

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043510.D
 Acq On : 04 May 2021 11:01
 Operator : SY/MD
 Sample : M2195-01DL2 5000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H1DL2

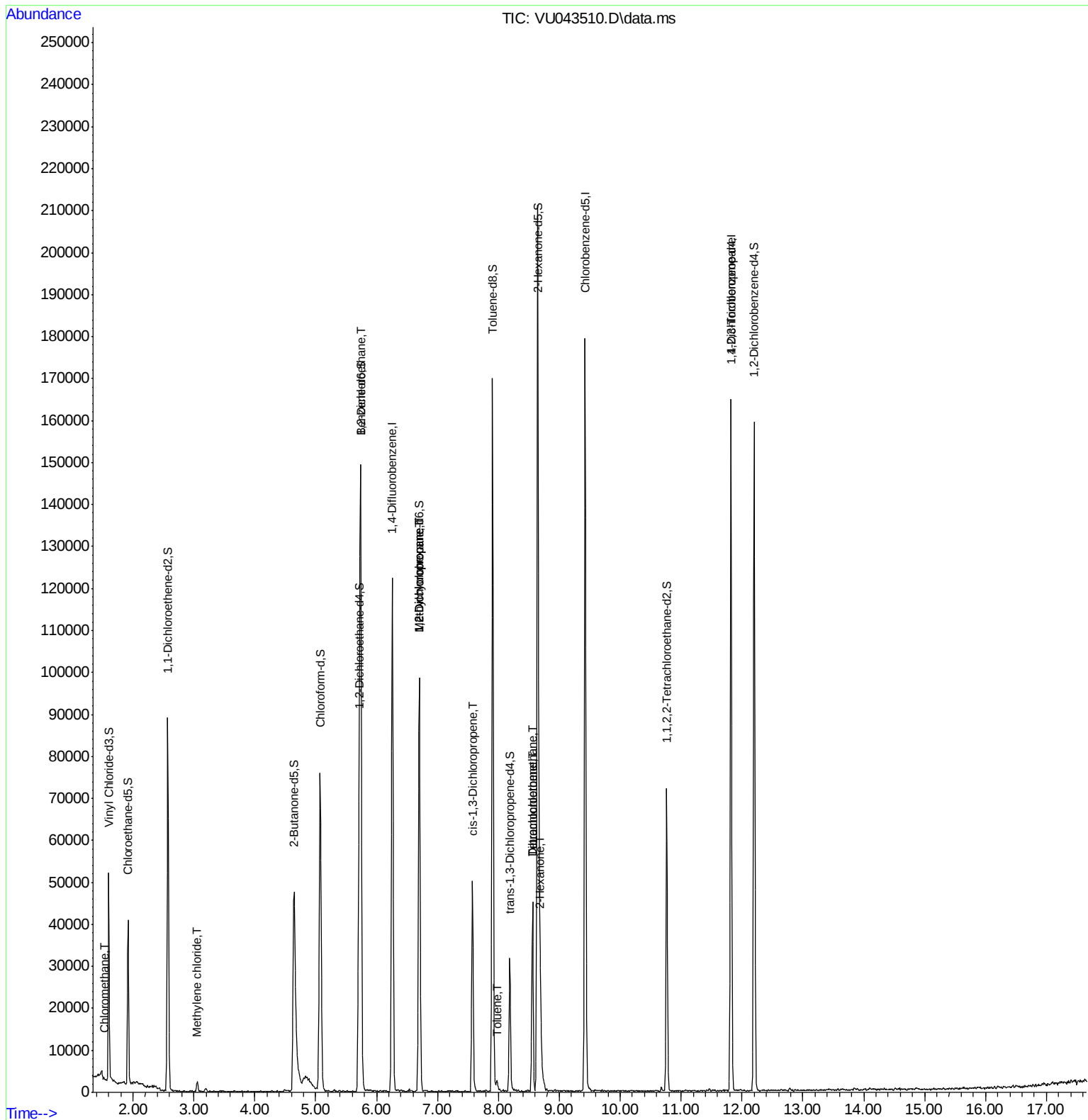
Quant Time: May 05 04:52:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

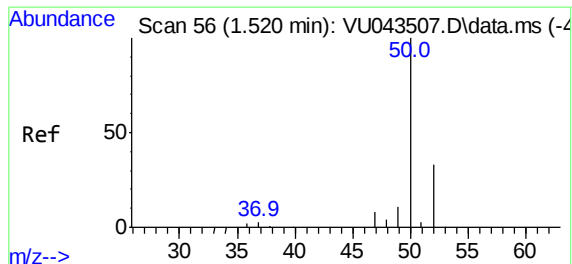
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88561	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	89925	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	40212	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33006	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	25936	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.572	65	16530	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.645	46	97146	43.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	5.073	84	67574	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	42555	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.739	84	122614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	42734	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	102567	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.189	79	16137	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.645	63	74384	51.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34171	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	38760	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	660	0.10	ug/L	92
16) Methylene chloride	3.054	84	1002	0.13	ug/L	88
27) 1,2-Dichloroethane	5.739	62	989	0.11	ug/L #	78
35) Methylcyclohexane	6.700	83	9659	1.23	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5022	0.71	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1327	0.14	ug/L	98
42) Toluene	7.980	91	1593	0.06	ug/L	86
47) Tetrachloroethene	8.562	164	9227	2.07	ug/L	95
48) 2-Hexanone	8.687	43	6600	1.54	ug/L #	80
49) Dibromochloromethane	8.562	129	9098	1.54	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5690	1.40	ug/L #	69

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

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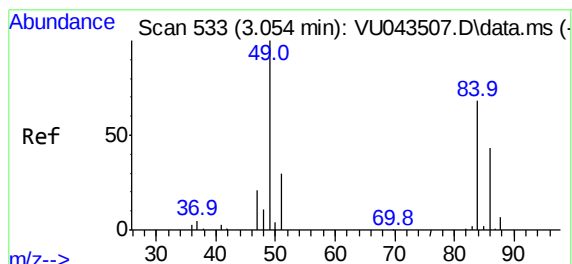
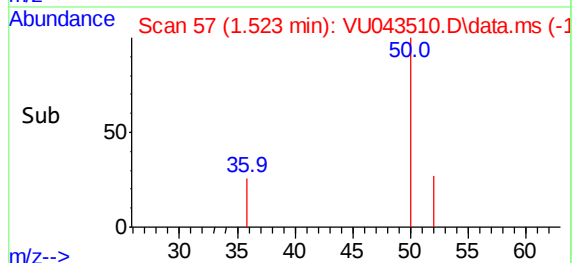
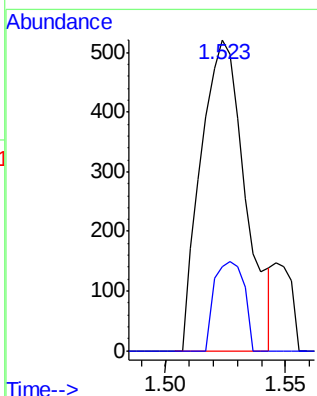
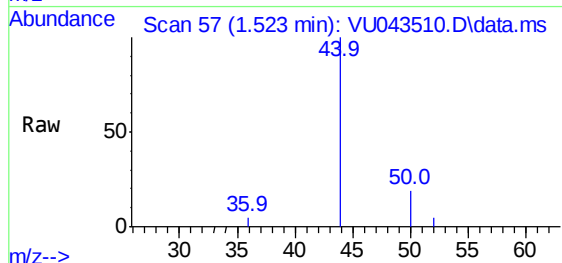




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

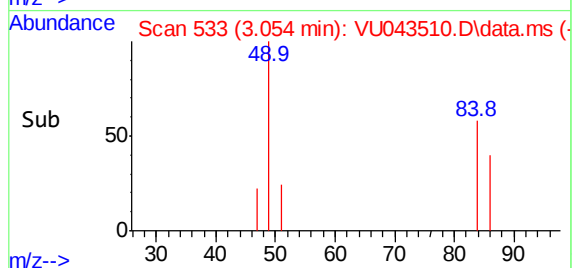
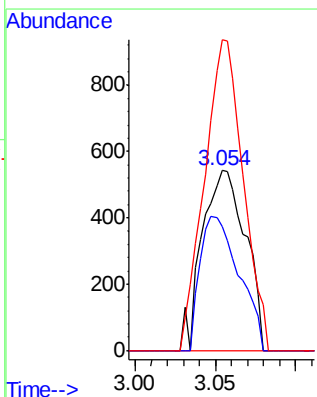
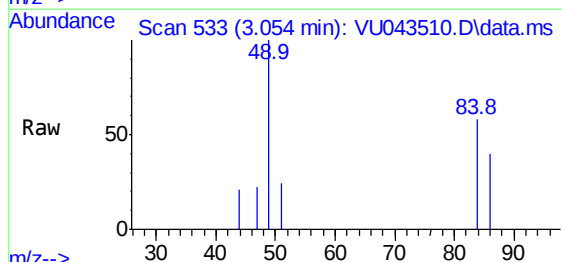
Instrument :
MSVOA_U
ClientSampleId :
GB3H1DL2

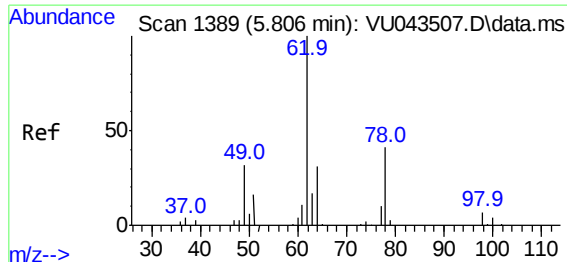
Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 27.1 22.1 41.1



#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

Tgt Ion: 84 Resp: 1002
Ion Ratio Lower Upper
84 100
86 69.0 45.6 84.6
49 172.9 107.0 198.8

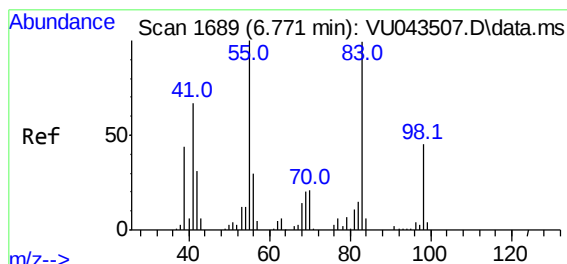
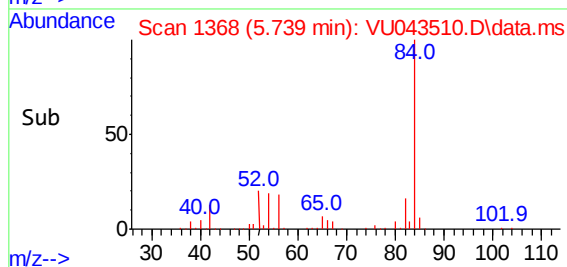
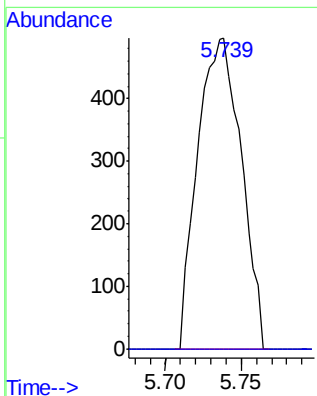
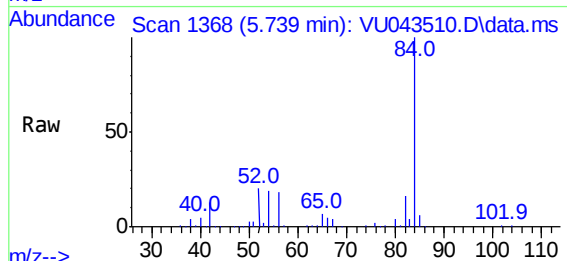




#27
1,2-Dichloroethane
Concen: 0.11 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

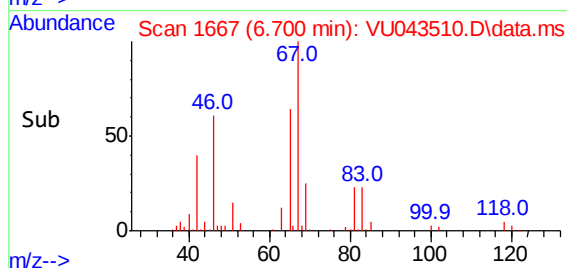
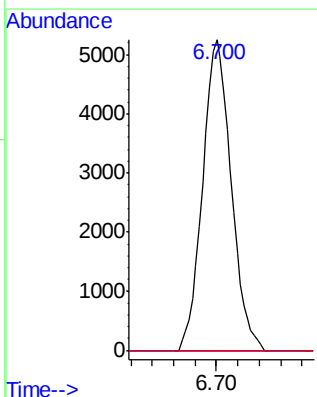
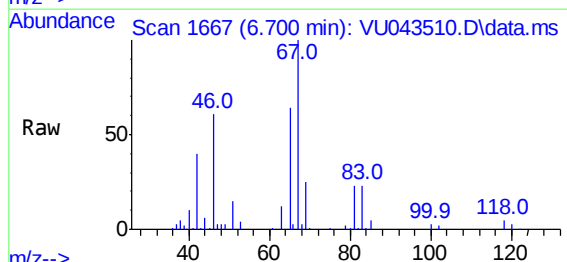
Instrument :
MSVOA_U
ClientSampleId :
GB3H1DL2

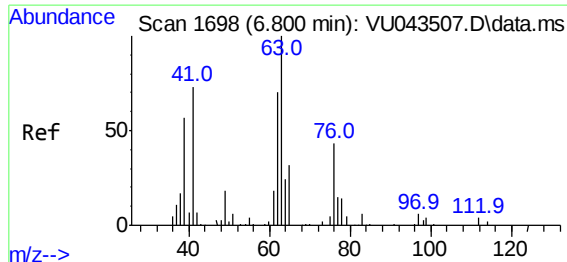
Tgt Ion: 62 Resp: 989
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.23 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

Tgt Ion: 83 Resp: 9659
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

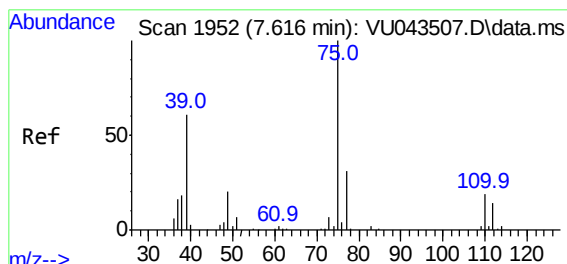
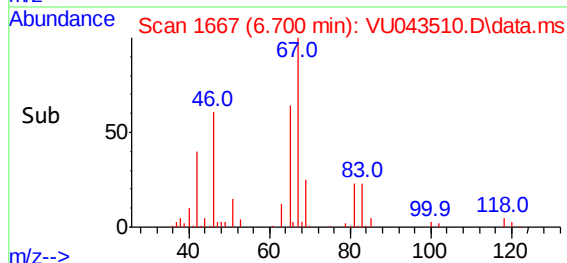
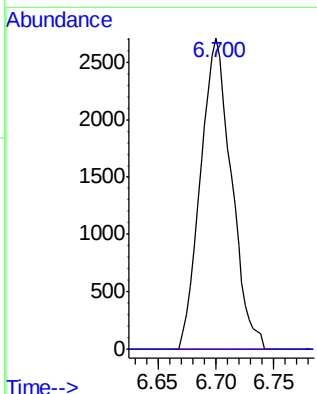
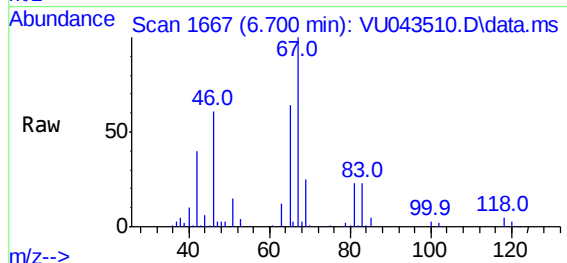




#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

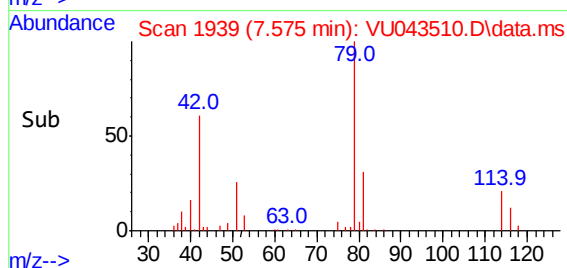
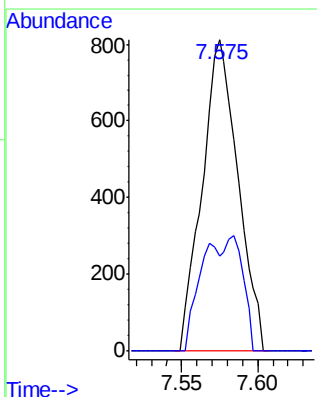
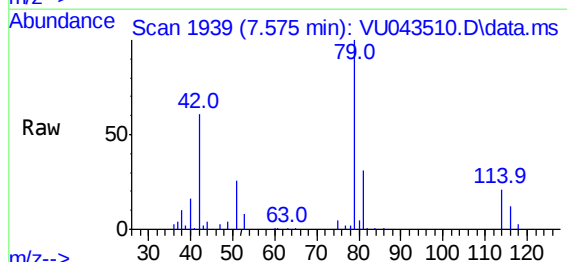
Instrument :
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ClientSampleId :
GB3H1DL2

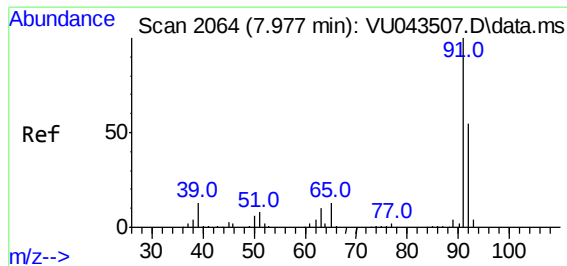
Tgt Ion: 63 Resp: 5022
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

Tgt Ion: 75 Resp: 1327
Ion Ratio Lower Upper
75 100
77 30.4 21.9 40.7

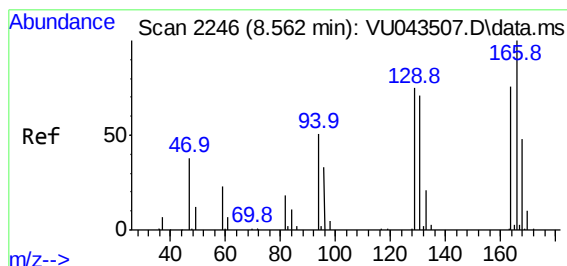
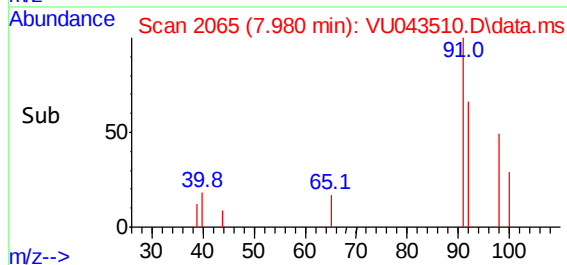
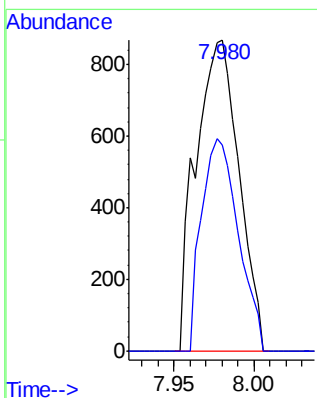
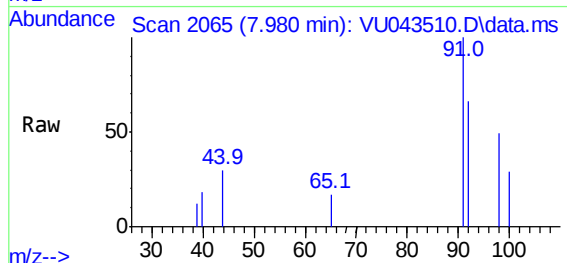




#42
Toluene
Concen: 0.06 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

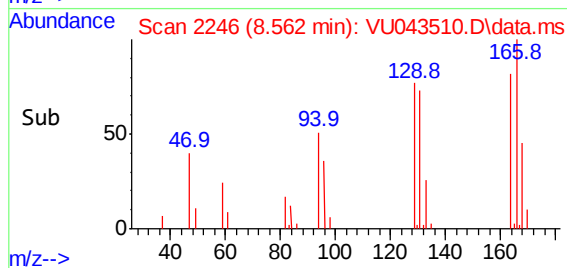
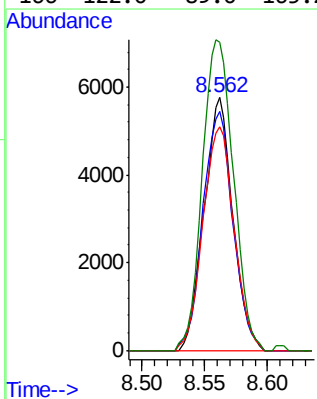
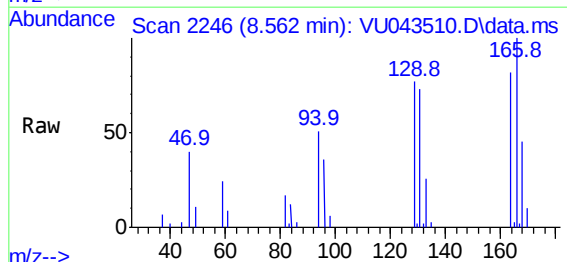
Instrument :
MSVOA_U
ClientSampleId :
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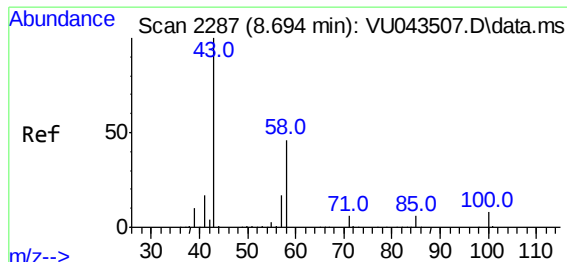
Tgt Ion: 91 Resp: 1593
Ion Ratio Lower Upper
91 100
92 66.2 39.1 72.5



#47
Tetrachloroethene
Concen: 2.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

Tgt Ion: 164 Resp: 9227
Ion Ratio Lower Upper
164 100
129 94.5 62.5 116.1
131 88.6 64.9 120.5
166 122.0 89.0 165.2

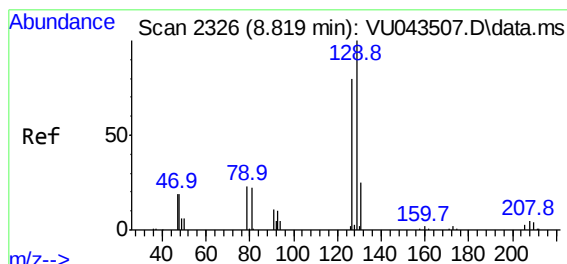
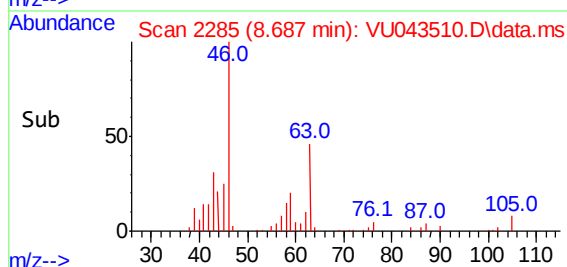
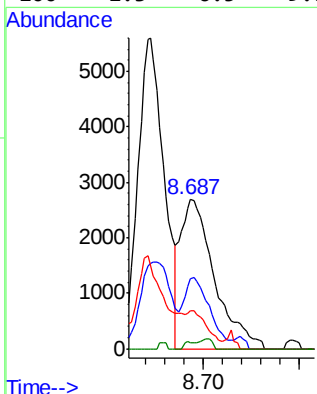
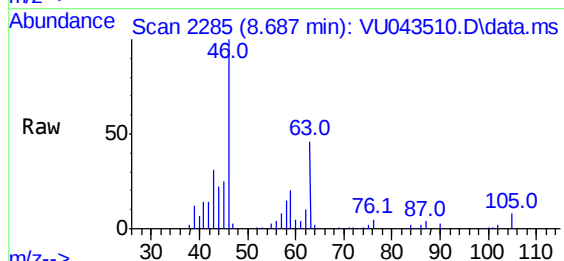




#48
2-Hexanone
Concen: 1.54 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

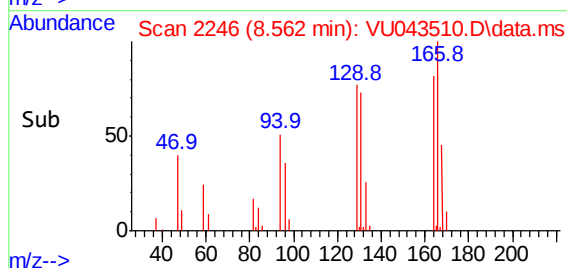
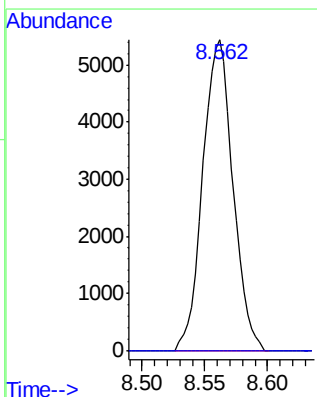
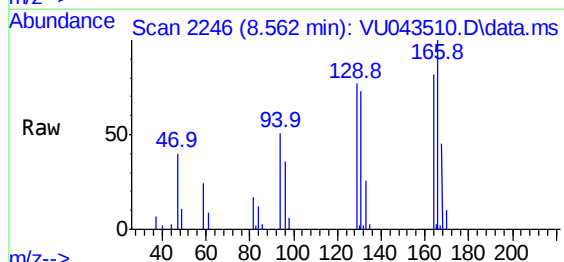
Instrument :
MSVOA_U
ClientSampleId :
GB3H1DL2

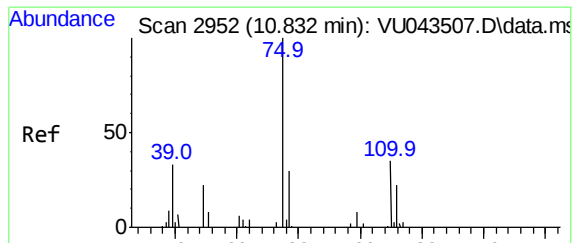
Tgt Ion:	43	Resp:	6600
Ion	Ratio	Lower	Upper
43	100		
58	36.6	36.8	55.2#
57	0.0	13.2	19.8#
100	1.3	6.5	9.7#



#49
Dibromochloromethane
Concen: 1.54 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043510.D
Acq: 04 May 2021 11:01

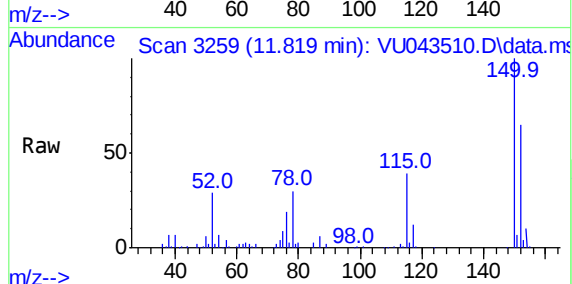
Tgt Ion:	129	Resp:	9098
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.40 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043510.D
 Acq: 04 May 2021 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H1DL2



Tgt Ion:	75	Resp:	5690
Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.6	42.8#
77	32.0	25.7	38.5

