

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043141.D
 Acq On : 15 Apr 2021 23:46
 Operator : SY/MD
 Sample : M2055-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:16:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	64967	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	65238	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	30342	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18388	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.919	69	17517	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.575	65	11449	5.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.80%
20) 2-Butanone-d5	4.649	46	66901	46.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	5.073	84	47801	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.710	65	32133	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.739	84	87993	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.700	67	28440	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.906	98	80690	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.185	79	11763	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.645	63	66245	59.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25257	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	31891	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	725	0.17	ug/L	# 40
12) 1,1-Dichloroethene	2.584	96	863	0.24	ug/L	# 1
13) Acetone	2.649	43	1831	1.72	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	3256	0.28	ug/L	# 83
22) cis-1,2-Dichloroethene	4.684	96	559	0.12	ug/L	84
25) Chloroform	5.099	83	2781	0.31	ug/L	97
27) 1,2-Dichloroethane	5.742	62	577	0.09	ug/L	# 74
29) 1,1,1-Trichloroethane	5.330	97	470	0.06	ug/L	90
31) Carbon tetrachloride	5.539	117	533	0.08	ug/L	97
34) Trichloroethene	6.549	95	7832	1.63	ug/L	85
35) Methylcyclohexane	6.700	83	6681	1.00	ug/L	# 27
37) 1,2-Dichloropropane	6.700	63	3714	0.76	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	885	0.12	ug/L	# 69
45) 1,1,2-Trichloroethane	8.555	97	460	0.13	ug/L	# 1
47) Tetrachloroethene	8.562	164	68434	17.97	ug/L	94
48) 2-Hexanone	8.645	43	10723	3.32	ug/L	# 64
49) Dibromochloromethane	8.558	129	62164	13.43	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	3697	1.18	ug/L	# 53

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
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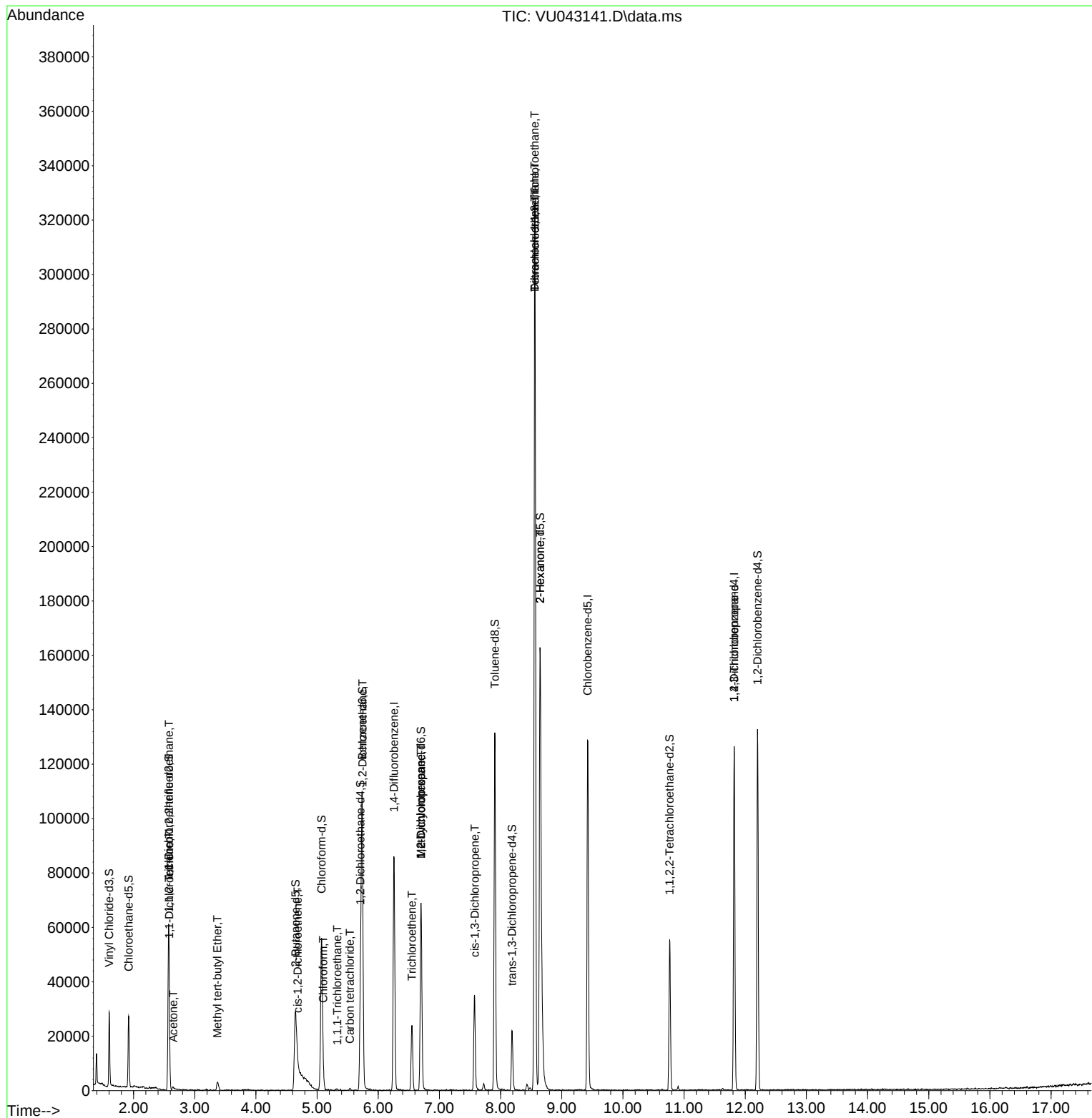
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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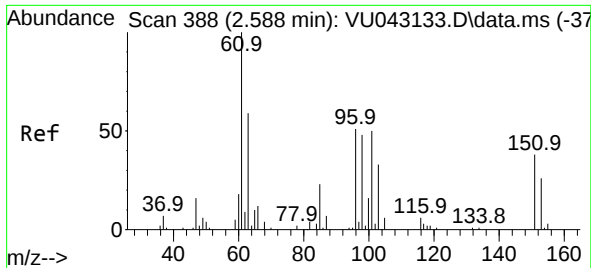
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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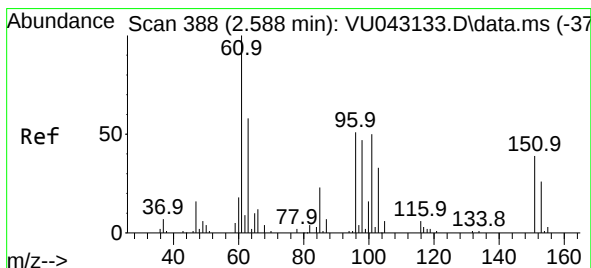
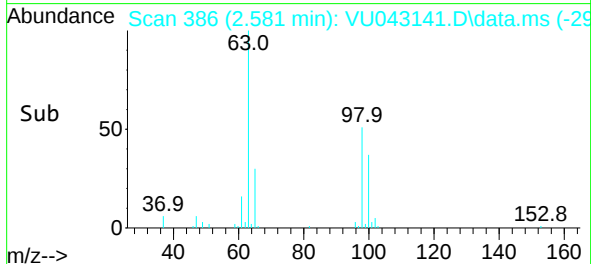
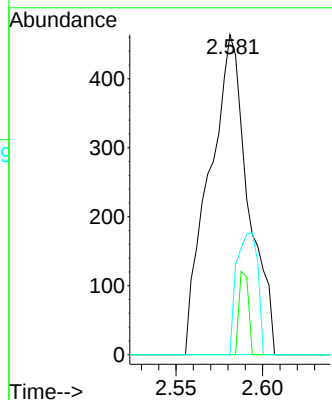
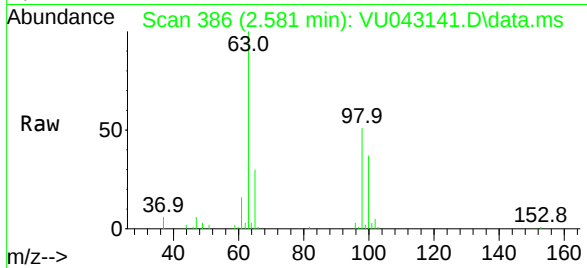




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.17 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU043141.D
 Acq: 15 Apr 2021 23:46

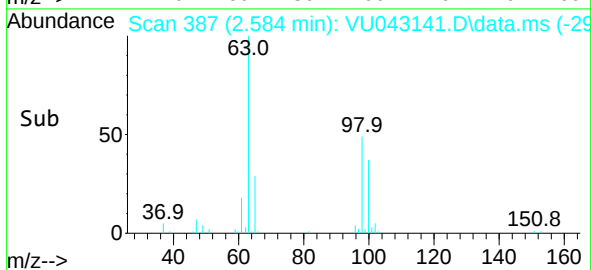
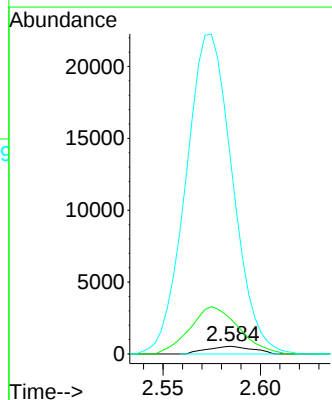
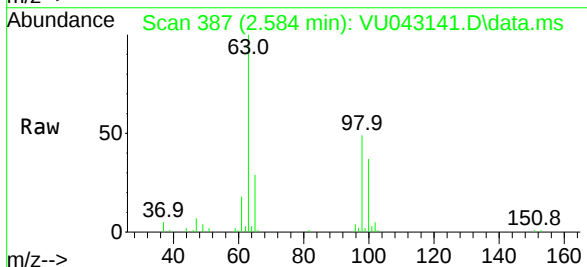
Instrument :
 MSVOA_U
 ClientSampleId :

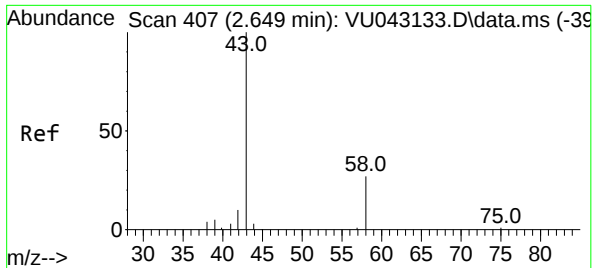
Tgt Ion:101 Resp: 725
 Ion Ratio Lower Upper
 101 100
 85 6.2 34.5 51.7#
 151 20.6 57.4 86.2#



#12
 1,1-Dichloroethene
 Concen: 0.24 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043141.D
 Acq: 15 Apr 2021 23:46

Tgt Ion: 96 Resp: 863
 Ion Ratio Lower Upper
 96 100
 61 465.9 115.1 213.7#
 63 2602.1 84.1 156.1#

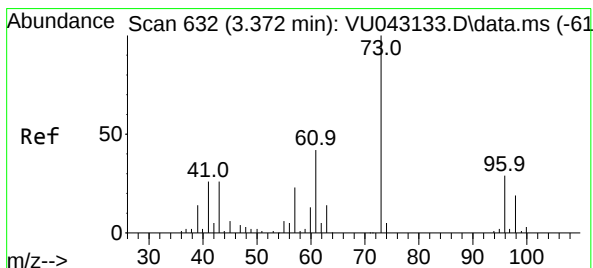
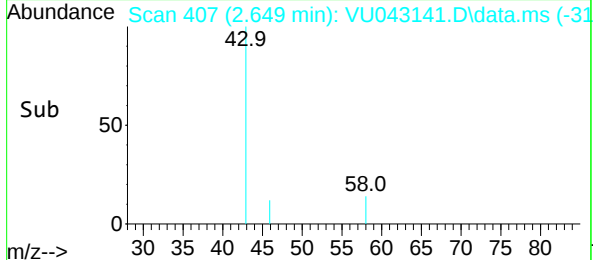
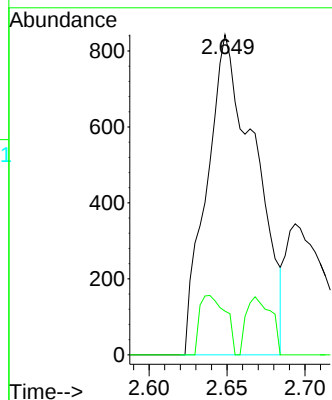
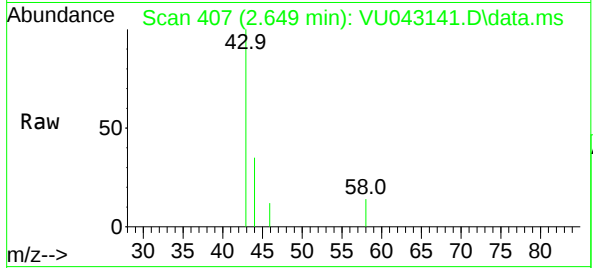




#13
Acetone
Concen: 1.72 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

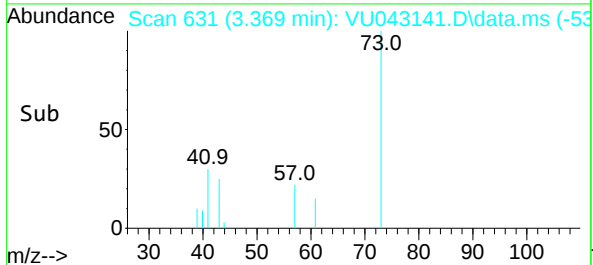
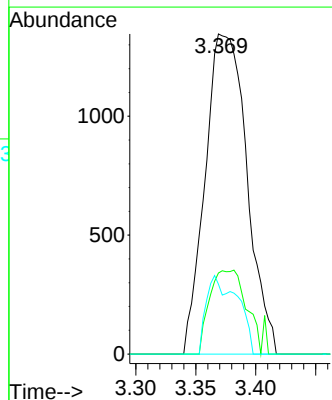
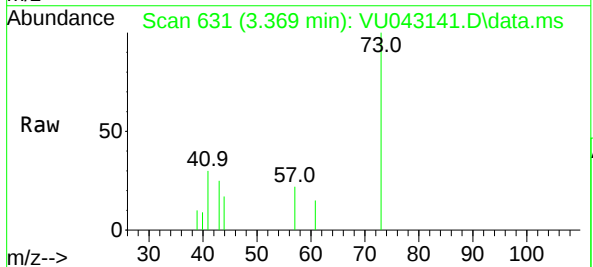
Instrument :
MSVOA_U
ClientSampleId :

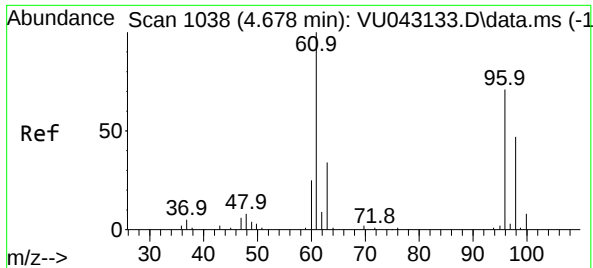
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 9.8 0.0 25.0



#17
Methyl tert-butyl Ether
Concen: 0.28 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Tgt Ion: 73 Resp: 3256
Ion Ratio Lower Upper
73 100
43 22.9 15.0 22.4#
57 10.7 17.3 25.9#

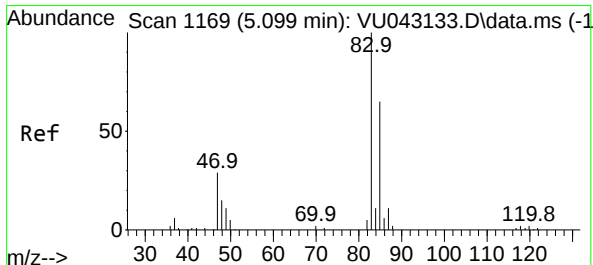
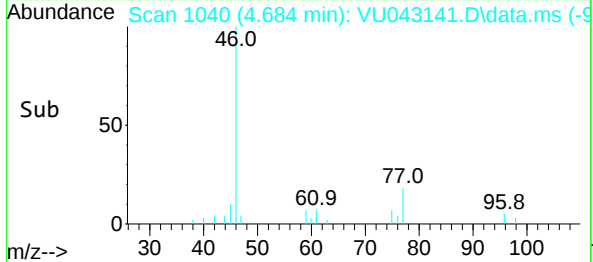
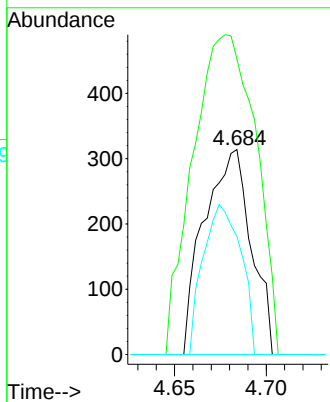
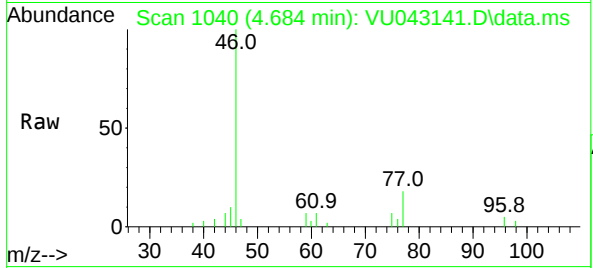




#22
 cis-1,2-Dichloroethene
 Concen: 0.12 ug/L
 RT: 4.684 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VU043141.D
 Acq: 15 Apr 2021 23:46

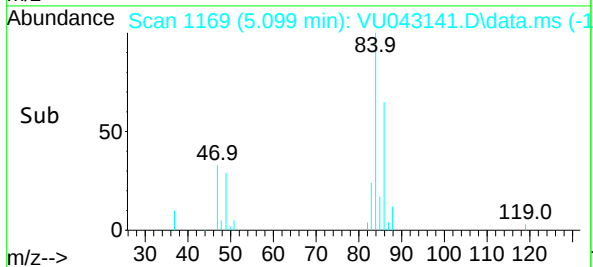
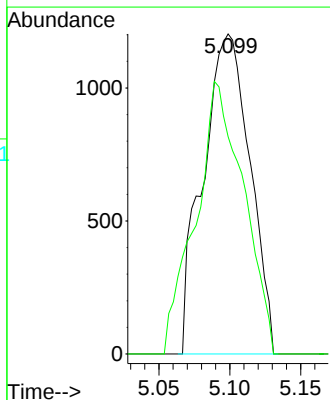
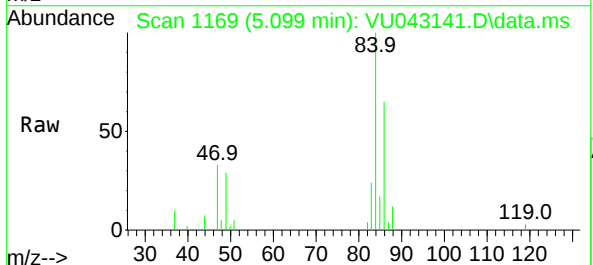
Instrument :
 MSVOA_U
 ClientSampleId :

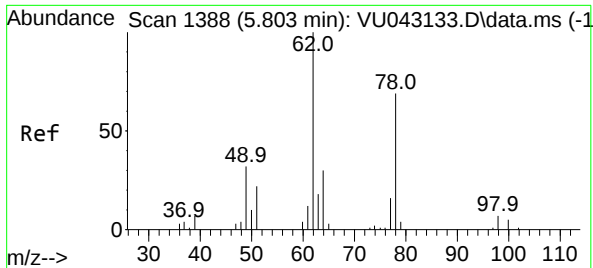
Tgt Ion:	96	Resp:	559
Ion	Ratio	Lower	Upper
96	100		
61	144.3	87.4	162.4
98	57.6	47.7	88.5



#25
 Chloroform
 Concen: 0.31 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. 0.000 min
 Lab File: VU043141.D
 Acq: 15 Apr 2021 23:46

Tgt Ion:	83	Resp:	2781
Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.6	84.8





#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.742 min Scan# 1369

Delta R.T. -0.061 min

Lab File: VU043141.D

Acq: 15 Apr 2021 23:46

Tgt Ion: 62 Resp: 577

Ion Ratio Lower Upper

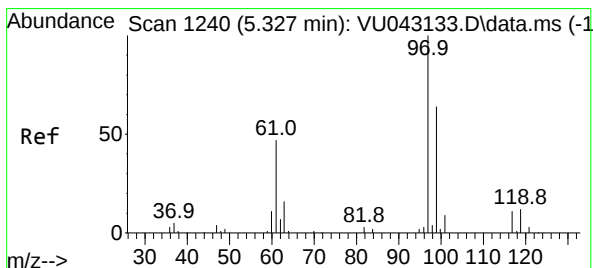
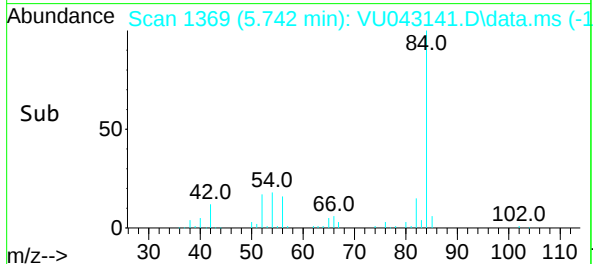
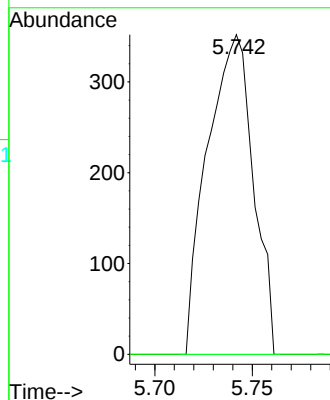
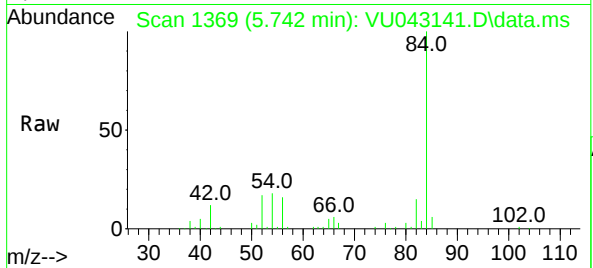
62 100

98 0.0 7.5 11.3#

Instrument :

MSVOA_U

ClientSampleId :



#29

1,1,1-Trichloroethane

Concen: 0.06 ug/L

RT: 5.330 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VU043141.D

Acq: 15 Apr 2021 23:46

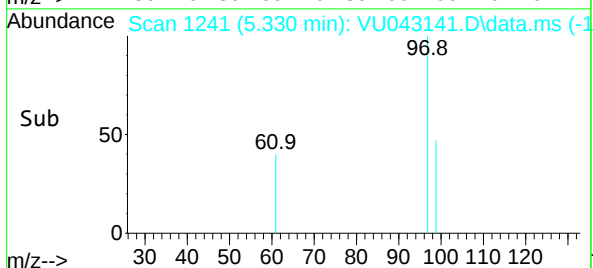
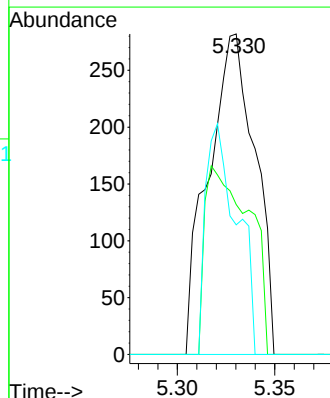
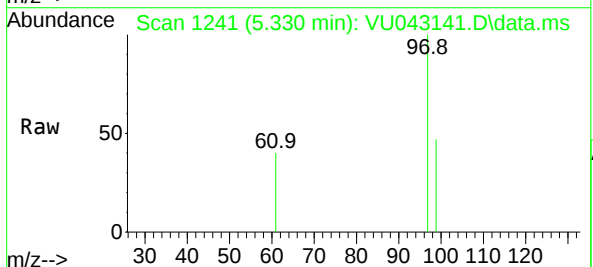
Tgt Ion: 97 Resp: 470

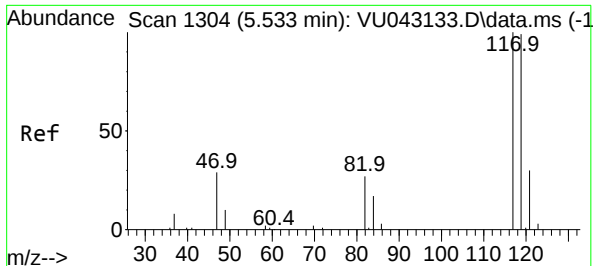
Ion Ratio Lower Upper

97 100

99 56.2 50.3 75.5

61 48.1 32.7 49.1

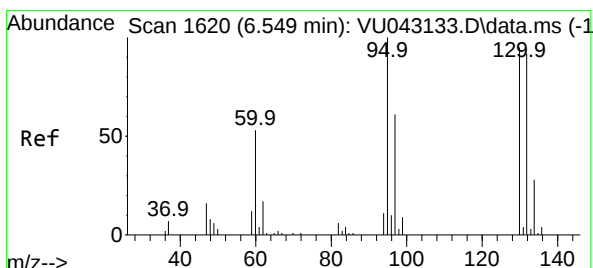
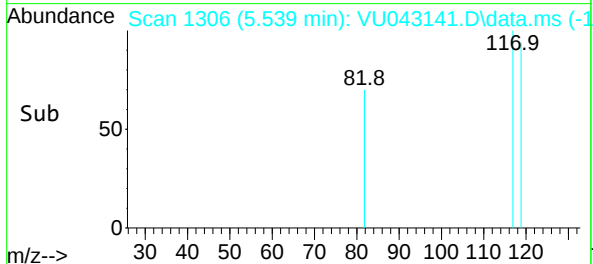
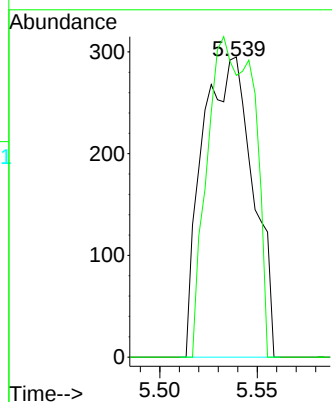
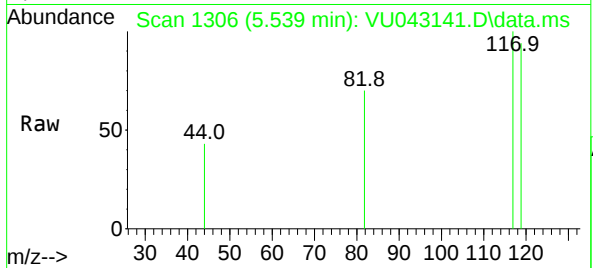




#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

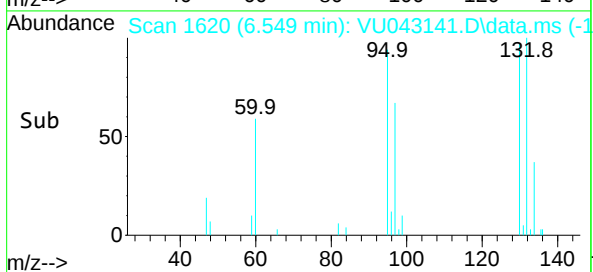
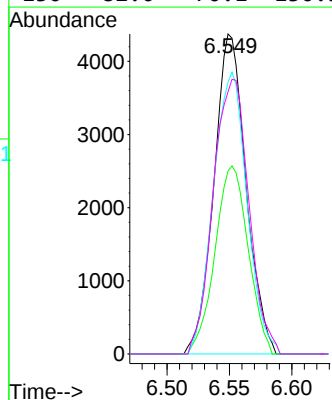
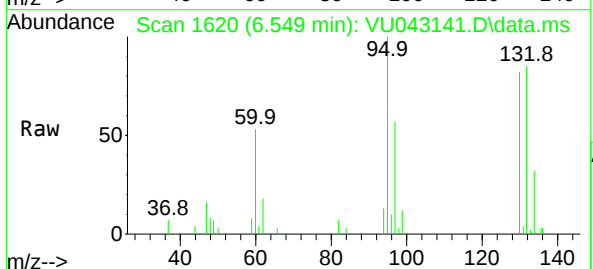
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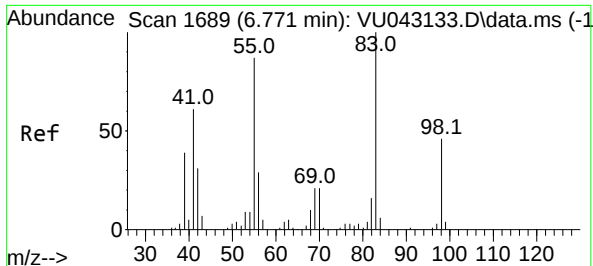
Tgt Ion: 117 Resp: 533
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#34
Trichloroethene
Concen: 1.63 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Tgt Ion: 95 Resp: 7832
Ion Ratio Lower Upper
95 100
97 57.2 45.8 85.2
132 84.9 68.7 127.7
130 82.0 70.1 130.3





#35

Methylcyclohexane

Concen: 1.00 ug/L

RT: 6.700 min Scan# 1667

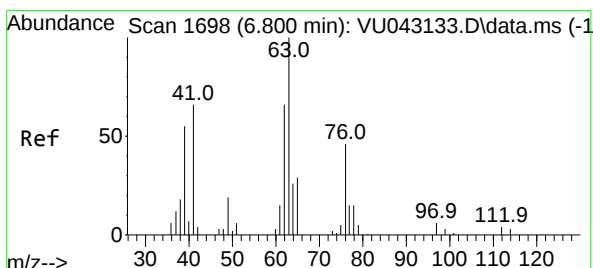
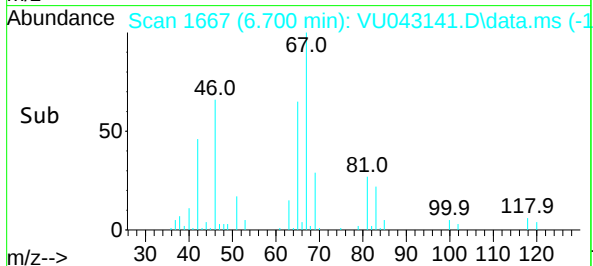
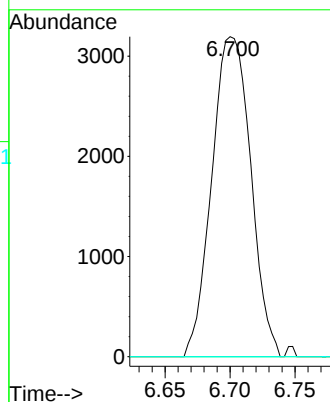
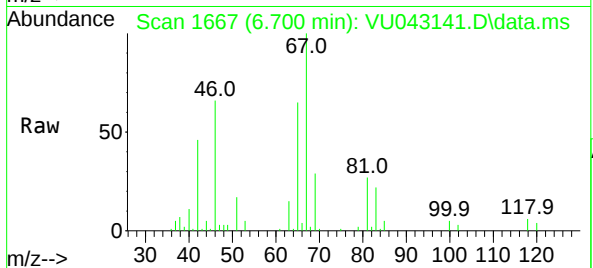
Delta R.T. -0.071 min

Lab File: VU043141.D

Acq: 15 Apr 2021 23:46

Tgt Ion:	83	Resp:	6681
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	14.3	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.76 ug/L

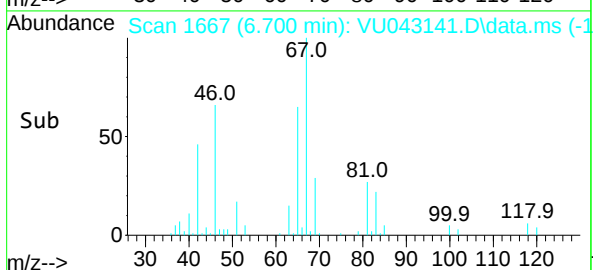
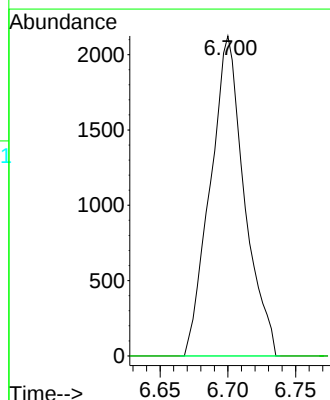
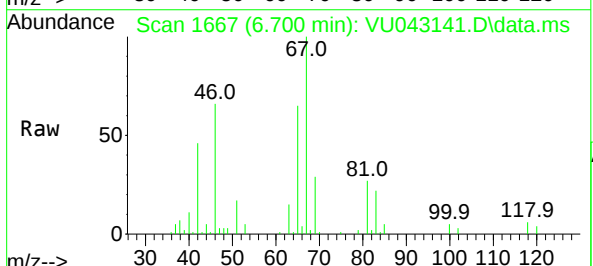
RT: 6.700 min Scan# 1667

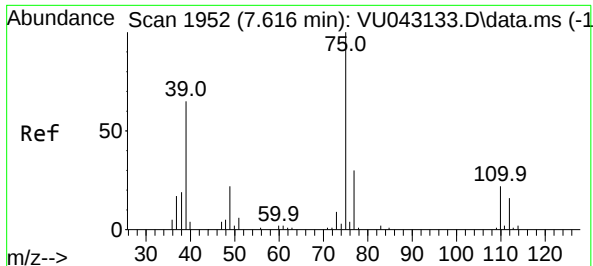
Delta R.T. -0.100 min

Lab File: VU043141.D

Acq: 15 Apr 2021 23:46

Tgt Ion:	63	Resp:	3714
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

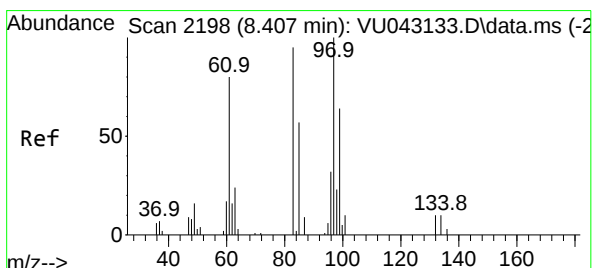
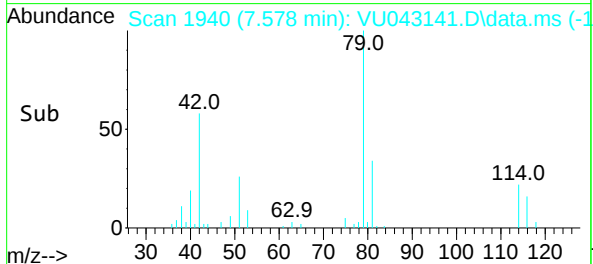
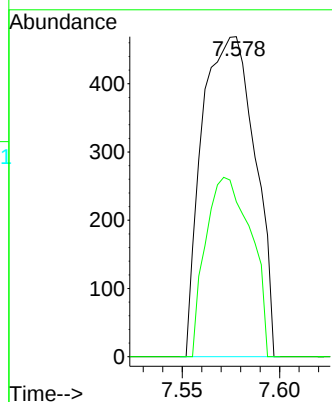
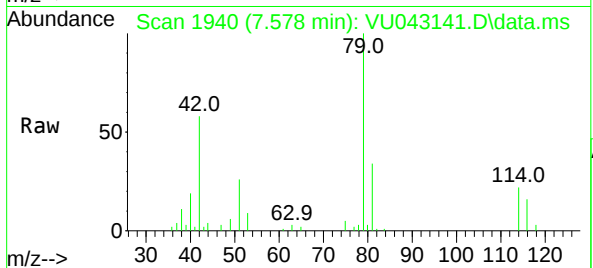




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

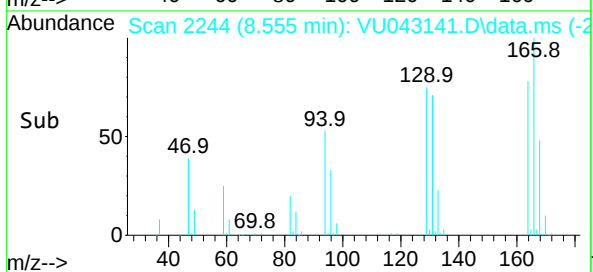
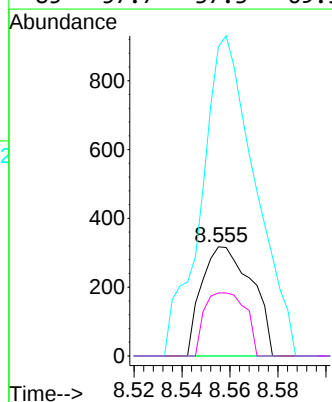
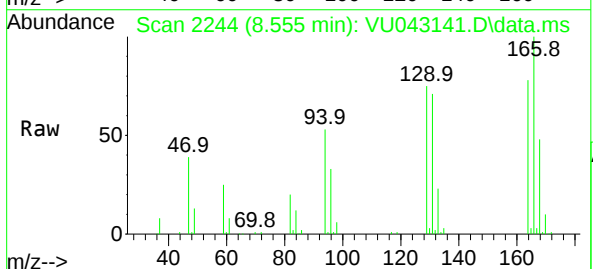
Instrument :
MSVOA_U
ClientSampled :

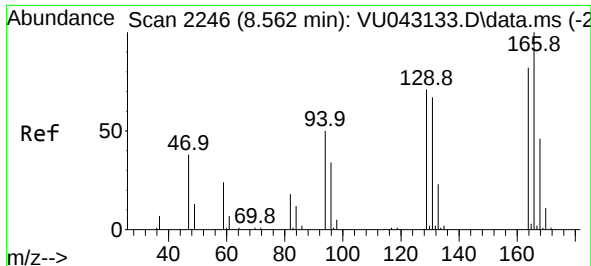
Tgt Ion: 75 Resp: 885
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.6#



#45
1,1,2-Trichloroethane
Concen: 0.13 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Tgt Ion: 97 Resp: 460
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.0#
83 283.6 60.1 111.7#
85 57.7 37.3 69.3

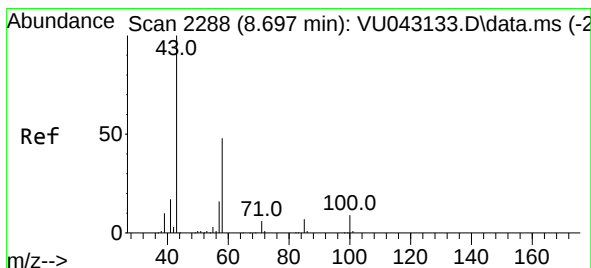
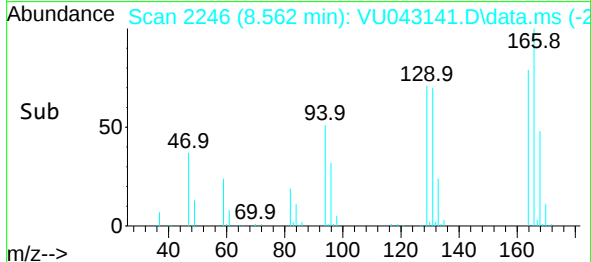
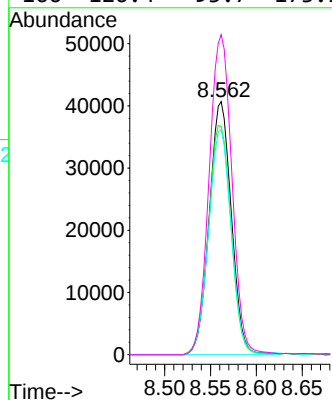
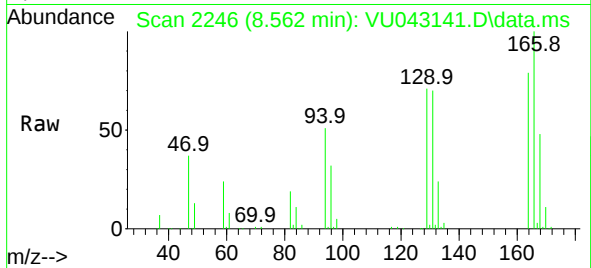




#47
Tetrachloroethene
Concen: 17.97 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

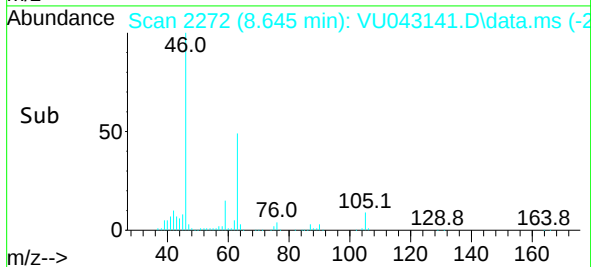
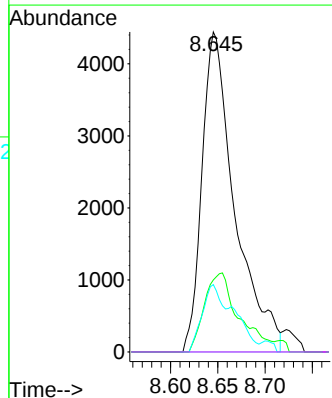
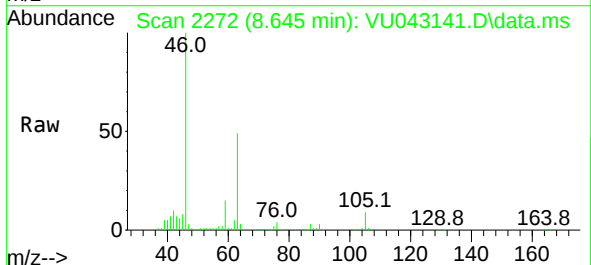
Instrument :
MSVOA_U
ClientSampleId :

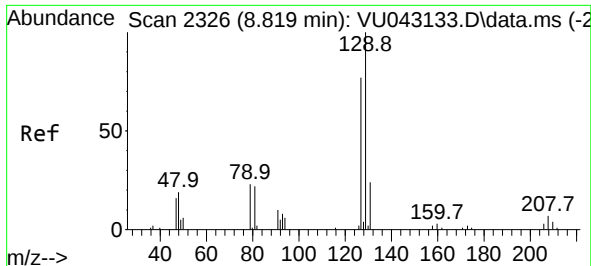
Tgt Ion:164 Resp: 68434
Ion Ratio Lower Upper
164 100
129 90.1 66.6 123.8
131 88.9 65.9 122.3
166 126.4 93.7 173.9



#48
2-Hexanone
Concen: 3.32 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Tgt Ion: 43 Resp: 10723
Ion Ratio Lower Upper
43 100
58 26.0 50.0 75.0#
57 20.5 17.4 26.0
100 0.0 11.8 17.8#

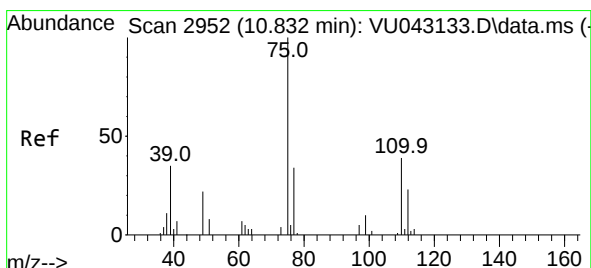
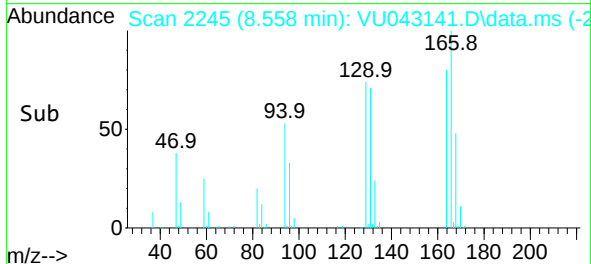
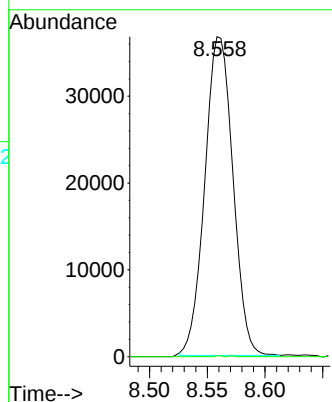
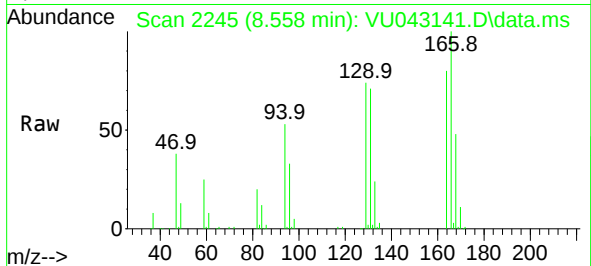




#49
Dibromochloromethane
Concen: 13.43 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 62164
Ion Ratio Lower Upper
129 100
127 0.3 56.6 105.2#



#61
1,2,3-Trichloropropane
Concen: 1.18 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043141.D
Acq: 15 Apr 2021 23:46

Tgt Ion: 75 Resp: 3697
Ion Ratio Lower Upper
75 100
110 1.2 31.5 47.3#
77 49.7 26.3 39.5#

