

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047075.D
 Acq On : 10 Feb 2022 15:24
 Operator : SY/MD
 Sample : VSTD05045
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 10 15:50:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	503973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	469686	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	252589	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	224062	50.35	ug/L	0.00
7) Chloroethane-d5	1.919	69	169780	51.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	366560	48.88	ug/L	0.00
21) 2-Butanone-d5	4.629	46	362996	109.79	ug/L	0.00
24) Chloroform-d	5.067	84	360561	46.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	231460	47.09	ug/L	0.00
32) Benzene-d6	5.732	84	769744	51.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	247625	53.75	ug/L	0.00
41) Toluene-d8	7.899	98	728597	54.42	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	130181	57.90	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	286853	117.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	357777	50.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	288237	53.58	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	217382	47.26	ug/L	98
3) Chloromethane	1.527	50	216338	51.67	ug/L	100
5) Vinyl chloride	1.607	62	218341	50.74	ug/L	99
6) Bromomethane	1.864	94	130246	48.19	ug/L	96
8) Chloroethane	1.938	64	128162	49.24	ug/L	96
9) Trichlorofluoromethane	2.144	101	252778	41.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	153902	44.27	ug/L	95
12) 1,1-Dichloroethene	2.588	96	151825	46.00	ug/L	98
13) Acetone	2.642	43	246200	83.41	ug/L	96
14) Carbon disulfide	2.800	76	482838	48.62	ug/L	100
15) Methyl Acetate	2.954	43	206184	52.39	ug/L	95
16) Methylene chloride	3.051	84	170874	42.38	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	160966	46.64	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	542160	51.93	ug/L	96
19) 1,1-Dichloroethane	3.877	63	301925	47.77	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	180828	48.75	ug/L #	96
22) 2-Butanone	4.710	43	337114	97.49	ug/L	96
23) Bromochloromethane	4.980	128	93940	47.53	ug/L	97
25) Chloroform	5.092	83	297557	43.92	ug/L	99
27) 1,2-Dichloroethane	5.797	62	235418	45.14	ug/L	100
29) Cyclohexane	5.395	56	287603	56.69	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	263937	46.80	ug/L	99
31) Carbon tetrachloride	5.530	117	229931	46.91	ug/L	99
33) Benzene	5.777	78	688252	49.62	ug/L	100
34) Trichloroethene	6.546	95	179154	49.01	ug/L	99
35) Methylcyclohexane	6.768	83	300462	52.73	ug/L	96
37) 1,2-Dichloropropane	6.793	63	183550	51.30	ug/L	99
38) Bromodichloromethane	7.108	83	234907	48.32	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	305083	54.70	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	588543	116.81	ug/L	95
42) Toluene	7.970	91	757200	51.65	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	291008	53.81	ug/L	98

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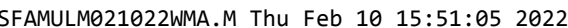
Instrument :
 MSVOA_U
 ClientSampleId :

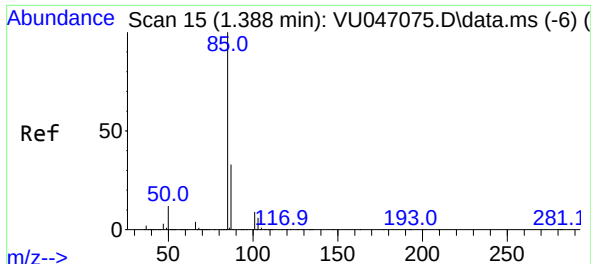
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 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	173055	47.92	ug/L	98
46) Tetrachloroethene	8.555	164	142789	51.05	ug/L	95
48) 2-Hexanone	8.684	43	492440	116.39	ug/L	95
49) Dibromochloromethane	8.813	129	201078	50.03	ug/L	99
50) 1,2-Dibromoethane	8.925	107	192450	50.70	ug/L	99
51) Chlorobenzene	9.449	112	486070	50.75	ug/L	100
52) Ethylbenzene	9.571	91	829226	52.93	ug/L	98
53) m,p-Xylene	9.697	106	330013	54.36	ug/L	94
54) o-xylene	10.102	106	321593	55.24	ug/L	97
55) Styrene	10.115	104	552839	54.50	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	305289	48.23	ug/L	99
59) Bromoform	10.292	173	164152	52.73	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	251782	47.84	ug/L	97
61) Isopropylbenzene	10.488	105	837601	54.15	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	585595	46.90	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	712427	55.04	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	388308	50.23	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	386746	48.23	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	382319	49.35	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	77934	49.20	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	297204	49.98	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	282115	54.73	ug/L	99
71) Naphthalene	14.086	128	1016873	60.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	283630	54.82	ug/L	98

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

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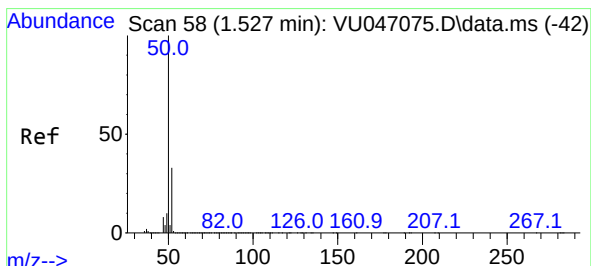
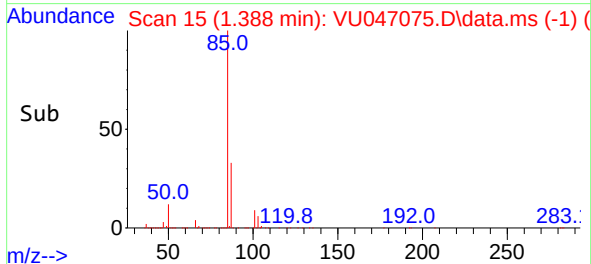
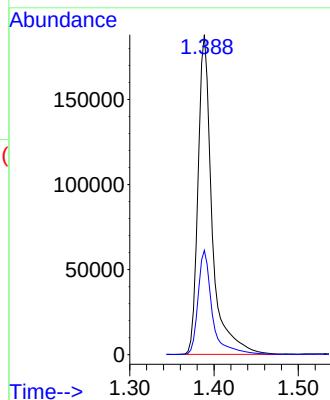
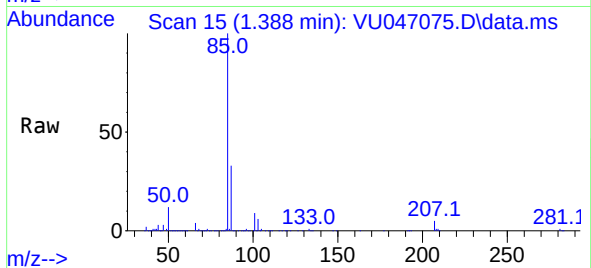




#2
Dichlorodifluoromethane
Concen: 47.26 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

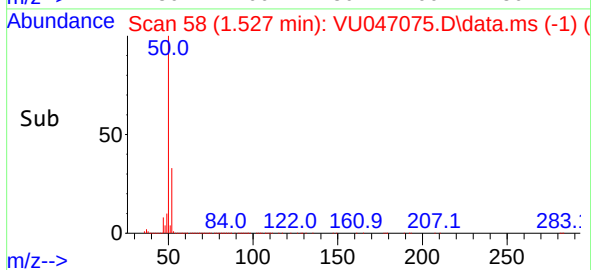
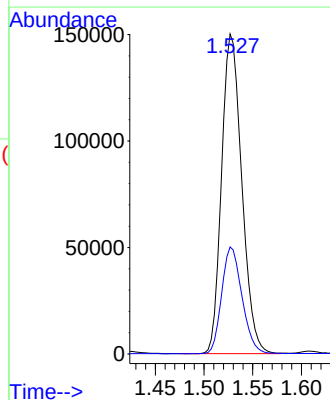
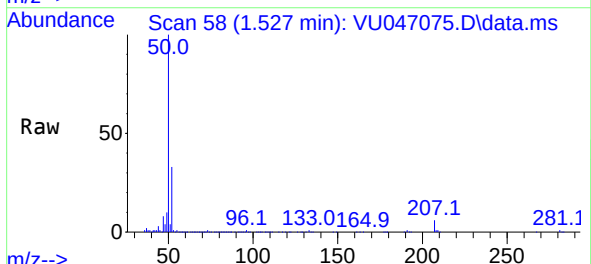
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MSVOA_U
ClientSampleId :

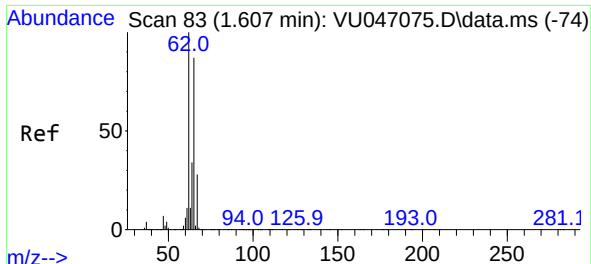
Tgt Ion: 85 Resp: 217382
Ion Ratio Lower Upper
85 100
87 32.9 25.6 38.4



#3
Chloromethane
Concen: 51.67 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 50 Resp: 216338
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

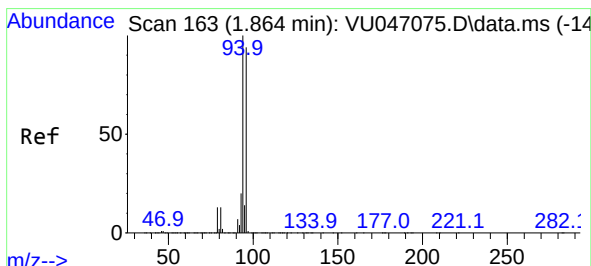
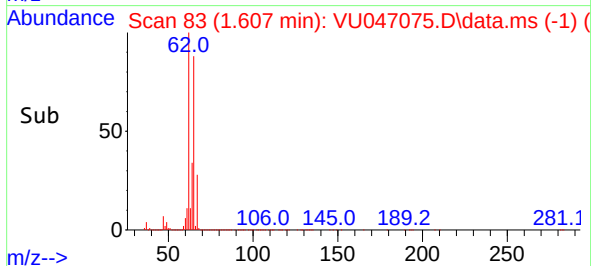
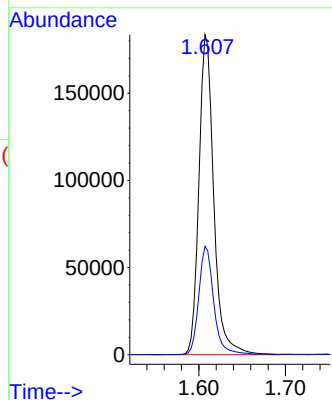
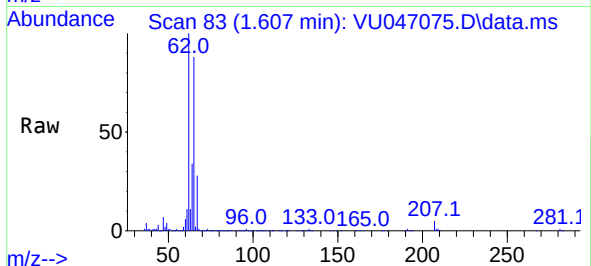




#5
 Vinyl chloride
 Concen: 50.74 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

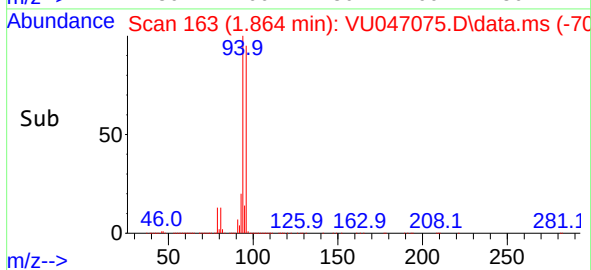
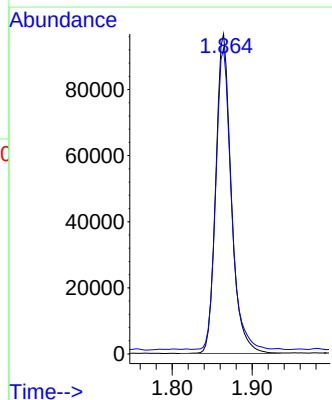
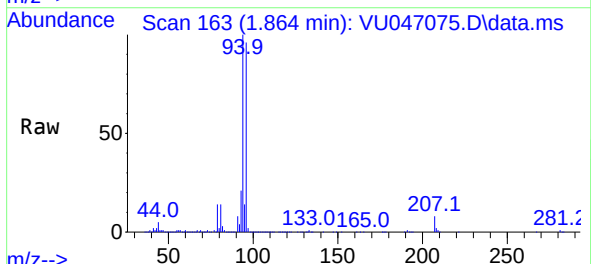
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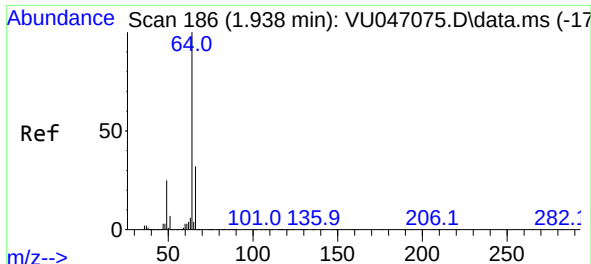
Tgt Ion: 62 Resp: 218341
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 48.19 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

Tgt Ion: 94 Resp: 130246
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.4 119.6

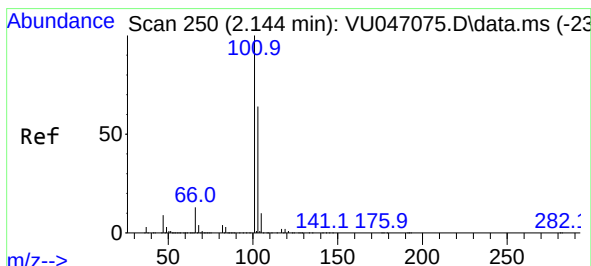
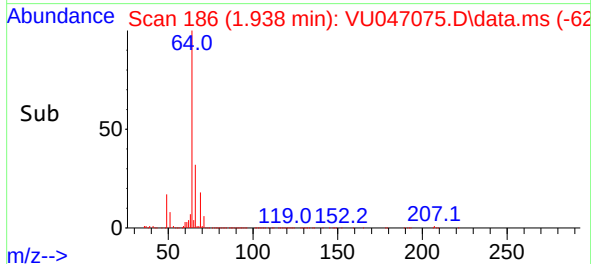
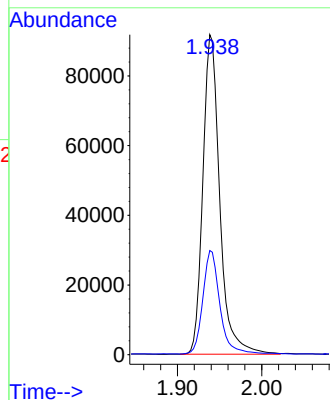
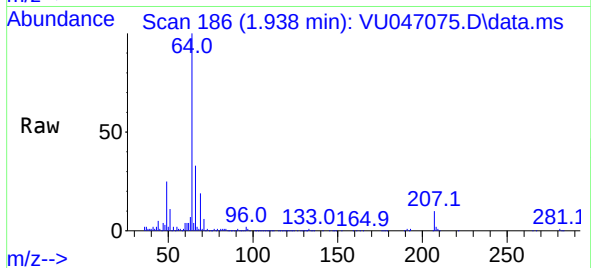




#8
Chloroethane
Concen: 49.24 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

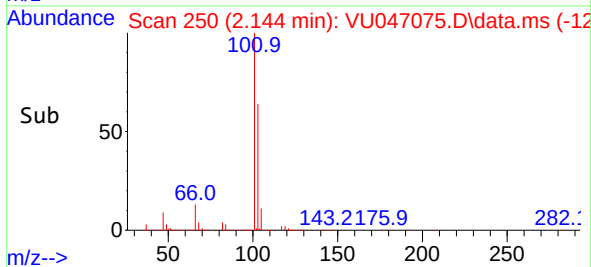
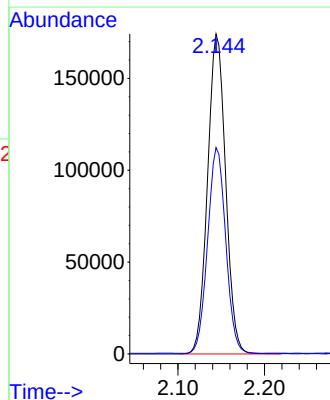
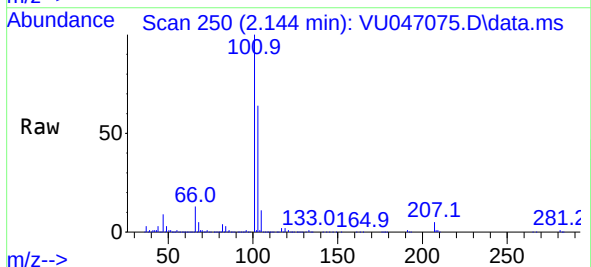
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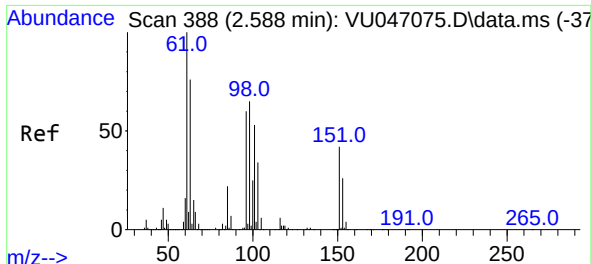
Tgt Ion: 64 Resp: 128162
Ion Ratio Lower Upper
64 100
66 32.5 24.4 45.2



#9
Trichlorofluoromethane
Concen: 41.43 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion:101 Resp: 252778
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

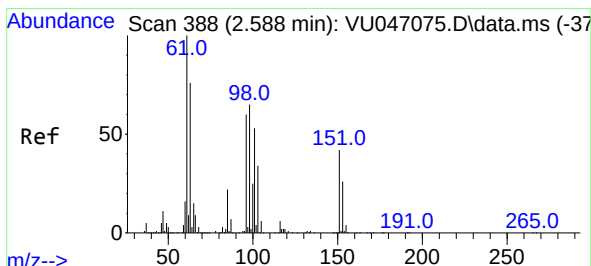
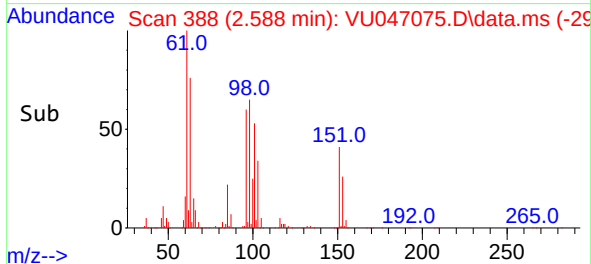
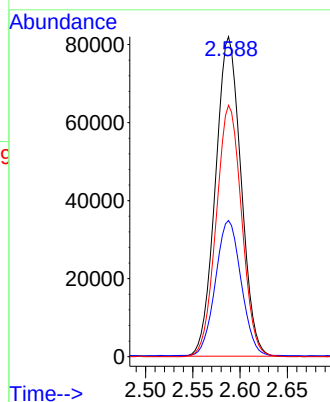
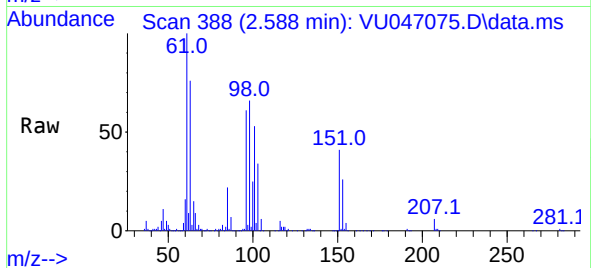




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.27 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

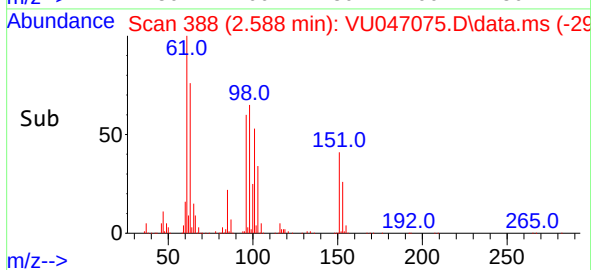
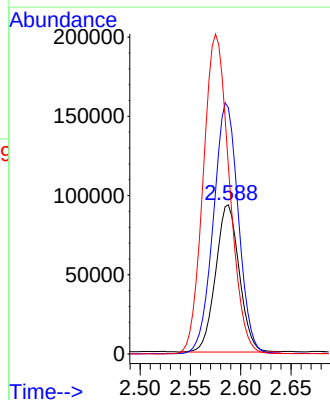
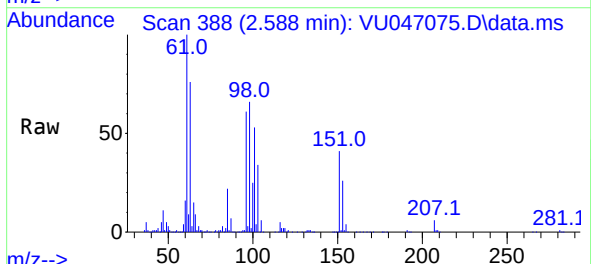
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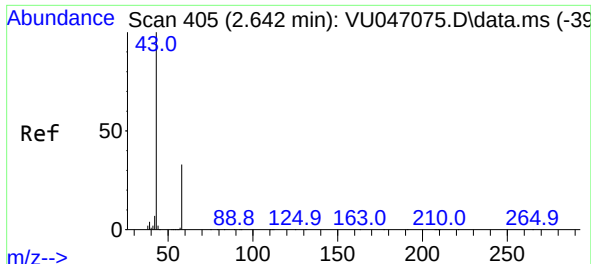
Tgt Ion:101 Resp: 153902
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 78.5 58.3 87.5



#12
1,1-Dichloroethene
Concen: 46.00 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 96 Resp: 151825
Ion Ratio Lower Upper
96 100
61 165.2 114.9 213.3
63 125.9 86.0 159.8

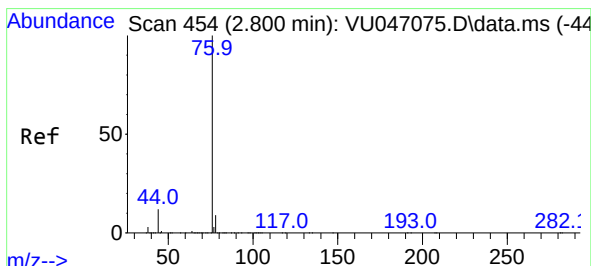
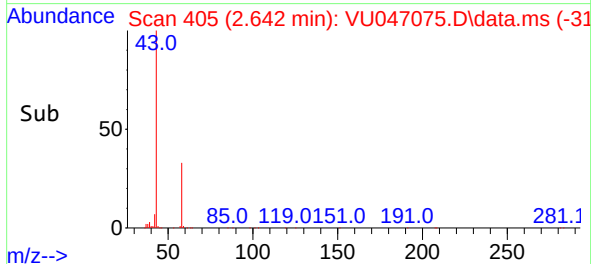
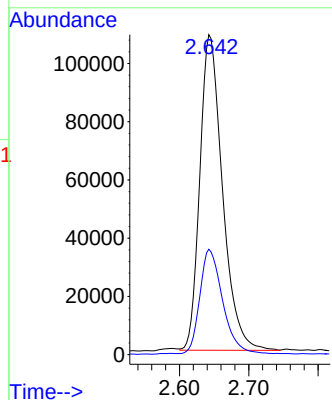
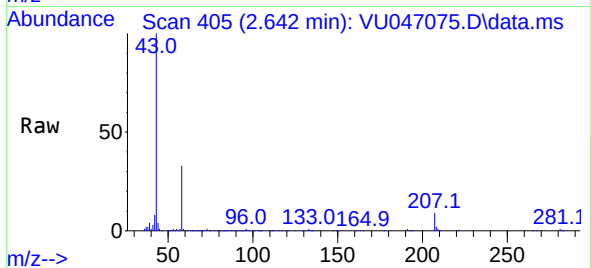




#13
Acetone
Concen: 83.41 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU047075.D
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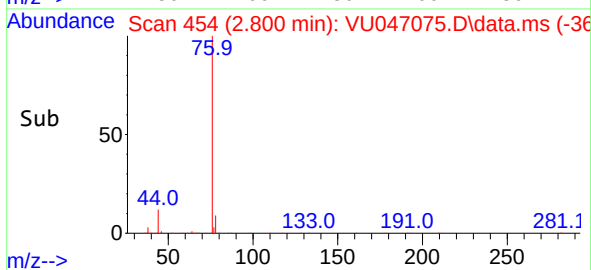
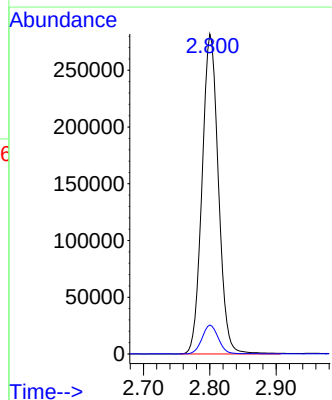
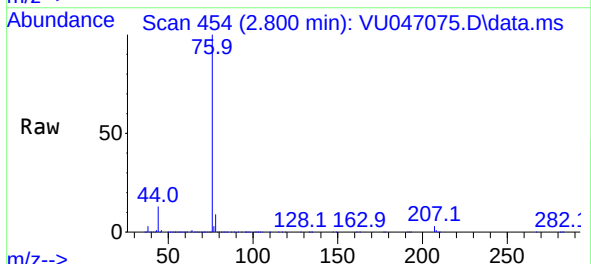
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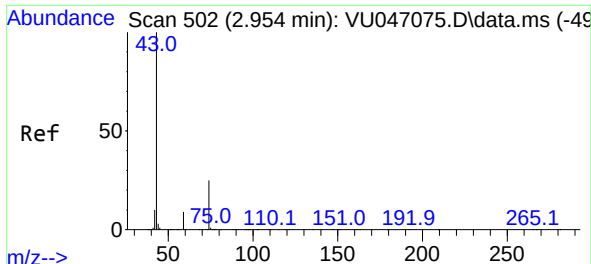
Tgt Ion: 43 Resp: 246200
Ion Ratio Lower Upper
43 100
58 33.0 0.0 71.0



#14
Carbon disulfide
Concen: 48.62 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 76 Resp: 482838
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

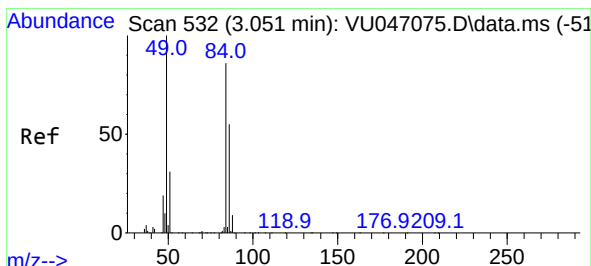
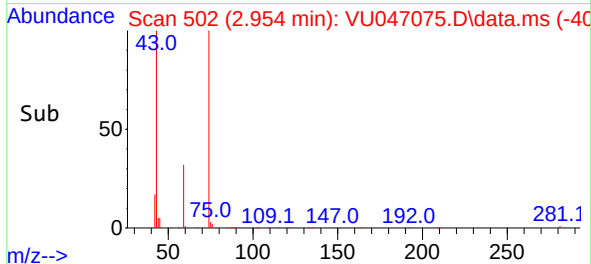
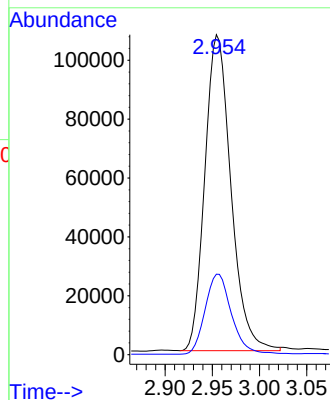
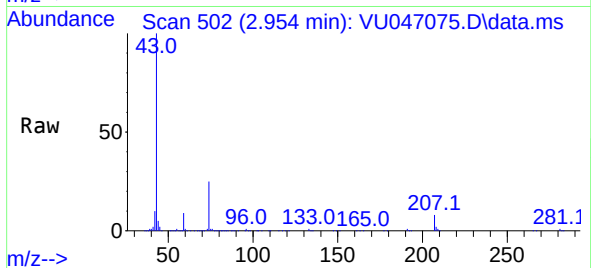




#15
Methyl Acetate
Concen: 52.39 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

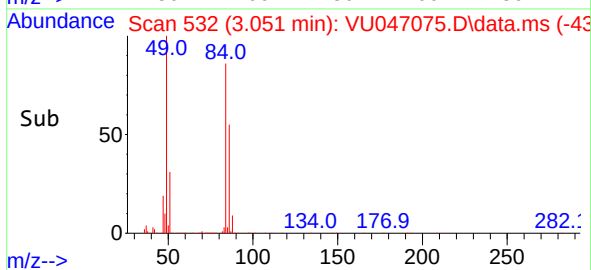
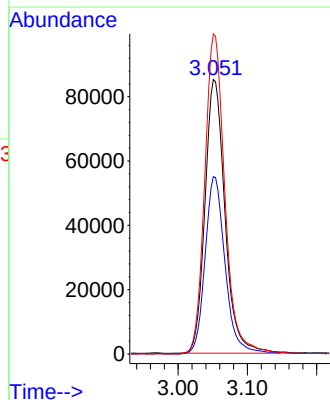
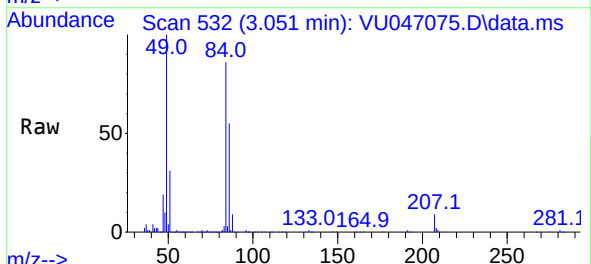
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MSVOA_U
ClientSampleId :

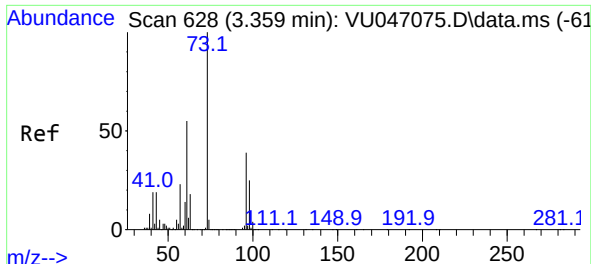
Tgt Ion: 43 Resp: 206184
Ion Ratio Lower Upper
43 100
74 25.4 22.3 33.5



#16
Methylene chloride
Concen: 42.38 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

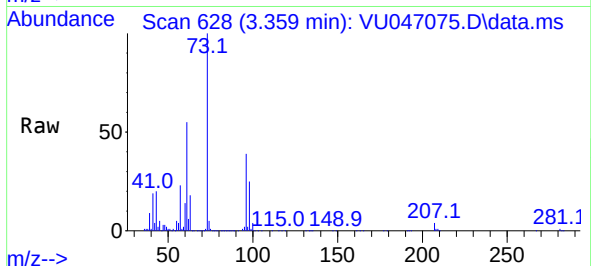
Tgt Ion: 84 Resp: 170874
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 116.6 75.9 141.1



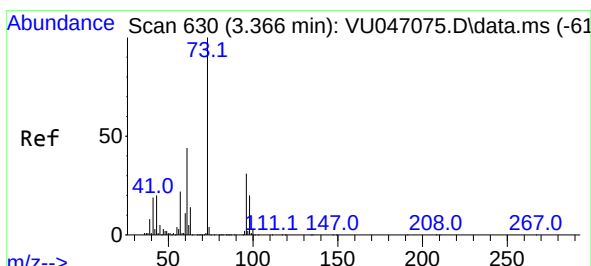
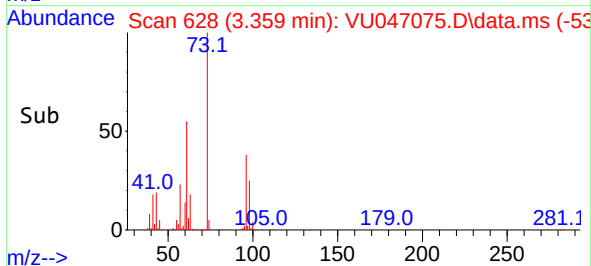
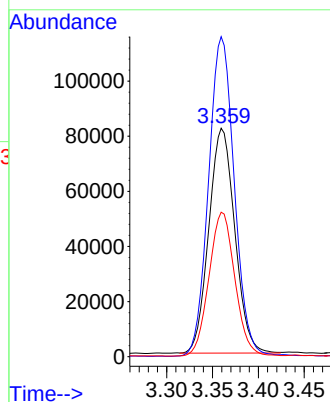


#17
trans-1,2-Dichloroethene
Concen: 46.64 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

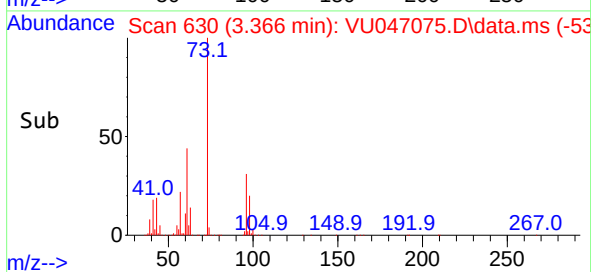
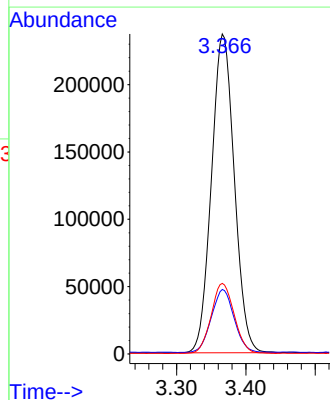
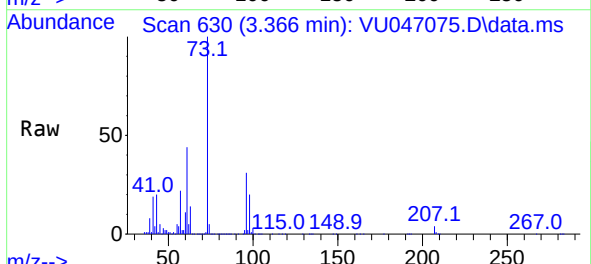


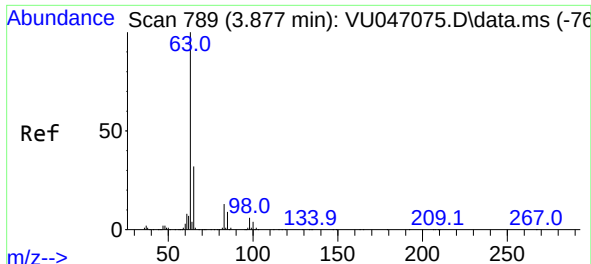
Tgt Ion: 96 Resp: 160966
Ion Ratio Lower Upper
96 100
61 140.1 92.5 171.9
98 63.2 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 51.93 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

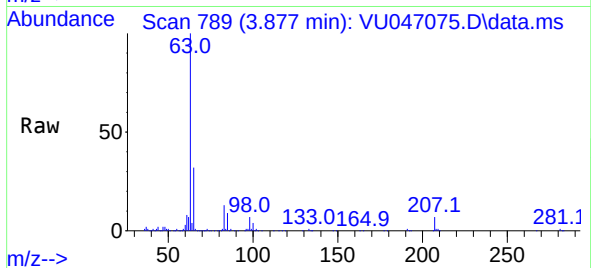
Tgt Ion: 73 Resp: 542160
Ion Ratio Lower Upper
73 100
43 19.7 14.1 21.1
57 22.1 16.4 24.6



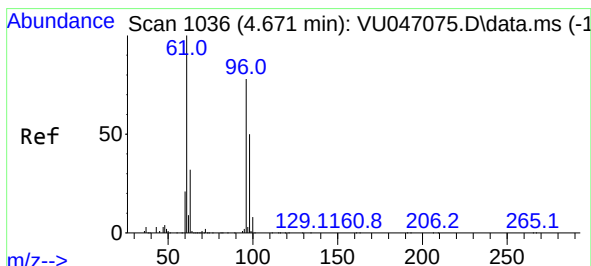
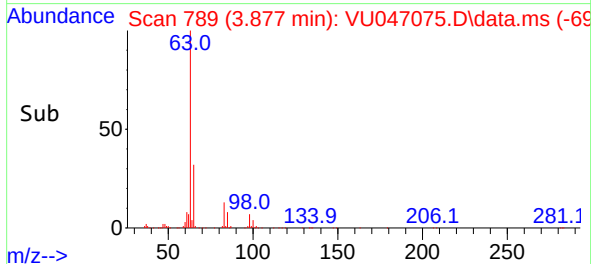
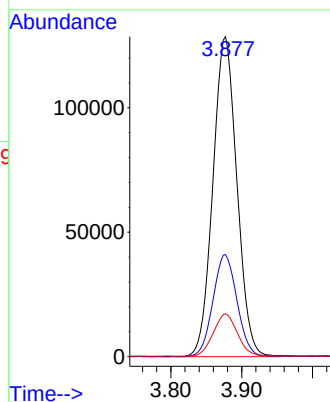


#19
1,1-Dichloroethane
Concen: 47.77 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

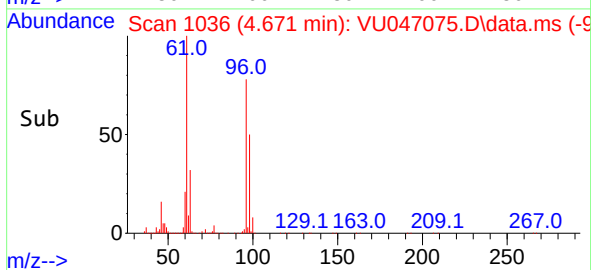
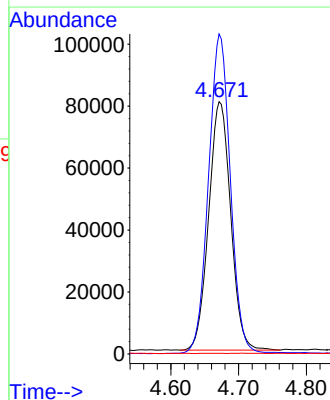
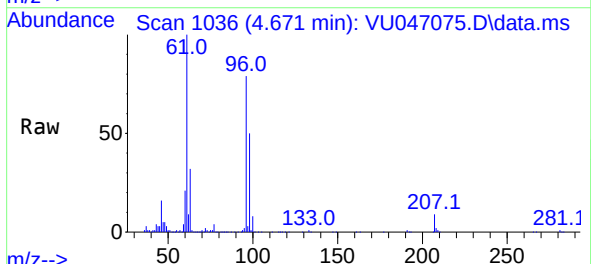


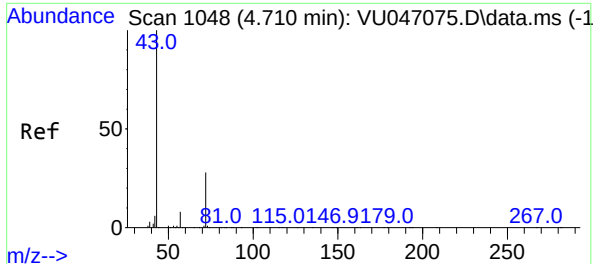
Tgt Ion: 63 Resp: 301925
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 13.4 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 48.75 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 96 Resp: 180828
Ion Ratio Lower Upper
96 100
61 126.8 86.0 159.6
68 0.3 0.0 0.0#

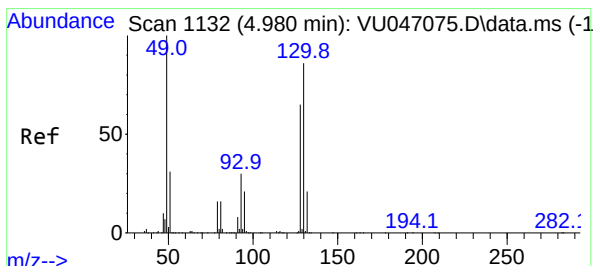
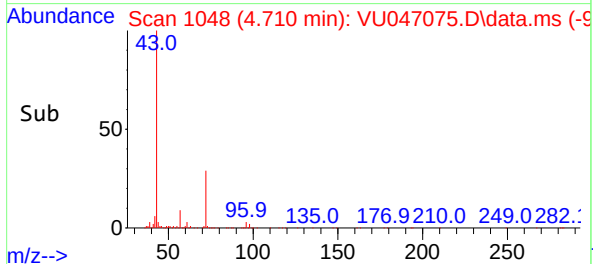
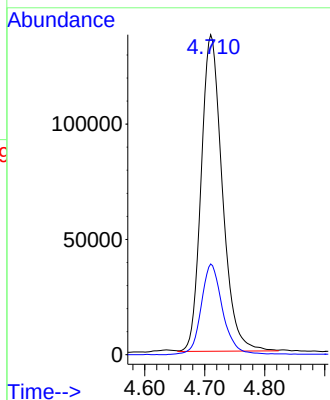
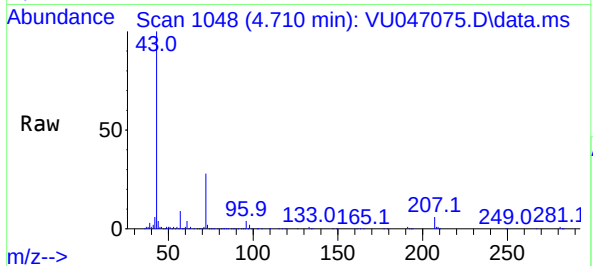




#22
2-Butanone
Concen: 97.49 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

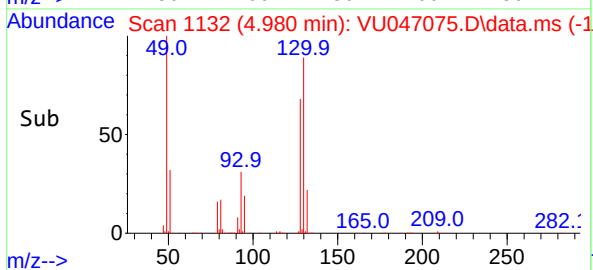
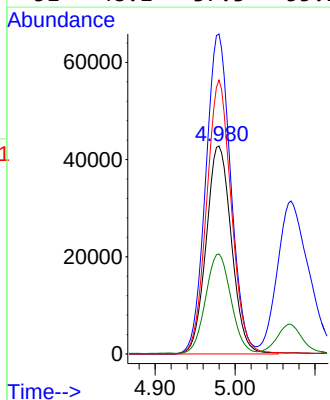
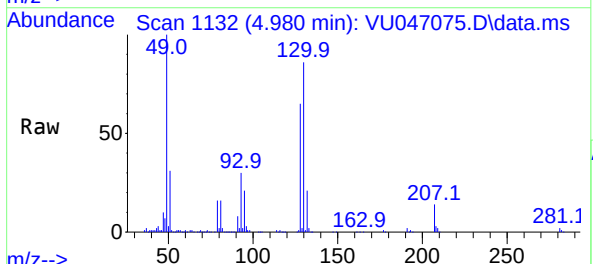
Instrument :
MSVOA_U
ClientSampleId :

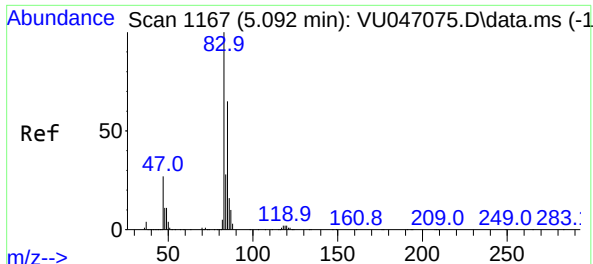
Tgt Ion: 43 Resp: 337114
Ion Ratio Lower Upper
43 100
72 29.0 15.6 46.8



#23
Bromochloromethane
Concen: 47.53 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion:128 Resp: 93940
Ion Ratio Lower Upper
128 100
49 153.9 105.4 195.8
130 131.7 88.7 164.7
51 48.1 37.3 55.9

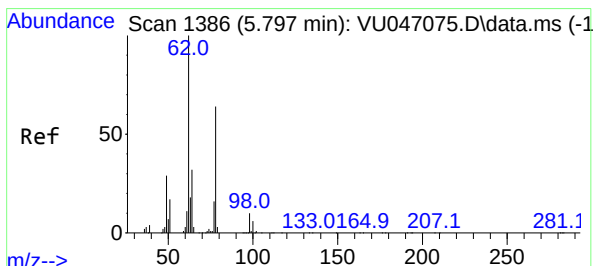
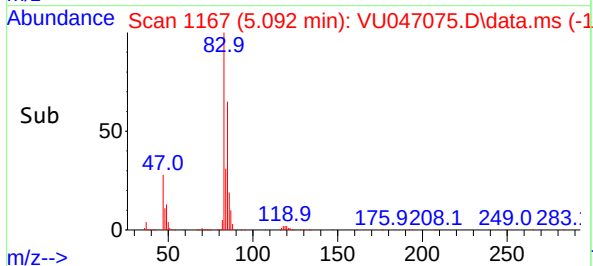
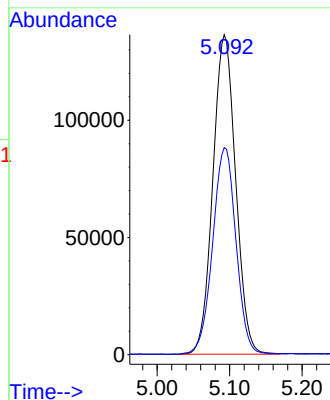
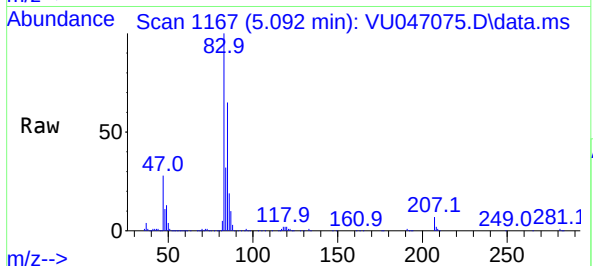




#25
Chloroform
Concen: 43.92 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

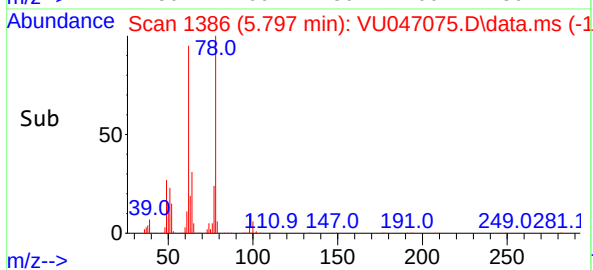
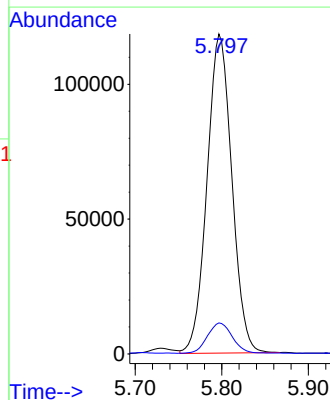
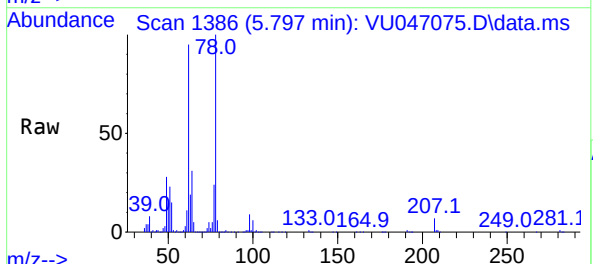
Instrument :
MSVOA_U
ClientSampleId :

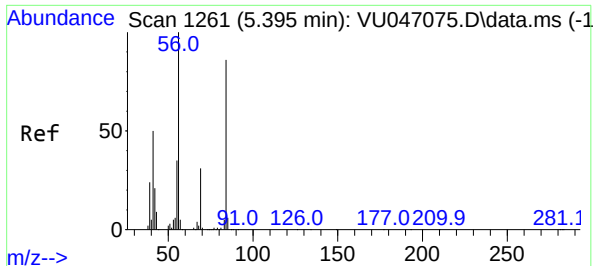
Tgt Ion: 83 Resp: 297557
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 45.14 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

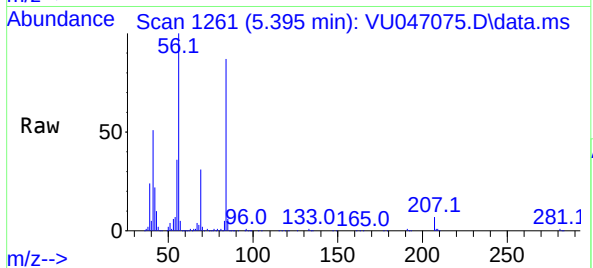
Tgt Ion: 62 Resp: 235418
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5



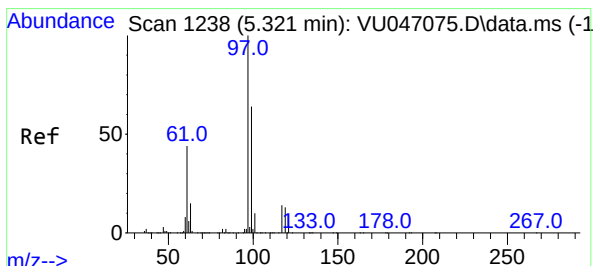
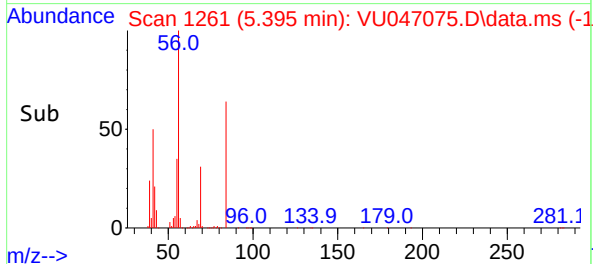
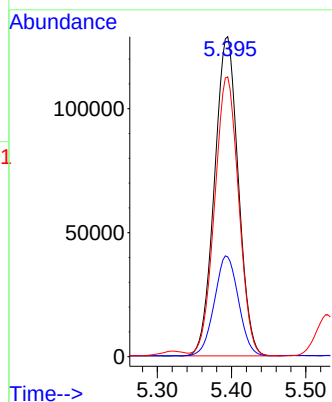


#29
Cyclohexane
Concen: 56.69 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

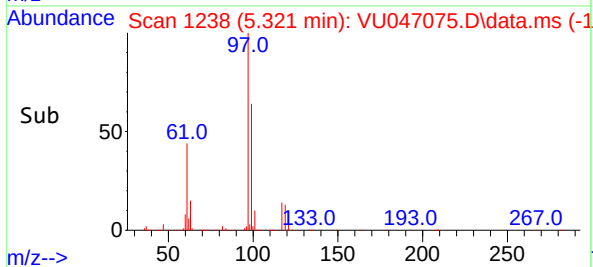
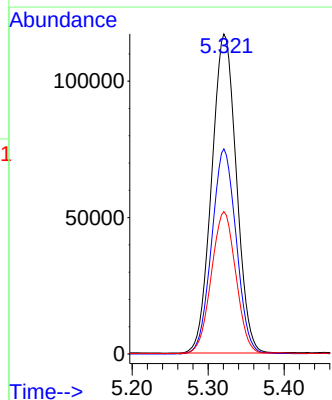
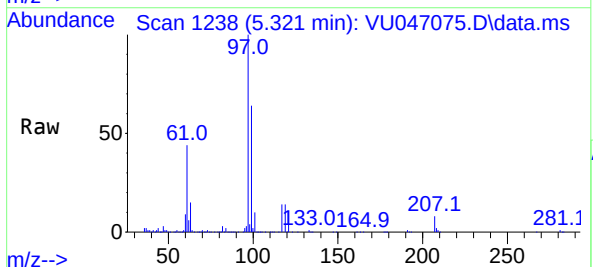


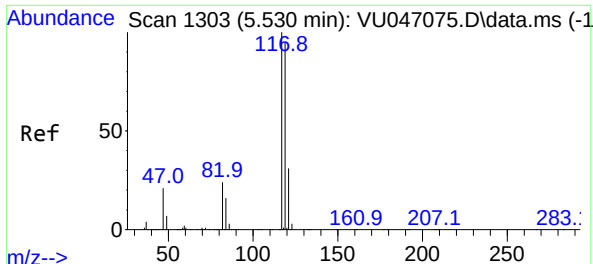
Tgt Ion: 56 Resp: 287603
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 88.1 74.2 111.2



#30
1,1,1-Trichloroethane
Concen: 46.80 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 97 Resp: 263937
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 44.2 34.1 51.1

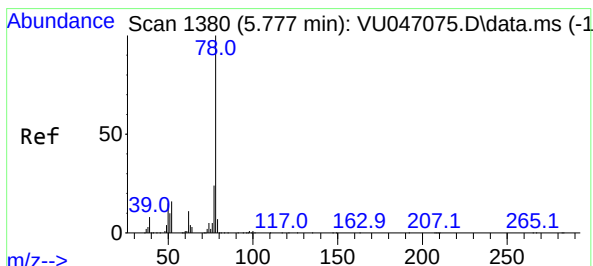
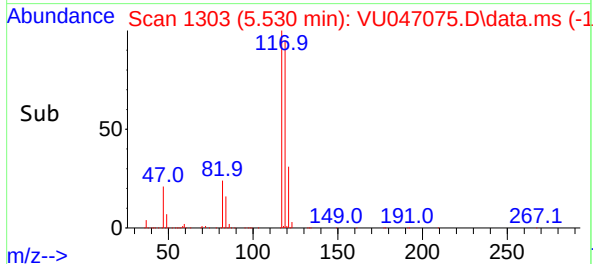
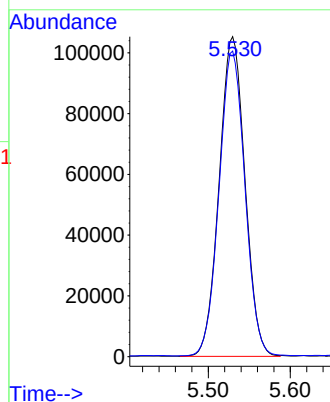
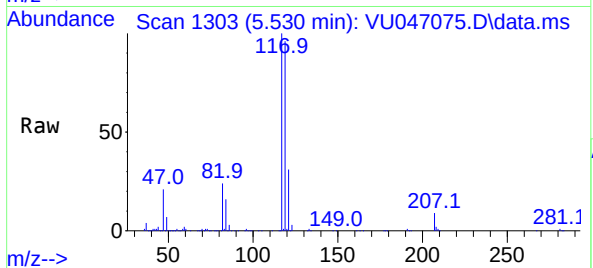




#31
Carbon tetrachloride
Concen: 46.91 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

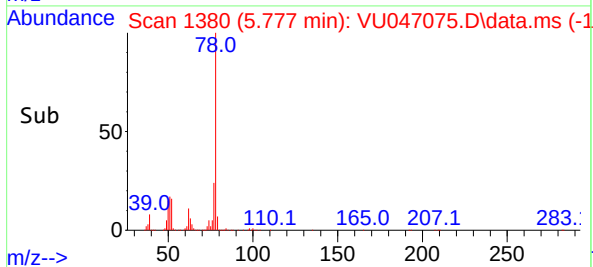
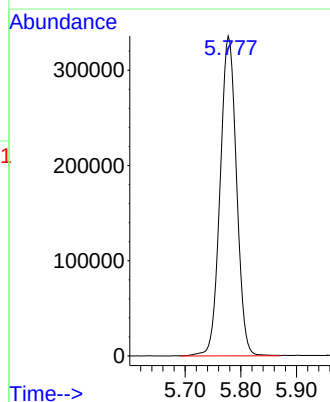
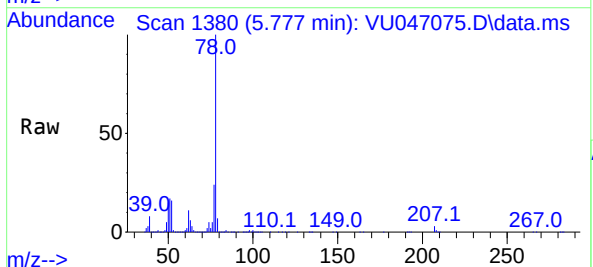
Instrument :
MSVOA_U
ClientSampleId :

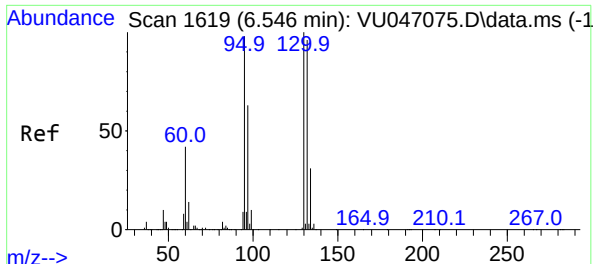
Tgt Ion:117 Resp: 229931
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 49.62 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

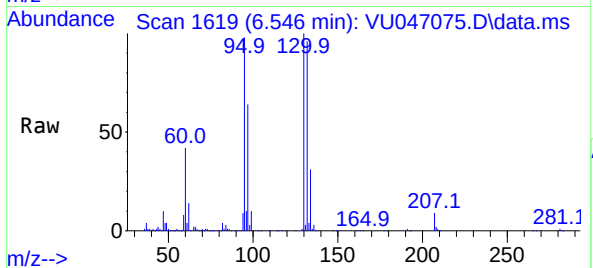
Tgt Ion: 78 Resp: 688252



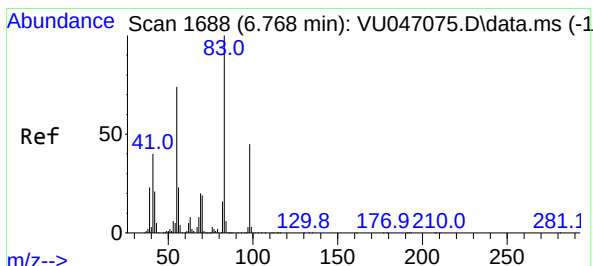
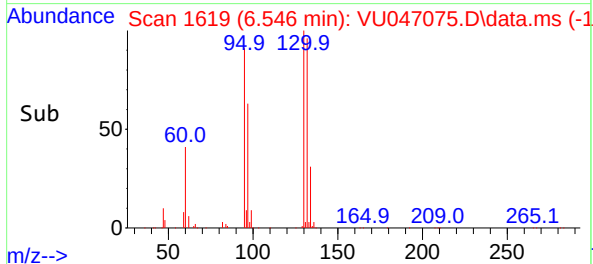
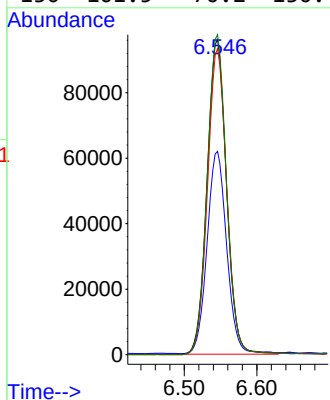


#34
Trichloroethene
Concen: 49.01 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

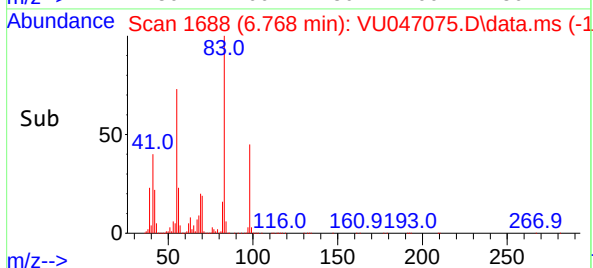
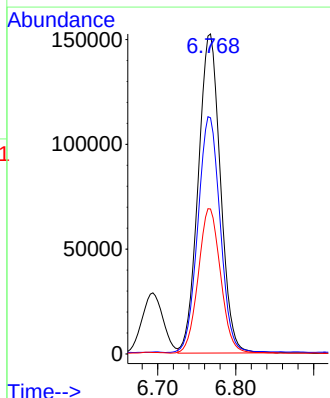
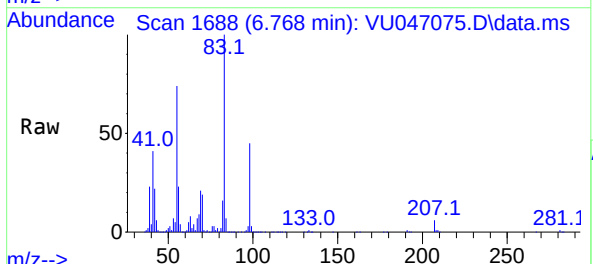


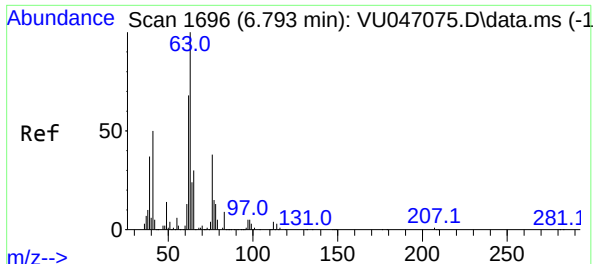
Tgt Ion: 95 Resp: 179154
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 97.1 66.7 123.9
130 101.5 70.2 130.4



#35
Methylcyclohexane
Concen: 52.73 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 83 Resp: 300462
Ion Ratio Lower Upper
83 100
55 74.3 56.6 85.0
98 45.5 38.4 57.6

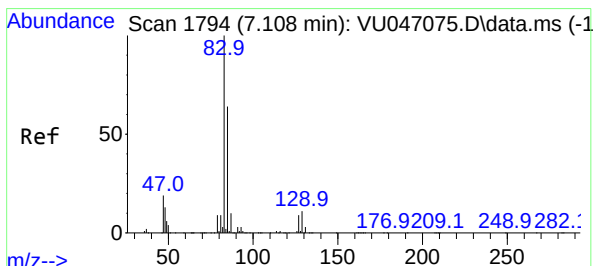
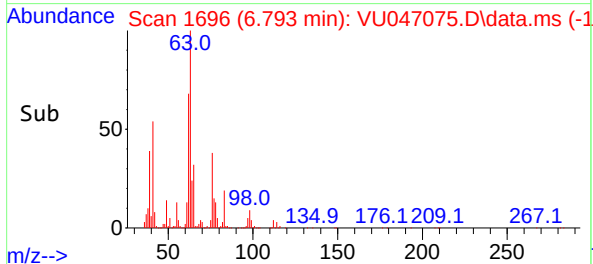
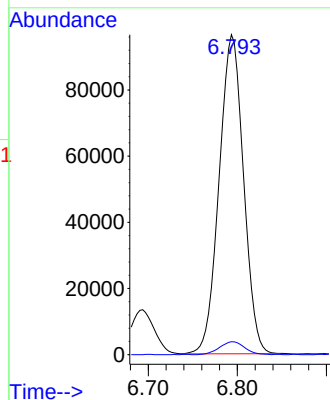
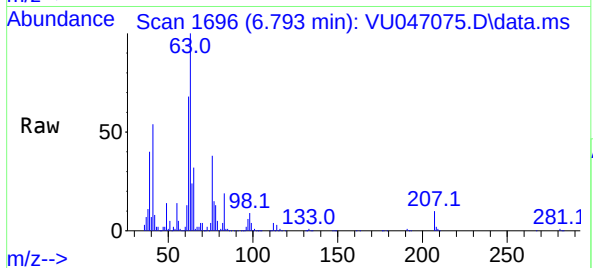




#37
1,2-Dichloropropane
Concen: 51.30 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

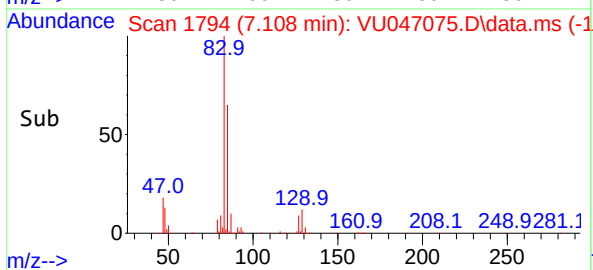
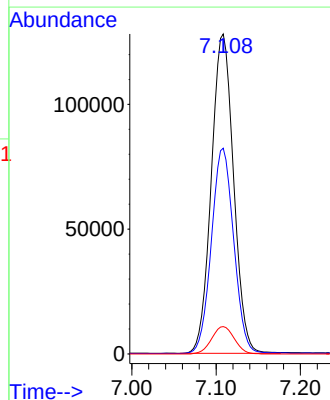
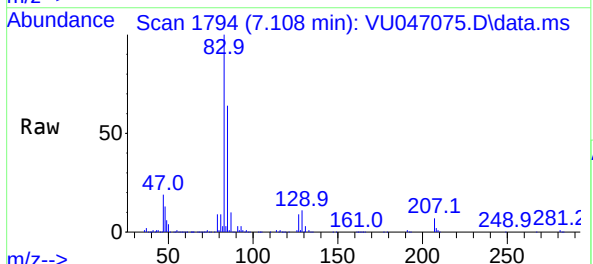
Instrument :
MSVOA_U
ClientSampleId :

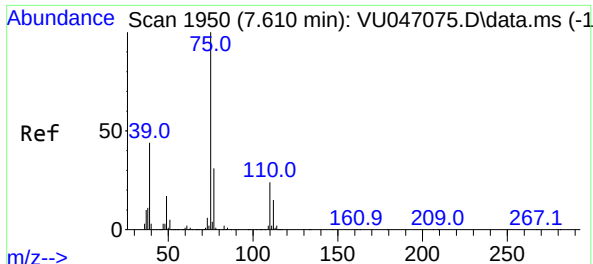
Tgt Ion: 63 Resp: 183550
Ion Ratio Lower Upper
63 100
112 4.2 3.7 5.5



#38
Bromodichloromethane
Concen: 48.32 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 83 Resp: 234907
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 8.6 7.3 10.9

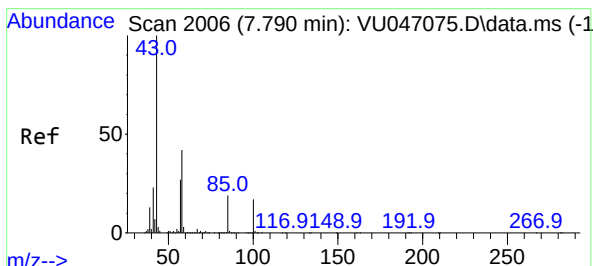
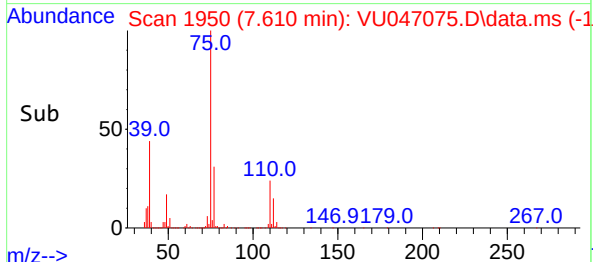
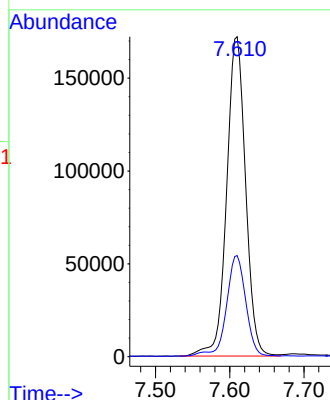
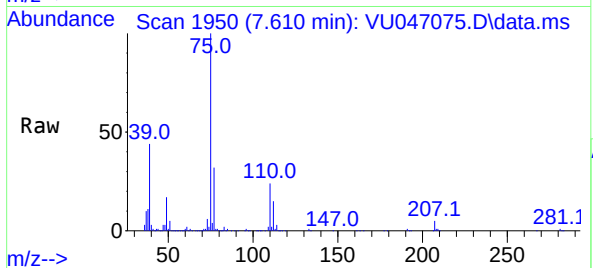




#39
 cis-1,3-Dichloropropene
 Concen: 54.70 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

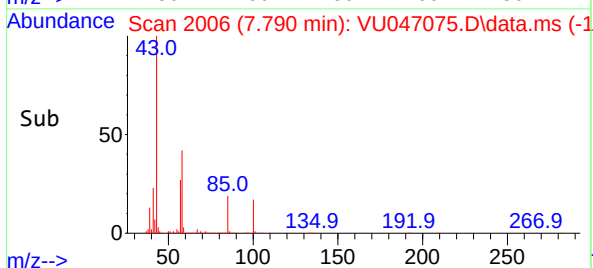
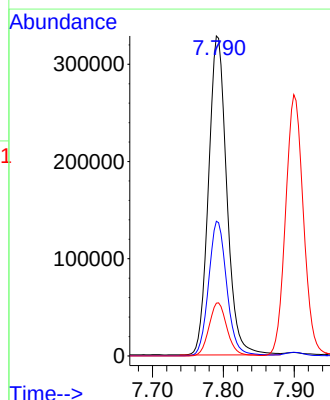
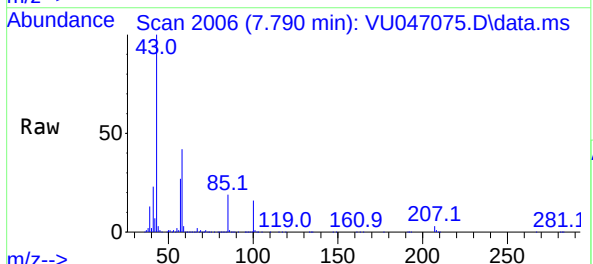
Instrument :
 MSVOA_U
 ClientSampleId :

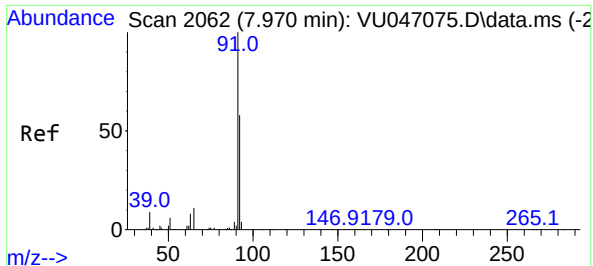
Tgt Ion: 75 Resp: 305083
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 116.81 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

Tgt Ion: 43 Resp: 588543
 Ion Ratio Lower Upper
 43 100
 58 42.1 35.8 53.8
 100 16.5 15.7 23.5





#42

Toluene

Concen: 51.65 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047075.D

Acq: 10 Feb 2022 15:24

Instrument :

MSVOA_U

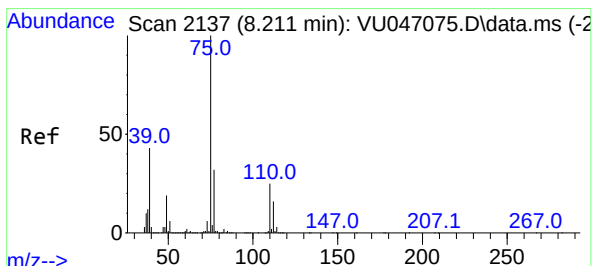
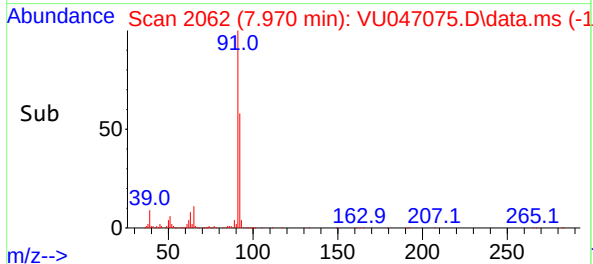
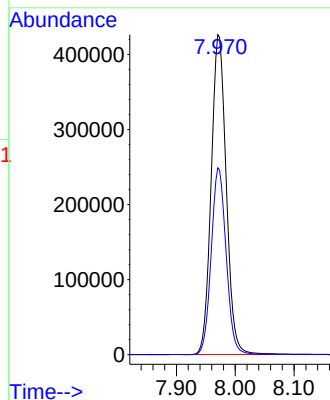
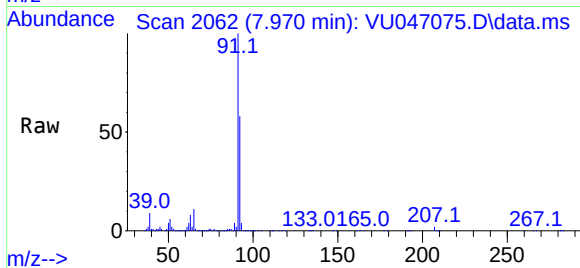
ClientSampleId :

Tgt Ion: 91 Resp: 757200

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 53.81 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047075.D

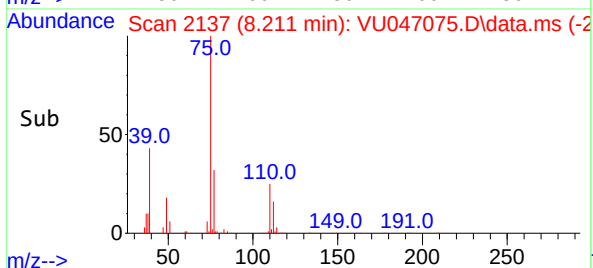
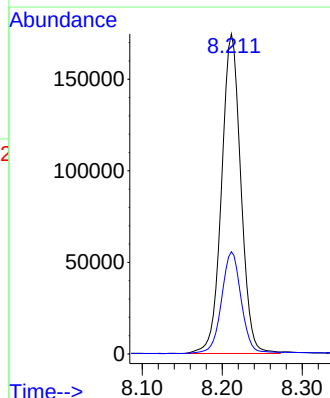
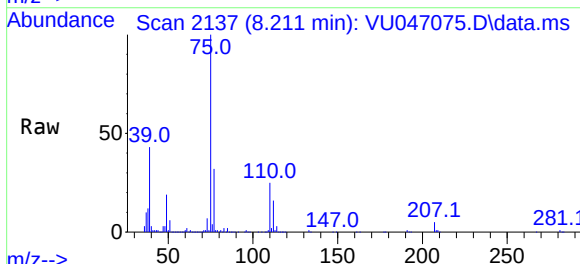
Acq: 10 Feb 2022 15:24

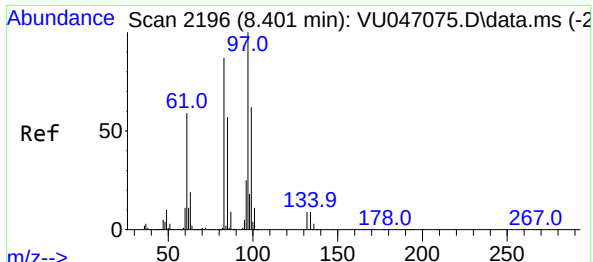
Tgt Ion: 75 Resp: 291008

Ion Ratio Lower Upper

75 100

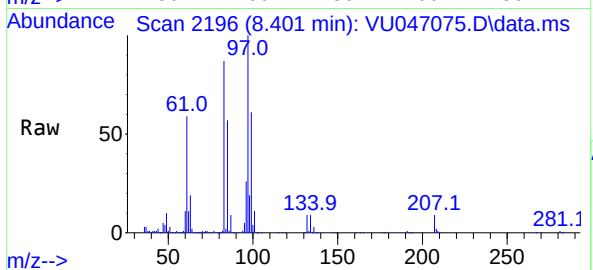
77 32.0 23.0 42.8



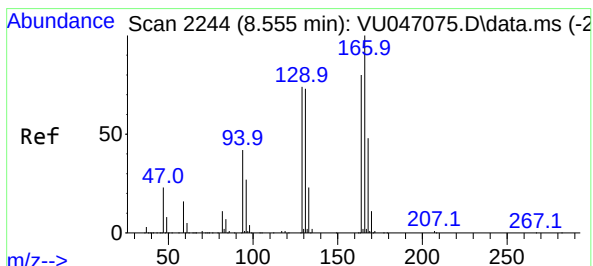
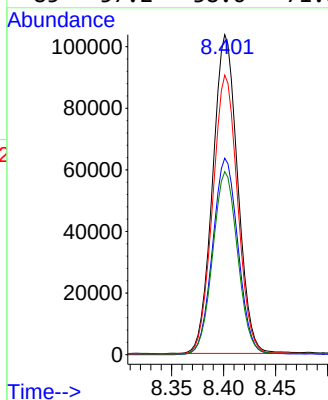
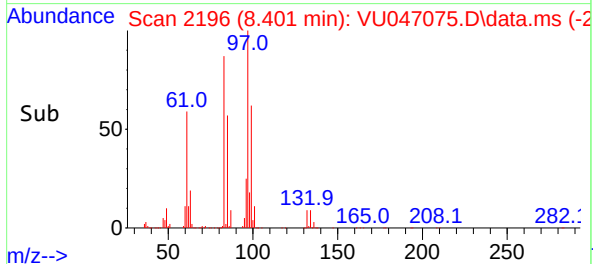


#45
1,1,2-Trichloroethane
Concen: 47.92 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

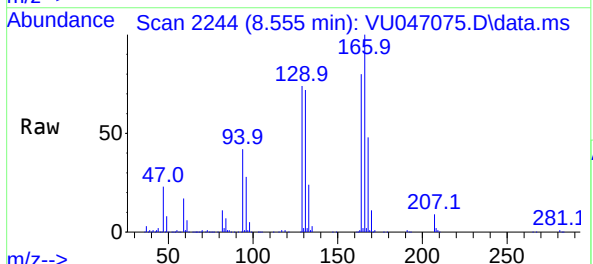
Instrument :
MSVOA_U
ClientSampleId :



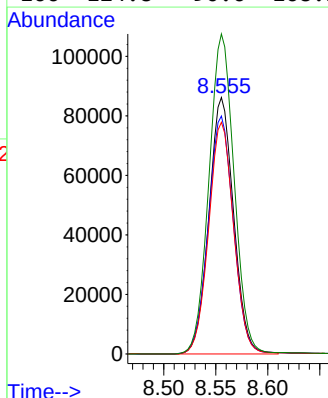
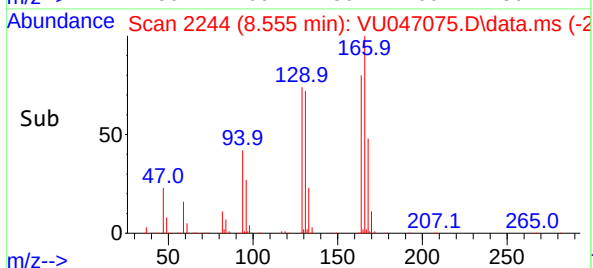
Tgt Ion: 97 Resp: 173055
Ion Ratio Lower Upper
97 100
99 61.4 42.4 78.8
83 87.4 59.4 110.4
85 57.2 38.6 71.8

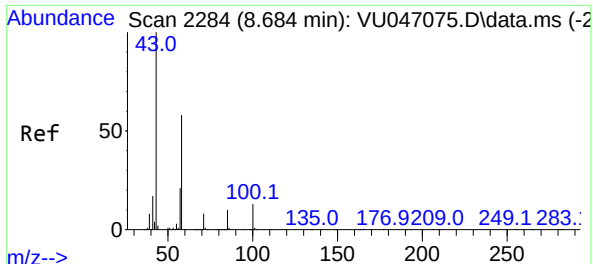


#46
Tetrachloroethene
Concen: 51.05 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24



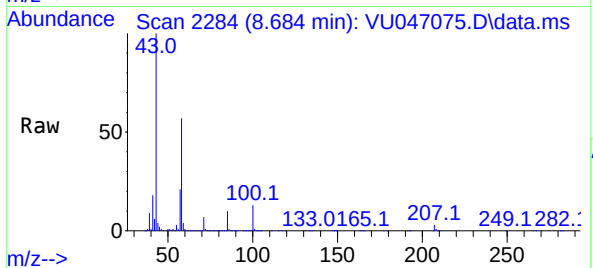
Tgt Ion: 164 Resp: 142789
Ion Ratio Lower Upper
164 100
129 92.8 69.5 129.1
131 90.4 67.0 124.4
166 124.8 90.6 168.2





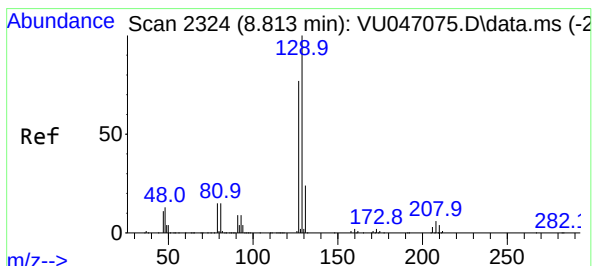
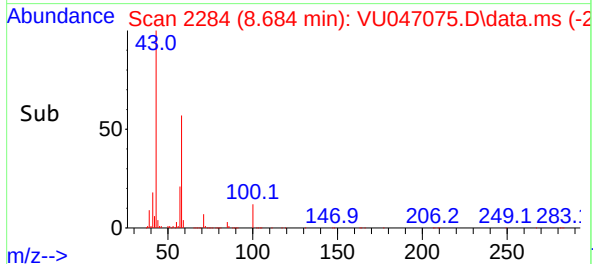
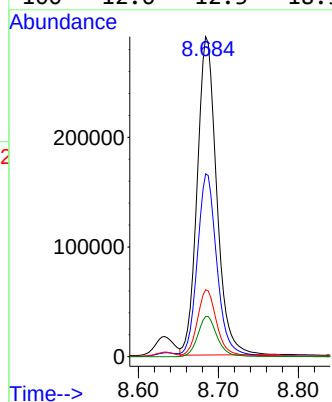
#48
2-Hexanone
Concen: 116.39 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 492440

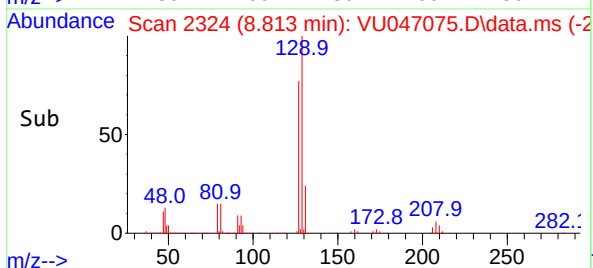
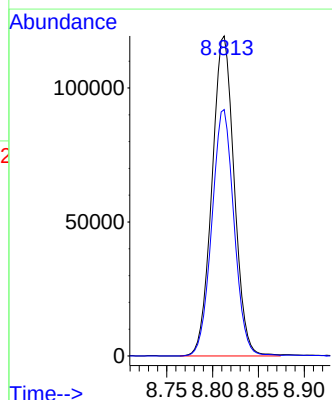
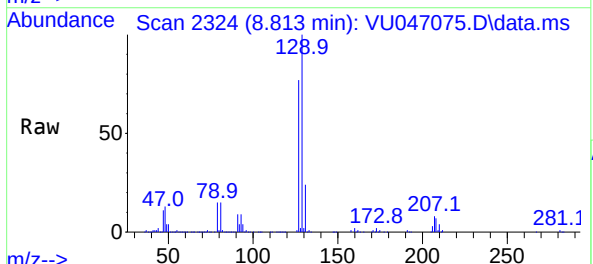
Ion	Ratio	Lower	Upper
43	100		
58	57.3	49.4	74.2
57	20.5	17.5	26.3
100	12.6	12.3	18.5

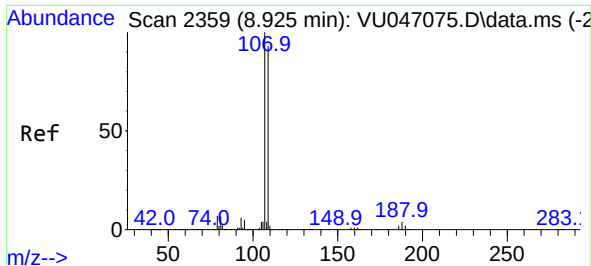


#49
Dibromochloromethane
Concen: 50.03 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 129 Resp: 201078

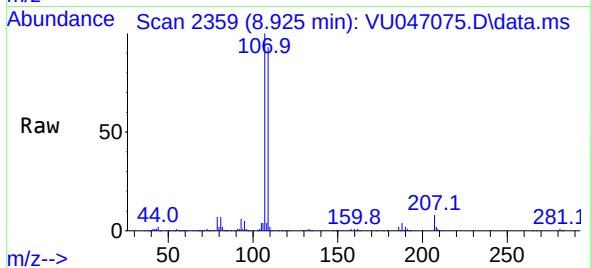
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.5	101.3



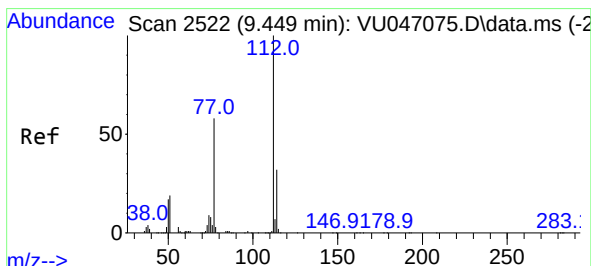
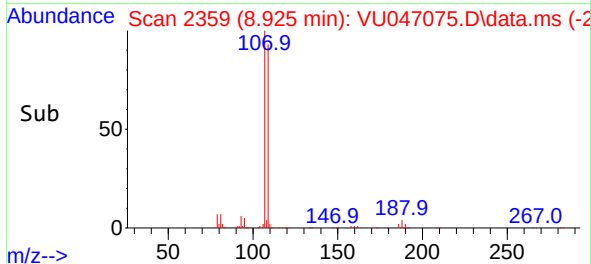
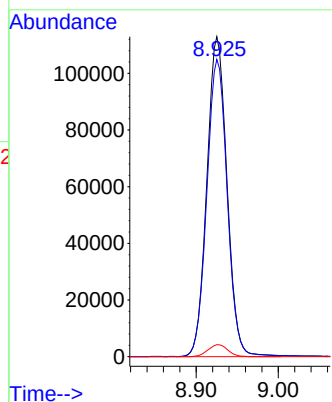


#50
1,2-Dibromoethane
Concen: 50.70 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :

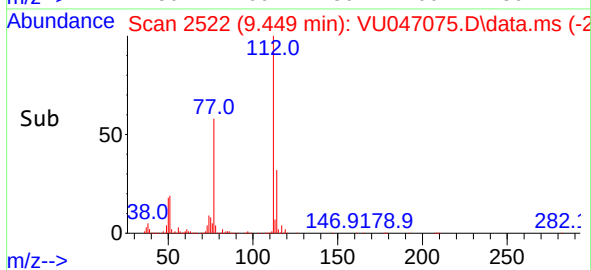
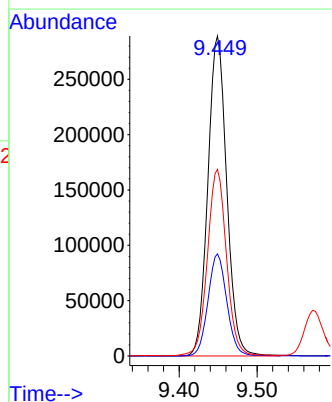
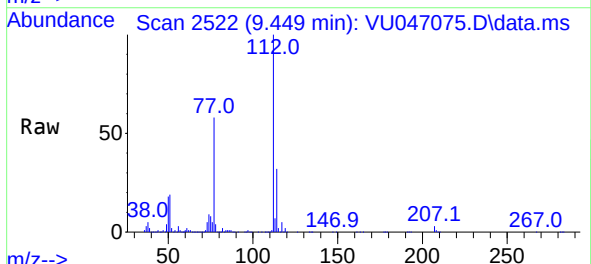


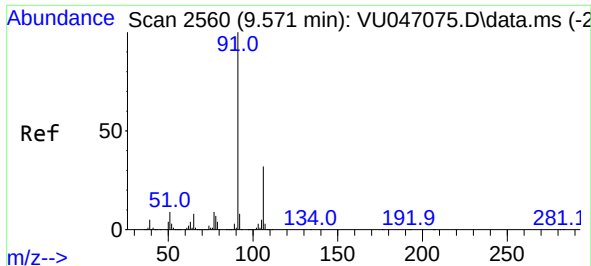
Tgt Ion:107 Resp: 192450
Ion Ratio Lower Upper
107 100
109 92.9 65.6 121.8
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 50.75 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion:112 Resp: 486070
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 58.3 46.5 69.7

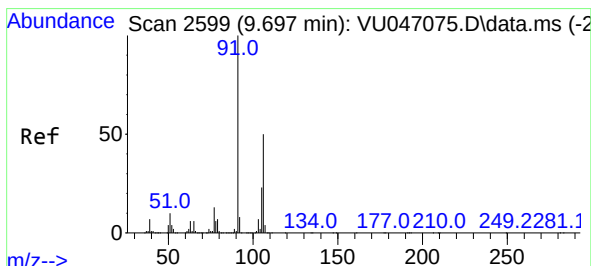
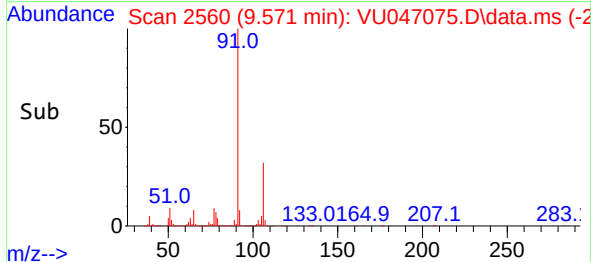
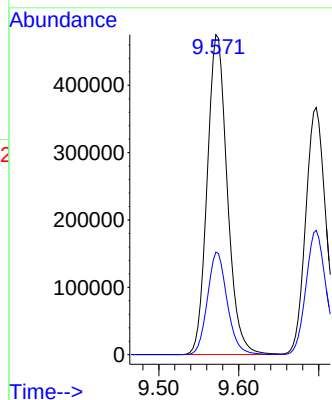
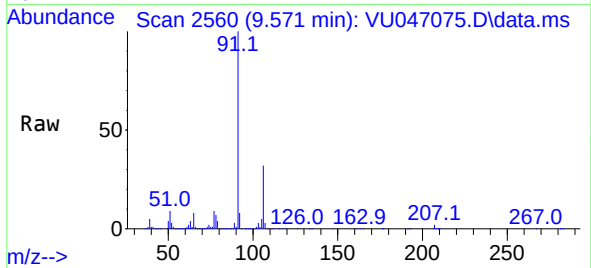




#52
Ethylbenzene
Concen: 52.93 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

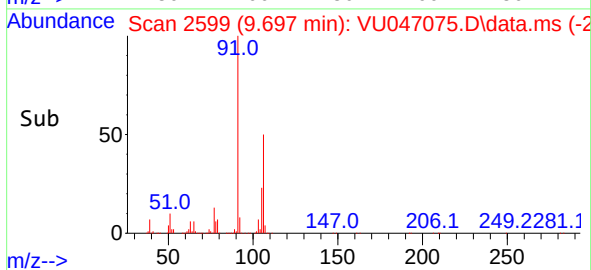
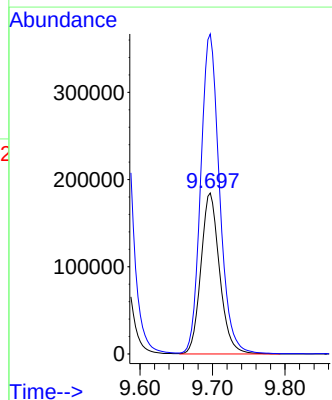
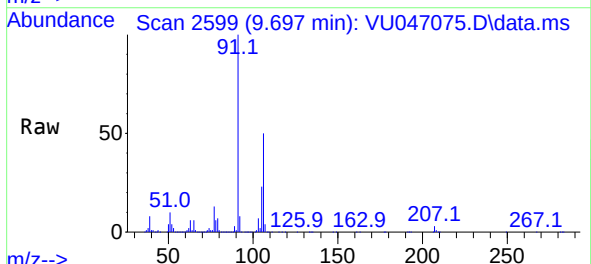
Instrument :
MSVOA_U
ClientSampleId :

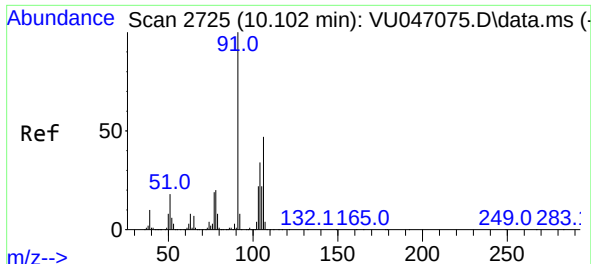
Tgt Ion: 91 Resp: 829226
Ion Ratio Lower Upper
91 100
106 32.0 21.8 40.4



#53
m,p-Xylene
Concen: 54.36 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 106 Resp: 330013
Ion Ratio Lower Upper
106 100
91 198.7 145.5 270.1

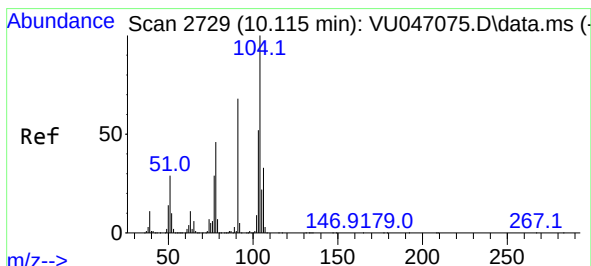
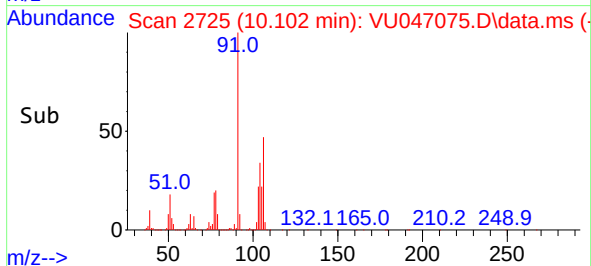
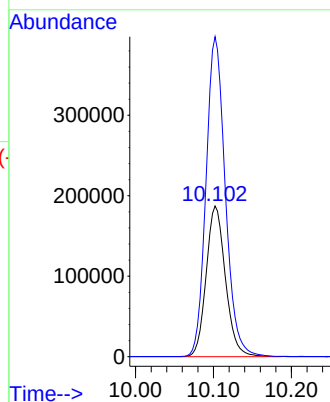
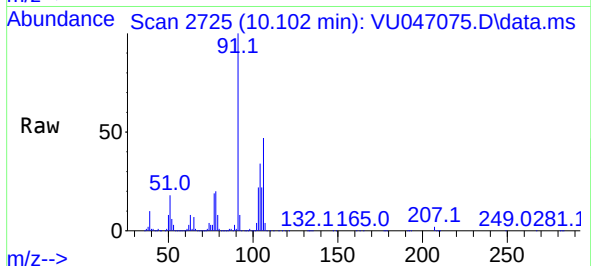




#54
o-xylene
Concen: 55.24 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

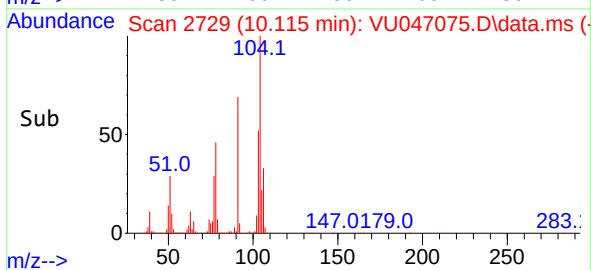
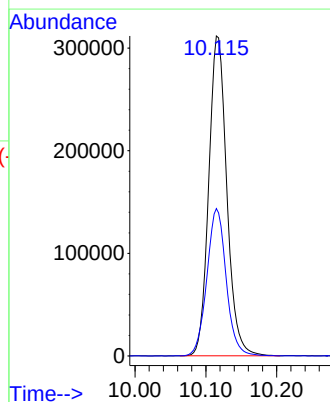
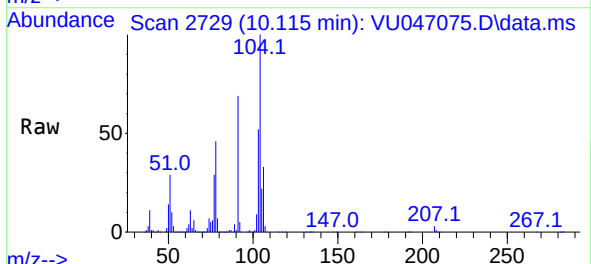
Instrument :
MSVOA_U
ClientSampleId :

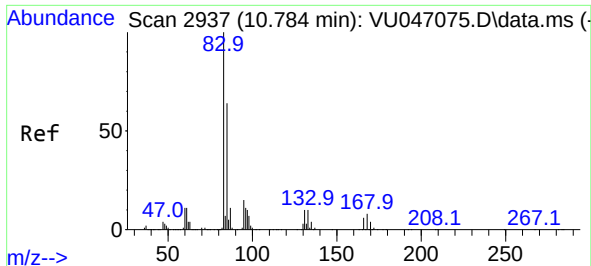
Tgt Ion:106 Resp: 321593
Ion Ratio Lower Upper
106 100
91 212.4 152.0 282.2



#55
Styrene
Concen: 54.50 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion:104 Resp: 552839
Ion Ratio Lower Upper
104 100
78 46.1 32.6 60.6

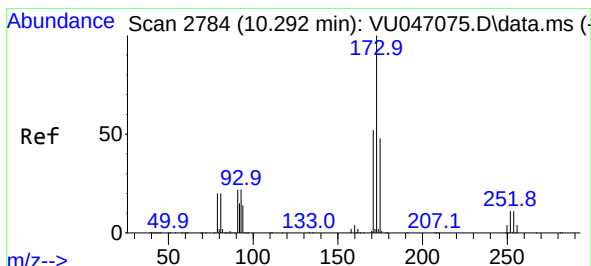
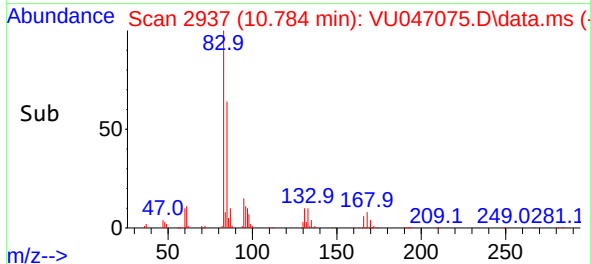
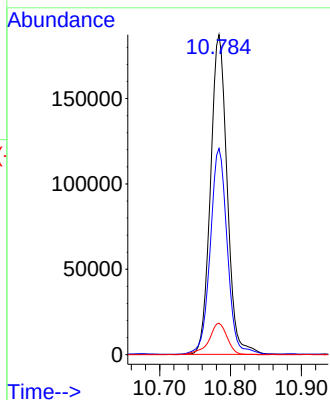
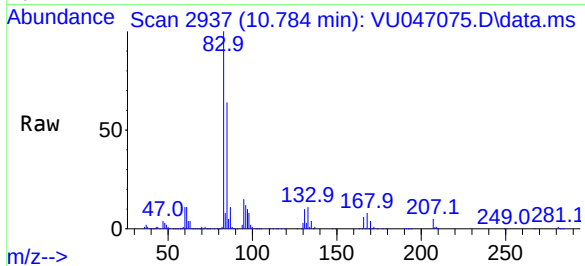




#57
1,1,2,2-Tetrachloroethane
Concen: 48.23 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

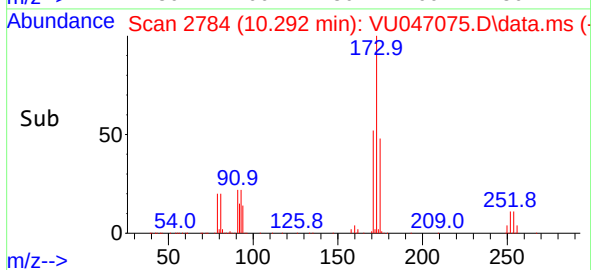
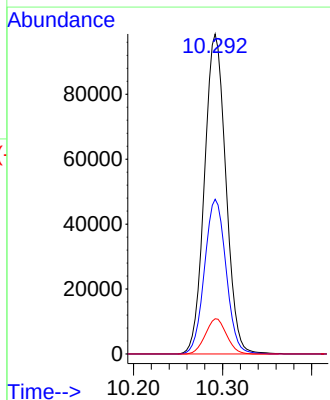
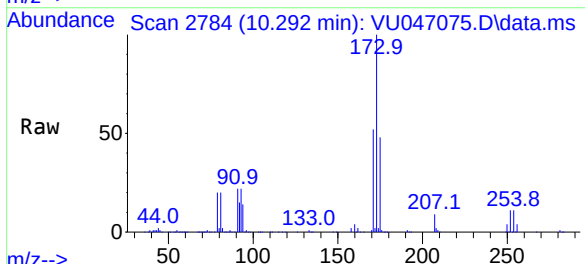
Instrument :
MSVOA_U
ClientSampleId :

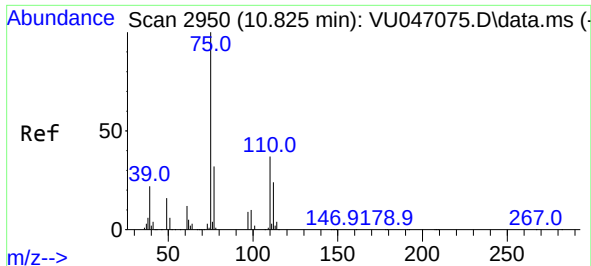
Tgt Ion: 83 Resp: 305289
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
131 9.8 7.8 11.6



#59
Bromoform
Concen: 52.73 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 173 Resp: 164152
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 10.9 8.1 12.1

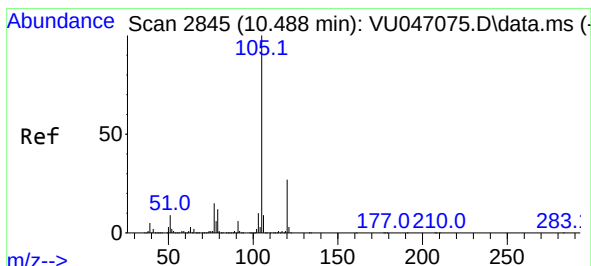
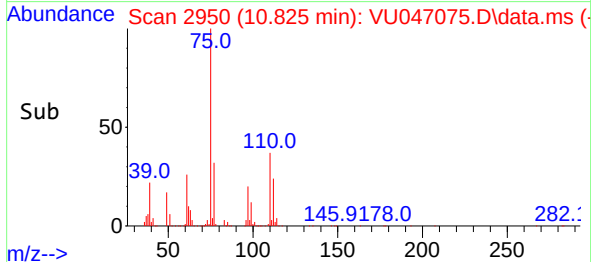
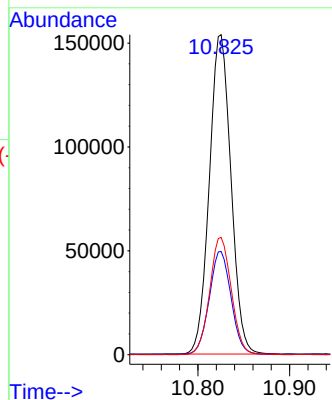
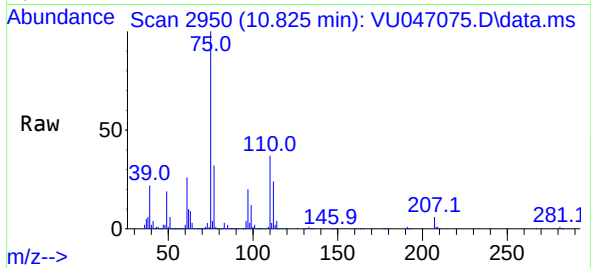




#60
1,2,3-Trichloropropane
Concen: 47.84 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

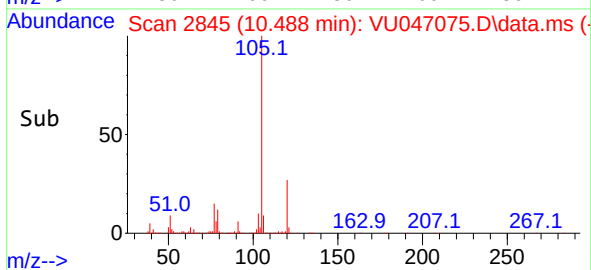
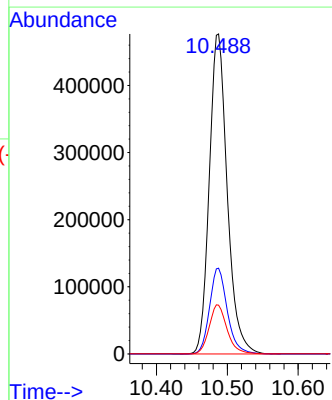
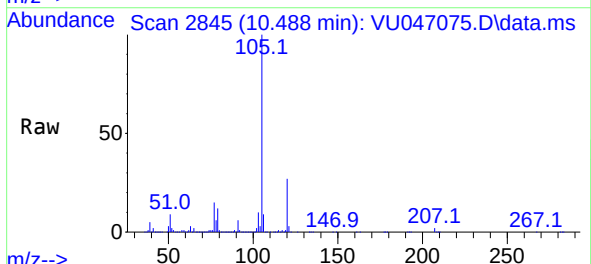
Instrument :
MSVOA_U
ClientSampleId :

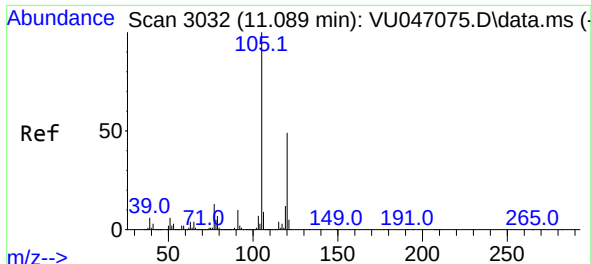
Tgt Ion: 75 Resp: 251782
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 36.8 32.5 48.7



#61
Isopropylbenzene
Concen: 54.15 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion: 105 Resp: 837601
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 15.3 12.6 18.8

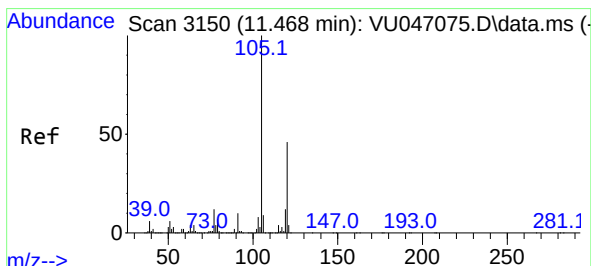
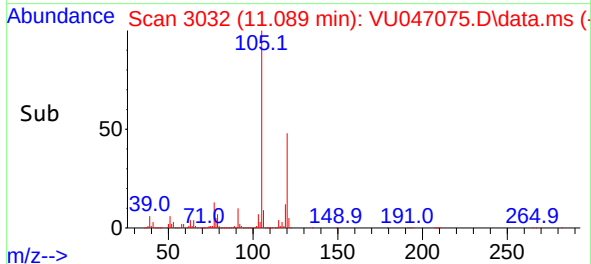
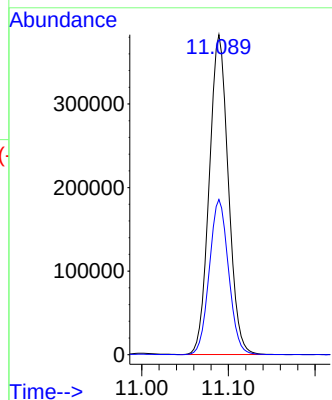
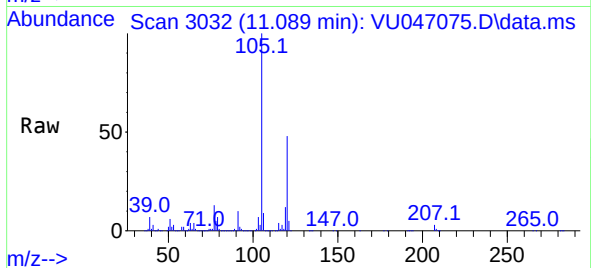




#62
 1,3,5-Trimethylbenzene
 Concen: 46.90 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

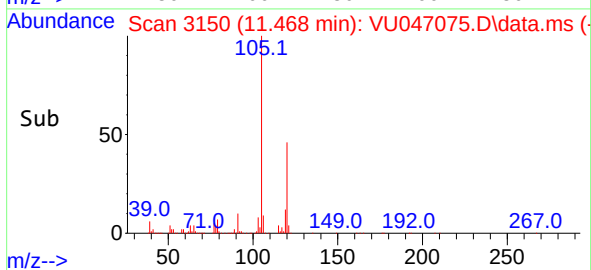
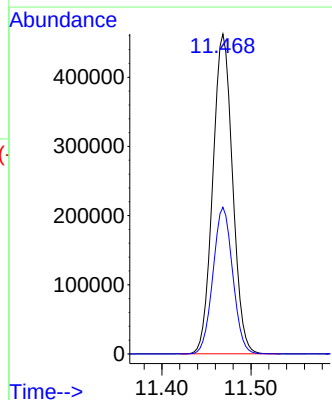
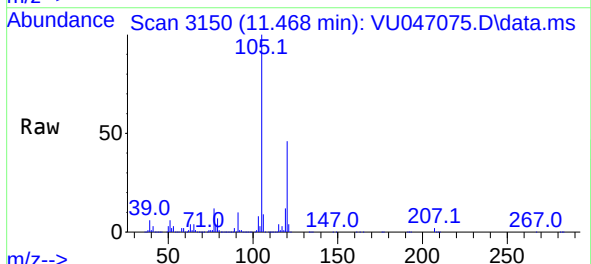
Instrument :
 MSVOA_U
 ClientSampleId :

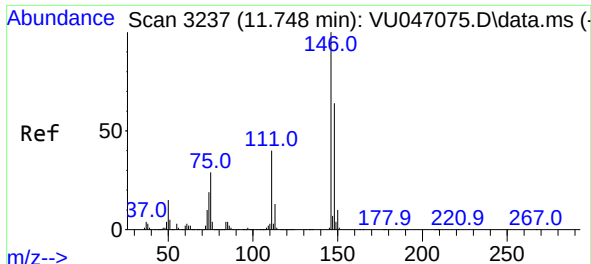
Tgt Ion:105 Resp: 585595
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 55.04 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

Tgt Ion:105 Resp: 712427
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.2

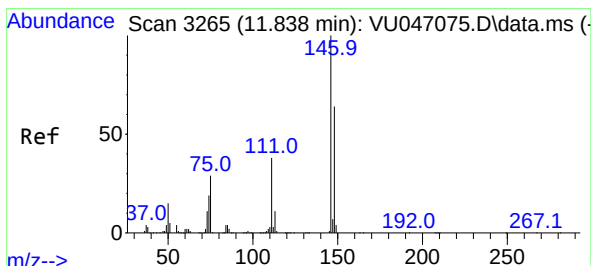
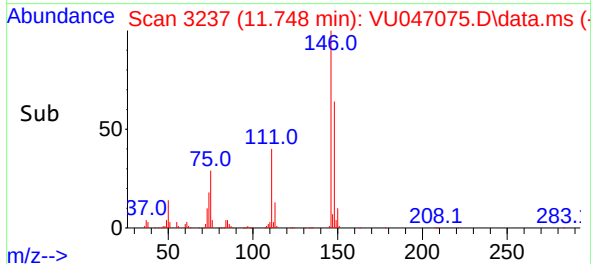
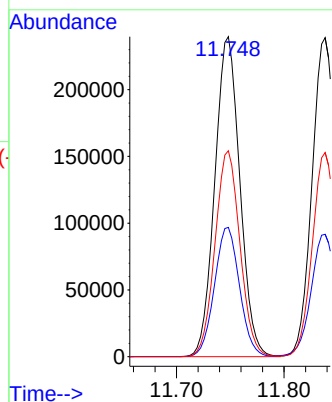
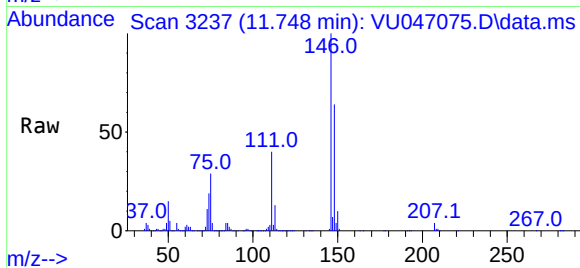




#64
1,3-Dichlorobenzene
Concen: 50.23 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

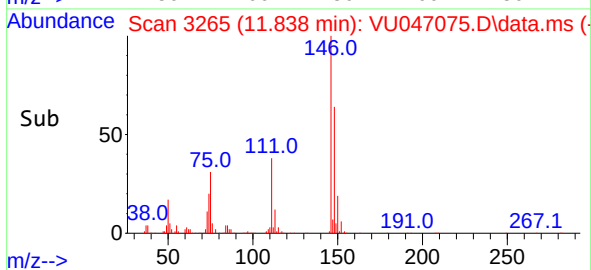
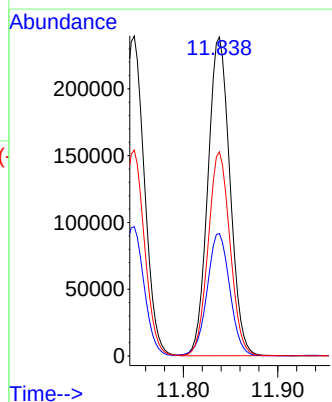
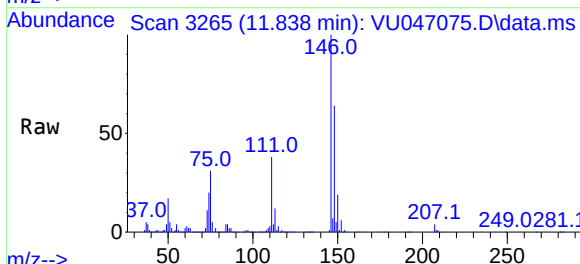
Instrument :
MSVOA_U
ClientSampleId :

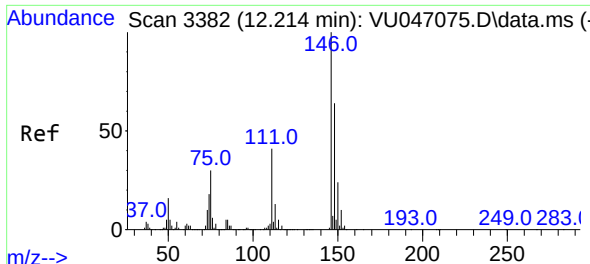
Tgt Ion:146 Resp: 388308
Ion Ratio Lower Upper
146 100
111 40.4 29.4 54.6
148 64.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 48.23 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

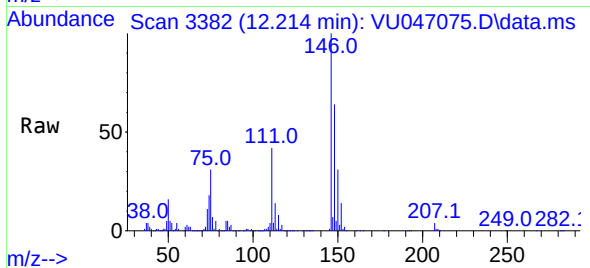
Tgt Ion:146 Resp: 386746
Ion Ratio Lower Upper
146 100
111 38.4 28.9 53.7
148 64.0 44.5 82.7



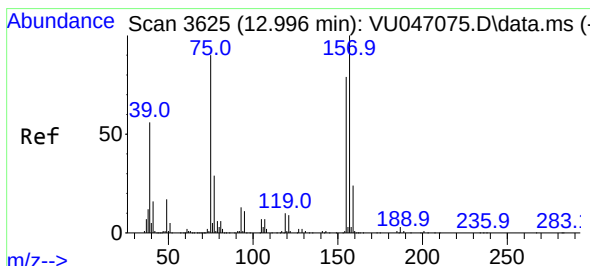
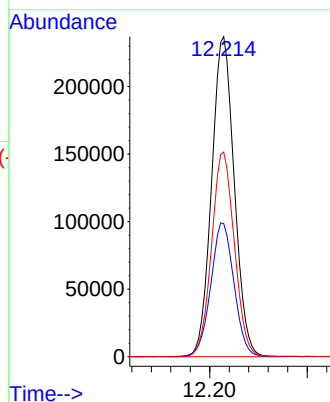
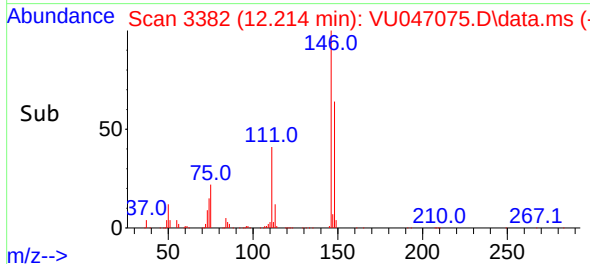


#67
1,2-Dichlorobenzene
Concen: 49.35 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

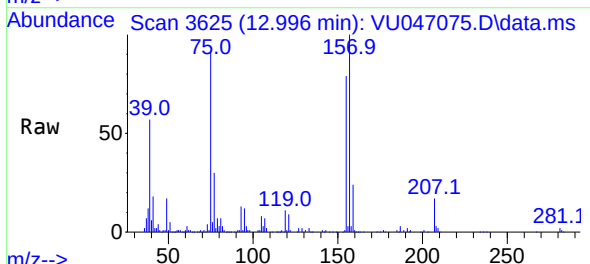
Instrument :
MSVOA_U
ClientSampleId :



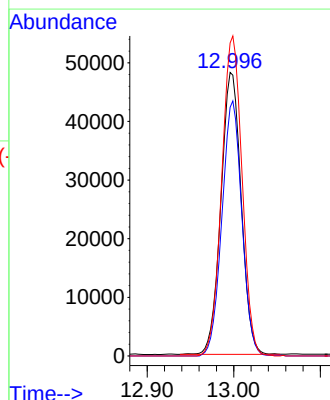
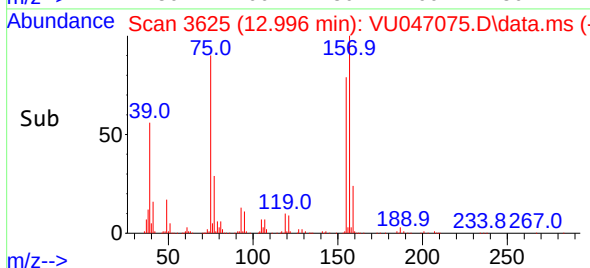
Tgt Ion:146 Resp: 382319
Ion Ratio Lower Upper
146 100
111 41.6 34.2 51.4
148 63.9 51.3 76.9

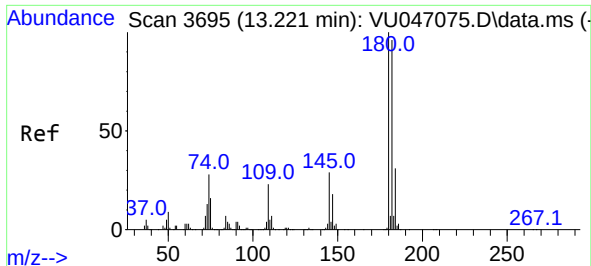


#68
1,2-Dibromo-3-chloropropane
Concen: 49.20 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24



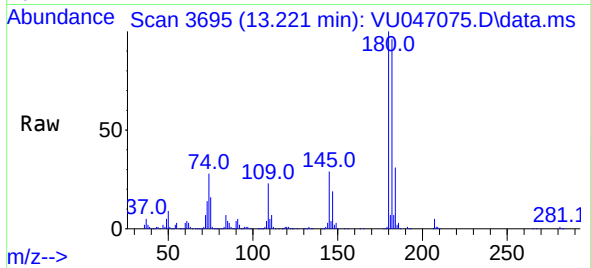
Tgt Ion: 75 Resp: 77934
Ion Ratio Lower Upper
75 100
155 87.7 65.0 97.4
157 110.4 79.7 119.5





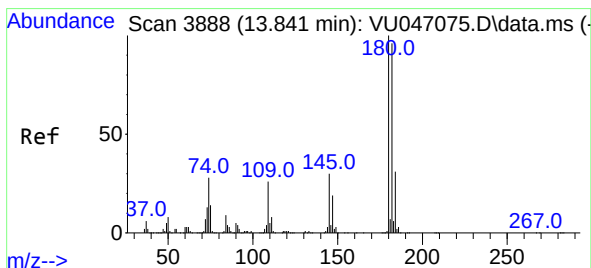
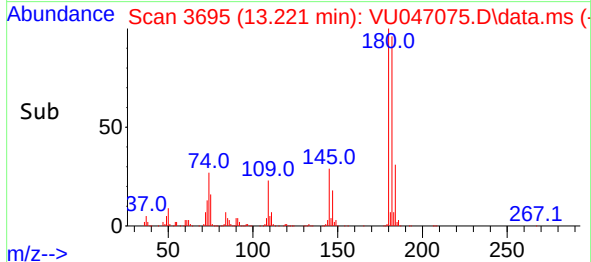
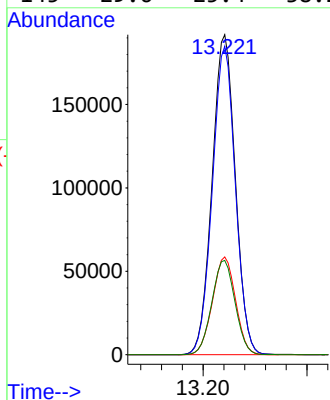
#69
 1,3,5-Trichlorobenzene
 Concen: 49.98 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 297204

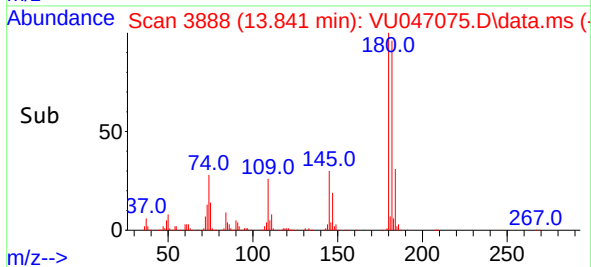
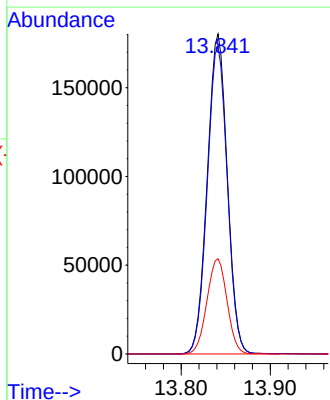
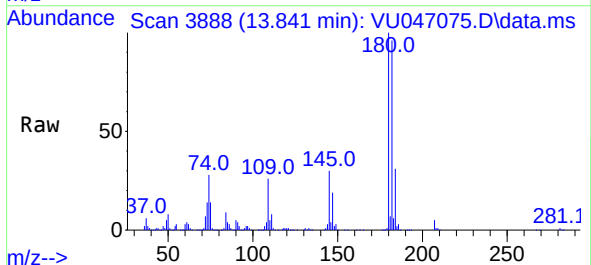
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.6
184	30.5	24.7	37.1
145	29.6	25.4	38.2

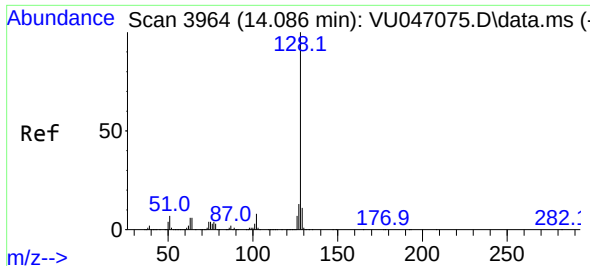


#70
 1,2,4-trichlorobenzene
 Concen: 54.73 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047075.D
 Acq: 10 Feb 2022 15:24

Tgt Ion:180 Resp: 282115

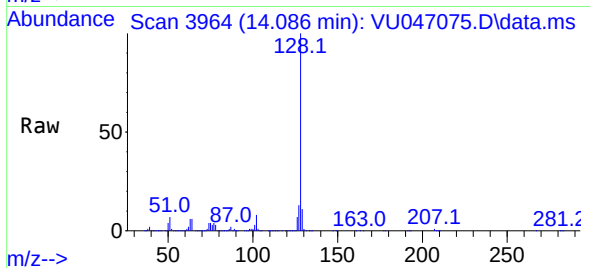
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
145	29.7	25.2	37.8



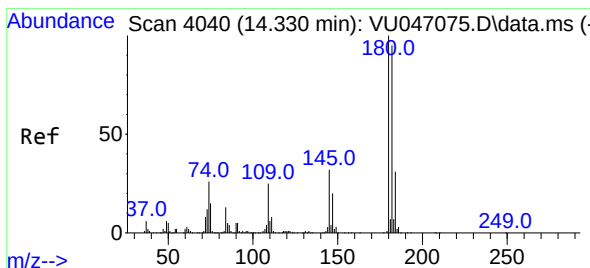
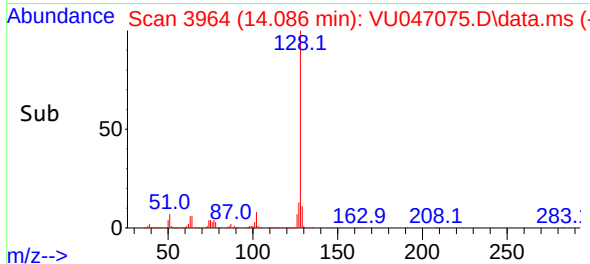
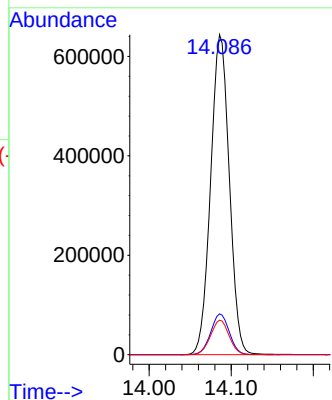


#71
Naphthalene
Concen: 60.32 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1016873
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.82 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047075.D
Acq: 10 Feb 2022 15:24

Tgt Ion:180 Resp: 283630
Ion Ratio Lower Upper
180 100
182 95.3 76.6 115.0
145 31.7 27.4 41.2

