

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047073.D
 Acq On : 10 Feb 2022 14:15
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 10 15:50:02 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	6.253	114	591173	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	550513	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	286922	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27214	5.21	ug/L	0.00
7) Chloroethane-d5	1.919	69	19547	5.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	46258	5.26	ug/L	0.00
21) 2-Butanone-d5	4.632	46	41110	10.60	ug/L	0.00
24) Chloroform-d	5.070	84	44208	4.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	29288	5.08	ug/L	0.00
32) Benzene-d6	5.732	84	93474	5.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	30984	5.74	ug/L	0.00
41) Toluene-d8	7.902	98	90150	5.74	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	15538	5.90	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	31994	11.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42941	5.21	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	35870	5.87	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	31294	5.80	ug/L	100
3) Chloromethane	1.526	50	31266	6.37	ug/L	99
5) Vinyl chloride	1.607	62	31040	6.15	ug/L	98
6) Bromomethane	1.864	94	17069	5.38	ug/L	86
8) Chloroethane	1.938	64	17236	5.65	ug/L	98
9) Trichlorofluoromethane	2.144	101	36517	5.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	22700	5.57	ug/L	95
12) 1,1-Dichloroethene	2.588	96	22621	5.84	ug/L	91
13) Acetone	2.636	43	40058	11.57	ug/L	96
14) Carbon disulfide	2.800	76	68076	5.84	ug/L	98
15) Methyl Acetate	2.954	43	28310	6.13	ug/L	94
16) Methylene chloride	3.054	84	23592	4.99	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	23182	5.73	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	77816	6.35	ug/L	97
19) 1,1-Dichloroethane	3.877	63	43194	5.83	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	24581	5.65	ug/L #	91
22) 2-Butanone	4.710	43	46365	11.43	ug/L	96
23) Bromochloromethane	4.980	128	13403	5.78	ug/L	98
25) Chloroform	5.092	83	42390	5.33	ug/L	100
27) 1,2-Dichloroethane	5.800	62	33943	5.55	ug/L	96
29) Cyclohexane	5.394	56	41670	7.01	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	37654	5.70	ug/L	99
31) Carbon tetrachloride	5.533	117	32381	5.64	ug/L	100
33) Benzene	5.777	78	98119	6.04	ug/L	100
34) Trichloroethene	6.546	95	25676	5.99	ug/L	98
35) Methylcyclohexane	6.767	83	43156	6.46	ug/L	97
37) 1,2-Dichloropropane	6.793	63	26477	6.31	ug/L	98
38) Bromodichloromethane	7.108	83	33229	5.83	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	40577	6.21	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	80291	13.60	ug/L	95
42) Toluene	7.973	91	107319	6.25	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	38322	6.05	ug/L	97

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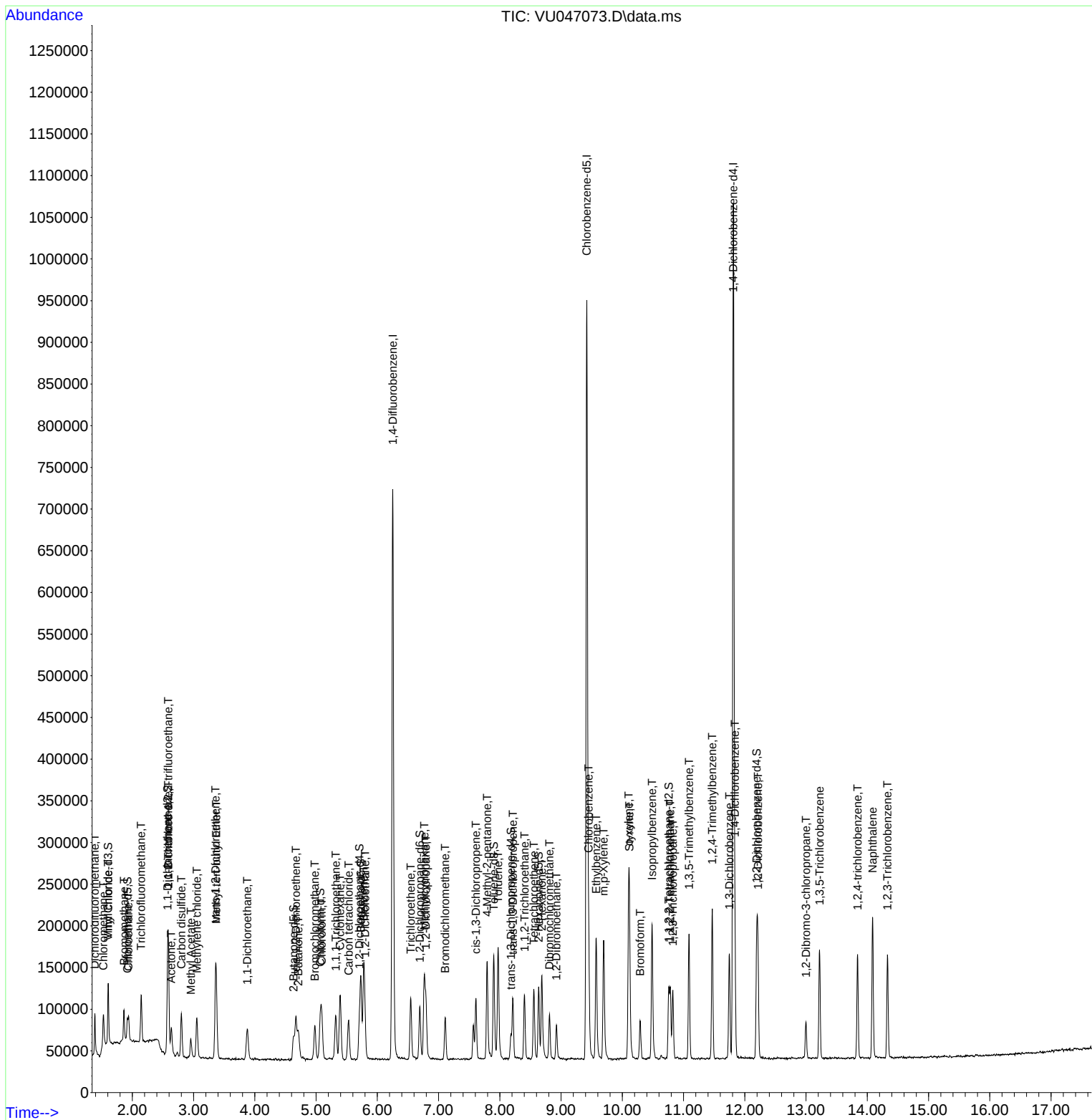
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 ClientSampleId :

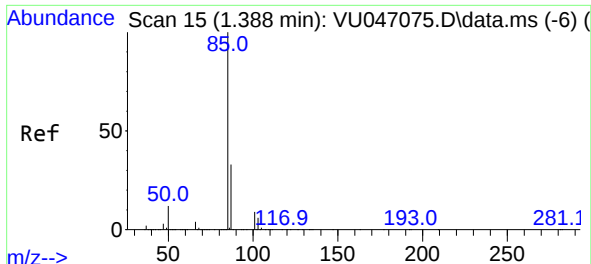
Quant Time: Feb 10 15:50:02 2022
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	24238	5.73	ug/L	99
46) Tetrachloroethene	8.555	164	20717	6.32	ug/L	97
48) 2-Hexanone	8.687	43	67681	13.65	ug/L	97
49) Dibromochloromethane	8.812	129	28523	6.06	ug/L	98
50) 1,2-Dibromoethane	8.925	107	27069	6.08	ug/L	98
51) Chlorobenzene	9.449	112	68294	6.08	ug/L	97
52) Ethylbenzene	9.574	91	116210	6.33	ug/L	98
53) m,p-Xylene	9.697	106	45287	6.36	ug/L	99
54) o-xylene	10.102	106	45617	6.69	ug/L	96
55) Styrene	10.118	104	77368	6.51	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	40822	5.50	ug/L	98
59) Bromoform	10.291	173	21143	5.98	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	34925	5.84	ug/L	96
61) Isopropylbenzene	10.484	105	116564	6.63	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	82286	5.80	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	98804	6.72	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	53437	6.08	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	53728	5.90	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	53681	6.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	11096	6.17	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	40975	6.07	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	38529	6.58	ug/L	99
71) Naphthalene	14.085	128	135436	7.07	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38880	6.62	ug/L	97

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

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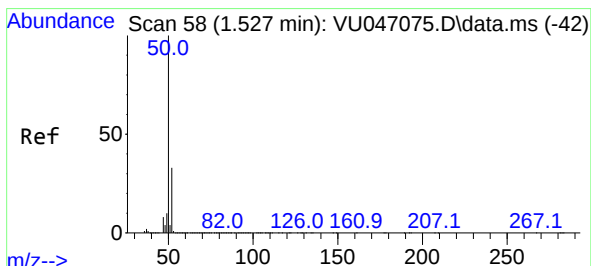
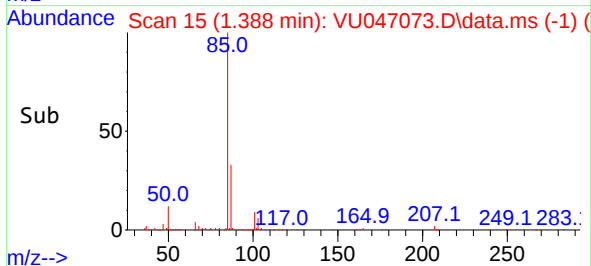
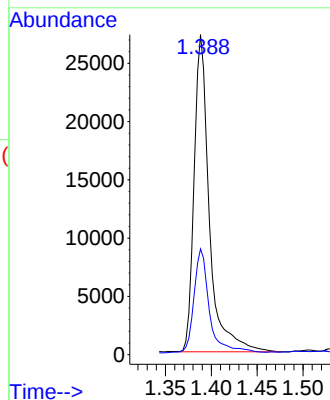
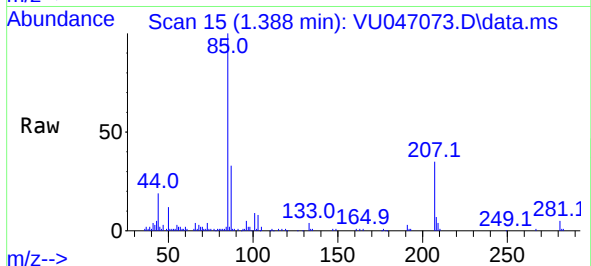




#2
Dichlorodifluoromethane
Concen: 5.80 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

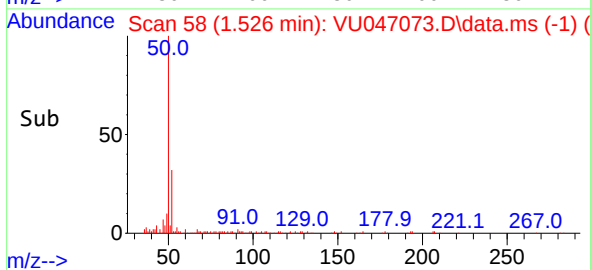
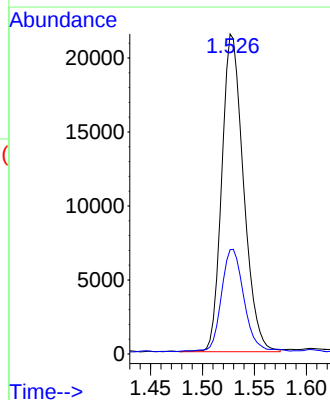
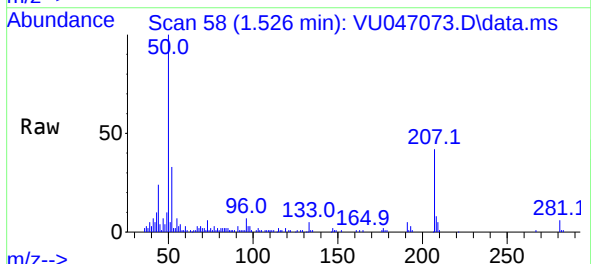
Instrument :
MSVOA_U
ClientSampleId :

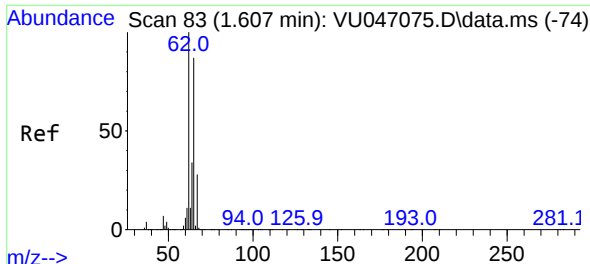
Tgt Ion: 85 Resp: 31294
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 6.37 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 50 Resp: 31266
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

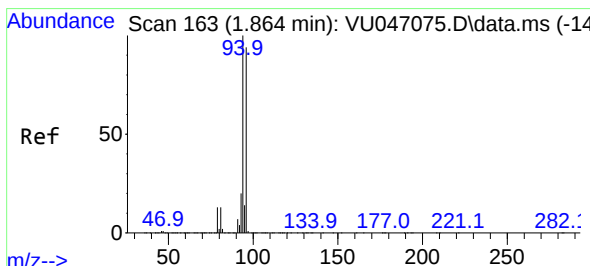
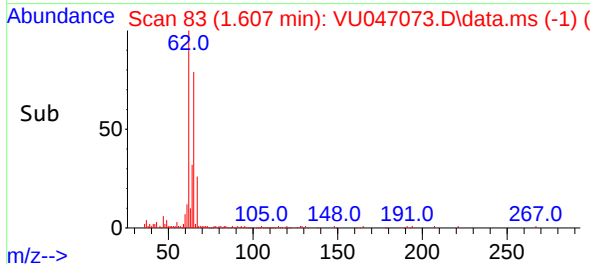
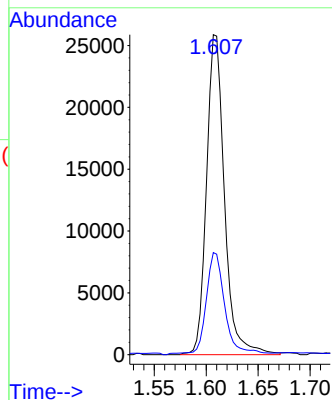
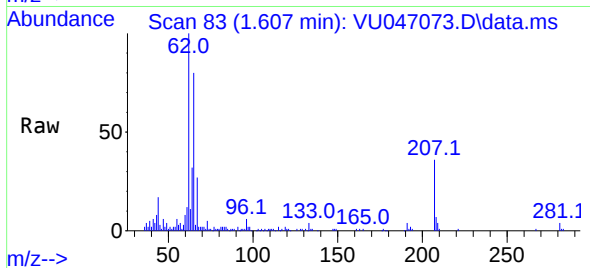




#5
 Vinyl chloride
 Concen: 6.15 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047073.D
 Acq: 10 Feb 2022 14:15

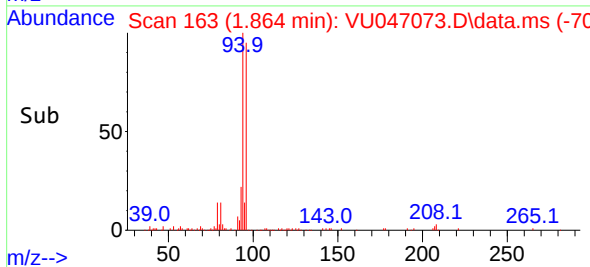
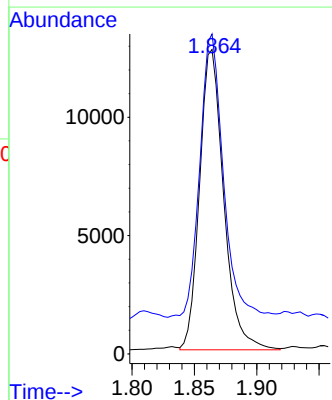
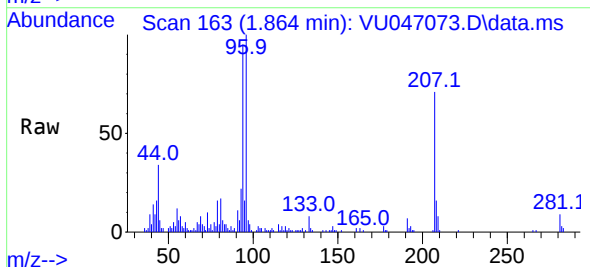
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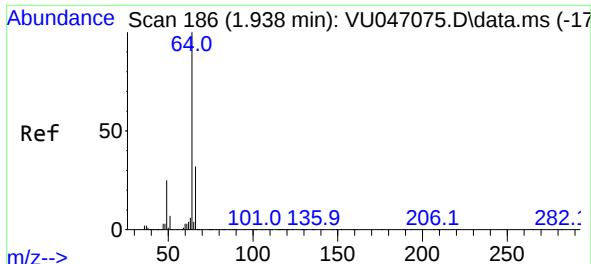
Tgt Ion: 62 Resp: 31040
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 5.38 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047073.D
 Acq: 10 Feb 2022 14:15

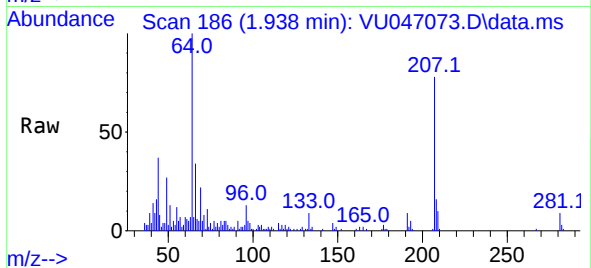
Tgt Ion: 94 Resp: 17069
 Ion Ratio Lower Upper
 94 100
 96 105.1 64.4 119.6



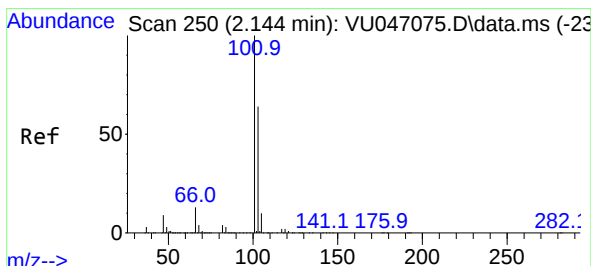
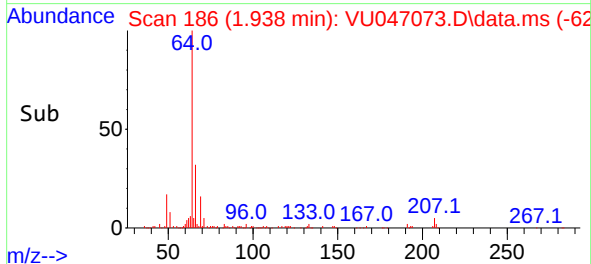
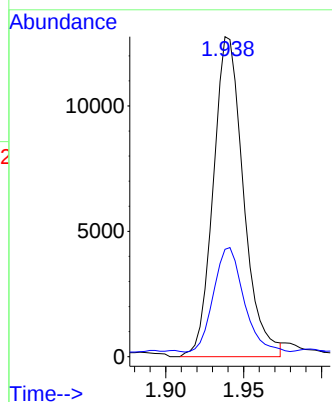


#8
Chloroethane
Concen: 5.65 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

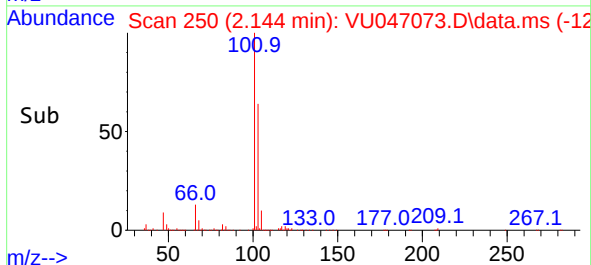
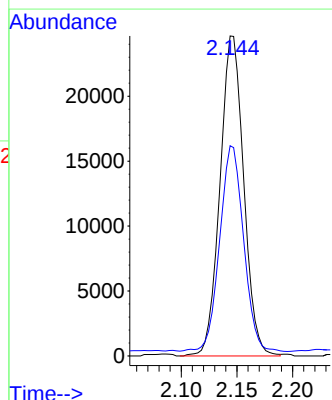
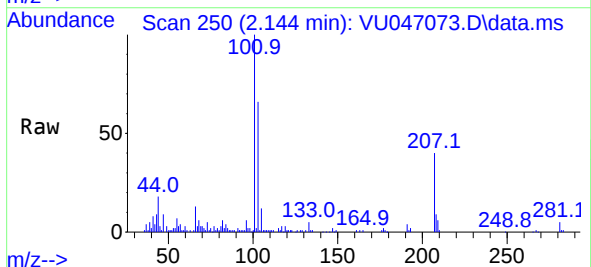


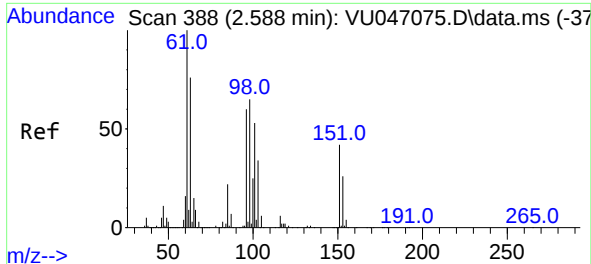
Tgt Ion: 64 Resp: 17236
Ion Ratio Lower Upper
64 100
66 33.6 24.4 45.2



#9
Trichlorofluoromethane
Concen: 5.10 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 101 Resp: 36517
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

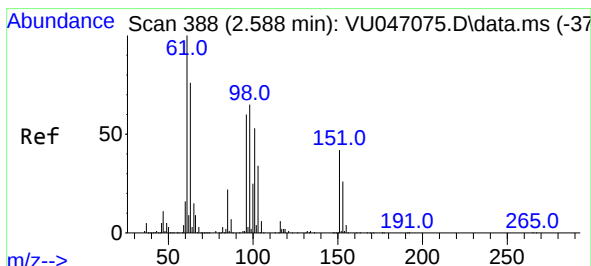
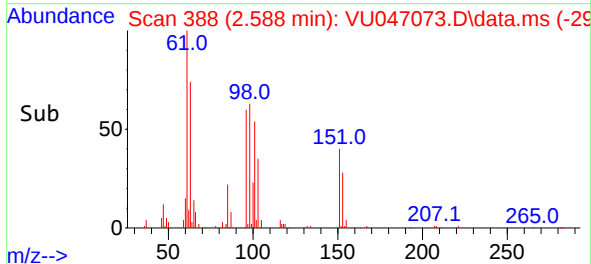
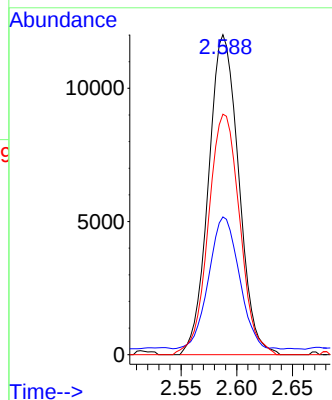
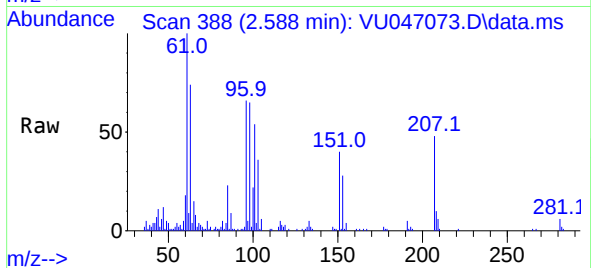




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.57 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

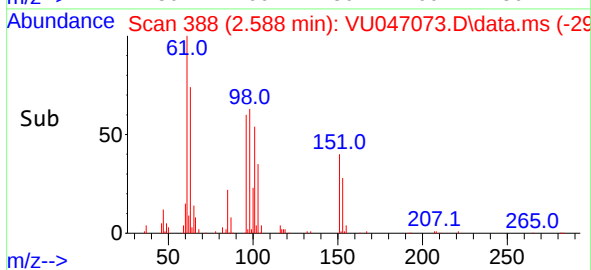
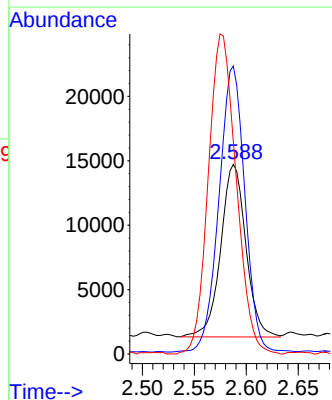
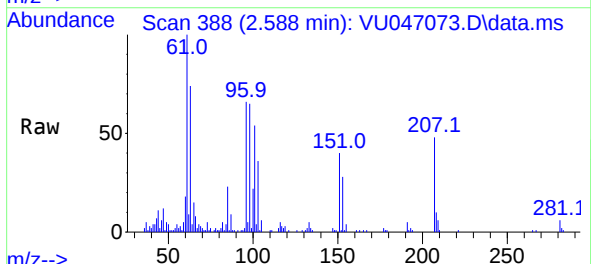
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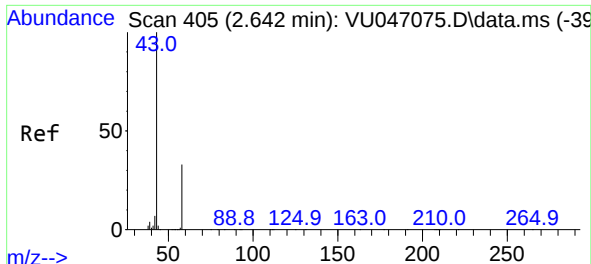
Tgt Ion:101 Resp: 22700
Ion Ratio Lower Upper
101 100
85 41.8 34.9 52.3
151 78.1 58.3 87.5



#12
1,1-Dichloroethene
Concen: 5.84 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 96 Resp: 22621
Ion Ratio Lower Upper
96 100
61 151.8 114.9 213.3
63 112.1 86.0 159.8

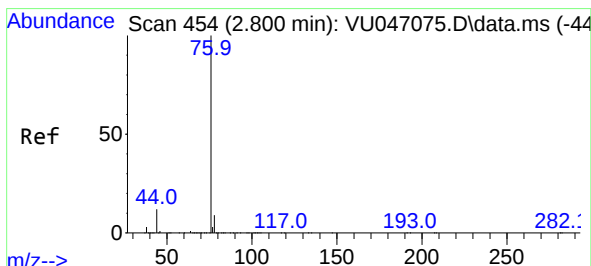
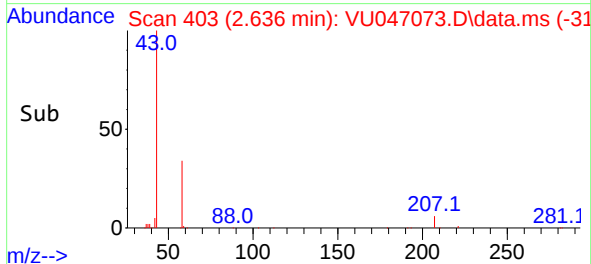
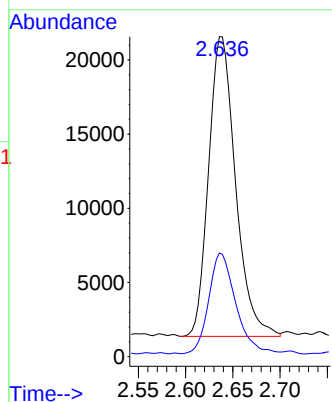
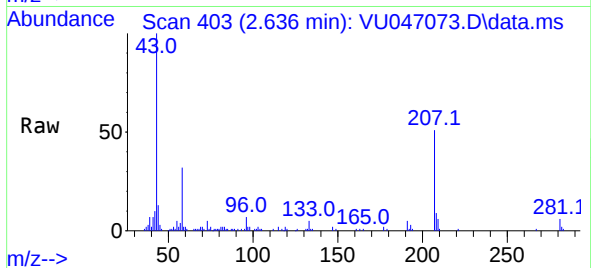




#13
Acetone
Concen: 11.57 ug/L
RT: 2.636 min Scan# 405
Delta R.T. -0.007 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

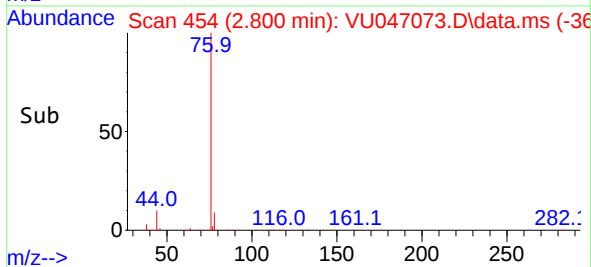
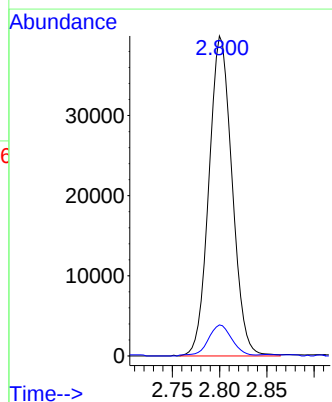
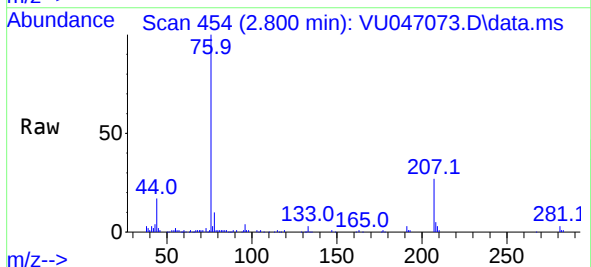
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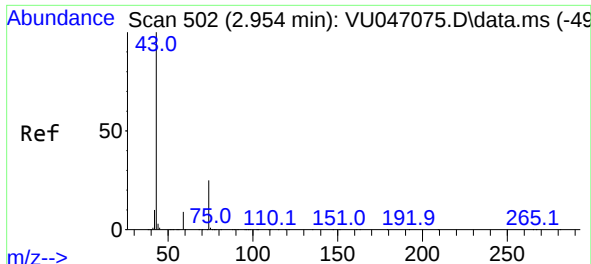
Tgt Ion: 43 Resp: 40058
Ion Ratio Lower Upper
43 100
58 33.1 0.0 71.0



#14
Carbon disulfide
Concen: 5.84 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 76 Resp: 68076
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

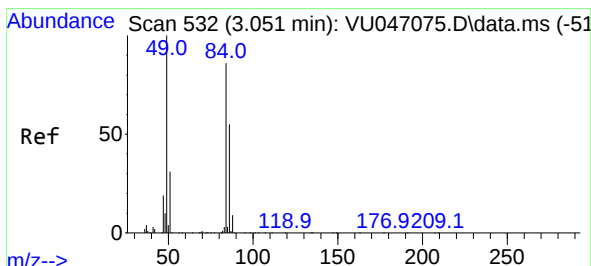
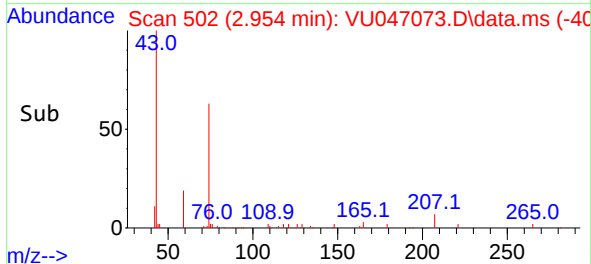
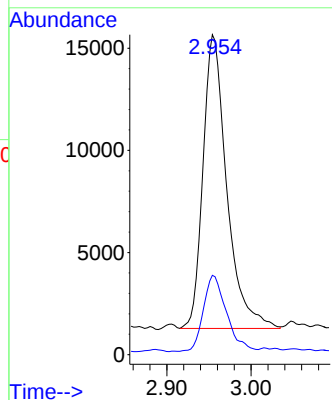
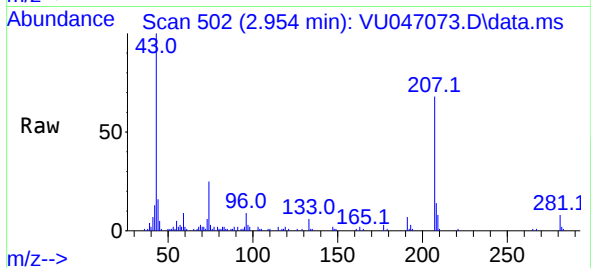




#15
Methyl Acetate
Concen: 6.13 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

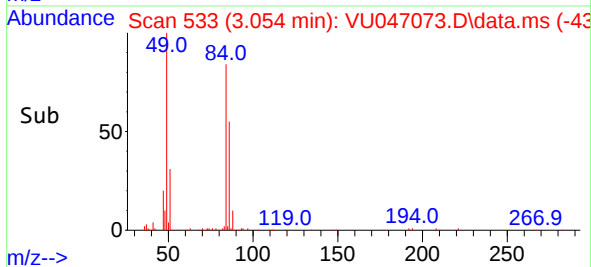
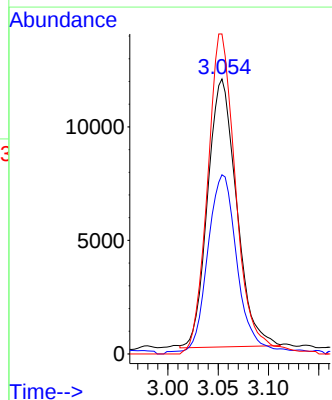
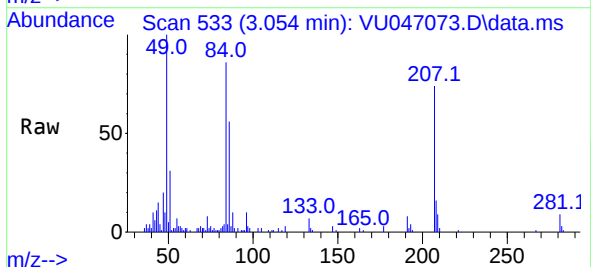
Instrument :
MSVOA_U
ClientSampleId :

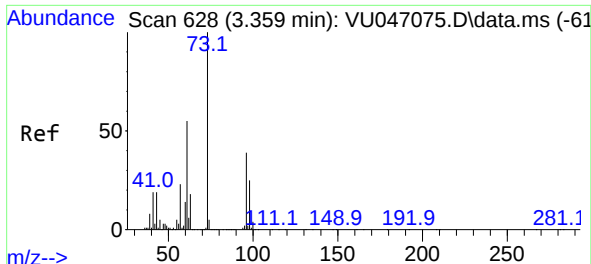
Tgt Ion: 43 Resp: 28310
Ion Ratio Lower Upper
43 100
74 25.0 22.3 33.5



#16
Methylene chloride
Concen: 4.99 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

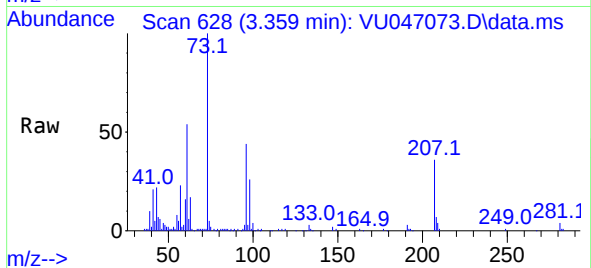
Tgt Ion: 84 Resp: 23592
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 116.4 75.9 141.1



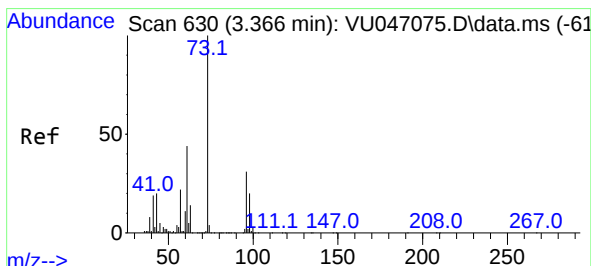
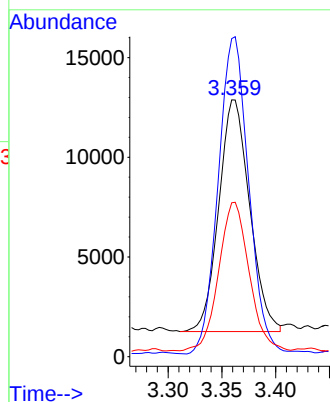
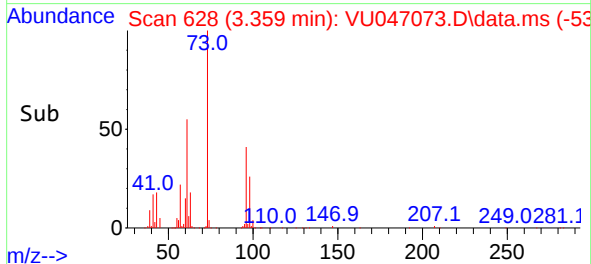


#17
trans-1,2-Dichloroethene
Concen: 5.73 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

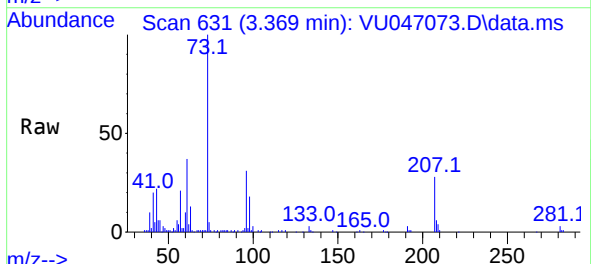
Instrument :
MSVOA_U
ClientSampleId :



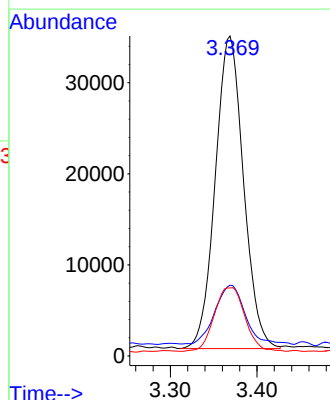
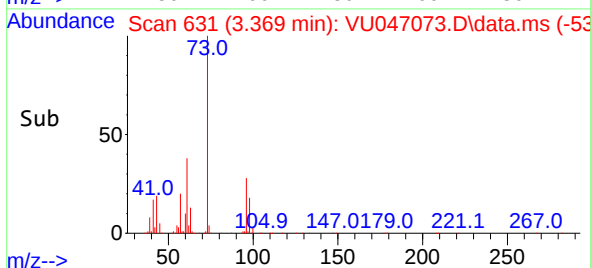
Tgt Ion: 96 Resp: 23182
Ion Ratio Lower Upper
96 100
61 123.8 92.5 171.9
98 59.9 42.4 78.6

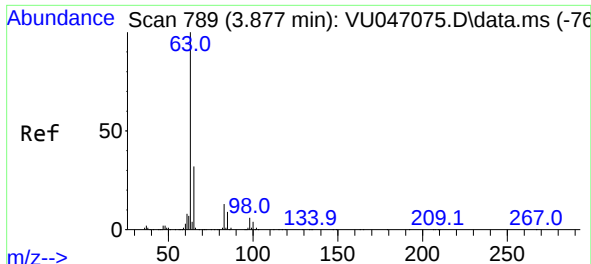


#18
Methyl tert-butyl Ether
Concen: 6.35 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15



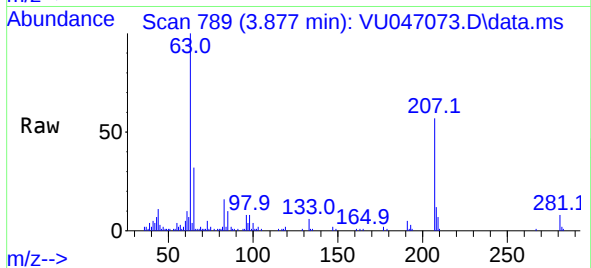
Tgt Ion: 73 Resp: 77816
Ion Ratio Lower Upper
73 100
43 19.4 14.1 21.1
57 21.8 16.4 24.6





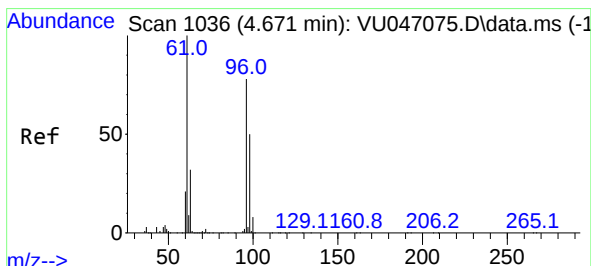
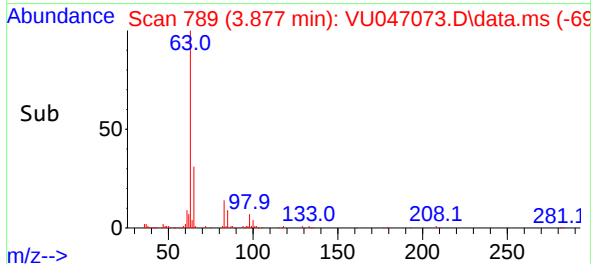
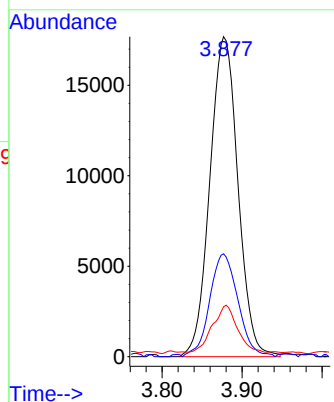
#19
1,1-Dichloroethane
Concen: 5.83 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 43194

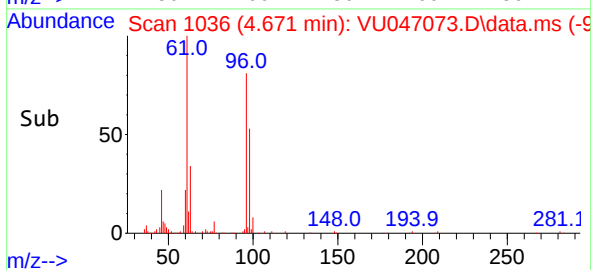
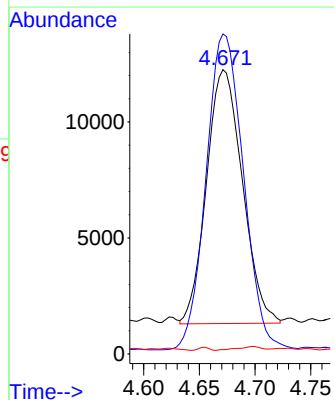
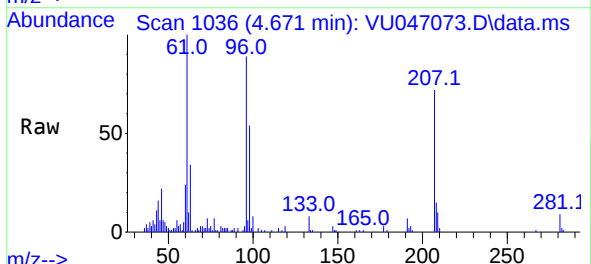
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.8	42.4
83	15.6	9.6	17.8

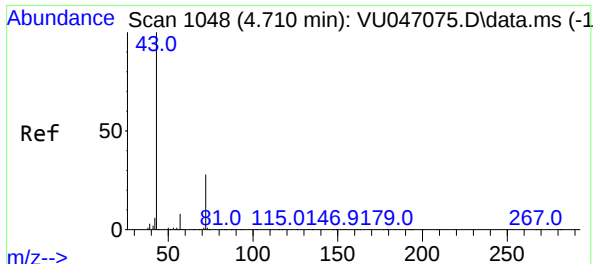


#20
cis-1,2-Dichloroethene
Concen: 5.65 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 96 Resp: 24581

Ion	Ratio	Lower	Upper
96	100		
61	112.6	86.0	159.6
68	1.5	0.0	0.0

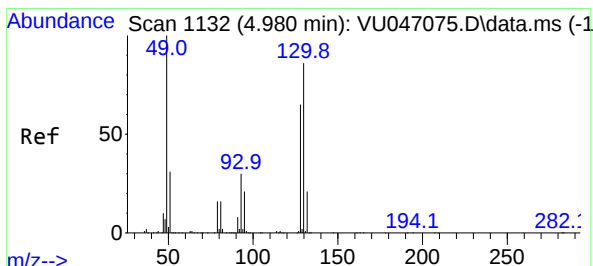
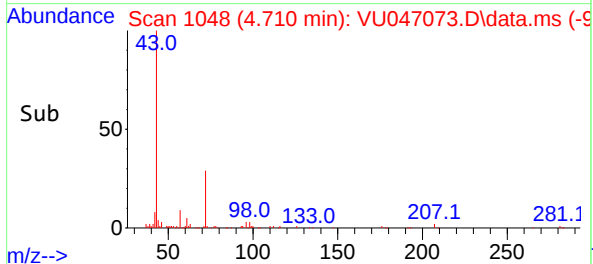
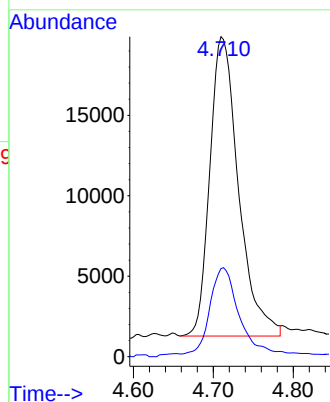
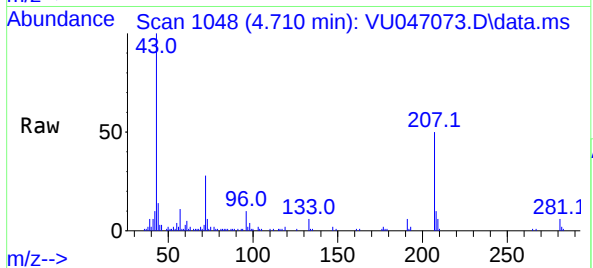




#22
2-Butanone
Concen: 11.43 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

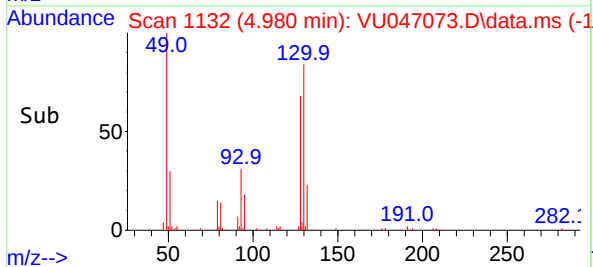
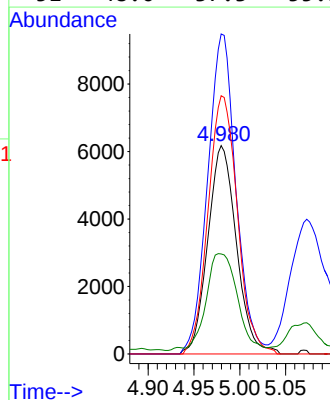
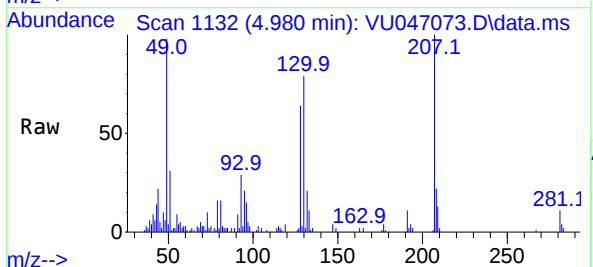
Instrument :
MSVOA_U
ClientSampleId :

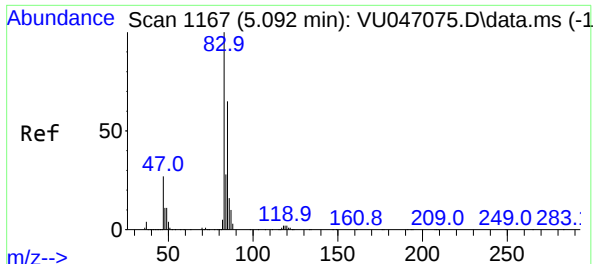
Tgt Ion: 43 Resp: 46365
Ion Ratio Lower Upper
43 100
72 28.9 15.6 46.8



#23
Bromochloromethane
Concen: 5.78 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion:128 Resp: 13403
Ion Ratio Lower Upper
128 100
49 153.7 105.4 195.8
130 124.0 88.7 164.7
51 48.0 37.3 55.9

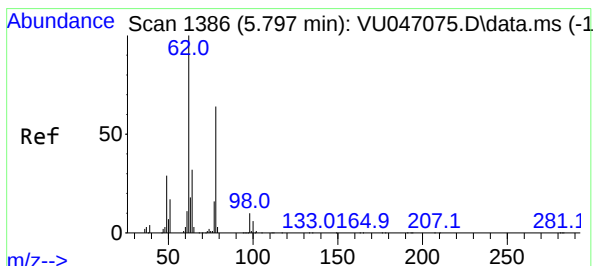
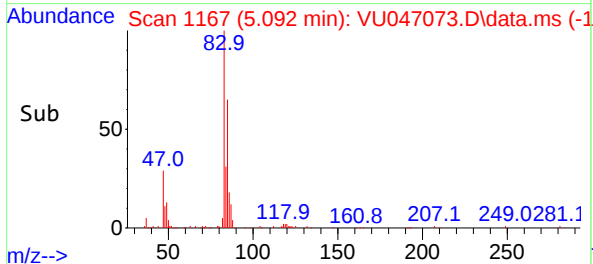
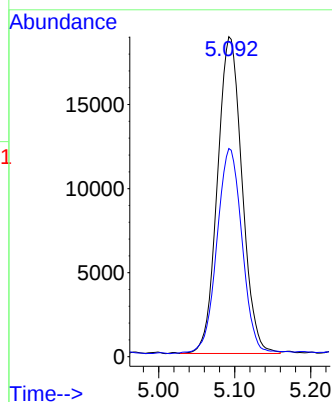
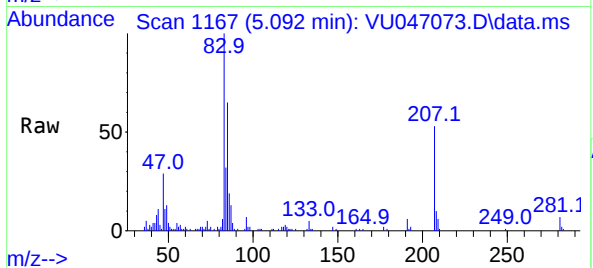




#25
Chloroform
Concen: 5.33 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

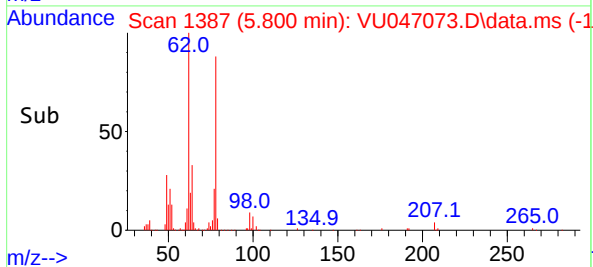
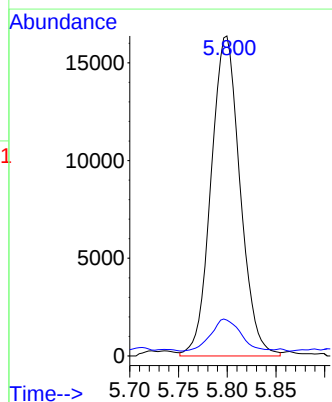
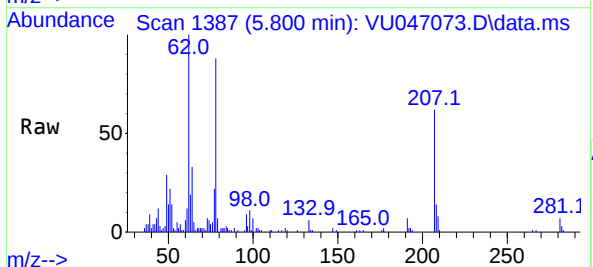
Instrument :
MSVOA_U
ClientSampleId :

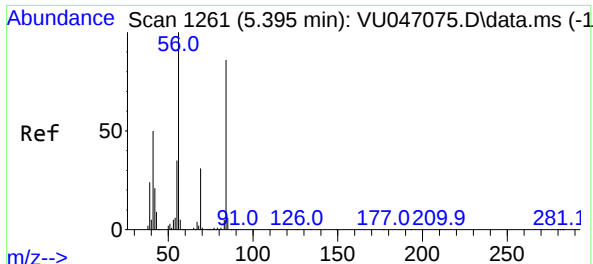
Tgt Ion: 83 Resp: 42390
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.55 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

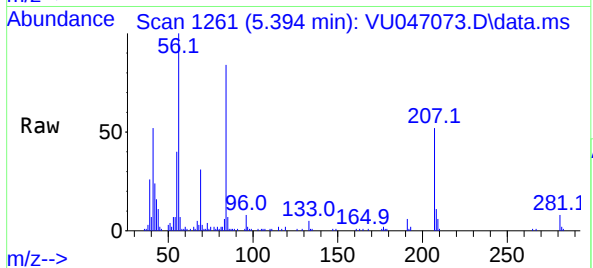
Tgt Ion: 62 Resp: 33943
Ion Ratio Lower Upper
62 100
98 11.2 7.7 11.5



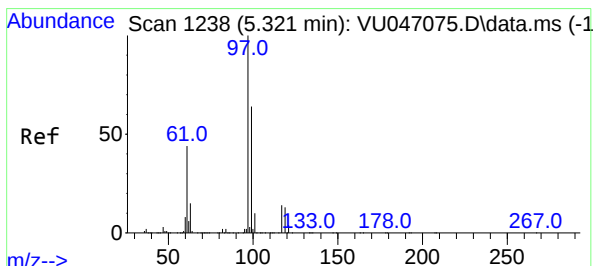
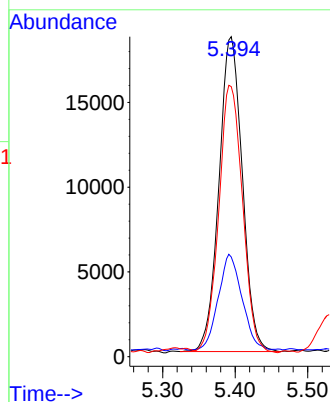
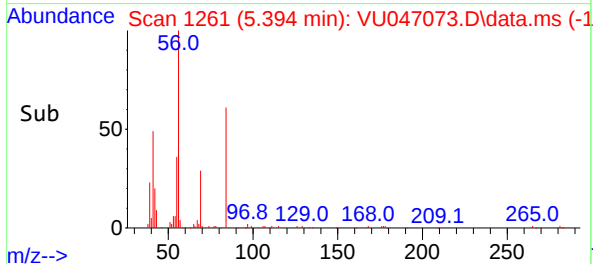


#29
Cyclohexane
Concen: 7.01 ug/L
RT: 5.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

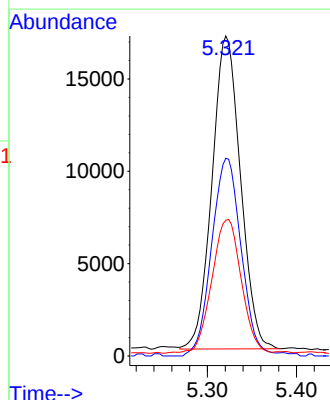
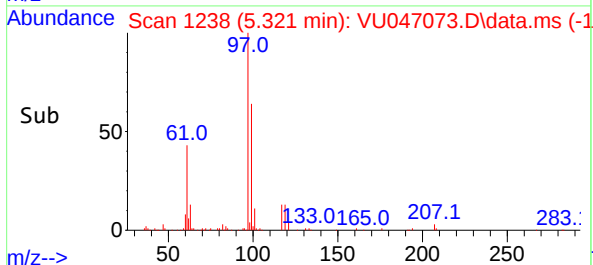
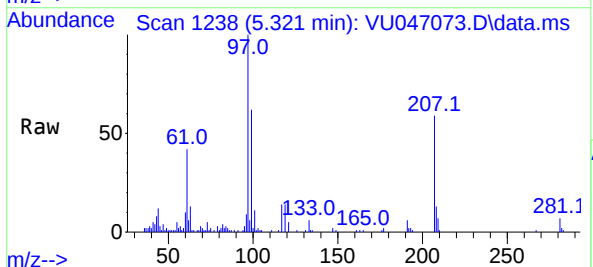


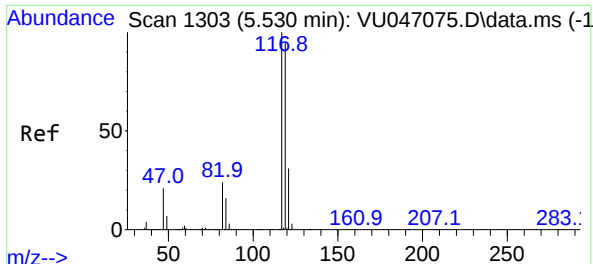
Tgt Ion: 56 Resp: 41670
Ion Ratio Lower Upper
56 100
69 31.0 25.8 38.6
84 86.6 74.2 111.2



#30
1,1,1-Trichloroethane
Concen: 5.70 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 97 Resp: 37654
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 43.2 34.1 51.1

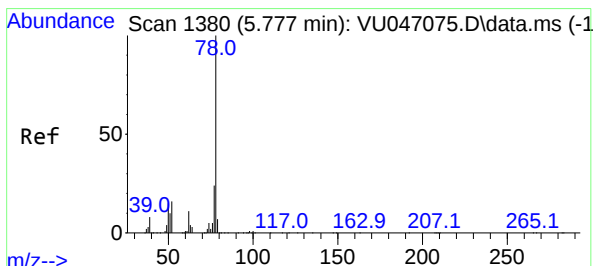
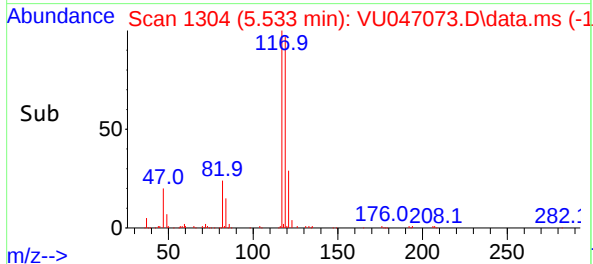
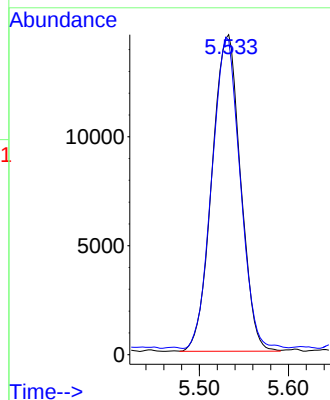
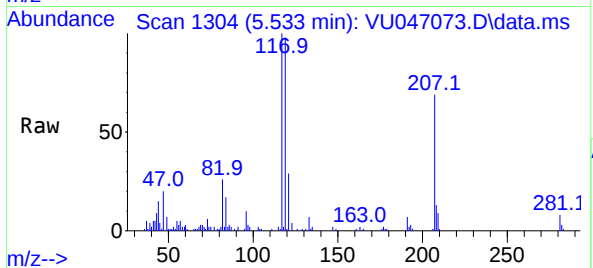




#31
Carbon tetrachloride
Concen: 5.64 ug/L
RT: 5.533 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

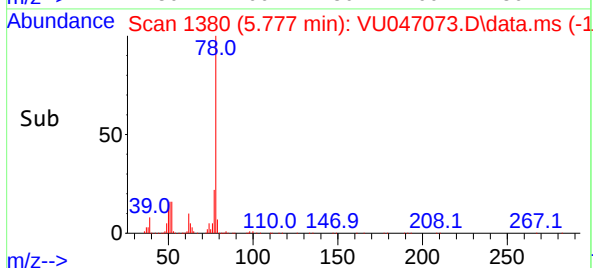
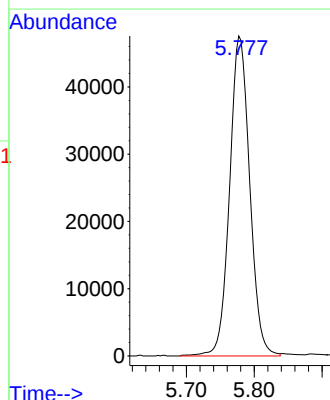
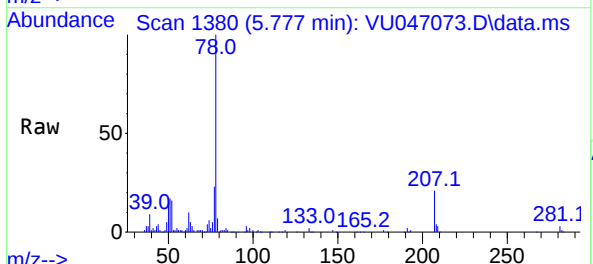
Instrument :
MSVOA_U
ClientSampleId :

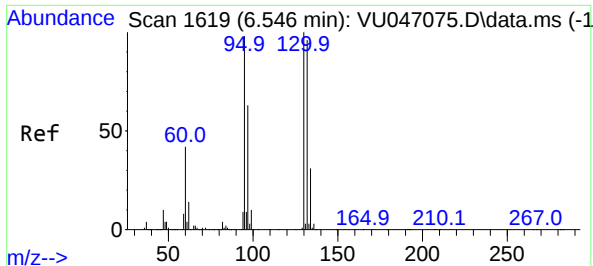
Tgt Ion:117 Resp: 32381
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 6.04 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

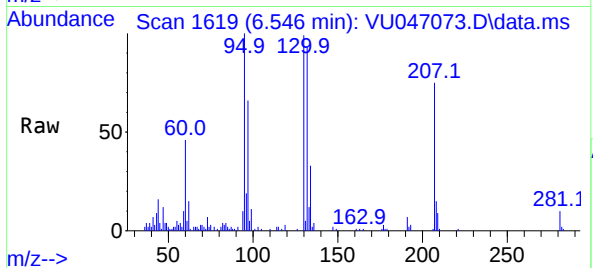
Tgt Ion: 78 Resp: 98119





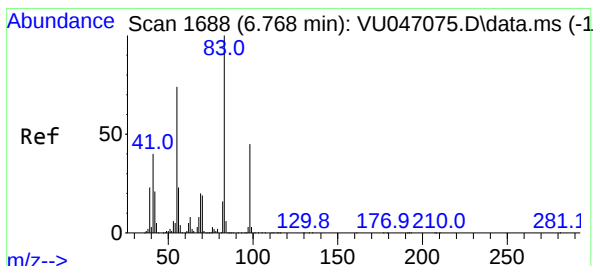
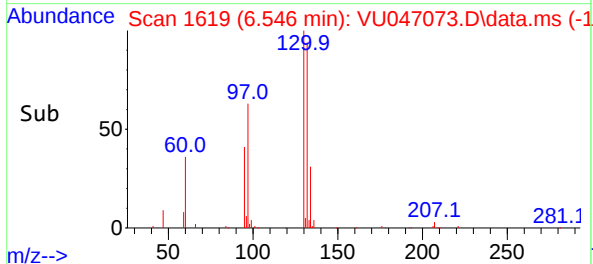
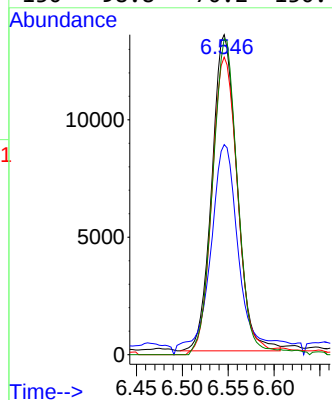
#34
Trichloroethene
Concen: 5.99 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 25676

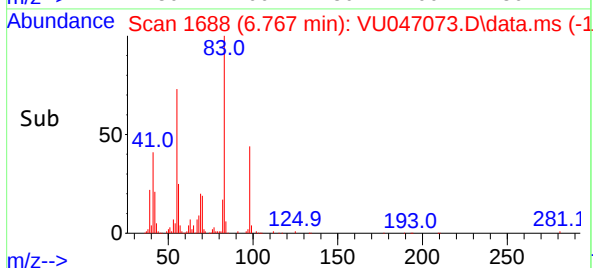
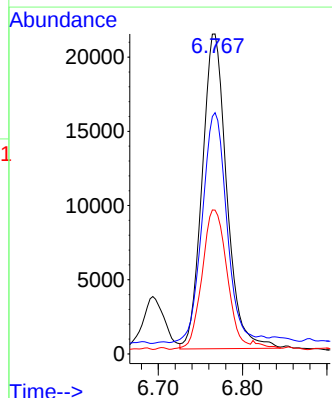
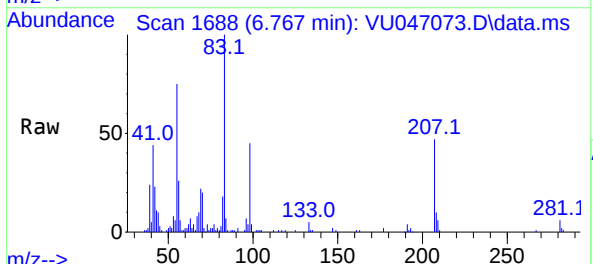
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.1	83.7
132	93.0	66.7	123.9
130	98.8	70.2	130.4

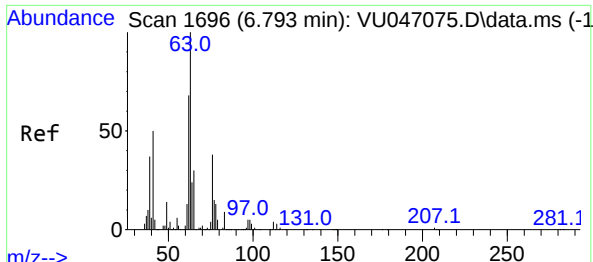


#35
Methylcyclohexane
Concen: 6.46 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 83 Resp: 43156

Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.6	85.0
98	44.9	38.4	57.6

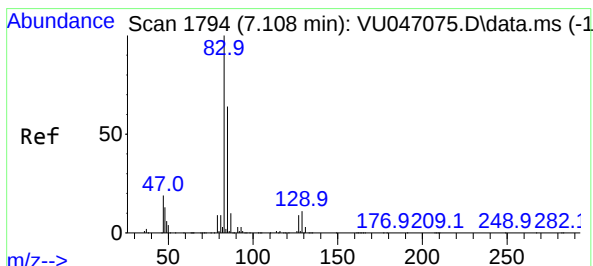
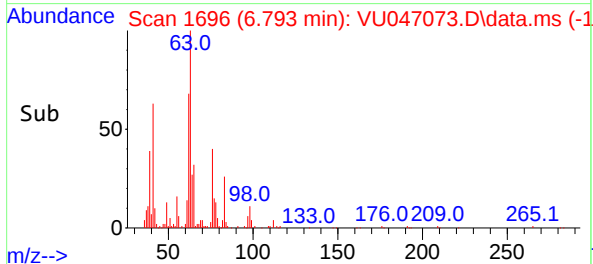
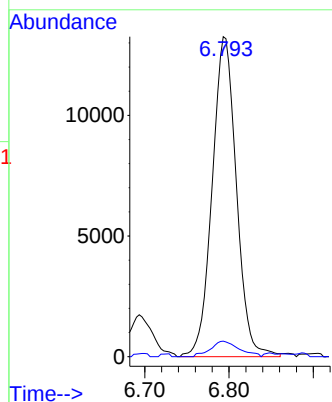
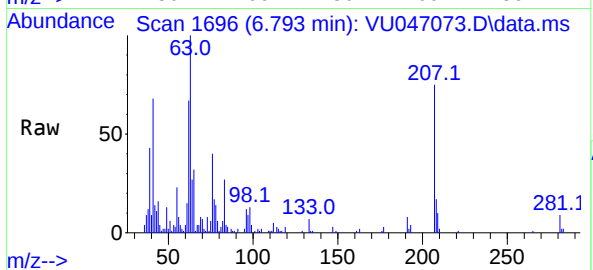




#37
1,2-Dichloropropane
Concen: 6.31 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

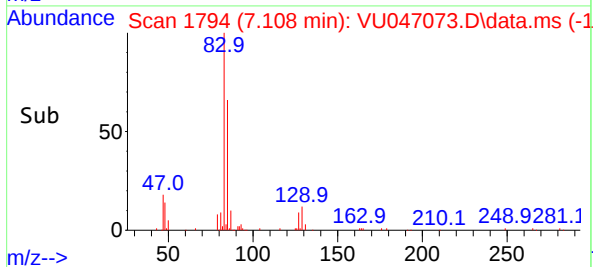
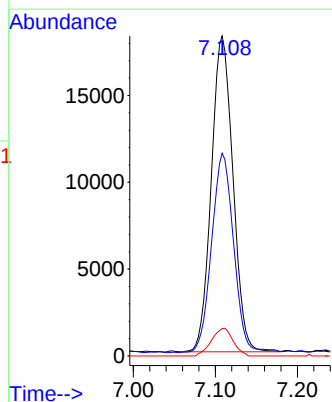
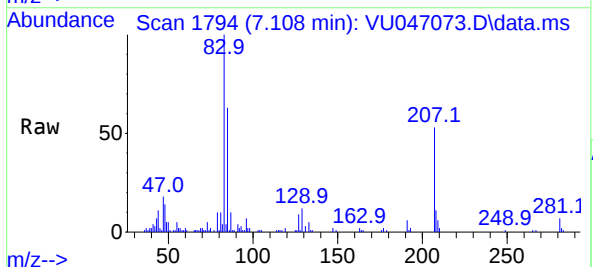
Instrument :
MSVOA_U
ClientSampleId :

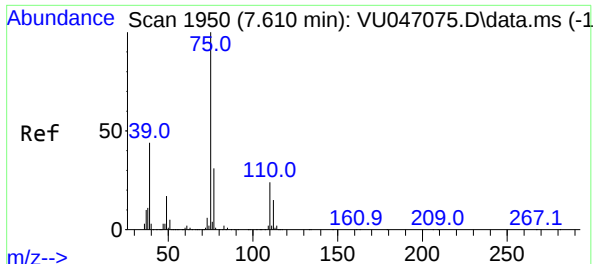
Tgt Ion: 63 Resp: 26477
Ion Ratio Lower Upper
63 100
112 5.4 3.7 5.5



#38
Bromodichloromethane
Concen: 5.83 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 83 Resp: 33229
Ion Ratio Lower Upper
83 100
85 63.3 45.0 83.6
127 8.6 7.3 10.9

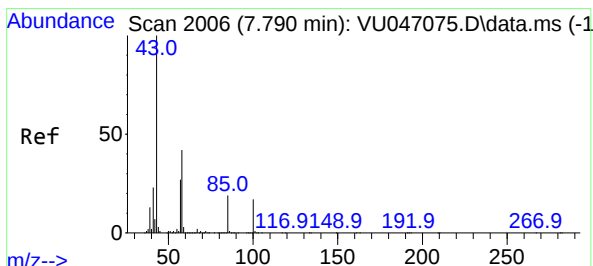
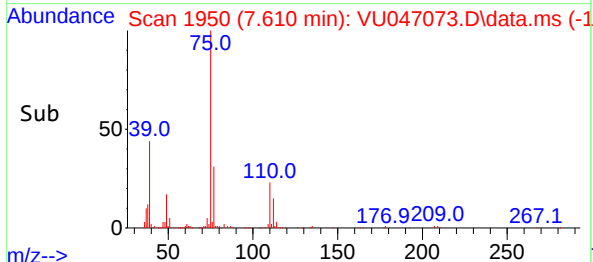
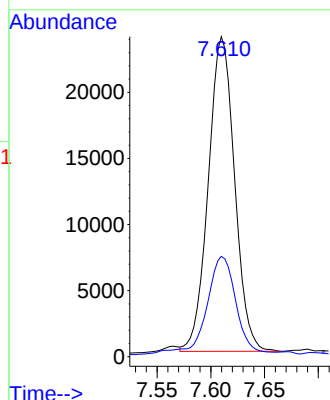
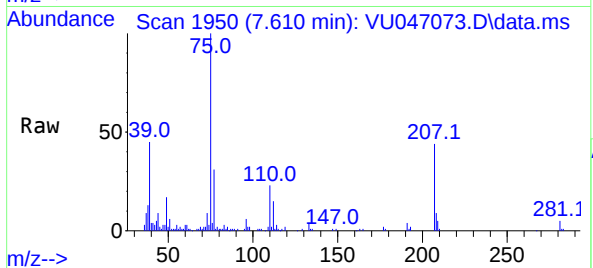




#39
cis-1,3-Dichloropropene
Concen: 6.21 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

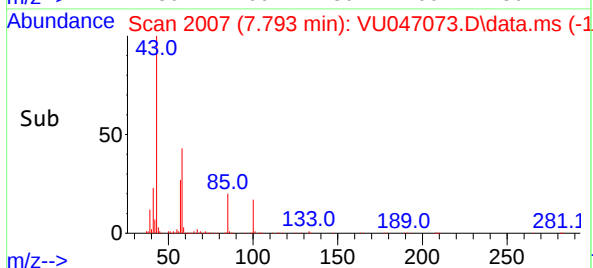
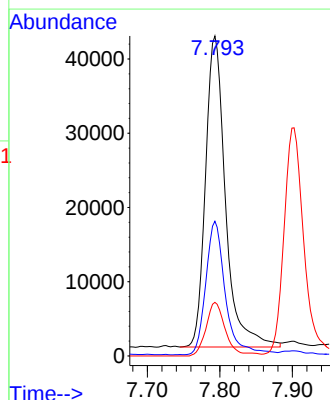
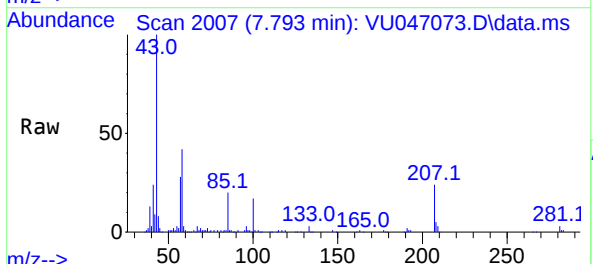
Instrument :
MSVOA_U
ClientSampleId :

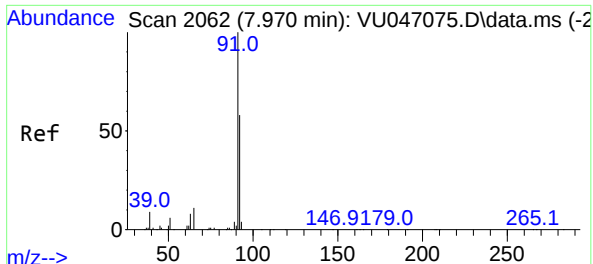
Tgt Ion: 75 Resp: 40577
Ion Ratio Lower Upper
75 100
77 31.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 13.60 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 43 Resp: 80291
Ion Ratio Lower Upper
43 100
58 42.0 35.8 53.8
100 16.3 15.7 23.5

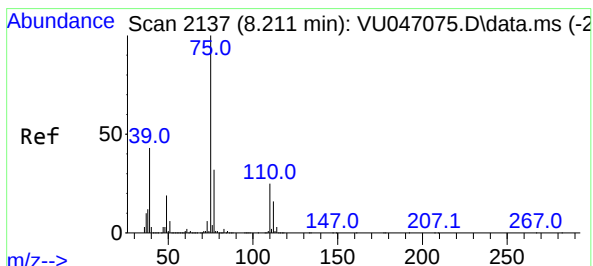
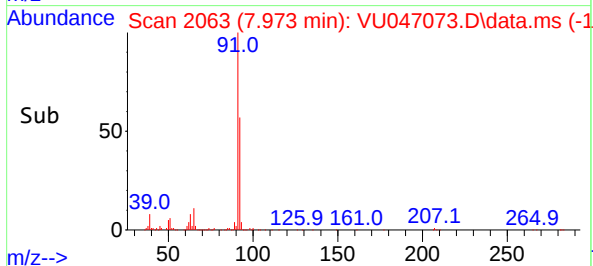
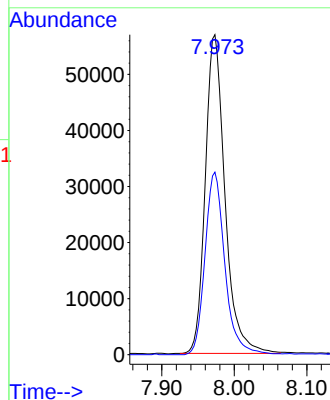
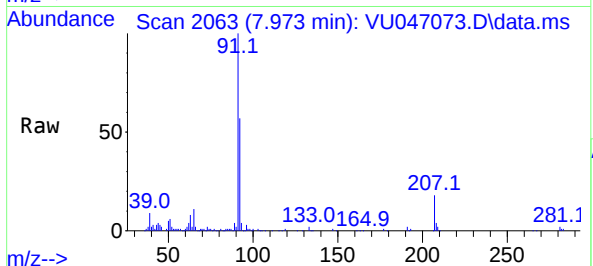




#42
Toluene
Concen: 6.25 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

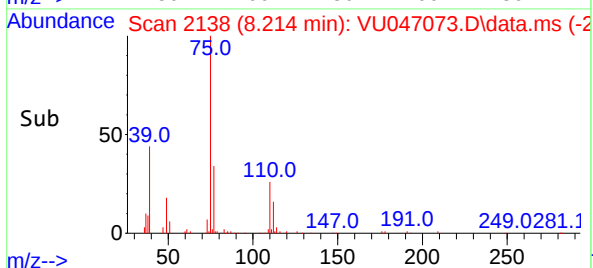
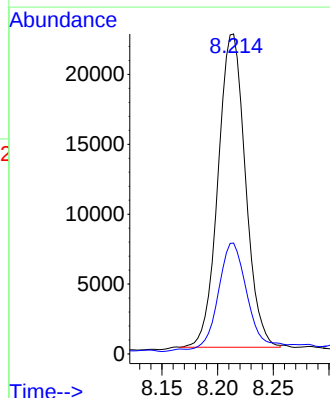
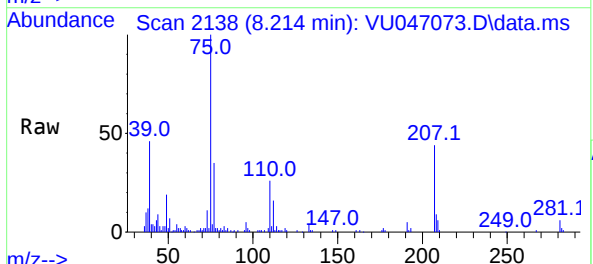
Instrument :
MSVOA_U
ClientSampleId :

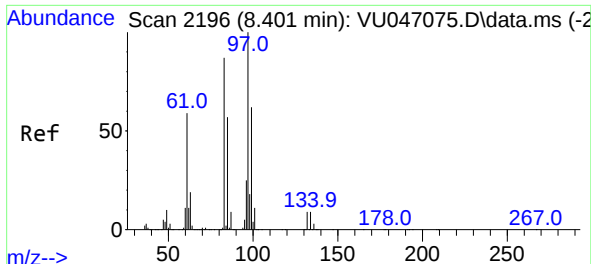
Tgt Ion: 91 Resp: 107319
Ion Ratio Lower Upper
91 100
92 57.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 6.05 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 75 Resp: 38322
Ion Ratio Lower Upper
75 100
77 34.7 23.0 42.8



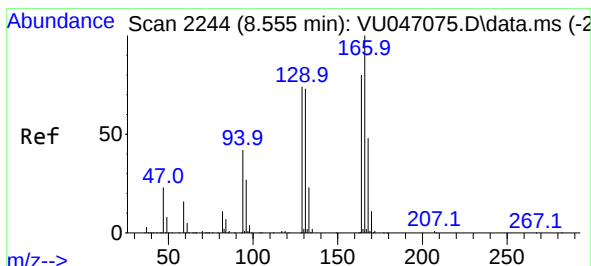
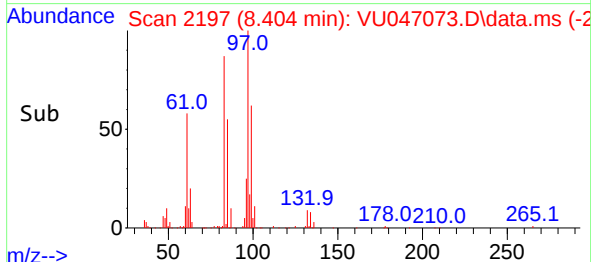
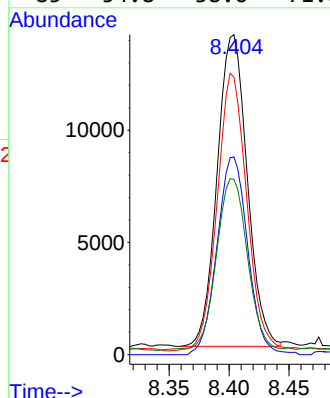
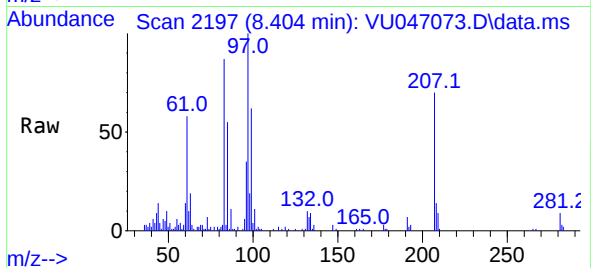


#45
1,1,2-Trichloroethane
Concen: 5.73 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 24238

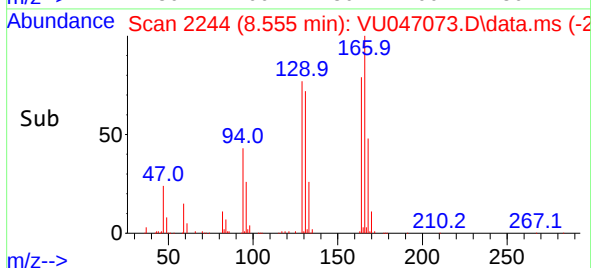
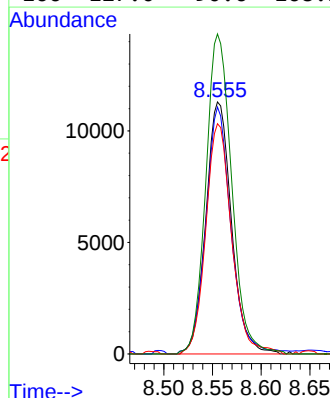
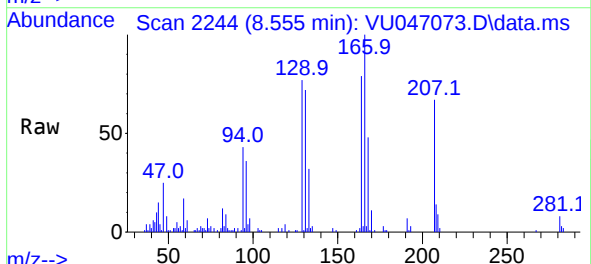
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.4	78.8
83	86.7	59.4	110.4
85	54.8	38.6	71.8

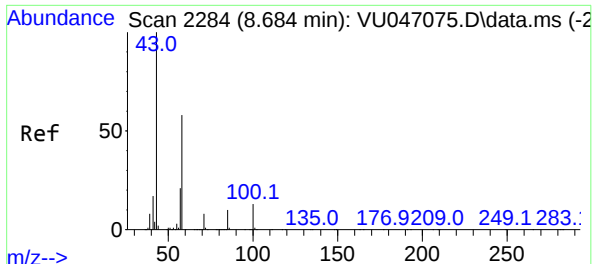


#46
Tetrachloroethene
Concen: 6.32 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 164 Resp: 20717

Ion	Ratio	Lower	Upper
164	100		
129	98.0	69.5	129.1
131	91.3	67.0	124.4
166	127.0	90.6	168.2



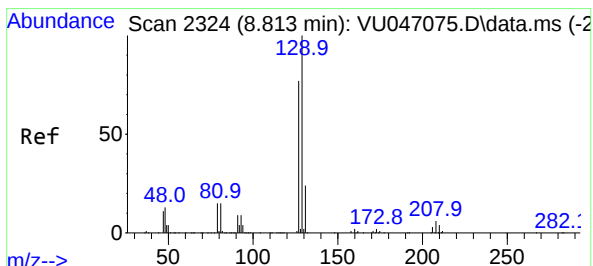
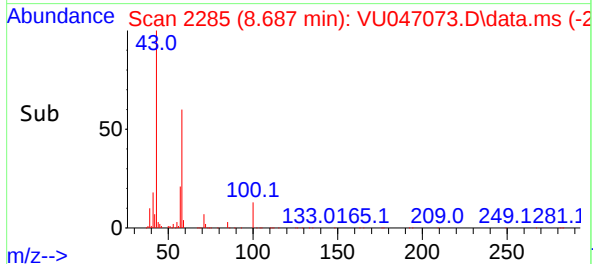
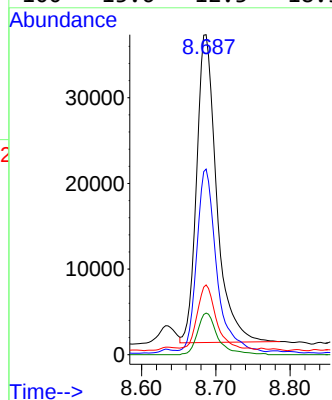
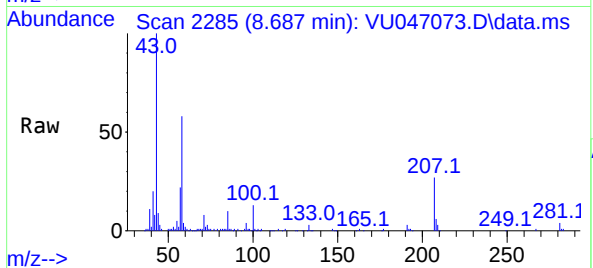


#48
2-Hexanone
Concen: 13.65 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 67681

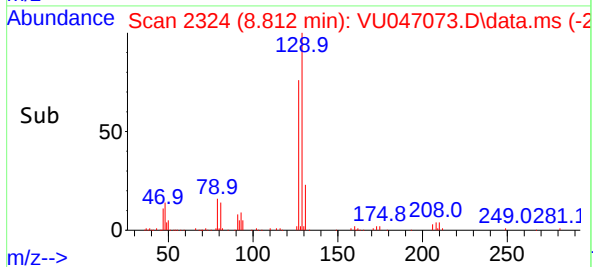
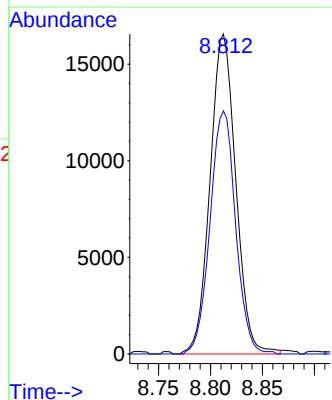
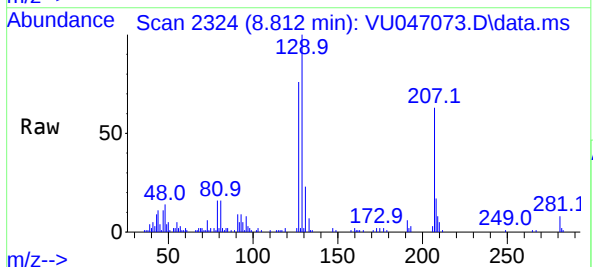
Ion	Ratio	Lower	Upper
43	100		
58	60.3	49.4	74.2
57	19.1	17.5	26.3
100	13.6	12.3	18.5

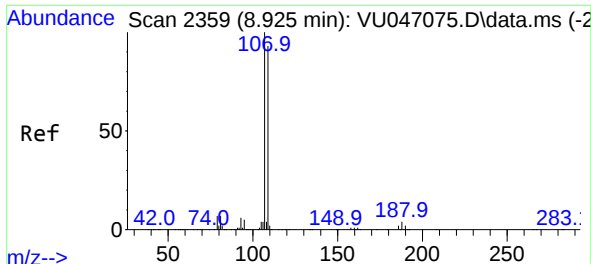


#49
Dibromochloromethane
Concen: 6.06 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion: 129 Resp: 28523

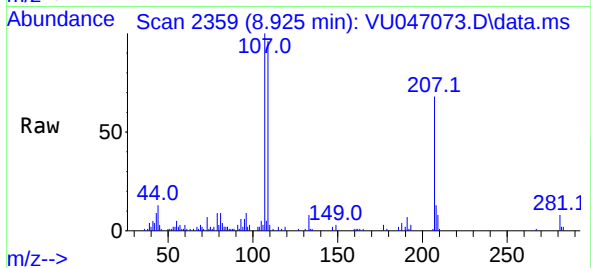
Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.5	101.3



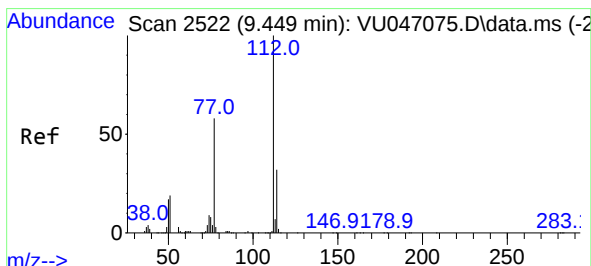
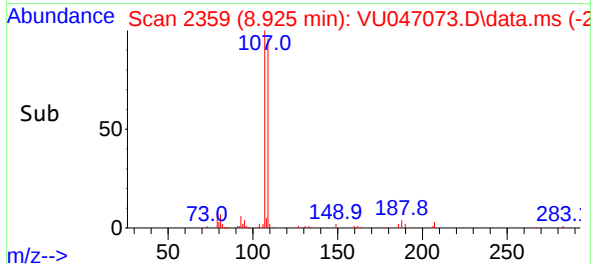
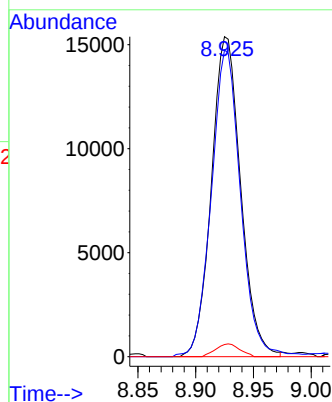


#50
1,2-Dibromoethane
Concen: 6.08 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

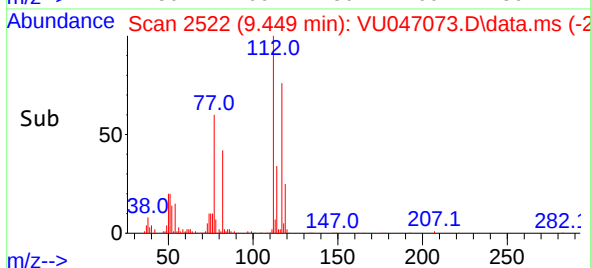
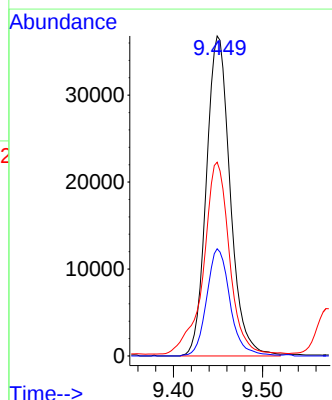
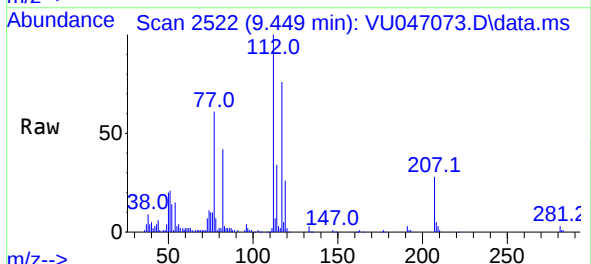


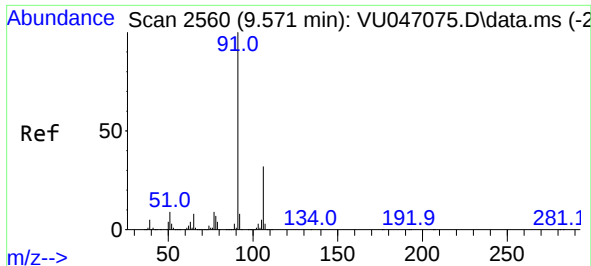
Tgt Ion:107 Resp: 27069
Ion Ratio Lower Upper
107 100
109 95.8 65.6 121.8
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 6.08 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion:112 Resp: 68294
Ion Ratio Lower Upper
112 100
114 33.5 22.1 41.1
77 60.6 46.5 69.7

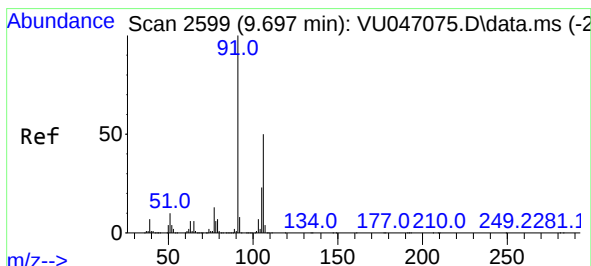
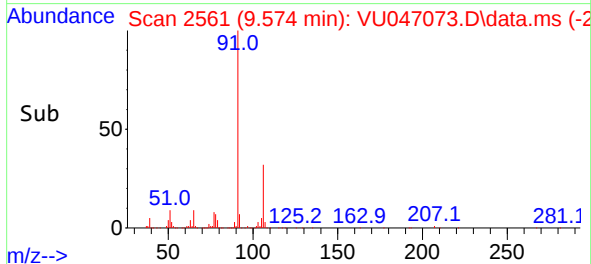
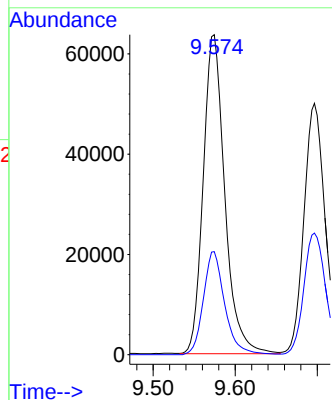
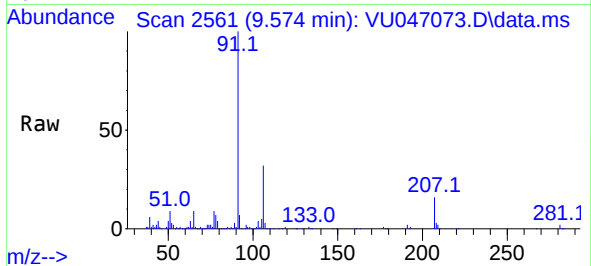




#52
Ethylbenzene
Concen: 6.33 ug/L
RT: 9.574 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

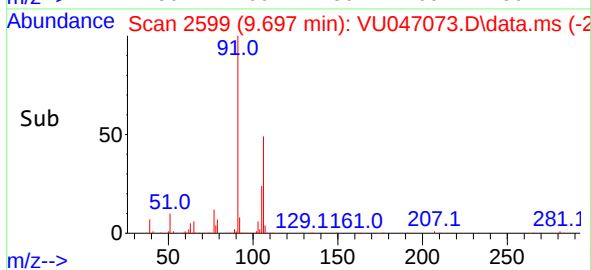
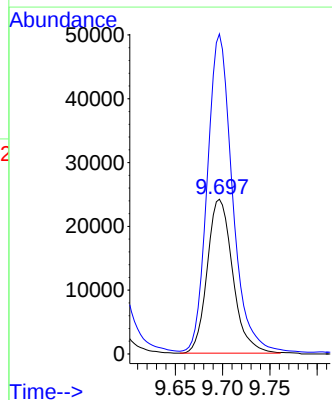
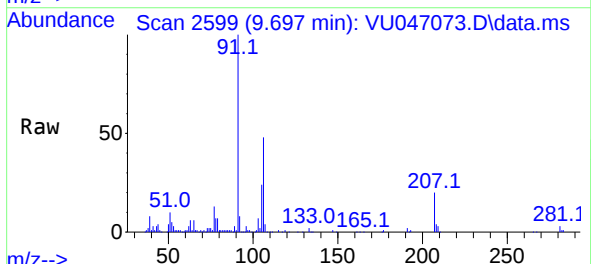
Instrument :
MSVOA_U
ClientSampleId :

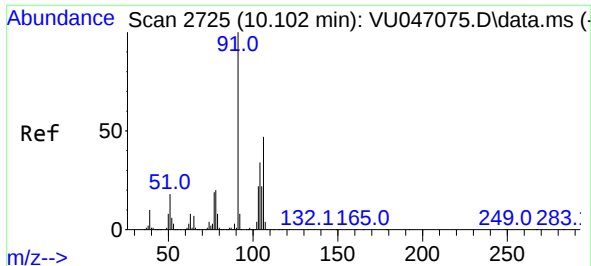
Tgt Ion: 91 Resp: 116210
Ion Ratio Lower Upper
91 100
106 32.2 21.8 40.4



#53
m,p-Xylene
Concen: 6.36 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion:106 Resp: 45287
Ion Ratio Lower Upper
106 100
91 206.9 145.5 270.1

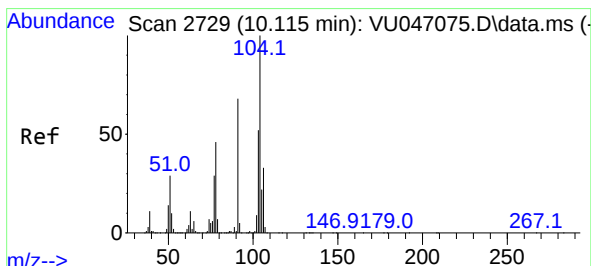
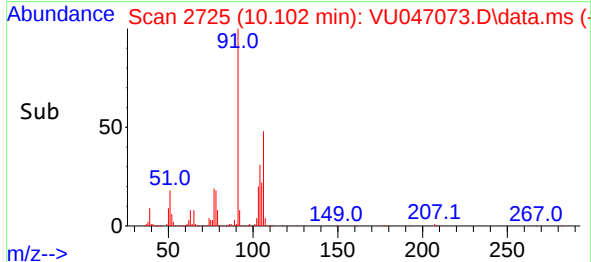
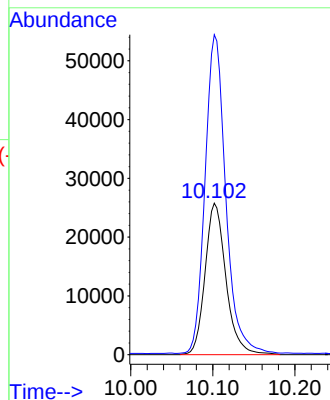
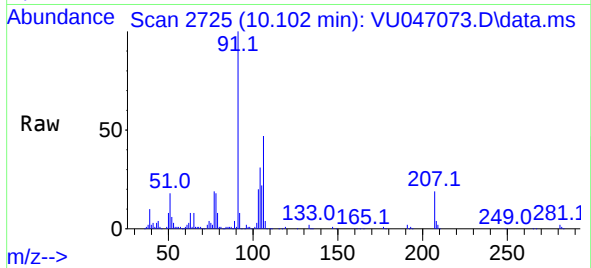




#54
o-xylene
Concen: 6.69 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

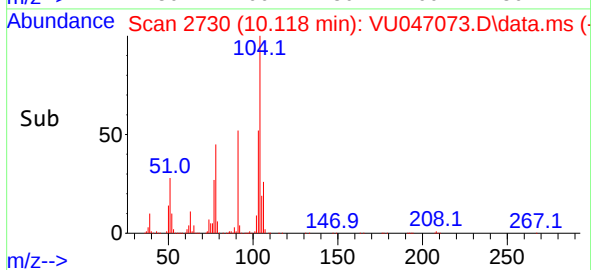
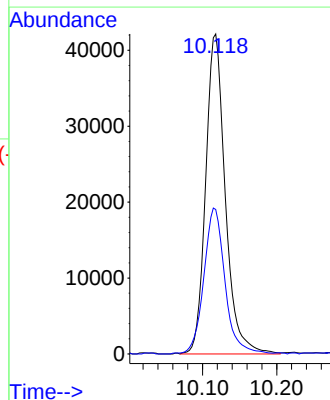
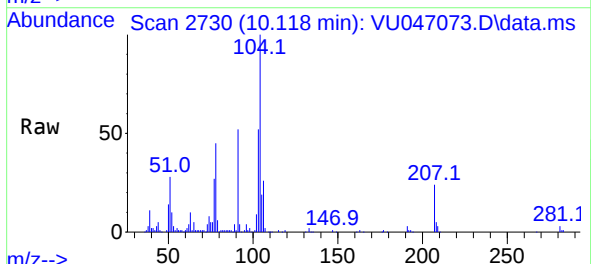
Instrument :
MSVOA_U
ClientSampleId :

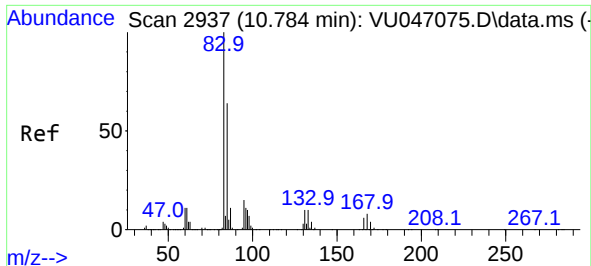
Tgt Ion:106 Resp: 45617
Ion Ratio Lower Upper
106 100
91 211.2 152.0 282.2



#55
Styrene
Concen: 6.51 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

Tgt Ion:104 Resp: 77368
Ion Ratio Lower Upper
104 100
78 45.2 32.6 60.6

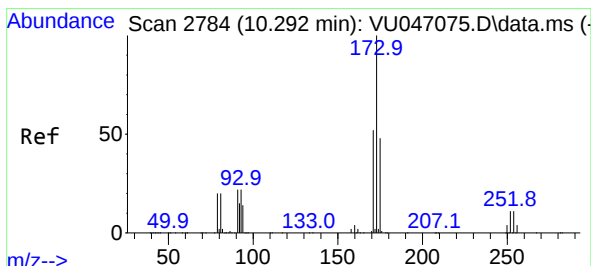
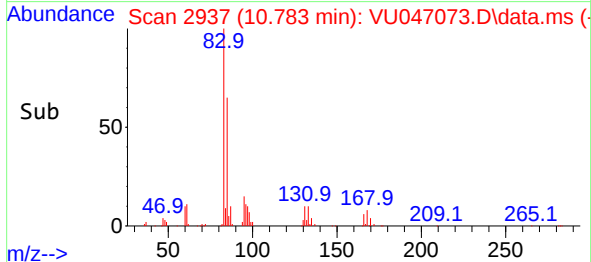
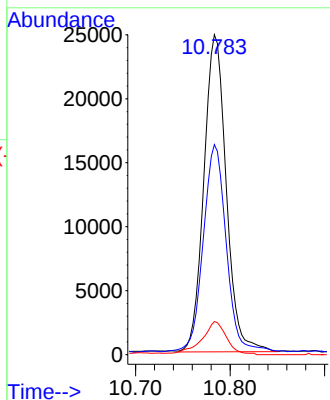
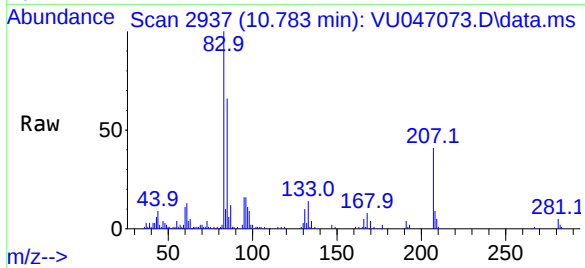




#57
1,1,2,2-Tetrachloroethane
Concen: 5.50 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

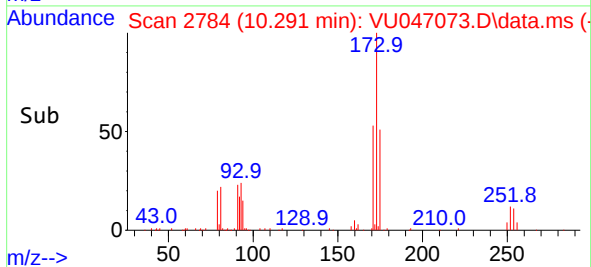
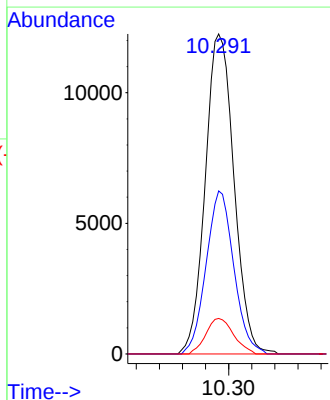
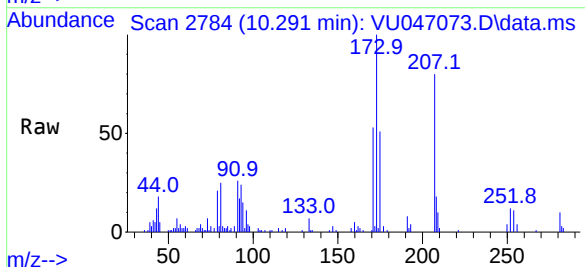
Instrument :
MSVOA_U
ClientSampleId :

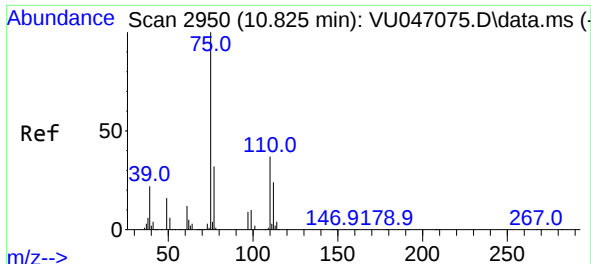
Tgt Ion:	83	Resp:	40822
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.7	83.1
131	10.4	7.8	11.6



#59
Bromoform
Concen: 5.98 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

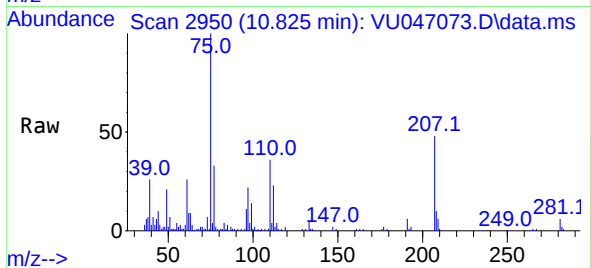
Tgt Ion:	173	Resp:	21143
Ion	Ratio	Lower	Upper
173	100		
175	49.1	37.6	56.4
254	10.7	8.1	12.1



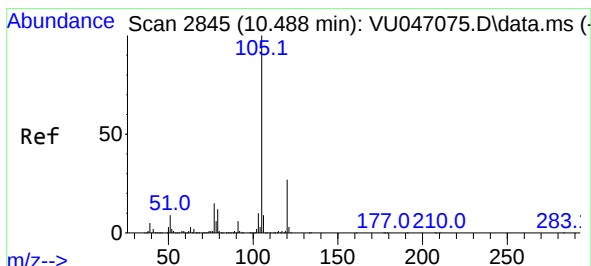
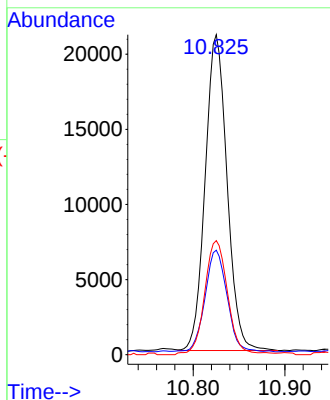
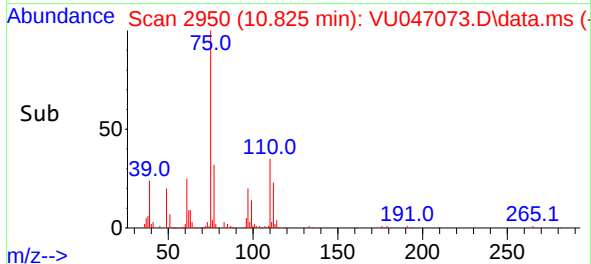


#60
1,2,3-Trichloropropane
Concen: 5.84 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

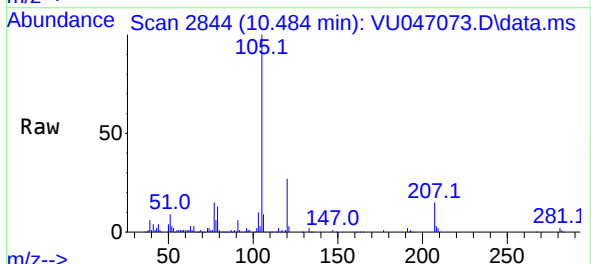
Instrument :
MSVOA_U
ClientSampleId :



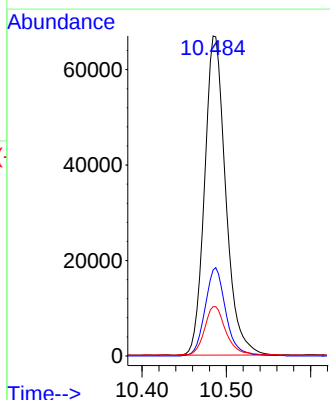
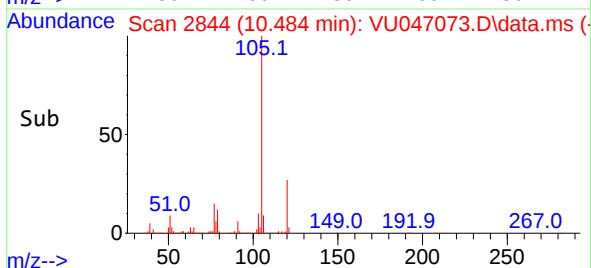
Tgt Ion: 75 Resp: 34925
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 36.3 32.5 48.7

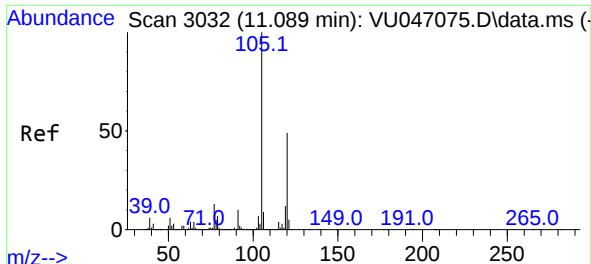


#61
Isopropylbenzene
Concen: 6.63 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15



Tgt Ion: 105 Resp: 116564
Ion Ratio Lower Upper
105 100
120 27.2 20.6 31.0
77 15.4 12.6 18.8

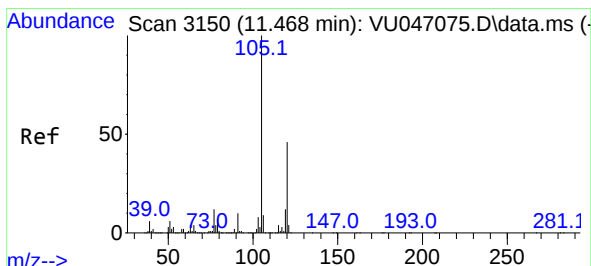
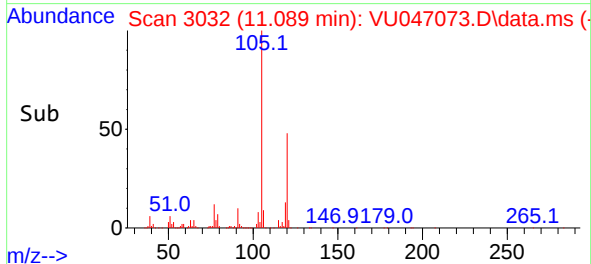
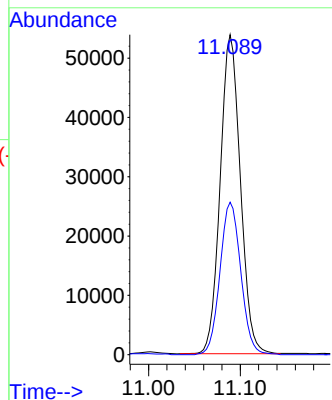
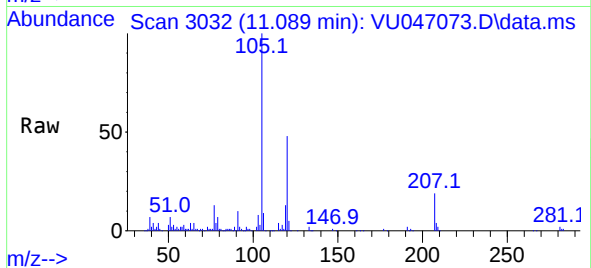




#62
1,3,5-Trimethylbenzene
Concen: 5.80 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

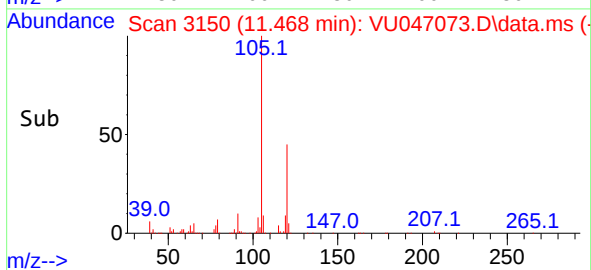
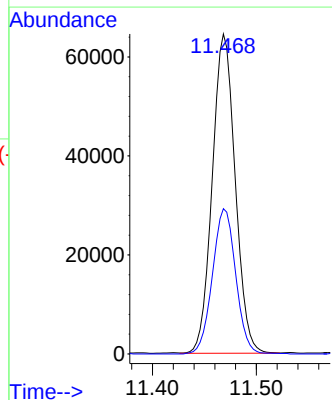
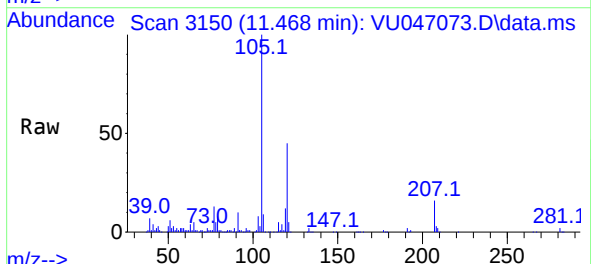
Instrument :
MSVOA_U
ClientSampleId :

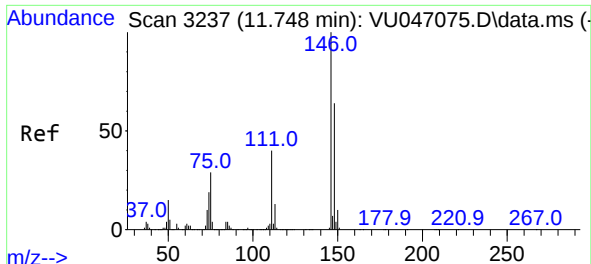
Tgt Ion:105 Resp: 82286
Ion Ratio Lower Upper
105 100
120 49.2 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 6.72 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

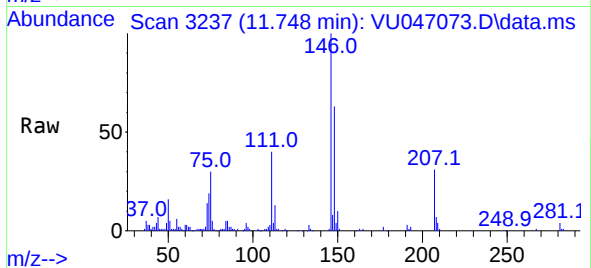
Tgt Ion:105 Resp: 98804
Ion Ratio Lower Upper
105 100
120 46.3 35.4 53.2



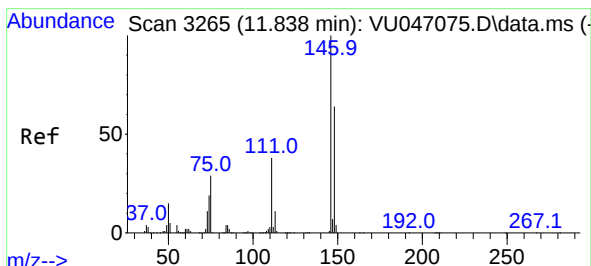
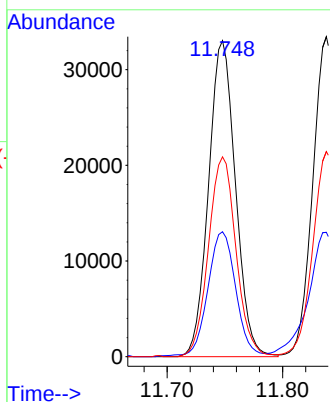
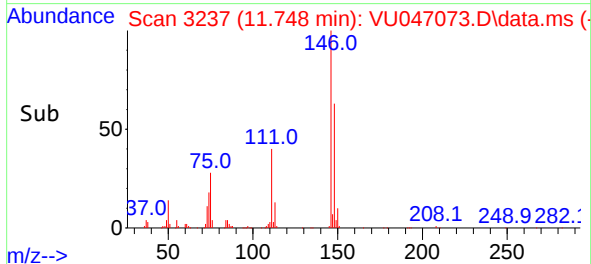


#64
1,3-Dichlorobenzene
Concen: 6.08 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

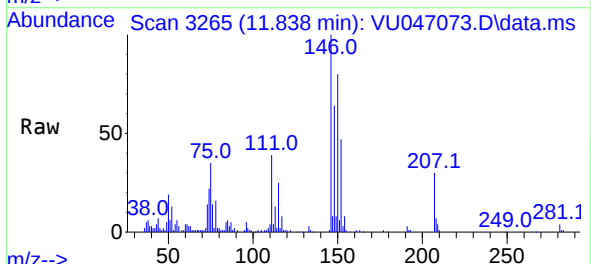
Instrument :
MSVOA_U
ClientSampleId :



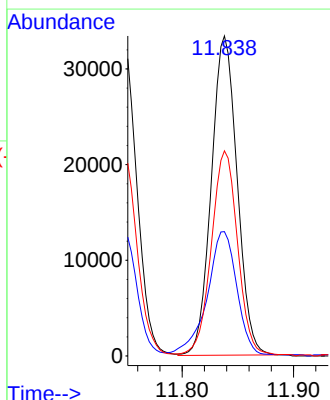
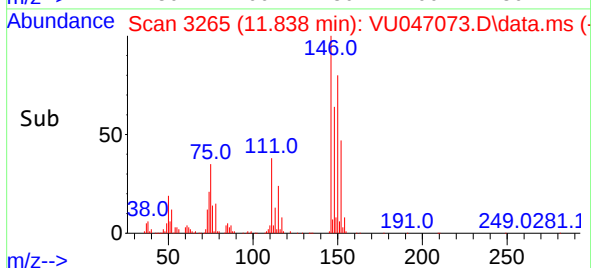
Tgt Ion:146 Resp: 53437
Ion Ratio Lower Upper
146 100
111 39.5 29.4 54.6
148 63.2 45.8 85.2

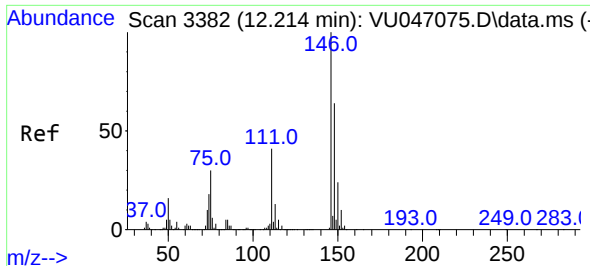


#65
1,4-Dichlorobenzene
Concen: 5.90 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15



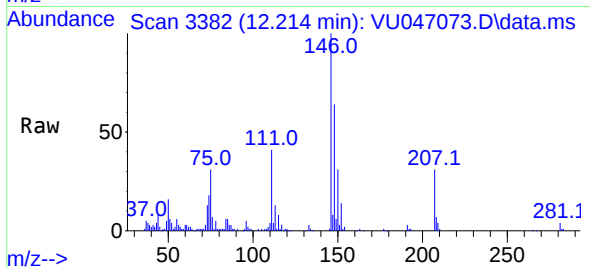
Tgt Ion:146 Resp: 53728
Ion Ratio Lower Upper
146 100
111 38.9 28.9 53.7
148 64.1 44.5 82.7



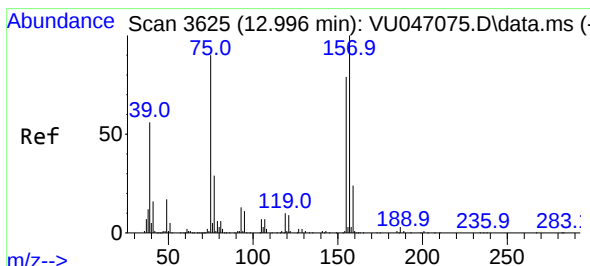
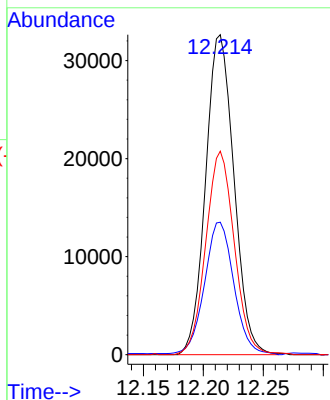
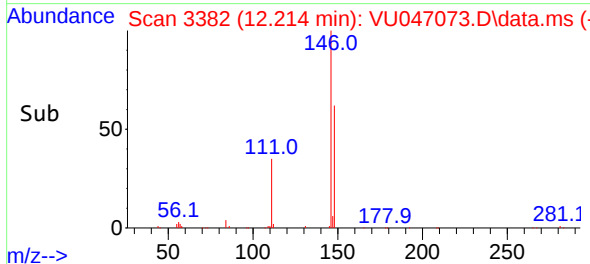


#67
1,2-Dichlorobenzene
Concen: 6.10 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

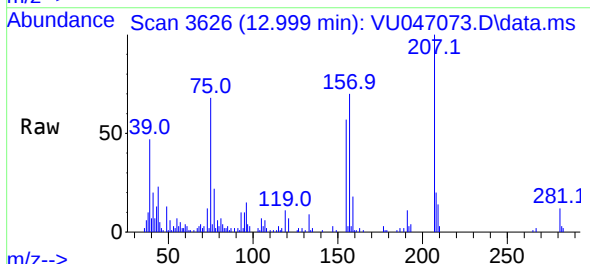
Instrument :
MSVOA_U
ClientSampleId :



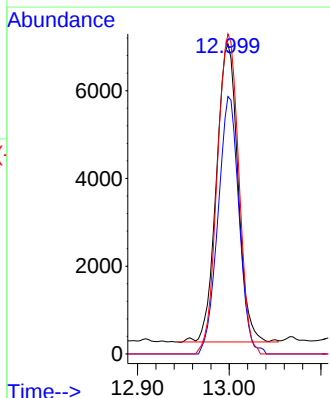
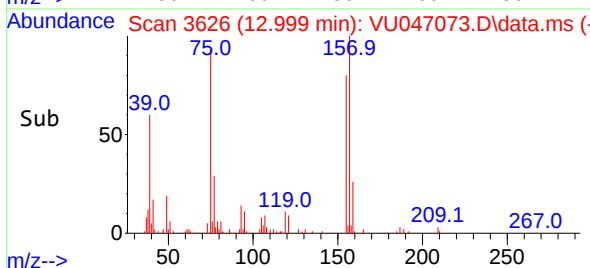
Tgt Ion:146 Resp: 53681
Ion Ratio Lower Upper
146 100
111 41.4 34.2 51.4
148 63.6 51.3 76.9

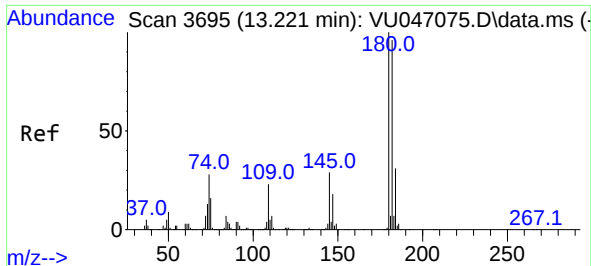


#68
1,2-Dibromo-3-chloropropane
Concen: 6.17 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15



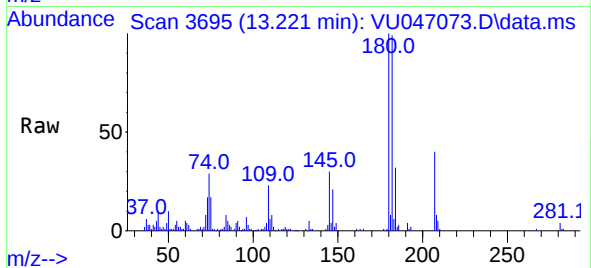
Tgt Ion: 75 Resp: 11096
Ion Ratio Lower Upper
75 100
155 83.1 65.0 97.4
157 103.3 79.7 119.5





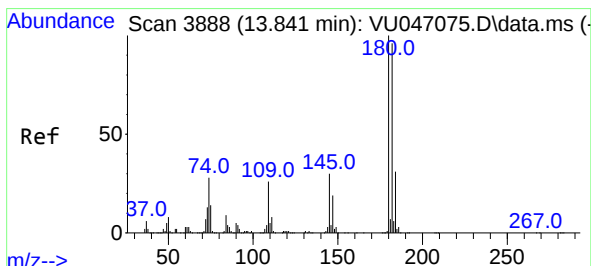
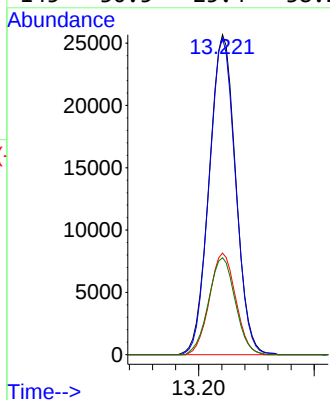
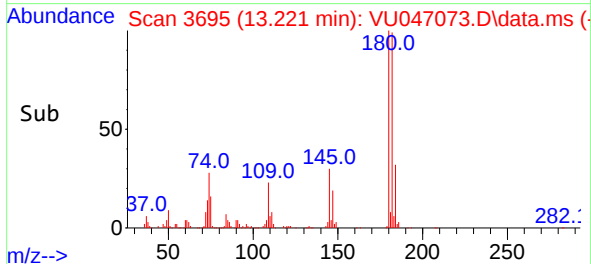
#69
 1,3,5-Trichlorobenzene
 Concen: 6.07 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU047073.D
 Acq: 10 Feb 2022 14:15

Instrument :
 MSVOA_U
 ClientSampleId :

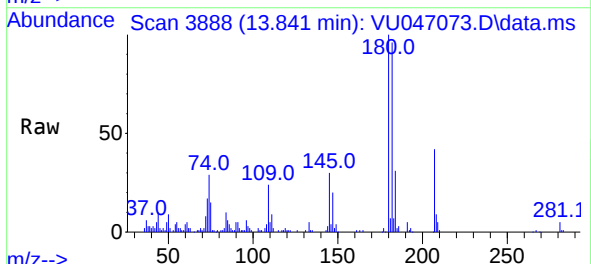


Tgt Ion:180 Resp: 40975

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.0	115.6
184	31.3	24.7	37.1
145	30.5	25.4	38.2

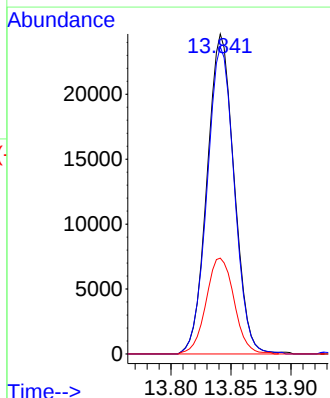
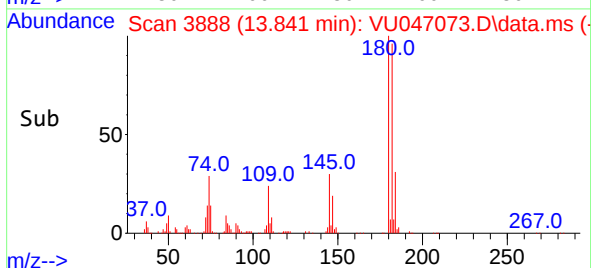


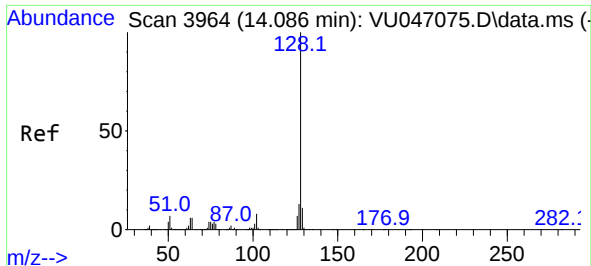
#70
 1,2,4-trichlorobenzene
 Concen: 6.58 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047073.D
 Acq: 10 Feb 2022 14:15



Tgt Ion:180 Resp: 38529

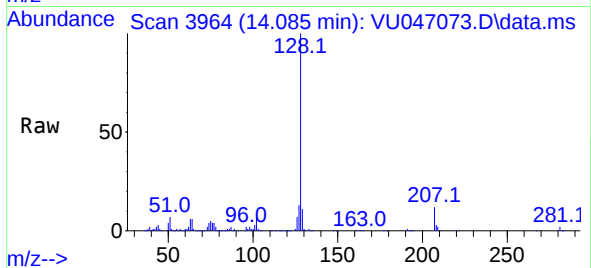
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	114.8
145	31.1	25.2	37.8



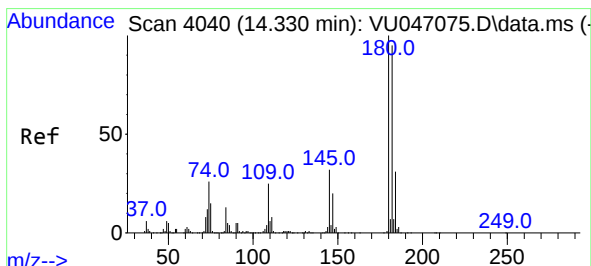
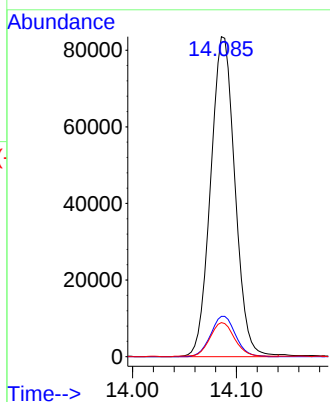
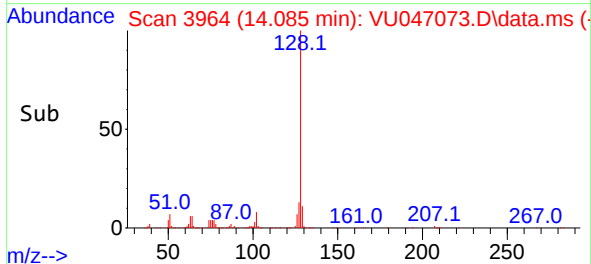


#71
Naphthalene
Concen: 7.07 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15

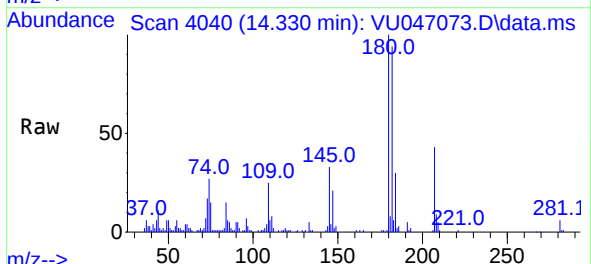
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 135436
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 6.62 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047073.D
Acq: 10 Feb 2022 14:15



Tgt Ion:180 Resp: 38880
Ion Ratio Lower Upper
180 100
182 93.4 76.6 115.0
145 31.2 27.4 41.2

