

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090821\
 Data File : VU044607.D
 Acq On : 08 Sep 2021 13:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 09 07:37:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 09 07:35:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	118877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37125	3.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.919	69	38252	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.572	65	16544	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.642	46	90574	35.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.080%
24) Chloroform-d	5.073	84	73396	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.710	65	40809	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.735	84	151773	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.697	67	46345	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.903	98	143195	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.186	79	17097	4.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.642	63	101189	48.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43710	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	57158	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50900	4.283	ug/L	100
3) Chloromethane	1.520	50	53038	3.406	ug/L	100
5) Vinyl chloride	1.607	62	62494	4.342	ug/L	100
6) Bromomethane	1.861	94	34876	4.458	ug/L	98
8) Chloroethane	1.938	64	40100	4.557	ug/L	98
9) Trichlorofluoromethane	2.144	101	80578	4.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44939	4.963	ug/L	96
12) 1,1-Dichloroethene	2.584	96	43036	4.845	ug/L	89
13) Acetone	2.649	43	51356	23.925	ug/L	81
14) Carbon disulfide	2.800	76	120665	4.188	ug/L	97
15) Methyl Acetate	2.961	43	12828	3.659	ug/L	# 83
16) Methylene chloride	3.054	84	54605	4.138	ug/L	89
17) Methyl tert-butyl Ether	3.372	73	102699	4.471	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	44977	4.860	ug/L	89
19) 1,1-Dichloroethane	3.877	63	78771	4.391	ug/L	97
21) 2-Butanone	4.723	43	90598	29.618	ug/L	90
22) cis-1,2-Dichloroethene	4.674	96	47764	4.827	ug/L	90
23) Bromochloromethane	4.983	128	22446	5.146	ug/L	85
25) Chloroform	5.096	83	88528	4.810	ug/L	96

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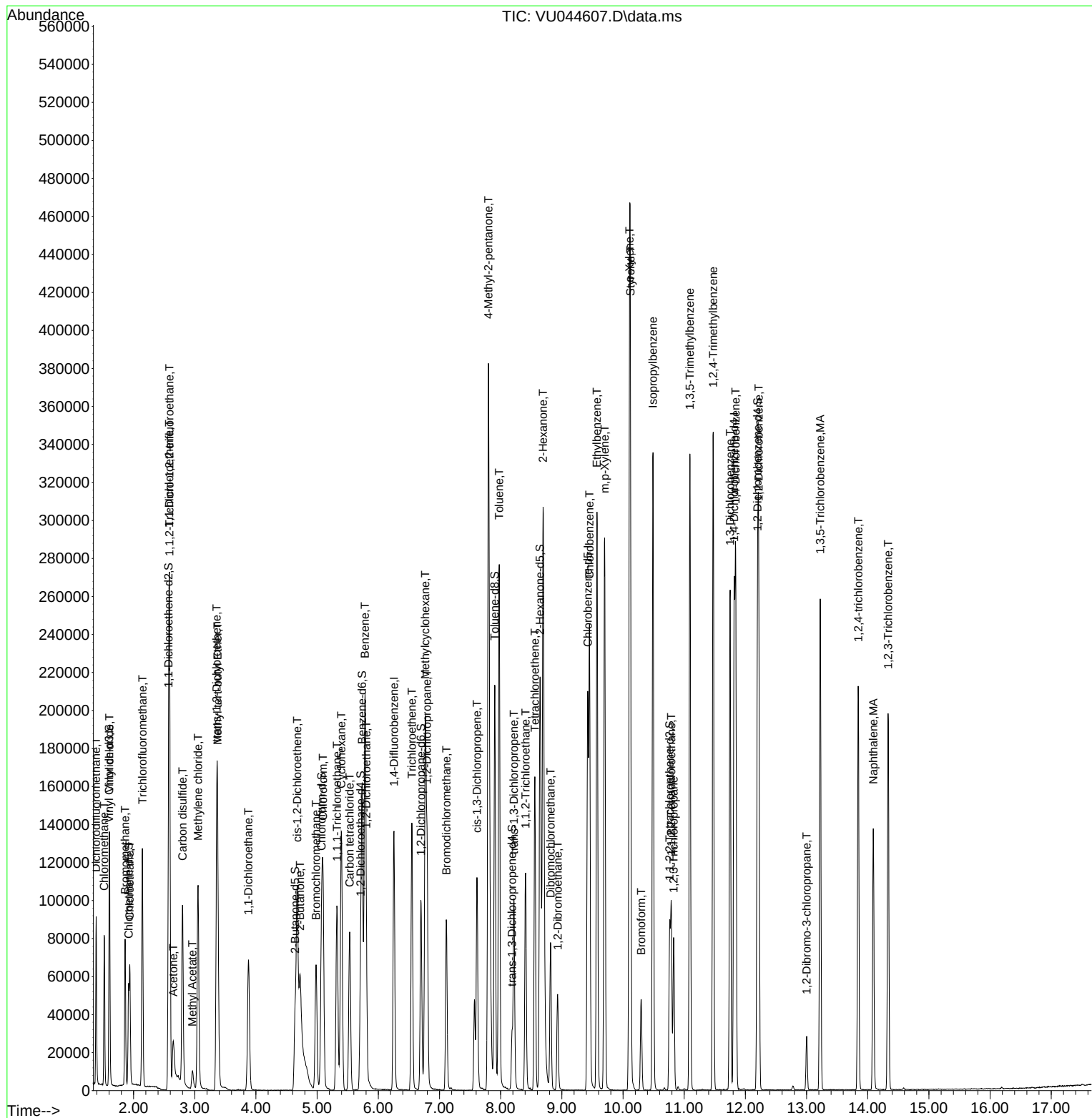
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	56196	4.577	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	70068	4.709	ug/L	97
30) Cyclohexane	5.398	56	65900	4.007	ug/L	89
31) Carbon tetrachloride	5.533	117	56277	4.603	ug/L	100
33) Benzene	5.780	78	182598	4.527	ug/L	100
34) Trichloroethene	6.549	95	47280	4.742	ug/L	93
35) Methylcyclohexane	6.768	83	75251	4.525	ug/L	93
37) 1,2-Dichloropropane	6.797	63	46434	4.397	ug/L	98
38) Bromodichloromethane	7.112	83	60306	4.651	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	66710	4.504	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	302118	42.132	ug/L #	94
42) Toluene	7.977	91	205678	4.896	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	58080	4.627	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	37397	4.966	ug/L	99
47) Tetrachloroethene	8.558	164	37616	5.456	ug/L	95
48) 2-Hexanone	8.694	43	225596	44.090	ug/L #	97
49) Dibromochloromethane	8.816	129	41201	5.170	ug/L	97
50) 1,2-Dibromoethane	8.931	107	35733	4.960	ug/L #	98
51) Chlorobenzene	9.452	112	130351	5.056	ug/L	95
52) Ethylbenzene	9.575	91	216480	4.878	ug/L	97
53) m,p-Xylene	9.700	106	85544	5.127	ug/L	96
54) o-Xylene	10.105	106	83938	5.165	ug/L	93
55) Styrene	10.121	104	147212	5.525	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	47729	4.813	ug/L	96
59) Bromoform	10.298	173	22266	4.701	ug/L	99
60) Isopropylbenzene	10.491	105	218793	4.472	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	34255	4.089	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	181920	4.548	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	190605	4.647	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	107532	5.006	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	109154	5.030	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	102749	5.019	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	7410	4.325	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	81447	5.385	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	66438	5.605	ug/L	99
71) Naphthalene	14.092	128	113211	5.009	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	61093	5.629	ug/L	98

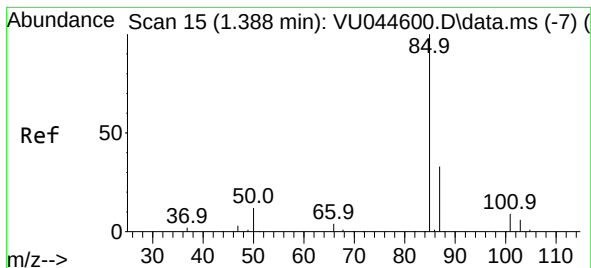
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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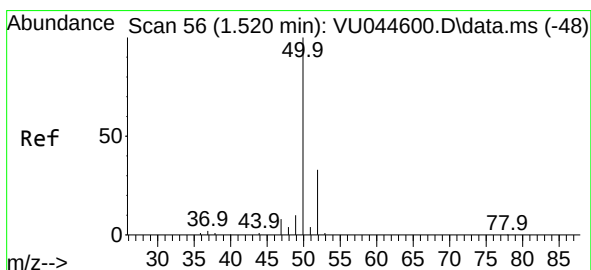
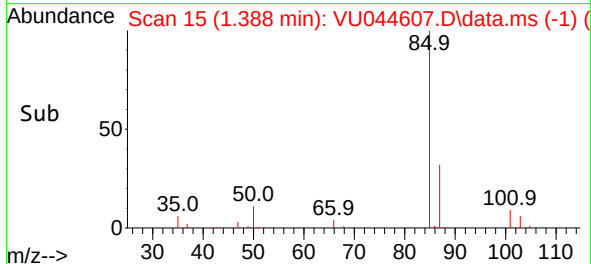
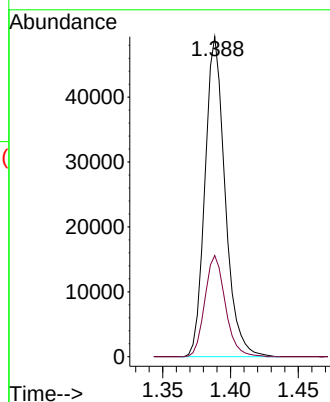
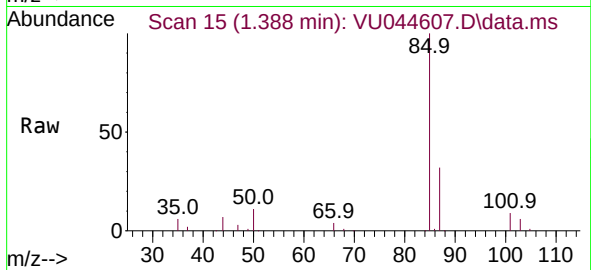




#2
Dichlorodifluoromethane
Concen: 4.283 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

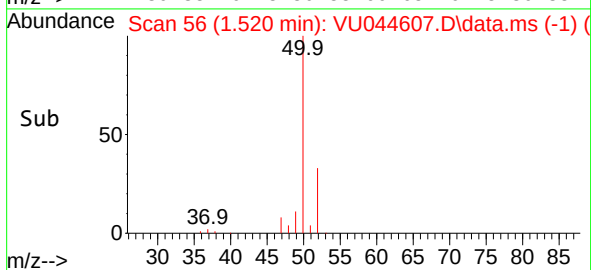
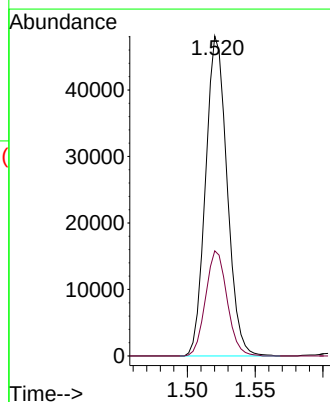
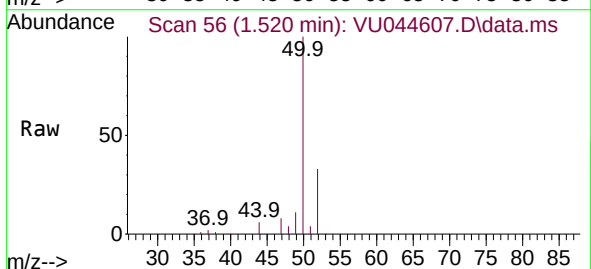
Instrument :
MSVOA_U
ClientSampled :

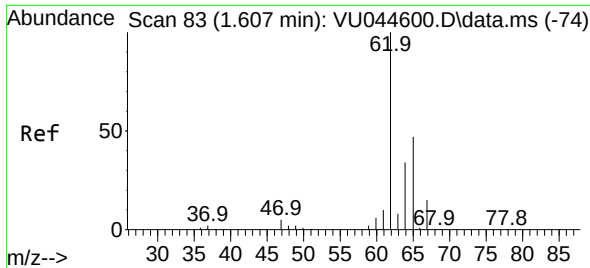
Tgt Ion: 85 Resp: 50900
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 3.406 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 50 Resp: 53038
Ion Ratio Lower Upper
50 100
52 32.9 22.8 42.4

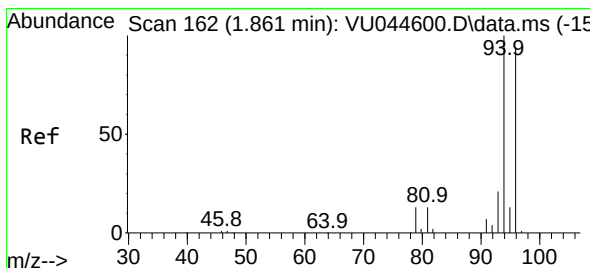
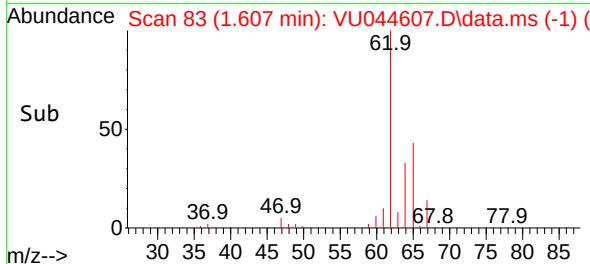
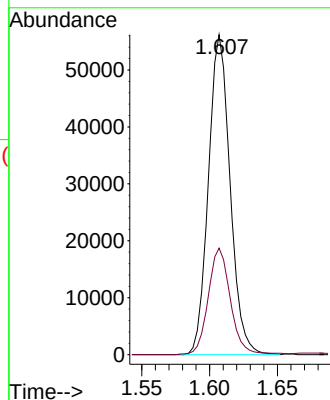
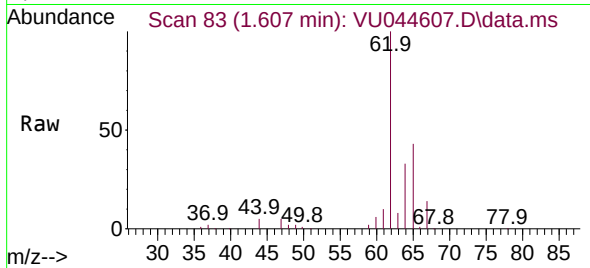




#5
 Vinyl chloride
 Concen: 4.342 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

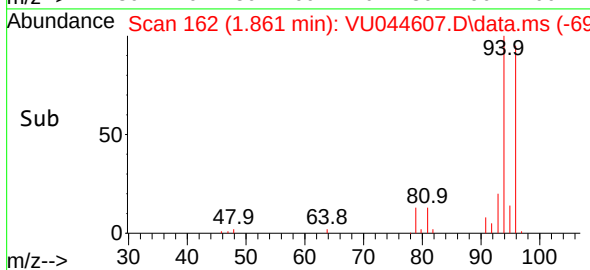
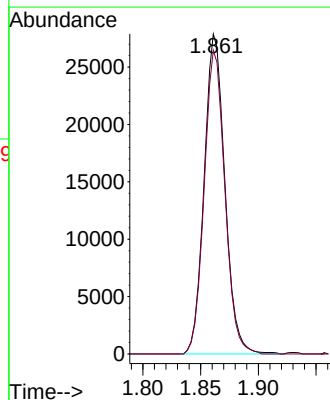
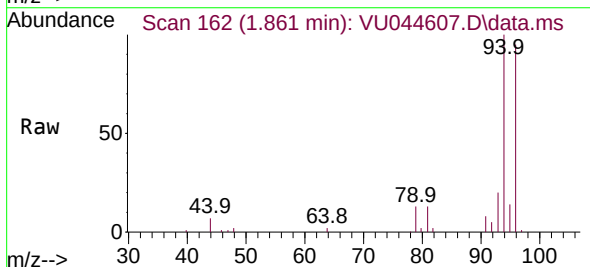
Instrument :
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 ClientSampled :

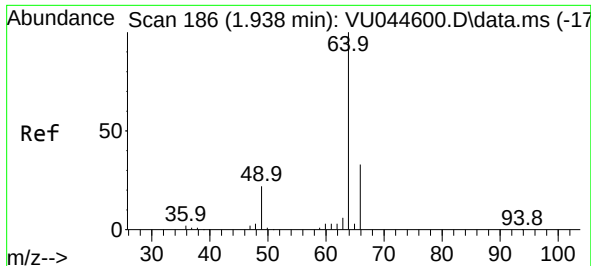
Tgt Ion: 62 Resp: 62494
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 4.458 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 94 Resp: 34876
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.2 121.2

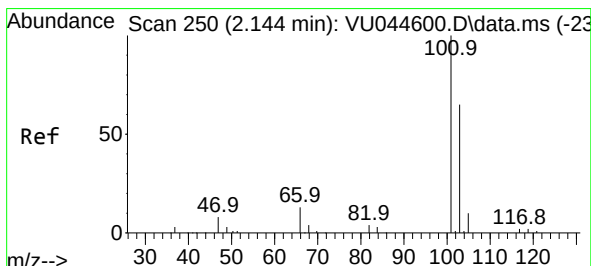
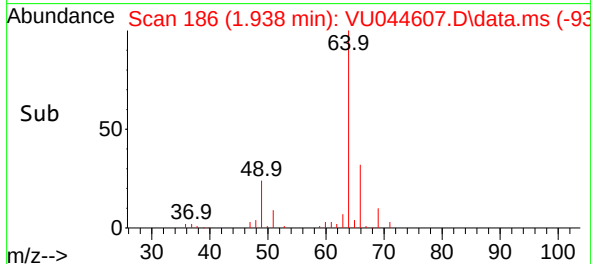
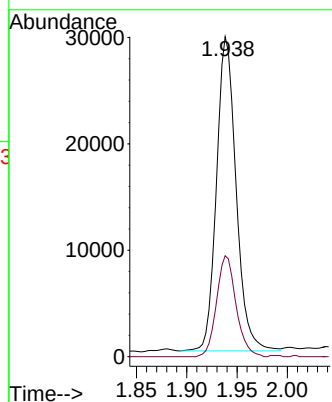
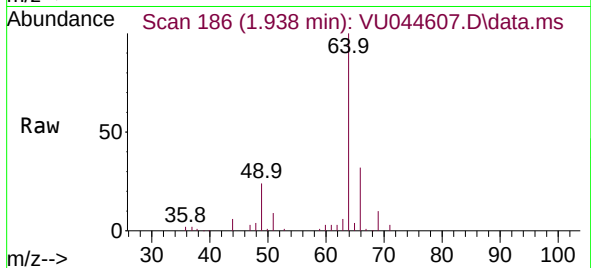




#8
Chloroethane
Concen: 4.557 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

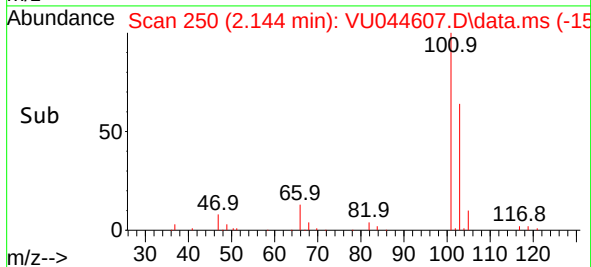
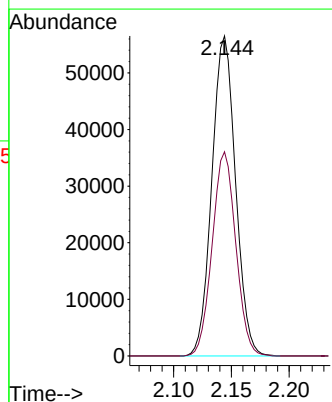
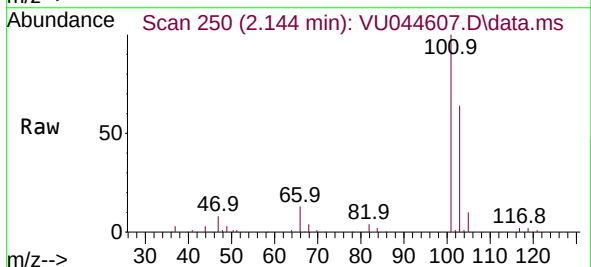
Instrument :
MSVOA_U
ClientSampled :

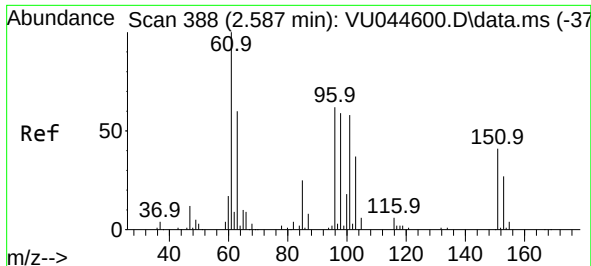
Tgt Ion: 64 Resp: 40100
Ion Ratio Lower Upper
64 100
66 31.6 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.896 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:101 Resp: 80578
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4

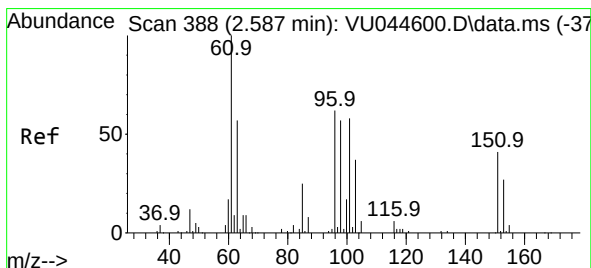
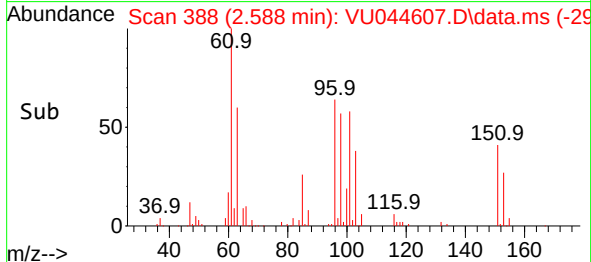
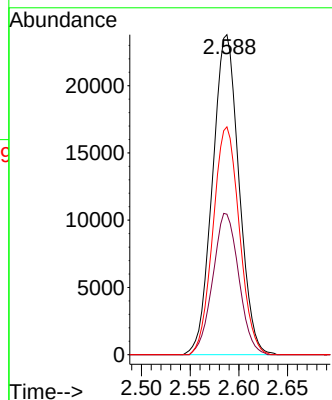
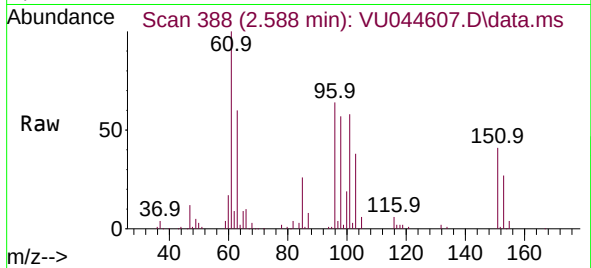




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.963 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU044607.D
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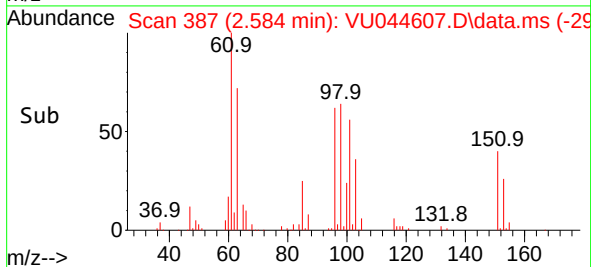
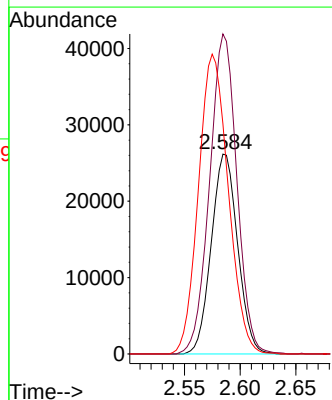
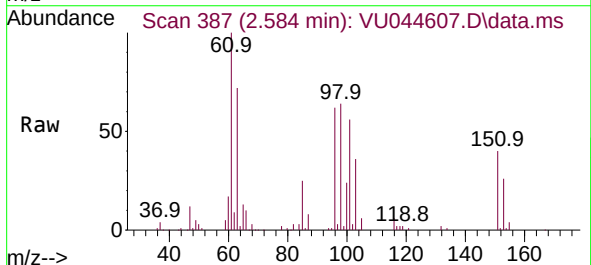
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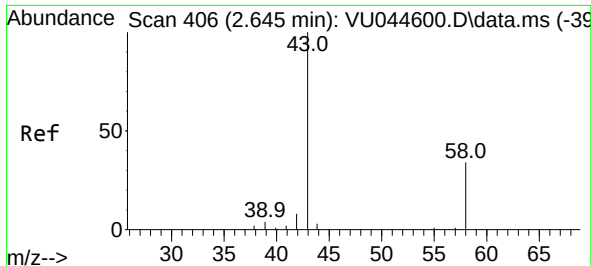
Tgt Ion:101 Resp: 44939
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.3 52.9
 151 70.9 53.0 79.6



#12
 1,1-Dichloroethene
 Concen: 4.845 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 96 Resp: 43036
 Ion Ratio Lower Upper
 96 100
 61 160.2 126.1 234.3
 63 115.2 84.8 157.6

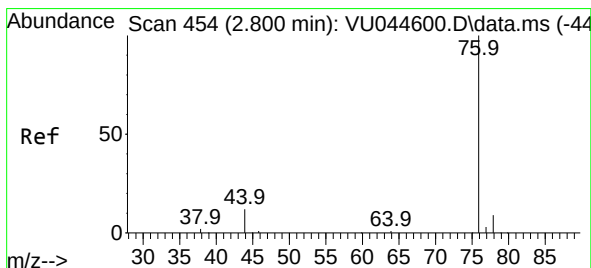
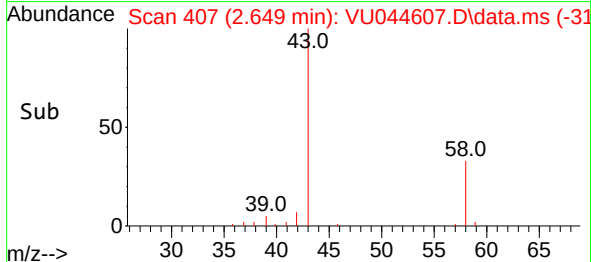
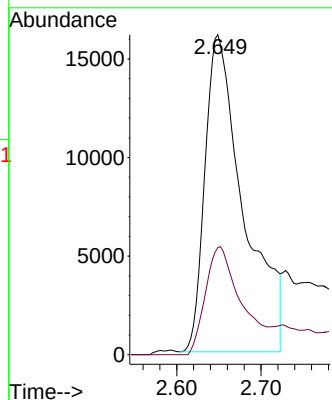
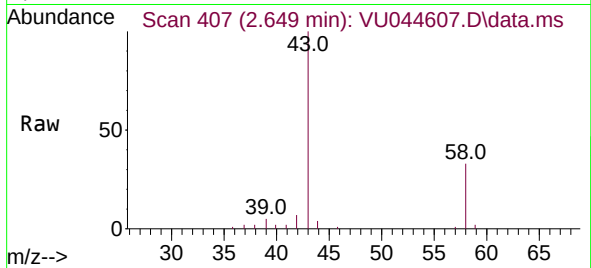




#13
Acetone
Concen: 23.925 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

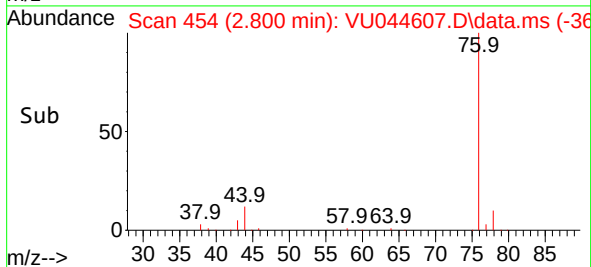
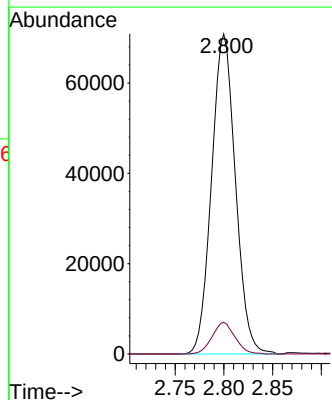
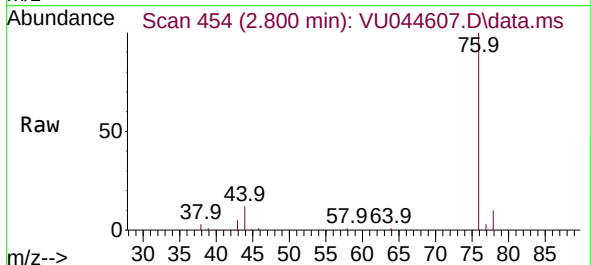
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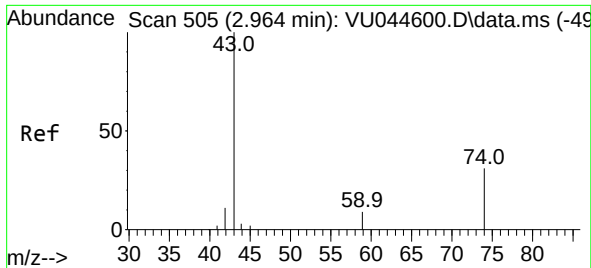
Tgt Ion: 43 Resp: 51356
Ion Ratio Lower Upper
43 100
58 31.9 0.0 45.4



#14
Carbon disulfide
Concen: 4.188 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 120665
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

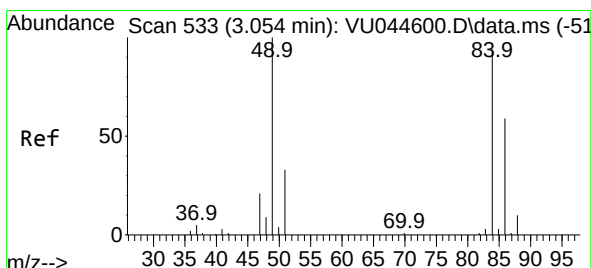
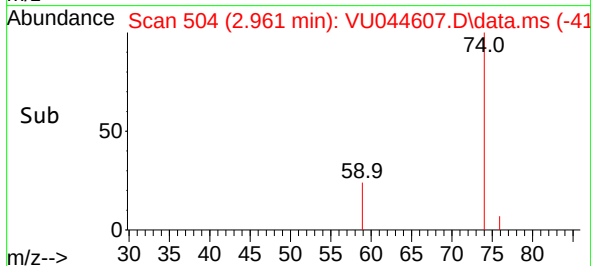
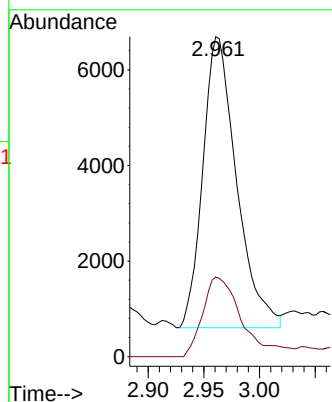
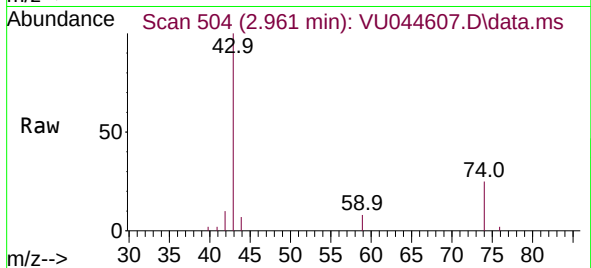




#15
Methyl Acetate
Concen: 3.659 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

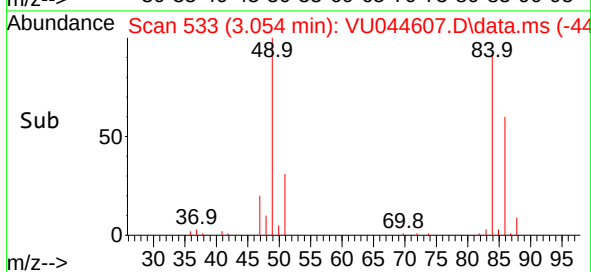
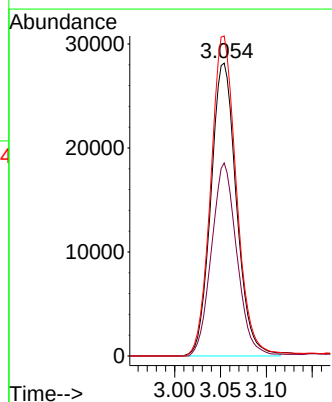
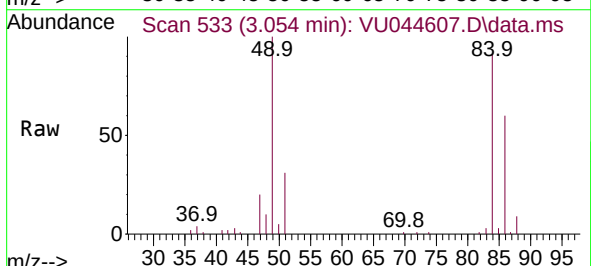
Instrument :
MSVOA_U
ClientSampled :

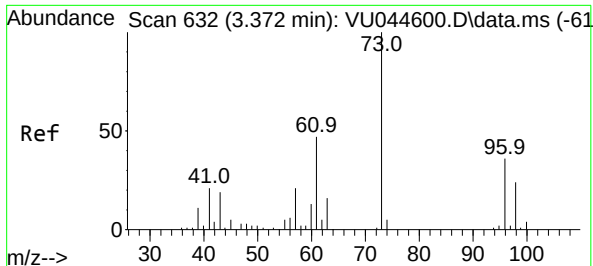
Tgt Ion: 43 Resp: 12828
Ion Ratio Lower Upper
43 100
74 32.1 19.0 28.4#



#16
Methylene chloride
Concen: 4.138 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 84 Resp: 54605
Ion Ratio Lower Upper
84 100
86 65.9 45.2 84.0
49 109.3 88.8 165.0



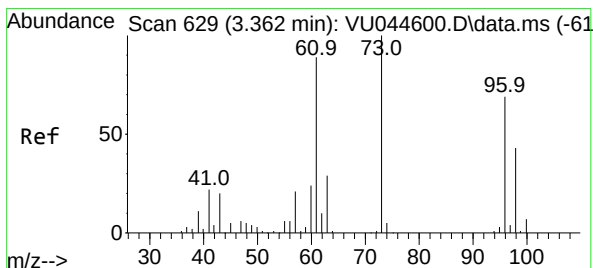
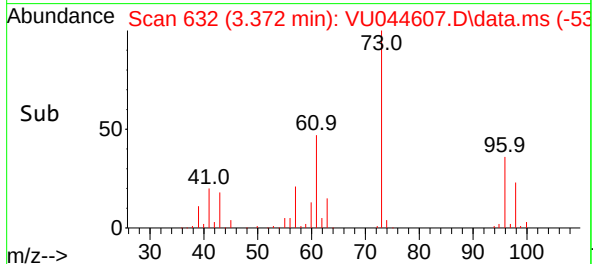
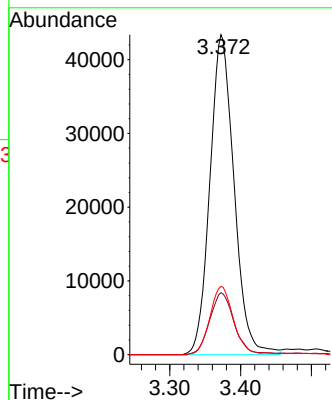
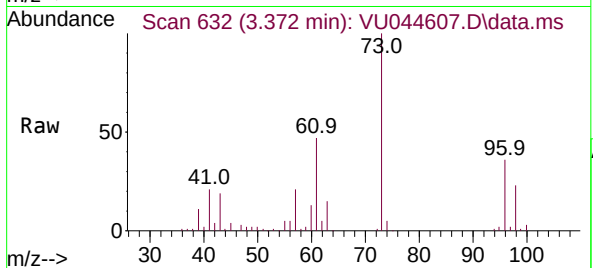


#17

Methyl tert-butyl Ether
Concen: 4.471 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_U
ClientSampled :

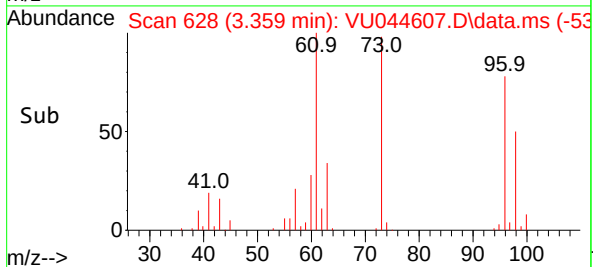
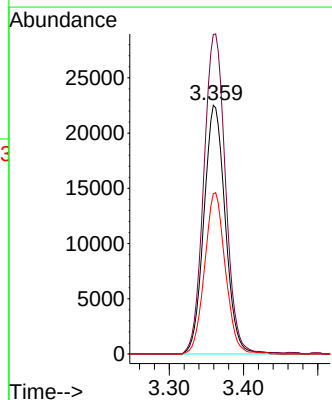
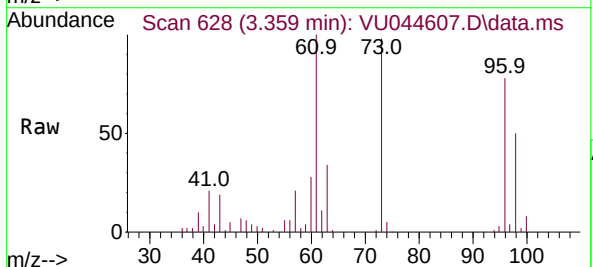
Tgt Ion: 73 Resp: 102699
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.4
57 20.7 17.8 26.8

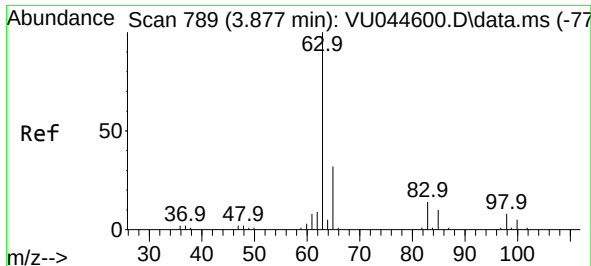


#18

trans-1,2-Dichloroethene
Concen: 4.860 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 96 Resp: 44977
Ion Ratio Lower Upper
96 100
61 128.4 103.7 192.5
98 64.5 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.391 ug/L

RT: 3.877 min Scan# 789

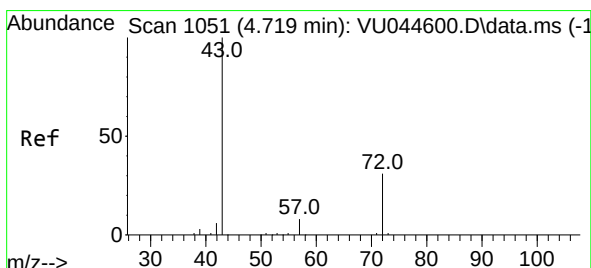
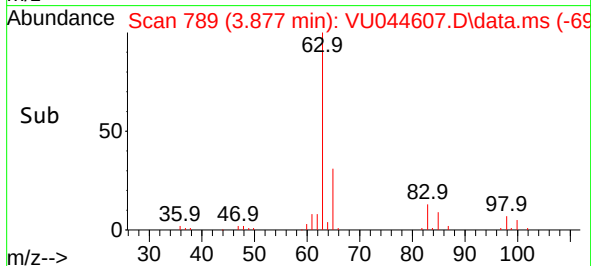
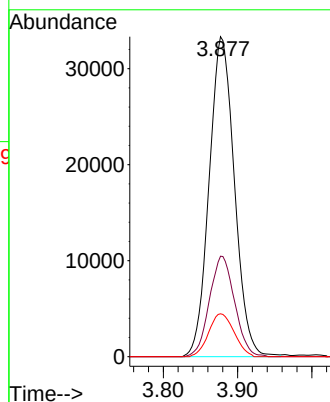
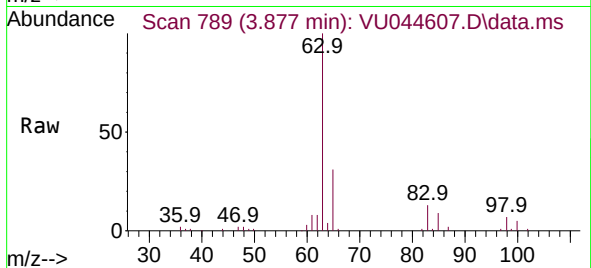
Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion:	63	Resp:	78771
Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.4	43.6
83	13.4	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 29.618 ug/L

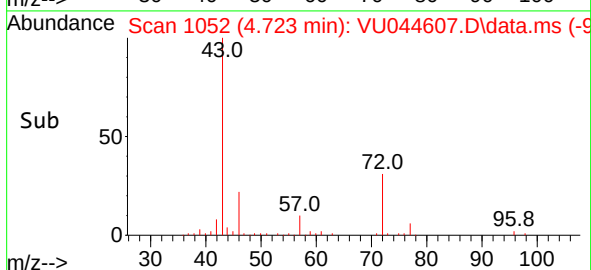
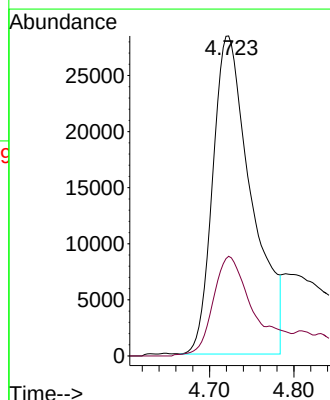
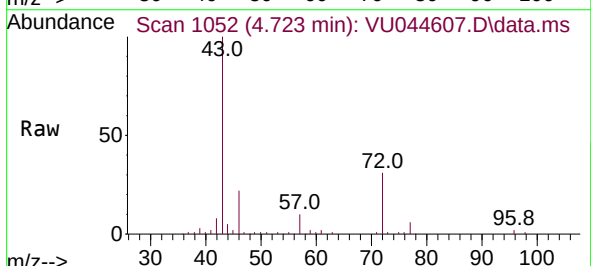
RT: 4.723 min Scan# 1052

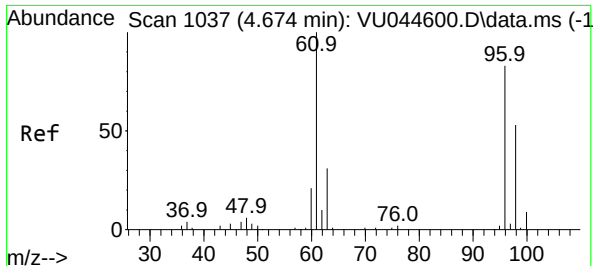
Delta R.T. 0.003 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion:	43	Resp:	90598
Ion	Ratio	Lower	Upper
43	100		
72	33.5	14.1	42.4





#22

cis-1,2-Dichloroethene

Concen: 4.827 ug/L

RT: 4.674 min Scan# 1037

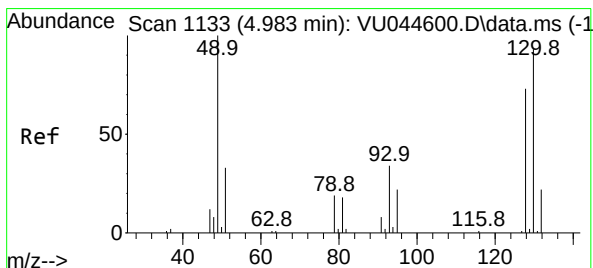
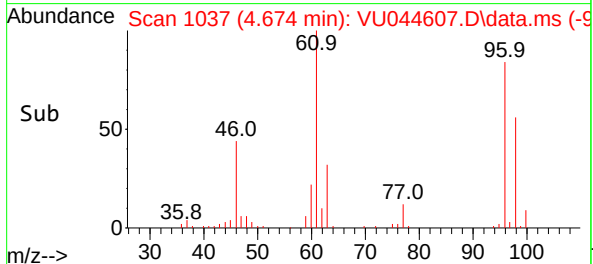
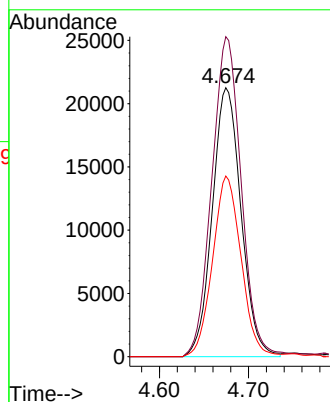
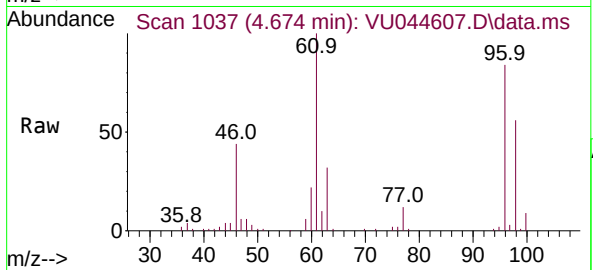
Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion:	96	Resp:	47764
Ion	Ratio	Lower	Upper
96	100		
61	119.0	93.9	174.5
98	67.2	44.7	83.1

Instrument :
MSVOA_U
ClientSampled :



#23

Bromochloromethane

Concen: 5.146 ug/L

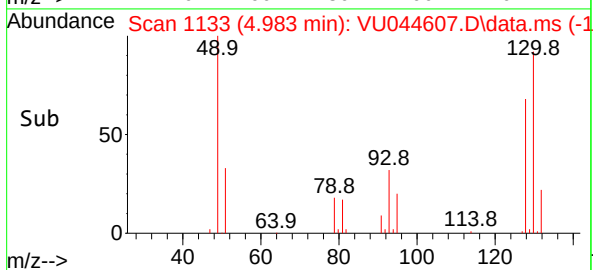
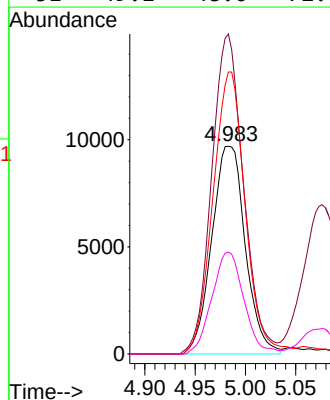
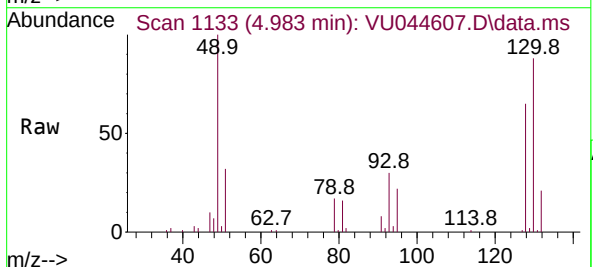
RT: 4.983 min Scan# 1133

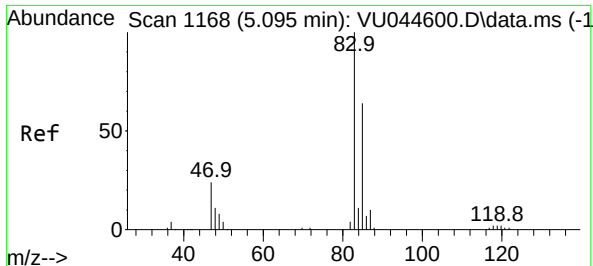
Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion:	128	Resp:	22446
Ion	Ratio	Lower	Upper
128	100		
49	154.1	128.1	237.9
130	135.8	89.2	165.8
51	49.1	48.0	72.0



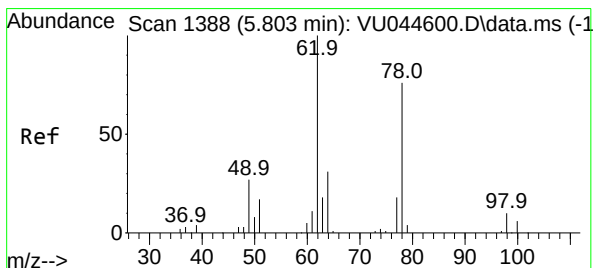
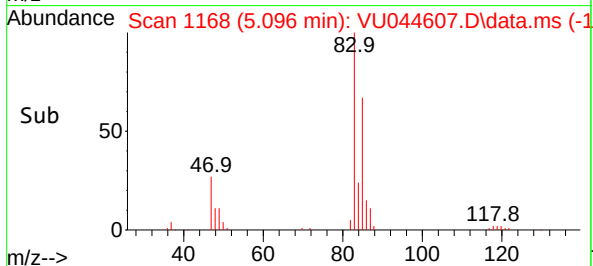
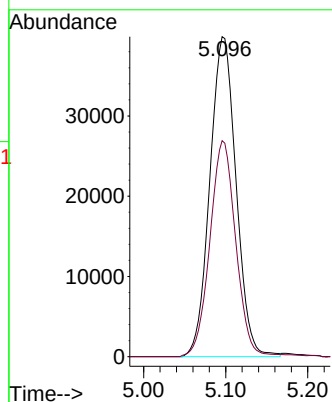
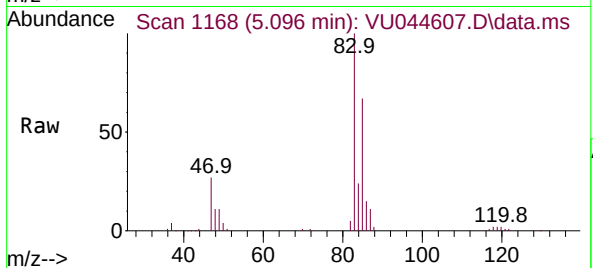


#25

Chloroform
Concen: 4.810 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_U
ClientSampled :

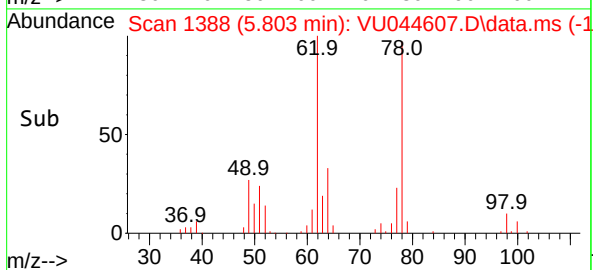
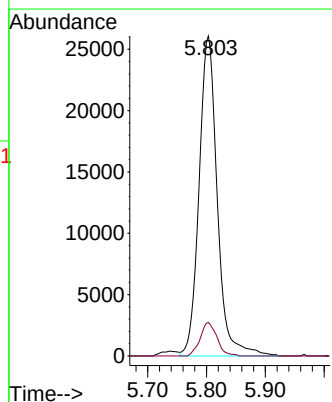
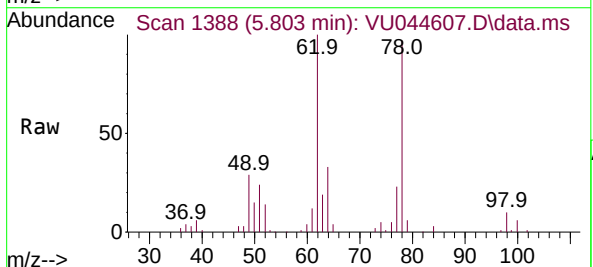
Tgt Ion: 83 Resp: 88528
Ion Ratio Lower Upper
83 100
85 67.5 45.3 84.1

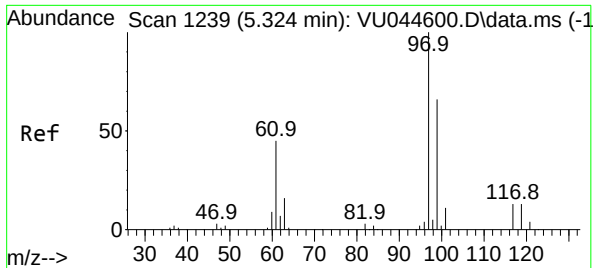


#27

1,2-Dichloroethane
Concen: 4.577 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 62 Resp: 56196
Ion Ratio Lower Upper
62 100
98 10.4 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.709 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

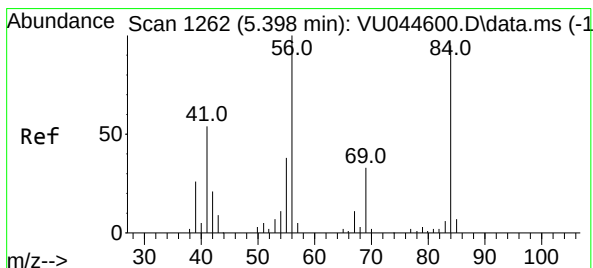
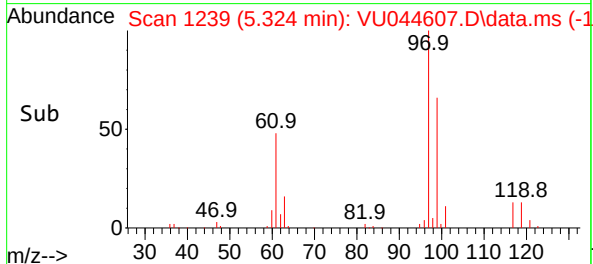
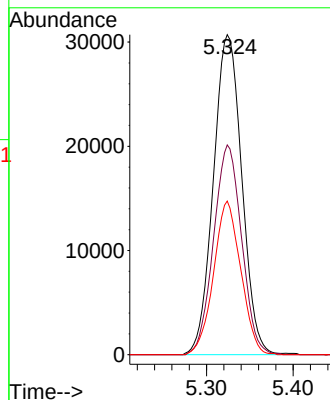
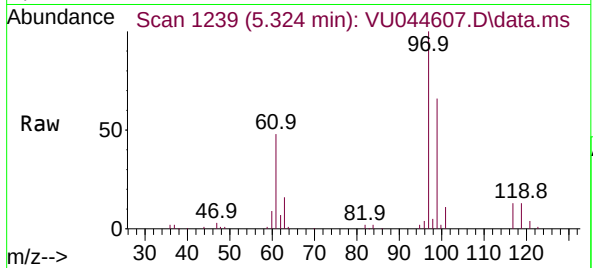
Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion: 97 Resp: 70068

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.5	78.7
61	45.9	39.2	58.8

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 4.007 ug/L

RT: 5.398 min Scan# 1262

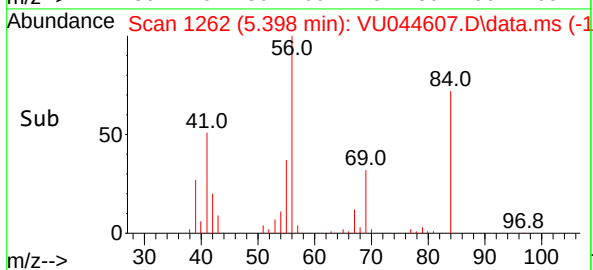
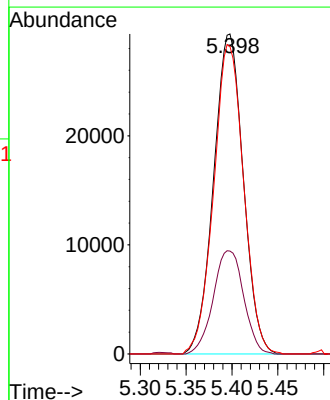
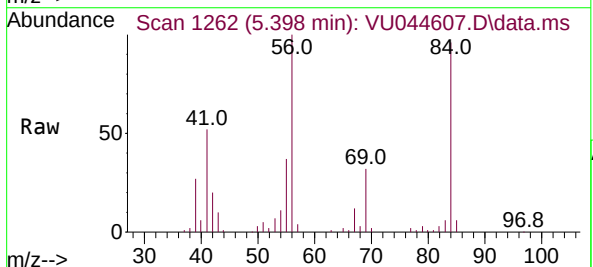
Delta R.T. 0.000 min

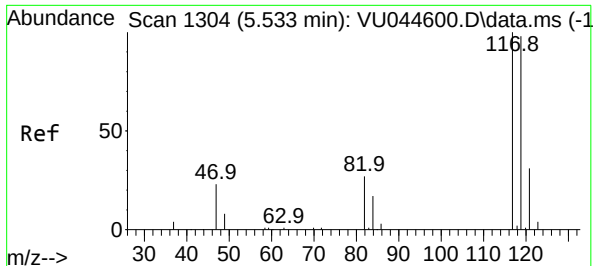
Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

Tgt Ion: 56 Resp: 65900

Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.3	36.5
84	97.5	68.4	102.6

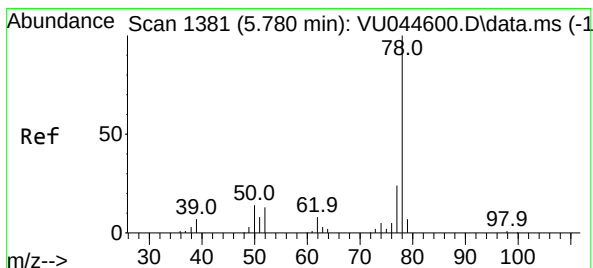
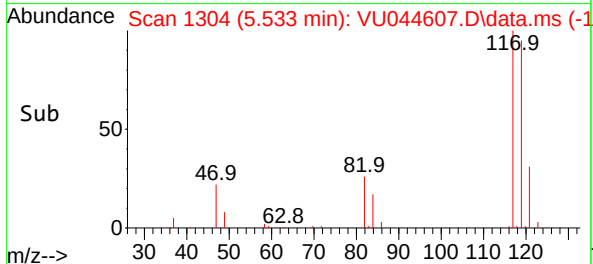
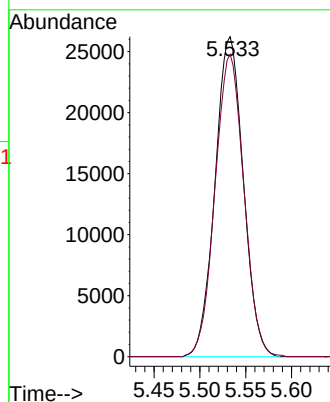
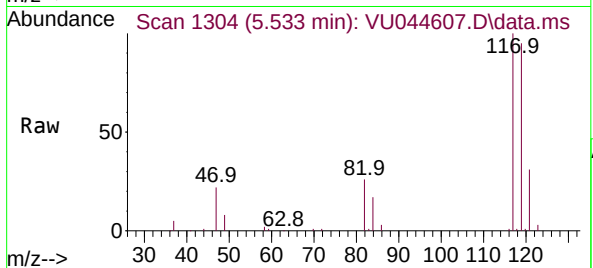




#31
Carbon tetrachloride
Concen: 4.603 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

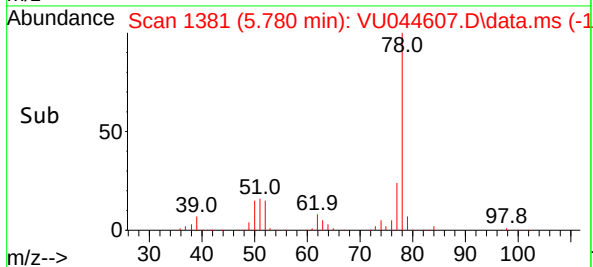
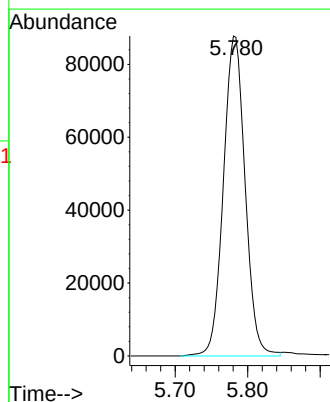
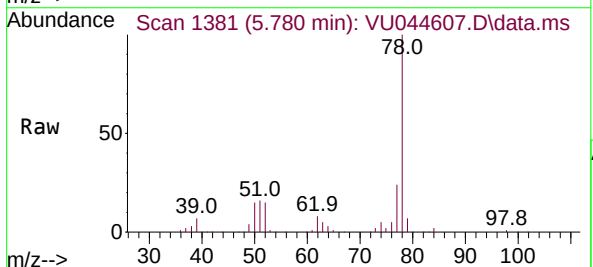
Instrument :
MSVOA_U
ClientSampled :

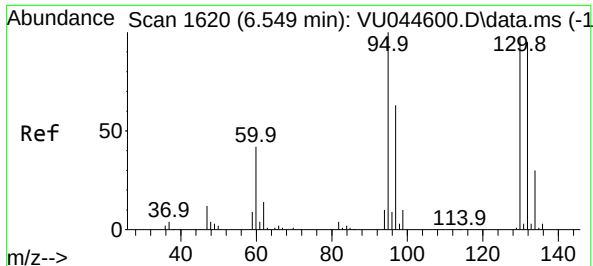
Tgt Ion:117 Resp: 56277
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 4.527 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 78 Resp: 182598

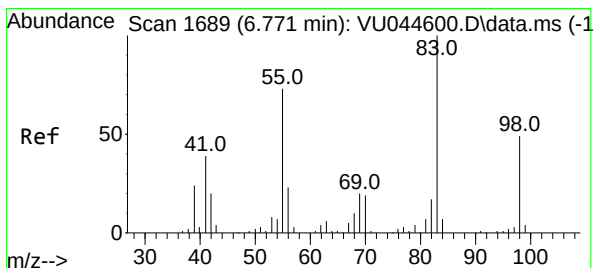
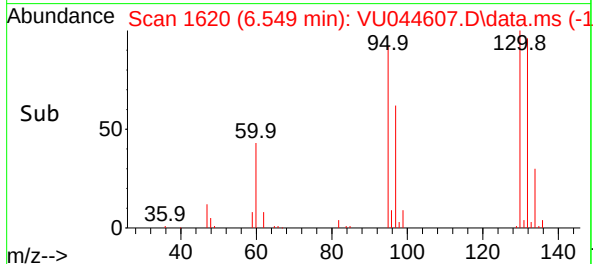
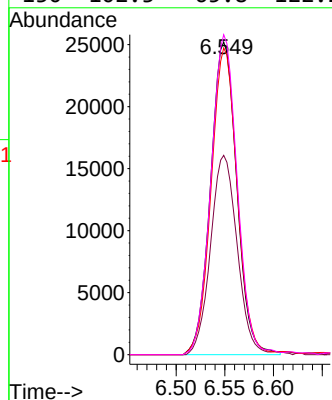
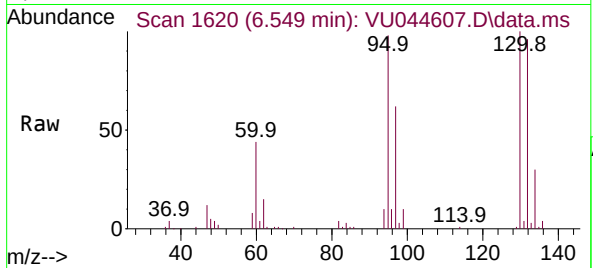




#34
Trichloroethene
Concen: 4.742 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

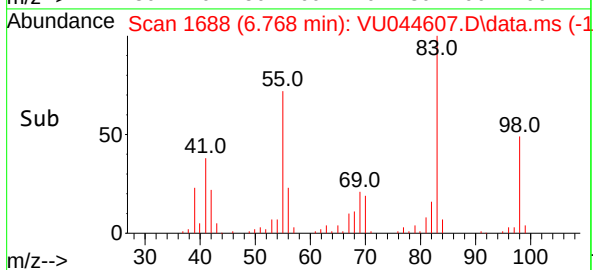
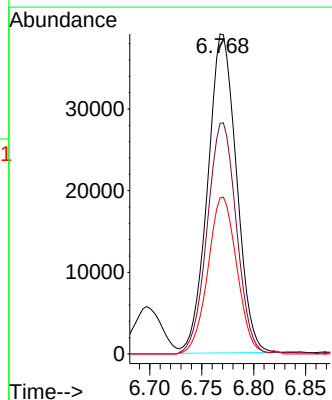
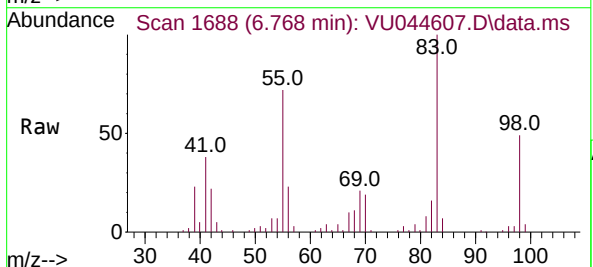
Instrument :
MSVOA_U
ClientSampled :

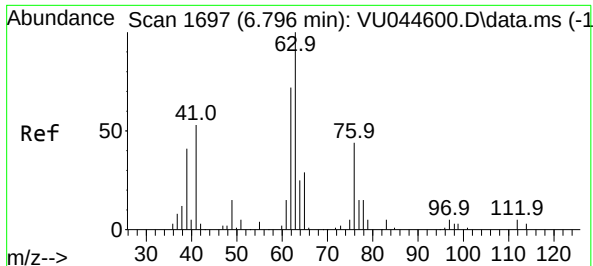
Tgt Ion: 95 Resp: 47280
Ion Ratio Lower Upper
95 100
97 63.7 45.6 84.8
132 98.1 63.4 117.8
130 102.3 65.8 122.2



#35
Methylcyclohexane
Concen: 4.525 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 83 Resp: 75251
Ion Ratio Lower Upper
83 100
55 73.4 64.8 97.2
98 49.4 37.5 56.3



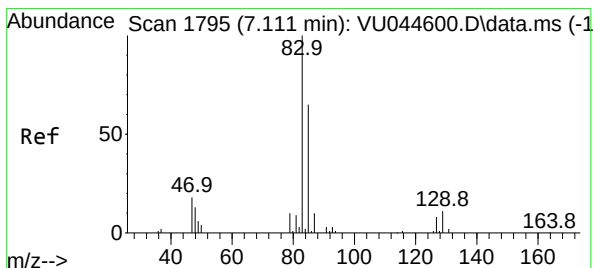
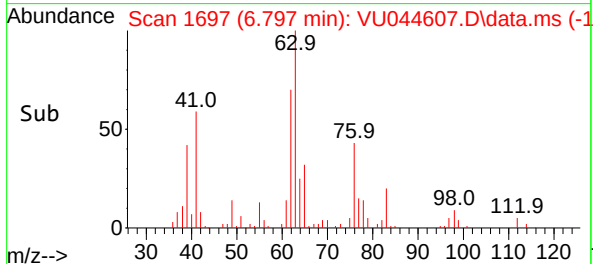
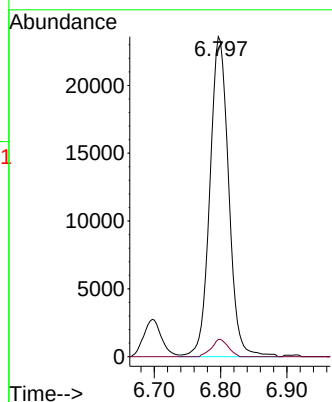
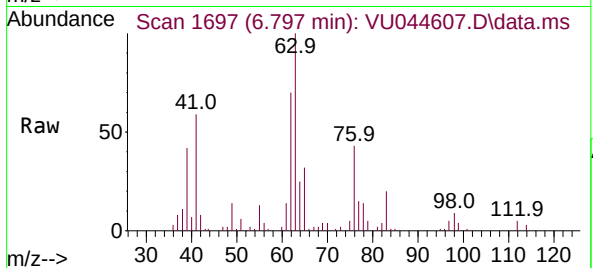


#37

1,2-Dichloropropane
Concen: 4.397 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_U
ClientSampled :

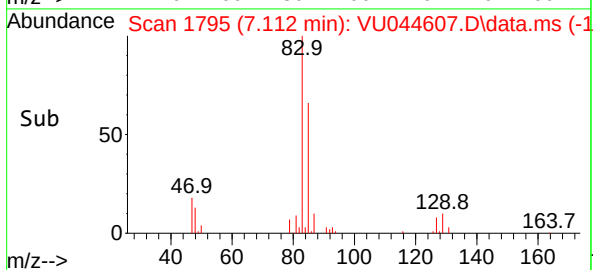
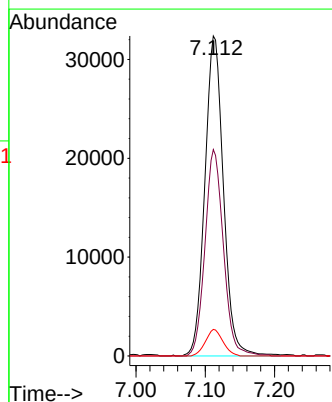
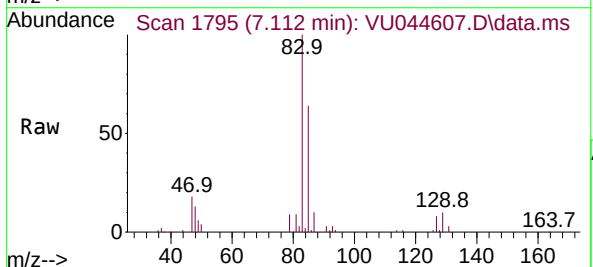
Tgt Ion: 63 Resp: 46434
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9

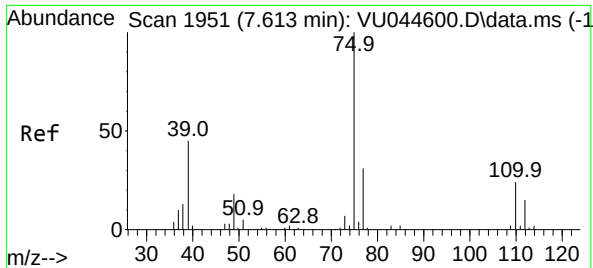


#38

Bromodichloromethane
Concen: 4.651 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 83 Resp: 60306
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
127 8.3 5.9 8.9

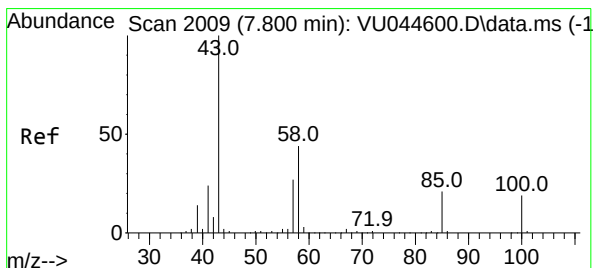
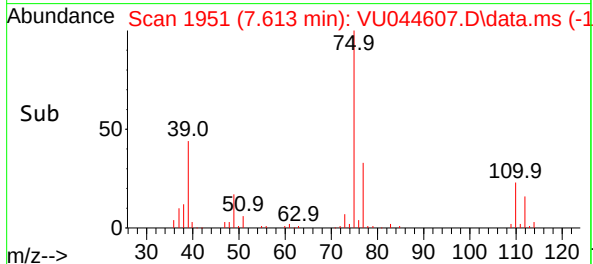
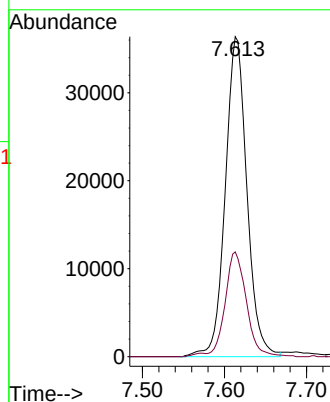
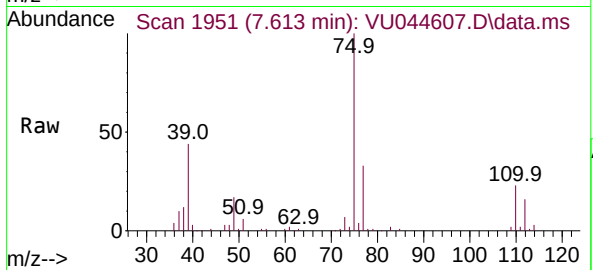




#39
 cis-1,3-Dichloropropene
 Concen: 4.504 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

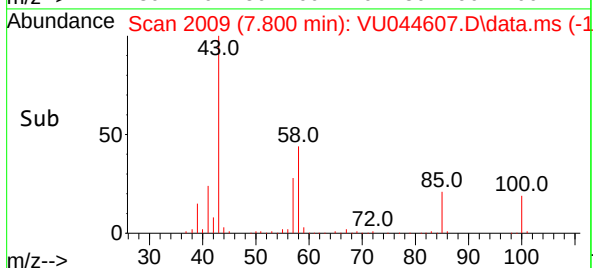
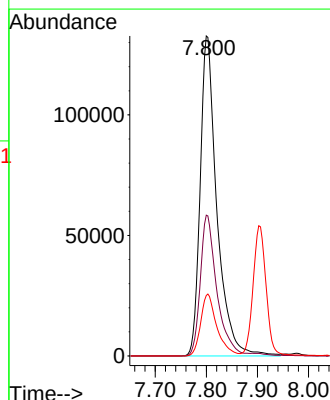
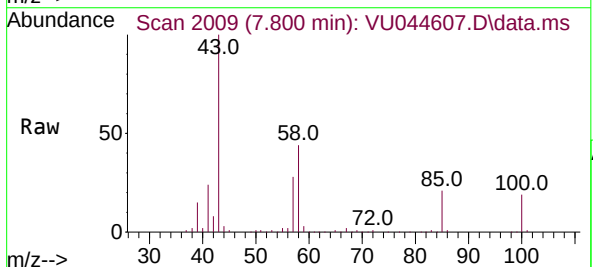
Instrument :
 MSVOA_U
 ClientSampled :

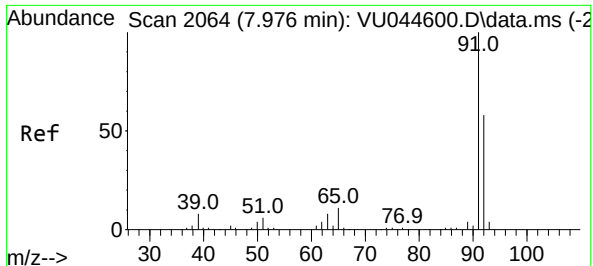
Tgt Ion: 75 Resp: 66710
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 42.132 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

Tgt Ion: 43 Resp: 302118
 Ion Ratio Lower Upper
 43 100
 58 43.5 32.5 48.7
 100 18.7 12.3 18.5#

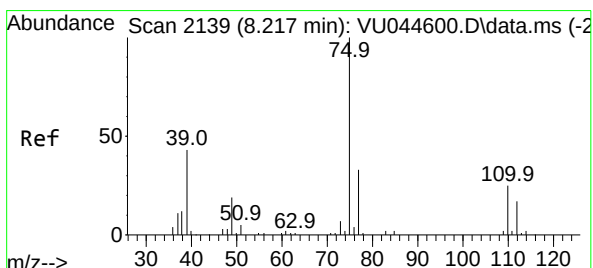
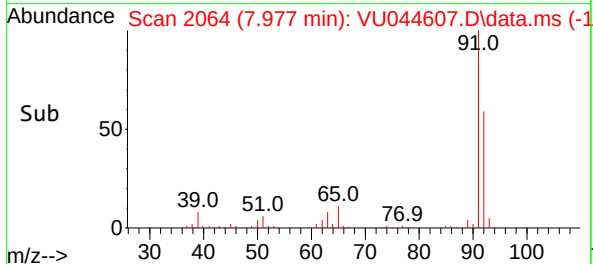
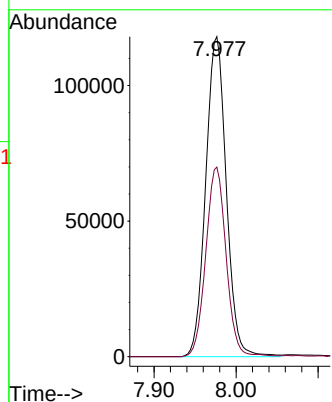
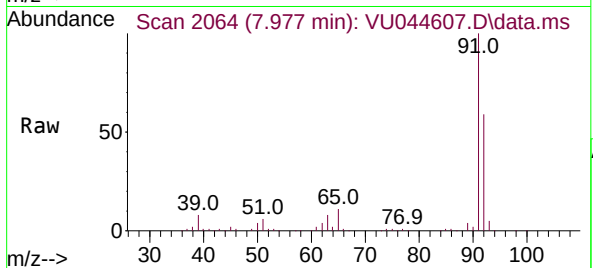




#42
Toluene
Concen: 4.896 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

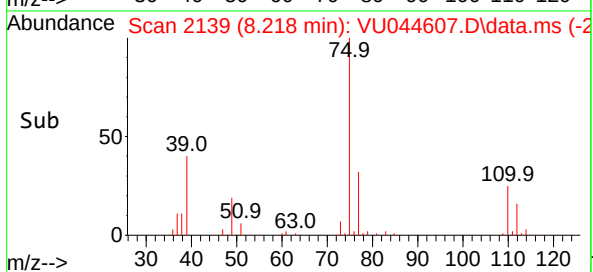
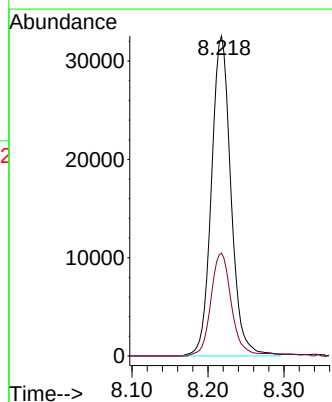
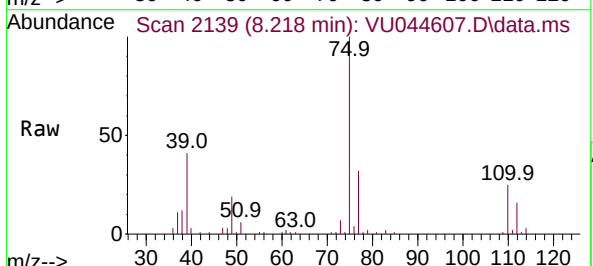
Instrument :
MSVOA_U
ClientSampled :

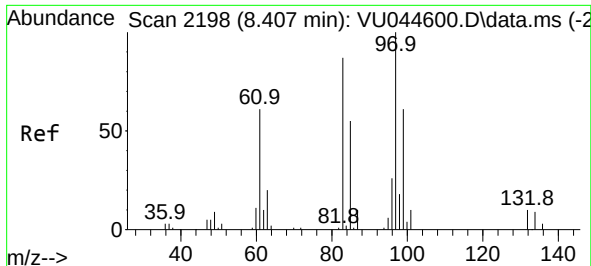
Tgt Ion: 91 Resp: 205678
Ion Ratio Lower Upper
91 100
92 59.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.627 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 75 Resp: 58080
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2

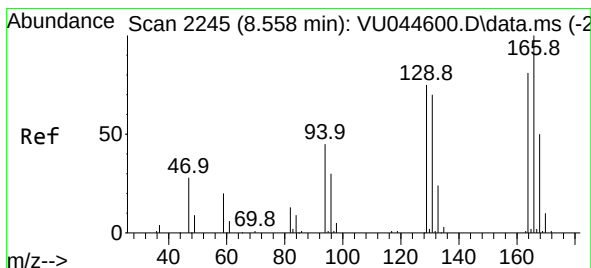
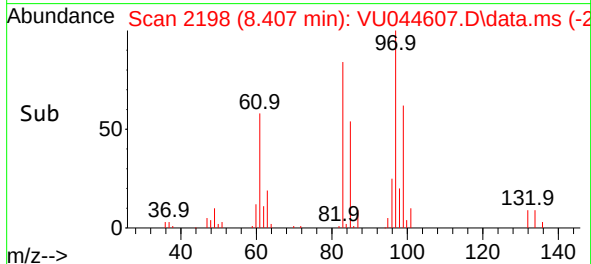
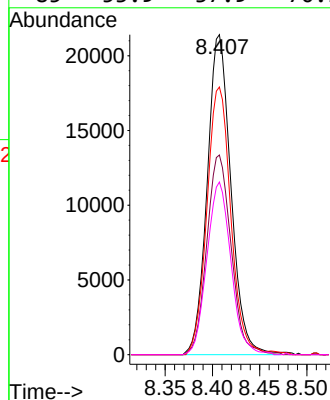
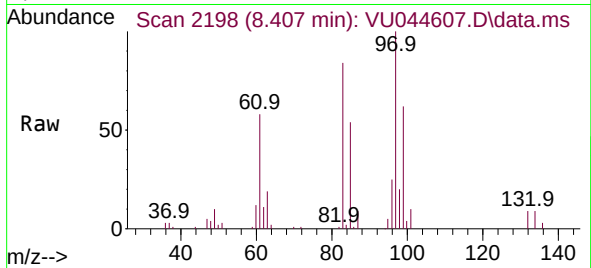




#45
1,1,2-Trichloroethane
Concen: 4.966 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

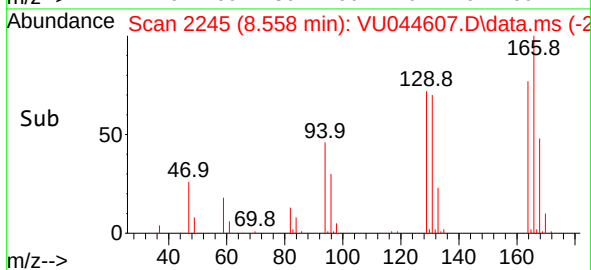
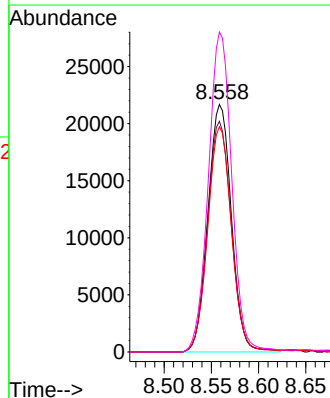
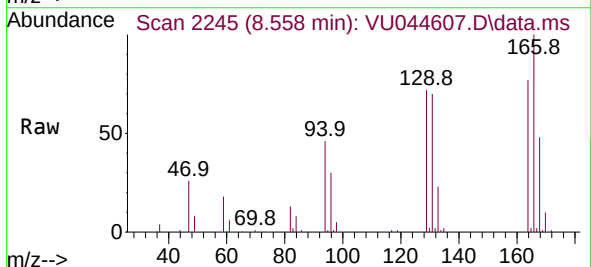
Instrument :
MSVOA_U
ClientSampleId :

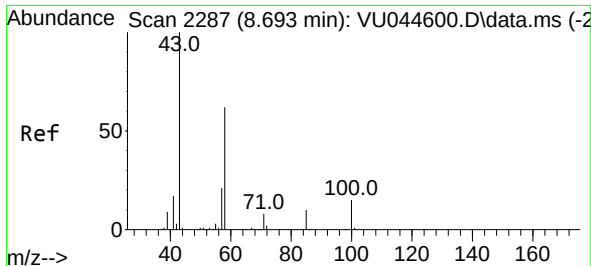
Tgt Ion:	97	Resp:	37397
Ion	Ratio	Lower	Upper
97	100		
99	62.4	41.3	76.7
83	83.6	58.6	108.8
85	53.9	37.9	70.5



#47
Tetrachloroethene
Concen: 5.456 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:	164	Resp:	37616
Ion	Ratio	Lower	Upper
164	100		
129	93.2	71.0	131.8
131	91.0	68.0	126.4
166	129.3	89.0	165.4

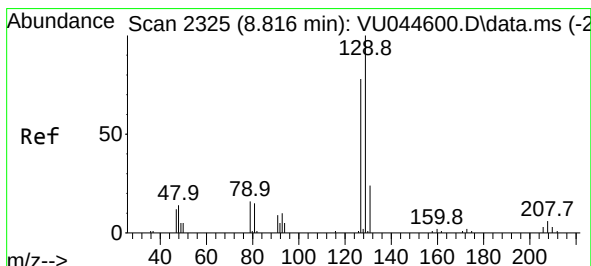
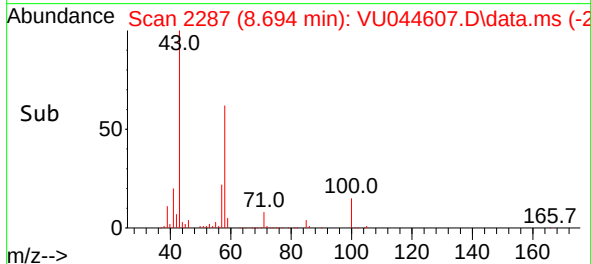
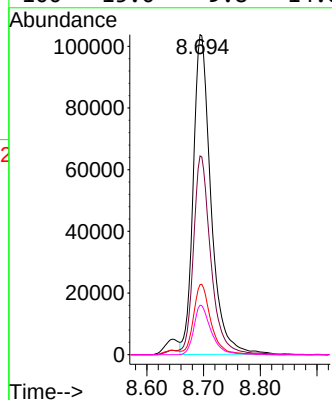
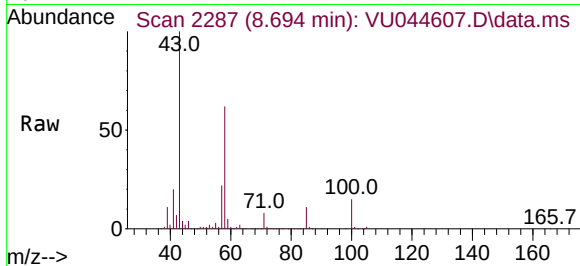




#48
2-Hexanone
Concen: 44.090 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

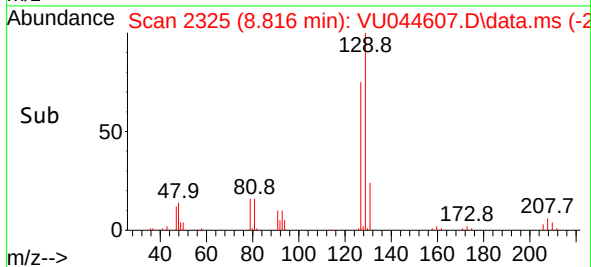
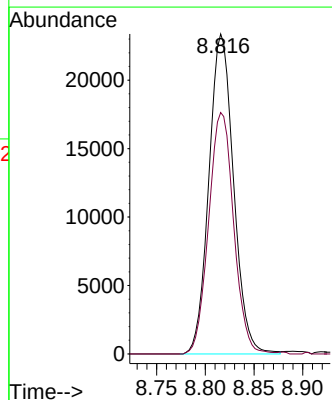
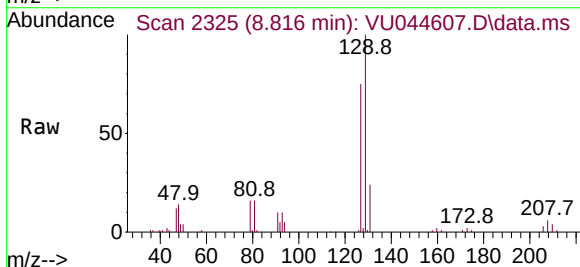
Instrument :
MSVOA_U
ClientSampleId :

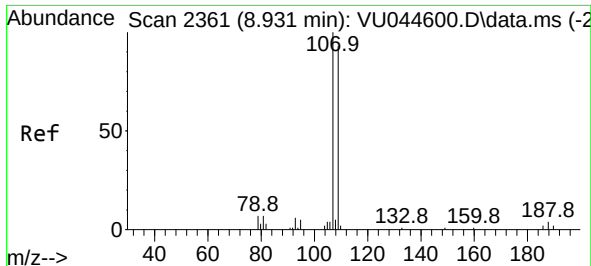
Tgt Ion: 43 Resp: 225596
Ion Ratio Lower Upper
43 100
58 59.1 46.5 69.7
57 21.7 15.8 23.8
100 15.0 9.8 14.8#



#49
Dibromochloromethane
Concen: 5.170 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 129 Resp: 41201
Ion Ratio Lower Upper
129 100
127 75.4 54.7 101.7

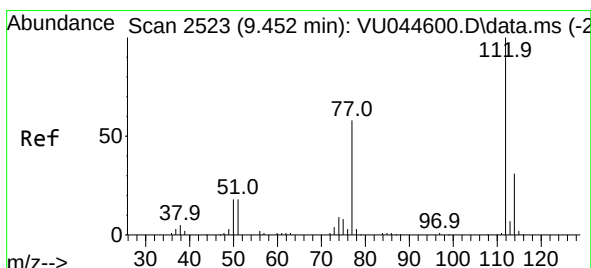
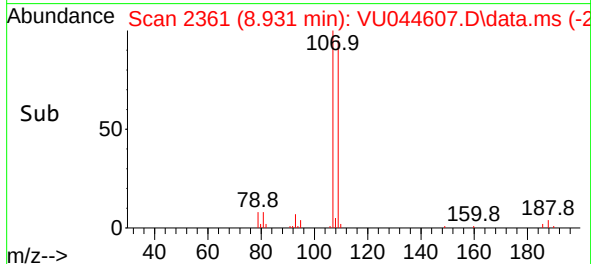
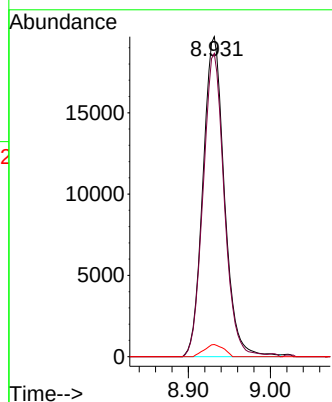
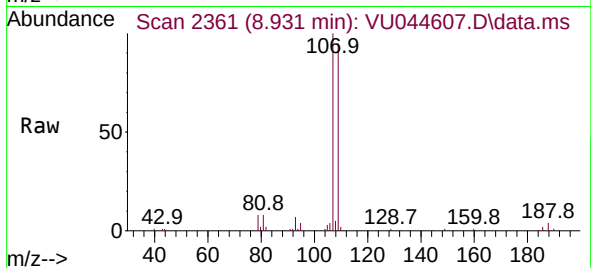




#50
1,2-Dibromoethane
Concen: 4.960 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

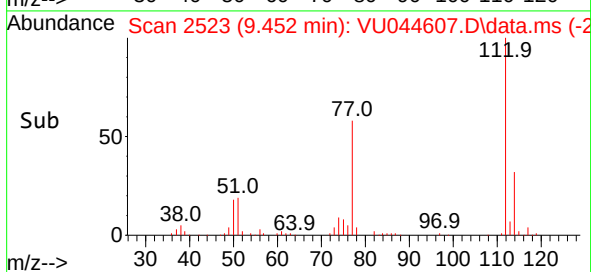
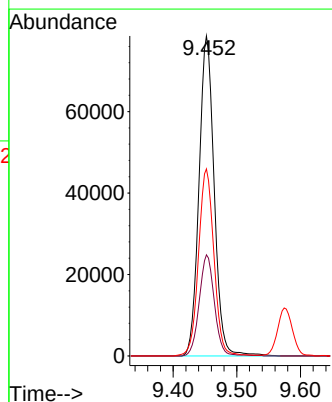
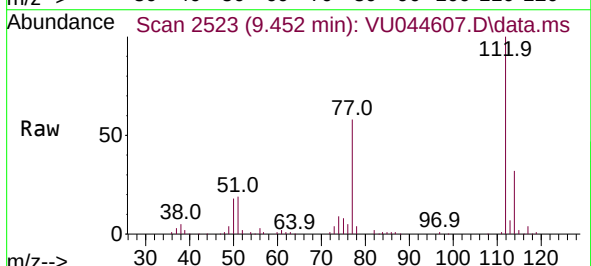
Instrument :
MSVOA_U
ClientSampleId :

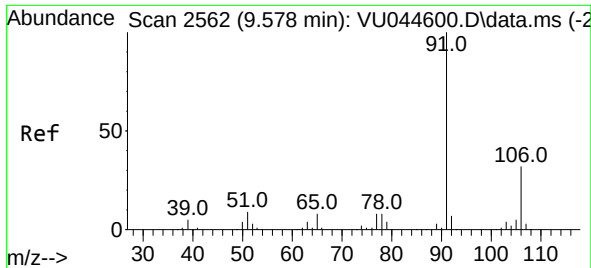
Tgt Ion:107 Resp: 35733
Ion Ratio Lower Upper
107 100
109 94.8 65.2 121.0
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 5.056 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:112 Resp: 130351
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 58.5 51.3 76.9

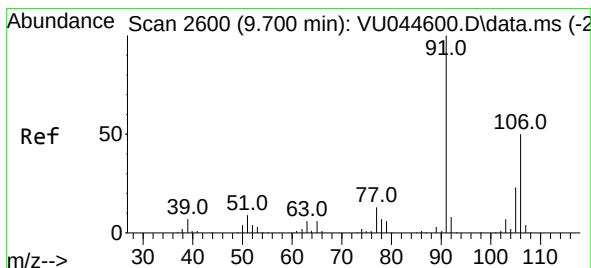
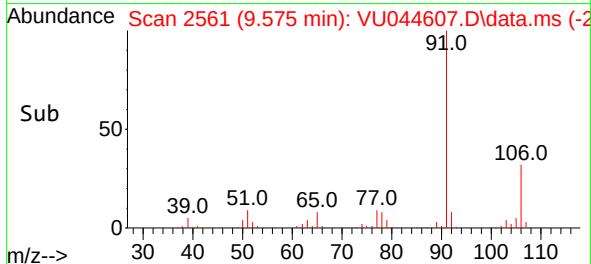
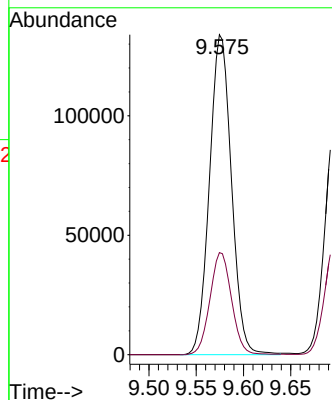
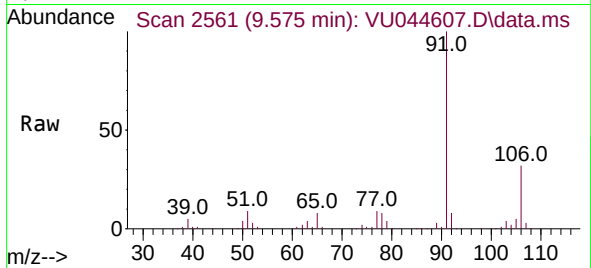




#52
Ethylbenzene
Concen: 4.878 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

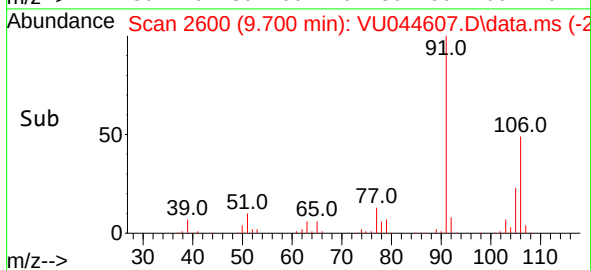
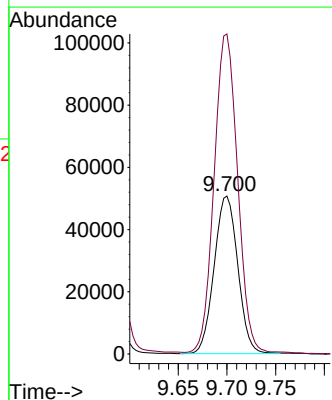
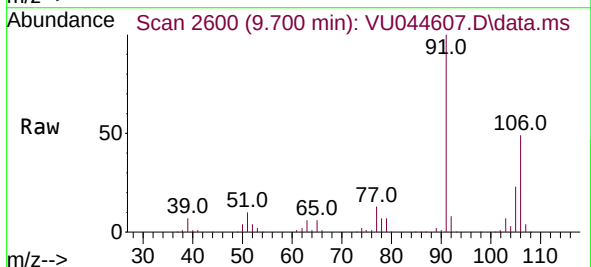
Instrument :
MSVOA_U
ClientSampled :

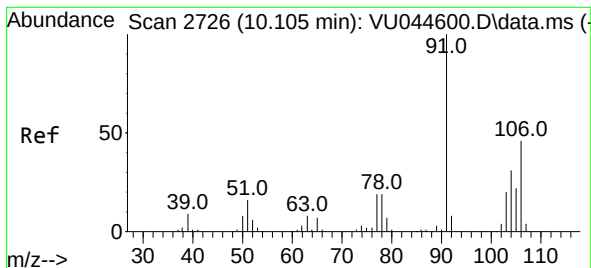
Tgt Ion: 91 Resp: 216480
Ion Ratio Lower Upper
91 100
106 31.9 21.3 39.6



#53
m,p-Xylene
Concen: 5.127 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 106 Resp: 85544
Ion Ratio Lower Upper
106 100
91 202.7 146.2 271.6

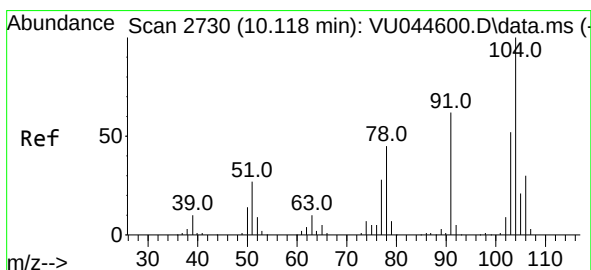
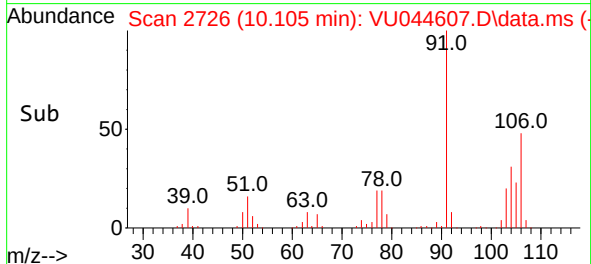
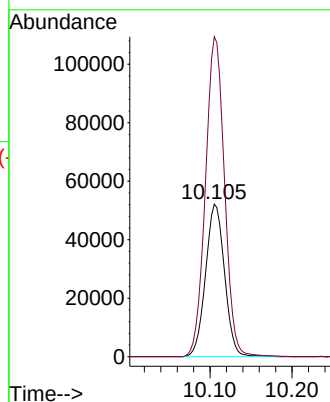
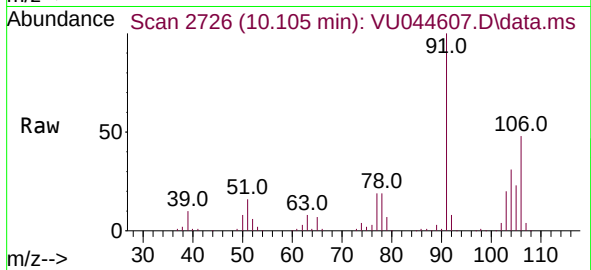




#54
o-Xylene
Concen: 5.165 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

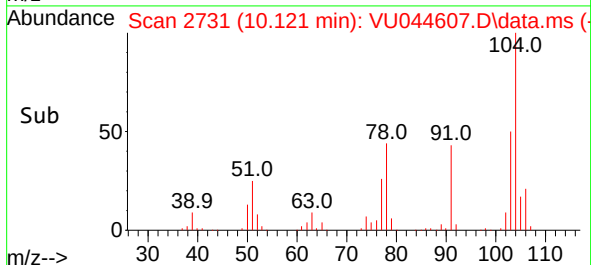
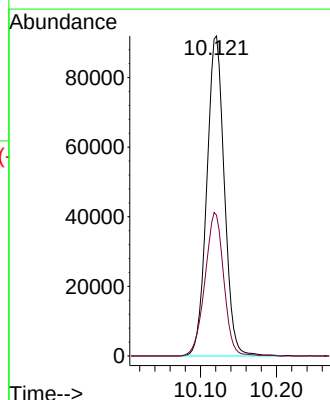
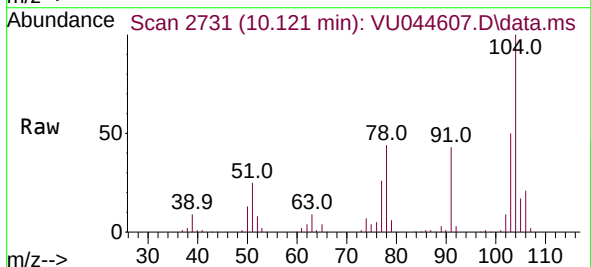
Instrument :
MSVOA_U
ClientSampled :

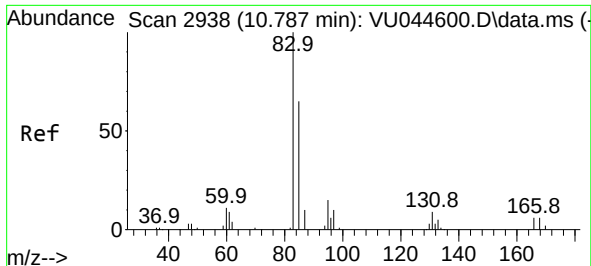
Tgt Ion:106 Resp: 83938
Ion Ratio Lower Upper
106 100
91 209.9 154.4 286.8



#55
Styrene
Concen: 5.525 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:104 Resp: 147212
Ion Ratio Lower Upper
104 100
78 44.0 32.6 60.5

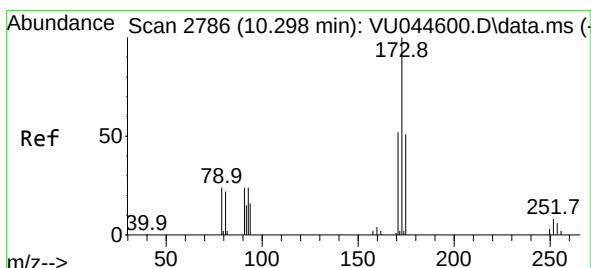
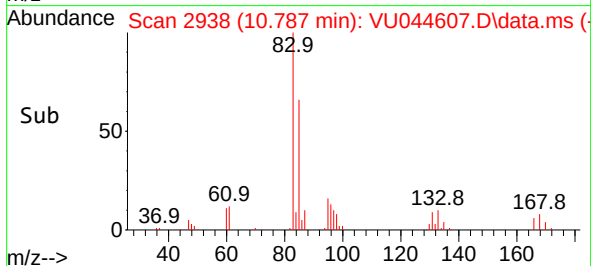
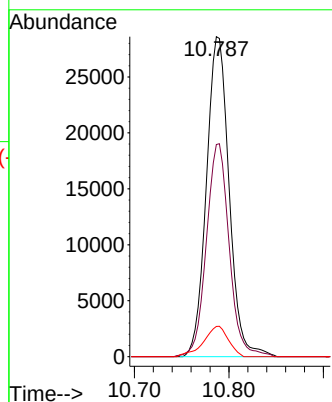
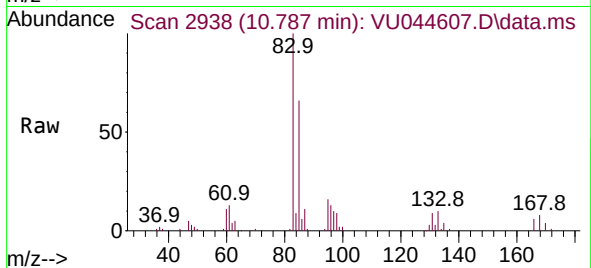




#57
1,1,2,2-Tetrachloroethane
Concen: 4.813 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

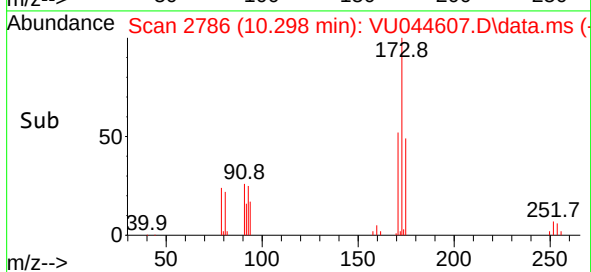
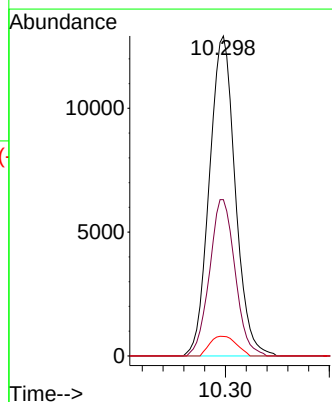
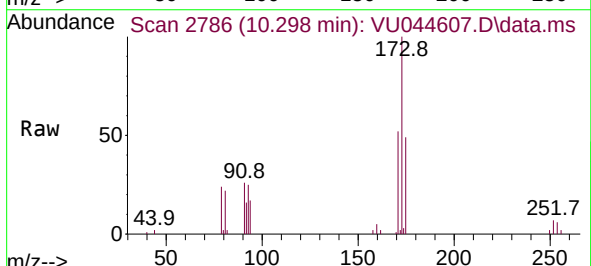
Instrument :
MSVOA_U
ClientSampled :

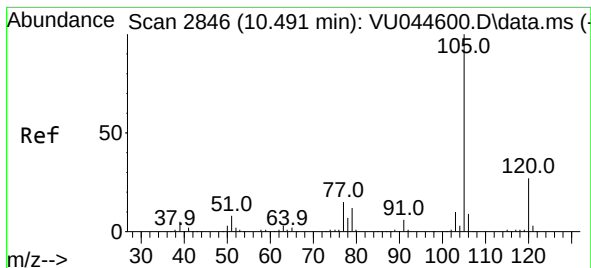
Tgt Ion: 83 Resp: 47729
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.2
131 9.4 6.9 10.3



#59
Bromoform
Concen: 4.701 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:173 Resp: 22266
Ion Ratio Lower Upper
173 100
175 48.3 38.0 57.0
254 6.3 4.3 6.5





#60

Isopropylbenzene

Concen: 4.472 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

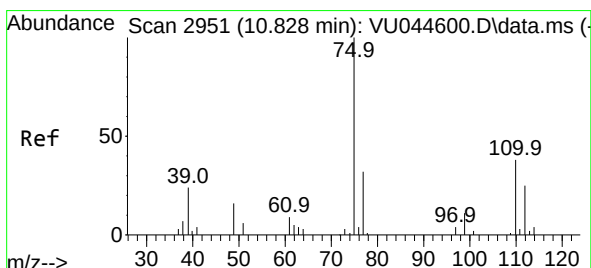
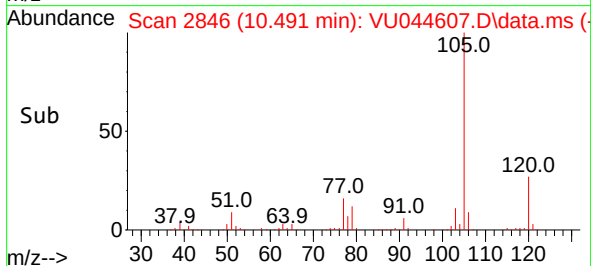
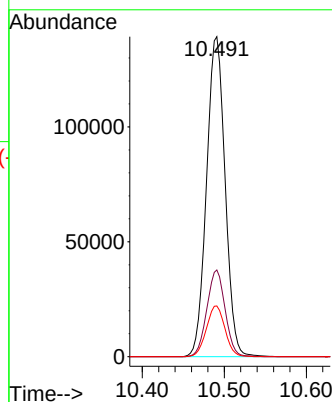
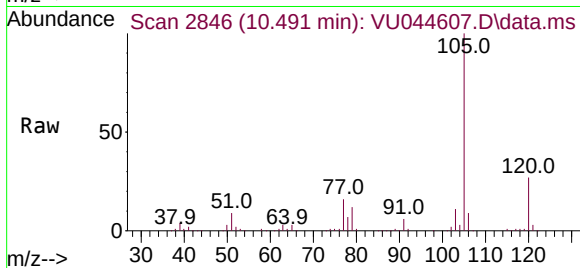
Tgt Ion:105 Resp: 218793

Ion Ratio Lower Upper

105 100

120 26.7 20.1 30.1

77 15.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 4.089 ug/L

RT: 10.828 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

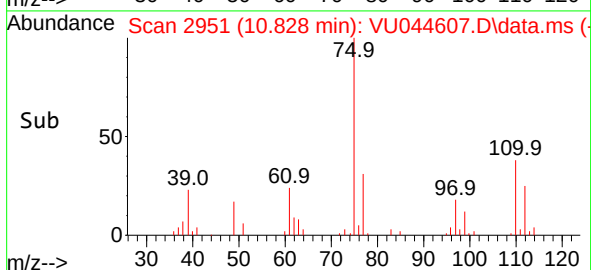
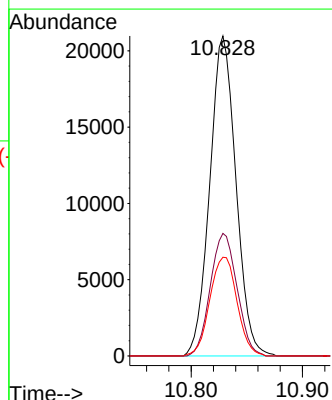
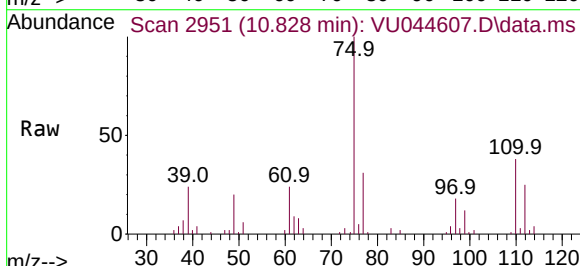
Tgt Ion: 75 Resp: 34255

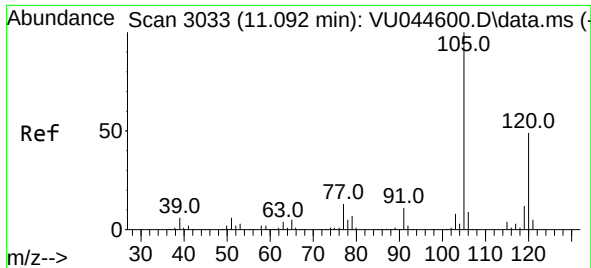
Ion Ratio Lower Upper

75 100

110 39.0 28.4 42.6

77 32.1 26.5 39.7

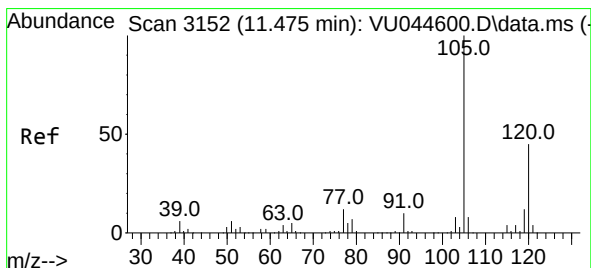
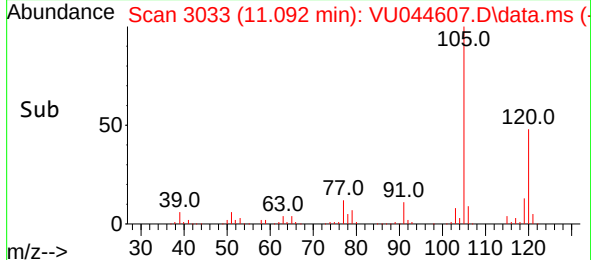
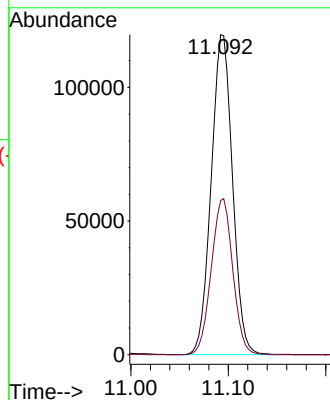
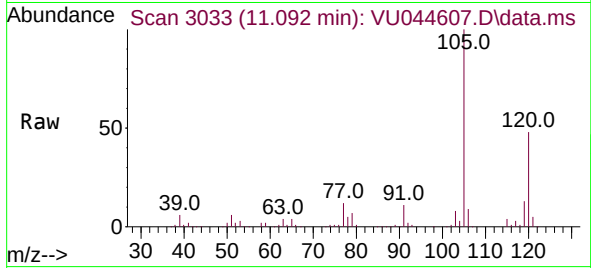




#62
1,3,5-Trimethylbenzene
Concen: 4.548 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

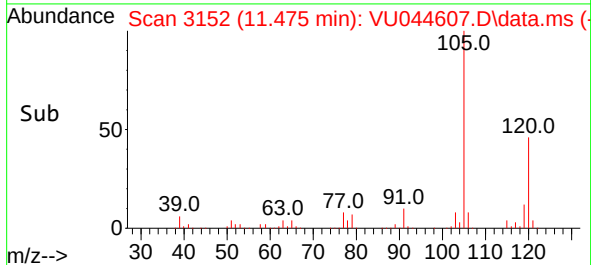
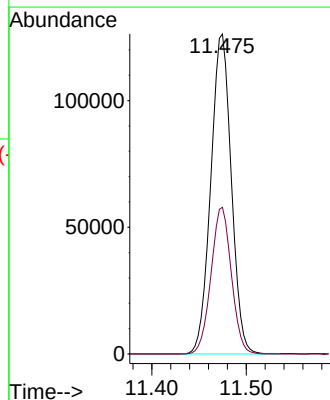
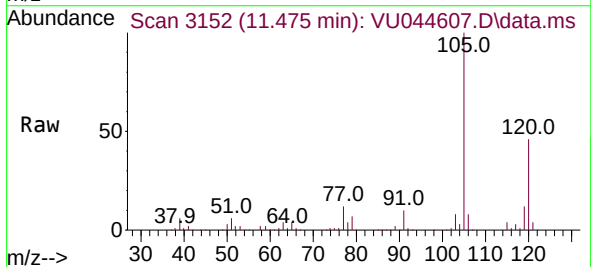
Instrument :
MSVOA_U
ClientSampled :

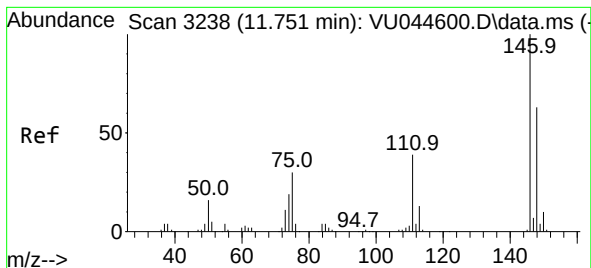
Tgt Ion:105 Resp: 181920
Ion Ratio Lower Upper
105 100
120 49.1 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 4.647 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:105 Resp: 190605
Ion Ratio Lower Upper
105 100
120 45.3 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 5.006 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

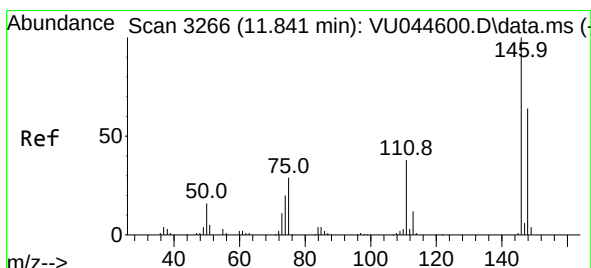
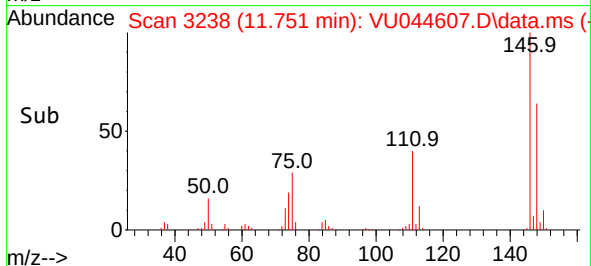
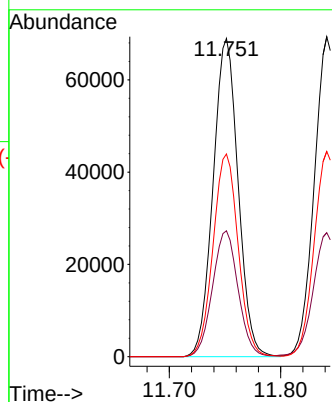
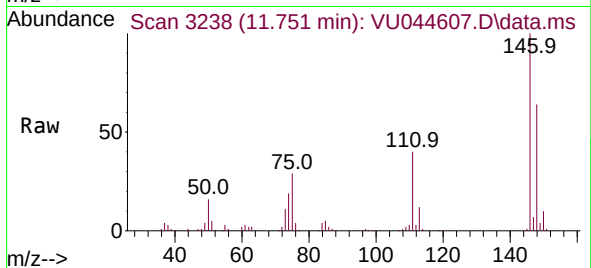
Tgt Ion:146 Resp: 107532

Ion Ratio Lower Upper

146 100

111 39.6 29.6 55.0

148 63.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.030 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU044607.D

Acq: 08 Sep 2021 13:47

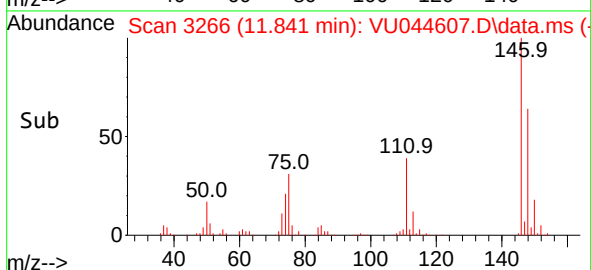
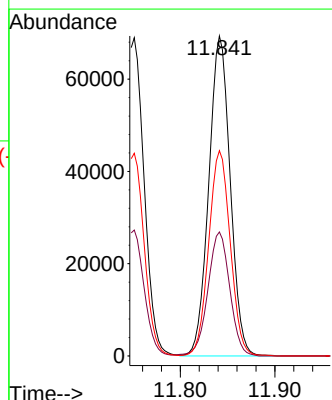
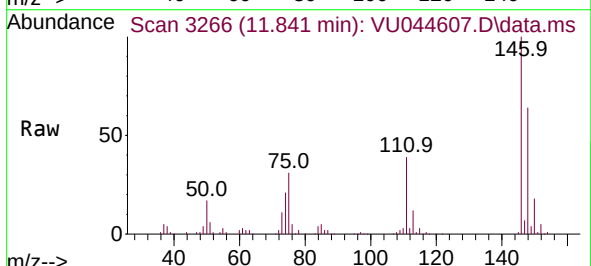
Tgt Ion:146 Resp: 109154

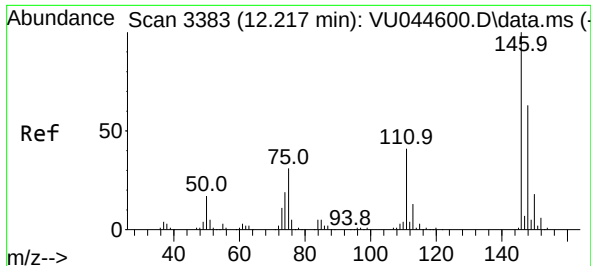
Ion Ratio Lower Upper

146 100

111 38.8 28.8 53.4

148 64.2 43.6 81.0

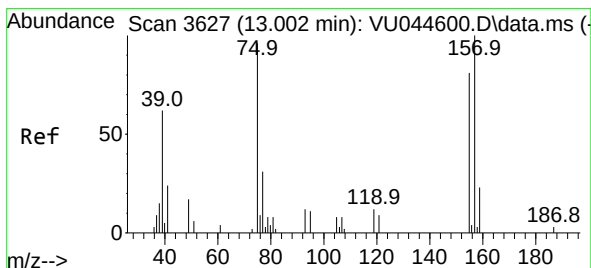
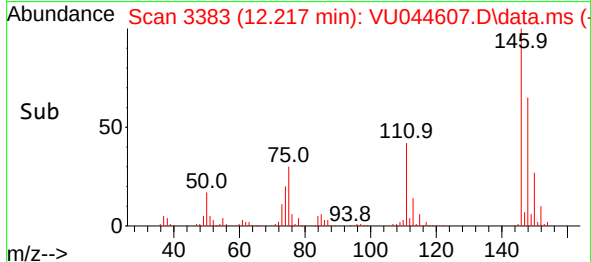
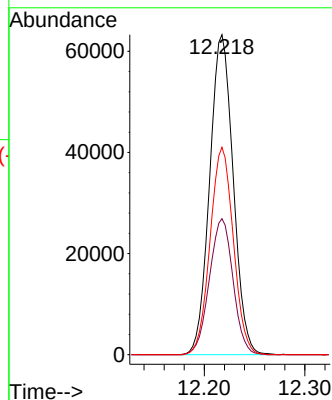
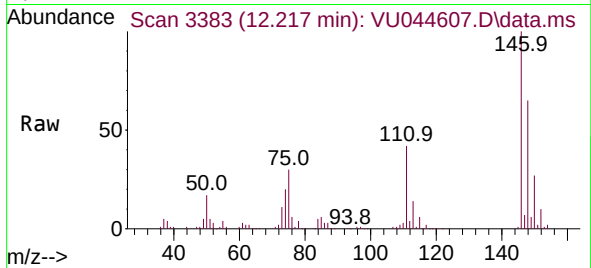




#67
1,2-Dichlorobenzene
Concen: 5.019 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

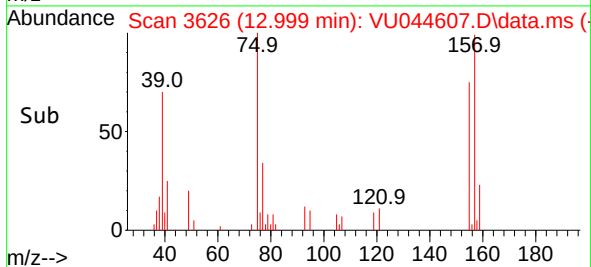
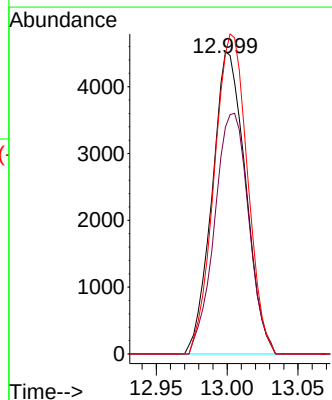
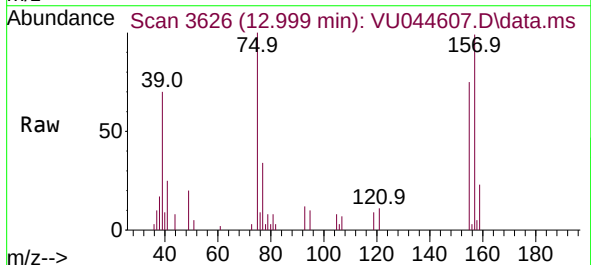
Instrument :
MSVOA_U
ClientSampled :

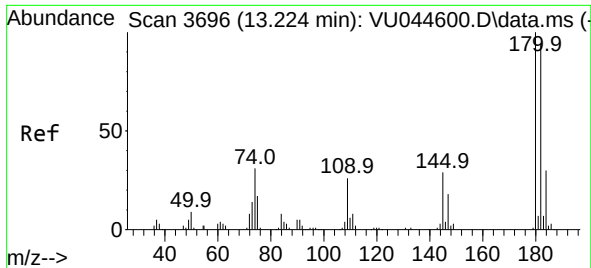
Tgt Ion:146 Resp: 102749
Ion Ratio Lower Upper
146 100
111 42.5 34.9 52.3
148 64.8 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.325 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion: 75 Resp: 7410
Ion Ratio Lower Upper
75 100
155 75.1 61.2 91.8
157 99.4 74.2 111.2

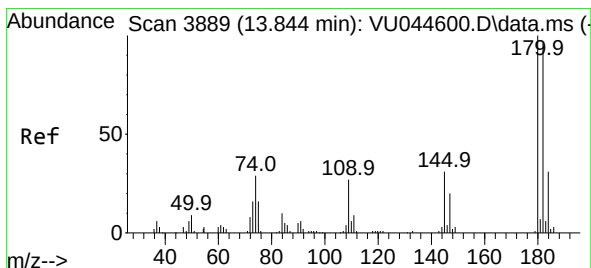
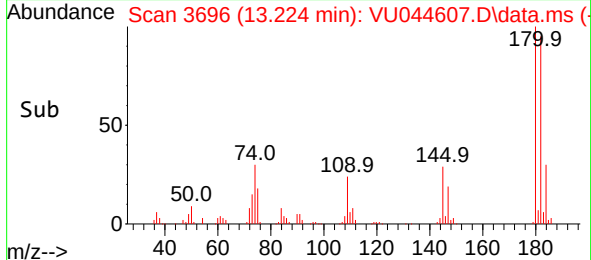
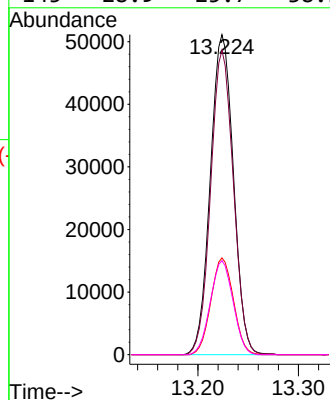
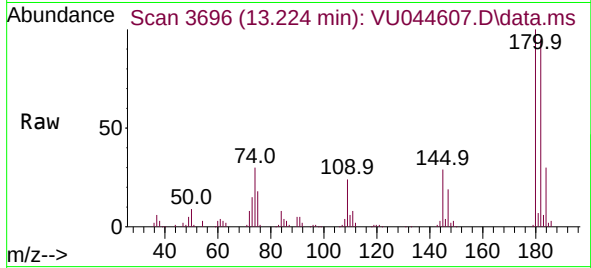




#69
 1,3,5-Trichlorobenzene
 Concen: 5.385 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

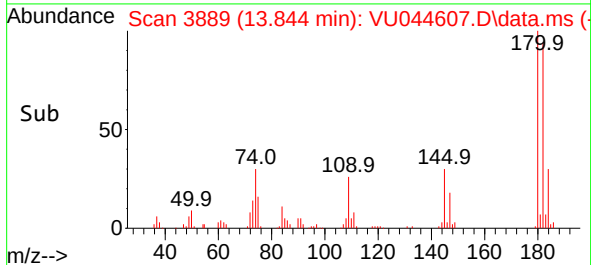
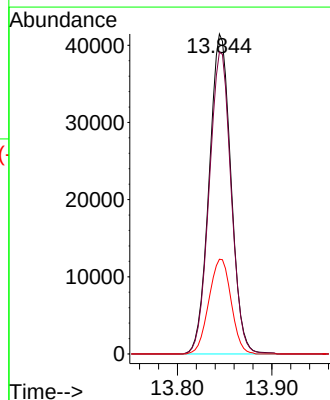
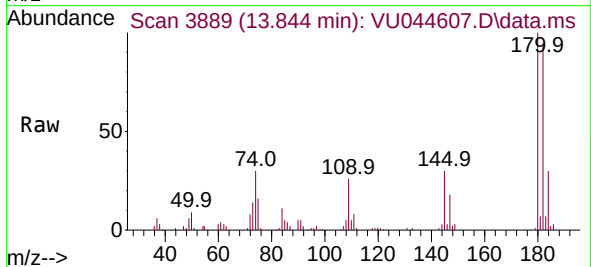
Instrument :
 MSVOA_U
 ClientSampled :

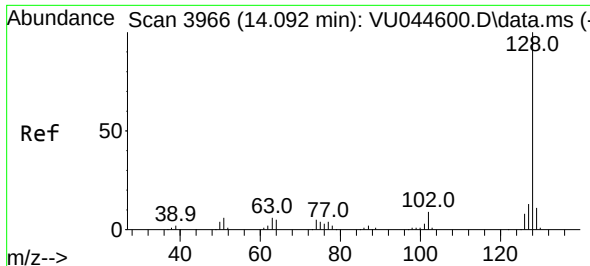
Tgt Ion:	180	Resp:	81447
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.0	112.6
184	29.5	24.3	36.5
145	28.9	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.605 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044607.D
 Acq: 08 Sep 2021 13:47

Tgt Ion:	180	Resp:	66438
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
145	30.2	26.3	39.5

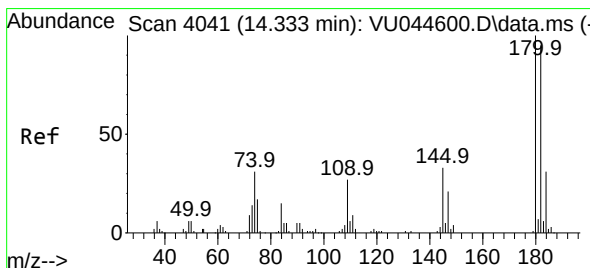
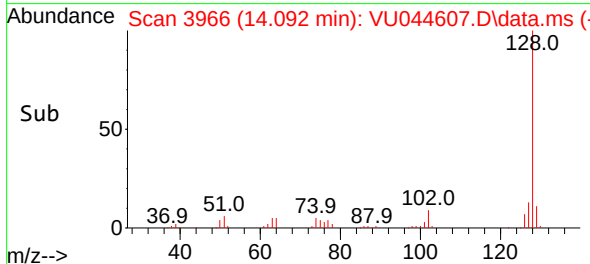
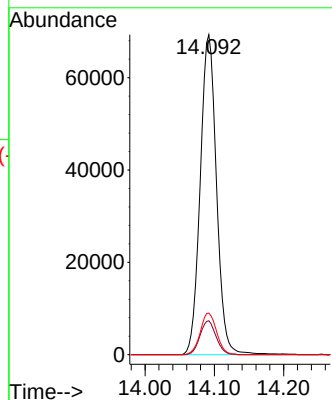
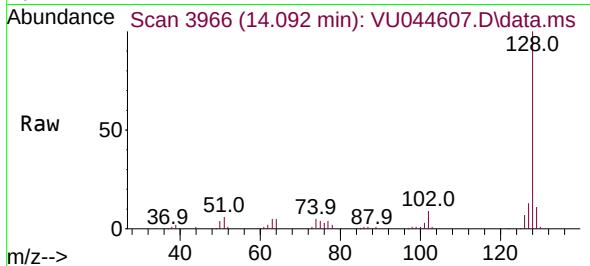




#71
Naphthalene
Concen: 5.009 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 113211
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.629 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044607.D
Acq: 08 Sep 2021 13:47

Tgt Ion:180 Resp: 61093
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 31.8 27.1 40.7

