

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043434.D
 Acq On : 29 Apr 2021 18:51
 Operator : SY/MD
 Sample : M2197-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:31:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

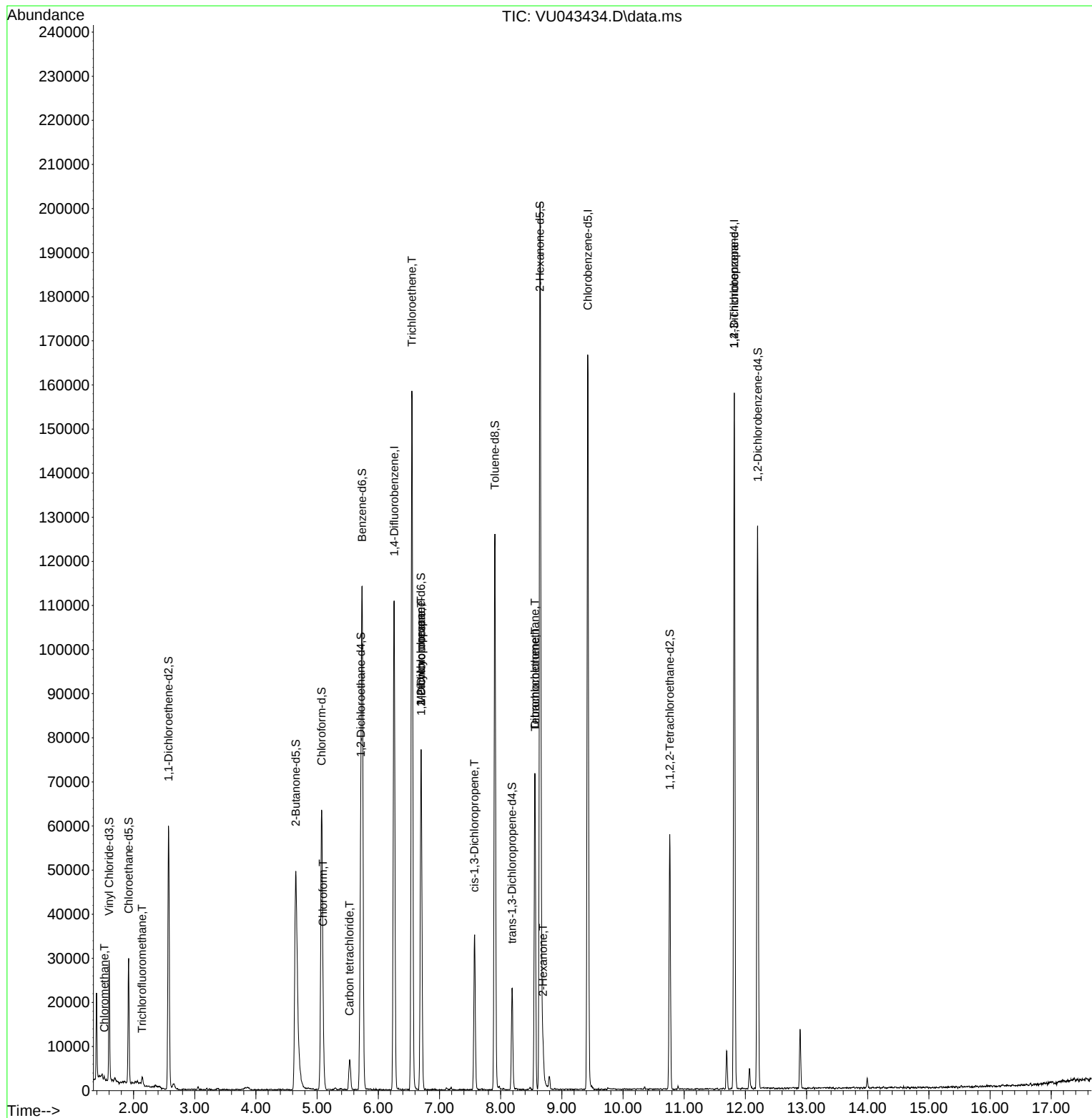
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	80093	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	82644	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37296	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18765	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.919	69	18829	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.572	65	11353	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.652	46	102825	57.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	5.073	84	54001	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	33250	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.736	84	93404	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	33973	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	76274	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.186	79	11659	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	61584	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26573	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	30420	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	619	0.12	ug/L	84
9) Trichlorofluoromethane	2.138	101	1007	0.10	ug/L	95
25) Chloroform	5.096	83	7037	0.64	ug/L	96
31) Carbon tetrachloride	5.530	117	4427	0.52	ug/L	97
34) Trichloroethene	6.549	95	50833	8.35	ug/L	95
35) Methylcyclohexane	6.700	83	7397	0.88	ug/L #	21
37) 1,2-Dichloropropane	6.703	63	4181	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.572	75	790	0.09	ug/L #	73
47) Tetrachloroethene	8.562	164	14841	3.08	ug/L	97
48) 2-Hexanone	8.694	43	4165	1.02	ug/L #	66
49) Dibromochloromethane	8.559	129	14531	2.48	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4823	1.25	ug/L #	63

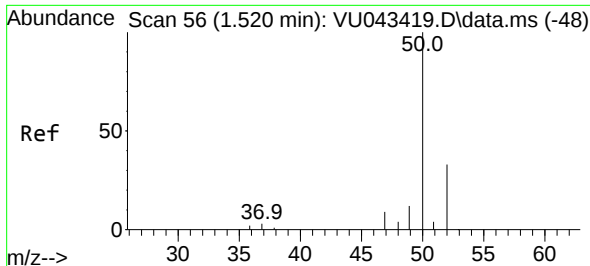
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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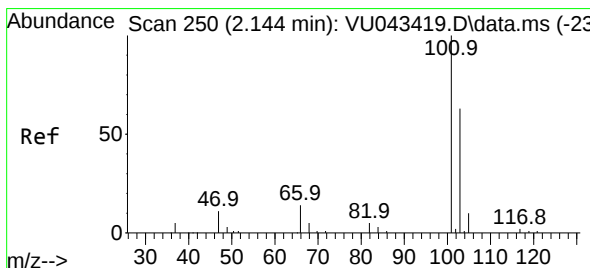
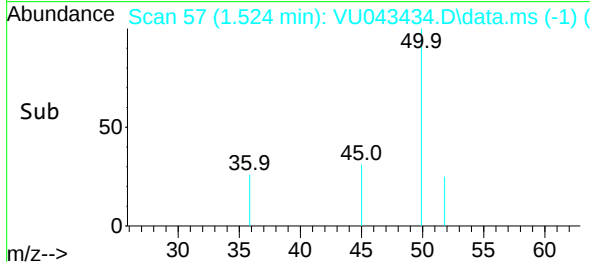
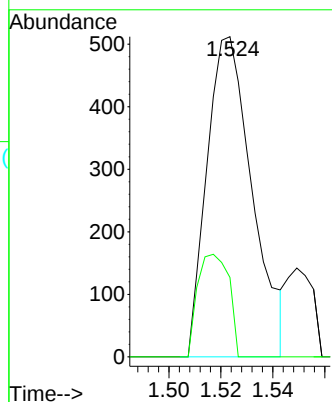
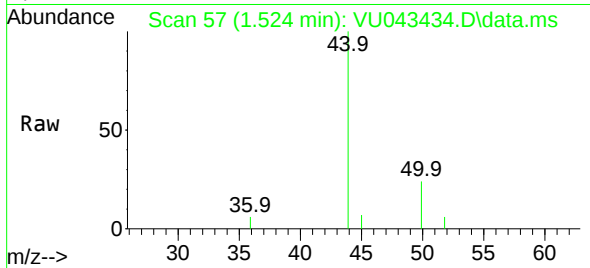




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

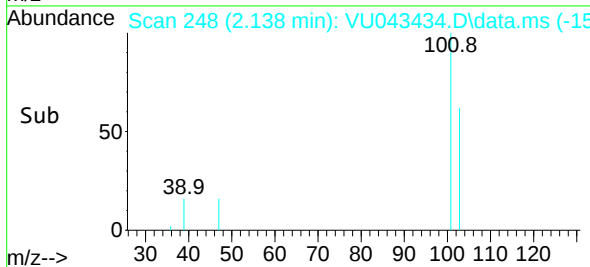
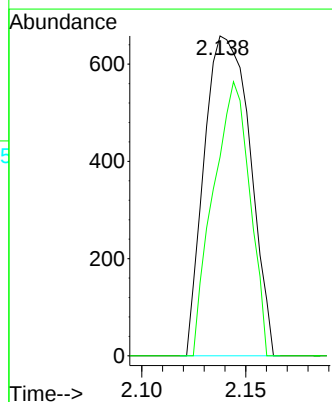
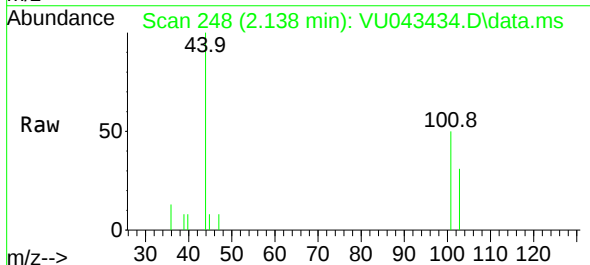
Instrument :
MSVOA_U
ClientSampled :

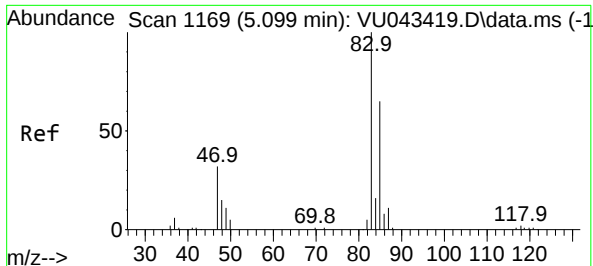
Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 24.8 23.6 43.8



#9
Trichlorofluoromethane
Concen: 0.10 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 101 Resp: 1007
Ion Ratio Lower Upper
101 100
103 68.3 51.5 77.3





#25

Chloroform

Concen: 0.64 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU043434.D

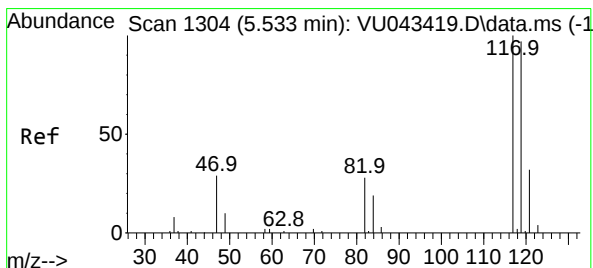
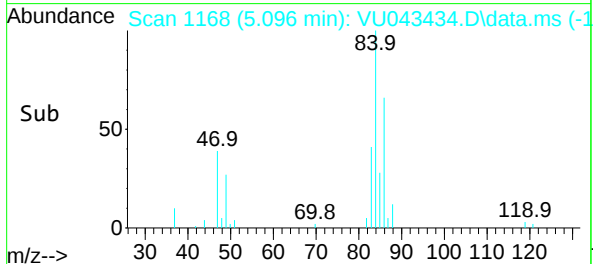
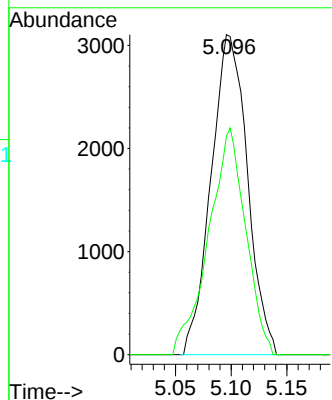
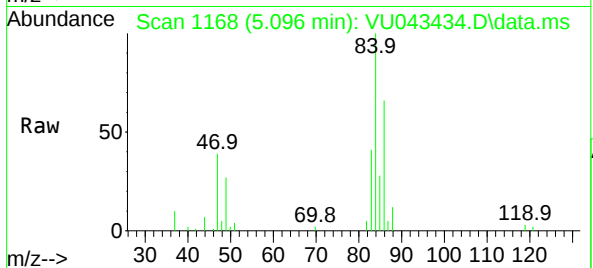
Acq: 29 Apr 2021 18:51

Tgt Ion: 83 Resp: 7037

Ion Ratio Lower Upper

83 100

85 68.3 45.6 84.8



#31

Carbon tetrachloride

Concen: 0.52 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU043434.D

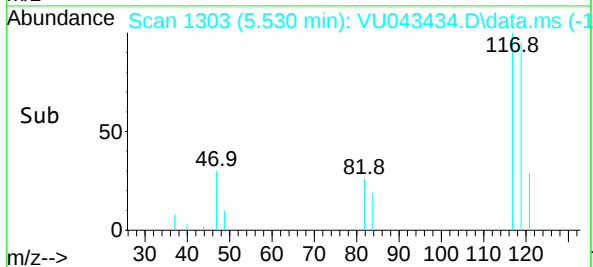
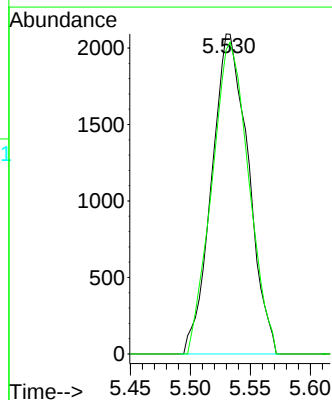
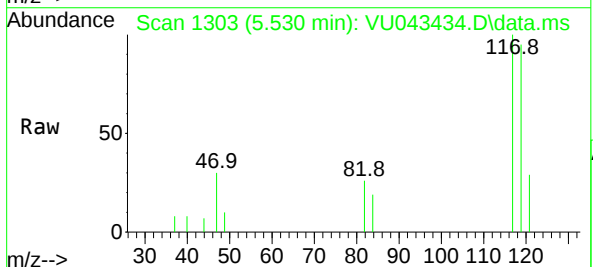
Acq: 29 Apr 2021 18:51

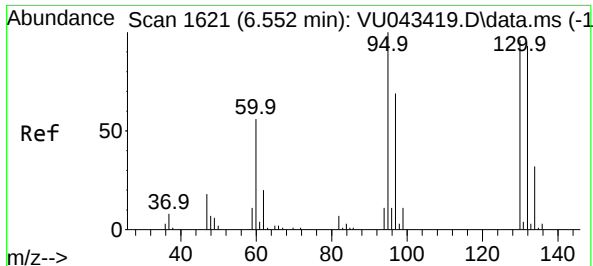
Tgt Ion: 117 Resp: 4427

Ion Ratio Lower Upper

117 100

119 98.1 76.2 114.4

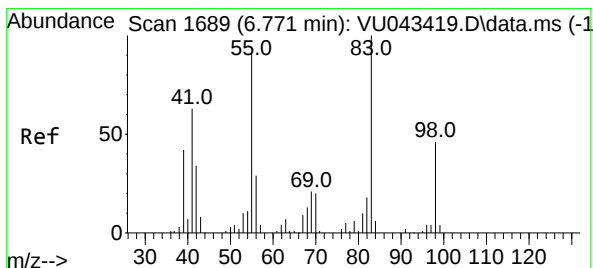
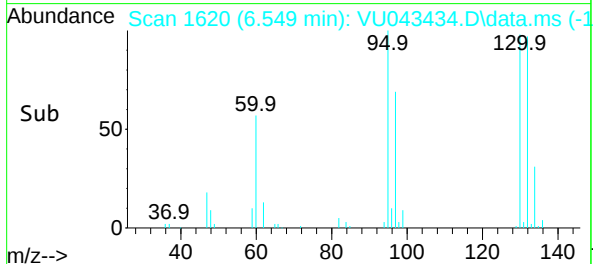
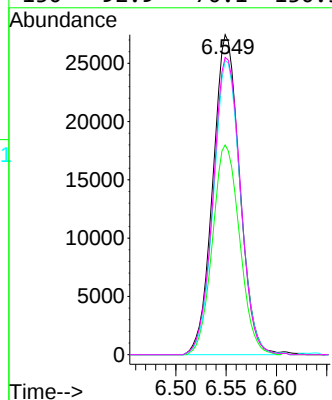
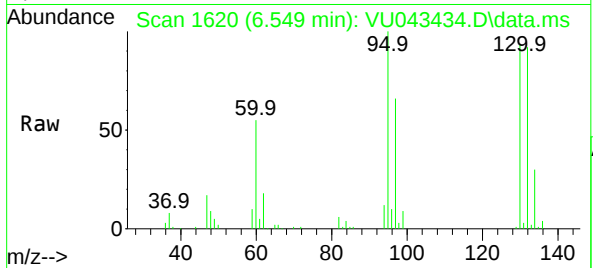




#34
Trichloroethene
Concen: 8.35 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

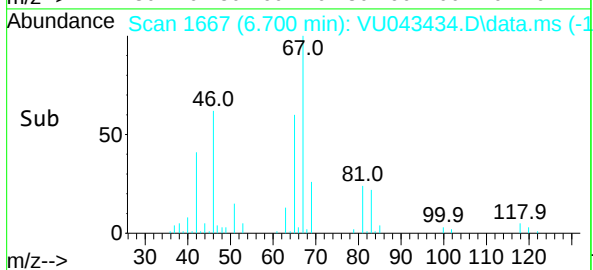
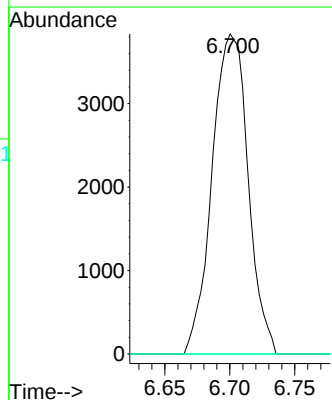
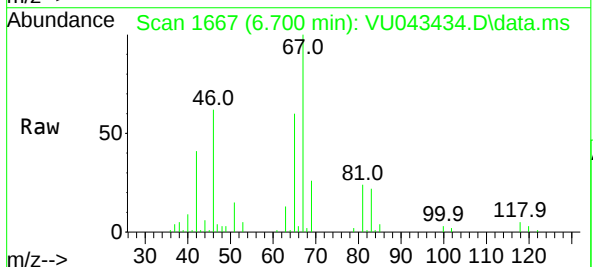
Instrument :
MSVOA_U
ClientSampleId :

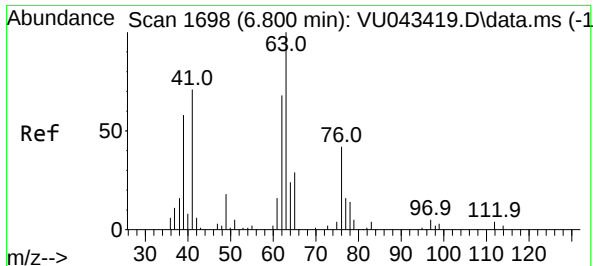
Tgt Ion: 95 Resp: 50833
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.2
132 92.0 68.7 127.7
130 92.9 70.1 130.3



#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 83 Resp: 7397
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 4.0 37.9 56.9#



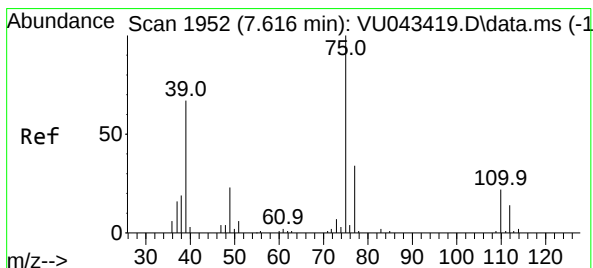
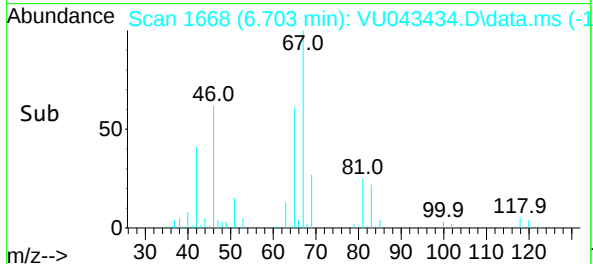
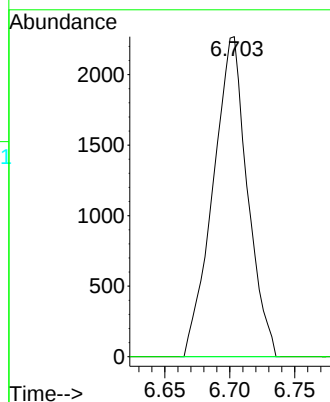
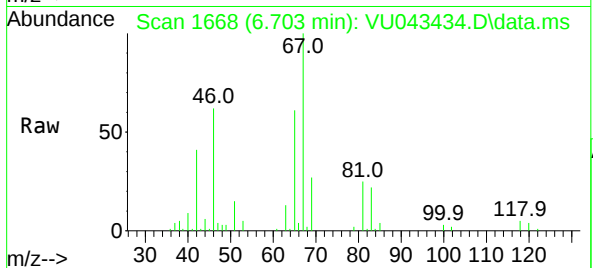


#37

1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Instrument :
MSVOA_U
ClientSampled :

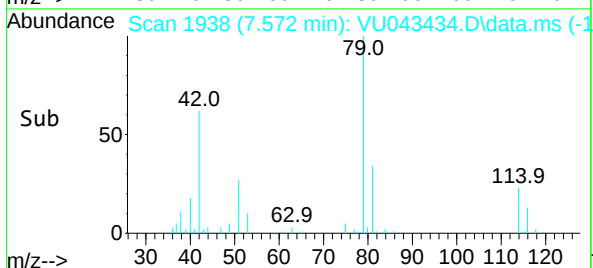
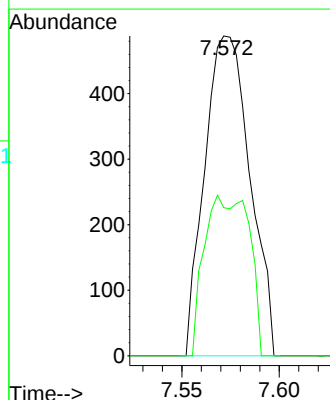
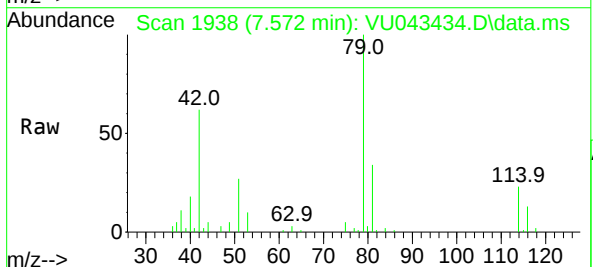
Tgt Ion: 63 Resp: 4181
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

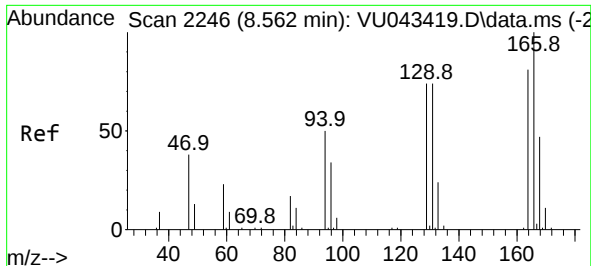


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 75 Resp: 790
Ion Ratio Lower Upper
75 100
77 46.3 21.8 40.6#

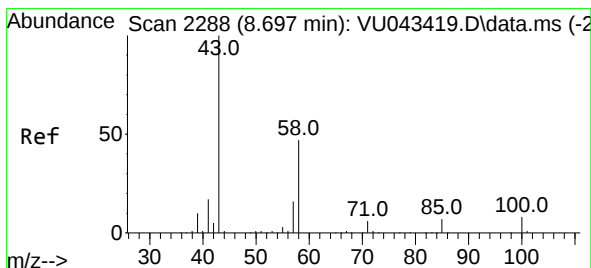
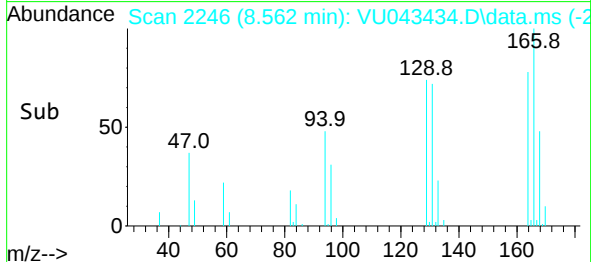
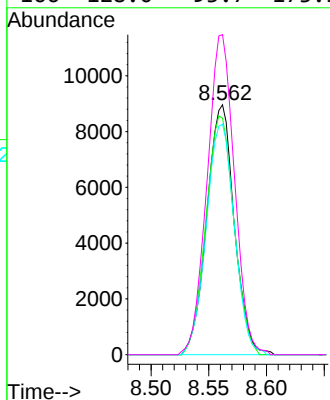
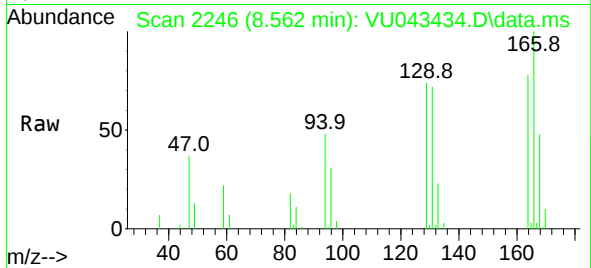




#47
Tetrachloroethene
Concen: 3.08 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

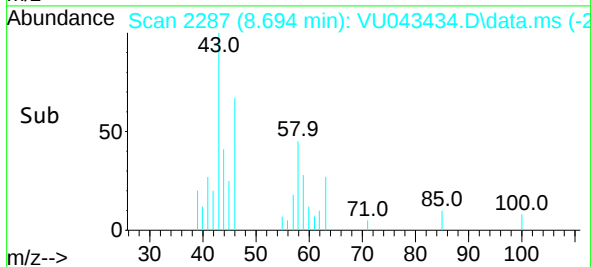
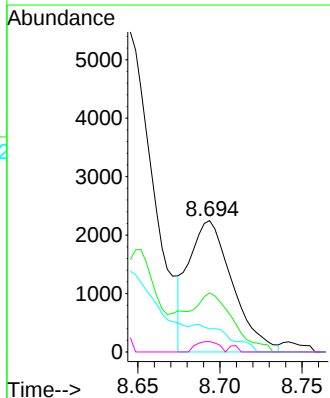
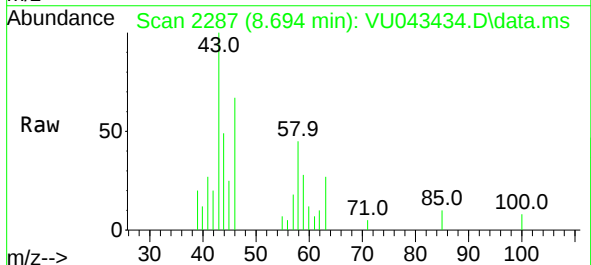
Instrument :
MSVOA_U
ClientSampled :

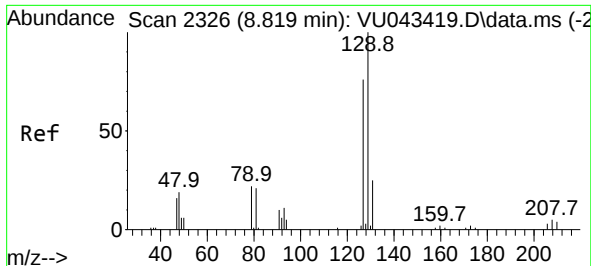
Tgt Ion:164 Resp: 14841
Ion Ratio Lower Upper
164 100
129 94.6 66.6 123.8
131 92.2 65.9 122.3
166 128.0 93.7 173.9



#48
2-Hexanone
Concen: 1.02 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043434.D
Acq: 29 Apr 2021 18:51

Tgt Ion: 43 Resp: 4165
Ion Ratio Lower Upper
43 100
58 38.3 50.0 75.0#
57 0.0 17.4 26.0#
100 4.1 11.8 17.8#





#49

Dibromochloromethane

Concen: 2.48 ug/L

RT: 8.559 min Scan# 2245

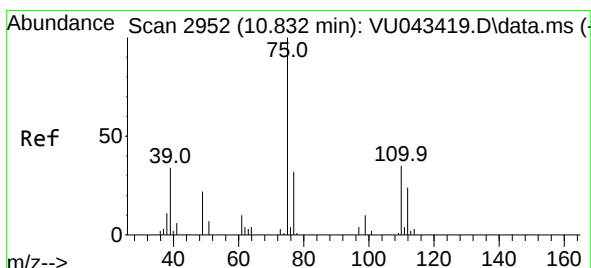
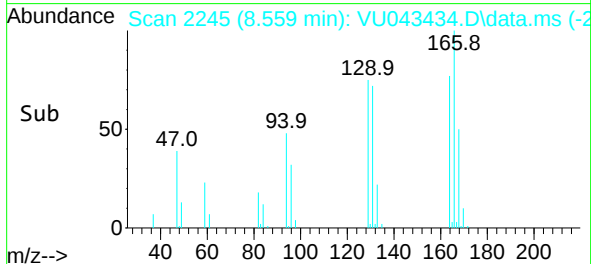
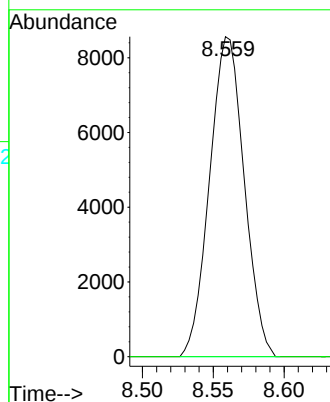
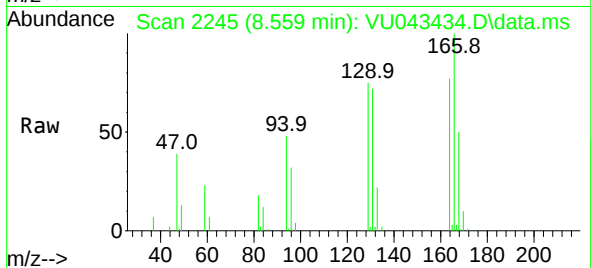
Delta R.T. -0.260 min

Lab File: VU043434.D

Acq: 29 Apr 2021 18:51

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 14531
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.25 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043434.D

Acq: 29 Apr 2021 18:51

Tgt Ion: 75 Resp: 4823
Ion Ratio Lower Upper
75 100
110 0.4 31.5 47.3#
77 36.0 26.3 39.5

