

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043531.D
 Acq On : 04 May 2021 19:47
 Operator : SY/MD
 Sample : M2195-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H3DL

Quant Time: May 05 08:15:22 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)

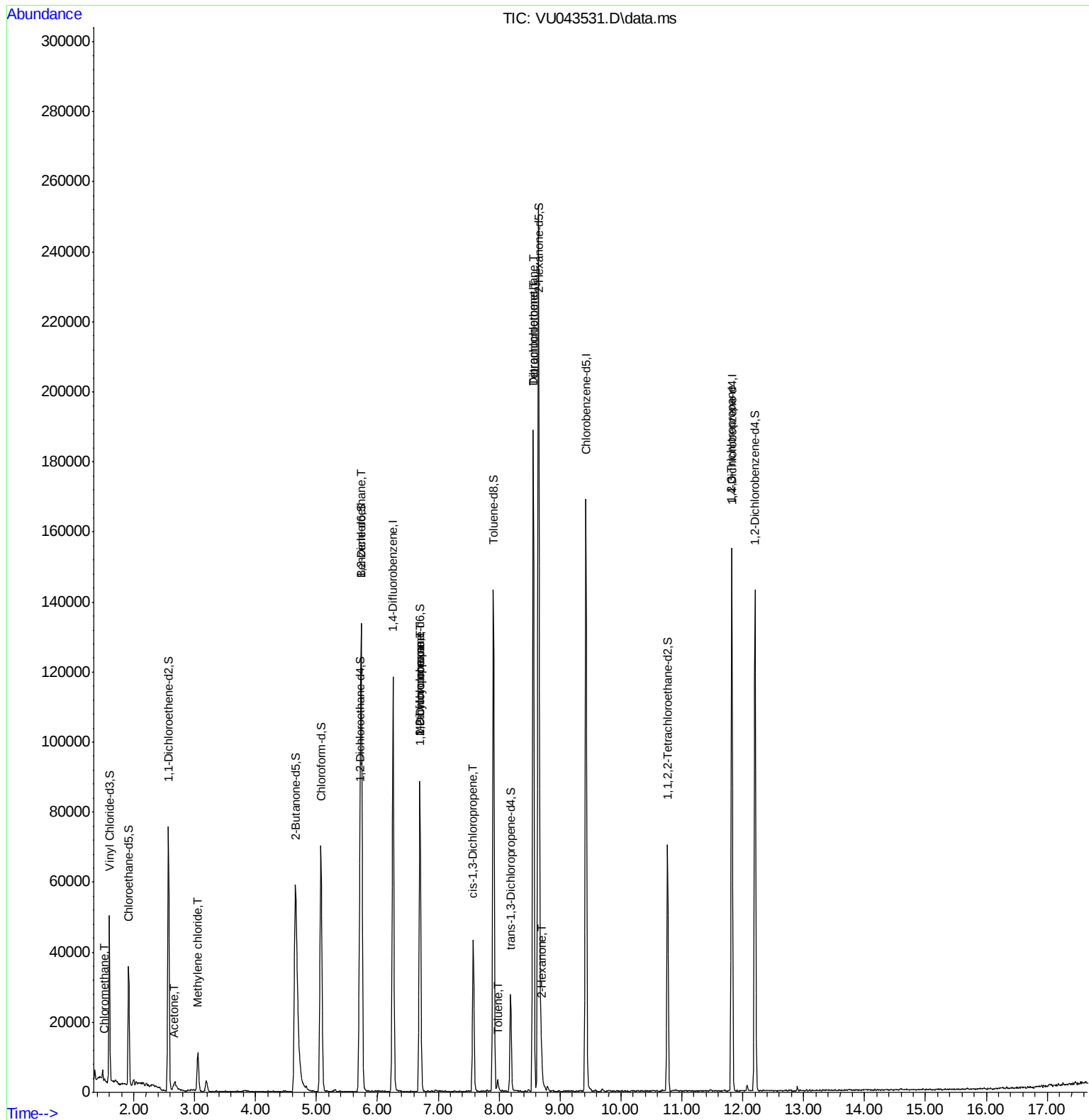
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	84495	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	86046	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	37599	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29358	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.916	69	23062	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.568	65	14546	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.655	46	128801	61.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.12%
24) Chloroform-d	5.073	84	61381	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.713	65	40027	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	109121	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	38909	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	87671	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.189	79	14227	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.645	63	77440	56.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33381	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	33936	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	816	0.14	ug/L	96
13) Acetone	2.665	43	6366	4.53	ug/L	64
16) Methylene chloride	3.051	84	4628	0.61	ug/L	93
27) 1,2-Dichloroethane	5.735	62	787	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	8352	1.12	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4906	0.73	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1067	0.12	ug/L	90
42) Toluene	7.977	91	2188	0.09	ug/L	81
47) Tetrachloroethene	8.562	164	38218	8.96	ug/L	98
48) 2-Hexanone	8.694	43	4784	1.16	ug/L #	86
49) Dibromochloromethane	8.562	129	36122	6.39	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5080	1.34	ug/L #	65

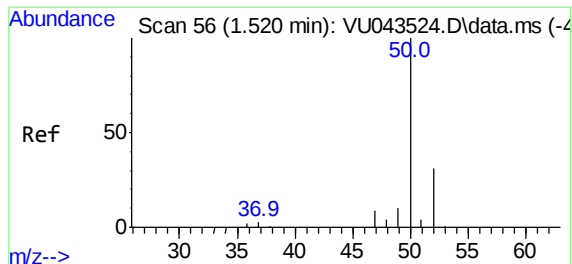
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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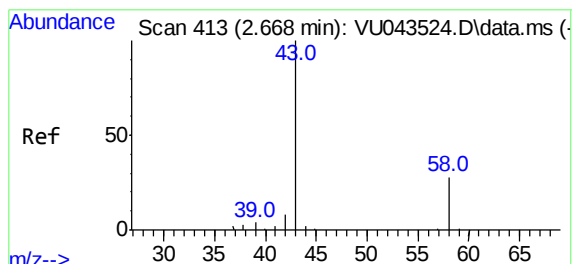
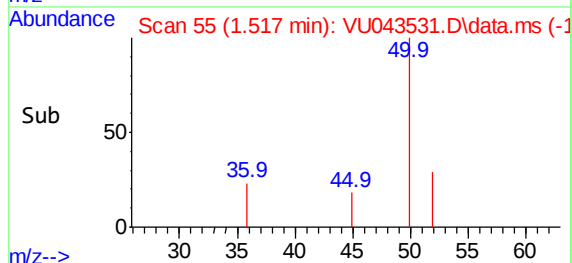
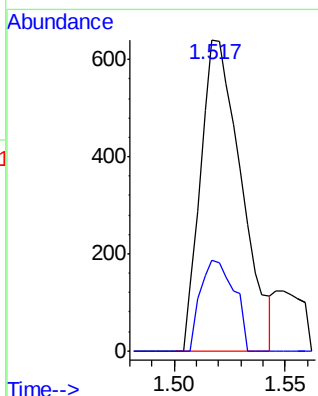
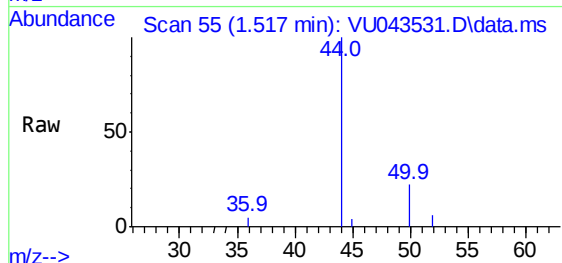




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

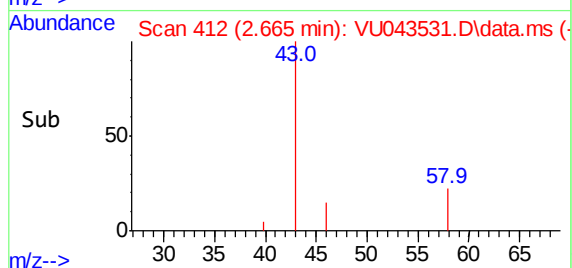
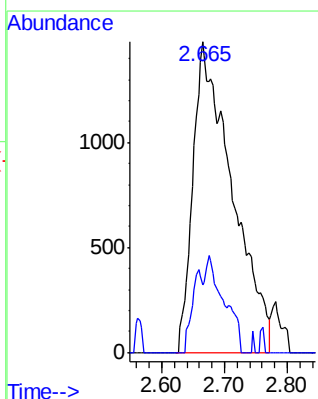
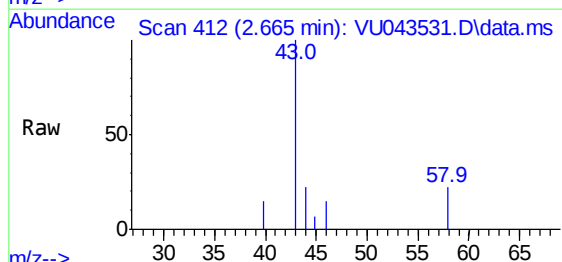
Instrument :
MSVOA_U
ClientSampleId :
GB3H3DL

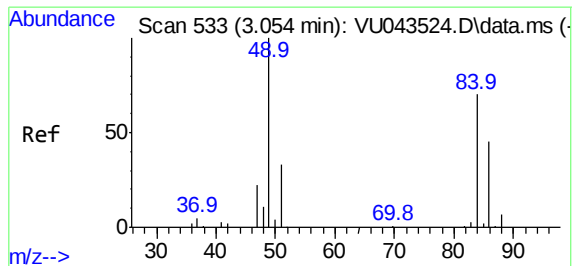
Tgt Ion: 50 Resp: 816
Ion Ratio Lower Upper
50 100
52 29.4 22.1 41.1



#13
Acetone
Concen: 4.53 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.003 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 43 Resp: 6366
Ion Ratio Lower Upper
43 100
58 7.2 0.0 50.8

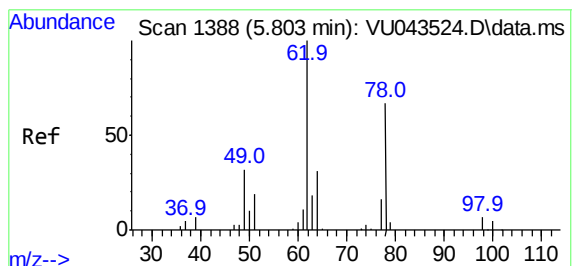
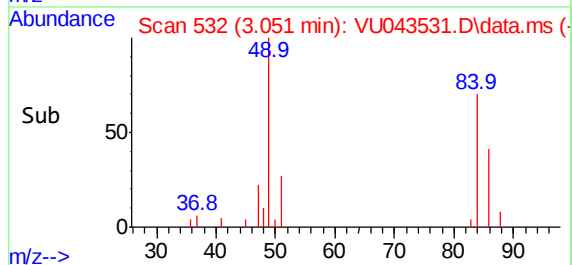
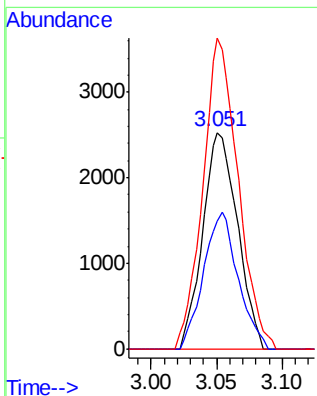
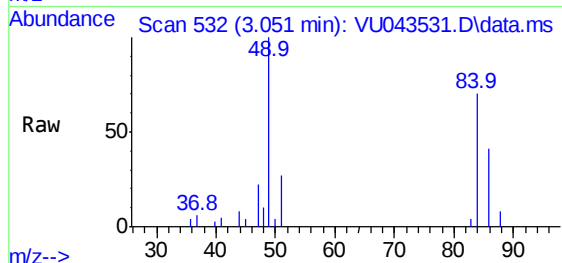




#16
Methylene chloride
Concen: 0.61 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

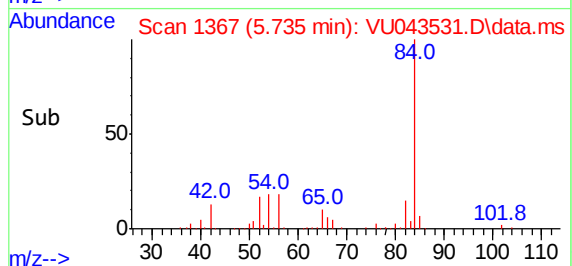
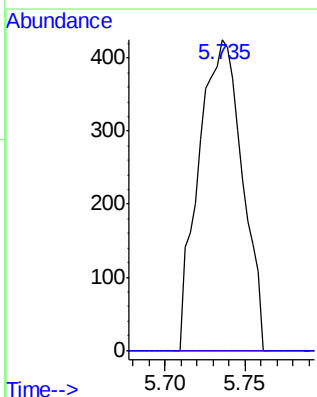
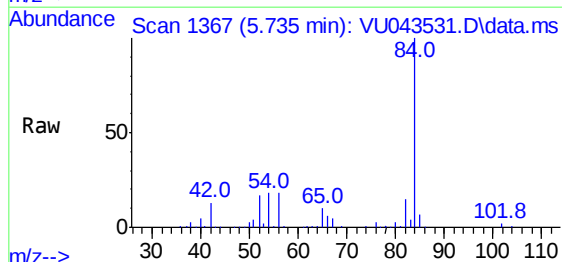
Instrument :
MSVOA_U
ClientSampleId :
GB3H3DL

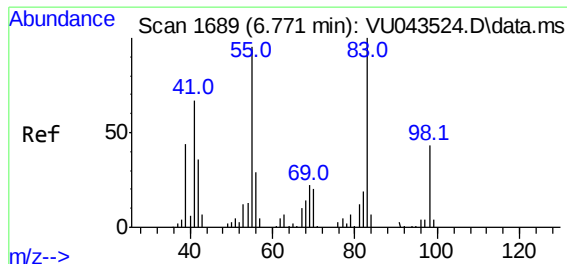
Tgt Ion: 84 Resp: 4628
Ion Ratio Lower Upper
84 100
86 59.2 45.6 84.6
49 143.4 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 62 Resp: 787
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

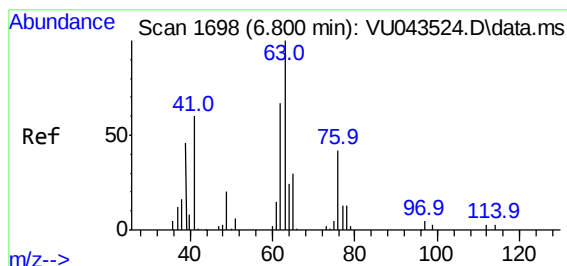
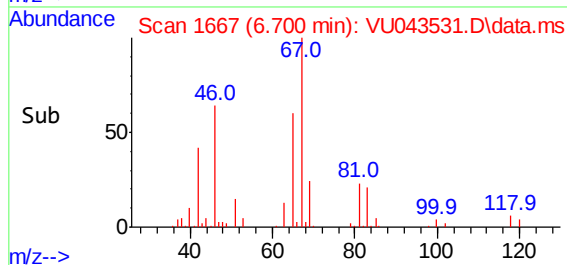
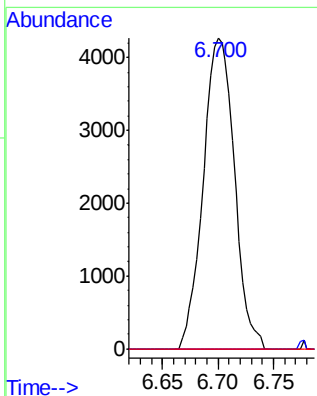
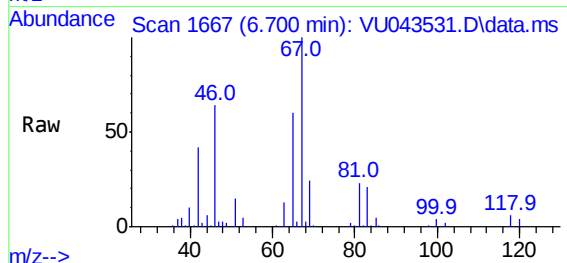




#35
Methylcyclohexane
Concen: 1.12 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

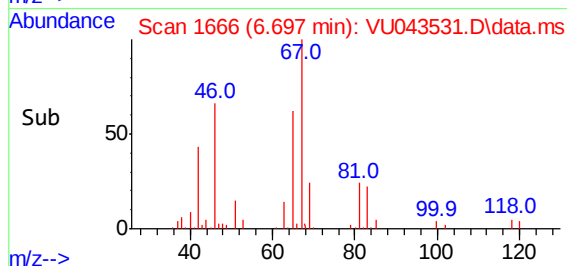
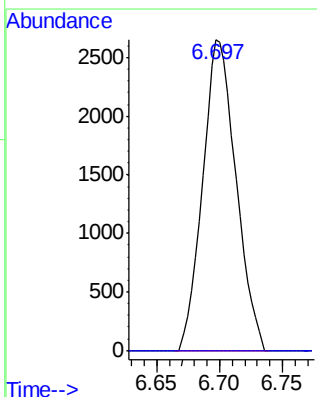
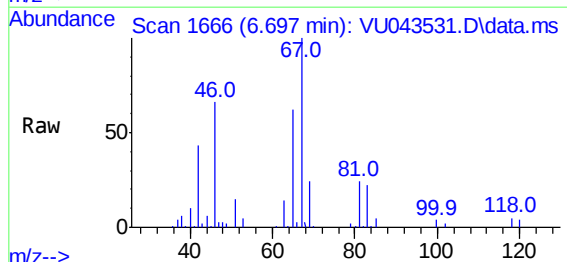
Instrument :
MSVOA_U
ClientSampleId :
GB3H3DL

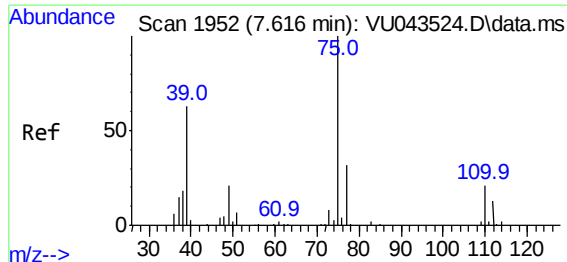
Tgt Ion: 83 Resp: 8352
Ion Ratio Lower Upper
83 100
55 0.5 75.8 113.8#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.73 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 63 Resp: 4906
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

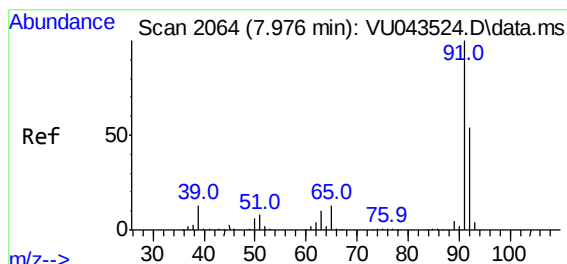
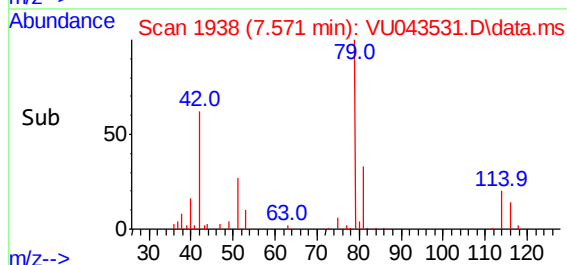
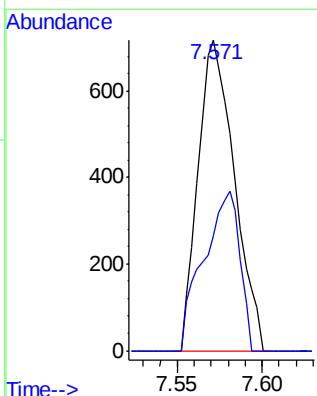
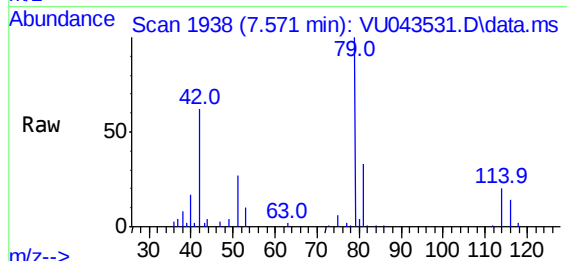




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

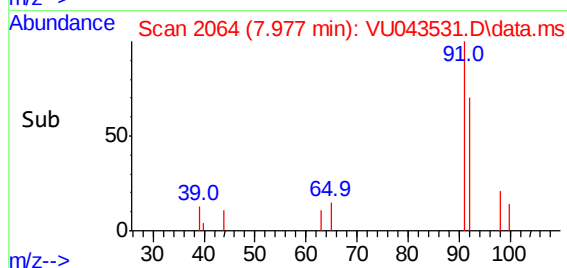
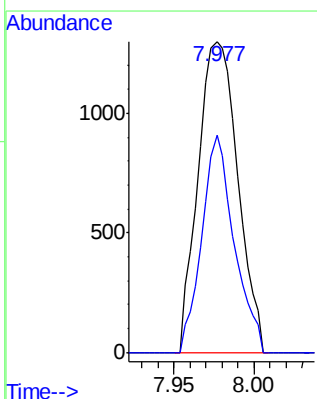
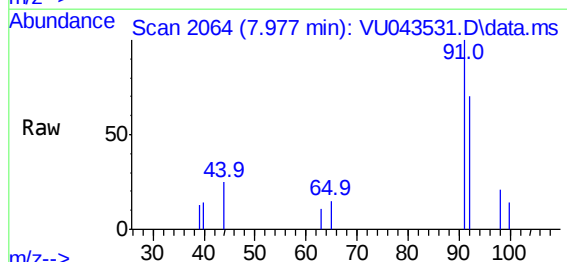
Instrument :
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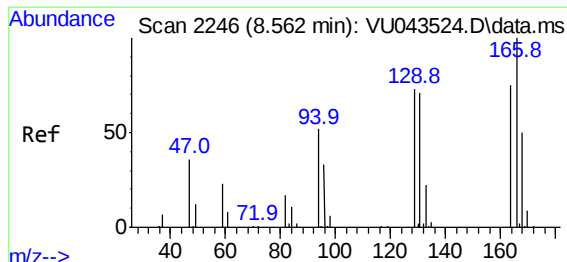
Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
77 37.0 21.9 40.7



#42
Toluene
Concen: 0.09 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 91 Resp: 2188
Ion Ratio Lower Upper
91 100
92 70.0 39.1 72.5

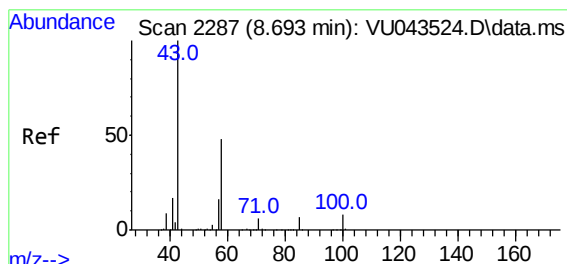
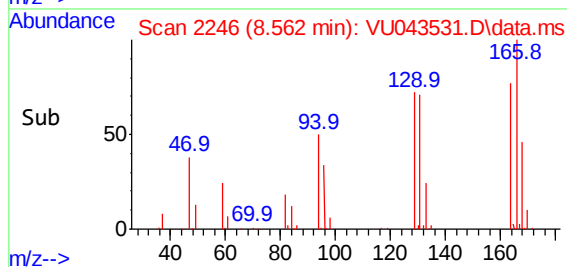
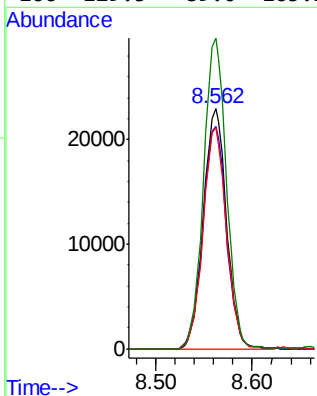
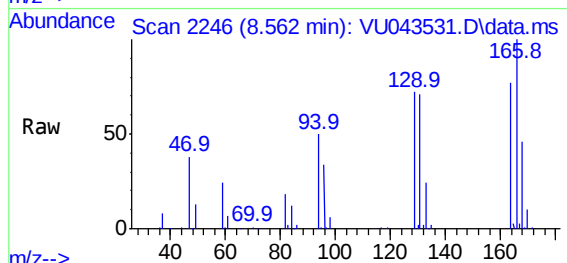




#47
Tetrachloroethene
Concen: 8.96 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

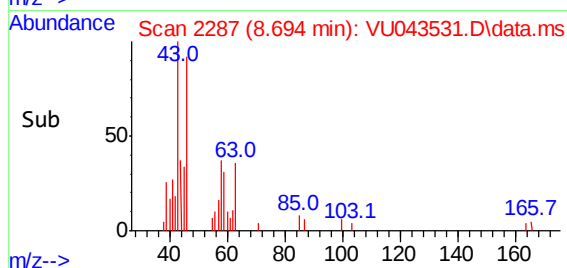
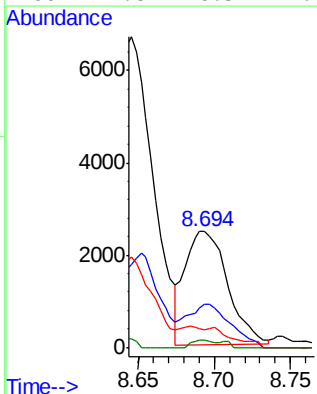
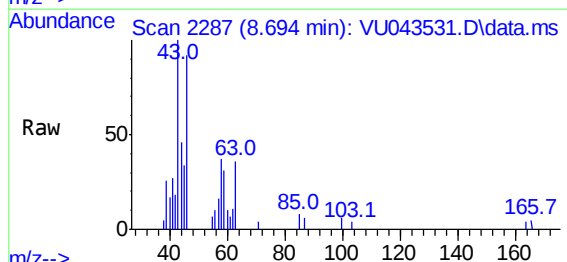
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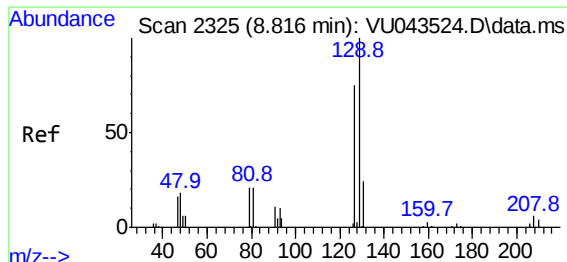
Tgt Ion:164 Resp: 38218
Ion Ratio Lower Upper
164 100
129 92.7 62.5 116.1
131 92.0 64.9 120.5
166 129.5 89.0 165.2



#48
2-Hexanone
Concen: 1.16 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
58 39.5 36.8 55.2
57 4.3 13.2 19.8#
100 4.8 6.5 9.7#

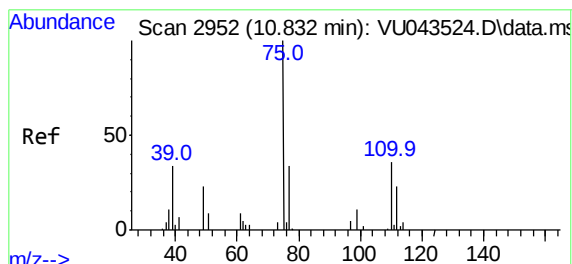
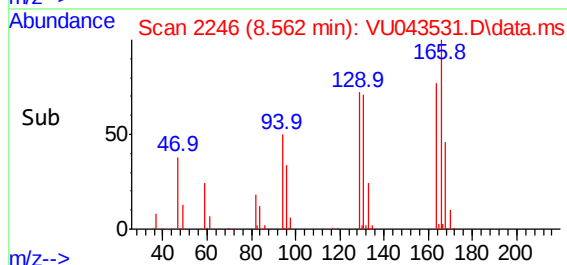
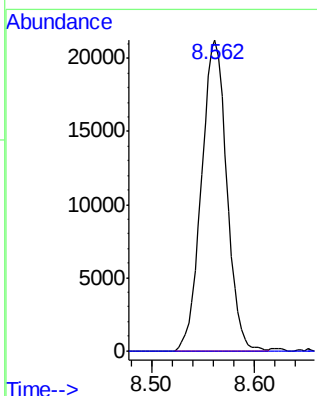
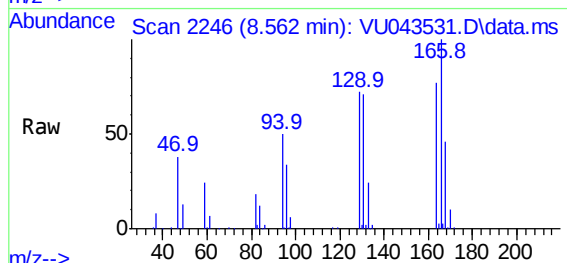




#49
Dibromochloromethane
Concen: 6.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Instrument :
MSVOA_U
ClientSampled :
GB3H3DL

Tgt Ion:129 Resp: 36122
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.34 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043531.D
Acq: 04 May 2021 19:47

Tgt Ion: 75 Resp: 5080
Ion Ratio Lower Upper
75 100
110 0.8 28.6 42.8#
77 36.4 25.7 38.5

