

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU046007.D
 Acq On : 24 Nov 2021 20:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:23:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28818	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.916	69	25083	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.572	65	12184	4.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.655	46	122805	63.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.500%
24) Chloroform-d	5.067	84	56964	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.707	65	34829	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	115607	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.694	67	36929	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	101297	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.179	79	15866	5.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.636	63	89593	62.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38242	5.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40437	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33661	4.556	ug/L	99
3) Chloromethane	1.520	50	30853	3.941	ug/L	98
5) Vinyl chloride	1.607	62	33915	4.316	ug/L	98
6) Bromomethane	1.861	94	16198	3.476	ug/L	97
8) Chloroethane	1.938	64	20541	4.585	ug/L	98
9) Trichlorofluoromethane	2.144	101	48916	4.822	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28843	4.849	ug/L	100
12) 1,1-Dichloroethene	2.584	96	26105	4.648	ug/L	83
13) Acetone	2.694	43	25519	22.506	ug/L	79
14) Carbon disulfide	2.797	76	70243	3.954	ug/L	99
15) Methyl Acetate	2.970	43	15999	5.751	ug/L	98
16) Methylene chloride	3.051	84	32489	3.918	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	78942	5.399	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	28250	4.692	ug/L	91
19) 1,1-Dichloroethane	3.874	63	53675	4.759	ug/L	99
21) 2-Butanone	4.732	43	108140	56.684	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32442	4.970	ug/L	99
23) Bromochloromethane	4.977	128	15319	5.384	ug/L	97
25) Chloroform	5.092	83	59574	4.869	ug/L	97

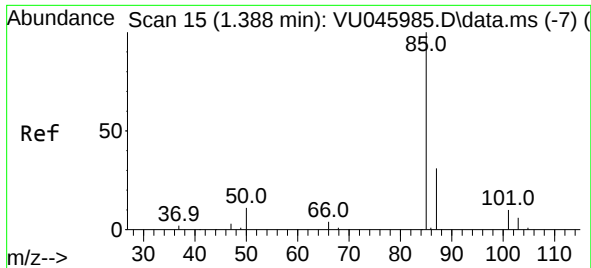
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	37596	4.815	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	48908	5.019	ug/L	99
30) Cyclohexane	5.395	56	43769	4.529	ug/L	98
31) Carbon tetrachloride	5.526	117	40469	4.938	ug/L	100
33) Benzene	5.777	78	119336	4.768	ug/L	100
34) Trichloroethene	6.546	95	31336	4.858	ug/L	98
35) Methylcyclohexane	6.764	83	44856	4.528	ug/L	99
37) 1,2-Dichloropropane	6.793	63	32439	4.925	ug/L	98
38) Bromodichloromethane	7.108	83	41215	5.071	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	45776	4.891	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	253129	58.591	ug/L	98
42) Toluene	7.970	91	130261	5.042	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	41974	5.155	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	26741	5.469	ug/L	95
47) Tetrachloroethene	8.555	164	22456	4.973	ug/L	97
48) 2-Hexanone	8.690	43	191897	61.484	ug/L	97
49) Dibromochloromethane	8.813	129	30137	5.411	ug/L	97
50) 1,2-Dibromoethane	8.925	107	26152	5.677	ug/L	99
51) Chlorobenzene	9.449	112	83737	5.167	ug/L	99
52) Ethylbenzene	9.571	91	139303	5.151	ug/L	98
53) m,p-Xylene	9.697	106	54670	5.278	ug/L	98
54) o-Xylene	10.102	106	52542	5.256	ug/L	95
55) Styrene	10.115	104	92336	5.487	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	34688	5.539	ug/L	95
59) Bromoform	10.292	173	17338	5.716	ug/L	98
60) Isopropylbenzene	10.488	105	141753	5.273	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27148	5.711	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	116051	5.279	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	116537	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	66535	5.305	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	65746	5.160	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	64220	5.340	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5013	5.069	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	47875	5.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41218	5.192	ug/L	100
71) Naphthalene	14.086	128	88541	5.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40862	5.173	ug/L	98

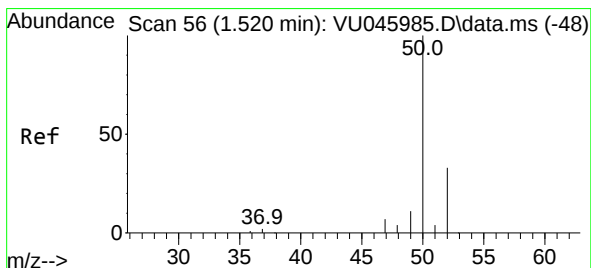
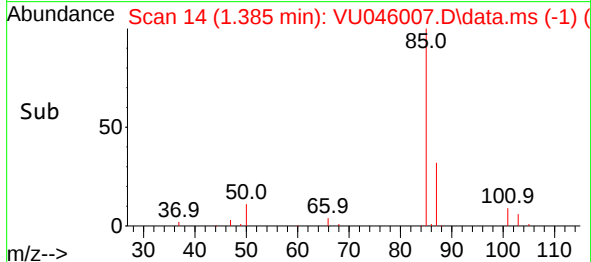
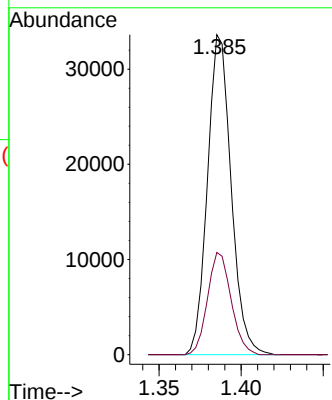
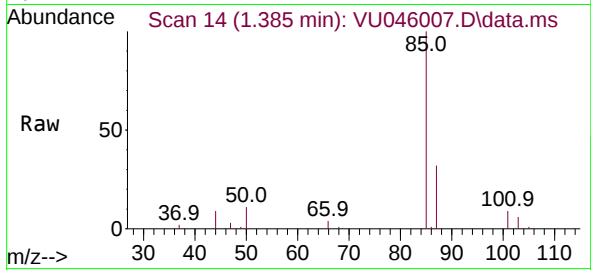
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#2
 Dichlorodifluoromethane
 Concen: 4.556 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

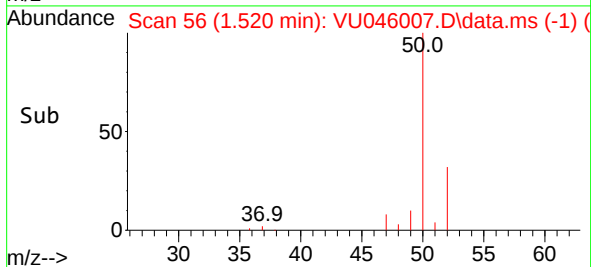
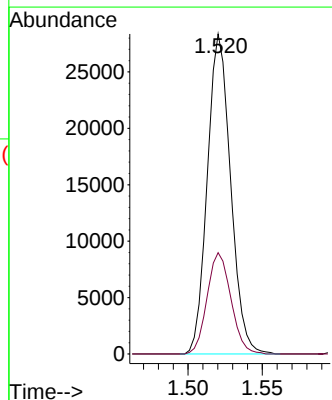
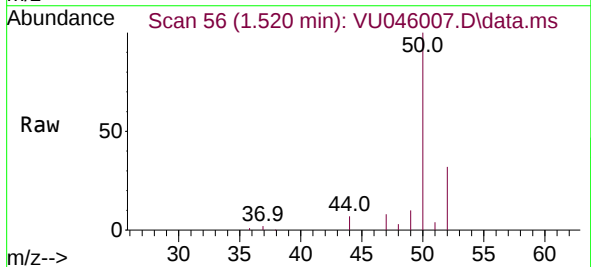
Instrument :
 MSVOA_U
 ClientSampleId :

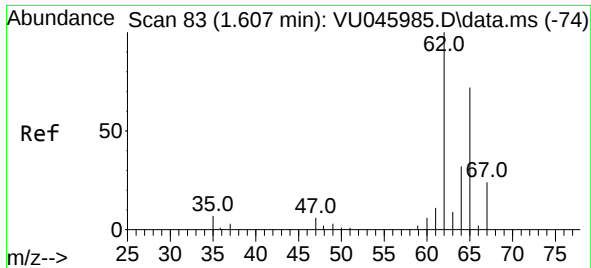
Tgt Ion: 85 Resp: 33661
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 3.941 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

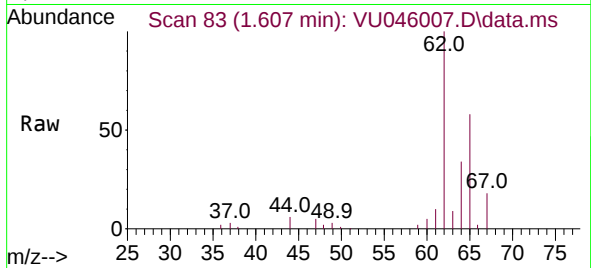
Tgt Ion: 50 Resp: 30853
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.8



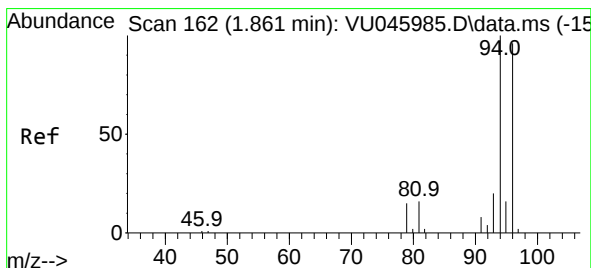
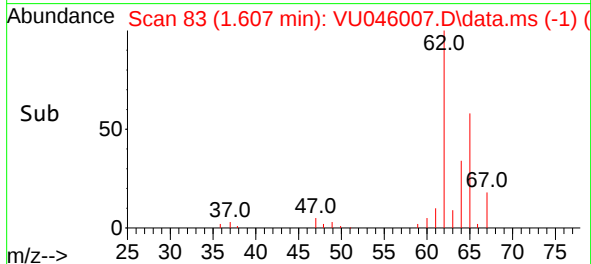
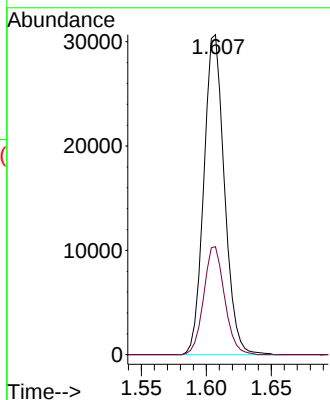


#5
 Vinyl chloride
 Concen: 4.316 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

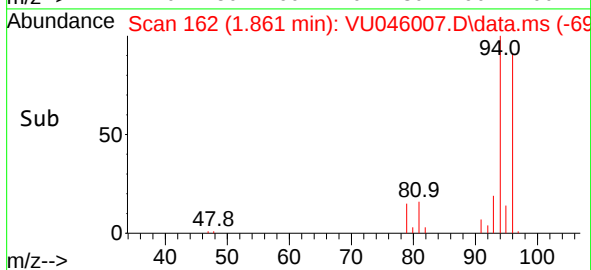
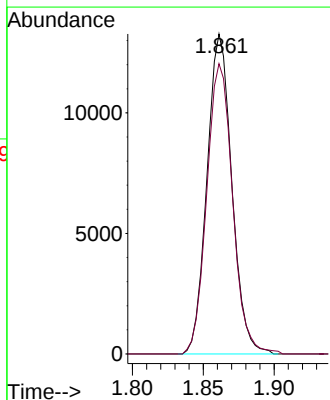
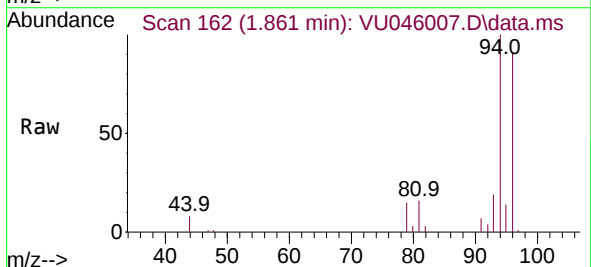


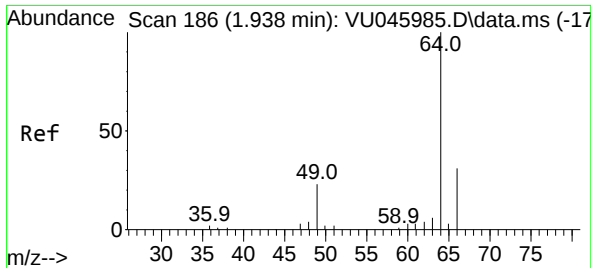
Tgt Ion: 62 Resp: 33915
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.9 42.5



#6
 Bromomethane
 Concen: 3.476 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 94 Resp: 16198
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.5 121.6

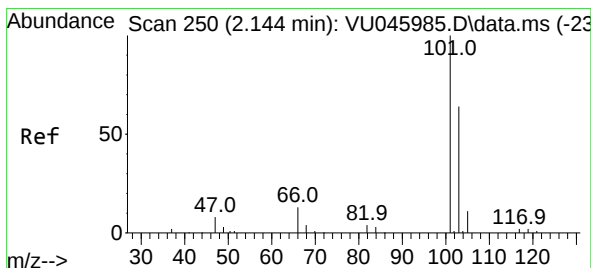
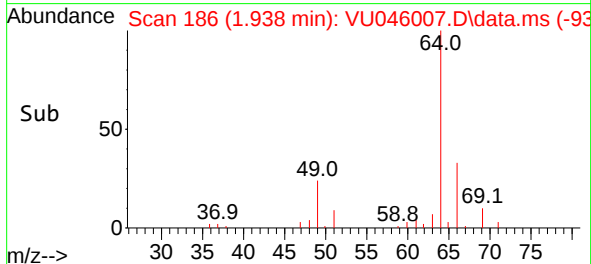
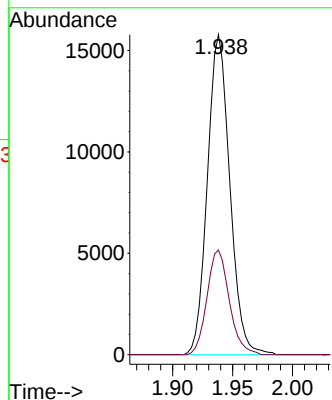
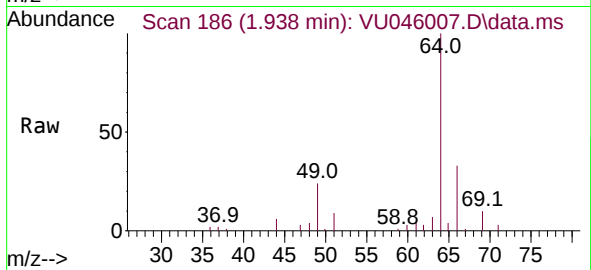




#8
Chloroethane
Concen: 4.585 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

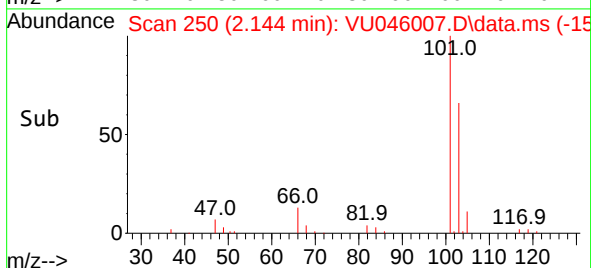
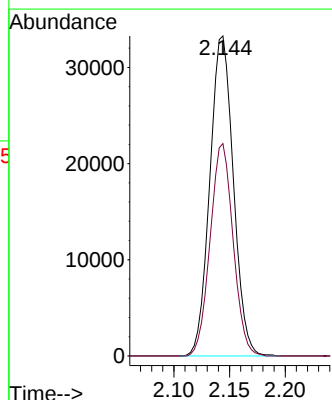
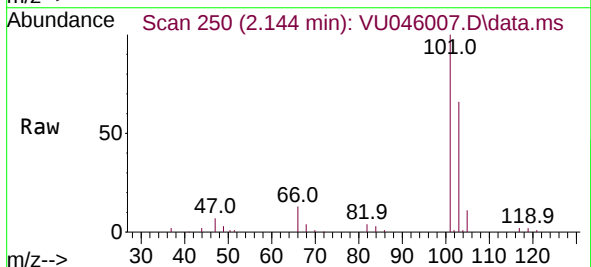
Instrument :
MSVOA_U
ClientSampleId :

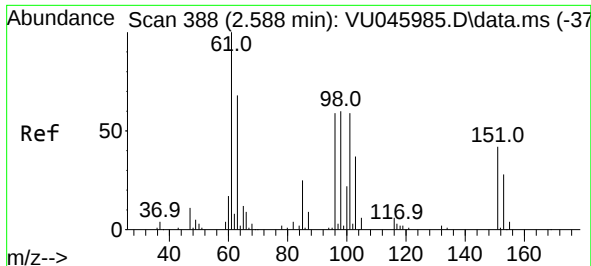
Tgt Ion: 64 Resp: 20541
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.822 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion:101 Resp: 48916
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

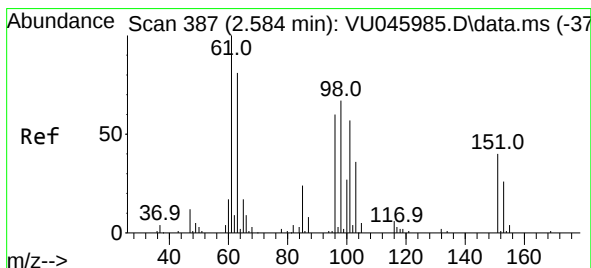
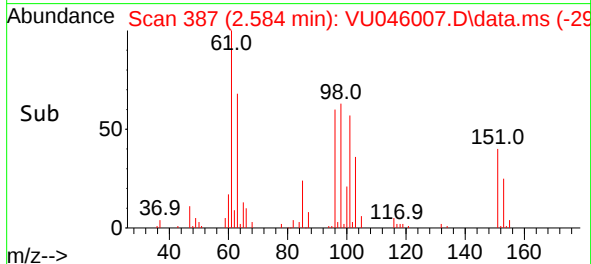
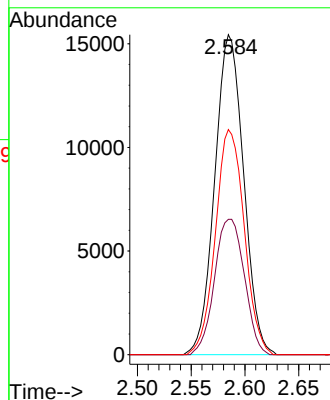
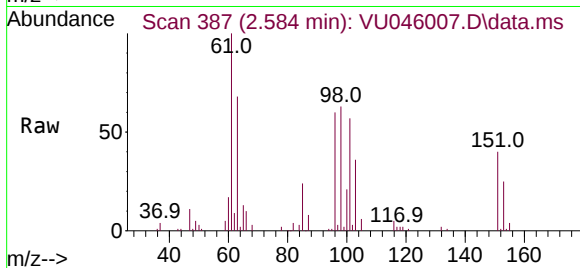




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.849 ug/L
 RT: 2.584 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

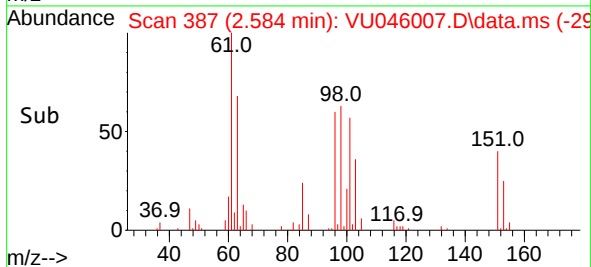
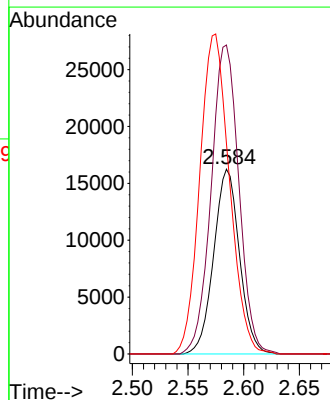
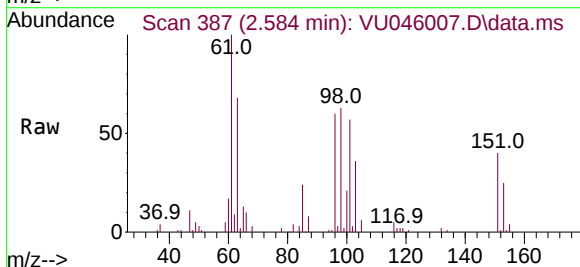
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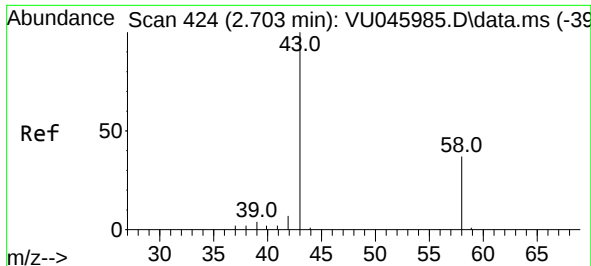
Tgt Ion:101 Resp: 28843
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.6 51.8
 151 70.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.648 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 96 Resp: 26105
 Ion Ratio Lower Upper
 96 100
 61 167.1 124.7 231.5
 63 113.9 105.2 195.4





#13

Acetone

Concen: 22.506 ug/L

RT: 2.694 min Scan# 41

Delta R.T. -0.009 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

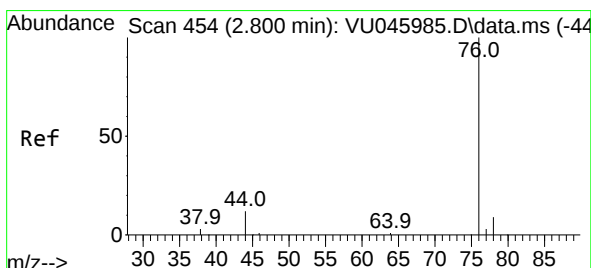
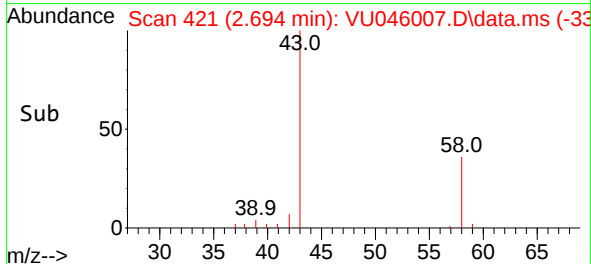
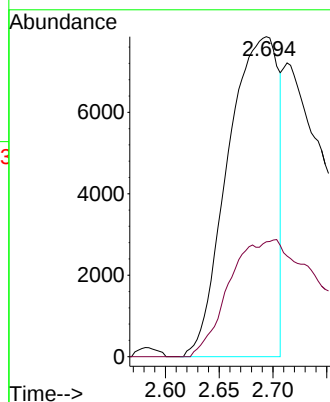
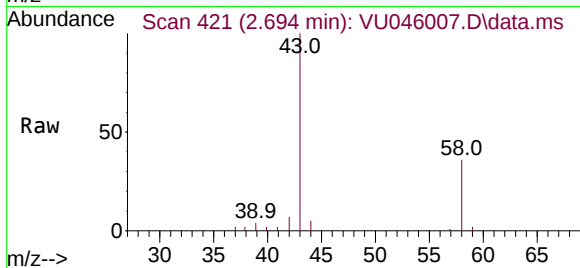
ClientSampleId :

Tgt Ion: 43 Resp: 25519

Ion Ratio Lower Upper

43 100

58 23.3 0.0 71.6



#14

Carbon disulfide

Concen: 3.954 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046007.D

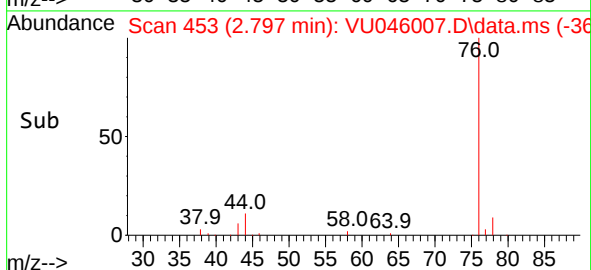
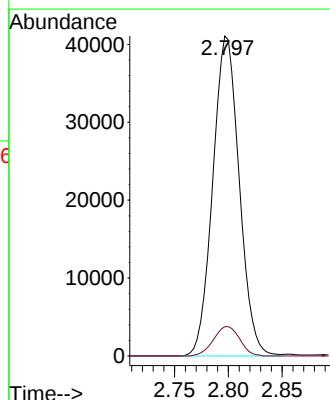
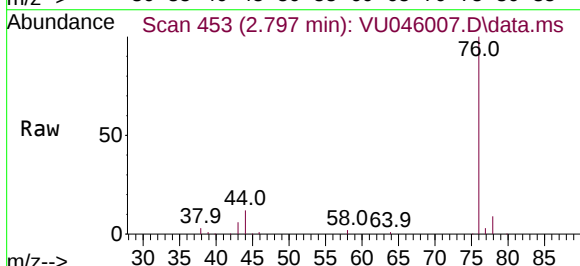
Acq: 24 Nov 2021 20:14

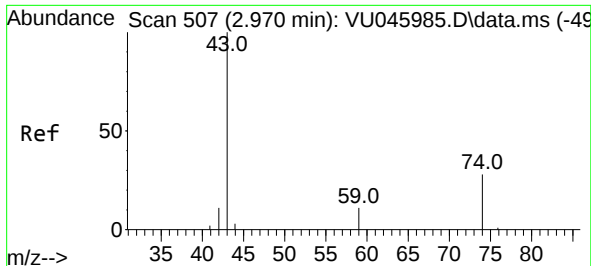
Tgt Ion: 76 Resp: 70243

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

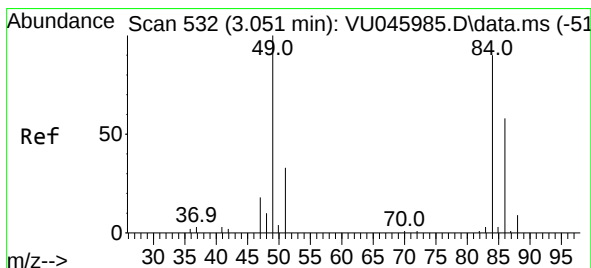
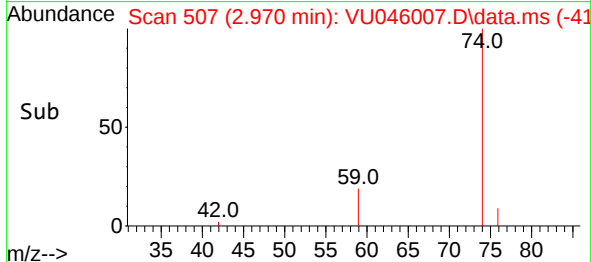
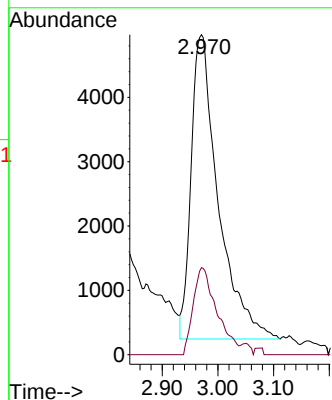
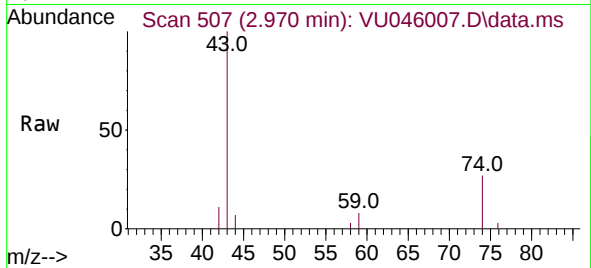




#15
Methyl Acetate
Concen: 5.751 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

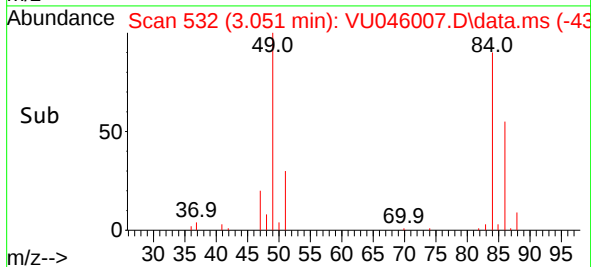
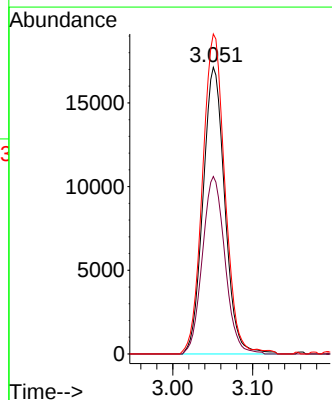
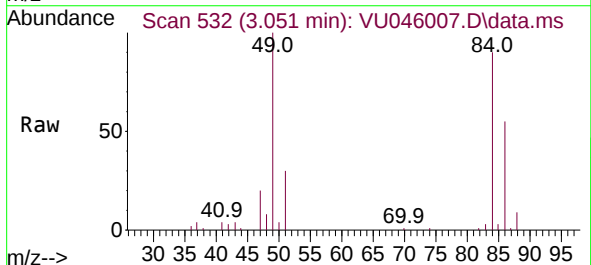
Instrument :
MSVOA_U
ClientSampleId :

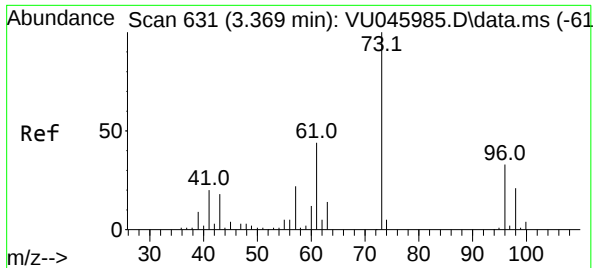
Tgt Ion: 43 Resp: 15999
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7



#16
Methylene chloride
Concen: 3.918 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 84 Resp: 32489
Ion Ratio Lower Upper
84 100
86 61.9 45.8 85.0
49 111.6 84.5 156.9

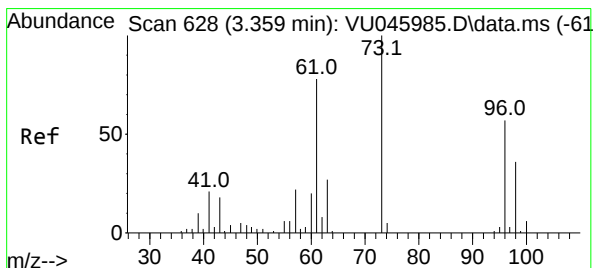
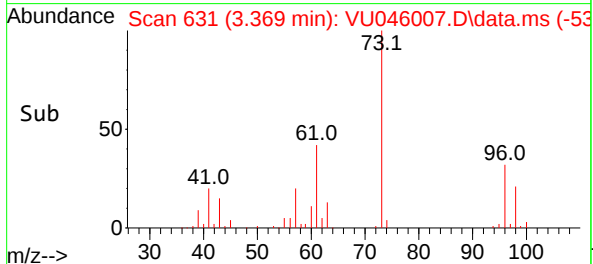
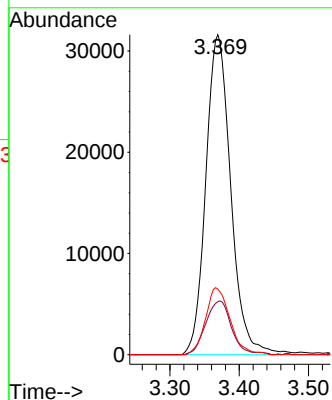
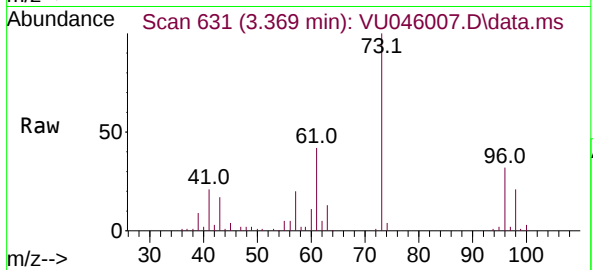




#17
Methyl tert-butyl Ether
Concen: 5.399 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

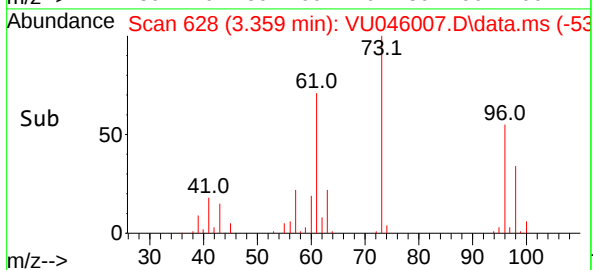
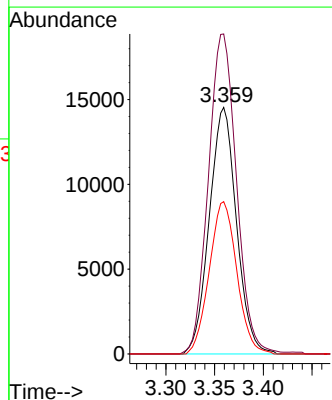
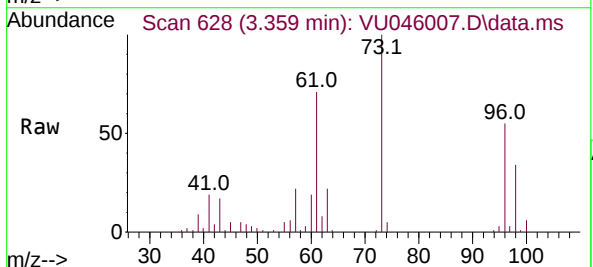
Instrument :
MSVOA_U
ClientSampleId :

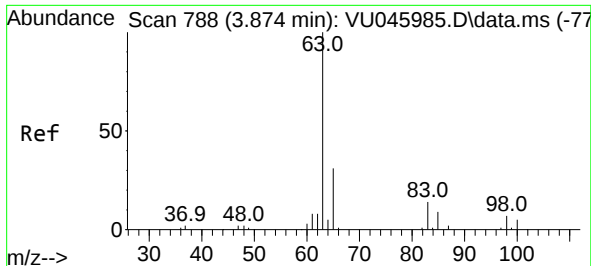
Tgt Ion: 73	Resp:	78942
Ion Ratio	Lower	Upper
73	100	
43	17.2	14.8 22.2
57	20.6	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.692 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 96	Resp:	28250
Ion Ratio	Lower	Upper
96	100	
61	129.8	100.8 187.2
98	61.8	45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.759 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

ClientSampleId :

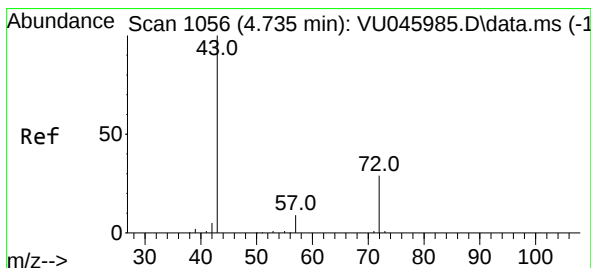
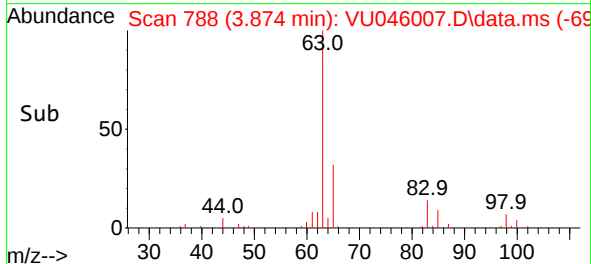
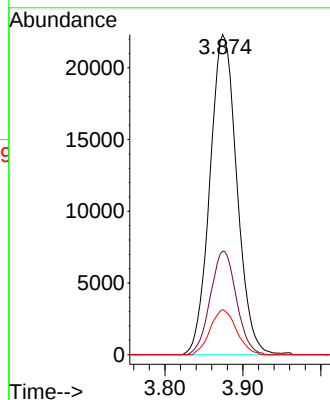
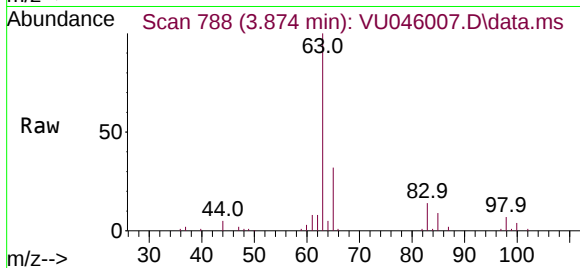
Tgt Ion: 63 Resp: 53675

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 56.684 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU046007.D

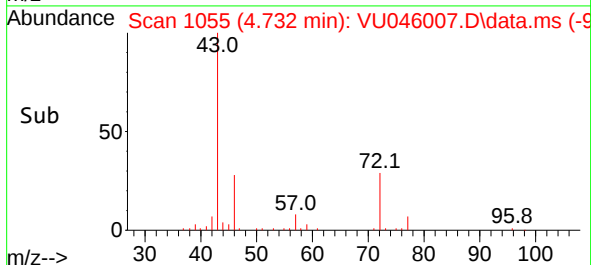
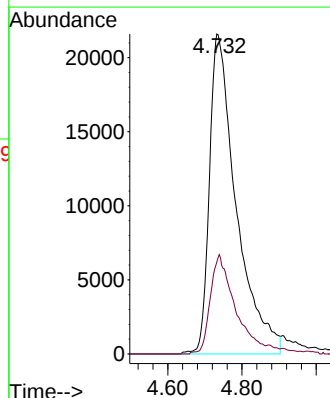
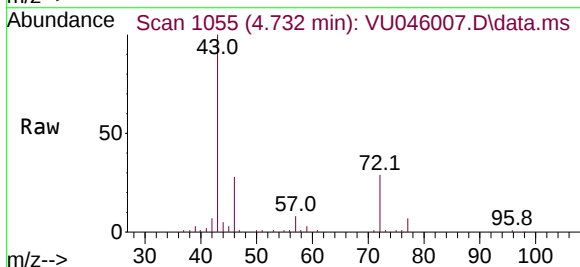
Acq: 24 Nov 2021 20:14

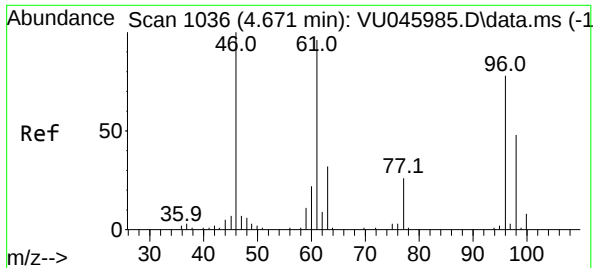
Tgt Ion: 43 Resp: 108140

Ion Ratio Lower Upper

43 100

72 28.6 14.1 42.3

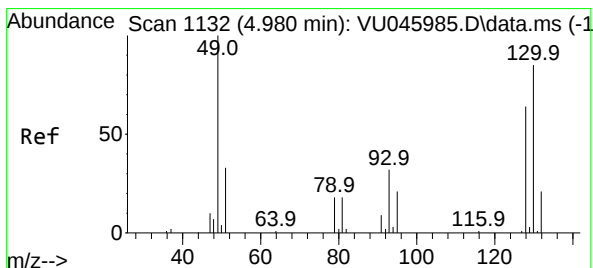
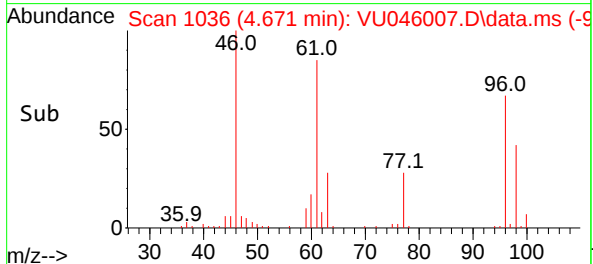
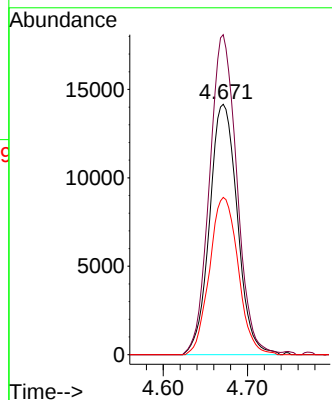
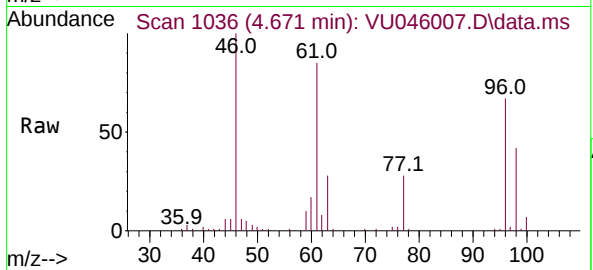




#22
 cis-1,2-Dichloroethene
 Concen: 4.970 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

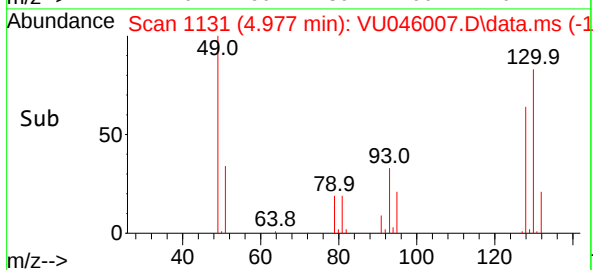
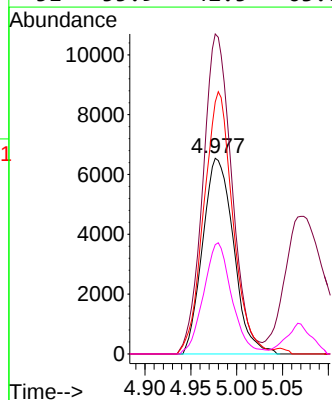
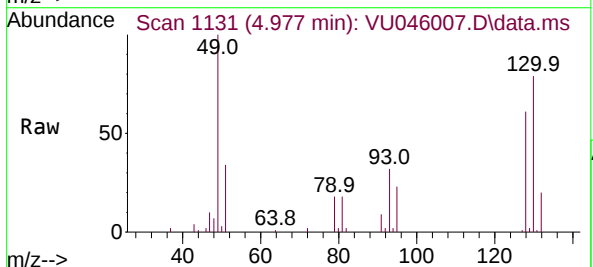
Instrument :
 MSVOA_U
 ClientSampleId :

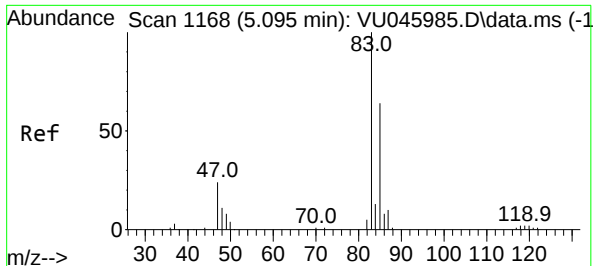
Tgt Ion: 96 Resp: 32442
 Ion Ratio Lower Upper
 96 100
 61 127.8 88.5 164.3
 98 62.8 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.384 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 128 Resp: 15319
 Ion Ratio Lower Upper
 128 100
 49 163.6 117.0 217.2
 130 128.8 88.2 163.8
 51 55.9 42.5 63.7





#25

Chloroform

Concen: 4.869 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

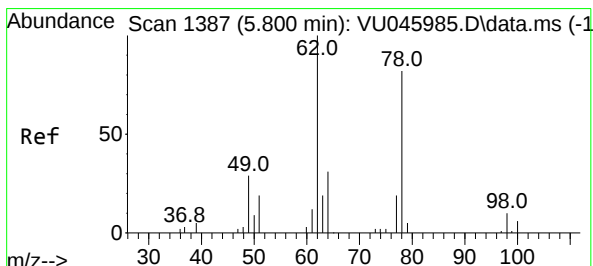
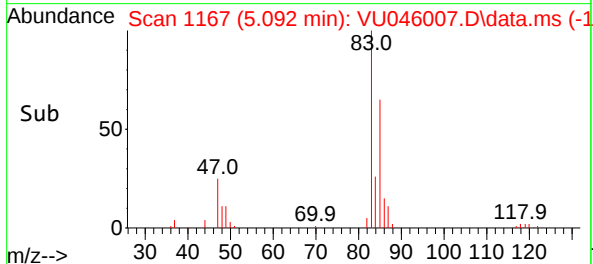
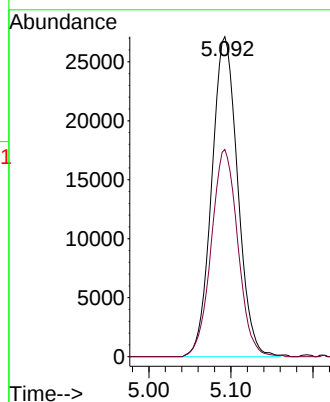
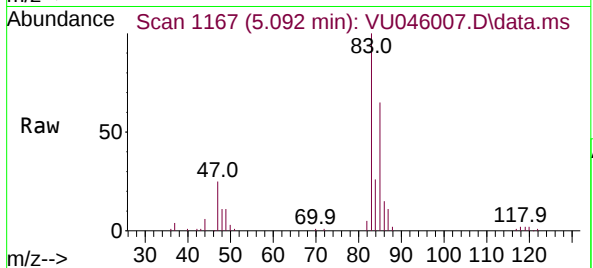
ClientSampleId :

Tgt Ion: 83 Resp: 59574

Ion Ratio Lower Upper

83 100

85 64.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.815 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046007.D

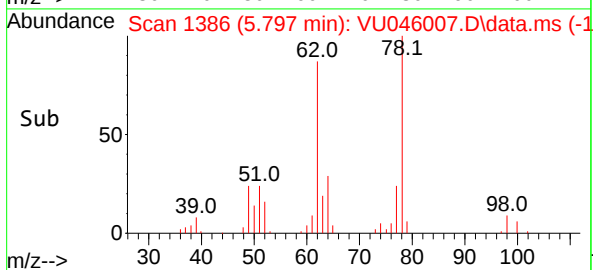
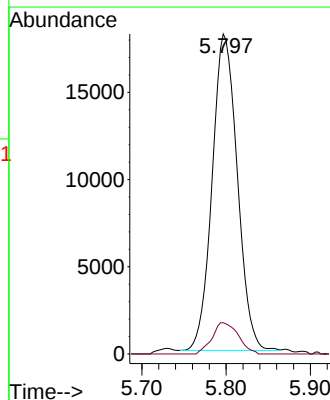
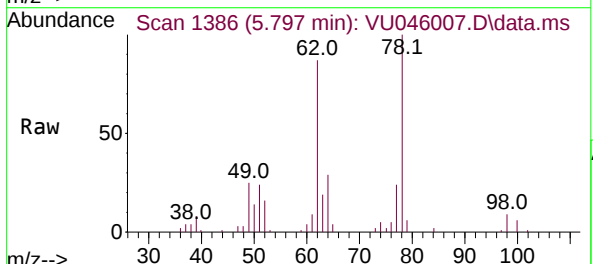
Acq: 24 Nov 2021 20:14

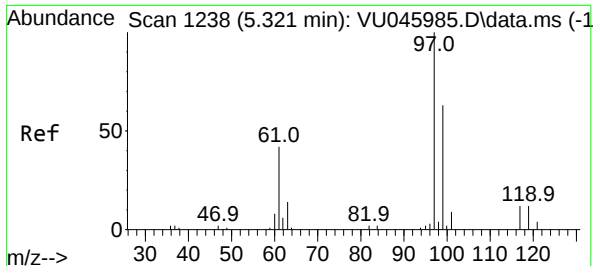
Tgt Ion: 62 Resp: 37596

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.019 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

ClientSampleId :

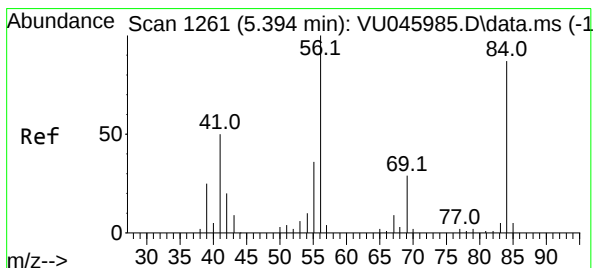
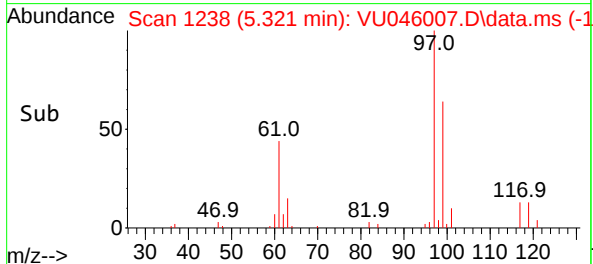
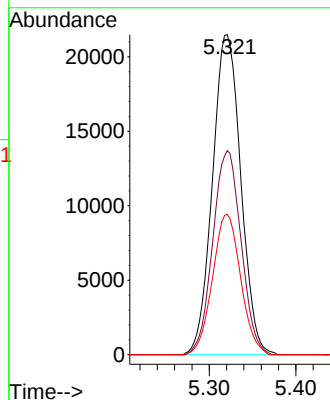
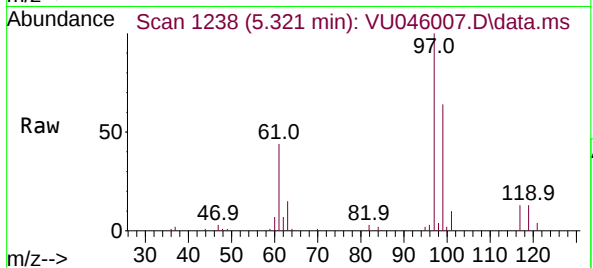
Tgt Ion: 97 Resp: 48908

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 43.5 36.1 54.1



#30

Cyclohexane

Concen: 4.529 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

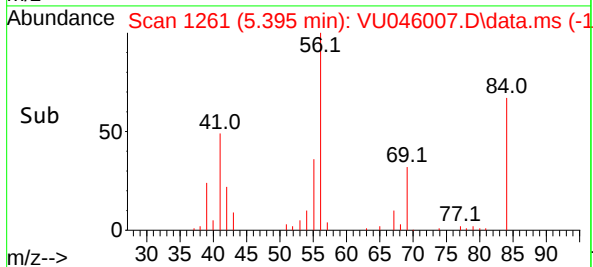
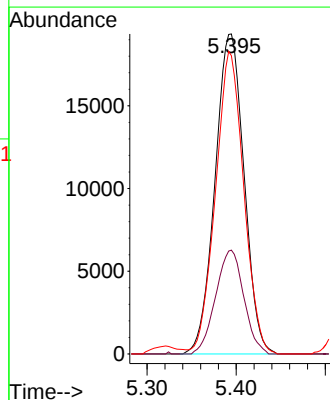
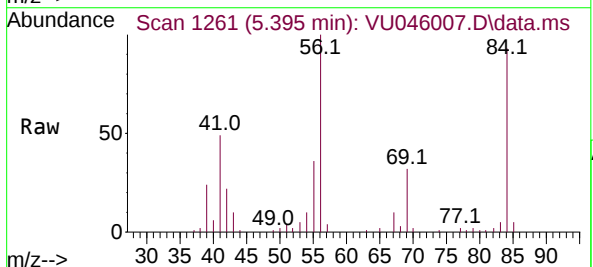
Tgt Ion: 56 Resp: 43769

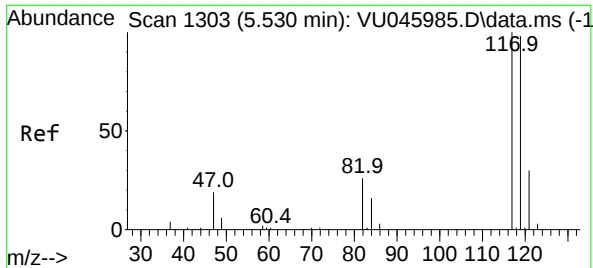
Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 92.0 71.8 107.6

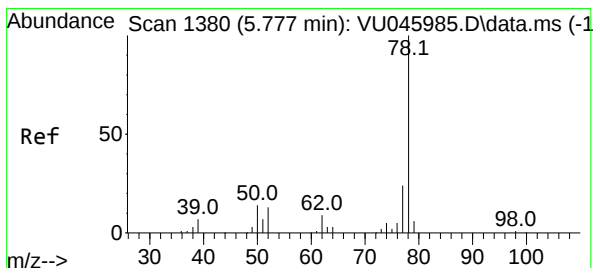
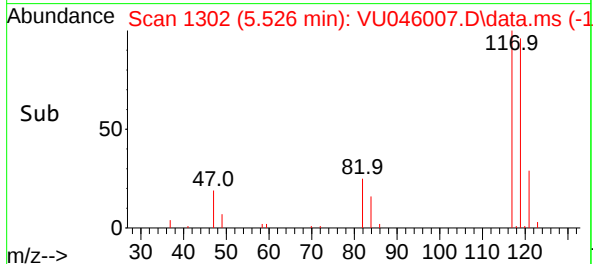
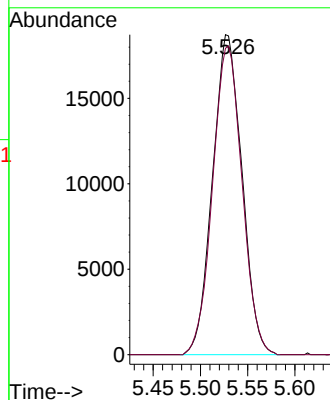
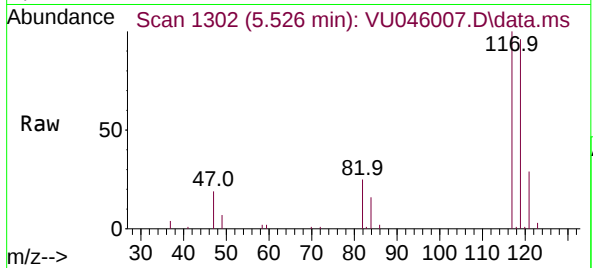




#31
Carbon tetrachloride
Concen: 4.938 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

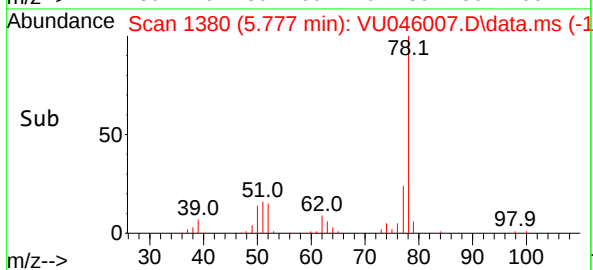
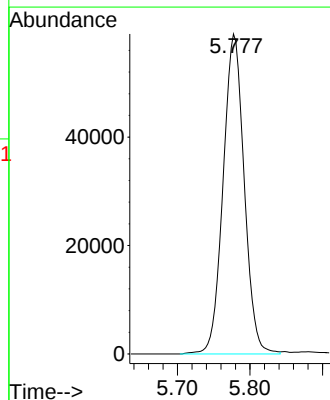
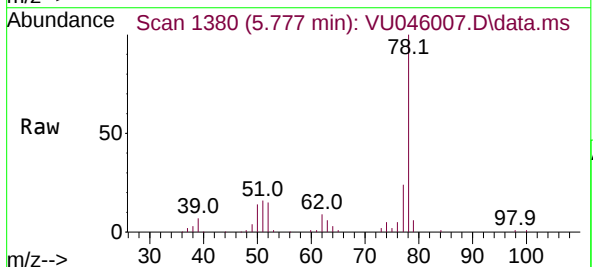
Instrument :
MSVOA_U
ClientSampleId :

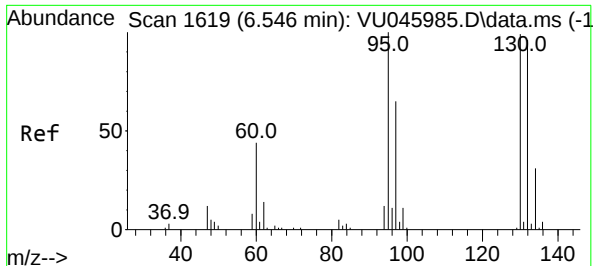
Tgt Ion:117 Resp: 40469
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 4.768 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 78 Resp: 119336

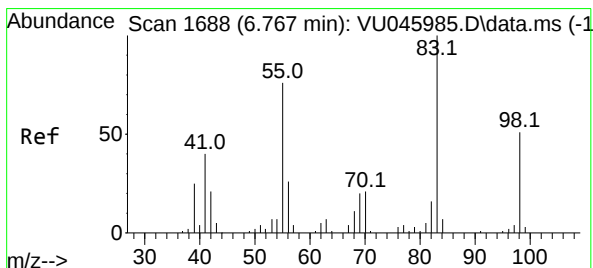
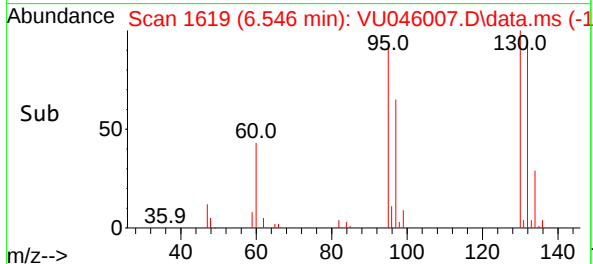
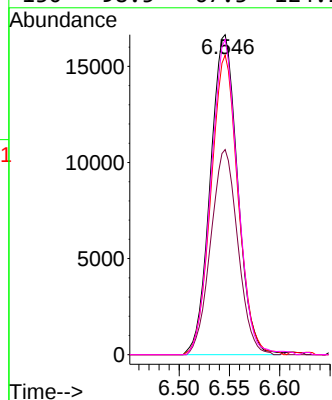
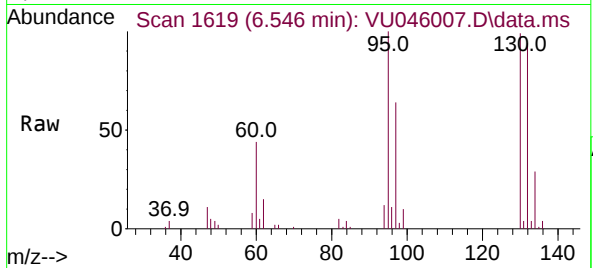




#34
Trichloroethene
Concen: 4.858 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

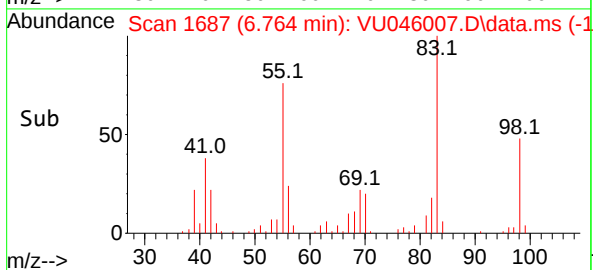
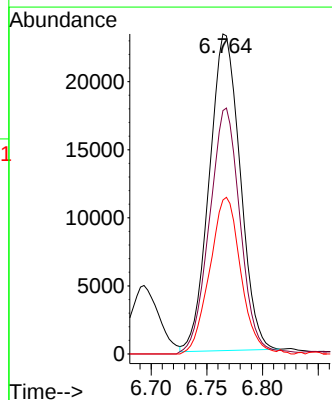
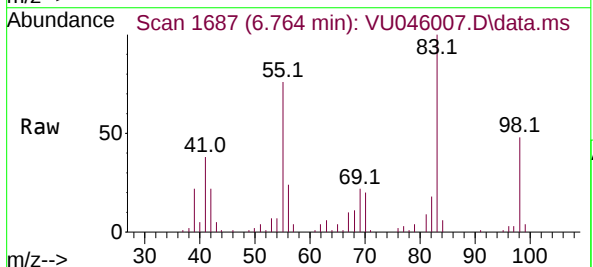
Instrument :
MSVOA_U
ClientSampleId :

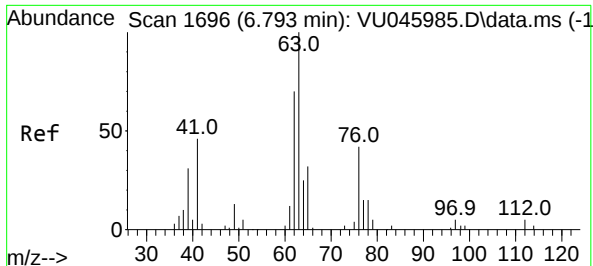
Tgt Ion: 95 Resp: 31336
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 93.6 65.1 120.9
130 98.5 67.3 124.9



#35
Methylcyclohexane
Concen: 4.528 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 83 Resp: 44856
Ion Ratio Lower Upper
83 100
55 77.6 61.9 92.9
98 49.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.925 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

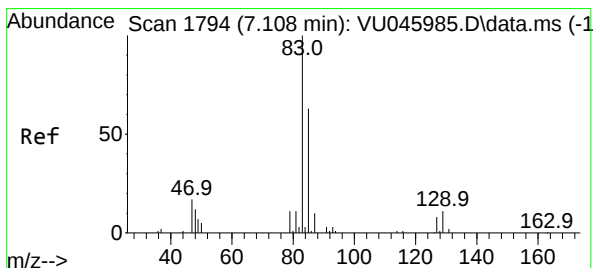
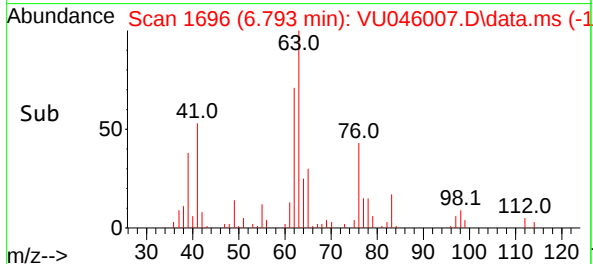
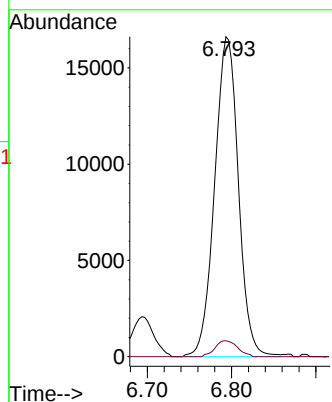
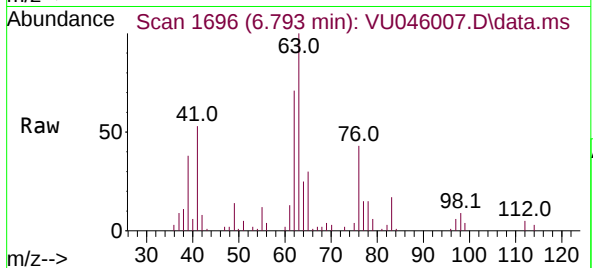
ClientSampleId :

Tgt Ion: 63 Resp: 32439

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.071 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

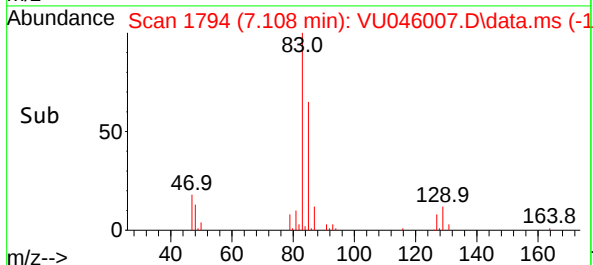
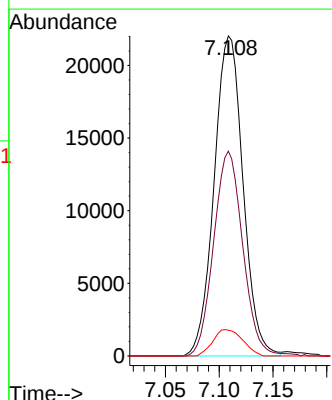
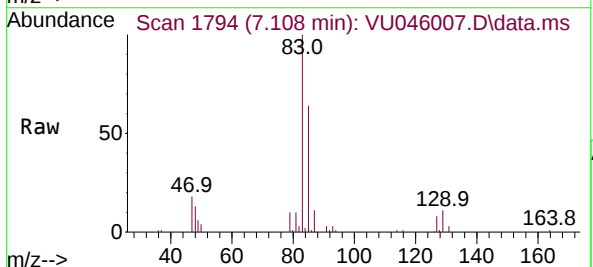
Tgt Ion: 83 Resp: 41215

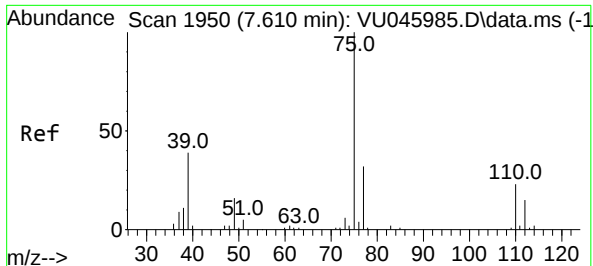
Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.891 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

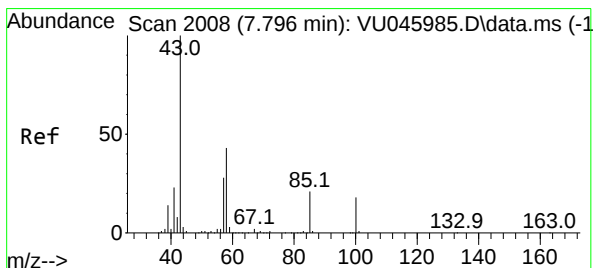
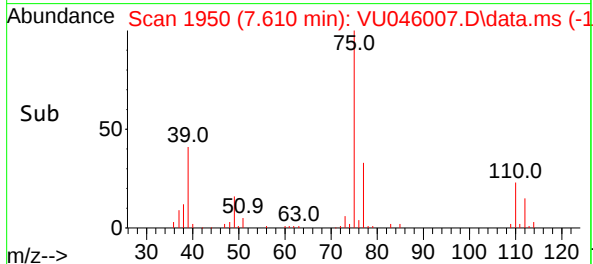
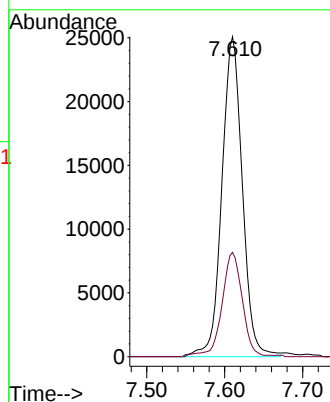
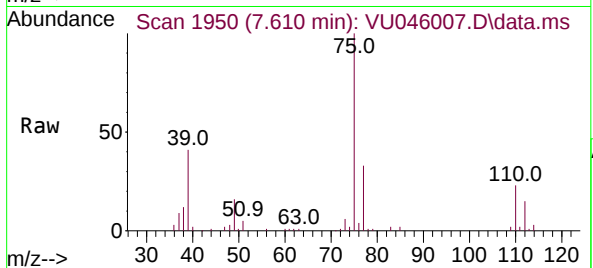
ClientSampleId :

Tgt Ion: 75 Resp: 45776

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 58.591 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

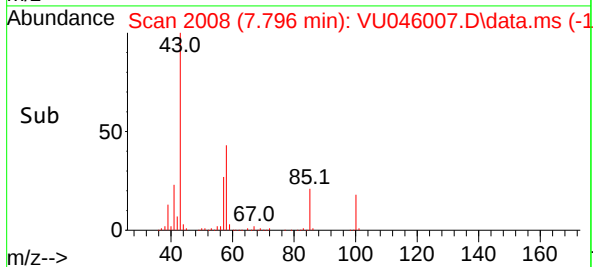
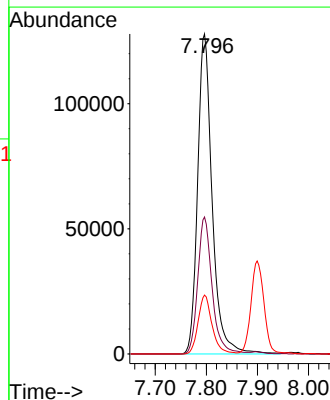
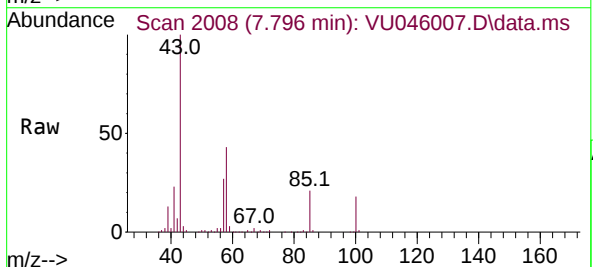
Tgt Ion: 43 Resp: 253129

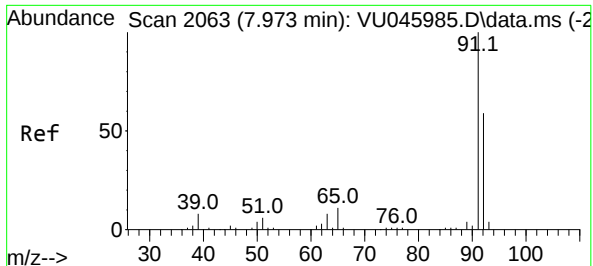
Ion Ratio Lower Upper

43 100

58 42.2 33.1 49.7

100 17.7 13.2 19.8





#42

Toluene

Concen: 5.042 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

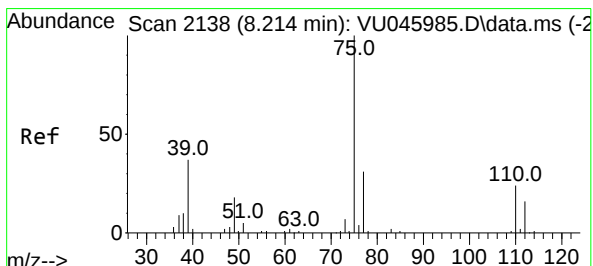
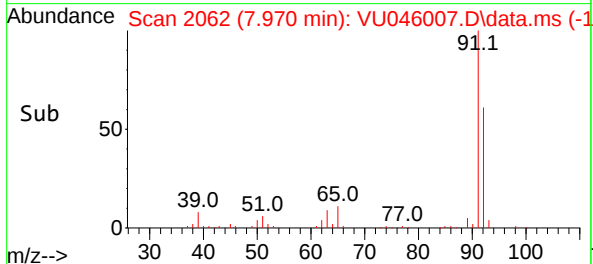
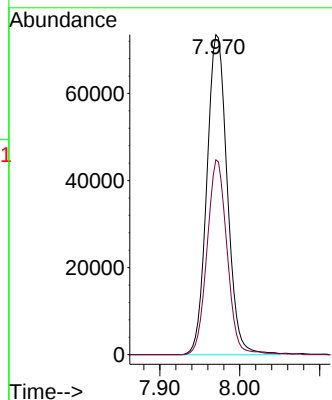
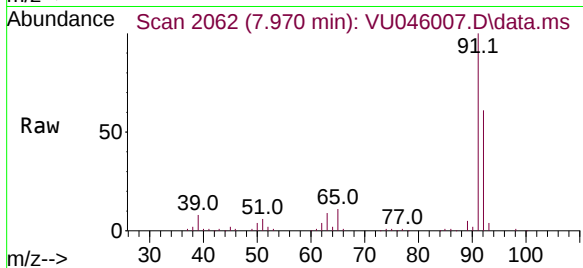
ClientSampleId :

Tgt Ion: 91 Resp: 130261

Ion Ratio Lower Upper

91 100

92 60.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.155 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046007.D

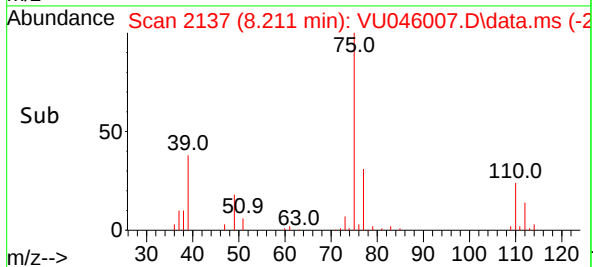
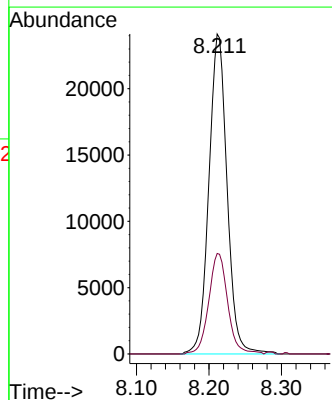
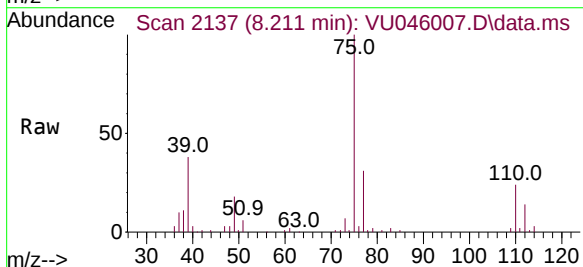
Acq: 24 Nov 2021 20:14

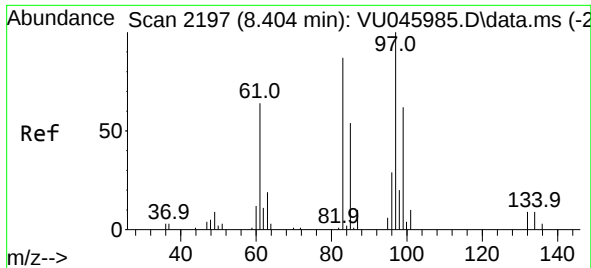
Tgt Ion: 75 Resp: 41974

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3

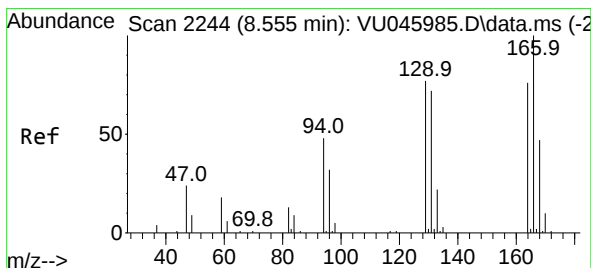
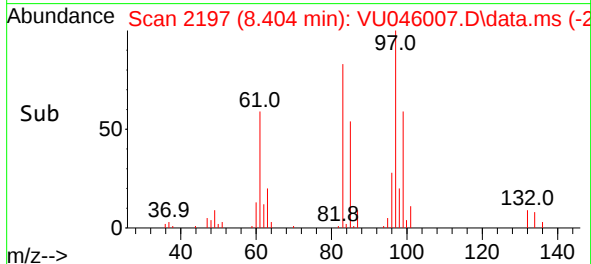
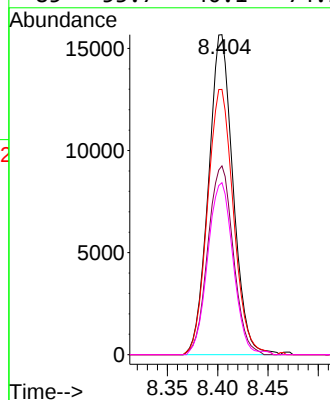
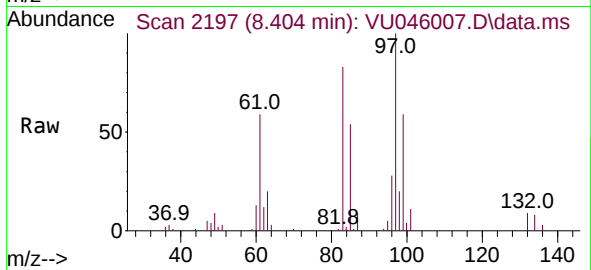




#45
1,1,2-Trichloroethane
Concen: 5.469 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

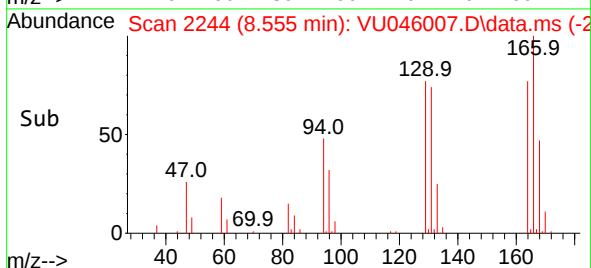
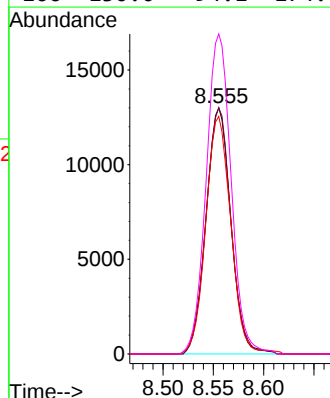
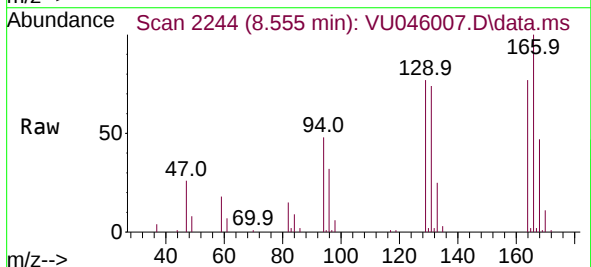
Instrument :
MSVOA_U
ClientSampleId :

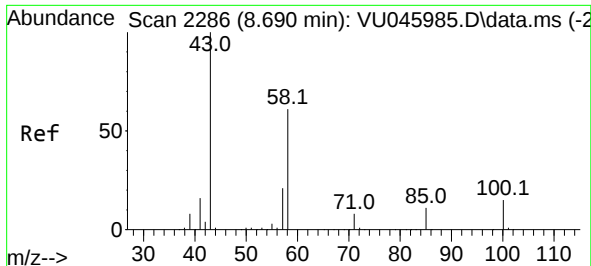
Tgt Ion: 97	Resp: 26741
Ion Ratio	Lower Upper
97 100	
99 59.0	42.3 78.5
83 82.9	62.0 115.2
85 53.7	40.1 74.5



#47
Tetrachloroethene
Concen: 4.973 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt	Ion:164	Resp:	22456
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.8	133.4
131	96.5	68.5	127.3
166	130.0	94.1	174.8

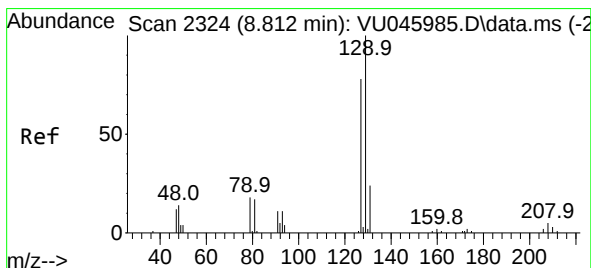
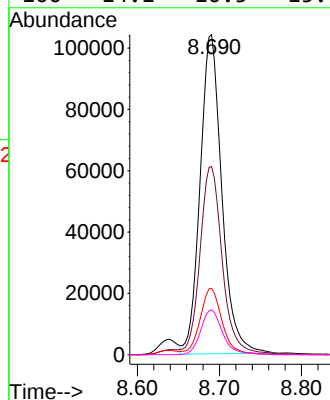
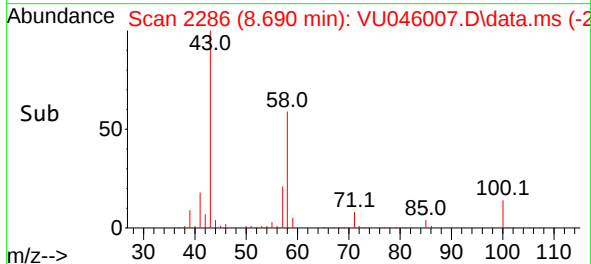
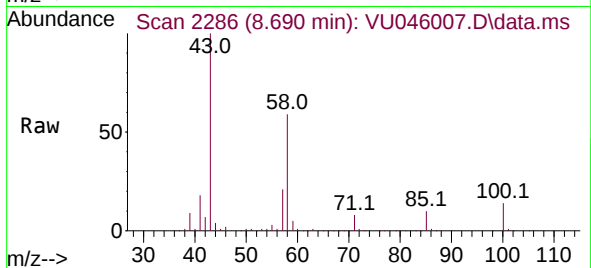




#48
2-Hexanone
Concen: 61.484 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

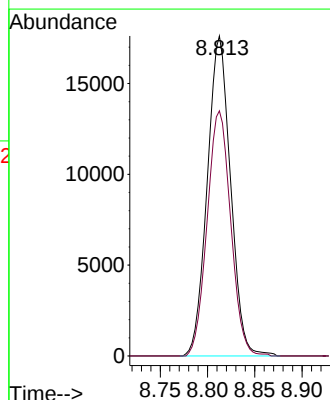
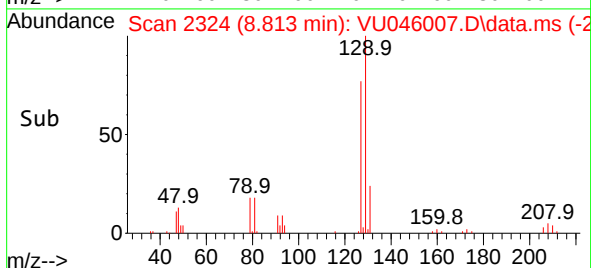
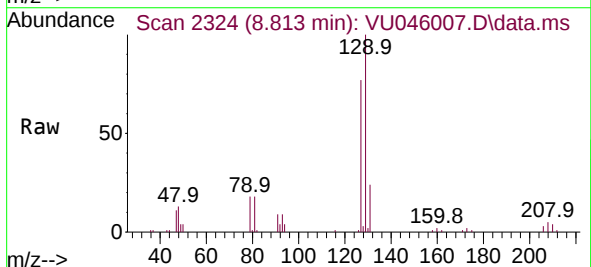
Instrument :
MSVOA_U
ClientSampleId :

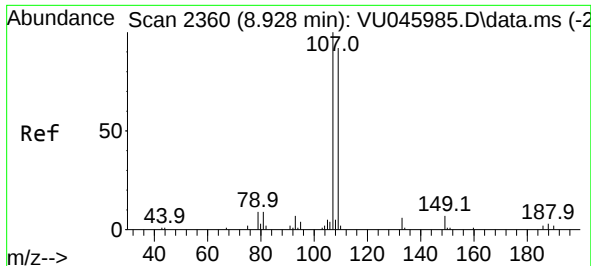
Tgt Ion:	43	Resp:	191897
Ion	Ratio	Lower	Upper
43	100		
58	60.5	46.7	70.1
57	21.3	16.3	24.5
100	14.1	10.5	15.7



#49
Dibromochloromethane
Concen: 5.411 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

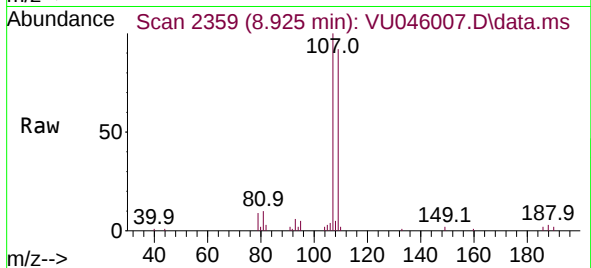
Tgt Ion:	129	Resp:	30137
Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.4	102.8



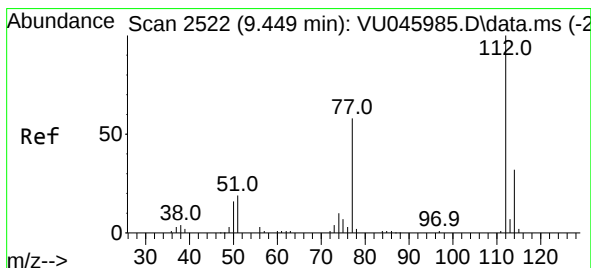
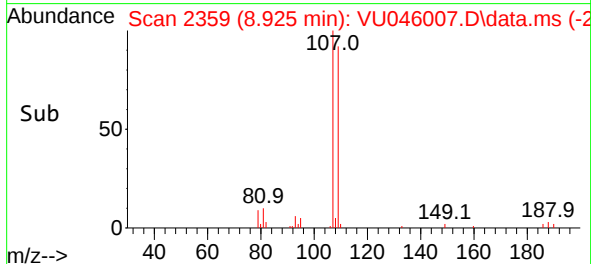
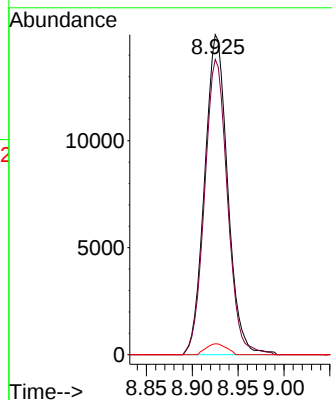


#50
1,2-Dibromoethane
Concen: 5.677 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Instrument :
MSVOA_U
ClientSampleId :

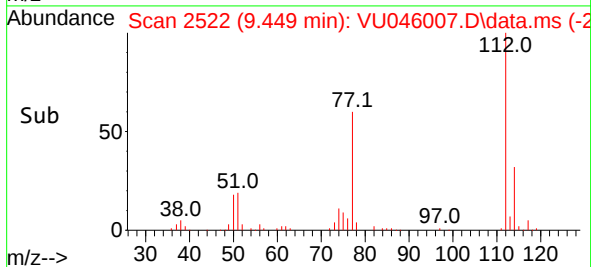
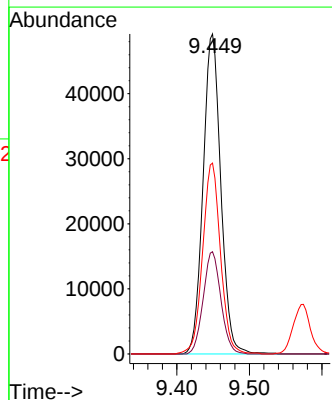
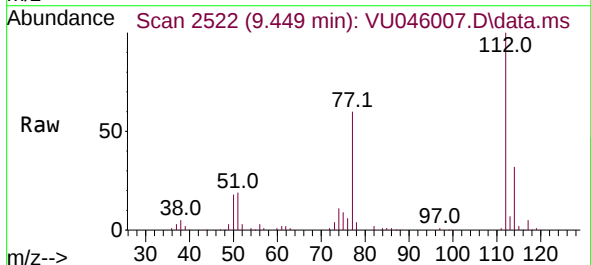


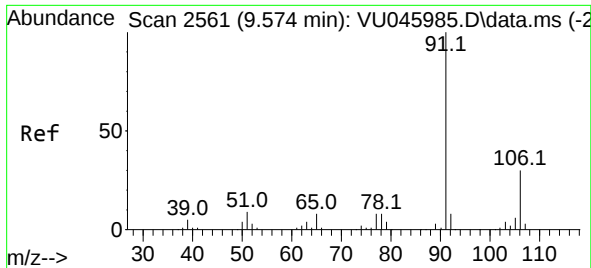
Tgt Ion:107 Resp: 26152
Ion Ratio Lower Upper
107 100
109 92.3 64.0 119.0
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 5.167 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion:112 Resp: 83737
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 59.7 48.3 72.5

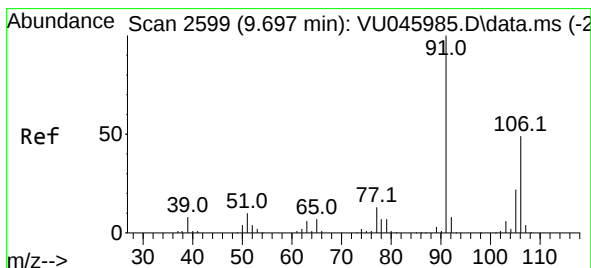
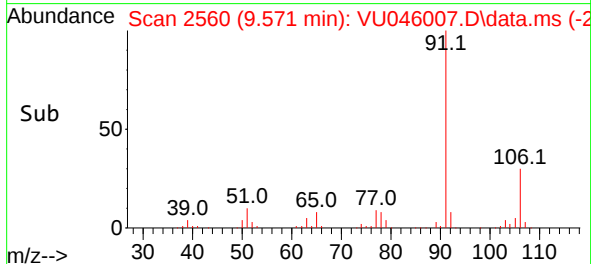
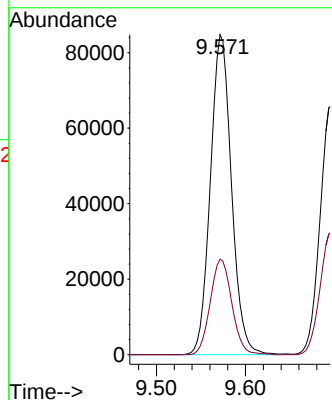
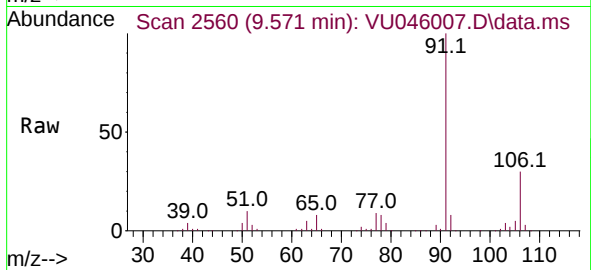




#52
Ethylbenzene
Concen: 5.151 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

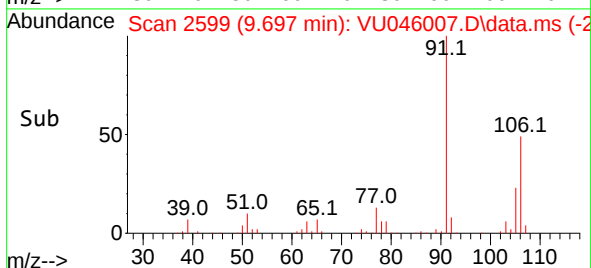
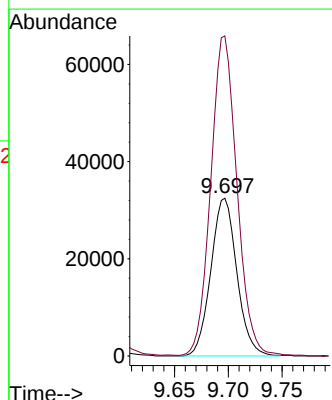
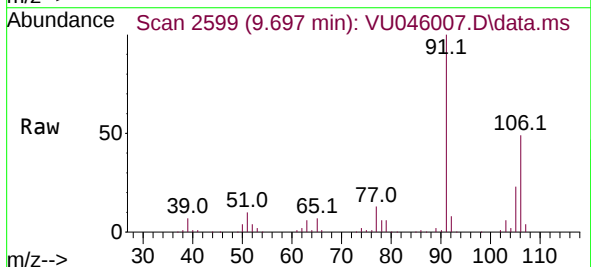
Instrument :
MSVOA_U
ClientSampleId :

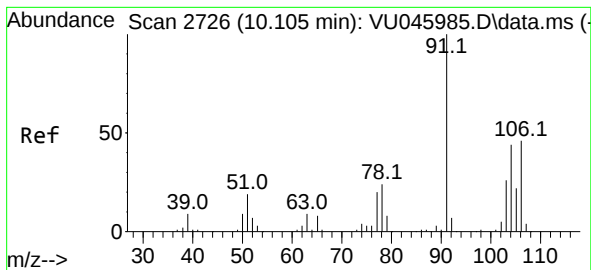
Tgt Ion: 91 Resp: 139303
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.278 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

Tgt Ion:106 Resp: 54670
Ion Ratio Lower Upper
106 100
91 202.8 139.4 259.0





#54

o-Xylene

Concen: 5.256 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

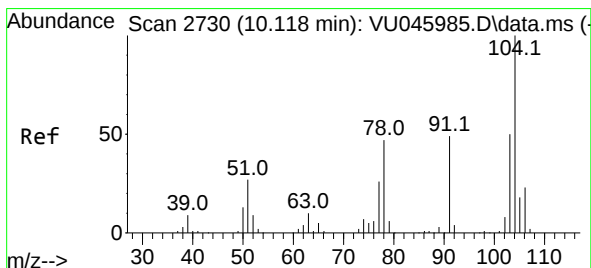
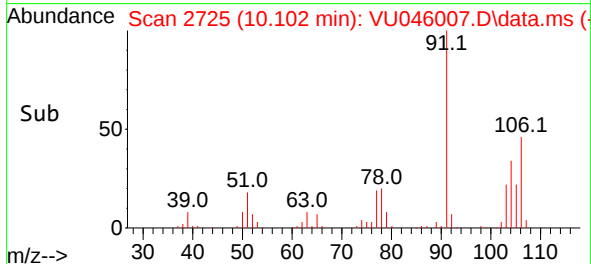
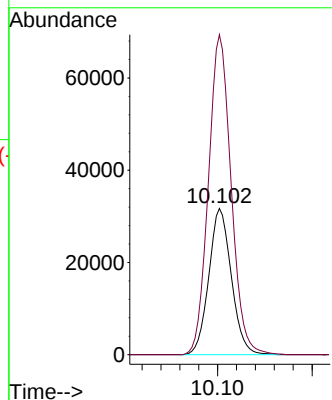
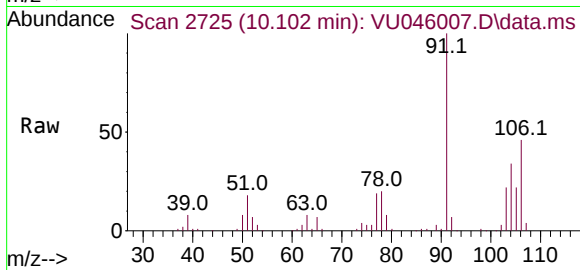
ClientSampleId :

Tgt Ion:106 Resp: 52542

Ion Ratio Lower Upper

106 100

91 218.7 147.5 273.9



#55

Styrene

Concen: 5.487 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046007.D

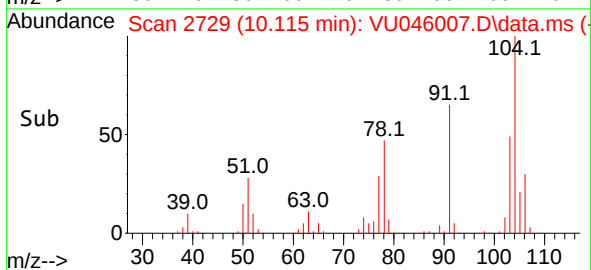
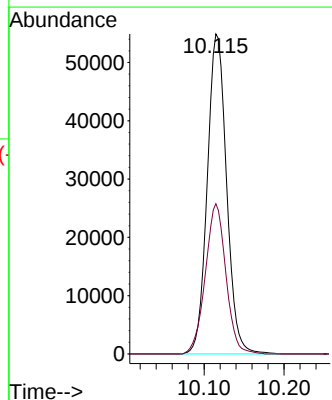
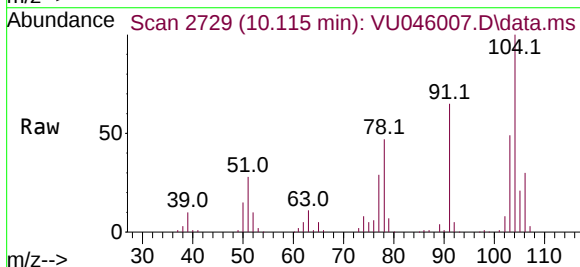
Acq: 24 Nov 2021 20:14

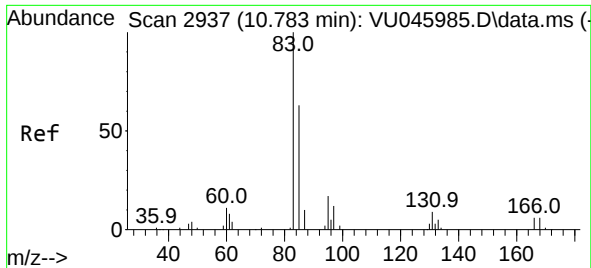
Tgt Ion:104 Resp: 92336

Ion Ratio Lower Upper

104 100

78 46.9 33.0 61.4

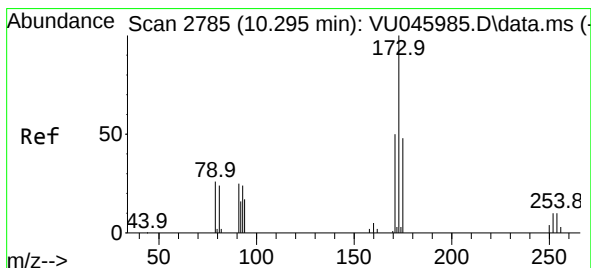
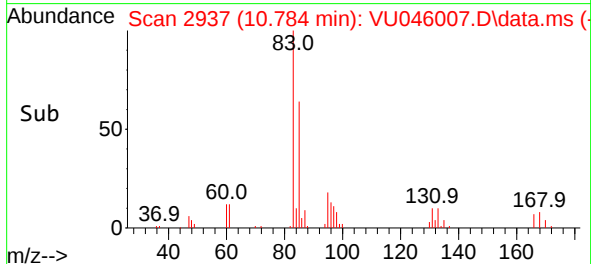
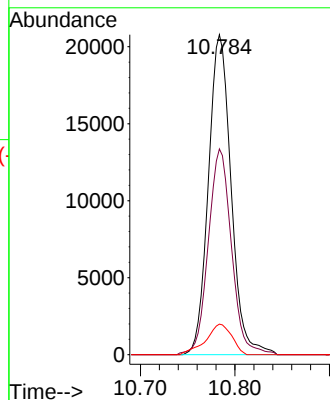
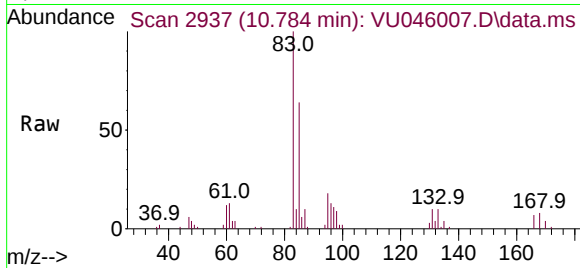




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.539 ug/L
 RT: 10.784 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

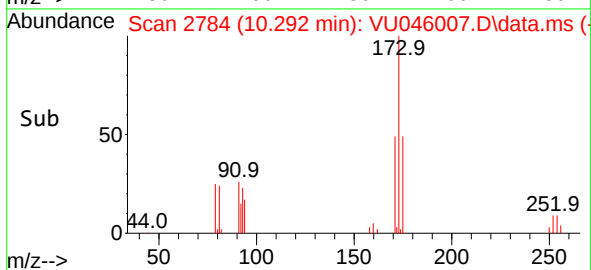
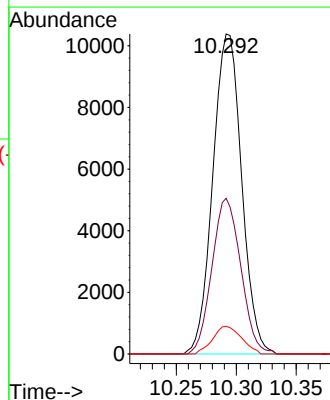
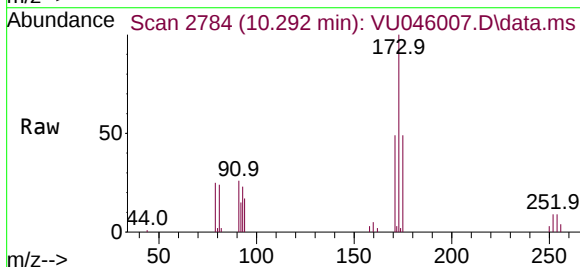
Instrument :
 MSVOA_U
 ClientSampleId :

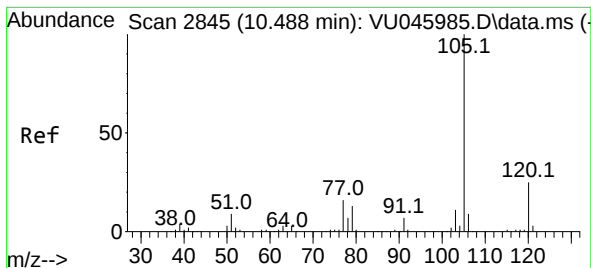
Tgt Ion: 83 Resp: 34688
 Ion Ratio Lower Upper
 83 100
 85 64.3 47.9 89.1
 131 9.5 8.1 12.1



#59
 Bromoform
 Concen: 5.716 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 173 Resp: 17338
 Ion Ratio Lower Upper
 173 100
 175 48.6 37.8 56.6
 254 8.7 7.3 10.9





#60

Isopropylbenzene

Concen: 5.273 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

ClientSampleId :

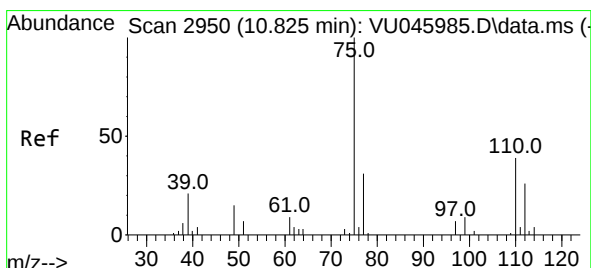
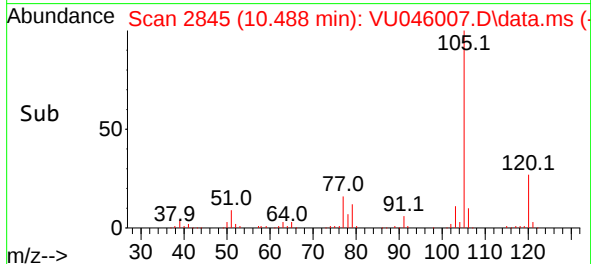
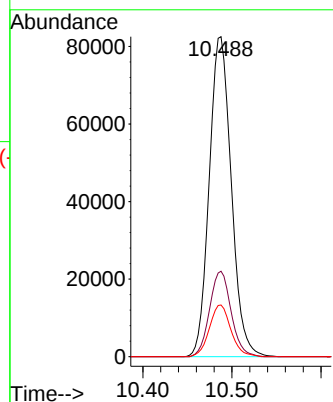
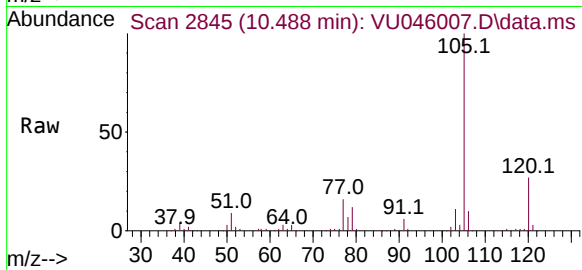
Tgt Ion:105 Resp: 141753

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.711 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

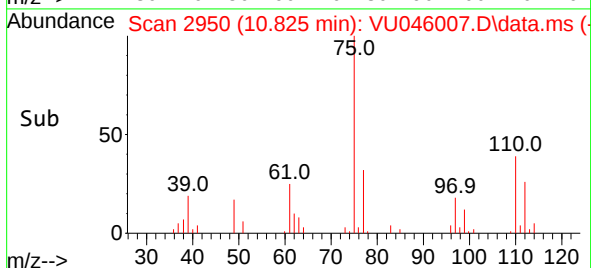
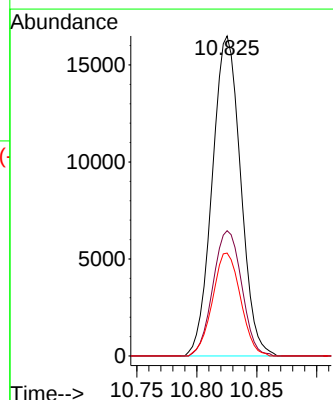
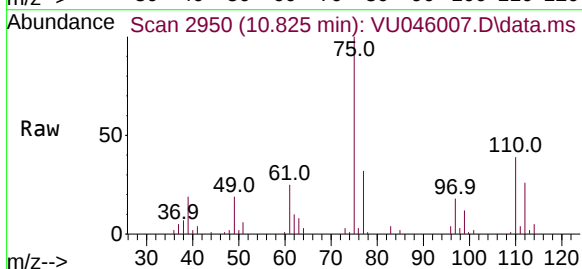
Tgt Ion: 75 Resp: 27148

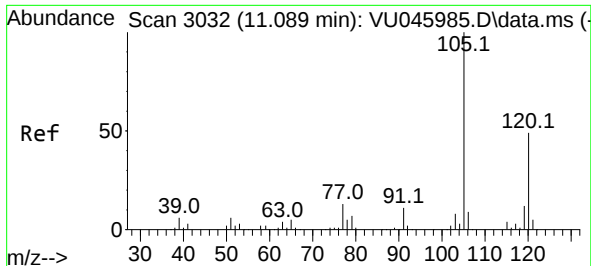
Ion Ratio Lower Upper

75 100

110 39.5 29.9 44.9

77 31.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.279 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

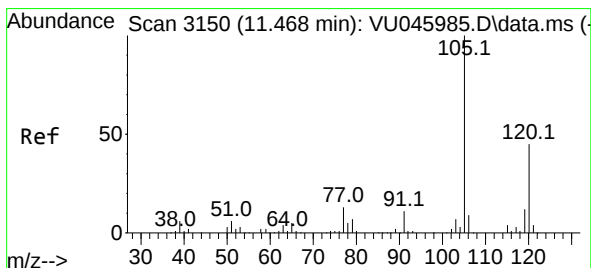
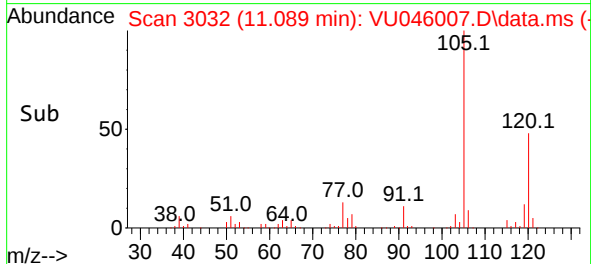
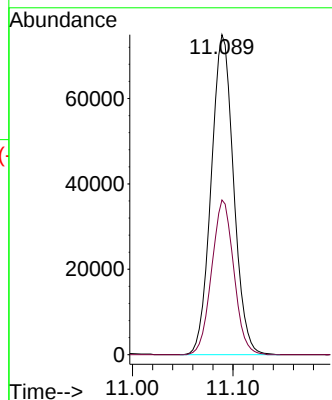
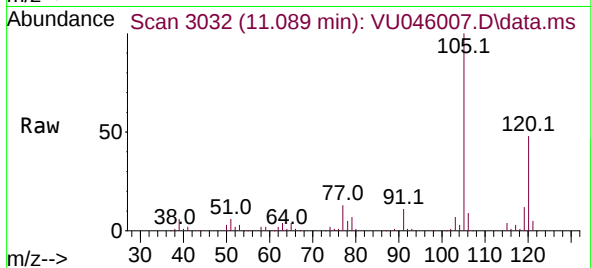
ClientSampleId :

Tgt Ion:105 Resp: 116051

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.291 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046007.D

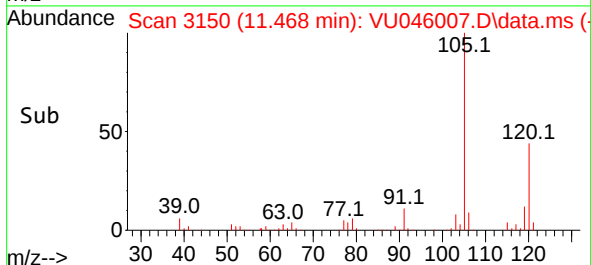
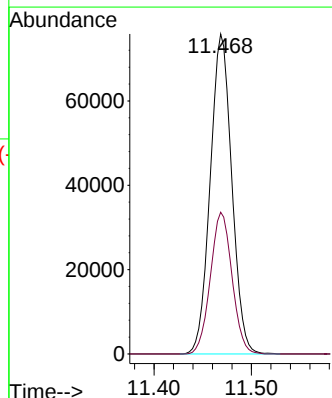
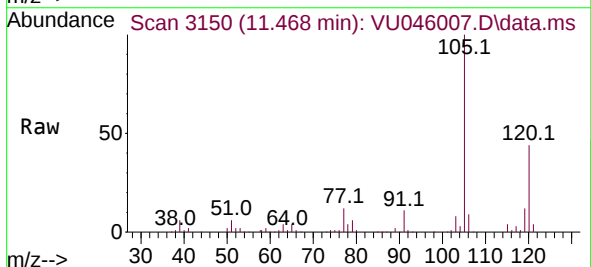
Acq: 24 Nov 2021 20:14

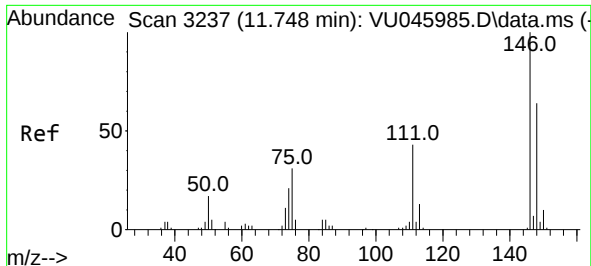
Tgt Ion:105 Resp: 116537

Ion Ratio Lower Upper

105 100

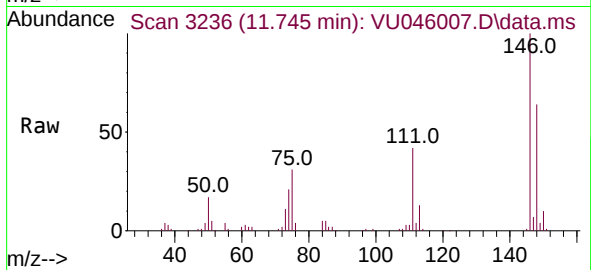
120 44.4 35.8 53.8



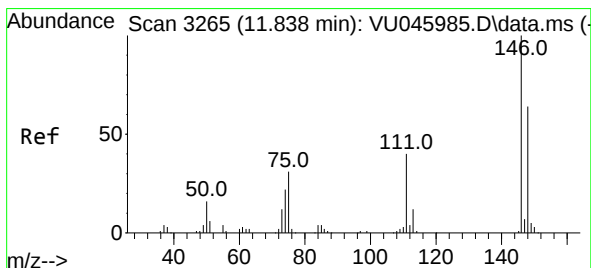
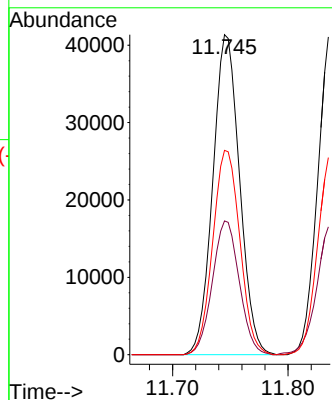
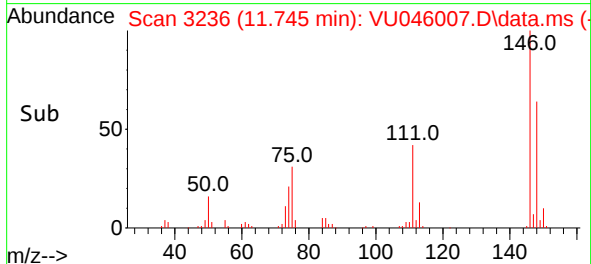


#64
1,3-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14

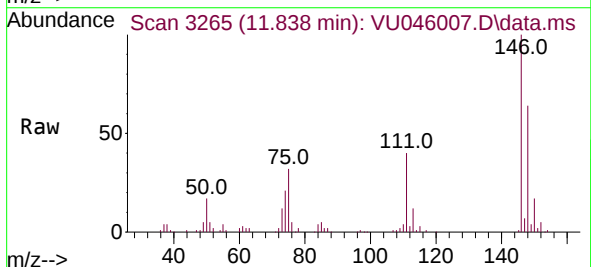
Instrument :
MSVOA_U
ClientSampleId :



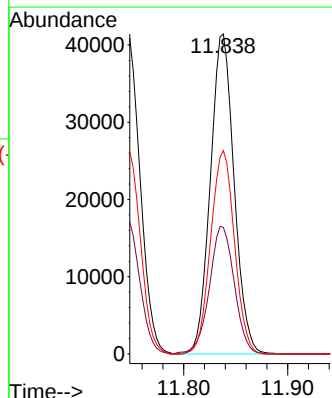
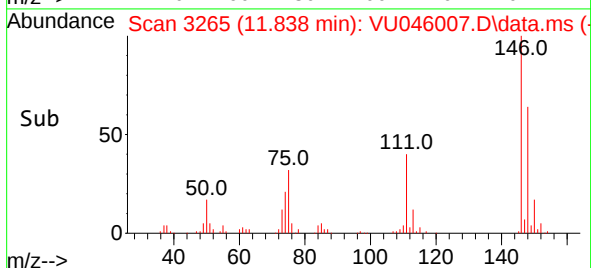
Tgt Ion:146 Resp: 66535
Ion Ratio Lower Upper
146 100
111 41.8 29.9 55.5
148 63.8 44.3 82.3

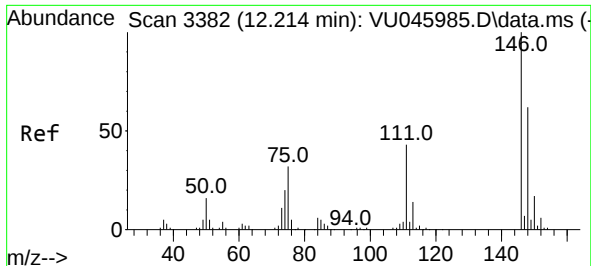


#65
1,4-Dichlorobenzene
Concen: 5.160 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046007.D
Acq: 24 Nov 2021 20:14



Tgt Ion:146 Resp: 65746
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 63.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.340 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

ClientSampleId :

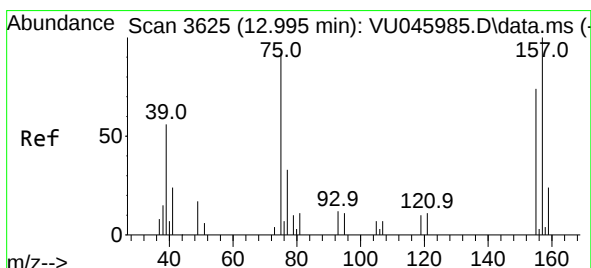
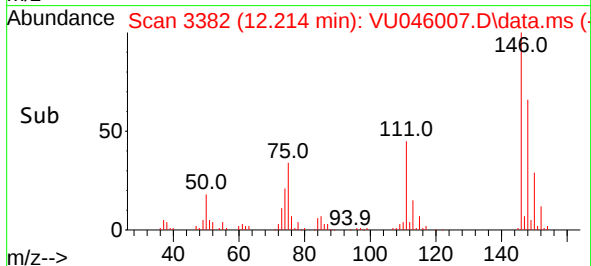
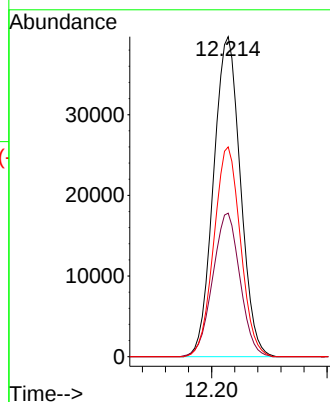
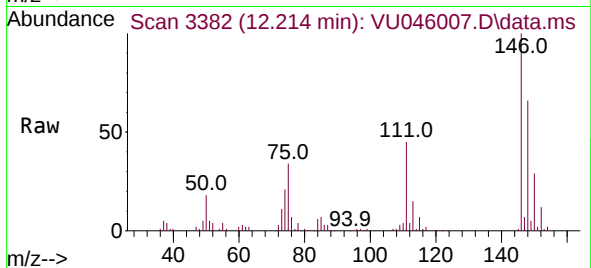
Tgt Ion:146 Resp: 64220

Ion Ratio Lower Upper

146 100

111 44.9 35.4 53.0

148 65.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.069 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

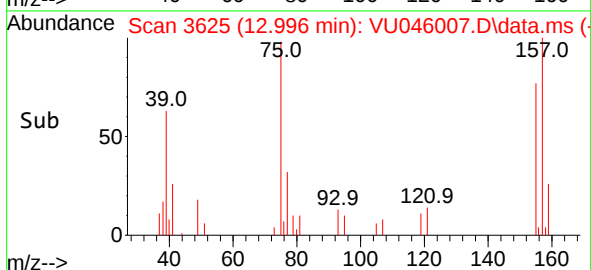
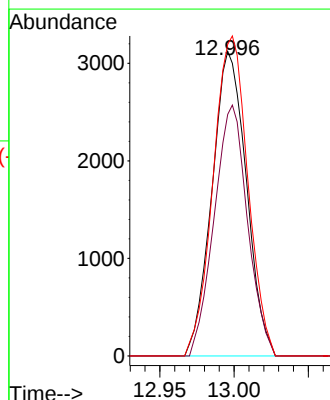
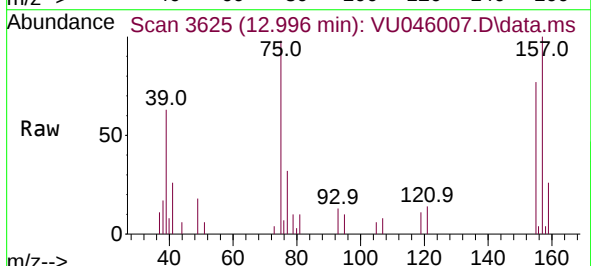
Tgt Ion: 75 Resp: 5013

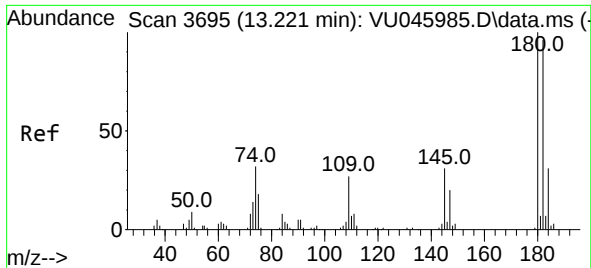
Ion Ratio Lower Upper

75 100

155 79.3 59.2 88.8

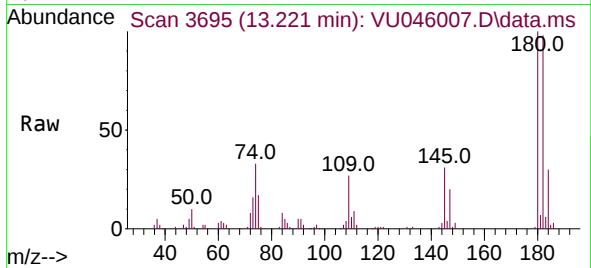
157 102.3 76.5 114.7



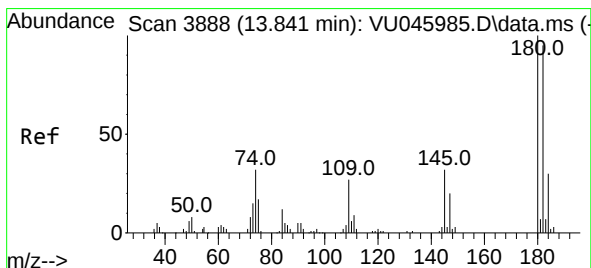
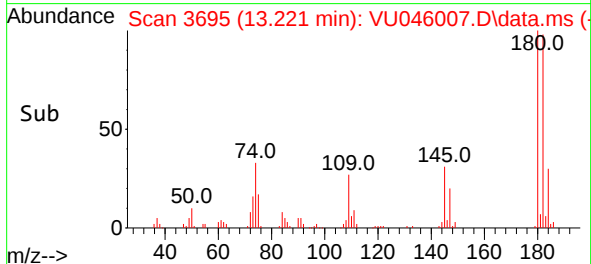
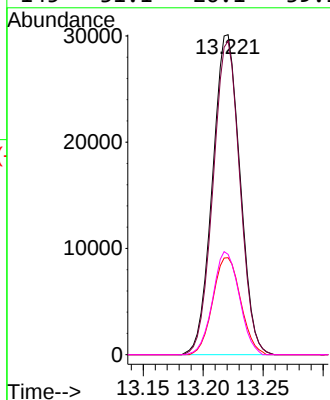


#69
 1,3,5-Trichlorobenzene
 Concen: 5.103 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

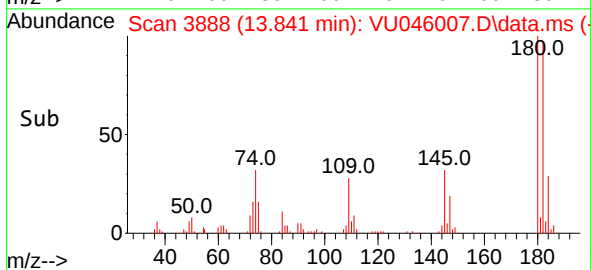
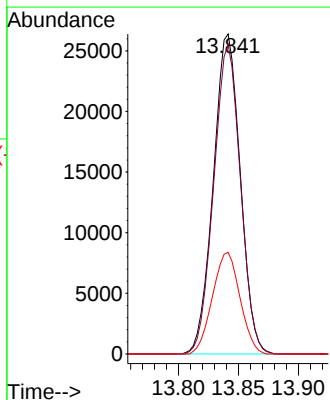
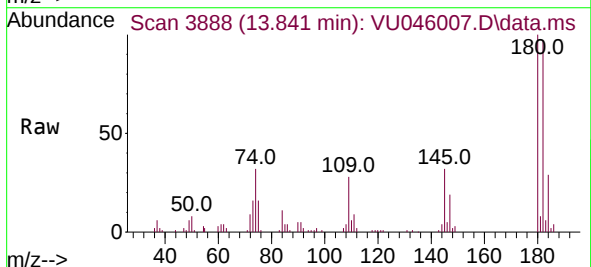


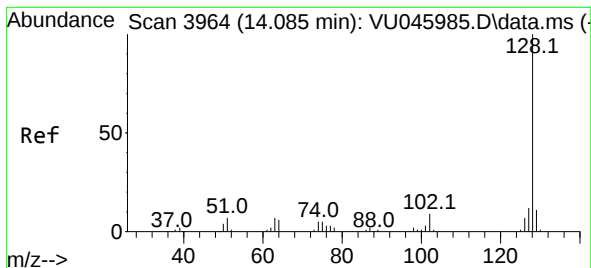
Tgt Ion:180 Resp: 47875
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 184 30.8 25.0 37.4
 145 31.1 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.192 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046007.D
 Acq: 24 Nov 2021 20:14

Tgt Ion:180 Resp: 41218
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 32.4 25.6 38.4





#71

Naphthalene

Concen: 5.428 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Instrument :

MSVOA_U

ClientSampleId :

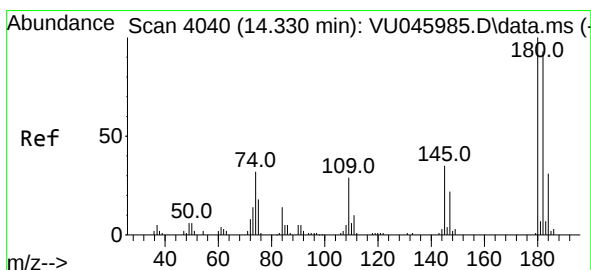
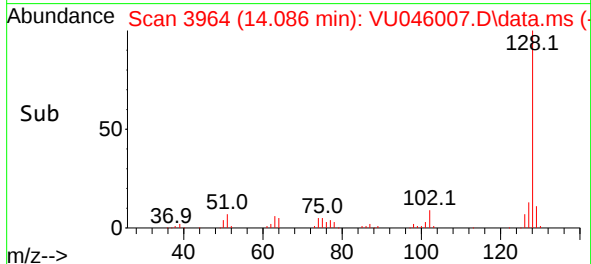
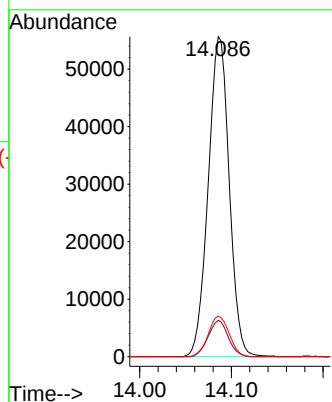
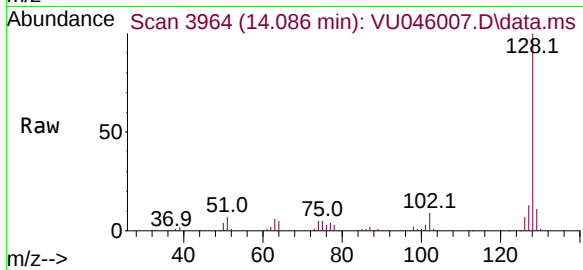
Tgt Ion:128 Resp: 88541

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.6 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.173 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU046007.D

Acq: 24 Nov 2021 20:14

Tgt Ion:180 Resp: 40862

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

145 33.6 28.4 42.6

