

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043845.D
 Acq On : 19 May 2021 22:40
 Operator : SY/MD
 Sample : M2459-01 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ7

Quant Time: May 20 03:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

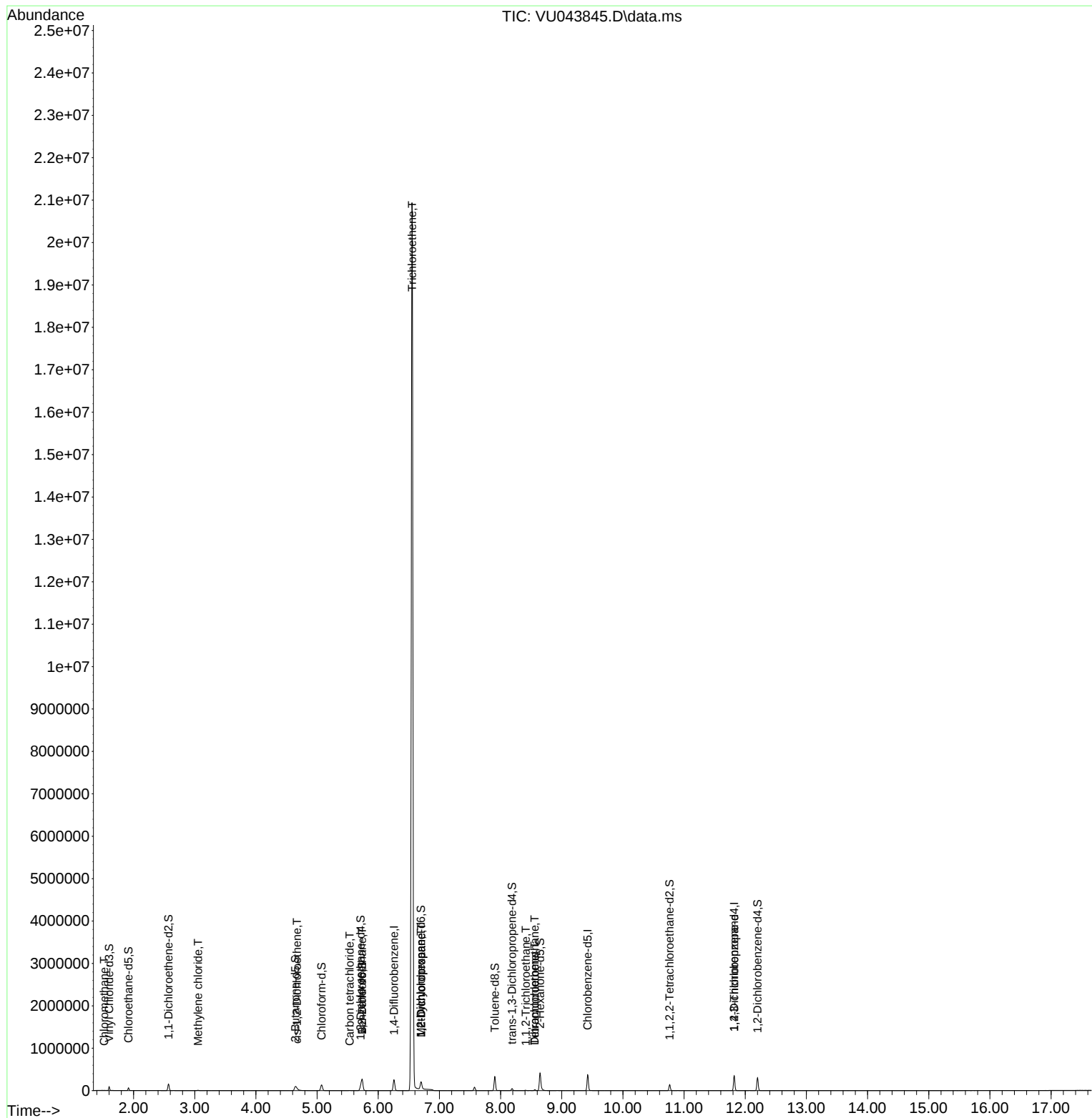
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	211920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	217176	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99794	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	62776	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.916	69	45462	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.571	65	29596	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.645	46	191098	64.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.64%
24) Chloroform-d	5.073	84	127225	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.713	65	66282	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	258735	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	85046	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	220279	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloroprop...	8.185	79	28067	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.645	63	152603	51.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.84%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72165	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	86021	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1939	0.11	ug/L	86
16) Methylene chloride	3.054	84	4193	0.20	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	1969	0.13	ug/L	96
27) 1,2-Dichloroethane	5.735	62	1229	0.08	ug/L #	74
31) Carbon tetrachloride	5.533	117	1890	0.10	ug/L	94
34) Trichloroethene	6.552	95	7372295	457.38	ug/L	99
35) Methylcyclohexane	6.700	83	19819	0.79	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	8489	0.52	ug/L #	89
45) 1,1,2-Trichloroethane	8.410	97	3226	0.27	ug/L	98
47) Tetrachloroethene	8.558	164	5144	0.39	ug/L	99
49) Dibromochloromethane	8.558	129	5072	0.38	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10508	1.10	ug/L #	69

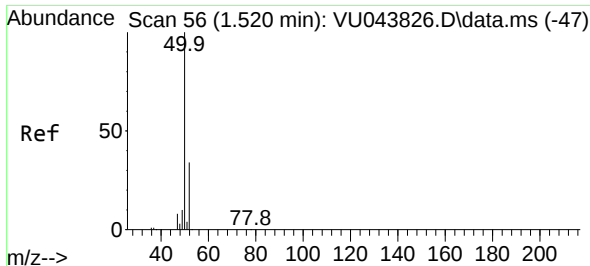
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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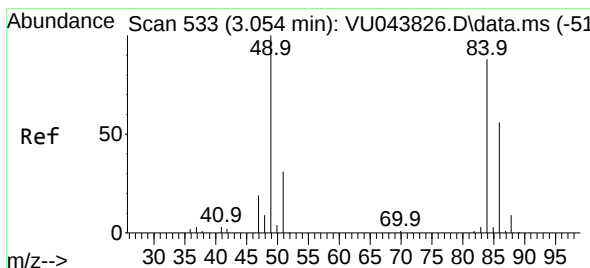
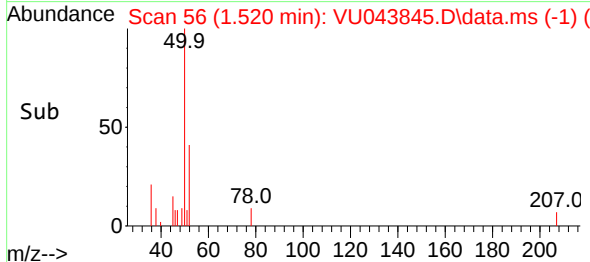
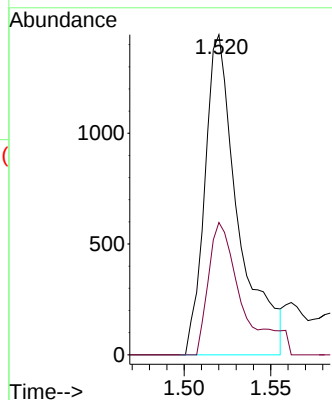
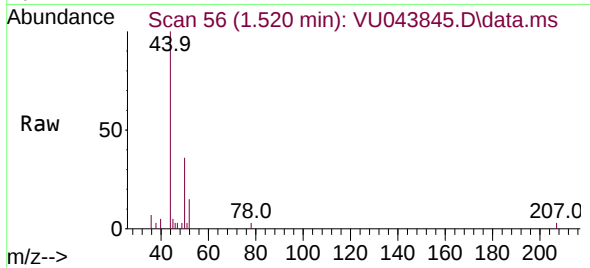




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

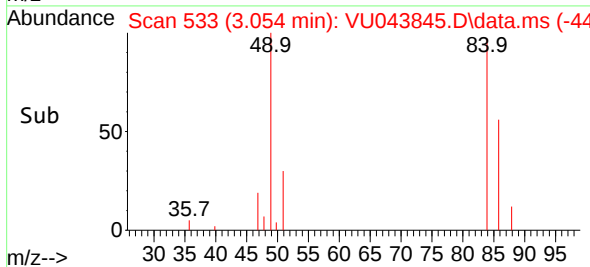
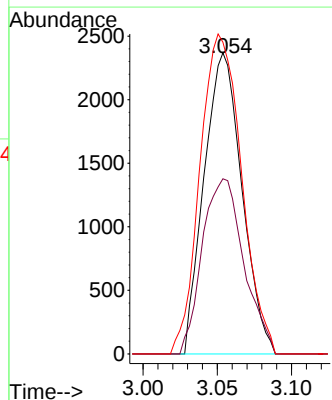
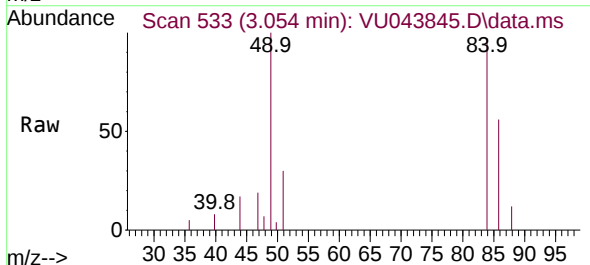
Instrument :
MSVOA_U
ClientSampled :
C0GJ7

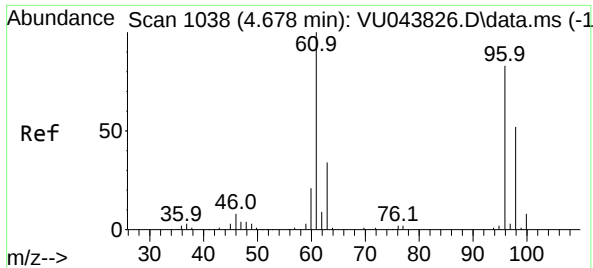
Tgt Ion: 50 Resp: 1939
Ion Ratio Lower Upper
50 100
52 41.3 23.2 43.2



#16
Methylene chloride
Concen: 0.20 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 84 Resp: 4193
Ion Ratio Lower Upper
84 100
86 58.2 44.7 82.9
49 108.0 83.1 154.3

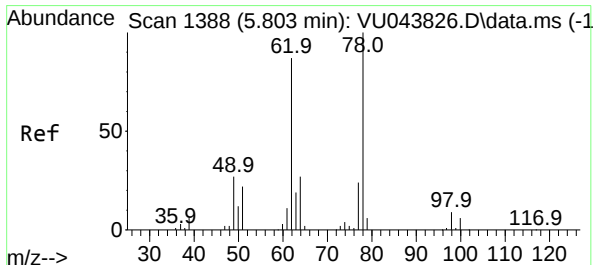
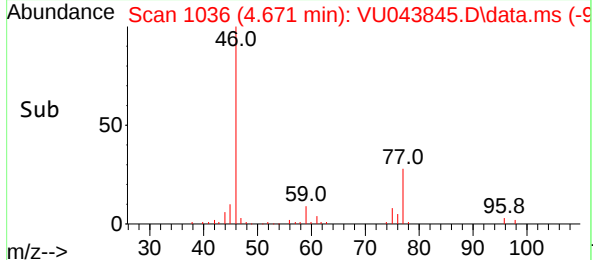
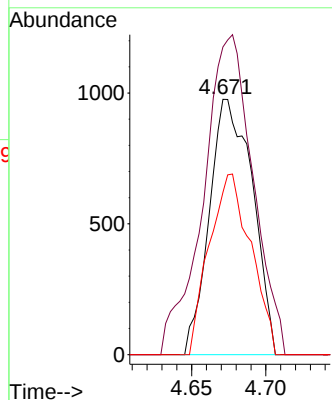
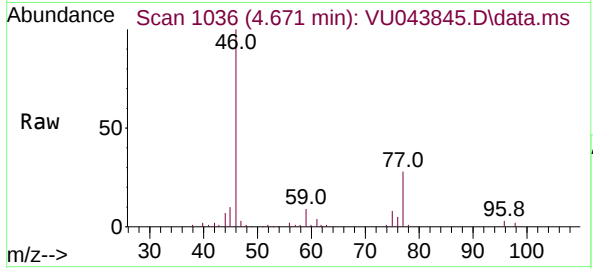




#22
 cis-1,2-Dichloroethene
 Concen: 0.13 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VU043845.D
 Acq: 19 May 2021 22:40

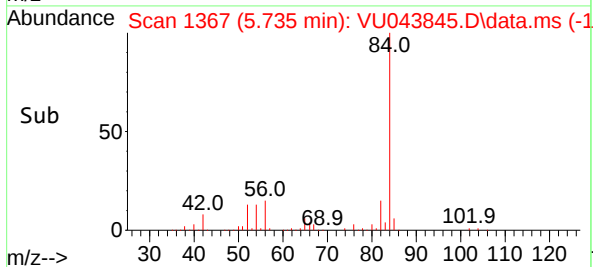
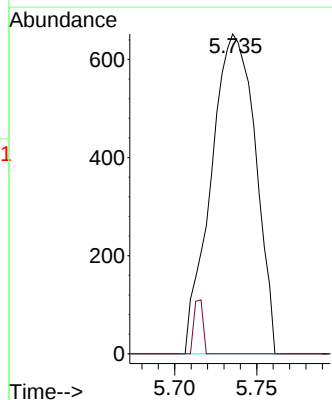
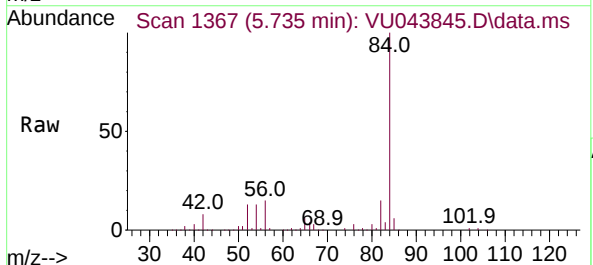
Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ7

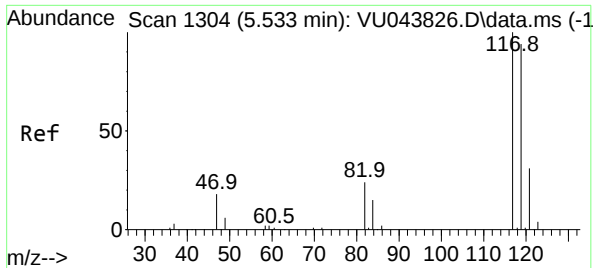
Tgt Ion:	96	Resp:	1969
Ion	Ratio	Lower	Upper
96	100		
61	120.5	89.0	165.4
98	63.5	44.9	83.3



#27
 1,2-Dichloroethane
 Concen: 0.08 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.068 min
 Lab File: VU043845.D
 Acq: 19 May 2021 22:40

Tgt Ion:	62	Resp:	1229
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#

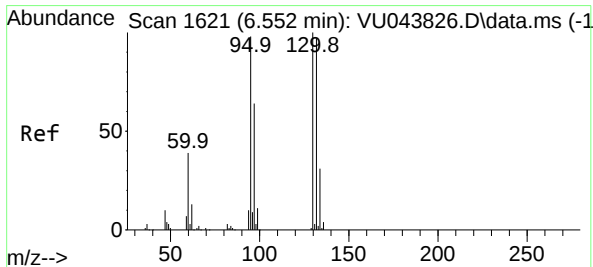
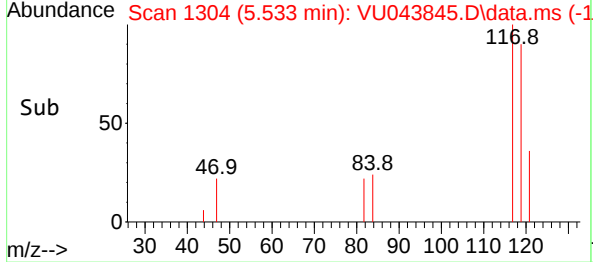
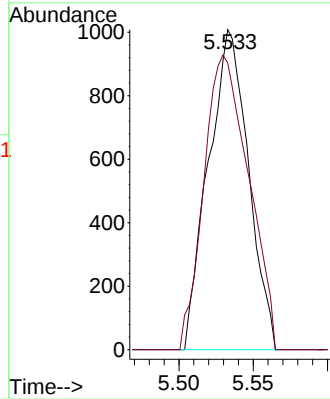
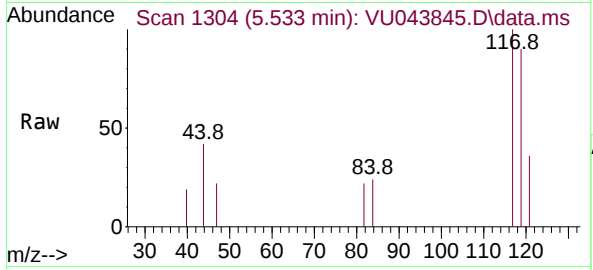




#31
Carbon tetrachloride
Concen: 0.10 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

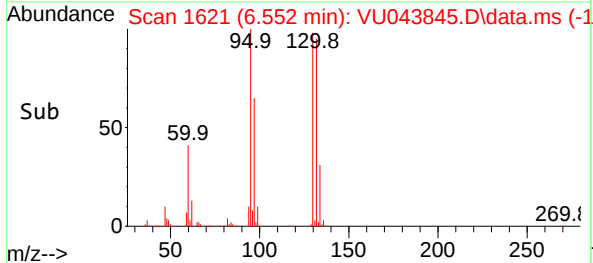
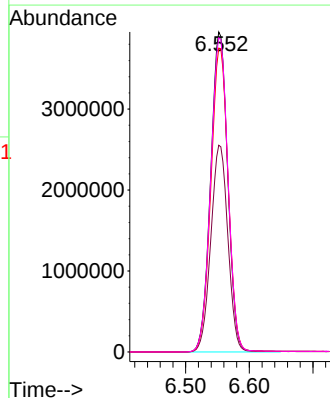
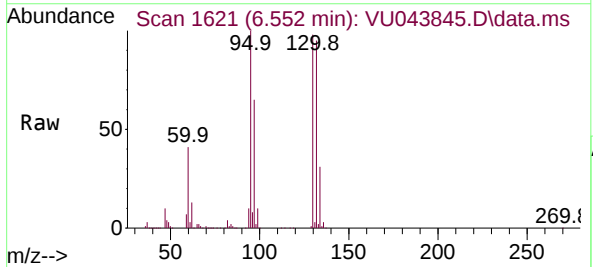
Instrument :
MSVOA_U
ClientSampleId :
C0GJ7

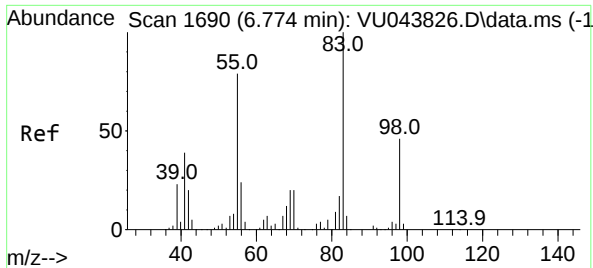
Tgt Ion:117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 103.0 77.4 116.0



#34
Trichloroethene
Concen: 457.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 95 Resp: 7372295
Ion Ratio Lower Upper
95 100
97 64.6 44.3 82.3
132 94.9 66.0 122.6
130 98.1 69.2 128.6

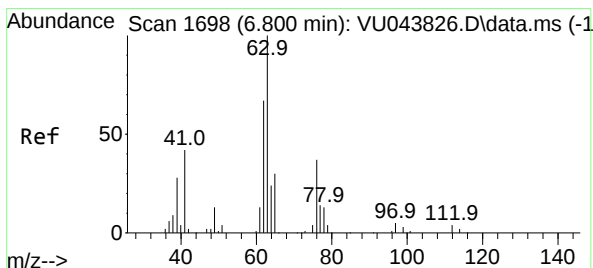
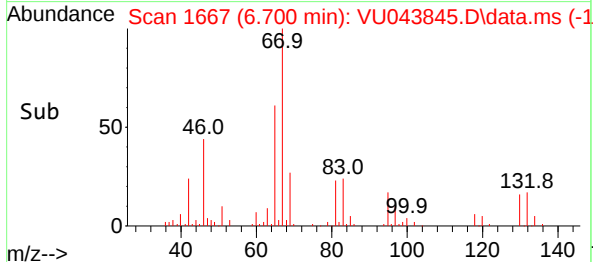
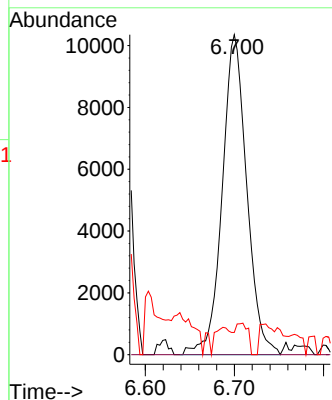
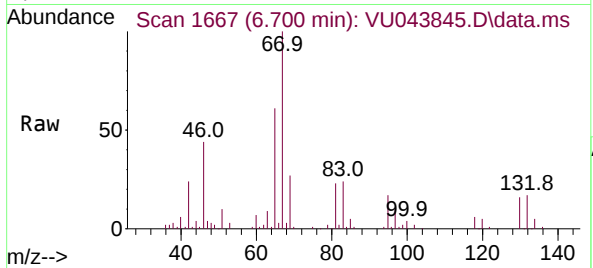




#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

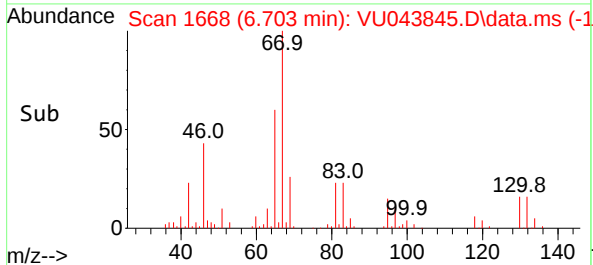
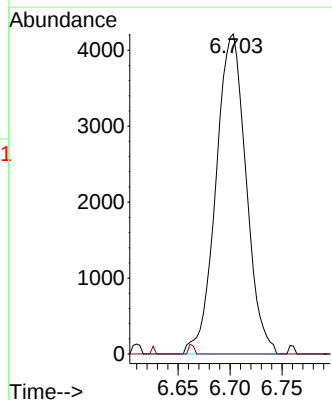
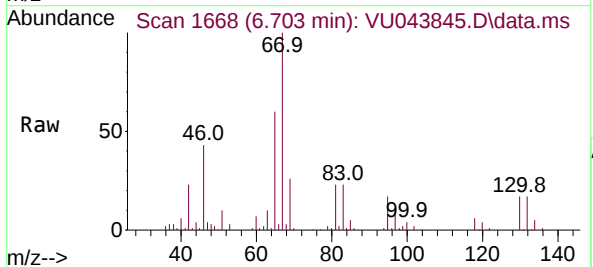
Instrument :
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ClientSampleId :
C0GJ7

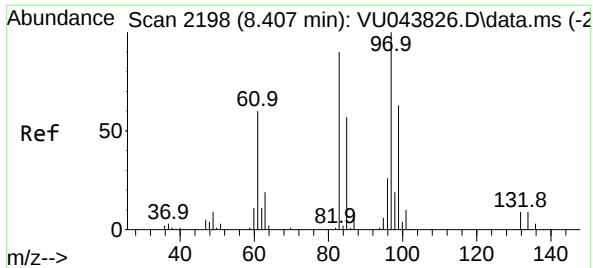
Tgt Ion: 83 Resp: 19819
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 63 Resp: 8489
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.27 ug/L

RT: 8.410 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VU043845.D

Acq: 19 May 2021 22:40

Instrument :

MSVOA_U

ClientSampleId :

C0GJ7

Tgt Ion: 97 Resp: 3226

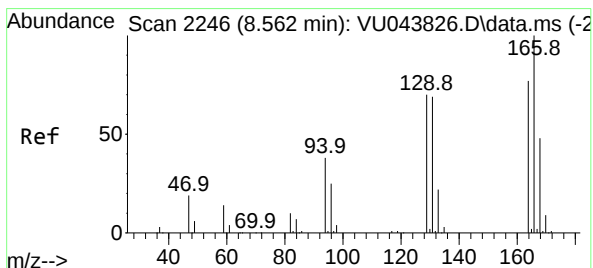
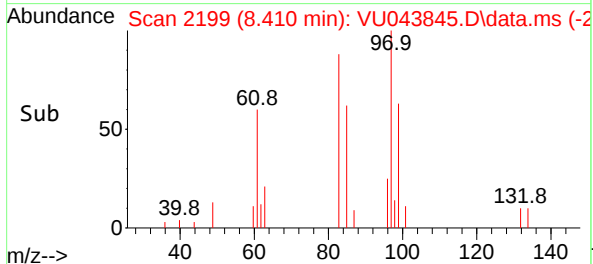
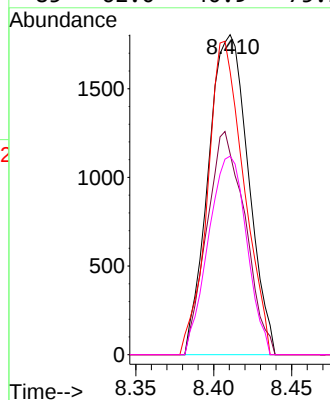
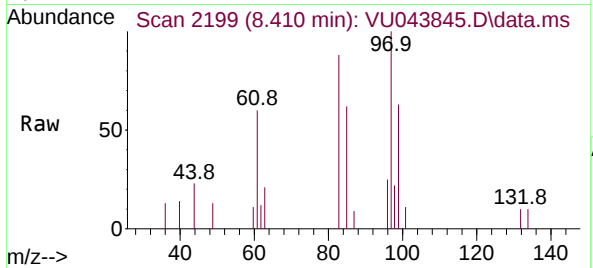
Ion Ratio Lower Upper

97 100

99 62.8 43.8 81.4

83 88.5 62.5 116.1

85 62.0 40.9 75.9



#47

Tetrachloroethene

Concen: 0.39 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043845.D

Acq: 19 May 2021 22:40

Tgt Ion: 164 Resp: 5144

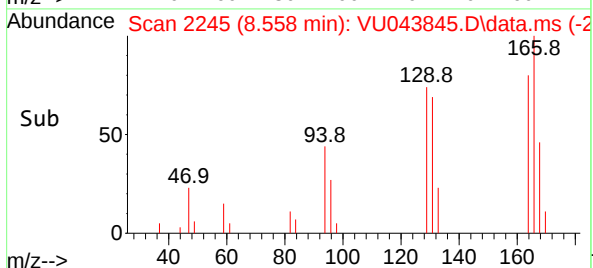
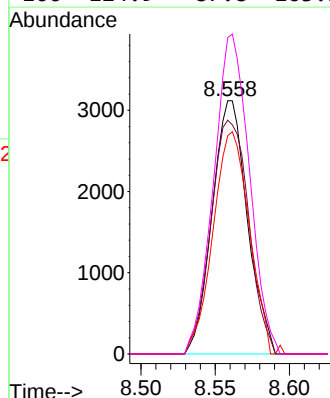
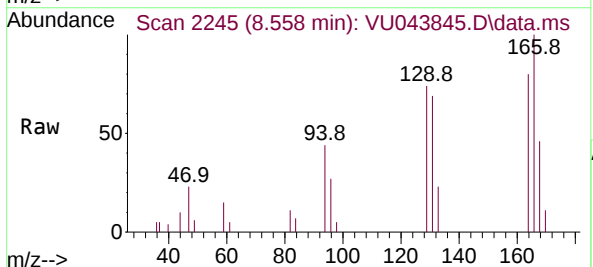
Ion Ratio Lower Upper

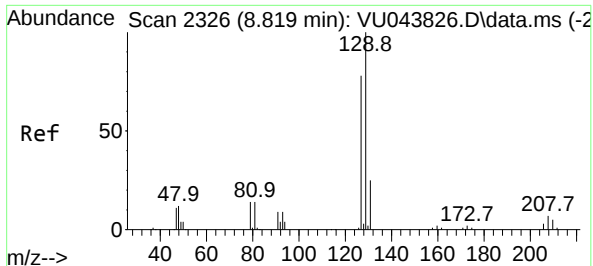
164 100

129 92.3 64.1 119.1

131 86.2 61.2 113.8

166 124.9 87.8 163.2





#49

Dibromochloromethane

Concen: 0.38 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.261 min

Lab File: VU043845.D

Acq: 19 May 2021 22:40

Tgt Ion:129 Resp: 5072

Ion Ratio Lower Upper

129 100

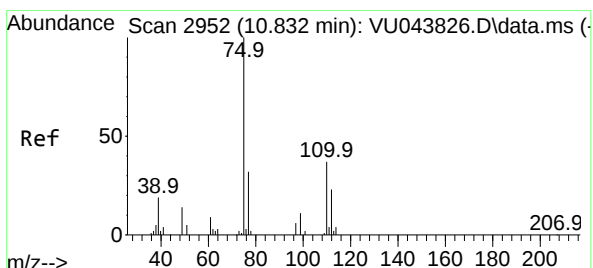
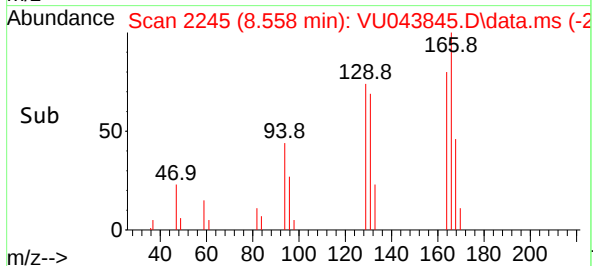
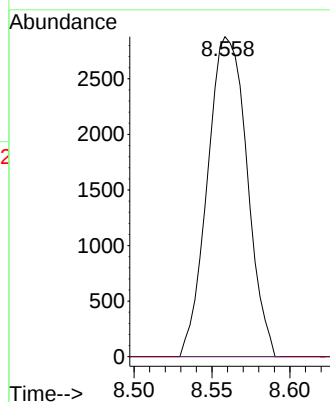
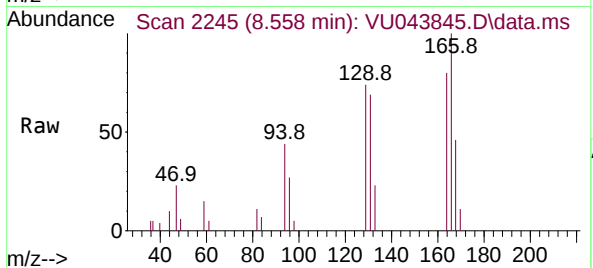
127 0.0 53.4 99.2#

Instrument :

MSVOA_U

ClientSampleId :

C0GJ7



#61

1,2,3-Trichloropropane

Concen: 1.10 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043845.D

Acq: 19 May 2021 22:40

Tgt Ion: 75 Resp: 10508

Ion Ratio Lower Upper

75 100

110 2.2 27.9 41.9#

77 30.8 25.9 38.9

