

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047776.D
 Acq On : 31 Mar 2022 16:38
 Operator : SY/MD
 Sample : MDL02 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

Quant Time: Apr 01 02:44:49 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	5.375	168	308772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	470621	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	458088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	248699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	189111	57.089	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.180%	
35) Dibromofluoromethane	5.292	113	168745	53.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.940%	
50) Toluene-d8	7.899	98	588869	51.789	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	10.632	95	214508	48.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1824	0.528	ug/l	99
3) Chloromethane	1.523	50	2374	0.616	ug/l	91
4) Vinyl Chloride	1.607	62	2010	0.556	ug/l #	83
5) Bromomethane	1.861	94	1577	0.662	ug/l	89
6) Chloroethane	1.938	64	1707	0.721	ug/l #	85
7) Trichlorofluoromethane	2.144	101	2924	0.578	ug/l	95
8) Diethyl Ether	2.379	74	1239	0.639	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.584	101	1850	0.611	ug/l	92
10) Methyl Iodide	2.729	142	1379	0.473	ug/l #	78
11) Tert butyl alcohol	3.253	59	827	0.891	ug/l #	37
12) 1,1-Dichloroethene	2.588	96	1847	0.625	ug/l	98
13) Acrolein	2.494	56	1668	3.568	ug/l	90
14) Allyl chloride	2.932	41	2098	0.500	ug/l #	85
15) Acrylonitrile	3.343	53	6360	2.856	ug/l #	85
16) Acetone	2.658	43	7604	3.148	ug/l	94
17) Carbon Disulfide	2.800	76	6473	0.744	ug/l #	92
18) Methyl Acetate	2.964	43	2804	0.620	ug/l	95
19) Methyl tert-butyl Ether	3.366	73	5682	0.610	ug/l	92
20) Methylene Chloride	3.051	84	2654	0.740	ug/l	93
21) trans-1,2-Dichloroethene	3.359	96	1870	0.581	ug/l	92
22) Diisopropyl ether	3.993	45	4812	0.576	ug/l #	51
23) Vinyl Acetate	3.967	43	18623	2.459	ug/l	98
24) 1,1-Dichloroethane	3.880	63	3264	0.594	ug/l #	82
25) 2-Butanone	4.735	43	7876	2.590	ug/l	97
26) 2,2-Dichloropropane	4.671	77	2921	0.600	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	2406	0.658	ug/l	89
28) Bromochloromethane	4.983	49	955	0.486	ug/l #	98
29) Tetrahydrofuran	5.079	42	5191	2.758	ug/l	98
30) Chloroform	5.089	83	3670	0.620	ug/l	98
31) Cyclohexane	5.382	56	8231	1.666	ug/l #	27
32) 1,1,1-Trichloroethane	5.321	97	3107	0.609	ug/l #	50
36) 1,1-Dichloropropene	5.530	75	2781	0.624	ug/l	95
37) Ethyl Acetate	4.813	43	2863	0.477	ug/l #	76
38) Carbon Tetrachloride	5.530	117	2811	0.592	ug/l	97
39) Methylcyclohexane	6.764	83	3259	0.598	ug/l	92
40) Benzene	5.777	78	8027	0.606	ug/l	99

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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	4.993	41	1382	0.510	ug/l #	87
42) 1,2-Dichloroethane	5.796	62	3200	0.694	ug/l	96
43) Isopropyl Acetate	5.919	43	4295	0.570	ug/l #	89
44) Trichloroethene	6.542	130	2329	0.607	ug/l	91
45) 1,2-Dichloropropane	6.793	63	1907	0.572	ug/l	91
46) Dibromomethane	6.919	93	1545	0.587	ug/l	98
47) Bromodichloromethane	7.108	83	2970	0.613	ug/l	95
48) Methyl methacrylate	6.970	41	1786	0.518	ug/l	96
49) 1,4-Dioxane	7.054	88	469	4.453	ug/l #	58
51) 4-Methyl-2-Pentanone	7.796	43	15912	2.887	ug/l	99
52) Toluene	7.970	92	4796	0.566	ug/l	92
53) t-1,3-Dichloropropene	8.218	75	2995	0.554	ug/l #	56
54) cis-1,3-Dichloropropene	7.607	75	2659	0.479	ug/l #	84
55) 1,1,2-Trichloroethane	8.401	97	2159	0.596	ug/l	94
56) Ethyl methacrylate	8.340	69	2714	0.522	ug/l	95
57) 1,3-Dichloropropane	8.574	76	3498	0.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	569	1.534	ug/l #	86
59) 2-Hexanone	8.693	43	13307	2.944	ug/l	96
60) Dibromochloromethane	8.812	129	2265	0.544	ug/l	100
61) 1,2-Dibromoethane	8.925	107	2445	0.594	ug/l	89
64) Tetrachloroethene	8.555	164	2140	0.632	ug/l	92
65) Chlorobenzene	9.446	112	5759	0.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	1972	0.548	ug/l #	56
67) Ethyl Benzene	9.571	91	9139	0.571	ug/l	99
68) m/p-Xylenes	9.693	106	6757	1.074	ug/l	96
69) o-Xylene	10.102	106	3341	0.555	ug/l	96
70) Styrene	10.115	104	4751	0.475	ug/l	94
71) Bromoform	10.295	173	1965	0.534	ug/l #	99
73) Isopropylbenzene	10.484	105	7798	0.536	ug/l	100
74) N-amyl acetate	10.327	43	3190	0.555	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.783	83	3670	0.604	ug/l	95
76) 1,2,3-Trichloropropane	10.828	75	4321	0.621	ug/l #	43
77) Bromobenzene	10.780	156	3072	0.735	ug/l	90
78) n-propylbenzene	10.906	91	10225	0.588	ug/l	98
79) 2-Chlorotoluene	10.989	91	6361	0.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	6645	0.542	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.632	75	105675	54.028	ug/l #	15
82) 4-Chlorotoluene	11.098	91	7176	0.592	ug/l	98
83) tert-Butylbenzene	11.420	119	6855	0.544	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	6737	0.553	ug/l	98
85) sec-Butylbenzene	11.645	105	8311	0.540	ug/l	97
86) p-Isopropyltoluene	11.793	119	6808	0.516	ug/l	86
87) 1,3-Dichlorobenzene	11.745	146	5495	0.660	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	5689	0.667	ug/l	80
89) n-Butylbenzene	12.211	91	7100	0.576	ug/l	93
90) Hexachloroethane	12.478	117	1410	0.528	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	5561	0.688	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	920	0.608	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	4263	0.743	ug/l	91
94) Hexachlorobutadiene	14.024	225	1922	0.664	ug/l	92
95) Naphthalene	14.092	128	13754	0.805	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	4269	0.763	ug/l	96

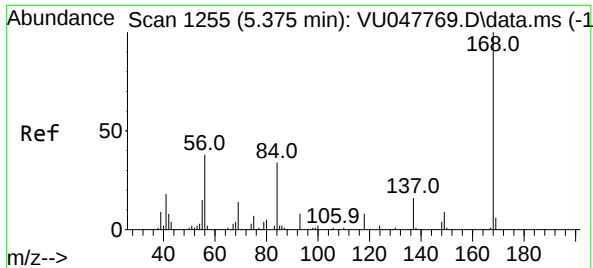
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Instrument :
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ClientSampleId :
MDL02 0.5ppb

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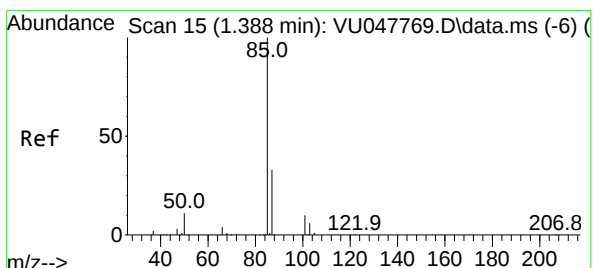
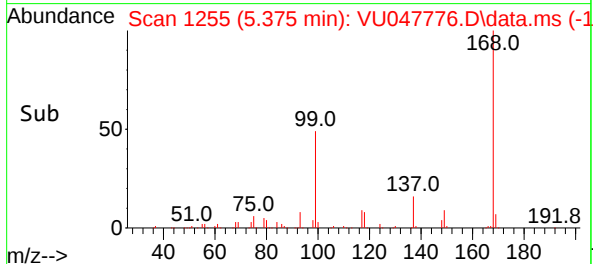
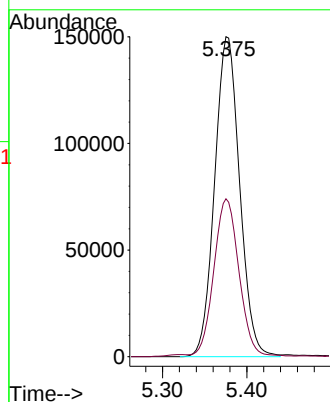
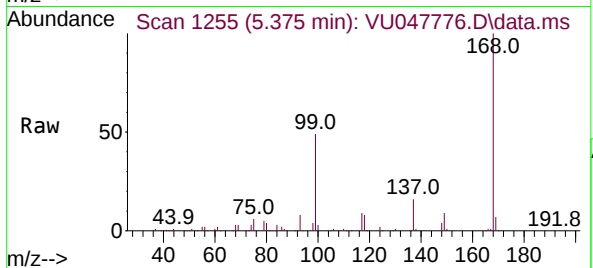
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047776.D
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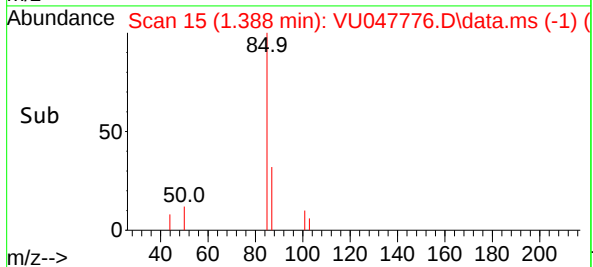
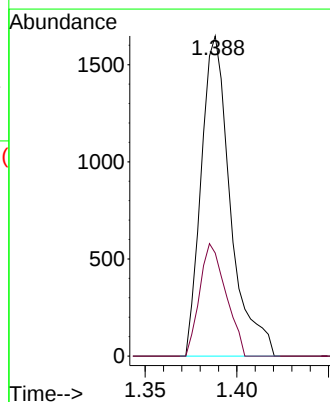
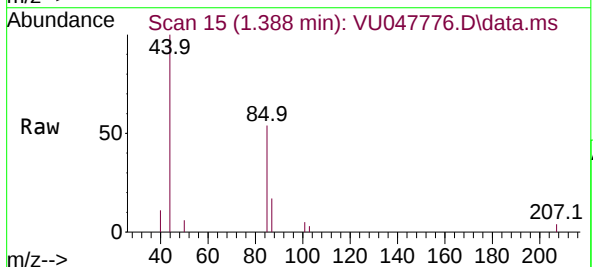
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MDL02 0.5ppb

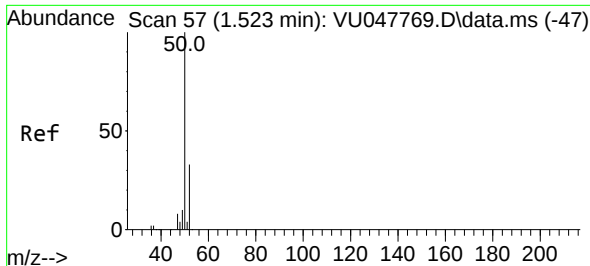
Tgt Ion:168 Resp: 308772
Ion Ratio Lower Upper
168 100
99 49.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.528 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 85 Resp: 1824
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

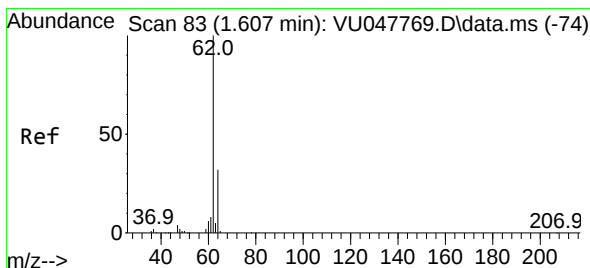
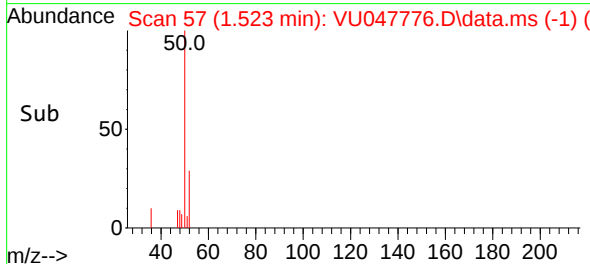
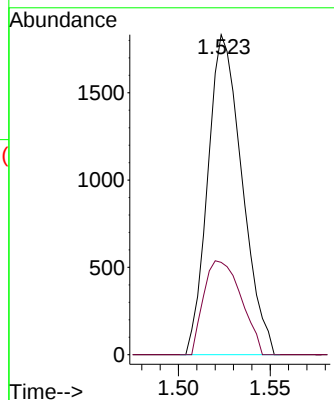
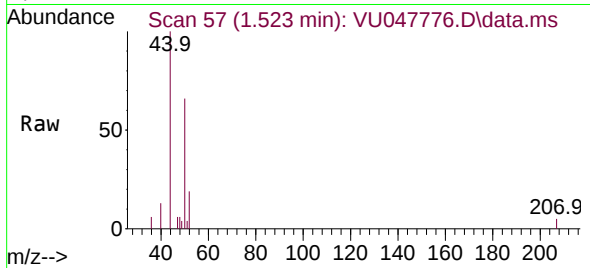




#3
Chloromethane
Concen: 0.616 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

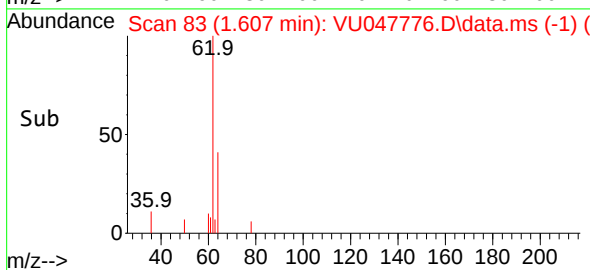
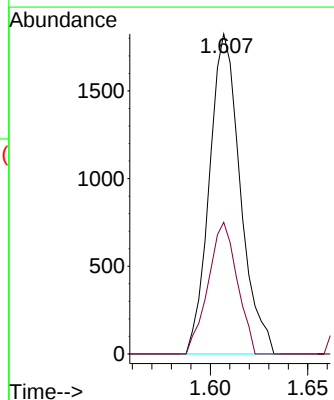
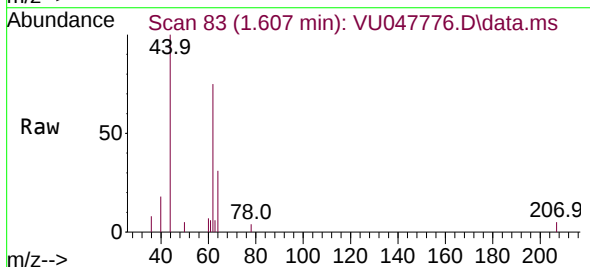
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

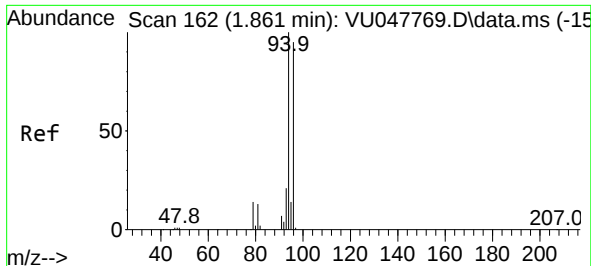
Tgt Ion: 50 Resp: 2374
Ion Ratio Lower Upper
50 100
52 28.9 27.4 41.2



#4
Vinyl Chloride
Concen: 0.556 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 62 Resp: 2010
Ion Ratio Lower Upper
62 100
64 41.2 25.3 37.9#

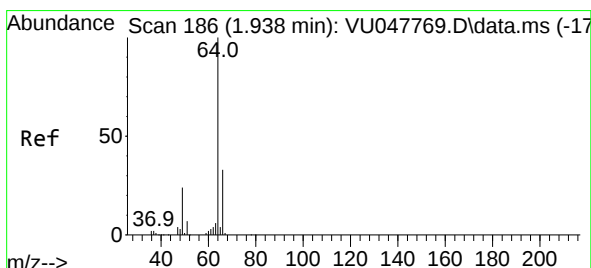
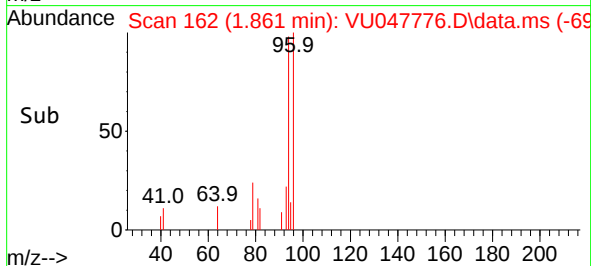
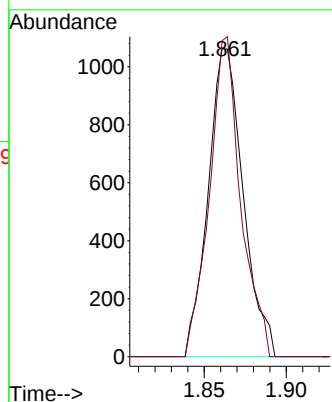
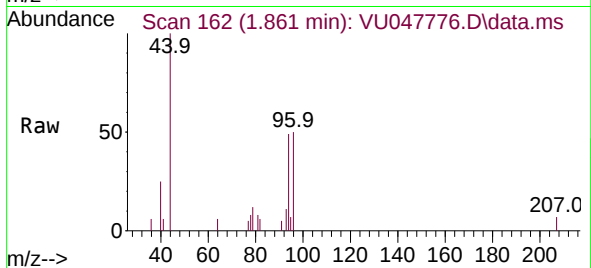




#5
Bromomethane
Concen: 0.662 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

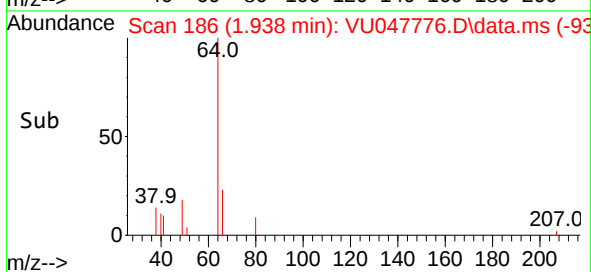
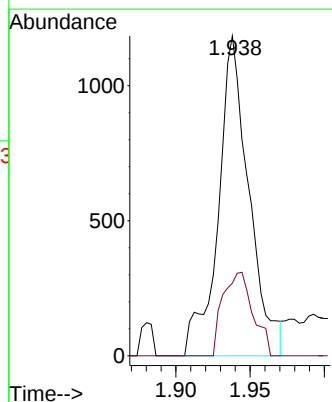
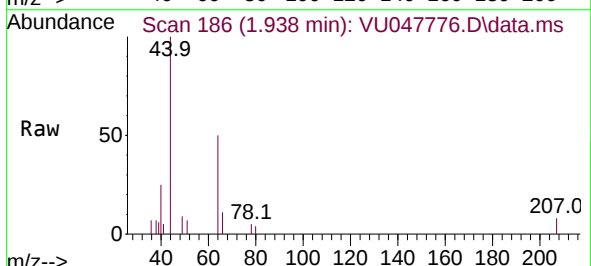
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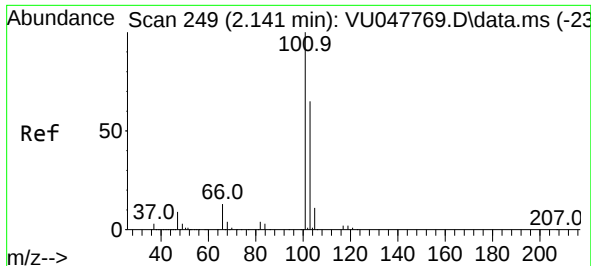
Tgt Ion: 94 Resp: 1577
Ion Ratio Lower Upper
94 100
96 102.5 73.7 110.5



#6
Chloroethane
Concen: 0.721 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 64 Resp: 1707
Ion Ratio Lower Upper
64 100
66 22.7 24.7 37.1#

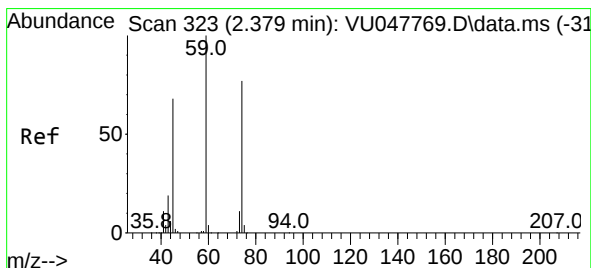
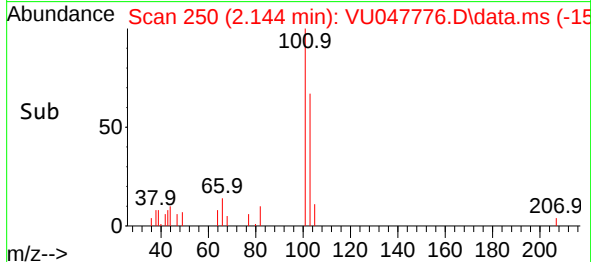
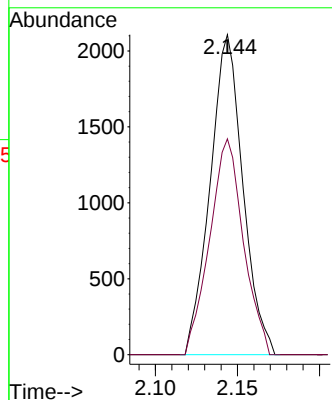
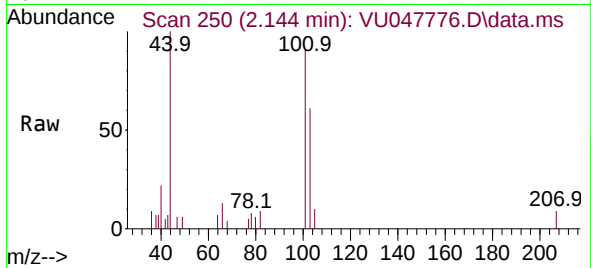




#7
Trichlorofluoromethane
Concen: 0.578 ug/l
RT: 2.144 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

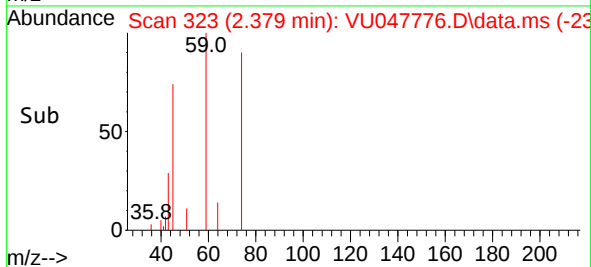
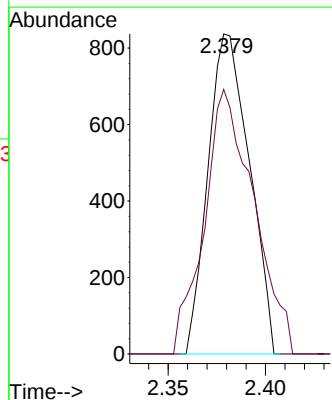
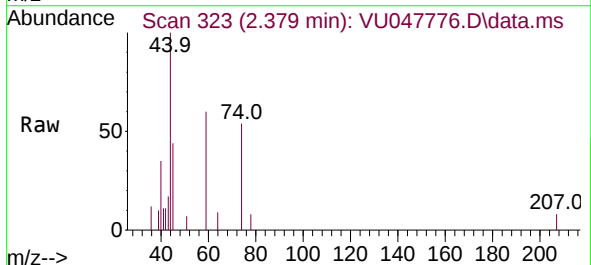
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

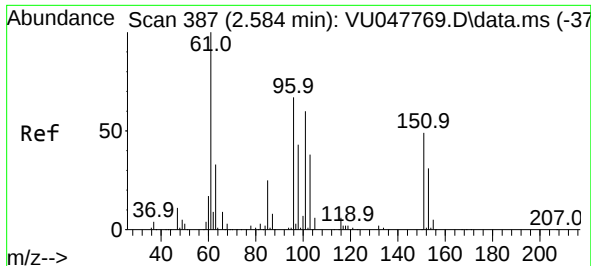
Tgt Ion:101 Resp: 2924
Ion Ratio Lower Upper
101 100
103 67.4 50.6 75.8



#8
Diethyl Ether
Concen: 0.639 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 74 Resp: 1239
Ion Ratio Lower Upper
74 100
45 98.8 44.4 133.2

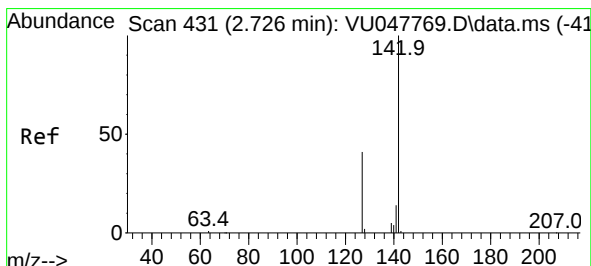
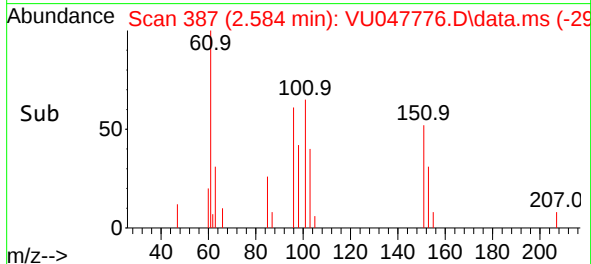
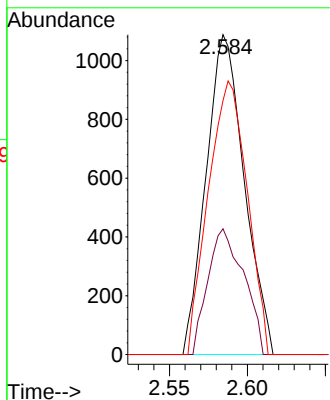
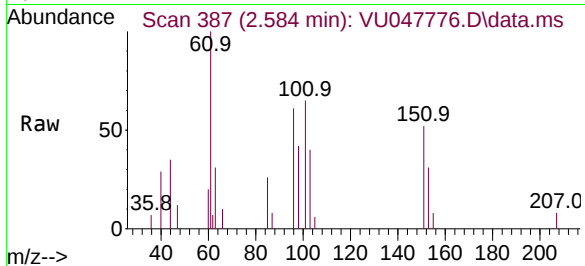




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.611 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047776.D
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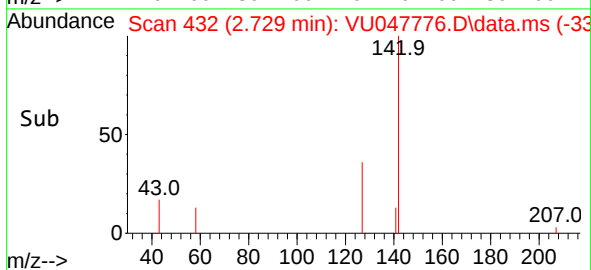
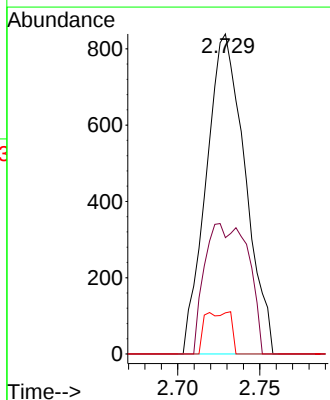
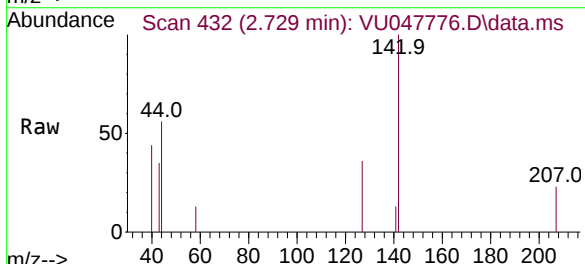
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

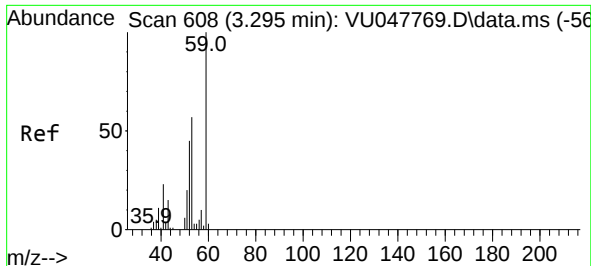
Tgt Ion:101 Resp: 1850
Ion Ratio Lower Upper
101 100
85 37.1 33.9 50.9
151 87.1 64.0 96.0



#10
Methyl Iodide
Concen: 0.473 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:142 Resp: 1379
Ion Ratio Lower Upper
142 100
127 27.6 32.5 48.7#
141 4.4 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.891 ug/l

RT: 3.253 min Scan# 51

Delta R.T. -0.042 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

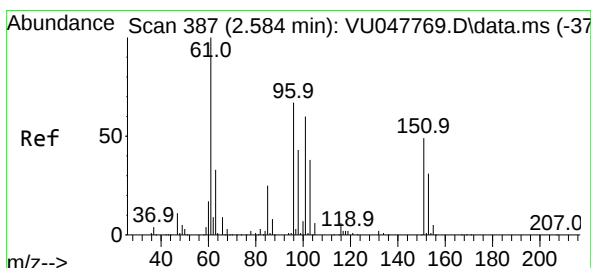
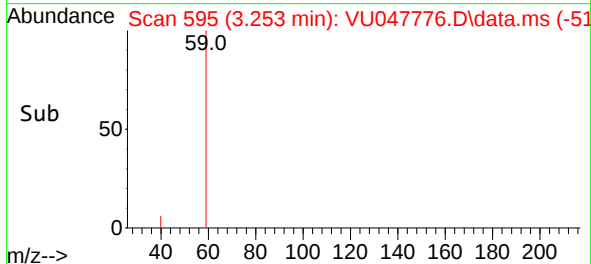
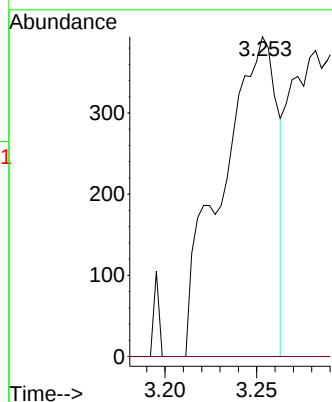
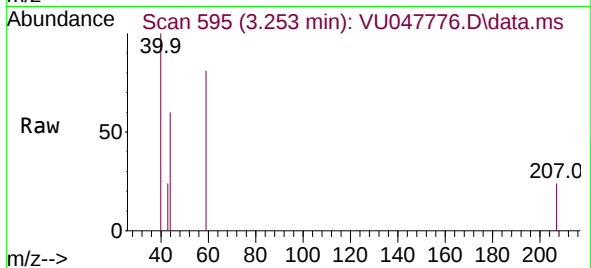
MDL02 0.5ppb

Tgt Ion: 59 Resp: 827

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 0.625 ug/l

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

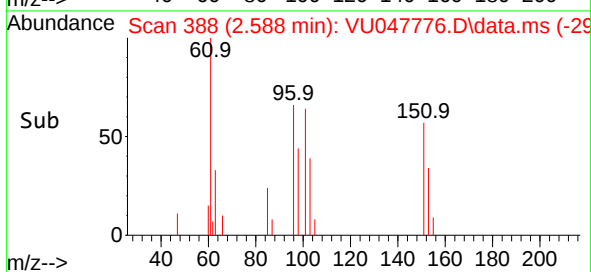
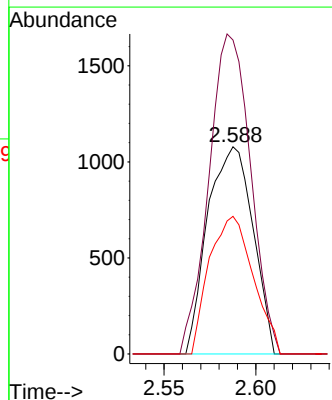
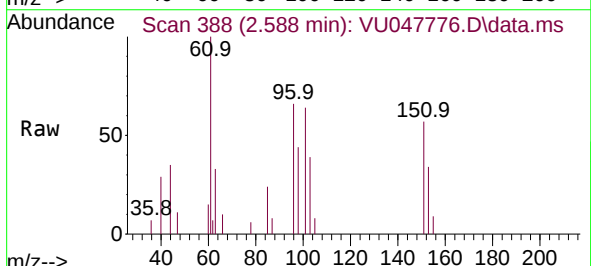
Tgt Ion: 96 Resp: 1847

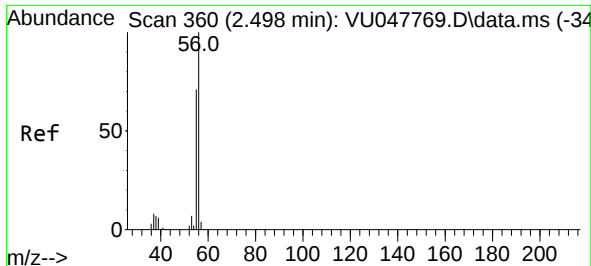
Ion Ratio Lower Upper

96 100

61 151.4 122.2 183.2

98 66.4 50.7 76.1





#13

Acrolein

Concen: 3.568 ug/l

RT: 2.494 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

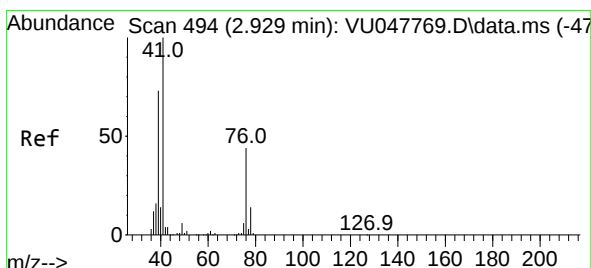
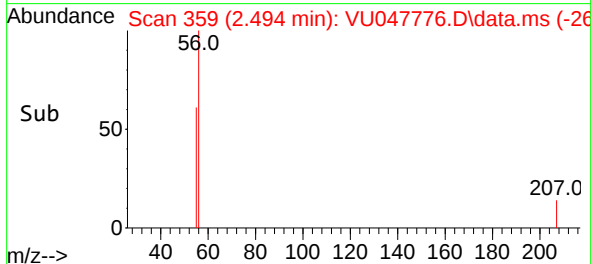
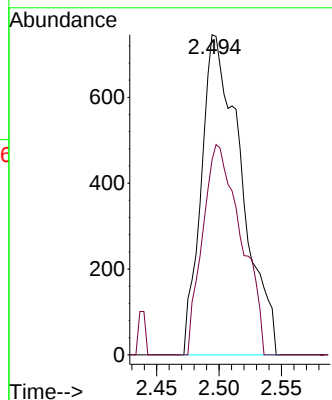
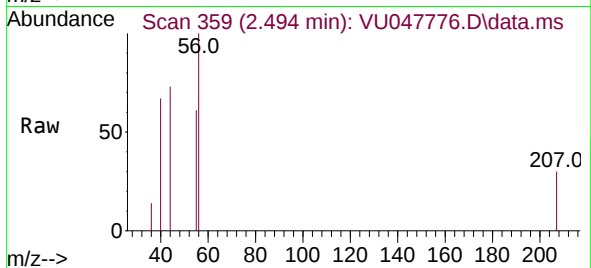
MDL02 0.5ppb

Tgt Ion: 56 Resp: 1668

Ion Ratio Lower Upper

56 100

55 62.9 56.6 85.0



#14

Allyl chloride

Concen: 0.500 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

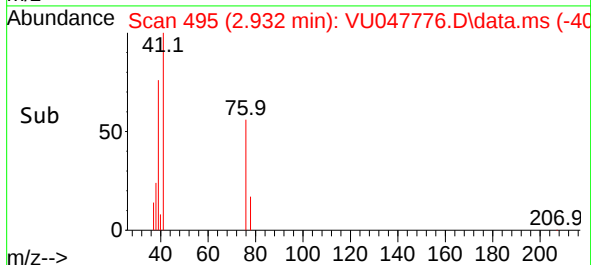
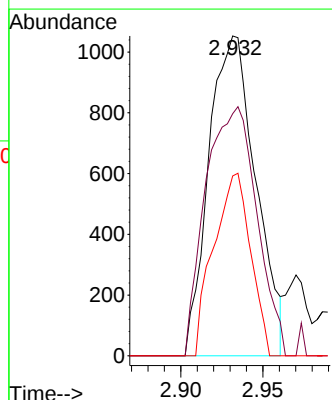
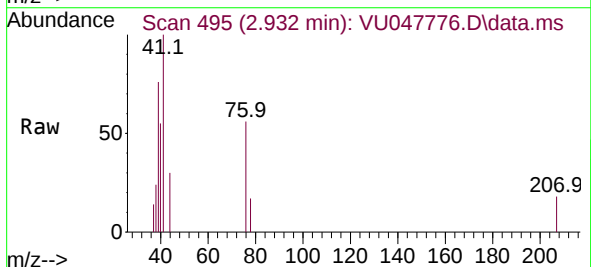
Tgt Ion: 41 Resp: 2098

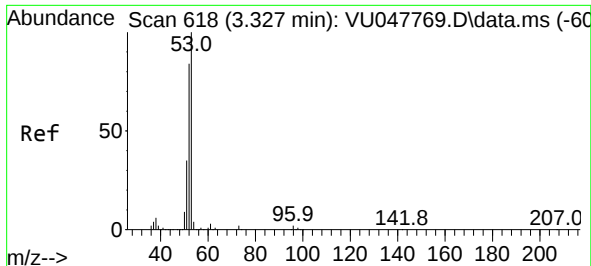
Ion Ratio Lower Upper

41 100

39 84.8 53.4 80.2#

76 44.7 33.8 50.6

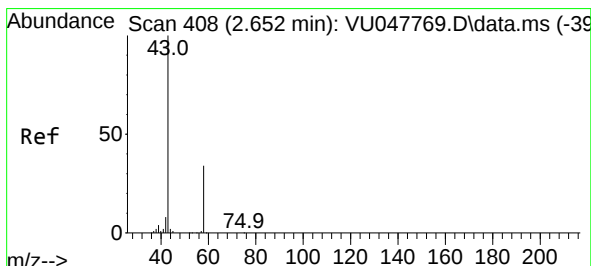
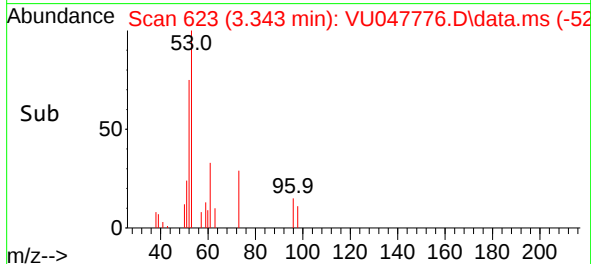
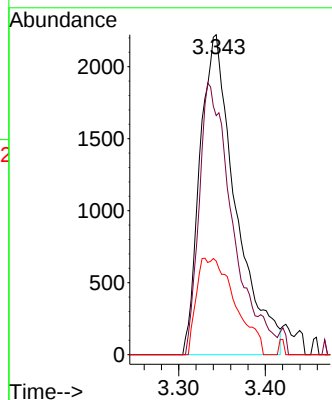
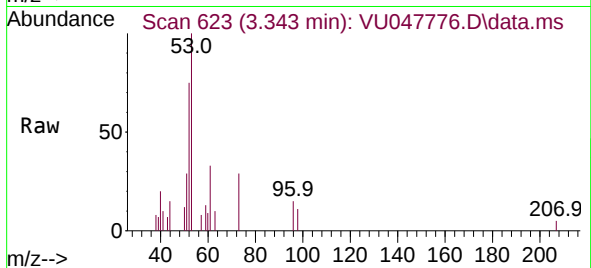




#15
Acrylonitrile
Concen: 2.856 ug/l
RT: 3.343 min Scan# 618
Delta R.T. 0.016 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

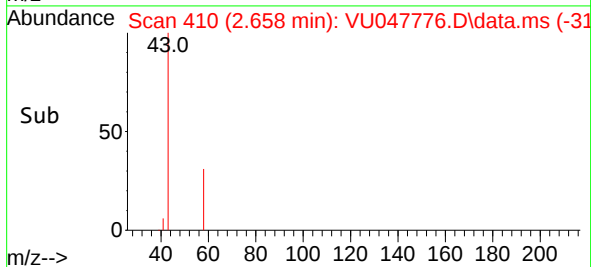
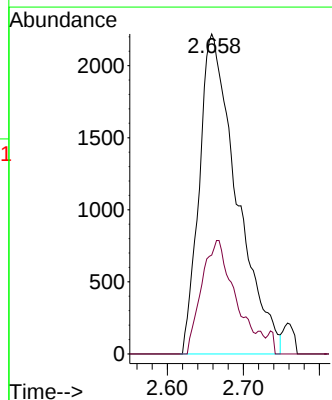
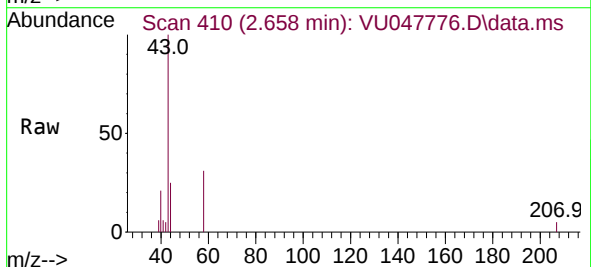
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

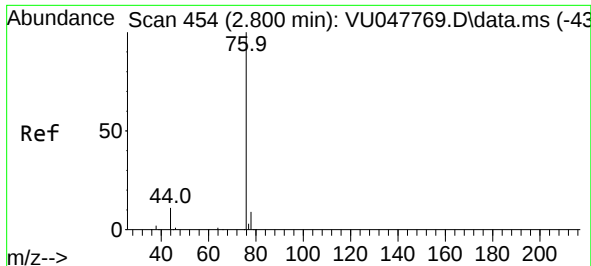
Tgt Ion: 53 Resp: 6360
Ion Ratio Lower Upper
53 100
52 79.8 65.7 98.5
51 10.5 28.2 42.4#



#16
Acetone
Concen: 3.148 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 43 Resp: 7604
Ion Ratio Lower Upper
43 100
58 30.9 27.5 41.3

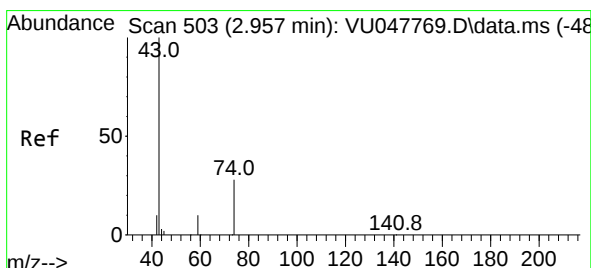
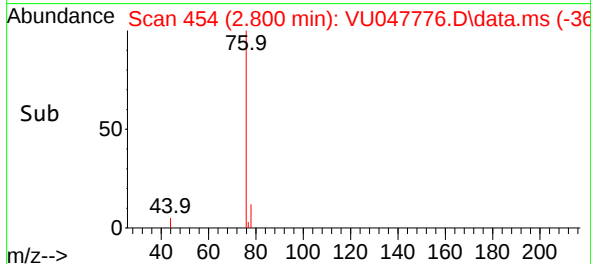
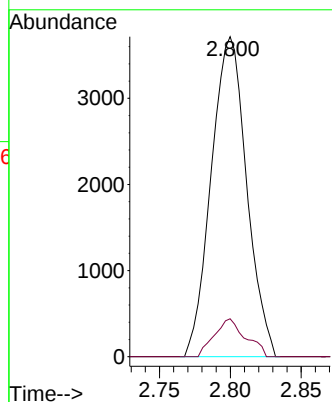
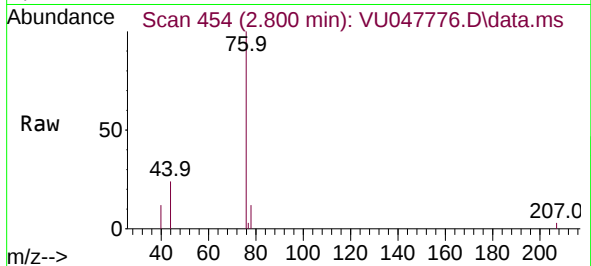




#17
Carbon Disulfide
Concen: 0.744 ug/l
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

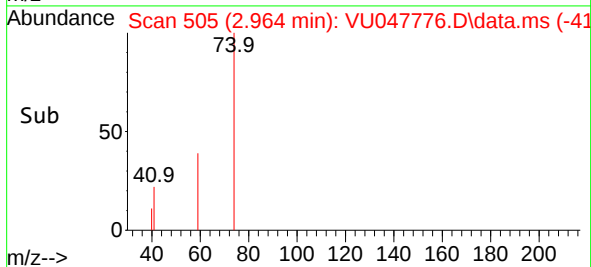
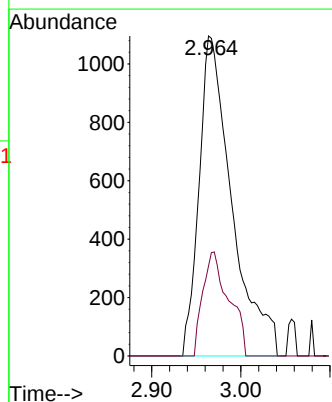
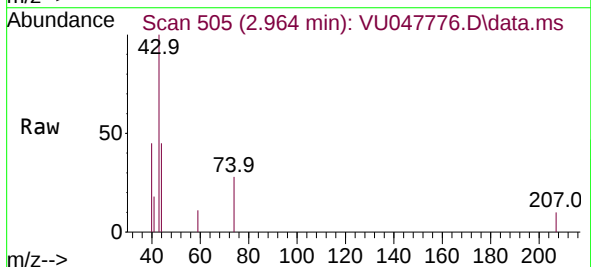
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

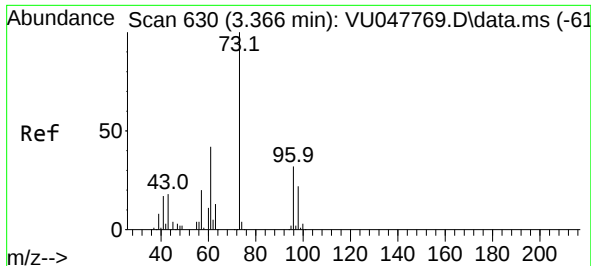
Tgt Ion: 76 Resp: 6473
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9#



#18
Methyl Acetate
Concen: 0.620 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
74 25.7 22.5 33.7

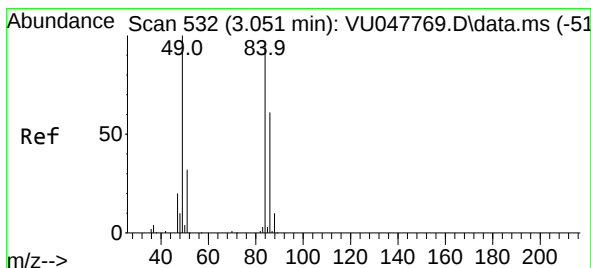
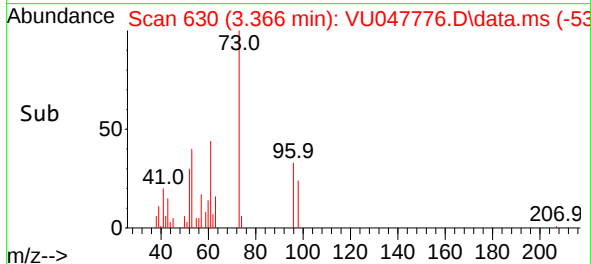
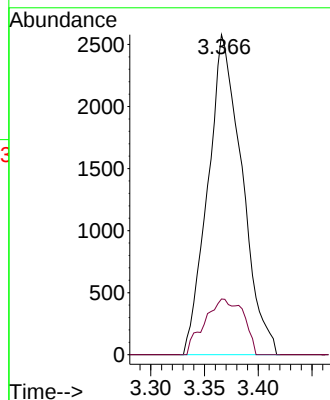
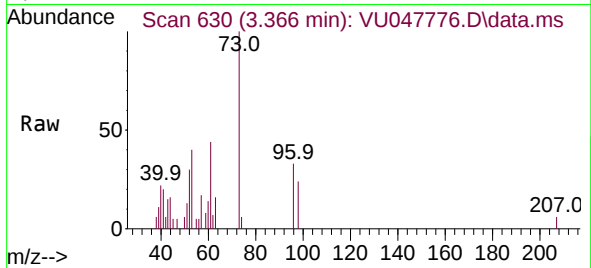




#19
Methyl tert-butyl Ether
Concen: 0.610 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

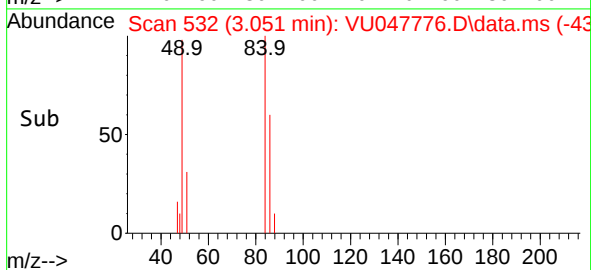
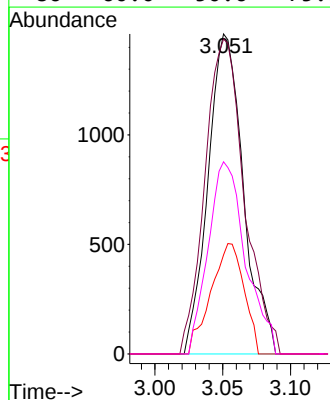
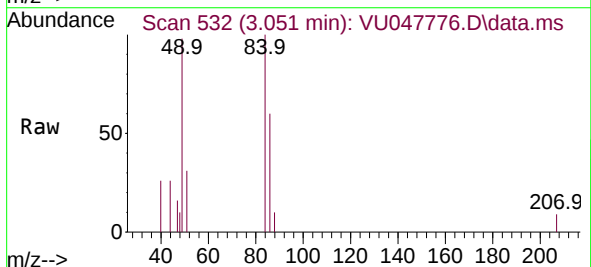
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

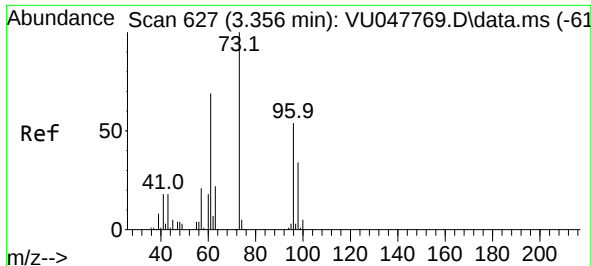
Tgt Ion: 73 Resp: 5682
Ion Ratio Lower Upper
73 100
57 17.4 17.1 25.7



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 84 Resp: 2654
Ion Ratio Lower Upper
84 100
49 98.4 86.6 129.8
51 30.9 26.6 40.0
86 60.0 50.6 75.8

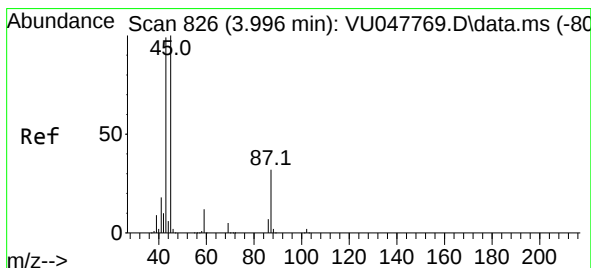
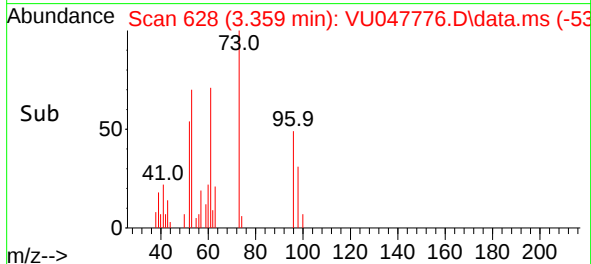
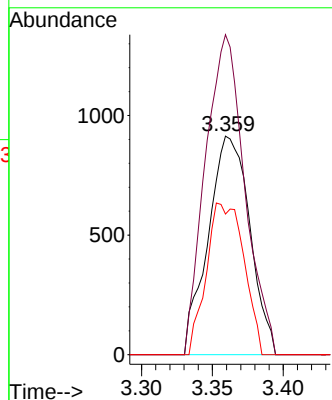
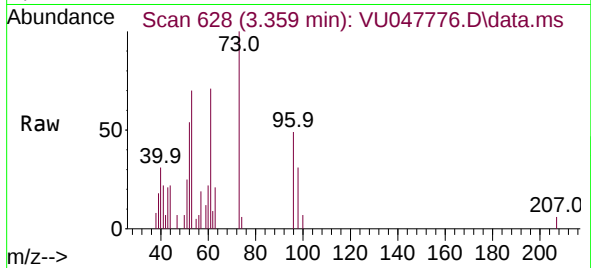




#21
trans-1,2-Dichloroethene
Concen: 0.581 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

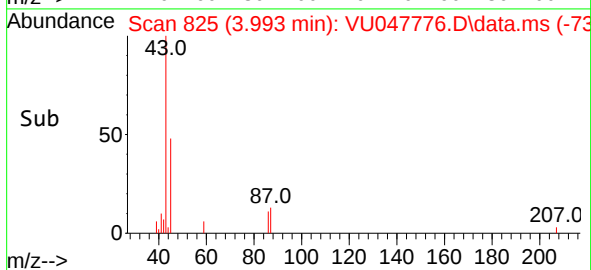
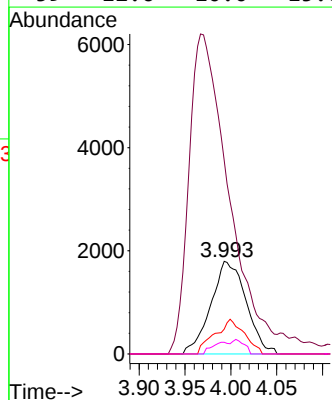
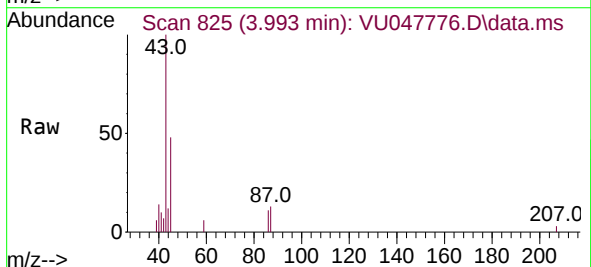
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

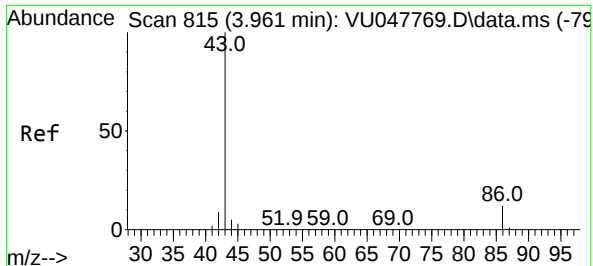
Tgt Ion: 96 Resp: 1870
Ion Ratio Lower Upper
96 100
61 146.4 106.1 159.1
98 64.3 50.8 76.2



#22
Diisopropyl ether
Concen: 0.576 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 45 Resp: 4812
Ion Ratio Lower Upper
45 100
43 186.3 92.9 139.3#
87 26.7 26.2 39.2
59 12.6 10.0 15.0

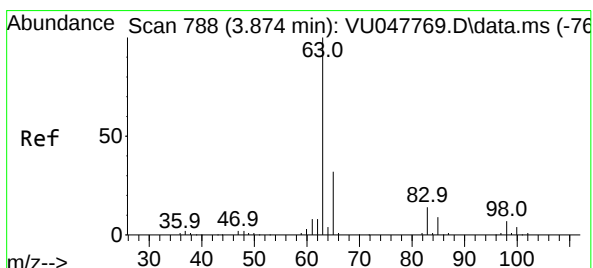
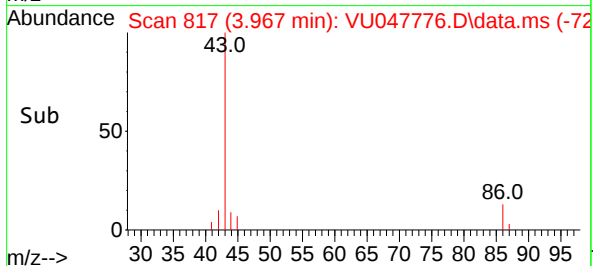
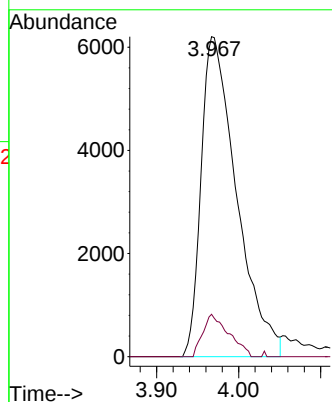
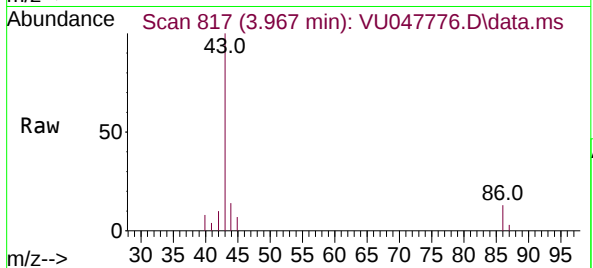




#23
 Vinyl Acetate
 Concen: 2.459 ug/l
 RT: 3.967 min Scan# 815
 Delta R.T. 0.006 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

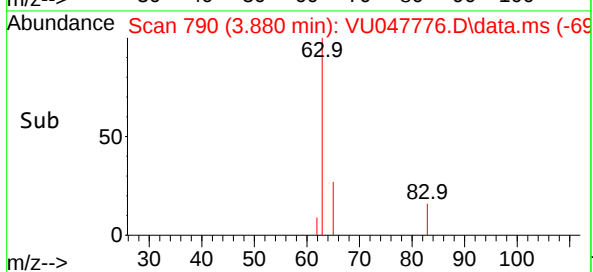
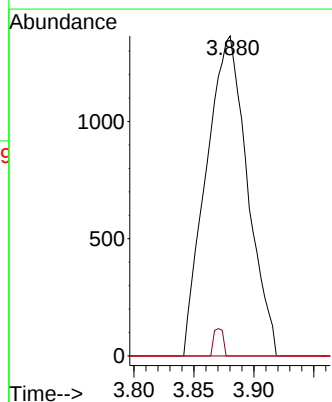
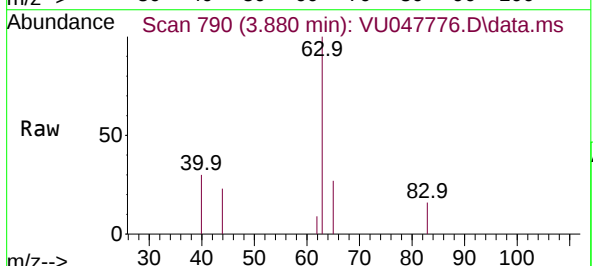
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

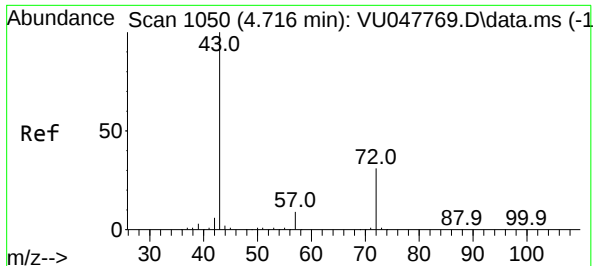
Tgt Ion: 43 Resp: 18623
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 0.594 ug/l
 RT: 3.880 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

Tgt Ion: 63 Resp: 3264
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 2.590 ug/l

RT: 4.735 min Scan# 1056

Delta R.T. 0.019 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

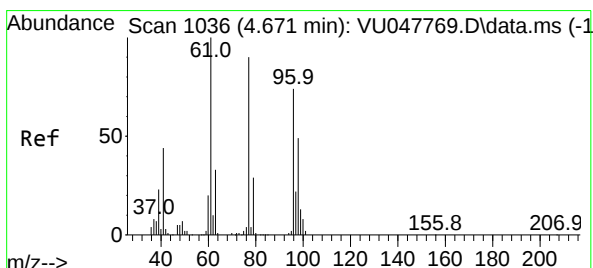
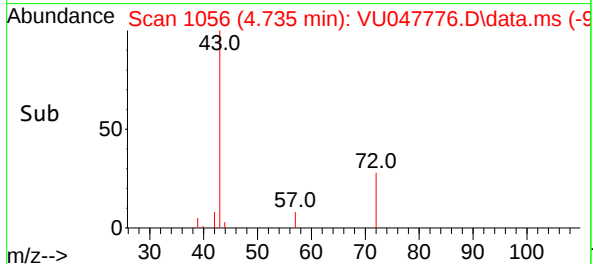
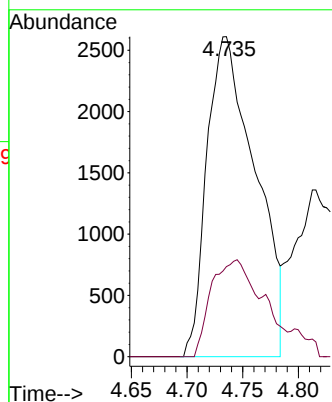
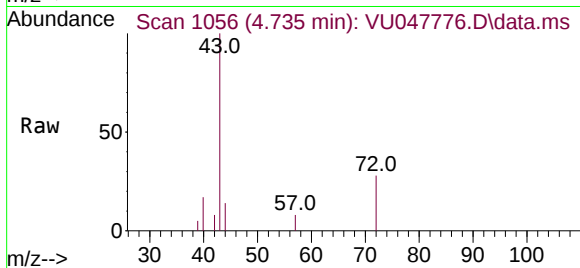
MDL02 0.5ppb

Tgt Ion: 43 Resp: 7876

Ion Ratio Lower Upper

43 100

72 28.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 0.600 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047776.D

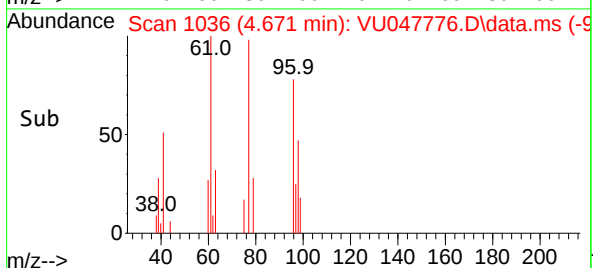
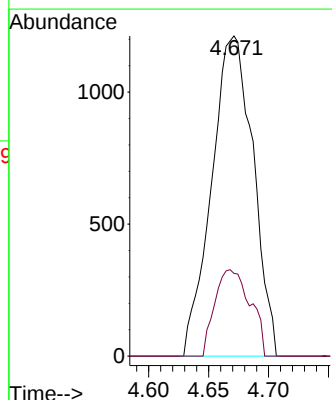
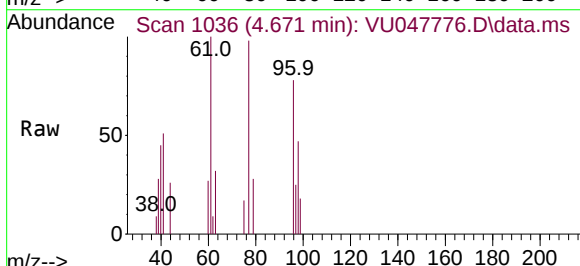
Acq: 31 Mar 2022 16:38

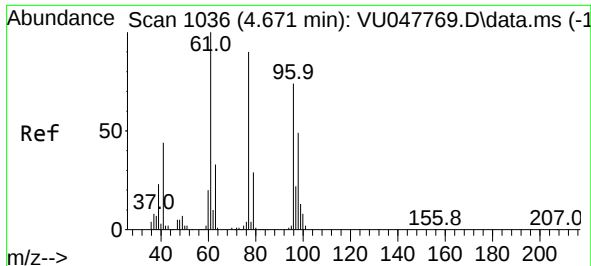
Tgt Ion: 77 Resp: 2921

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.8

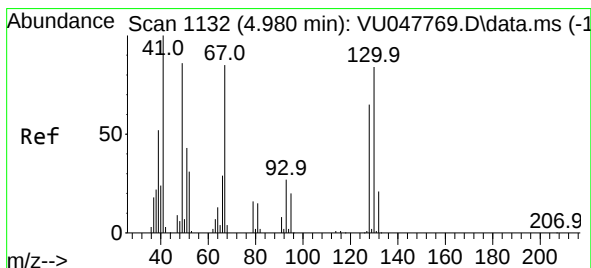
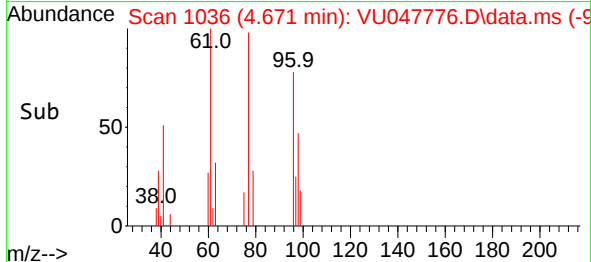
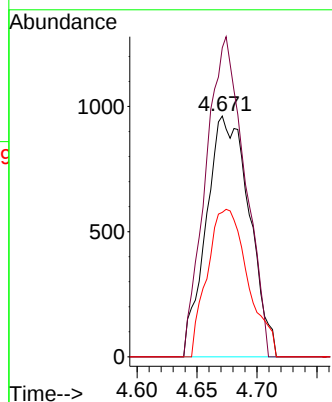
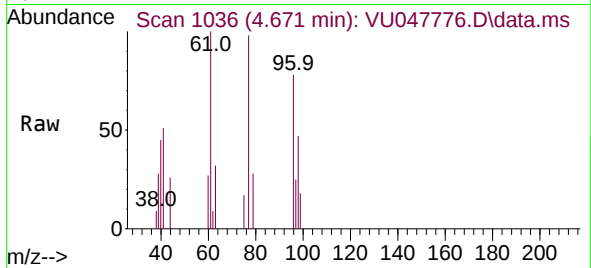




#27
 cis-1,2-Dichloroethene
 Concen: 0.658 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

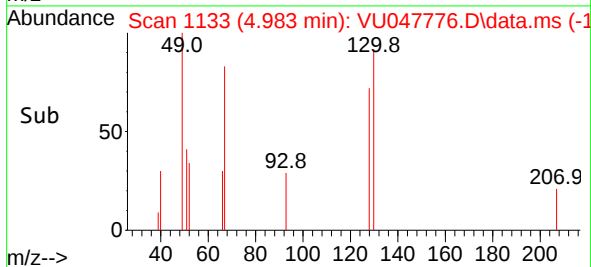
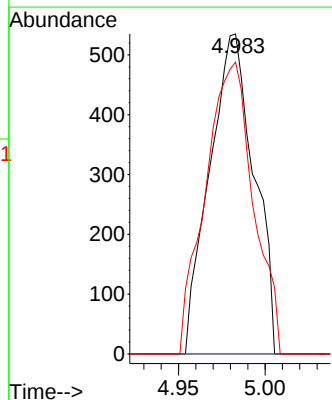
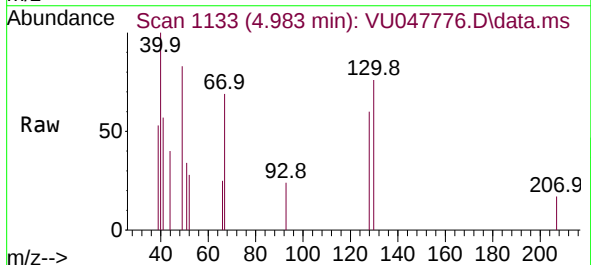
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

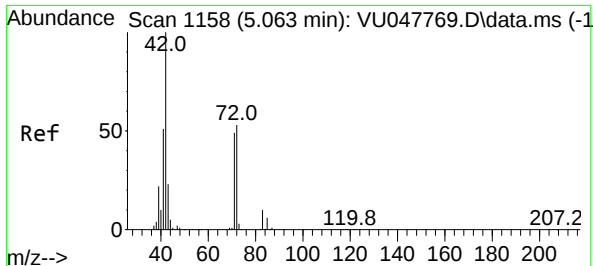
Tgt Ion:	96	Resp:	2406
Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	271.6
98	57.8	0.0	128.2



#28
 Bromochloromethane
 Concen: 0.486 ug/l
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

Tgt Ion:	49	Resp:	955
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	98.3	76.9	115.3

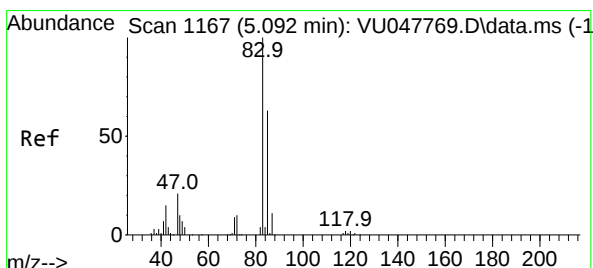
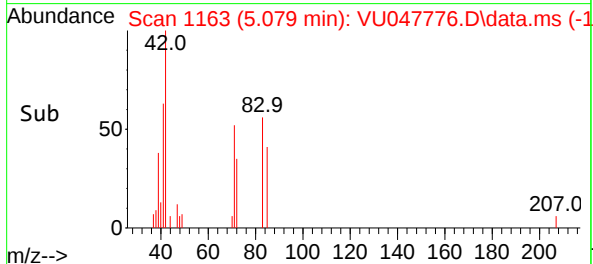
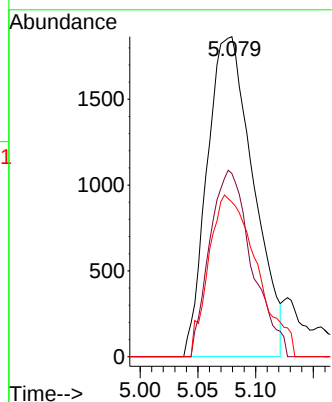
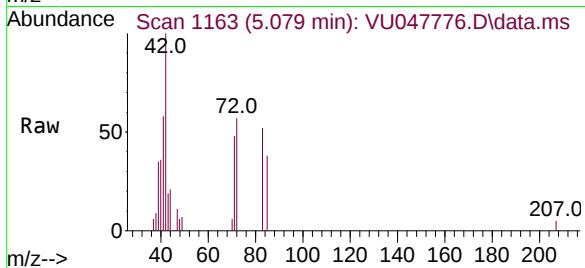




#29
Tetrahydrofuran
Concen: 2.758 ug/l
RT: 5.079 min Scan# 1163
Delta R.T. 0.016 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

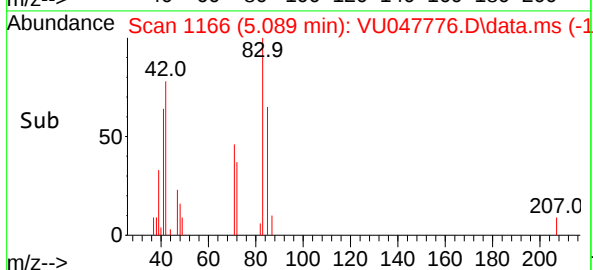
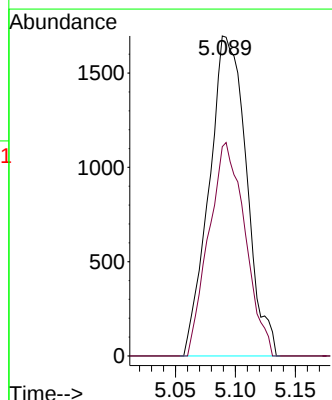
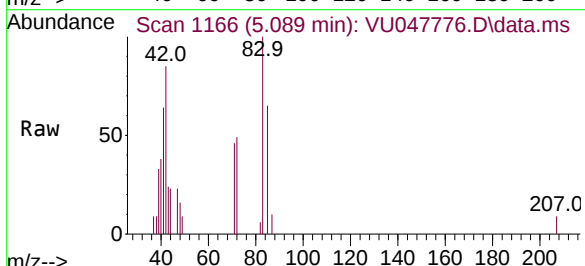
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

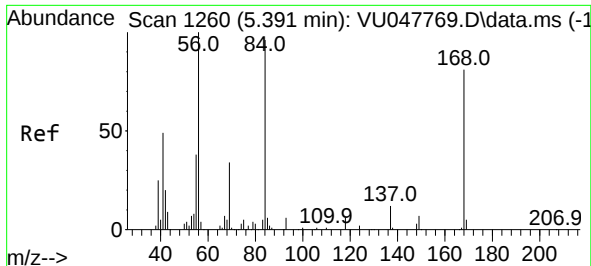
Tgt Ion:	42	Resp:	5191
Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.6	63.8
71	52.4	40.3	60.5



#30
Chloroform
Concen: 0.620 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:	83	Resp:	3670
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8

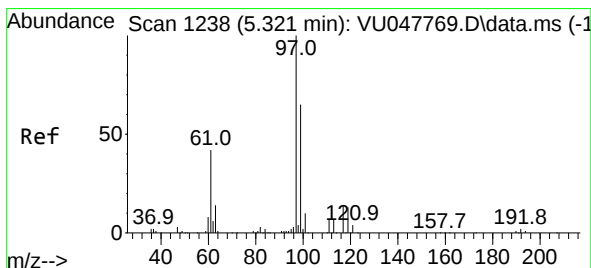
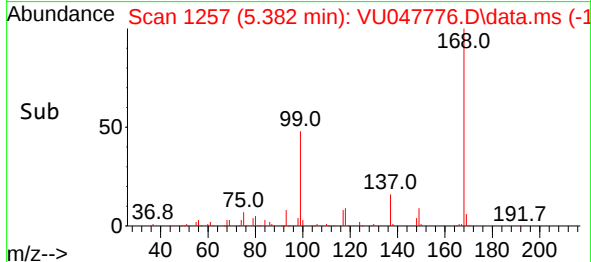
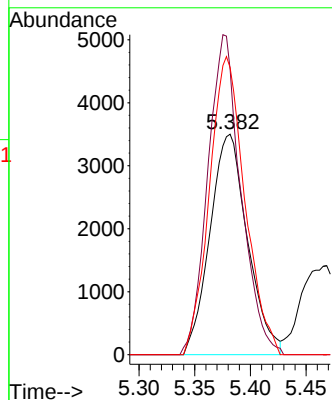
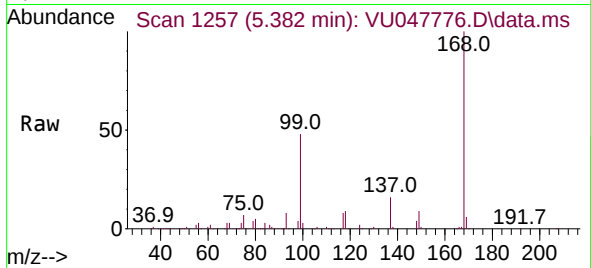




#31
Cyclohexane
Concen: 1.666 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

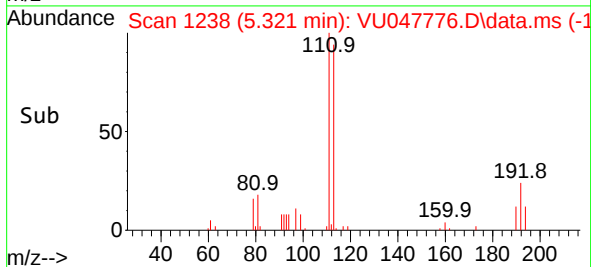
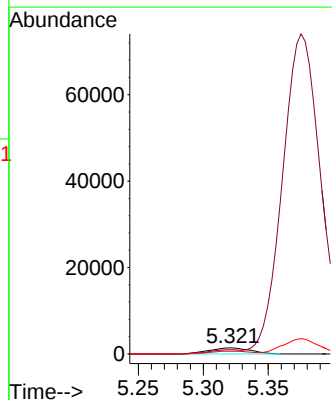
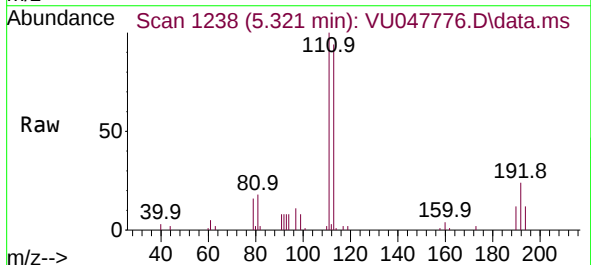
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

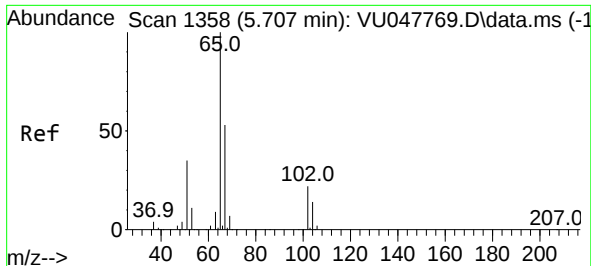
Tgt Ion: 56 Resp: 8231
Ion Ratio Lower Upper
56 100
69 129.4 27.8 41.8#
84 130.2 74.2 111.4#



#32
1,1,1-Trichloroethane
Concen: 0.609 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 97 Resp: 3107
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 46.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.089 ug/l

RT: 5.706 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

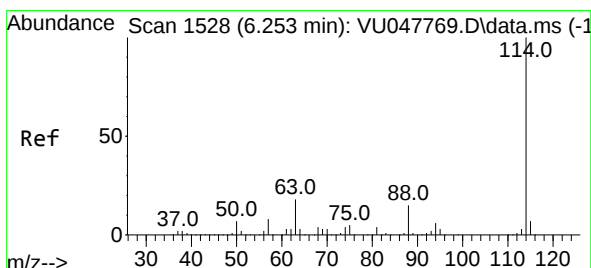
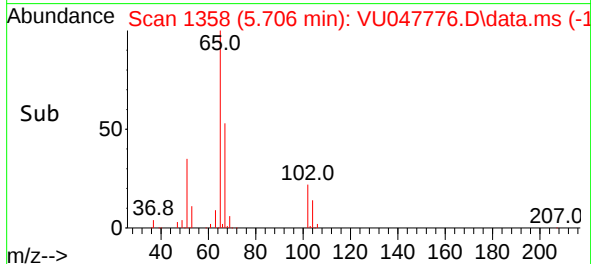
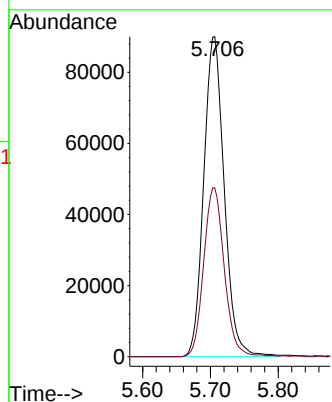
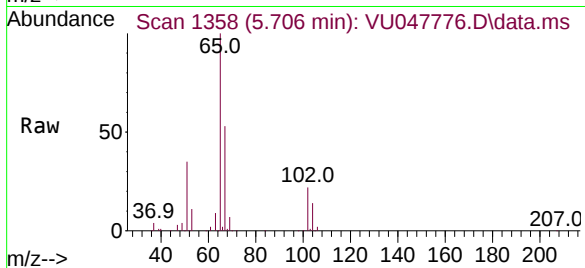
MDL02 0.5ppb

Tgt Ion: 65 Resp: 189111

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

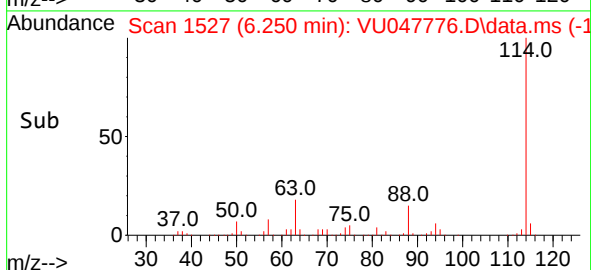
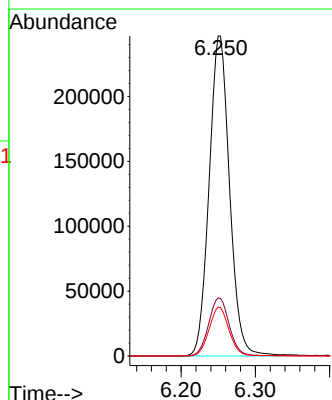
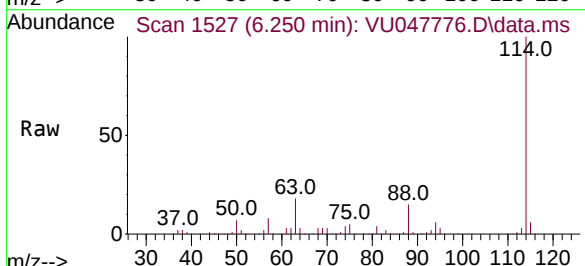
Tgt Ion: 114 Resp: 470621

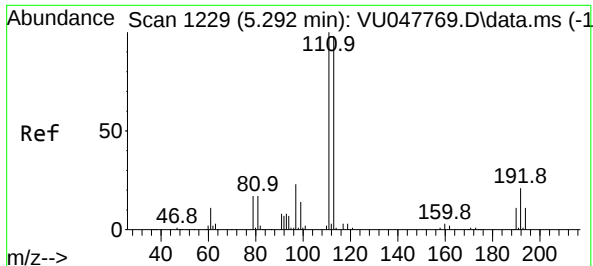
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 15.3 0.0 29.2

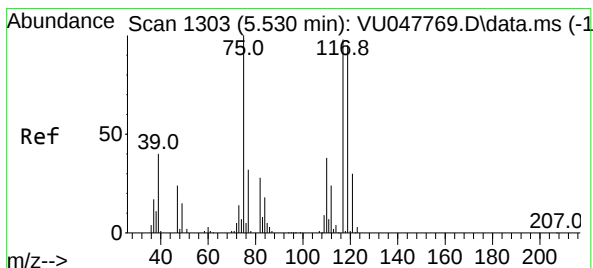
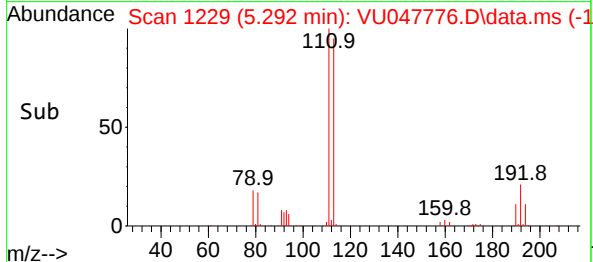
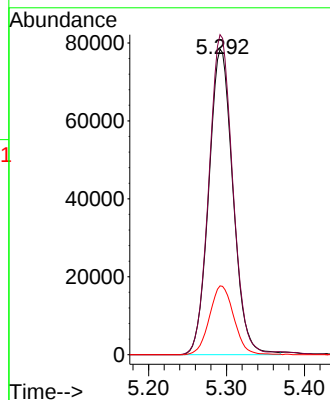
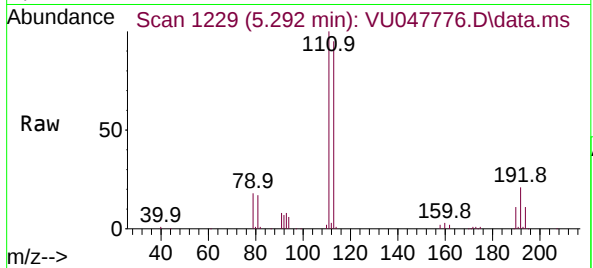




#35
Dibromofluoromethane
Concen: 53.466 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

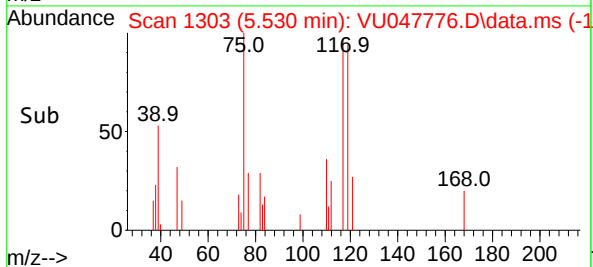
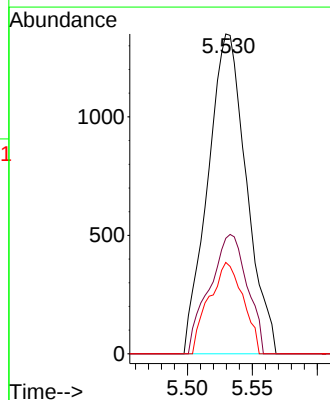
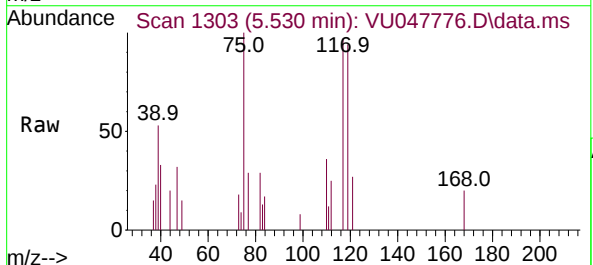
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

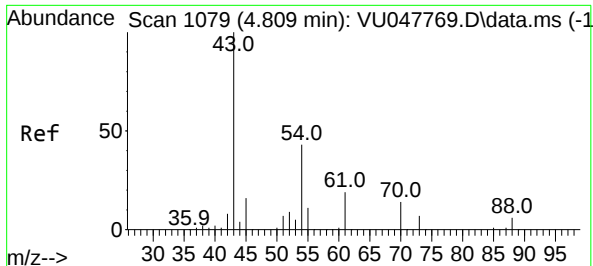
Tgt Ion:113 Resp: 168745
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 22.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 0.624 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 75 Resp: 2781
Ion Ratio Lower Upper
75 100
110 36.6 18.4 55.2
77 25.3 25.1 37.7





#37

Ethyl Acetate

Concen: 0.477 ug/l

RT: 4.813 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

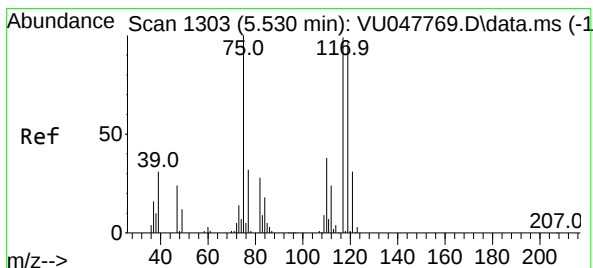
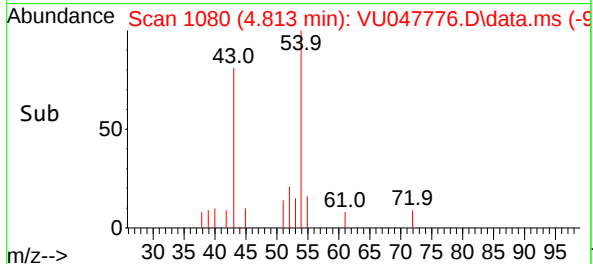
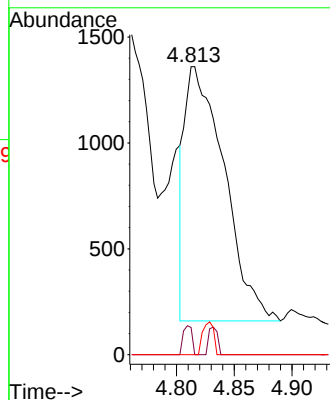
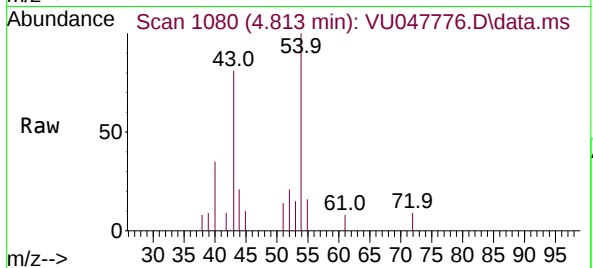
Tgt Ion: 43 Resp: 2863

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 3.6 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 0.592 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

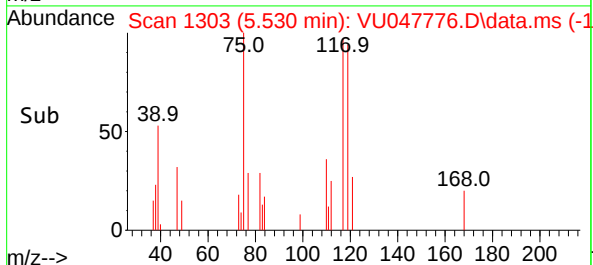
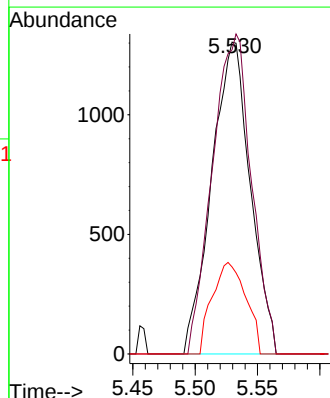
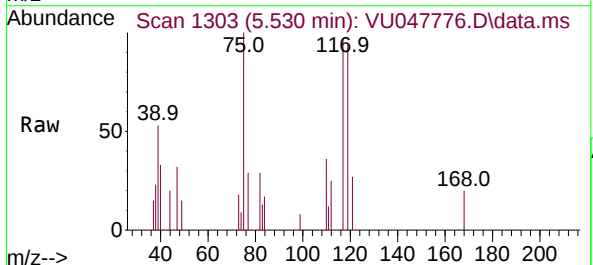
Tgt Ion: 117 Resp: 2811

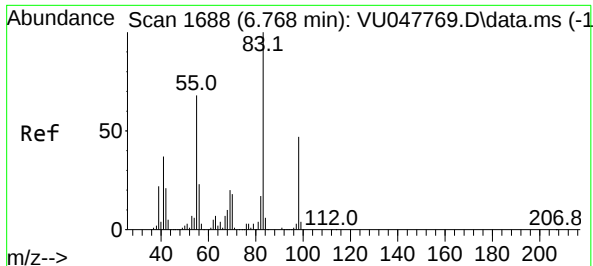
Ion Ratio Lower Upper

117 100

119 97.5 76.8 115.2

121 27.9 24.7 37.1





#39

Methylcyclohexane

Concen: 0.598 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

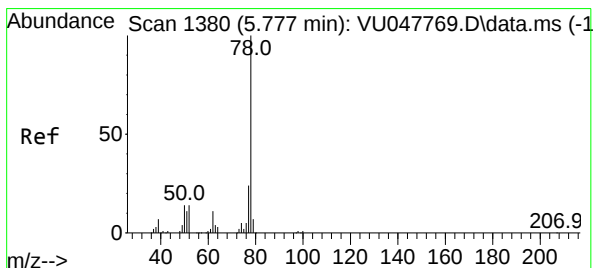
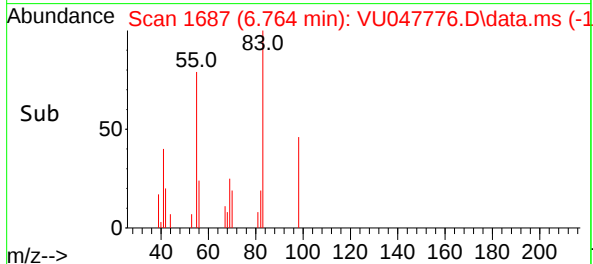
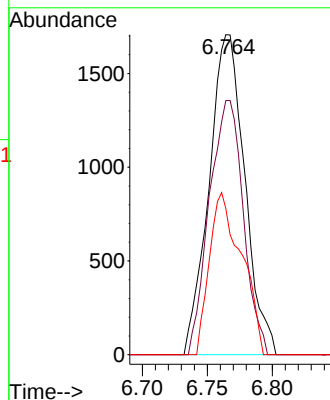
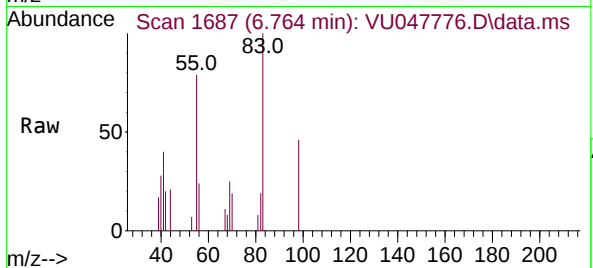
Tgt Ion: 83 Resp: 3259

Ion Ratio Lower Upper

83 100

55 79.4 55.3 82.9

98 45.7 37.3 55.9



#40

Benzene

Concen: 0.606 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU047776.D

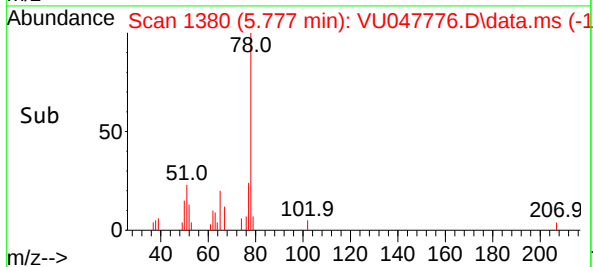
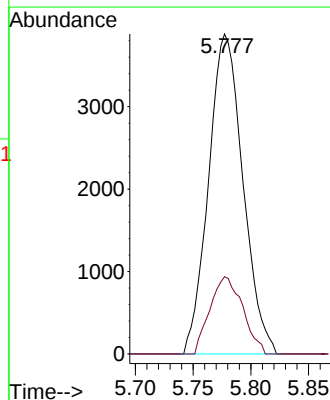
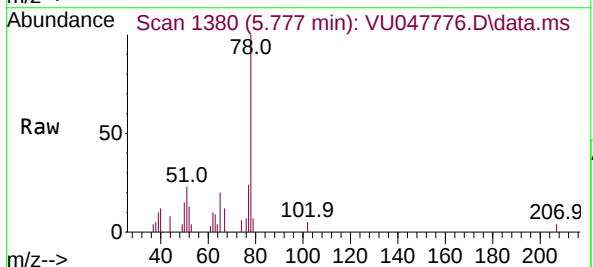
Acq: 31 Mar 2022 16:38

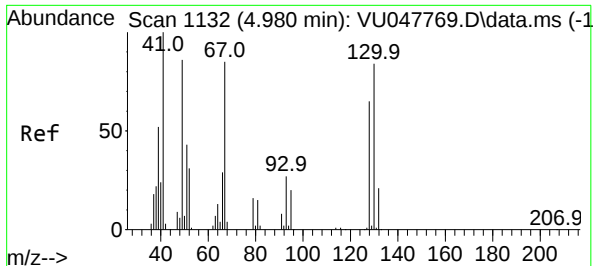
Tgt Ion: 78 Resp: 8027

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

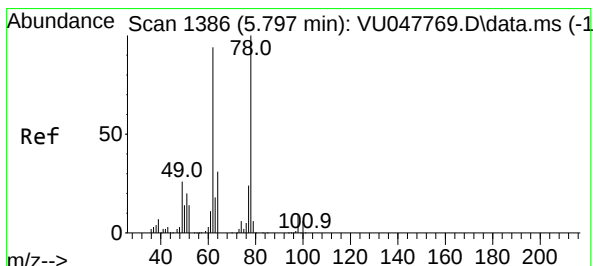
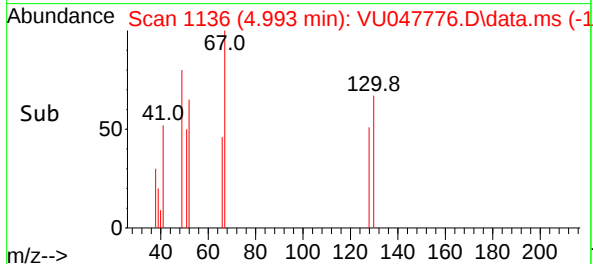
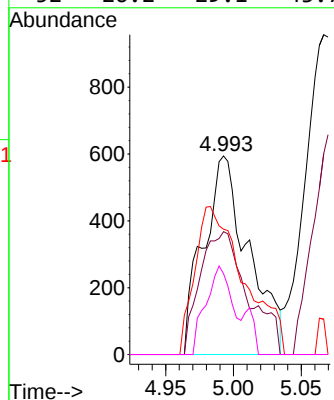
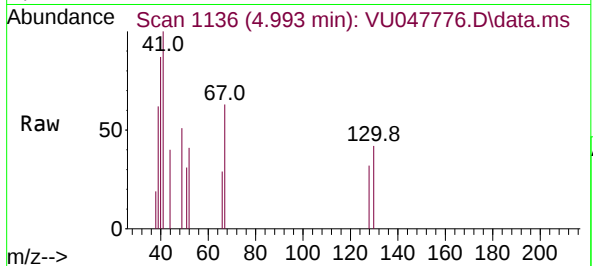




#41
Methacrylonitrile
Concen: 0.510 ug/l
RT: 4.993 min Scan# 1132
Delta R.T. 0.013 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

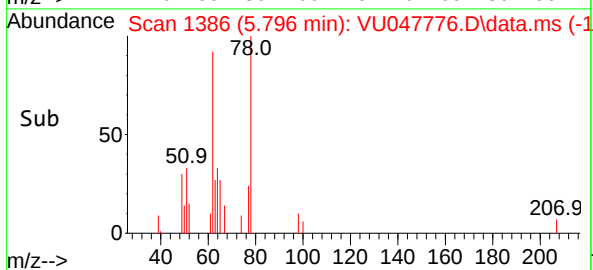
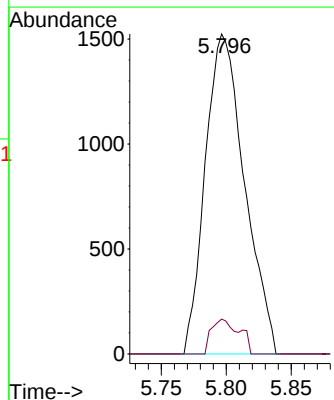
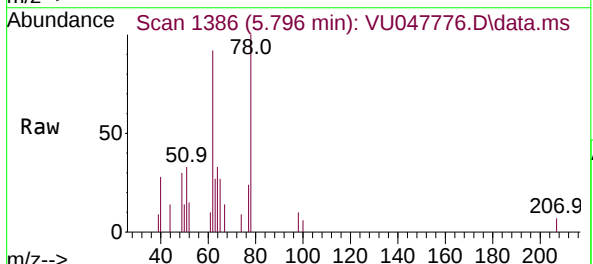
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

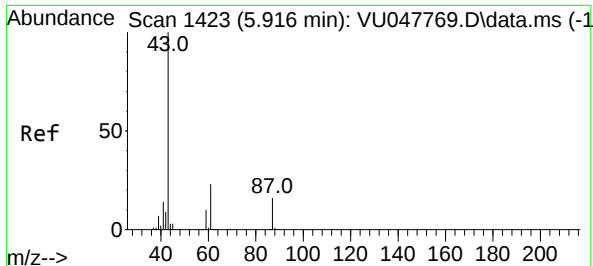
Tgt Ion:	41	Resp:	1382
Ion	Ratio	Lower	Upper
41	100		
39	65.3	43.1	64.7#
67	81.3	72.3	108.5
52	26.2	29.1	43.7#



#42
1,2-Dichloroethane
Concen: 0.694 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:	62	Resp:	3200
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 0.570 ug/l

RT: 5.919 min Scan# 1423

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

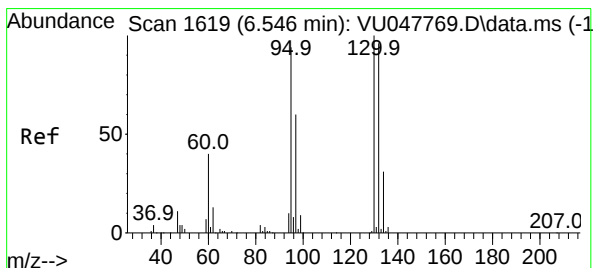
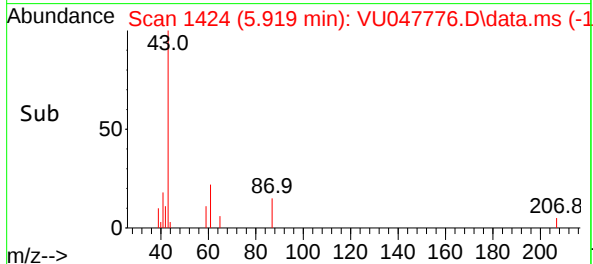
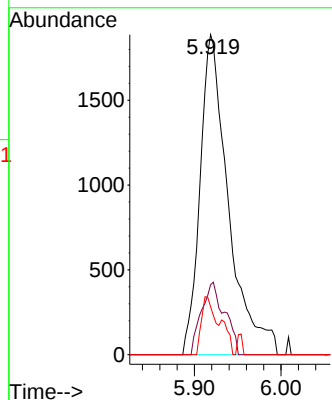
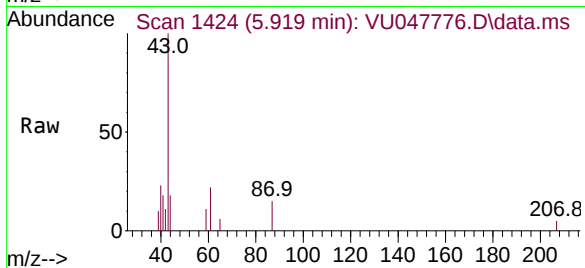
Tgt Ion: 43 Resp: 4295

Ion Ratio Lower Upper

43 100

61 18.4 17.4 26.0

87 8.6 12.6 18.8#



#44

Trichloroethene

Concen: 0.607 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU047776.D

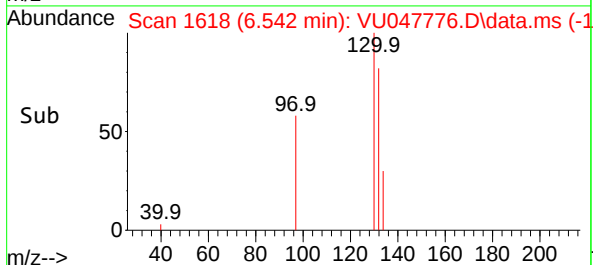
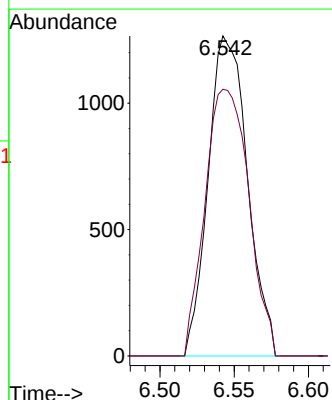
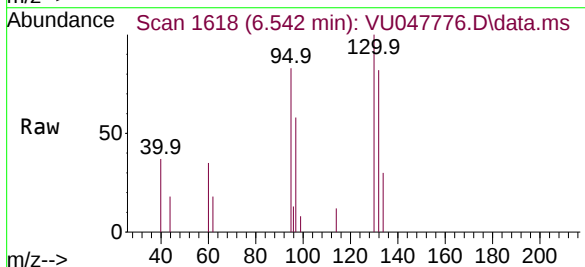
Acq: 31 Mar 2022 16:38

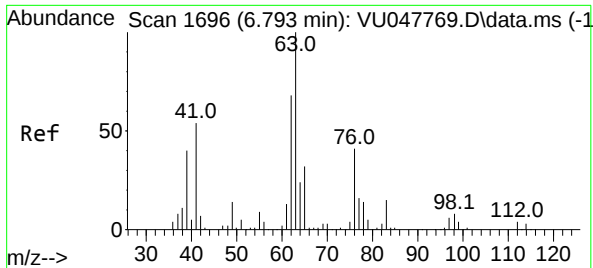
Tgt Ion: 130 Resp: 2329

Ion Ratio Lower Upper

130 100

95 83.3 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.572 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

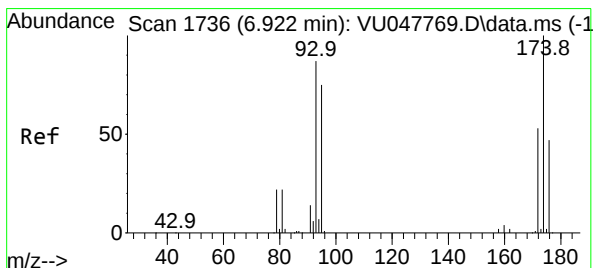
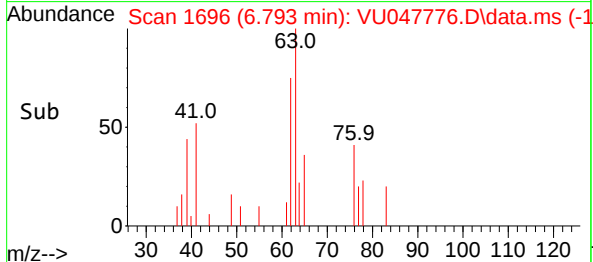
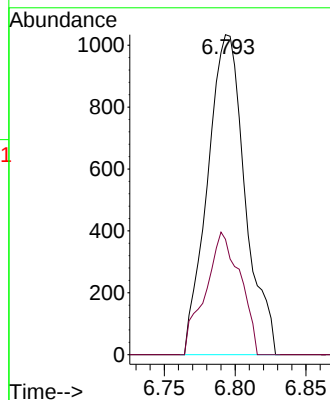
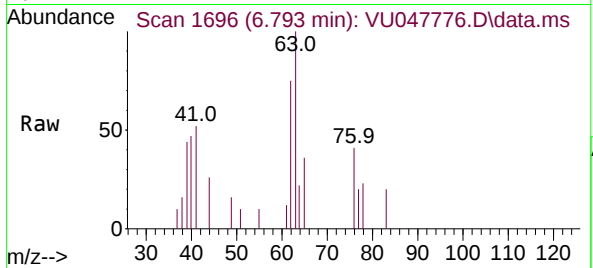
MDL02 0.5ppb

Tgt Ion: 63 Resp: 1907

Ion Ratio Lower Upper

63 100

65 36.1 25.0 37.4



#46

Dibromomethane

Concen: 0.587 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

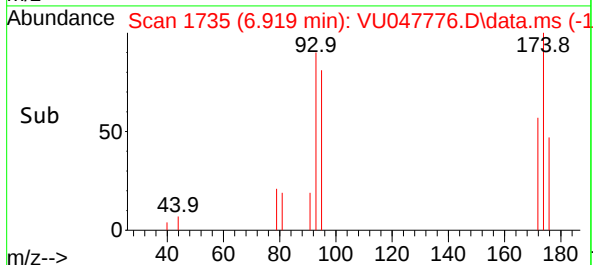
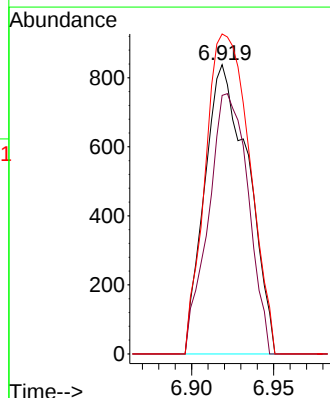
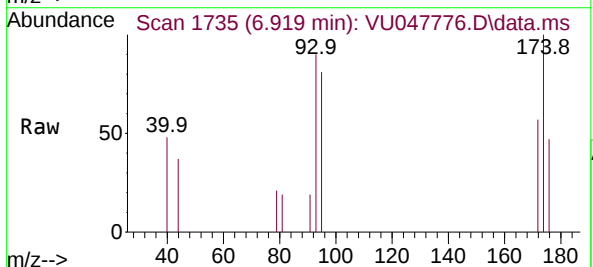
Tgt Ion: 93 Resp: 1545

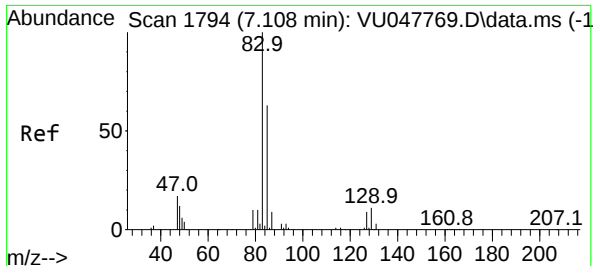
Ion Ratio Lower Upper

93 100

95 82.3 66.3 99.5

174 112.9 88.2 132.4





#47

Bromodichloromethane

Concen: 0.613 ug/l

RT: 7.108 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

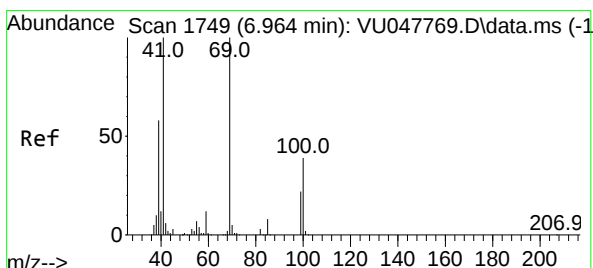
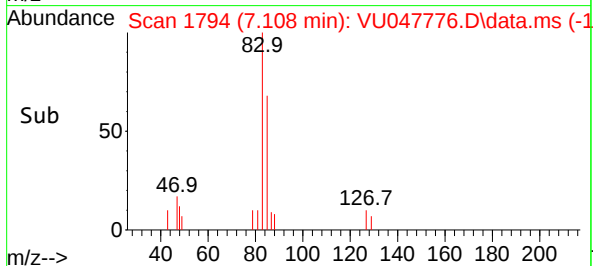
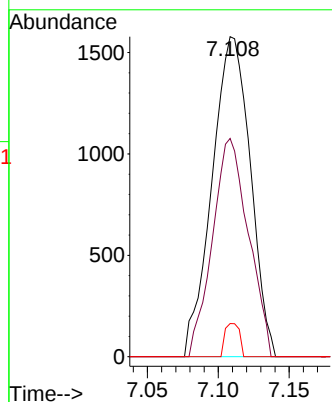
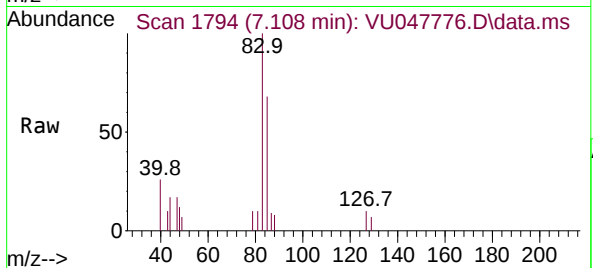
Tgt Ion: 83 Resp: 2970

Ion Ratio Lower Upper

83 100

85 68.2 51.4 77.2

127 10.4 7.1 10.7



#48

Methyl methacrylate

Concen: 0.518 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

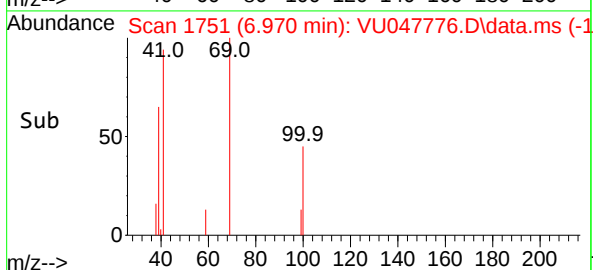
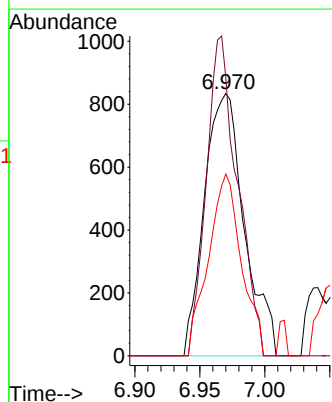
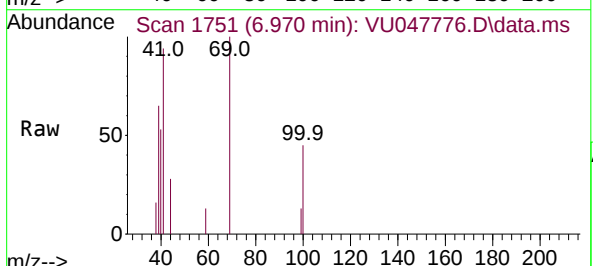
Tgt Ion: 41 Resp: 1786

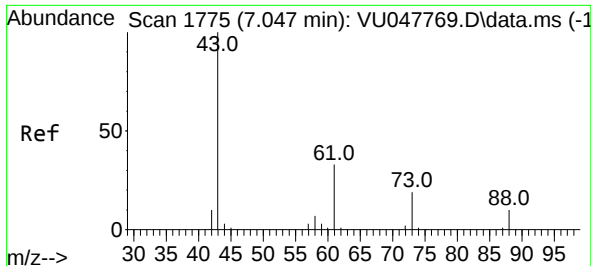
Ion Ratio Lower Upper

41 100

69 95.1 79.8 119.6

39 57.4 47.9 71.9





#49

1,4-Dioxane

Concen: 4.453 ug/l

RT: 7.054 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

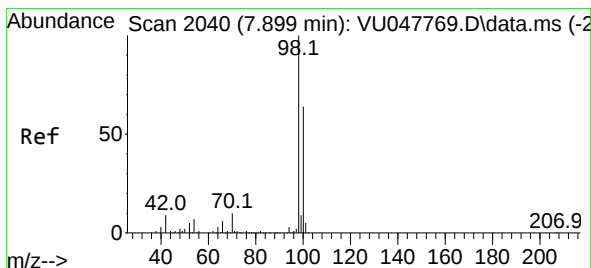
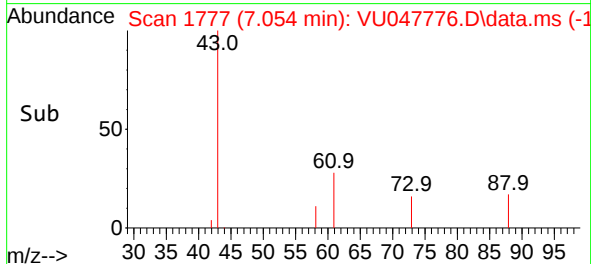
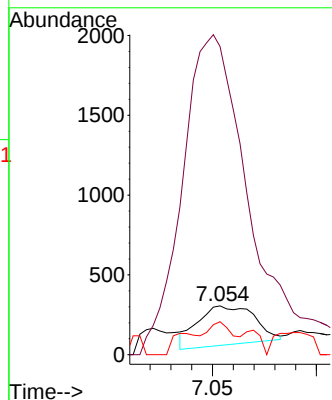
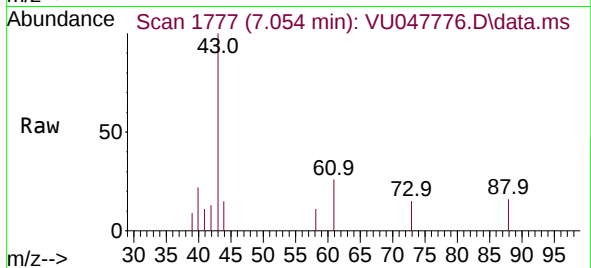
Tgt Ion: 88 Resp: 469

Ion Ratio Lower Upper

88 100

43 978.3 0.0 0.0#

58 38.4 15.4 23.0#



#50

Toluene-d8

Concen: 51.789 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU047776.D

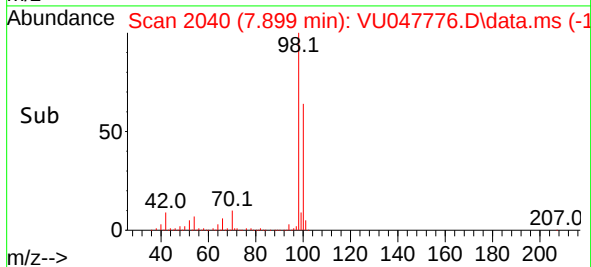
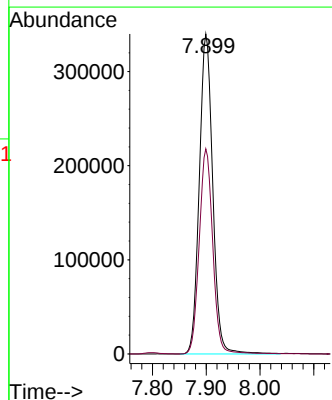
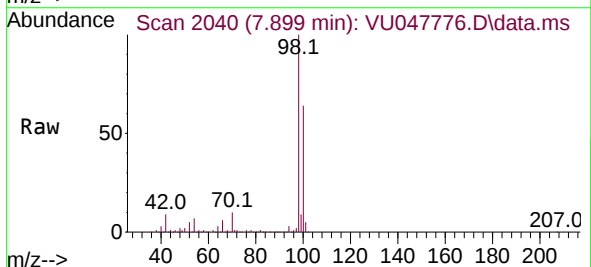
Acq: 31 Mar 2022 16:38

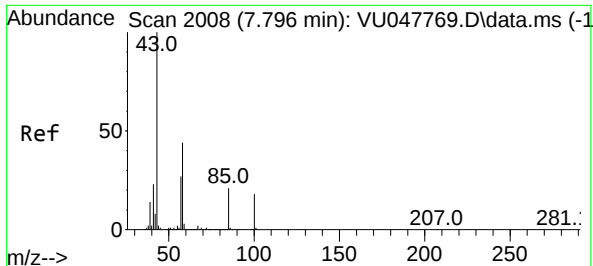
Tgt Ion: 98 Resp: 588869

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

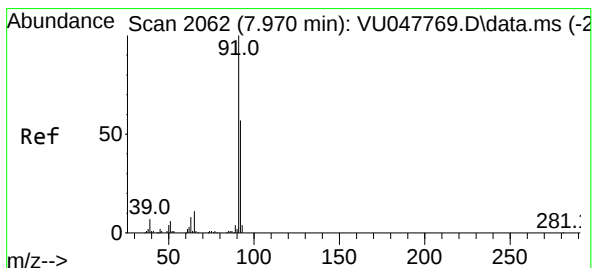
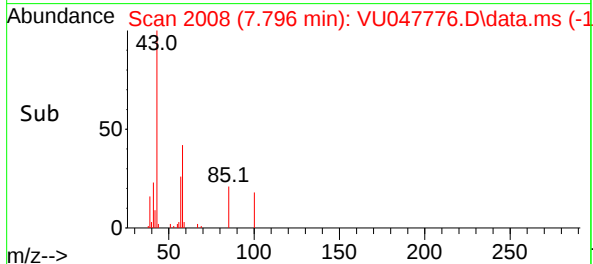
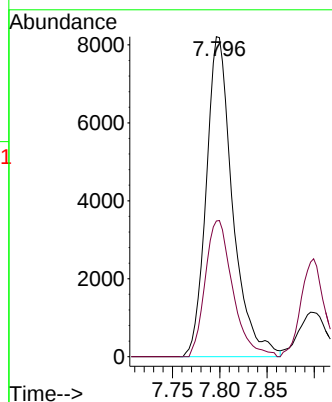
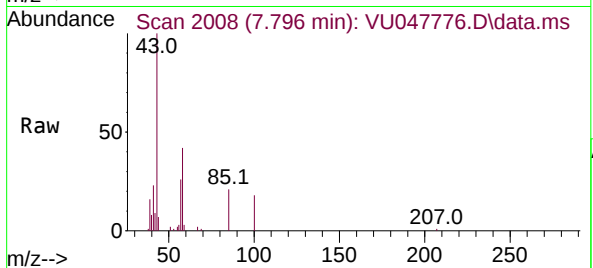




#51
4-Methyl-2-Pentanone
Concen: 2.887 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

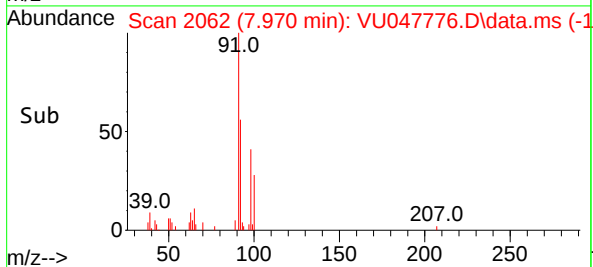
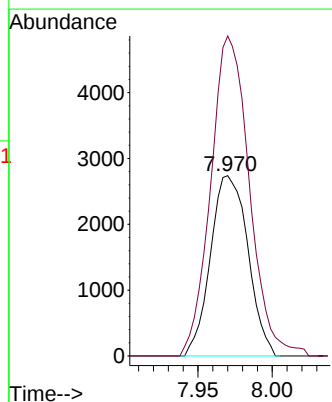
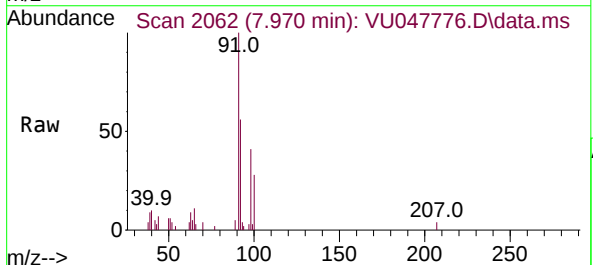
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

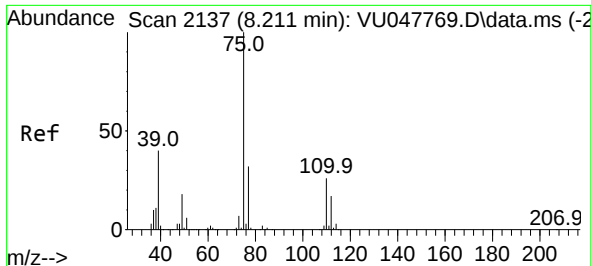
Tgt Ion: 43 Resp: 15912
Ion Ratio Lower Upper
43 100
58 44.3 34.7 52.1



#52
Toluene
Concen: 0.566 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 92 Resp: 4796
Ion Ratio Lower Upper
92 100
91 183.6 138.2 207.4

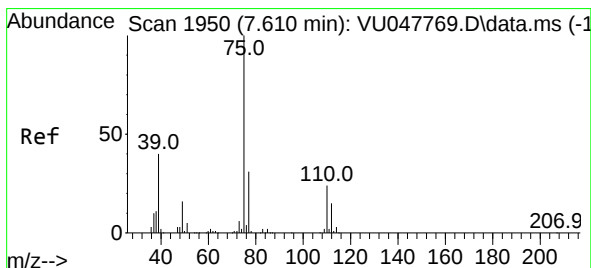
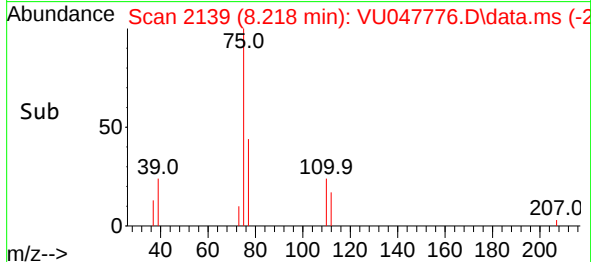
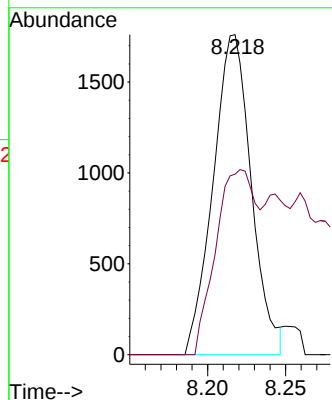
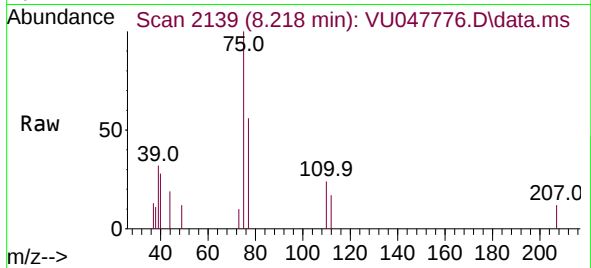




#53
 t-1,3-Dichloropropene
 Concen: 0.554 ug/l
 RT: 8.218 min Scan# 2137
 Delta R.T. 0.006 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

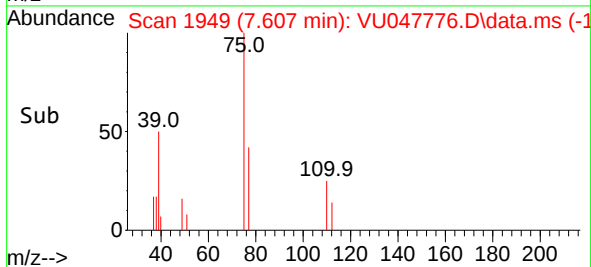
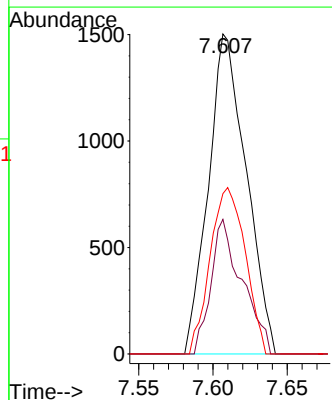
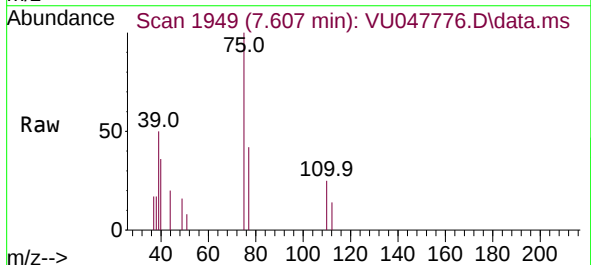
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

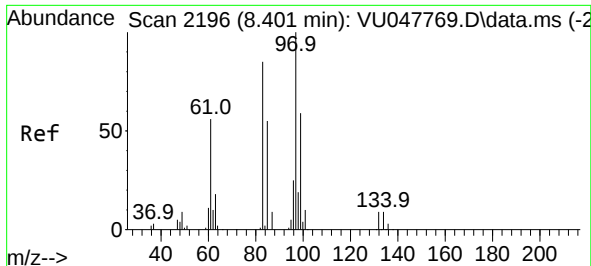
Tgt Ion: 75 Resp: 2995
 Ion Ratio Lower Upper
 75 100
 77 56.4 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.479 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

Tgt Ion: 75 Resp: 2659
 Ion Ratio Lower Upper
 75 100
 77 42.0 25.7 38.5#
 39 50.1 33.0 49.6#

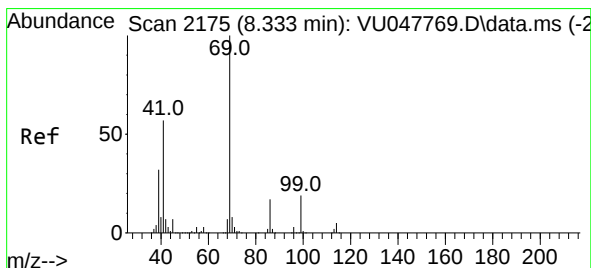
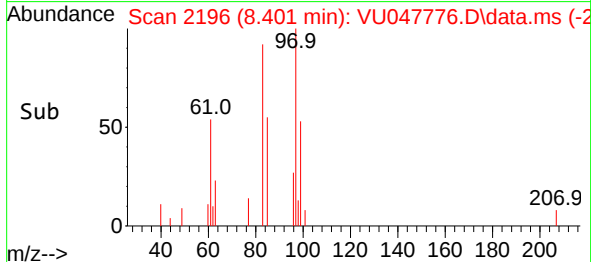
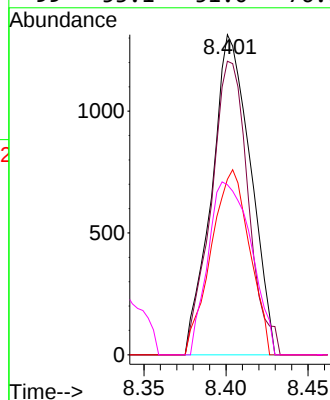
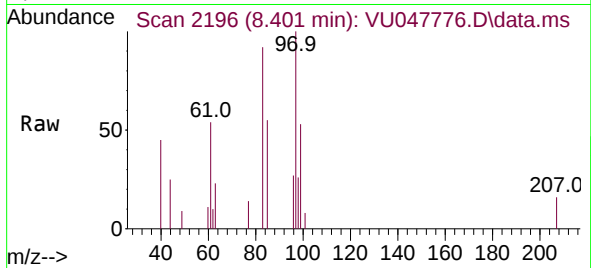




#55
1,1,2-Trichloroethane
Concen: 0.596 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

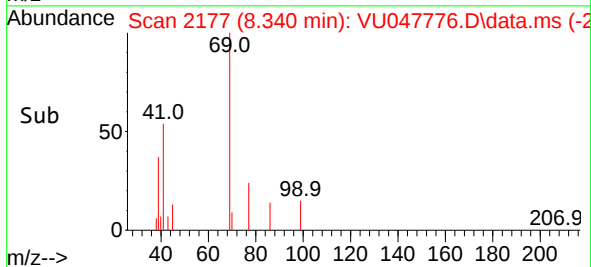
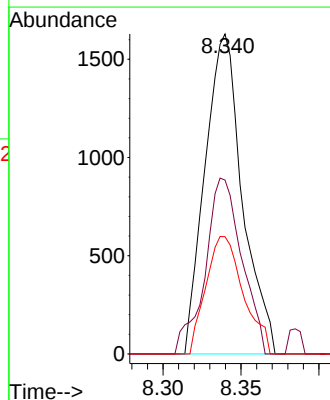
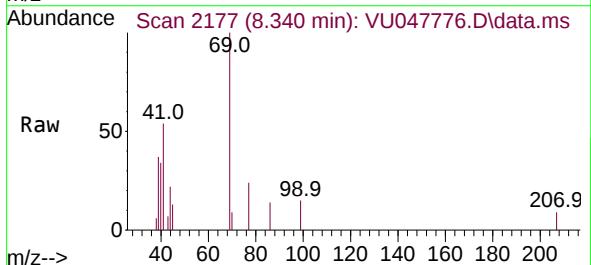
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

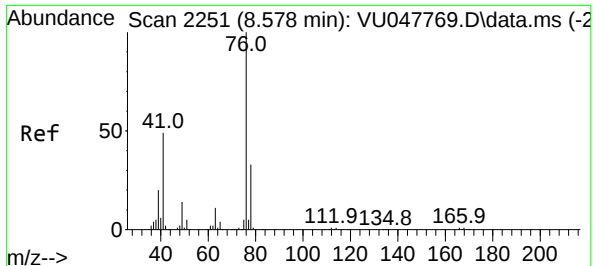
Tgt Ion:	97	Resp:	2159
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.2	105.4
85	54.8	44.6	66.8
99	53.1	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.522 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:	69	Resp:	2714
Ion	Ratio	Lower	Upper
69	100		
41	53.9	45.4	68.0
39	36.9	25.7	38.5





#57

1,3-Dichloropropane

Concen: 0.593 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

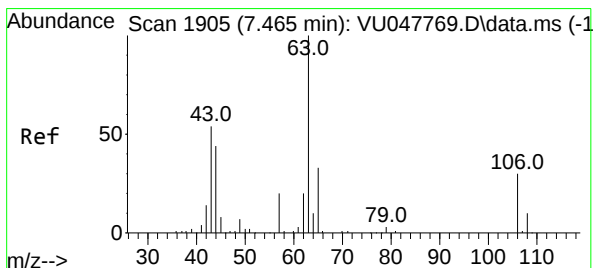
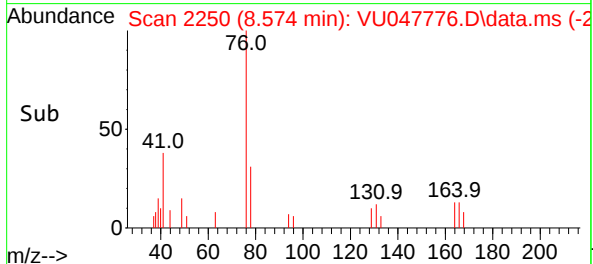
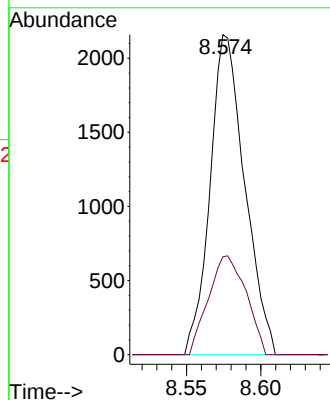
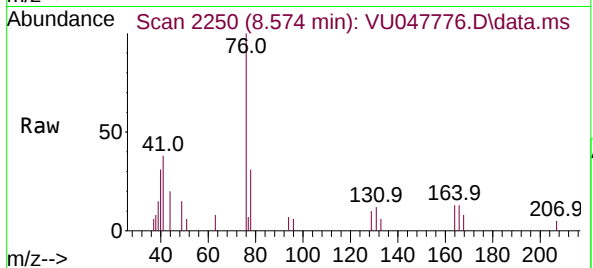
MDL02 0.5ppb

Tgt Ion: 76 Resp: 3498

Ion Ratio Lower Upper

76 100

78 33.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.534 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU047776.D

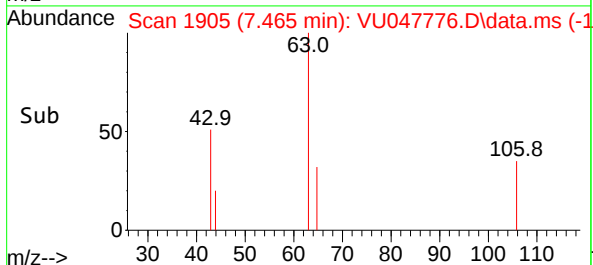
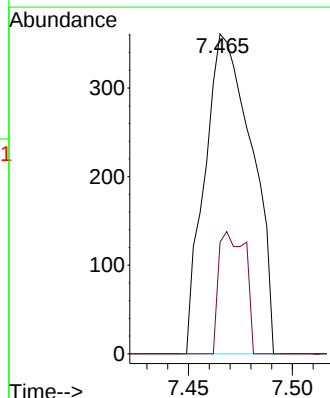
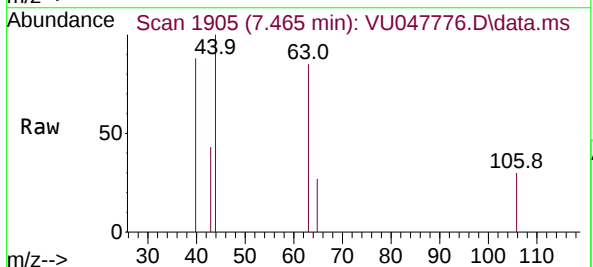
Acq: 31 Mar 2022 16:38

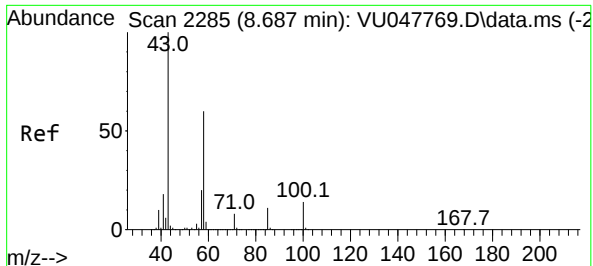
Tgt Ion: 63 Resp: 569

Ion Ratio Lower Upper

63 100

106 21.4 23.1 34.7#





#59

2-Hexanone

Concen: 2.944 ug/l

RT: 8.693 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

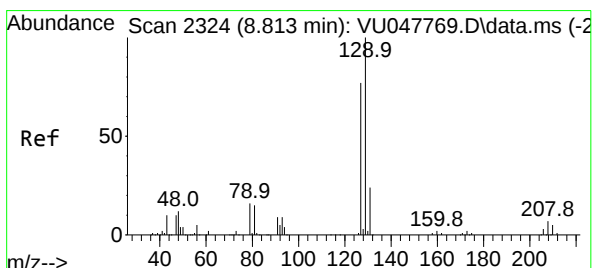
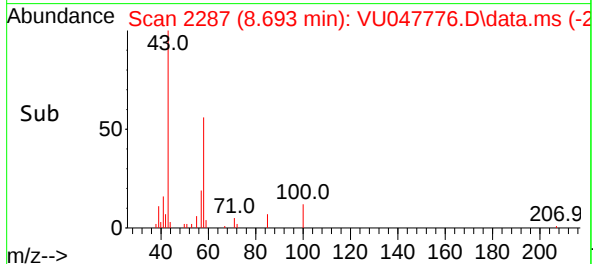
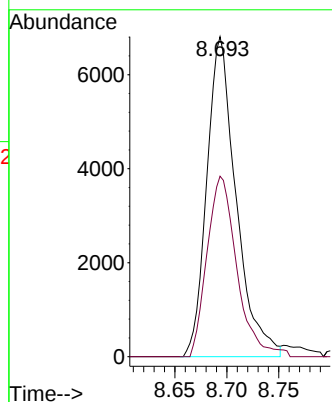
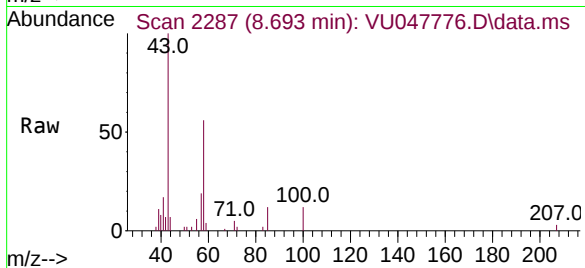
MDL02 0.5ppb

Tgt Ion: 43 Resp: 13307

Ion Ratio Lower Upper

43 100

58 57.5 30.3 90.8



#60

Dibromochloromethane

Concen: 0.544 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU047776.D

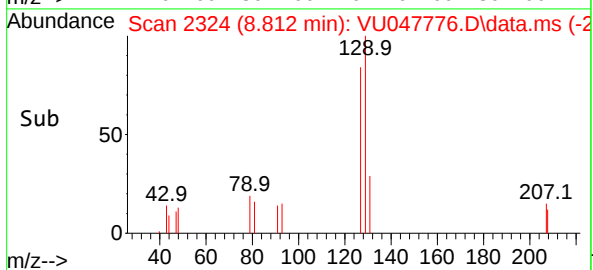
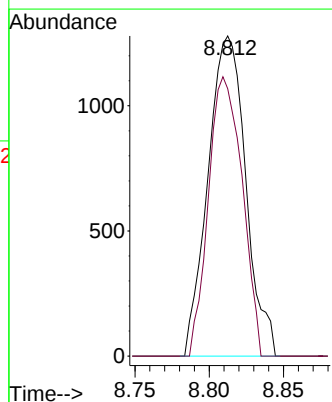
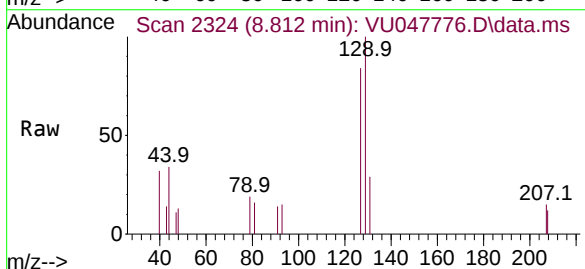
Acq: 31 Mar 2022 16:38

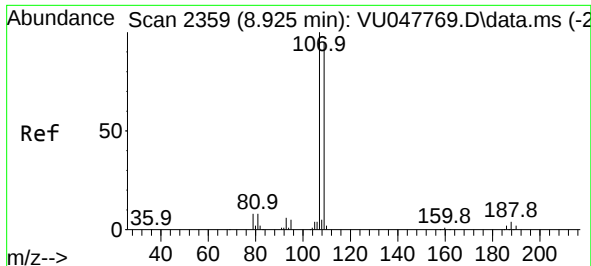
Tgt Ion: 129 Resp: 2265

Ion Ratio Lower Upper

129 100

127 77.6 38.6 116.0

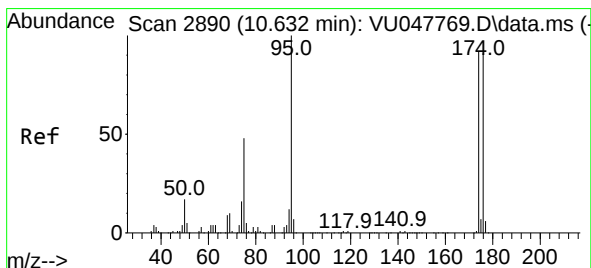
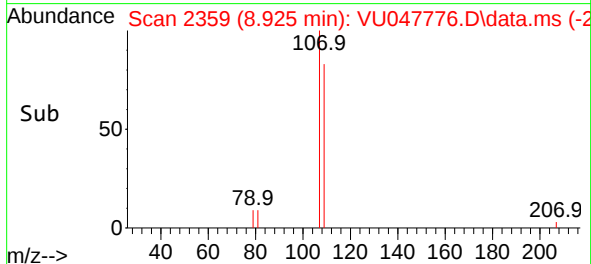
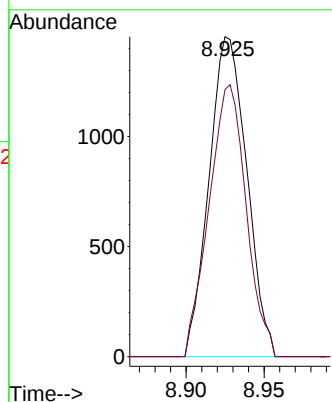
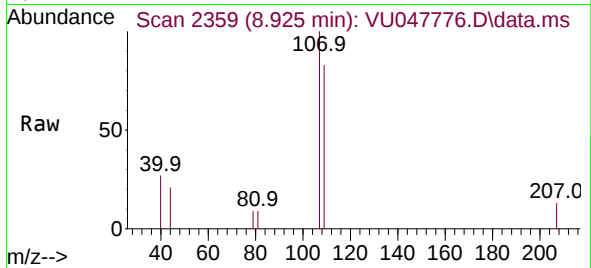




#61
1,2-Dibromoethane
Concen: 0.594 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

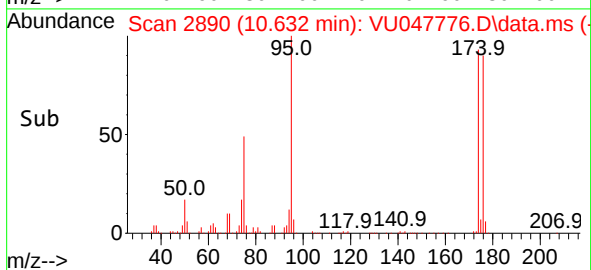
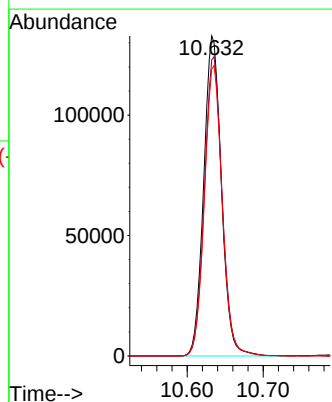
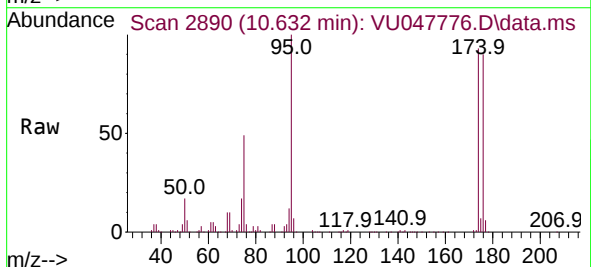
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

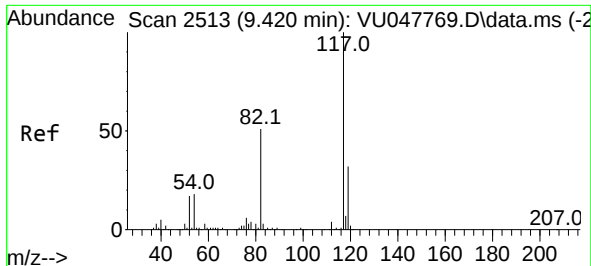
Tgt Ion:107 Resp: 2445
Ion Ratio Lower Upper
107 100
109 83.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 48.441 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 95 Resp: 214508
Ion Ratio Lower Upper
95 100
174 94.4 0.0 182.0
176 91.3 0.0 177.8

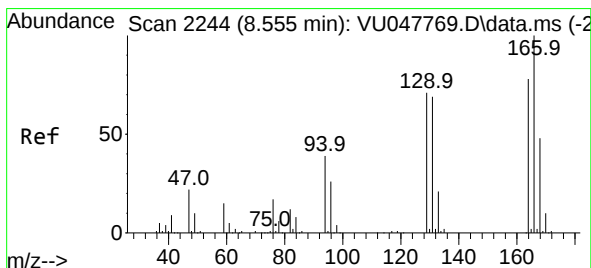
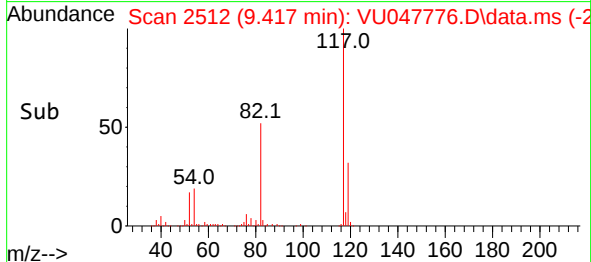
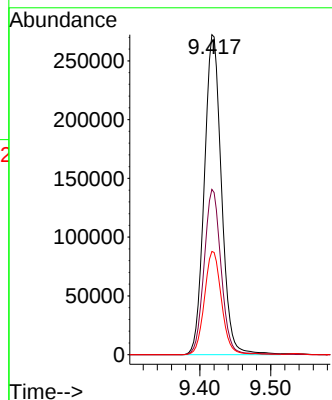
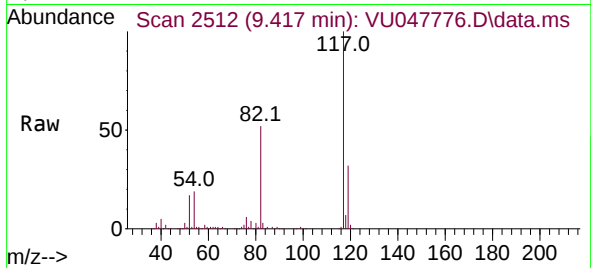




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

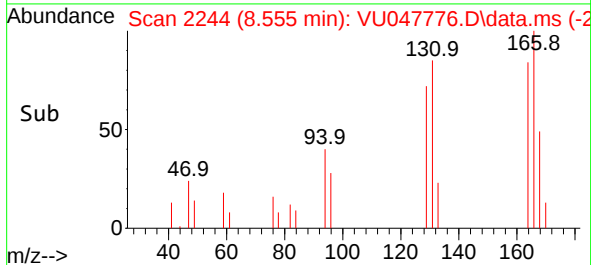
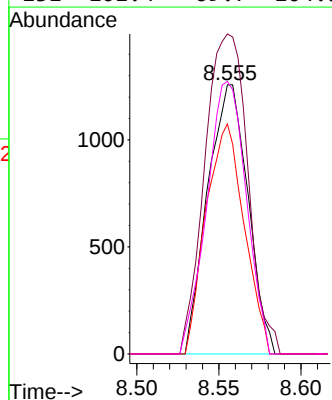
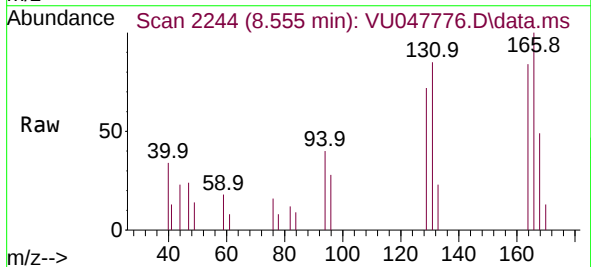
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

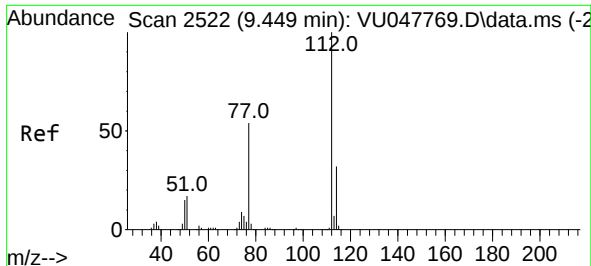
Tgt Ion:117 Resp: 458088
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 0.632 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:164 Resp: 2140
Ion Ratio Lower Upper
164 100
166 118.9 100.0 150.0
129 85.5 72.0 108.0
131 101.4 69.7 104.5

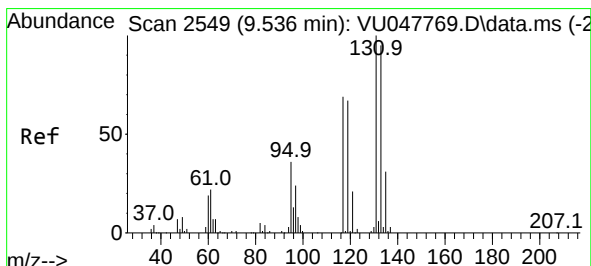
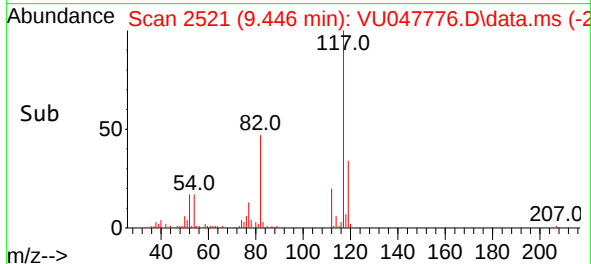
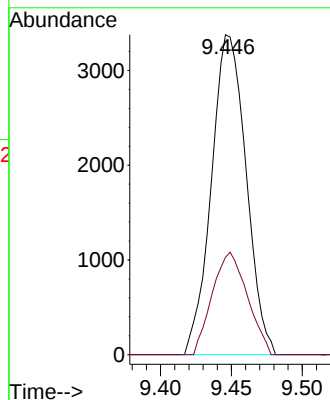
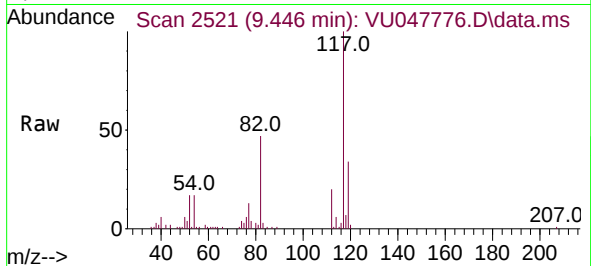




#65
Chlorobenzene
Concen: 0.590 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

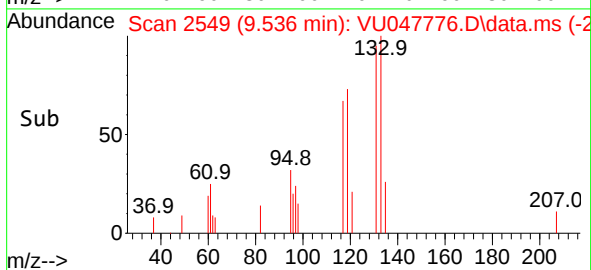
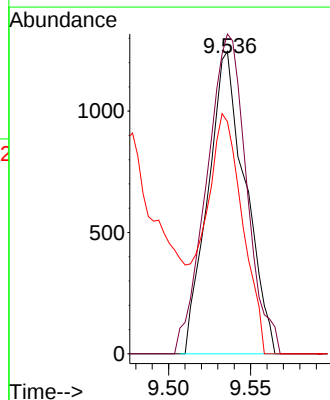
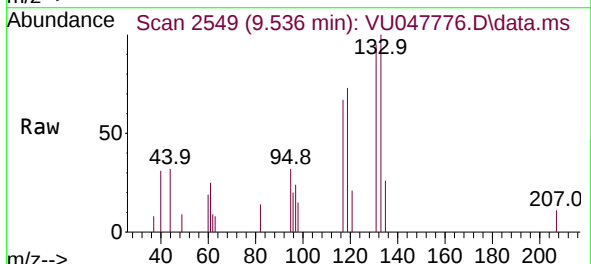
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

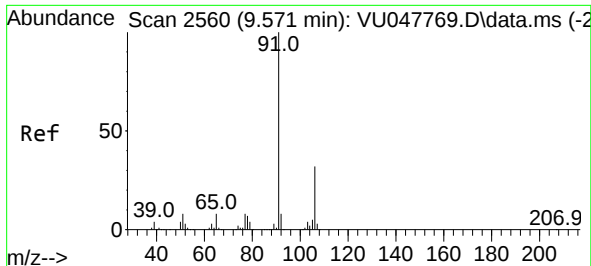
Tgt Ion:112 Resp: 5759
Ion Ratio Lower Upper
112 100
114 30.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.548 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:131 Resp: 1972
Ion Ratio Lower Upper
131 100
133 113.1 48.4 145.0
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.571 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

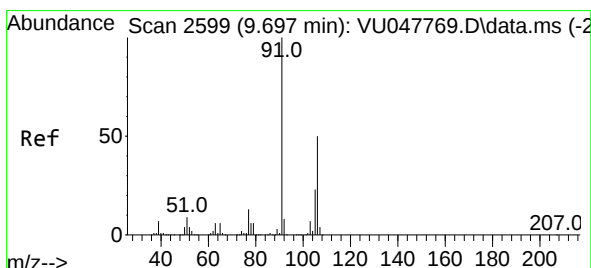
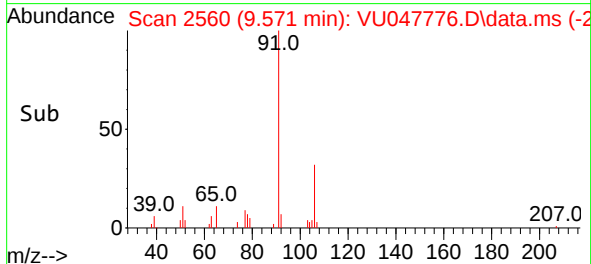
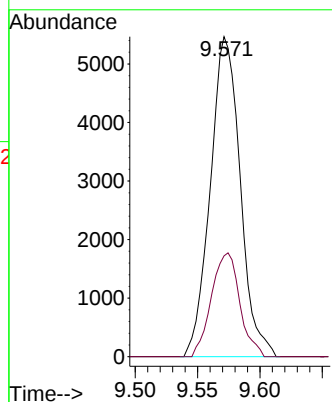
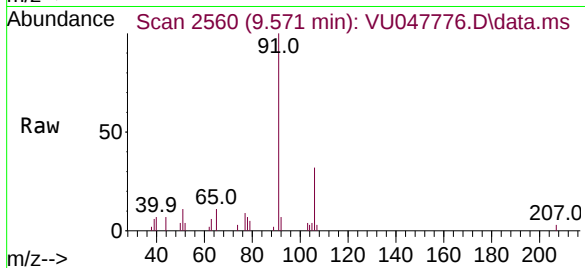
MDL02 0.5ppb

Tgt Ion: 91 Resp: 9139

Ion Ratio Lower Upper

91 100

106 31.5 25.6 38.4



#68

m/p-Xylenes

Concen: 1.074 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047776.D

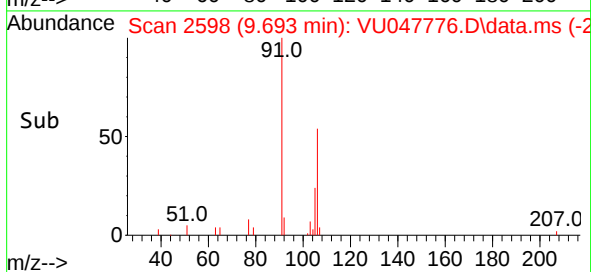
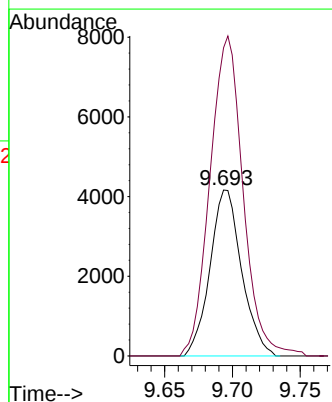
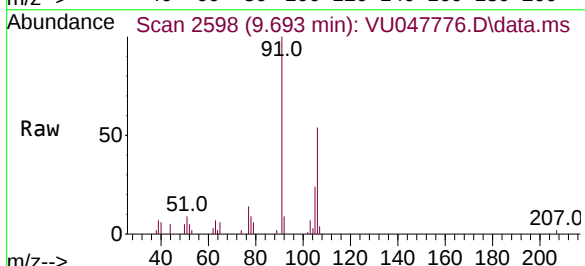
Acq: 31 Mar 2022 16:38

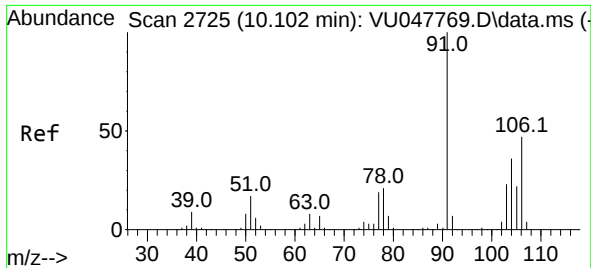
Tgt Ion: 106 Resp: 6757

Ion Ratio Lower Upper

106 100

91 201.8 157.2 235.8

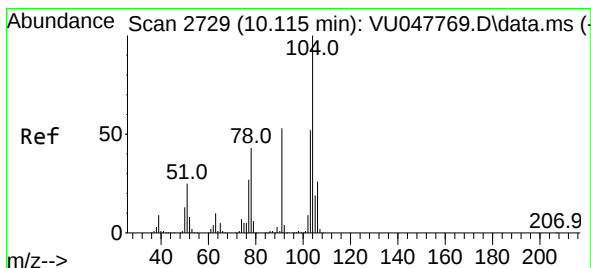
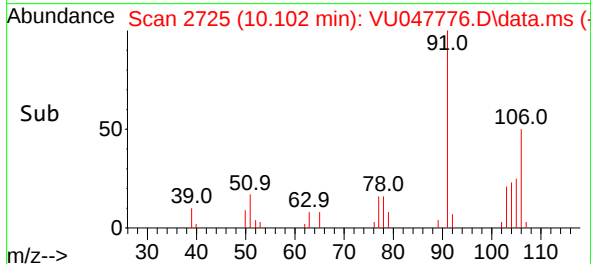
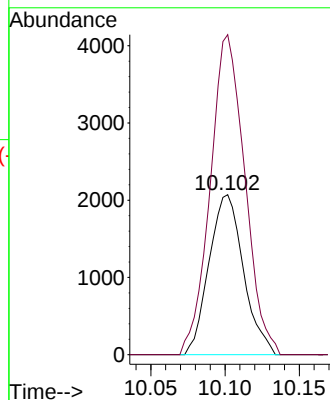
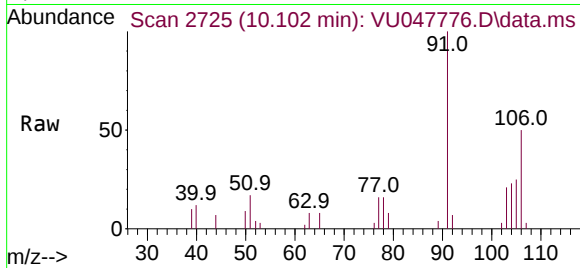




#69
o-Xylene
Concen: 0.555 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

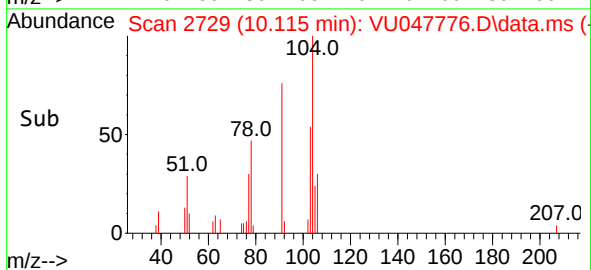
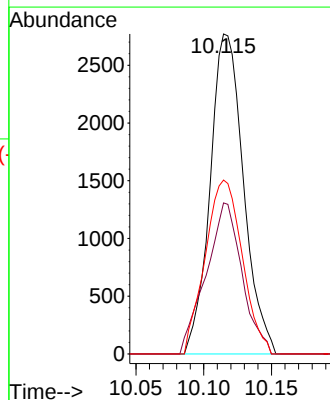
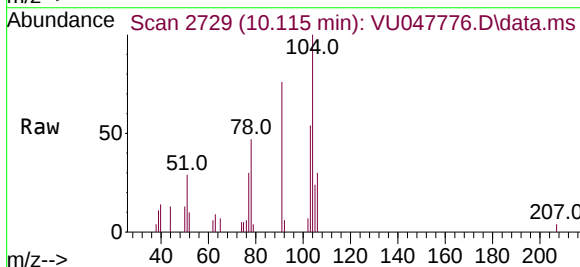
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

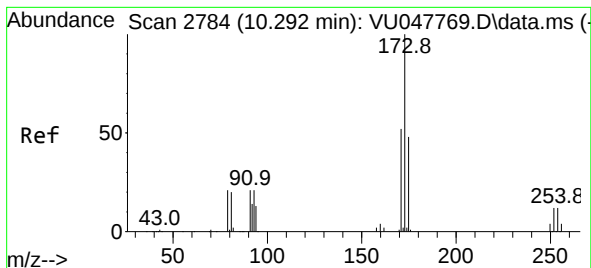
Tgt Ion:106 Resp: 3341
Ion Ratio Lower Upper
106 100
91 201.0 103.5 310.5



#70
Styrene
Concen: 0.475 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:104 Resp: 4751
Ion Ratio Lower Upper
104 100
78 50.7 38.0 57.0
103 60.3 43.9 65.9





#71

Bromoform

Concen: 0.534 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

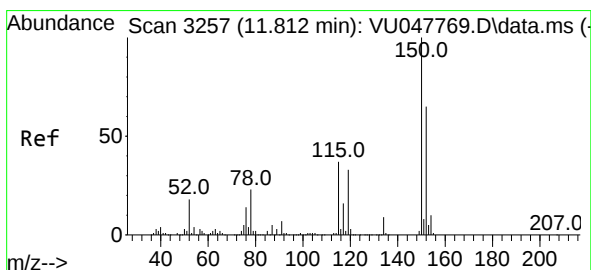
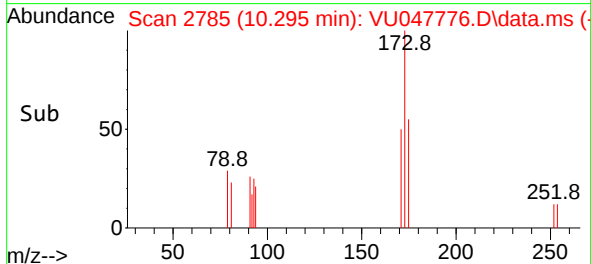
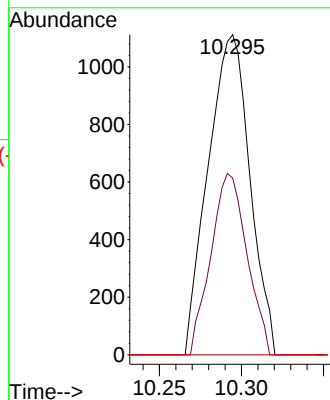
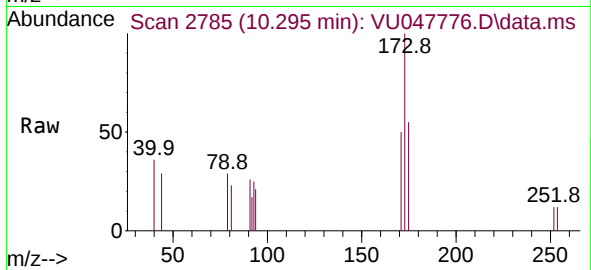
Tgt Ion:173 Resp: 1965

Ion Ratio Lower Upper

173 100

175 49.0 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: VU047776.D

Acq: 31 Mar 2022 16:38

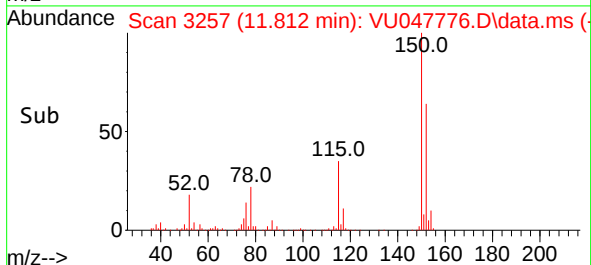
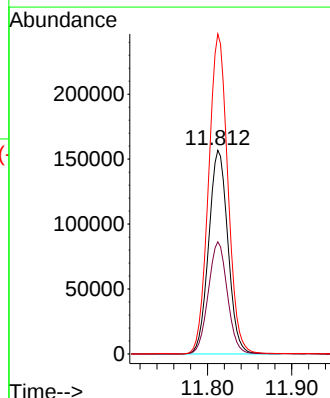
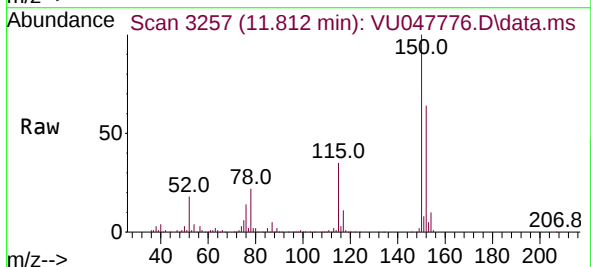
Tgt Ion:152 Resp: 248699

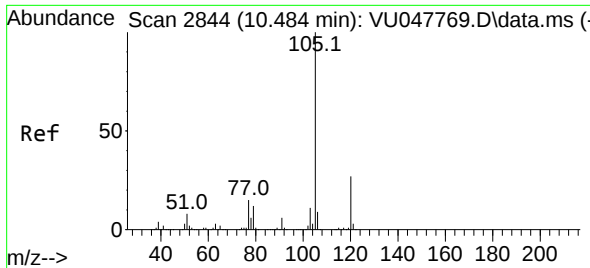
Ion Ratio Lower Upper

152 100

115 54.8 37.0 110.9

150 157.8 0.0 342.2

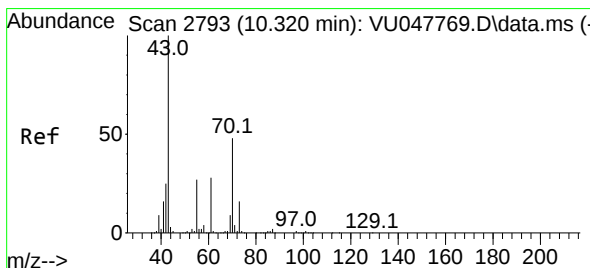
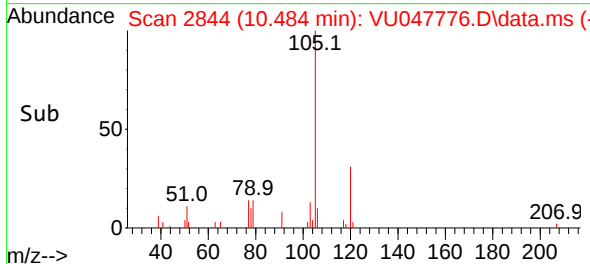
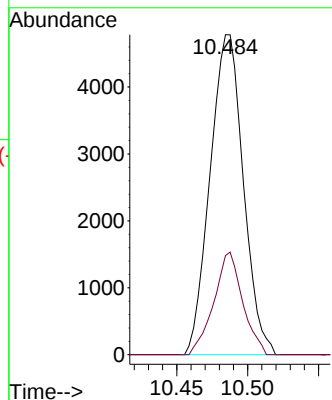
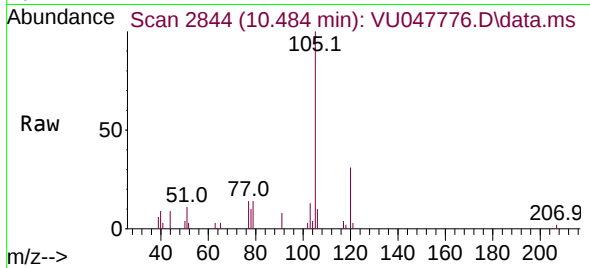




#73
Isopropylbenzene
Concen: 0.536 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

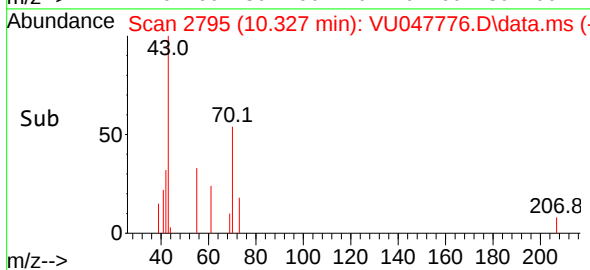
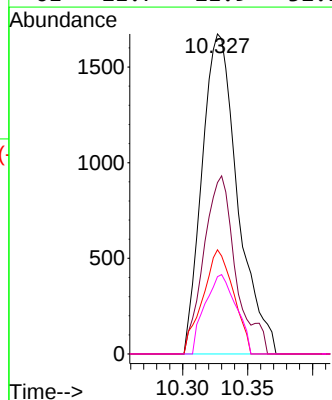
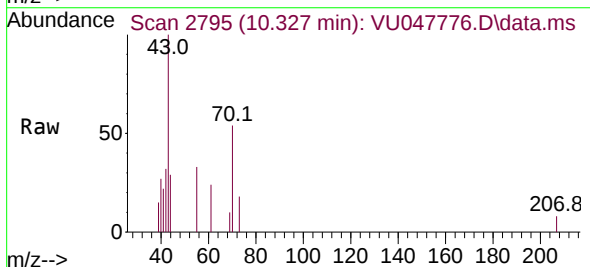
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

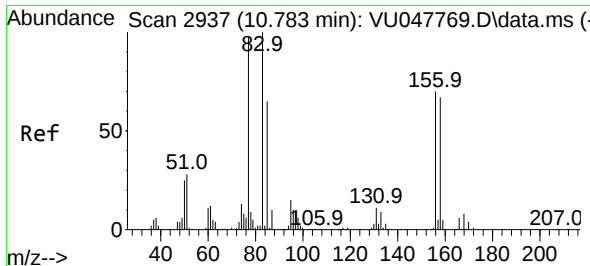
Tgt Ion:105 Resp: 7798
Ion Ratio Lower Upper
105 100
120 27.8 13.8 41.4



#74
N-ethyl acetate
Concen: 0.555 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
70 49.9 38.7 58.1
55 28.2 21.8 32.8
61 21.7 21.9 32.9#

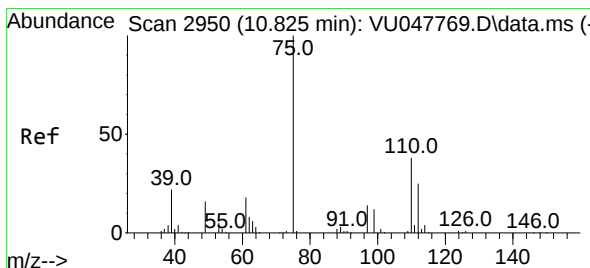
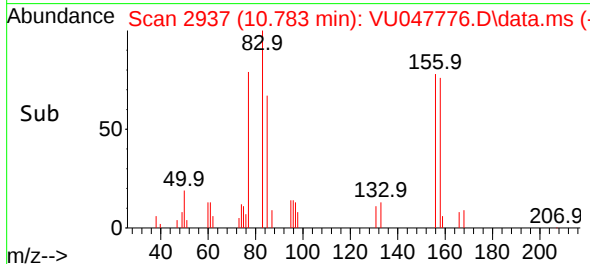
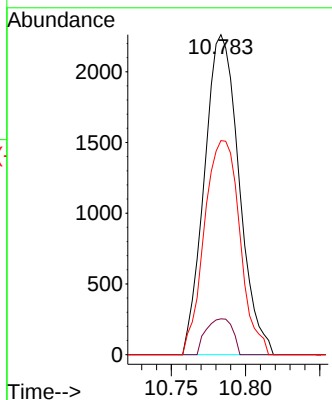
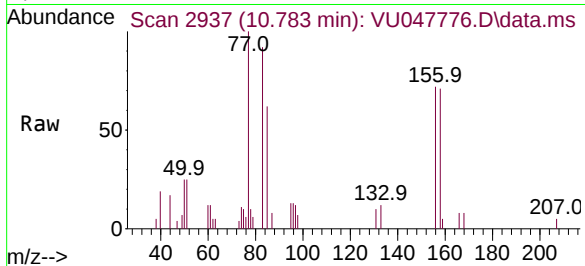




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.604 ug/l
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

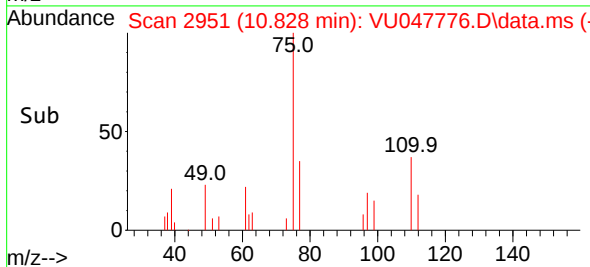
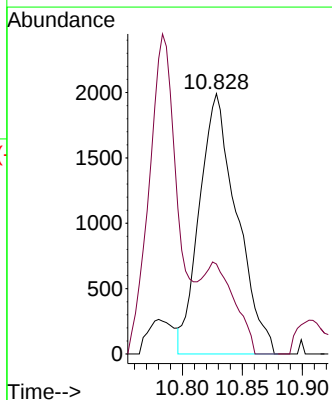
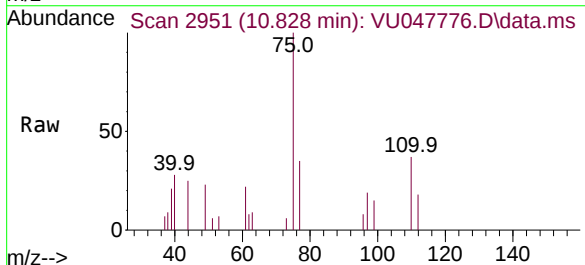
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

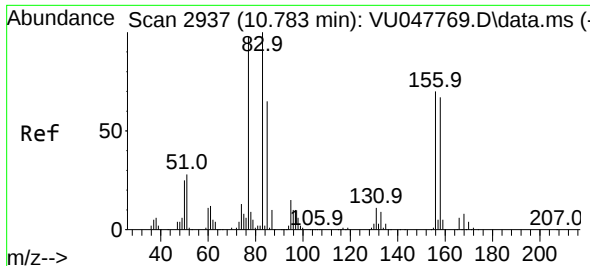
Tgt Ion: 83 Resp: 3670
 Ion Ratio Lower Upper
 83 100
 131 8.6 5.1 15.4
 85 68.6 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 0.621 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VU047776.D
 Acq: 31 Mar 2022 16:38

Tgt Ion: 75 Resp: 4321
 Ion Ratio Lower Upper
 75 100
 77 0.0 15.8 47.3#

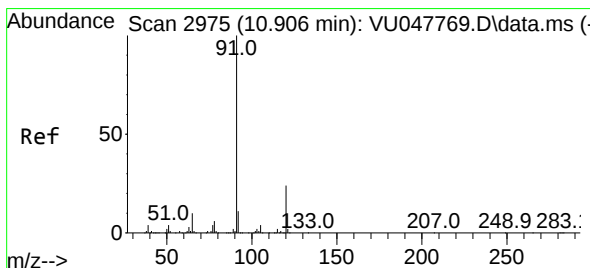
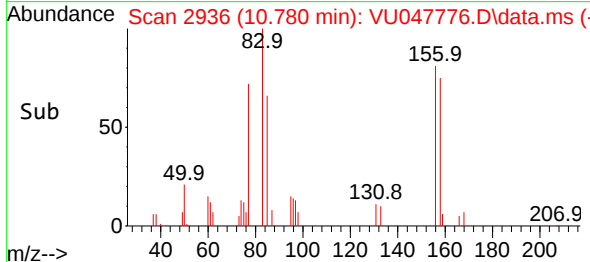
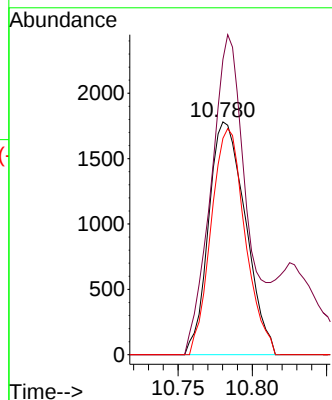
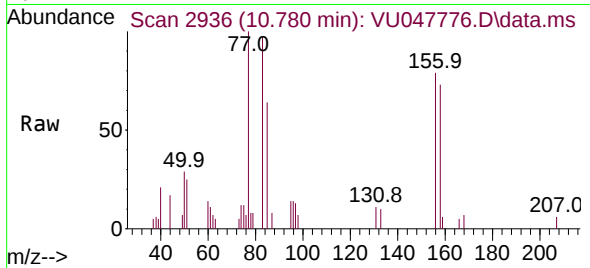




#77
Bromobenzene
Concen: 0.735 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

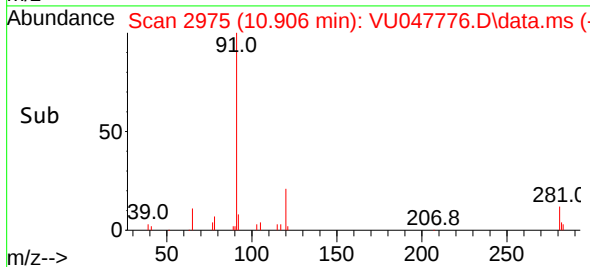
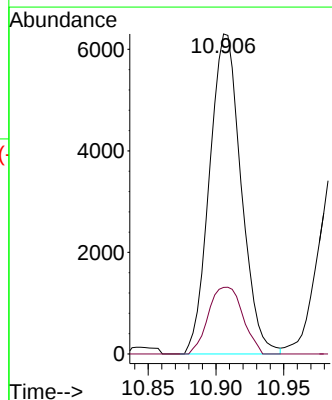
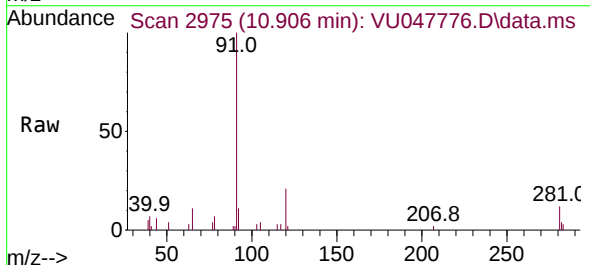
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

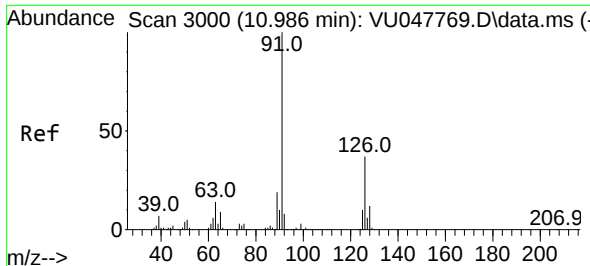
Tgt Ion:156 Resp: 3072
Ion Ratio Lower Upper
156 100
77 129.2 71.9 215.6
158 89.6 48.9 146.8



#78
n-propylbenzene
Concen: 0.588 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 91 Resp: 10225
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

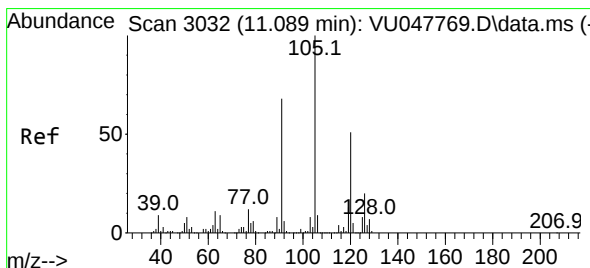
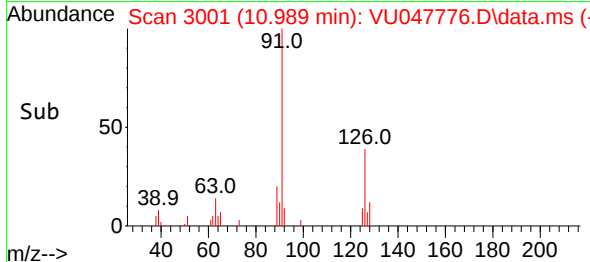
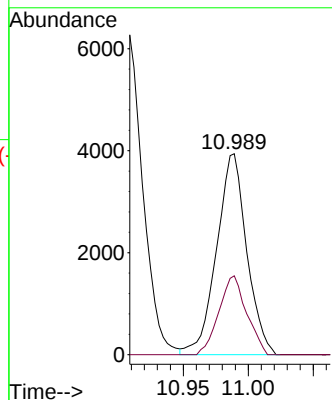
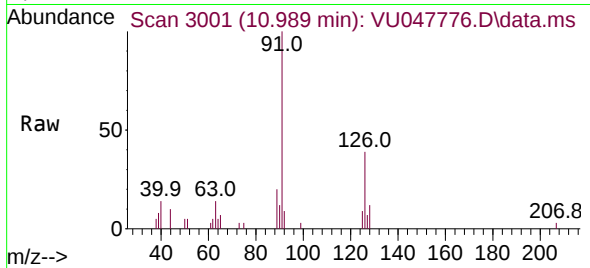




#79
2-Chlorotoluene
Concen: 0.609 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

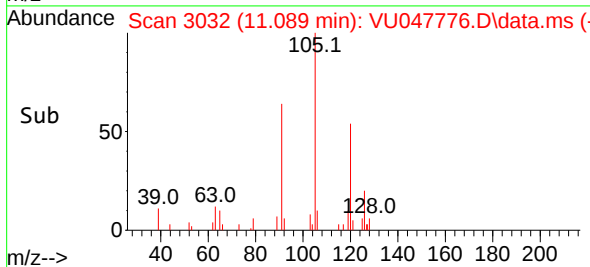
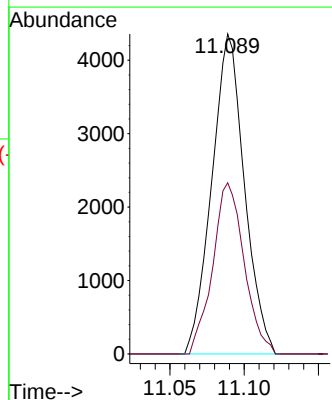
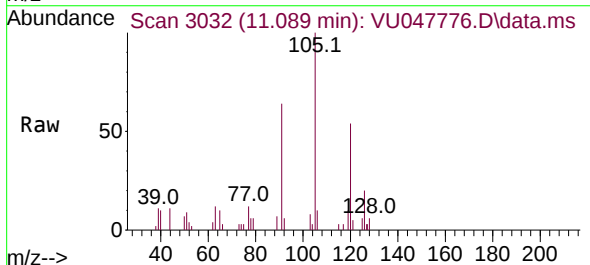
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

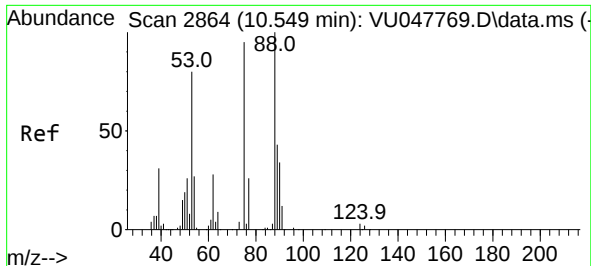
Tgt Ion: 91 Resp: 6361
Ion Ratio Lower Upper
91 100
126 36.0 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 0.542 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 105 Resp: 6645
Ion Ratio Lower Upper
105 100
120 51.7 25.3 75.9

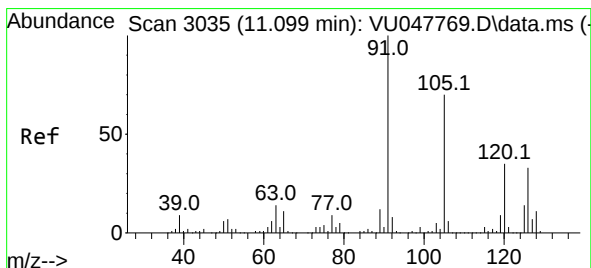
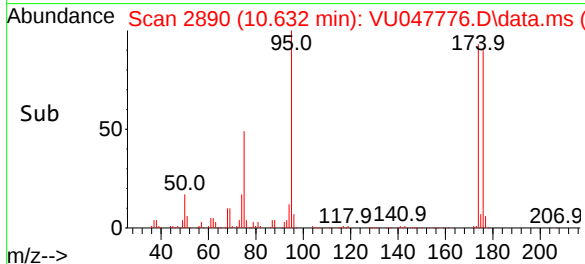
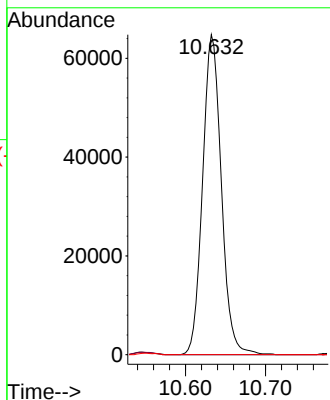
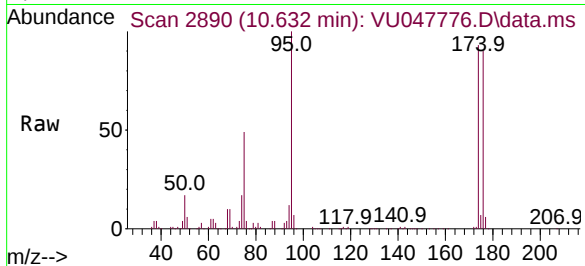




#81
trans-1,4-Dichloro-2-butene
Concen: 54.028 ug/l
RT: 10.632 min Scan# 2864
Delta R.T. 0.083 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

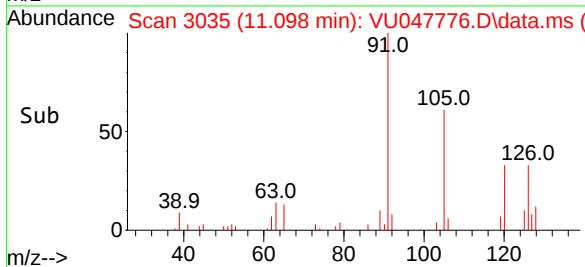
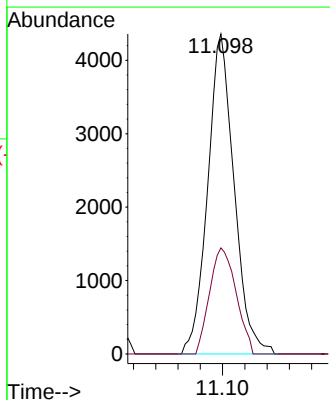
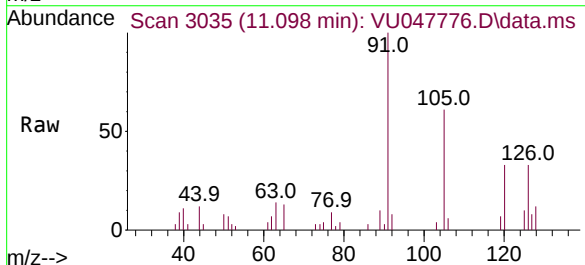
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

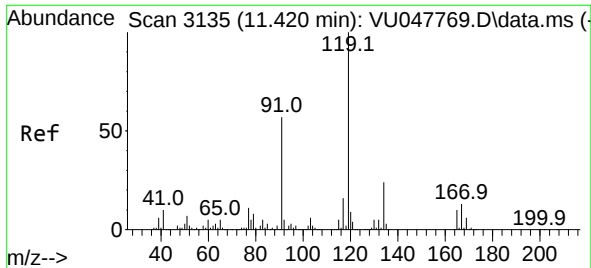
Tgt Ion: 75 Resp: 105675
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.592 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 91 Resp: 7176
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2

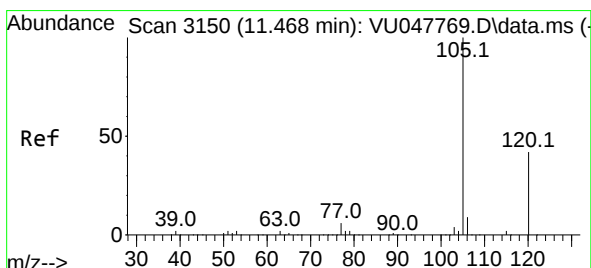
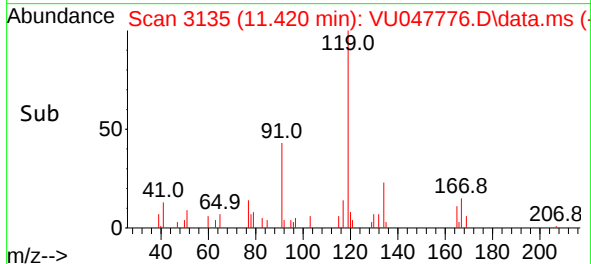
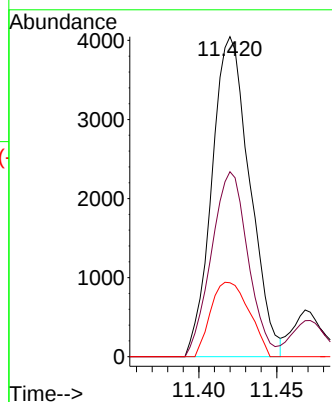
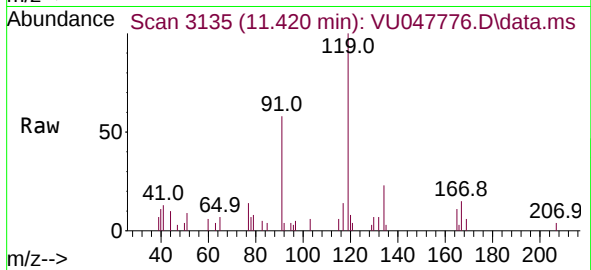




#83
tert-Butylbenzene
Concen: 0.544 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

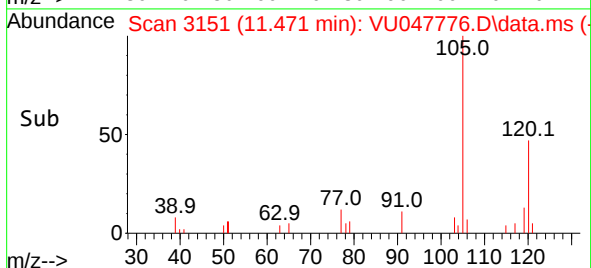
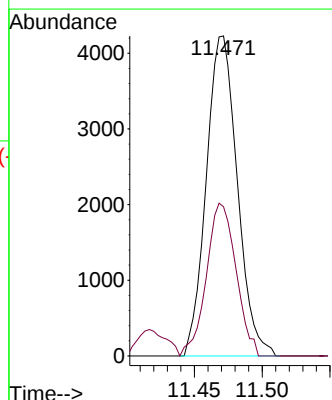
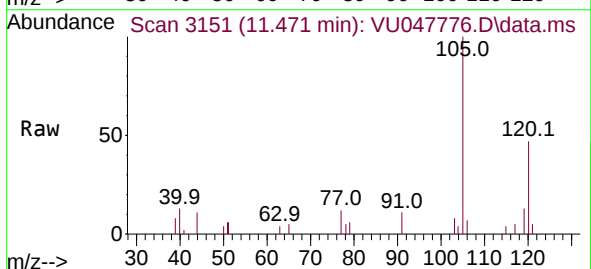
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

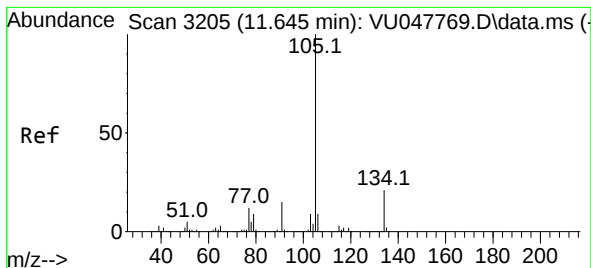
Tgt Ion:	119	Resp:	6855
Ion	Ratio	Lower	Upper
119	100		
91	55.8	26.8	80.3
134	23.6	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.553 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:	105	Resp:	6737
Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 0.540 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

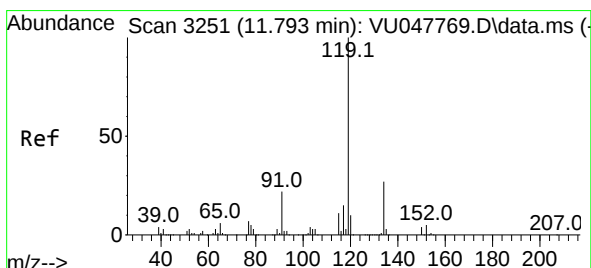
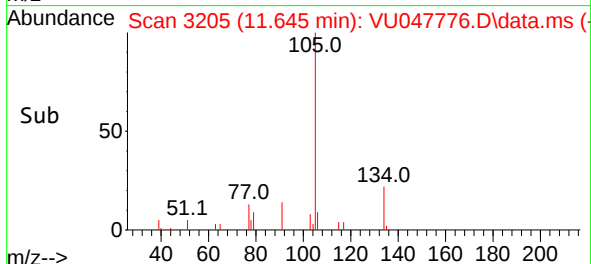
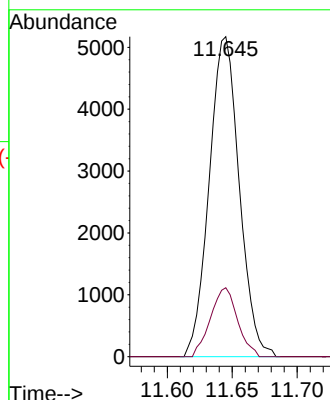
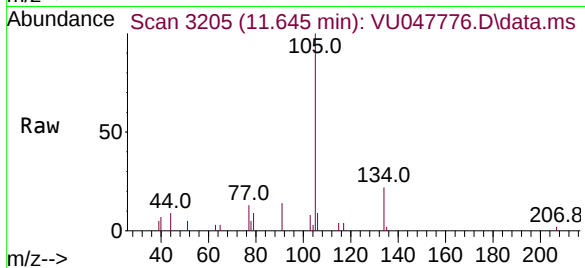
MDL02 0.5ppb

Tgt Ion:105 Resp: 8311

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.516 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

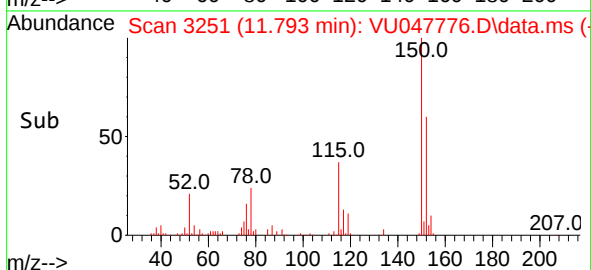
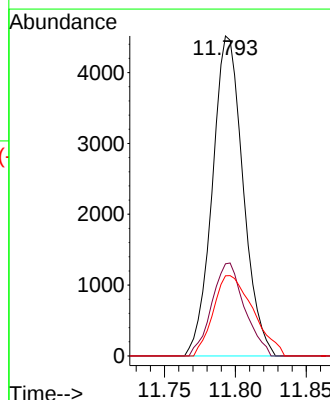
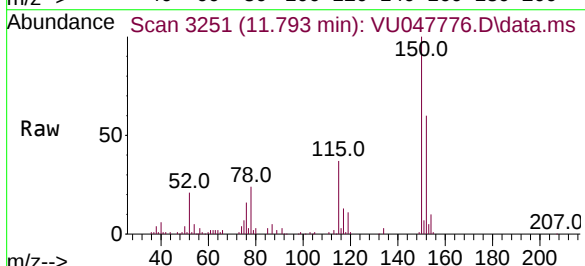
Tgt Ion:119 Resp: 6808

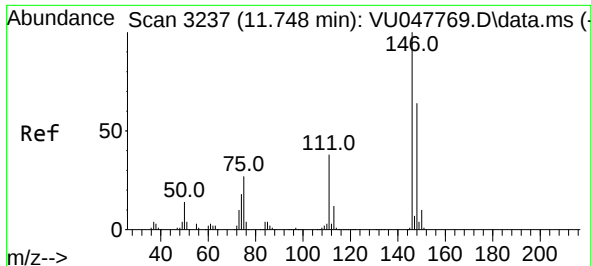
Ion Ratio Lower Upper

119 100

134 30.9 13.5 40.4

91 32.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 0.660 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

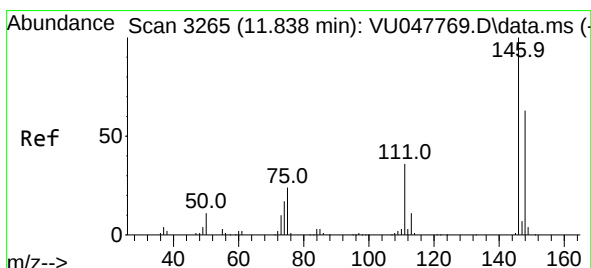
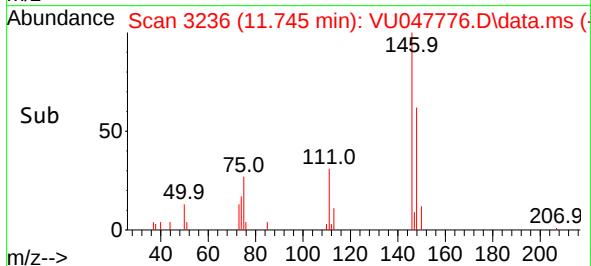
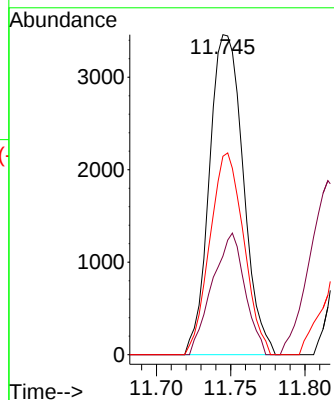
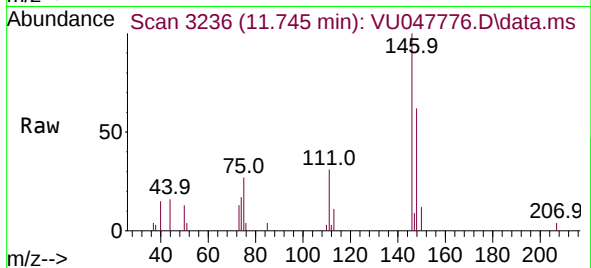
Tgt Ion:146 Resp: 5495

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.5

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.667 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

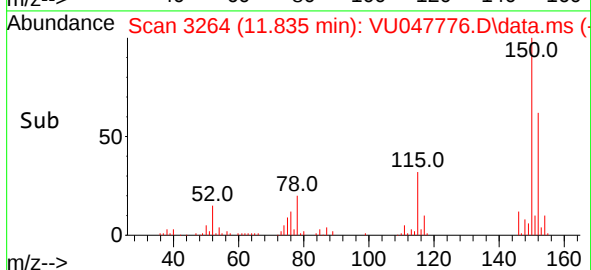
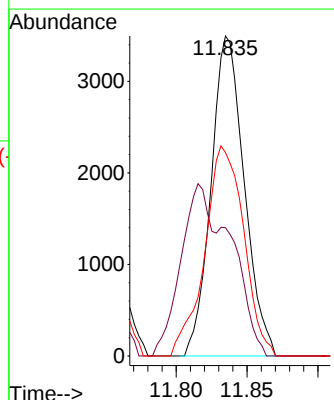
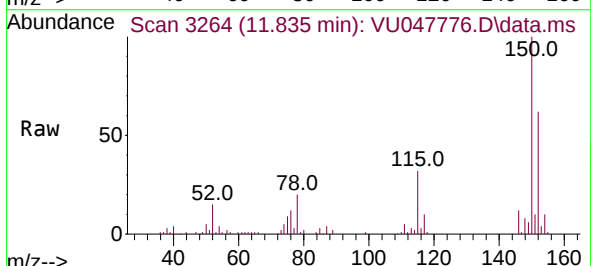
Tgt Ion:146 Resp: 5689

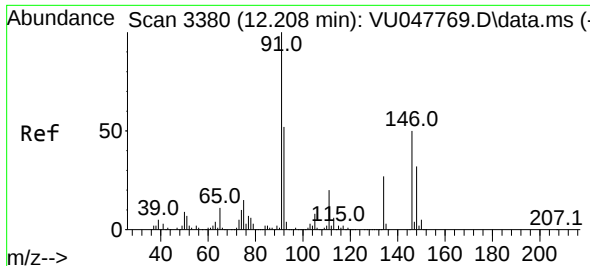
Ion Ratio Lower Upper

146 100

111 52.1 18.5 55.5

148 77.0 31.9 95.7

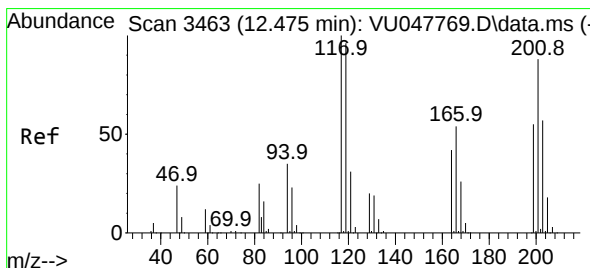
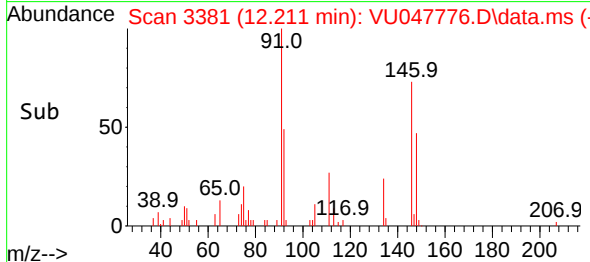
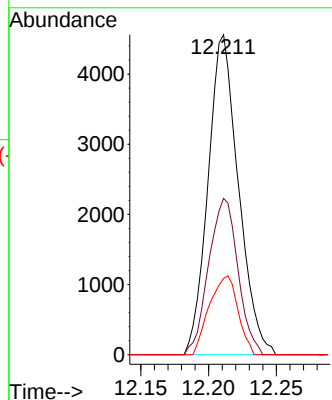
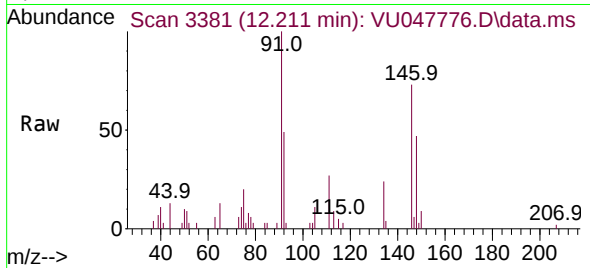




#89
n-Butylbenzene
Concen: 0.576 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

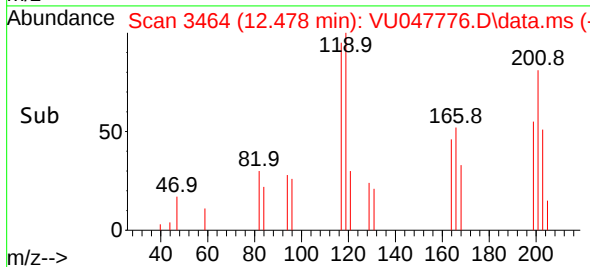
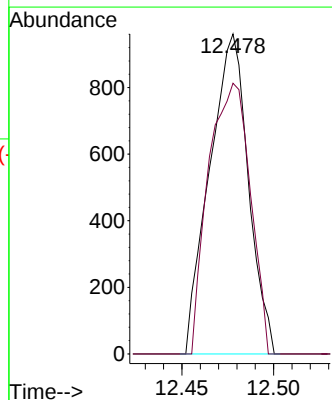
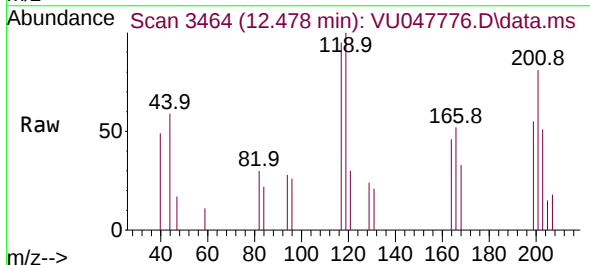
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

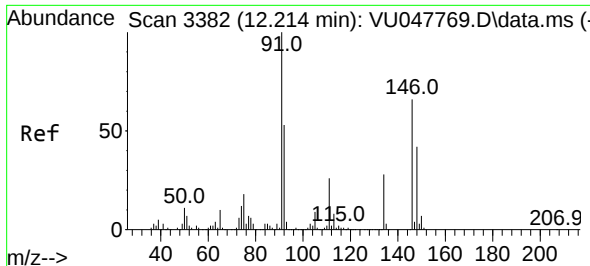
Tgt Ion: 91 Resp: 7100
Ion Ratio Lower Upper
91 100
92 47.1 26.2 78.6
134 23.1 13.5 40.4



#90
Hexachloroethane
Concen: 0.528 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 117 Resp: 1410
Ion Ratio Lower Upper
117 100
201 91.3 44.6 134.0

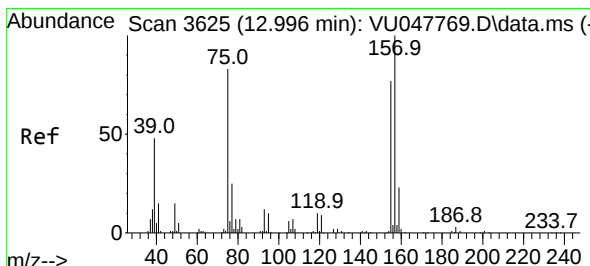
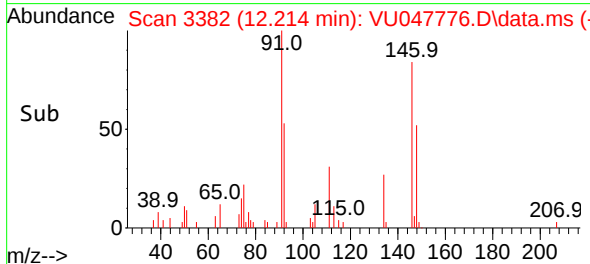
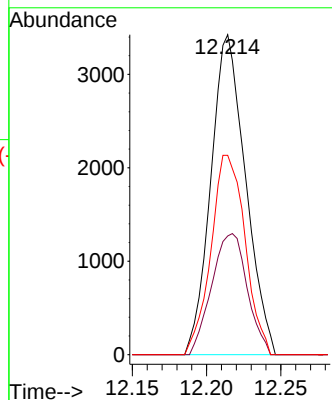
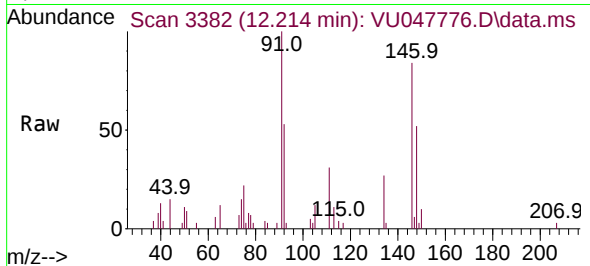




#91
1,2-Dichlorobenzene
Concen: 0.688 ug/l
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

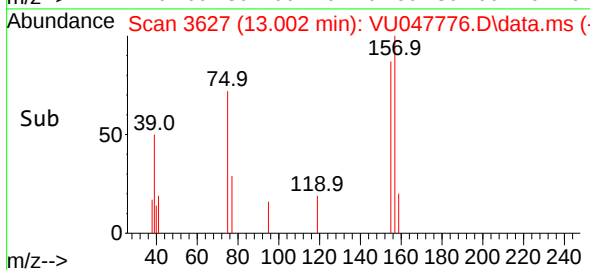
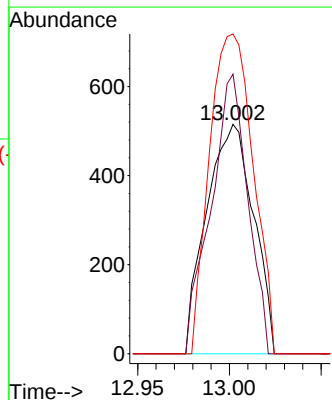
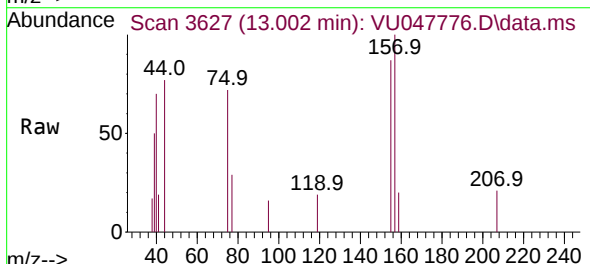
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

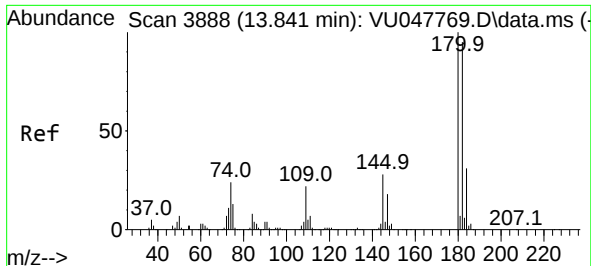
Tgt Ion:146 Resp: 5561
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.6
148 61.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.608 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
155 95.5 47.8 143.4
157 129.9 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 0.743 ug/l

RT: 13.844 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.5ppb

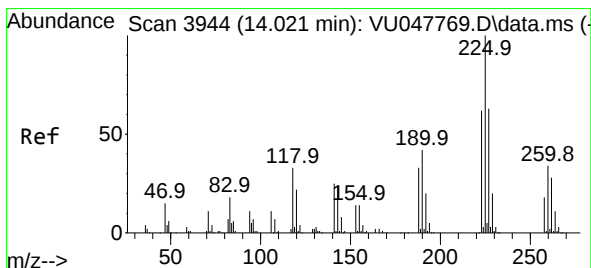
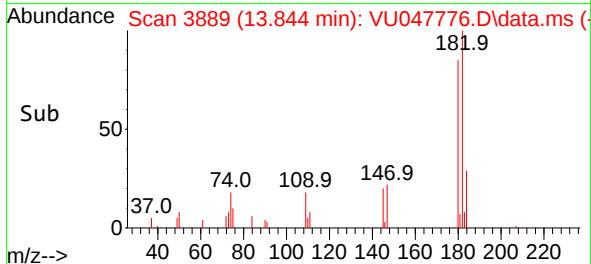
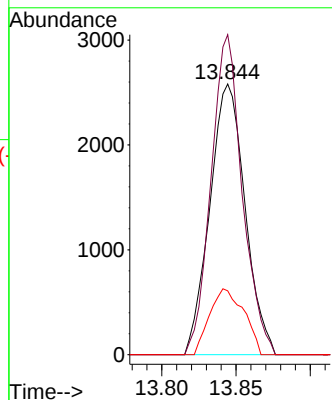
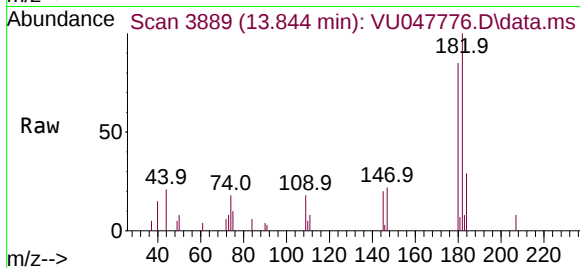
Tgt Ion:180 Resp: 4263

Ion Ratio Lower Upper

180 100

182 104.7 47.9 143.6

145 23.6 14.0 41.9



#94

Hexachlorobutadiene

Concen: 0.664 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.003 min

Lab File: VU047776.D

Acq: 31 Mar 2022 16:38

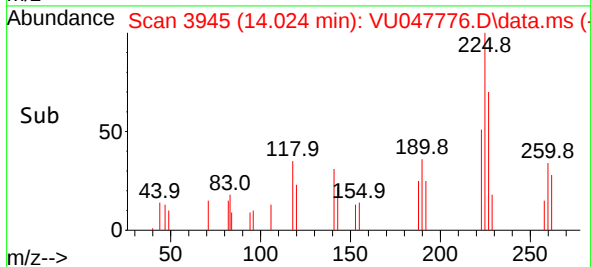
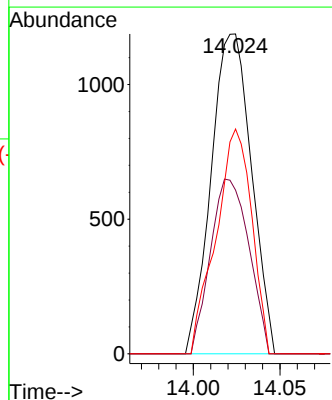
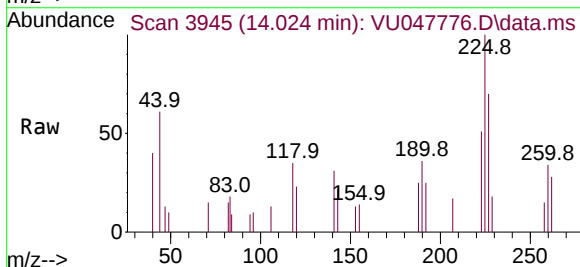
Tgt Ion:225 Resp: 1922

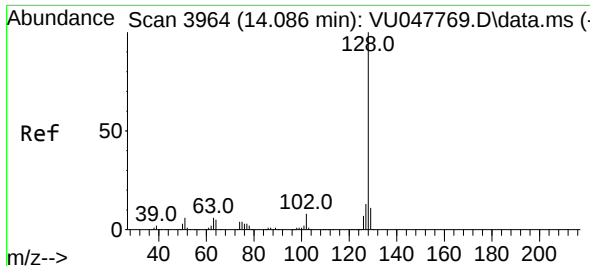
Ion Ratio Lower Upper

225 100

223 52.2 31.3 93.9

227 62.4 32.0 96.2

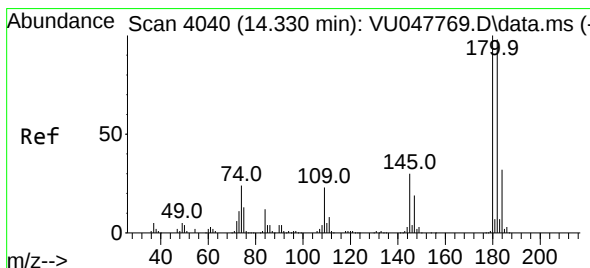
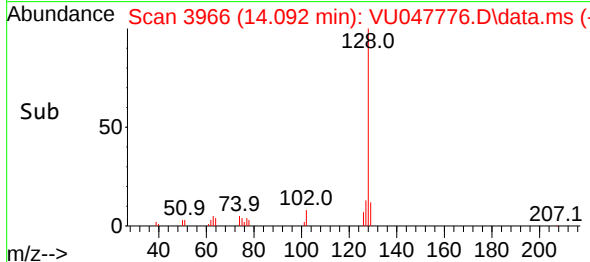
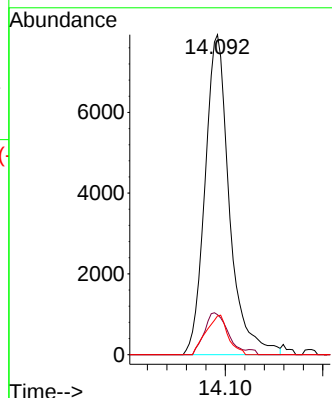
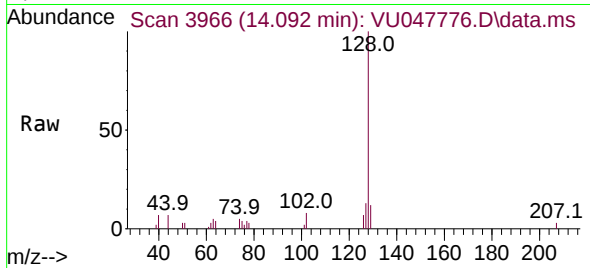




#95
Naphthalene
Concen: 0.805 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.5ppb

Tgt Ion:128	Resp:	13754
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.3 15.5
129	11.1	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.763 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047776.D
Acq: 31 Mar 2022 16:38

Tgt Ion:180	Resp:	4269
Ion Ratio	Lower	Upper
180	100	
182	101.0	48.4 145.0
145	31.2	14.8 44.4

