

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043243.D
 Acq On : 21 Apr 2021 12:17
 Operator : SY/MD
 Sample : M2057-20MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:41:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	97531	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99532	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53588	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17765	3.58	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	71.60%	
7) Chloroethane-d5	1.919	69	16973	3.63	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	72.60%	
11) 1,1-Dichloroethene-d2	2.575	65	11820	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	82.40%	
20) 2-Butanone-d5	4.658	46	112944	51.92	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	103.84%	
24) Chloroform-d	5.073	84	56897	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	90.20%	
26) 1,2-Dichloroethane-d4	5.713	65	35585	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	83.40%	
32) Benzene-d6	5.735	84	97953	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	84.60%	
36) 1,2-Dichloropropane-d6	6.700	67	33671	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	87.60%	
41) Toluene-d8	7.906	98	93964	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	78.00%	
43) trans-1,3-Dichloroprop...	8.186	79	13918	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	82.00%	
46) 2-Hexanone-d5	8.642	63	67511	39.88	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	79.76%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31358	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	92.80%	
66) 1,2-Dichlorobenzene-d4	12.198	152	37760	4.11	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	82.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16273	2.60	ug/L	97
3) Chloromethane	1.523	50	22118	3.59	ug/L	97
5) Vinyl chloride	1.607	62	25083	3.91	ug/L	99
6) Bromomethane	1.864	94	15250	3.99	ug/L	98
8) Chloroethane	1.938	64	18640	4.04	ug/L	88
9) Trichlorofluoromethane	2.144	101	49725	4.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29552	4.59	ug/L	94
12) 1,1-Dichloroethene	2.588	96	27639	5.10	ug/L	87
13) Acetone	2.681	43	87763	54.91	ug/L #	68
14) Carbon disulfide	2.800	76	85292	6.17	ug/L	99
15) Methyl Acetate	2.970	43	18456	6.14	ug/L #	79
16) Methylene chloride	3.054	84	32253	4.60	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	80896	4.56	ug/L #	91
18) trans-1,2-Dichloroethene	3.363	96	30096	5.21	ug/L	90
19) 1,1-Dichloroethane	3.880	63	63261	5.03	ug/L	93
21) 2-Butanone	4.736	43	144413	54.75	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	36814	5.38	ug/L	90
23) Bromochloromethane	4.986	128	16534	5.30	ug/L #	73

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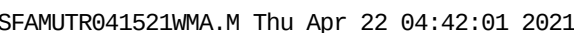
Instrument :
 MSVOA_U
 ClientSampleId :

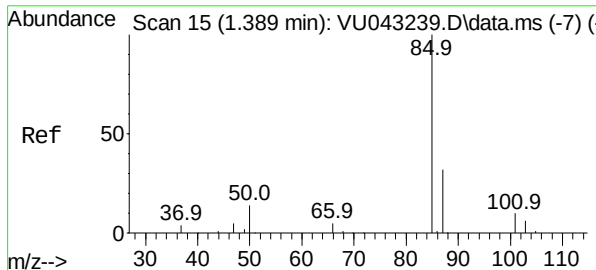
Quant Time: Apr 22 04:41:57 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	65562	4.88	ug/L	95
27) 1,2-Dichloroethane	5.803	62	52140	5.30	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	58120	4.73	ug/L	94
30) Cyclohexane	5.398	56	52922	5.03	ug/L	85
31) Carbon tetrachloride	5.533	117	49416	4.82	ug/L	99
33) Benzene	5.784	78	133047	5.00	ug/L	100
34) Trichloroethene	6.549	95	42579	5.81	ug/L	96
35) Methylcyclohexane	6.771	83	52461	5.17	ug/L	89
37) 1,2-Dichloropropane	6.800	63	38127	5.09	ug/L #	96
38) Bromodichloromethane	7.115	83	49326	4.90	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	51746	4.73	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	347747	51.88	ug/L #	83
42) Toluene	7.977	91	148766	5.00	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	47432	4.60	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26950	4.81	ug/L	94
47) Tetrachloroethene	8.562	164	29853	5.14	ug/L	88
48) 2-Hexanone	8.694	43	270566	54.85	ug/L #	82
49) Dibromochloromethane	8.816	129	35101	4.97	ug/L	96
50) 1,2-Dibromoethane	8.931	107	26690	4.79	ug/L #	99
51) Chlorobenzene	9.452	112	90287	4.76	ug/L	92
52) Ethylbenzene	9.578	91	159298	4.68	ug/L	98
53) m,p-Xylene	9.700	106	61610	4.95	ug/L	96
54) o-Xylene	10.105	106	57194	4.64	ug/L	89
55) Styrene	10.121	104	99929	4.73	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	36281	4.93	ug/L	100
59) Bromoform	10.298	173	20375	4.65	ug/L	98
60) Isopropylbenzene	10.491	105	156069	4.54	ug/L #	97
61) 1,2,3-Trichloropropane	10.829	75	28317	5.11	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	128525	4.57	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	130111	4.50	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	76437	4.68	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	76758	4.64	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	73859	4.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	6830	5.07	ug/L	84
69) 1,3,5-Trichlorobenzene	13.227	180	62151	4.64	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	52288	4.72	ug/L	99
71) Naphthalene	14.095	128	94350	5.05	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	50694	4.99	ug/L	99

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

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Response via : Initial Calibration

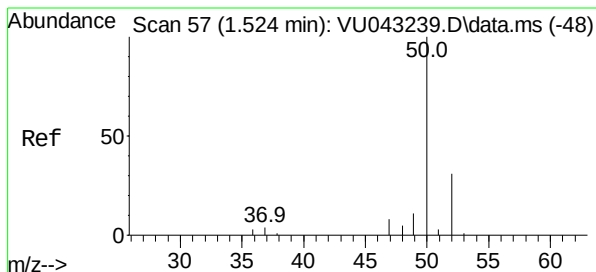
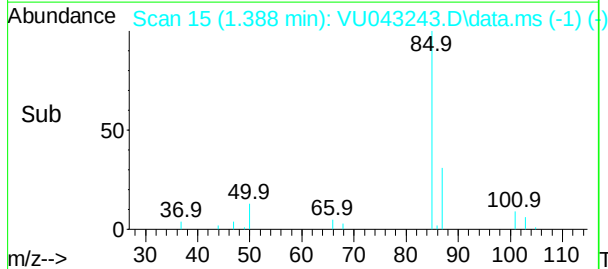
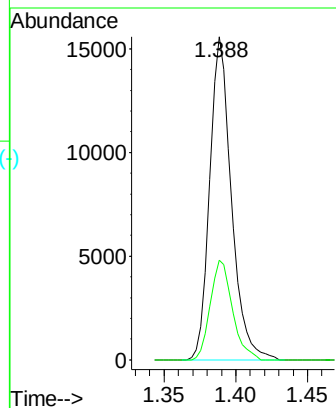
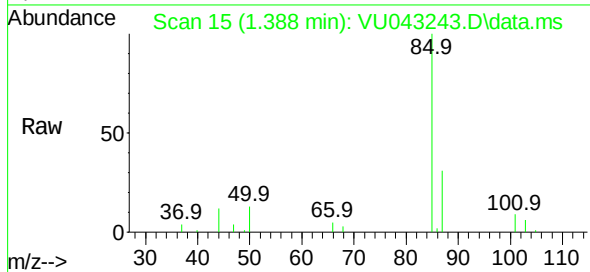




Dichlorodifluoromethane
Concen: 2.60 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

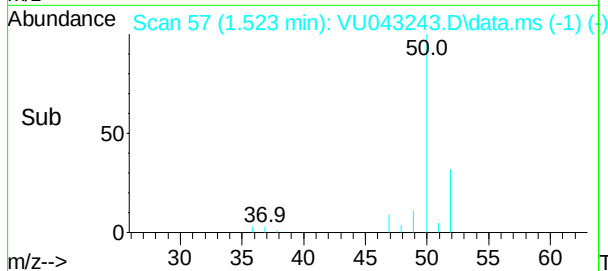
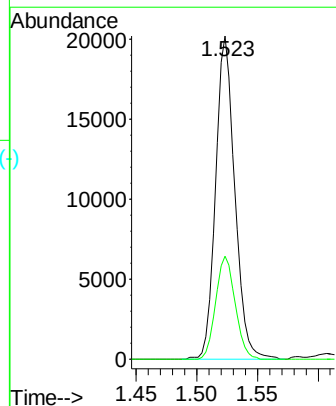
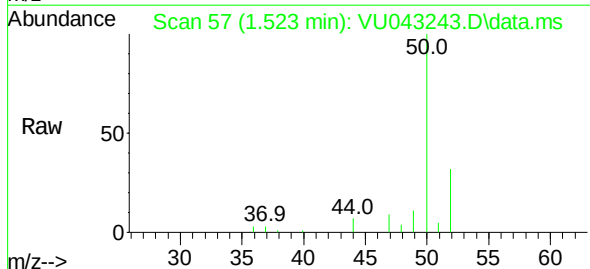
Instrument :
MSVOA_U
ClientSampled :

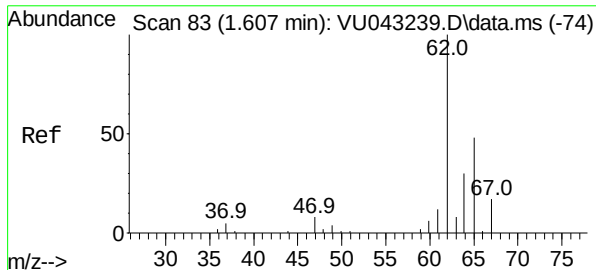
Tgt Ion: 85 Resp: 16273
Ion Ratio Lower Upper
85 100
87 31.4 26.3 39.5



Chloromethane
Concen: 3.59 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 50 Resp: 22118
Ion Ratio Lower Upper
50 100
52 31.9 23.6 43.8

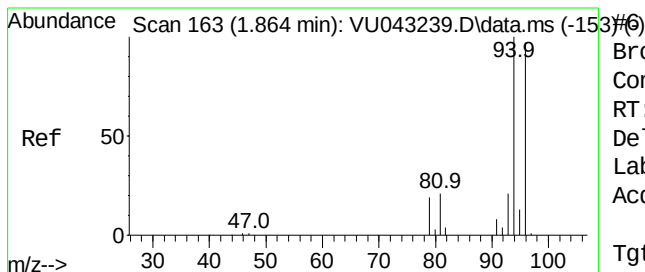
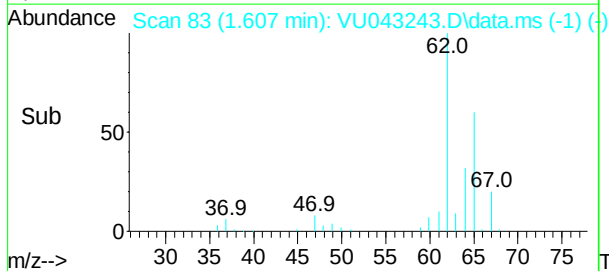
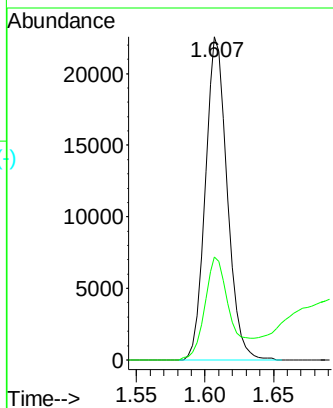
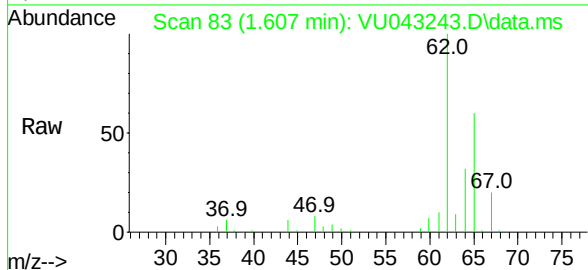




Vinyl chloride
 Concen: 3.91 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

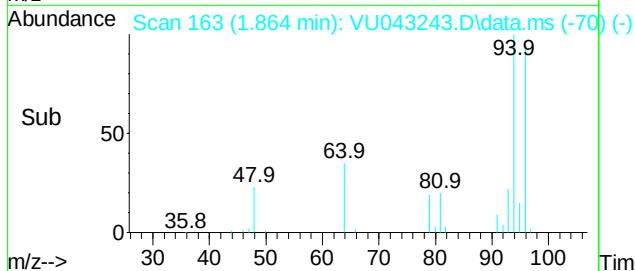
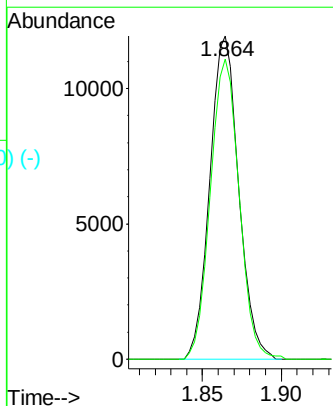
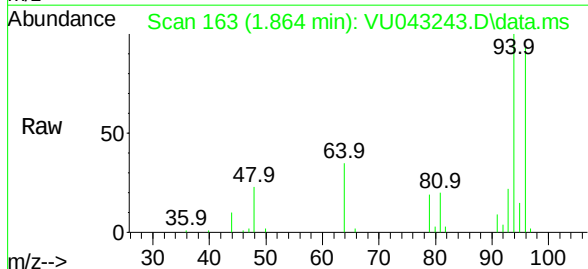
Instrument :
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 ClientSampled :

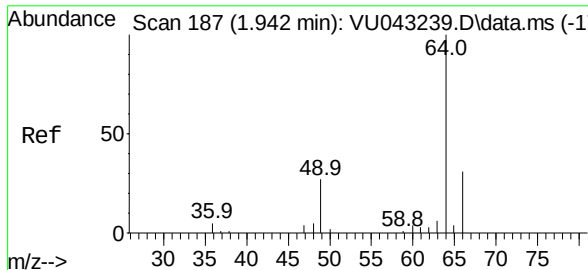
Tgt Ion: 62 Resp: 25083
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



Bromomethane
 Concen: 3.99 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion: 94 Resp: 15250
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.1 122.7

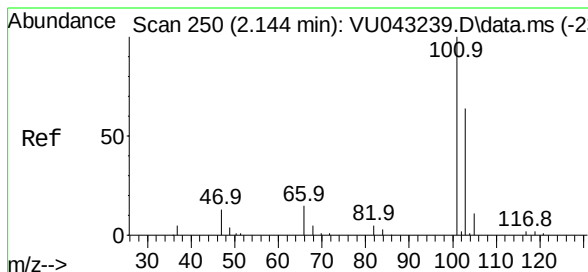
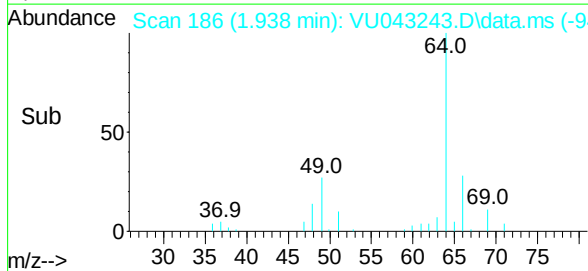
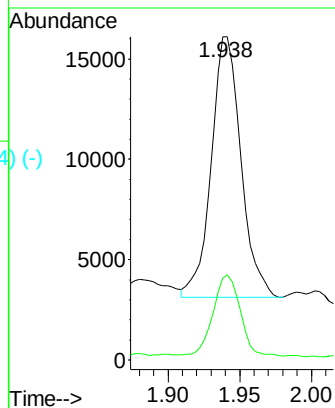
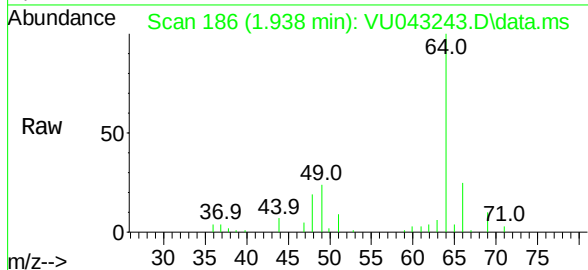




Chloroethane
 Concen: 4.04 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.003 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

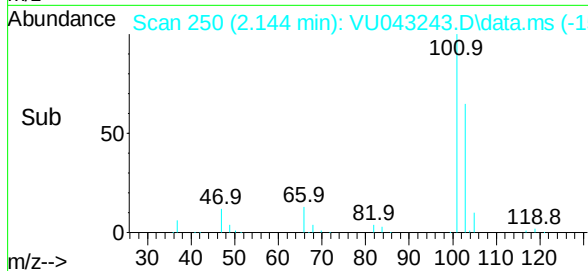
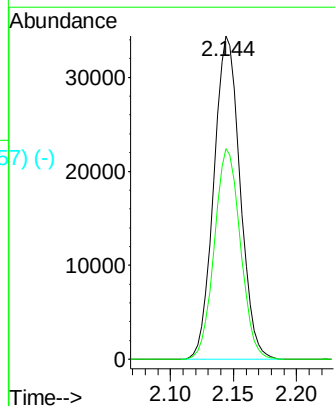
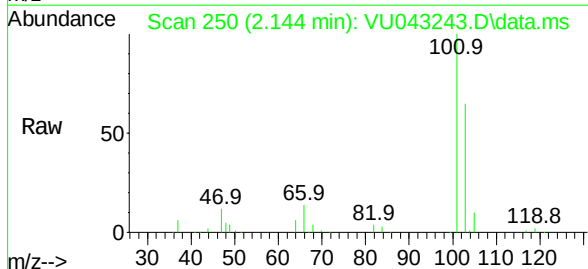
Instrument :
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 ClientSampled :

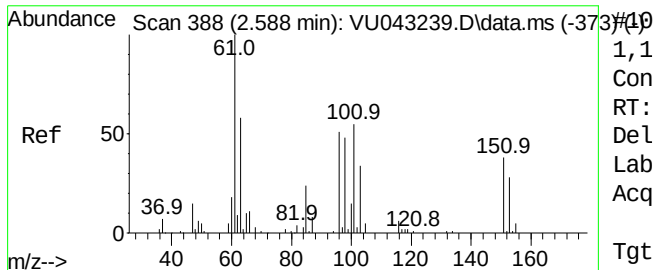
Tgt Ion: 64 Resp: 18640
 Ion Ratio Lower Upper
 64 100
 66 25.3 22.4 41.6



Trichlorofluoromethane
 Concen: 4.16 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion:101 Resp: 49725
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3

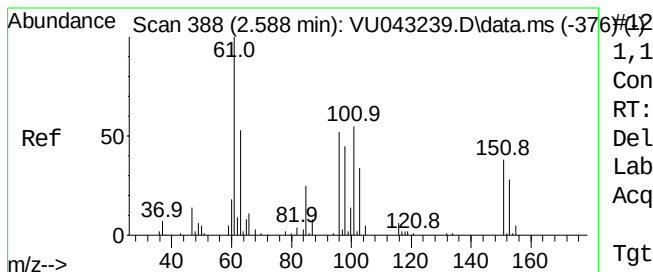
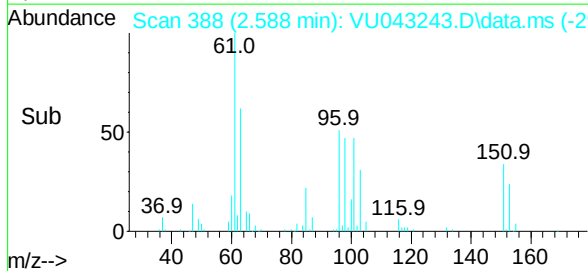
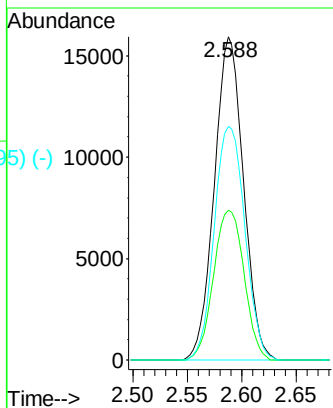
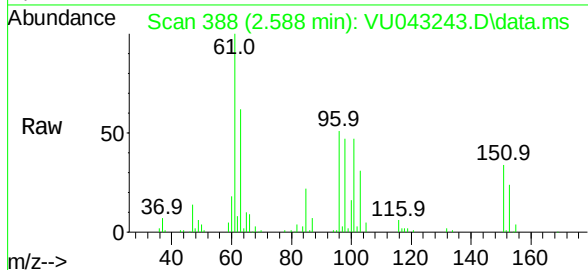




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.59 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

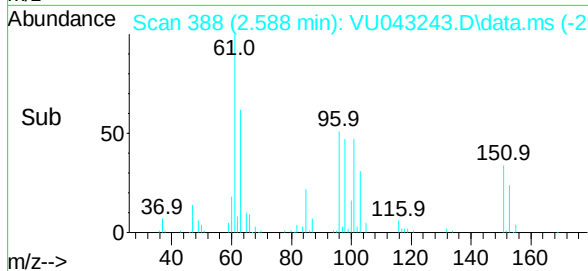
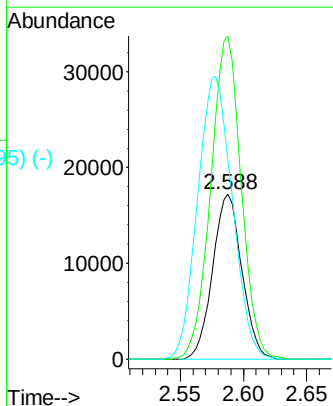
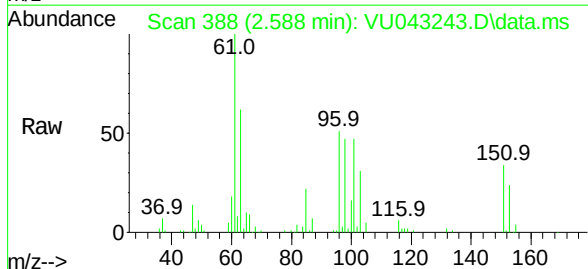
Instrument :
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 ClientSampled :

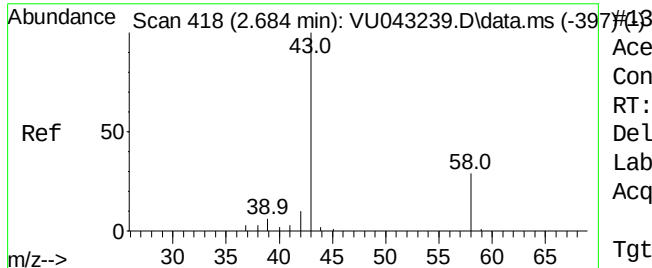
Tgt Ion:	101	Resp:	29552
Ion	Ratio	Lower	Upper
101	100		
85	48.6	34.5	51.7
151	76.1	57.4	86.2



1,1-Dichloroethene
 Concen: 5.10 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion:	96	Resp:	27639
Ion	Ratio	Lower	Upper
96	100		
61	195.4	115.1	213.7
63	120.4	84.1	156.1

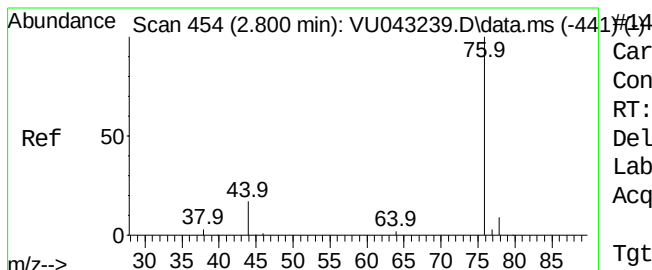
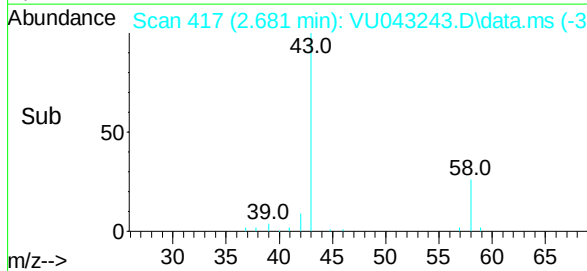
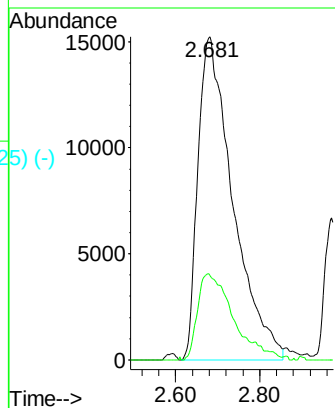
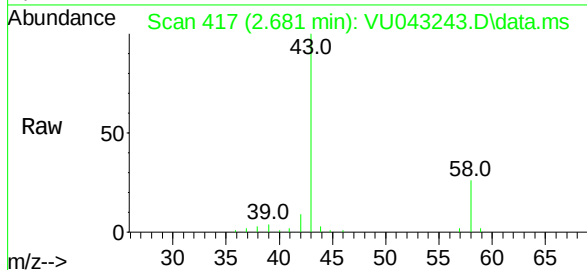




Acetone
 Concen: 54.91 ug/L
 RT: 2.681 min Scan# 417
 Delta R.T. -0.003 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

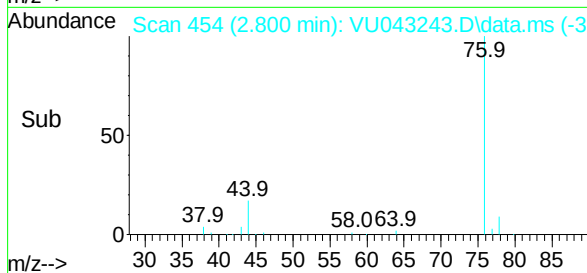
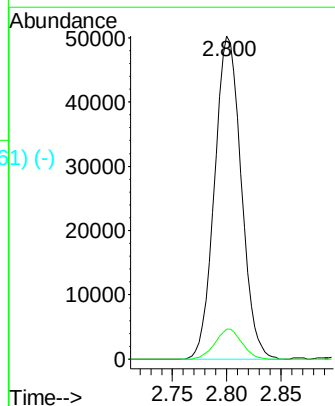
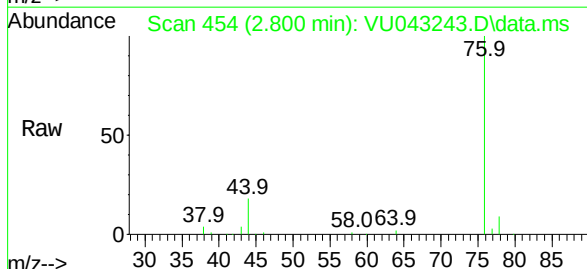
Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 43 Resp: 87763
 Ion Ratio Lower Upper
 43 100
 58 25.1 0.0 25.0#



Carbon disulfide
 Concen: 6.17 ug/L
 RT: 2.800 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

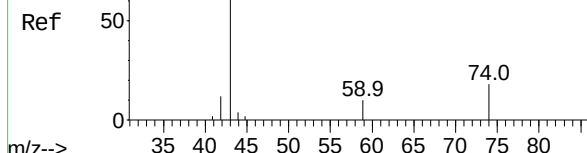
Tgt Ion: 76 Resp: 85292
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.5 11.3



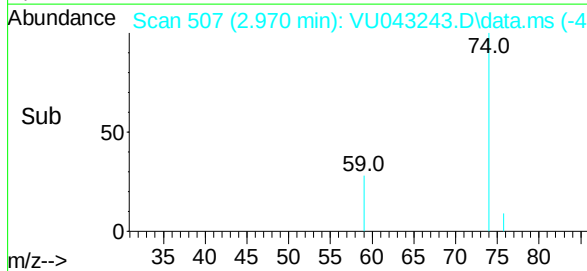
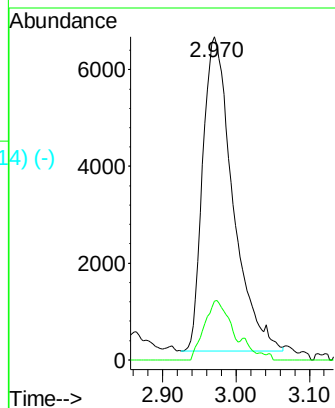
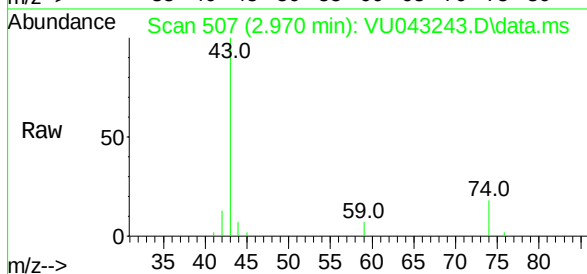
Abundance Scan 507 (2.971 min): VU043239.D\data.ms (-492) #15

Methyl Acetate
Concen: 6.14 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :



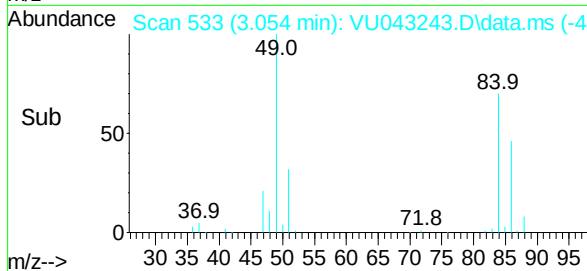
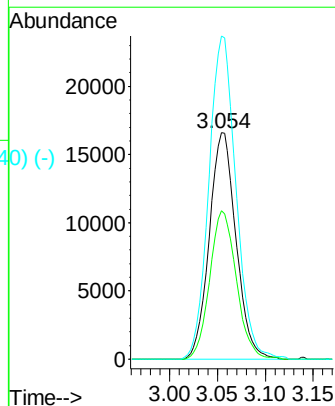
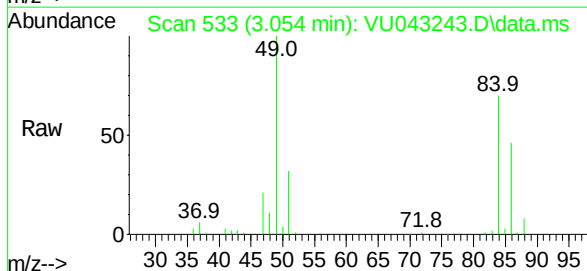
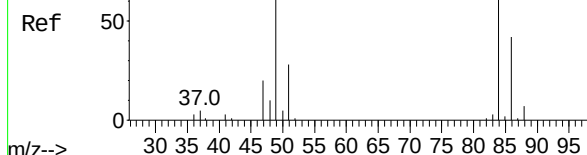
Tgt Ion: 43 Resp: 18456
Ion Ratio Lower Upper
43 100
74 15.9 21.5 32.3#



Abundance Scan 533 (3.054 min): VU043239.D\data.ms (-520) #16

Methylene chloride
Concen: 4.60 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

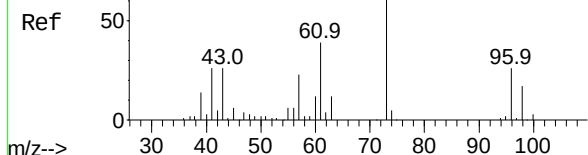
Tgt Ion: 84 Resp: 32253
Ion Ratio Lower Upper
84 100
86 65.4 44.9 83.5
49 142.5 79.0 146.8



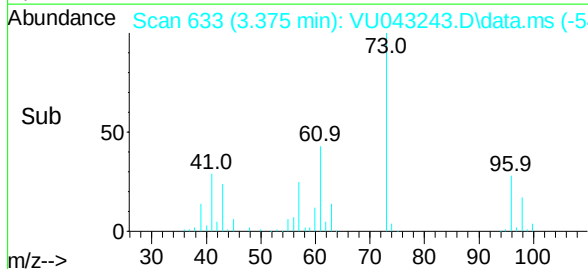
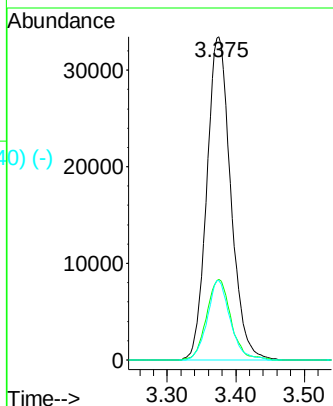
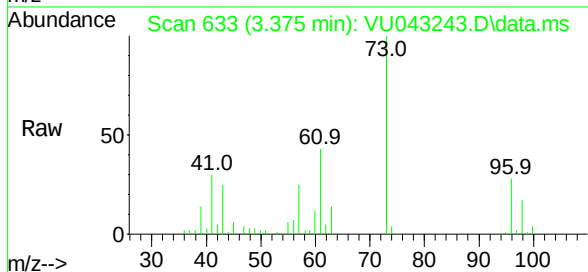
Abundance Scan 633 (3.376 min): VU043239.D\data.ms (-615) #17

Methyl tert-butyl Ether
Concen: 4.56 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :



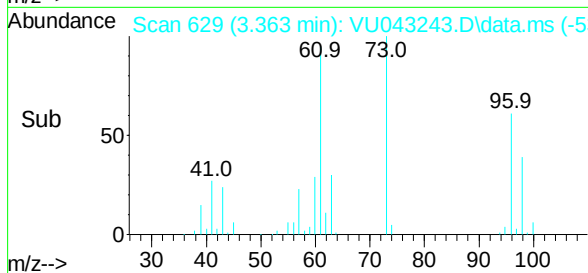
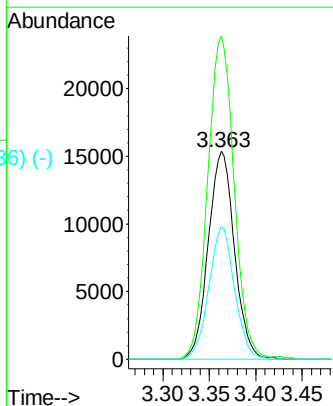
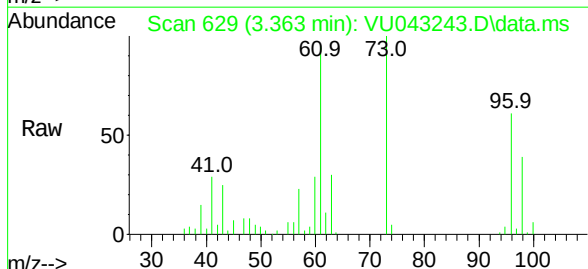
Tgt Ion:	73	Resp:	80896
Ion	Ratio	Lower	Upper
73	100		
43	25.4	15.0	22.4#
57	23.6	17.3	25.9

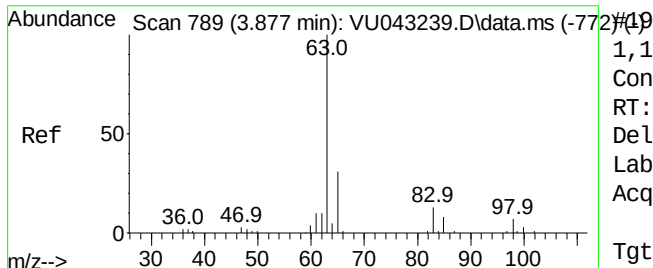


Abundance Scan 629 (3.363 min): VU043239.D\data.ms (-614) #18

trans-1,2-Dichloroethene
Concen: 5.21 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	96	Resp:	30096
Ion	Ratio	Lower	Upper
96	100		
61	155.6	96.6	179.4
98	63.7	44.7	82.9

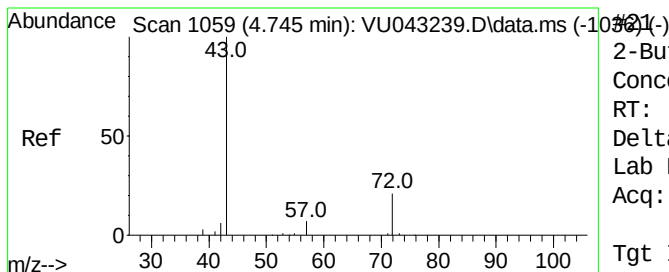
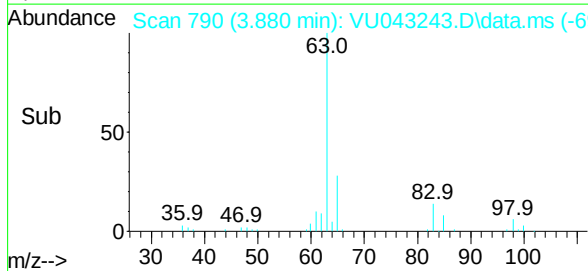
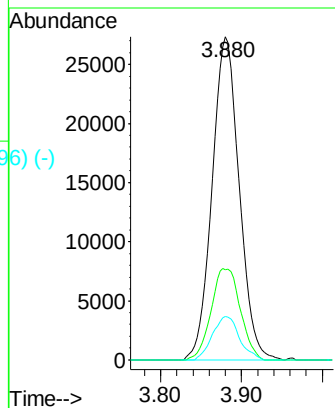
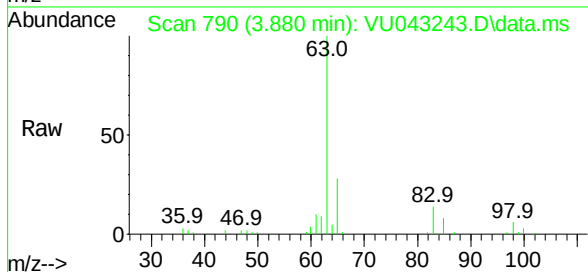




1,1-Dichloroethane
 Concen: 5.03 ug/L
 RT: 3.880 min Scan# 790
 Delta R.T. 0.003 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

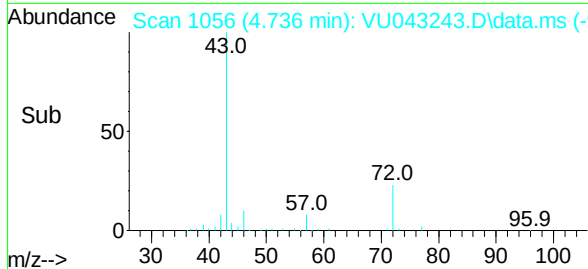
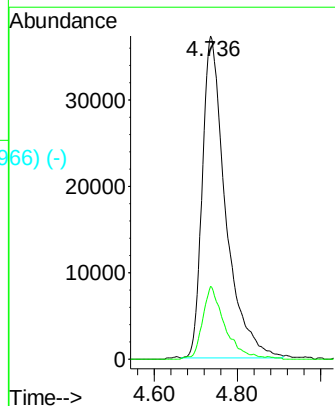
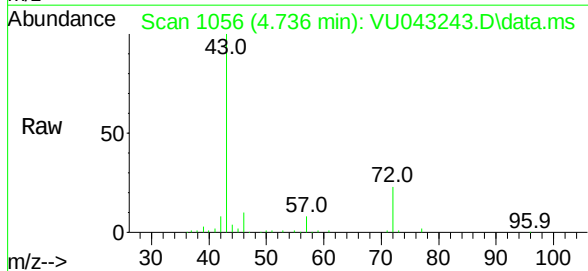
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	63	Resp:	63261
Ion	Ratio	Lower	Upper
63	100		
65	27.9	23.2	43.0
83	13.5	9.9	18.3

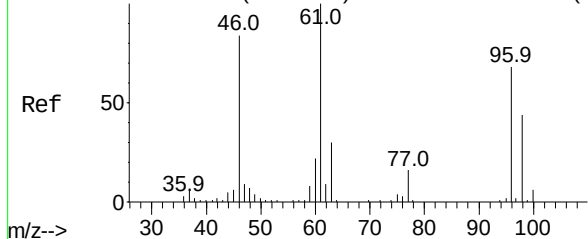


2-Butanone
 Concen: 54.75 ug/L
 RT: 4.736 min Scan# 1056
 Delta R.T. -0.010 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion:	43	Resp:	144413
Ion	Ratio	Lower	Upper
43	100		
72	21.1	15.8	47.3



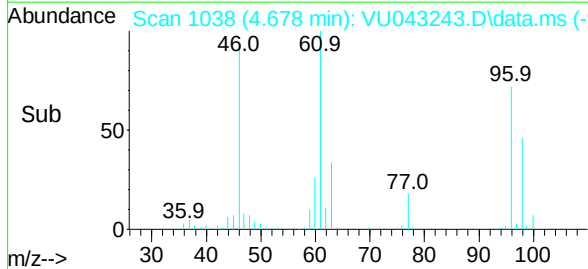
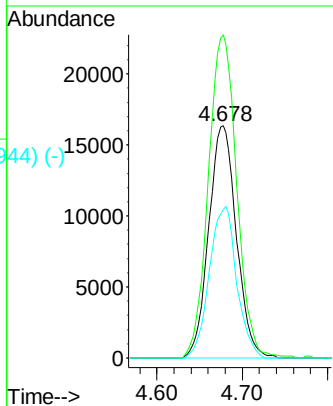
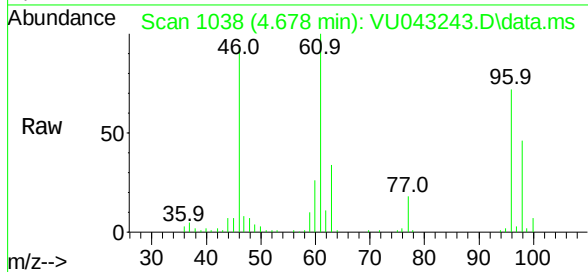
Abundance Scan 1037 (4.675 min): VU043239.D\data.ms (-1022)



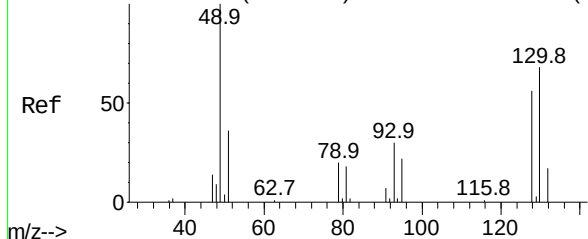
cis-1,2-Dichloroethene
Concen: 5.38 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	96	Resp:	36814
Ion	Ratio	Lower	Upper
96	100		
61	139.3	87.4	162.4
98	63.9	47.7	88.5

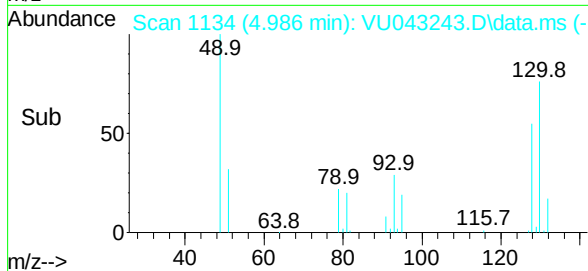
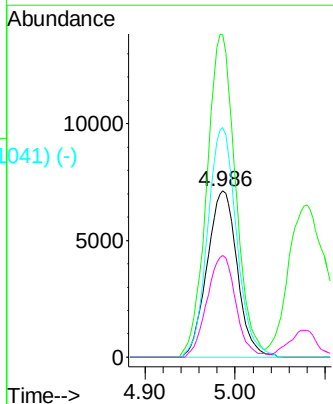
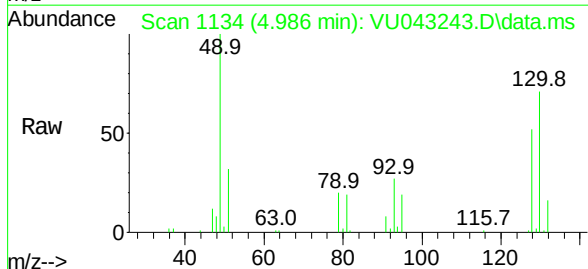


Abundance Scan 1134 (4.987 min): VU043239.D\data.ms (-1120)

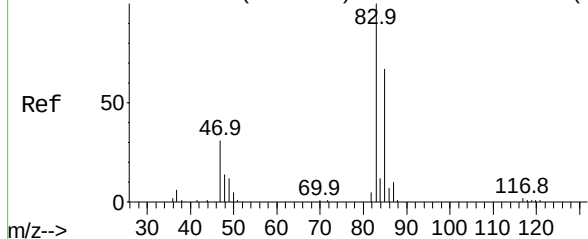


Bromochloromethane
Concen: 5.30 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	128	Resp:	16534
Ion	Ratio	Lower	Upper
128	100		
49	194.1	96.4	179.0#
130	138.5	91.2	169.4
51	61.4	35.0	52.6#



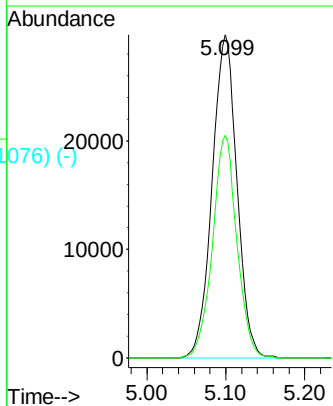
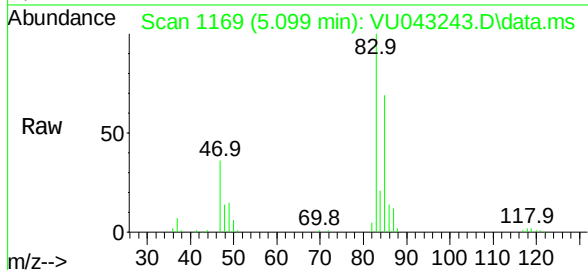
Abundance Scan 1169 (5.099 min): VU043239.D\data.ms (-11525-)



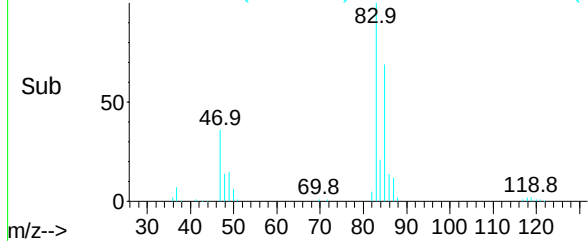
Chloroform
Concen: 4.88 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

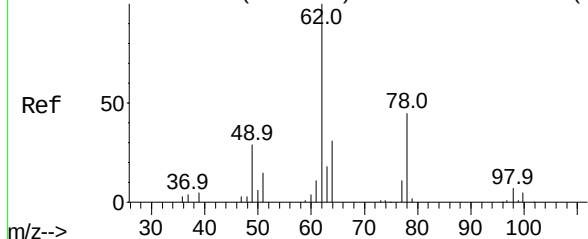
Tgt Ion: 83 Resp: 65562
Ion Ratio Lower Upper
83 100
85 68.9 45.6 84.8



Abundance Scan 1169 (5.099 min): VU043243.D\data.ms (-1076-)

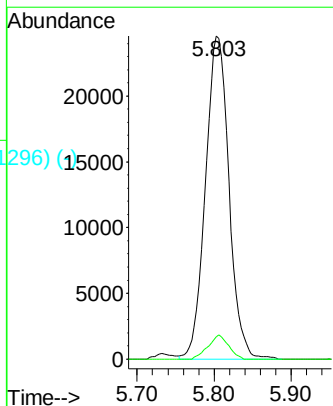
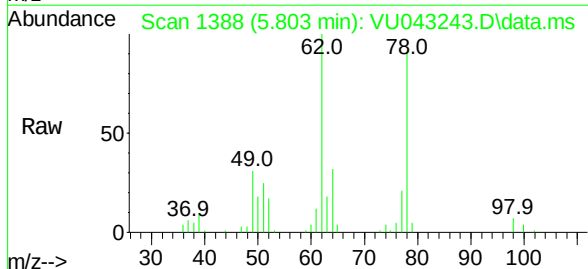


Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)

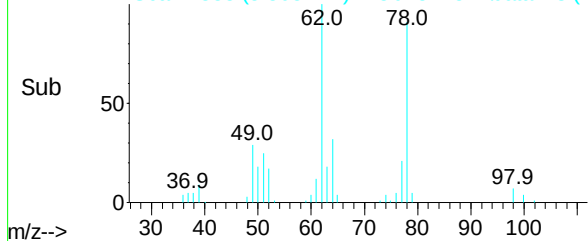


1,2-Dichloroethane
Concen: 5.30 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

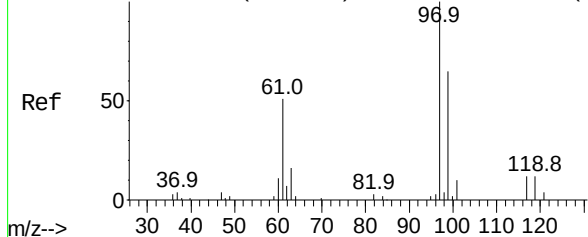
Tgt Ion: 62 Resp: 52140
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#



Abundance Scan 1388 (5.803 min): VU043243.D\data.ms (-1296-)



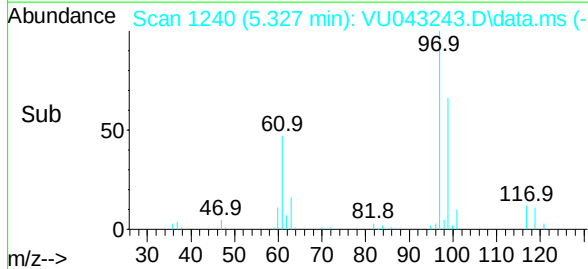
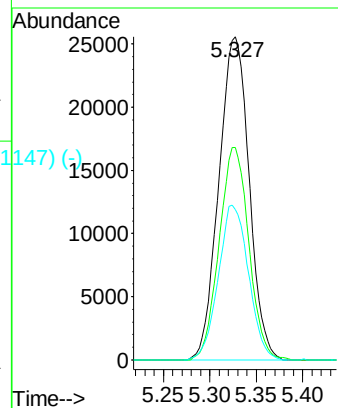
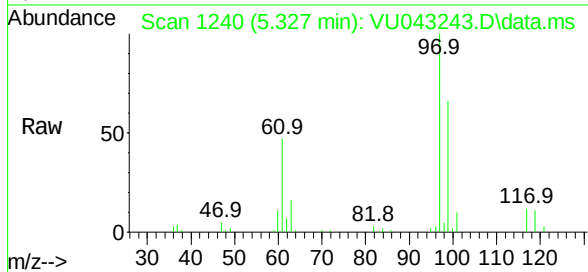
Abundance Scan 1240 (5.327 min): VU043239.D\data.ms (-1229)



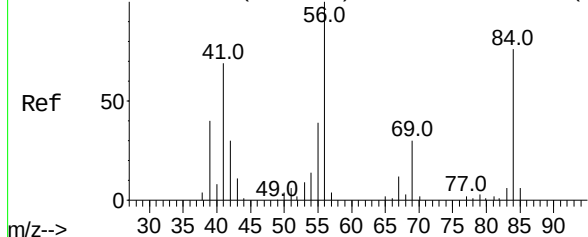
1,1,1-Trichloroethane
Concen: 4.73 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.3	75.5
61	47.8	32.7	49.1

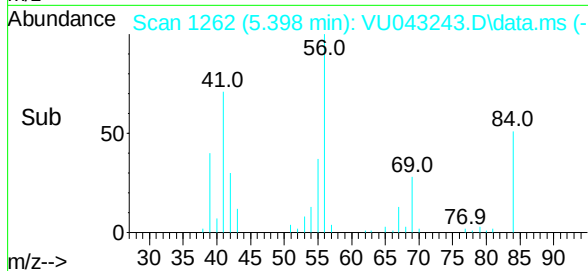
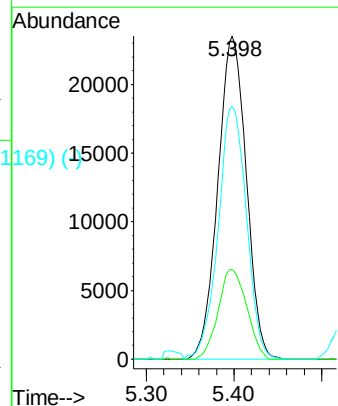
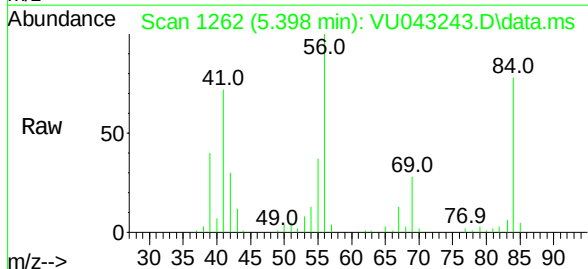


Abundance Scan 1262 (5.398 min): VU043239.D\data.ms (-1240)



Cyclohexane
Concen: 5.03 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

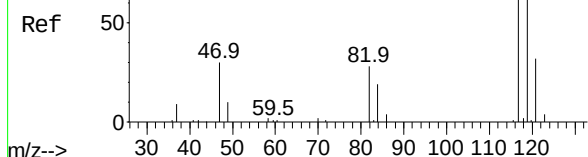
Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.2	37.8
84	77.9	76.2	114.4



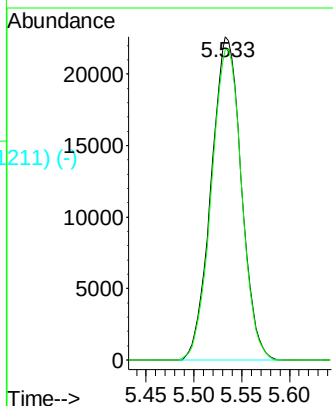
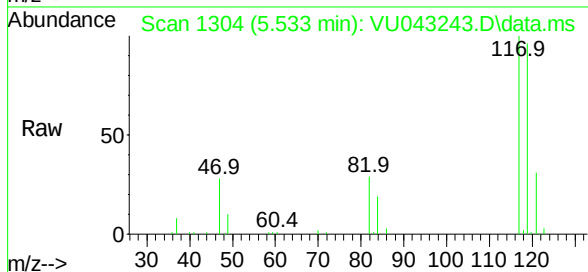
Abundance Scan 1304 (5.533 min): VU043239.D\data.ms (-1289) (-)

Carbon tetrachloride
Concen: 4.82 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

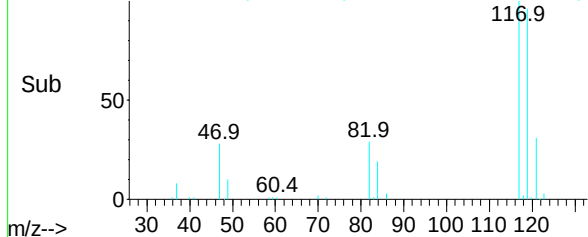
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:117 Resp: 49416
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



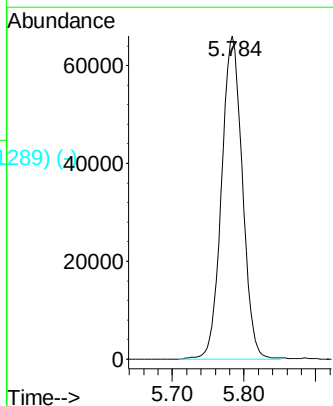
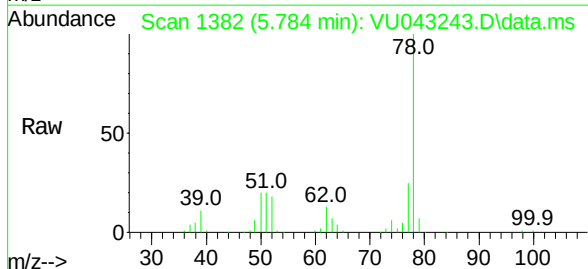
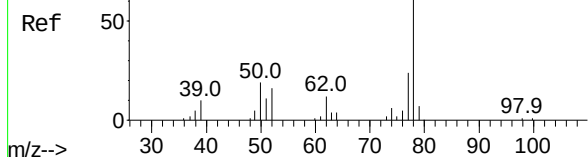
Abundance Scan 1304 (5.533 min): VU043243.D\data.ms (-1211) (-)



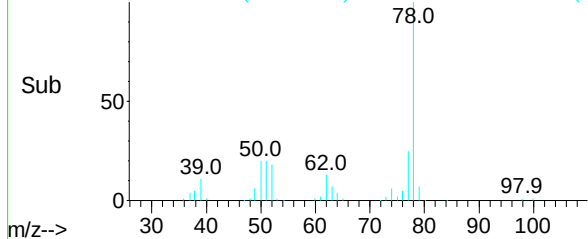
Abundance Scan 1382 (5.784 min): VU043239.D\data.ms (-1359) (-)

Benzene
Concen: 5.00 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

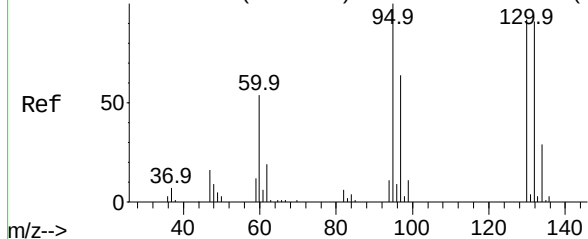
Tgt Ion: 78 Resp: 133047



Abundance Scan 1382 (5.784 min): VU043243.D\data.ms (-1289) (-)

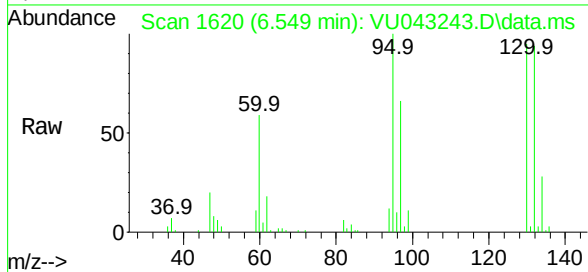


Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16074)

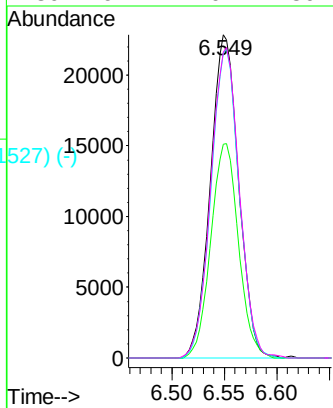
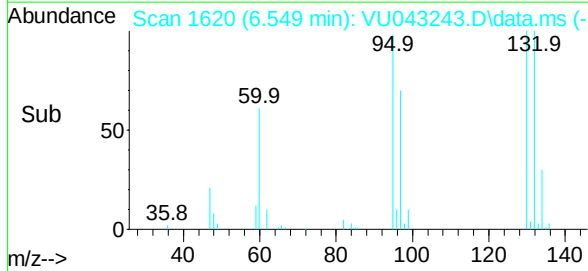


Trichloroethene
Concen: 5.81 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

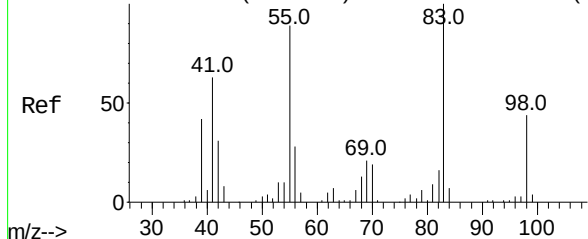
Instrument :
MSVOA_U
ClientSampled :



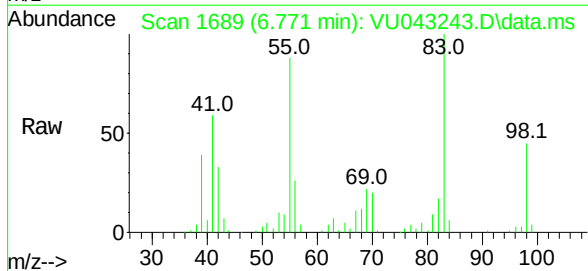
Tgt Ion:	95	Resp:	42579
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.8	85.2
132	94.3	68.7	127.7
130	94.7	70.1	130.3



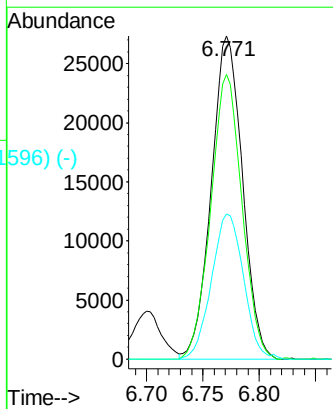
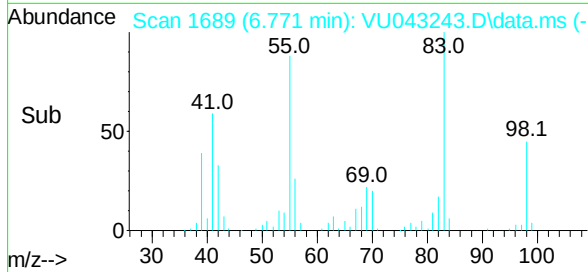
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-16735)



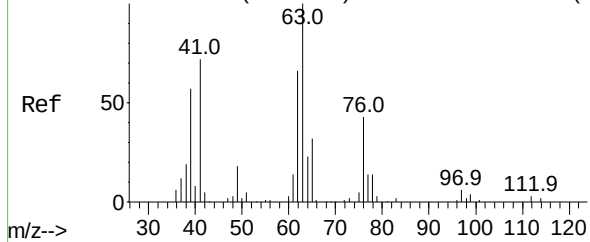
Methylcyclohexane
Concen: 5.17 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17



Tgt Ion:	83	Resp:	52461
Ion	Ratio	Lower	Upper
83	100		
55	88.3	59.5	89.3
98	46.2	37.9	56.9



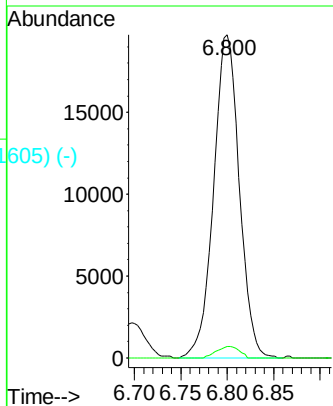
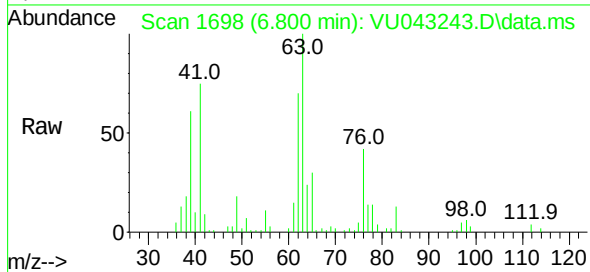
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-1605) (-)



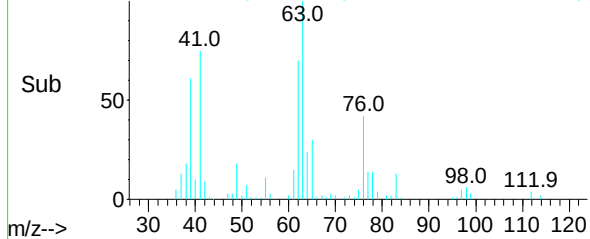
1,2-Dichloropropane
Concen: 5.09 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

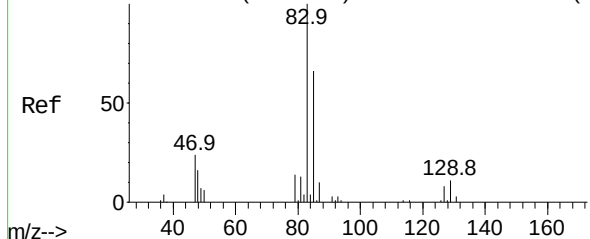
Tgt Ion: 63 Resp: 38127
Ion Ratio Lower Upper
63 100
112 3.1 3.5 5.3#



Abundance Scan 1698 (6.800 min): VU043243.D\data.ms (-1605) (-)

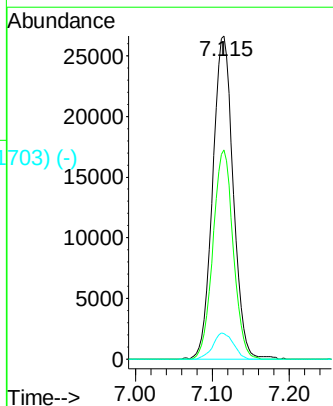
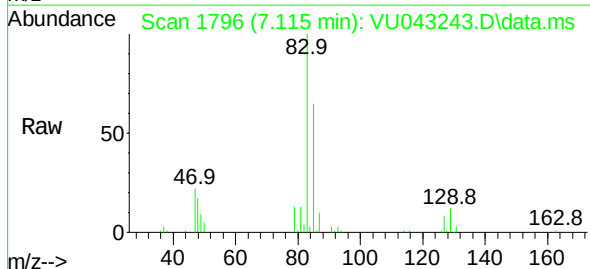


Abundance Scan 1796 (7.115 min): VU043239.D\data.ms (-1703) (-)

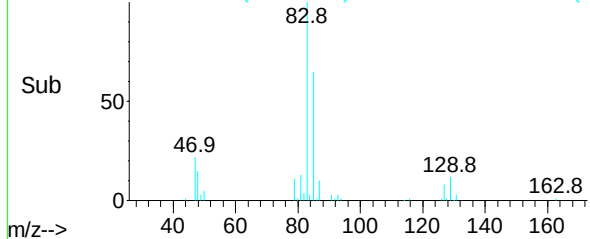


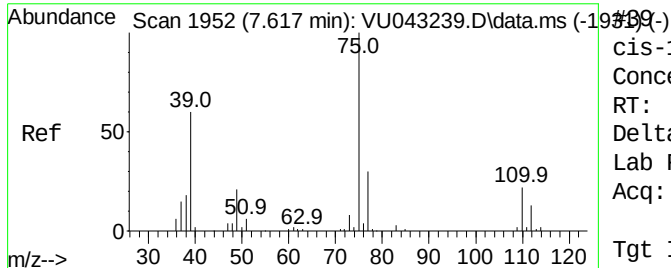
Bromodichloromethane
Concen: 4.90 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 83 Resp: 49326
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8
127 7.8 7.4 11.2



Abundance Scan 1796 (7.115 min): VU043243.D\data.ms (-1703) (-)

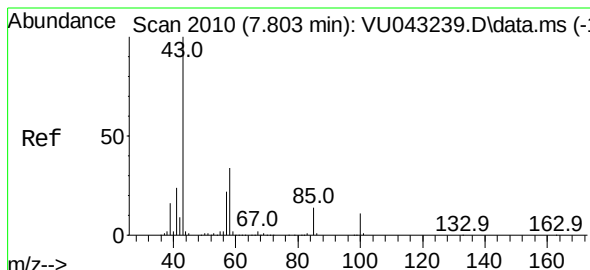
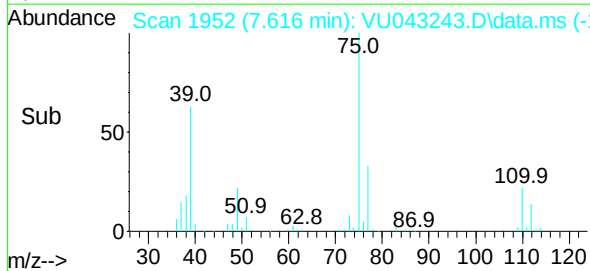
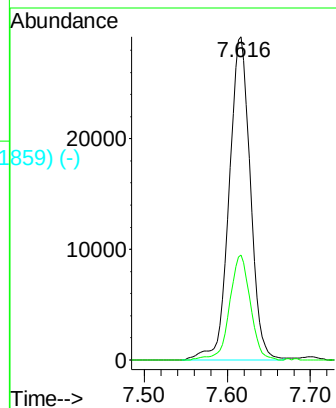
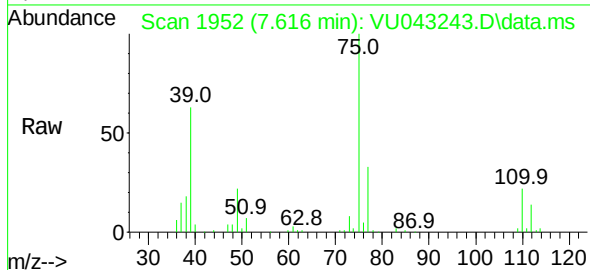




cis-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

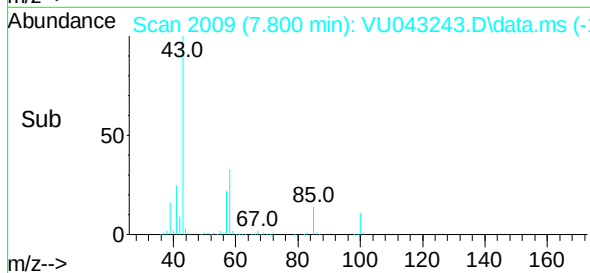
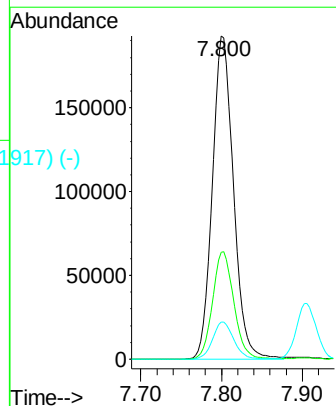
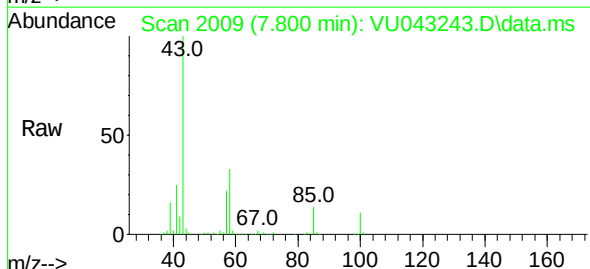
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 51746
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6

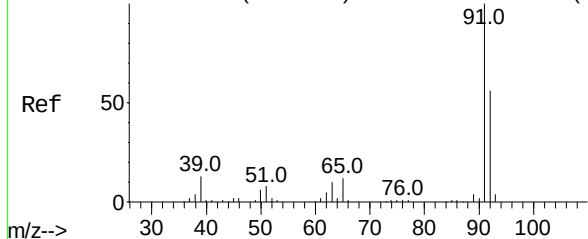


4-Methyl-2-pentanone
Concen: 51.88 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 43 Resp: 347747
Ion Ratio Lower Upper
43 100
58 33.6 35.8 53.6#
100 11.5 15.1 22.7#



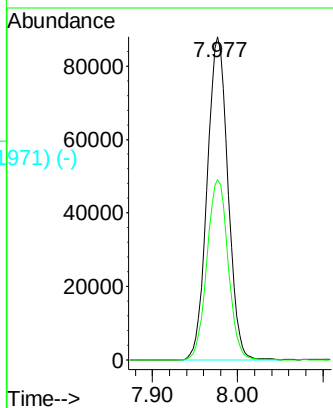
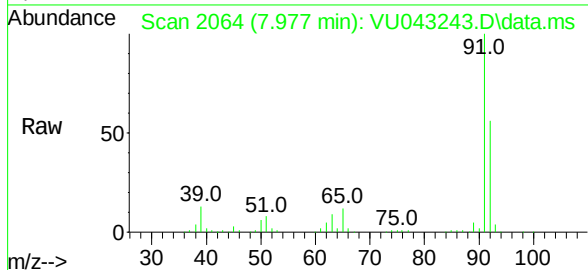
Abundance Scan 2064 (7.977 min): VU043239.D\data.ms (-20502-)



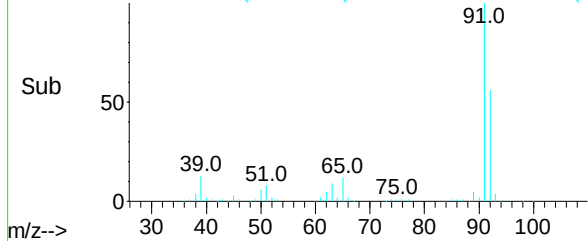
Toluene
Concen: 5.00 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

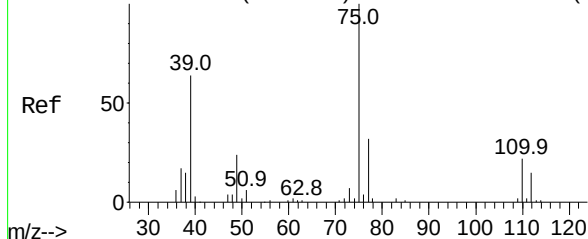
Tgt Ion: 91 Resp: 148766
Ion Ratio Lower Upper
91 100
92 55.8 40.9 76.0



Abundance Scan 2064 (7.977 min): VU043243.D\data.ms (-1971-)

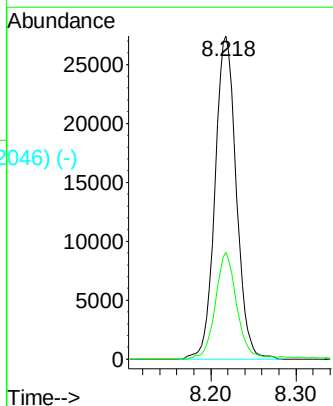
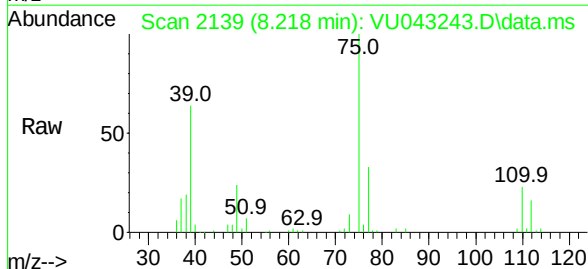


Abundance Scan 2139 (8.218 min): VU043239.D\data.ms (-21294-)

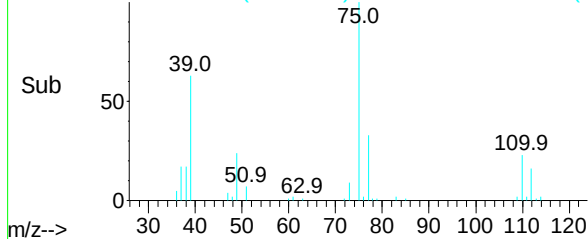


trans-1,3-Dichloropropene
Concen: 4.60 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

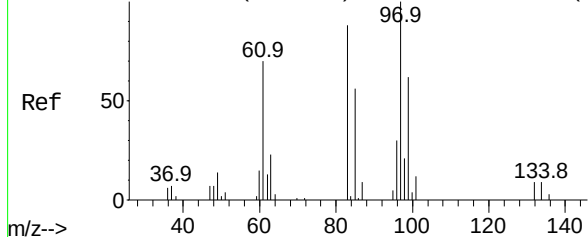
Tgt Ion: 75 Resp: 47432
Ion Ratio Lower Upper
75 100
77 33.0 23.4 43.4



Abundance Scan 2139 (8.218 min): VU043243.D\data.ms (-2046-)



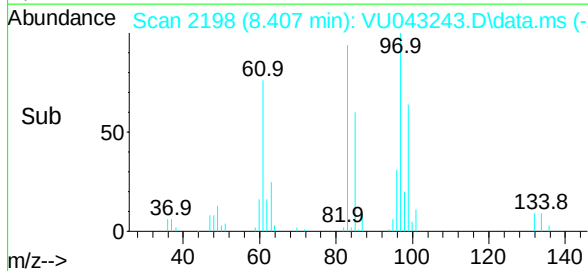
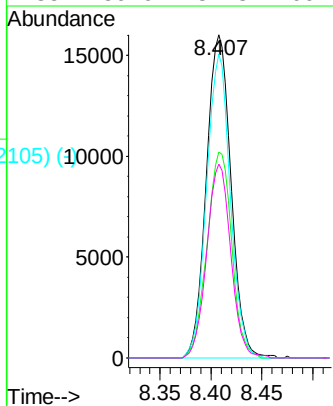
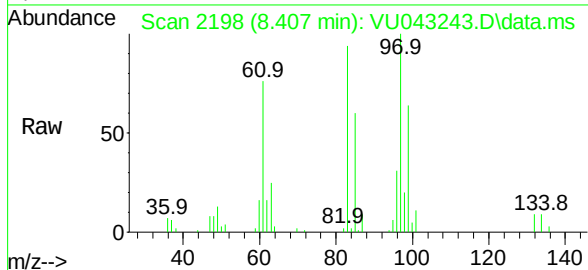
Abundance Scan 2198 (8.408 min): VU043239.D\data.ms (-2195) (-)



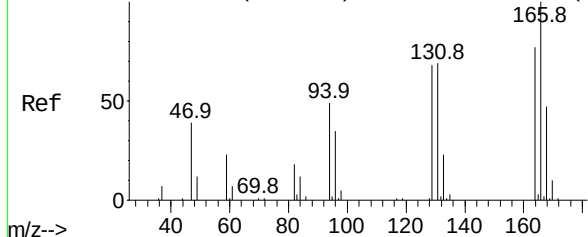
1,1,2-Trichloroethane
Concen: 4.81 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	97	Resp:	26950
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.2	82.0
83	94.0	60.1	111.7
85	59.9	37.3	69.3

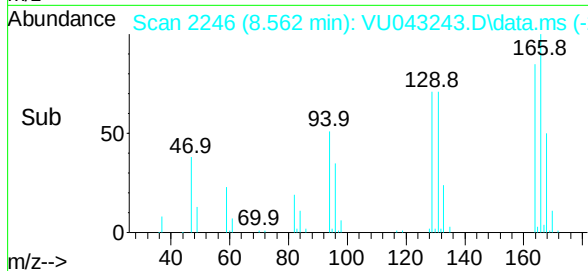
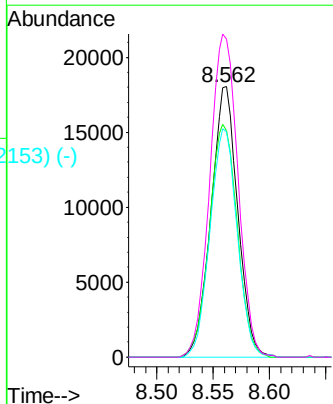
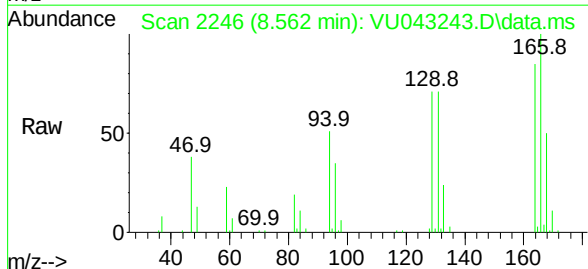


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)

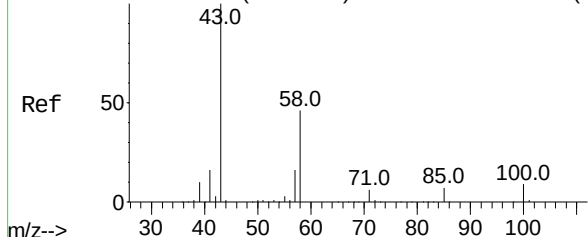


Tetrachloroethene
Concen: 5.14 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	164	Resp:	29853
Ion	Ratio	Lower	Upper
164	100		
129	83.7	66.6	123.8
131	83.2	65.9	122.3
166	117.6	93.7	173.9

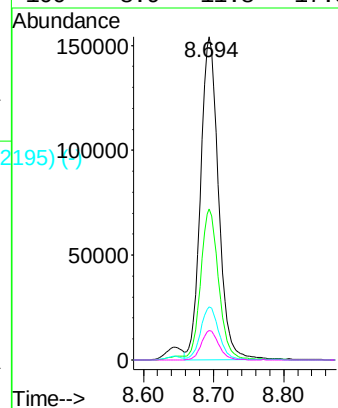
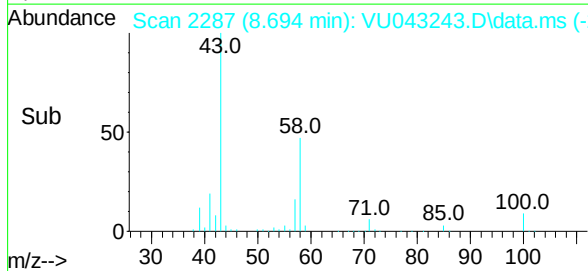
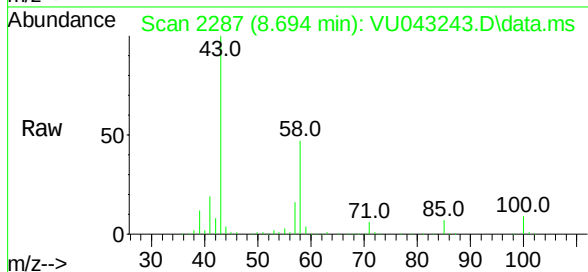


Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-22769)

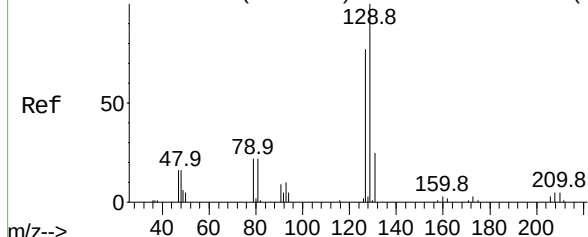


2-Hexanone
Concen: 54.85 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	43	Resp:	270566
Ion	Ratio	Lower	Upper
43	100		
58	46.3	50.0	75.0#
57	16.5	17.4	26.0#
100	8.9	11.8	17.8#

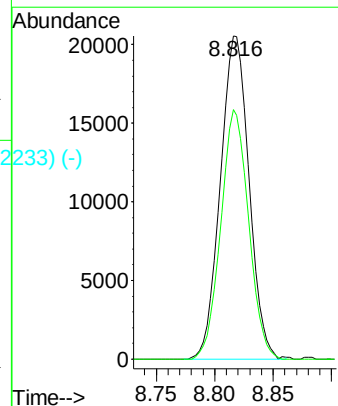
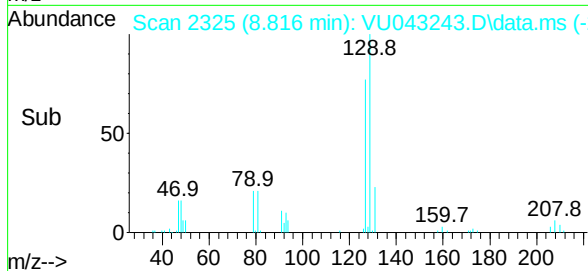
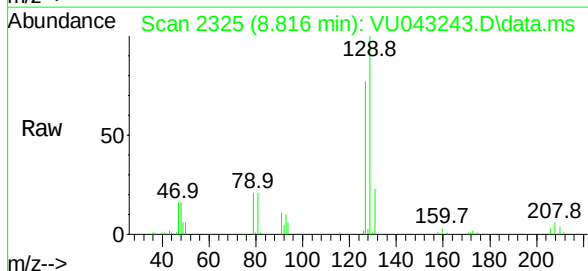


Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-23149)



Dibromochloromethane
Concen: 4.97 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

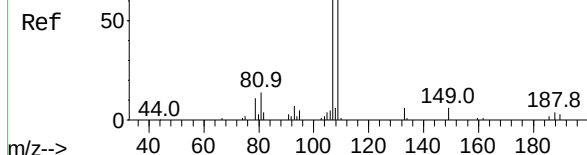
Tgt Ion:	129	Resp:	35101
Ion	Ratio	Lower	Upper
129	100		
127	77.2	56.6	105.2



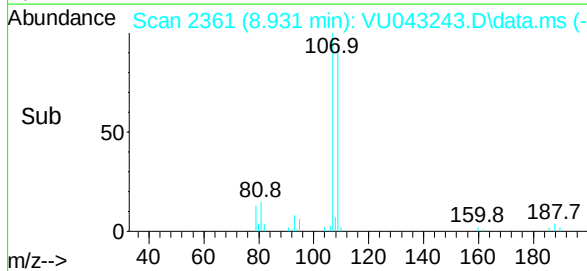
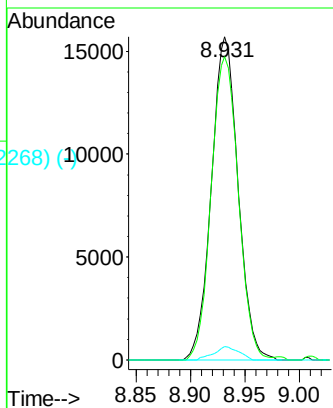
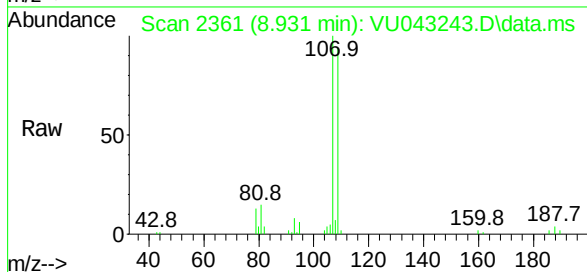
Abundance Scan 2361 (8.932 min): VU043239.D\data.ms (-23450-)

1,2-Dibromoethane
Concen: 4.79 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :



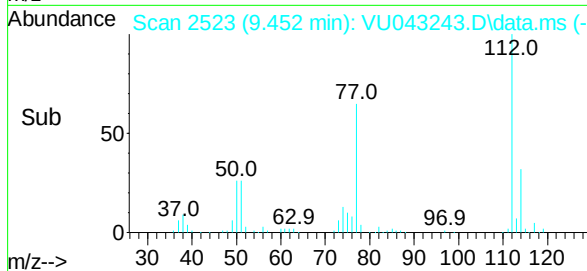
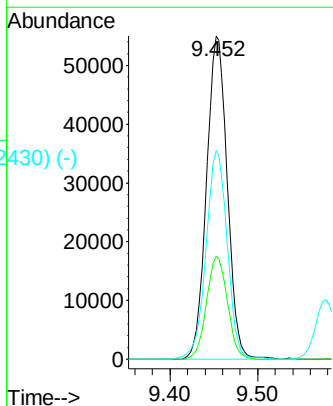
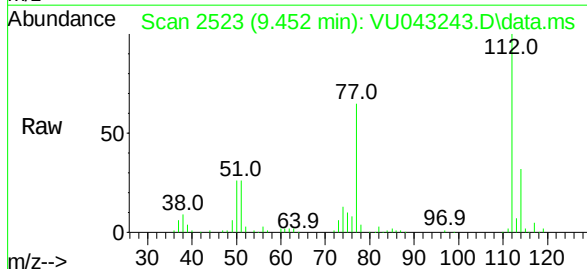
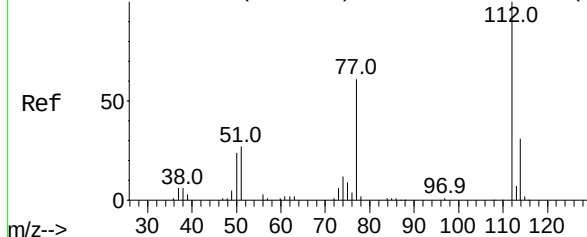
Tgt Ion:	107	Resp:	26690
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.4	121.4
188	4.2	2.5	3.7#



Abundance Scan 2523 (9.453 min): VU043239.D\data.ms (-25151-)

Chlorobenzene
Concen: 4.76 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

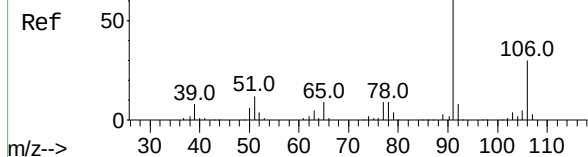
Tgt Ion:	112	Resp:	90287
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.9	40.7
77	64.6	45.1	67.7



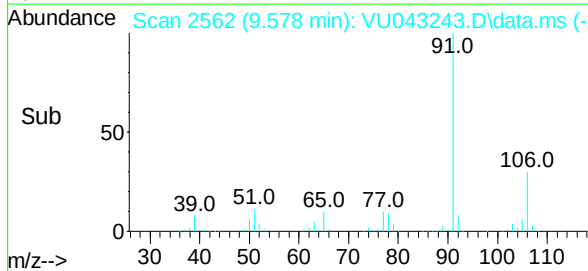
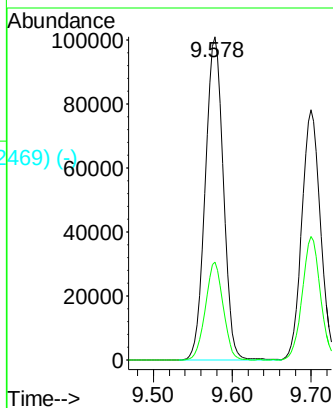
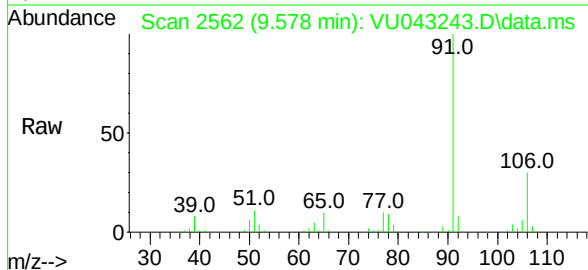
Abundance Scan 2562 (9.578 min): VU043239.D\data.ms (-25462-)

Ethylbenzene
Concen: 4.68 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :



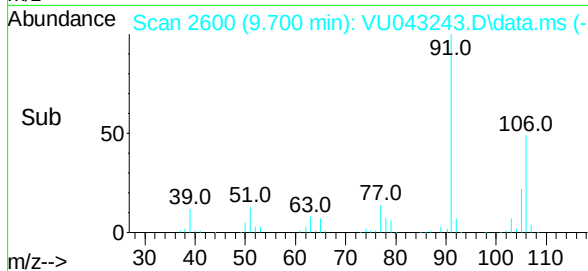
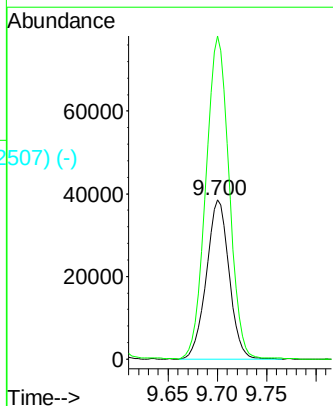
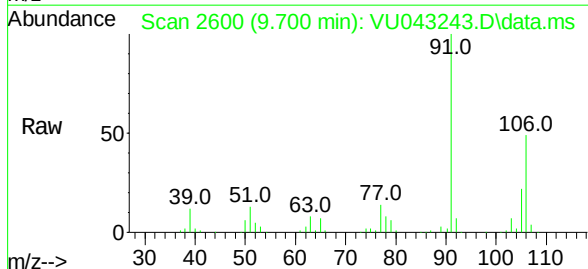
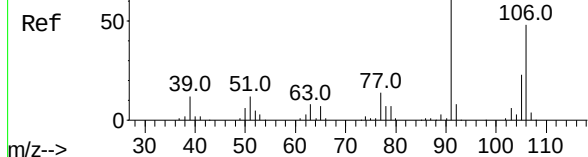
Tgt Ion: 91 Resp: 159298
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



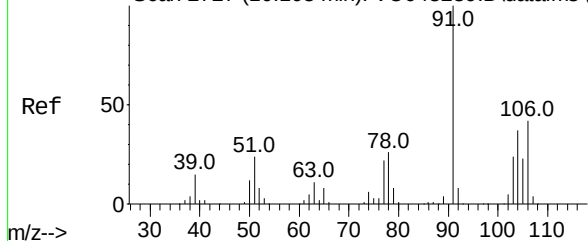
Abundance Scan 2600 (9.700 min): VU043239.D\data.ms (-25463-)

m,p-Xylene
Concen: 4.95 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:106 Resp: 61610
Ion Ratio Lower Upper
106 100
91 202.6 137.6 255.6



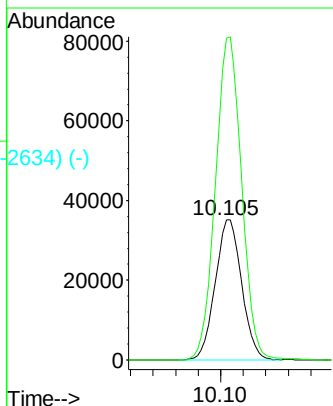
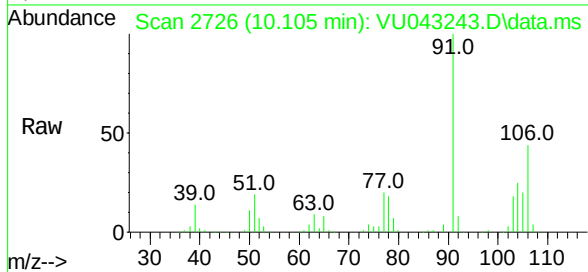
Abundance Scan 2727 (10.108 min): VU043239.D\data.ms (-2754) (-)



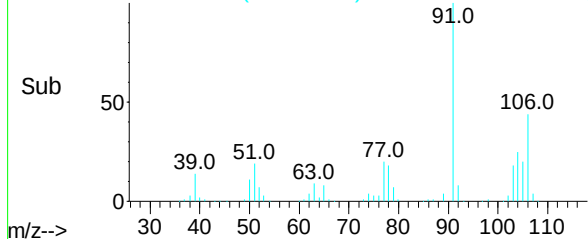
o-Xylene
Concen: 4.64 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

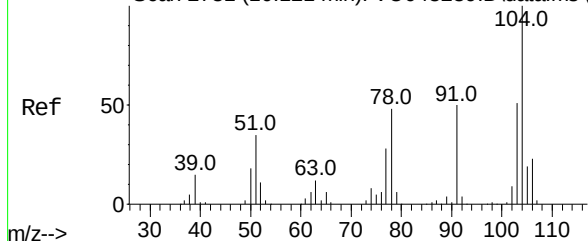
Tgt Ion:106 Resp: 57194
Ion Ratio Lower Upper
106 100
91 229.7 148.5 275.9



Abundance Scan 2726 (10.105 min): VU043243.D\data.ms (-2634) (-)

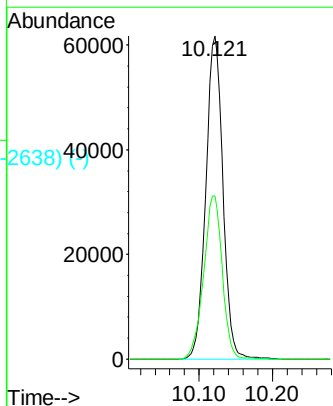
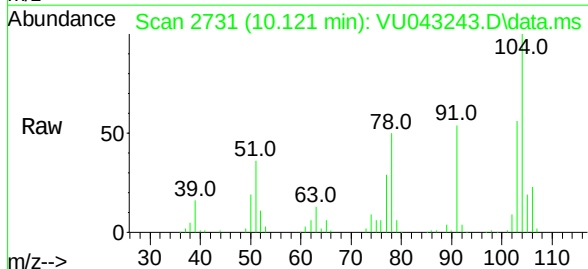


Abundance Scan 2731 (10.121 min): VU043239.D\data.ms (-2755) (-)

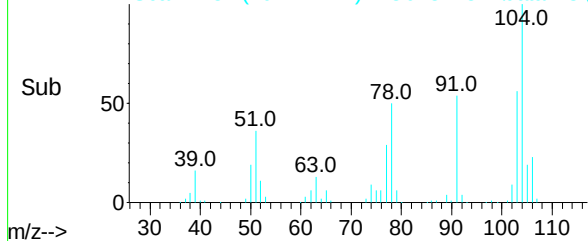


Styrene
Concen: 4.73 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:104 Resp: 99929
Ion Ratio Lower Upper
104 100
78 50.4 32.3 60.1



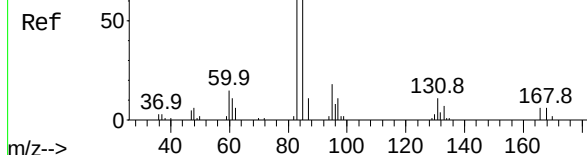
Abundance Scan 2731 (10.121 min): VU043243.D\data.ms (-2638) (-)



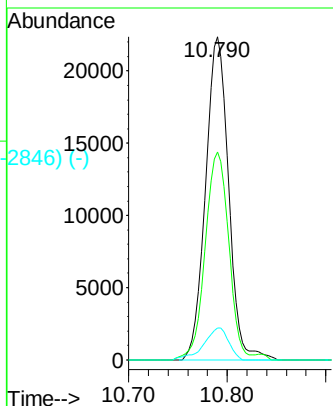
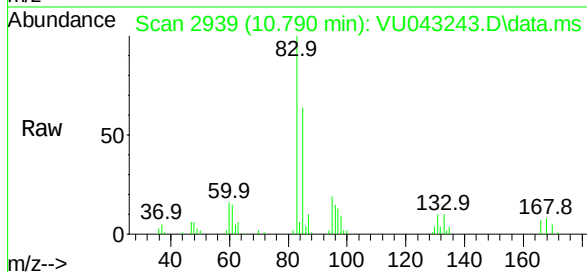
Abundance Scan 2939 (10.790 min): VU043239.D\data.ms (-2955) (-)

1,1,2,2-Tetrachloroethane
Concen: 4.93 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

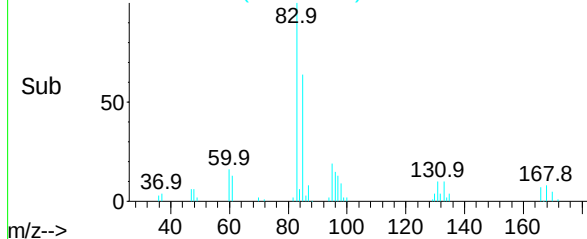
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion	83	Resp	36281
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.9	83.5
131	9.8	8.2	12.4



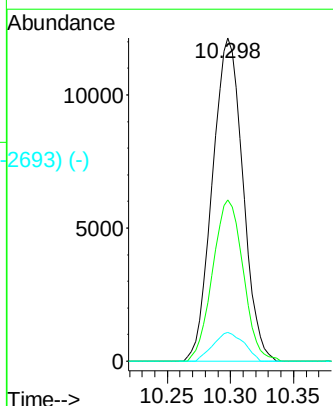
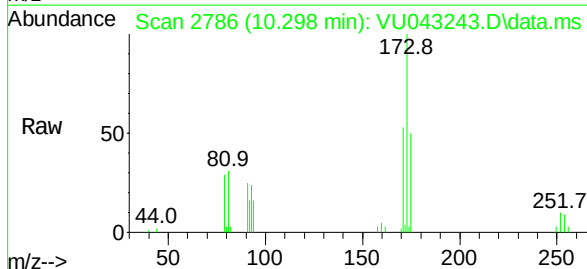
Abundance Scan 2939 (10.790 min): VU043243.D\data.ms (-2846) (-)



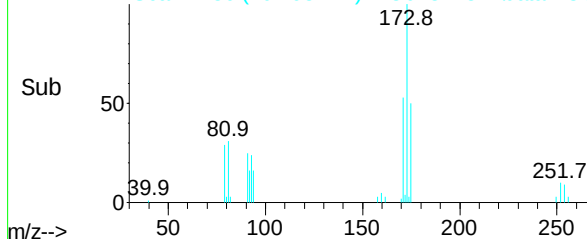
Abundance Scan 2786 (10.298 min): VU043239.D\data.ms (-2759) (-)

Bromoform
Concen: 4.65 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

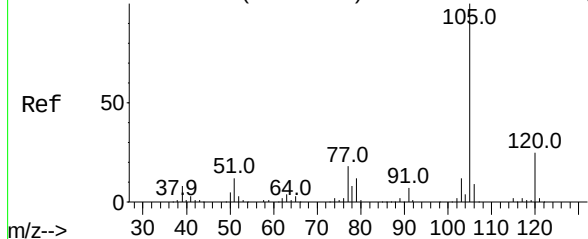
Tgt Ion	173	Resp	20375
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.4	59.0
254	9.0	8.0	12.0



Abundance Scan 2786 (10.298 min): VU043243.D\data.ms (-2693) (-)



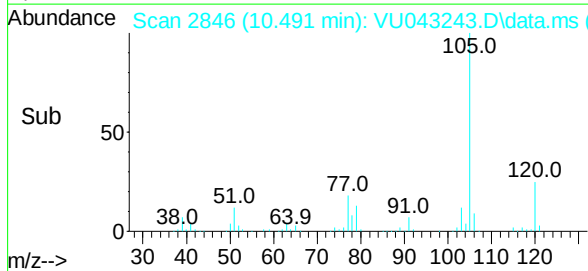
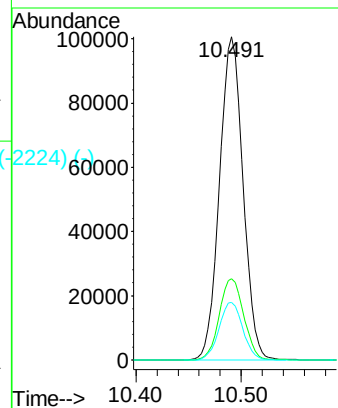
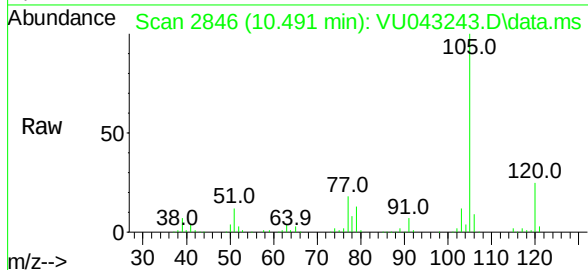
Abundance Scan 2846 (10.491 min): VU043239.D\data.ms (-2846) (-)



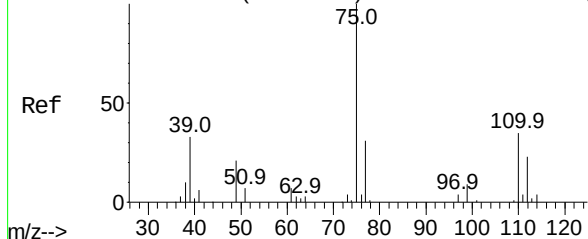
Isopropylbenzene
Concen: 4.54 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	105	Resp:	156069
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.9	31.3
77	17.9	11.8	17.8#

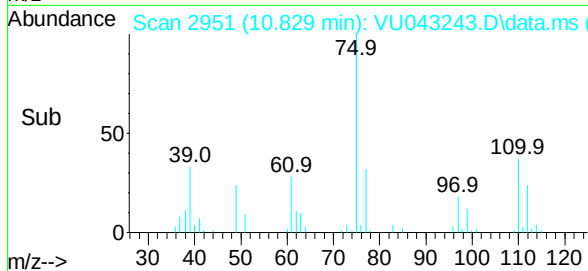
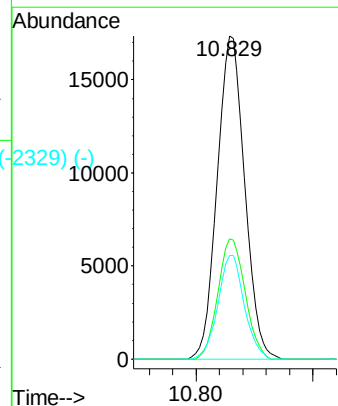
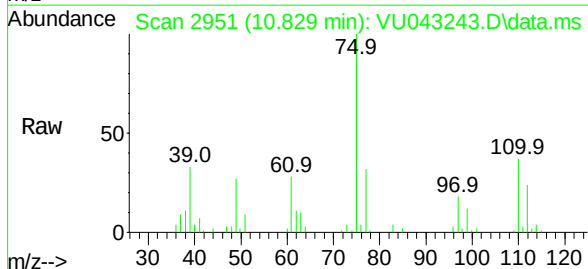


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2951) (-)

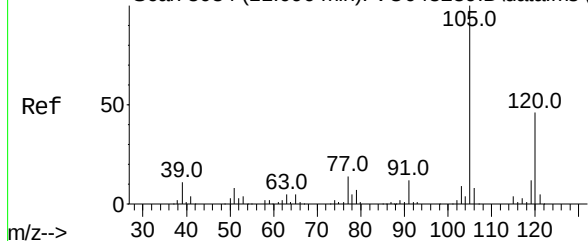


1,2,3-Trichloropropane
Concen: 5.11 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	75	Resp:	28317
Ion	Ratio	Lower	Upper
75	100		
110	36.8	31.5	47.3
77	30.9	26.3	39.5



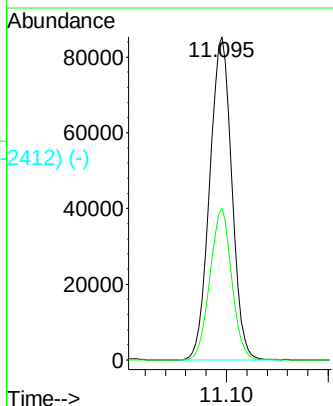
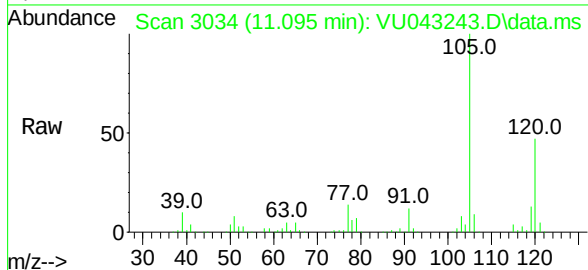
Abundance Scan 3034 (11.096 min): VU043239.D\data.ms (-3034) (-)



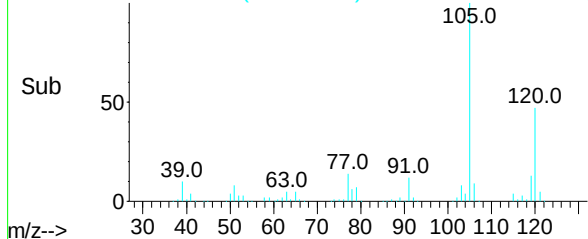
1,3,5-Trimethylbenzene
Concen: 4.57 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:105 Resp: 128525
Ion Ratio Lower Upper
105 100
120 46.0 39.5 59.3

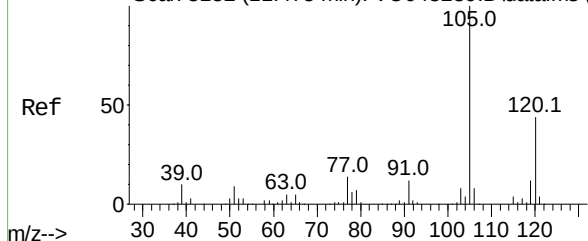
Instrument :
MSVOA_U
ClientSampled :



Abundance Scan 3034 (11.095 min): VU043243.D\data.ms (-2412) (-)

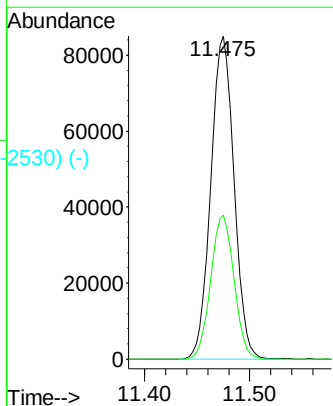
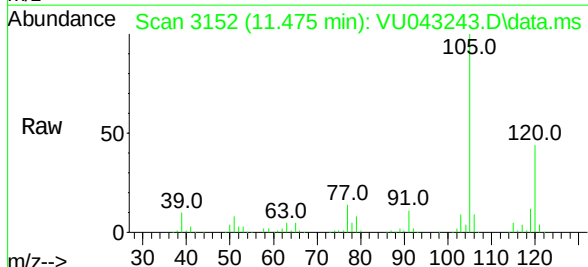


Abundance Scan 3152 (11.475 min): VU043239.D\data.ms (-3152) (-)

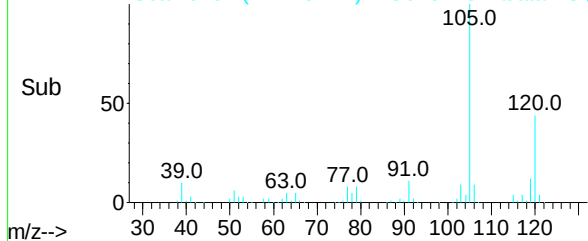


1,2,4-Trimethylbenzene
Concen: 4.50 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:105 Resp: 130111
Ion Ratio Lower Upper
105 100
120 44.7 36.7 55.1



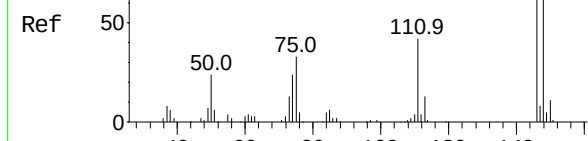
Abundance Scan 3152 (11.475 min): VU043243.D\data.ms (-2530) (-)



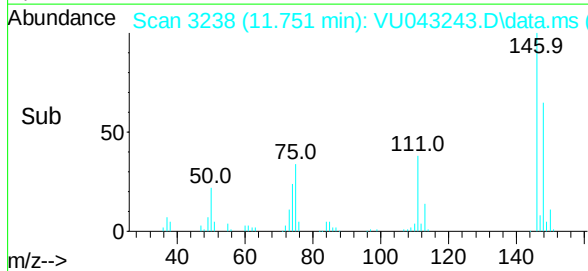
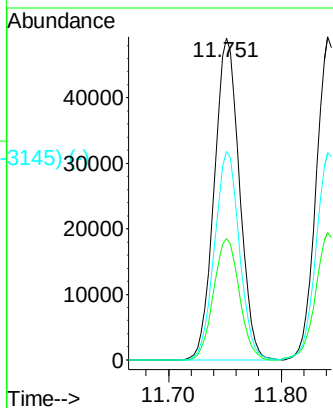
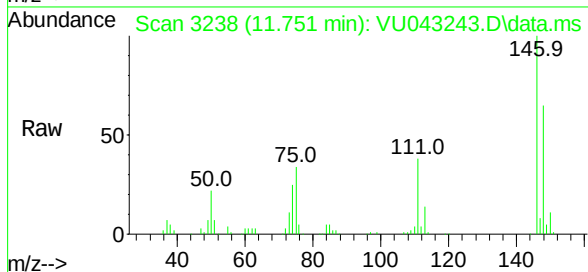
Abundance Scan 3238 (11.752 min): VU043239.D\data.ms (-3238) (-)

1,3-Dichlorobenzene
Concen: 4.68 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :



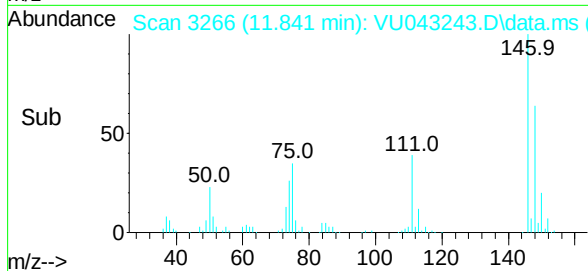
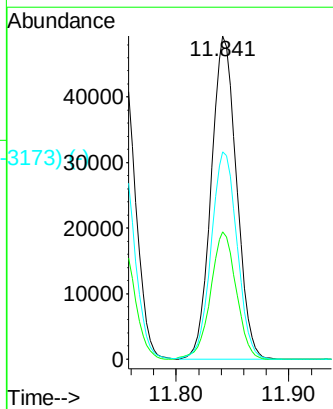
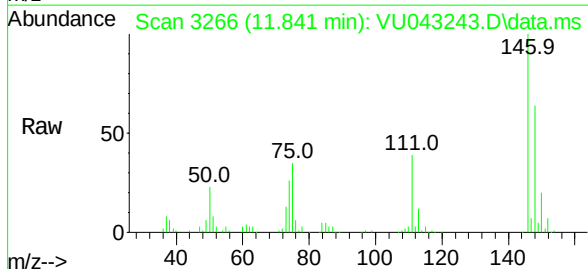
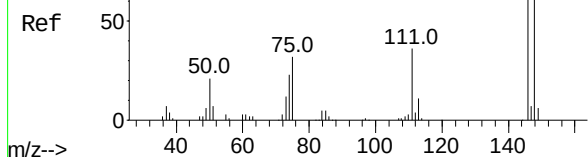
Tgt Ion:	146	Resp:	76437
Ion	Ratio	Lower	Upper
146	100		
111	37.7	27.6	51.2
148	64.9	44.9	83.3



Abundance Scan 3266 (11.842 min): VU043239.D\data.ms (-3266) (-)

1,4-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

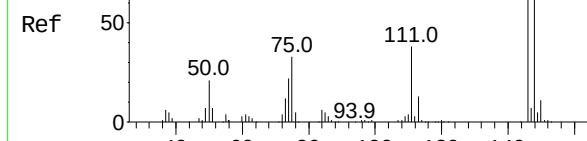
Tgt Ion:	146	Resp:	76758
Ion	Ratio	Lower	Upper
146	100		
111	39.4	26.7	49.5
148	64.1	43.9	81.5



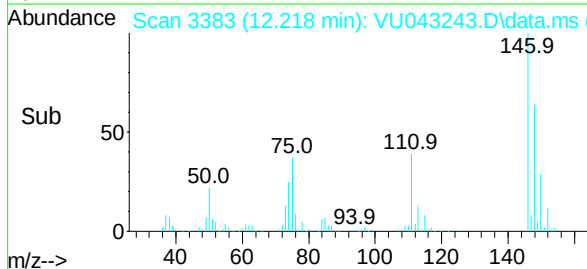
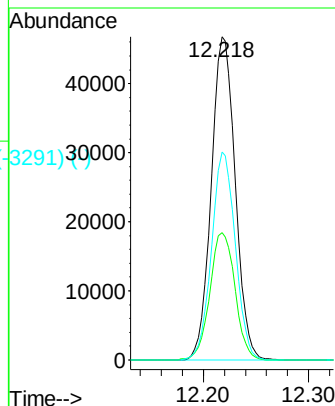
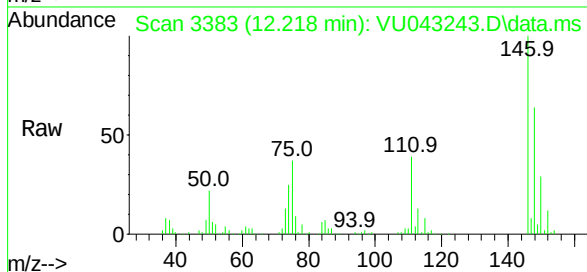
Abundance Scan 3384 (12.221 min): VU043239.D\data.ms (-3384) (-)

1,2-Dichlorobenzene
Concen: 4.66 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampled :

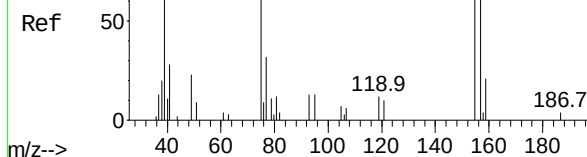


Tgt Ion:	146	Resp:	73859
Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.9	47.9
148	64.4	48.8	73.2

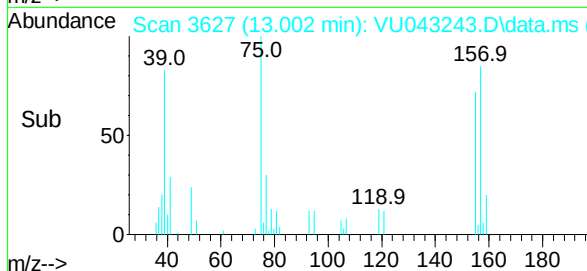
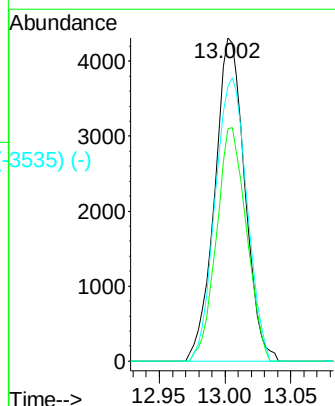
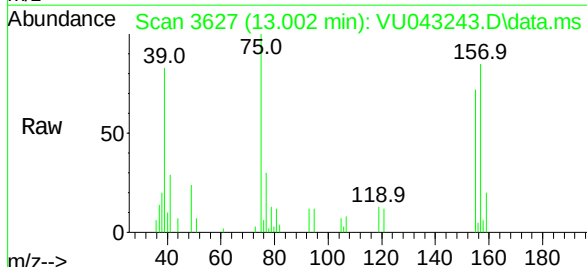


Abundance Scan 3628 (13.005 min): VU043239.D\data.ms (-3628) (-)

1,2-Dibromo-3-chloropropane
Concen: 5.07 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17



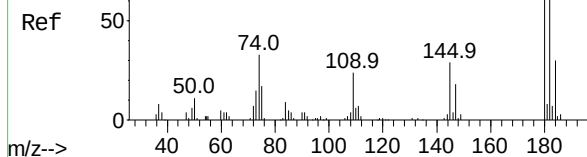
Tgt Ion:	75	Resp:	6830
Ion	Ratio	Lower	Upper
75	100		
155	71.8	67.8	101.8
157	85.0	82.4	123.6



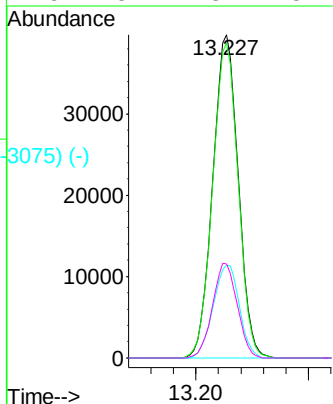
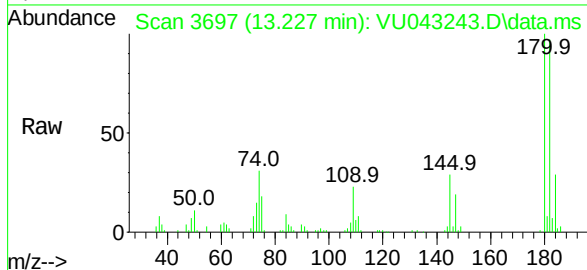
Abundance Scan 3697 (13.227 min): VU043239.D\data.ms (-3697) (-)

1,3,5-Trichlorobenzene
Concen: 4.64 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

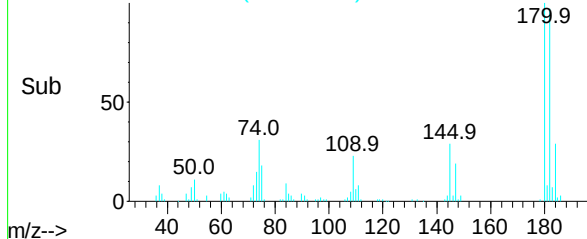
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	180	Resp:	62151
Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.1	114.1
184	29.5	24.0	36.0
145	28.4	23.2	34.8



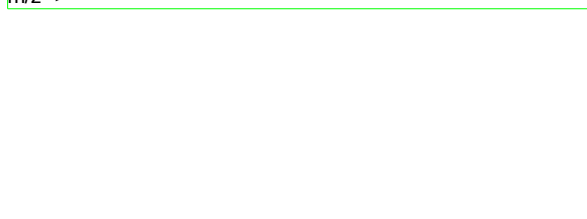
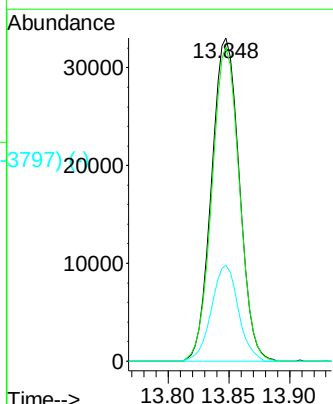
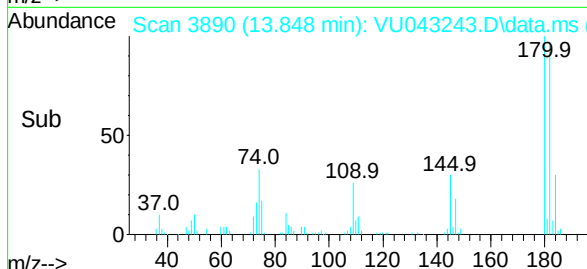
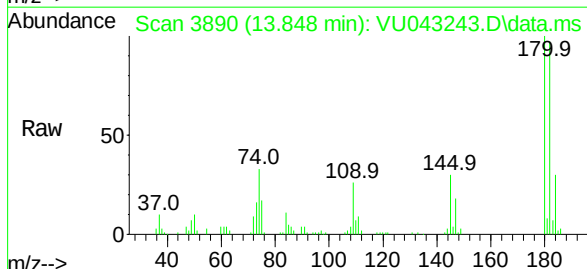
Abundance Scan 3697 (13.227 min): VU043243.D\data.ms (-3075) (-)



Abundance Scan 3890 (13.848 min): VU043239.D\data.ms (-3870) (-)

1,2,4-trichlorobenzene
Concen: 4.72 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

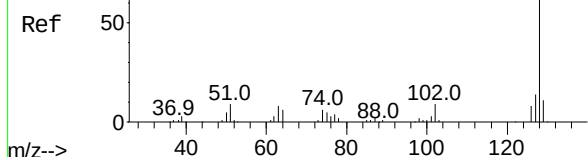
Tgt Ion:	180	Resp:	52288
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.5	114.7
145	28.8	24.1	36.1



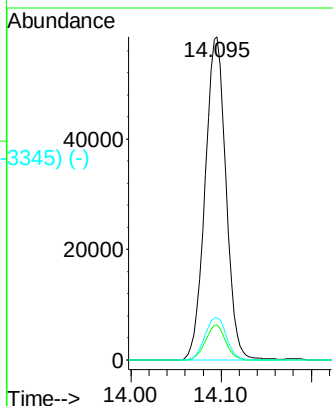
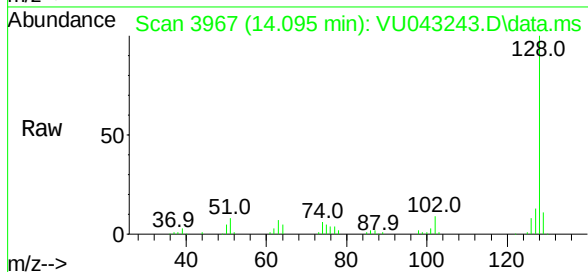
Abundance Scan 3967 (14.095 min): VU043239.D\data.ms (-3973) (-)

Naphthalene
Concen: 5.05 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

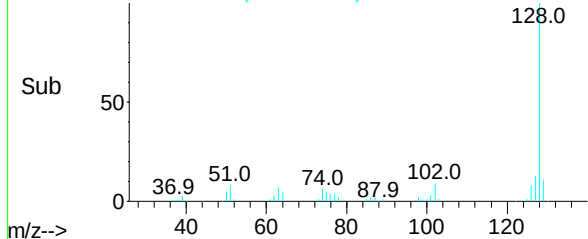
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	128	Resp:	94350
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.5	10.6	15.8



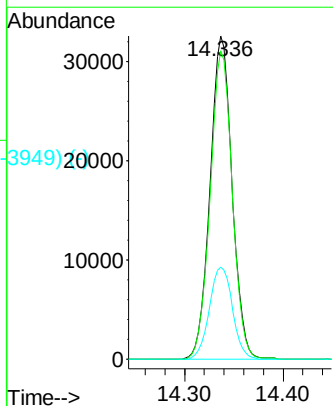
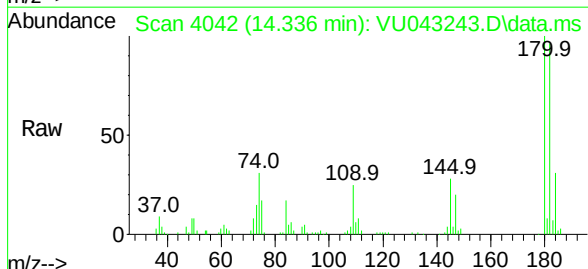
Abundance Scan 3967 (14.095 min): VU043243.D\data.ms (-3345) (-)



Abundance Scan 4042 (14.337 min): VU043239.D\data.ms (-4050) (-)

1,2,3-Trichlorobenzene
Concen: 4.99 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	180	Resp:	50694
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	29.8	25.0	37.4



Abundance Scan 4042 (14.336 min): VU043243.D\data.ms (-3949) (-)

