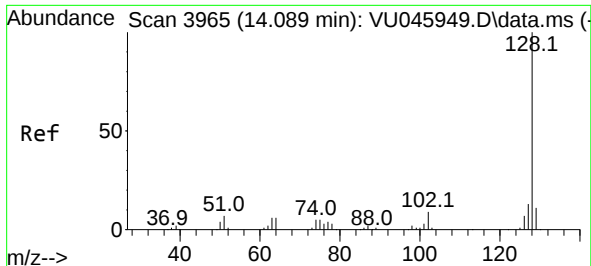
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 31.9 25.6 38.4

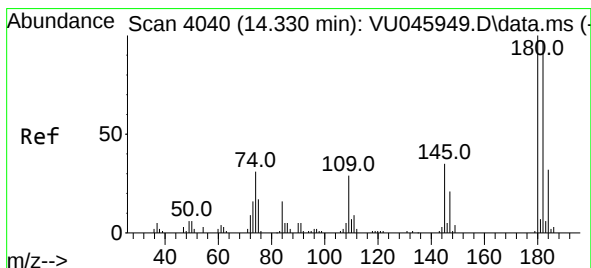
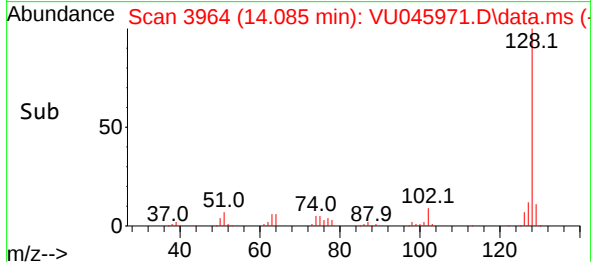
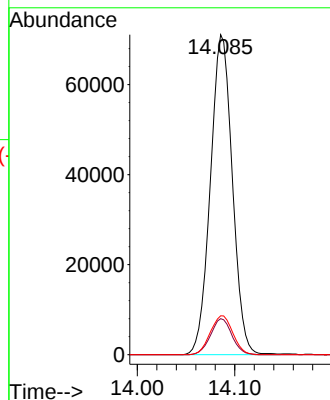
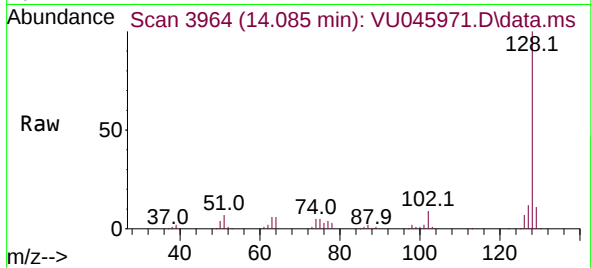




#71
Naphthalene
Concen: 6.132 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 111180
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.578 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045971.D
Acq: 23 Nov 2021 21:18

Tgt Ion:180 Resp: 48987
Ion Ratio Lower Upper
180 100
182 93.6 76.2 114.4
145 33.4 28.4 42.6

