

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043533.D
 Acq On : 04 May 2021 20:35
 Operator : SY/MD
 Sample : M2195-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H5DL

Quant Time: May 05 08:16:26 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)

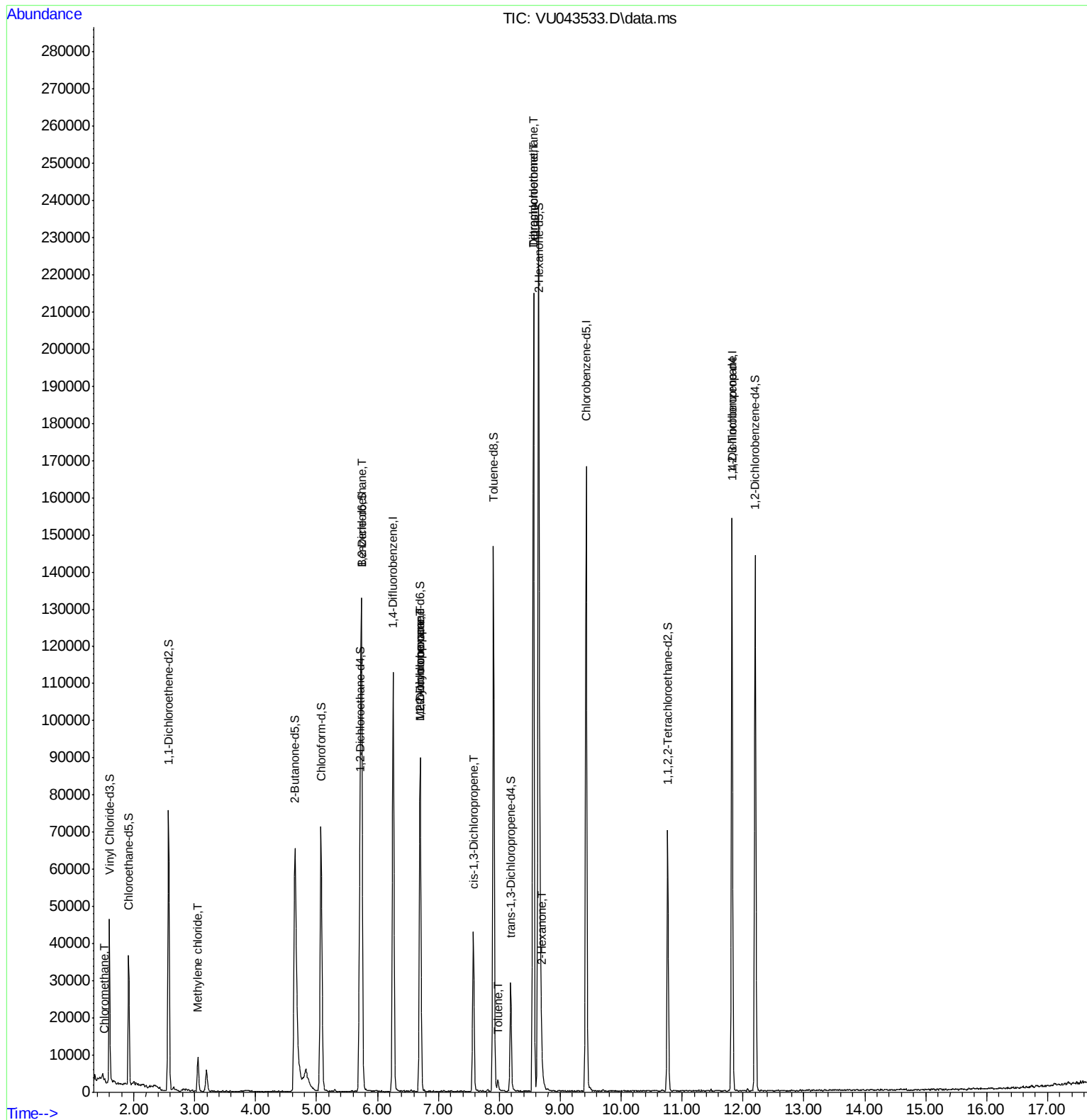
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84556	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	37010	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28670	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.916	69	22865	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.572	65	14632	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.645	46	106712	52.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	5.073	84	61163	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.713	65	39586	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.739	84	107656	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	38809	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	88246	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloroprop...	8.189	79	14548	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.645	63	78229	57.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33189	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	34476	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	551	0.09	ug/L	93
16) Methylene chloride	3.054	84	3380	0.46	ug/L	93
27) 1,2-Dichloroethane	5.739	62	733	0.09	ug/L #	78
35) Methylcyclohexane	6.703	83	8790	1.19	ug/L #	12
37) 1,2-Dichloropropane	6.703	63	4490	0.68	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1126	0.13	ug/L #	43
42) Toluene	7.977	91	2077	0.09	ug/L	89
47) Tetrachloroethene	8.562	164	44951	10.73	ug/L	97
48) 2-Hexanone	8.690	43	5506	1.36	ug/L #	93
49) Dibromochloromethane	8.562	129	42029	7.57	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4805	1.28	ug/L #	68

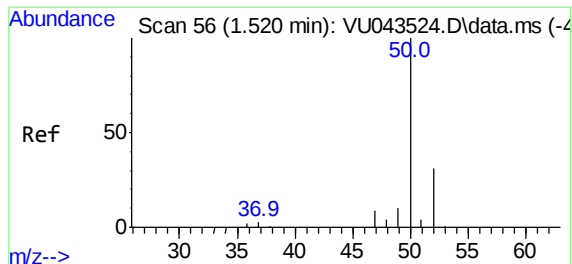
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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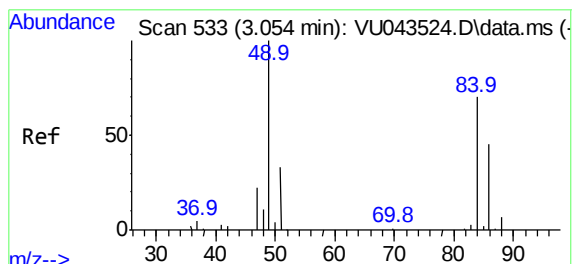
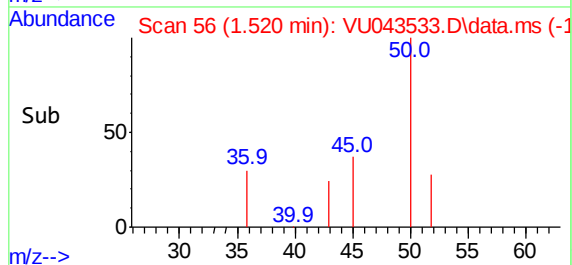
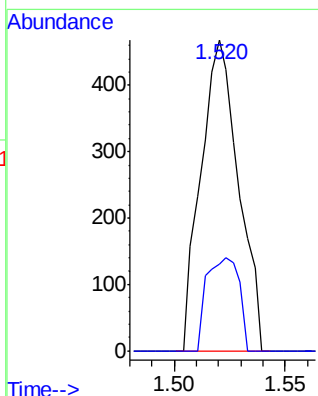
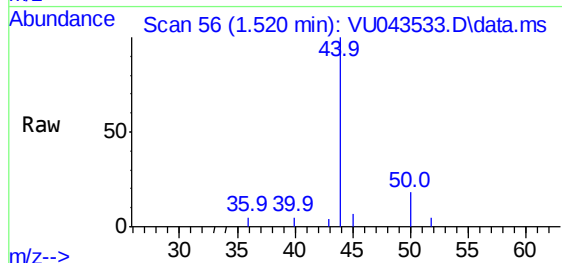




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

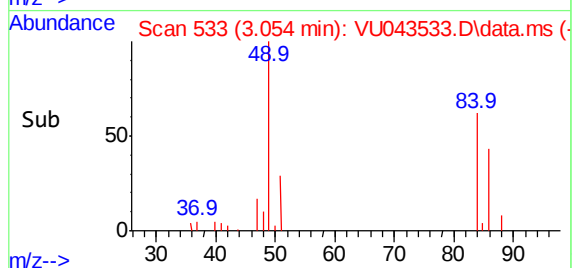
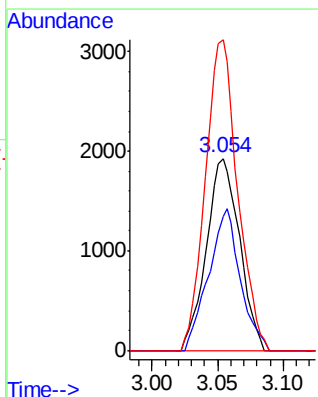
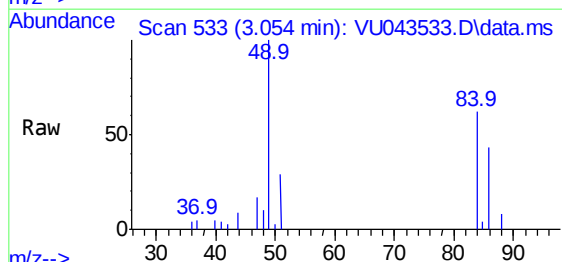
Instrument :
MSVOA_U
ClientSampleID :
GB3H5DL

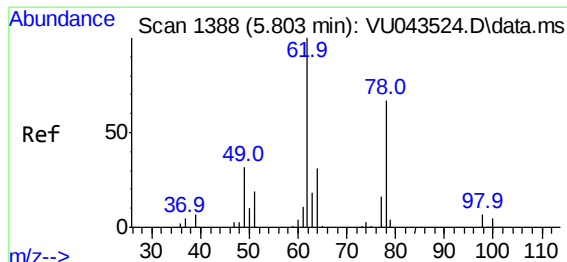
Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 28.0 22.1 41.1



#16
Methylene chloride
Concen: 0.46 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

Tgt Ion: 84 Resp: 3380
Ion Ratio Lower Upper
84 100
86 69.8 45.6 84.6
49 161.9 107.0 198.8

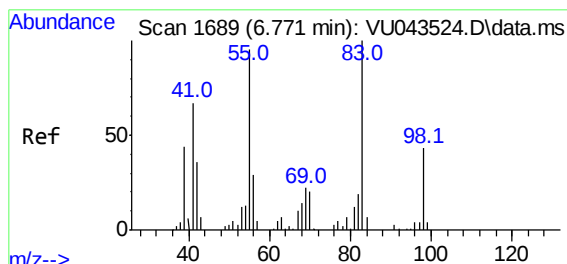
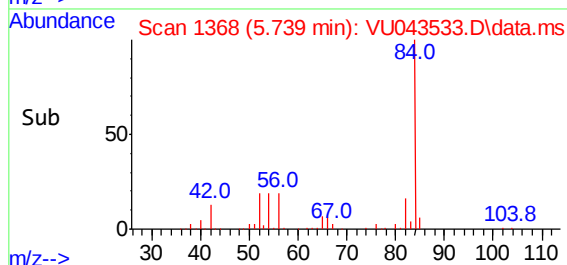
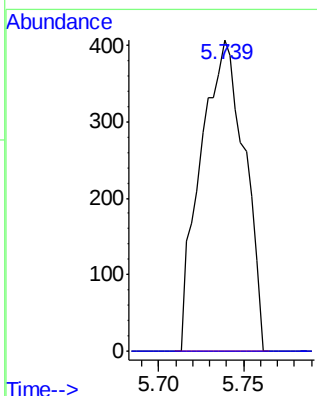
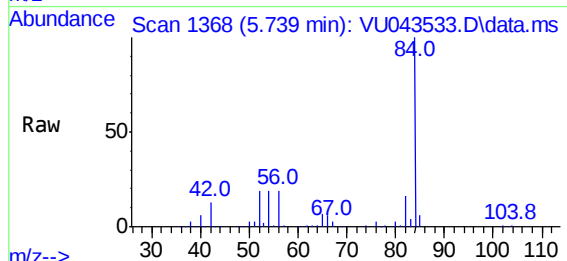




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

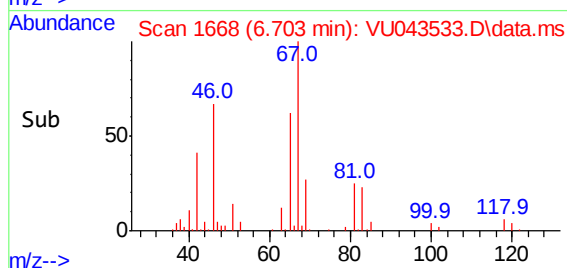
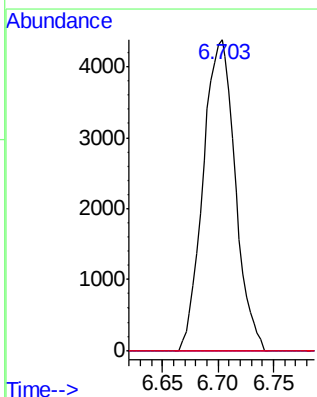
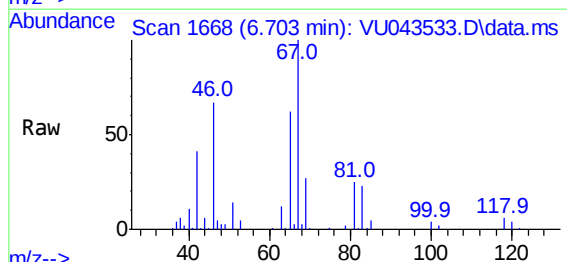
Instrument :
MSVOA_U
ClientSampleId :
GB3H5DL

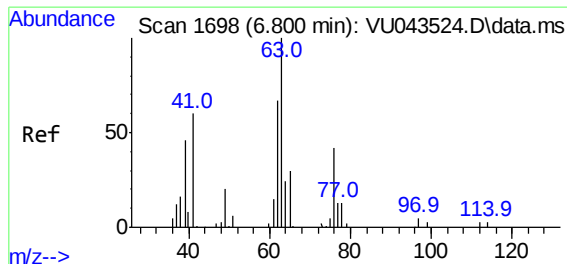
Tgt Ion: 62 Resp: 733
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.19 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

Tgt Ion: 83 Resp: 8790
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

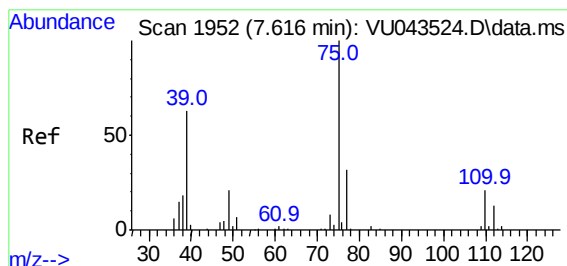
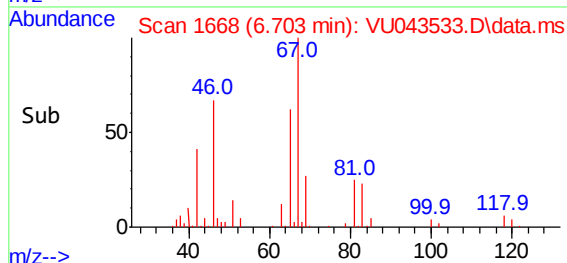
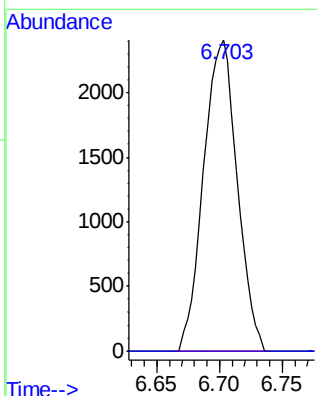
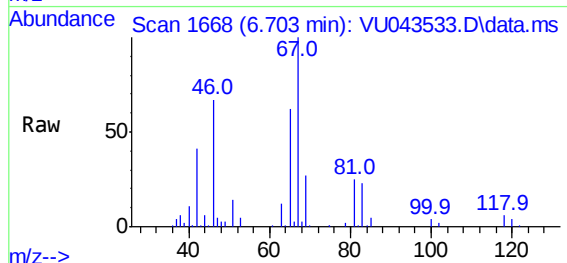




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

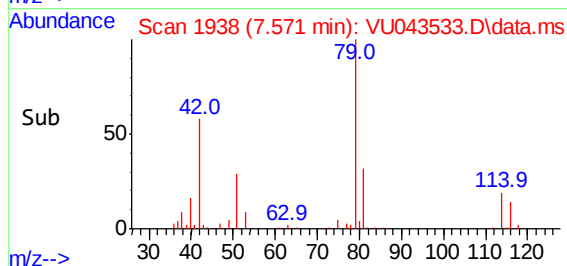
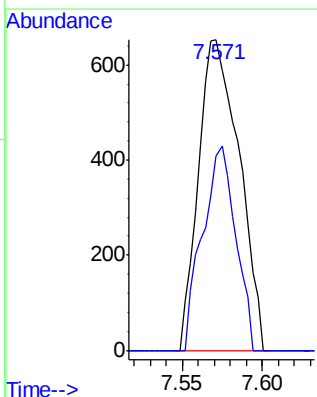
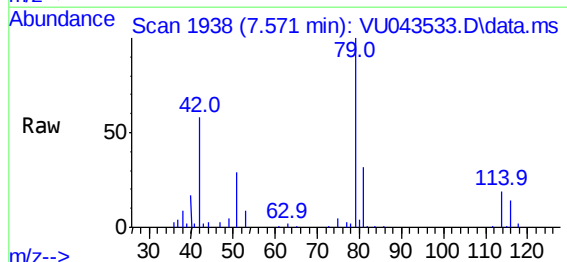
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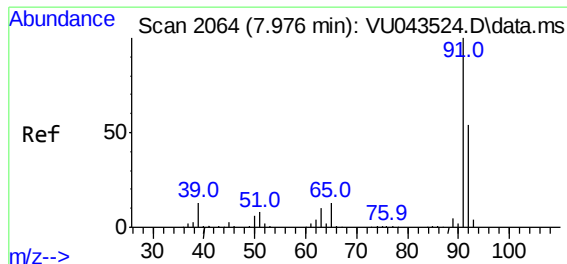
Tgt Ion: 63 Resp: 4490
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

Tgt Ion: 75 Resp: 1126
Ion Ratio Lower Upper
75 100
77 62.6 21.9 40.7#

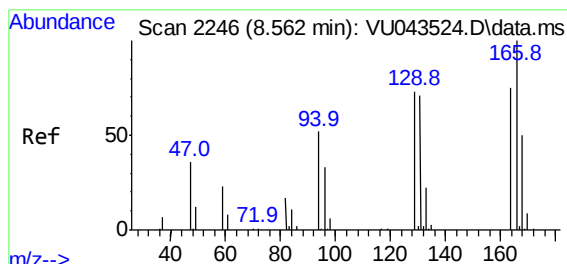
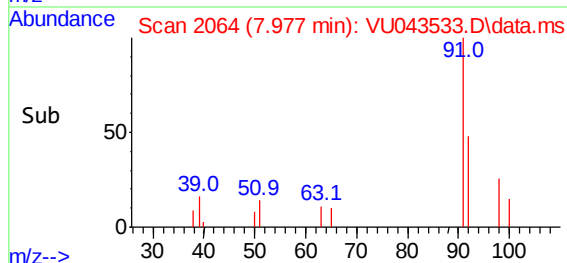
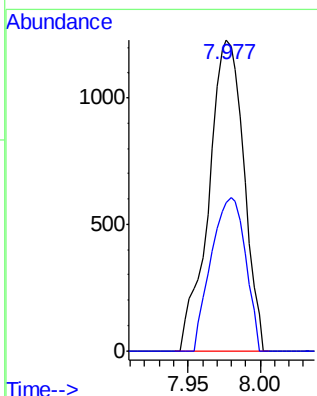
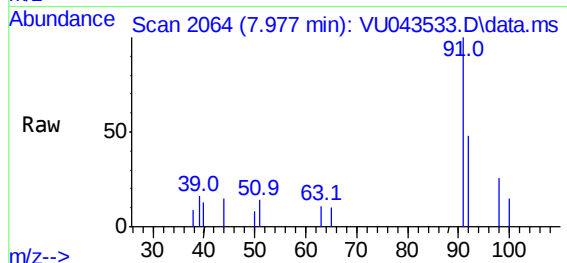




#42
Toluene
Concen: 0.09 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

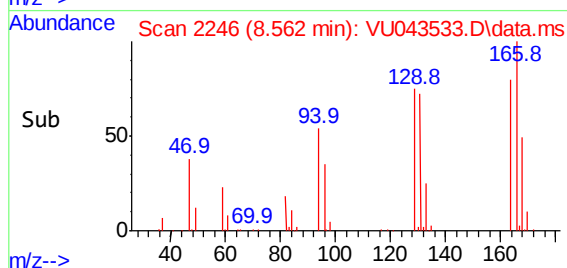
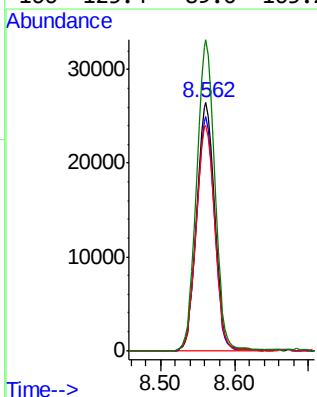
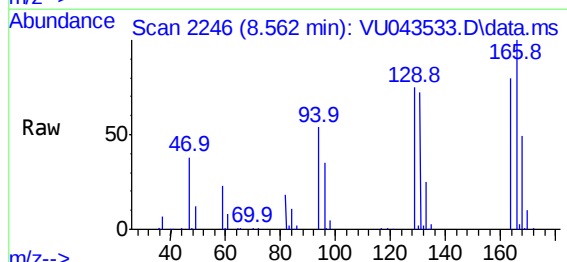
Instrument :
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ClientSampleId :
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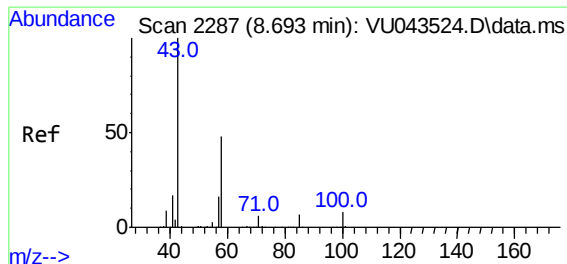
Tgt Ion: 91 Resp: 2077
Ion Ratio Lower Upper
91 100
92 47.8 39.1 72.5



#47
Tetrachloroethene
Concen: 10.73 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

Tgt Ion: 164 Resp: 44951
Ion Ratio Lower Upper
164 100
129 94.5 62.5 116.1
131 90.7 64.9 120.5
166 125.4 89.0 165.2

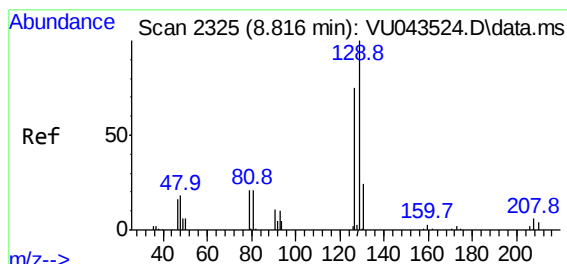
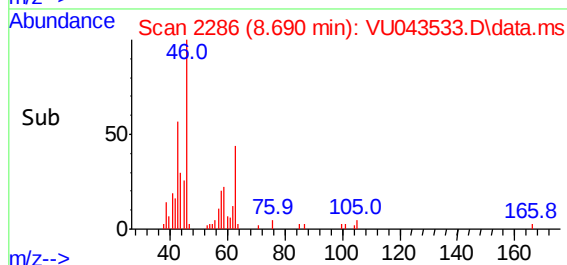
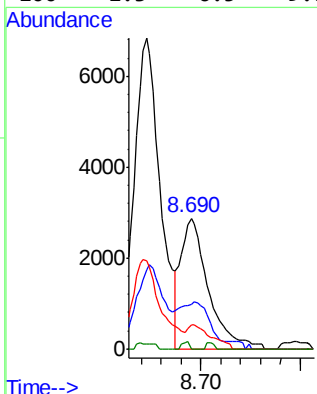
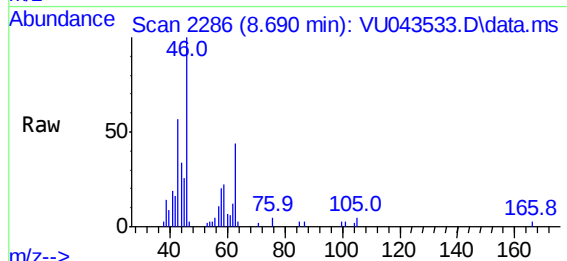




#48
2-Hexanone
Concen: 1.36 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

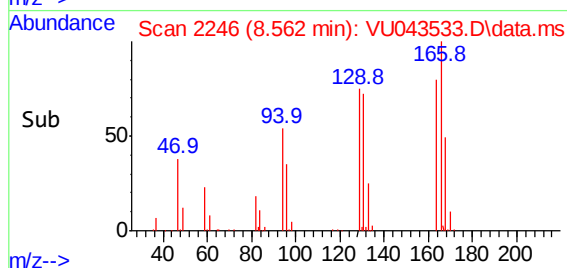
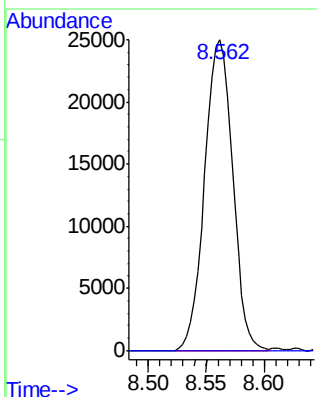
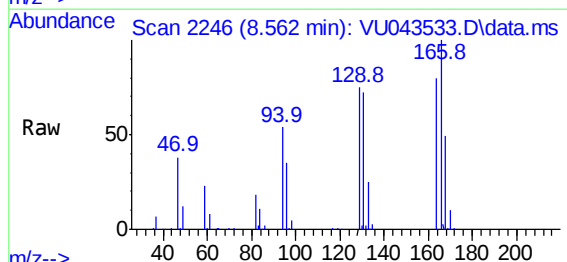
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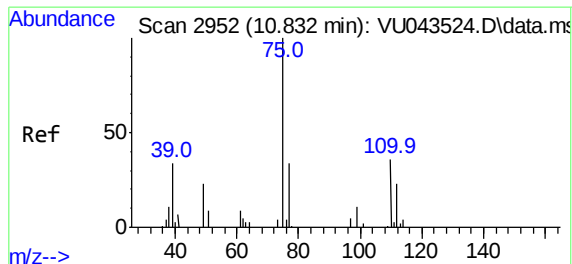
Tgt Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
58 41.7 36.8 55.2
57 15.5 13.2 19.8
100 1.3 6.5 9.7#



#49
Dibromochloromethane
Concen: 7.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043533.D
Acq: 04 May 2021 20:35

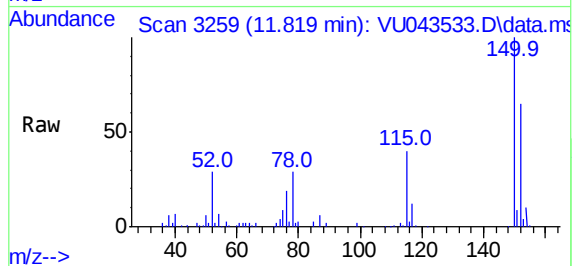
Tgt Ion: 129 Resp: 42029
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.28 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043533.D
 Acq: 04 May 2021 20:35

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 4805
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.6 42.8#
 77 33.9 25.7 38.5

