

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043509.D
 Acq On : 04 May 2021 10:37
 Operator : SY/MD
 Sample : M2195-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2DL

Quant Time: May 05 04:52:04 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)

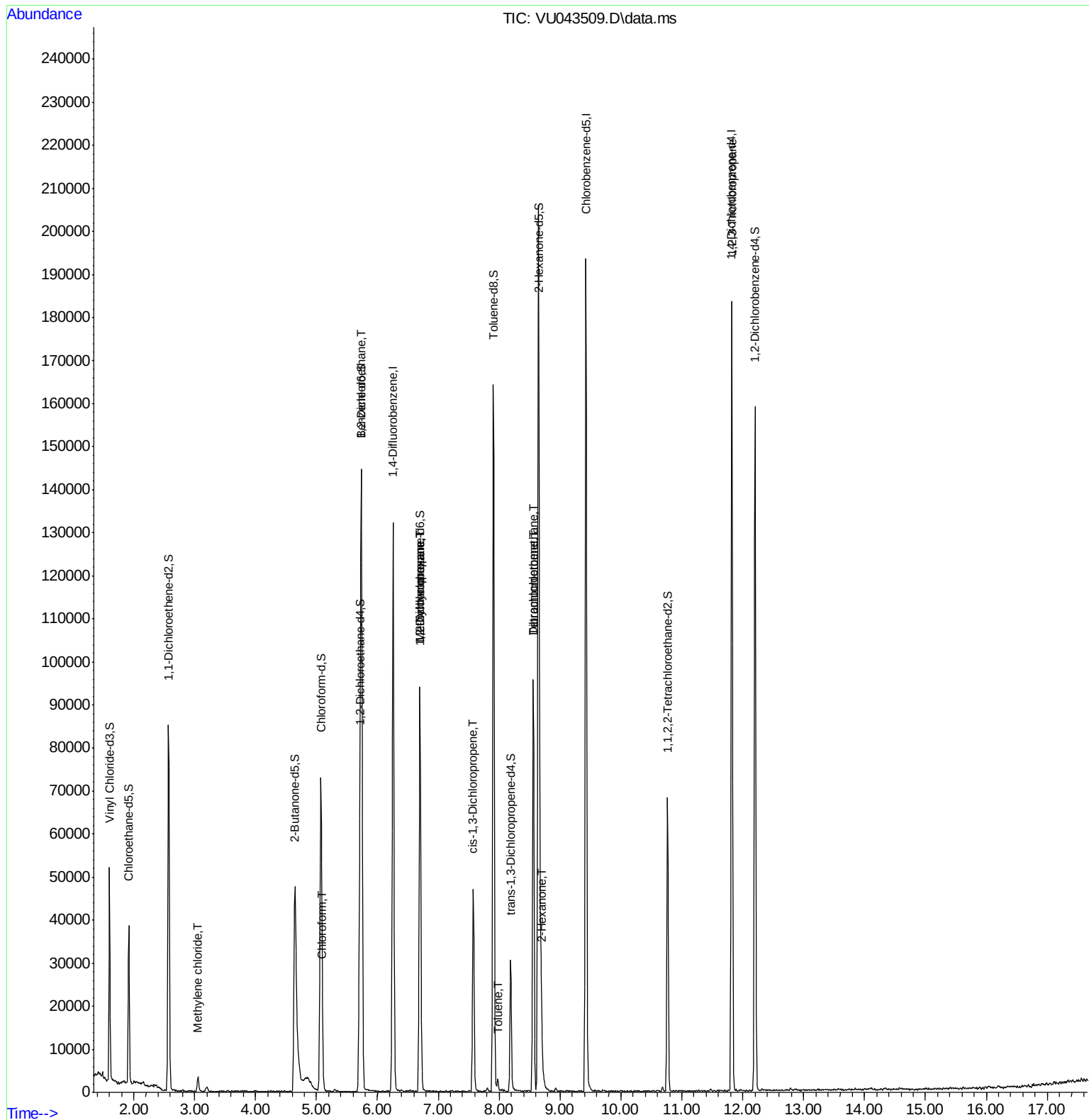
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	97253	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32361	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.919	69	24506	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.571	65	16058	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.645	46	96055	40.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.44%
24) Chloroform-d	5.073	84	63921	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.713	65	40061	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.739	84	117350	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.700	67	41556	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.906	98	99145	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.189	79	15545	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.645	63	71899	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33078	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36381	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	1395	0.16	ug/L	90
25) Chloroform	5.099	83	2097	0.15	ug/L	98
27) 1,2-Dichloroethane	5.739	62	851	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	9125	1.08	ug/L #	12
37) 1,2-Dichloropropane	6.703	63	5001	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1242	0.12	ug/L	100
42) Toluene	7.976	91	1705	0.06	ug/L	99
47) Tetrachloroethene	8.562	164	19981	4.15	ug/L	96
48) 2-Hexanone	8.693	43	6407	1.38	ug/L #	82
49) Dibromochloromethane	8.562	129	18703	2.93	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	5890	1.33	ug/L #	68

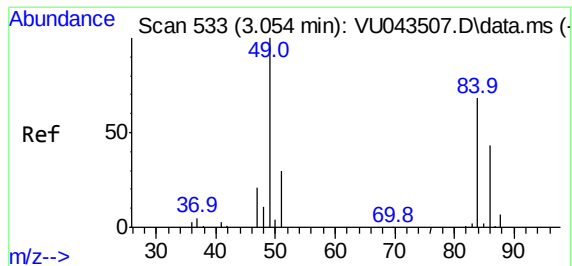
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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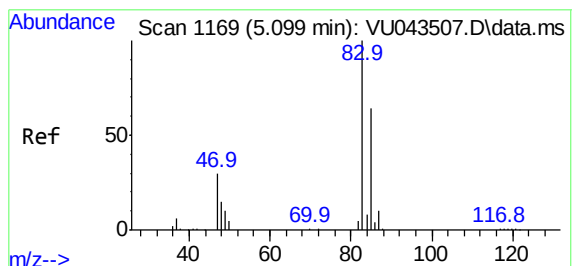
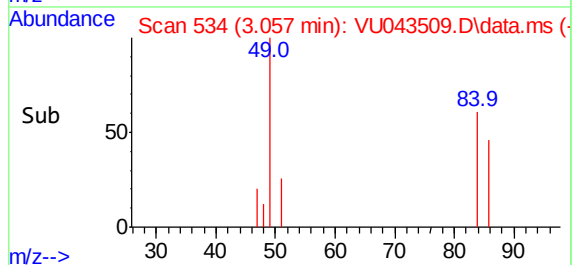
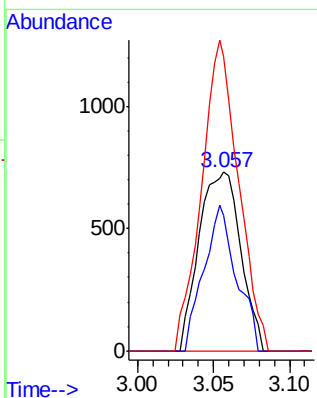
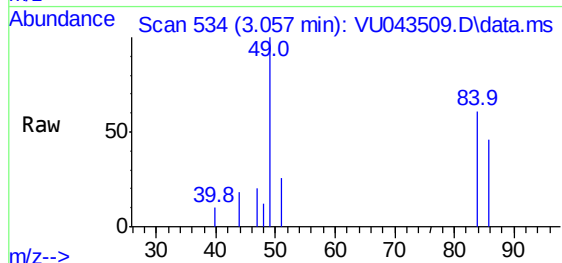




#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

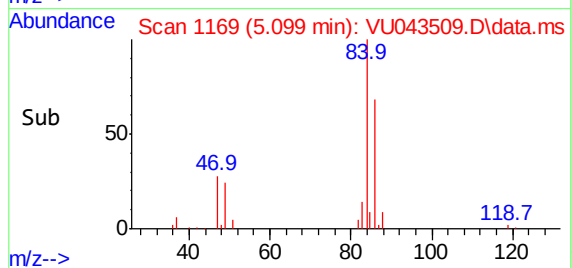
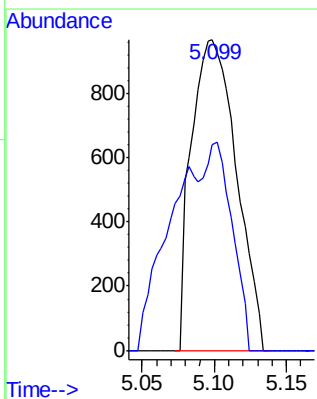
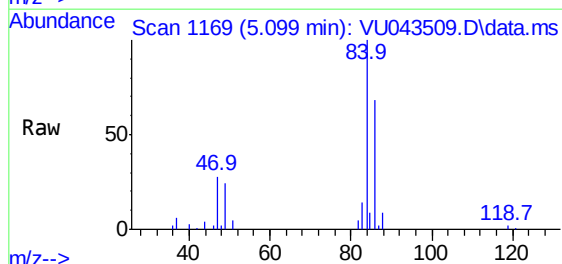
Instrument :
MSVOA_U
ClientSampled :
GB3H2DL

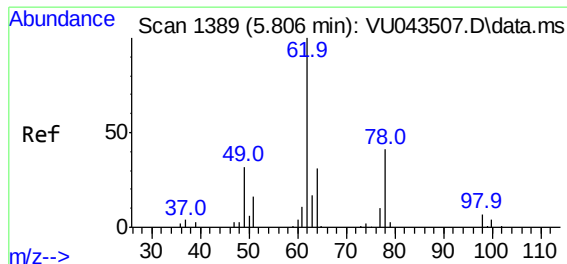
Tgt Ion: 84 Resp: 1395
Ion Ratio Lower Upper
84 100
86 75.8 45.6 84.6
49 164.7 107.0 198.8



#25
Chloroform
Concen: 0.15 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

Tgt Ion: 83 Resp: 2097
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9

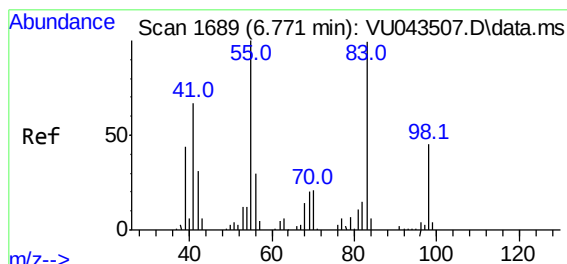
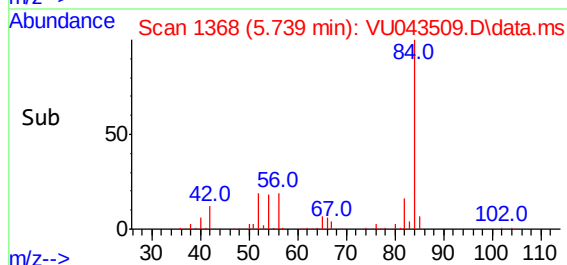
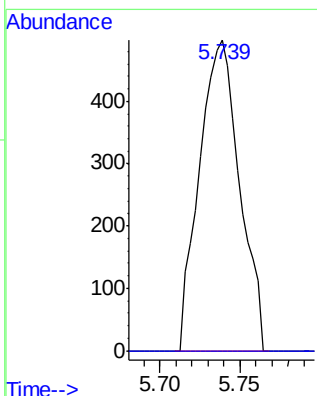
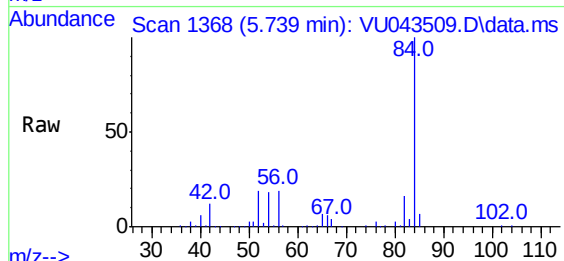




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

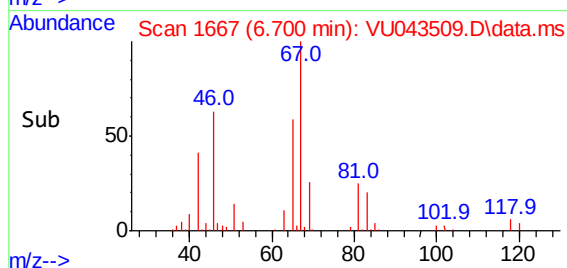
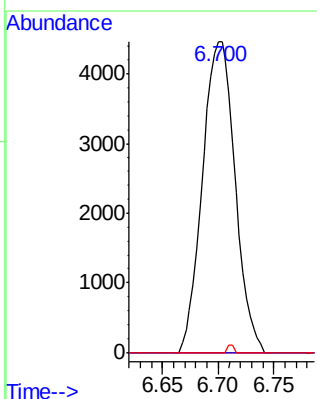
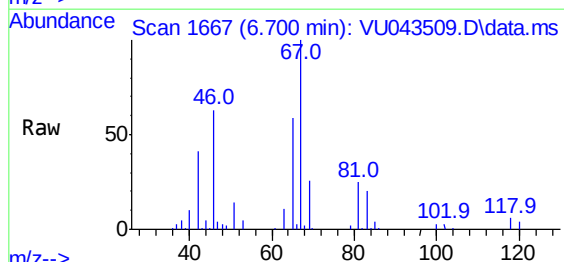
Instrument :
MSVOA_U
ClientSampleId :
GB3H2DL

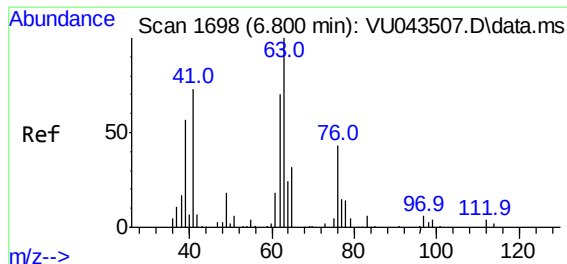
Tgt Ion: 62 Resp: 851
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

Tgt Ion: 83 Resp: 9125
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.4 35.5 53.3#

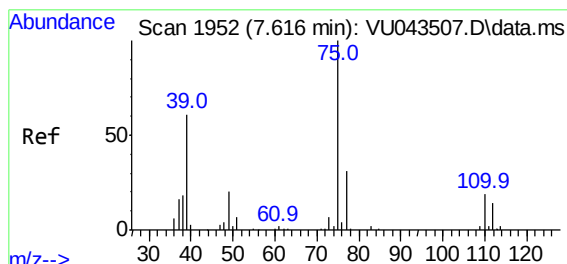
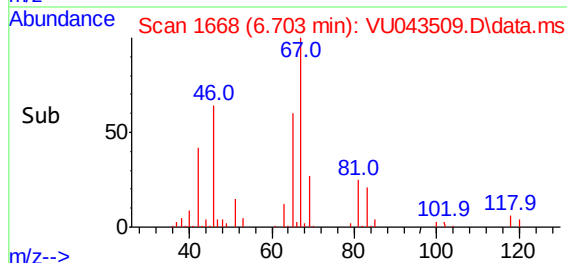
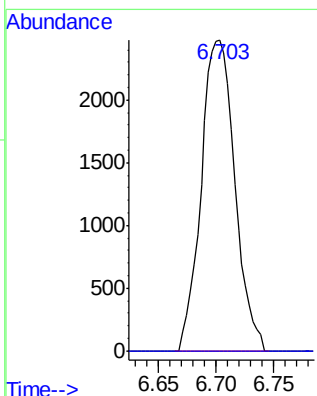
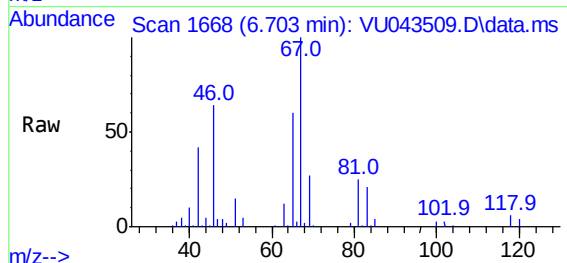




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

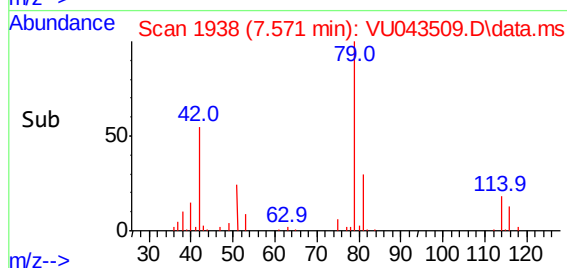
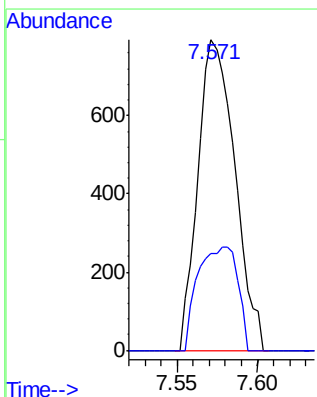
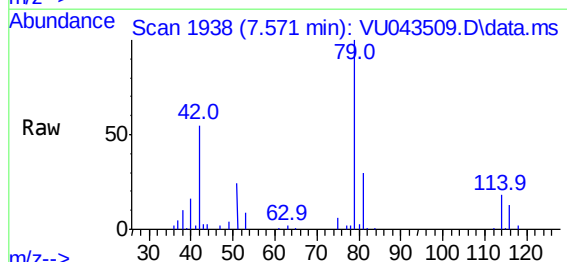
Instrument :
MSVOA_U
ClientSampleId :
GB3H2DL

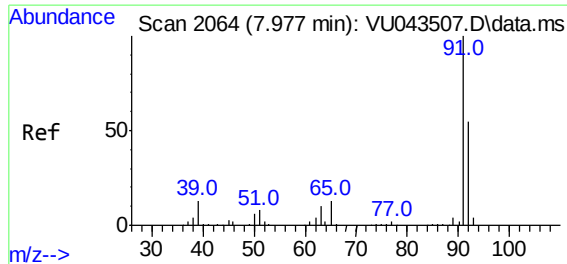
Tgt Ion: 63 Resp: 5001
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

Tgt Ion: 75 Resp: 1242
Ion Ratio Lower Upper
75 100
77 31.2 21.9 40.7

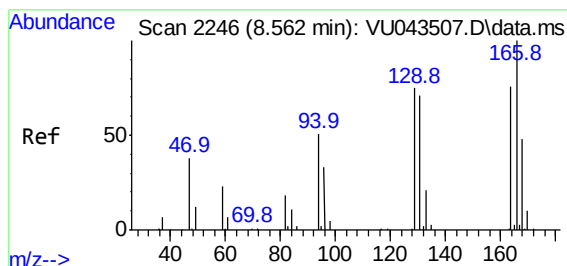
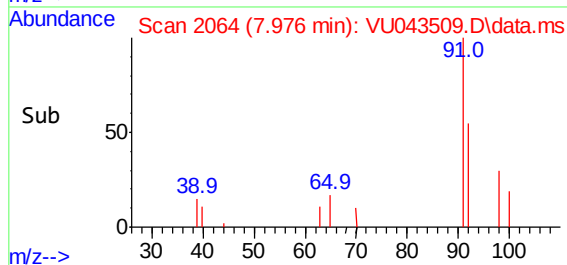
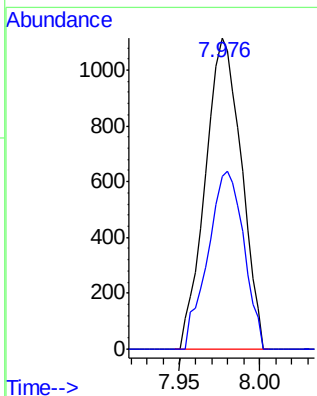
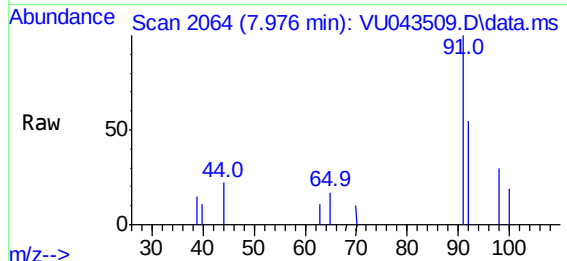




#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

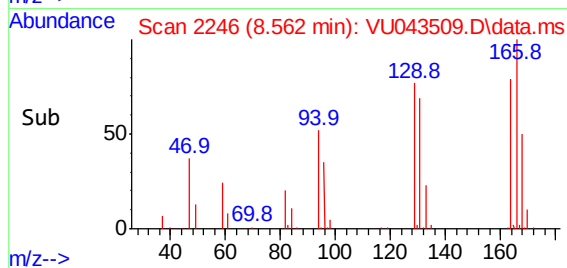
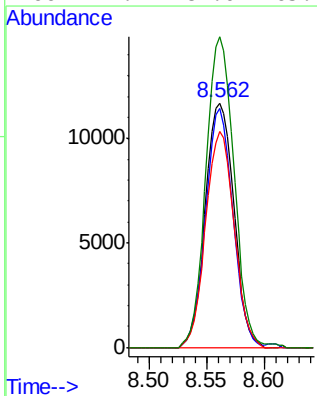
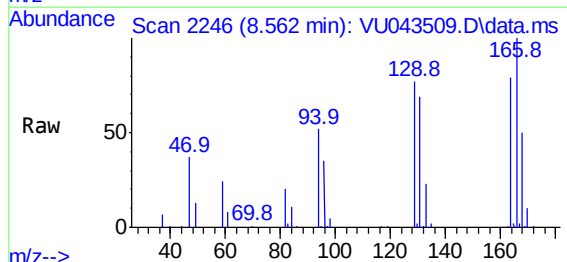
Instrument :
MSVOA_U
ClientSampled :
GB3H2DL

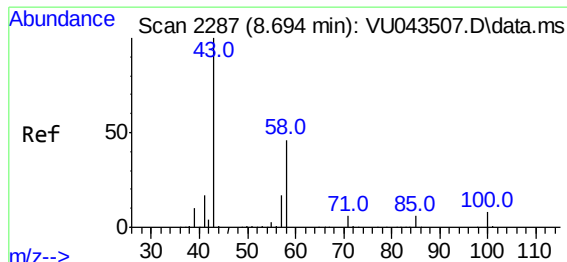
Tgt Ion: 91 Resp: 1705
Ion Ratio Lower Upper
91 100
92 55.3 39.1 72.5



#47
Tetrachloroethene
Concen: 4.15 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

Tgt Ion: 164 Resp: 19981
Ion Ratio Lower Upper
164 100
129 97.5 62.5 116.1
131 88.1 64.9 120.5
166 127.1 89.0 165.2

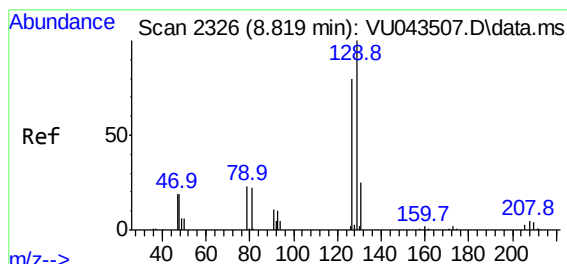
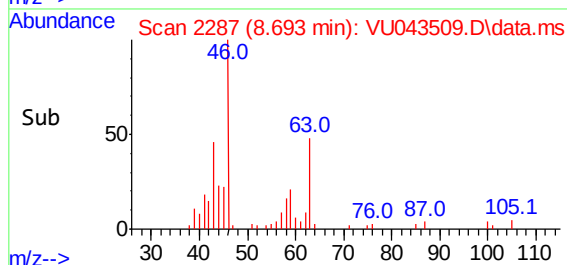
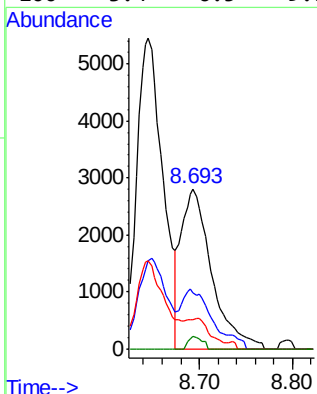
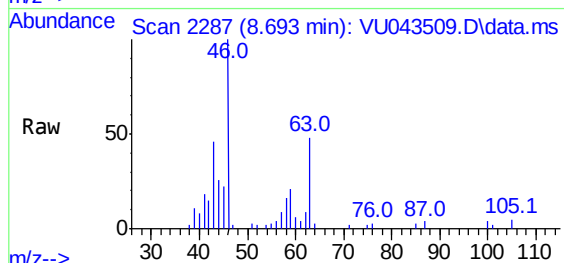




#48
2-Hexanone
Concen: 1.38 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

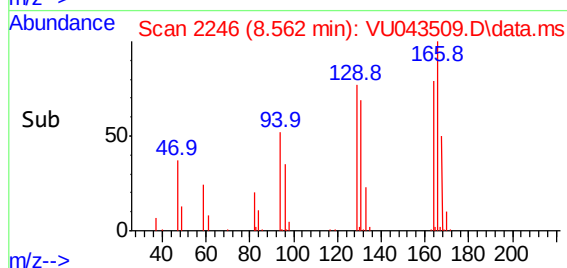
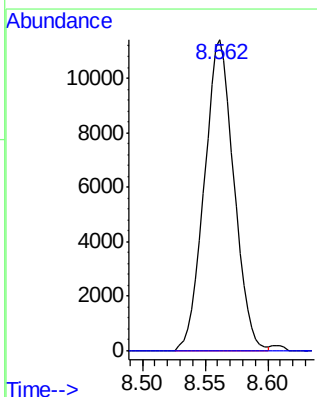
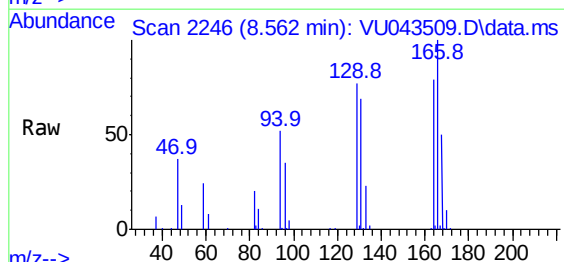
Instrument :
MSVOA_U
ClientSampled :
GB3H2DL

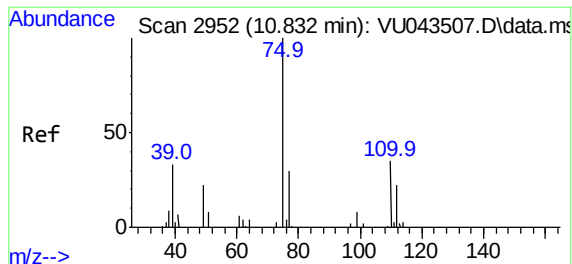
Tgt Ion:	43	Resp:	6407
Ion	Ratio	Lower	Upper
43	100		
58	38.8	36.8	55.2
57	0.0	13.2	19.8#
100	3.4	6.5	9.7#



#49
Dibromochloromethane
Concen: 2.93 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043509.D
Acq: 04 May 2021 10:37

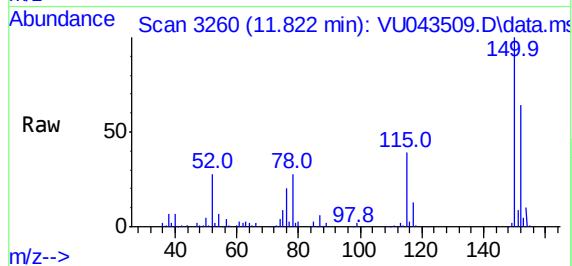
Tgt Ion:	129	Resp:	18703
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.33 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043509.D
 Acq: 04 May 2021 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2DL



Tgt Ion: 75 Resp: 5890
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.6 42.8#
 77 33.3 25.7 38.5

