

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049847.D
 Acq On : 22 Jul 2022 13:25
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV043

Quant Time: Jul 23 00:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100306	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	99140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38298	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.912	69	33481	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.562	65	16318	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.639	46	155861	53.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.680%
24) Chloroform-d	5.063	84	92523	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.703	65	52440	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.726	84	167561	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.690	67	58625	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	148186	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.179	79	21640	5.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.636	63	90661	53.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	49703	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	54544	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49208	4.647	ug/L	97
3) Chloromethane	1.520	50	65506	5.028	ug/L	95
5) Vinyl chloride	1.601	62	53575	4.918	ug/L	99
6) Bromomethane	1.855	94	31089	5.277	ug/L	99
8) Chloroethane	1.932	64	31097	4.954	ug/L	99
9) Trichlorofluoromethane	2.134	101	63172	4.717	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	30866	4.712	ug/L	98
12) 1,1-Dichloroethene	2.575	96	32665	4.928	ug/L	99
13) Acetone	2.649	43	99056	56.363	ug/L	98
14) Carbon disulfide	2.790	76	105191	5.130	ug/L	99
15) Methyl Acetate	2.957	43	23202	5.296	ug/L	97
16) Methylene chloride	3.041	84	61102	4.087	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	118156	5.503	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40032	5.225	ug/L	94
19) 1,1-Dichloroethane	3.871	63	88145	5.323	ug/L	98
21) 2-Butanone	4.716	43	166229	55.770	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	48370	5.451	ug/L	100
23) Bromochloromethane	4.977	128	22184	5.597	ug/L	90
25) Chloroform	5.089	83	92055	5.241	ug/L	99

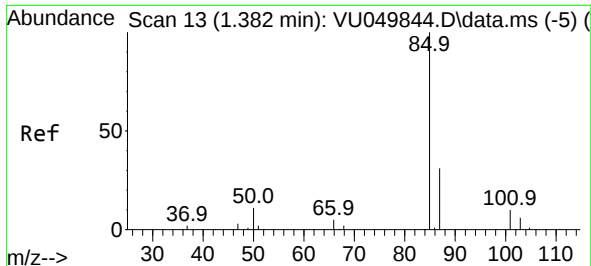
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
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Quant Time: Jul 23 00:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	64364	5.335	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	71130	5.111	ug/L	99
30) Cyclohexane	5.388	56	54505	4.836	ug/L	99
31) Carbon tetrachloride	5.523	117	56372	4.988	ug/L	100
33) Benzene	5.774	78	188068	5.228	ug/L	100
34) Trichloroethene	6.543	95	46096	5.285	ug/L	97
35) Methylcyclohexane	6.764	83	49706	4.620	ug/L	99
37) 1,2-Dichloropropane	6.790	63	54139	5.280	ug/L	99
38) Bromodichloromethane	7.105	83	66099	5.160	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	71650	5.303	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	392881	54.936	ug/L	100
42) Toluene	7.970	91	192685	5.355	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	62763	5.381	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	37660	5.147	ug/L	98
47) Tetrachloroethene	8.552	164	31487	5.244	ug/L	98
48) 2-Hexanone	8.687	43	298612	55.944	ug/L	97
49) Dibromochloromethane	8.809	129	43718	5.345	ug/L	98
50) 1,2-Dibromoethane	8.925	107	34574	5.320	ug/L #	94
51) Chlorobenzene	9.446	112	121544	5.321	ug/L	99
52) Ethylbenzene	9.571	91	198647	5.370	ug/L	99
53) m,p-Xylene	9.694	106	73901	5.430	ug/L	100
54) o-Xylene	10.102	106	74260	5.522	ug/L	96
55) Styrene	10.115	104	127878	5.614	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	50505	5.343	ug/L	96
59) Bromoform	10.292	173	23893	5.392	ug/L	98
60) Isopropylbenzene	10.484	105	185944	5.521	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	36370	5.362	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	157113	5.520	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	156769	5.675	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	91565	5.498	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	90721	5.506	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87322	5.308	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	8393	5.531	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	67660	5.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	58964	5.712	ug/L	99
71) Naphthalene	14.086	128	123060	6.115	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	58046	5.850	ug/L	96

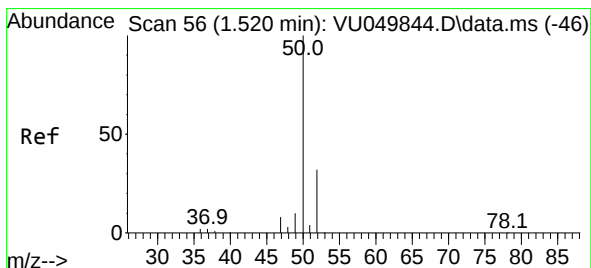
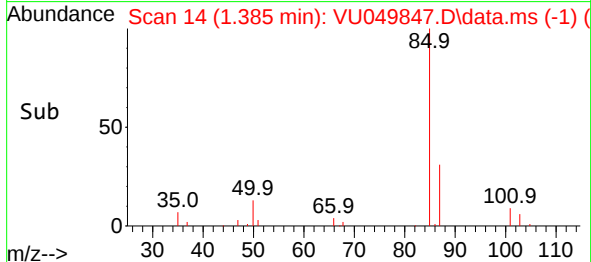
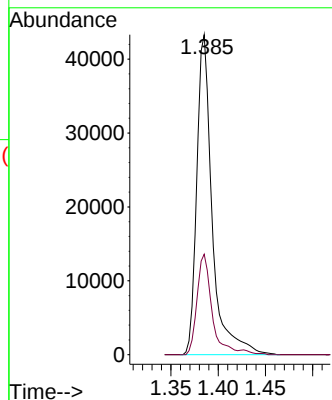
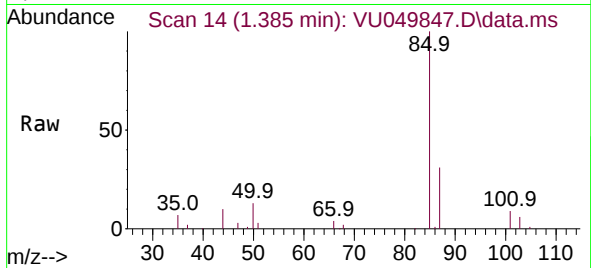
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#2
Dichlorodifluoromethane
Concen: 4.647 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

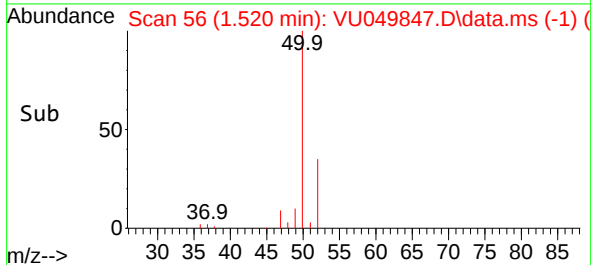
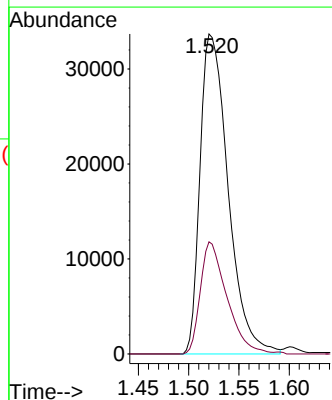
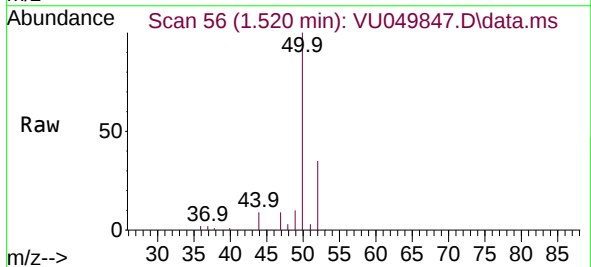
Instrument :
MSVOA_U
ClientSampleId :
VICV043

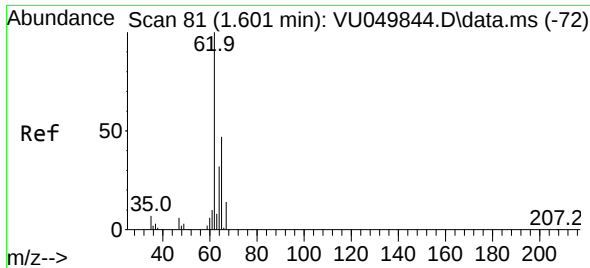
Tgt Ion: 85 Resp: 49208
Ion Ratio Lower Upper
85 100
87 30.0 25.4 38.2



#3
Chloromethane
Concen: 5.028 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 50 Resp: 65506
Ion Ratio Lower Upper
50 100
52 35.1 22.5 41.7

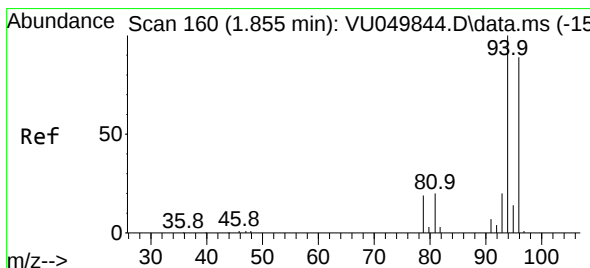
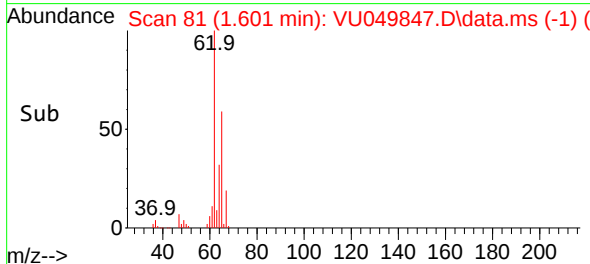
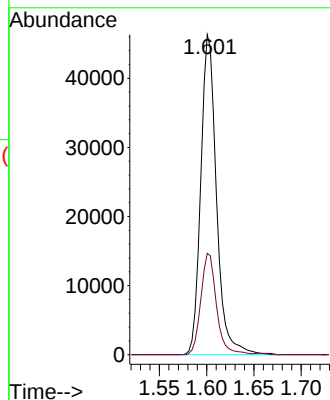
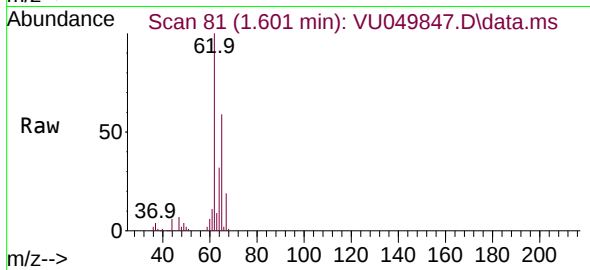




#5
 Vinyl chloride
 Concen: 4.918 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049847.D
 Acq: 22 Jul 2022 13:25

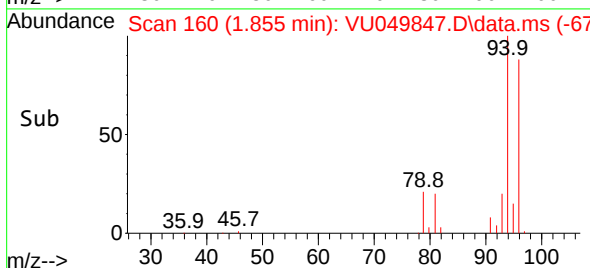
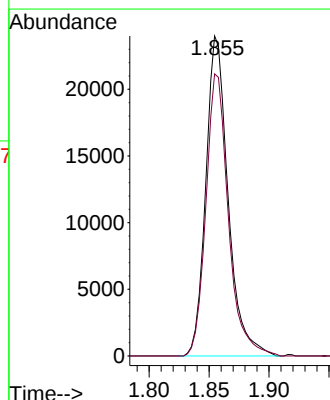
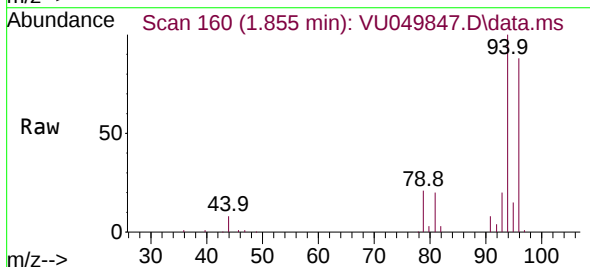
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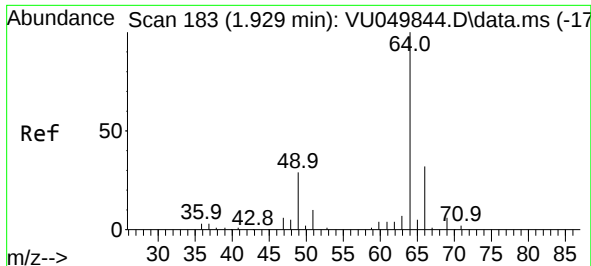
Tgt Ion: 62 Resp: 53575
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3



#6
 Bromomethane
 Concen: 5.277 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU049847.D
 Acq: 22 Jul 2022 13:25

Tgt Ion: 94 Resp: 31089
 Ion Ratio Lower Upper
 94 100
 96 88.1 62.6 116.3

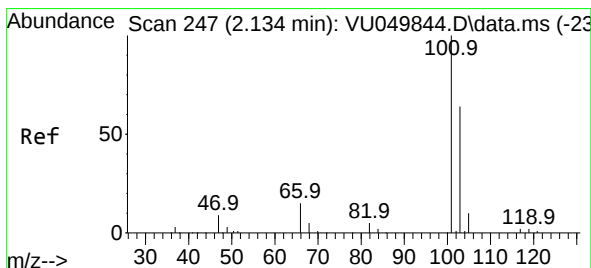
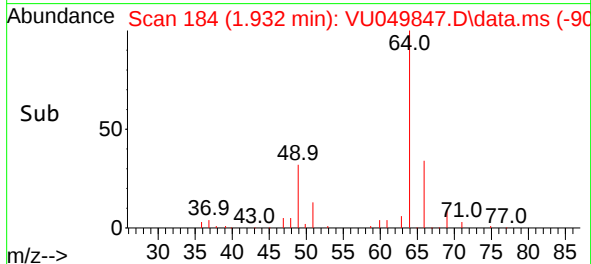
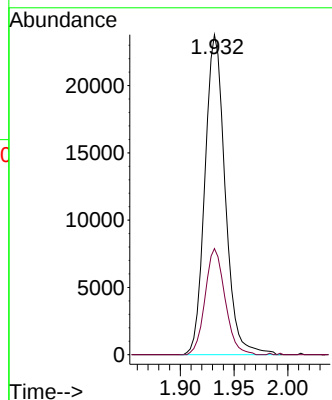
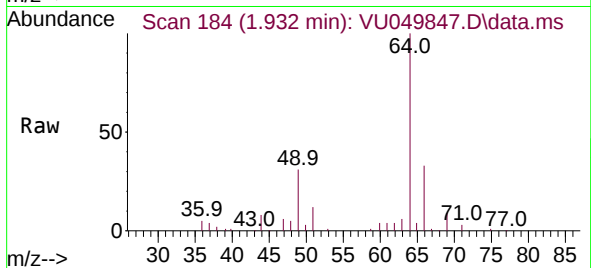




#8
Chloroethane
Concen: 4.954 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

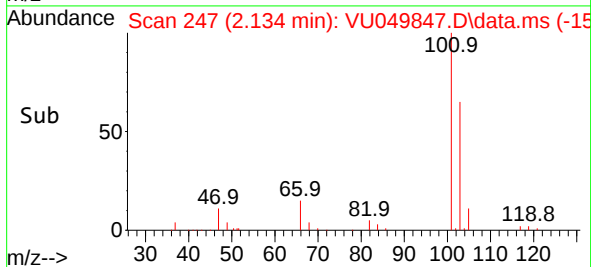
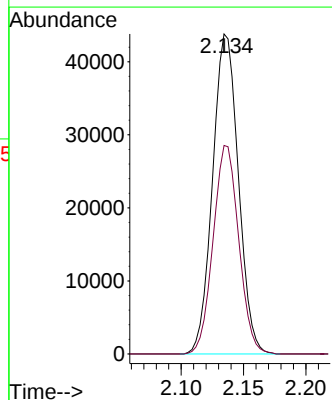
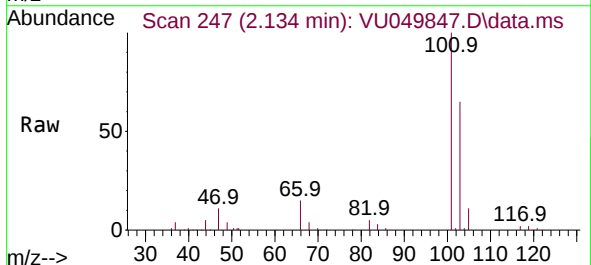
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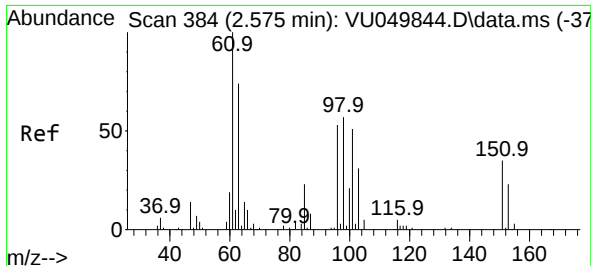
Tgt Ion: 64 Resp: 31097
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.717 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:101 Resp: 63172
Ion Ratio Lower Upper
101 100
103 64.7 50.8 76.2

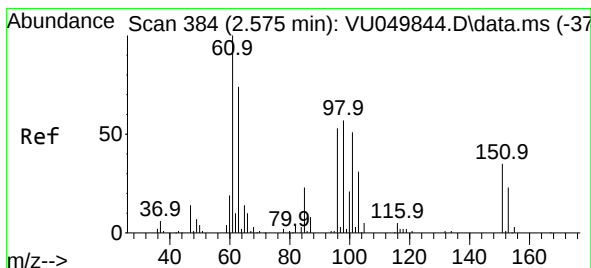
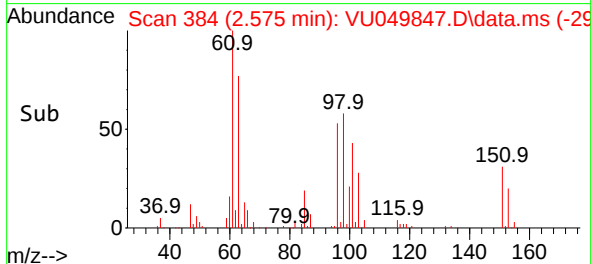
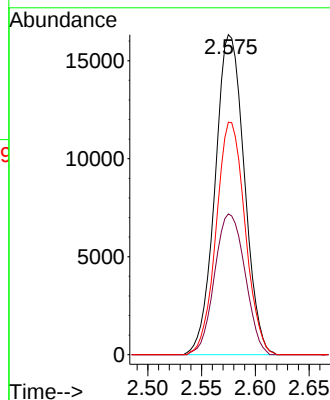
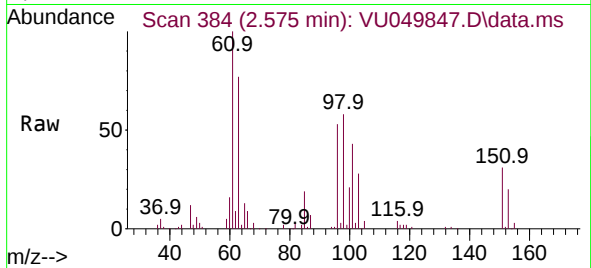




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.712 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

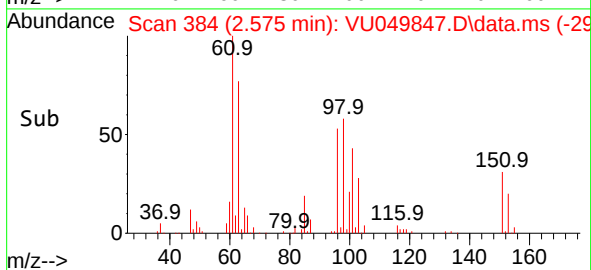
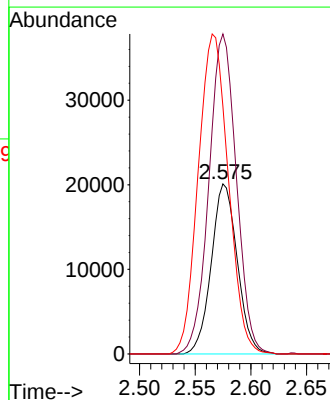
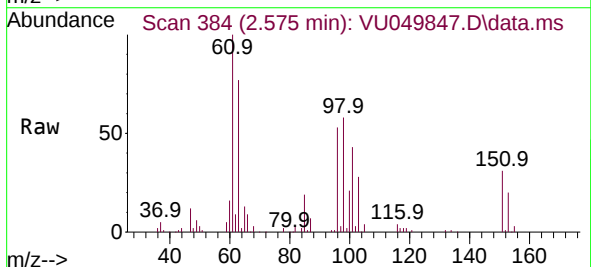
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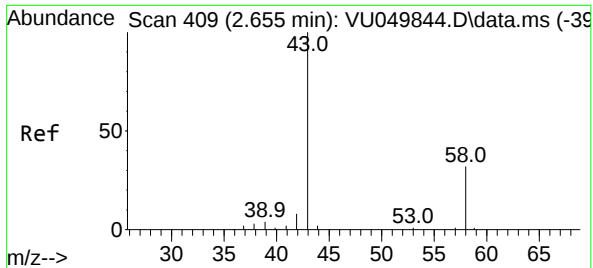
Tgt Ion:	101	Resp:	30866
Ion Ratio	Lower	Upper	
101	100		
85	45.9	37.2	55.8
151	71.9	56.0	84.0



#12
1,1-Dichloroethene
Concen: 4.928 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:	96	Resp:	32665
Ion Ratio	Lower	Upper	
96	100		
61	188.1	131.6	244.4
63	145.6	100.0	185.6





#13

Acetone

Concen: 56.363 ug/L

RT: 2.649 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

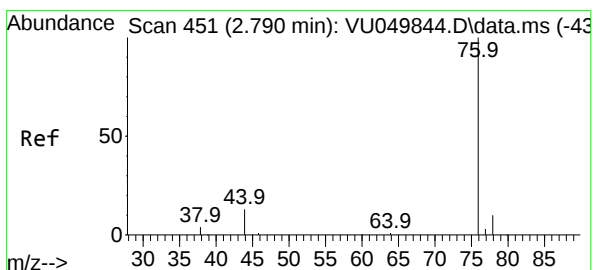
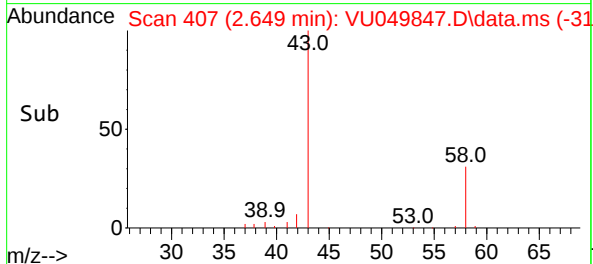
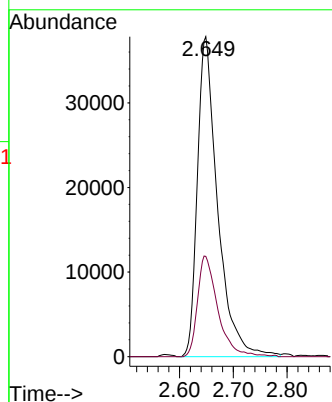
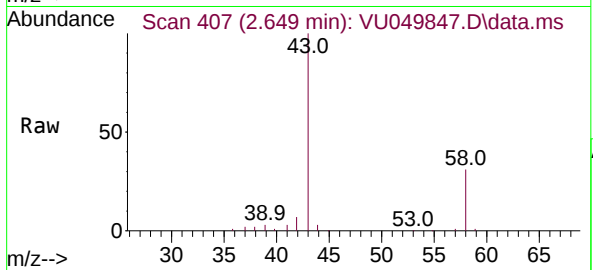
VICV043

Tgt Ion: 43 Resp: 99056

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.0



#14

Carbon disulfide

Concen: 5.130 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049847.D

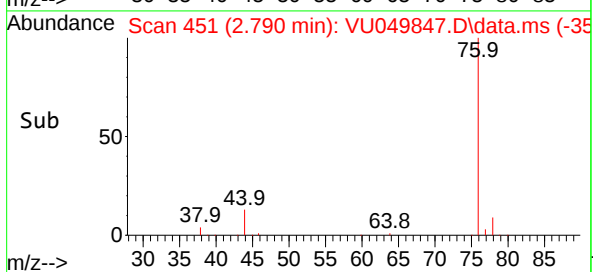
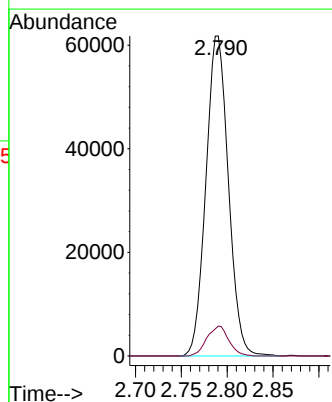
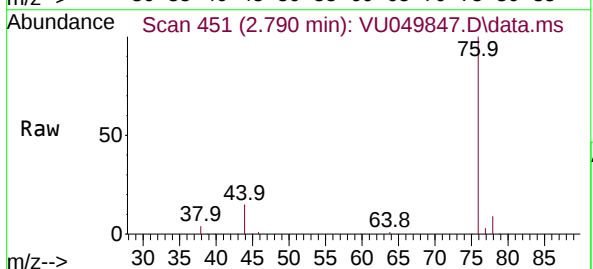
Acq: 22 Jul 2022 13:25

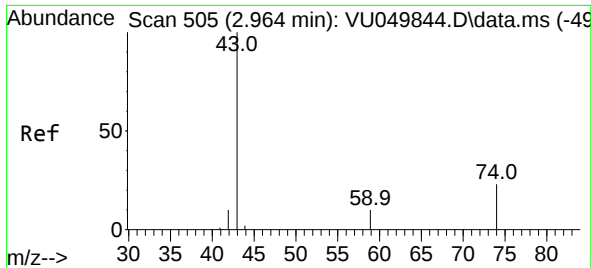
Tgt Ion: 76 Resp: 105191

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

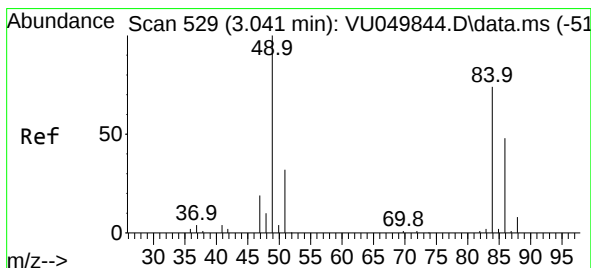
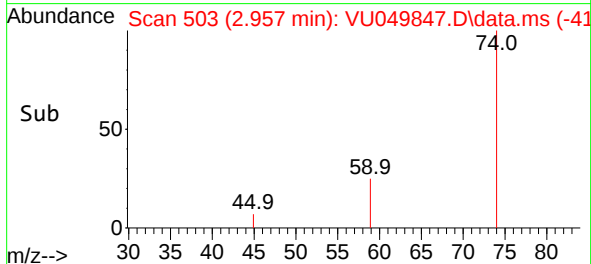
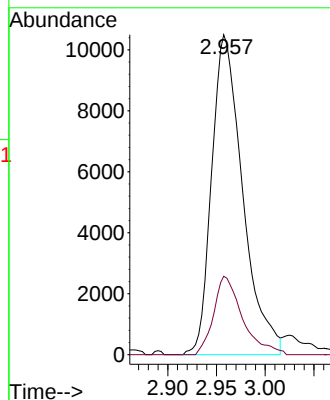
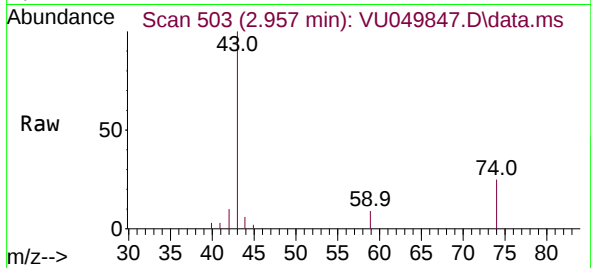




#15
Methyl Acetate
Concen: 5.296 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.006 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

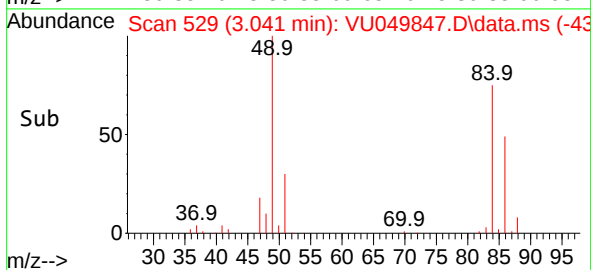
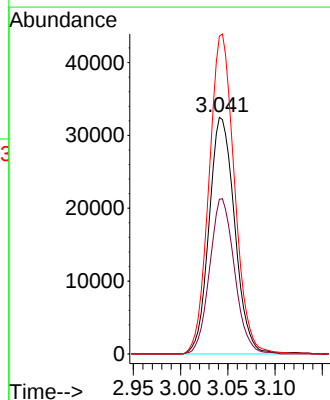
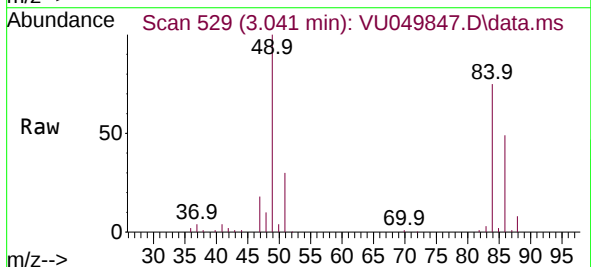
Instrument :
MSVOA_U
ClientSampleId :
VICV043

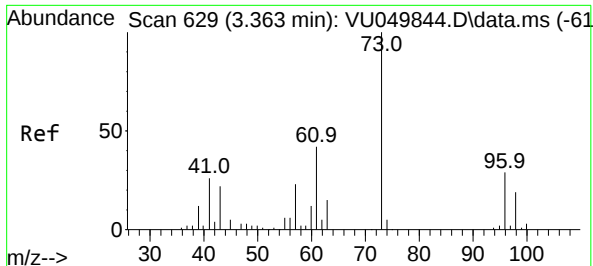
Tgt Ion: 43 Resp: 23202
Ion Ratio Lower Upper
43 100
74 22.8 17.1 25.7



#16
Methylene chloride
Concen: 4.087 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 84 Resp: 61102
Ion Ratio Lower Upper
84 100
86 65.4 45.5 84.5
49 134.2 94.1 174.8





#17

Methyl tert-butyl Ether

Concen: 5.503 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

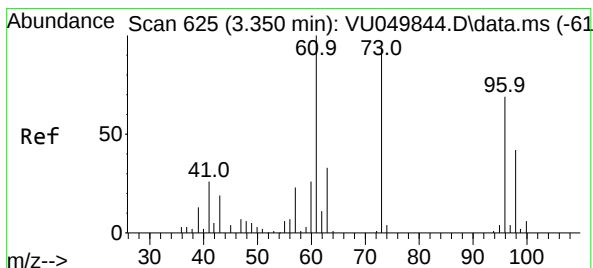
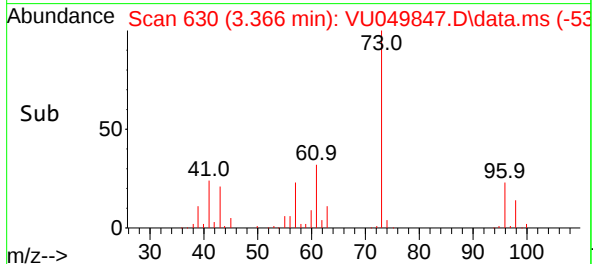
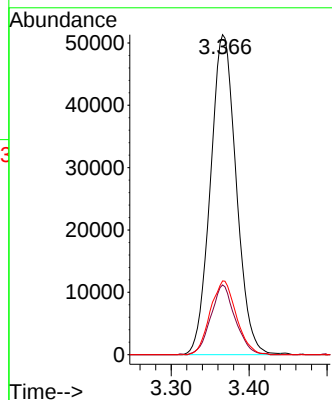
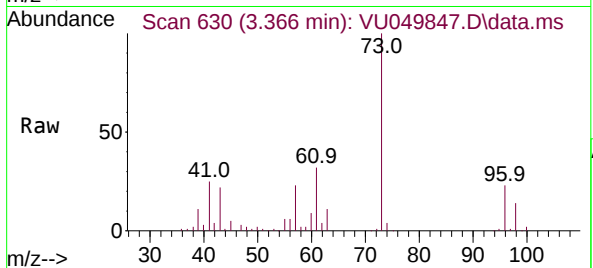
Tgt Ion: 73 Resp: 118156

Ion Ratio Lower Upper

73 100

43 20.6 17.4 26.2

57 23.3 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 5.225 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

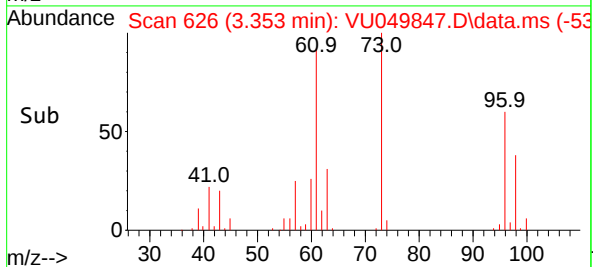
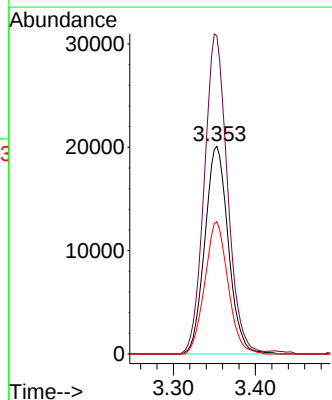
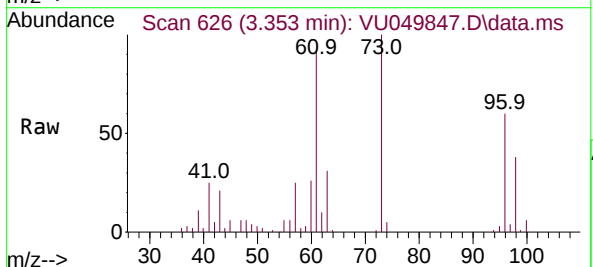
Tgt Ion: 96 Resp: 40032

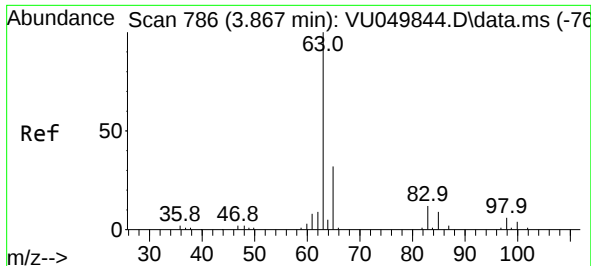
Ion Ratio Lower Upper

96 100

61 153.1 101.5 188.5

98 63.7 42.5 78.9

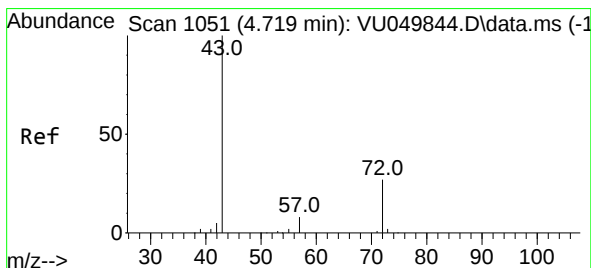
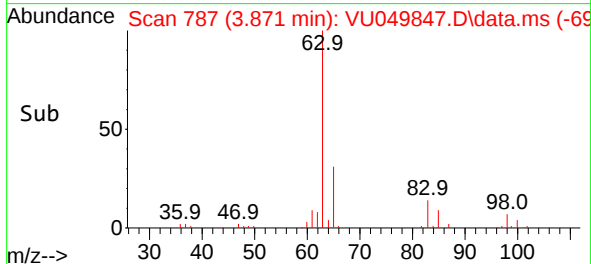
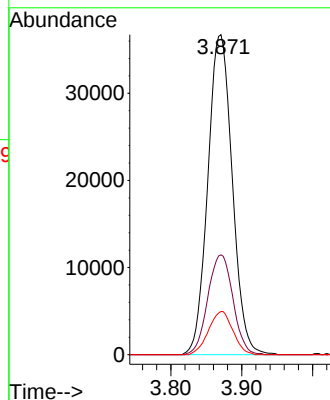
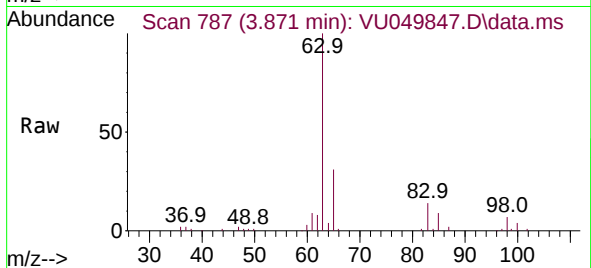




#19
1,1-Dichloroethane
Concen: 5.323 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

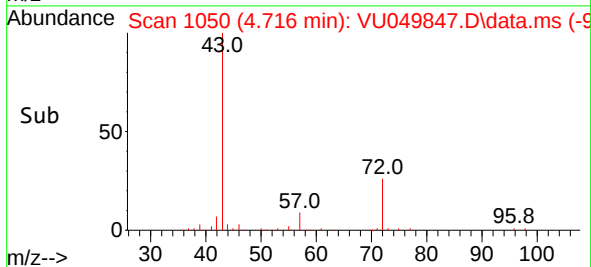
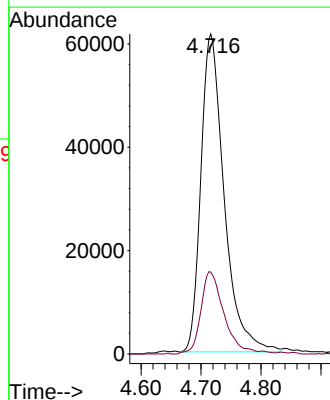
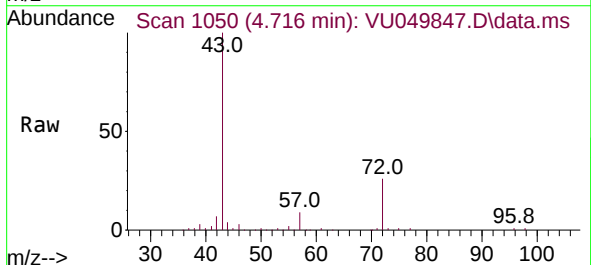
Instrument :
MSVOA_U
ClientSampleId :
VICV043

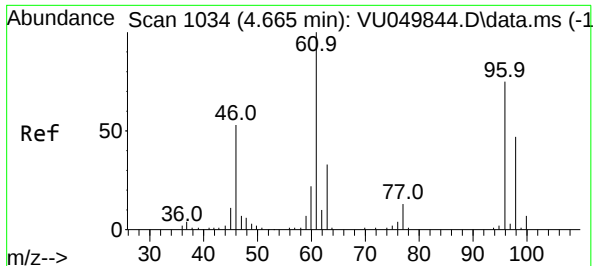
Tgt Ion: 63 Resp: 88145
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 13.5 8.3 15.5



#21
2-Butanone
Concen: 55.770 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 43 Resp: 166229
Ion Ratio Lower Upper
43 100
72 25.4 11.9 35.5

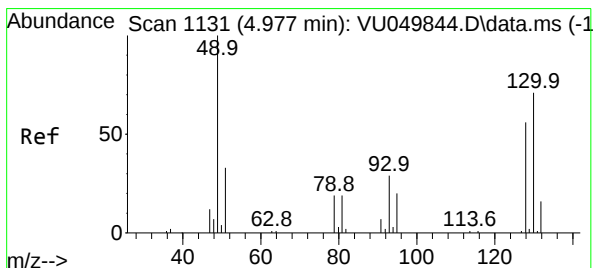
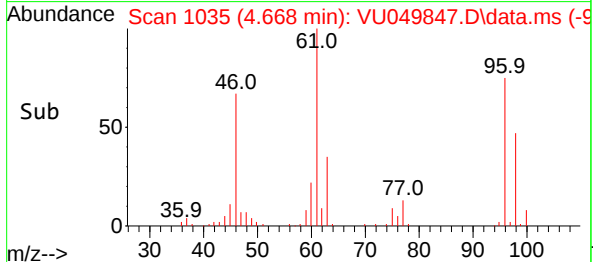
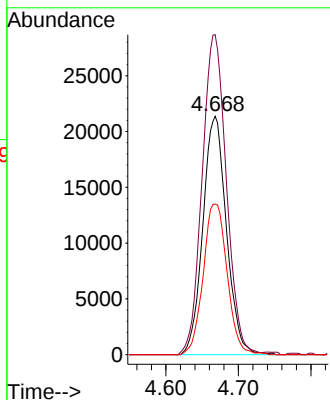
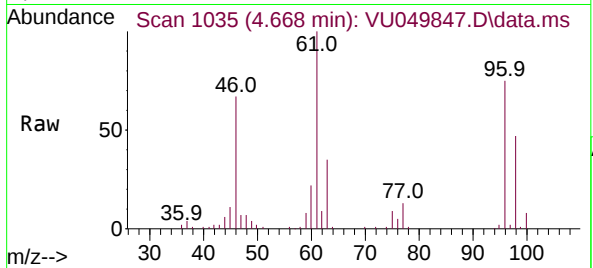




#22
cis-1,2-Dichloroethene
Concen: 5.451 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

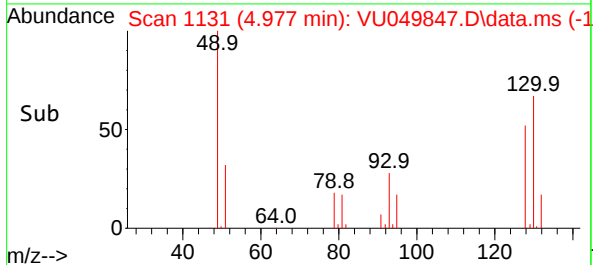
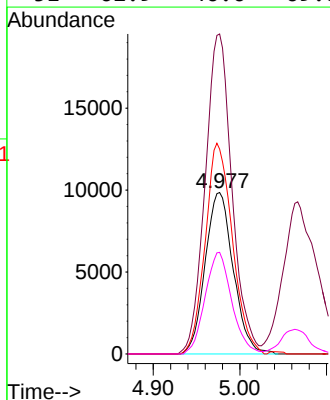
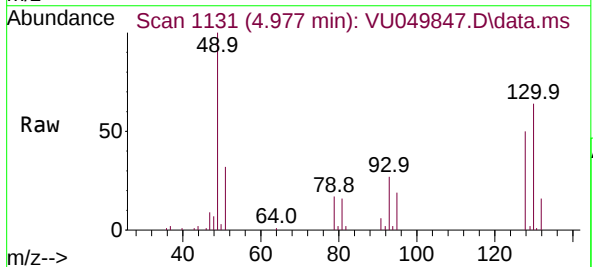
Instrument :
MSVOA_U
ClientSampleId :
VICV043

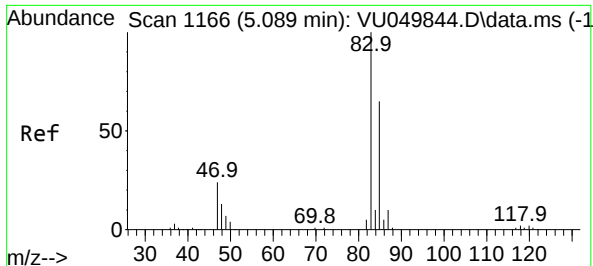
Tgt Ion: 96 Resp: 48370
Ion Ratio Lower Upper
96 100
61 134.2 93.9 174.3
98 63.2 43.9 81.5



#23
Bromochloromethane
Concen: 5.597 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 128 Resp: 22184
Ion Ratio Lower Upper
128 100
49 204.5 124.9 232.1
130 126.9 88.5 164.3
51 62.9 46.6 69.8





#25

Chloroform

Concen: 5.241 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

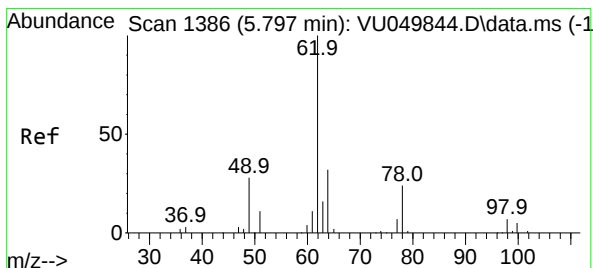
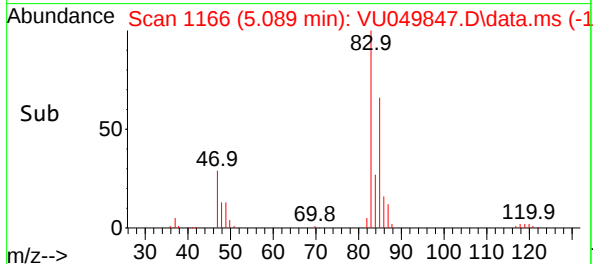
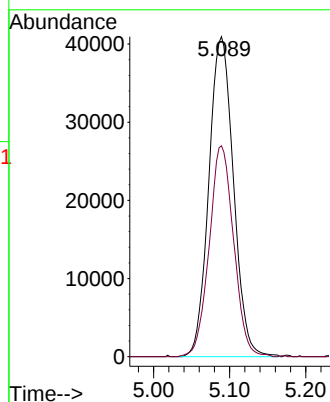
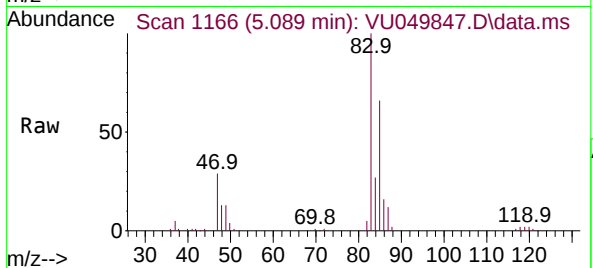
VICV043

Tgt Ion: 83 Resp: 92055

Ion Ratio Lower Upper

83 100

85 65.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.335 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049847.D

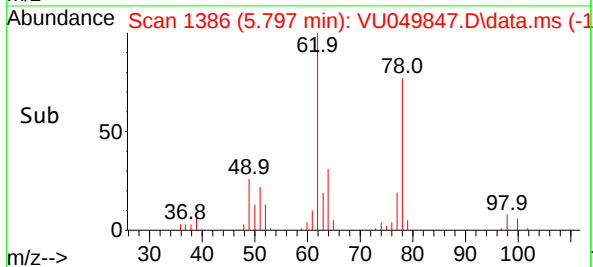
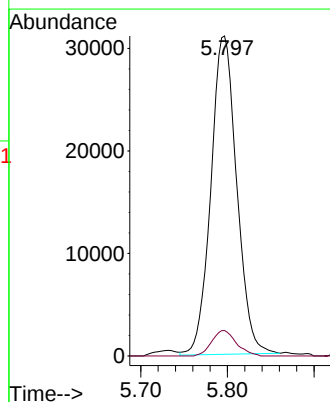
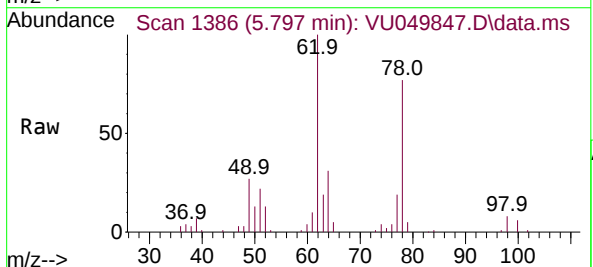
Acq: 22 Jul 2022 13:25

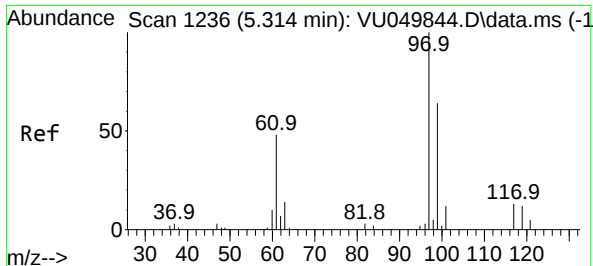
Tgt Ion: 62 Resp: 64364

Ion Ratio Lower Upper

62 100

98 7.9 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.111 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

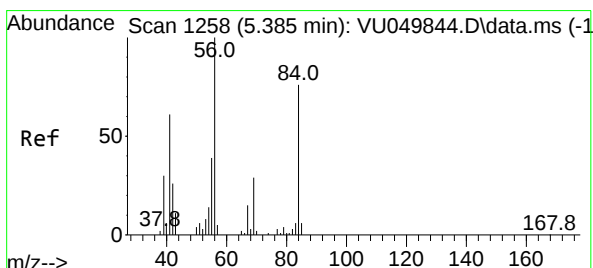
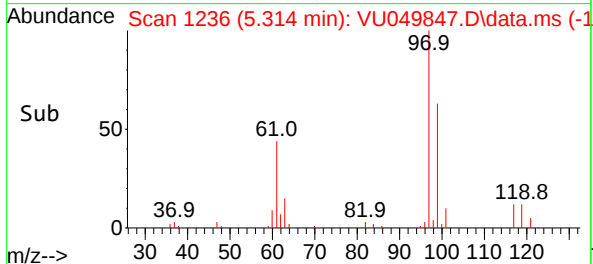
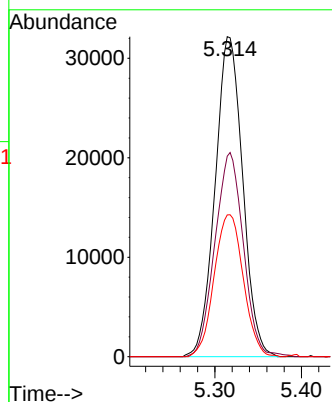
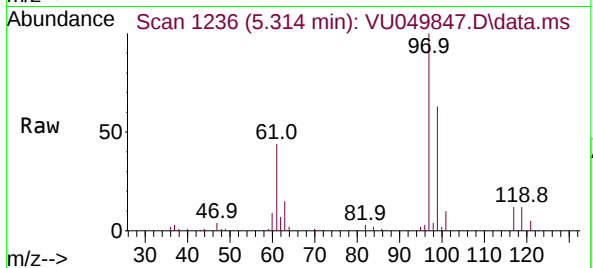
Tgt Ion: 97 Resp: 71130

Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.8

61 46.9 38.3 57.5



#30

Cyclohexane

Concen: 4.836 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

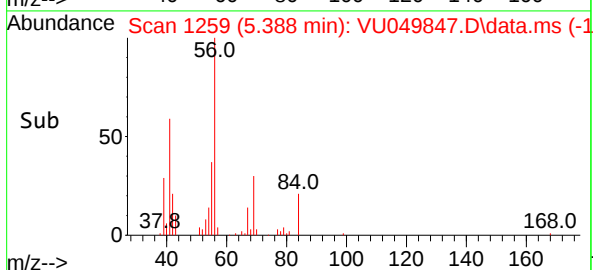
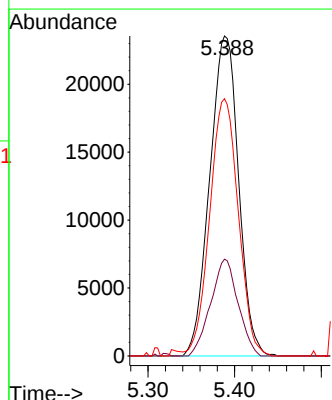
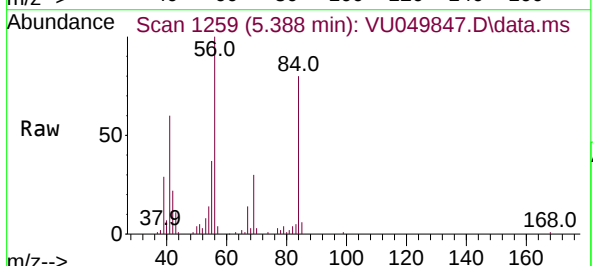
Tgt Ion: 56 Resp: 54505

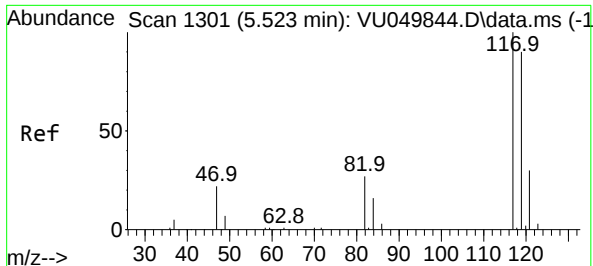
Ion Ratio Lower Upper

56 100

69 28.7 22.8 34.2

84 79.6 63.0 94.6

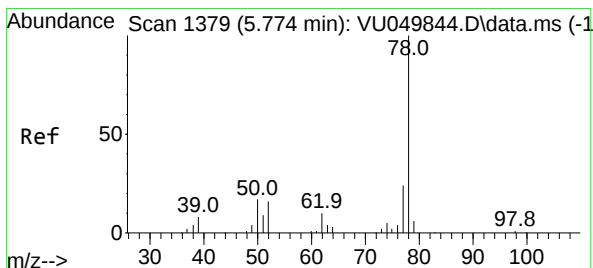
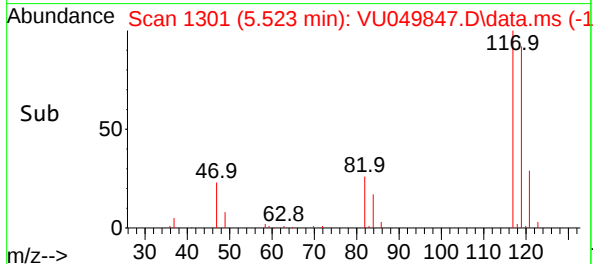
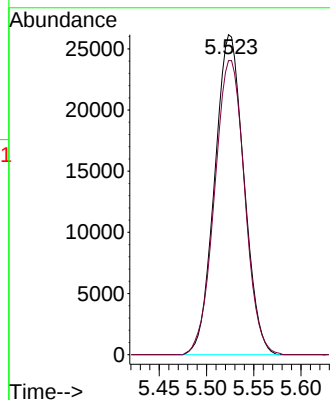
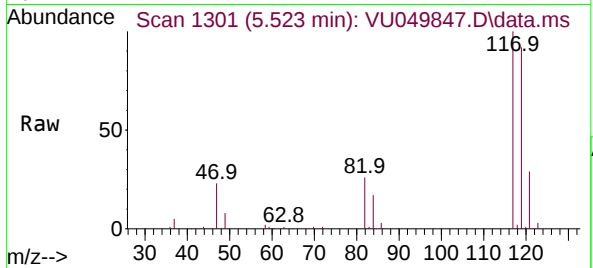




#31
Carbon tetrachloride
Concen: 4.988 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

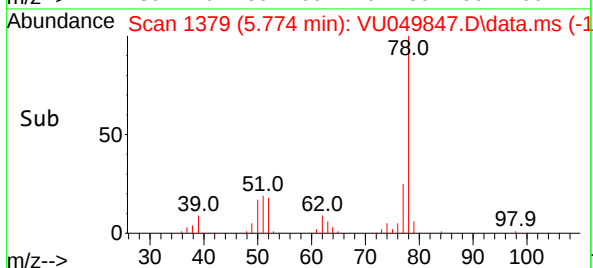
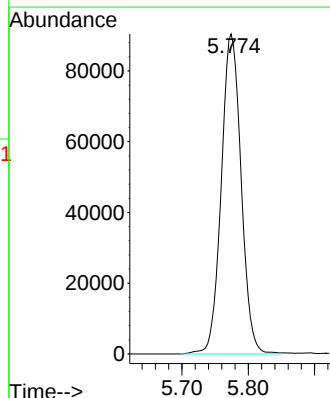
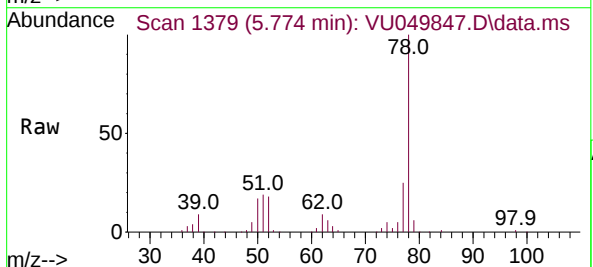
Instrument :
MSVOA_U
ClientSampleId :
VICV043

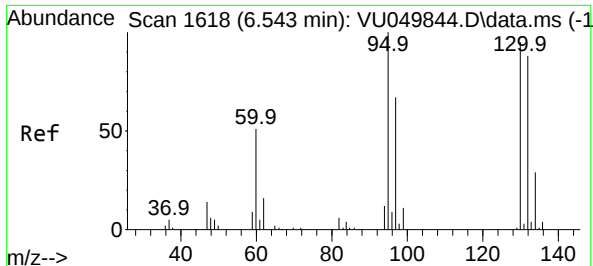
Tgt Ion:117 Resp: 56372
Ion Ratio Lower Upper
117 100
119 94.4 75.2 112.8



#33
Benzene
Concen: 5.228 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 78 Resp: 188068



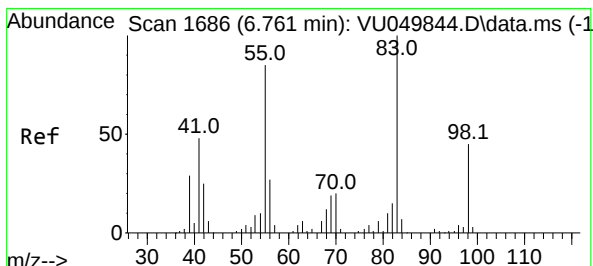
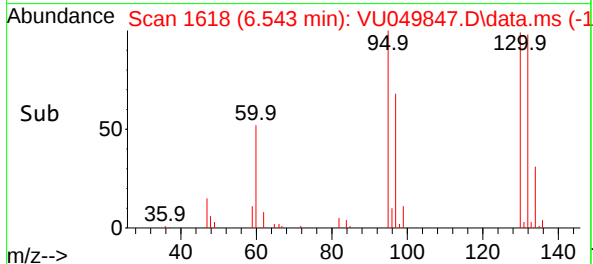
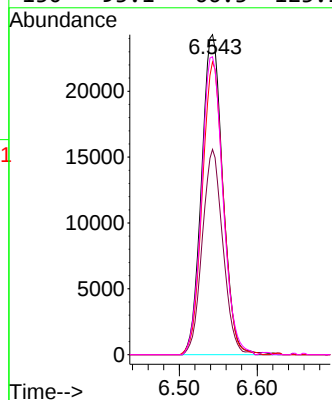
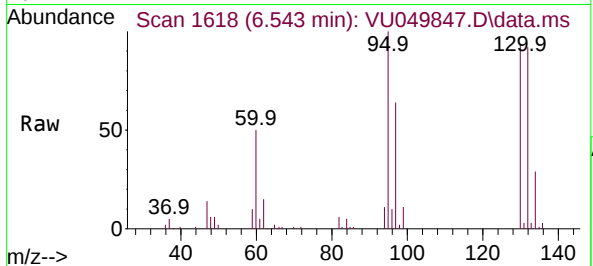


#34
Trichloroethene
Concen: 5.285 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VICV043

Tgt Ion: 95 Resp: 46096

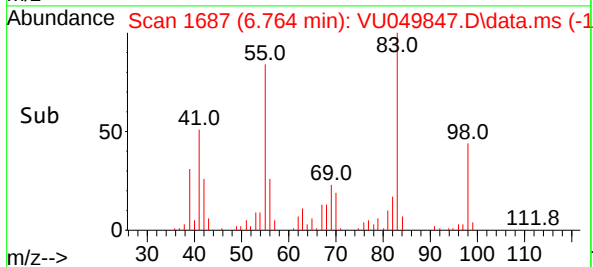
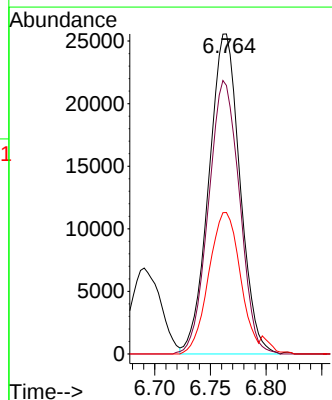
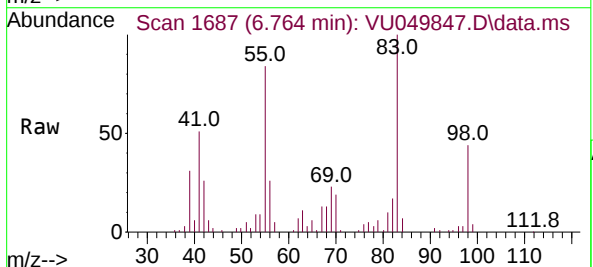
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	86.8
132	91.5	61.8	114.8
130	93.1	66.3	123.1

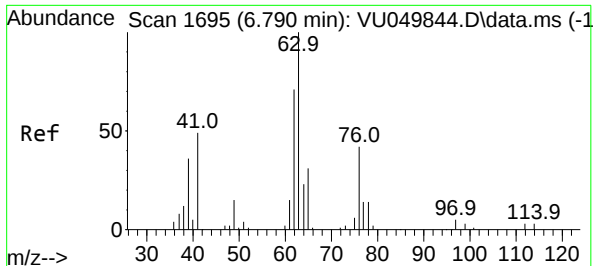


#35
Methylcyclohexane
Concen: 4.620 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 83 Resp: 49706

Ion	Ratio	Lower	Upper
83	100		
55	85.0	69.0	103.4
98	44.6	36.4	54.6

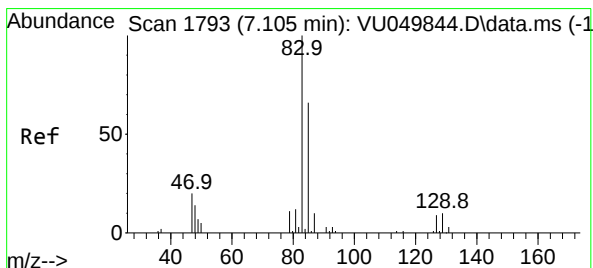
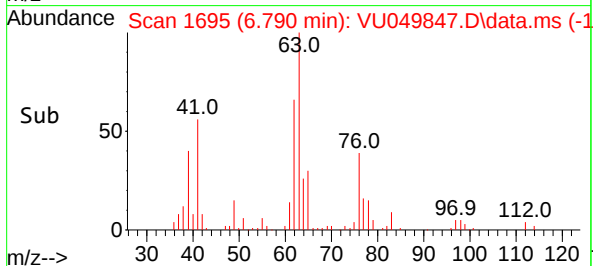
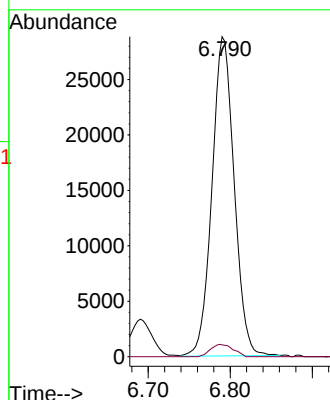
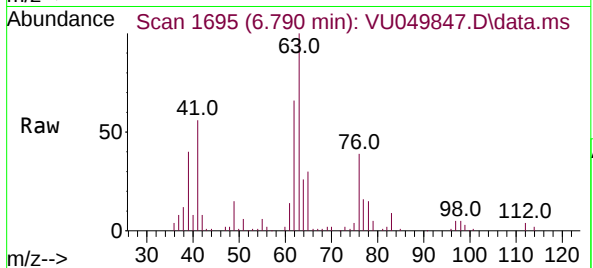




#37
1,2-Dichloropropane
Concen: 5.280 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

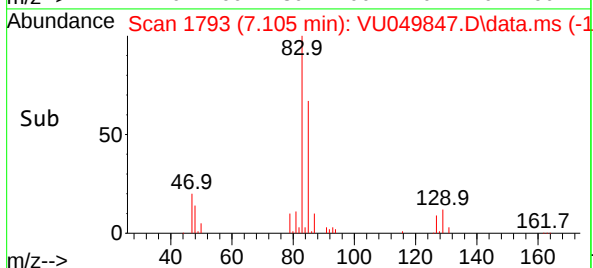
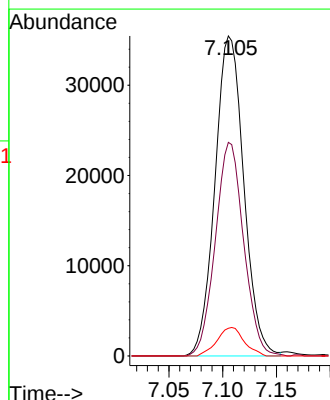
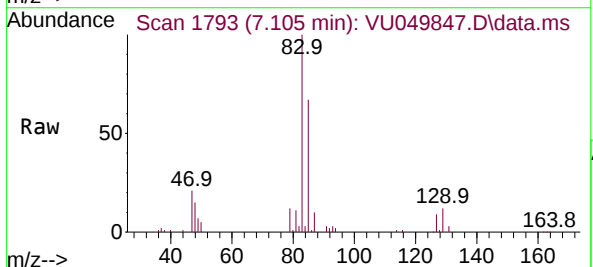
Instrument :
MSVOA_U
ClientSampleId :
VICV043

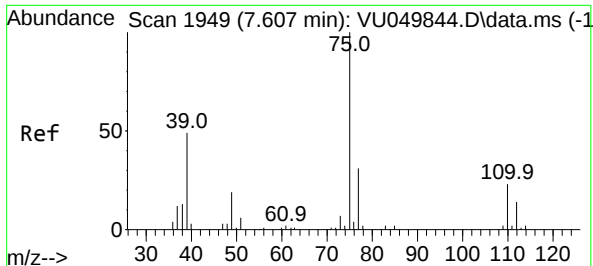
Tgt Ion: 63 Resp: 54139
Ion Ratio Lower Upper
63 100
112 3.9 2.8 4.2



#38
Bromodichloromethane
Concen: 5.160 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 83 Resp: 66099
Ion Ratio Lower Upper
83 100
85 66.8 45.9 85.3
127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.303 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

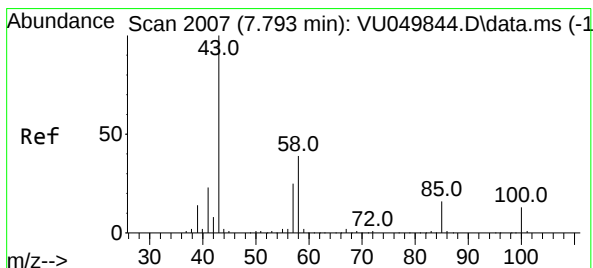
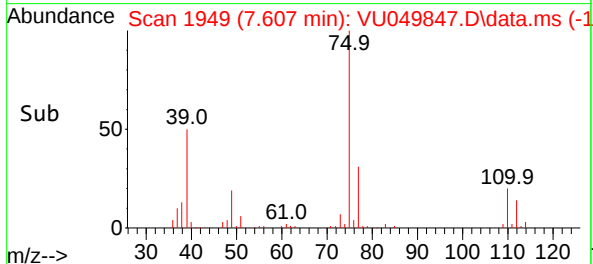
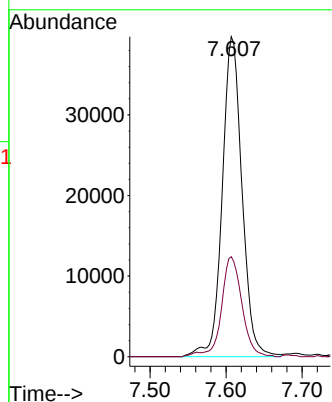
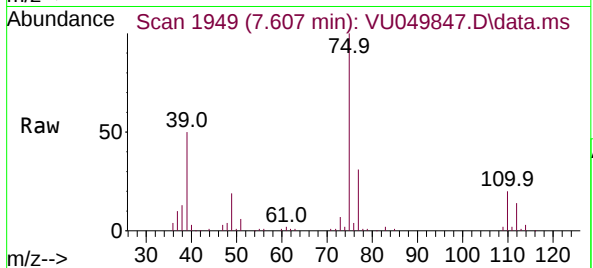
VICV043

Tgt Ion: 75 Resp: 71650

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 54.936 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

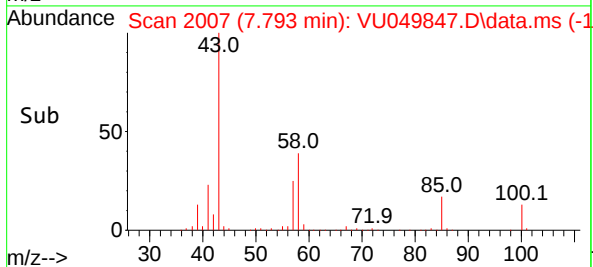
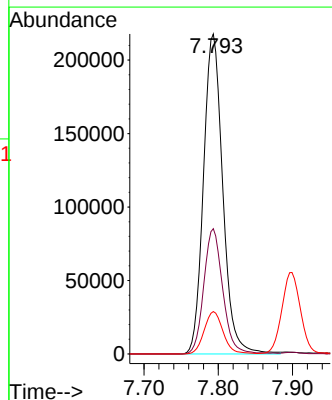
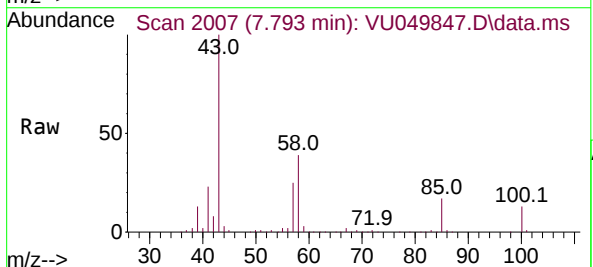
Tgt Ion: 43 Resp: 392881

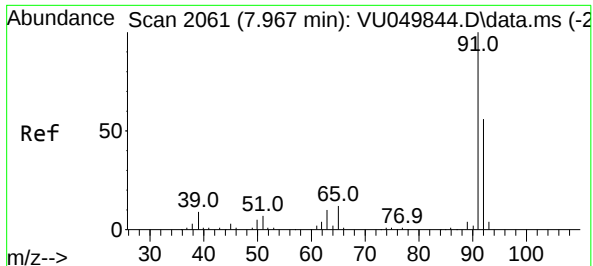
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

100 13.0 10.4 15.6





#42

Toluene

Concen: 5.355 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

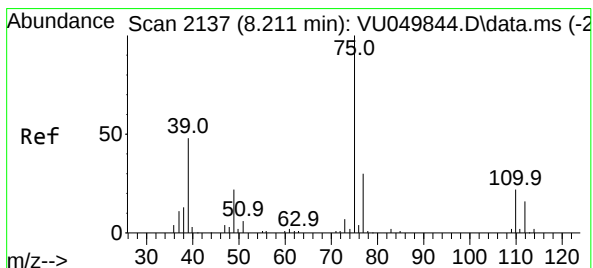
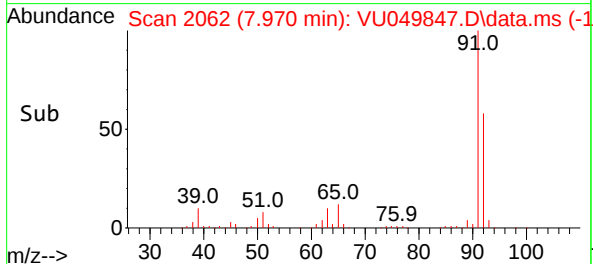
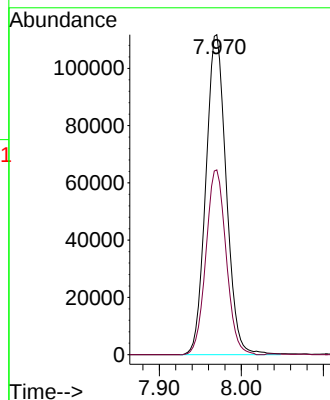
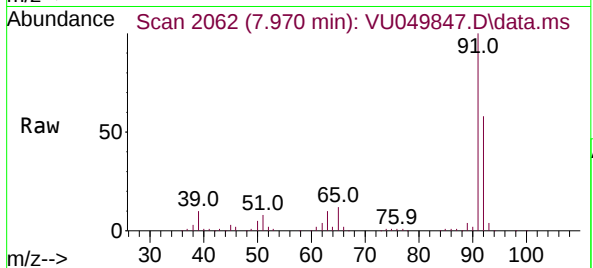
VICV043

Tgt Ion: 91 Resp: 192685

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.381 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049847.D

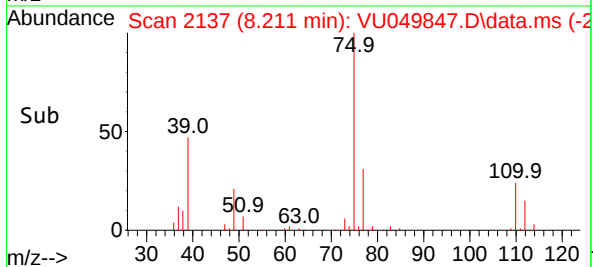
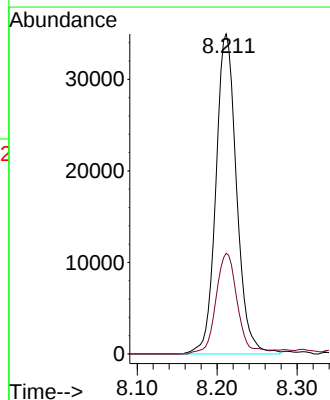
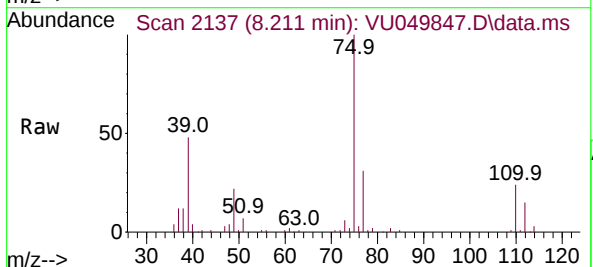
Acq: 22 Jul 2022 13:25

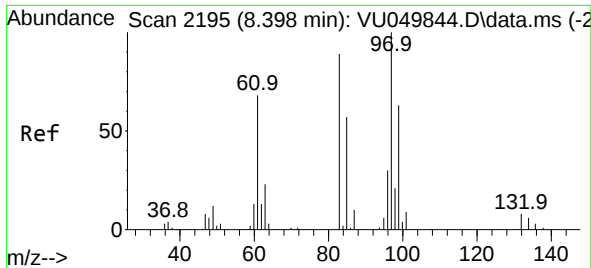
Tgt Ion: 75 Resp: 62763

Ion Ratio Lower Upper

75 100

77 31.5 21.2 39.4

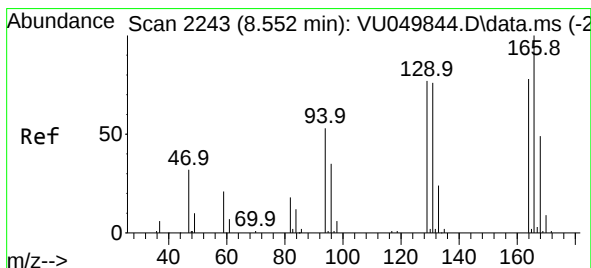
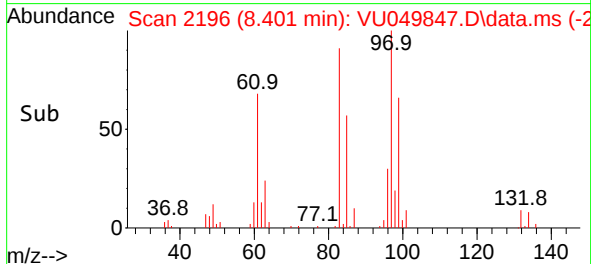
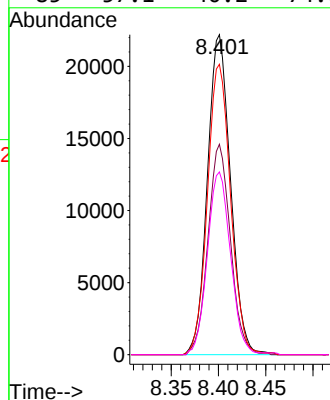
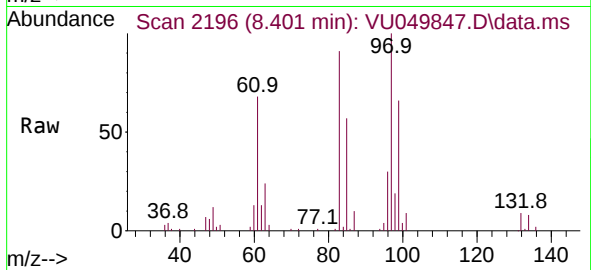




#45
1,1,2-Trichloroethane
Concen: 5.147 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

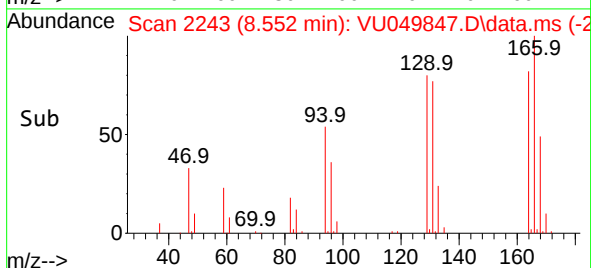
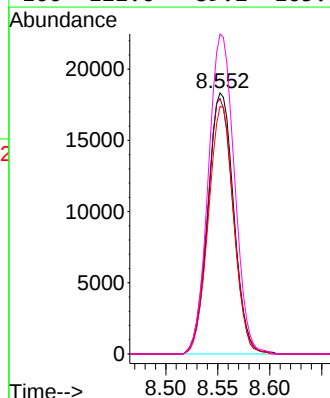
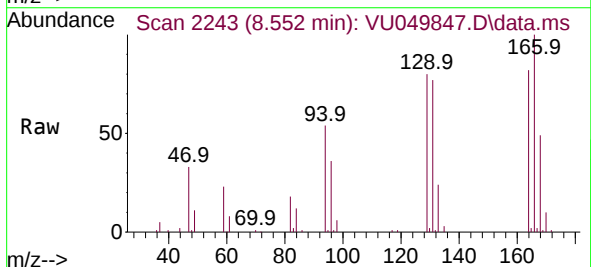
Instrument :
MSVOA_U
ClientSampleId :
VICV043

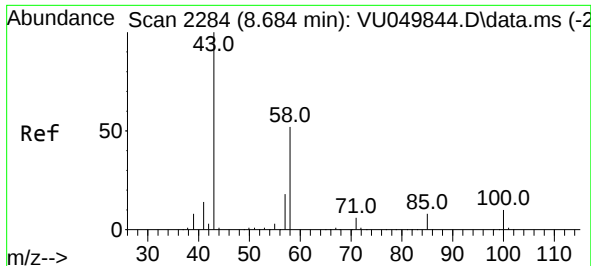
Tgt Ion:	97	Resp:	37660
Ion	Ratio	Lower	Upper
97	100		
99	65.8	43.8	81.3
83	90.7	62.4	115.8
85	57.1	40.2	74.6



#47
Tetrachloroethene
Concen: 5.244 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:	164	Resp:	31487
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.9	127.9
131	94.8	67.5	125.4
166	122.6	89.2	165.8

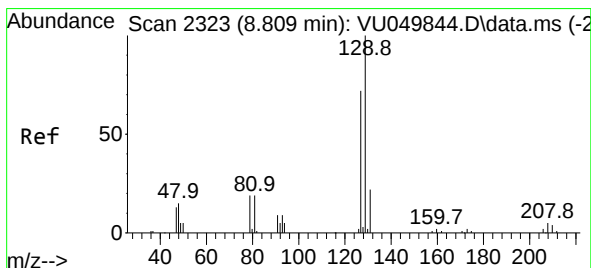
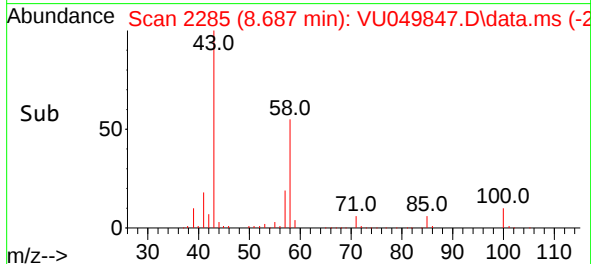
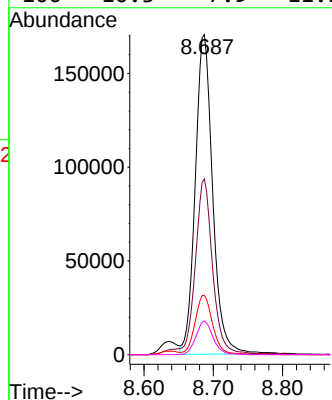
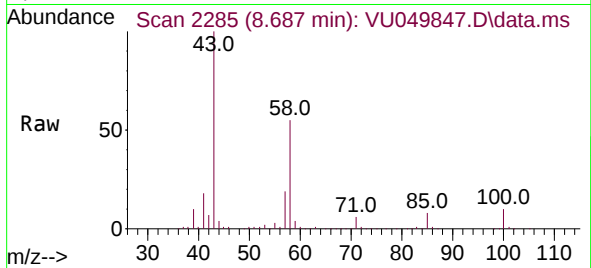




#48
2-Hexanone
Concen: 55.944 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

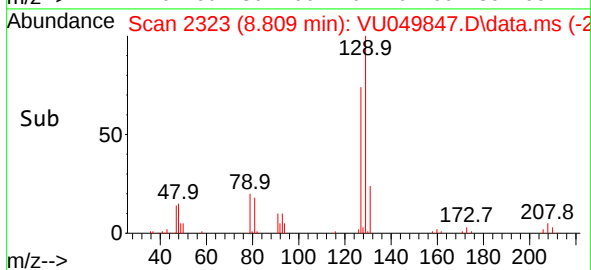
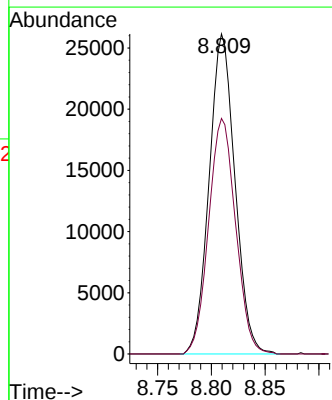
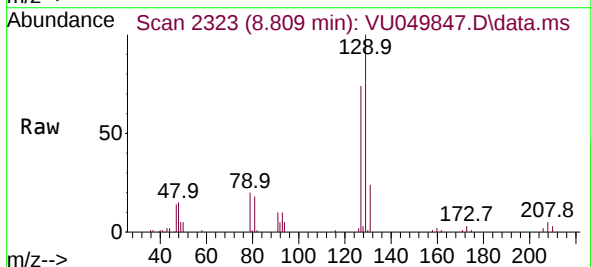
Instrument :
MSVOA_U
ClientSampleId :
VICV043

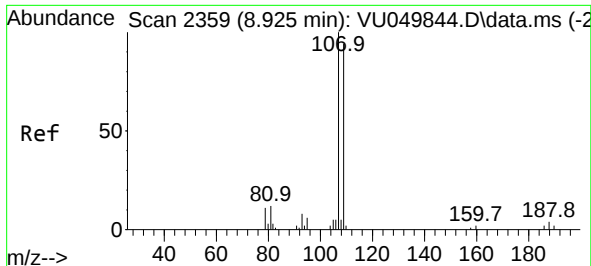
Tgt Ion: 43 Resp: 298612
Ion Ratio Lower Upper
43 100
58 55.7 42.1 63.1
57 18.6 14.3 21.5
100 10.3 7.9 11.9



#49
Dibromochloromethane
Concen: 5.345 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 129 Resp: 43718
Ion Ratio Lower Upper
129 100
127 73.6 50.5 93.7





#50

1,2-Dibromoethane

Concen: 5.320 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

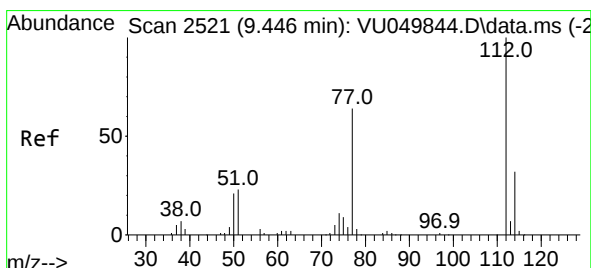
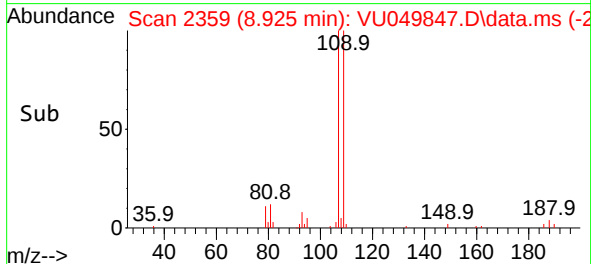
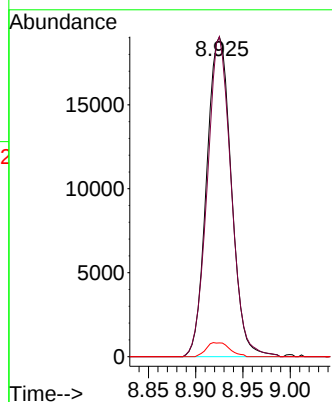
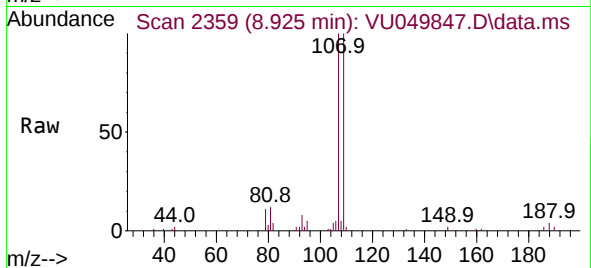
Tgt Ion:107 Resp: 34574

Ion Ratio Lower Upper

107 100

109 100.0 65.6 121.8

188 4.3 2.8 4.2#



#51

Chlorobenzene

Concen: 5.321 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

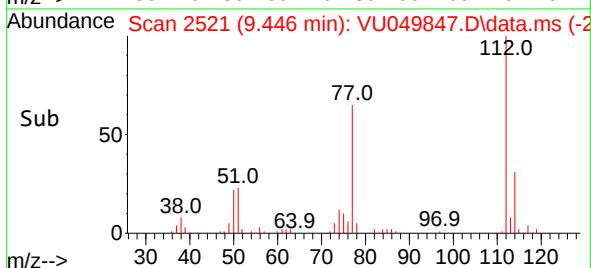
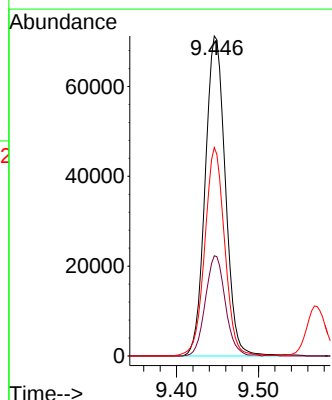
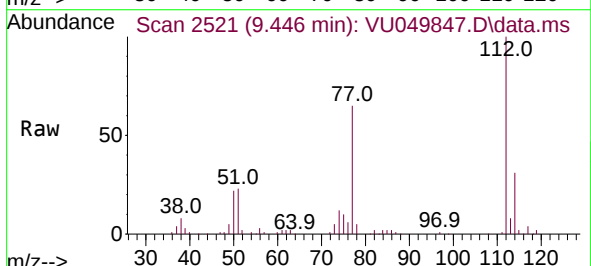
Tgt Ion:112 Resp: 121544

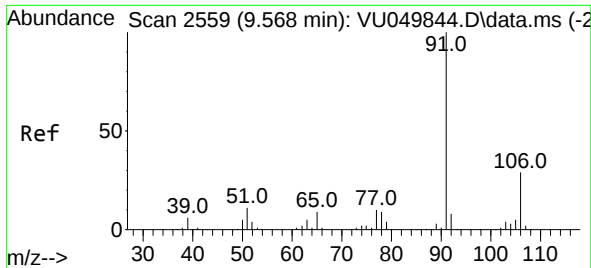
Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 65.2 51.2 76.8

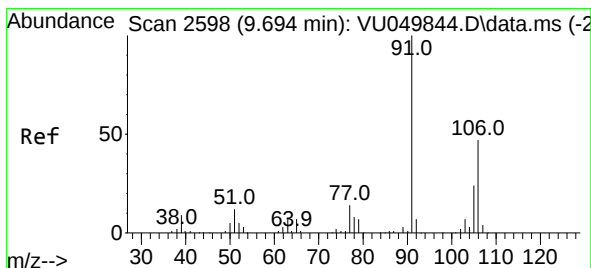
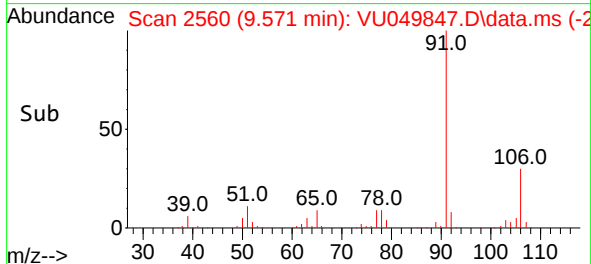
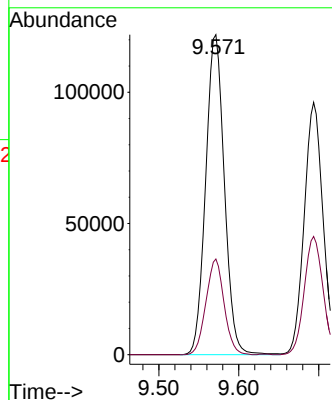
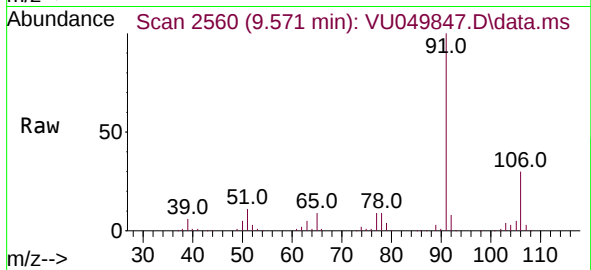




#52
Ethylbenzene
Concen: 5.370 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

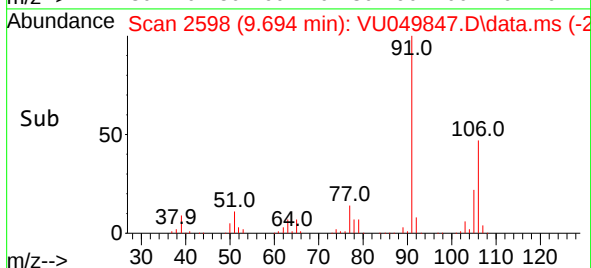
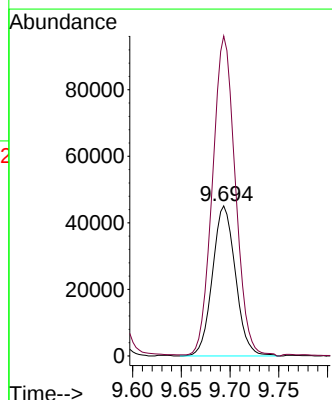
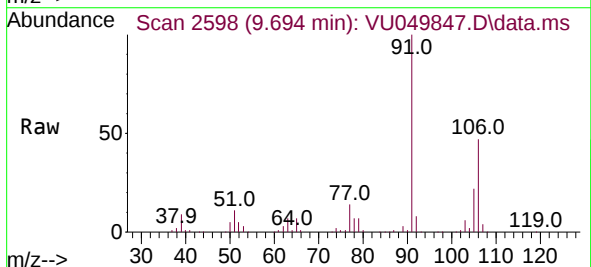
Instrument :
MSVOA_U
ClientSampleId :
VICV043

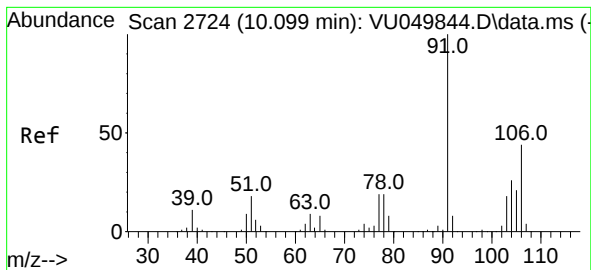
Tgt Ion: 91 Resp: 198647
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 5.430 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion: 106 Resp: 73901
Ion Ratio Lower Upper
106 100
91 213.2 149.7 277.9





#54

o-Xylene

Concen: 5.522 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

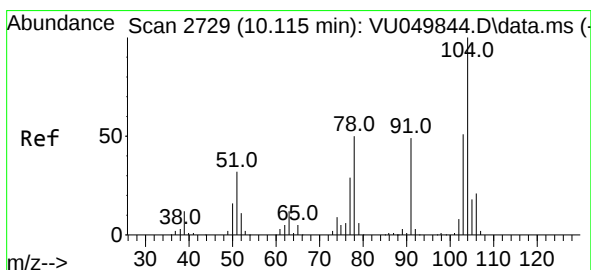
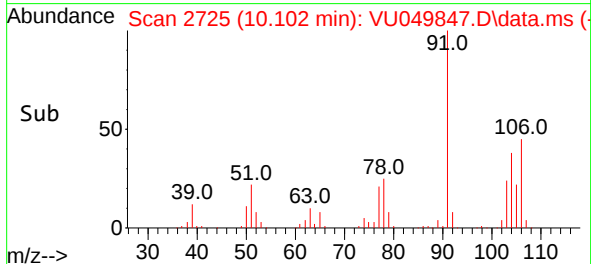
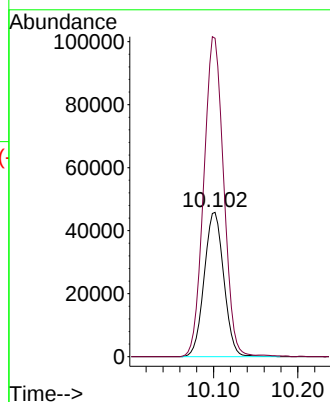
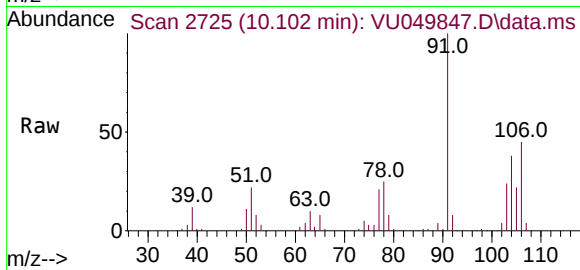
VICV043

Tgt Ion:106 Resp: 74260

Ion Ratio Lower Upper

106 100

91 220.5 159.4 296.0



#55

Styrene

Concen: 5.614 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049847.D

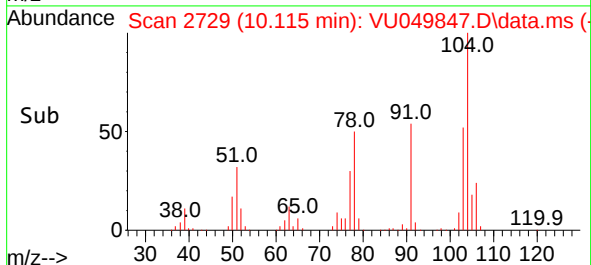
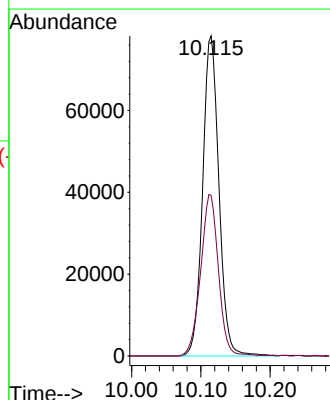
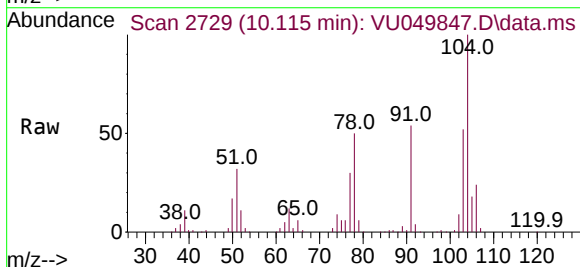
Acq: 22 Jul 2022 13:25

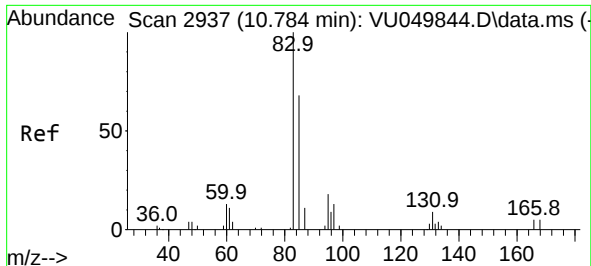
Tgt Ion:104 Resp: 127878

Ion Ratio Lower Upper

104 100

78 50.2 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.343 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

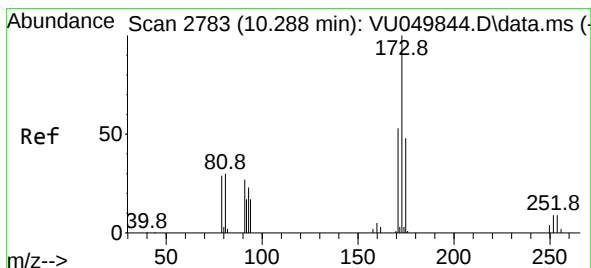
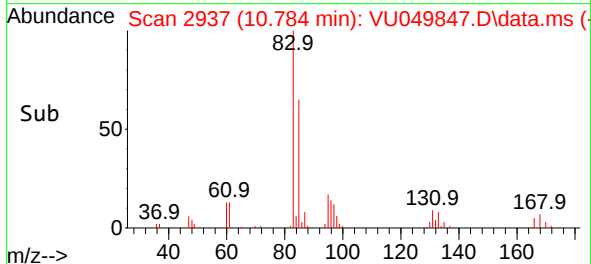
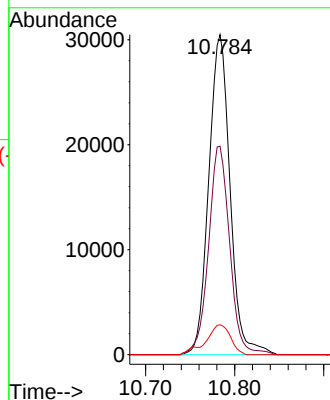
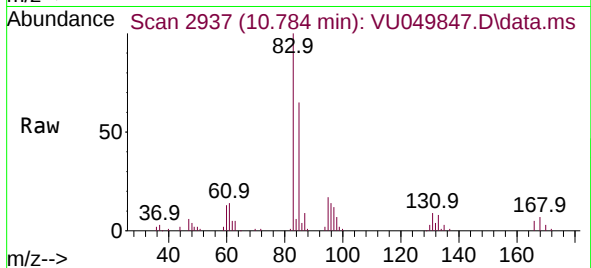
Tgt Ion: 83 Resp: 50505

Ion Ratio Lower Upper

83 100

85 65.1 47.9 89.1

131 9.4 7.3 10.9



#59

Bromoform

Concen: 5.392 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

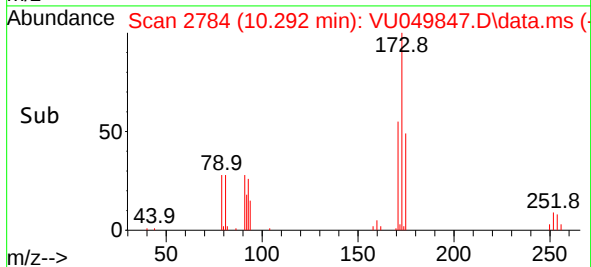
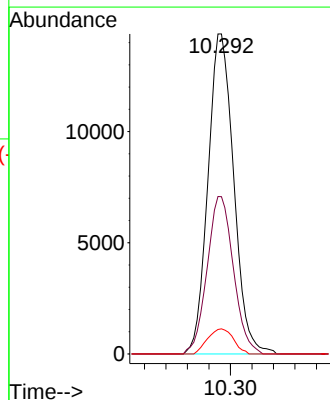
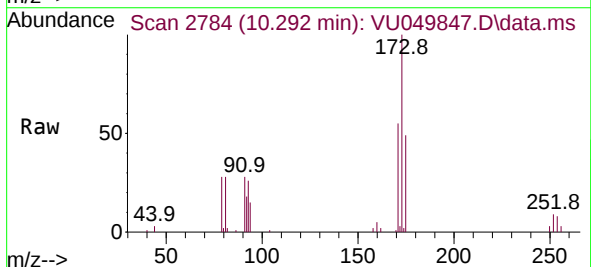
Tgt Ion:173 Resp: 23893

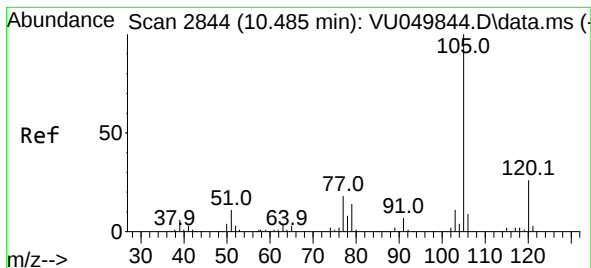
Ion Ratio Lower Upper

173 100

175 50.3 39.5 59.3

254 7.8 7.5 11.3





#60

Isopropylbenzene

Concen: 5.521 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

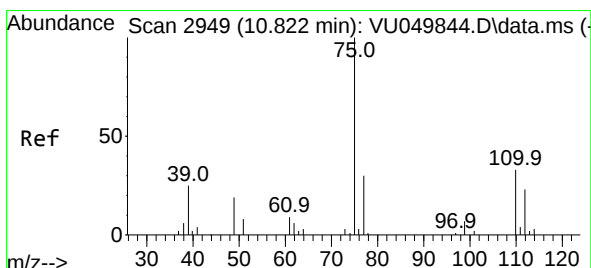
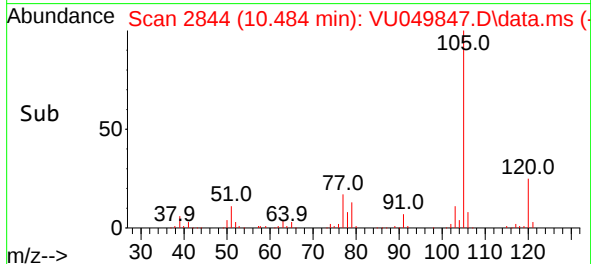
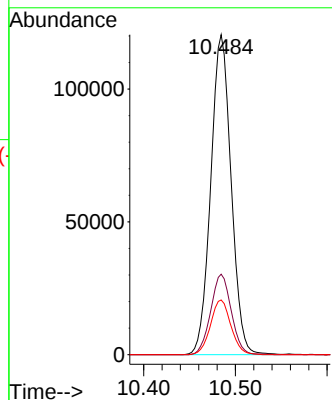
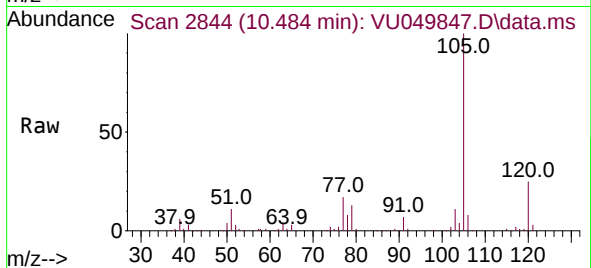
Tgt Ion:105 Resp: 185944

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.362 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

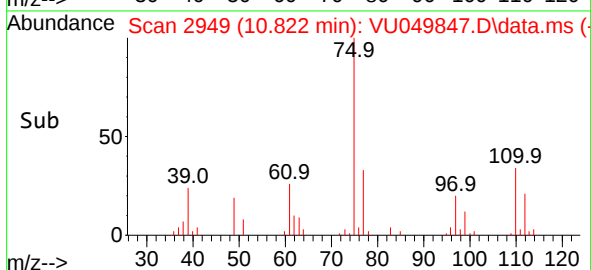
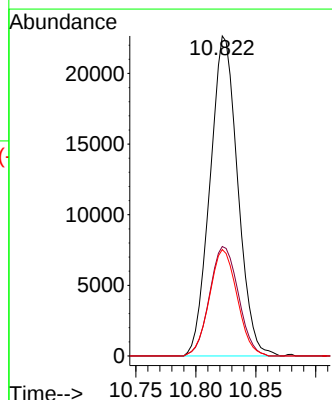
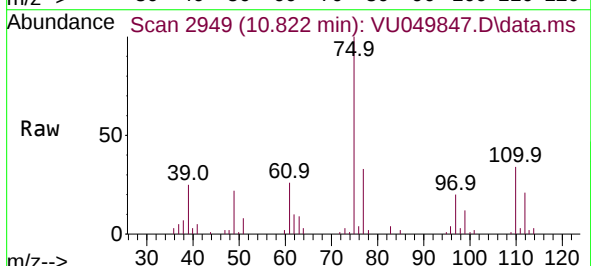
Tgt Ion: 75 Resp: 36370

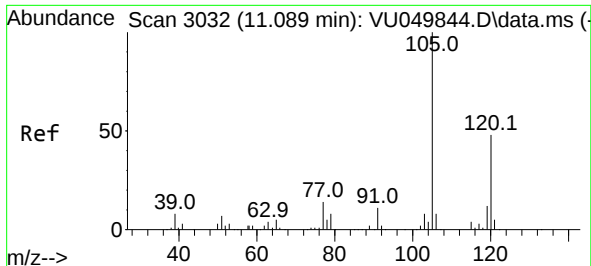
Ion Ratio Lower Upper

75 100

110 35.5 28.0 42.0

77 33.3 25.4 38.2

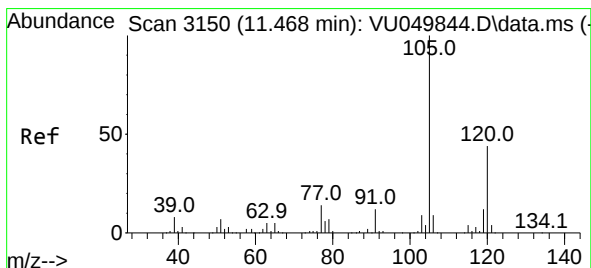
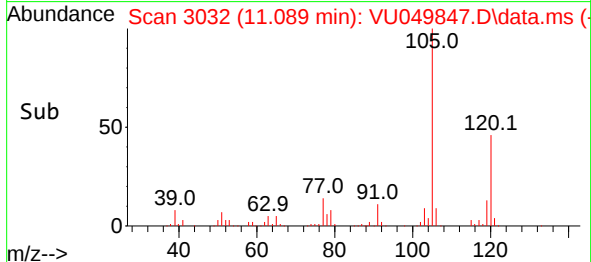
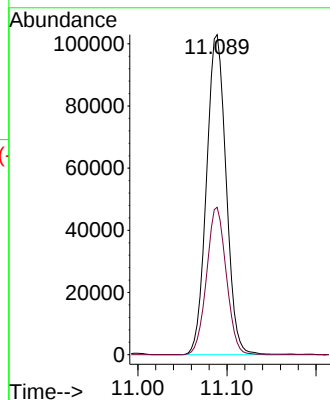
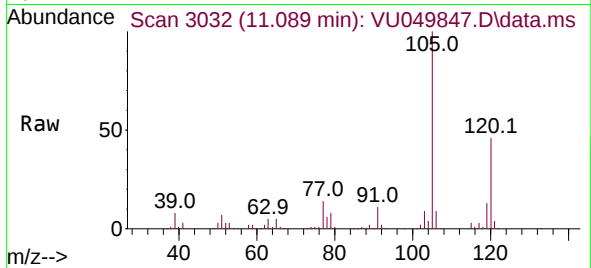




#62
1,3,5-Trimethylbenzene
Concen: 5.520 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

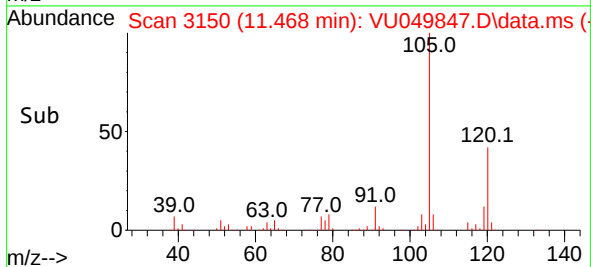
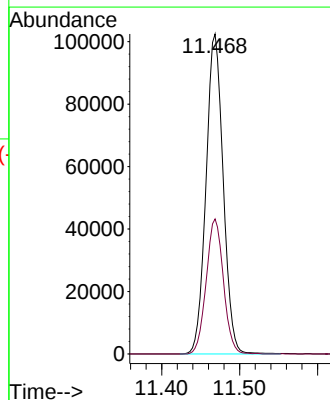
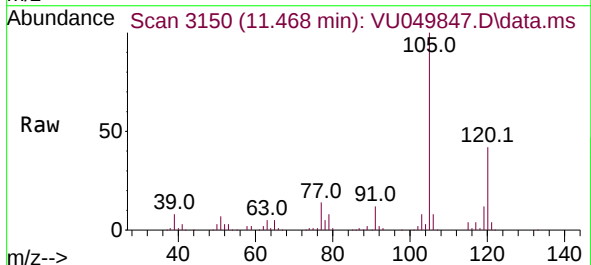
Instrument :
MSVOA_U
ClientSampleId :
VICV043

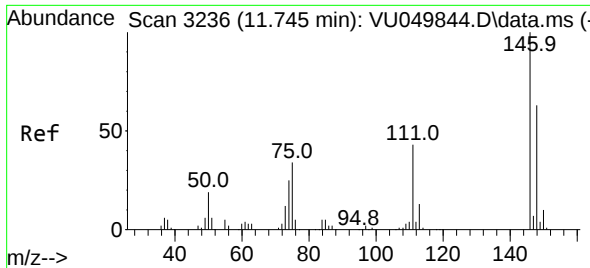
Tgt Ion:105 Resp: 157113
Ion Ratio Lower Upper
105 100
120 46.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.675 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:105 Resp: 156769
Ion Ratio Lower Upper
105 100
120 42.3 34.2 51.4

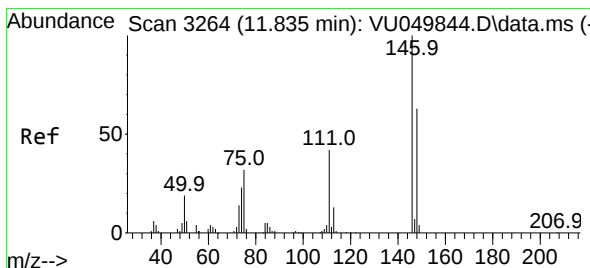
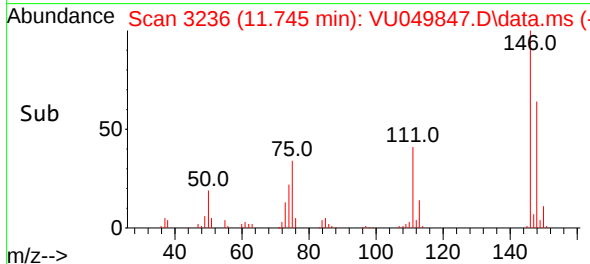
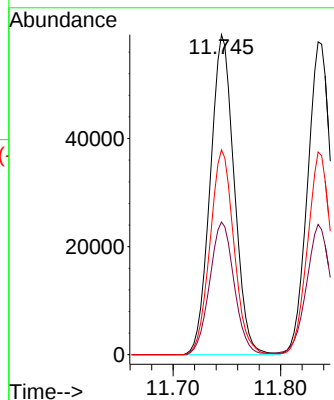
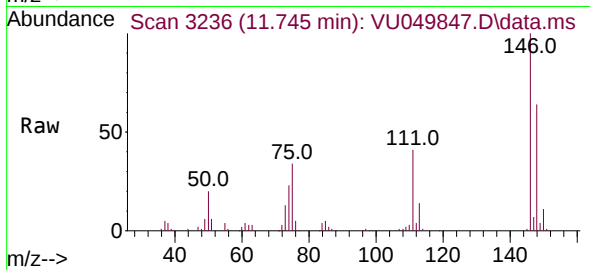




#64
1,3-Dichlorobenzene
Concen: 5.498 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

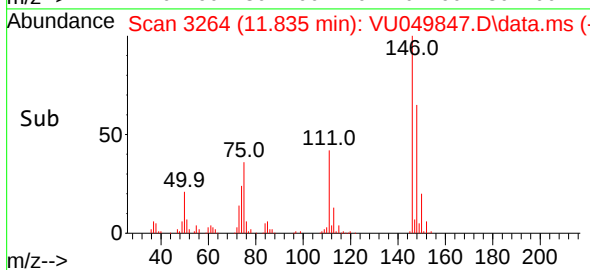
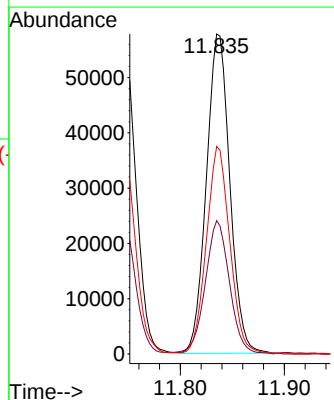
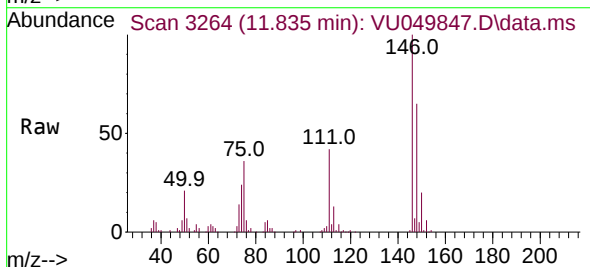
Instrument :
MSVOA_U
ClientSampleId :
VICV043

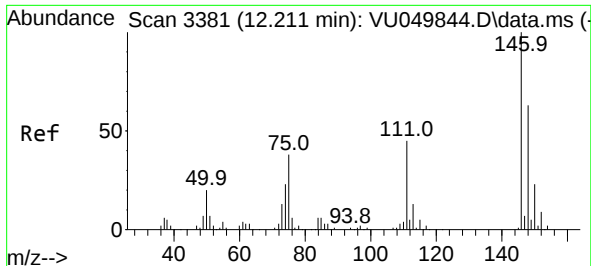
Tgt Ion:146 Resp: 91565
Ion Ratio Lower Upper
146 100
111 41.4 30.0 55.8
148 64.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.506 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:146 Resp: 90721
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.7
148 64.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.308 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

VICV043

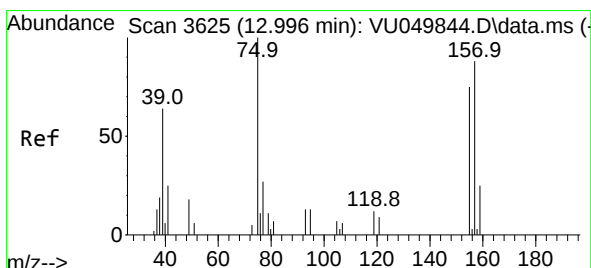
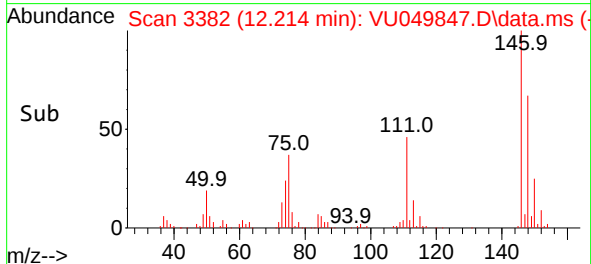
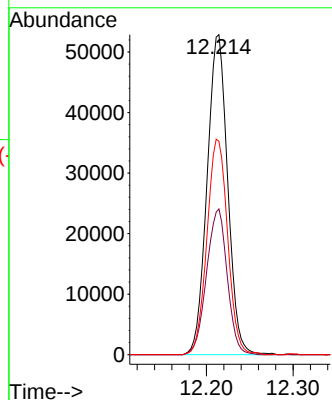
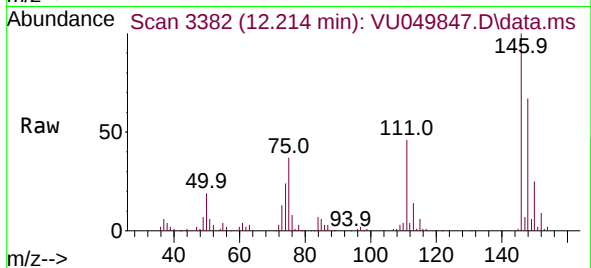
Tgt Ion:146 Resp: 87322

Ion Ratio Lower Upper

146 100

111 45.5 35.8 53.8

148 66.7 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.531 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049847.D

Acq: 22 Jul 2022 13:25

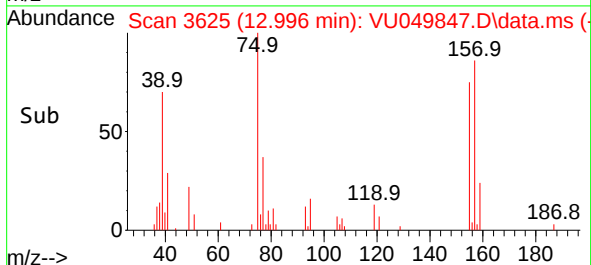
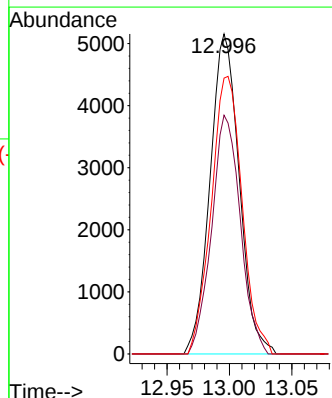
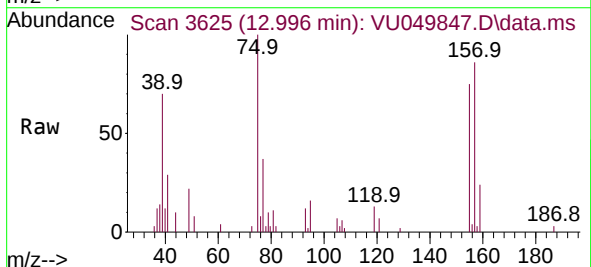
Tgt Ion: 75 Resp: 8393

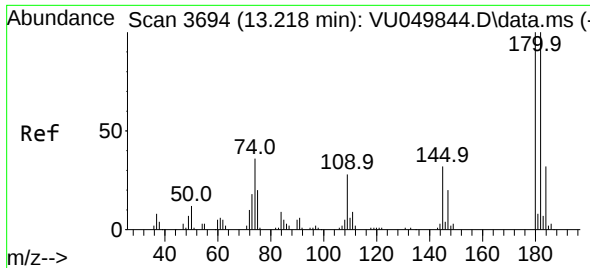
Ion Ratio Lower Upper

75 100

155 74.6 60.4 90.6

157 86.2 70.0 105.0

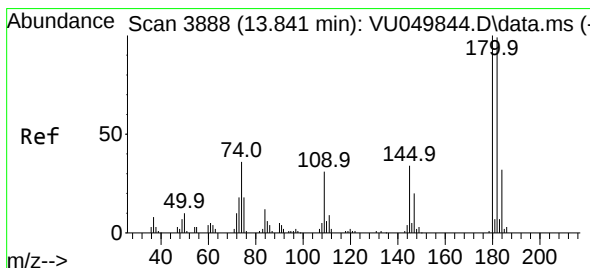
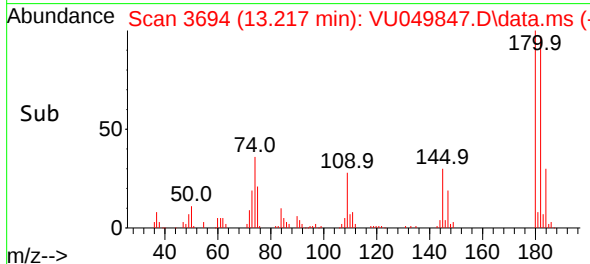
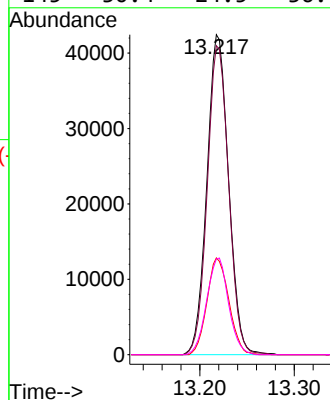
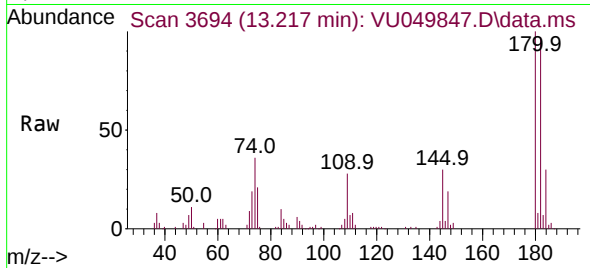




#69
 1,3,5-Trichlorobenzene
 Concen: 5.503 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049847.D
 Acq: 22 Jul 2022 13:25

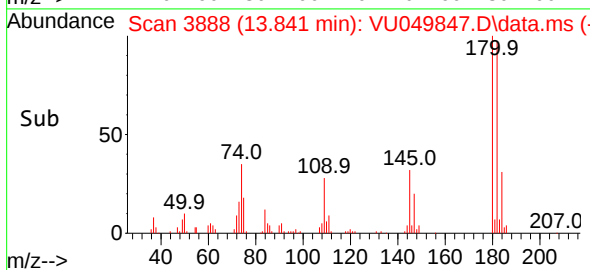
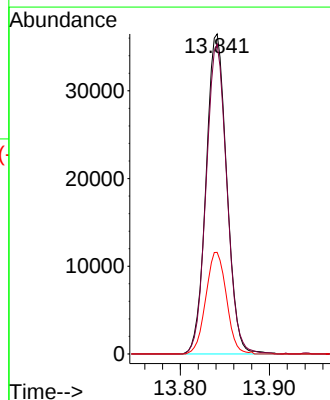
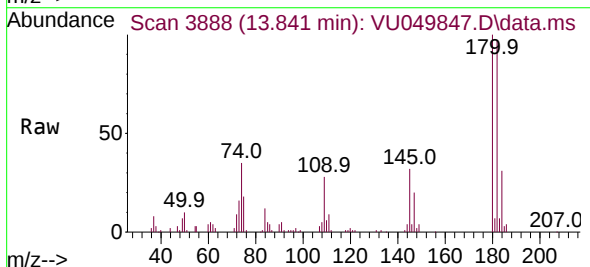
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV043

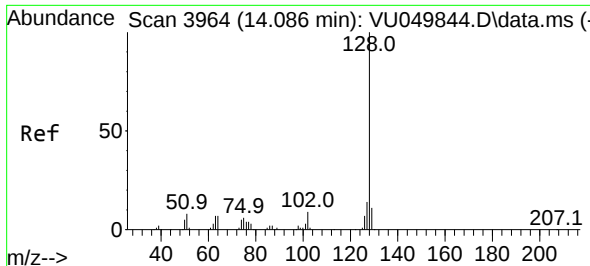
Tgt Ion:180	Resp:	67660
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.2 115.8
184	30.6	25.3 37.9
145	30.4	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.712 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049847.D
 Acq: 22 Jul 2022 13:25

Tgt Ion:180	Resp:	58964
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.0 115.4
145	31.6	26.1 39.1

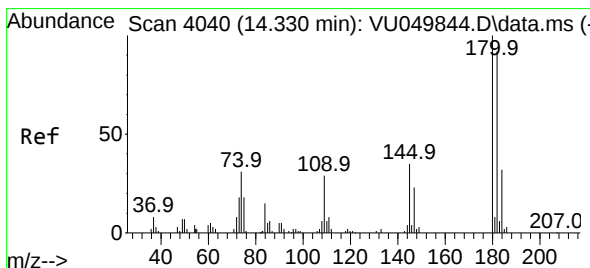
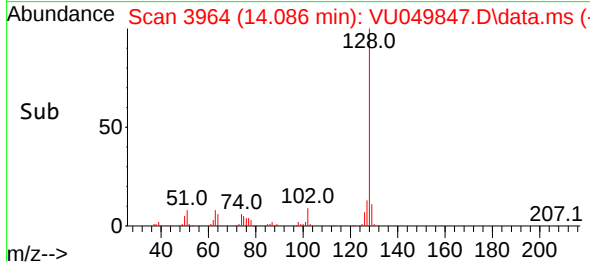
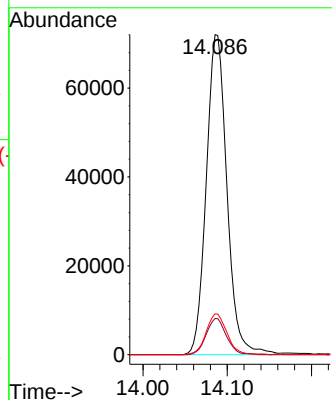
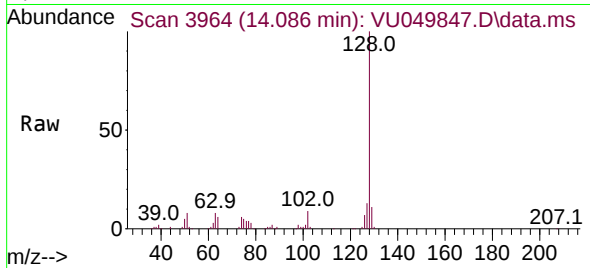




#71
Naphthalene
Concen: 6.115 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
VICV043

Tgt Ion:128 Resp: 123060
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 12.9 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.850 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049847.D
Acq: 22 Jul 2022 13:25

Tgt Ion:180 Resp: 58046
Ion Ratio Lower Upper
180 100
182 97.1 73.9 110.9
145 35.3 27.8 41.6

