

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047775.D
 Acq On : 31 Mar 2022 16:15
 Operator : SY/MD
 Sample : MDL01 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

Quant Time: Apr 01 02:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 01 02:44:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	333640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	501569	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	486878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	268228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	203136	56.753	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.500%
35) Dibromofluoromethane	5.292	113	180434	53.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.280%
50) Toluene-d8	7.899	98	638153	52.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.320%
62) 4-Bromofluorobenzene	10.636	95	236327	50.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1625	0.435	ug/l	92
3) Chloromethane	1.523	50	2161	0.519	ug/l	99
4) Vinyl Chloride	1.607	62	2017	0.516	ug/l	97
5) Bromomethane	1.861	94	1638	0.636	ug/l	90
6) Chloroethane	1.938	64	1638	0.640	ug/l #	69
7) Trichlorofluoromethane	2.144	101	2725	0.498	ug/l	94
8) Diethyl Ether	2.382	74	1179	0.563	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	1708	0.522	ug/l	94
10) Methyl Iodide	2.726	142	1431	0.454	ug/l #	92
11) Tert butyl alcohol	3.289	59	67	0.067	ug/l #	37
12) 1,1-Dichloroethene	2.584	96	1940	0.608	ug/l #	79
13) Acrolein	2.504	56	1877	3.715	ug/l	99
14) Allyl chloride	2.925	41	2260	0.498	ug/l	95
15) Acrylonitrile	3.340	53	5616	2.334	ug/l	90
16) Acetone	2.662	43	8254	3.163	ug/l #	87
17) Carbon Disulfide	2.800	76	6621	0.704	ug/l #	95
18) Methyl Acetate	2.970	43	2438	0.499	ug/l #	88
19) Methyl tert-butyl Ether	3.372	73	4676	0.465	ug/l #	76
20) Methylene Chloride	3.051	84	2501	0.645	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	1921	0.552	ug/l	87
22) Diisopropyl ether	3.996	45	4398	0.487	ug/l #	70
23) Vinyl Acetate	3.967	43	18714	2.287	ug/l	97
24) 1,1-Dichloroethane	3.871	63	1541	0.260	ug/l #	82
25) 2-Butanone	4.736	43	7807	2.376	ug/l	96
26) 2,2-Dichloropropane	4.671	77	2789	0.530	ug/l	86
27) cis-1,2-Dichloroethene	4.665	96	1092	0.276	ug/l	8
28) Bromochloromethane	4.977	49	1069	0.504	ug/l #	98
29) Tetrahydrofuran	5.076	42	4263	2.096	ug/l #	86
30) Chloroform	5.089	83	3388	0.530	ug/l	99
31) Cyclohexane	5.382	56	8499	1.592	ug/l #	30
32) 1,1,1-Trichloroethane	5.321	97	2846	0.516	ug/l #	49
36) 1,1-Dichloropropene	5.533	75	2511	0.529	ug/l #	87
37) Ethyl Acetate	4.816	43	2887	0.451	ug/l #	77
38) Carbon Tetrachloride	5.530	117	2876	0.568	ug/l #	95
39) Methylcyclohexane	6.771	83	2879	0.496	ug/l	89
40) Benzene	5.777	78	7630	0.541	ug/l	97

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 MDL01 0.5ppb

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	349	0.121	ug/l #	1
42) 1,2-Dichloroethane	5.800	62	2996	0.610	ug/l	89
43) Isopropyl Acetate	5.922	43	3887	0.484	ug/l #	95
44) Trichloroethene	6.549	130	2135	0.522	ug/l	93
45) 1,2-Dichloropropane	6.790	63	1682	0.473	ug/l	92
46) Dibromomethane	6.925	93	1414	0.504	ug/l	99
47) Bromodichloromethane	7.112	83	2652	0.513	ug/l #	96
48) Methyl methacrylate	6.967	41	1584	0.431	ug/l	95
49) 1,4-Dioxane	7.041	88	214	1.907	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	15443	2.629	ug/l	98
52) Toluene	7.973	92	4898	0.543	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	2772	0.481	ug/l #	30
54) cis-1,3-Dichloropropene	7.613	75	2863	0.484	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	1954	0.506	ug/l #	86
56) Ethyl methacrylate	8.340	69	2842	0.513	ug/l	95
57) 1,3-Dichloropropane	8.578	76	3175	0.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	569	1.439	ug/l #	82
59) 2-Hexanone	8.694	43	13665	2.836	ug/l	96
60) Dibromochloromethane	8.813	129	2064	0.465	ug/l	96
61) 1,2-Dibromoethane	8.928	107	2100	0.479	ug/l	96
64) Tetrachloroethene	8.559	164	1991	0.553	ug/l	87
65) Chlorobenzene	9.449	112	5555	0.535	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.539	131	2015	0.527	ug/l #	60
67) Ethyl Benzene	9.571	91	8556	0.503	ug/l	100
68) m/p-Xylenes	9.694	106	6270	0.938	ug/l	96
69) o-Xylene	10.105	106	2995	0.468	ug/l	95
70) Styrene	10.118	104	4911	0.462	ug/l	97
71) Bromoform	10.295	173	1837	0.470	ug/l #	93
73) Isopropylbenzene	10.488	105	7623	0.486	ug/l	95
74) N-amyl acetate	10.324	43	3241	0.523	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	3596	0.549	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	4396	0.585	ug/l	100
77) Bromobenzene	10.787	156	2623	0.582	ug/l	93
78) n-propylbenzene	10.909	91	10085	0.538	ug/l	100
79) 2-Chlorotoluene	10.989	91	6333	0.562	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	6372	0.482	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.636	75	114959	54.495	ug/l #	15
82) 4-Chlorotoluene	11.099	91	7130	0.545	ug/l	99
83) tert-Butylbenzene	11.423	119	7006	0.515	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	6375	0.485	ug/l	98
85) sec-Butylbenzene	11.645	105	8081	0.487	ug/l	98
86) p-Isopropyltoluene	11.796	119	6616	0.465	ug/l	83
87) 1,3-Dichlorobenzene	11.748	146	5540	0.617	ug/l	94
88) 1,4-Dichlorobenzene	11.748	146	5540	0.603	ug/l	95
89) n-Butylbenzene	12.211	91	7672	0.577	ug/l	99
90) Hexachloroethane	12.478	117	1424	0.495	ug/l	94
91) 1,2-Dichlorobenzene	12.218	146	4966	0.569	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	13.002	75	963	0.590	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	4943	0.799	ug/l	97
94) Hexachlorobutadiene	14.025	225	2252	0.722	ug/l	95
95) Naphthalene	14.092	128	15920	0.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	4613	0.765	ug/l	99

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MSVOA_U
ClientSampleId :
MDL01 0.5ppb

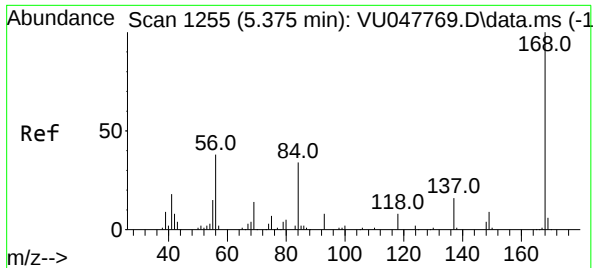
Quant Time: Apr 01 02:44:16 2022
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Quant Title : SW846 8260
QLast Update : Fri Apr 01 02:44:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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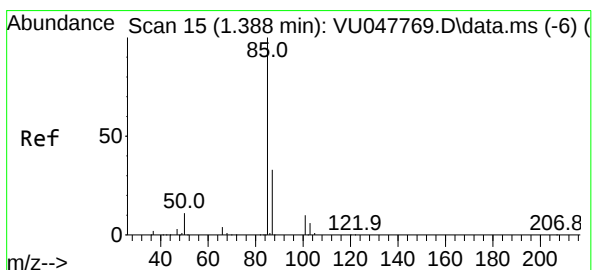
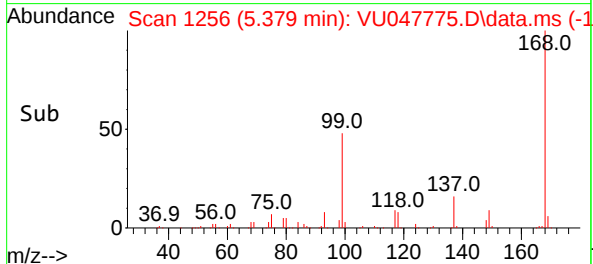
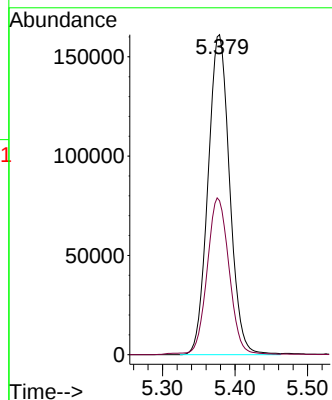
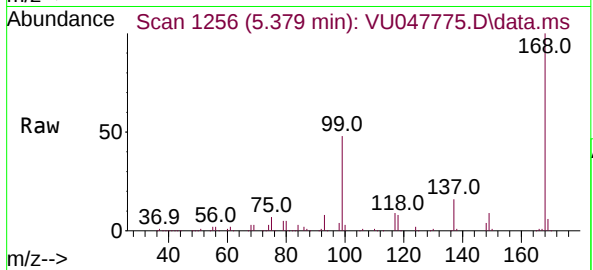




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

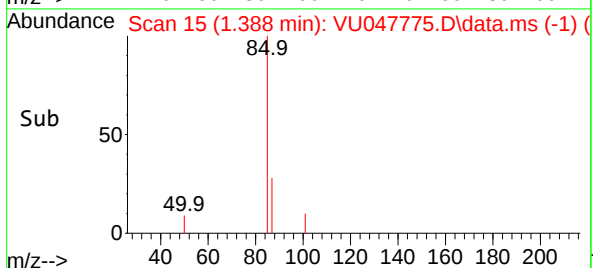
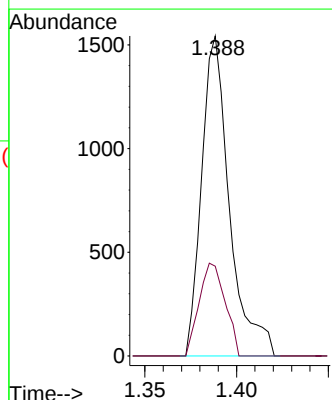
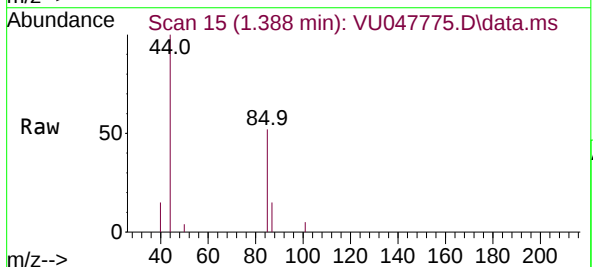
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

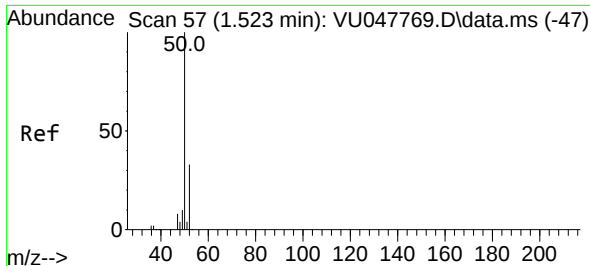
Tgt Ion:168 Resp: 333640
Ion Ratio Lower Upper
168 100
99 47.9 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.435 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 85 Resp: 1625
Ion Ratio Lower Upper
85 100
87 28.1 16.4 49.2

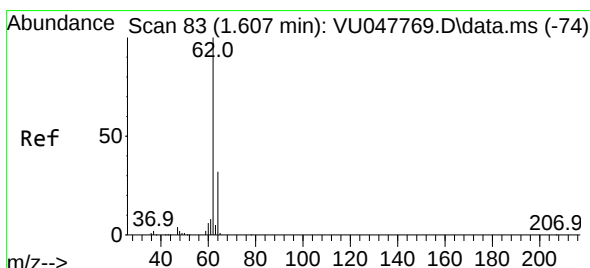
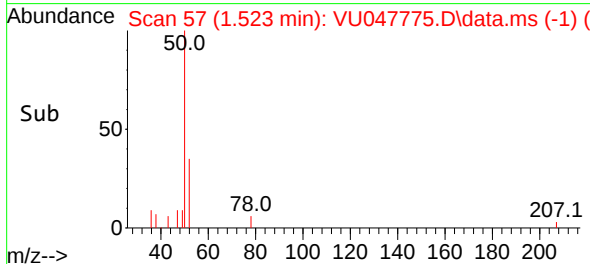
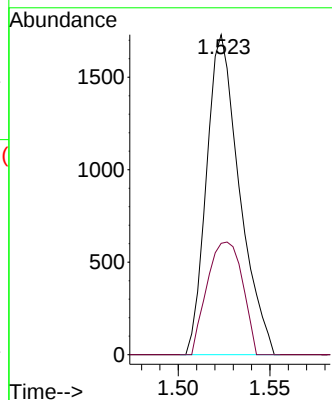
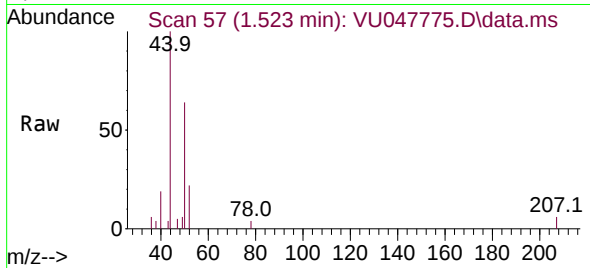




#3
Chloromethane
Concen: 0.519 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

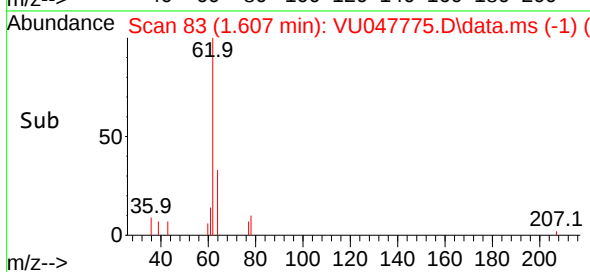
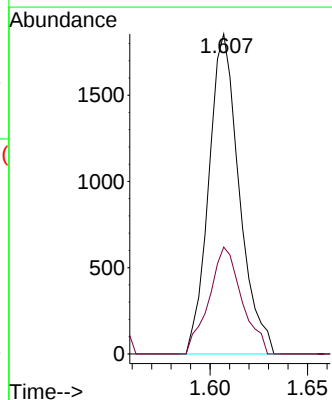
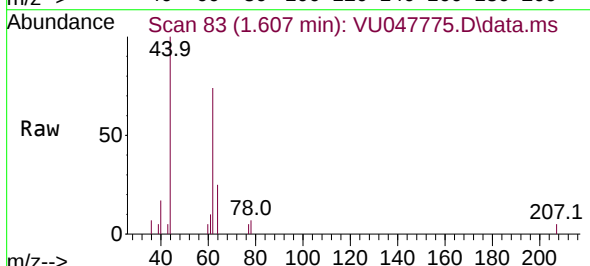
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

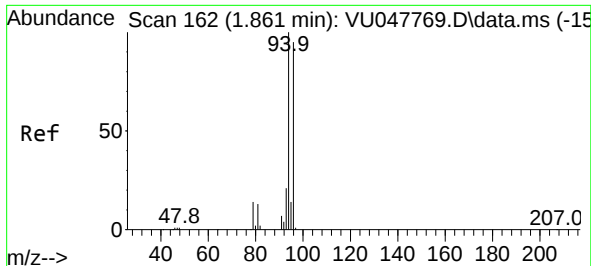
Tgt Ion: 50 Resp: 2161
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.2



#4
Vinyl Chloride
Concen: 0.516 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 62 Resp: 2017
Ion Ratio Lower Upper
62 100
64 33.4 25.3 37.9

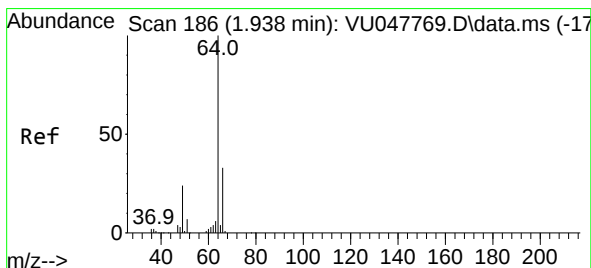
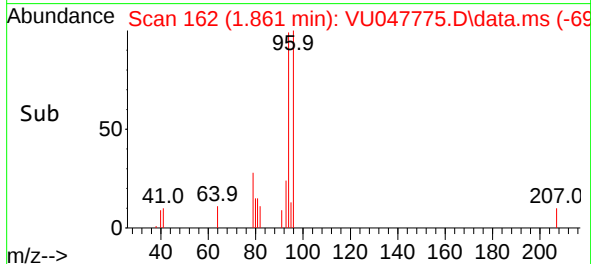
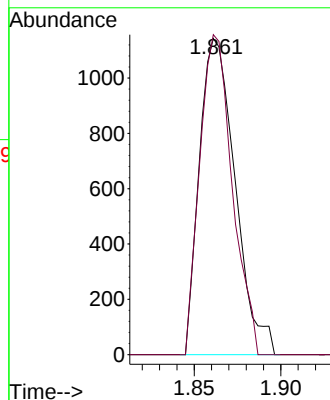
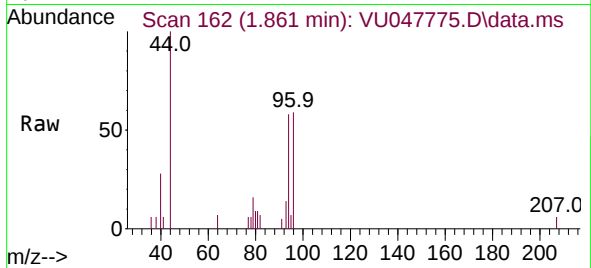




#5
Bromomethane
Concen: 0.636 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

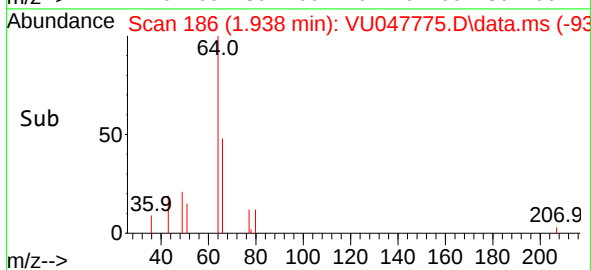
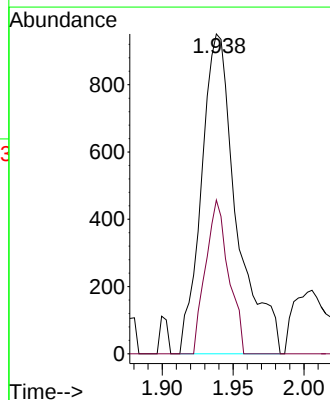
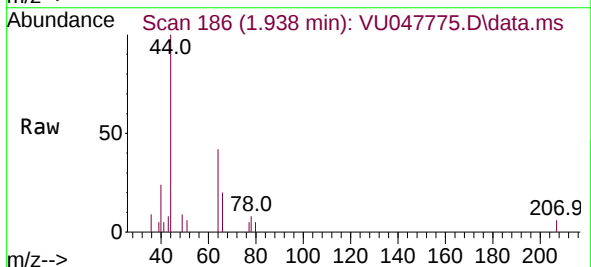
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

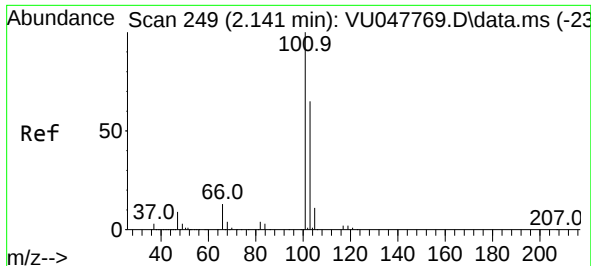
Tgt Ion: 94 Resp: 1638
Ion Ratio Lower Upper
94 100
96 101.2 73.7 110.5



#6
Chloroethane
Concen: 0.640 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 64 Resp: 1638
Ion Ratio Lower Upper
64 100
66 48.1 24.7 37.1#

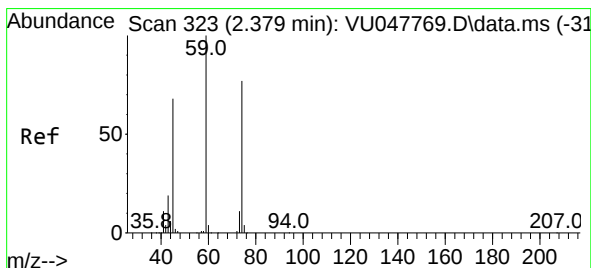
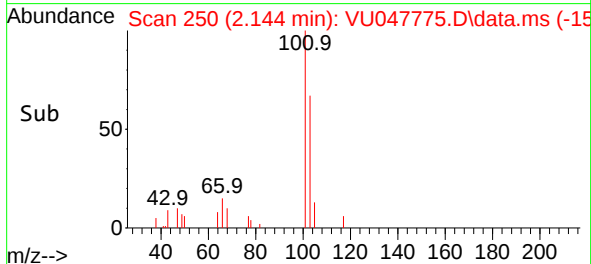
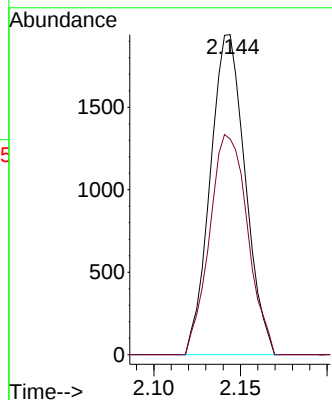
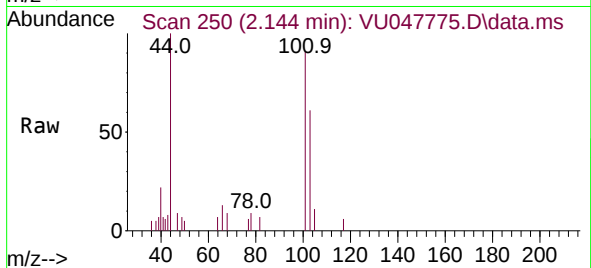




#7
 Trichlorofluoromethane
 Concen: 0.498 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

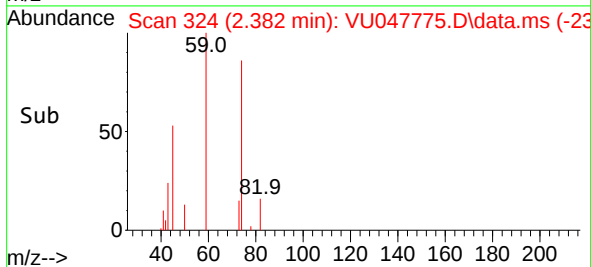
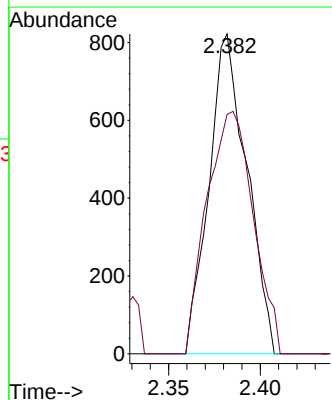
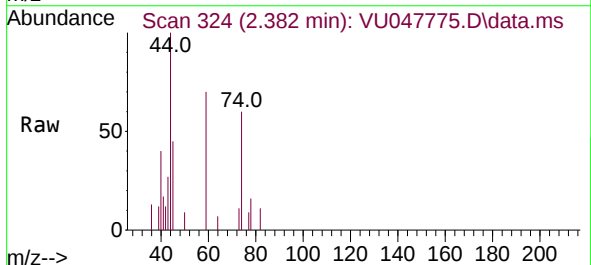
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

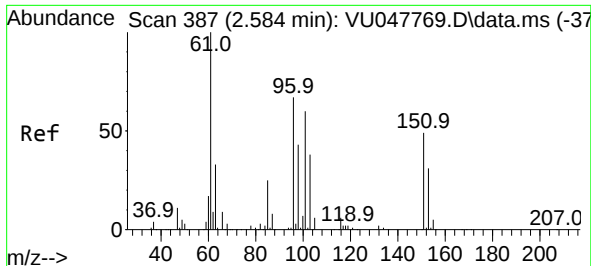
Tgt Ion:101 Resp: 2725
 Ion Ratio Lower Upper
 101 100
 103 67.5 50.6 75.8



#8
 Diethyl Ether
 Concen: 0.563 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

Tgt Ion: 74 Resp: 1179
 Ion Ratio Lower Upper
 74 100
 45 93.2 44.4 133.2

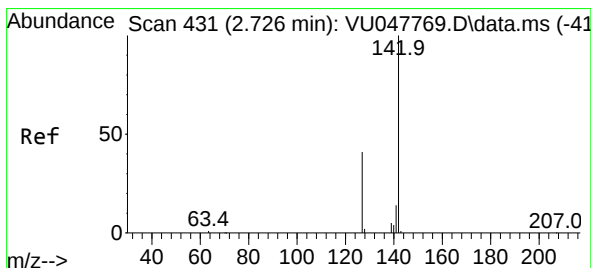
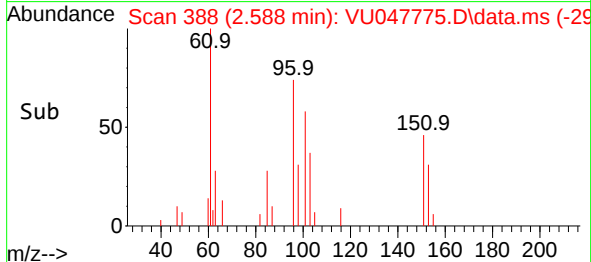
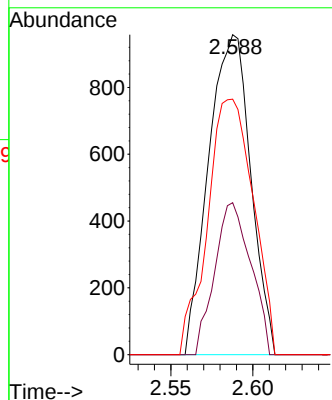
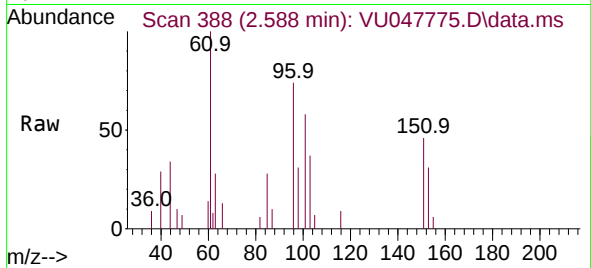




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.522 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

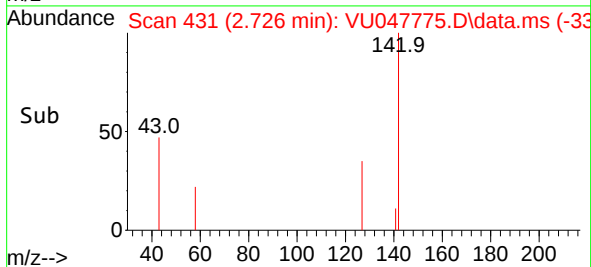
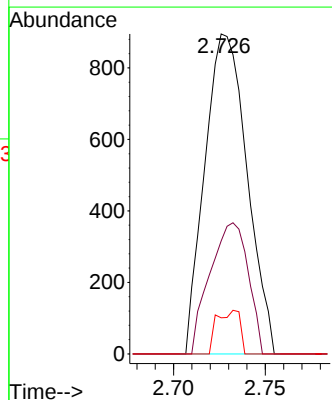
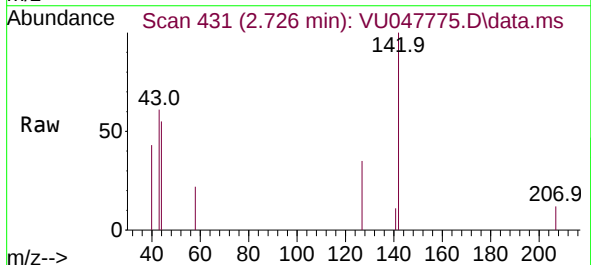
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

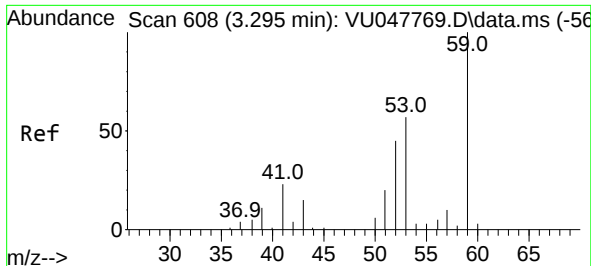
Tgt Ion:101 Resp: 1708
Ion Ratio Lower Upper
101 100
85 40.6 33.9 50.9
151 86.7 64.0 96.0



#10
Methyl Iodide
Concen: 0.454 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:142 Resp: 1431
Ion Ratio Lower Upper
142 100
127 37.2 32.5 48.7
141 7.5 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.067 ug/l

RT: 3.289 min Scan# 608

Delta R.T. -0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

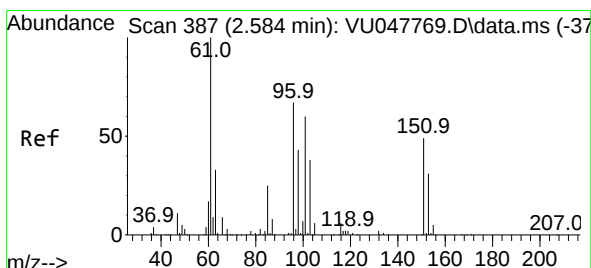
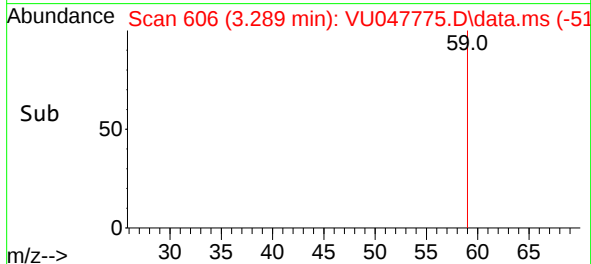
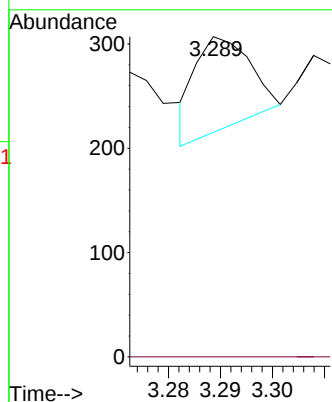
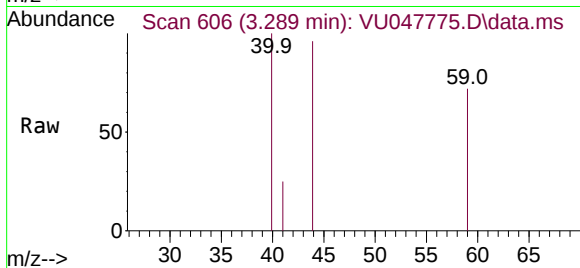
MDL01 0.5ppb

Tgt Ion: 59 Resp: 67

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 0.608 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

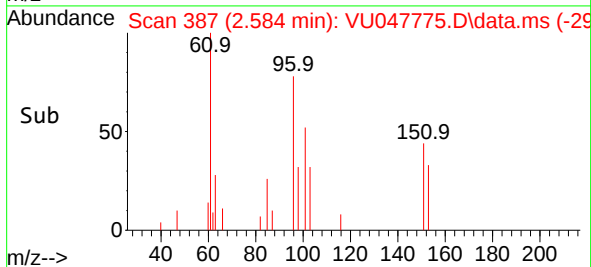
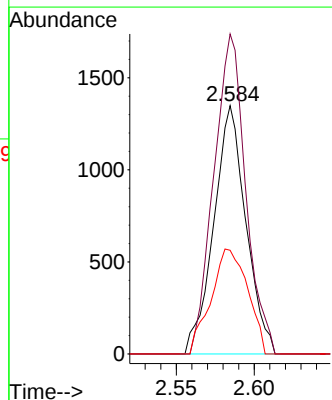
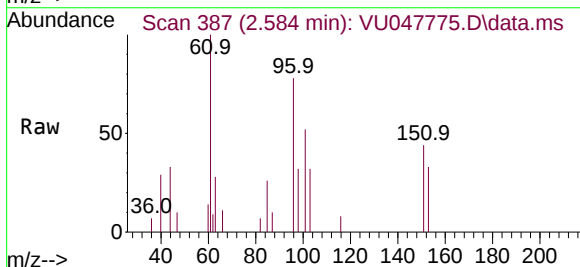
Tgt Ion: 96 Resp: 1940

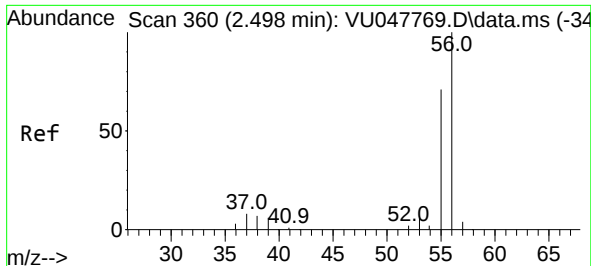
Ion Ratio Lower Upper

96 100

61 128.8 122.2 183.2

98 41.7 50.7 76.1#

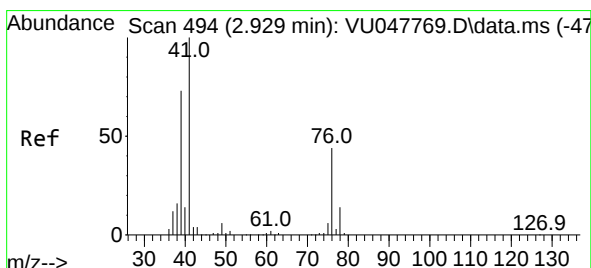
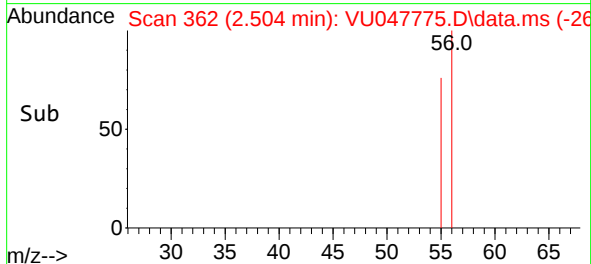
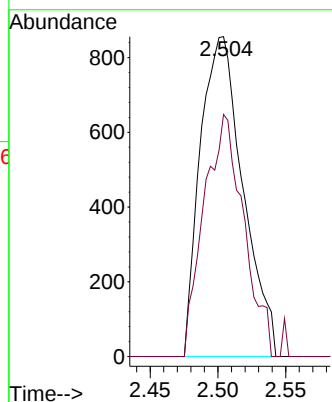
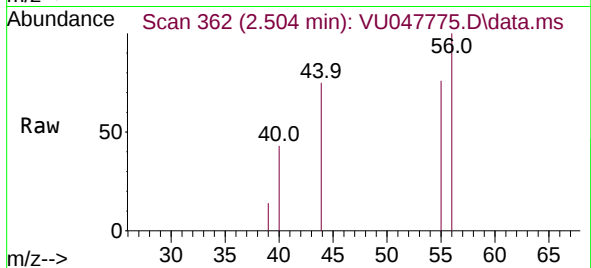




#13
Acrolein
Concen: 3.715 ug/l
RT: 2.504 min Scan# 362
Delta R.T. 0.006 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

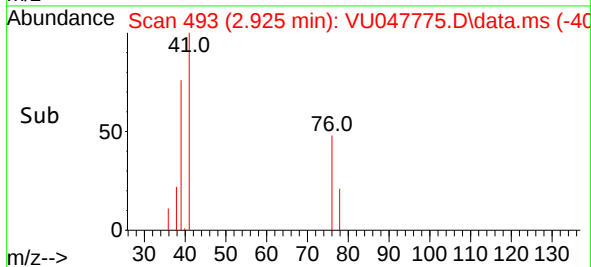
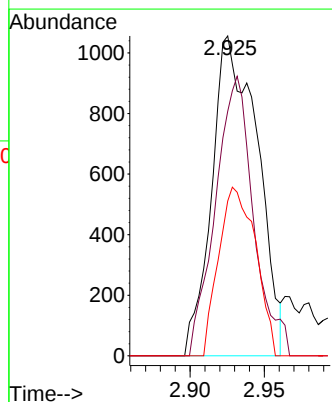
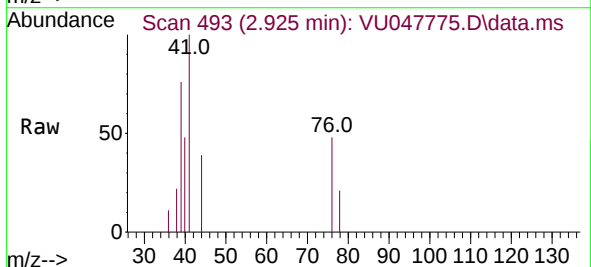
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

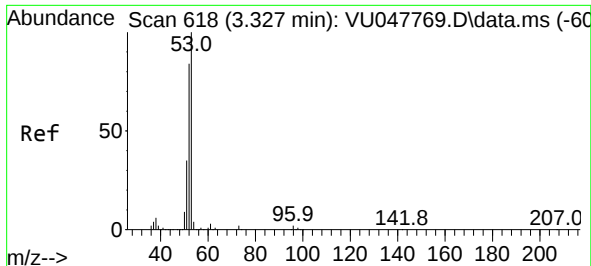
Tgt Ion: 56 Resp: 1877
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 0.498 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 41 Resp: 2260
Ion Ratio Lower Upper
41 100
39 72.9 53.4 80.2
76 42.7 33.8 50.6

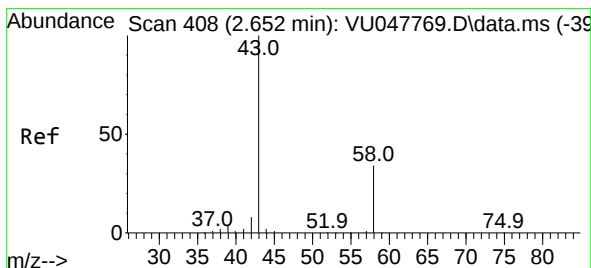
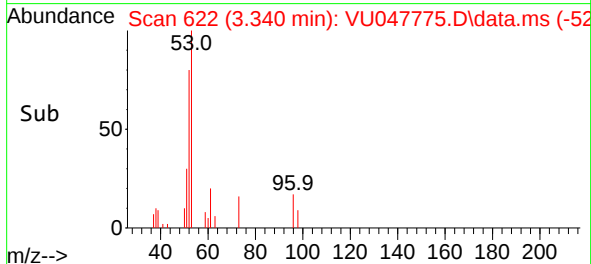
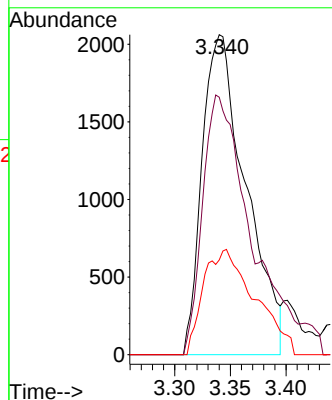
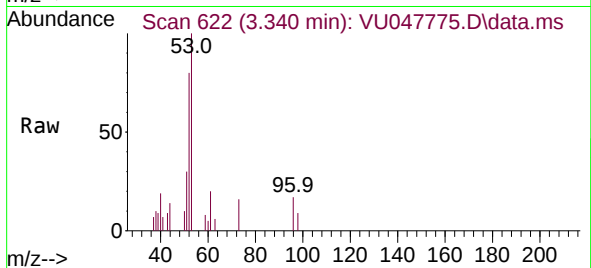




#15
Acrylonitrile
Concen: 2.334 ug/l
RT: 3.340 min Scan# 618
Delta R.T. 0.013 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

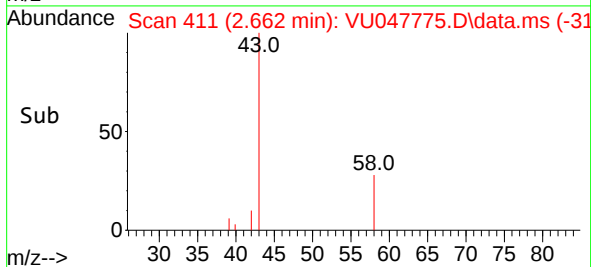
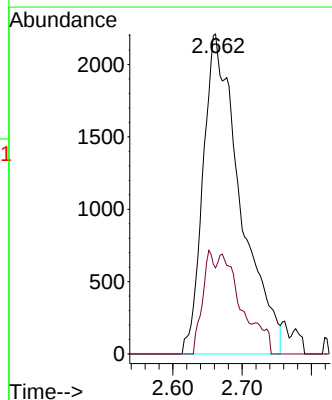
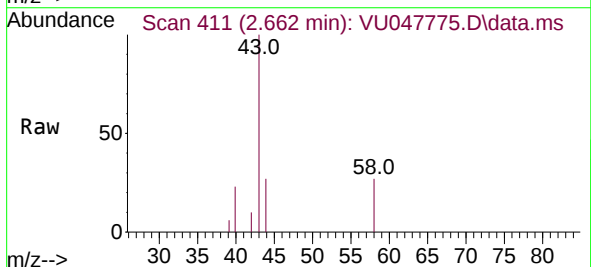
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

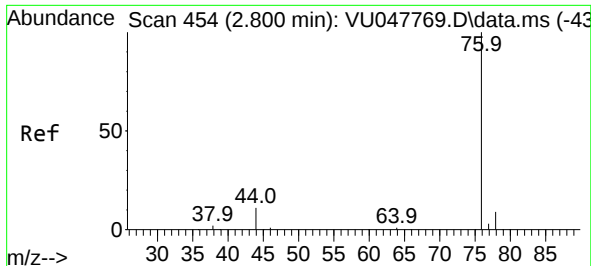
Tgt Ion: 53	Resp: 5616
Ion Ratio	Lower Upper
53 100	
52 92.3	65.7 98.5
51 38.8	28.2 42.4



#16
Acetone
Concen: 3.163 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 43	Resp: 8254
Ion Ratio	Lower Upper
43 100	
58 26.9	27.5 41.3#

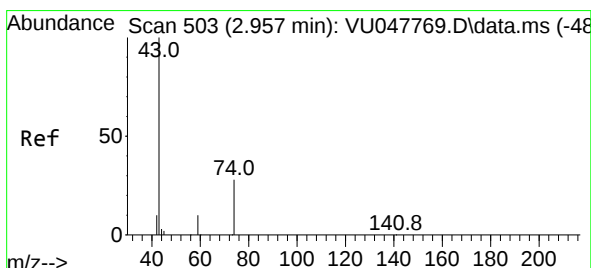
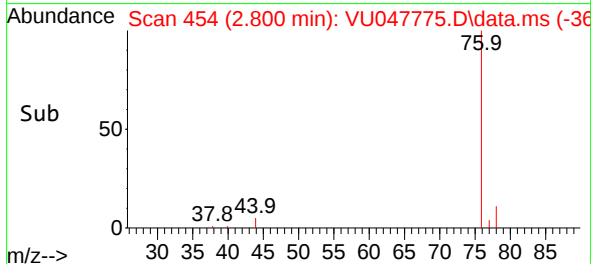
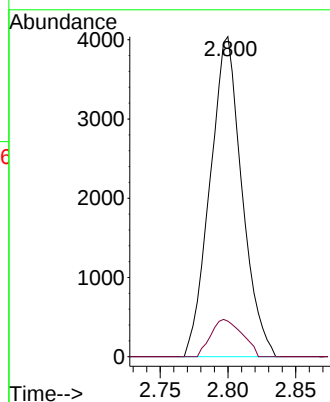
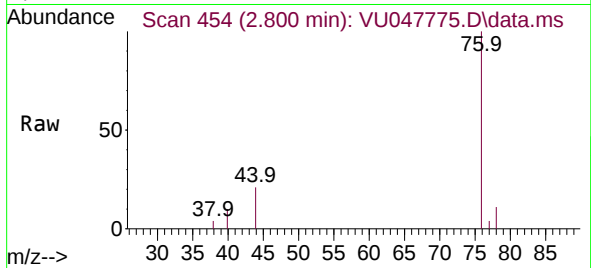




#17
Carbon Disulfide
Concen: 0.704 ug/l
RT: 2.800 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

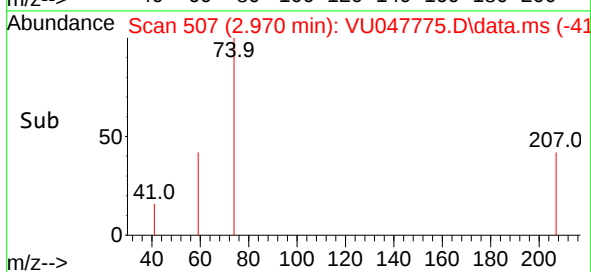
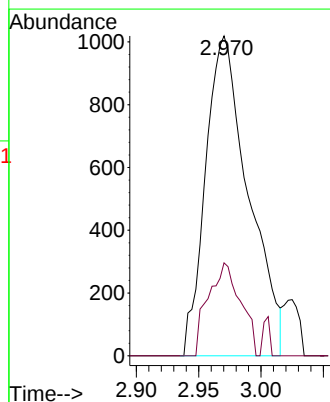
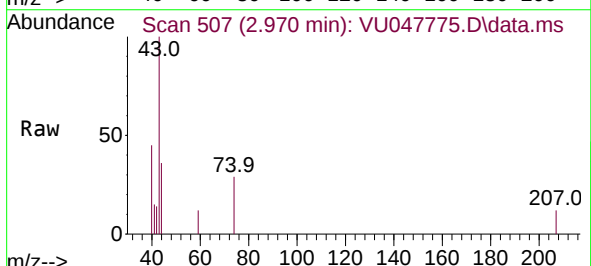
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

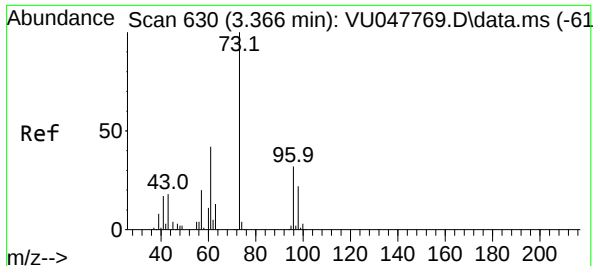
Tgt Ion: 76 Resp: 6621
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.970 min Scan# 507
Delta R.T. 0.013 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
74 21.9 22.5 33.7#





#19

Methyl tert-butyl Ether

Concen: 0.465 ug/l

RT: 3.372 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

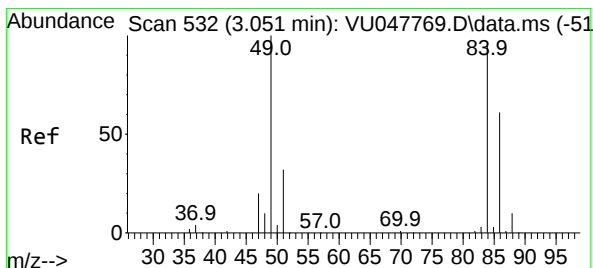
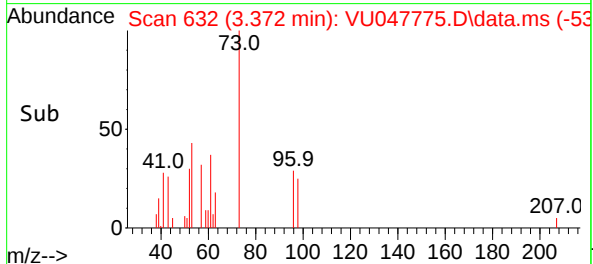
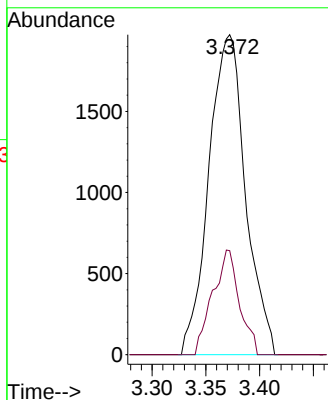
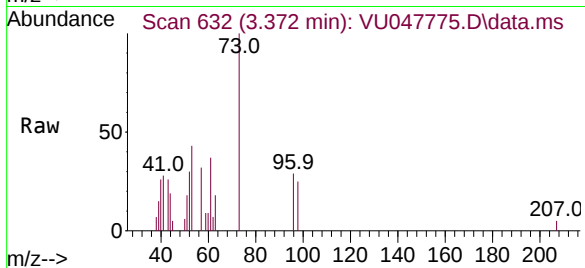
MDL01 0.5ppb

Tgt Ion: 73 Resp: 4676

Ion Ratio Lower Upper

73 100

57 32.5 17.1 25.7#



#20

Methylene Chloride

Concen: 0.645 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Tgt Ion: 84 Resp: 2501

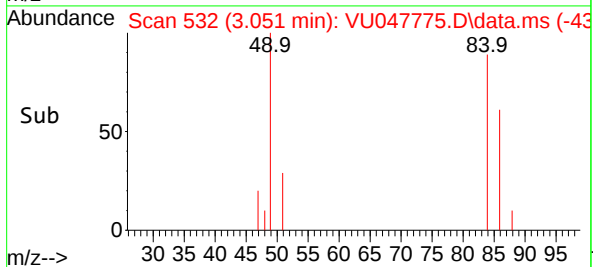
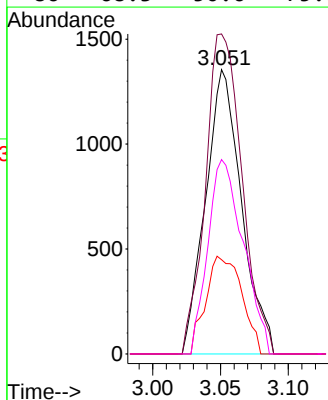
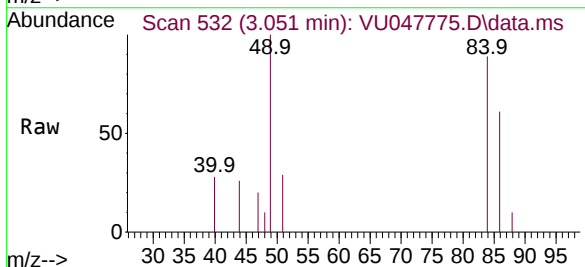
Ion Ratio Lower Upper

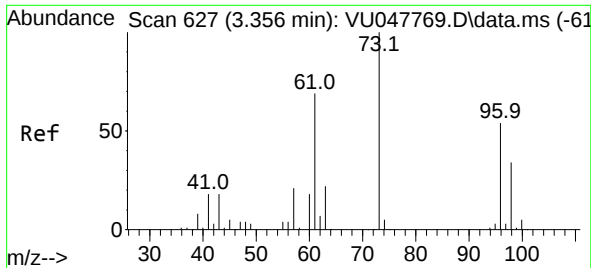
84 100

49 112.5 86.6 129.8

51 33.1 26.6 40.0

86 68.3 50.6 75.8

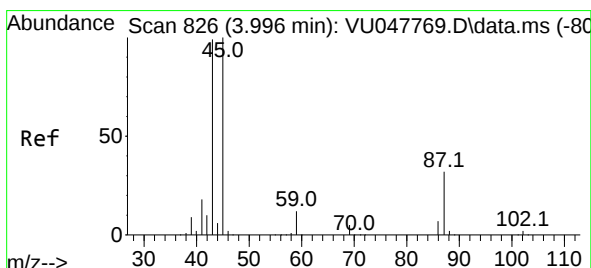
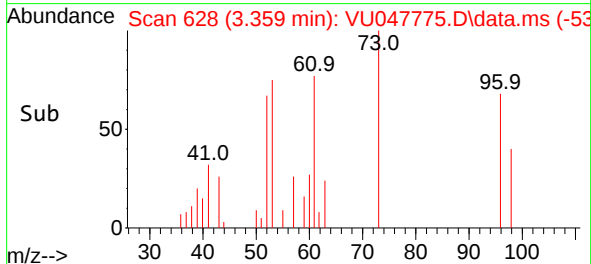
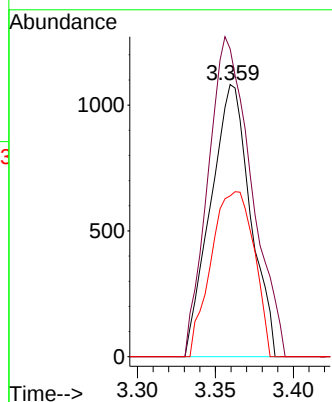
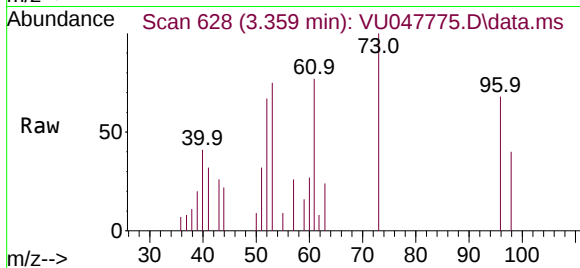




#21
trans-1,2-Dichloroethene
Concen: 0.552 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

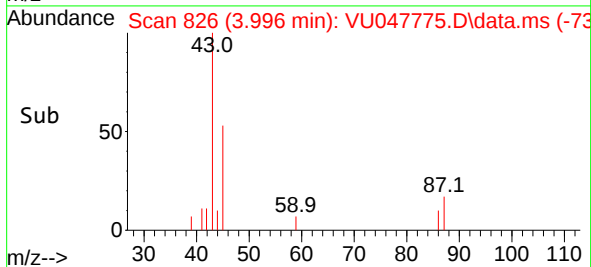
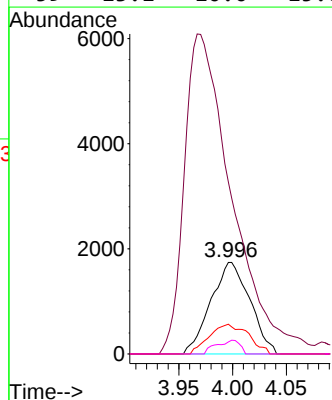
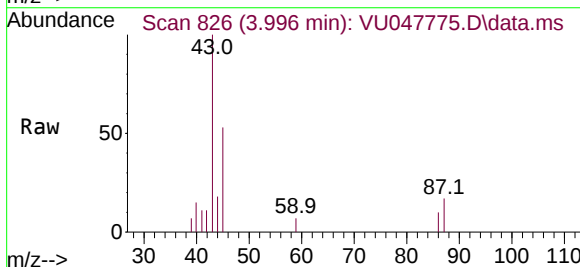
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

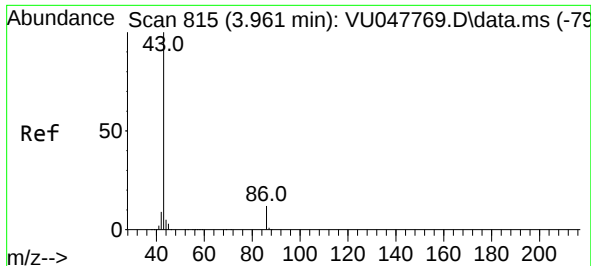
Tgt Ion: 96 Resp: 1921
Ion Ratio Lower Upper
96 100
61 113.1 106.1 159.1
98 59.1 50.8 76.2



#22
Diisopropyl ether
Concen: 0.487 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 45 Resp: 4398
Ion Ratio Lower Upper
45 100
43 161.9 92.9 139.3#
87 32.5 26.2 39.2
59 13.1 10.0 15.0

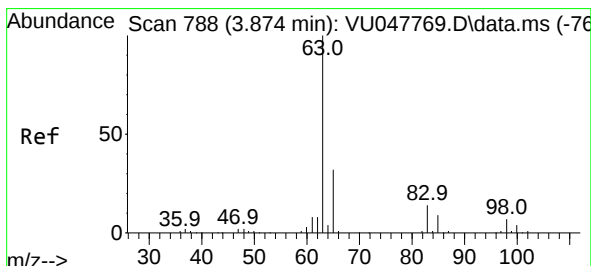
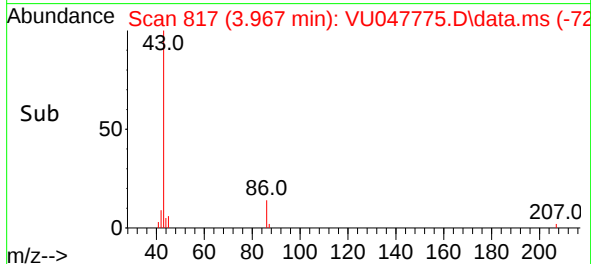
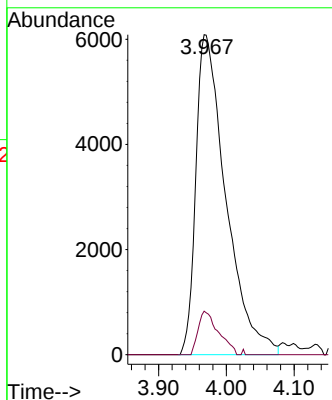
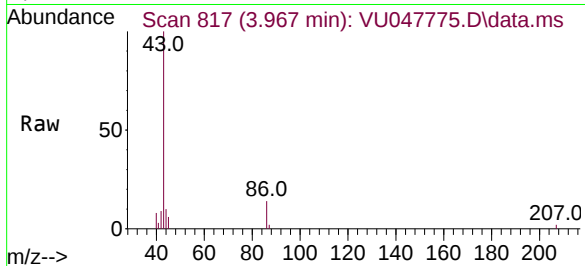




#23
 Vinyl Acetate
 Concen: 2.287 ug/l
 RT: 3.967 min Scan# 815
 Delta R.T. 0.006 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

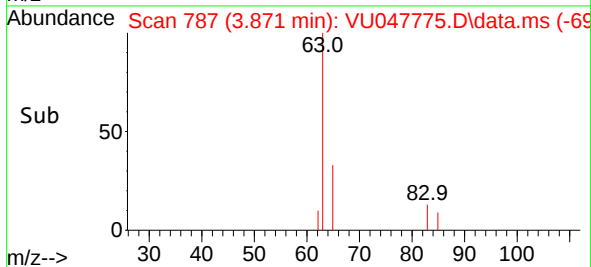
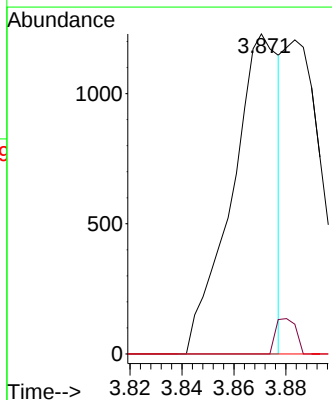
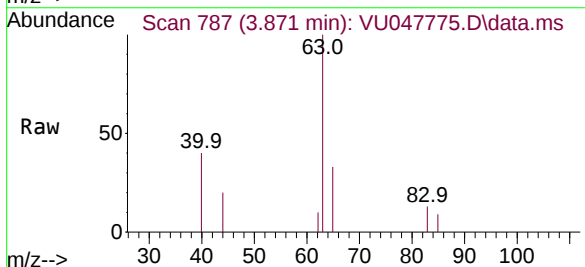
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

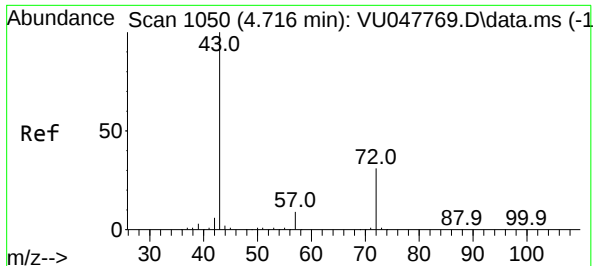
Tgt Ion: 43 Resp: 18714
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 0.260 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

Tgt Ion: 63 Resp: 1541
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 2.376 ug/l

RT: 4.736 min Scan# 1056

Delta R.T. 0.019 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

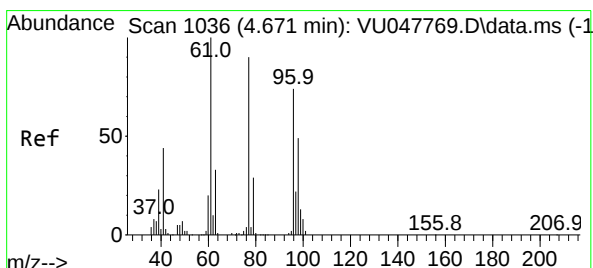
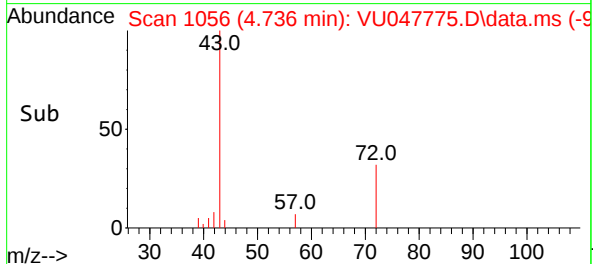
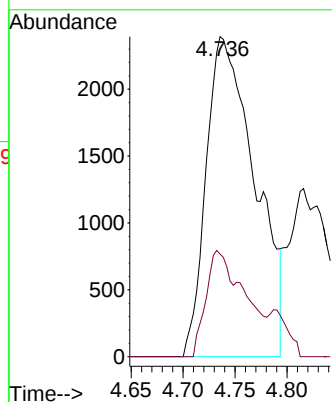
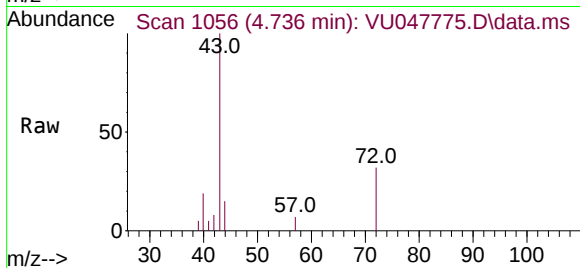
MDL01 0.5ppb

Tgt Ion: 43 Resp: 7807

Ion Ratio Lower Upper

43 100

72 32.1 23.8 35.6



#26

2,2-Dichloropropane

Concen: 0.530 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047775.D

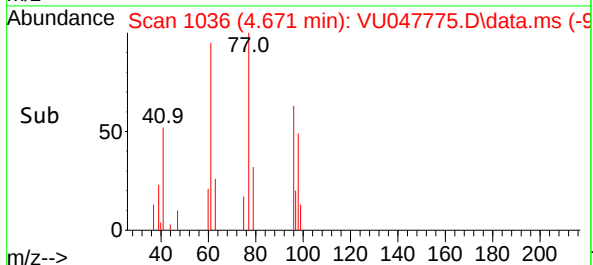
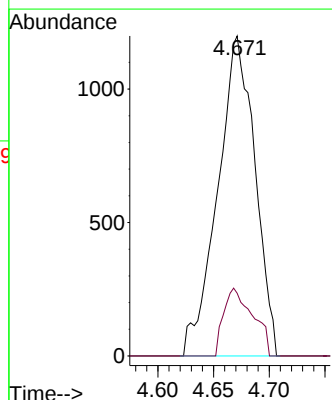
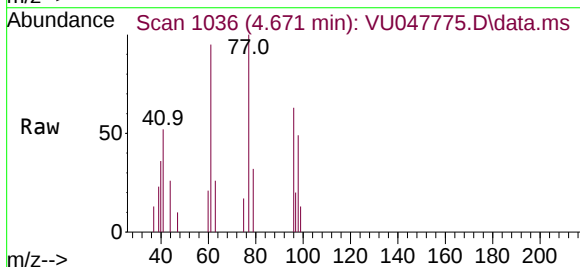
Acq: 31 Mar 2022 16:15

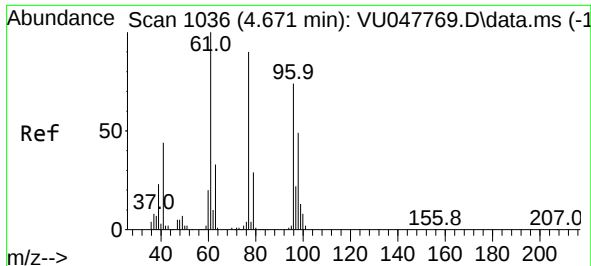
Tgt Ion: 77 Resp: 2789

Ion Ratio Lower Upper

77 100

97 16.6 11.6 34.8

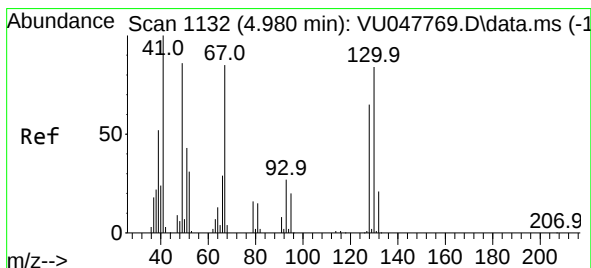
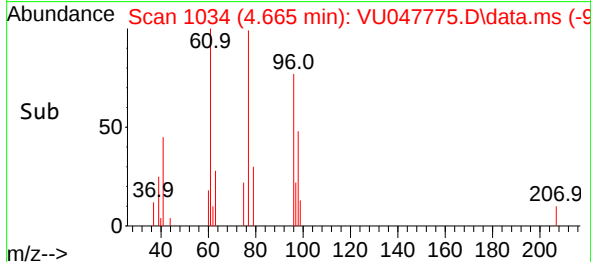
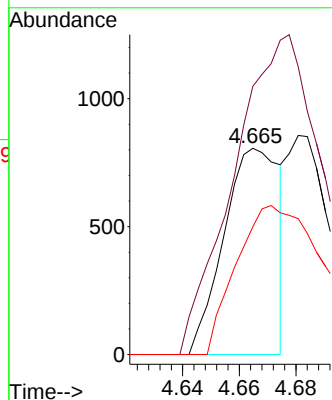
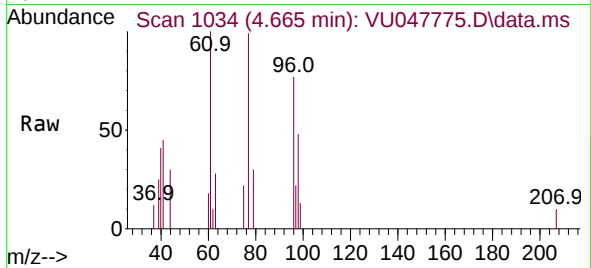




#27
 cis-1,2-Dichloroethene
 Concen: 0.276 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

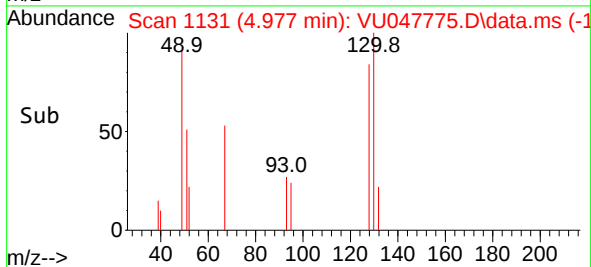
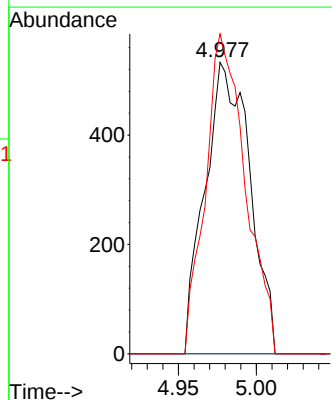
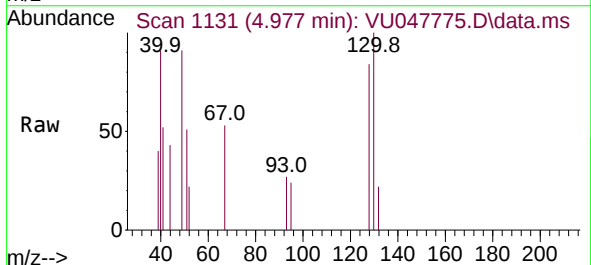
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

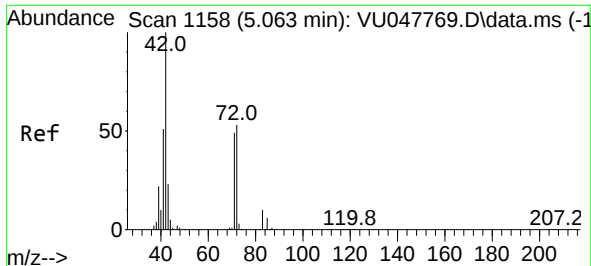
Tgt Ion: 96 Resp: 1092
 Ion Ratio Lower Upper
 96 100
 61 258.0 0.0 271.6
 98 118.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 0.504 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

Tgt Ion: 49 Resp: 1069
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 97.6 76.9 115.3

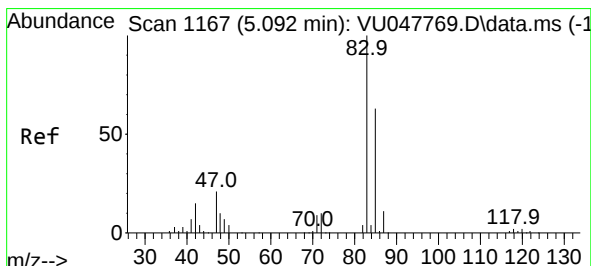
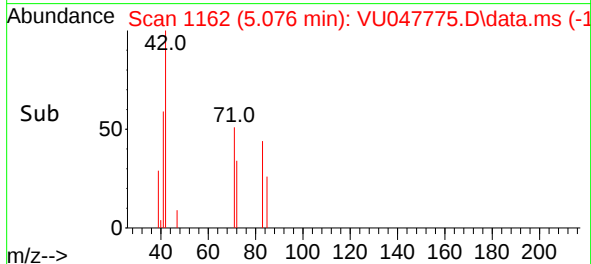
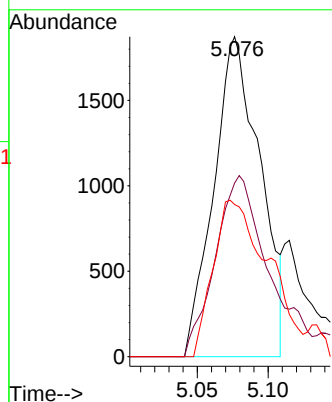
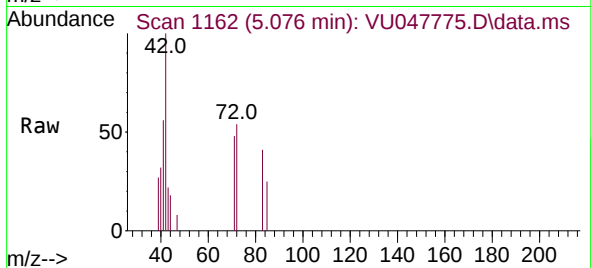




#29
Tetrahydrofuran
Concen: 2.096 ug/l
RT: 5.076 min Scan# 1158
Delta R.T. 0.013 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

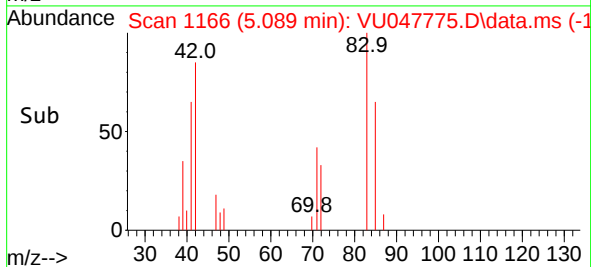
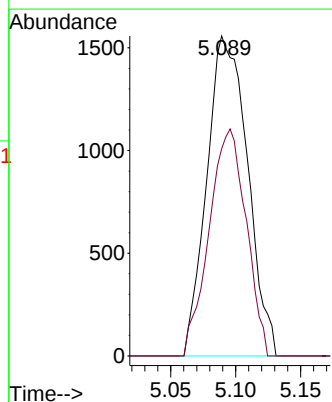
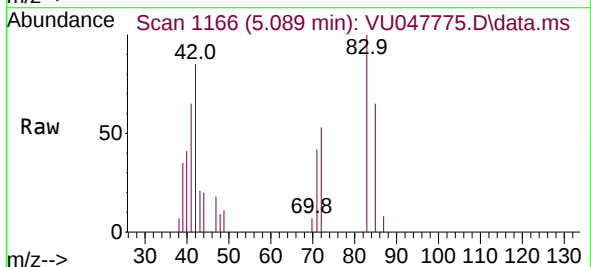
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

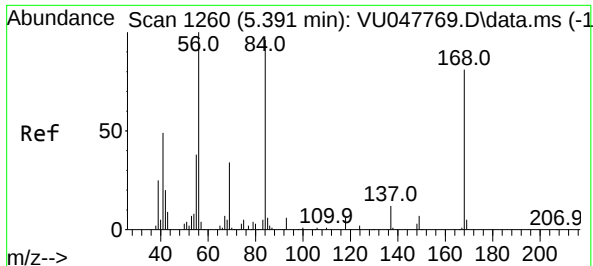
Tgt Ion: 42 Resp: 4263
Ion Ratio Lower Upper
42 100
72 64.6 42.6 63.8#
71 58.2 40.3 60.5



#30
Chloroform
Concen: 0.530 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 83 Resp: 3388
Ion Ratio Lower Upper
83 100
85 64.8 51.2 76.8

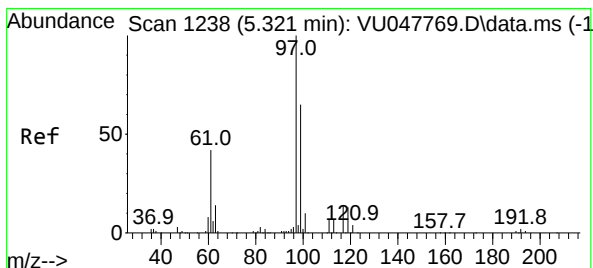
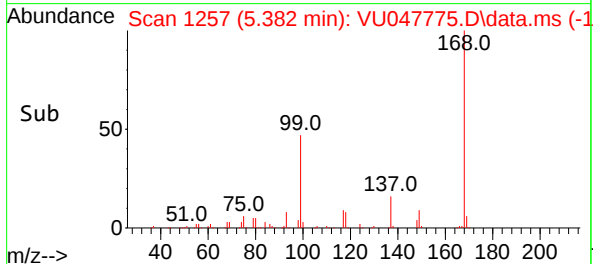
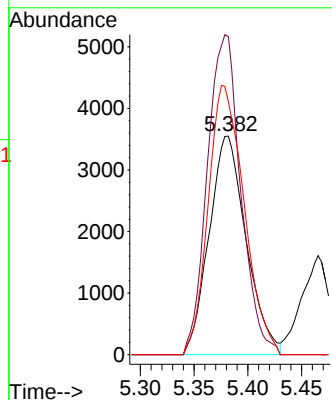
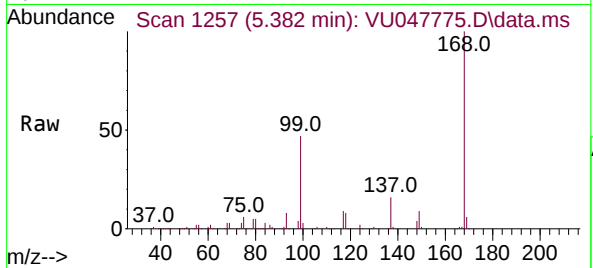




#31
Cyclohexane
Concen: 1.592 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

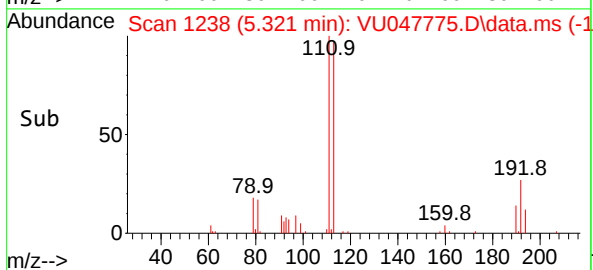
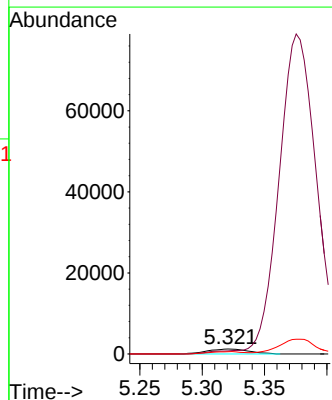
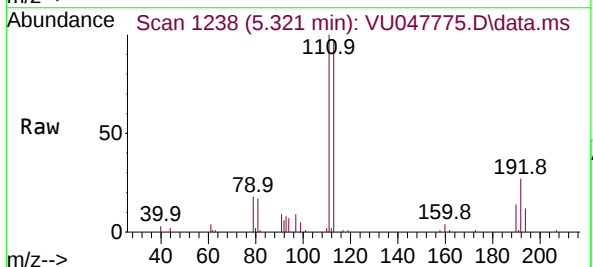
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

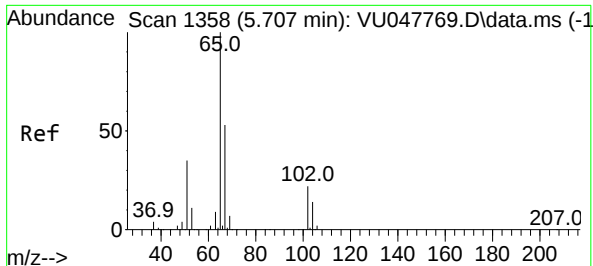
Tgt Ion: 56 Resp: 8499
Ion Ratio Lower Upper
56 100
69 145.5 27.8 41.8#
84 115.7 74.2 111.4#



#32
1,1,1-Trichloroethane
Concen: 0.516 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 97 Resp: 2846
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 40.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.753 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

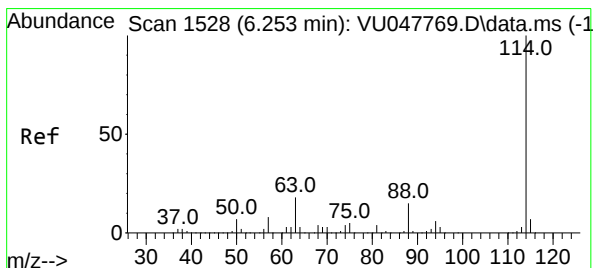
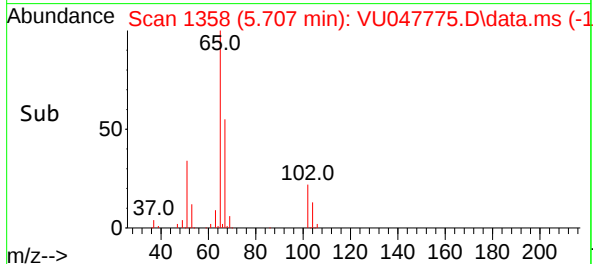
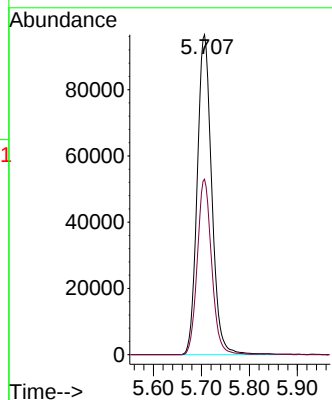
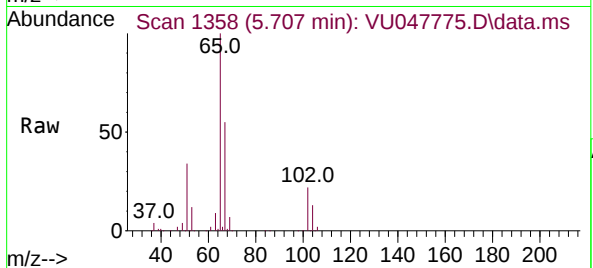
MDL01 0.5ppb

Tgt Ion: 65 Resp: 203136

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

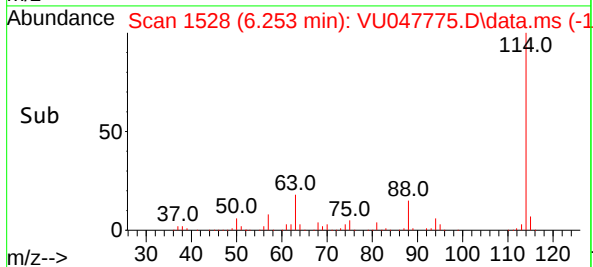
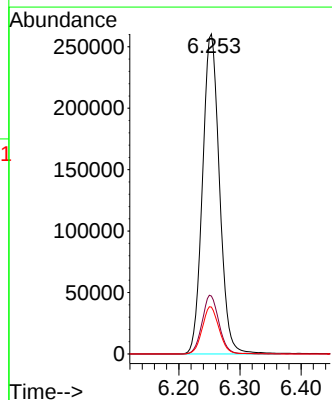
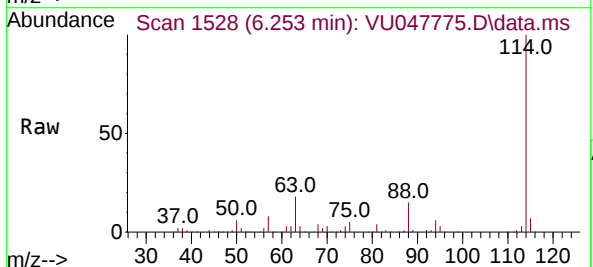
Tgt Ion: 114 Resp: 501569

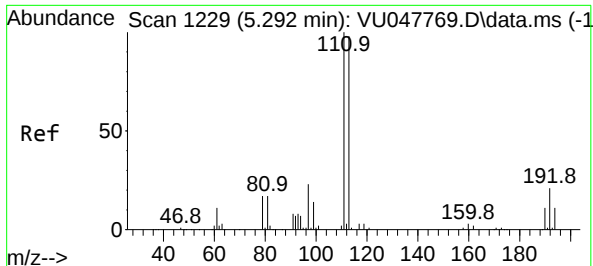
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.642 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

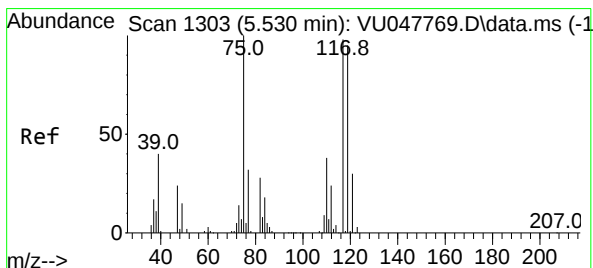
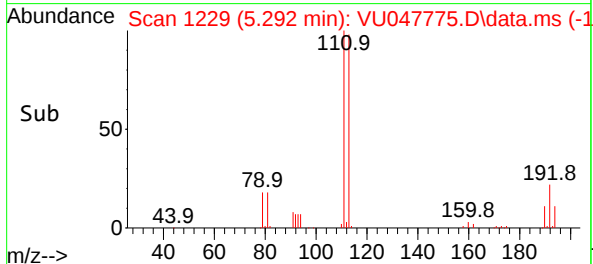
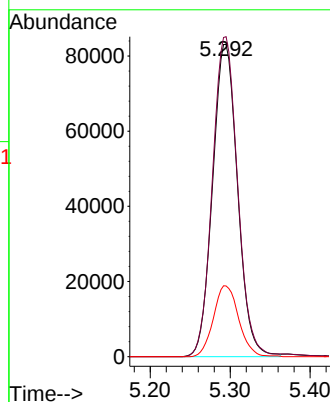
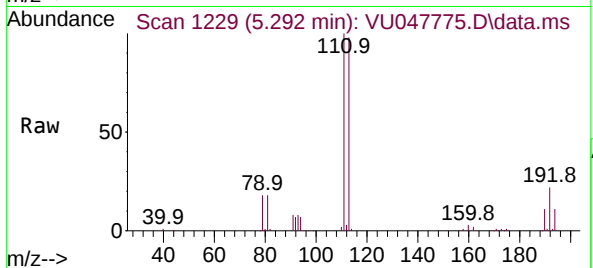
Tgt Ion:113 Resp: 180434

Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

192 23.0 18.0 27.0



#36

1,1-Dichloropropene

Concen: 0.529 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

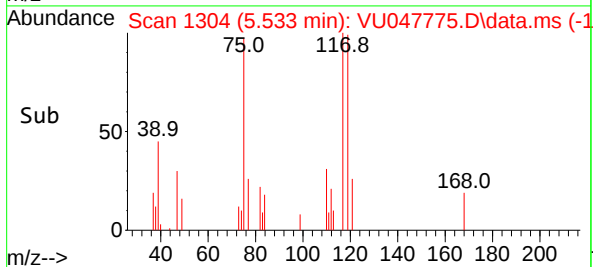
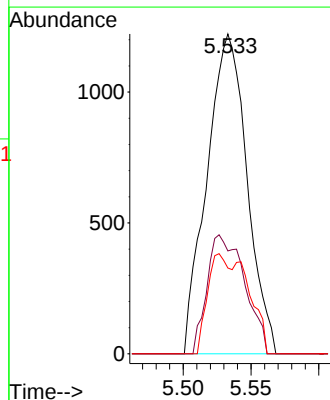
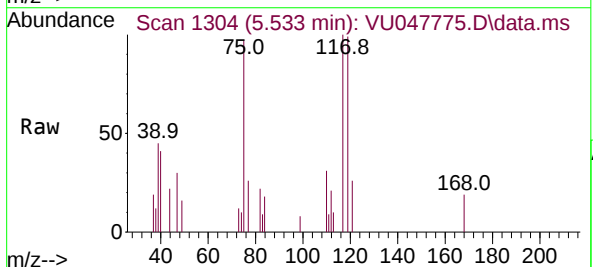
Tgt Ion: 75 Resp: 2511

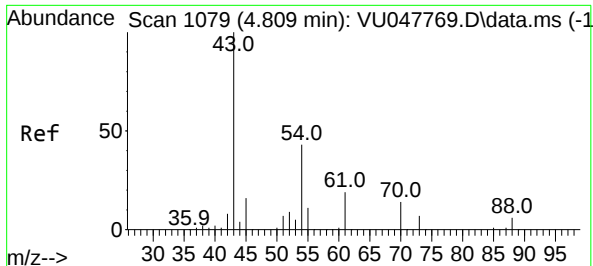
Ion Ratio Lower Upper

75 100

110 34.9 18.4 55.2

77 18.3 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.451 ug/l

RT: 4.816 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

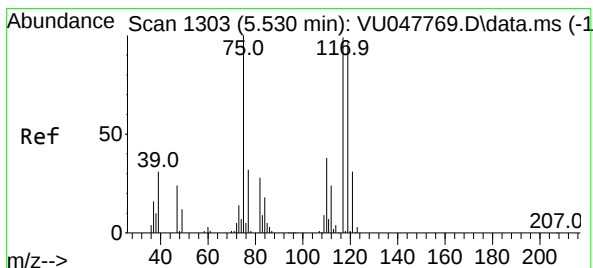
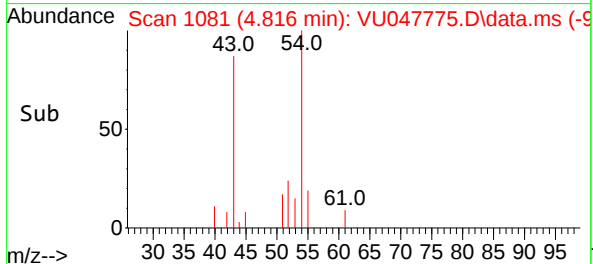
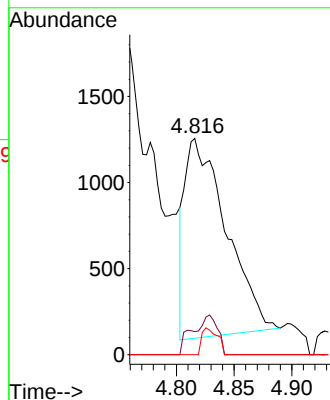
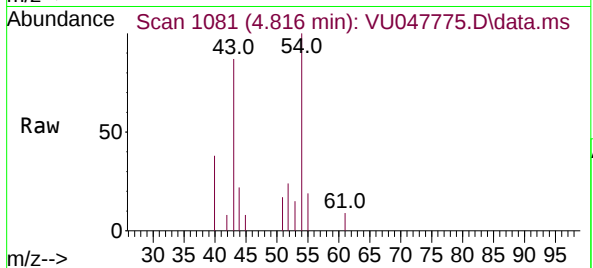
Tgt Ion: 43 Resp: 2887

Ion Ratio Lower Upper

43 100

61 3.6 9.5 14.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 0.568 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

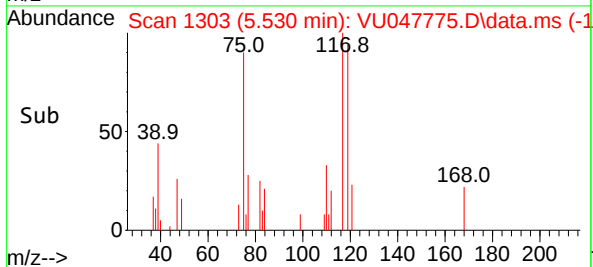
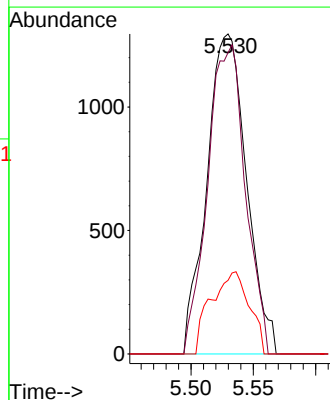
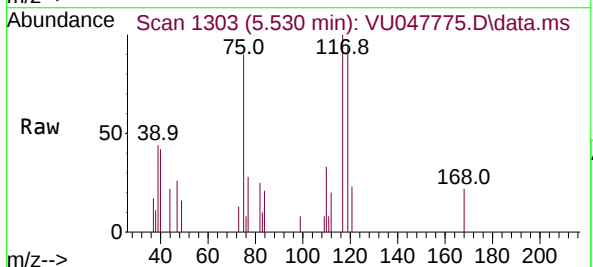
Tgt Ion: 117 Resp: 2876

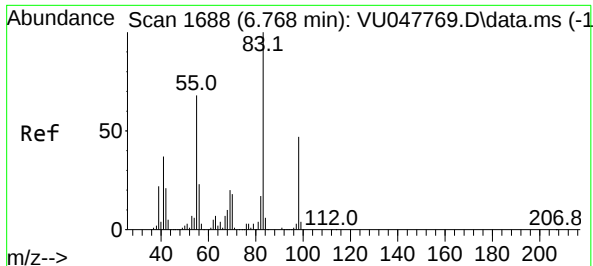
Ion Ratio Lower Upper

117 100

119 94.1 76.8 115.2

121 23.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.496 ug/l

RT: 6.771 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

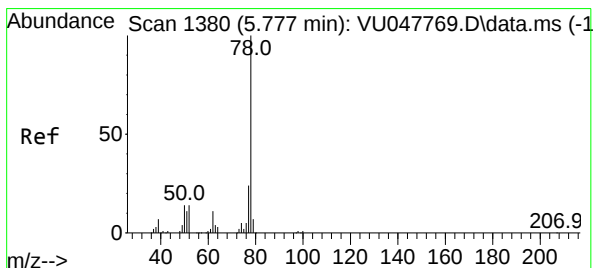
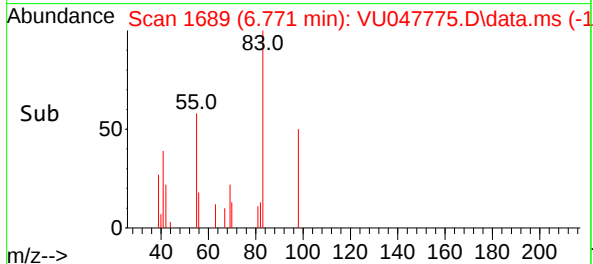
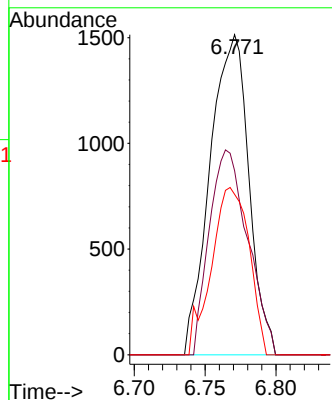
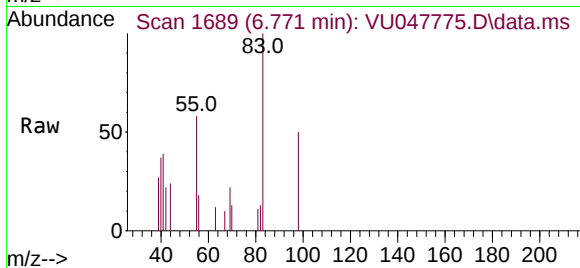
Tgt Ion: 83 Resp: 2879

Ion Ratio Lower Upper

83 100

55 57.5 55.3 82.9

98 50.1 37.3 55.9



#40

Benzene

Concen: 0.541 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047775.D

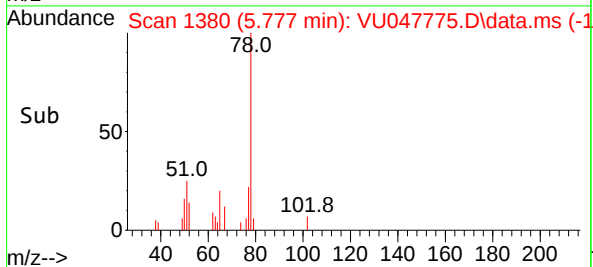
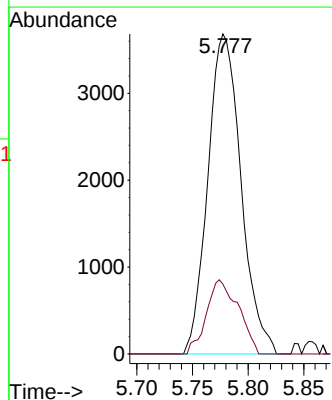
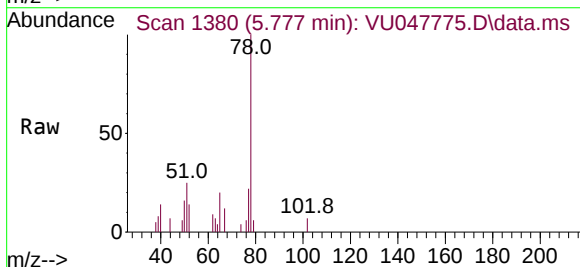
Acq: 31 Mar 2022 16:15

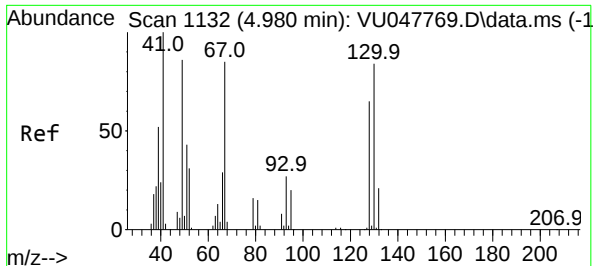
Tgt Ion: 78 Resp: 7630

Ion Ratio Lower Upper

78 100

77 21.8 18.8 28.2

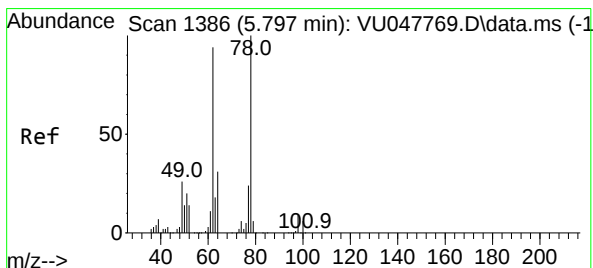
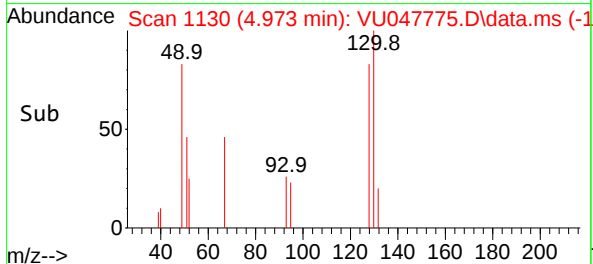
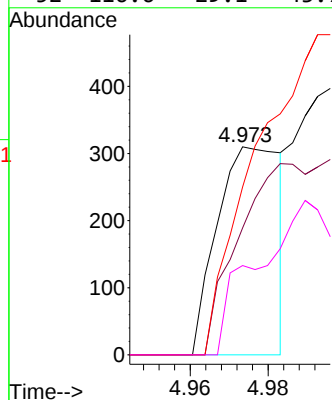
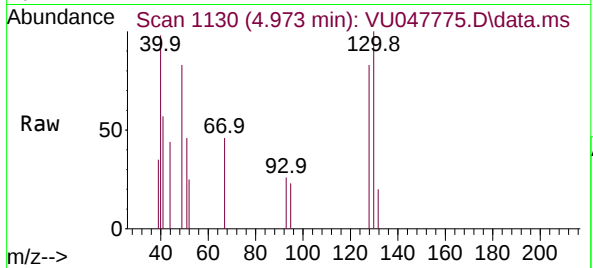




#41
Methacrylonitrile
Concen: 0.121 ug/l
RT: 4.973 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

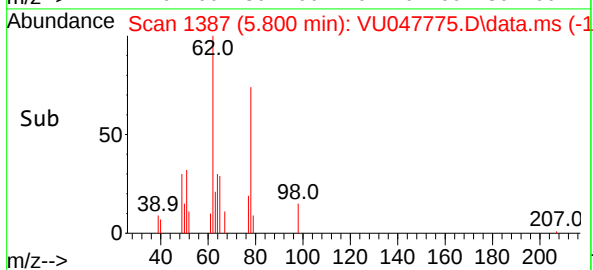
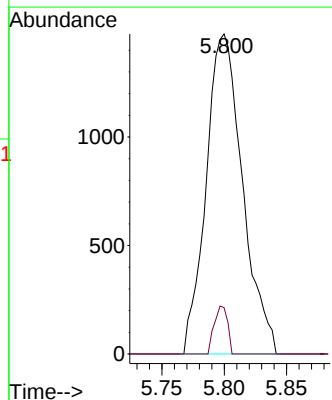
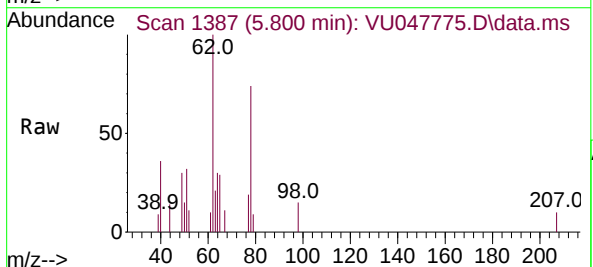
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

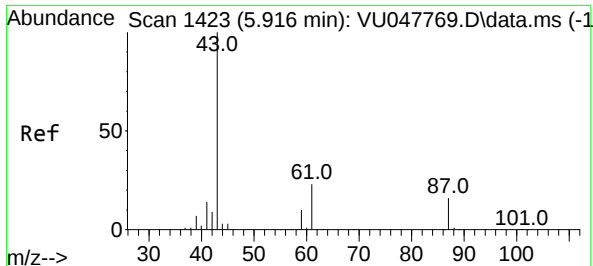
Tgt Ion:	41	Resp:	349
Ion	Ratio	Lower	Upper
41	100		
39	98.0	43.1	64.7#
67	274.5	72.3	108.5#
52	116.6	29.1	43.7#



#42
1,2-Dichloroethane
Concen: 0.610 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:	62	Resp:	2996
Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	18.6

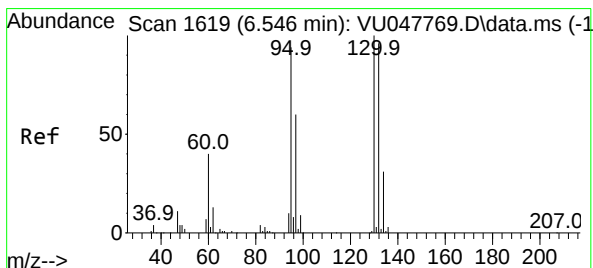
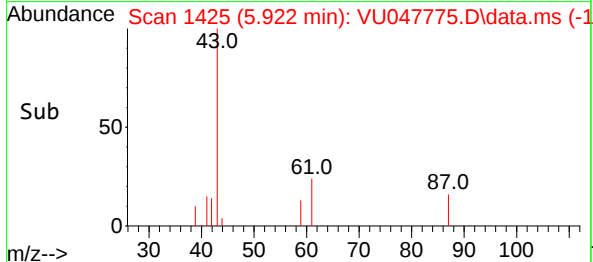
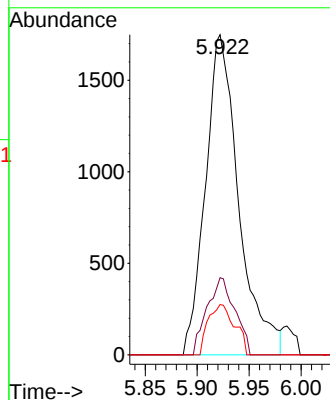
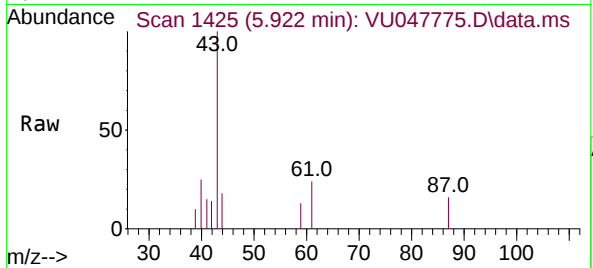




#43
Isopropyl Acetate
Concen: 0.484 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

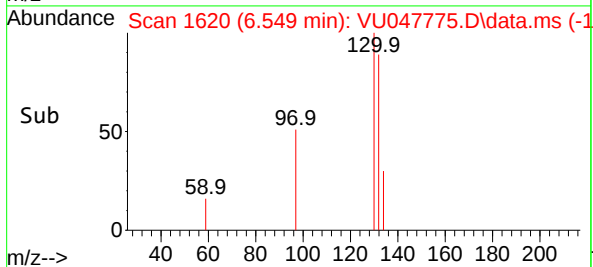
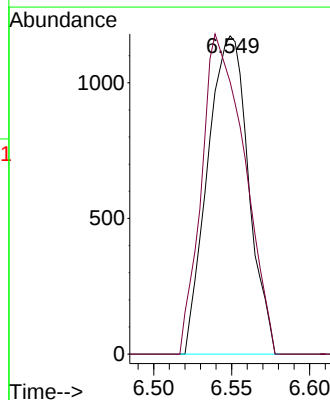
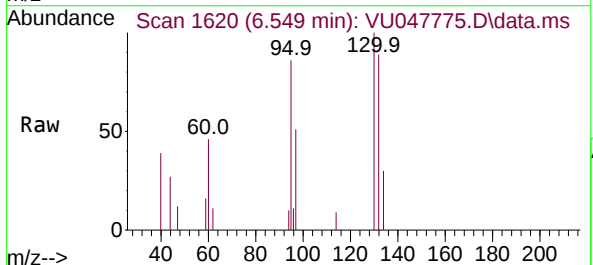
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

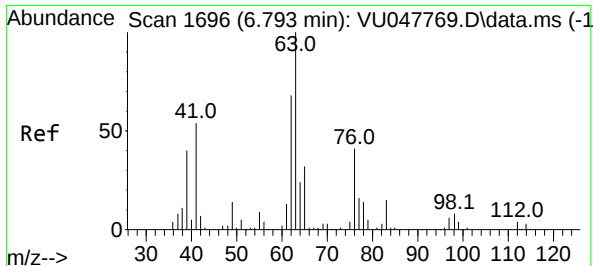
Tgt Ion: 43 Resp: 3887
Ion Ratio Lower Upper
43 100
61 20.1 17.4 26.0
87 12.5 12.6 18.8#



#44
Trichloroethene
Concen: 0.522 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 130 Resp: 2135
Ion Ratio Lower Upper
130 100
95 85.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.473 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

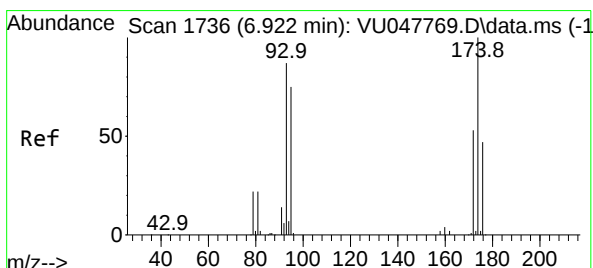
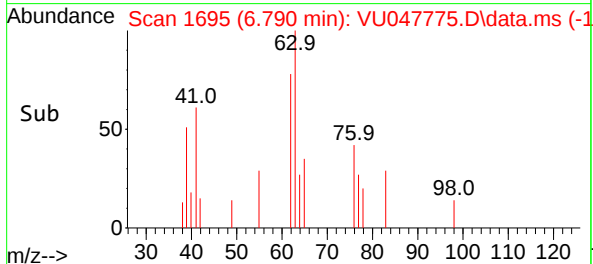
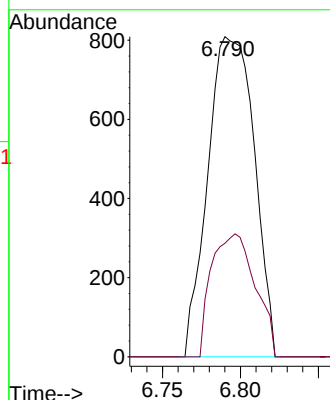
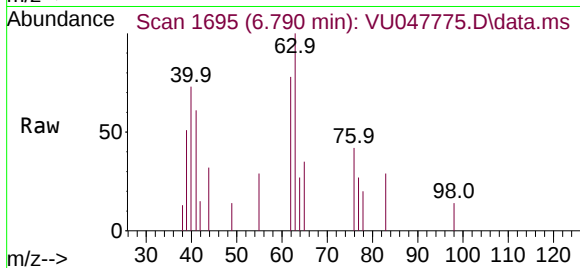
MDL01 0.5ppb

Tgt Ion: 63 Resp: 1682

Ion Ratio Lower Upper

63 100

65 35.5 25.0 37.4



#46

Dibromomethane

Concen: 0.504 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

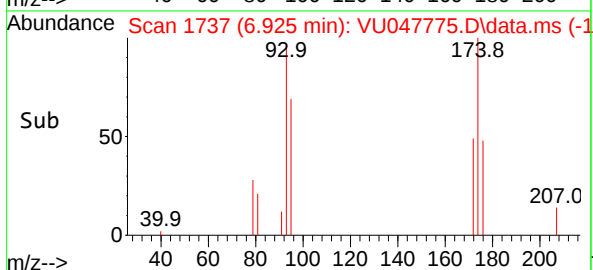
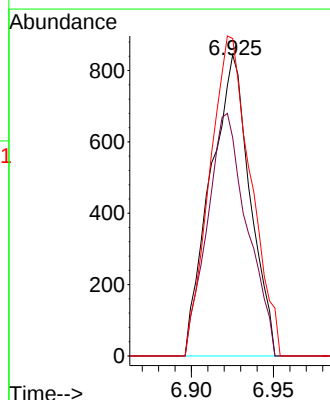
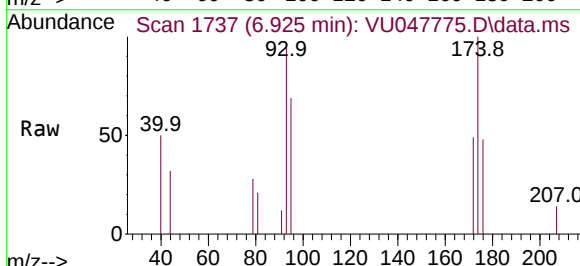
Tgt Ion: 93 Resp: 1414

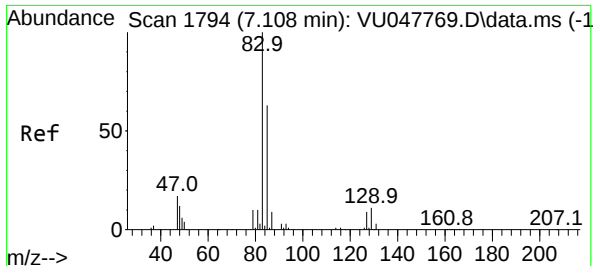
Ion Ratio Lower Upper

93 100

95 81.0 66.3 99.5

174 110.3 88.2 132.4





#47

Bromodichloromethane

Concen: 0.513 ug/l

RT: 7.112 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

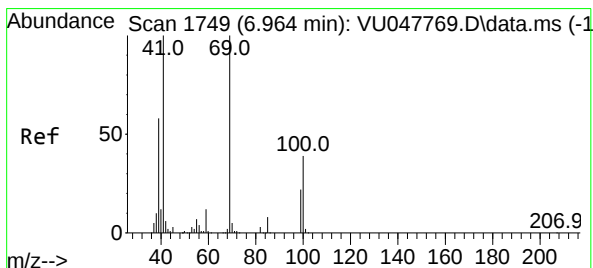
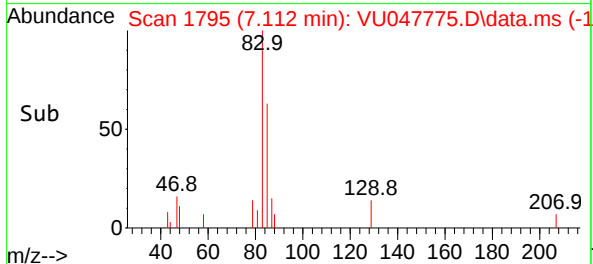
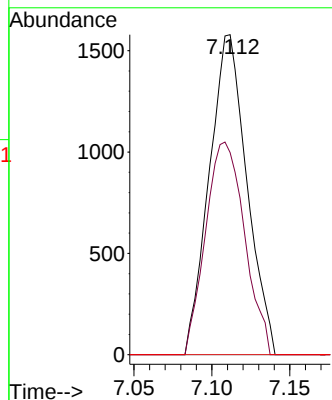
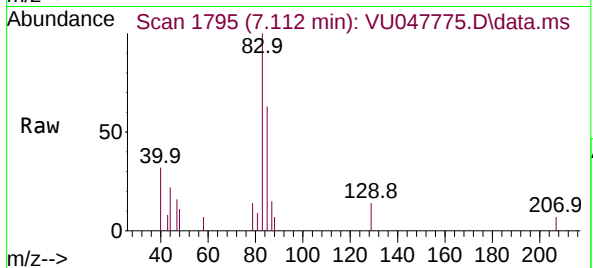
Tgt Ion: 83 Resp: 2652

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.2

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 0.431 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

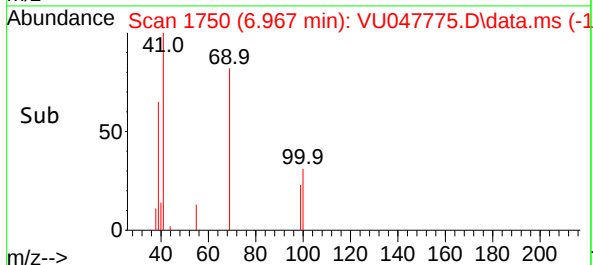
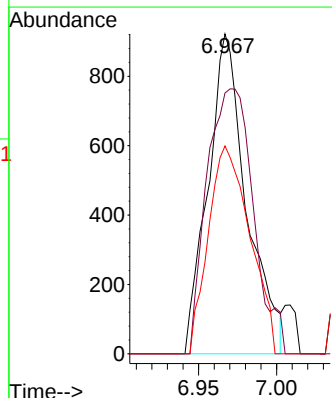
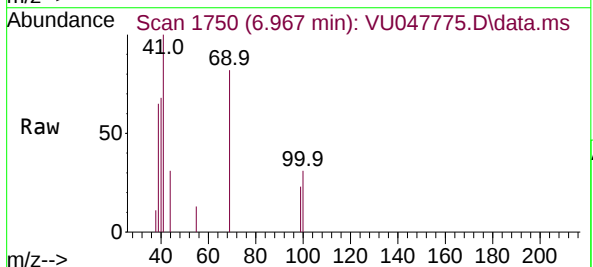
Tgt Ion: 41 Resp: 1584

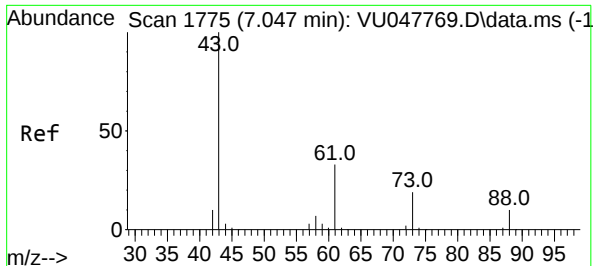
Ion Ratio Lower Upper

41 100

69 99.8 79.8 119.6

39 70.1 47.9 71.9





#49

1,4-Dioxane

Concen: 1.907 ug/l

RT: 7.041 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

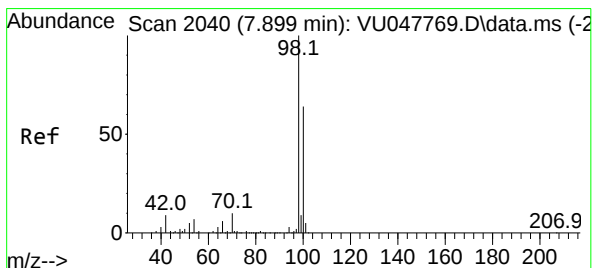
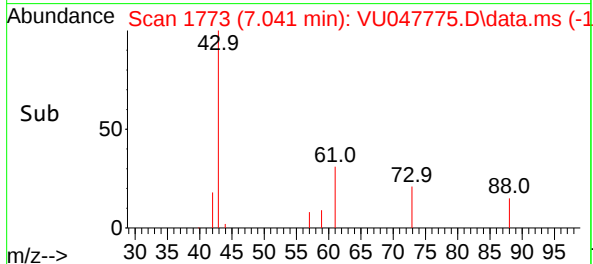
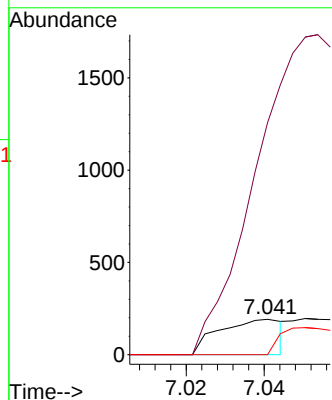
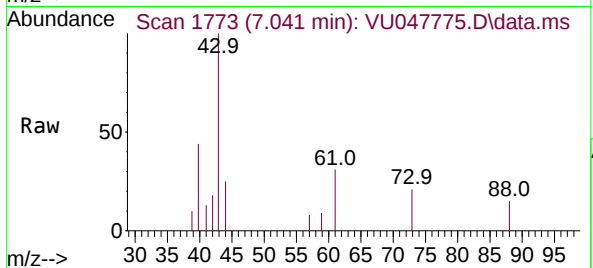
MSVOA_U

ClientSampleId :

MDL01 0.5ppb

Tgt Ion: 88 Resp: 214

Ion	Ratio	Lower	Upper
88	100		
43	1782.2	0.0	0.0#
58	115.4	15.4	23.0#



#50

Toluene-d8

Concen: 52.660 ug/l

RT: 7.899 min Scan# 2040

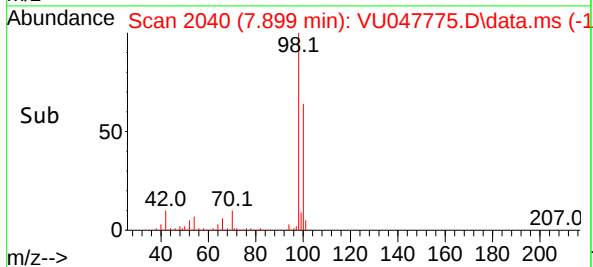
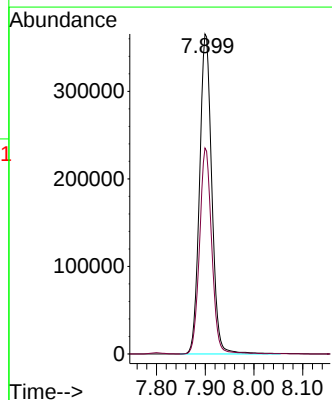
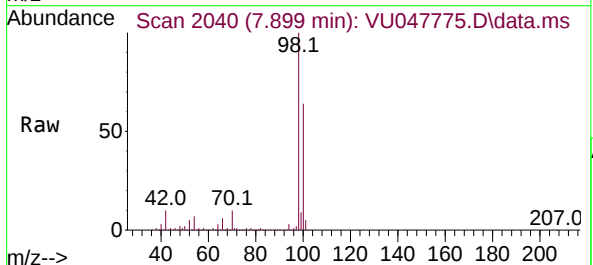
Delta R.T. 0.000 min

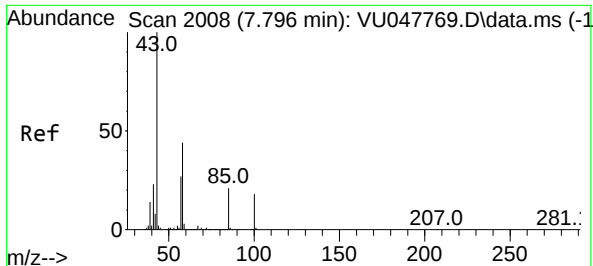
Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Tgt Ion: 98 Resp: 638153

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5

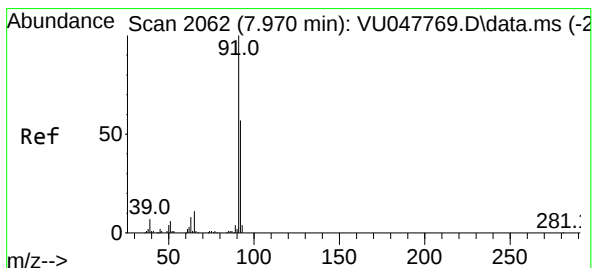
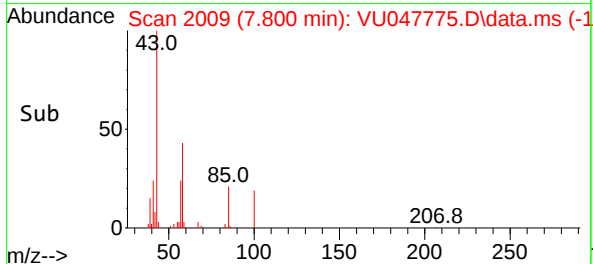
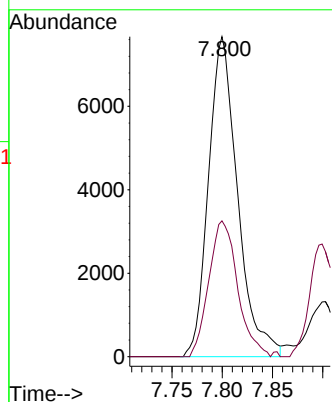
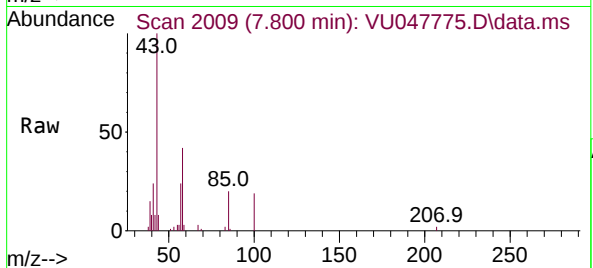




#51
4-Methyl-2-Pentanone
Concen: 2.629 ug/l
RT: 7.800 min Scan# 2008
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

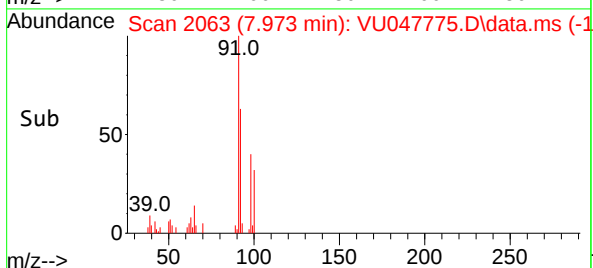
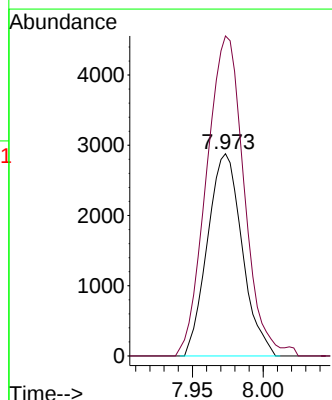
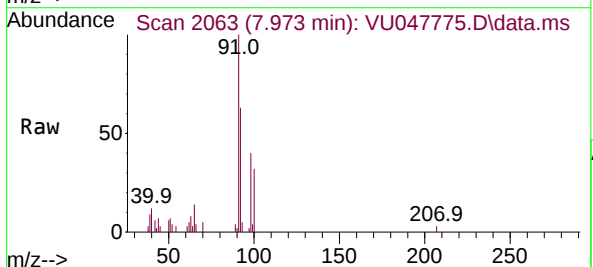
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

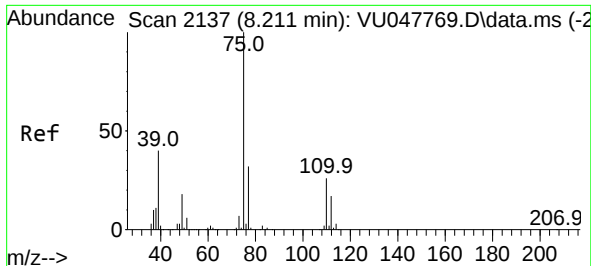
Tgt Ion: 43 Resp: 15443
Ion Ratio Lower Upper
43 100
58 42.0 34.7 52.1



#52
Toluene
Concen: 0.543 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 92 Resp: 4898
Ion Ratio Lower Upper
92 100
91 171.9 138.2 207.4

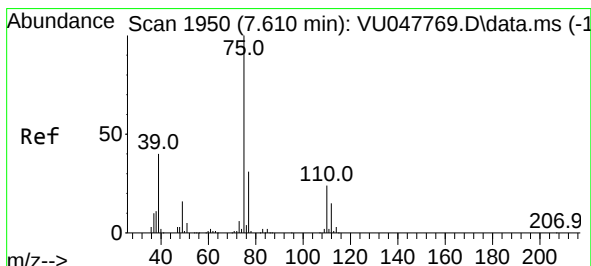
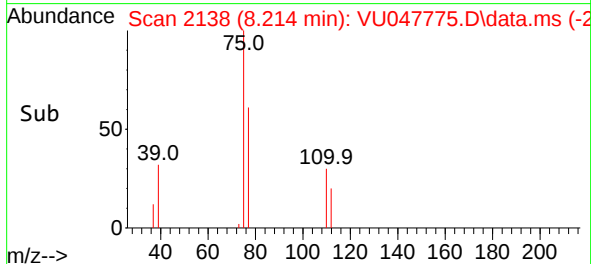
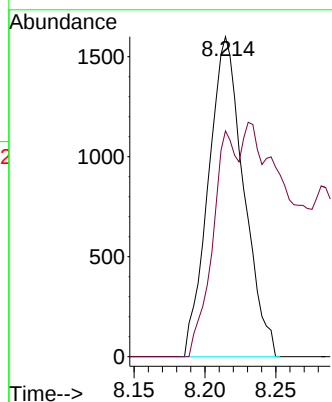
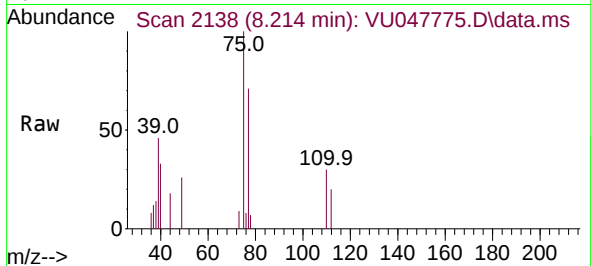




#53
 t-1,3-Dichloropropene
 Concen: 0.481 ug/l
 RT: 8.214 min Scan# 2137
 Delta R.T. 0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

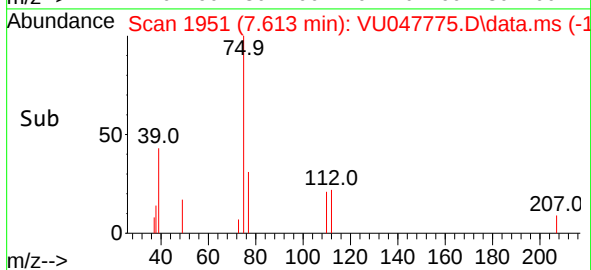
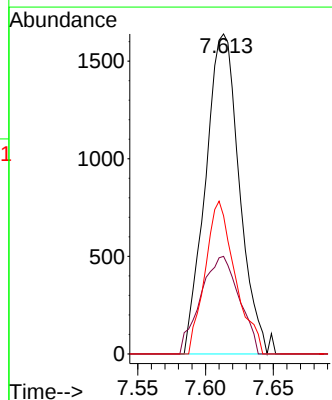
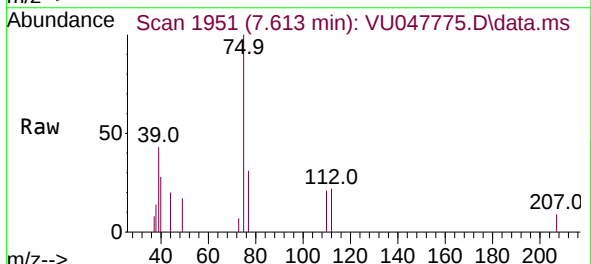
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

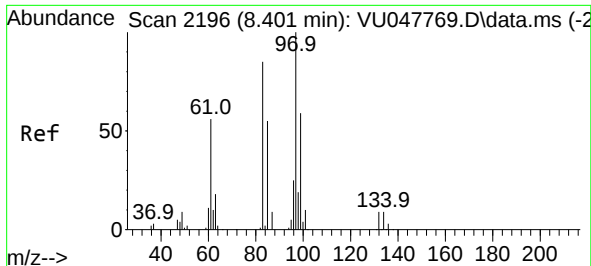
Tgt Ion: 75 Resp: 2772
 Ion Ratio Lower Upper
 75 100
 77 70.6 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.484 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

Tgt Ion: 75 Resp: 2863
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5
 39 43.2 33.0 49.6

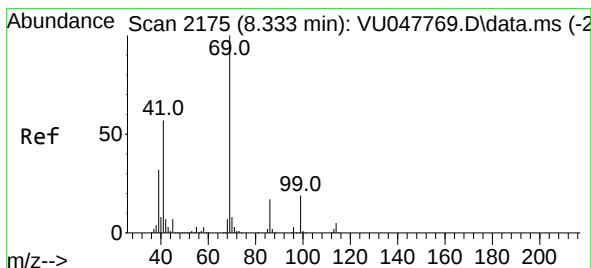
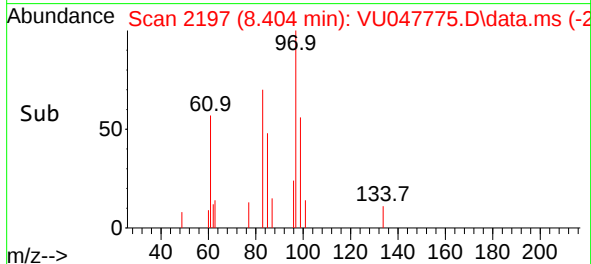
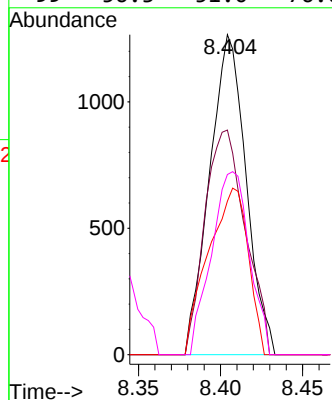
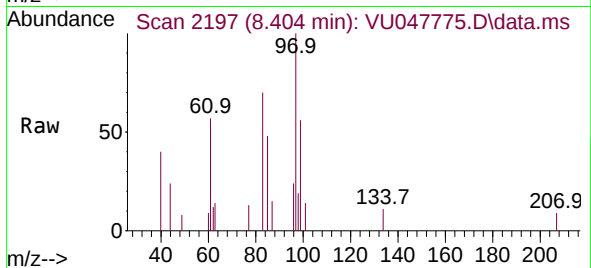




#55
1,1,2-Trichloroethane
Concen: 0.506 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

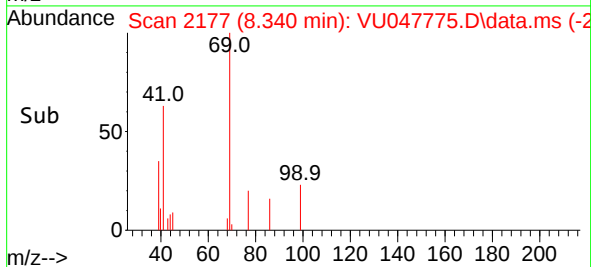
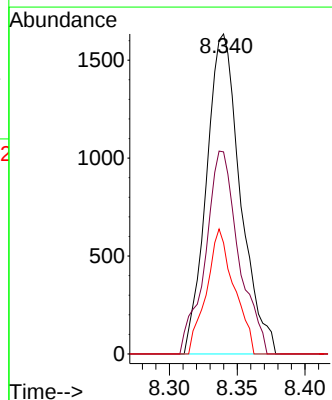
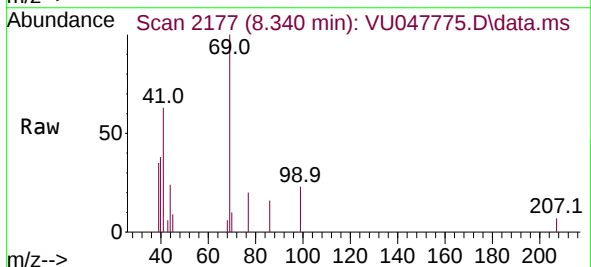
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

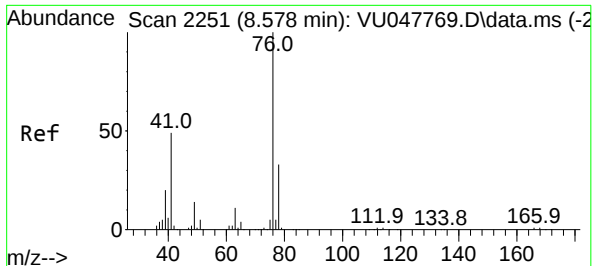
Tgt Ion:	97	Resp:	1954
Ion	Ratio	Lower	Upper
97	100		
83	70.2	70.2	105.4#
85	47.9	44.6	66.8
99	56.3	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.513 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.006 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:	69	Resp:	2842
Ion	Ratio	Lower	Upper
69	100		
41	62.2	45.4	68.0
39	31.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 0.505 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

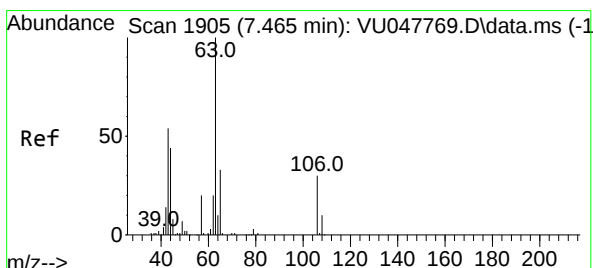
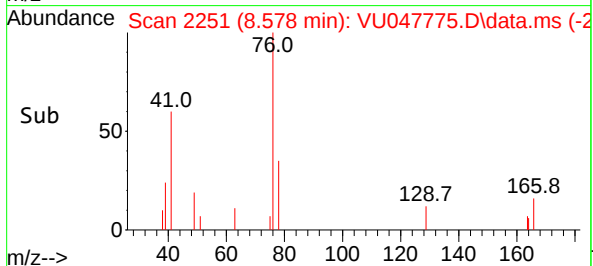
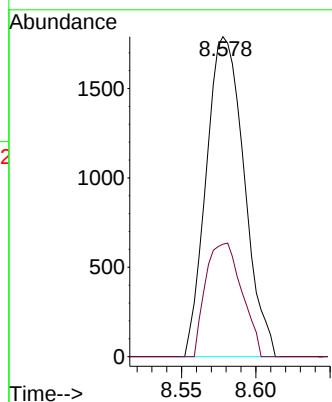
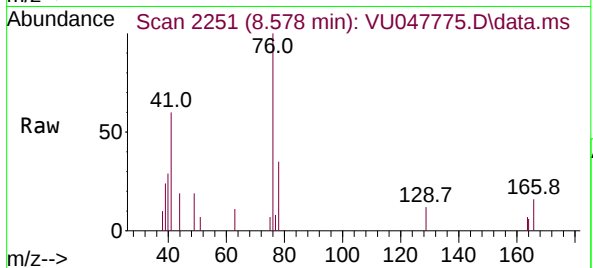
MDL01 0.5ppb

Tgt Ion: 76 Resp: 3175

Ion Ratio Lower Upper

76 100

78 33.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.439 ug/l

RT: 7.472 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VU047775.D

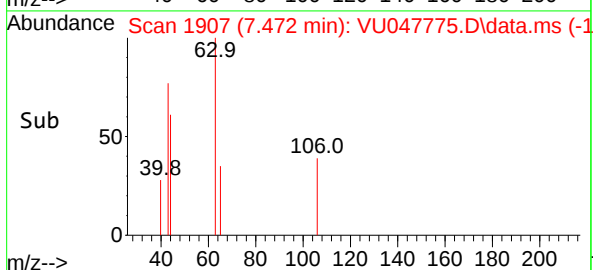
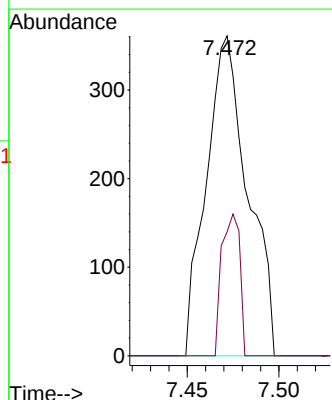
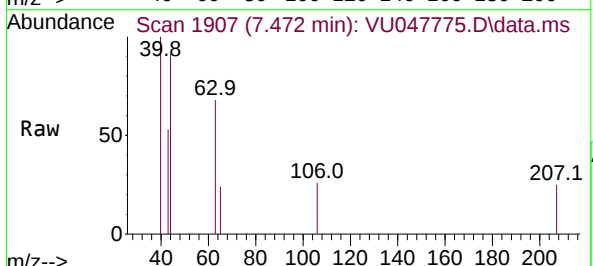
Acq: 31 Mar 2022 16:15

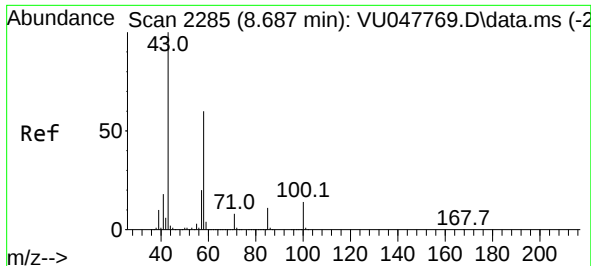
Tgt Ion: 63 Resp: 569

Ion Ratio Lower Upper

63 100

106 19.2 23.1 34.7#





#59

2-Hexanone

Concen: 2.836 ug/l

RT: 8.694 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

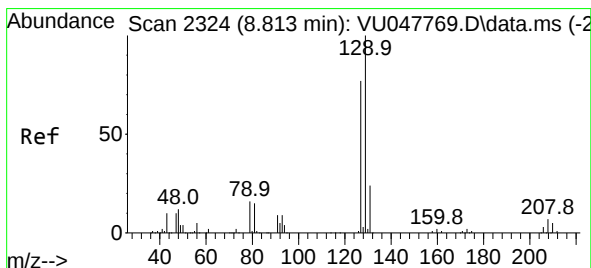
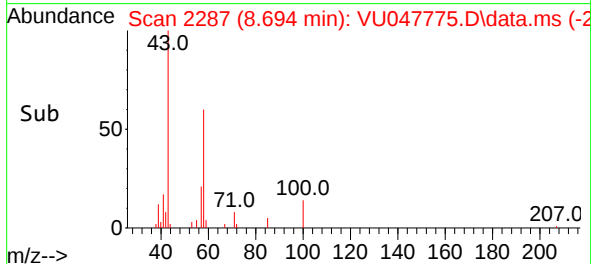
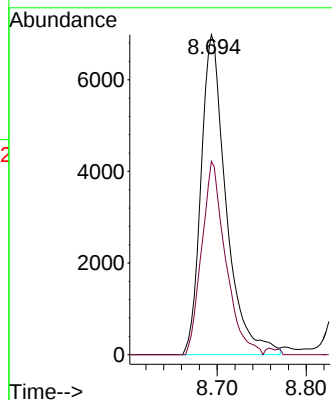
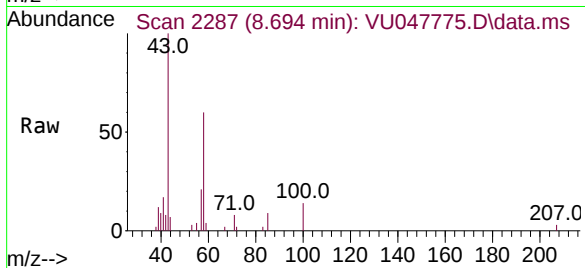
MDL01 0.5ppb

Tgt Ion: 43 Resp: 13665

Ion Ratio Lower Upper

43 100

58 57.5 30.3 90.8



#60

Dibromochloromethane

Concen: 0.465 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU047775.D

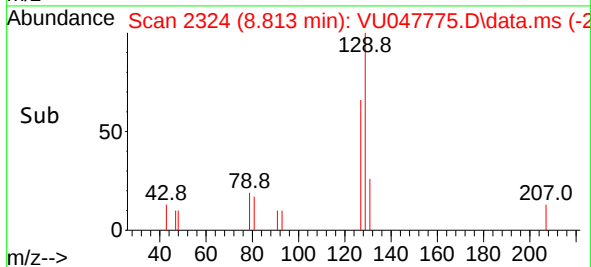
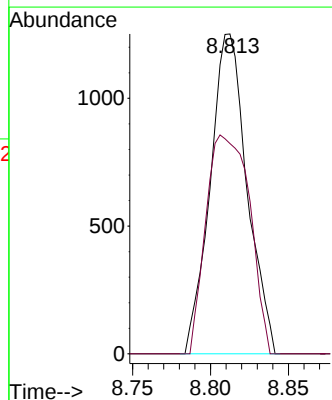
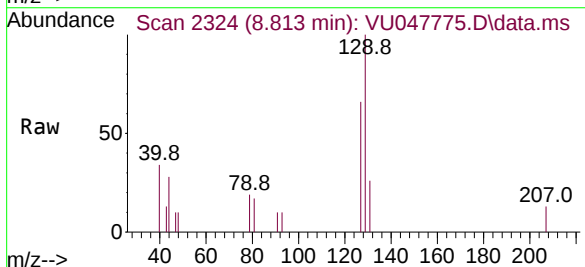
Acq: 31 Mar 2022 16:15

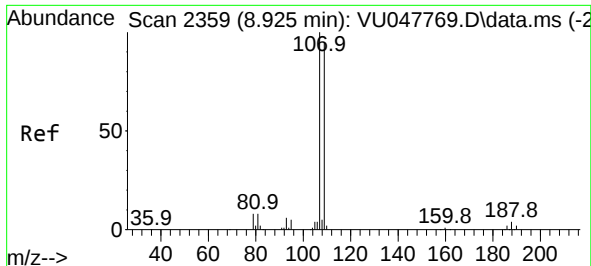
Tgt Ion: 129 Resp: 2064

Ion Ratio Lower Upper

129 100

127 80.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 0.479 ug/l

RT: 8.928 min Scan# 2100

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

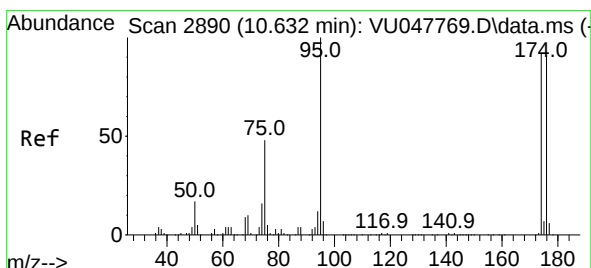
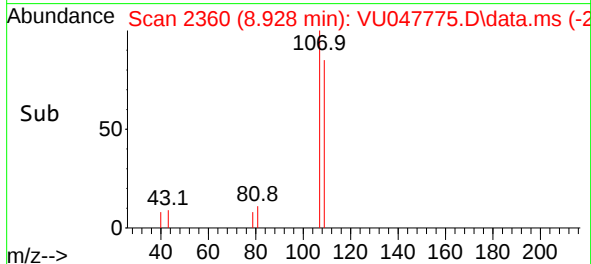
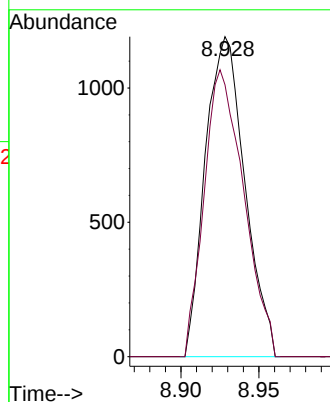
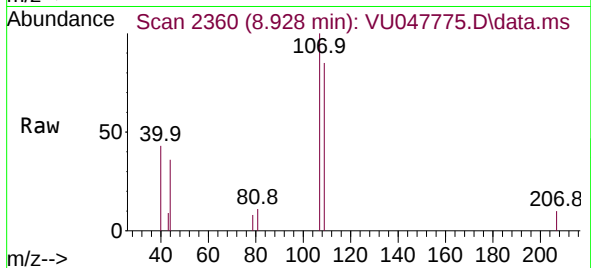
MDL01 0.5ppb

Tgt Ion:107 Resp: 2100

Ion Ratio Lower Upper

107 100

109 89.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.075 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

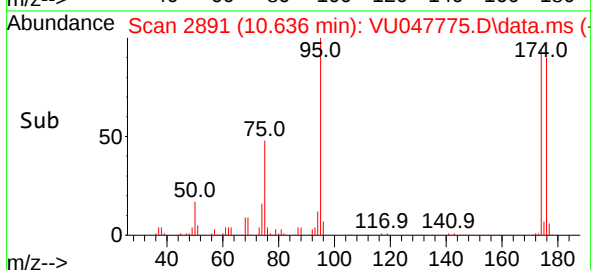
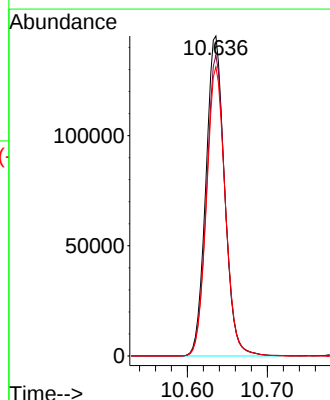
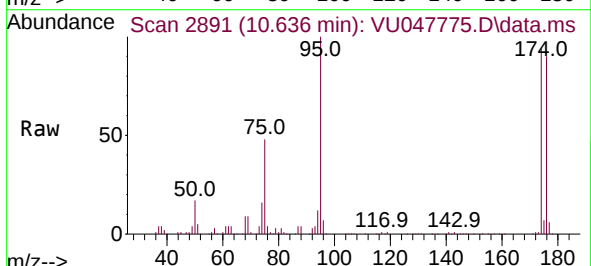
Tgt Ion: 95 Resp: 236327

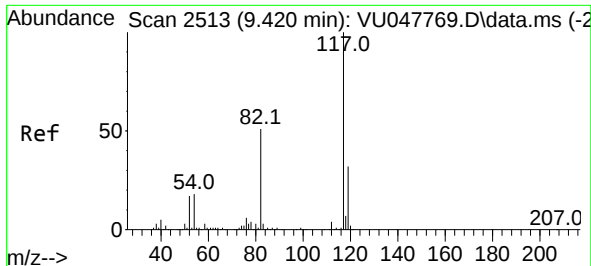
Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.0

176 90.7 0.0 177.8

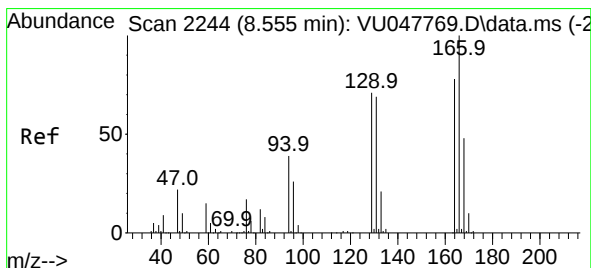
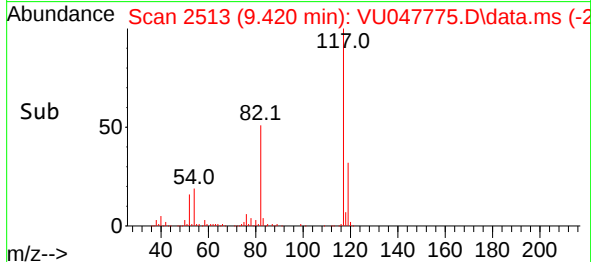
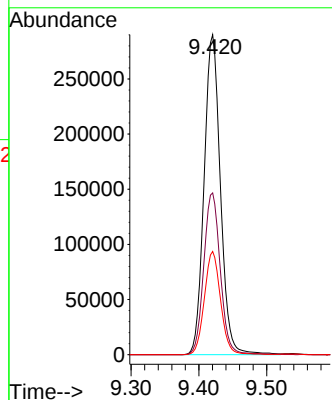
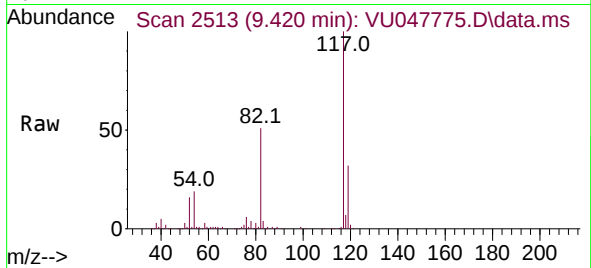




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

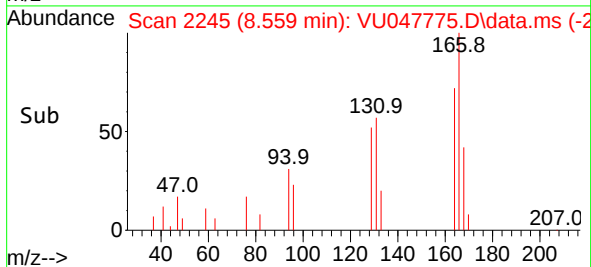
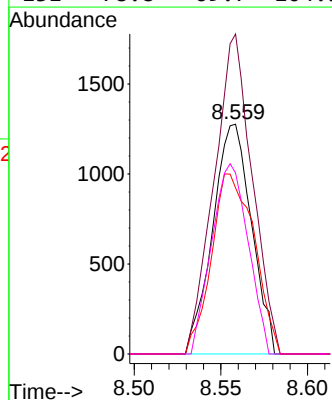
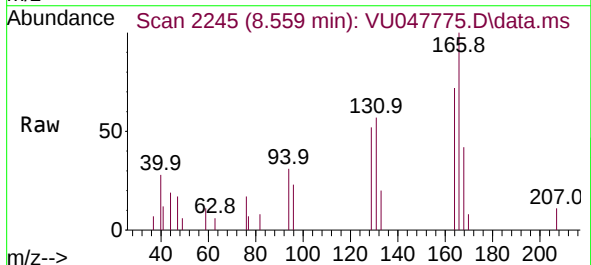
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

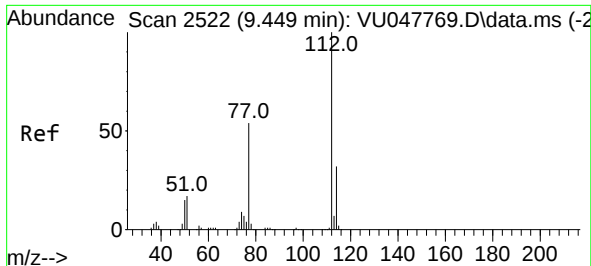
Tgt Ion:117 Resp: 486878
Ion Ratio Lower Upper
117 100
82 50.5 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 0.553 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:164 Resp: 1991
Ion Ratio Lower Upper
164 100
166 139.2 100.0 150.0
129 72.3 72.0 108.0
131 78.8 69.7 104.5

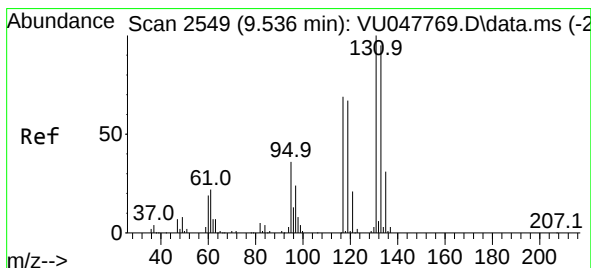
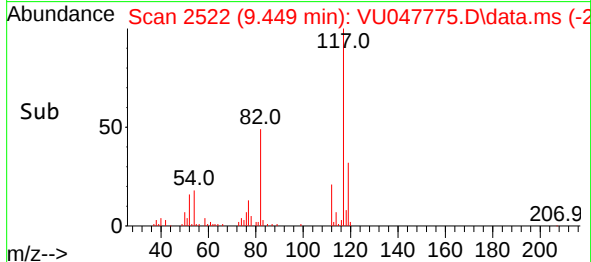
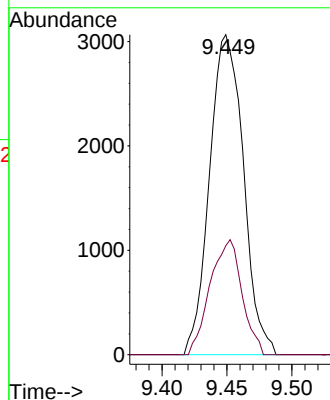
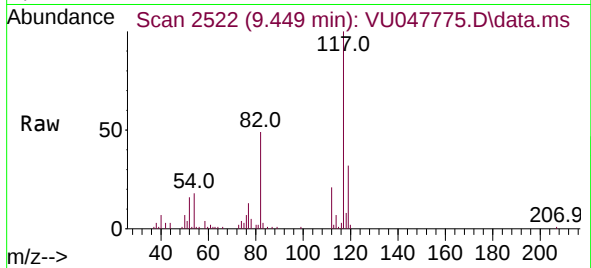




#65
Chlorobenzene
Concen: 0.535 ug/l
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

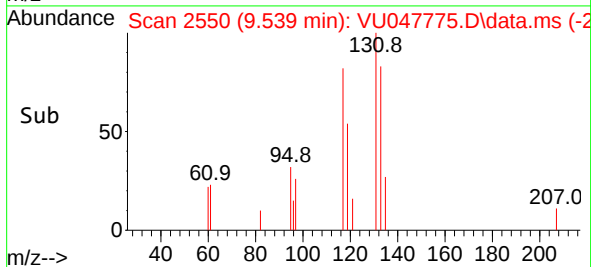
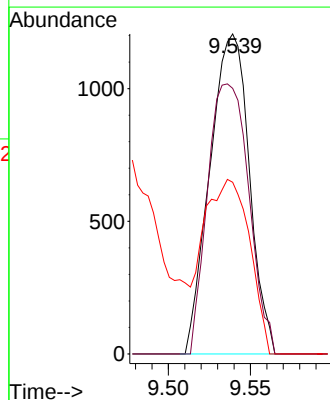
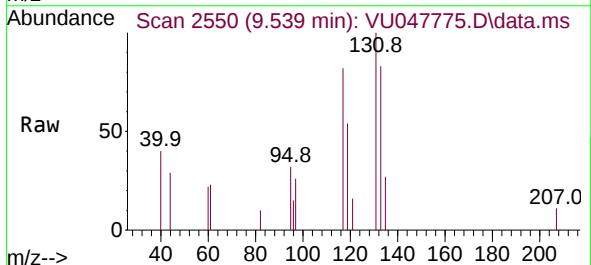
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

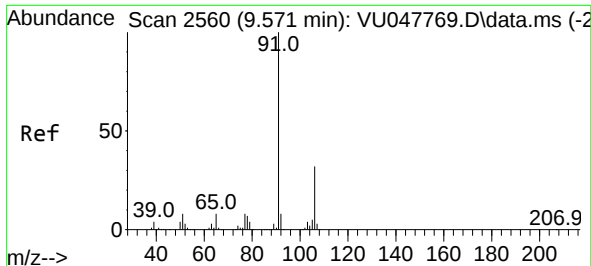
Tgt Ion:112 Resp: 5555
Ion Ratio Lower Upper
112 100
114 34.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.527 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:131 Resp: 2015
Ion Ratio Lower Upper
131 100
133 88.2 48.4 145.0
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.503 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

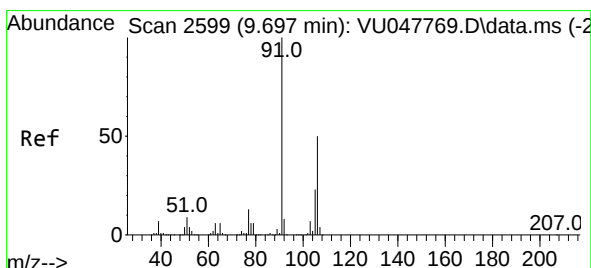
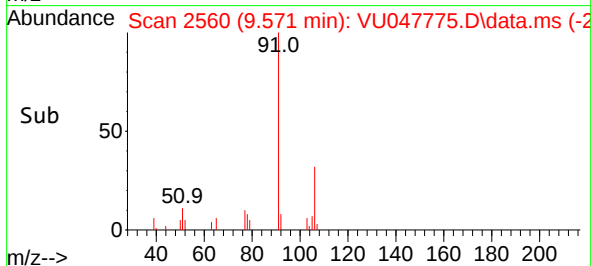
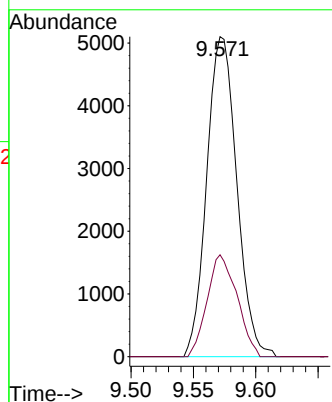
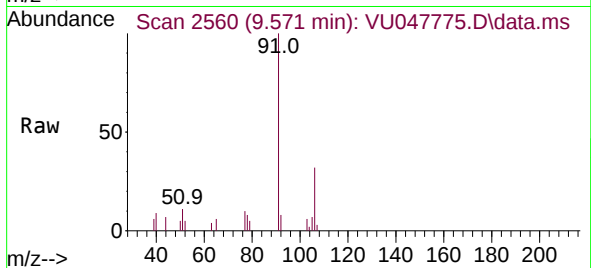
MDL01 0.5ppb

Tgt Ion: 91 Resp: 8556

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 0.938 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047775.D

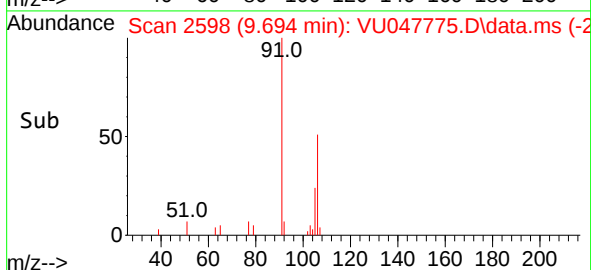
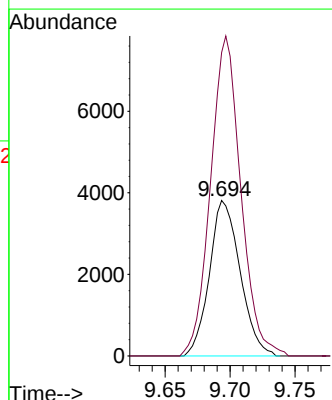
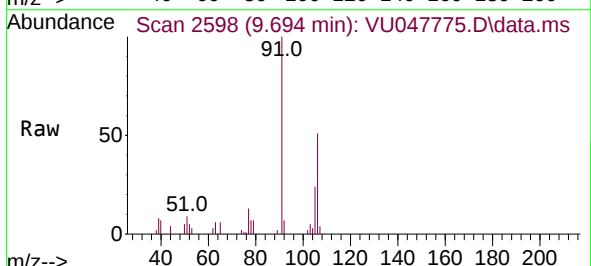
Acq: 31 Mar 2022 16:15

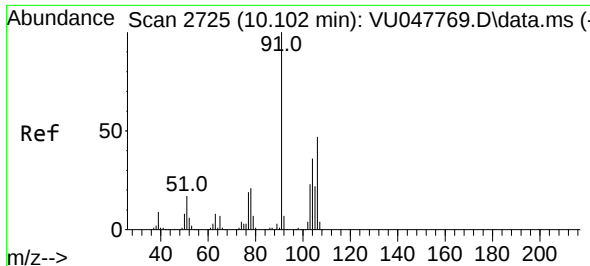
Tgt Ion: 106 Resp: 6270

Ion Ratio Lower Upper

106 100

91 202.8 157.2 235.8

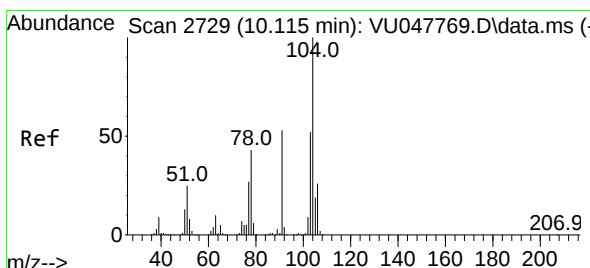
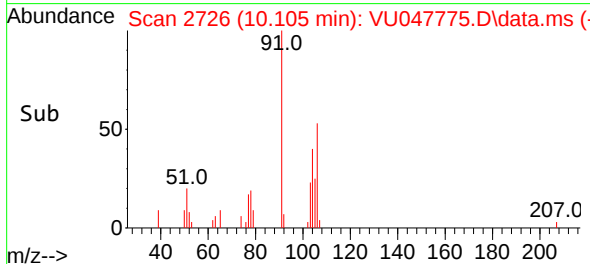
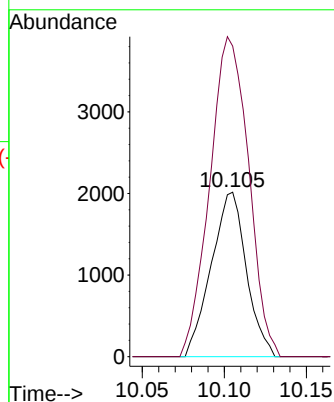
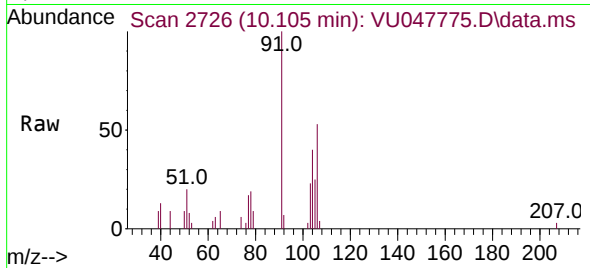




#69
o-Xylene
Concen: 0.468 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

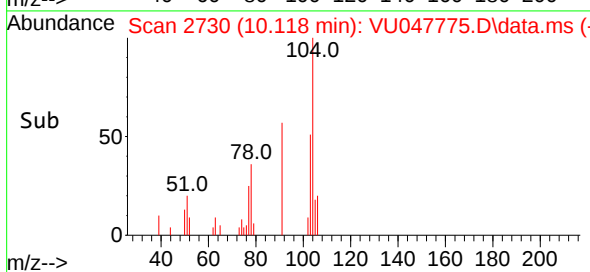
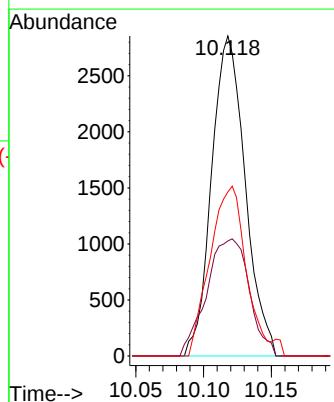
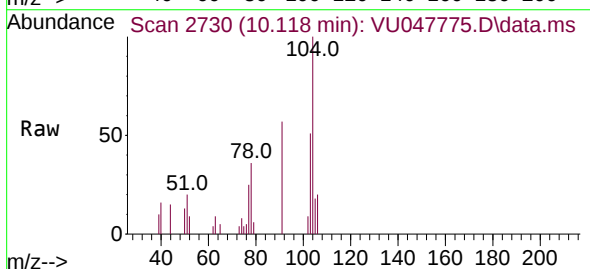
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

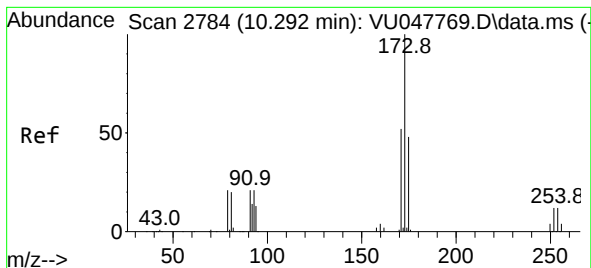
Tgt Ion:106 Resp: 2995
Ion Ratio Lower Upper
106 100
91 215.3 103.5 310.5



#70
Styrene
Concen: 0.462 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:104 Resp: 4911
Ion Ratio Lower Upper
104 100
78 46.5 38.0 57.0
103 58.2 43.9 65.9





#71

Bromoform

Concen: 0.470 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

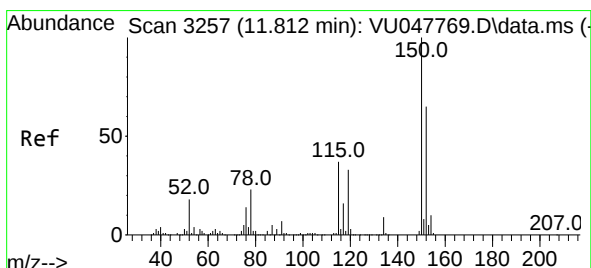
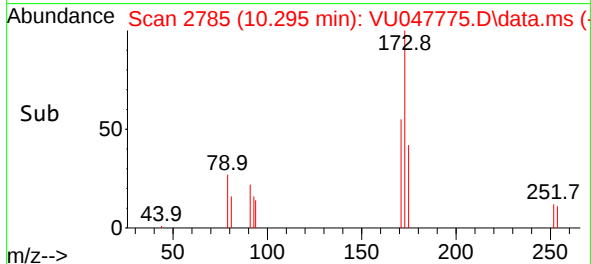
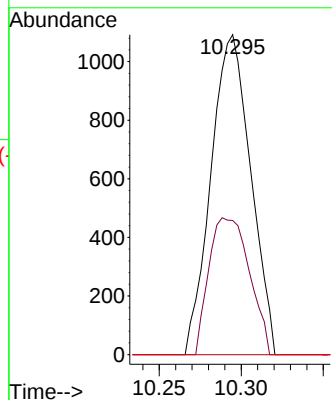
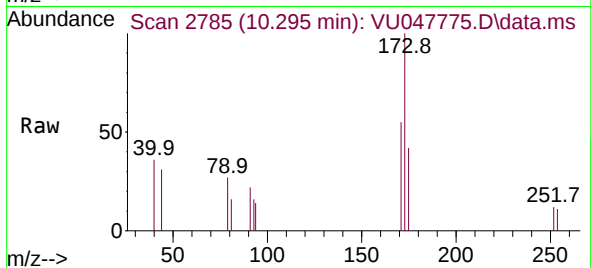
Tgt Ion:173 Resp: 1837

Ion Ratio Lower Upper

173 100

175 43.6 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

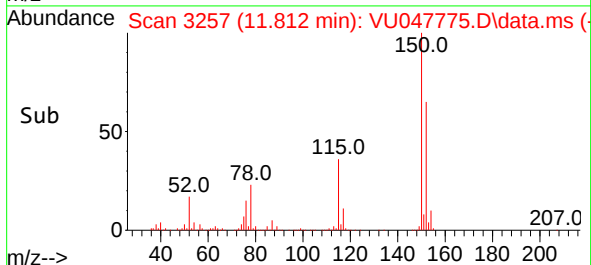
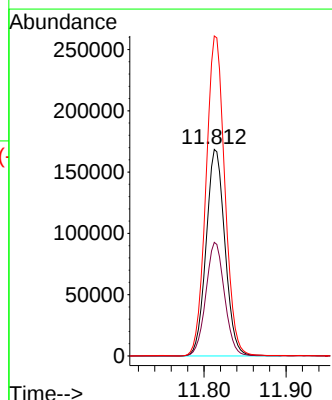
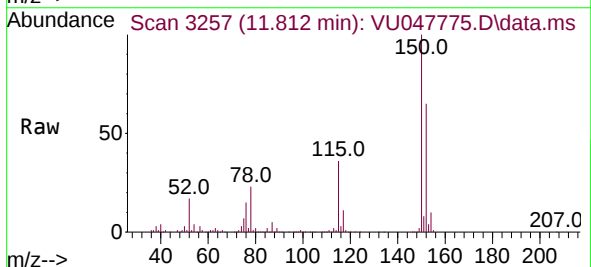
Tgt Ion:152 Resp: 268228

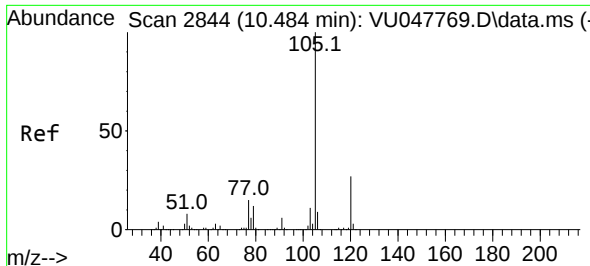
Ion Ratio Lower Upper

152 100

115 54.8 37.0 110.9

150 155.1 0.0 342.2

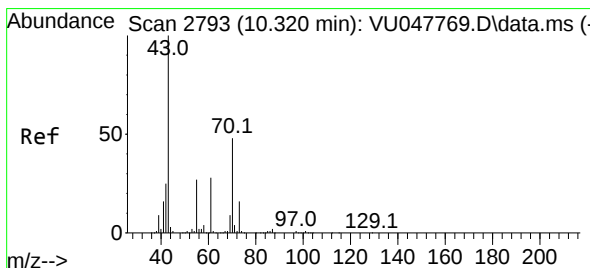
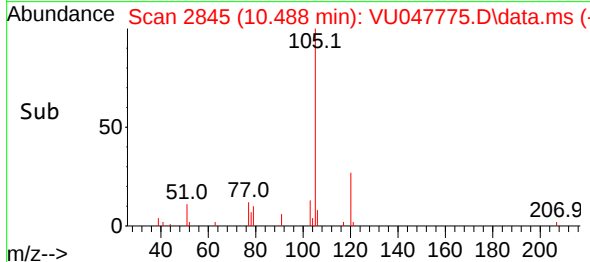
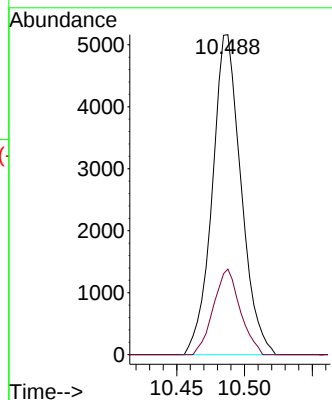
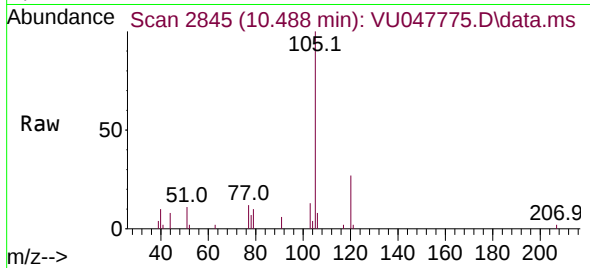




#73
Isopropylbenzene
Concen: 0.486 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

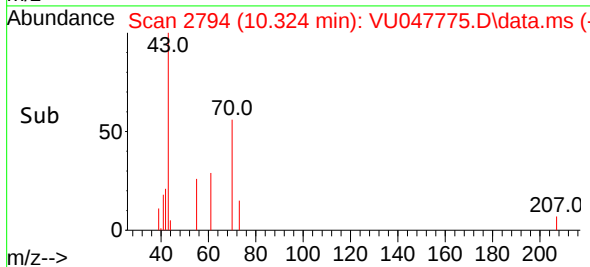
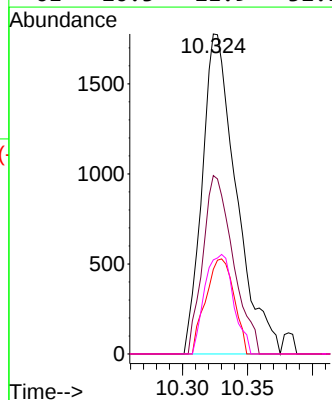
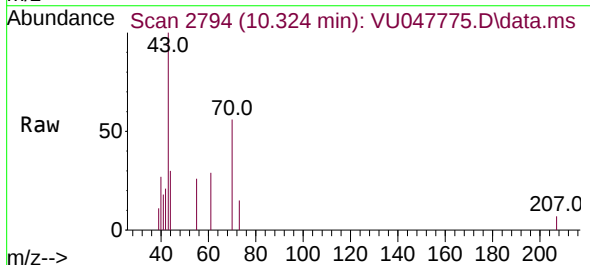
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

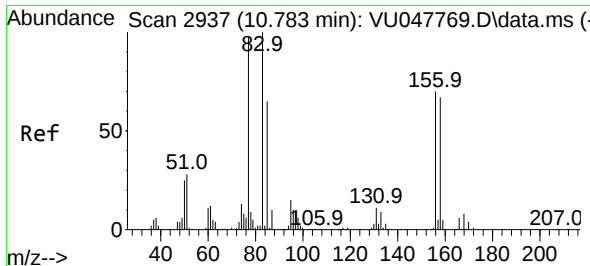
Tgt Ion:105 Resp: 7623
Ion Ratio Lower Upper
105 100
120 24.8 13.8 41.4



#74
N-ethyl acetate
Concen: 0.523 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 43 Resp: 3241
Ion Ratio Lower Upper
43 100
70 49.5 38.7 58.1
55 24.6 21.8 32.8
61 26.3 21.9 32.9

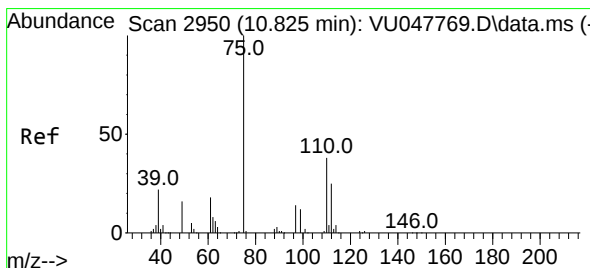
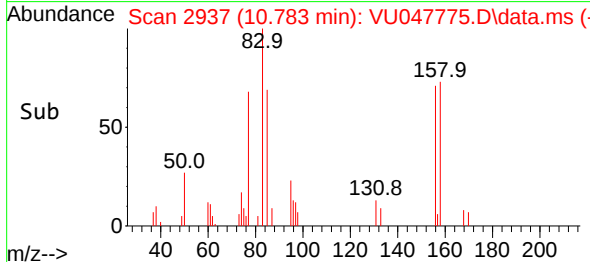
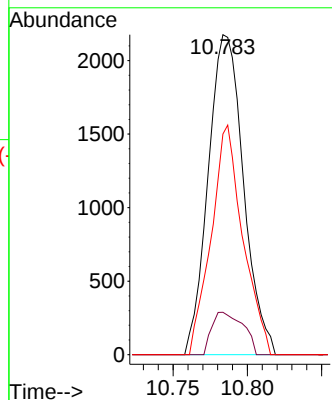
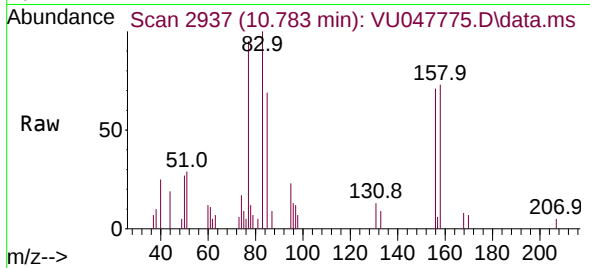




#75
1,1,2,2-Tetrachloroethane
Concen: 0.549 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

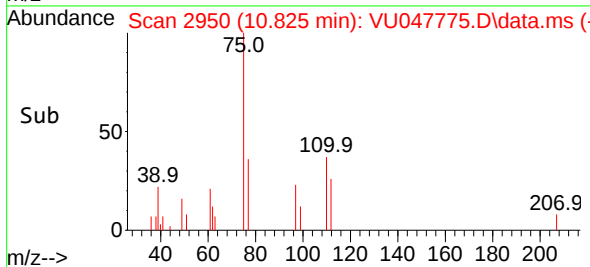
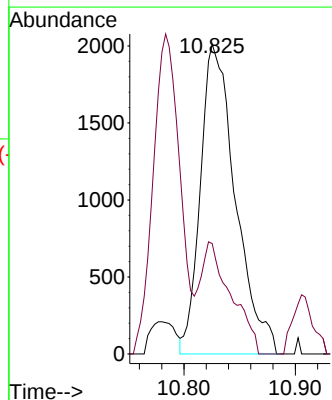
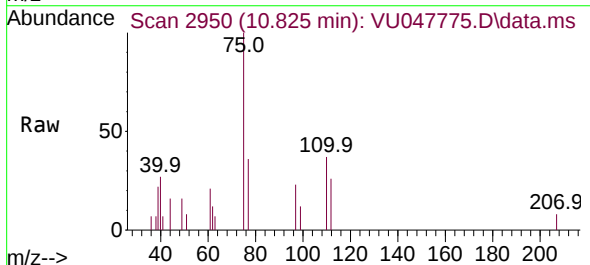
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

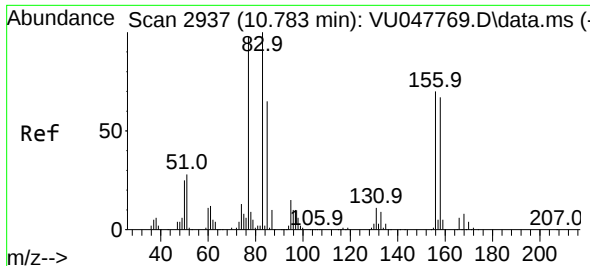
Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.1	15.4
85	64.3	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 0.585 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	15.8	47.3

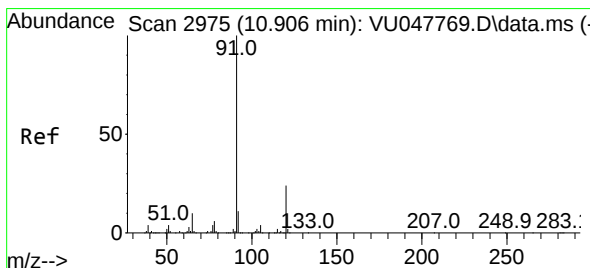
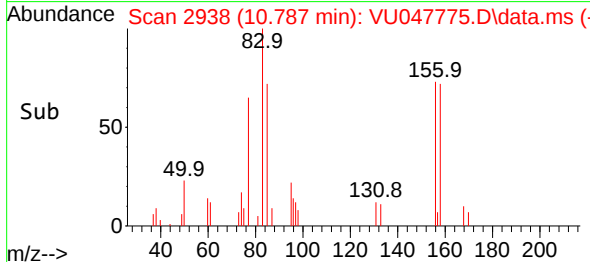
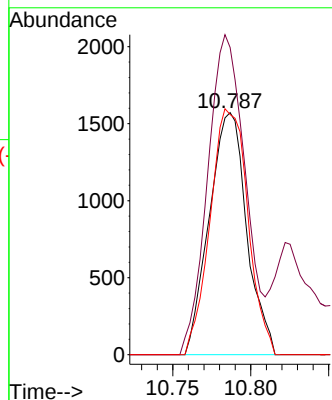
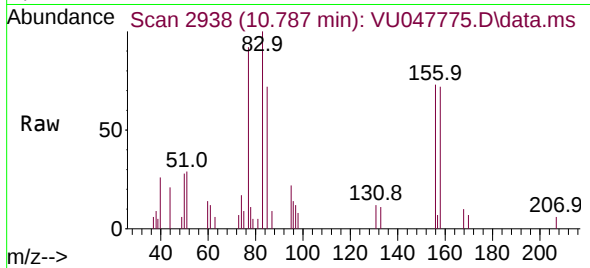




#77
Bromobenzene
Concen: 0.582 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

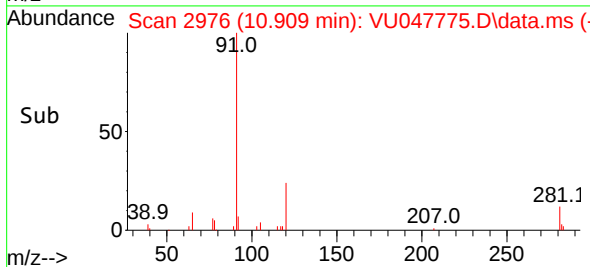
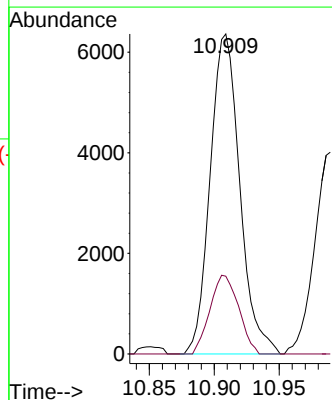
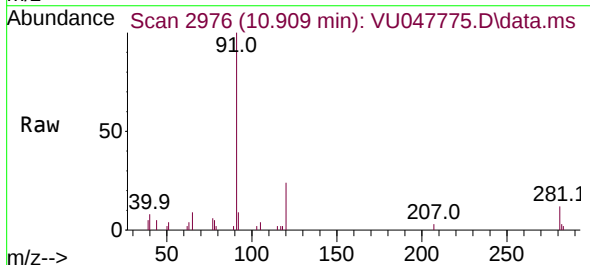
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

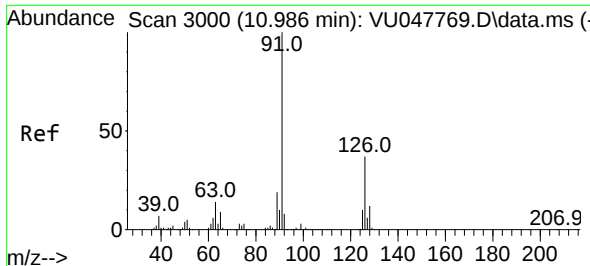
Tgt Ion:156 Resp: 2623
Ion Ratio Lower Upper
156 100
77 133.4 71.9 215.6
158 102.4 48.9 146.8



#78
n-propylbenzene
Concen: 0.538 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 91 Resp: 10085
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

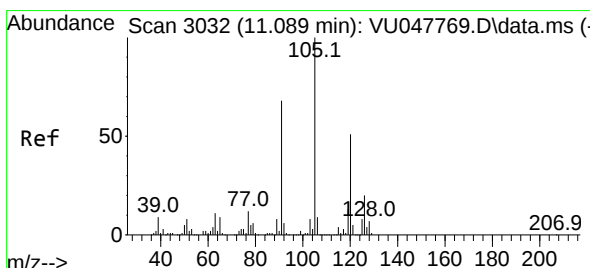
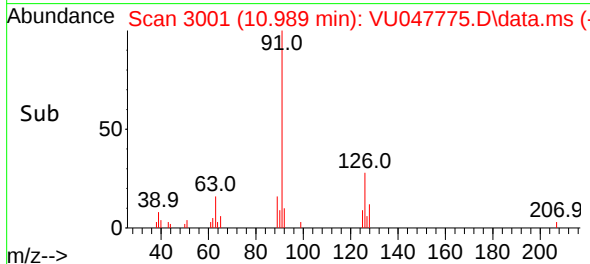
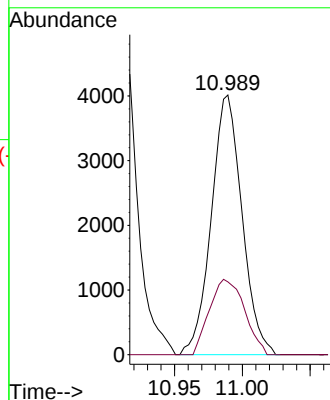
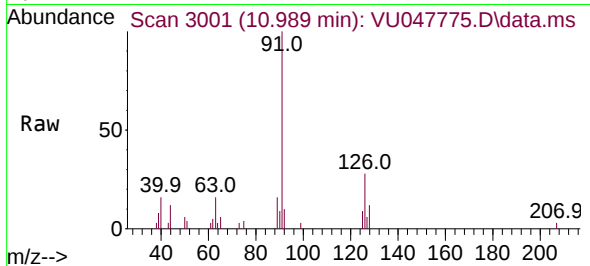




#79
2-Chlorotoluene
Concen: 0.562 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

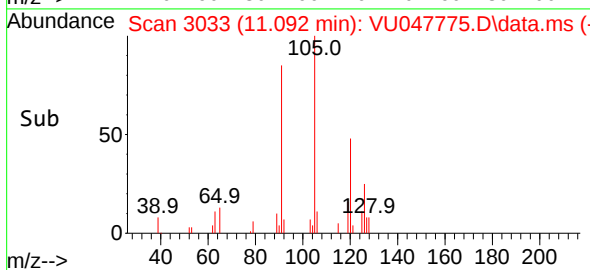
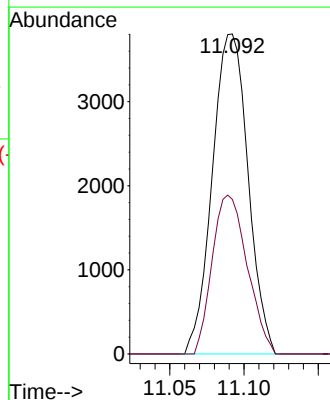
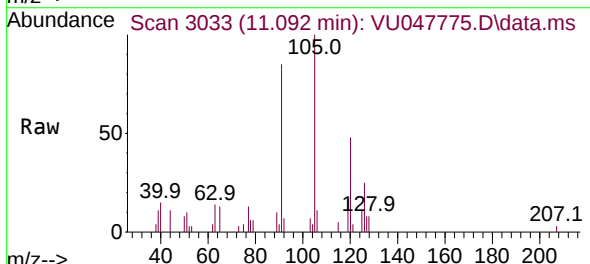
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

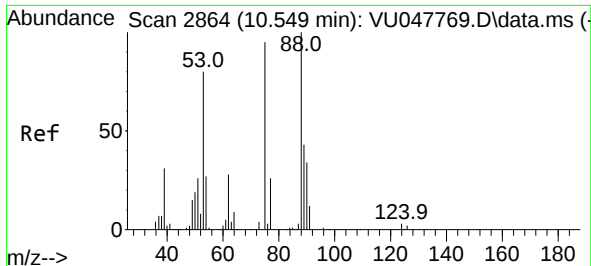
Tgt Ion: 91 Resp: 6333
Ion Ratio Lower Upper
91 100
126 33.1 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 0.482 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 105 Resp: 6372
Ion Ratio Lower Upper
105 100
120 48.6 25.3 75.9

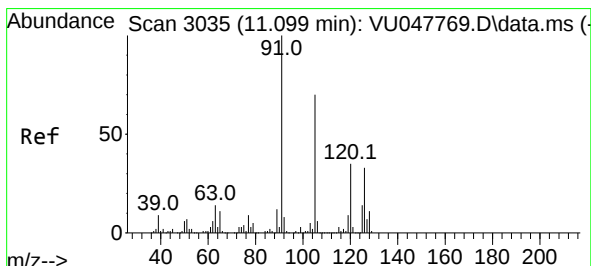
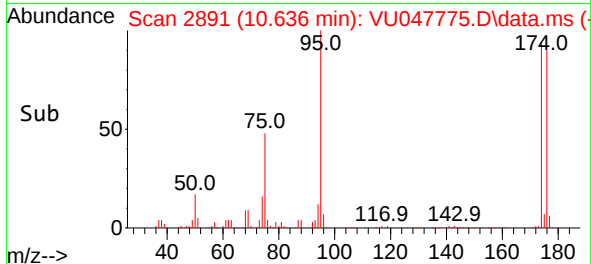
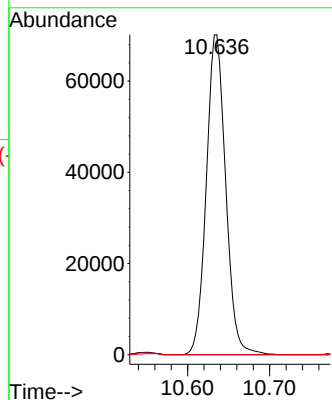
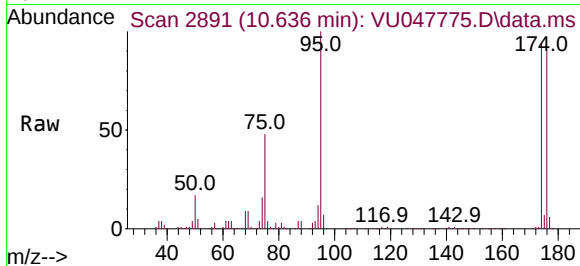




#81
trans-1,4-Dichloro-2-butene
Concen: 54.495 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

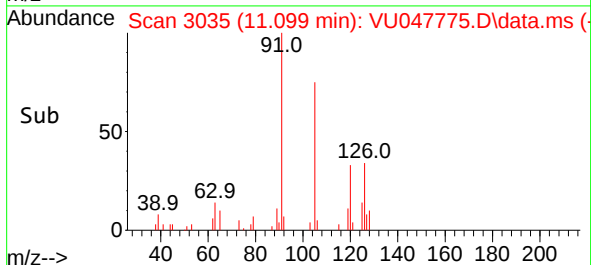
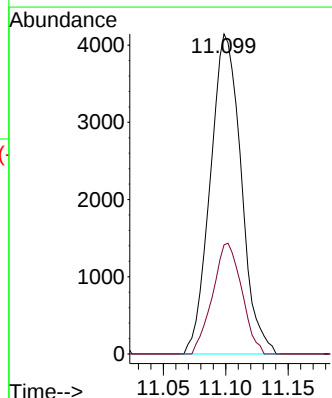
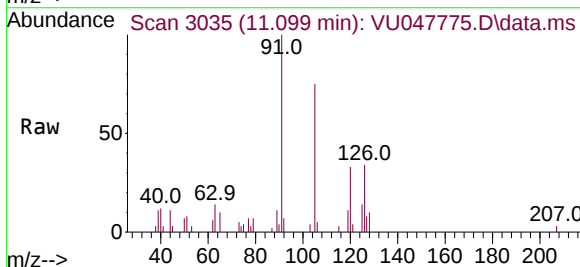
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

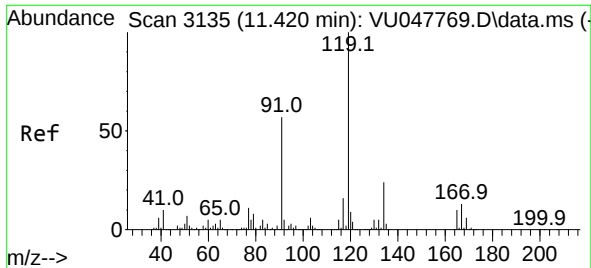
Tgt Ion: 75 Resp: 114959
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.545 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion: 91 Resp: 7130
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

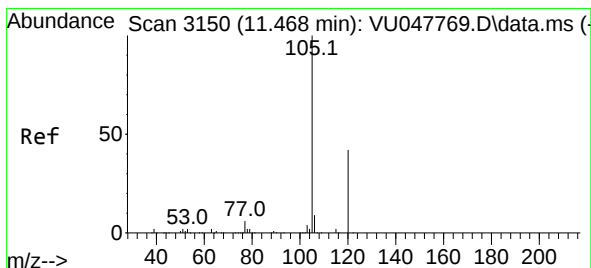
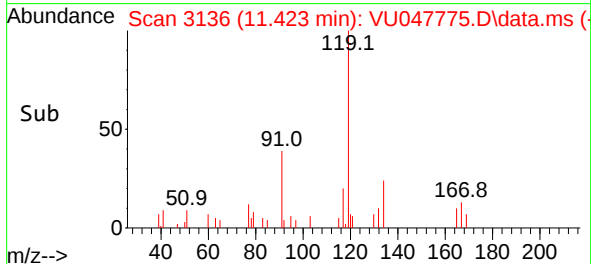
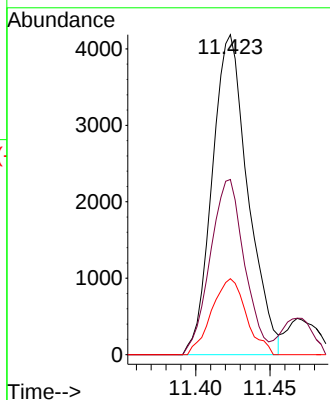
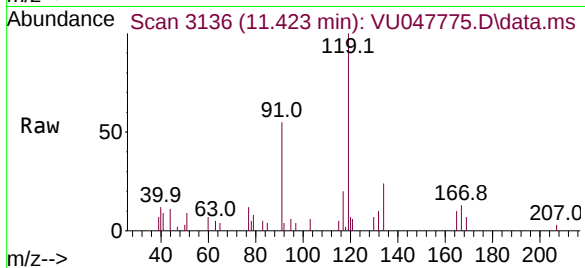




#83
tert-Butylbenzene
Concen: 0.515 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

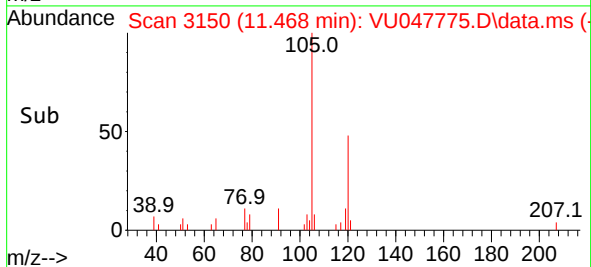
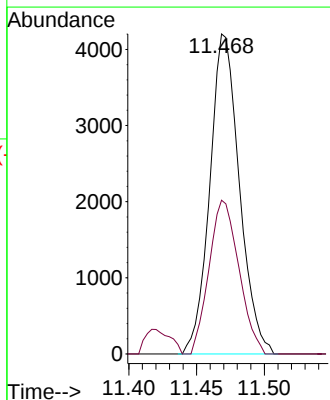
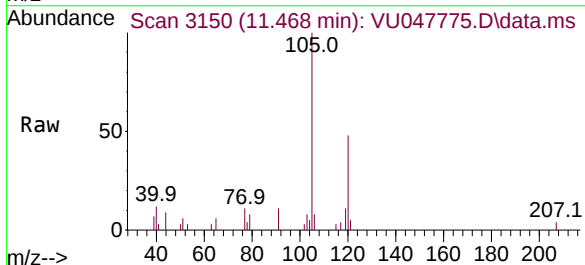
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

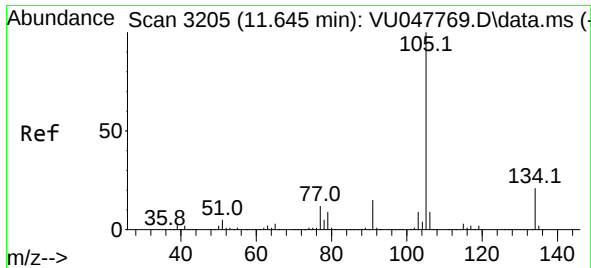
Tgt Ion:119 Resp: 7006
Ion Ratio Lower Upper
119 100
91 52.5 26.8 80.3
134 23.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.485 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:105 Resp: 6375
Ion Ratio Lower Upper
105 100
120 48.5 23.4 70.3

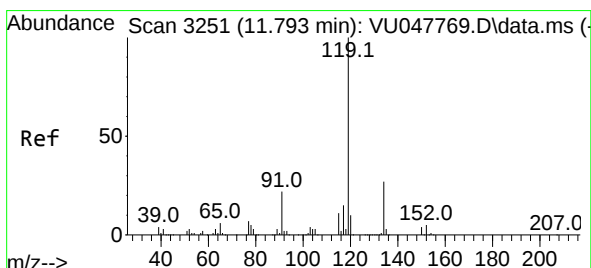
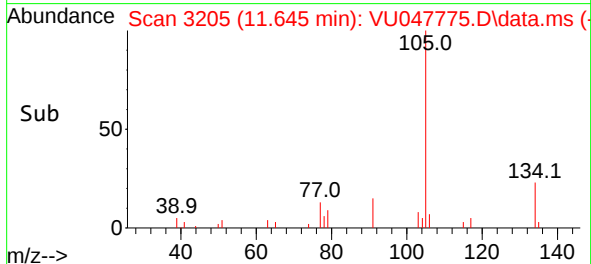
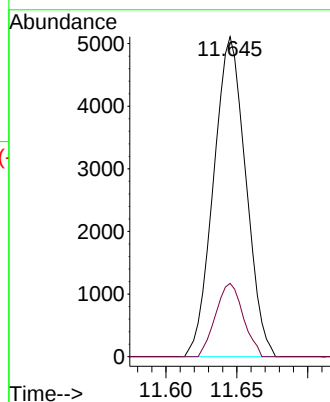
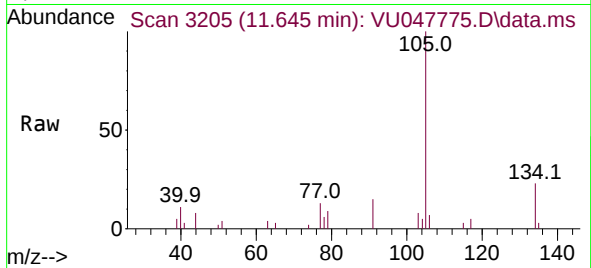




#85
 sec-Butylbenzene
 Concen: 0.487 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

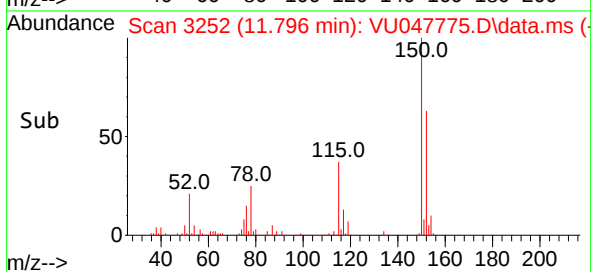
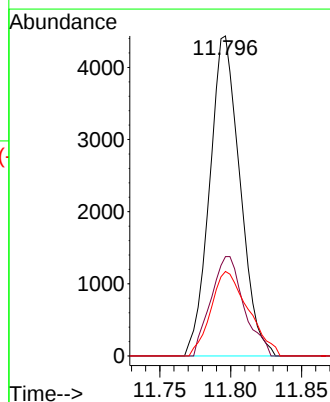
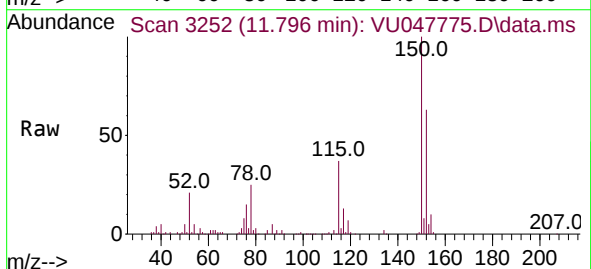
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 0.5ppb

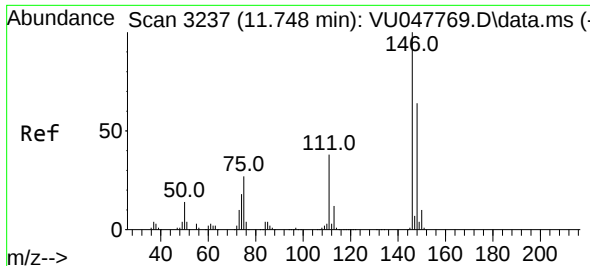
Tgt Ion:105 Resp: 8081
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.465 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU047775.D
 Acq: 31 Mar 2022 16:15

Tgt Ion:119 Resp: 6616
 Ion Ratio Lower Upper
 119 100
 134 33.9 13.5 40.4
 91 32.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 0.617 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

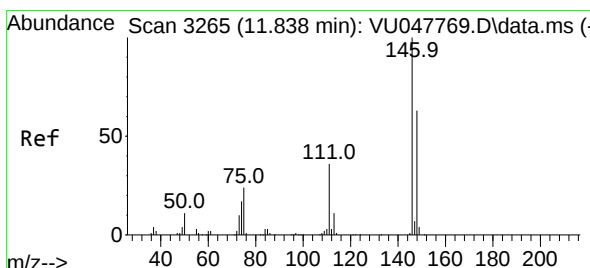
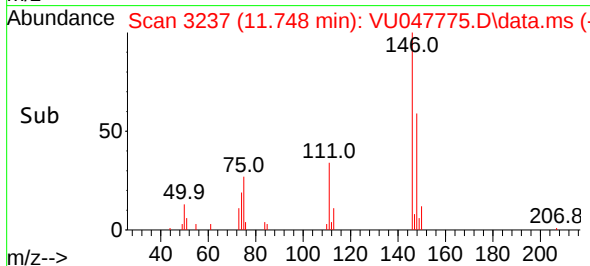
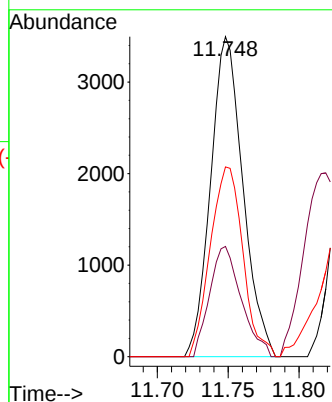
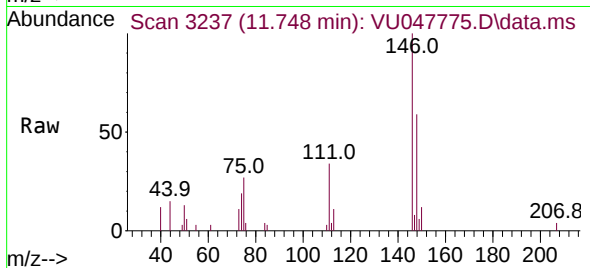
Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

Tgt Ion:146	Resp:	5540
Ion	Ratio	Lower Upper
146	100	
111	33.8	18.9 56.5
148	59.9	31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.603 ug/l

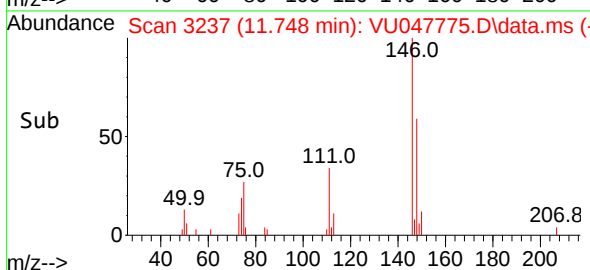
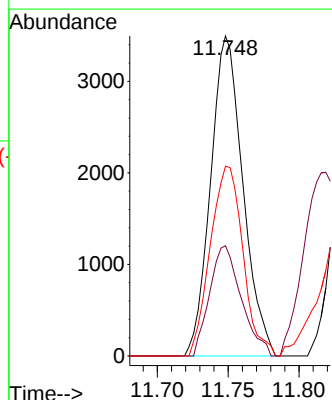
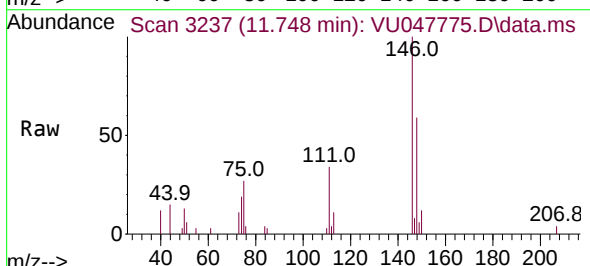
RT: 11.748 min Scan# 3237

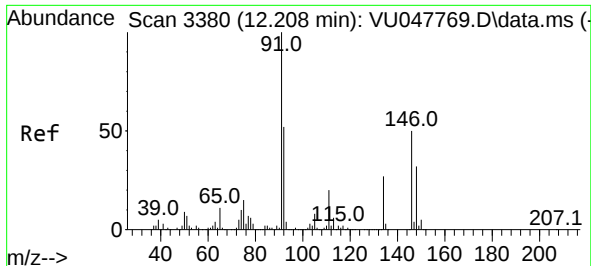
Delta R.T. -0.090 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Tgt Ion:146	Resp:	5540
Ion	Ratio	Lower Upper
146	100	
111	33.8	18.5 55.5
148	59.9	31.9 95.7





#89

n-Butylbenzene

Concen: 0.577 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

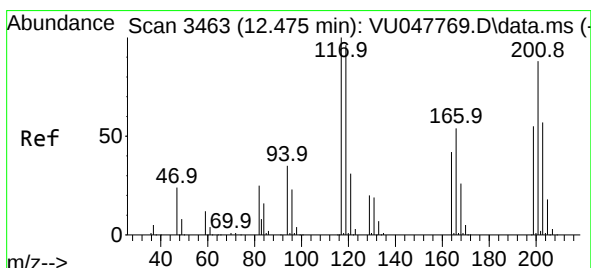
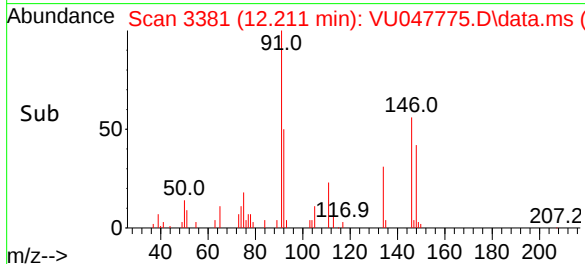
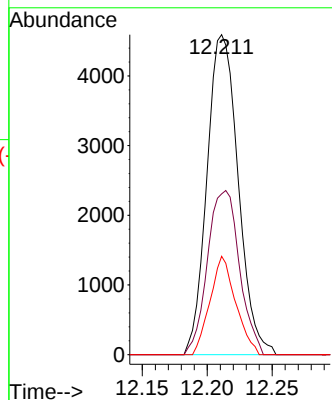
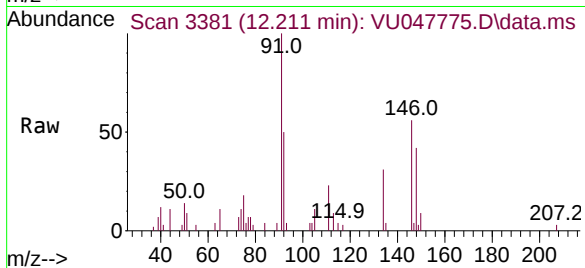
Tgt Ion: 91 Resp: 7672

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.6

134 25.3 13.5 40.4



#90

Hexachloroethane

Concen: 0.495 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.003 min

Lab File: VU047775.D

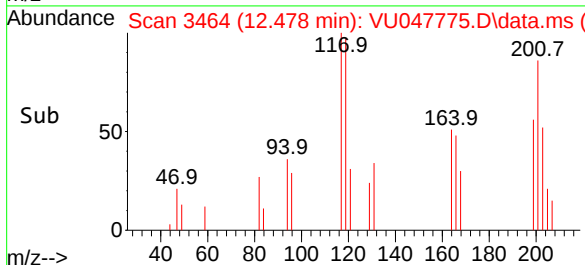
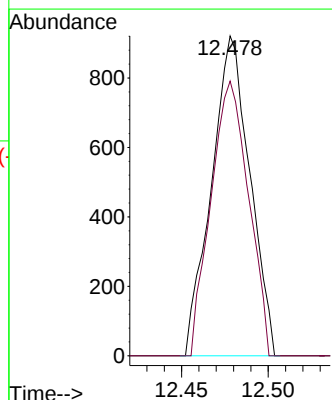
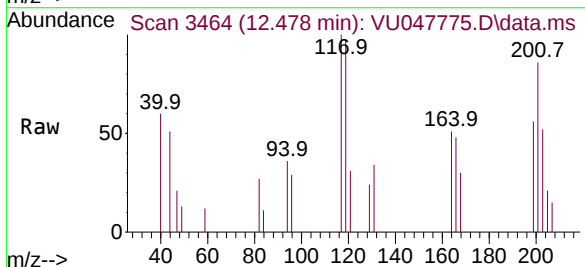
Acq: 31 Mar 2022 16:15

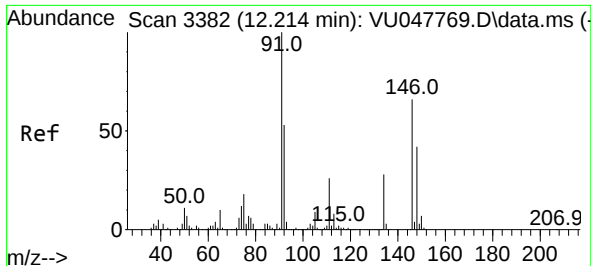
Tgt Ion: 117 Resp: 1424

Ion Ratio Lower Upper

117 100

201 83.8 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 0.569 ug/l

RT: 12.218 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

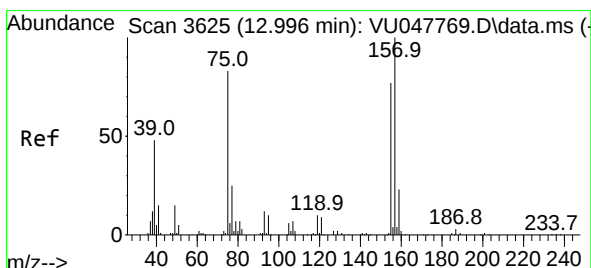
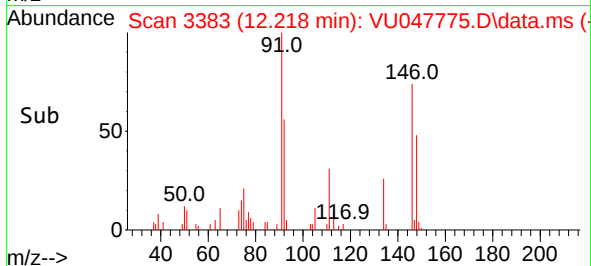
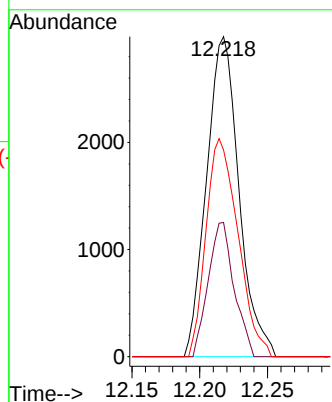
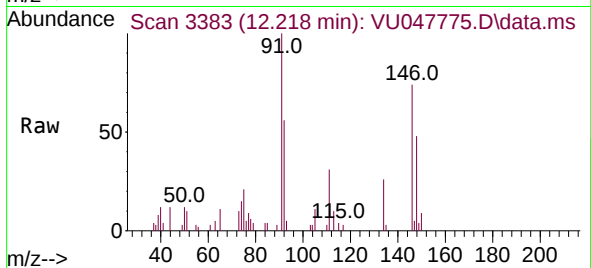
Tgt Ion:146 Resp: 4966

Ion Ratio Lower Upper

146 100

111 33.4 19.9 59.6

148 67.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.590 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

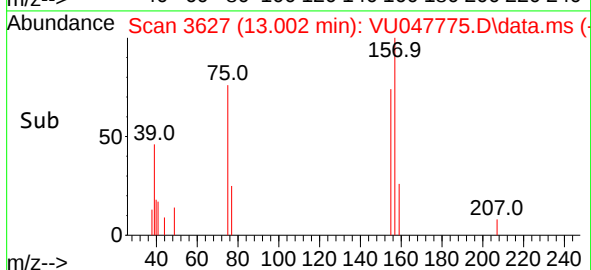
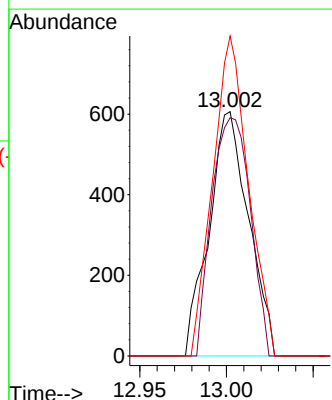
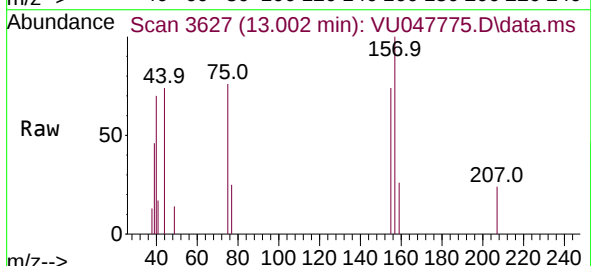
Tgt Ion: 75 Resp: 963

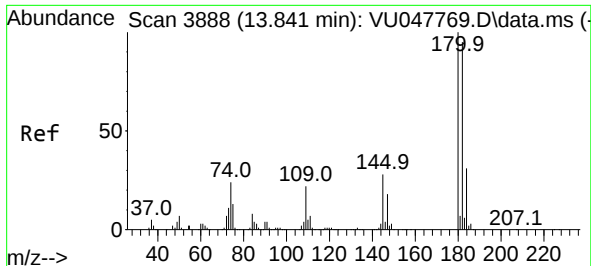
Ion Ratio Lower Upper

75 100

155 95.0 47.8 143.4

157 118.0 62.2 186.5

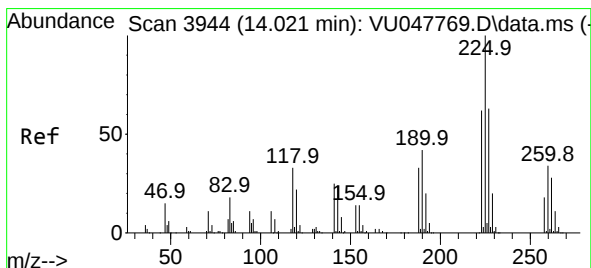
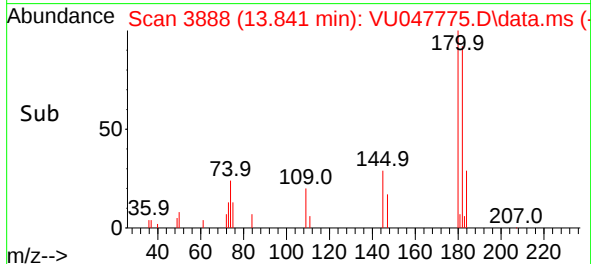
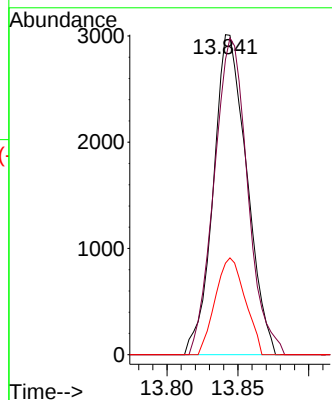
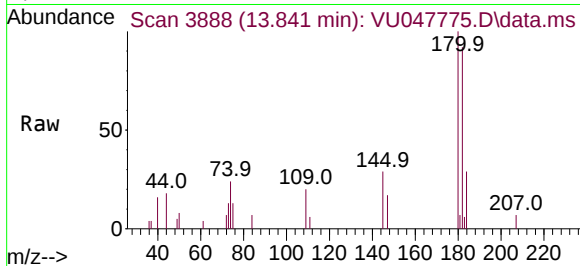




#93
1,2,4-Trichlorobenzene
Concen: 0.799 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

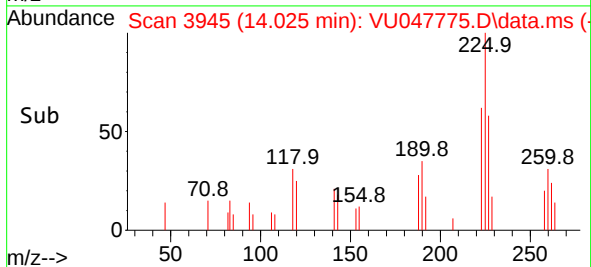
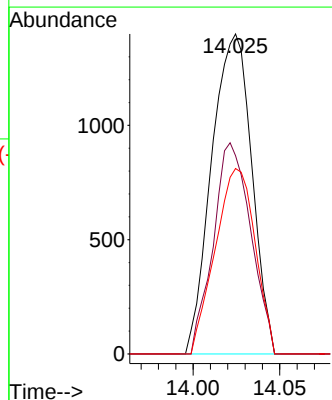
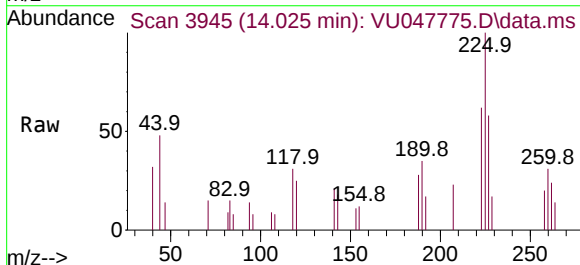
Instrument :
MSVOA_U
ClientSampleId :
MDL01 0.5ppb

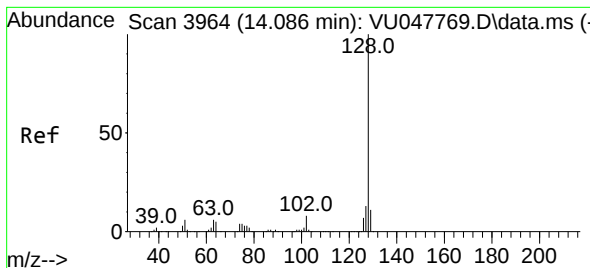
Tgt Ion:180 Resp: 4943
Ion Ratio Lower Upper
180 100
182 99.0 47.9 143.6
145 26.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 0.722 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047775.D
Acq: 31 Mar 2022 16:15

Tgt Ion:225 Resp: 2252
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.9
227 57.5 32.0 96.2





#95

Naphthalene

Concen: 0.864 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

MDL01 0.5ppb

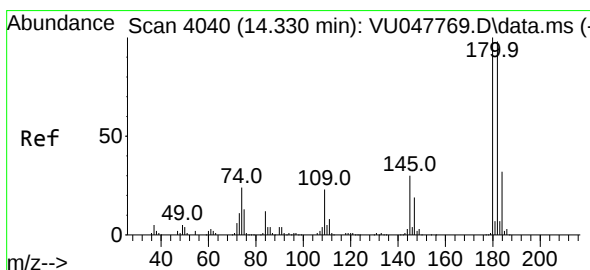
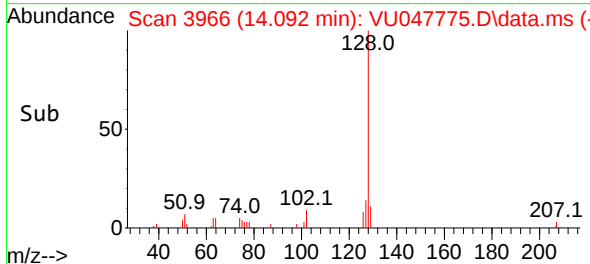
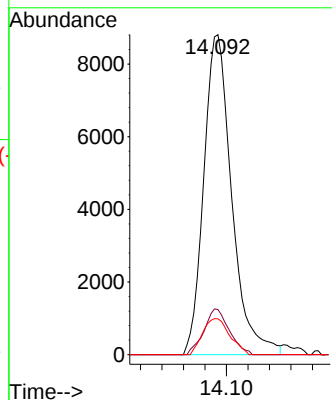
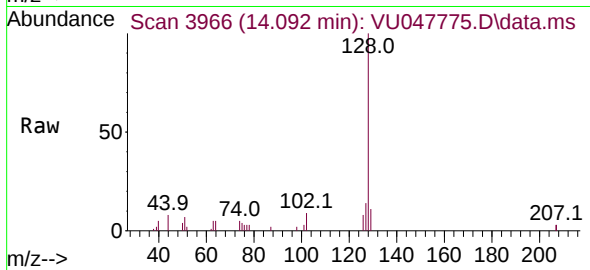
Tgt Ion:128 Resp: 15920

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.765 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU047775.D

Acq: 31 Mar 2022 16:15

Tgt Ion:180 Resp: 4613

Ion Ratio Lower Upper

180 100

182 96.2 48.4 145.0

145 31.6 14.8 44.4

