

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044702.D
 Acq On : 20 Sep 2021 11:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Sep 21 02:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 18 01:28:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	65512	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36268	4.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.919	69	32185	4.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.571	65	16601	4.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.642	46	110724	33.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.780%
24) Chloroform-d	5.073	84	72991	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.710	65	43159	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.735	84	139148	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.700	67	46927	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.906	98	124754	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.185	79	18523	4.841	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.645	63	111567	45.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42753	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	44152	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46864	4.448	ug/L	99
3) Chloromethane	1.523	50	58182	4.594	ug/L	99
5) Vinyl chloride	1.607	62	60911	4.715	ug/L	98
6) Bromomethane	1.864	94	30584	4.620	ug/L	100
8) Chloroethane	1.941	64	40358	4.902	ug/L	99
9) Trichlorofluoromethane	2.144	101	72375	4.975	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	44778	5.015	ug/L	98
12) 1,1-Dichloroethene	2.587	96	40531	4.776	ug/L	92
13) Acetone	2.649	43	88837	41.742	ug/L	86
14) Carbon disulfide	2.800	76	111218	4.139	ug/L	99
15) Methyl Acetate	2.964	43	20985	5.461	ug/L	91
16) Methylene chloride	3.054	84	52603	3.898	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	117656	5.015	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	43428	4.814	ug/L	98
19) 1,1-Dichloroethane	3.880	63	93524	5.127	ug/L	99
21) 2-Butanone	4.722	43	188716	53.107	ug/L	91
22) cis-1,2-Dichloroethene	4.677	96	49427	4.970	ug/L	98
23) Bromochloromethane	4.983	128	20721	4.918	ug/L	93
25) Chloroform	5.095	83	93725	4.822	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

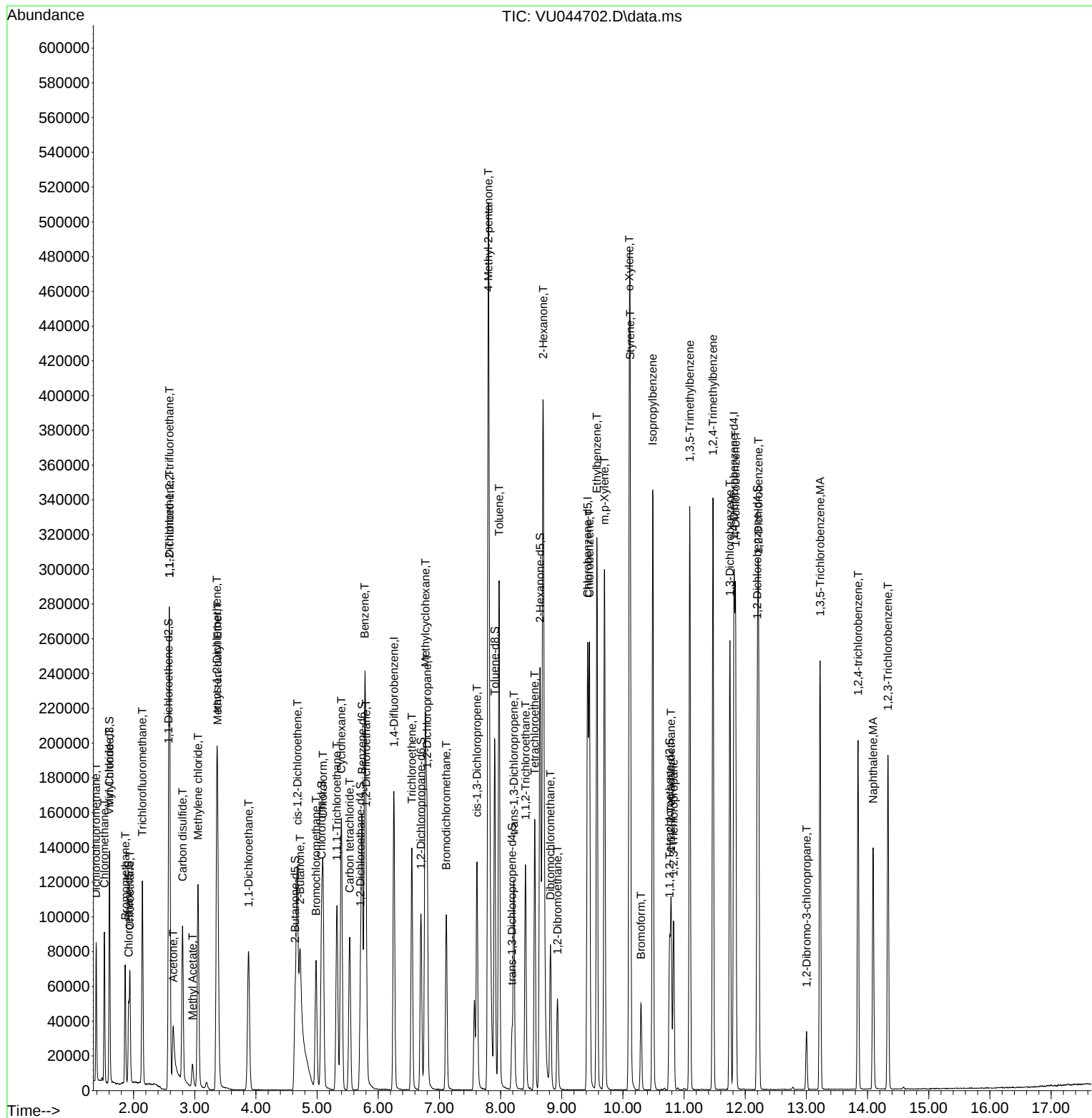
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67837	5.331	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	74603	5.282	ug/L	99
30) Cyclohexane	5.398	56	76682	4.740	ug/L	99
31) Carbon tetrachloride	5.533	117	56387	5.101	ug/L	100
33) Benzene	5.780	78	197027	5.121	ug/L	100
34) Trichloroethene	6.549	95	47160	4.952	ug/L	99
35) Methylcyclohexane	6.771	83	73103	4.671	ug/L	98
37) 1,2-Dichloropropane	6.800	63	55818	5.415	ug/L	99
38) Bromodichloromethane	7.111	83	67476	5.398	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	75447	5.166	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	448275	55.865	ug/L	99
42) Toluene	7.976	91	206604	5.142	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	64551	5.180	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	39349	5.368	ug/L	98
47) Tetrachloroethene	8.558	164	31747	4.801	ug/L	97
48) 2-Hexanone	8.697	43	331593	55.519	ug/L	99
49) Dibromochloromethane	8.816	129	40667	5.281	ug/L	99
50) 1,2-Dibromoethane	8.931	107	35474	5.141	ug/L	99
51) Chlorobenzene	9.452	112	122786	4.929	ug/L	97
52) Ethylbenzene	9.574	91	216668	4.978	ug/L	98
53) m,p-Xylene	9.700	106	81635	4.933	ug/L	100
54) o-Xylene	10.105	106	80094	5.066	ug/L	98
55) Styrene	10.121	104	140331	5.071	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	53855	5.472	ug/L	99
59) Bromoform	10.295	173	21173	5.200	ug/L	98
60) Isopropylbenzene	10.487	105	212123	5.173	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	40405	5.582	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	174032	5.110	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	180166	5.151	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	95574	4.999	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	97503	4.943	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	93210	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8849	5.559	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	68567	4.717	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	55171	4.500	ug/L	100
71) Naphthalene	14.092	128	106906	4.469	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	52756	4.674	ug/L	99

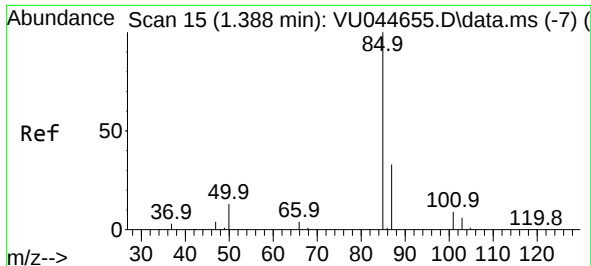
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005114

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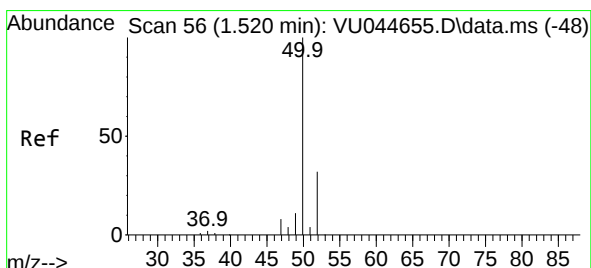
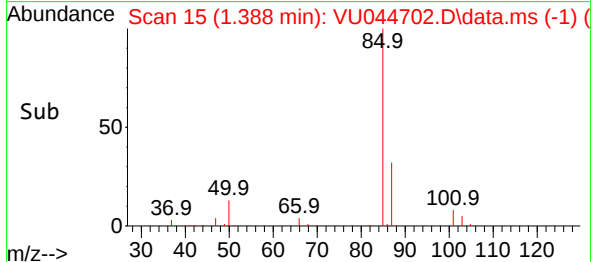
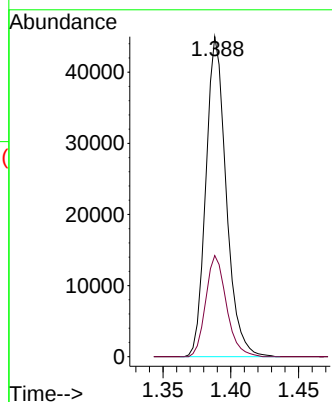
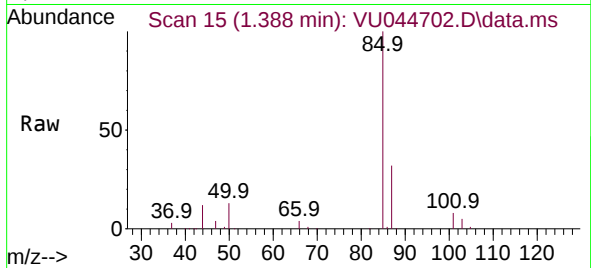




#2
Dichlorodifluoromethane
Concen: 4.448 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

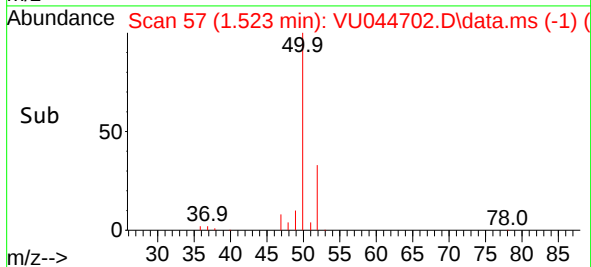
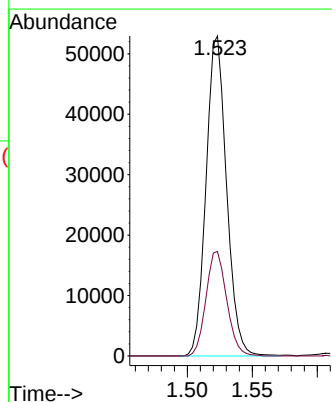
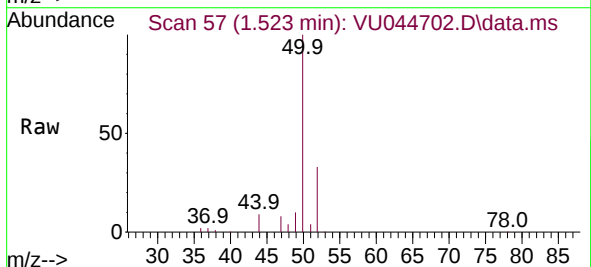
Instrument :
MSVOA_U
ClientSampled :
VSTD005114

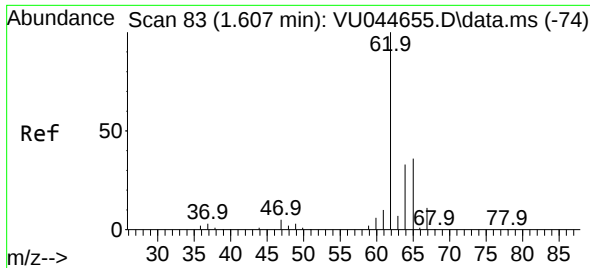
Tgt Ion: 85 Resp: 46864
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0



#3
Chloromethane
Concen: 4.594 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 50 Resp: 58182
Ion Ratio Lower Upper
50 100
52 32.7 22.6 42.0

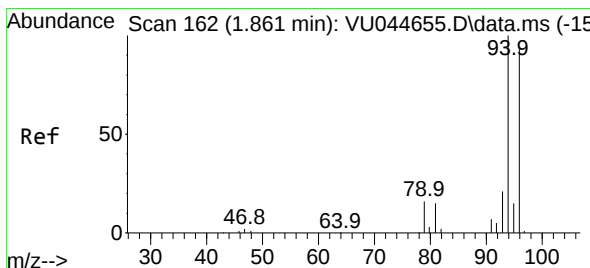
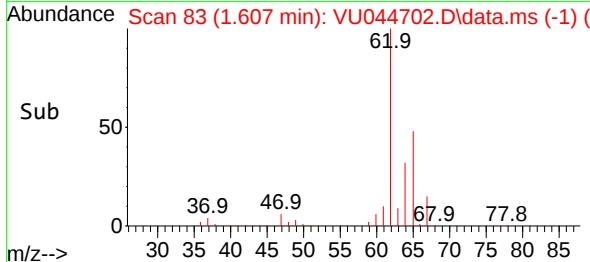
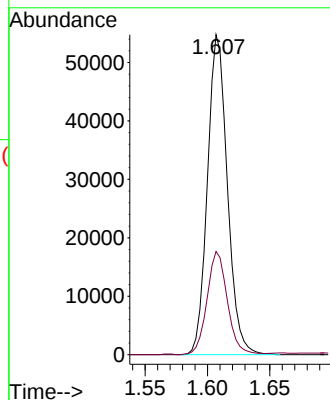
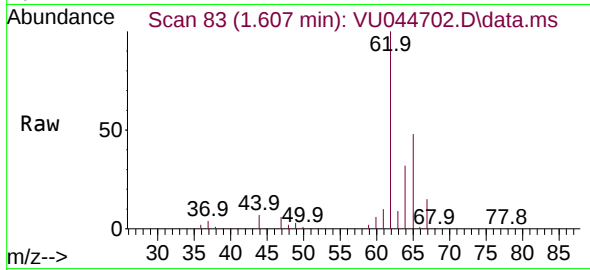




#5
 Vinyl chloride
 Concen: 4.715 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

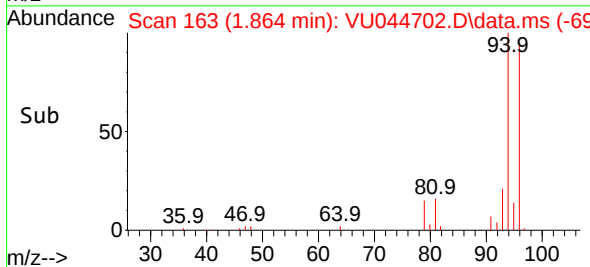
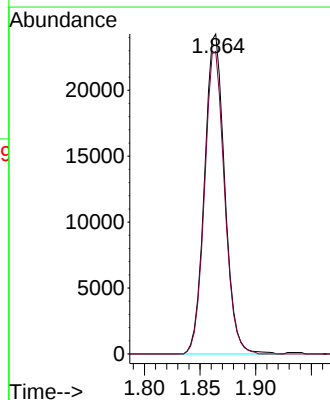
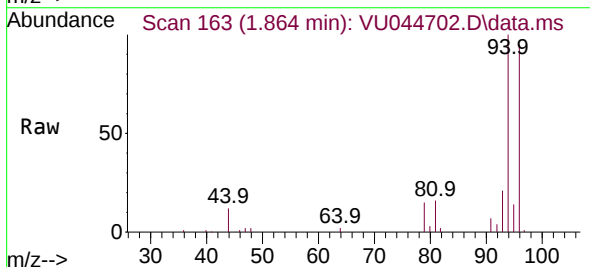
Instrument :
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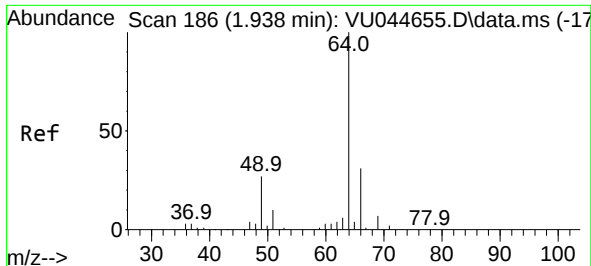
Tgt Ion: 62 Resp: 60911
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.0 40.8



#6
 Bromomethane
 Concen: 4.620 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

Tgt Ion: 94 Resp: 30584
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.4 123.4

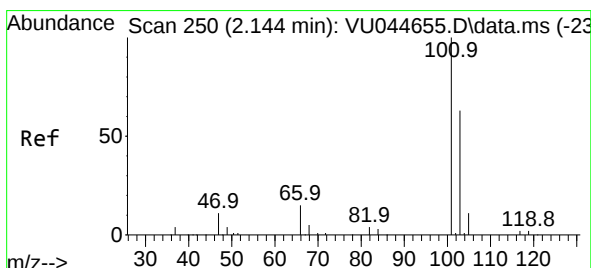
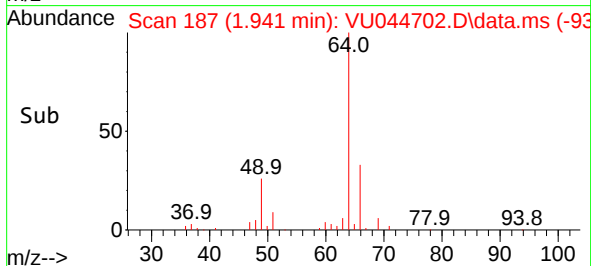
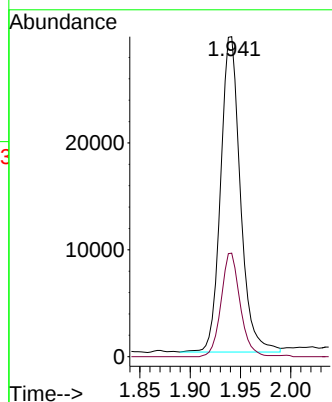
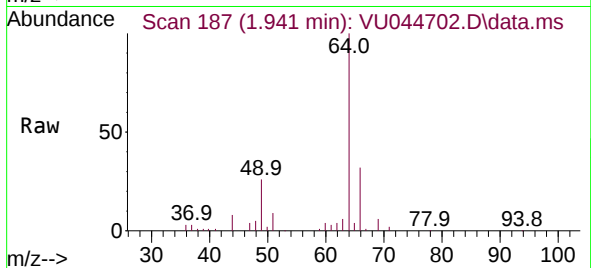




#8
Chloroethane
Concen: 4.902 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

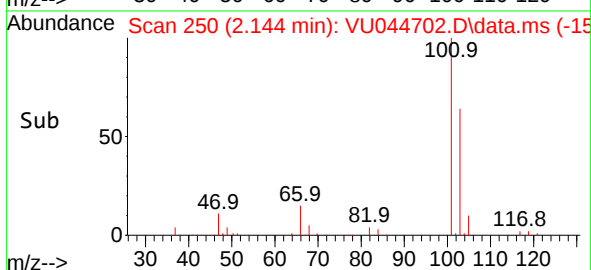
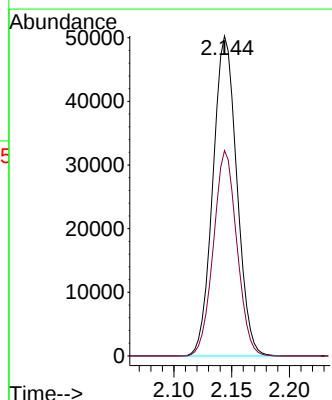
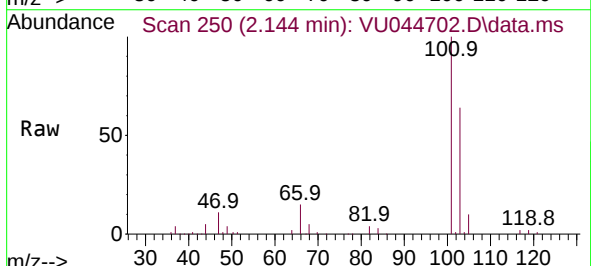
Instrument :
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ClientSampleId :
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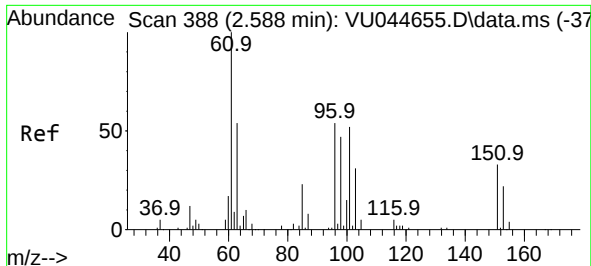
Tgt Ion: 64 Resp: 40358
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.975 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:101 Resp: 72375
Ion Ratio Lower Upper
101 100
103 62.9 51.2 76.8

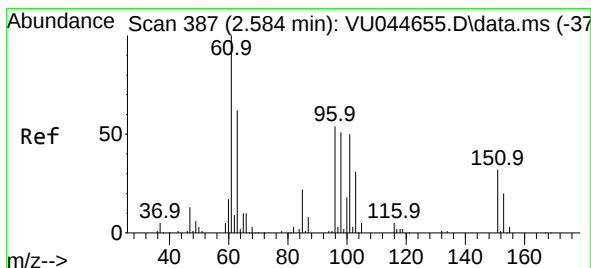
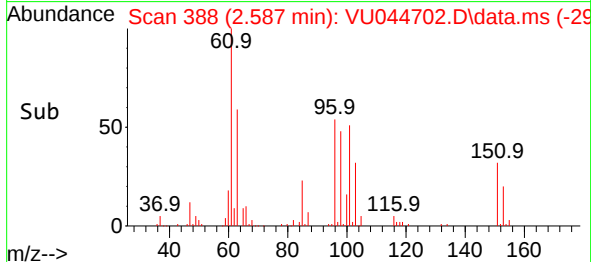
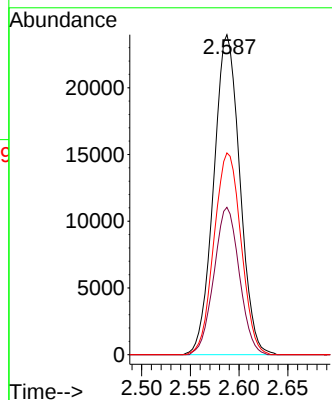
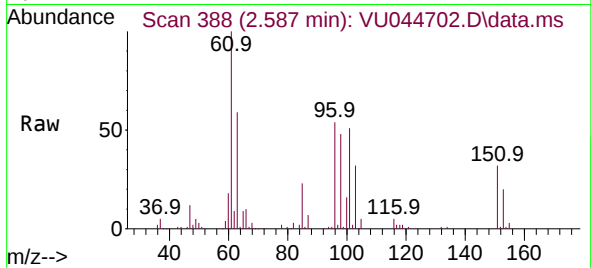




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.015 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

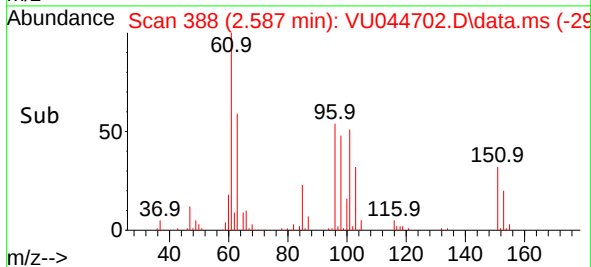
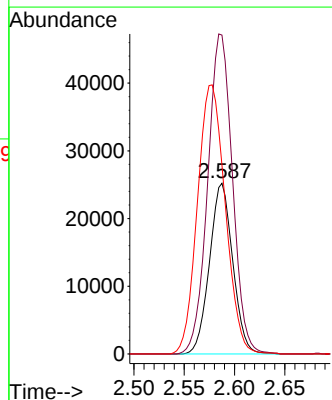
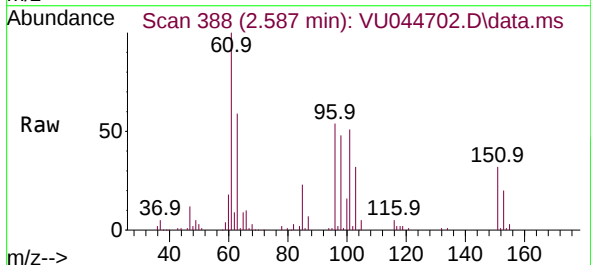
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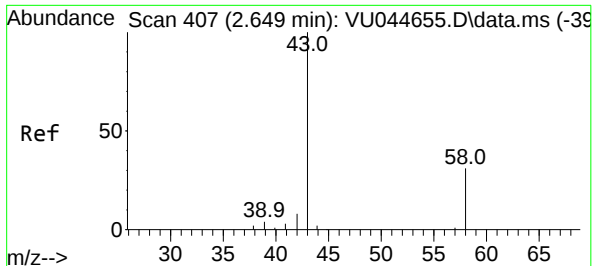
Tgt Ion:101 Resp: 44778
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 65.2 53.9 80.9



#12
1,1-Dichloroethene
Concen: 4.776 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 96 Resp: 40531
Ion Ratio Lower Upper
96 100
61 186.8 129.3 240.1
63 110.6 91.3 169.5

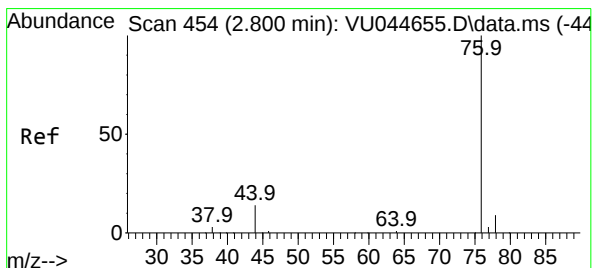
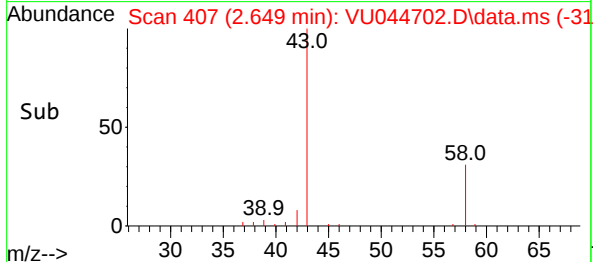
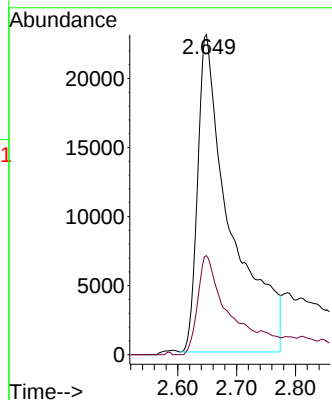
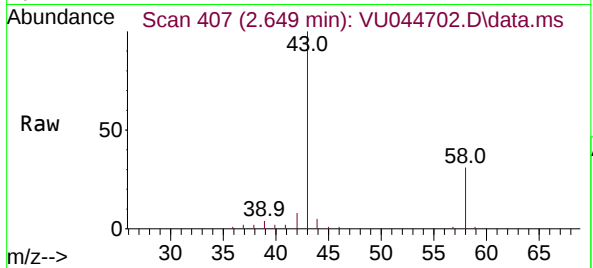




#13
Acetone
Concen: 41.742 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

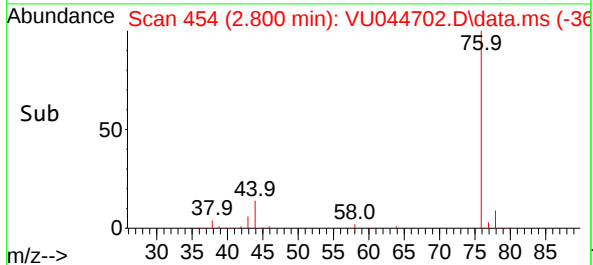
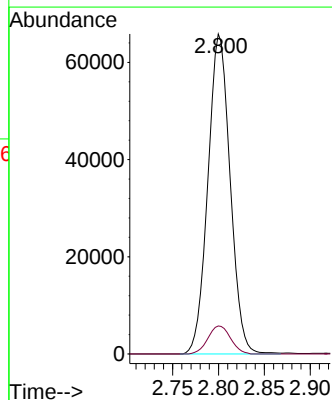
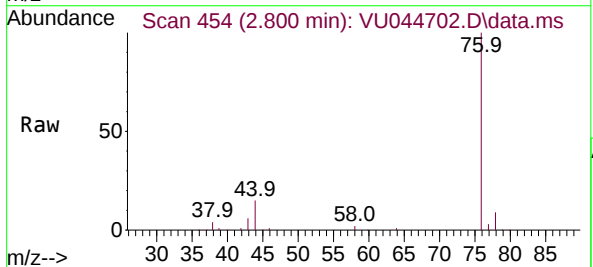
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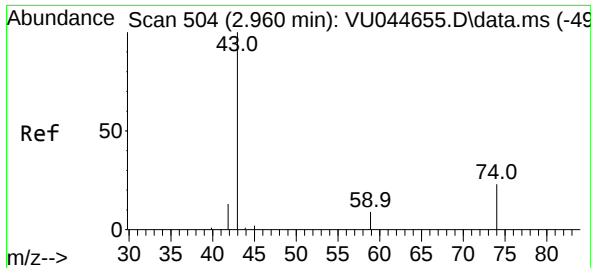
Tgt Ion: 43 Resp: 88837
Ion Ratio Lower Upper
43 100
58 27.8 0.0 42.4



#14
Carbon disulfide
Concen: 4.139 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 76 Resp: 111218
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

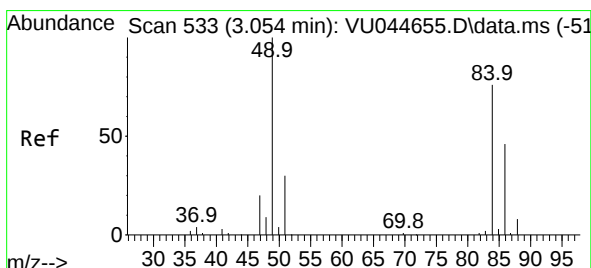
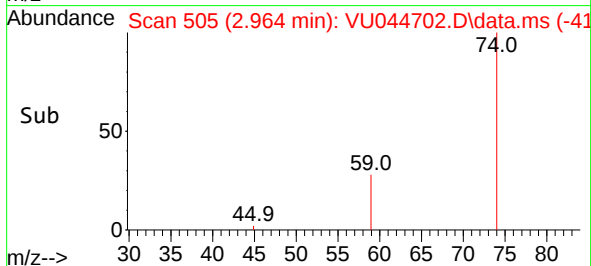
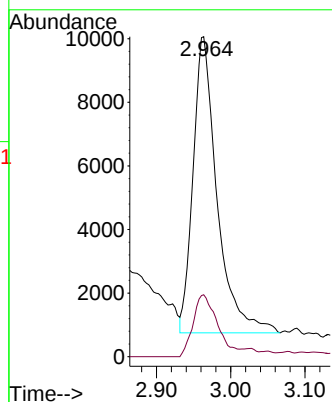
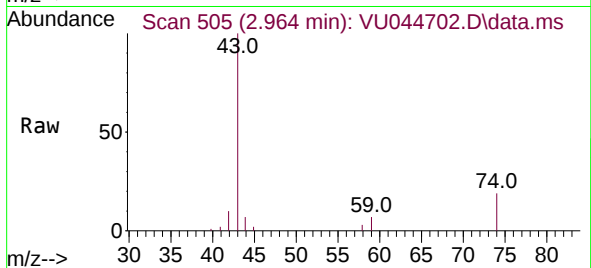




#15
Methyl Acetate
Concen: 5.461 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

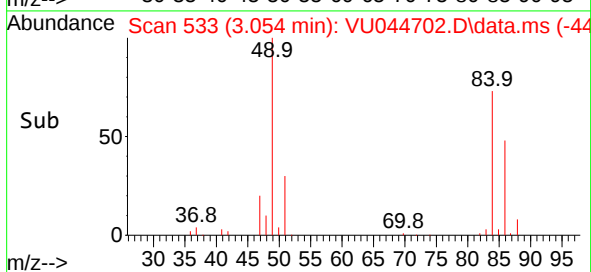
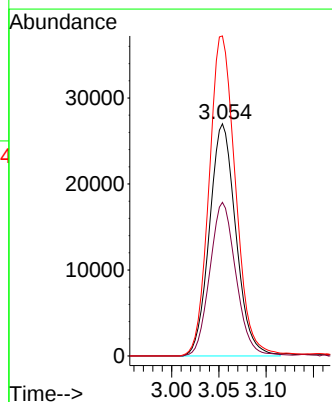
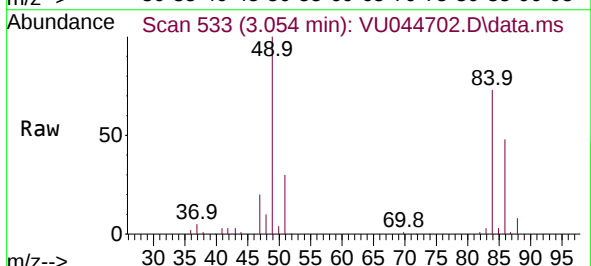
Instrument :
MSVOA_U
ClientSampled :
VSTD005114

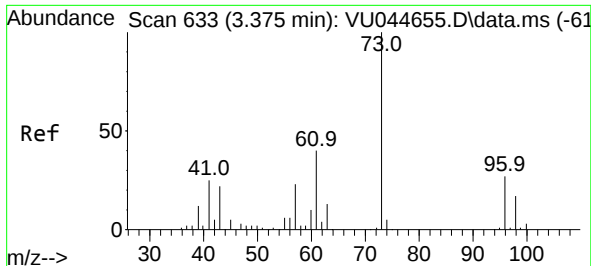
Tgt Ion: 43 Resp: 20985
Ion Ratio Lower Upper
43 100
74 21.2 20.6 30.8



#16
Methylene chloride
Concen: 3.898 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 84 Resp: 52603
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.2
49 137.8 92.9 172.5



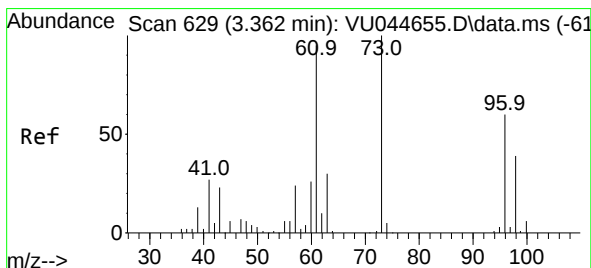
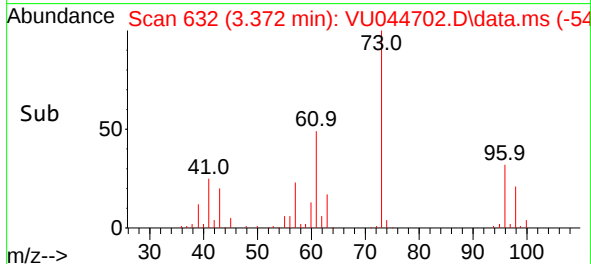
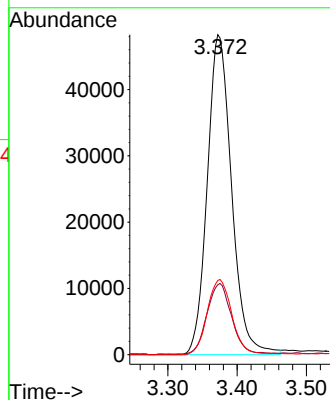
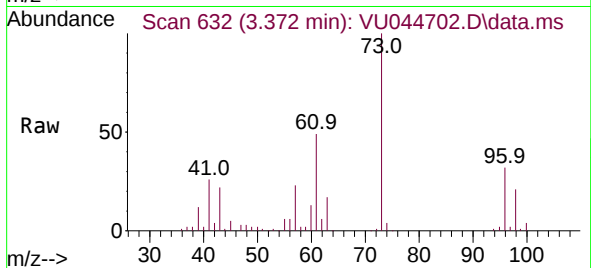


#17

Methyl tert-butyl Ether
Concen: 5.015 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

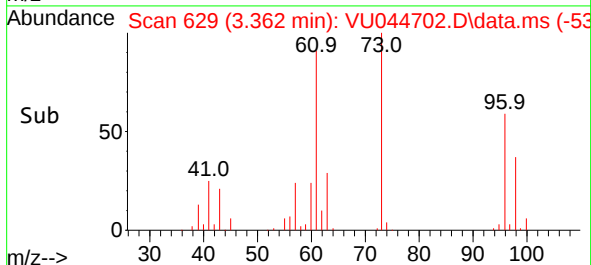
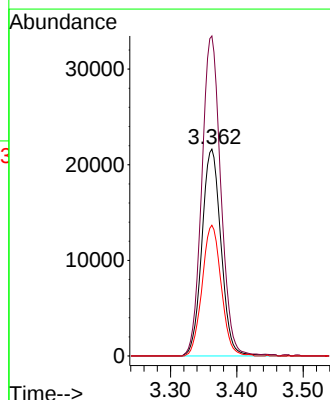
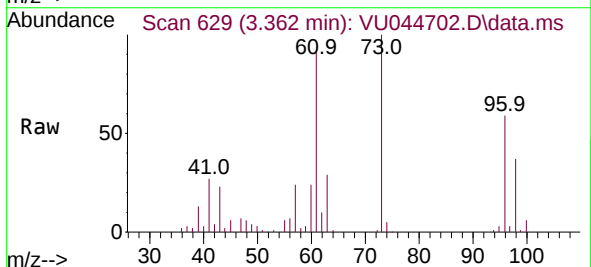
Tgt Ion: 73	Resp: 117656
Ion Ratio	Lower Upper
73 100	
43 21.9	17.8 26.6
57 23.6	18.6 27.8

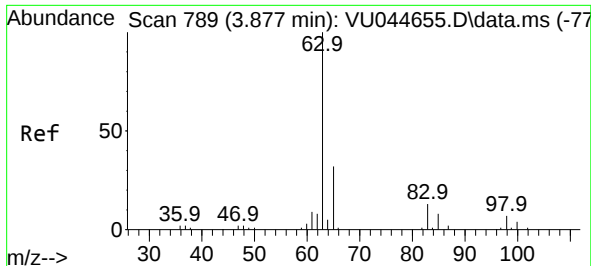


#18

trans-1,2-Dichloroethene
Concen: 4.814 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 96	Resp: 43428
Ion Ratio	Lower Upper
96 100	
61 154.7	107.2 199.0
98 63.2	42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.127 ug/L

RT: 3.880 min Scan# 790

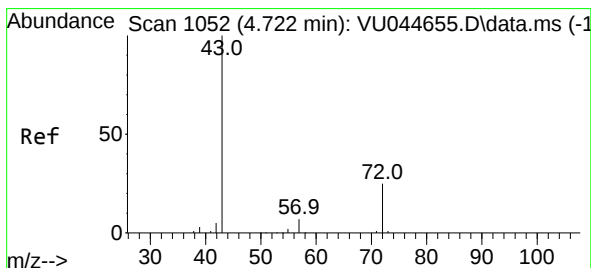
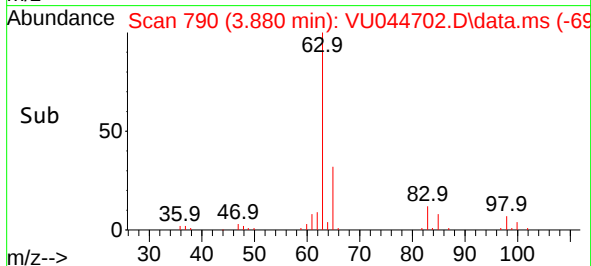
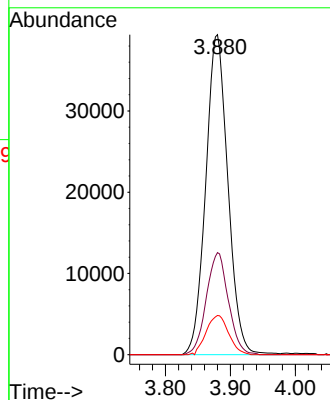
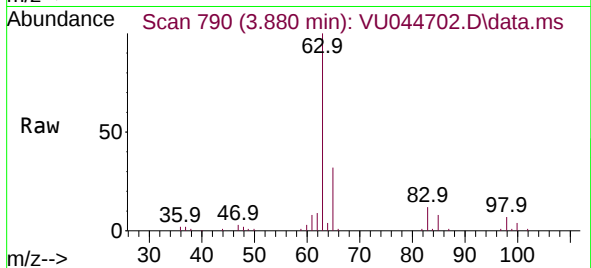
Delta R.T. 0.003 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:	63	Resp:	93524
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	12.3	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :
VSTD005114



#21

2-Butanone

Concen: 53.107 ug/L

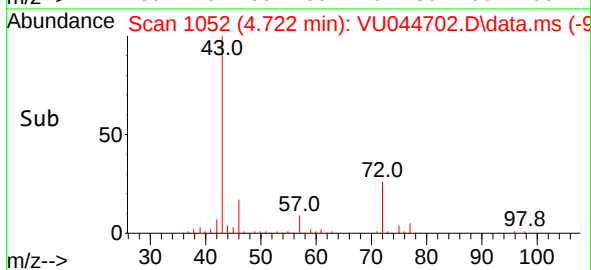
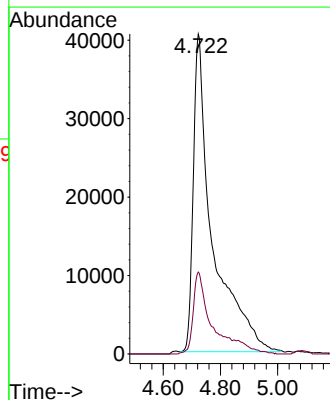
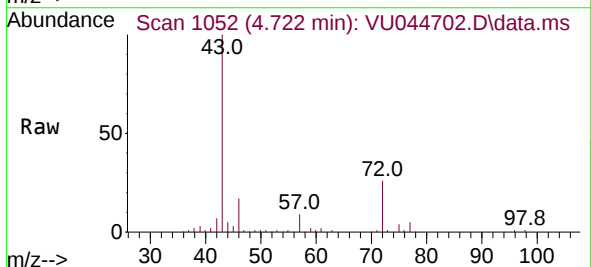
RT: 4.722 min Scan# 1052

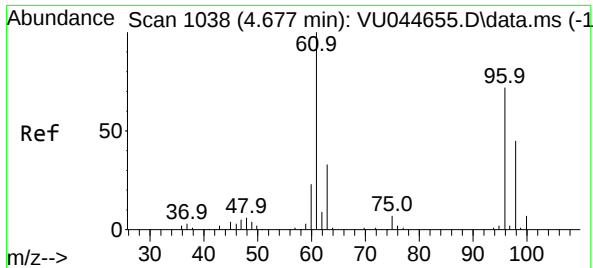
Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:	43	Resp:	188716
Ion	Ratio	Lower	Upper
43	100		
72	22.3	9.2	27.4

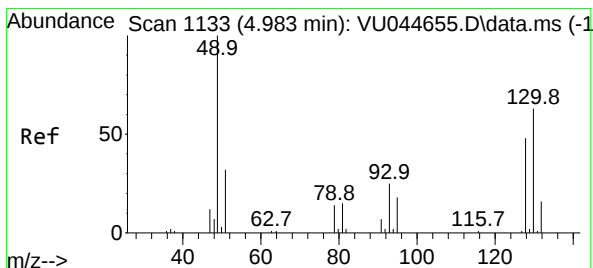
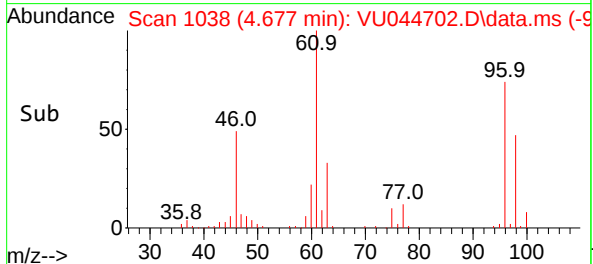
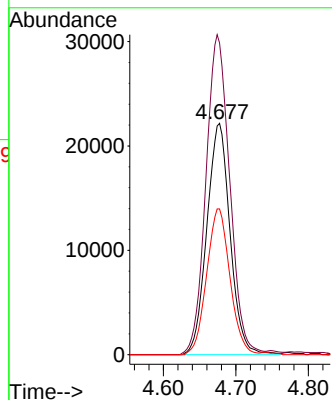
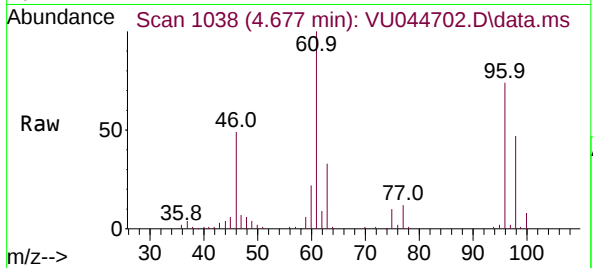




#22
 cis-1,2-Dichloroethene
 Concen: 4.970 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

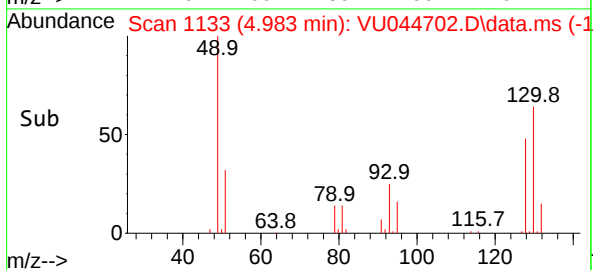
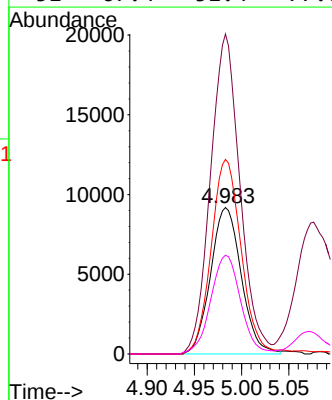
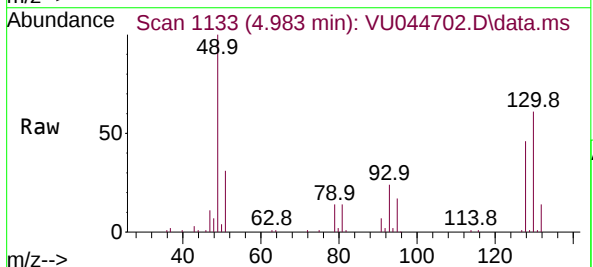
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

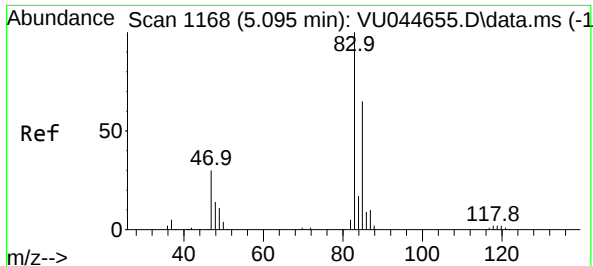
Tgt Ion:	96	Resp:	49427
Ion	Ratio	Lower	Upper
96	100		
61	134.8	96.9	179.9
98	63.0	43.5	80.7



#23
 Bromochloromethane
 Concen: 4.918 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

Tgt Ion:	128	Resp:	20721
Ion	Ratio	Lower	Upper
128	100		
49	218.5	141.4	262.6
130	132.9	94.3	175.1
51	67.4	51.4	77.0



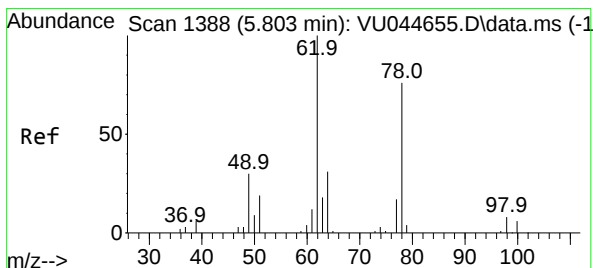
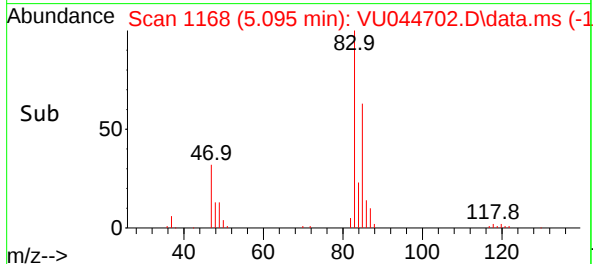
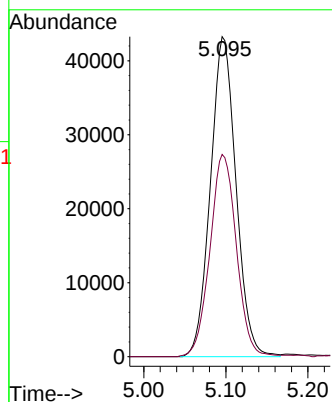
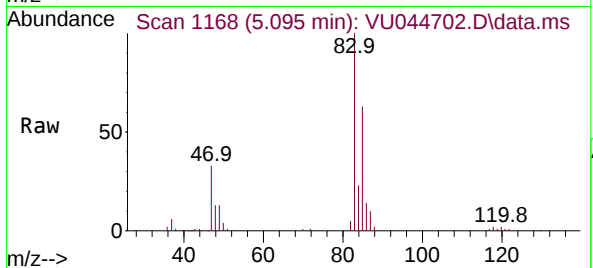


#25

Chloroform
Concen: 4.822 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

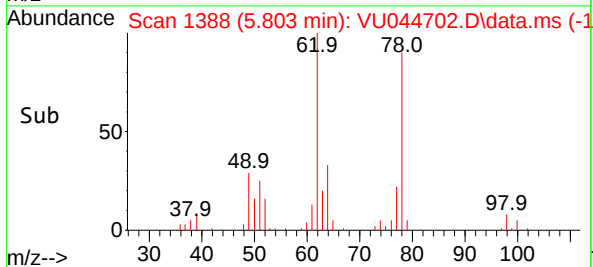
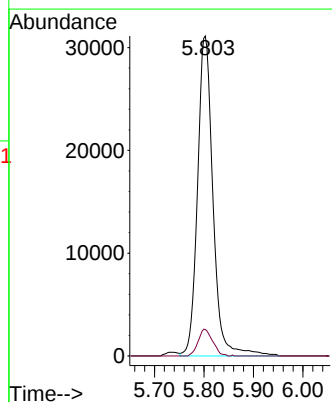
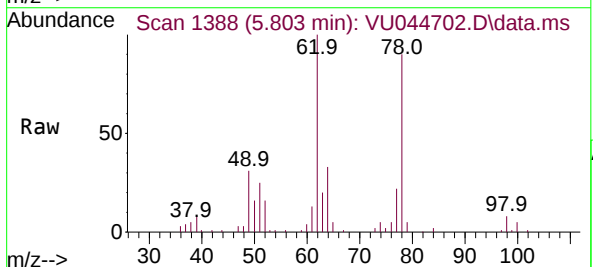
Tgt Ion: 83 Resp: 93725
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.0

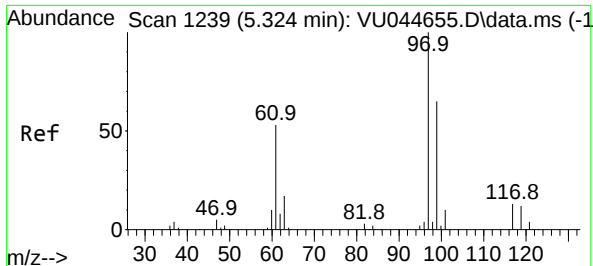


#27

1,2-Dichloroethane
Concen: 5.331 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 62 Resp: 67837
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0

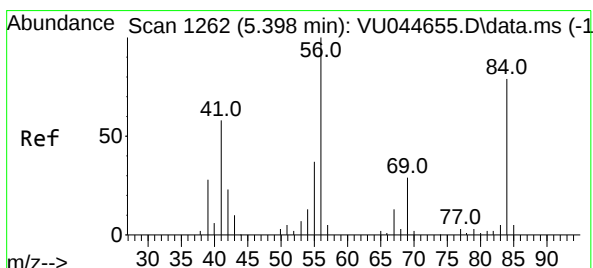
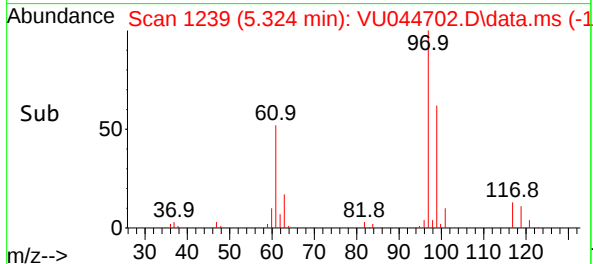
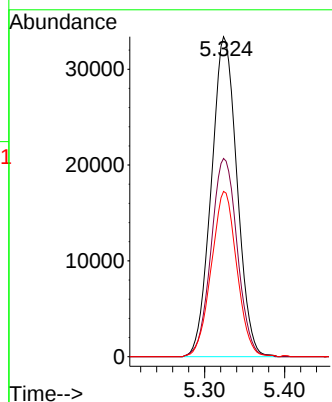
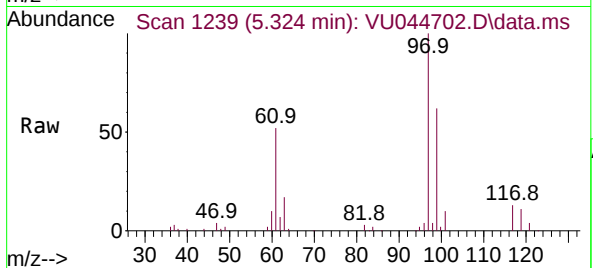




#29
1,1,1-Trichloroethane
Concen: 5.282 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

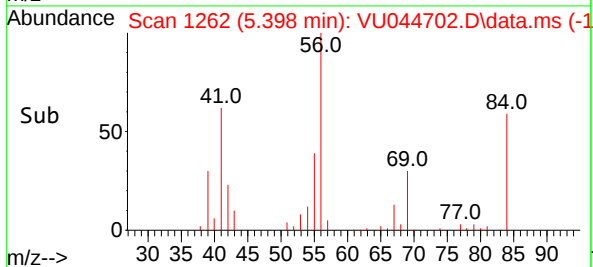
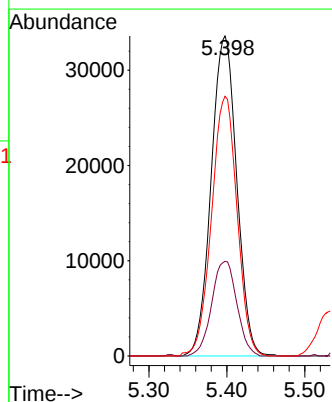
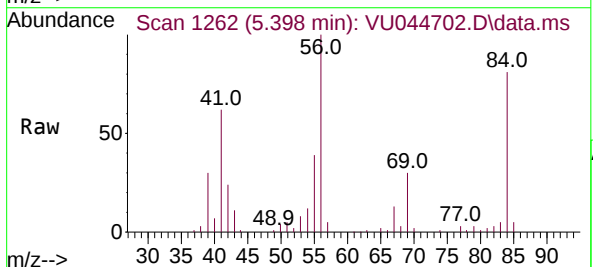
Instrument :
MSVOA_U
ClientSampled :
VSTD005114

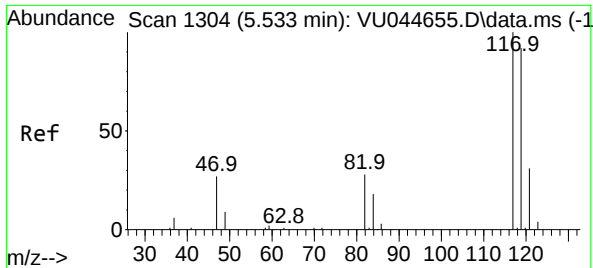
Tgt Ion:	97	Resp:	74603
Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.7	76.1
61	51.3	40.6	60.8



#30
Cyclohexane
Concen: 4.740 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:	56	Resp:	76682
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.2
84	81.0	65.5	98.3

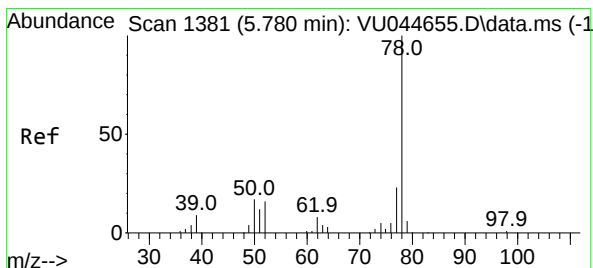
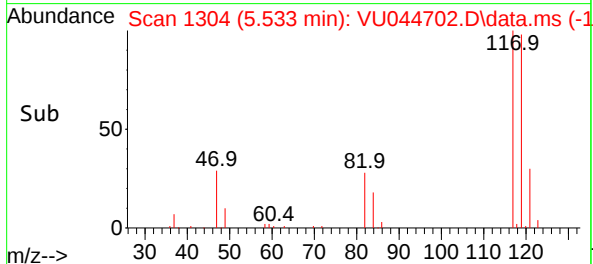
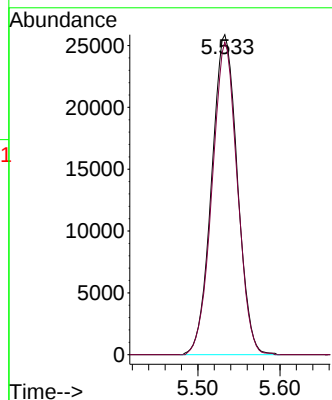
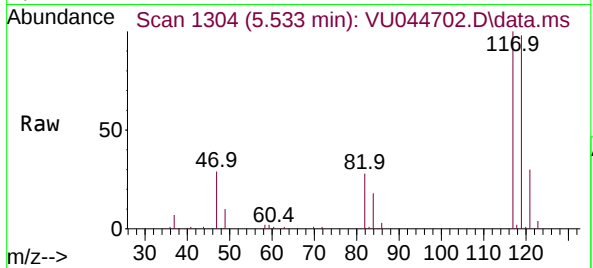




#31
Carbon tetrachloride
Concen: 5.101 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

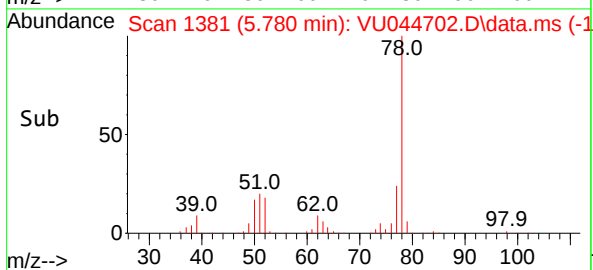
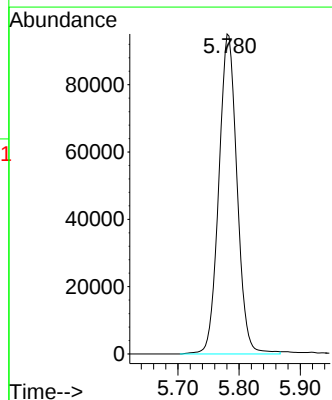
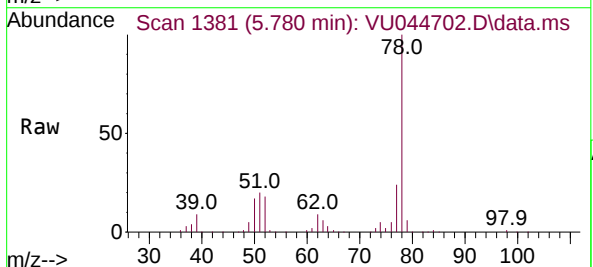
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

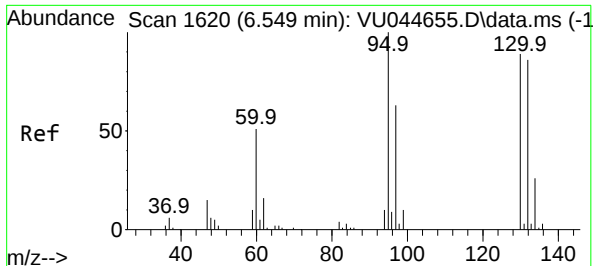
Tgt Ion:117 Resp: 56387
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6



#33
Benzene
Concen: 5.121 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 78 Resp: 197027

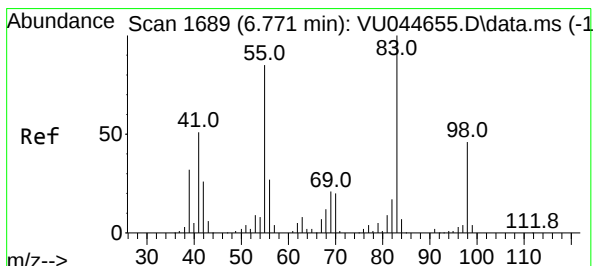
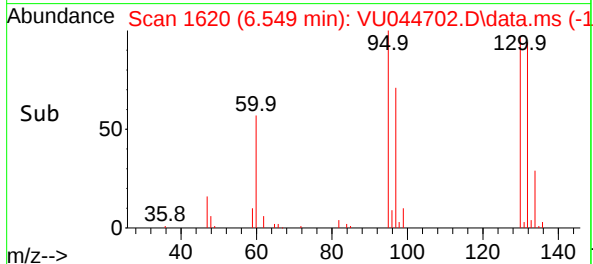
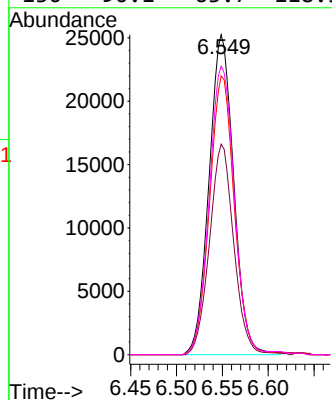
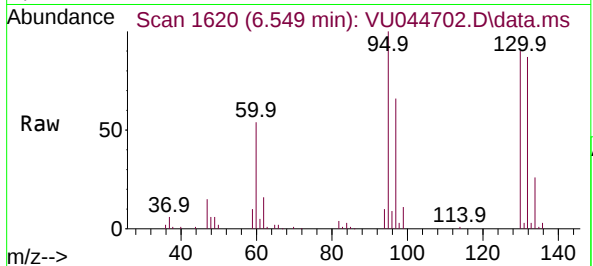




#34
Trichloroethene
Concen: 4.952 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

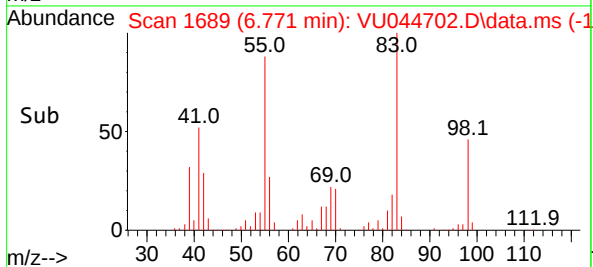
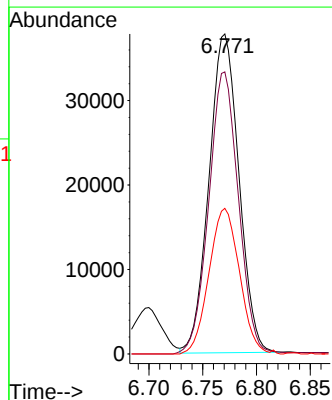
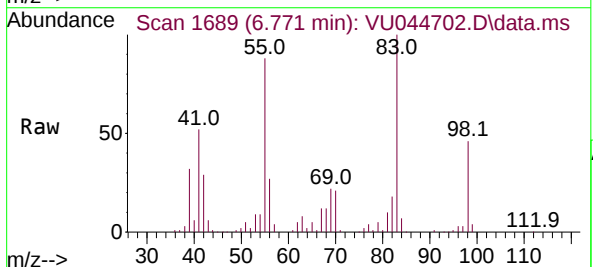
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

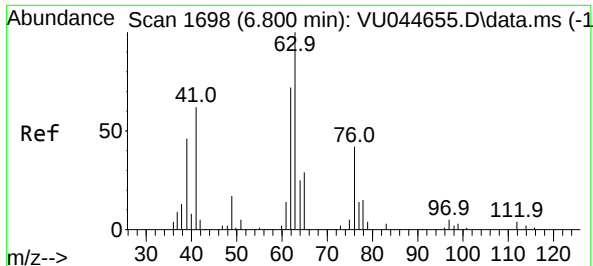
Tgt Ion:	95	Resp:	47160
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.7	82.9
132	87.1	60.3	111.9
130	90.1	63.7	118.3



#35
Methylcyclohexane
Concen: 4.671 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:	83	Resp:	73103
Ion	Ratio	Lower	Upper
83	100		
55	87.9	68.3	102.5
98	46.6	37.3	55.9



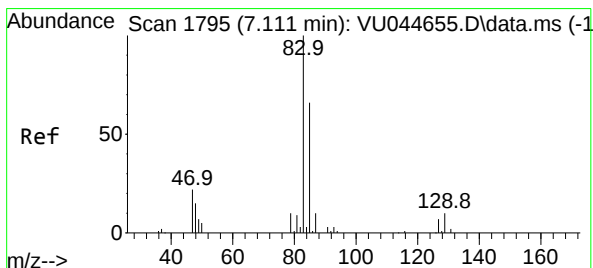
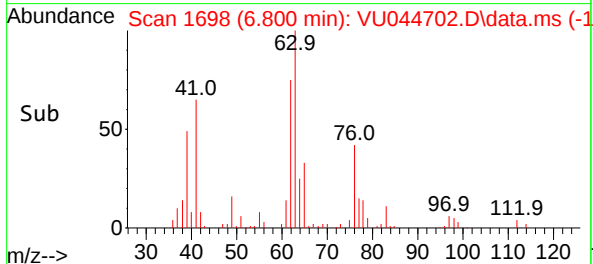
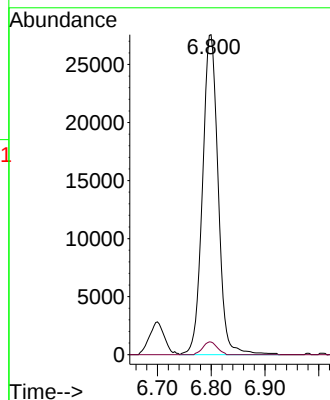
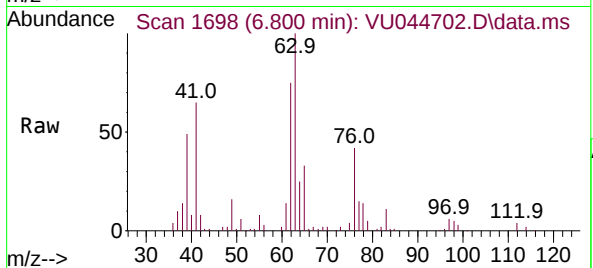


#37

1,2-Dichloropropane
Concen: 5.415 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampled :
VSTD005114

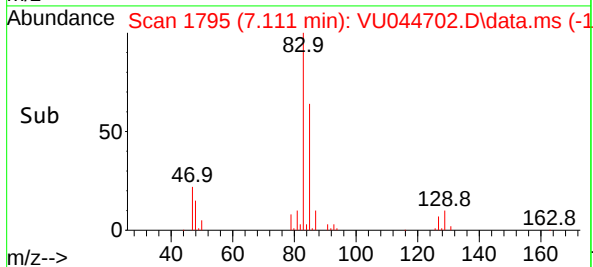
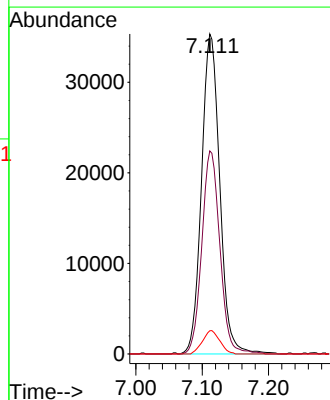
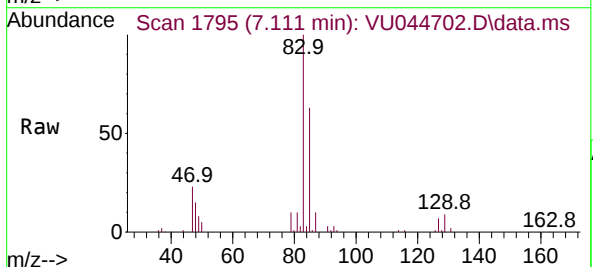
Tgt Ion: 63 Resp: 55818
Ion Ratio Lower Upper
63 100
112 3.7 3.1 4.7

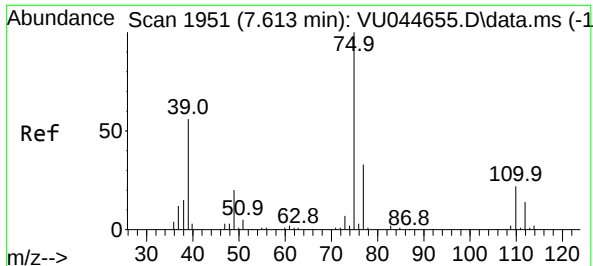


#38

Bromodichloromethane
Concen: 5.398 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 83 Resp: 67476
Ion Ratio Lower Upper
83 100
85 63.4 46.3 86.1
127 7.3 6.0 9.0



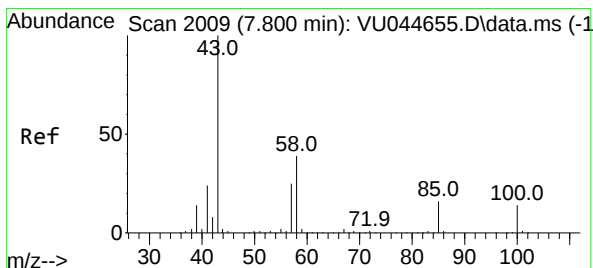
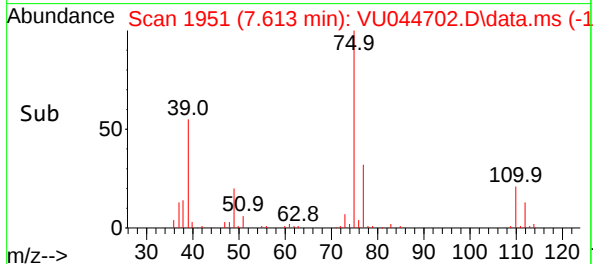
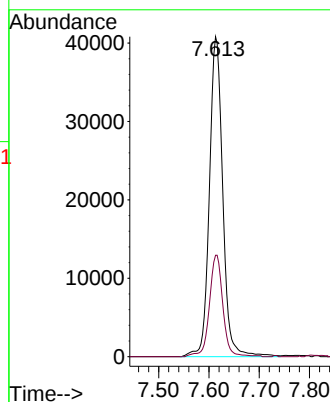
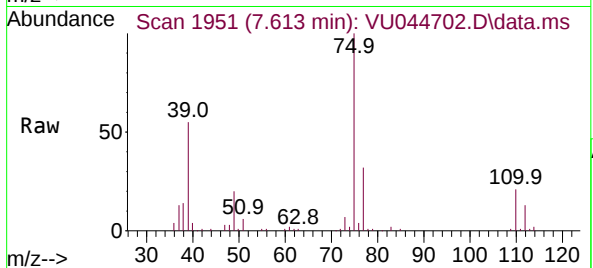


#39

cis-1,3-Dichloropropene
 Concen: 5.166 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005114

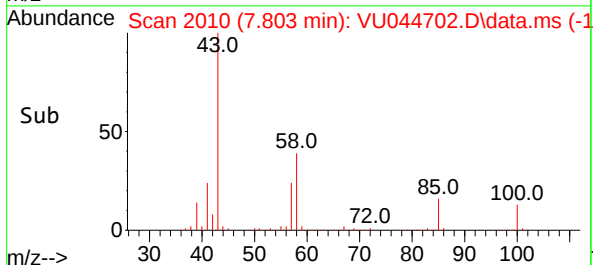
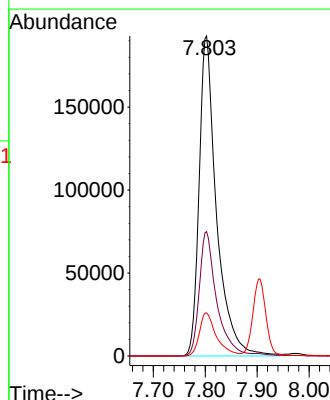
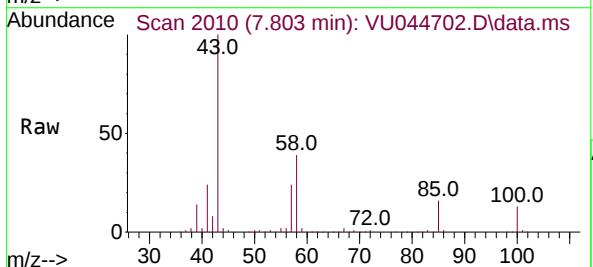
Tgt Ion: 75 Resp: 75447
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.5 39.9

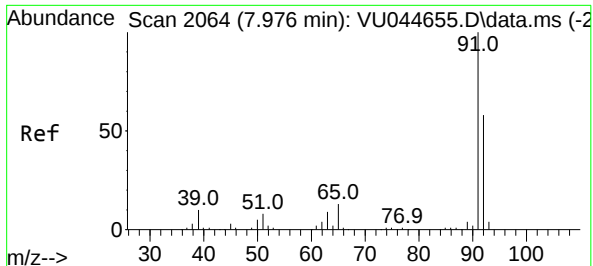


#40

4-Methyl-2-pentanone
 Concen: 55.865 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

Tgt Ion: 43 Resp: 448275
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.2 46.8
 100 13.2 11.4 17.0





#42

Toluene

Concen: 5.142 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion: 91 Resp: 206604

Ion Ratio Lower Upper

91 100

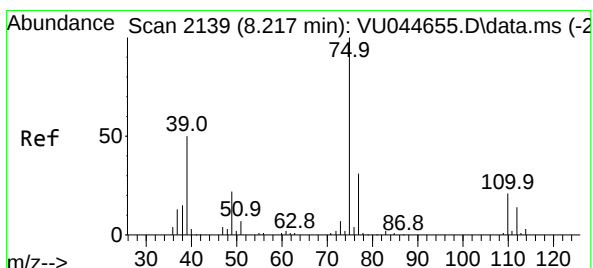
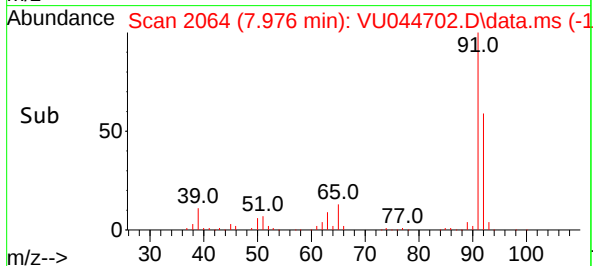
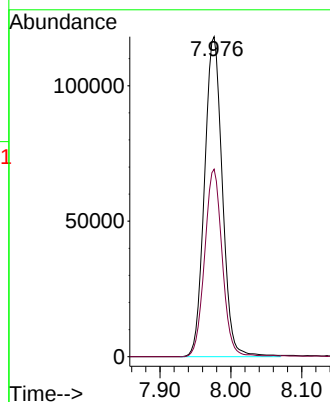
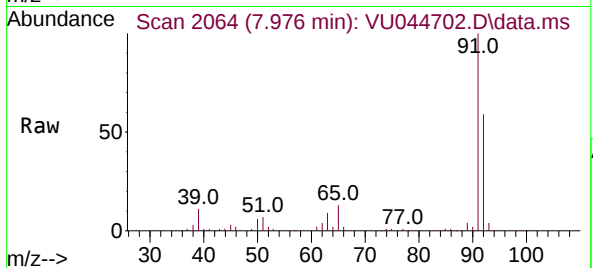
92 58.6 41.1 76.3

Instrument :

MSVOA_U

ClientSampleId :

VSTD005114



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU044702.D

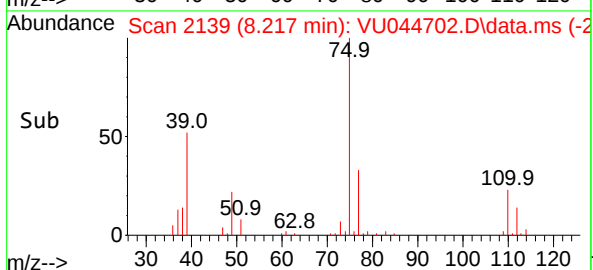
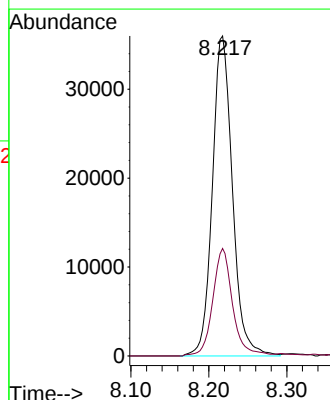
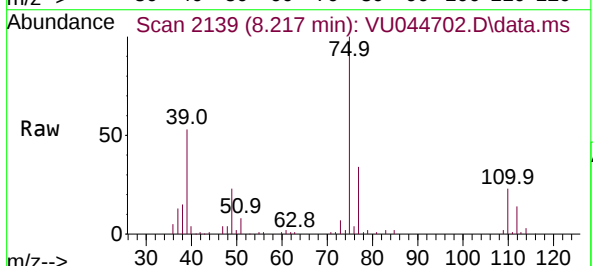
Acq: 20 Sep 2021 11:18

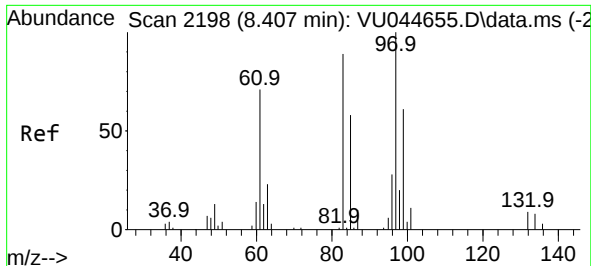
Tgt Ion: 75 Resp: 64551

Ion Ratio Lower Upper

75 100

77 33.6 22.0 41.0

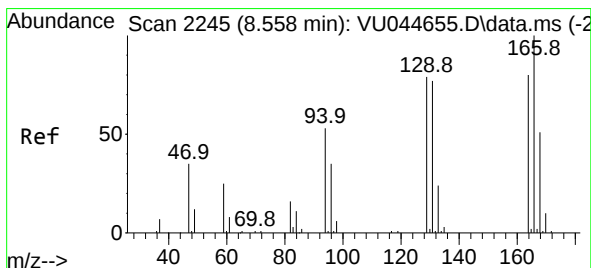
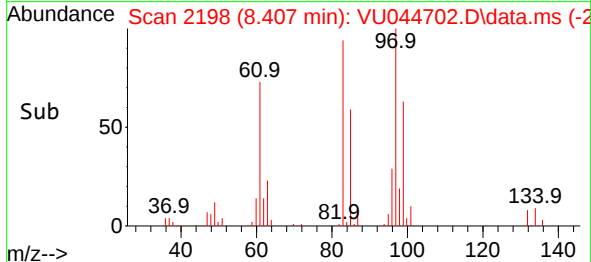
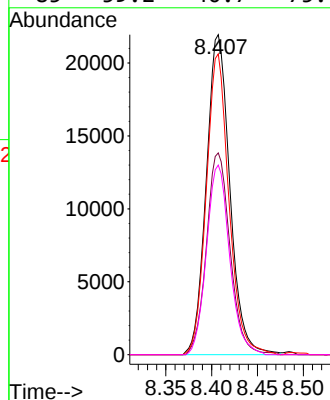
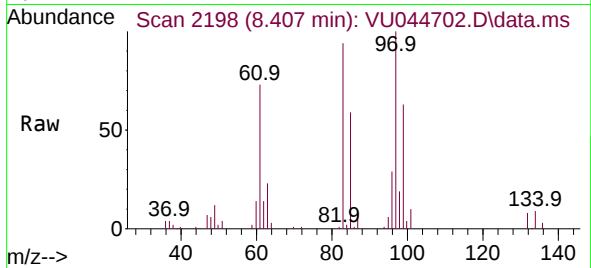




#45
1,1,2-Trichloroethane
Concen: 5.368 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

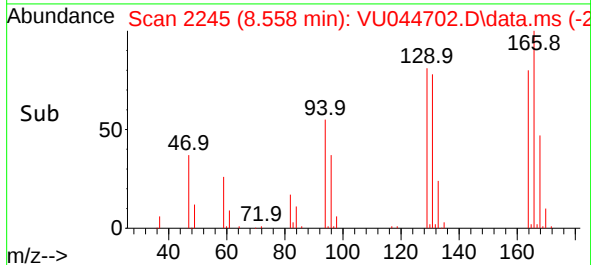
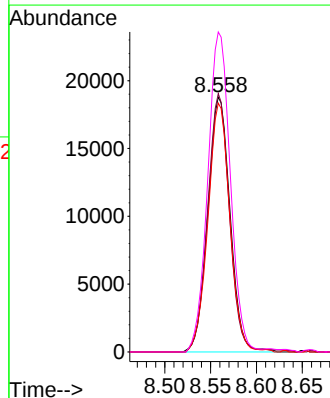
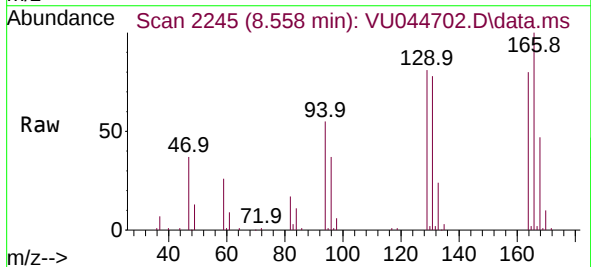
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

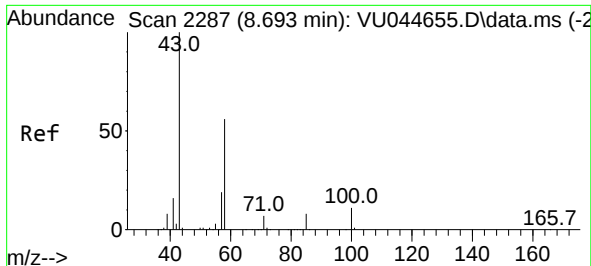
Tgt Ion:	97	Resp:	39349
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.8	83.2
83	94.0	63.6	118.0
85	59.2	40.7	75.7



#47
Tetrachloroethene
Concen: 4.801 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:	164	Resp:	31747
Ion	Ratio	Lower	Upper
164	100		
129	101.4	67.0	124.4
131	97.6	65.2	121.0
166	125.5	87.6	162.8

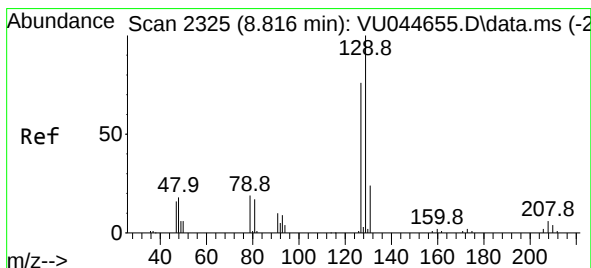
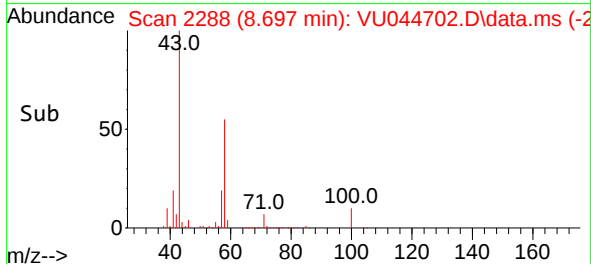
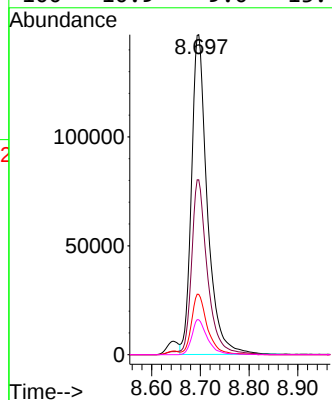
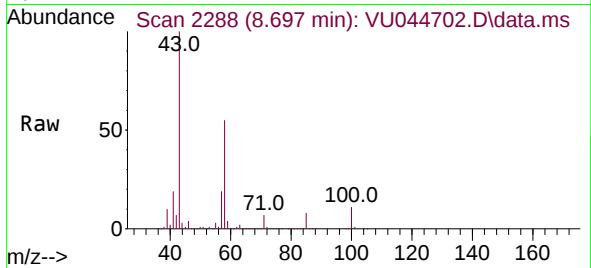




#48
2-Hexanone
Concen: 55.519 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

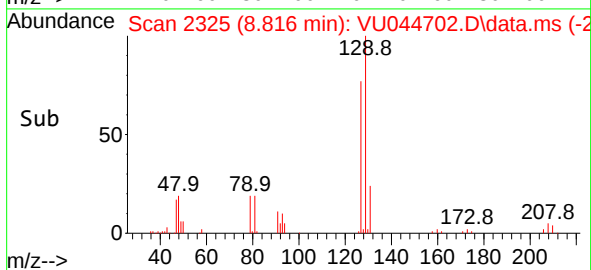
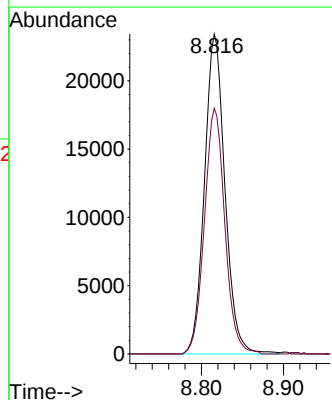
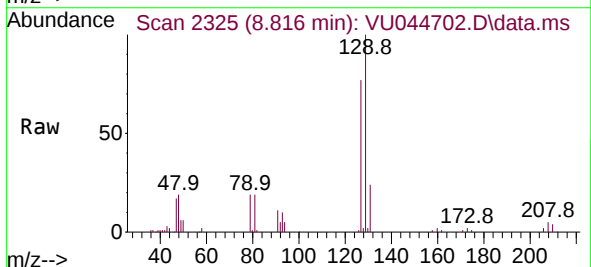
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

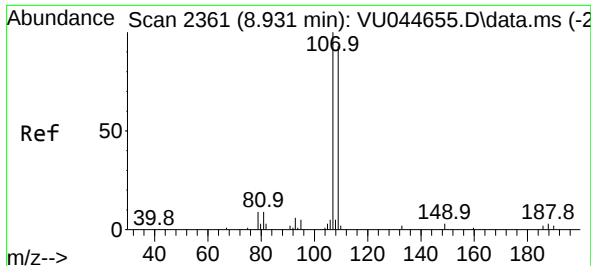
Tgt Ion:	43	Resp:	331593
Ion	Ratio	Lower	Upper
43	100		
58	55.1	44.6	66.8
57	19.0	14.8	22.2
100	10.9	9.0	13.4



#49
Dibromochloromethane
Concen: 5.281 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:	129	Resp:	40667
Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.141 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

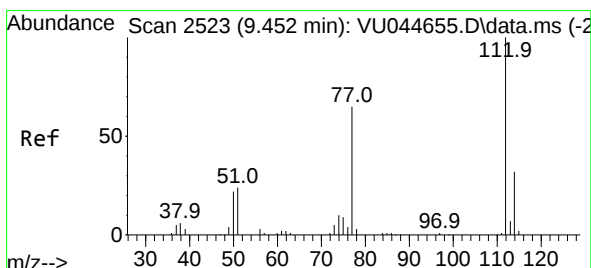
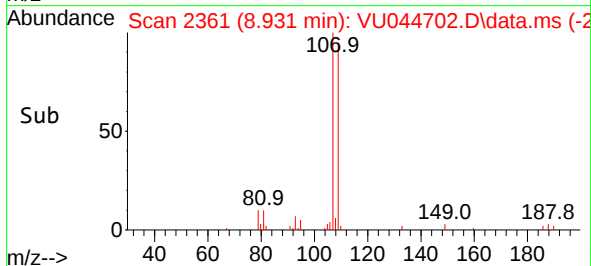
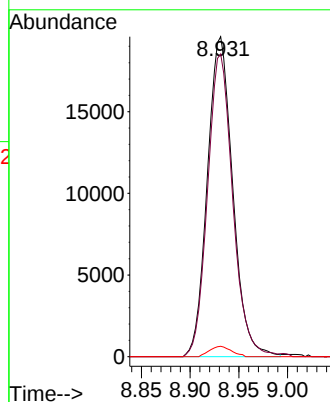
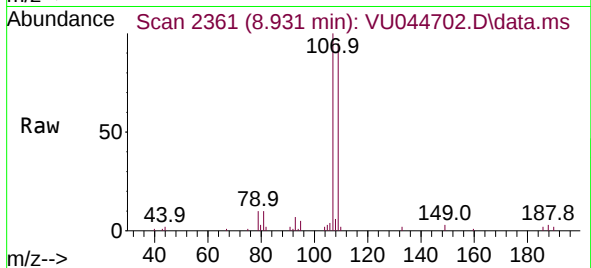
Instrument :

MSVOA_U

ClientSampleId :

VSTD005114

Tgt Ion:	107	Resp:	35474
Ion	Ratio	Lower	Upper
107	100		
109	94.6	65.5	121.7
188	3.3	3.0	4.4



#51

Chlorobenzene

Concen: 4.929 ug/L

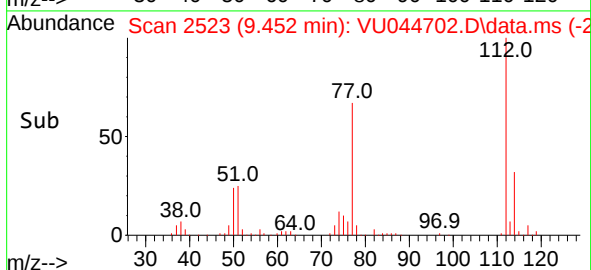
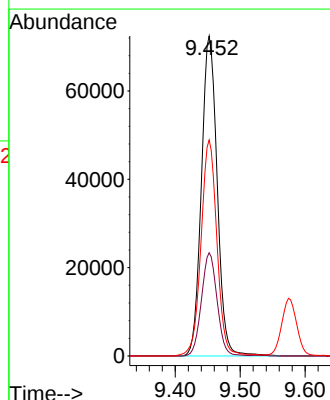
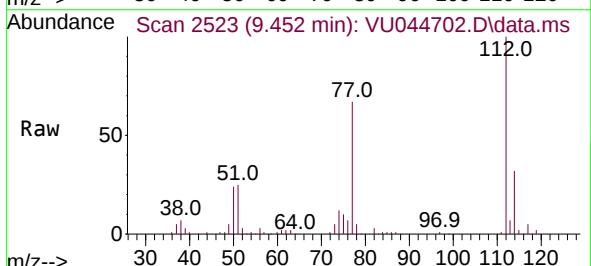
RT: 9.452 min Scan# 2523

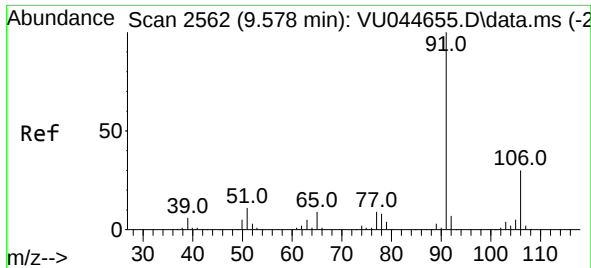
Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:	112	Resp:	122786
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.8	42.4
77	67.5	51.4	77.0

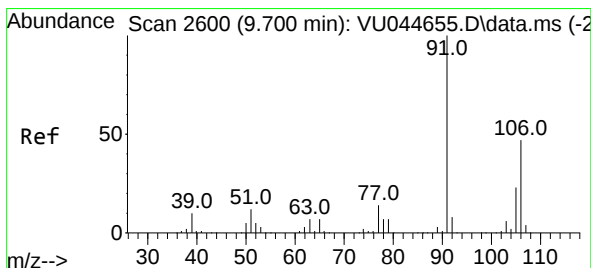
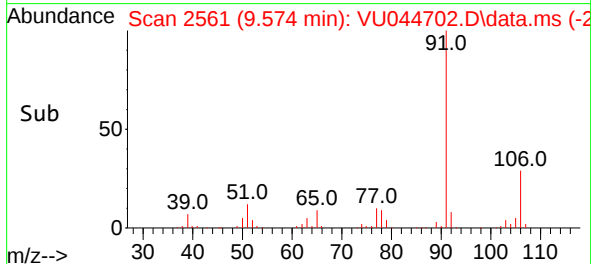
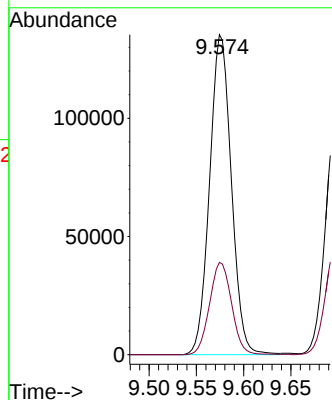
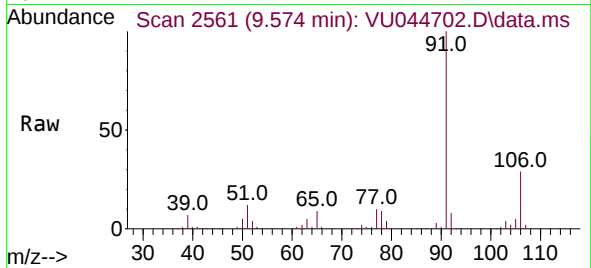




#52
Ethylbenzene
Concen: 4.978 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

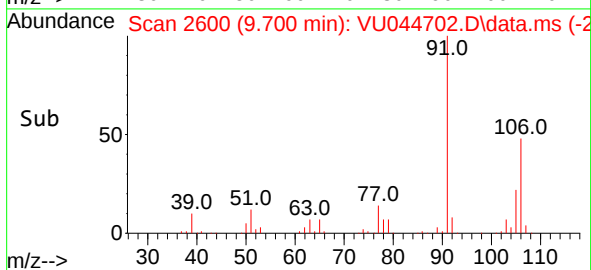
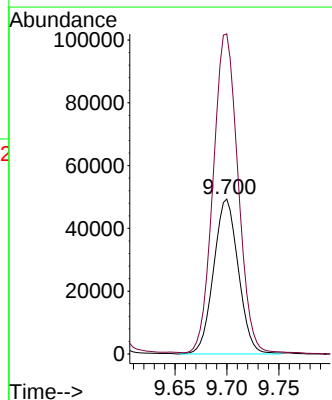
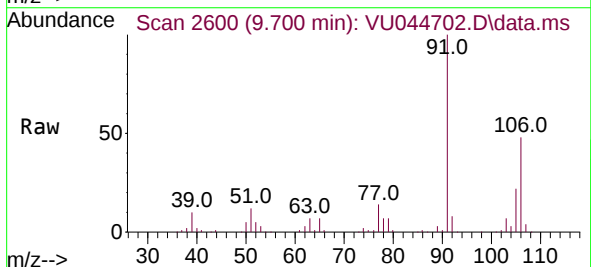
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

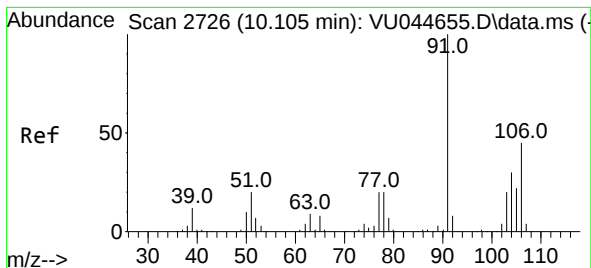
Tgt Ion: 91 Resp: 216668
Ion Ratio Lower Upper
91 100
106 28.9 21.1 39.1



#53
m,p-Xylene
Concen: 4.933 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 106 Resp: 81635
Ion Ratio Lower Upper
106 100
91 206.7 144.6 268.6





#54

o-Xylene

Concen: 5.066 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:106 Resp: 80094

Ion Ratio Lower Upper

106 100

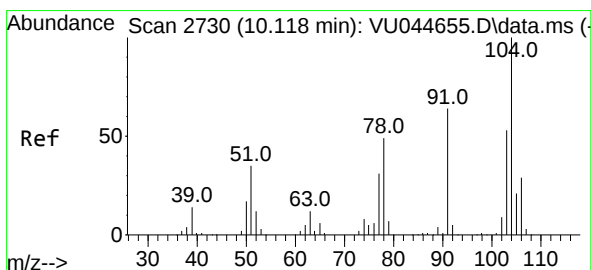
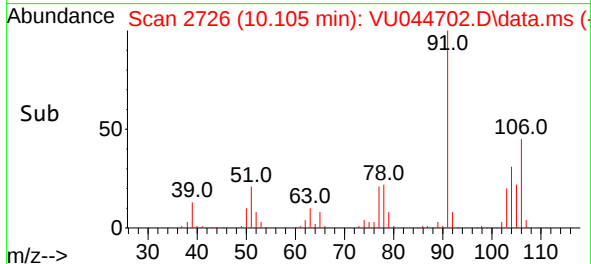
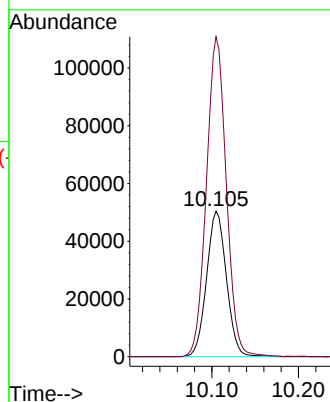
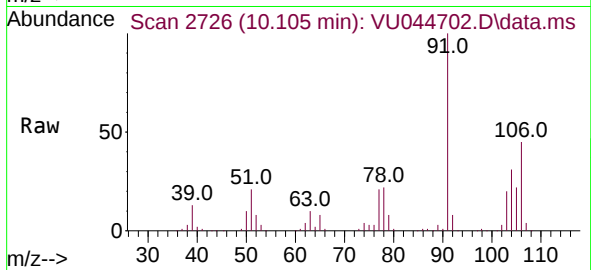
91 219.9 156.2 290.0

Instrument :

MSVOA_U

ClientSampleId :

VSTD005114



#55

Styrene

Concen: 5.071 ug/L

RT: 10.121 min Scan# 2731

Delta R.T. 0.003 min

Lab File: VU044702.D

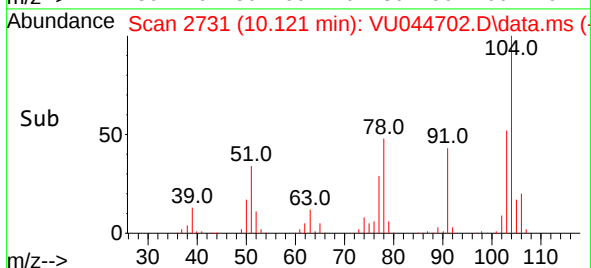
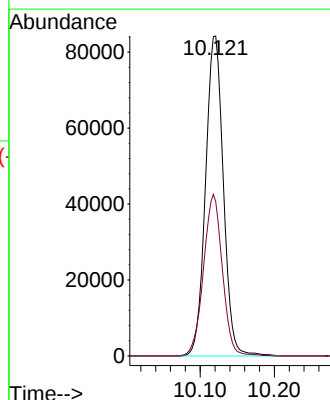
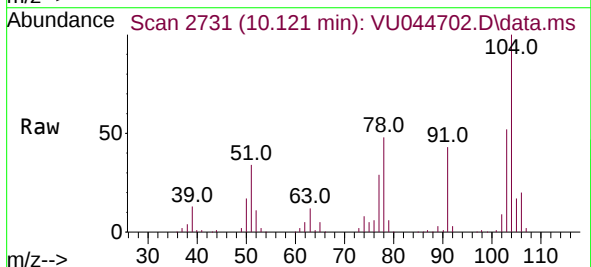
Acq: 20 Sep 2021 11:18

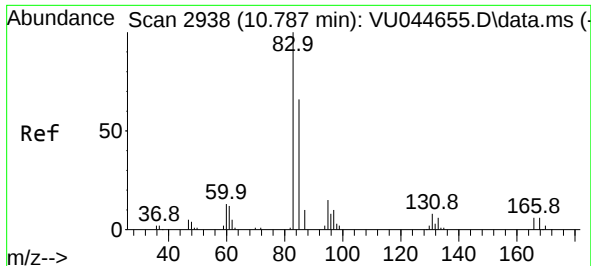
Tgt Ion:104 Resp: 140331

Ion Ratio Lower Upper

104 100

78 48.3 33.6 62.4

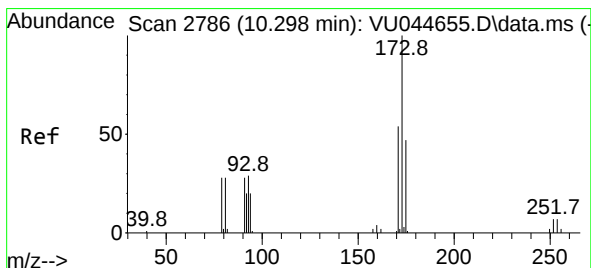
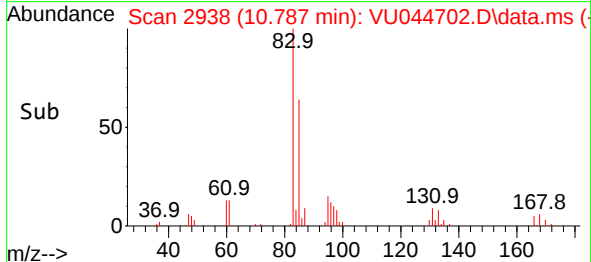
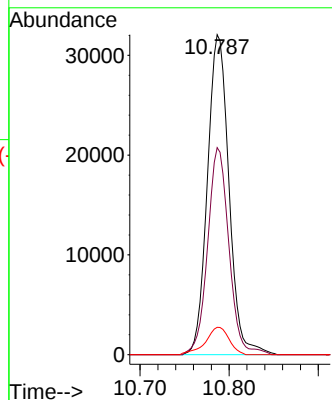
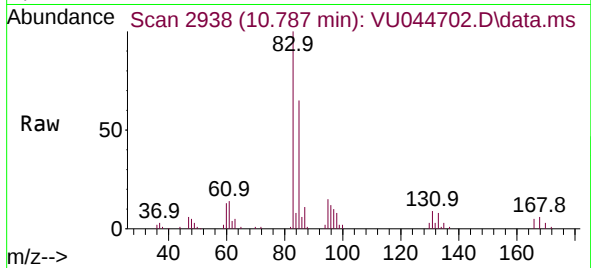




#57
1,1,2,2-Tetrachloroethane
Concen: 5.472 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

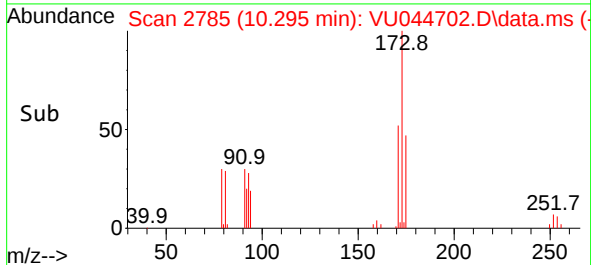
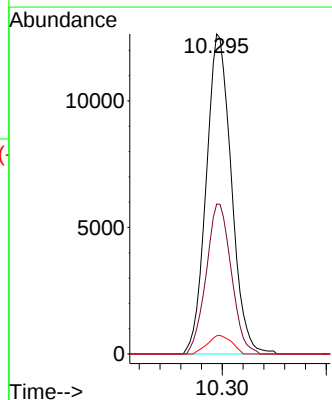
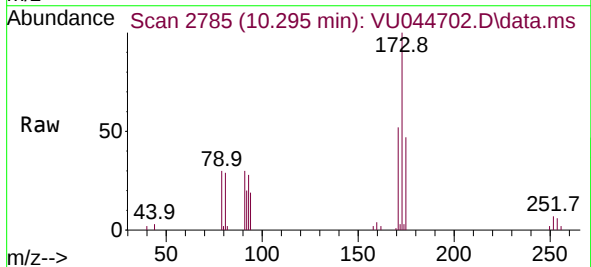
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

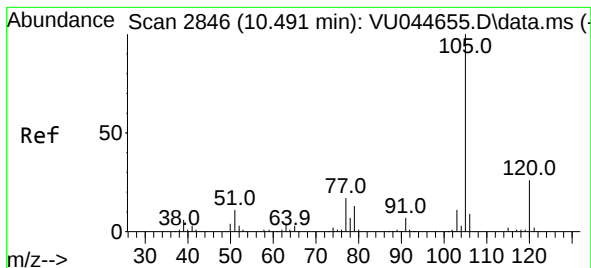
Tgt Ion:	83	Resp:	53855
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.5	82.7
131	8.5	6.6	10.0



#59
Bromoform
Concen: 5.200 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:	173	Resp:	21173
Ion	Ratio	Lower	Upper
173	100		
175	46.8	38.8	58.2
254	5.6	4.9	7.3





#60

Isopropylbenzene

Concen: 5.173 ug/L

RT: 10.487 min Scan# 2845

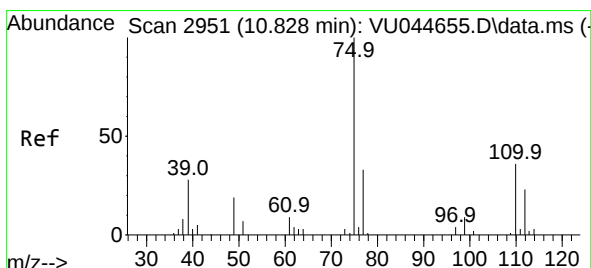
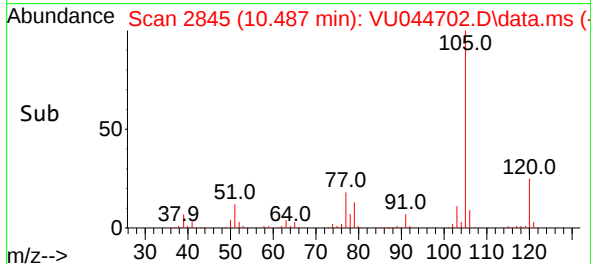
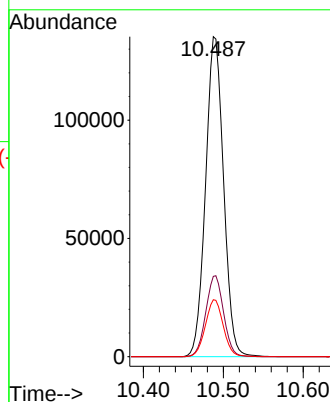
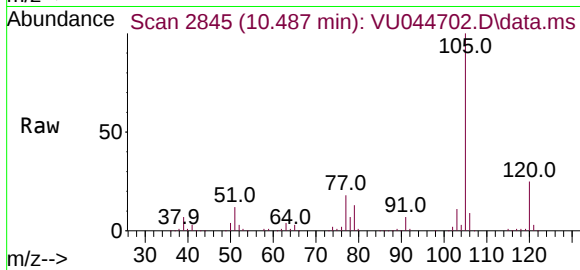
Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:	105	Resp:	212123
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.2	30.2
77	17.7	13.6	20.4

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114



#61

1,2,3-Trichloropropane

Concen: 5.582 ug/L

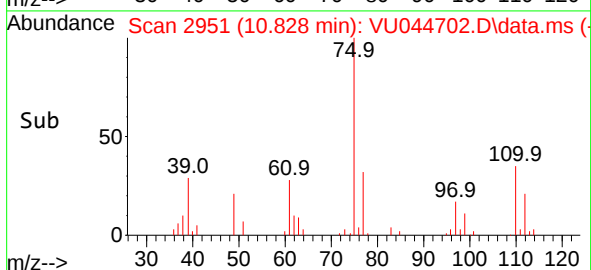
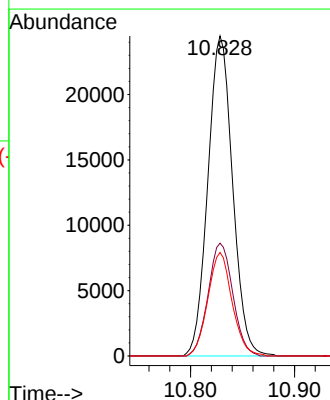
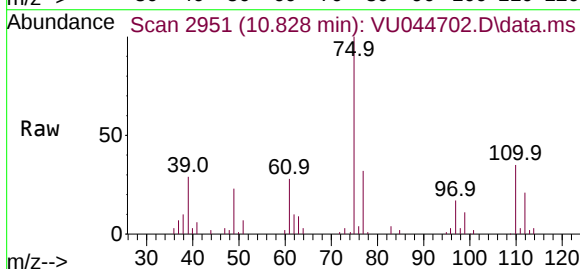
RT: 10.828 min Scan# 2951

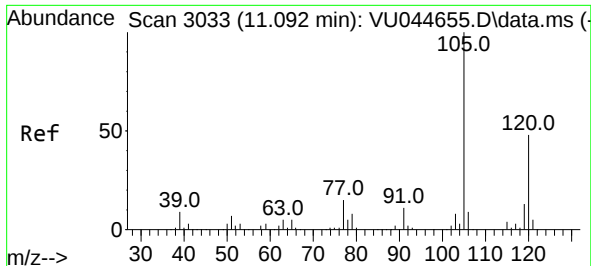
Delta R.T. -0.000 min

Lab File: VU044702.D

Acq: 20 Sep 2021 11:18

Tgt Ion:	75	Resp:	40405
Ion	Ratio	Lower	Upper
75	100		
110	35.2	28.8	43.2
77	31.7	25.9	38.9

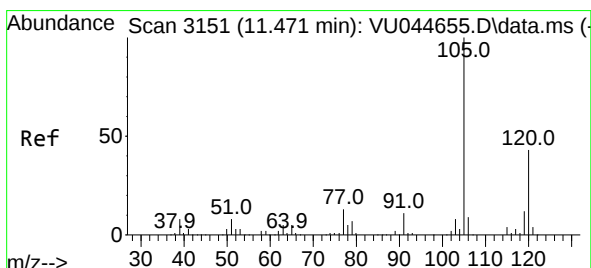
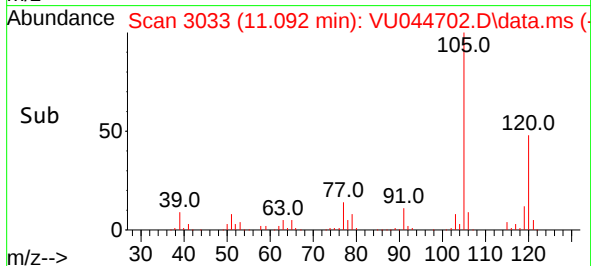
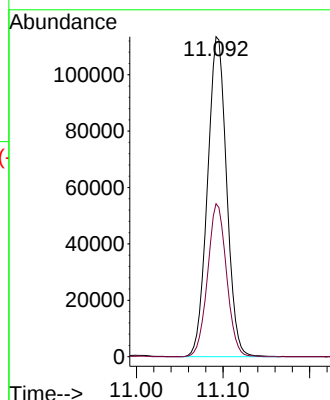
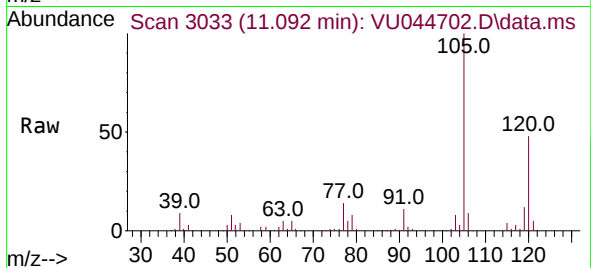




#62
1,3,5-Trimethylbenzene
Concen: 5.110 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

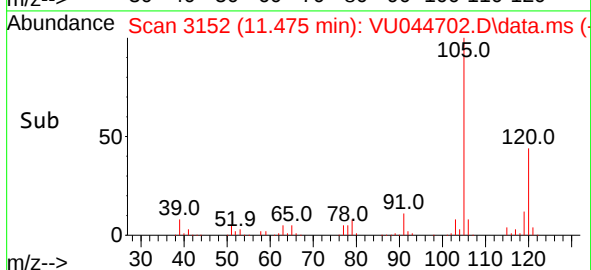
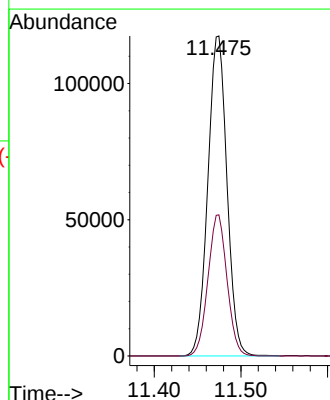
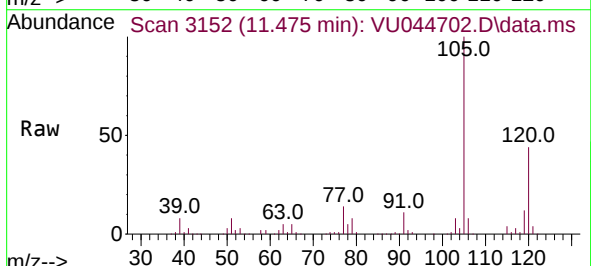
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

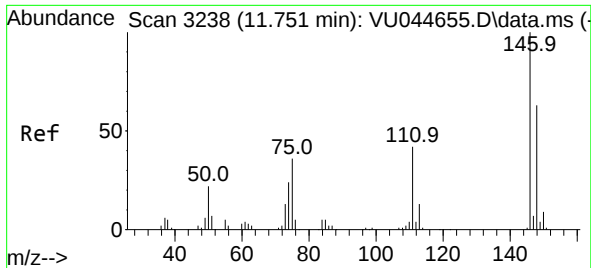
Tgt Ion:105 Resp: 174032
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.151 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:105 Resp: 180166
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.2

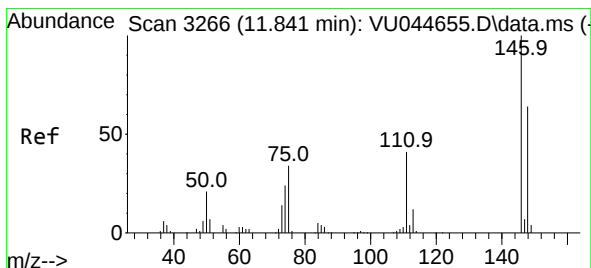
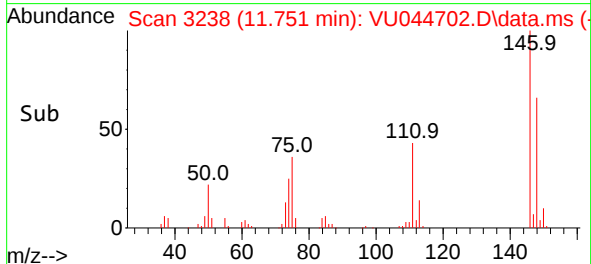
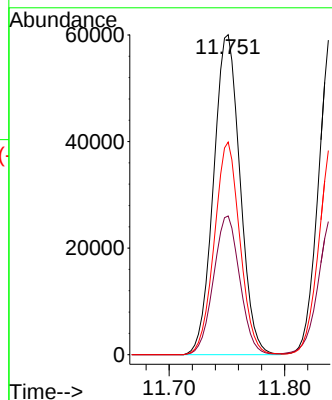
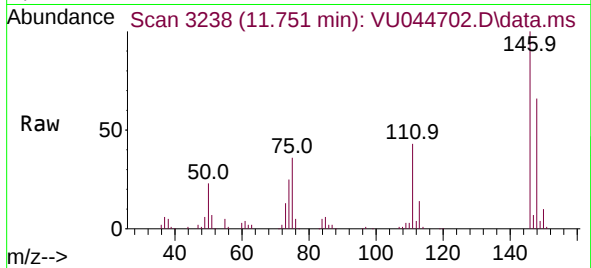




#64
1,3-Dichlorobenzene
Concen: 4.999 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

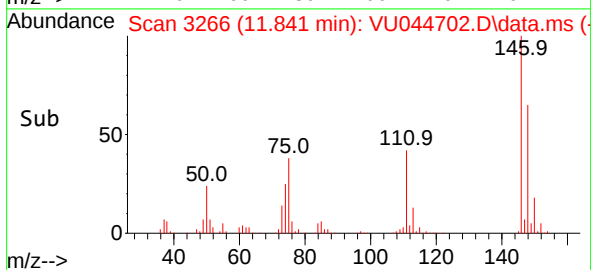
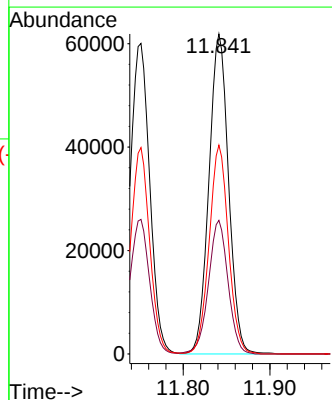
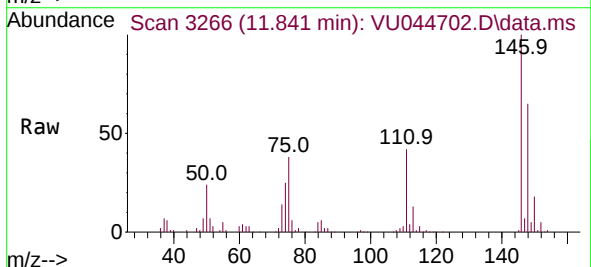
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

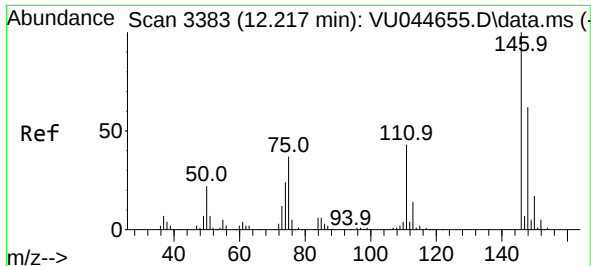
Tgt Ion:146 Resp: 95574
Ion Ratio Lower Upper
146 100
111 43.3 29.8 55.4
148 66.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.943 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:146 Resp: 97503
Ion Ratio Lower Upper
146 100
111 41.8 28.7 53.3
148 65.2 45.4 84.4

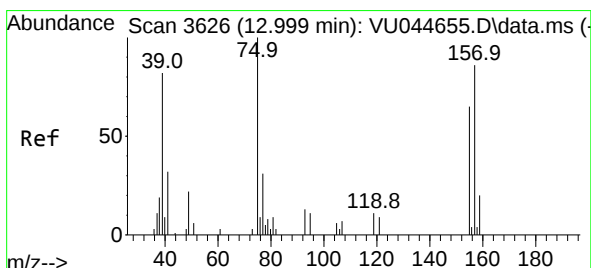
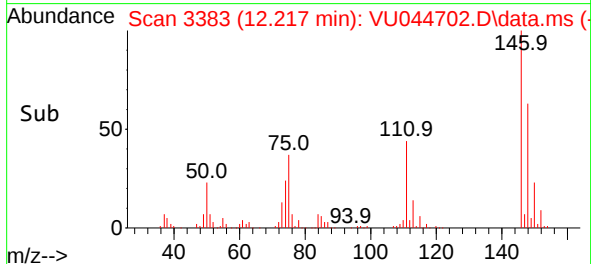
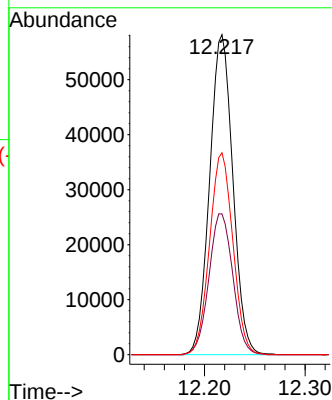
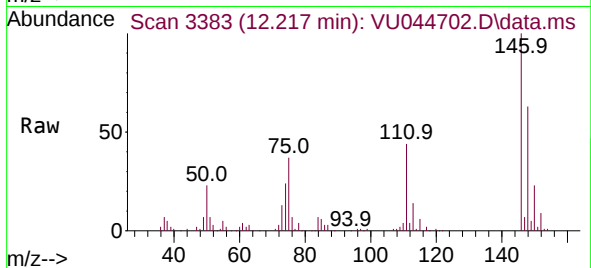




#67
1,2-Dichlorobenzene
Concen: 5.136 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

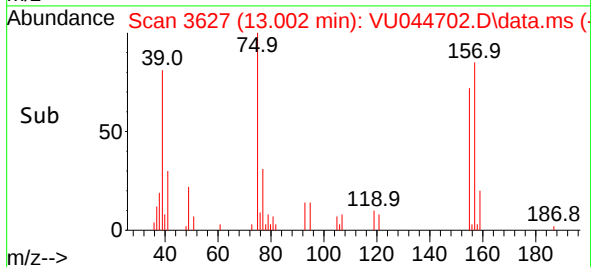
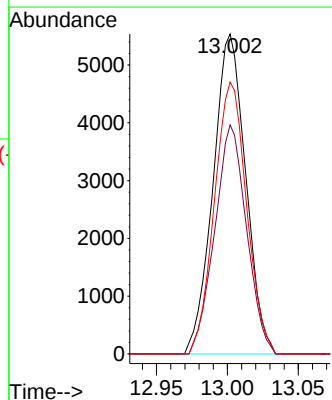
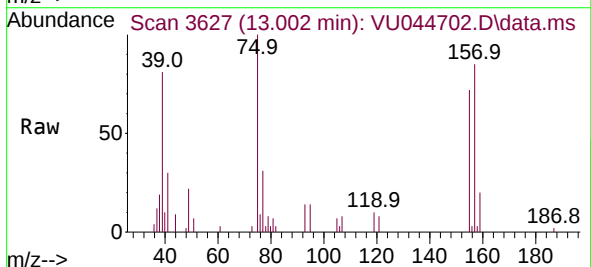
Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

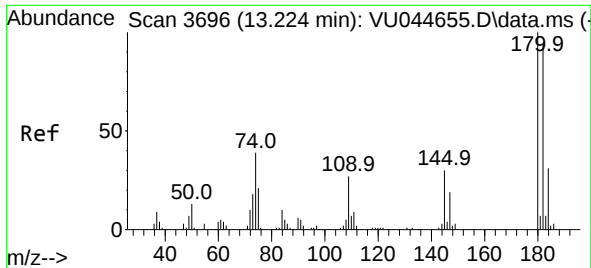
Tgt Ion:146 Resp: 93210
Ion Ratio Lower Upper
146 100
111 44.0 34.6 51.8
148 63.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.559 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion: 75 Resp: 8849
Ion Ratio Lower Upper
75 100
155 71.6 54.0 81.0
157 84.9 65.4 98.2

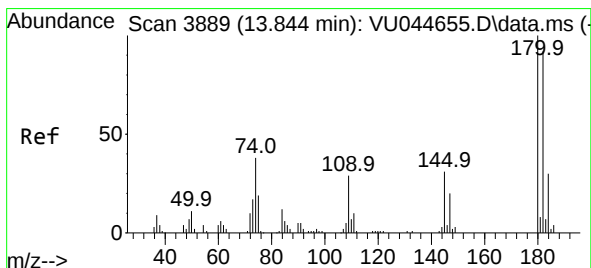
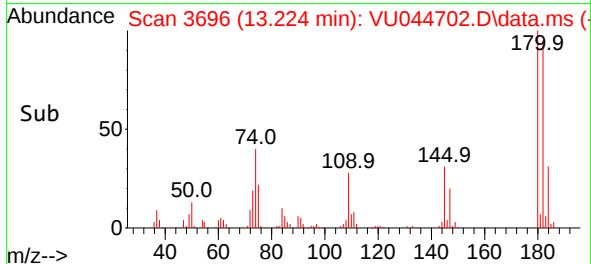
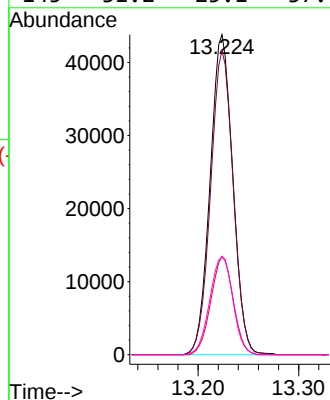
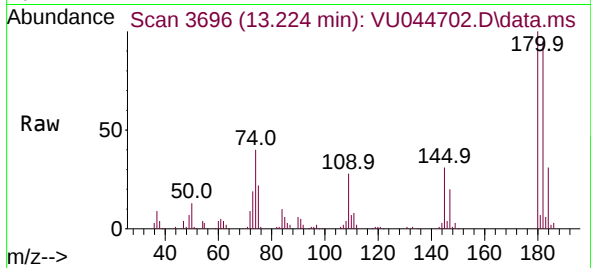




#69
 1,3,5-Trichlorobenzene
 Concen: 4.717 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

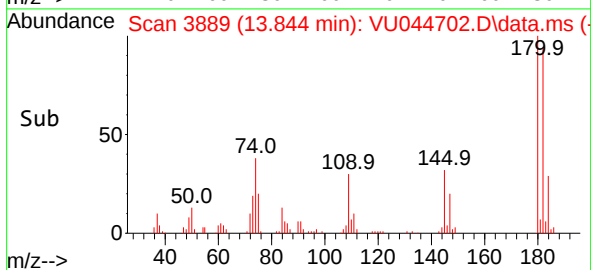
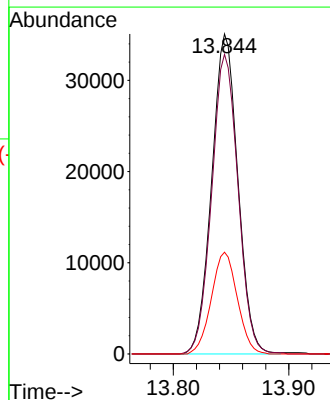
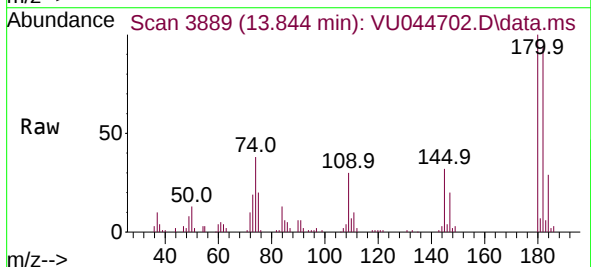
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005114

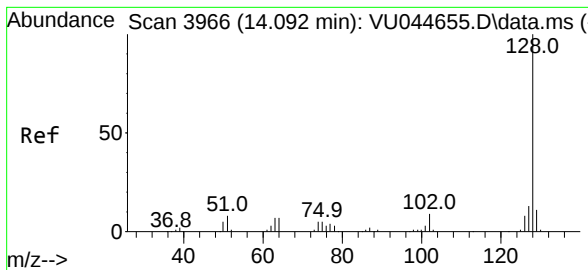
Tgt Ion:180 Resp: 68567
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 184 30.1 24.1 36.1
 145 31.2 25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.500 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044702.D
 Acq: 20 Sep 2021 11:18

Tgt Ion:180 Resp: 55171
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.0
 145 31.6 25.2 37.8

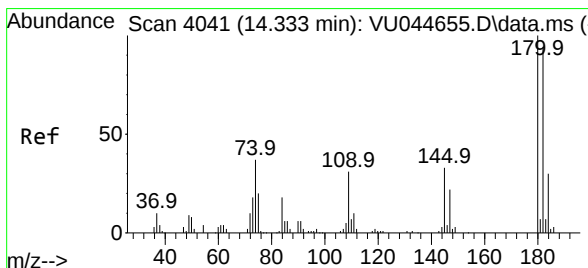
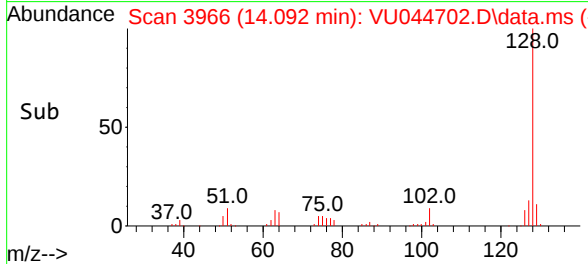
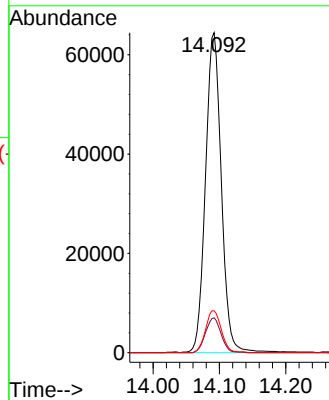
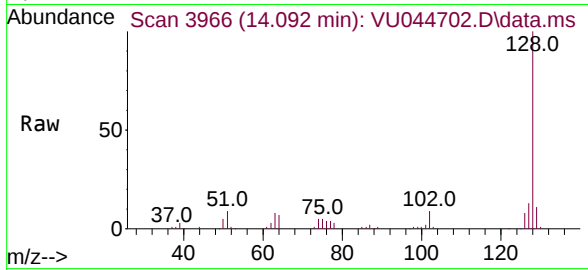




#71
Naphthalene
Concen: 4.469 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

Tgt Ion:128 Resp: 106906
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.674 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044702.D
Acq: 20 Sep 2021 11:18

Tgt Ion:180 Resp: 52756
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 33.4 27.0 40.6

