

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043546.D
 Acq On : 05 May 2021 11:22
 Operator : SY/MD
 Sample : M2195-12 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 13:05:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

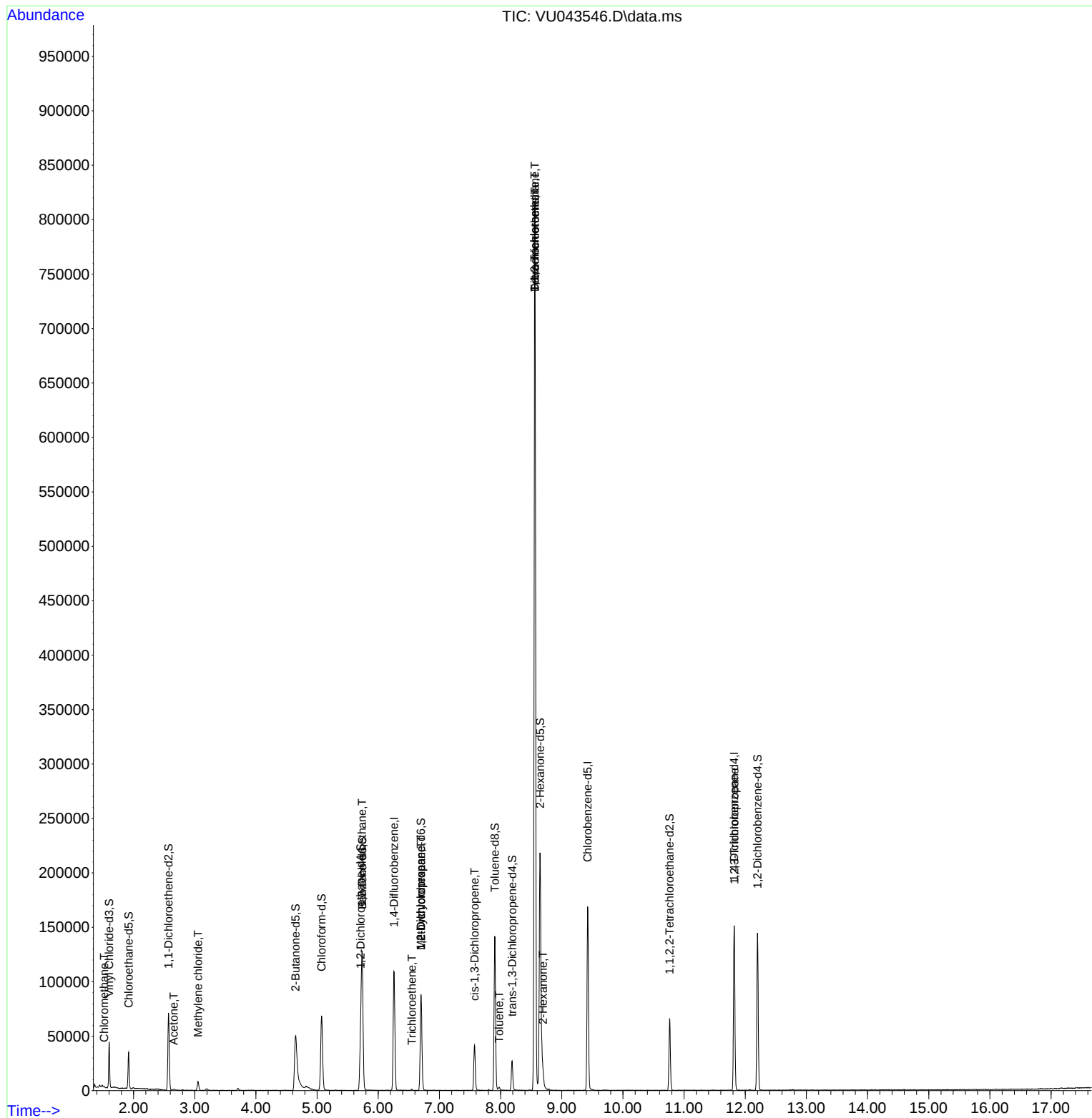
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79322	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84511	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37033	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27473	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.919	69	22278	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.571	65	13840	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.649	46	105375	53.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	5.073	84	59304	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.713	65	37366	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.739	84	104354	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	38523	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.906	98	86154	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.189	79	13913	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.645	63	72153	53.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.38%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31094	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	33182	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	564	0.10	ug/L #	72
13) Acetone	2.655	43	1961	1.49	ug/L	69
16) Methylene chloride	3.054	84	3228	0.45	ug/L	91
27) 1,2-Dichloroethane	5.735	62	754	0.09	ug/L #	78
34) Trichloroethene	6.549	95	350	0.06	ug/L	86
35) Methylcyclohexane	6.700	83	8520	1.16	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4493	0.68	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1100	0.12	ug/L #	66
42) Toluene	7.976	91	1923	0.08	ug/L	95
45) 1,1,2-Trichloroethane	8.558	97	1619	0.35	ug/L #	2
47) Tetrachloroethene	8.562	164	167820	40.07	ug/L	98
48) 2-Hexanone	8.693	43	4372	1.08	ug/L #	90
49) Dibromochloromethane	8.562	129	157557	28.38	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	5271	1.41	ug/L #	67

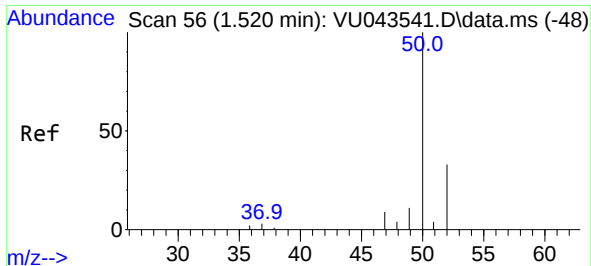
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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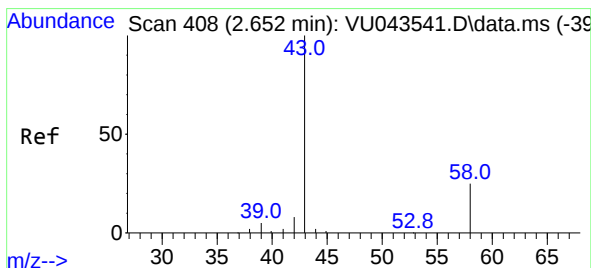
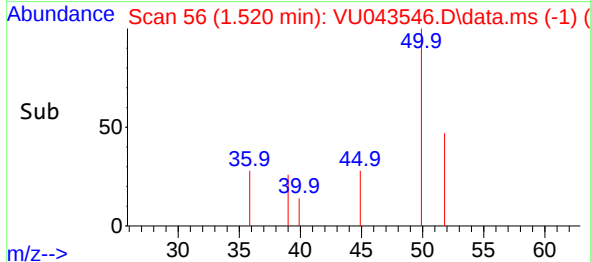
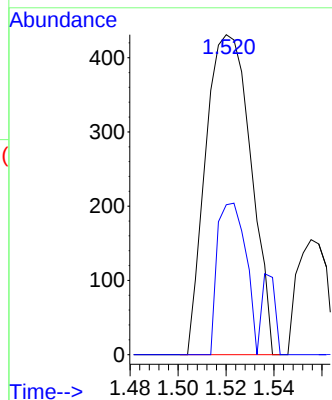
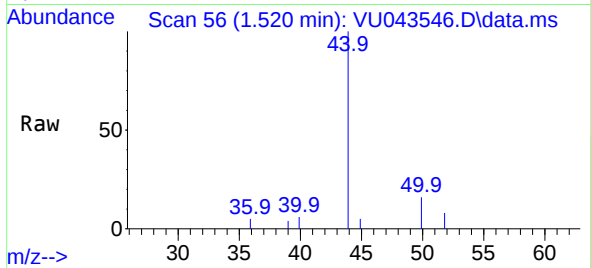




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

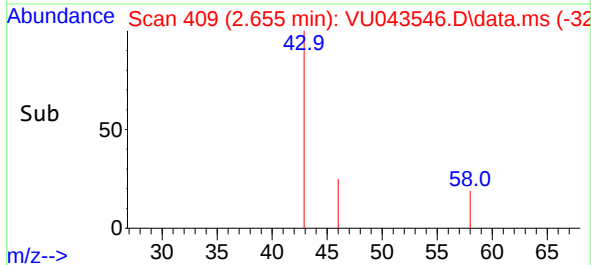
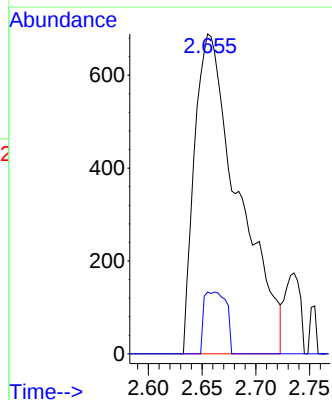
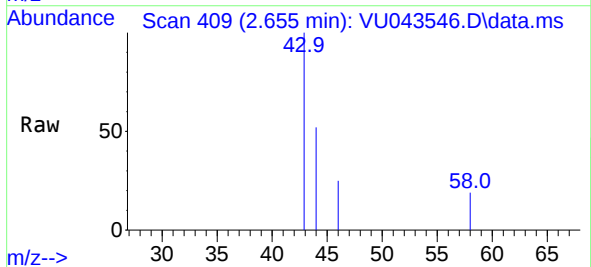
Instrument :
MSVOA_U
ClientSampled :

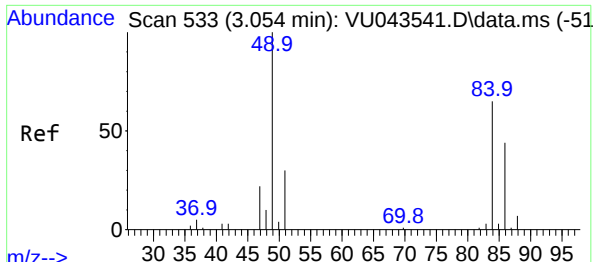
Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 46.9 22.1 41.1#



#13
Acetone
Concen: 1.49 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.013 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 9.8 0.0 50.8

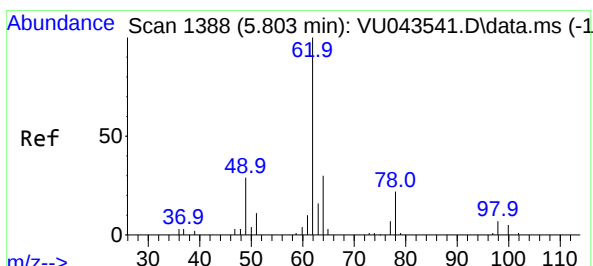
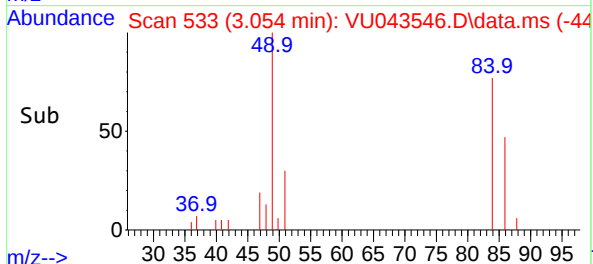
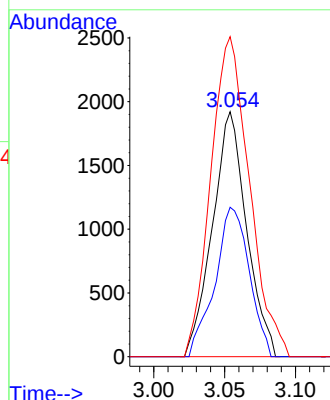
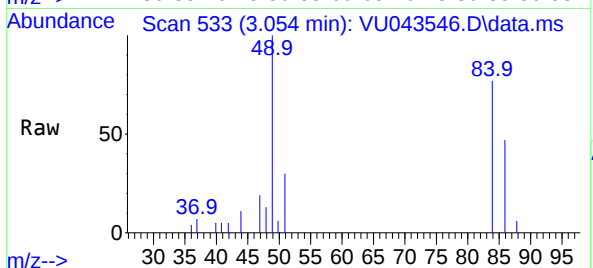




#16
Methylene chloride
Concen: 0.45 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

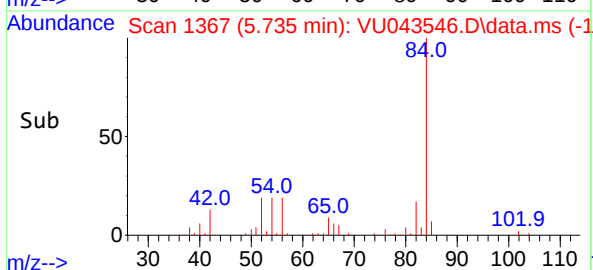
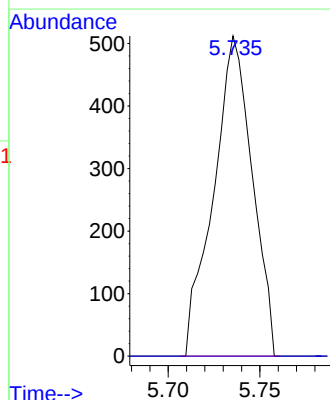
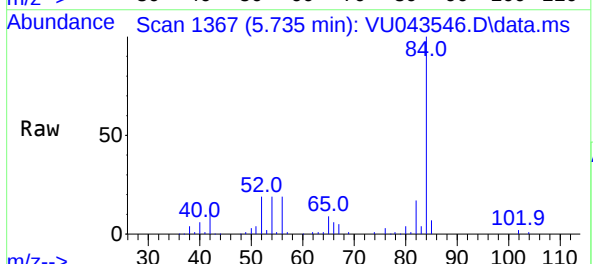
Instrument :
MSVOA_U
ClientSampled :

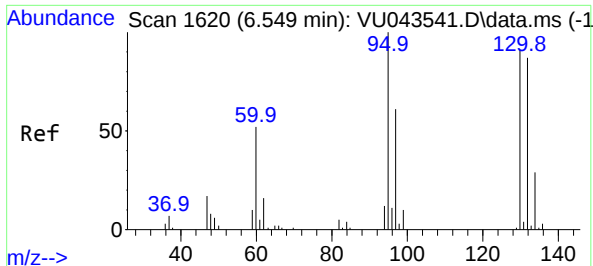
Tgt Ion: 84 Resp: 3228
Ion Ratio Lower Upper
84 100
86 61.0 45.6 84.6
49 138.9 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 62 Resp: 754
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



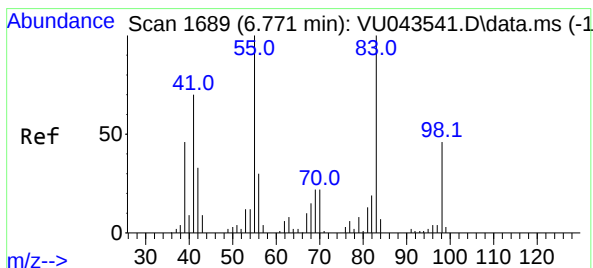
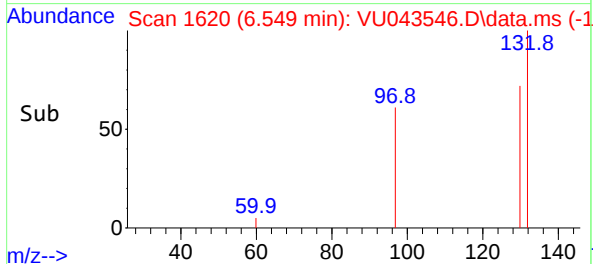
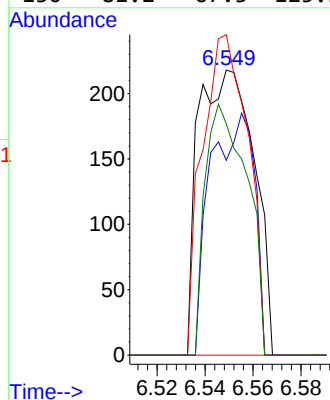
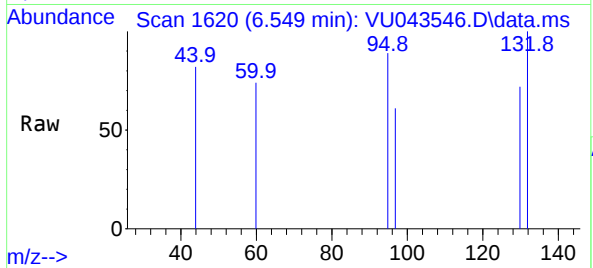


#34
Trichloroethene
Concen: 0.06 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 350

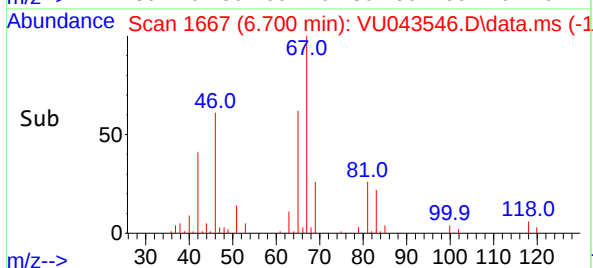
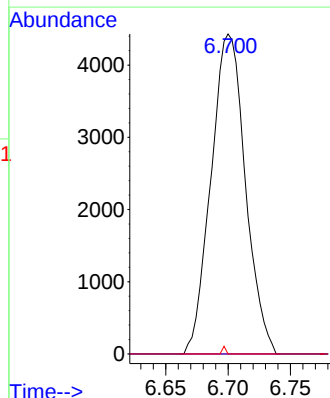
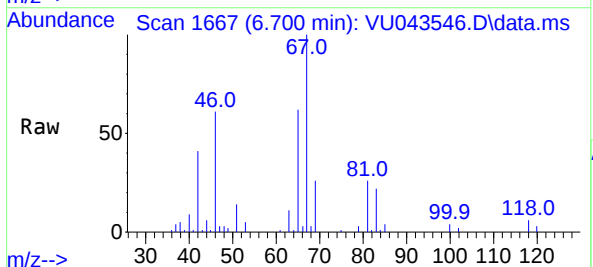
Ion	Ratio	Lower	Upper
95	100		
97	68.3	46.5	86.5
132	112.4	64.1	119.1
130	81.2	67.3	125.1

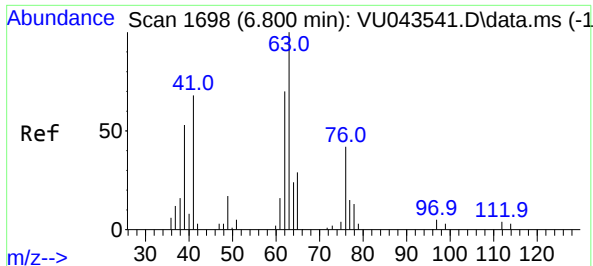


#35
Methylcyclohexane
Concen: 1.16 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 83 Resp: 8520

Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.2	35.5	53.3#

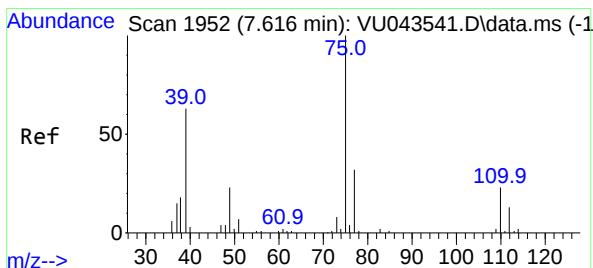
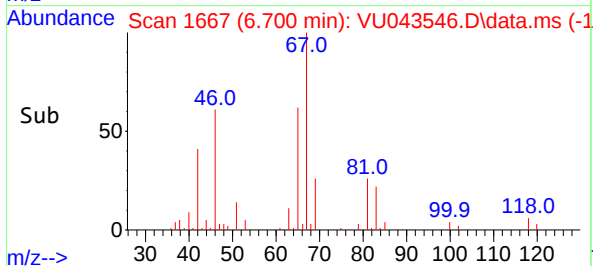
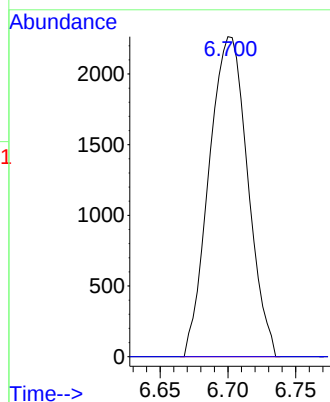
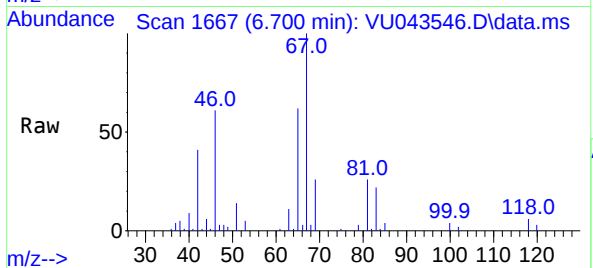




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

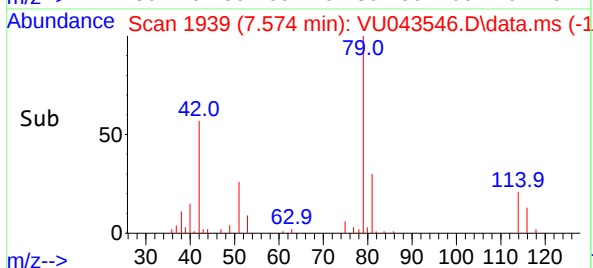
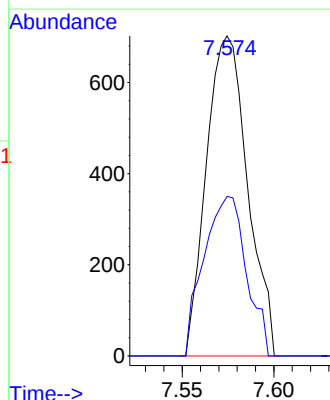
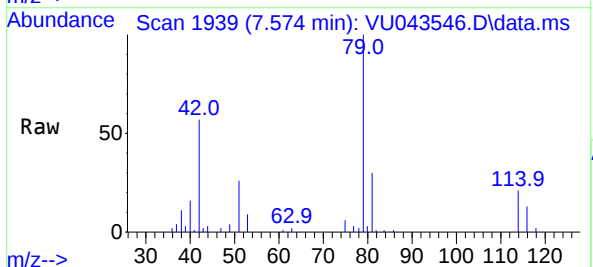
Instrument :
MSVOA_U
ClientSampled :

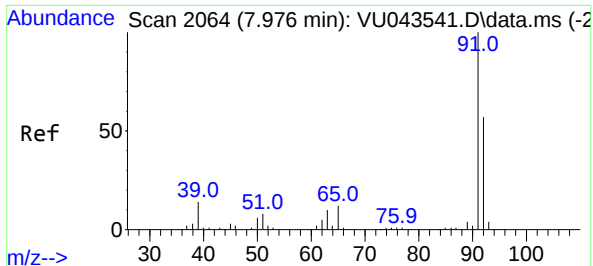
Tgt Ion: 63 Resp: 4493
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
77 49.9 21.9 40.7#

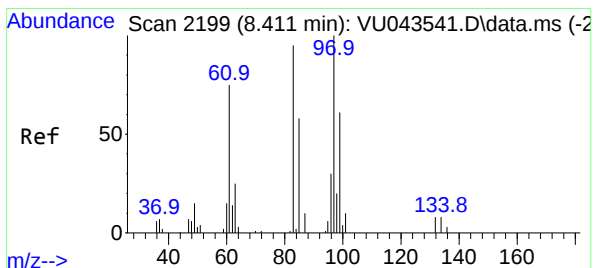
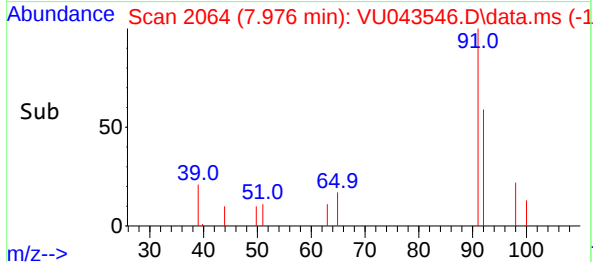
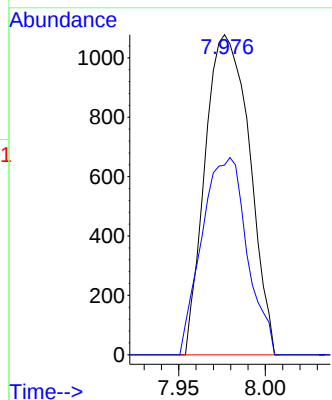
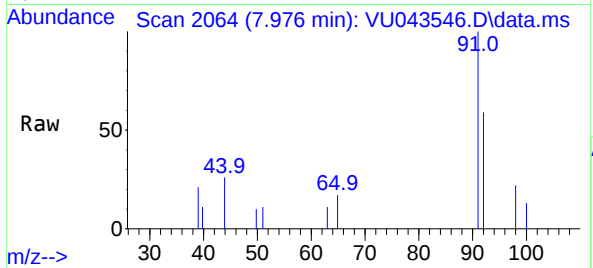




#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

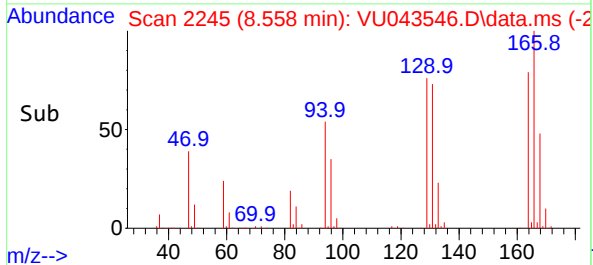
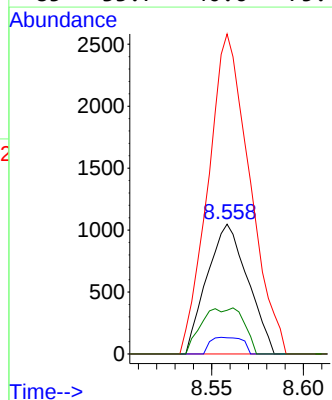
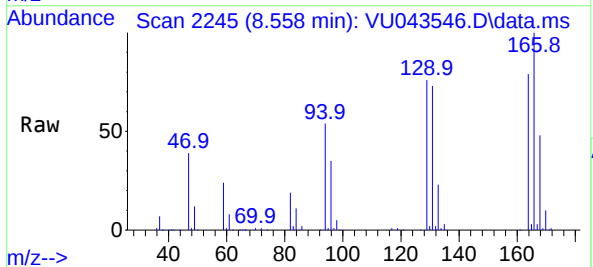
Instrument :
MSVOA_U
ClientSampled :

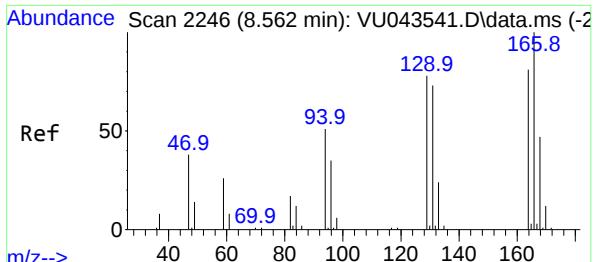
Tgt Ion: 91 Resp: 1923
Ion Ratio Lower Upper
91 100
92 59.3 39.1 72.5



#45
1,1,2-Trichloroethane
Concen: 0.35 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 97 Resp: 1619
Ion Ratio Lower Upper
97 100
99 12.5 42.6 79.0#
83 246.5 64.1 119.1#
85 33.7 40.6 75.4#



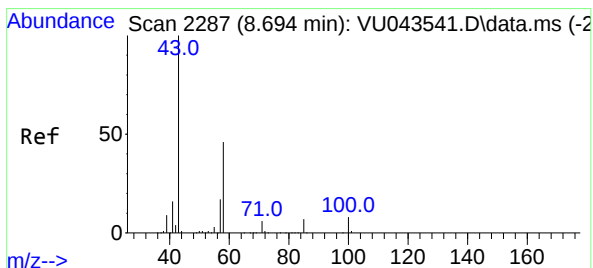
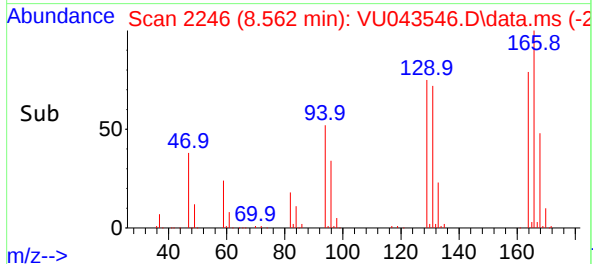
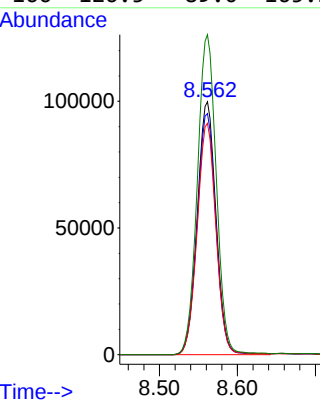
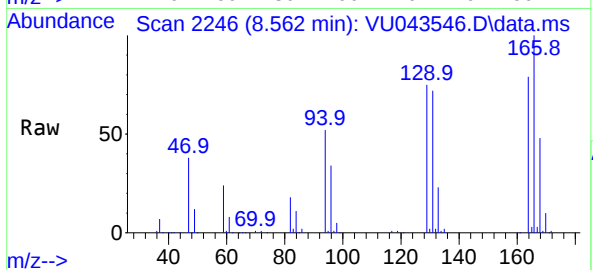


#47
Tetrachloroethene
Concen: 40.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 167820

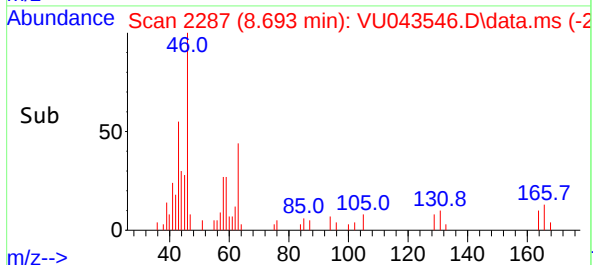
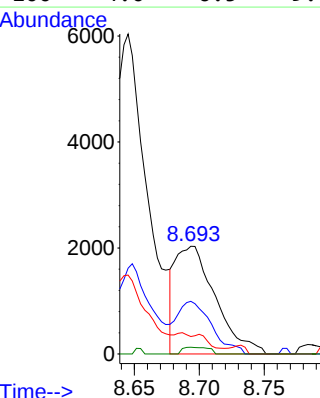
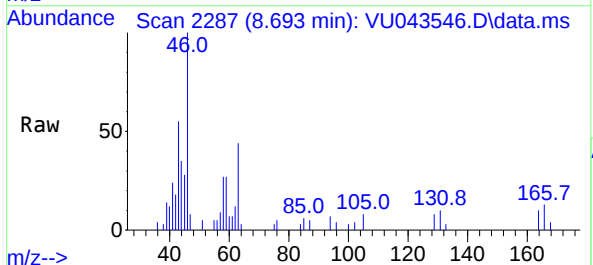
Ion	Ratio	Lower	Upper
164	100		
129	95.3	62.5	116.1
131	91.4	64.9	120.5
166	126.5	89.0	165.2

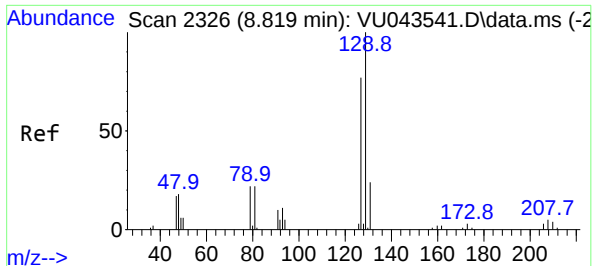


#48
2-Hexanone
Concen: 1.08 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043546.D
Acq: 05 May 2021 11:22

Tgt Ion: 43 Resp: 4372

Ion	Ratio	Lower	Upper
43	100		
58	44.4	36.8	55.2
57	3.0	13.2	19.8#
100	4.0	6.5	9.7#





#49

Dibromochloromethane

Concen: 28.38 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.254 min

Lab File: VU043546.D

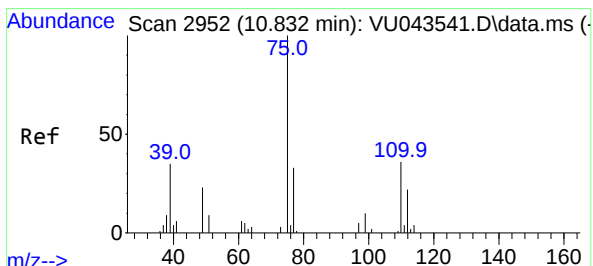
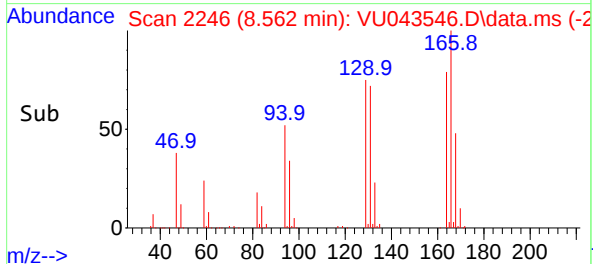
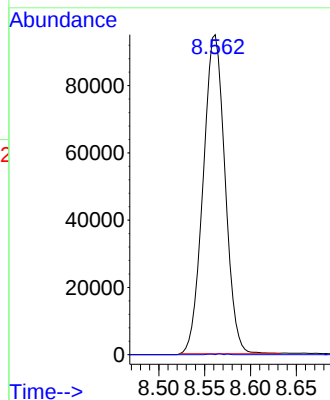
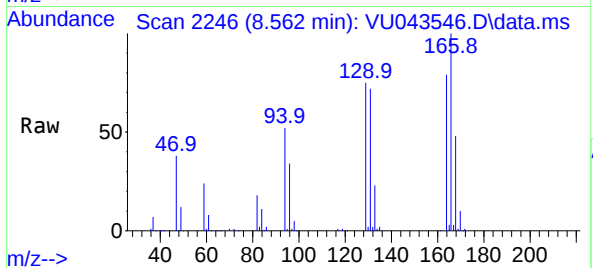
Acq: 05 May 2021 11:22

Tgt Ion:129 Resp: 157557

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.41 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.990 min

Lab File: VU043546.D

Acq: 05 May 2021 11:22

Tgt Ion: 75 Resp: 5271

Ion Ratio Lower Upper

75 100

110 1.7 28.6 42.8#

77 35.4 25.7 38.5

