

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043234.D
 Acq On : 20 Apr 2021 19:28
 Operator : SY/MD
 Sample : M2057-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:03:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	73761	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	74862	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16771	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.919	69	17268	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.575	65	11279	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.652	46	87321	53.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	5.070	84	49183	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.713	65	32488	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.739	84	87017	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	29600	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	75171	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloroprop...	8.185	79	11841	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.645	63	61839	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26614	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	31633	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	759	0.16	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	624	0.13	ug/L #	56
12) 1,1-Dichloroethene	2.584	96	5001	1.22	ug/L #	1
15) Methyl Acetate	2.977	43	500	0.22	ug/L #	48
16) Methylene chloride	3.051	84	919	0.17	ug/L	95
21) 2-Butanone	4.819	43	82387	41.30	ug/L #	43
25) Chloroform	5.099	83	1606	0.16	ug/L	84
29) 1,1,1-Trichloroethane	5.327	97	1710	0.19	ug/L #	86
34) Trichloroethene	6.549	95	376	0.07	ug/L #	85
35) Methylcyclohexane	6.700	83	6759	0.89	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	3930	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	822	0.10	ug/L #	61
42) Toluene	7.976	91	2435	0.11	ug/L	84
47) Tetrachloroethene	8.562	164	10034	2.30	ug/L	96
49) Dibromochloromethane	8.558	129	9324	1.75	ug/L #	9
61) 1,2,3-Trichloropropane	11.815	75	4270	1.17	ug/L #	62

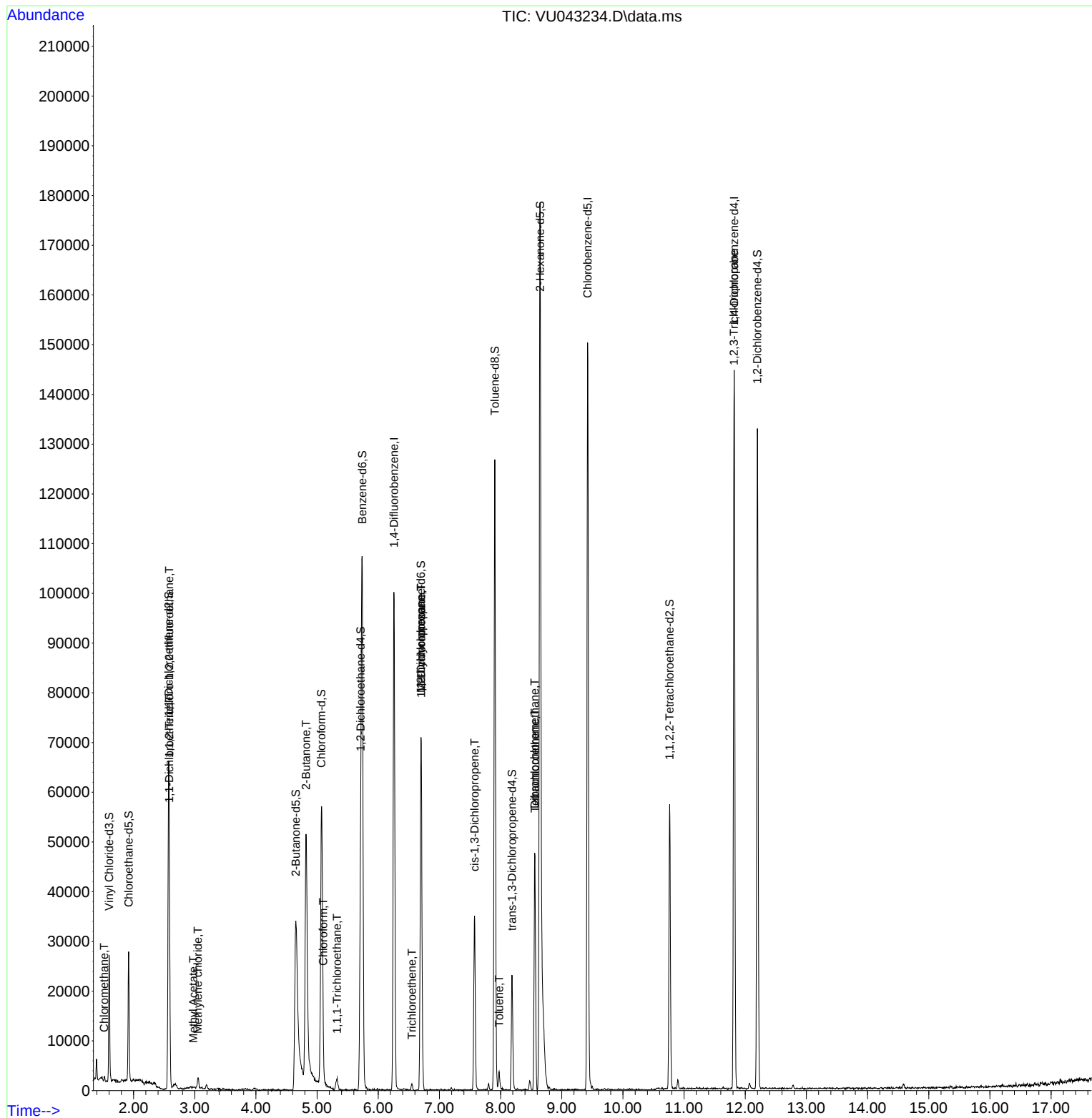
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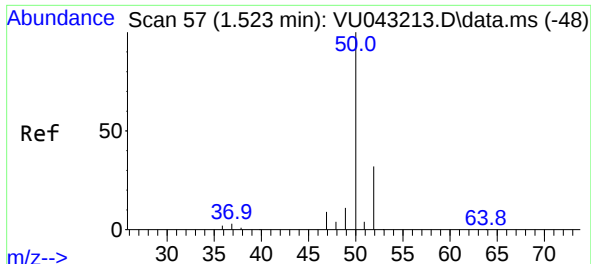
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

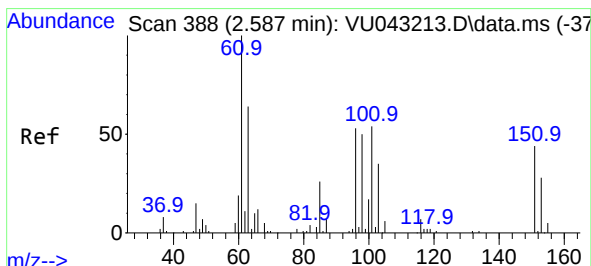
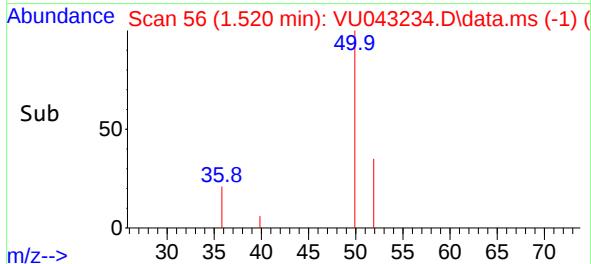
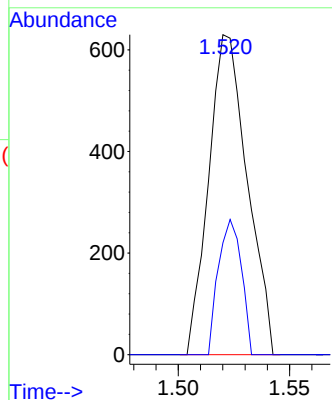
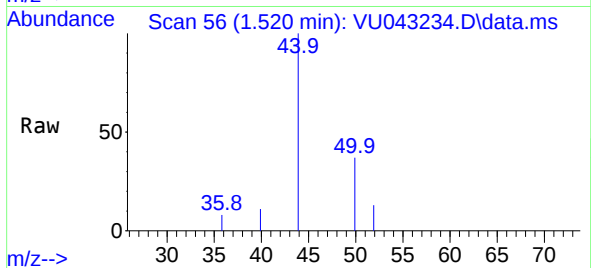




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

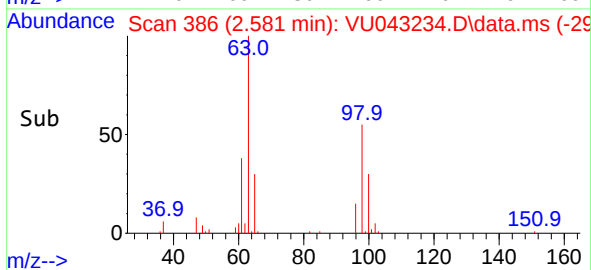
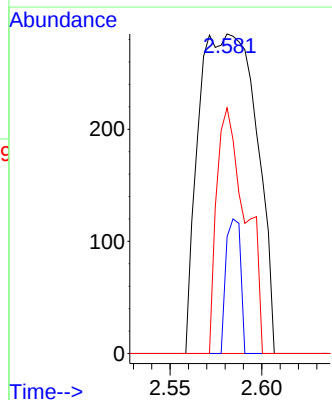
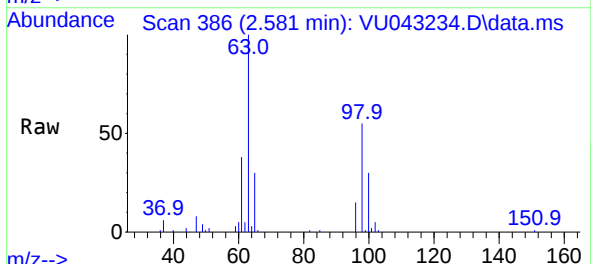
Instrument :
MSVOA_U
ClientSampled :

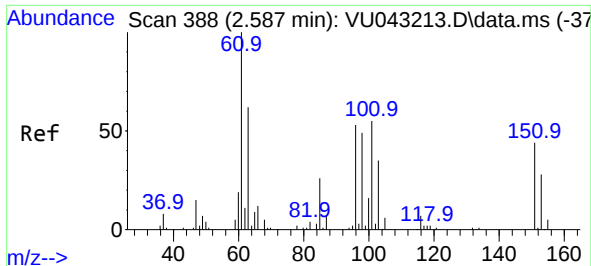
Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 34.9 23.6 43.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.13 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 101 Resp: 624
Ion Ratio Lower Upper
101 100
85 10.6 34.5 51.7#
151 38.3 57.4 86.2#





#12

1,1-Dichloroethene

Concen: 1.22 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043234.D

Acq: 20 Apr 2021 19:28

Tgt Ion: 96 Resp: 5001

Ion Ratio Lower Upper

96 100

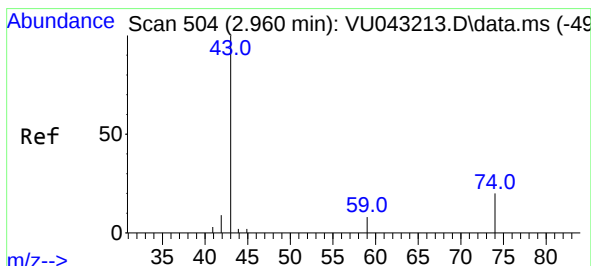
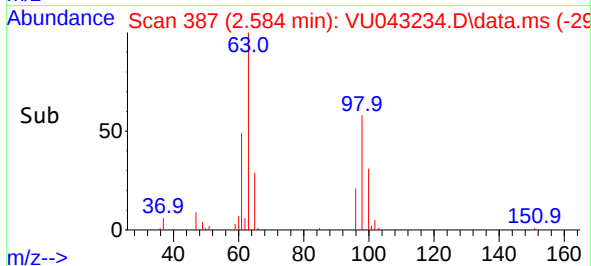
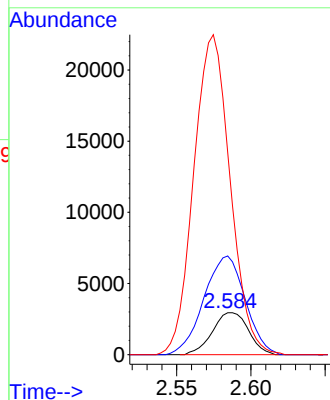
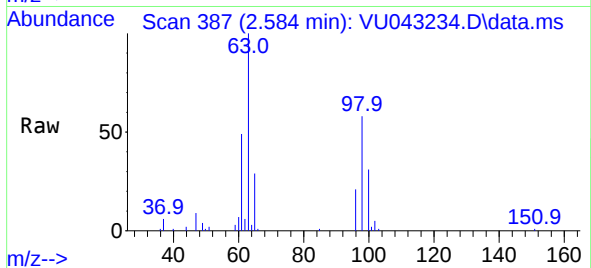
61 235.4 115.1 213.7#

63 482.1 84.1 156.1#

Instrument :

MSVOA_U

ClientSampleId :



#15

Methyl Acetate

Concen: 0.22 ug/L

RT: 2.977 min Scan# 509

Delta R.T. 0.016 min

Lab File: VU043234.D

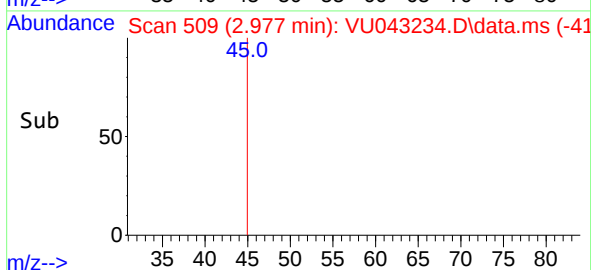
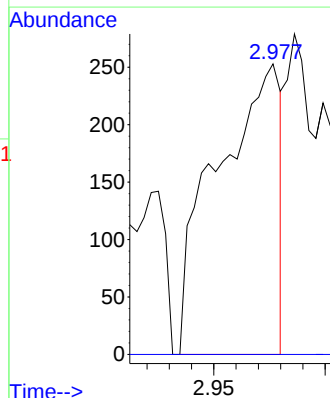
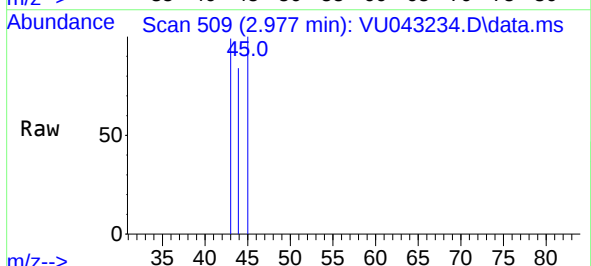
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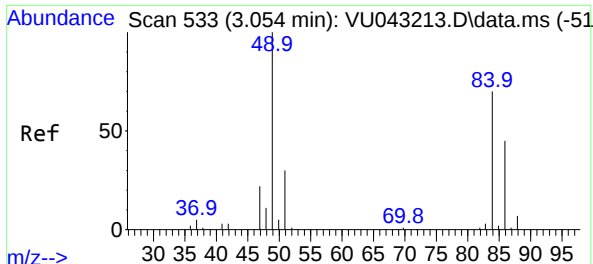
Tgt Ion: 43 Resp: 500

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#

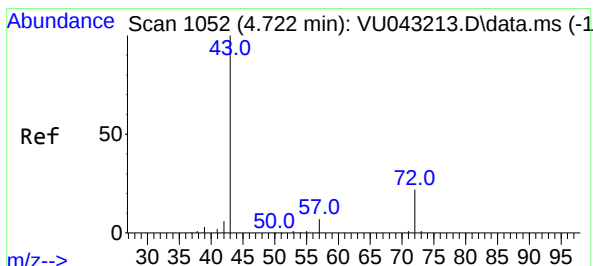
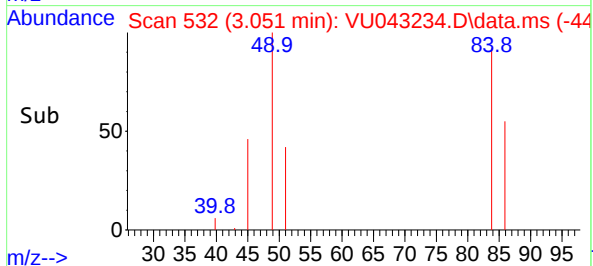
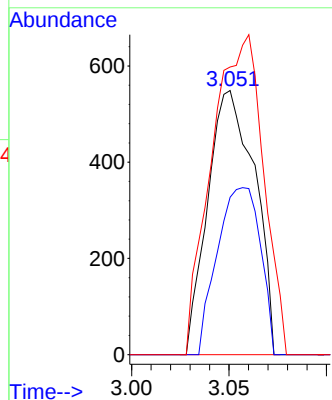
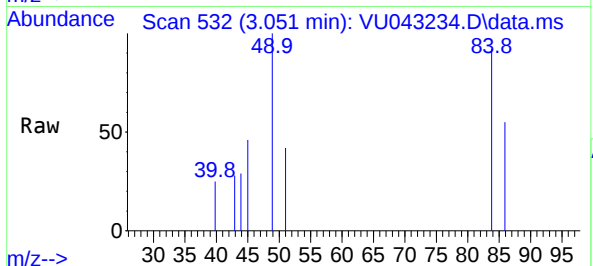




#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

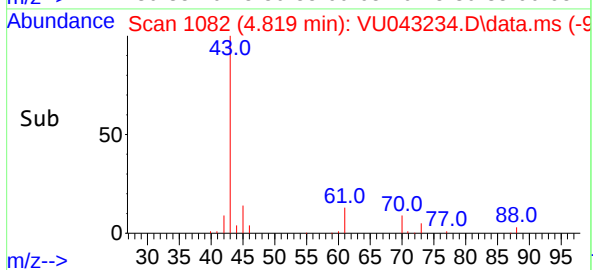
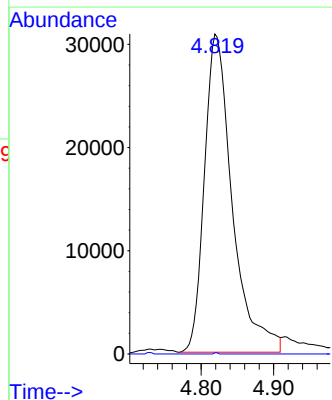
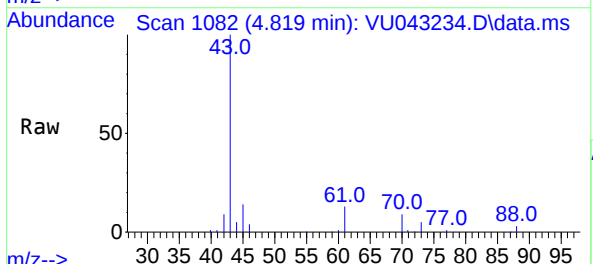
Instrument :
MSVOA_U
ClientSampled :

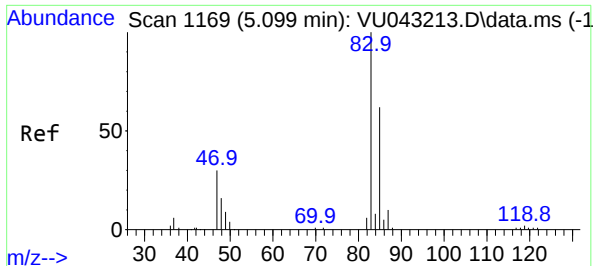
Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
86 59.6 44.9 83.5
49 108.9 79.0 146.8



#21
2-Butanone
Concen: 41.30 ug/L
RT: 4.819 min Scan# 1082
Delta R.T. 0.097 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 43 Resp: 82387
Ion Ratio Lower Upper
43 100
72 0.1 15.8 47.3#



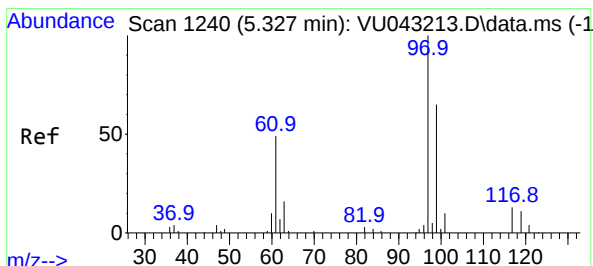
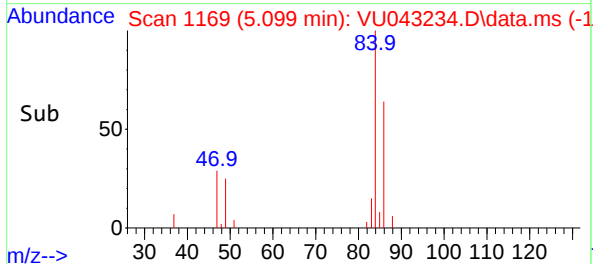
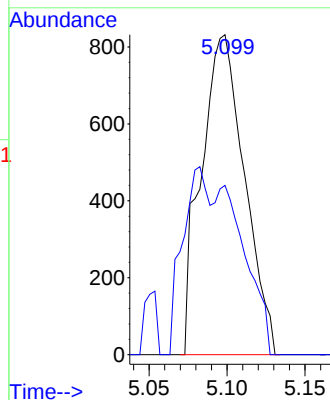
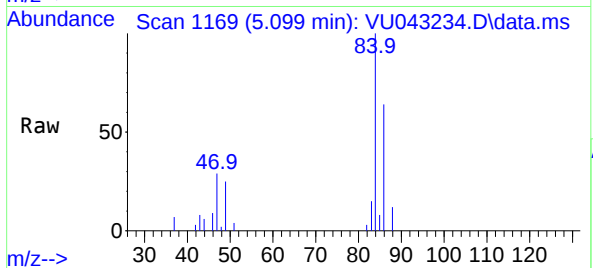


#25

Chloroform
Concen: 0.16 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Instrument :
MSVOA_U
ClientSampleId :

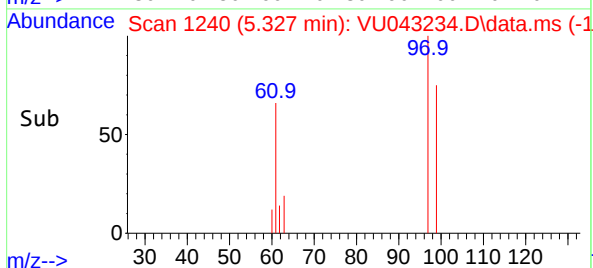
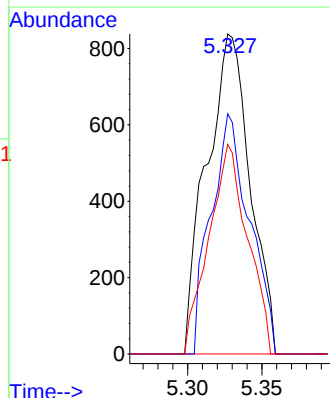
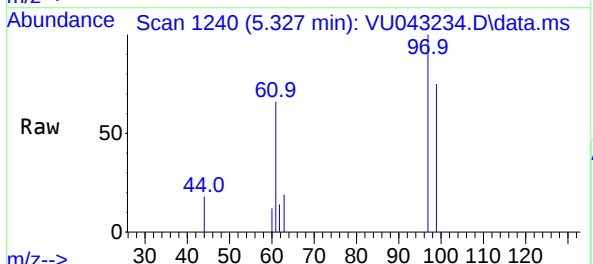
Tgt Ion: 83 Resp: 1606
Ion Ratio Lower Upper
83 100
85 52.9 45.6 84.8

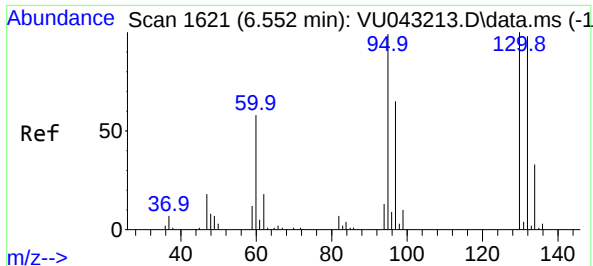


#29

1,1,1-Trichloroethane
Concen: 0.19 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 97 Resp: 1710
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 58.2 32.7 49.1#





#34

Trichloroethene

Concen: 0.07 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043234.D

Acq: 20 Apr 2021 19:28

Tgt Ion: 95 Resp: 376

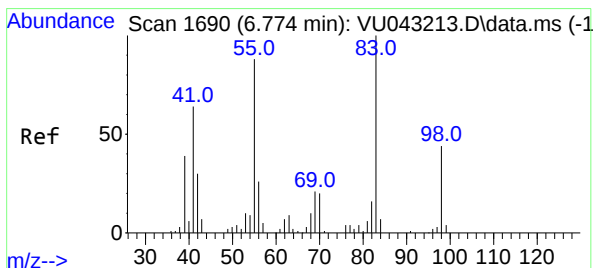
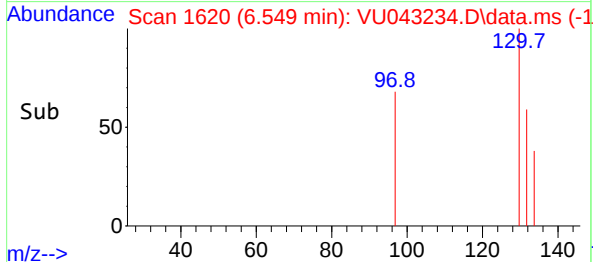
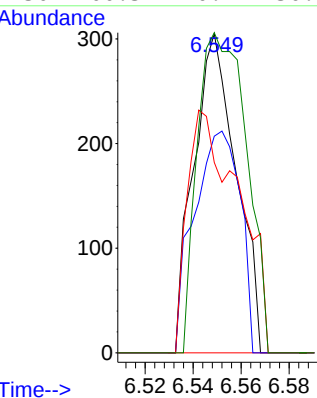
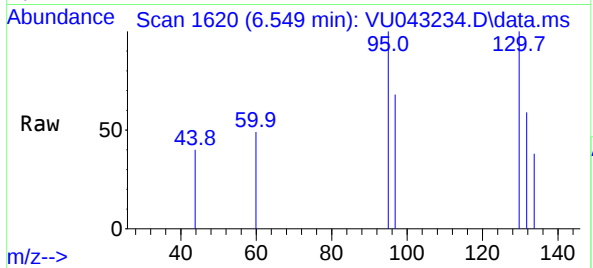
Ion Ratio Lower Upper

95 100

97 67.9 45.8 85.2

132 59.7 68.7 127.7#

130 100.3 70.1 130.3



#35

Methylcyclohexane

Concen: 0.89 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043234.D

Acq: 20 Apr 2021 19:28

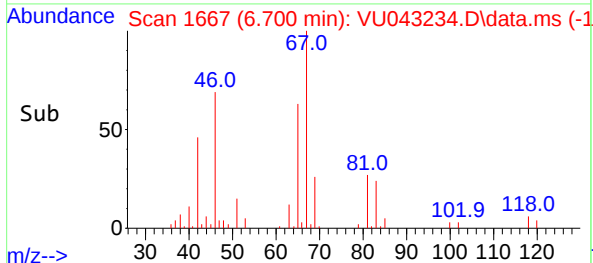
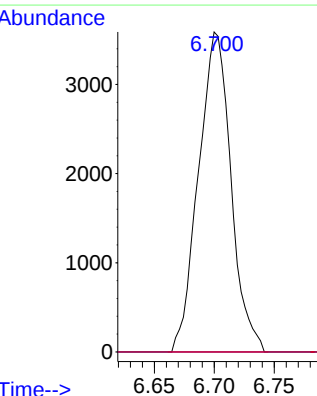
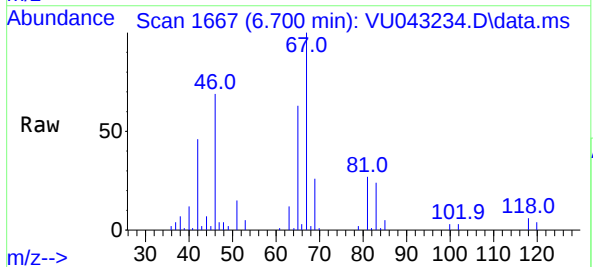
Tgt Ion: 83 Resp: 6759

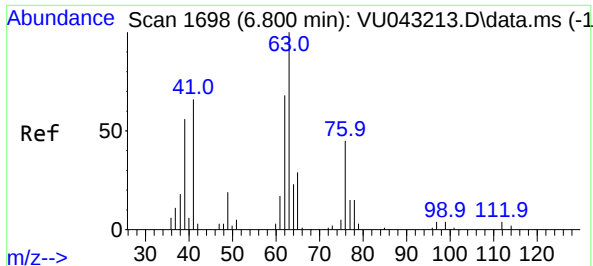
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.0 37.9 56.9#

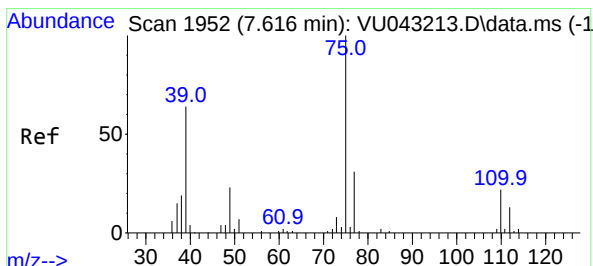
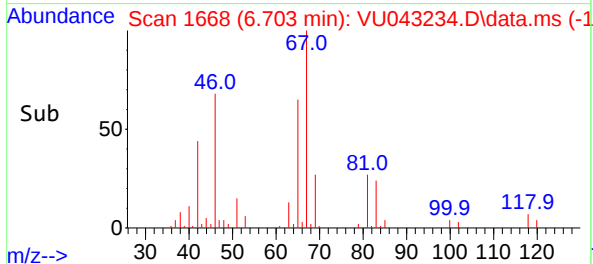
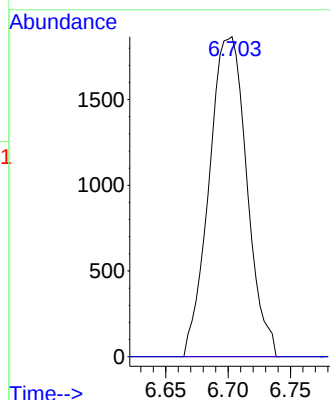
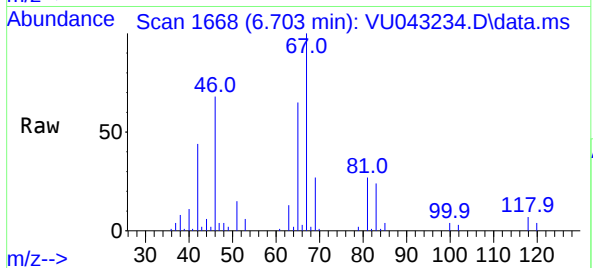




#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

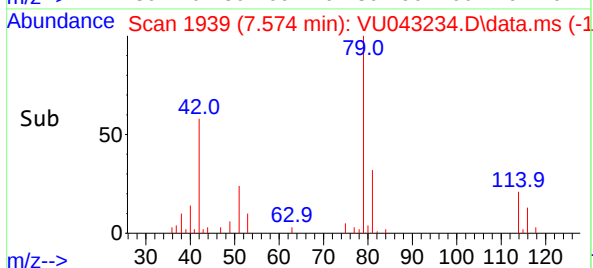
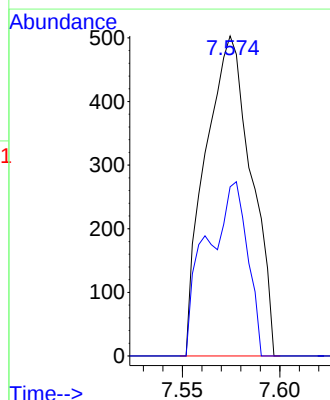
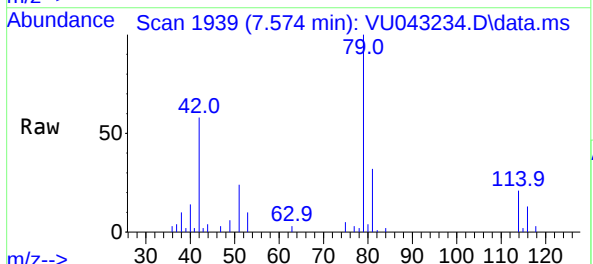
Instrument :
MSVOA_U
ClientSampled :

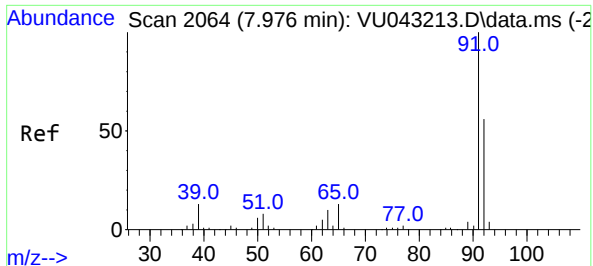
Tgt Ion: 63 Resp: 3930
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 75 Resp: 822
Ion Ratio Lower Upper
75 100
77 52.9 21.8 40.6#

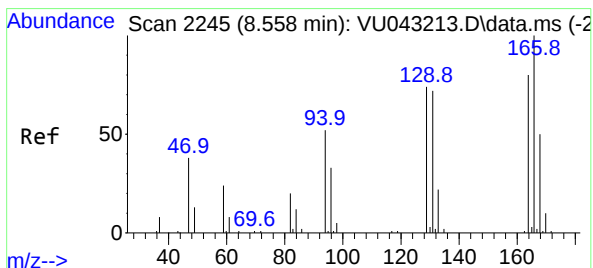
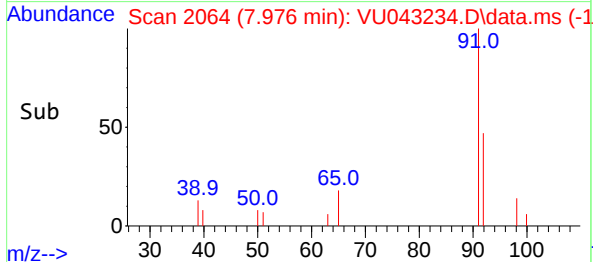
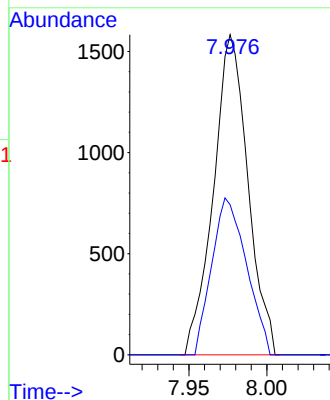
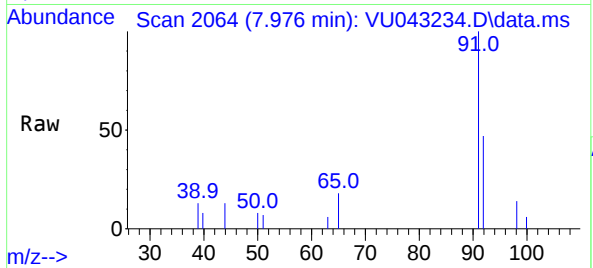




#42
Toluene
Concen: 0.11 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

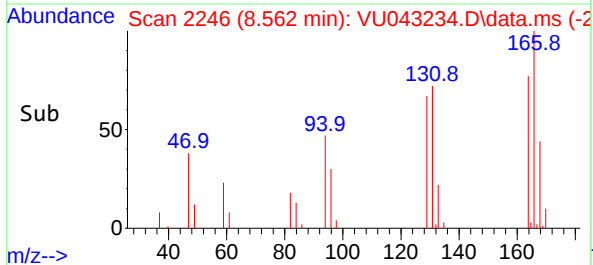
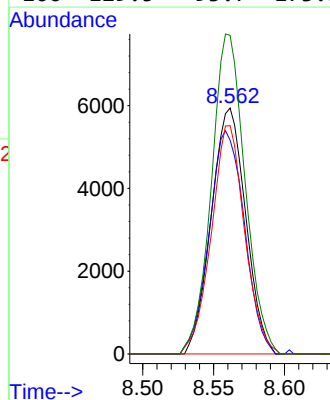
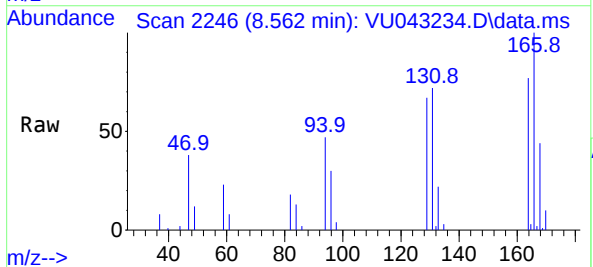
Instrument :
MSVOA_U
ClientSampled :

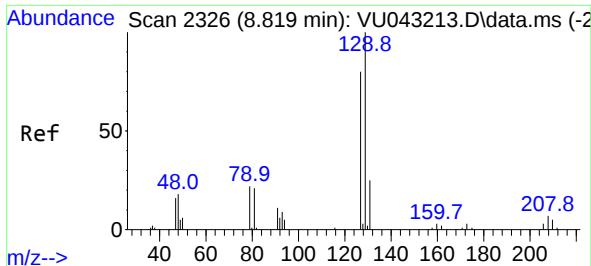
Tgt Ion: 91 Resp: 2435
Ion Ratio Lower Upper
91 100
92 46.9 40.9 76.0



#47
Tetrachloroethene
Concen: 2.30 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 164 Resp: 10034
Ion Ratio Lower Upper
164 100
129 86.9 66.6 123.8
131 92.9 65.9 122.3
166 129.5 93.7 173.9

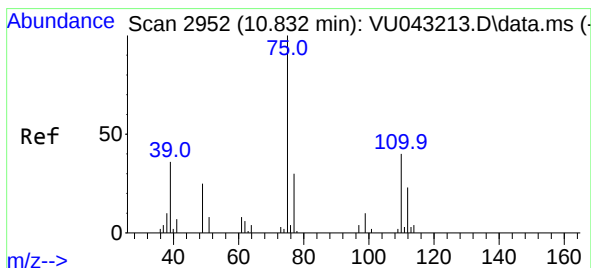
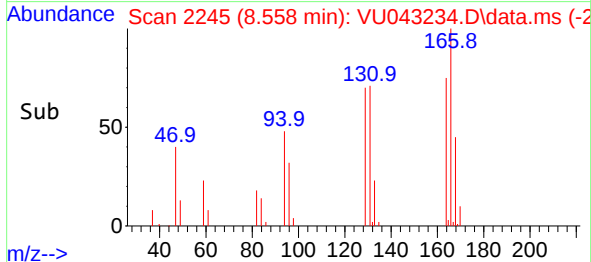
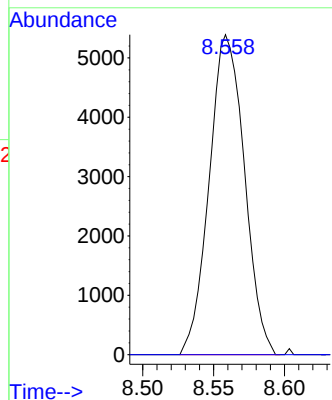
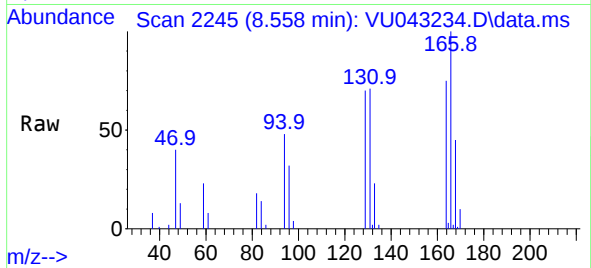




#49
Dibromochloromethane
Concen: 1.75 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 9324
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



#61
1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043234.D
Acq: 20 Apr 2021 19:28

Tgt Ion: 75 Resp: 4270
Ion Ratio Lower Upper
75 100
110 0.9 31.5 47.3#
77 38.1 26.3 39.5

