

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043536.D
 Acq On : 04 May 2021 21:48
 Operator : SY/MD
 Sample : M2195-15DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J3DL

Quant Time: May 05 08:17:58 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)

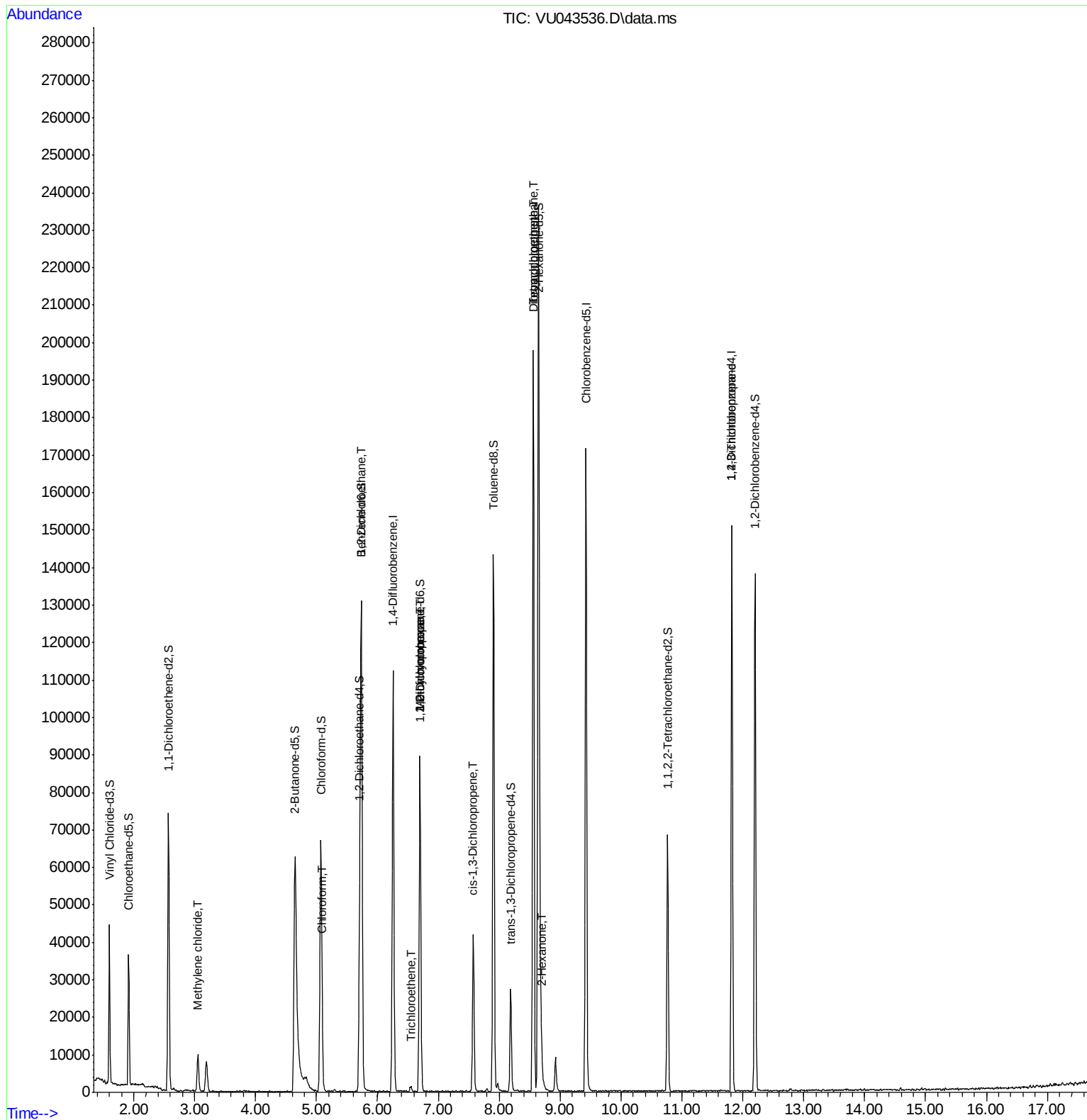
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84284	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37573	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28373	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.916	69	22737	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.568	65	14550	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.645	46	112210	54.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.48%
24) Chloroform-d	5.073	84	59296	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.710	65	38955	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.735	84	106238	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	39126	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	87597	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloroprop...	8.189	79	14214	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	76215	56.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.68%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33292	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	32911	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						
16) Methylene chloride	3.054	84	4396	0.60	ug/L	87
25) Chloroform	5.092	83	1618	0.13	ug/L	91
27) 1,2-Dichloroethane	5.732	62	759	0.09	ug/L #	78
34) Trichloroethene	6.549	95	503	0.09	ug/L #	71
35) Methylcyclohexane	6.700	83	8529	1.16	ug/L #	12
37) 1,2-Dichloropropane	6.703	63	4645	0.70	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1064	0.12	ug/L #	75
47) Tetrachloroethene	8.562	164	40487	9.69	ug/L	97
48) 2-Hexanone	8.694	43	4459	1.11	ug/L #	45
49) Dibromochloromethane	8.558	129	38451	6.94	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5069	1.33	ug/L #	67

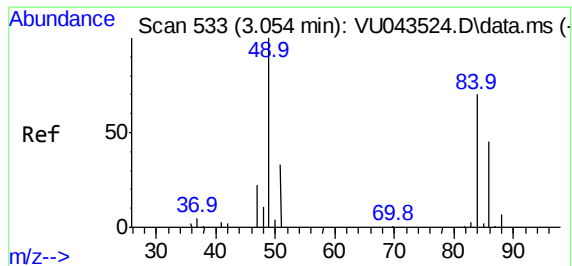
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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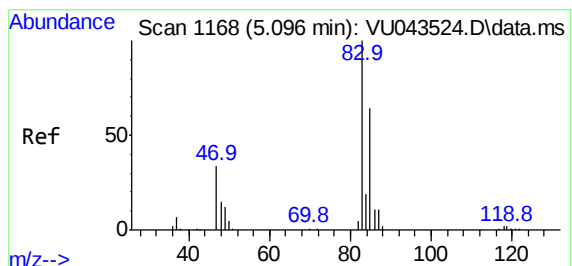
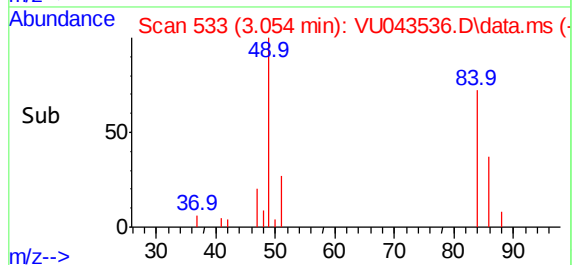
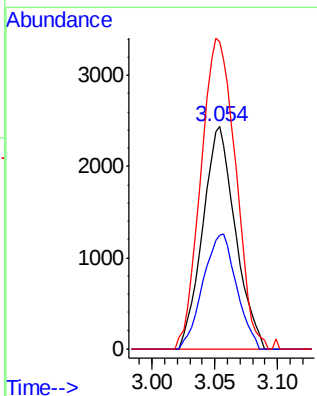
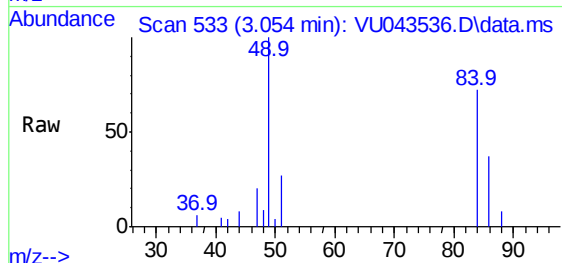




#16
Methylene chloride
Concen: 0.60 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

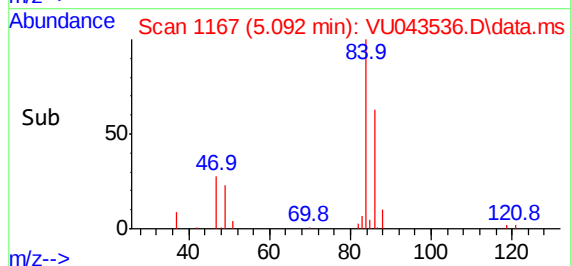
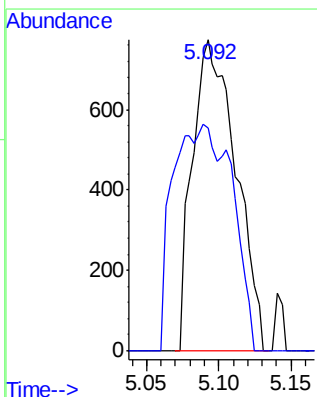
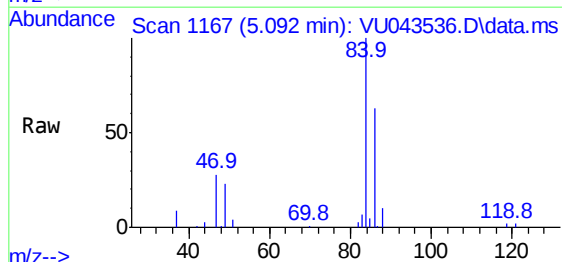
Instrument :
MSVOA_U
ClientSampled :
GB3J3DL

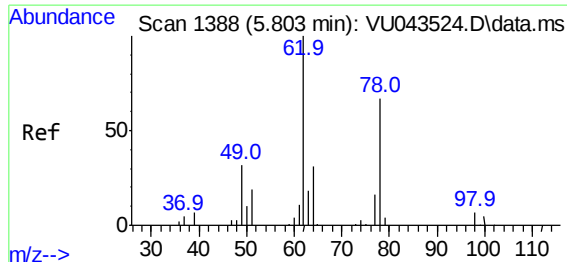
Tgt Ion: 84 Resp: 4396
Ion Ratio Lower Upper
84 100
86 51.0 45.6 84.6
49 138.1 107.0 198.8



#25
Chloroform
Concen: 0.13 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

Tgt Ion: 83 Resp: 1618
Ion Ratio Lower Upper
83 100
85 71.6 45.1 83.9

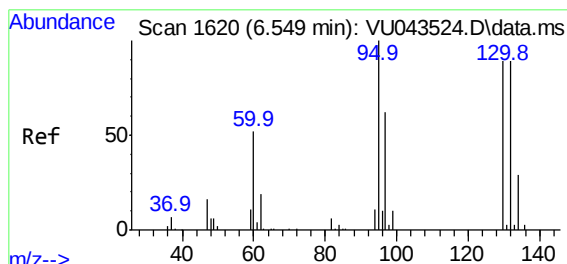
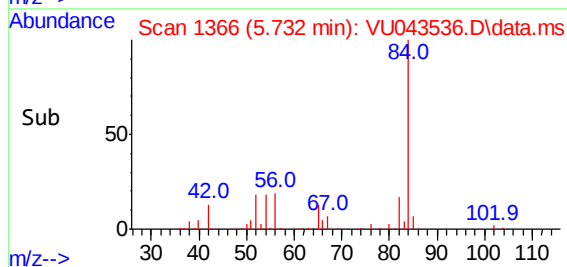
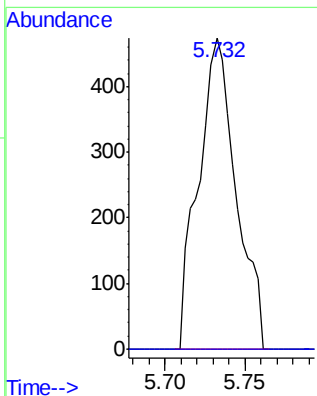
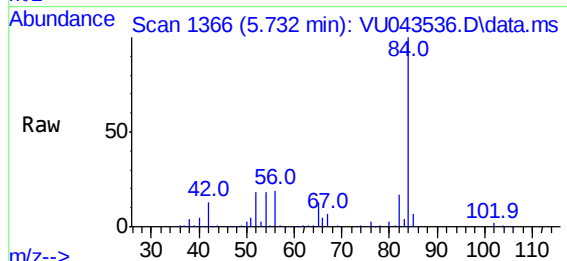




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

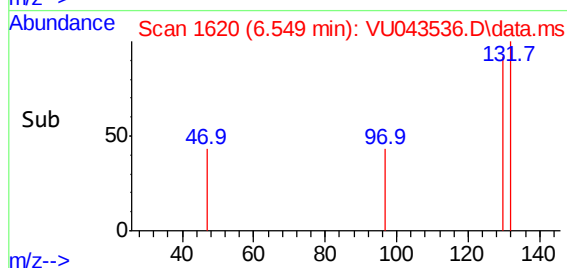
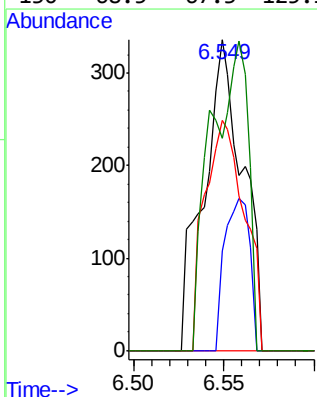
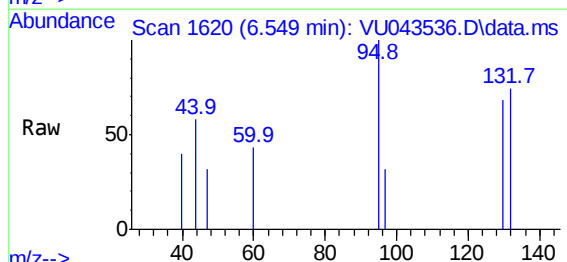
Instrument :
MSVOA_U
ClientSampleId :
GB3J3DL

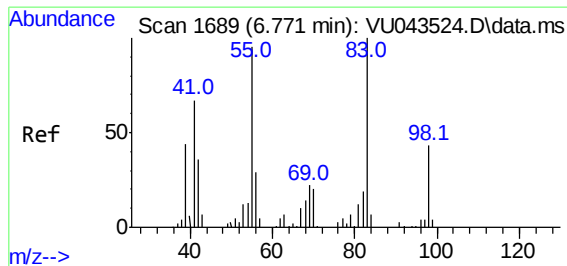
Tgt Ion: 62 Resp: 759
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#34
Trichloroethene
Concen: 0.09 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

Tgt Ion: 95 Resp: 503
Ion Ratio Lower Upper
95 100
97 31.8 46.5 86.5#
132 74.1 64.1 119.1
130 68.5 67.3 125.1

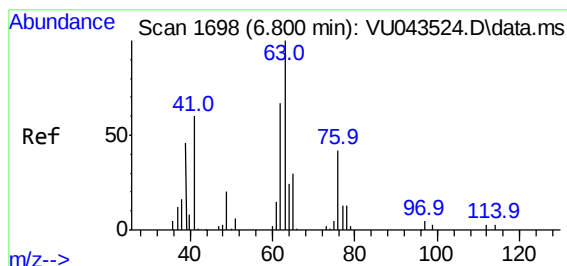
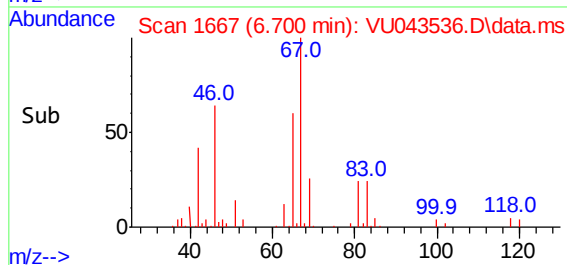
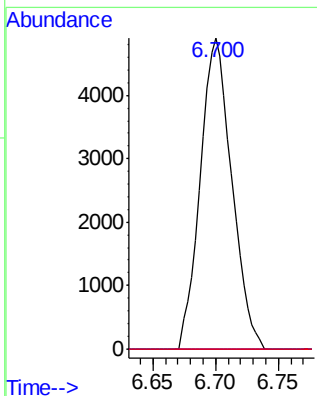
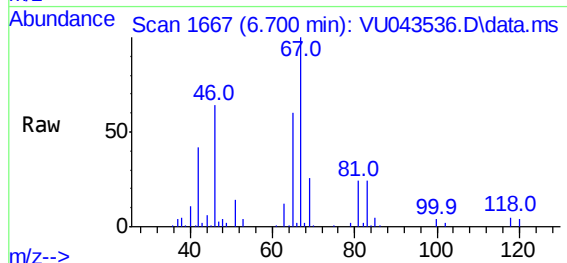




#35
Methylcyclohexane
Concen: 1.16 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

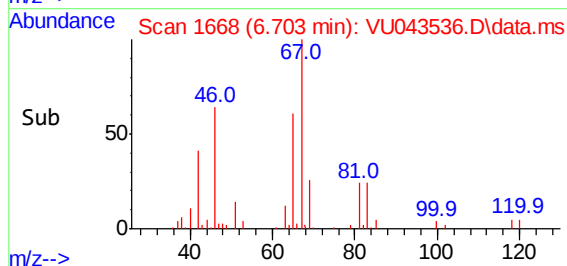
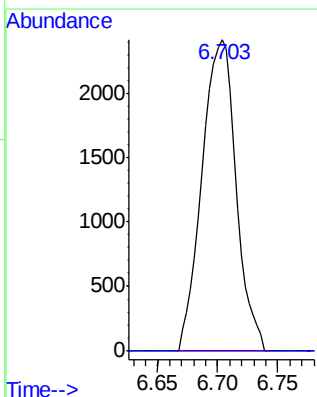
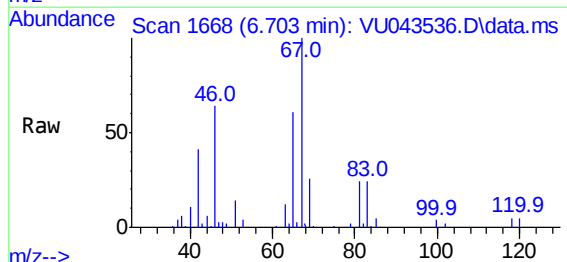
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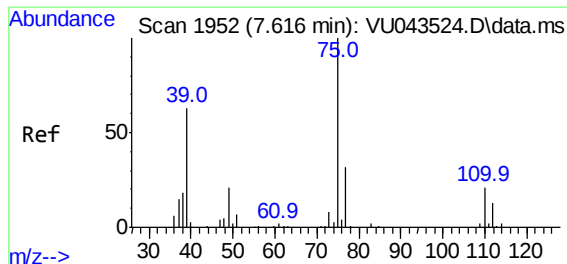
Tgt Ion: 83 Resp: 8529
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.2 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

Tgt Ion: 63 Resp: 4645
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

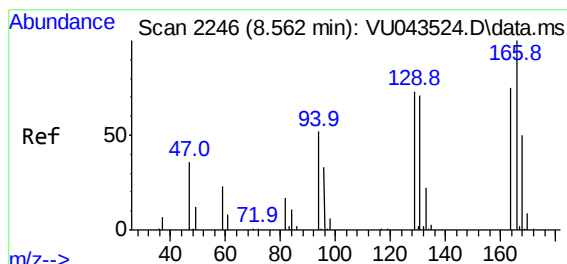
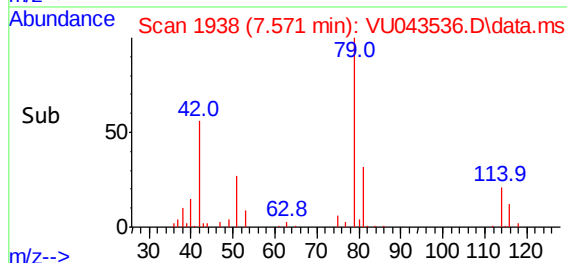
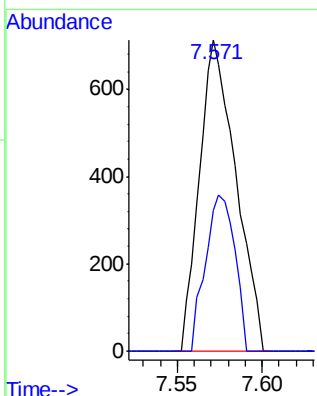
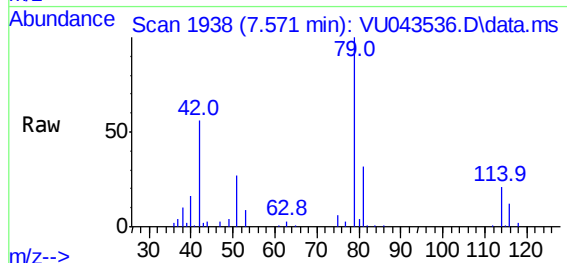




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU043536.D
 Acq: 04 May 2021 21:48

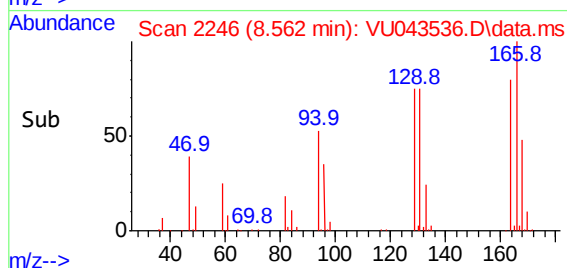
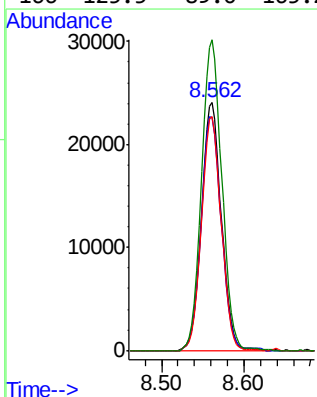
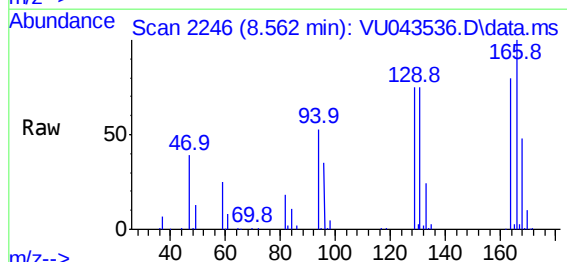
Instrument :
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 ClientSampleId :
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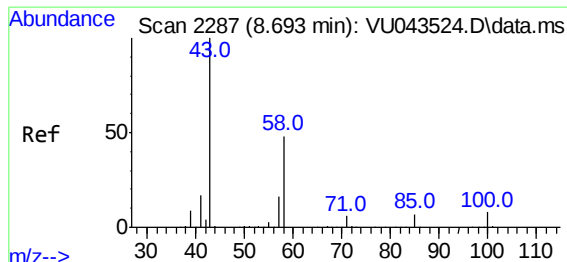
Tgt Ion: 75 Resp: 1064
 Ion Ratio Lower Upper
 75 100
 77 45.2 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 9.69 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: VU043536.D
 Acq: 04 May 2021 21:48

Tgt Ion: 164 Resp: 40487
 Ion Ratio Lower Upper
 164 100
 129 93.8 62.5 116.1
 131 94.5 64.9 120.5
 166 125.5 89.0 165.2

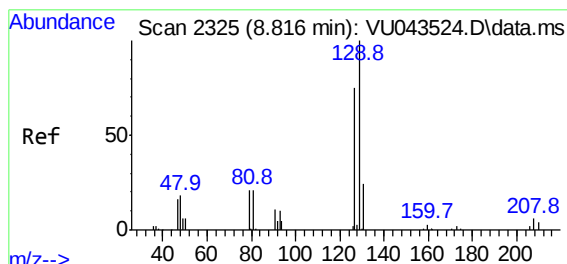
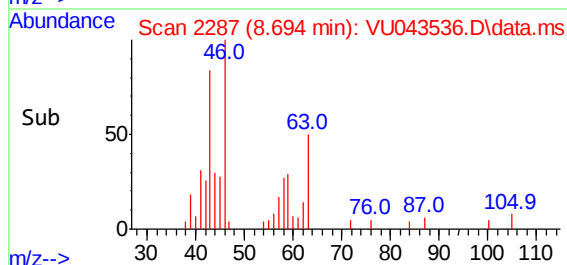
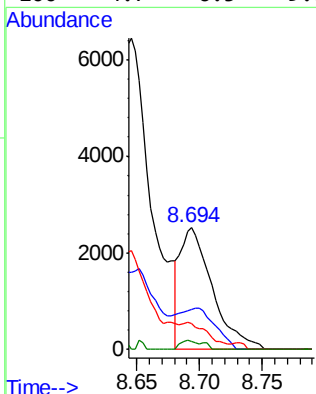
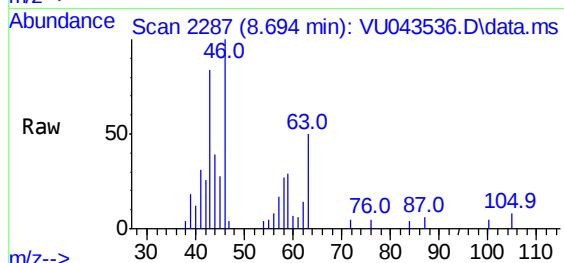




#48
2-Hexanone
Concen: 1.11 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

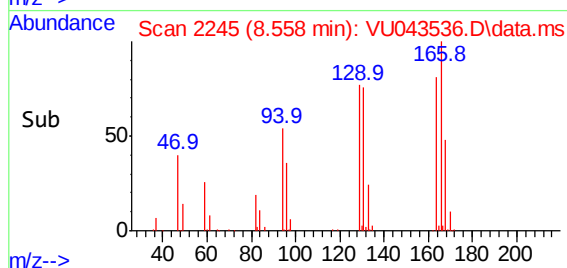
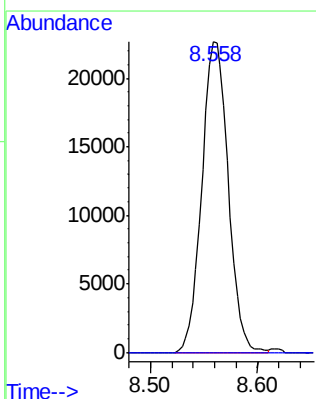
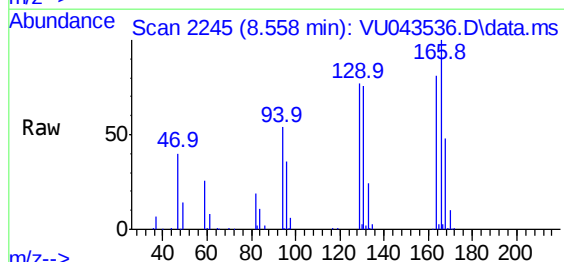
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ClientSampleID :
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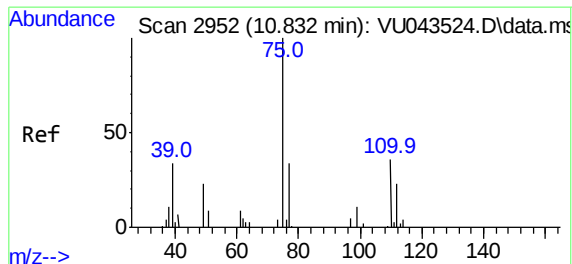
Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
58 0.0 36.8 55.2#
57 0.0 13.2 19.8#
100 4.7 6.5 9.7#



#49
Dibromochloromethane
Concen: 6.94 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043536.D
Acq: 04 May 2021 21:48

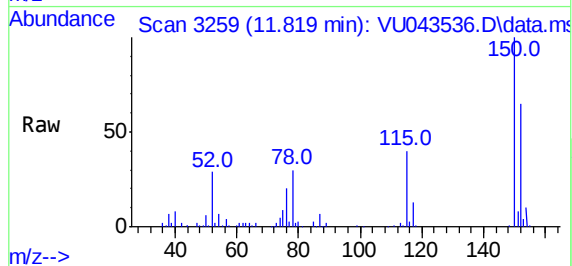
Tgt Ion: 129 Resp: 38451
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.33 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043536.D
 Acq: 04 May 2021 21:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J3DL



Tgt Ion: 75 Resp: 5069

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	42.8#
77	32.6	25.7	38.5

