

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
 Data File : VU046614.D
 Acq On : 28 Dec 2021 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 01:26:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28440	4.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.919	69	25402	5.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	13459	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.655	46	108230	62.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.940%
24) Chloroform-d	5.070	84	66213	6.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
26) 1,2-Dichloroethane-d4	5.706	65	37602	6.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.732	84	122754	5.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	6.693	67	38310	5.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.600%
41) Toluene-d8	7.902	98	114197	5.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	8.182	79	16412	5.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.639	63	102349	58.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39123	5.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	43146	5.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	54114	4.701	ug/L	99
3) Chloromethane	1.523	50	37887	3.822	ug/L	99
5) Vinyl chloride	1.610	62	40657	4.165	ug/L	100
6) Bromomethane	1.864	94	22106	3.763	ug/L	98
8) Chloroethane	1.941	64	24207	4.225	ug/L	96
9) Trichlorofluoromethane	2.147	101	63382	4.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	35606	5.479	ug/L	97
12) 1,1-Dichloroethene	2.587	96	30196	4.563	ug/L	87
13) Acetone	2.678	43	88108	54.674	ug/L	61
14) Carbon disulfide	2.800	76	75839	3.509	ug/L	98
15) Methyl Acetate	2.967	43	17511	5.380	ug/L	97
16) Methylene chloride	3.054	84	37608	4.671	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	99106	5.134	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	32441	4.595	ug/L	96
19) 1,1-Dichloroethane	3.877	63	66144	5.086	ug/L	99
21) 2-Butanone	4.732	43	139726	57.149	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	39031	5.058	ug/L	94
23) Bromochloromethane	4.983	128	18878	4.915	ug/L	89
25) Chloroform	5.092	83	73557	5.236	ug/L	98

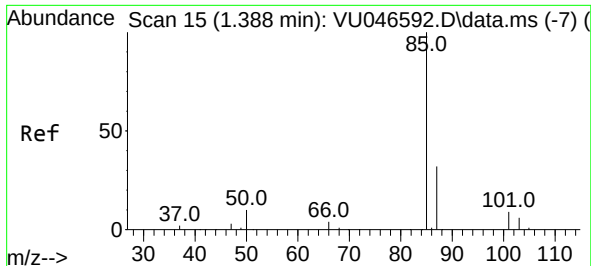
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	50168	5.002	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	65782	5.161	ug/L	98
30) Cyclohexane	5.394	56	48072	4.559	ug/L	95
31) Carbon tetrachloride	5.529	117	57056	5.334	ug/L	100
33) Benzene	5.780	78	143891	4.698	ug/L	100
34) Trichloroethene	6.546	95	39305	4.868	ug/L	97
35) Methylcyclohexane	6.767	83	55751	4.897	ug/L	95
37) 1,2-Dichloropropane	6.796	63	39551	5.062	ug/L	99
38) Bromodichloromethane	7.108	83	57082	5.278	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	61036	5.161	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	307239	52.387	ug/L	96
42) Toluene	7.973	91	160380	5.101	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	57566	5.252	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	34469	5.116	ug/L	95
47) Tetrachloroethene	8.555	164	28794	5.040	ug/L	96
48) 2-Hexanone	8.690	43	234317	53.498	ug/L	97
49) Dibromochloromethane	8.812	129	43693	5.622	ug/L	98
50) 1,2-Dibromoethane	8.928	107	32359	4.975	ug/L	98
51) Chlorobenzene	9.449	112	102741	5.112	ug/L	99
52) Ethylbenzene	9.574	91	172450	5.299	ug/L	99
53) m,p-Xylene	9.697	106	68839	5.522	ug/L	96
54) o-Xylene	10.102	106	66876	5.583	ug/L	97
55) Styrene	10.118	104	120541	5.801	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	47450	5.389	ug/L	95
59) Bromoform	10.295	173	27145	5.250	ug/L	97
60) Isopropylbenzene	10.488	105	180200	5.221	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34772	4.678	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	148431	5.171	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	154598	5.348	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	90377	5.387	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	91658	5.336	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	86235	5.124	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9219	5.358	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	70212	5.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	60335	5.610	ug/L	99
71) Naphthalene	14.089	128	128490	5.379	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59735	5.610	ug/L	99

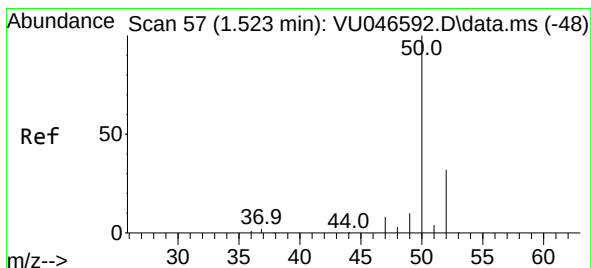
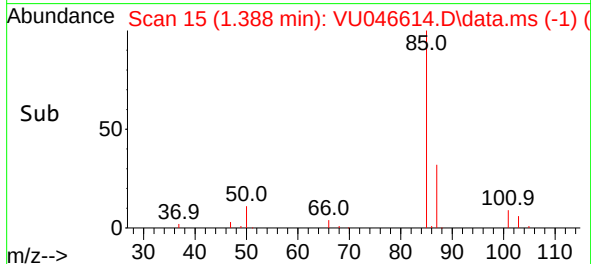
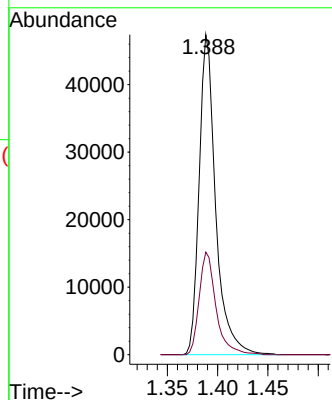
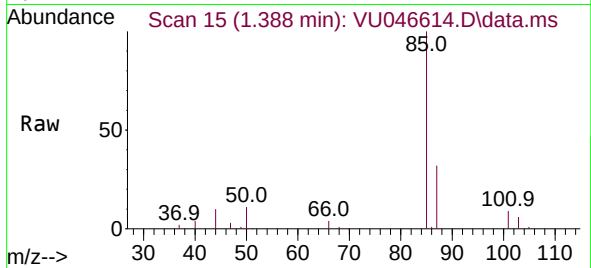
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#2
Dichlorodifluoromethane
Concen: 4.701 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

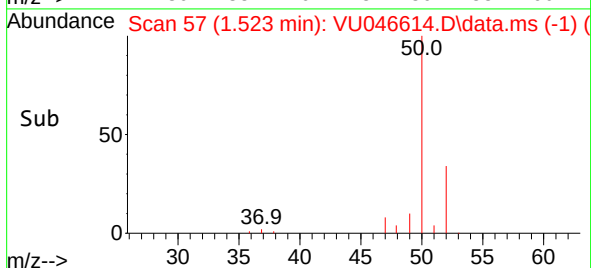
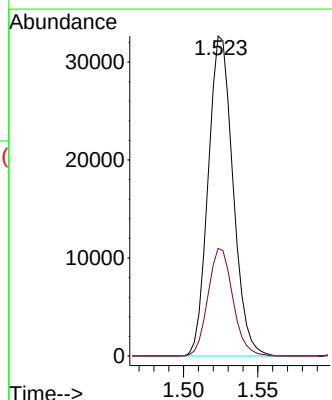
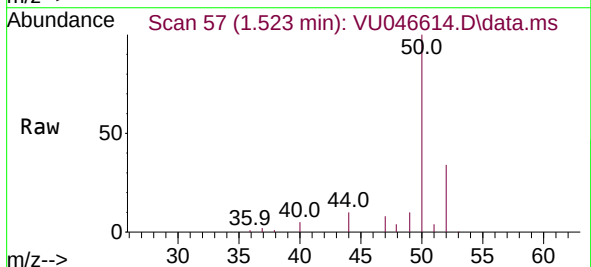
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MSVOA_U
ClientSampleId :

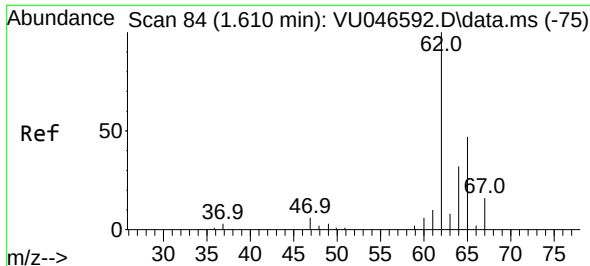
Tgt Ion: 85 Resp: 54114
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 3.822 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

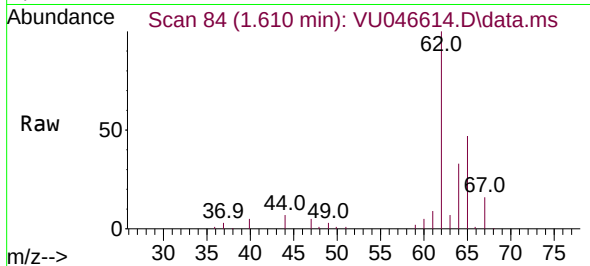
Tgt Ion: 50 Resp: 37887
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8



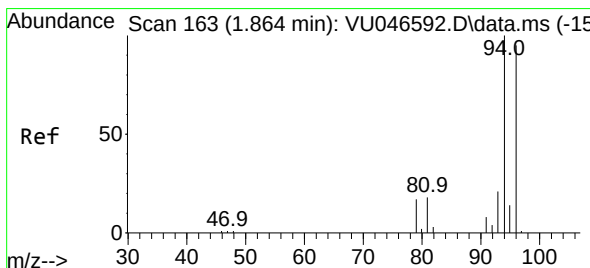
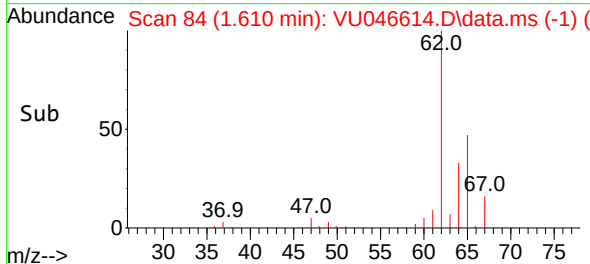
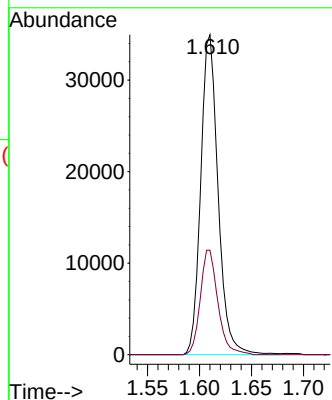


#5
 Vinyl chloride
 Concen: 4.165 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

Instrument :
 MSVOA_U
 ClientSampleId :

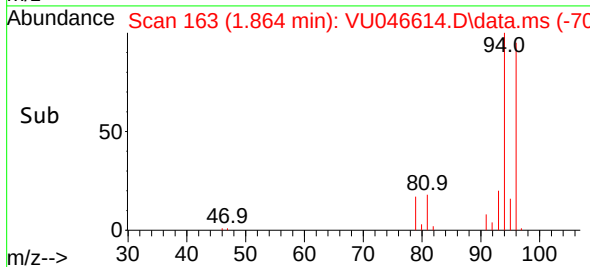
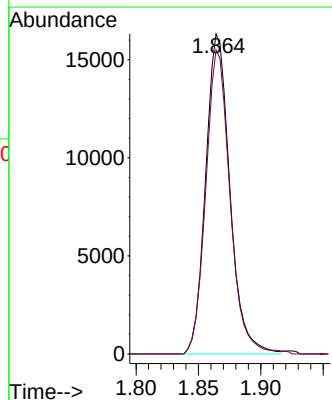
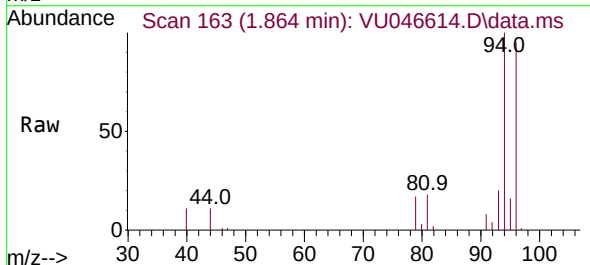


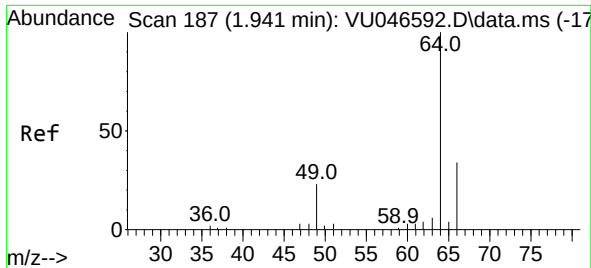
Tgt Ion: 62 Resp: 40657
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 3.763 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

Tgt Ion: 94 Resp: 22106
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.5 121.6

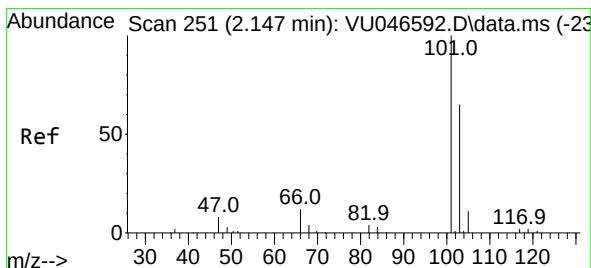
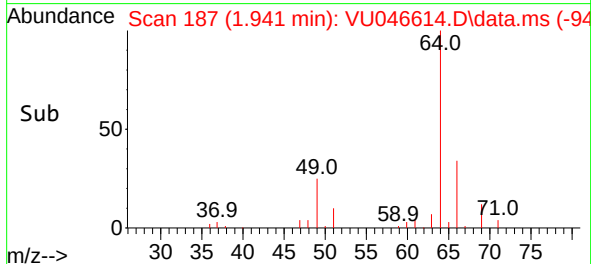
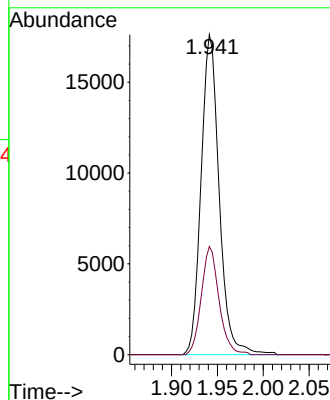
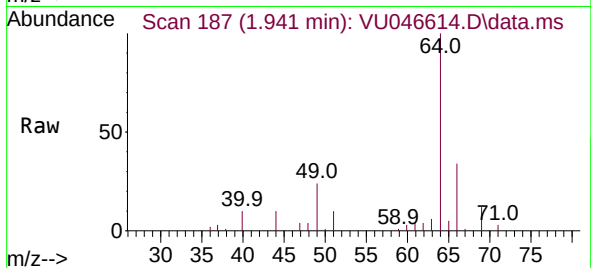




#8
Chloroethane
Concen: 4.225 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

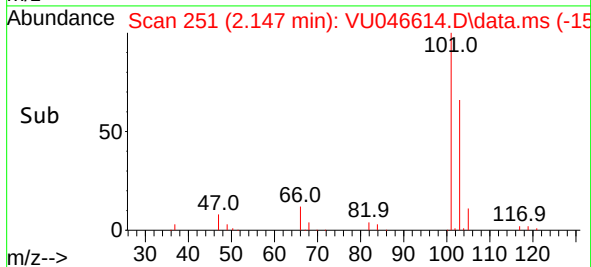
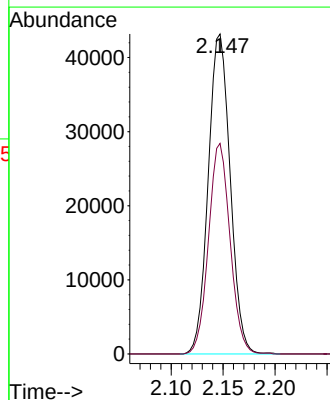
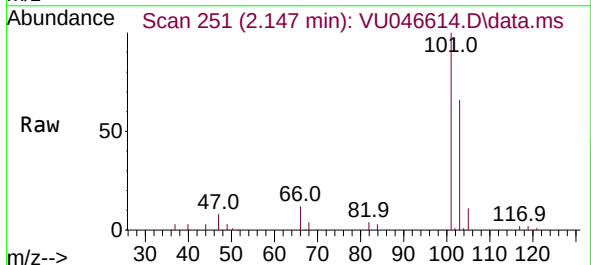
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MSVOA_U
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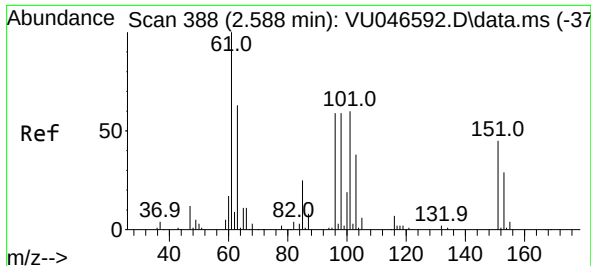
Tgt Ion: 64 Resp: 24207
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.965 ug/L
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion:101 Resp: 63382
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

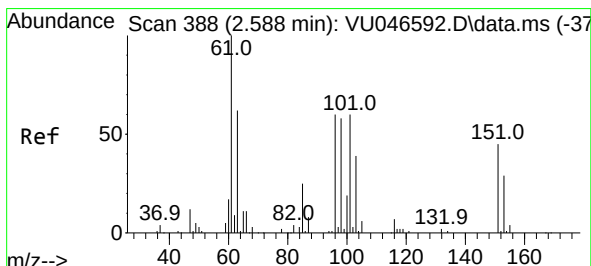
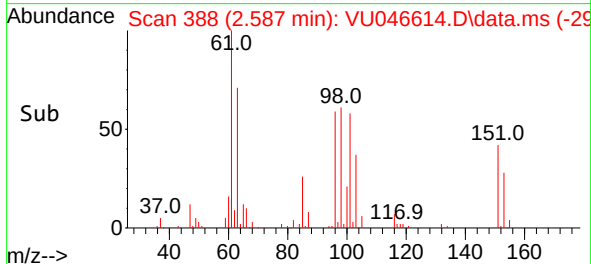
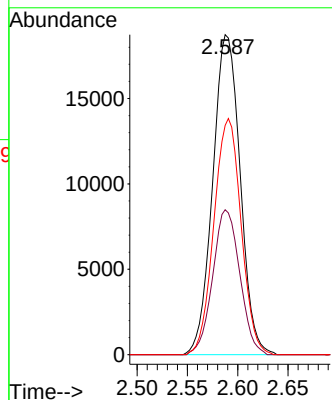
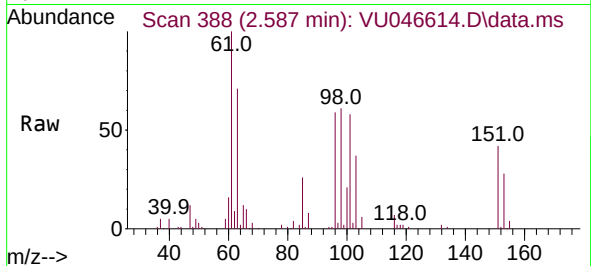




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.479 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

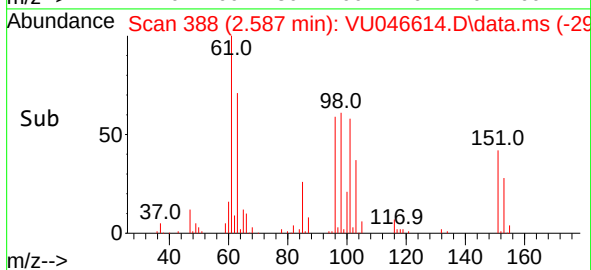
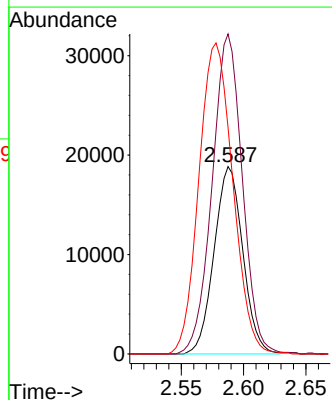
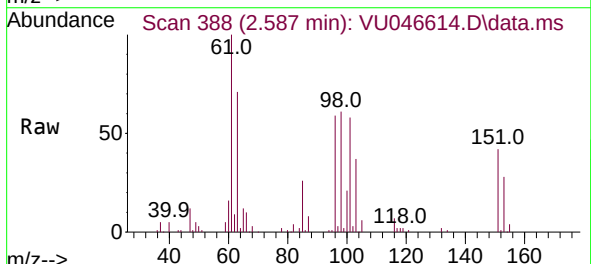
Instrument :
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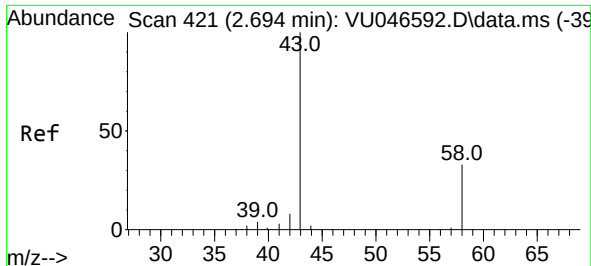
Tgt Ion:101 Resp: 35606
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.6 51.8
 151 73.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.563 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

Tgt Ion: 96 Resp: 30196
 Ion Ratio Lower Upper
 96 100
 61 170.8 124.7 231.5
 63 120.9 105.2 195.4





#13

Acetone

Concen: 54.674 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.016 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

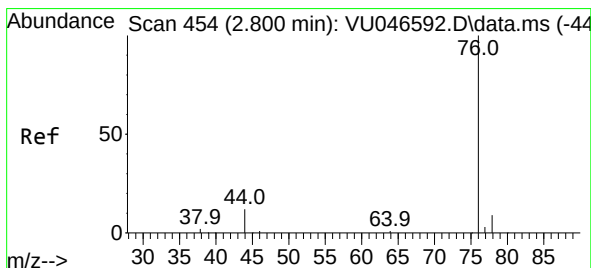
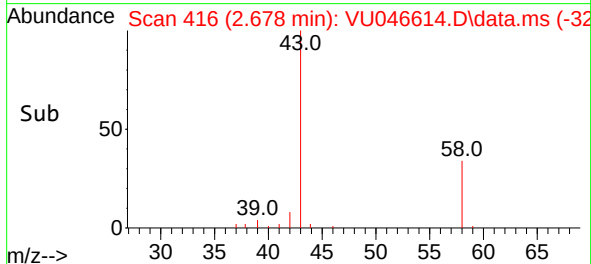
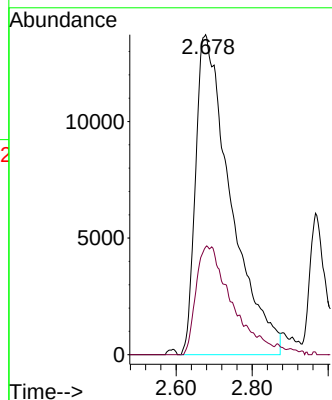
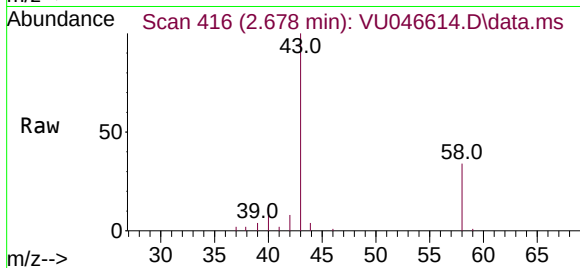
ClientSampleId :

Tgt Ion: 43 Resp: 88108

Ion Ratio Lower Upper

43 100

58 12.8 0.0 71.6



#14

Carbon disulfide

Concen: 3.509 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046614.D

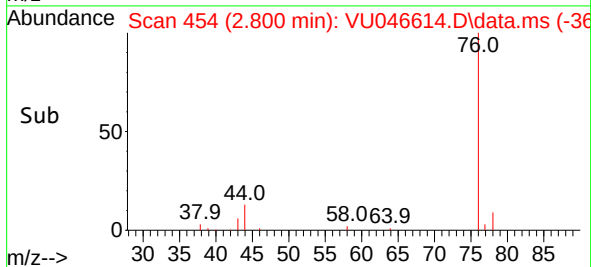
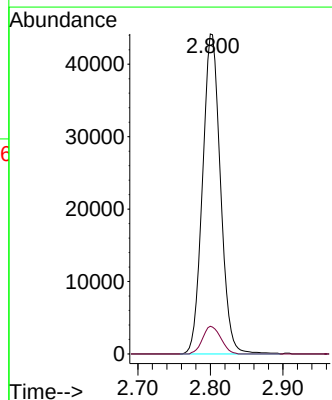
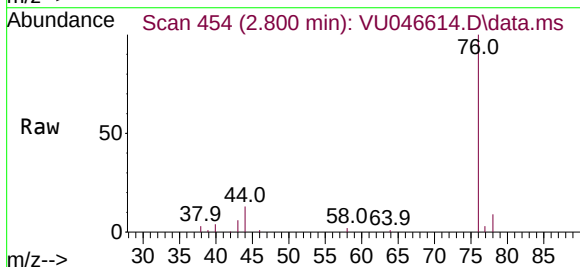
Acq: 28 Dec 2021 09:44

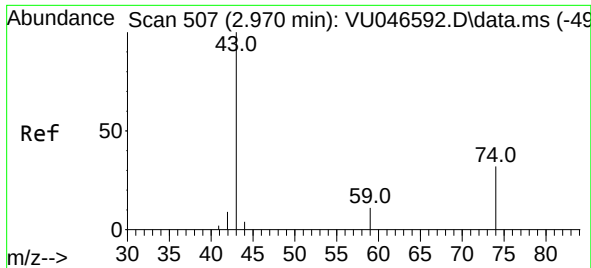
Tgt Ion: 76 Resp: 75839

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

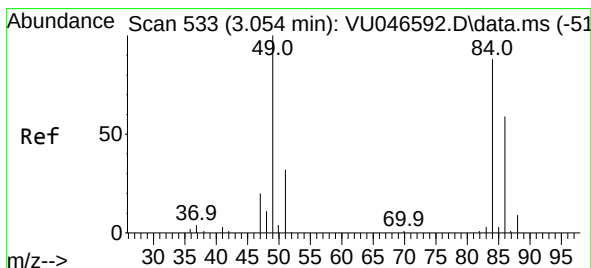
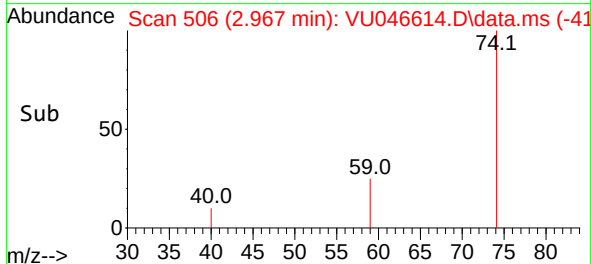
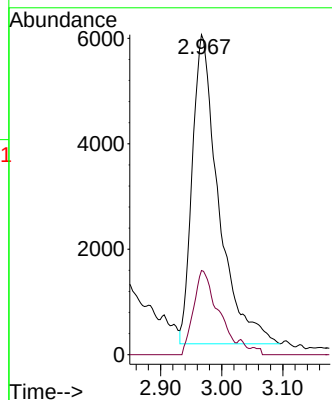
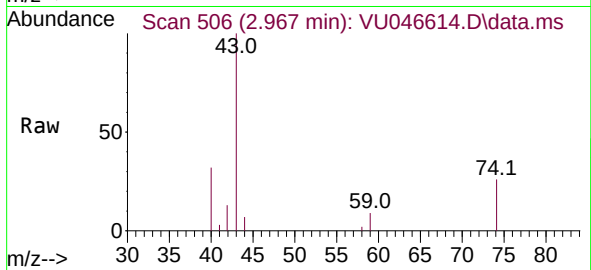




#15
Methyl Acetate
Concen: 5.380 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

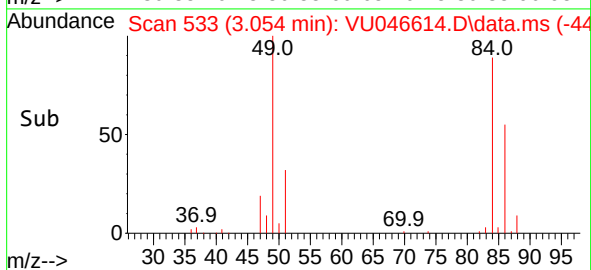
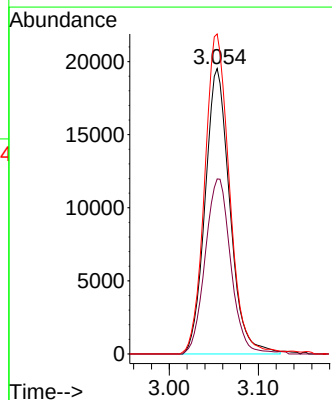
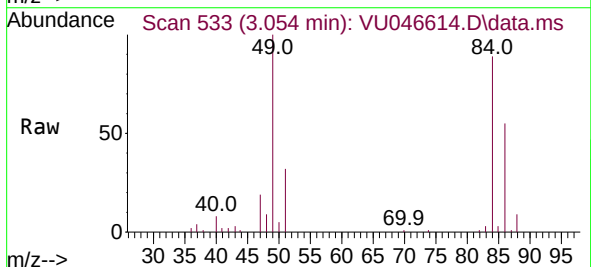
Instrument :
MSVOA_U
ClientSampleId :

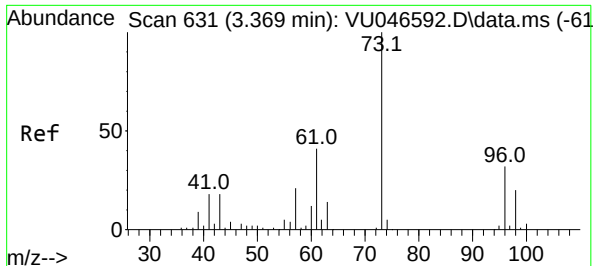
Tgt Ion: 43 Resp: 17511
Ion Ratio Lower Upper
43 100
74 25.3 19.1 28.7



#16
Methylene chloride
Concen: 4.671 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 84 Resp: 37608
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.0
49 112.1 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.134 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046614.D

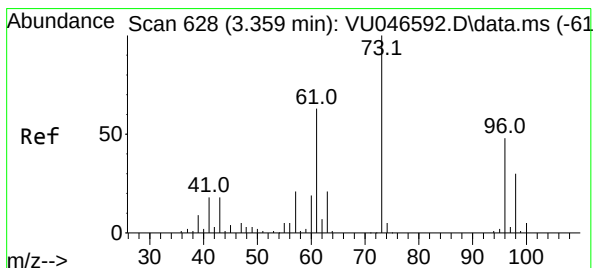
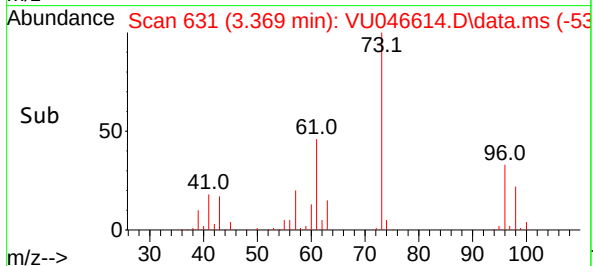
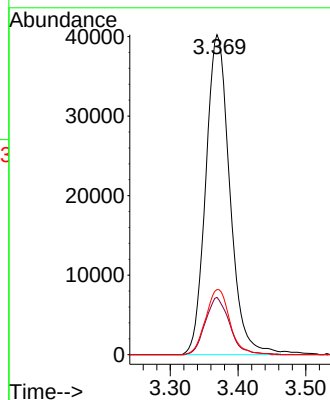
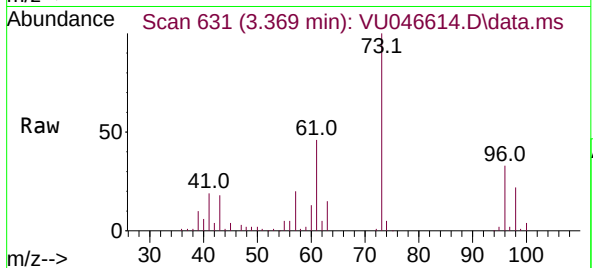
Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp:	99106
Ion	Ratio	Lower Upper
73	100	
43	18.1	14.8 22.2
57	20.5	17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.595 ug/L

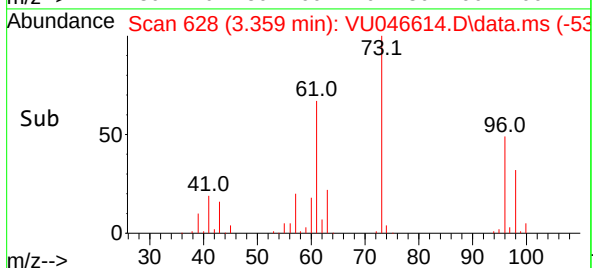
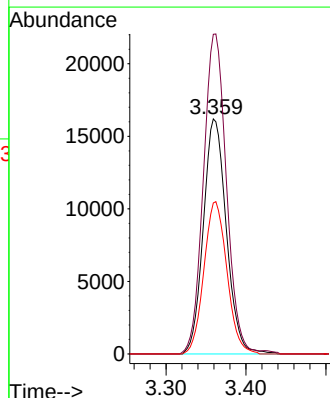
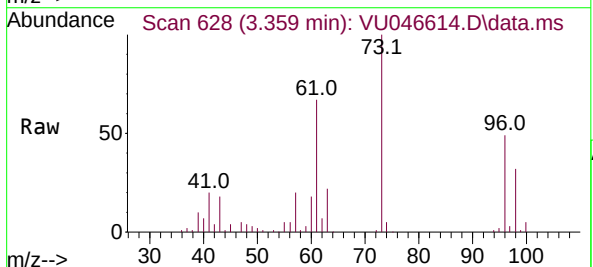
RT: 3.359 min Scan# 628

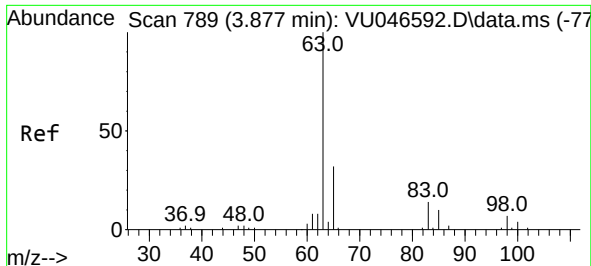
Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Tgt Ion: 96	Resp:	32441
Ion	Ratio	Lower Upper
96	100	
61	136.0	100.8 187.2
98	64.3	45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.086 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046614.D

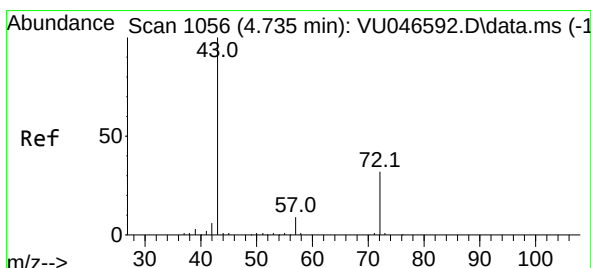
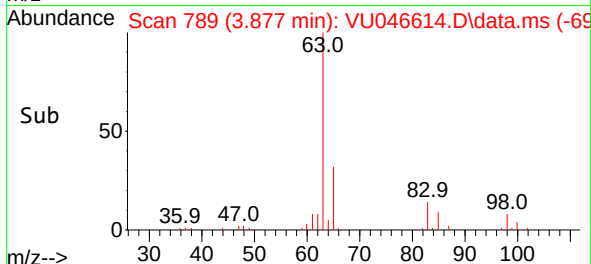
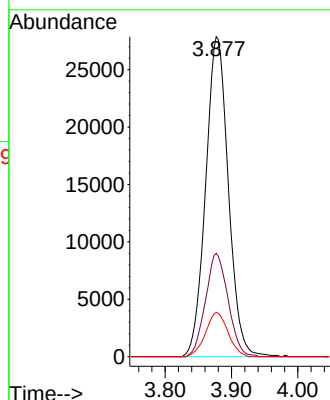
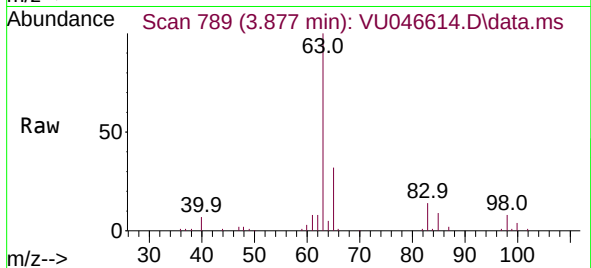
Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 66144
Ion Ratio	Lower Upper
63 100	
65 32.3	22.3 41.5
83 13.8	9.6 17.8



#21

2-Butanone

Concen: 57.149 ug/L

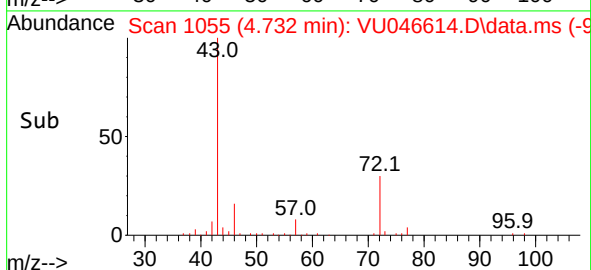
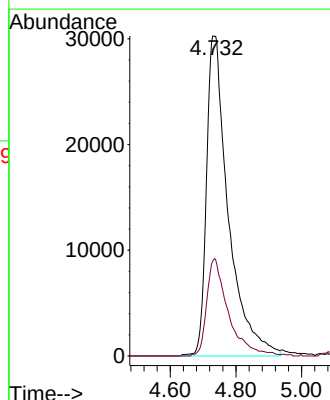
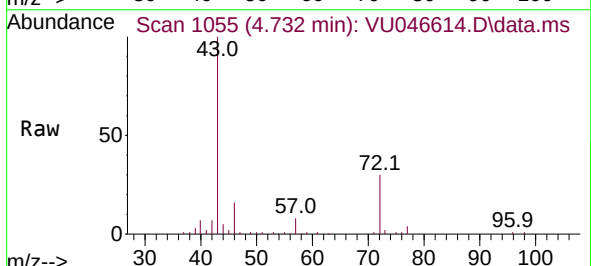
RT: 4.732 min Scan# 1055

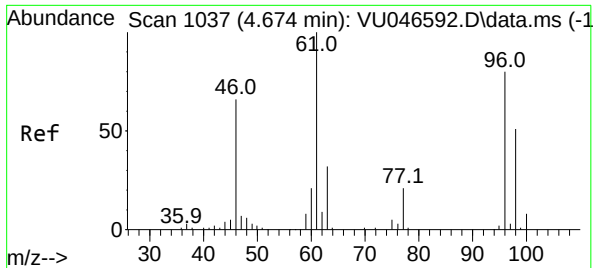
Delta R.T. -0.003 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Tgt Ion: 43	Resp: 139726
Ion Ratio	Lower Upper
43 100	
72 29.7	14.1 42.3

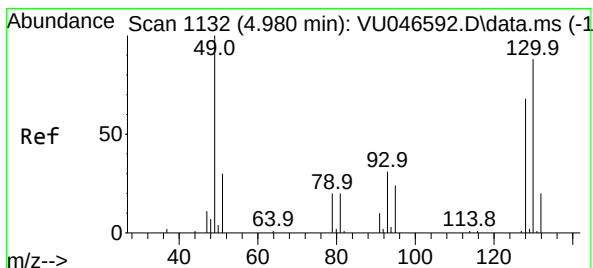
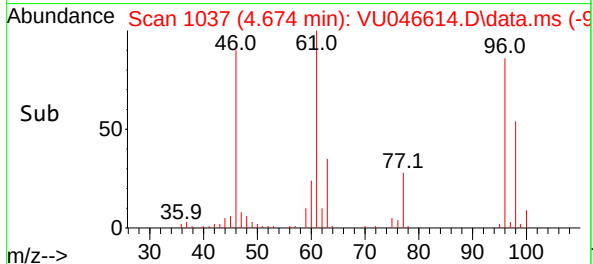
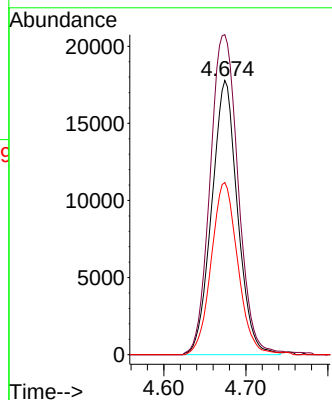
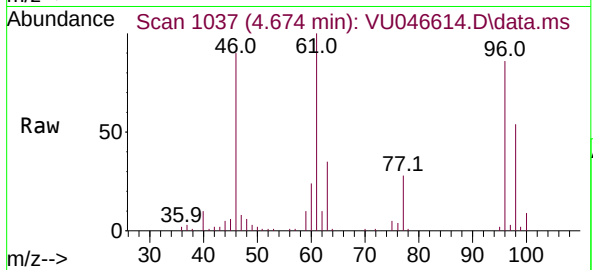




#22
 cis-1,2-Dichloroethene
 Concen: 5.058 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

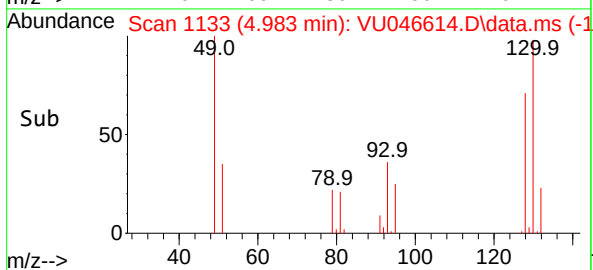
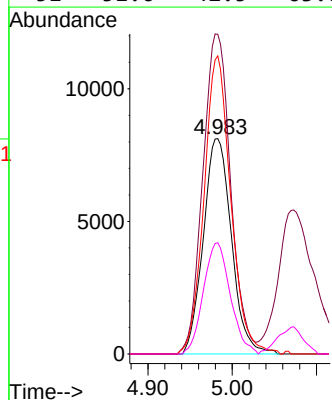
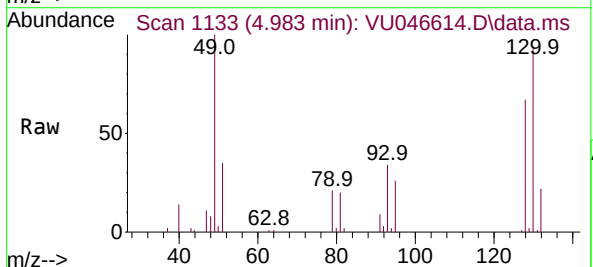
Instrument :
 MSVOA_U
 ClientSampleId :

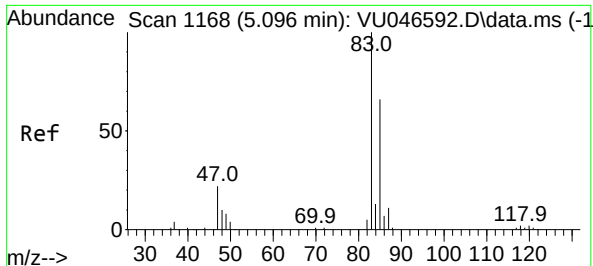
Tgt Ion: 96 Resp: 39031
 Ion Ratio Lower Upper
 96 100
 61 116.7 88.5 164.3
 98 62.8 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.915 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

Tgt Ion: 128 Resp: 18878
 Ion Ratio Lower Upper
 128 100
 49 148.4 117.0 217.2
 130 138.4 88.2 163.8
 51 51.6 42.5 63.7





#25

Chloroform

Concen: 5.236 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

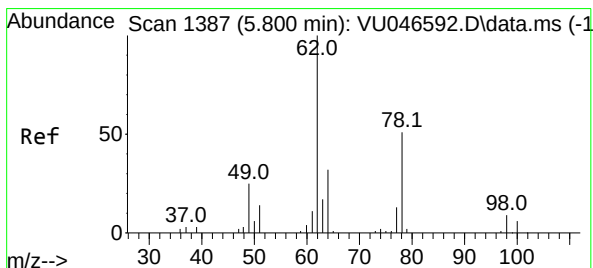
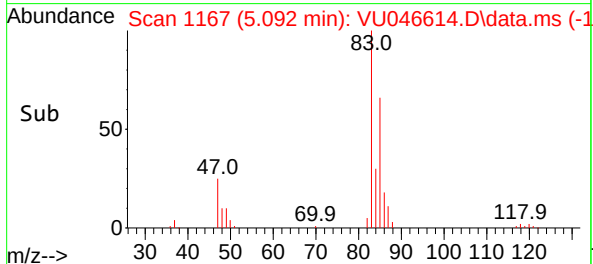
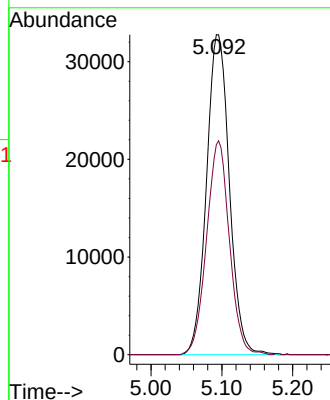
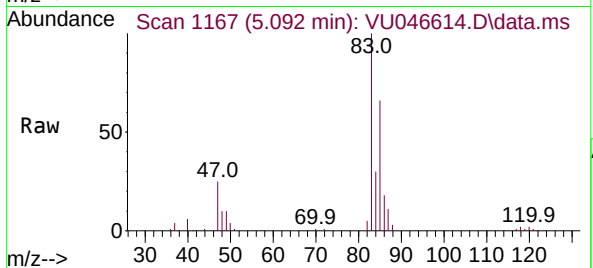
ClientSampleId :

Tgt Ion: 83 Resp: 73557

Ion Ratio Lower Upper

83 100

85 65.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.002 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046614.D

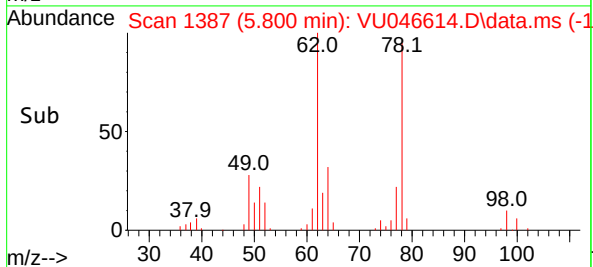
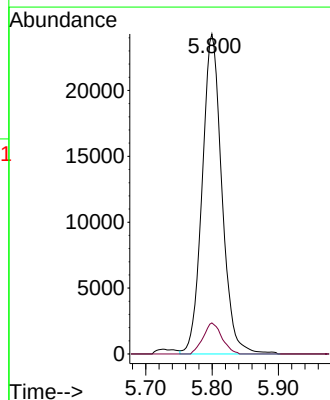
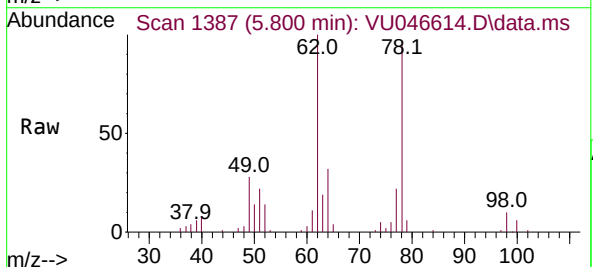
Acq: 28 Dec 2021 09:44

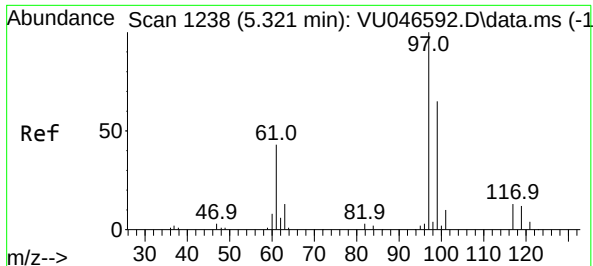
Tgt Ion: 62 Resp: 50168

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8

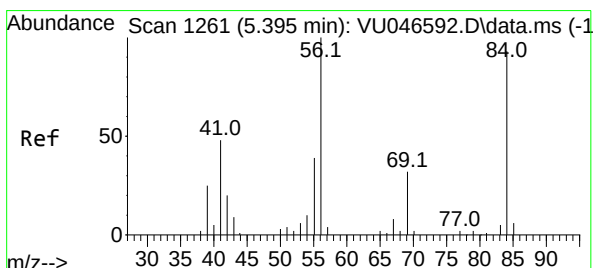
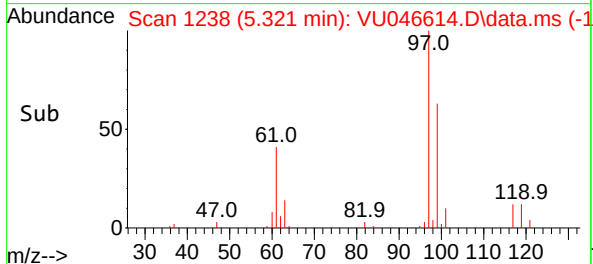
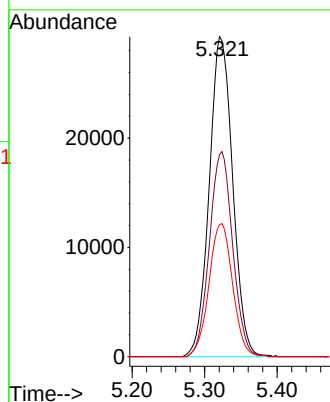
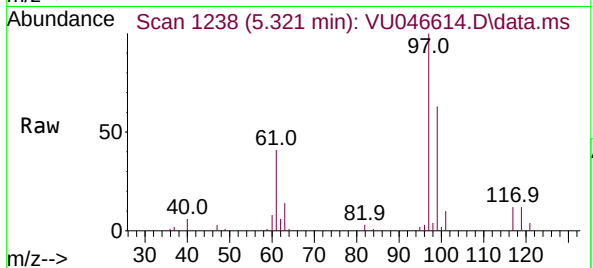




#29
1,1,1-Trichloroethane
Concen: 5.161 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

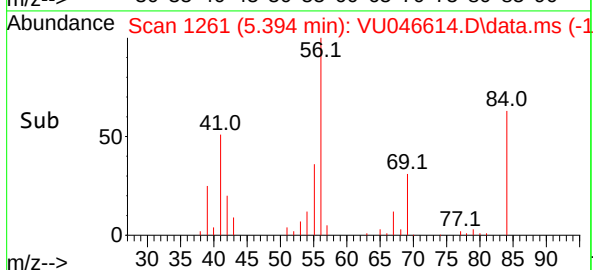
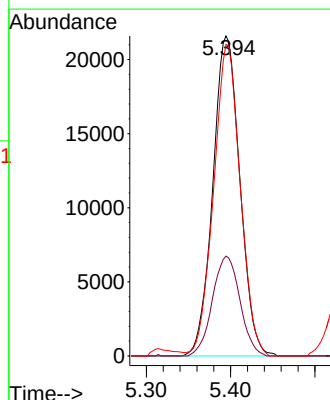
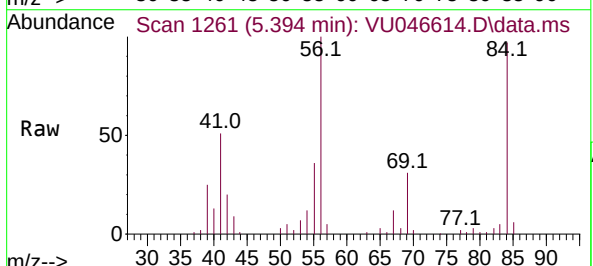
Instrument :
MSVOA_U
ClientSampleId :

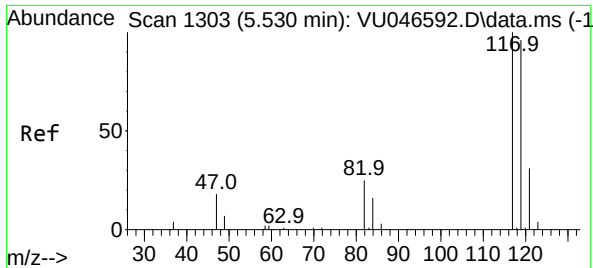
Tgt Ion: 97 Resp: 65782
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 42.0 36.1 54.1



#30
Cyclohexane
Concen: 4.559 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 56 Resp: 48072
Ion Ratio Lower Upper
56 100
69 31.8 24.7 37.1
84 95.8 71.8 107.6

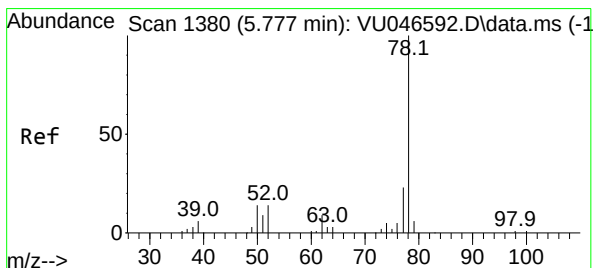
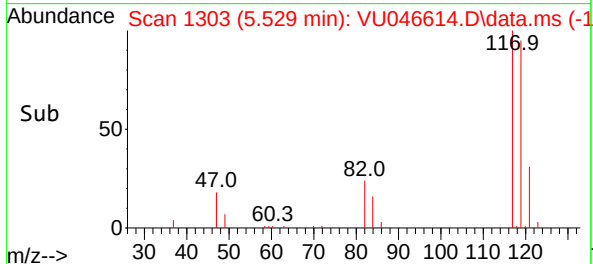
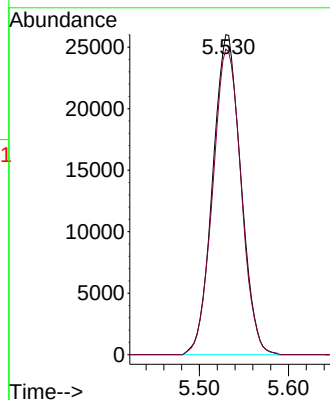
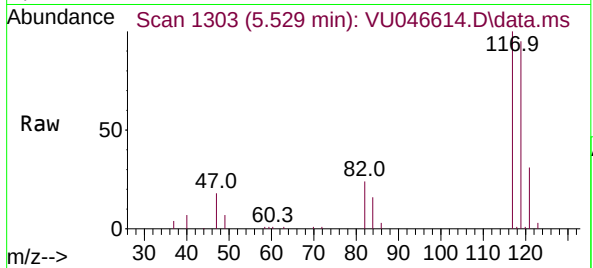




#31
Carbon tetrachloride
Concen: 5.334 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

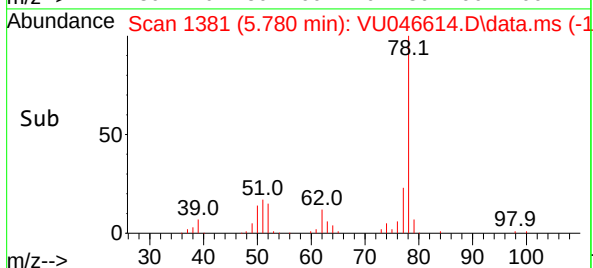
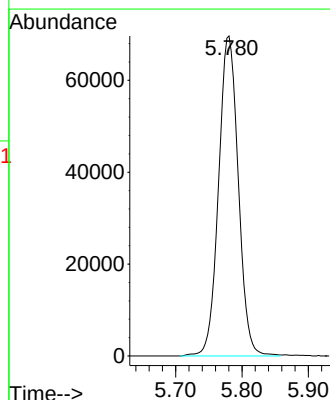
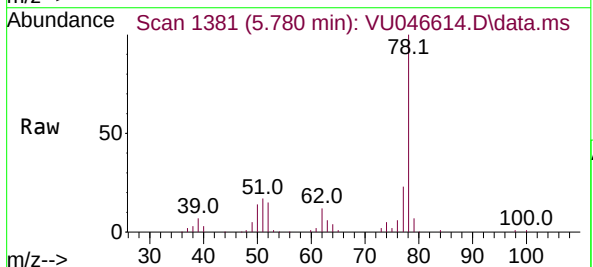
Instrument :
MSVOA_U
ClientSampleId :

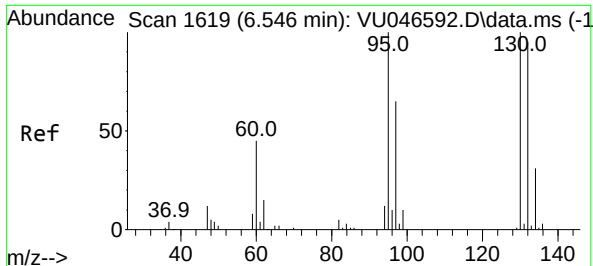
Tgt Ion:117 Resp: 57056
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 4.698 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 78 Resp: 143891

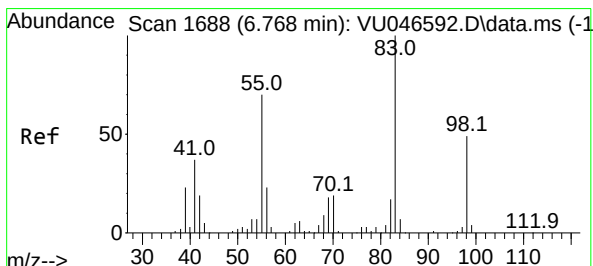
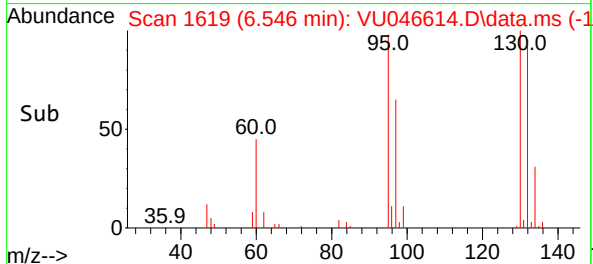
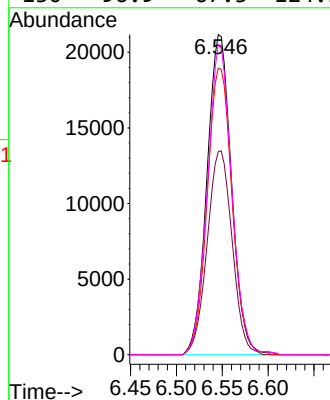
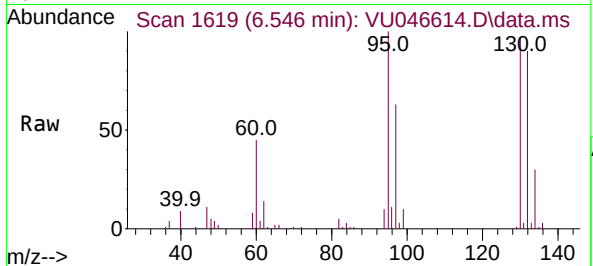




#34
Trichloroethene
Concen: 4.868 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

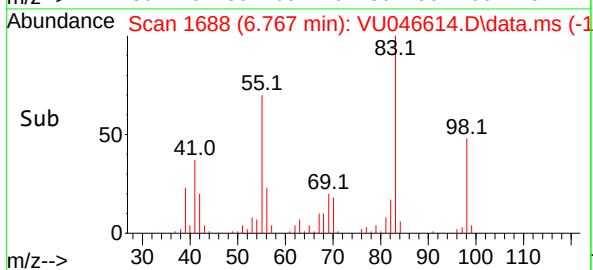
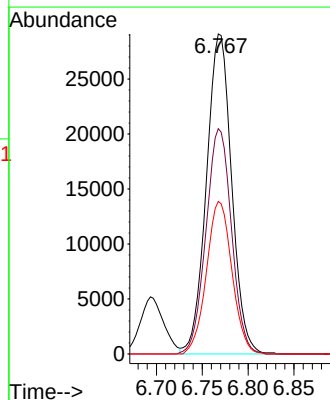
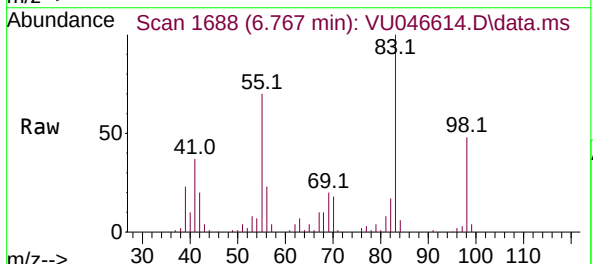
Instrument :
MSVOA_U
ClientSampleId :

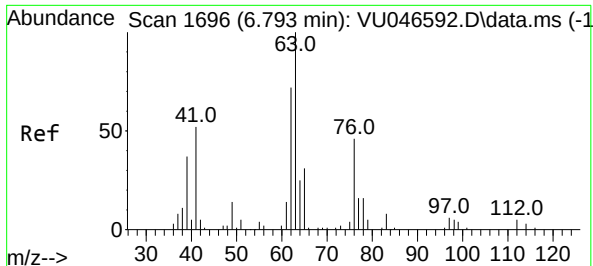
Tgt Ion: 95 Resp: 39305
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.5
132 89.6 65.1 120.9
130 96.9 67.3 124.9



#35
Methylcyclohexane
Concen: 4.897 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 83 Resp: 55751
Ion Ratio Lower Upper
83 100
55 71.2 61.9 92.9
98 48.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.062 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

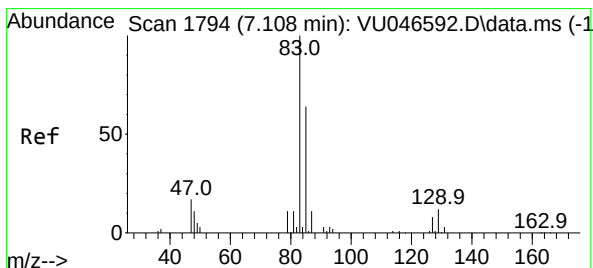
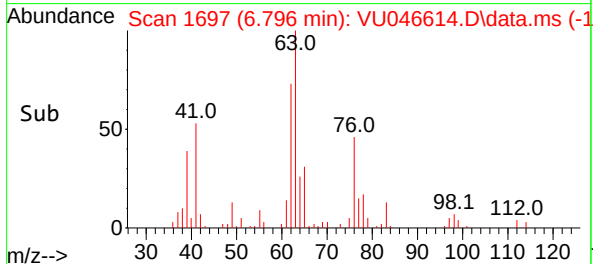
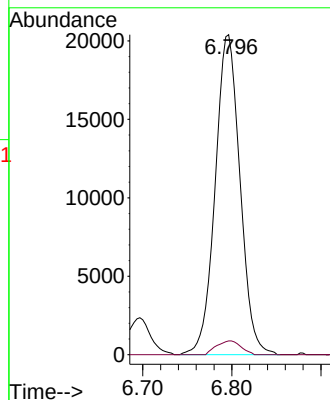
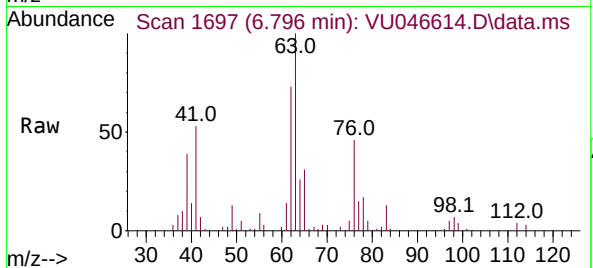
ClientSampleId :

Tgt Ion: 63 Resp: 39551

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.278 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

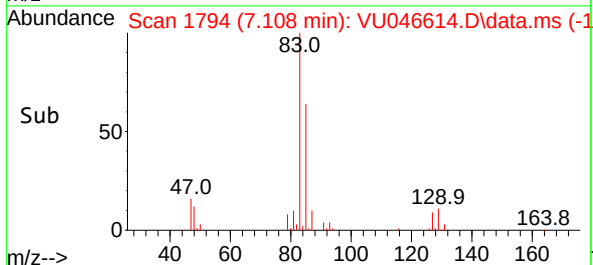
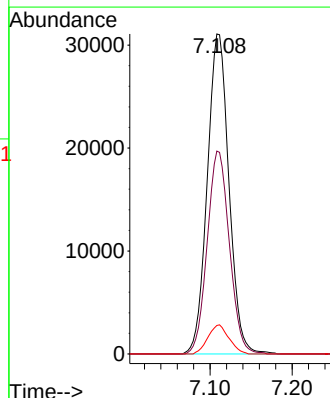
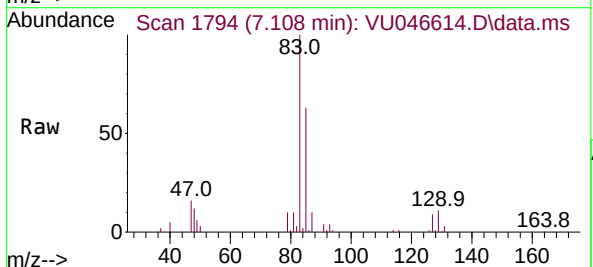
Tgt Ion: 83 Resp: 57082

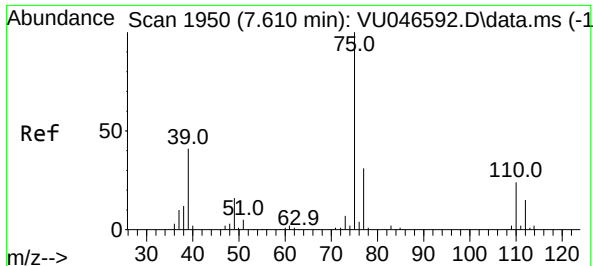
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.161 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

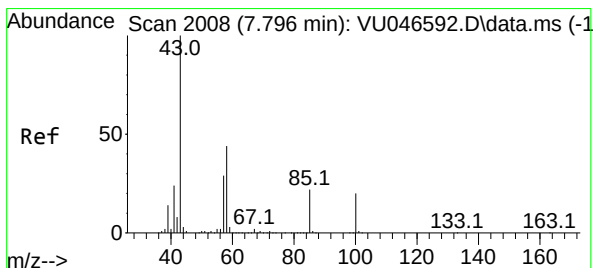
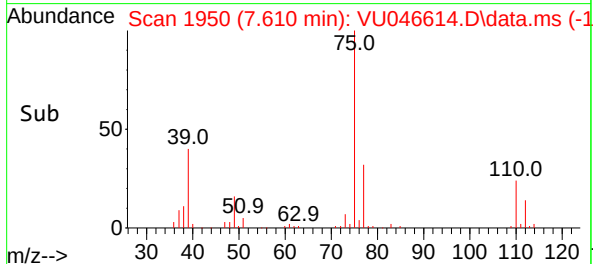
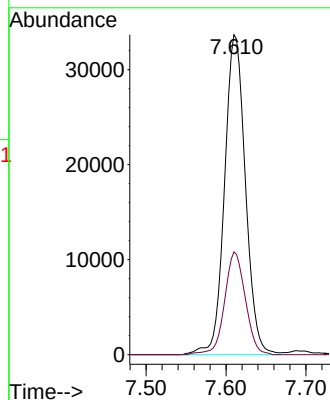
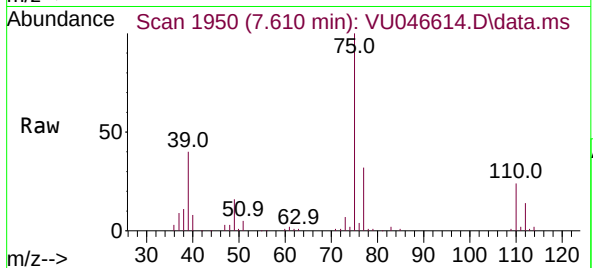
ClientSampleId :

Tgt Ion: 75 Resp: 61036

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.387 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

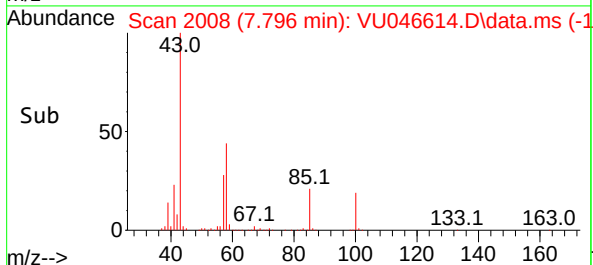
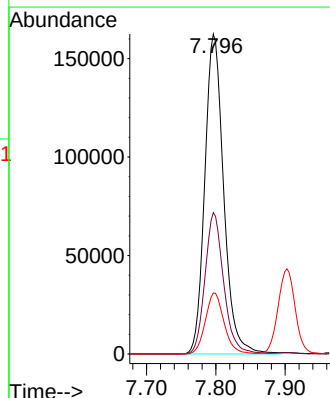
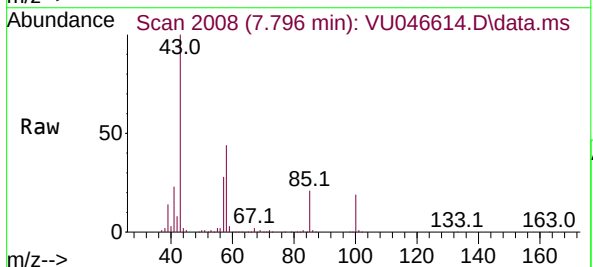
Tgt Ion: 43 Resp: 307239

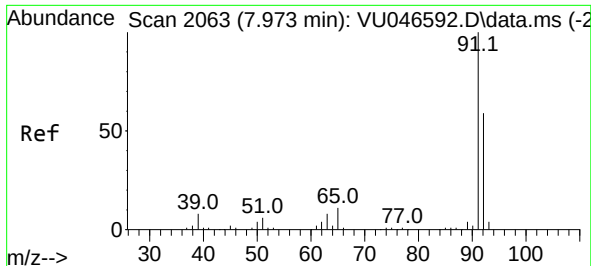
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 18.9 13.2 19.8





#42

Toluene

Concen: 5.101 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

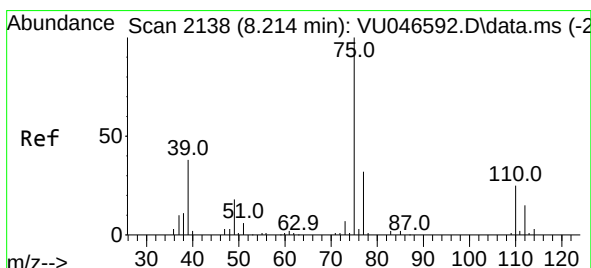
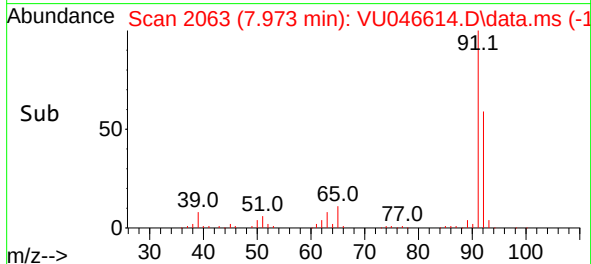
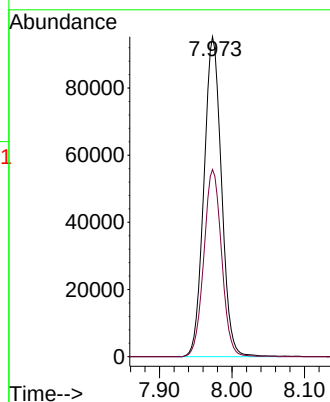
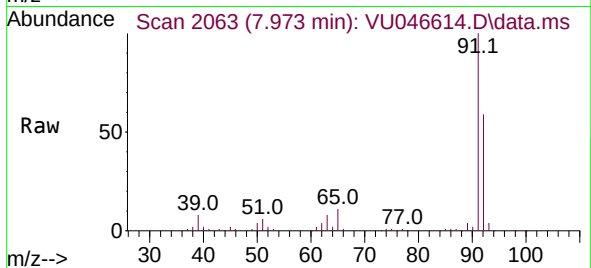
ClientSampleId :

Tgt Ion: 91 Resp: 160380

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046614.D

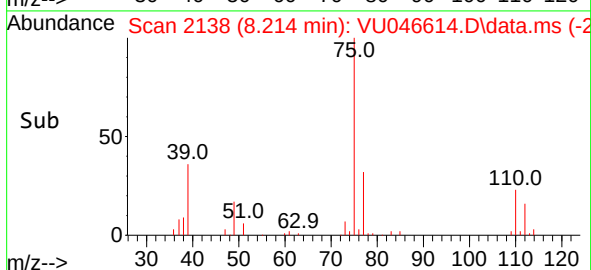
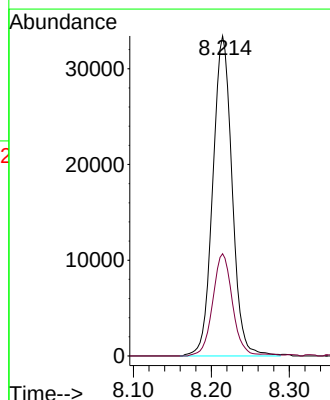
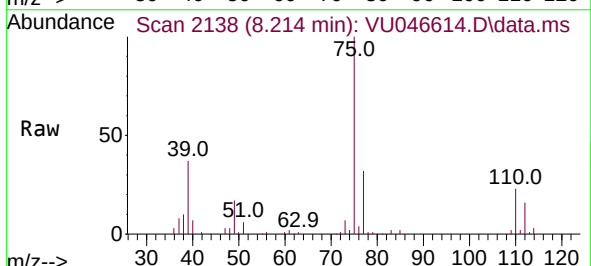
Acq: 28 Dec 2021 09:44

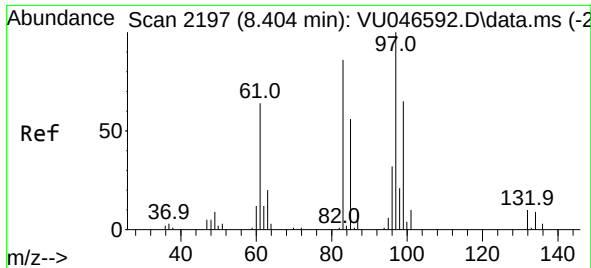
Tgt Ion: 75 Resp: 57566

Ion Ratio Lower Upper

75 100

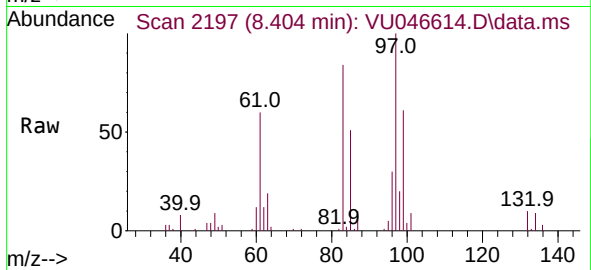
77 31.9 22.7 42.3



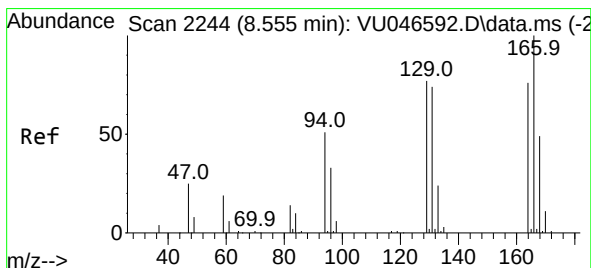
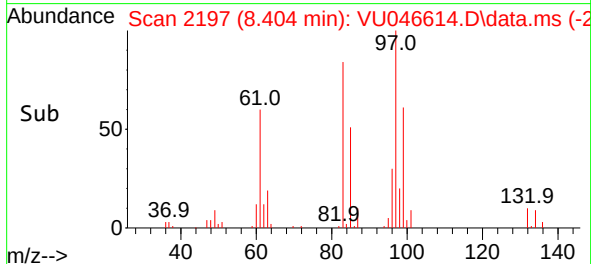
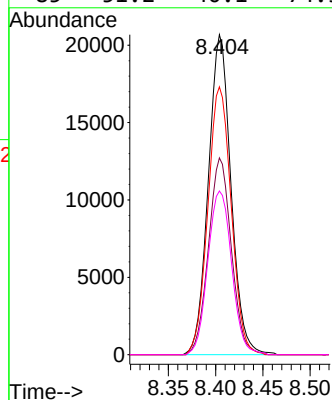


#45
1,1,2-Trichloroethane
Concen: 5.116 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Instrument :
MSVOA_U
ClientSampleId :

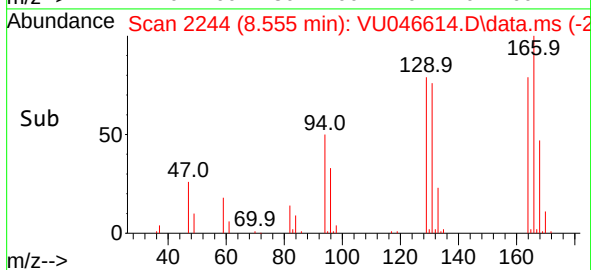
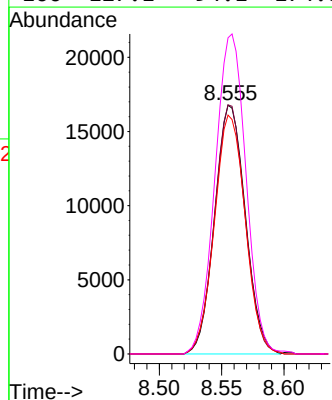
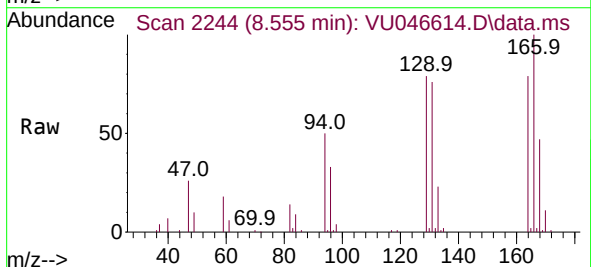


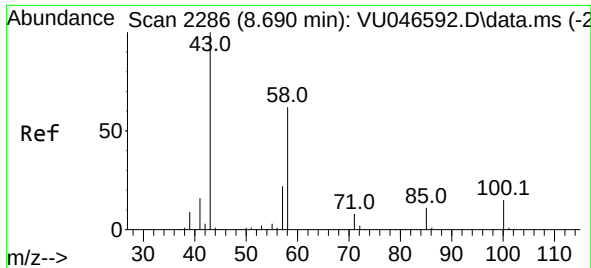
Tgt Ion: 97	Resp: 34469
Ion Ratio	Lower Upper
97 100	
99 61.5	42.3 78.5
83 83.7	62.0 115.2
85 51.2	40.1 74.5



#47
Tetrachloroethene
Concen: 5.040 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt	Ion:164	Resp:	28794
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.8	133.4
131	96.0	68.5	127.3
166	127.1	94.1	174.8



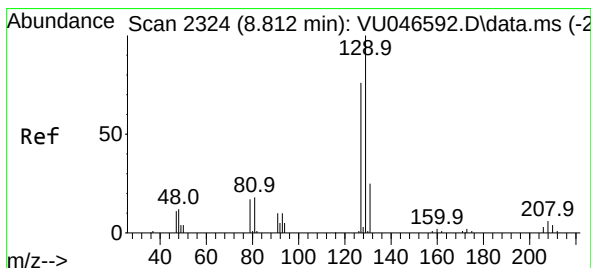
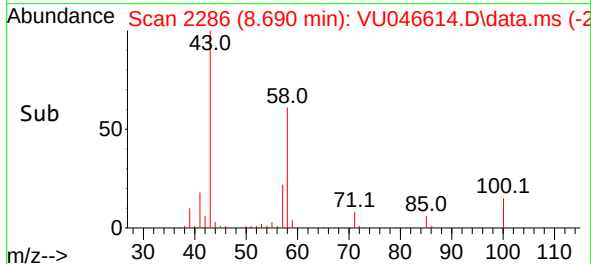
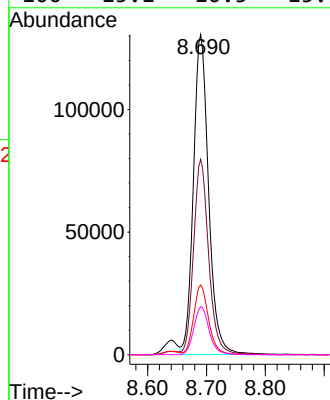
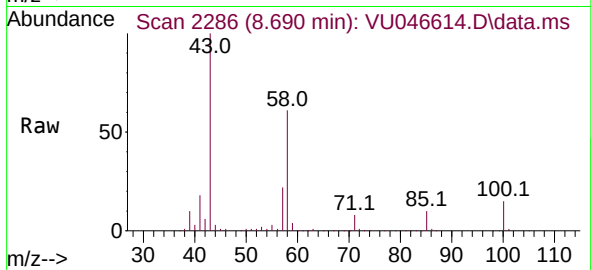


#48
2-Hexanone
Concen: 53.498 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 234317

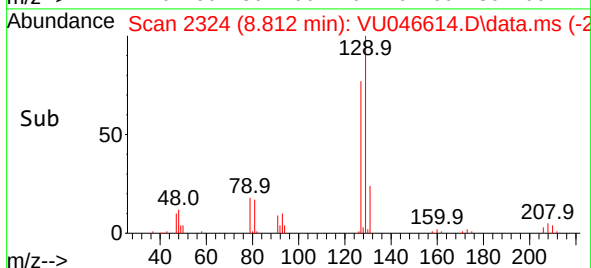
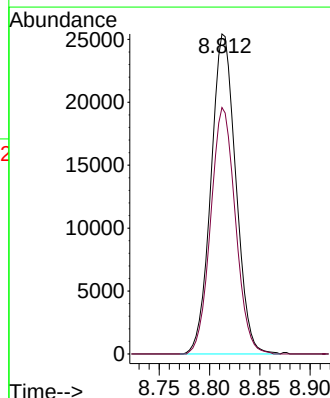
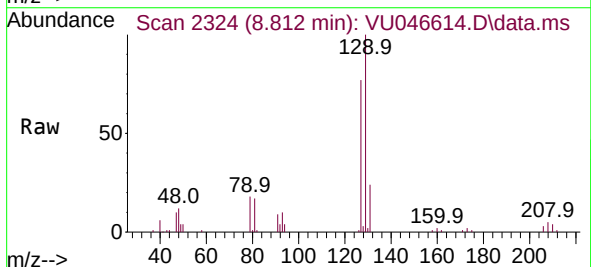
Ion	Ratio	Lower	Upper
43	100		
58	61.0	46.7	70.1
57	21.3	16.3	24.5
100	15.1	10.5	15.7

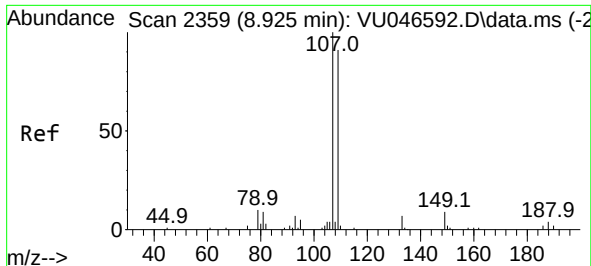


#49
Dibromochloromethane
Concen: 5.622 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 129 Resp: 43693

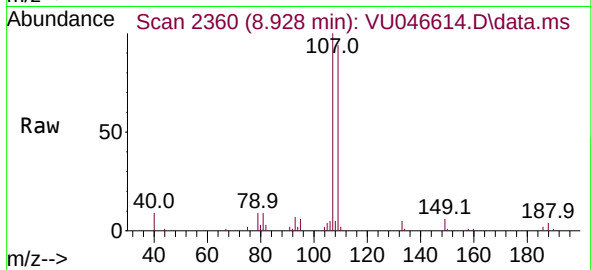
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.4	102.8



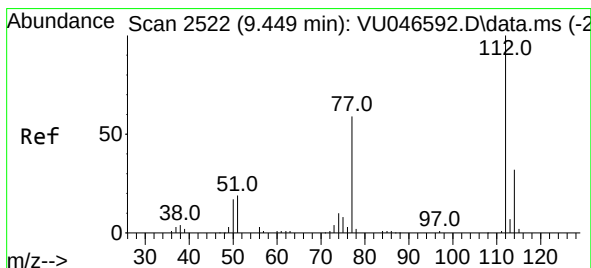
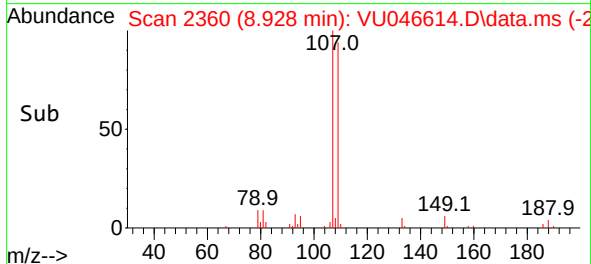
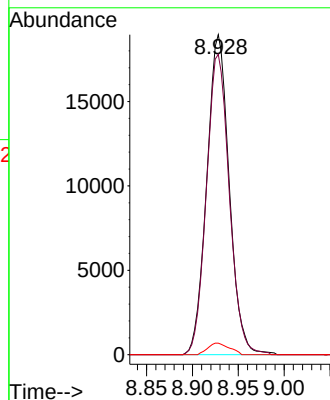


#50
1,2-Dibromoethane
Concen: 4.975 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Instrument :
MSVOA_U
ClientSampleId :

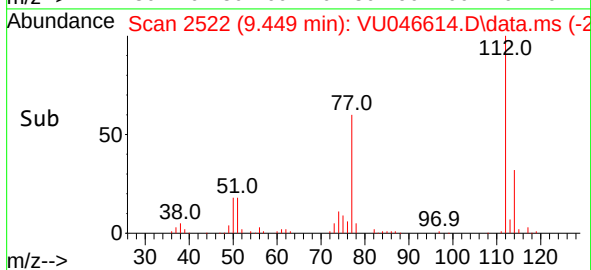
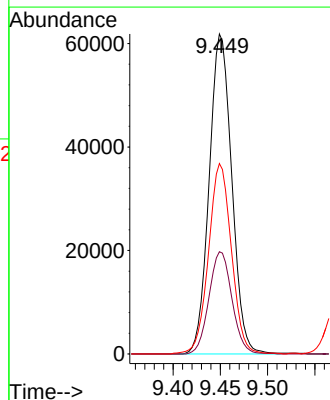
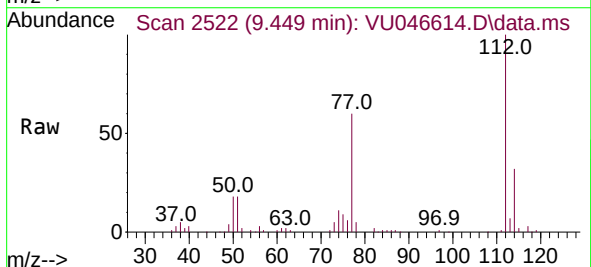


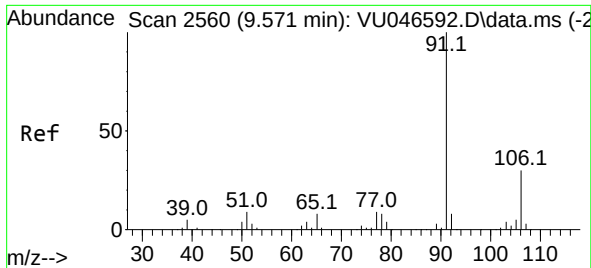
Tgt Ion:107 Resp: 32359
Ion Ratio Lower Upper
107 100
109 93.8 64.0 119.0
188 3.6 2.4 3.6



#51
Chlorobenzene
Concen: 5.112 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion:112 Resp: 102741
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 59.5 48.3 72.5

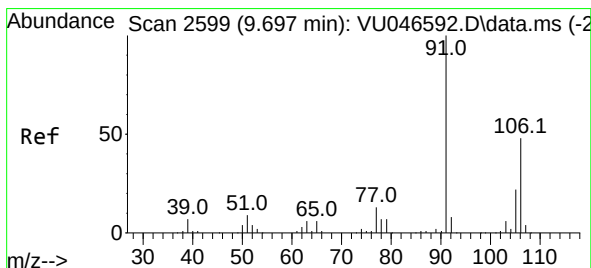
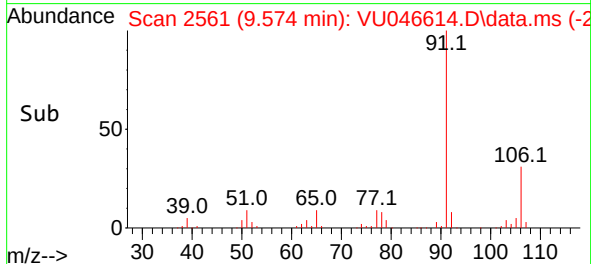
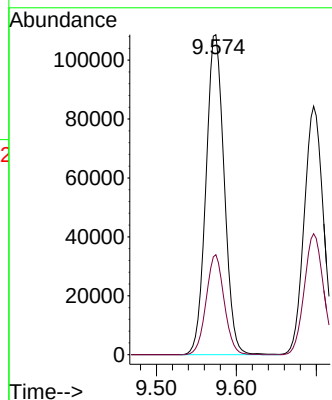
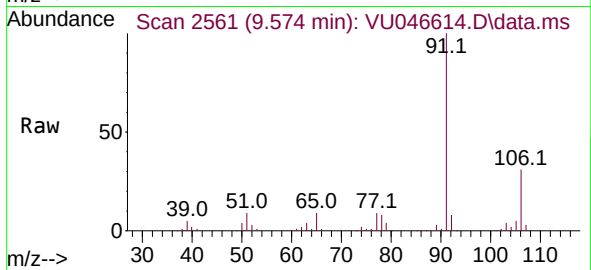




#52
Ethylbenzene
Concen: 5.299 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

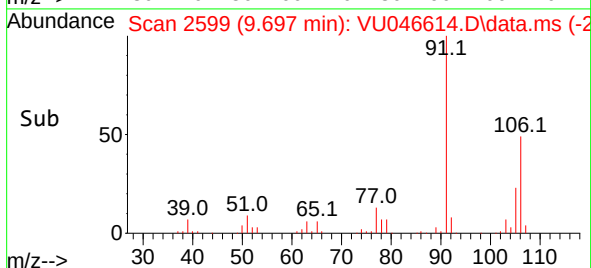
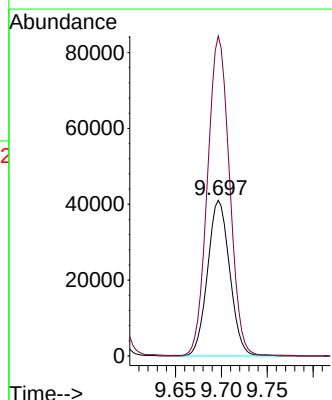
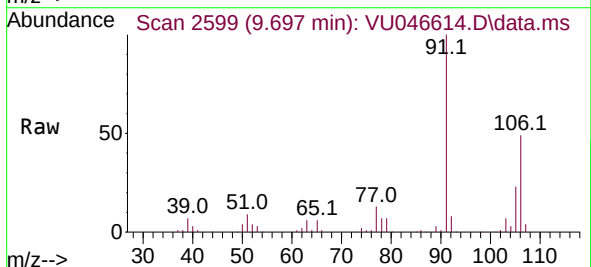
Instrument :
MSVOA_U
ClientSampleId :

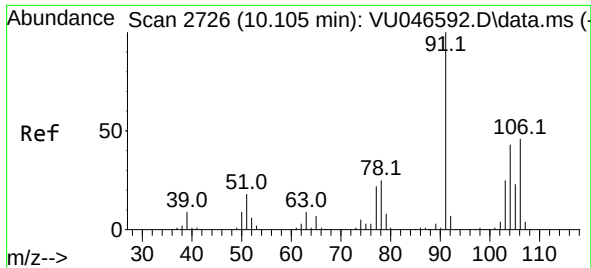
Tgt Ion: 91 Resp: 172450
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.522 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion:106 Resp: 68839
Ion Ratio Lower Upper
106 100
91 205.5 139.4 259.0

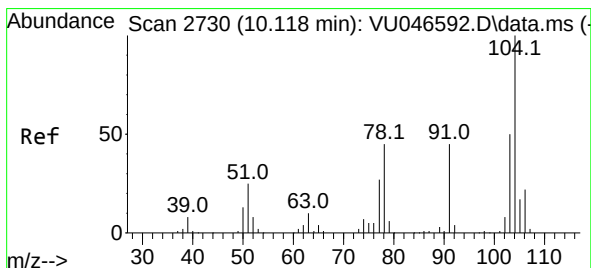
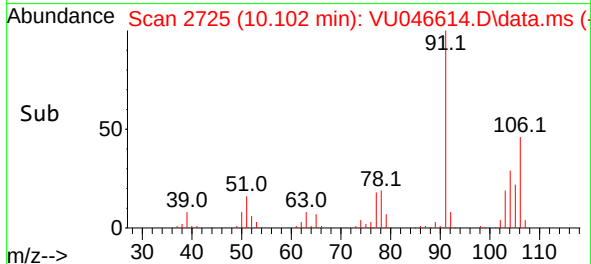
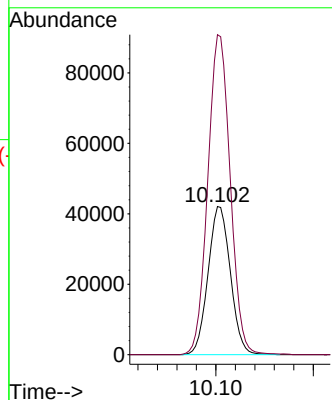
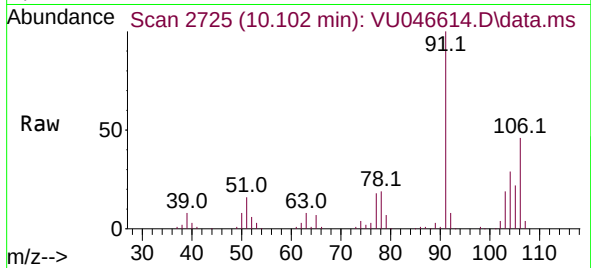




#54
o-Xylene
Concen: 5.583 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

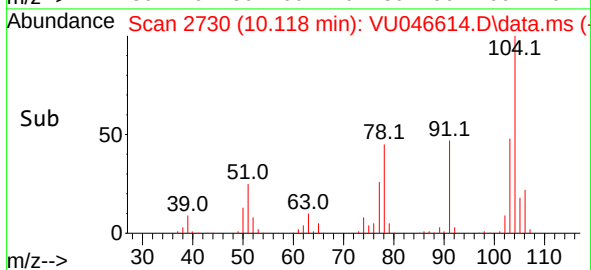
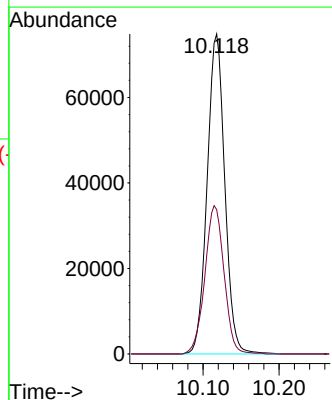
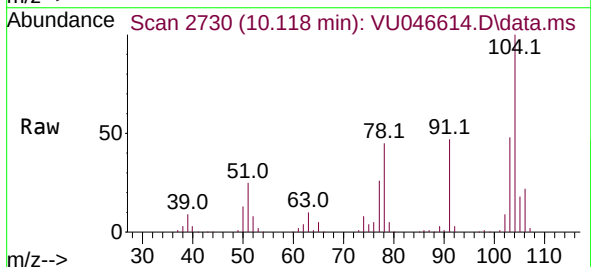
Instrument :
MSVOA_U
ClientSampleId :

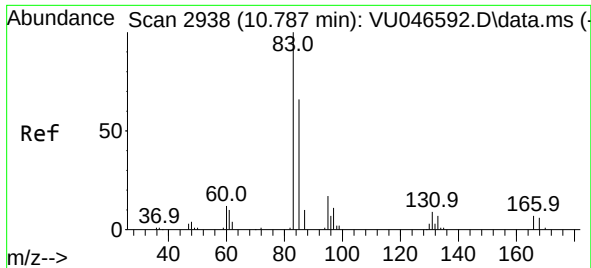
Tgt Ion:106 Resp: 66876
Ion Ratio Lower Upper
106 100
91 215.9 147.5 273.9



#55
Styrene
Concen: 5.801 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion:104 Resp: 120541
Ion Ratio Lower Upper
104 100
78 45.1 33.0 61.4

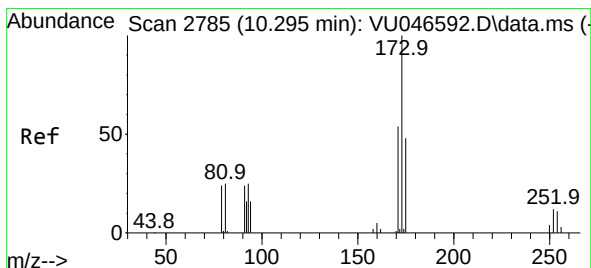
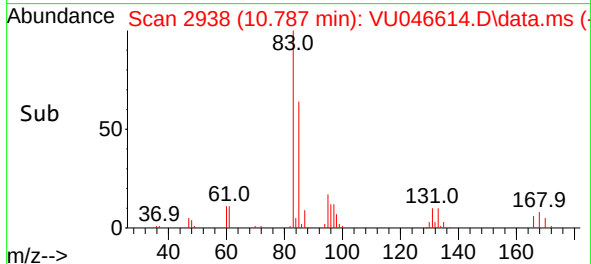
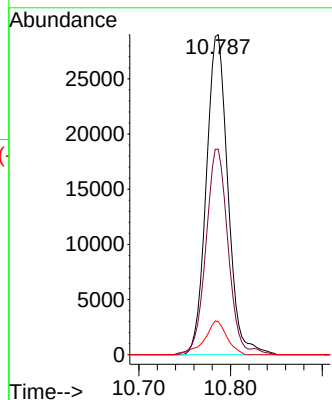
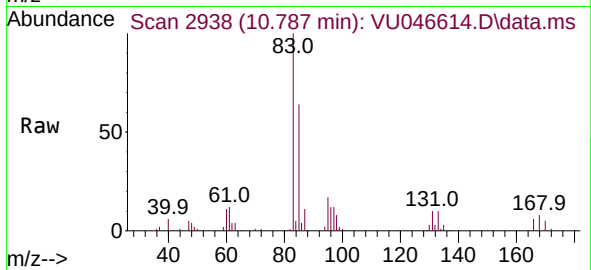




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.389 ug/L
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

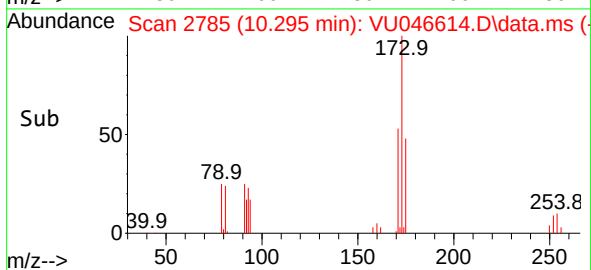
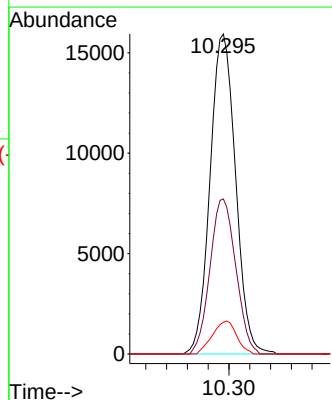
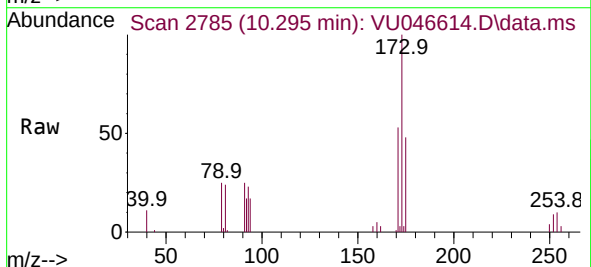
Instrument :
 MSVOA_U
 ClientSampleId :

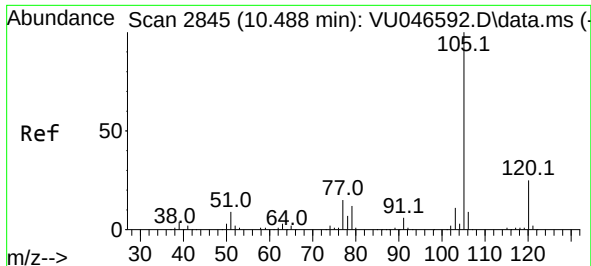
Tgt Ion:	83	Resp:	47450
Ion	Ratio	Lower	Upper
83	100		
85	64.2	47.9	89.1
131	10.3	8.1	12.1



#59
 Bromoform
 Concen: 5.250 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

Tgt Ion:	173	Resp:	27145
Ion	Ratio	Lower	Upper
173	100		
175	49.0	37.8	56.6
254	9.8	7.3	10.9

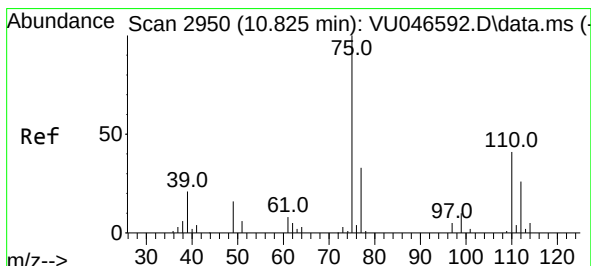
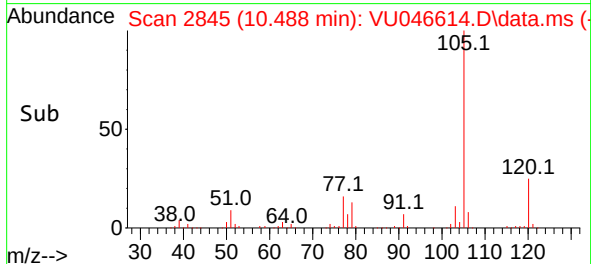
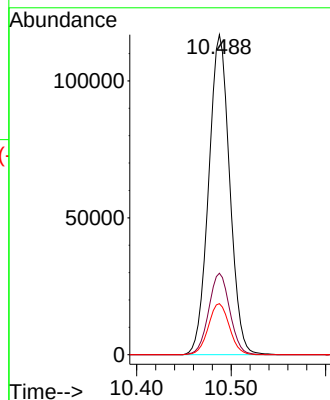
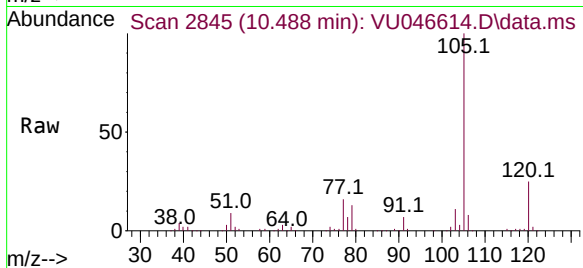




#60
Isopropylbenzene
Concen: 5.221 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

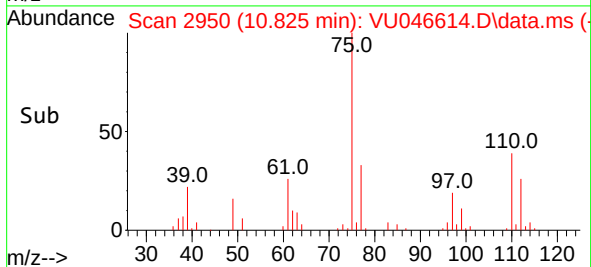
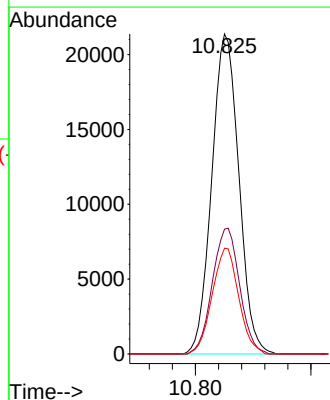
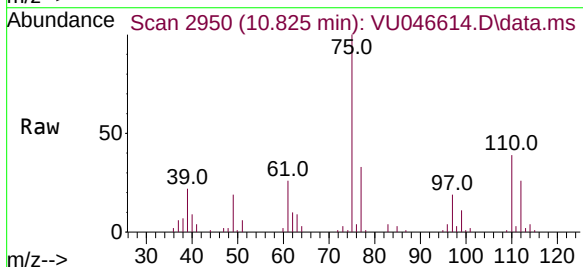
Instrument :
MSVOA_U
ClientSampleId :

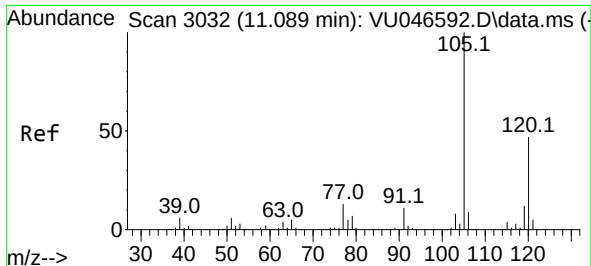
Tgt Ion:105 Resp: 180200
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.678 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion: 75 Resp: 34772
Ion Ratio Lower Upper
75 100
110 39.6 29.9 44.9
77 32.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.171 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

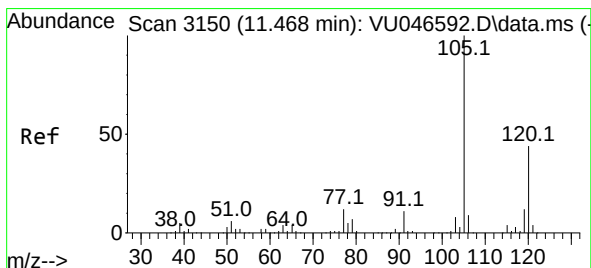
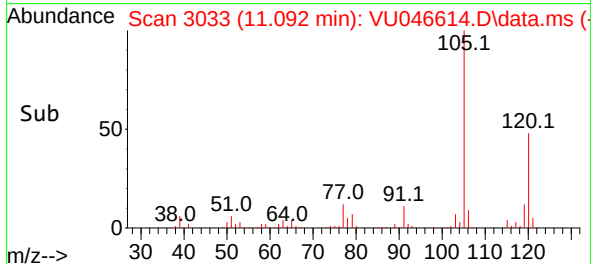
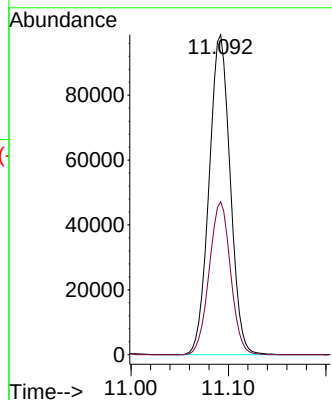
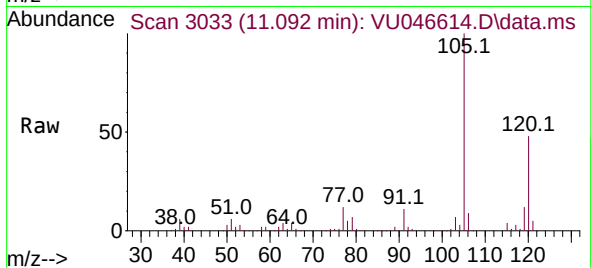
ClientSampleId :

Tgt Ion:105 Resp: 148431

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.348 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046614.D

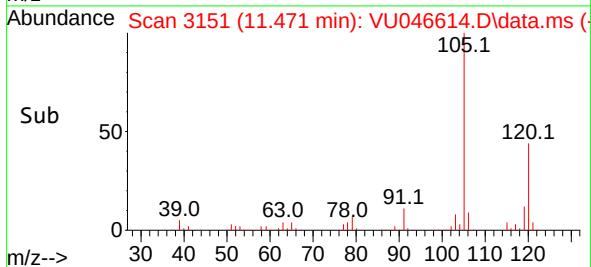
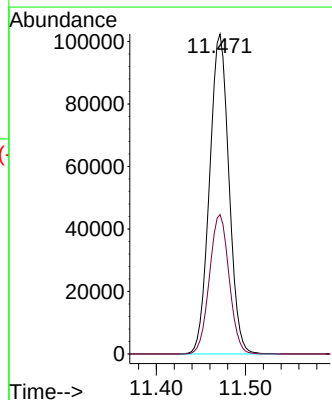
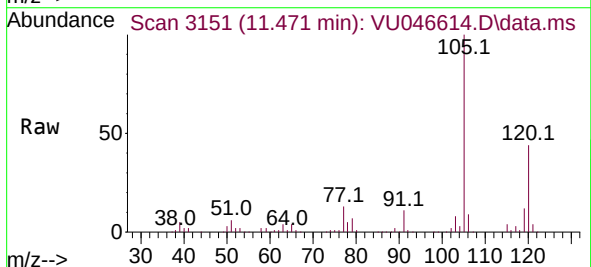
Acq: 28 Dec 2021 09:44

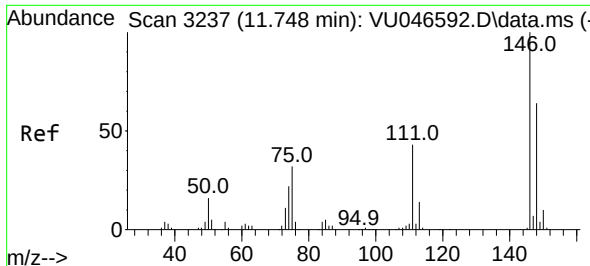
Tgt Ion:105 Resp: 154598

Ion Ratio Lower Upper

105 100

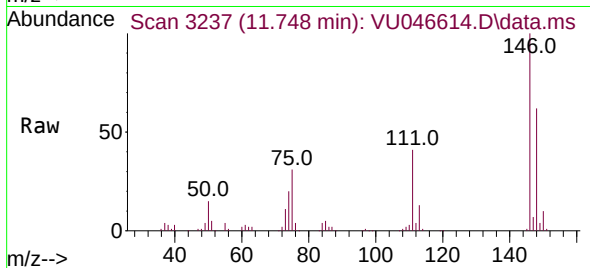
120 44.2 35.8 53.8



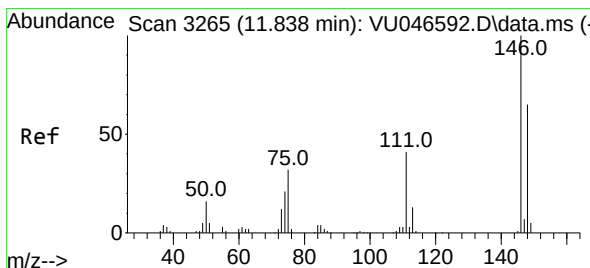
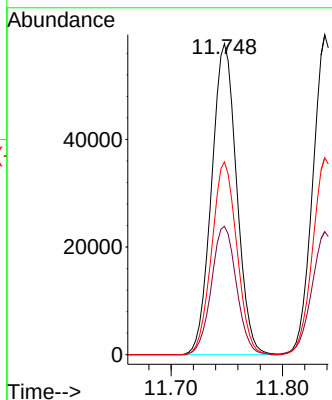
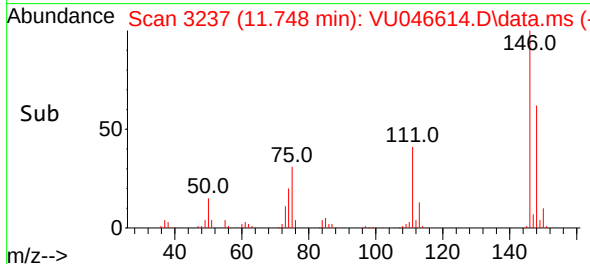


#64
1,3-Dichlorobenzene
Concen: 5.387 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

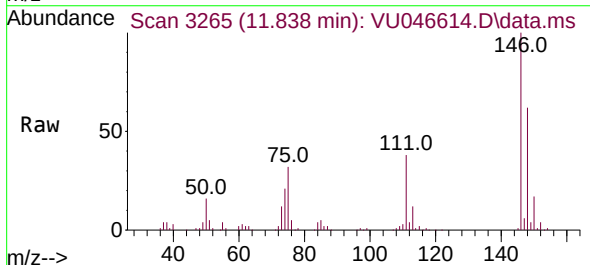
Instrument :
MSVOA_U
ClientSampleId :



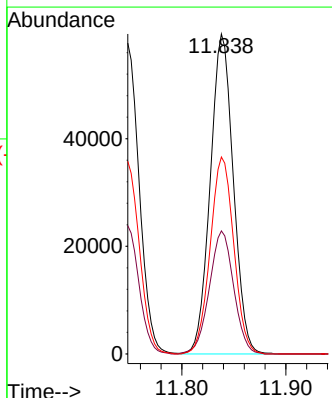
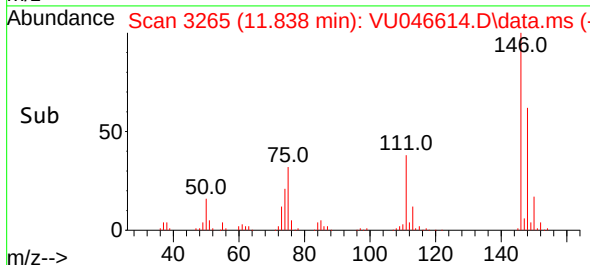
Tgt Ion:146 Resp: 90377
Ion Ratio Lower Upper
146 100
111 41.3 29.9 55.5
148 62.0 44.3 82.3

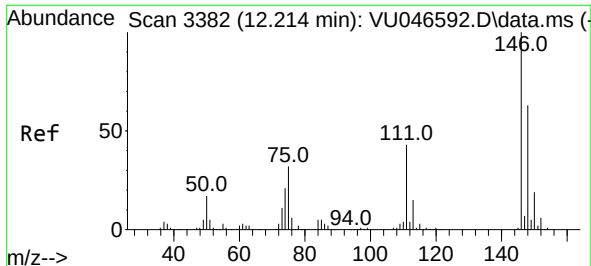


#65
1,4-Dichlorobenzene
Concen: 5.336 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44



Tgt Ion:146 Resp: 91658
Ion Ratio Lower Upper
146 100
111 38.5 28.7 53.3
148 61.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.124 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

Instrument :

MSVOA_U

ClientSampleId :

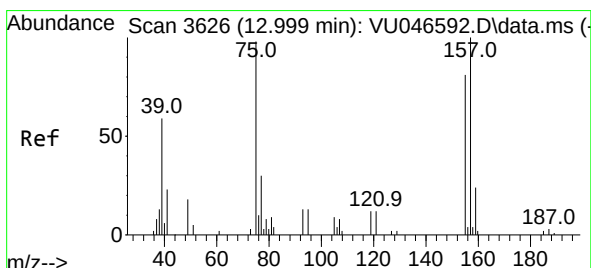
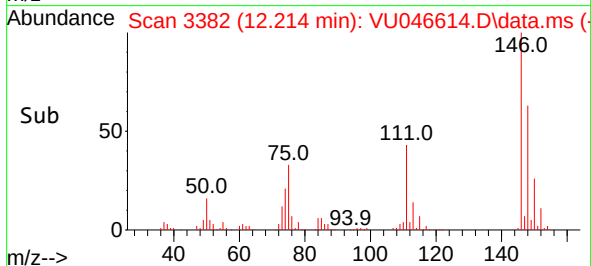
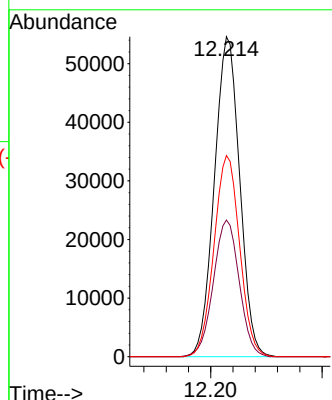
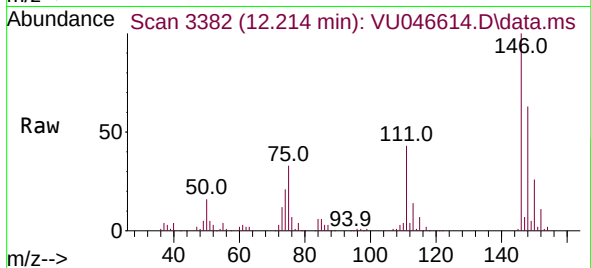
Tgt Ion:146 Resp: 86235

Ion Ratio Lower Upper

146 100

111 42.7 35.4 53.0

148 62.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.358 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046614.D

Acq: 28 Dec 2021 09:44

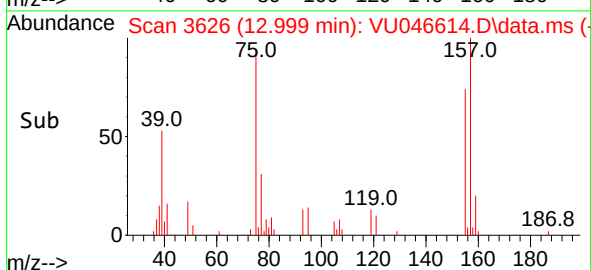
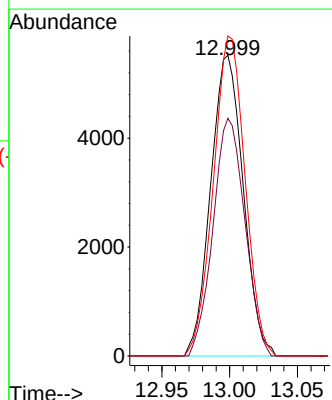
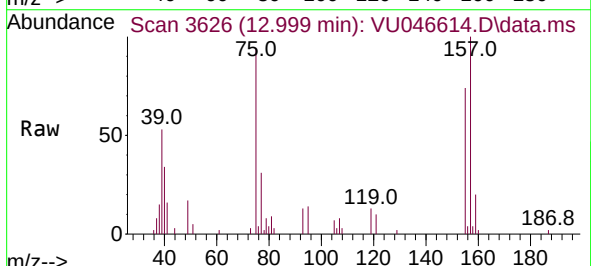
Tgt Ion: 75 Resp: 9219

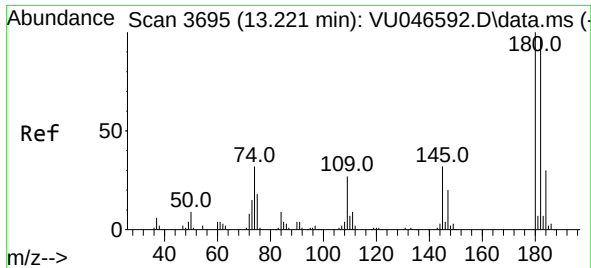
Ion Ratio Lower Upper

75 100

155 79.0 59.2 88.8

157 106.4 76.5 114.7

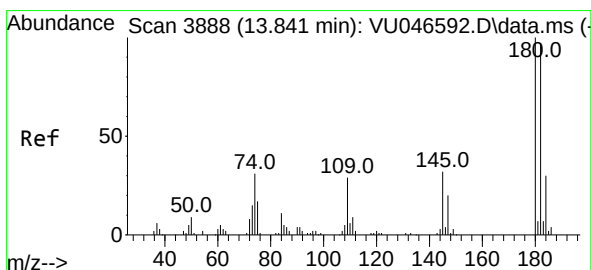
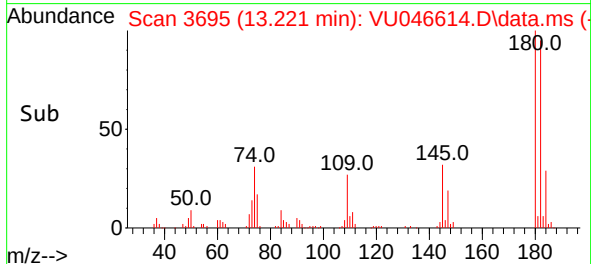
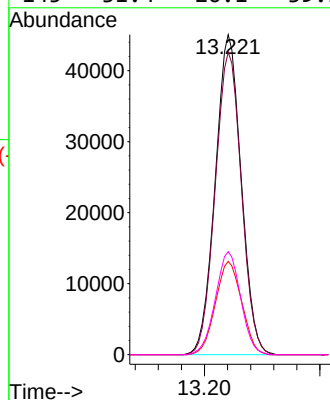
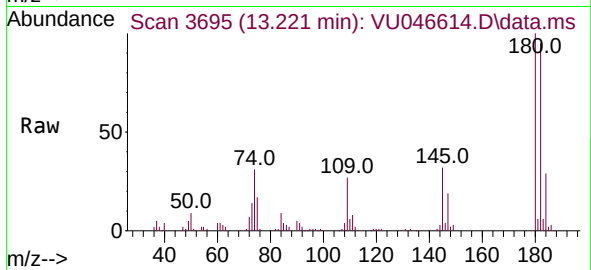




#69
 1,3,5-Trichlorobenzene
 Concen: 5.529 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

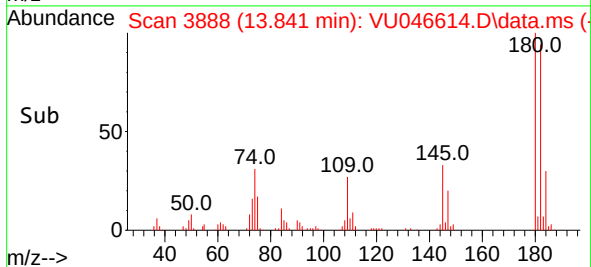
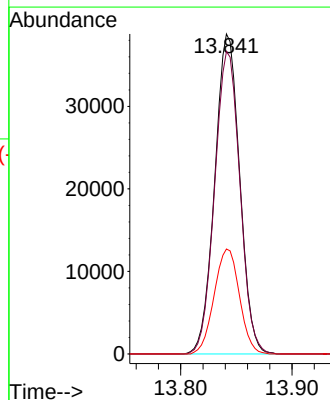
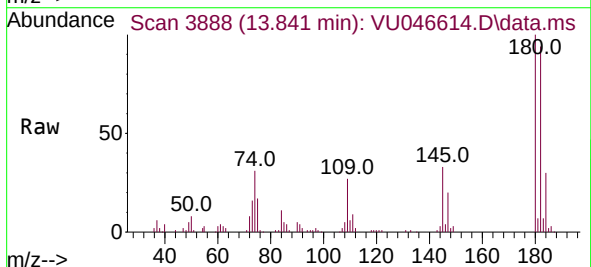
Instrument :
 MSVOA_U
 ClientSampleId :

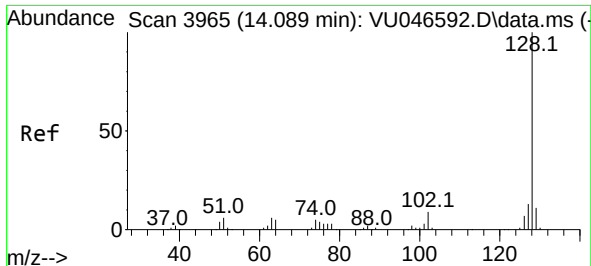
Tgt Ion:180	Resp:	70212
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.1 114.1
184	29.5	25.0 37.4
145	31.4	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.610 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046614.D
 Acq: 28 Dec 2021 09:44

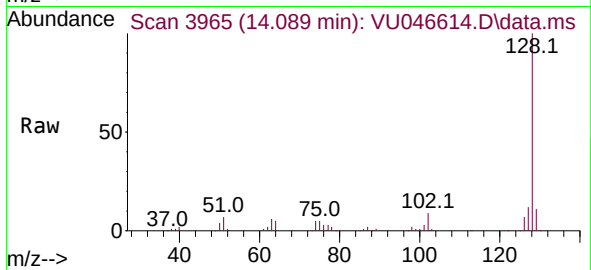
Tgt Ion:180	Resp:	60335
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.4 114.6
145	33.2	25.6 38.4



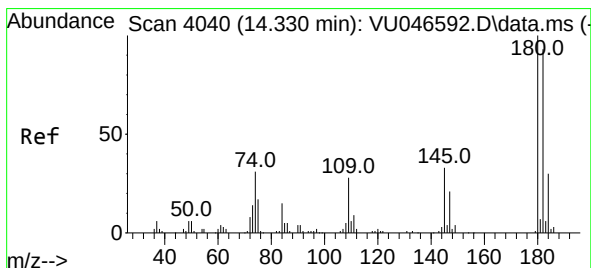
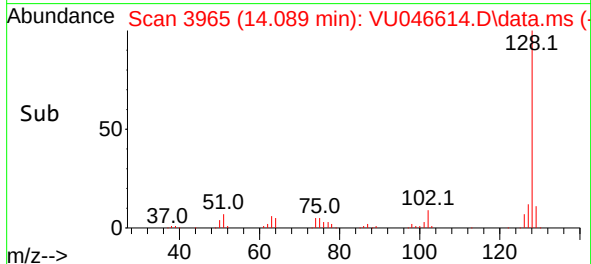
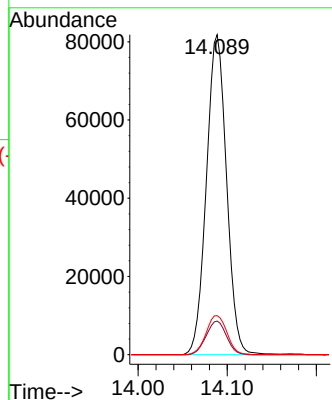


#71
Naphthalene
Concen: 5.379 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 128490
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.610 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046614.D
Acq: 28 Dec 2021 09:44

Tgt Ion:180 Resp: 59735
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 33.6 28.4 42.6

