

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043521.D
 Acq On : 04 May 2021 14:59
 Operator : SY/MD
 Sample : M2195-16 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J3

Quant Time: May 05 04:57:44 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)

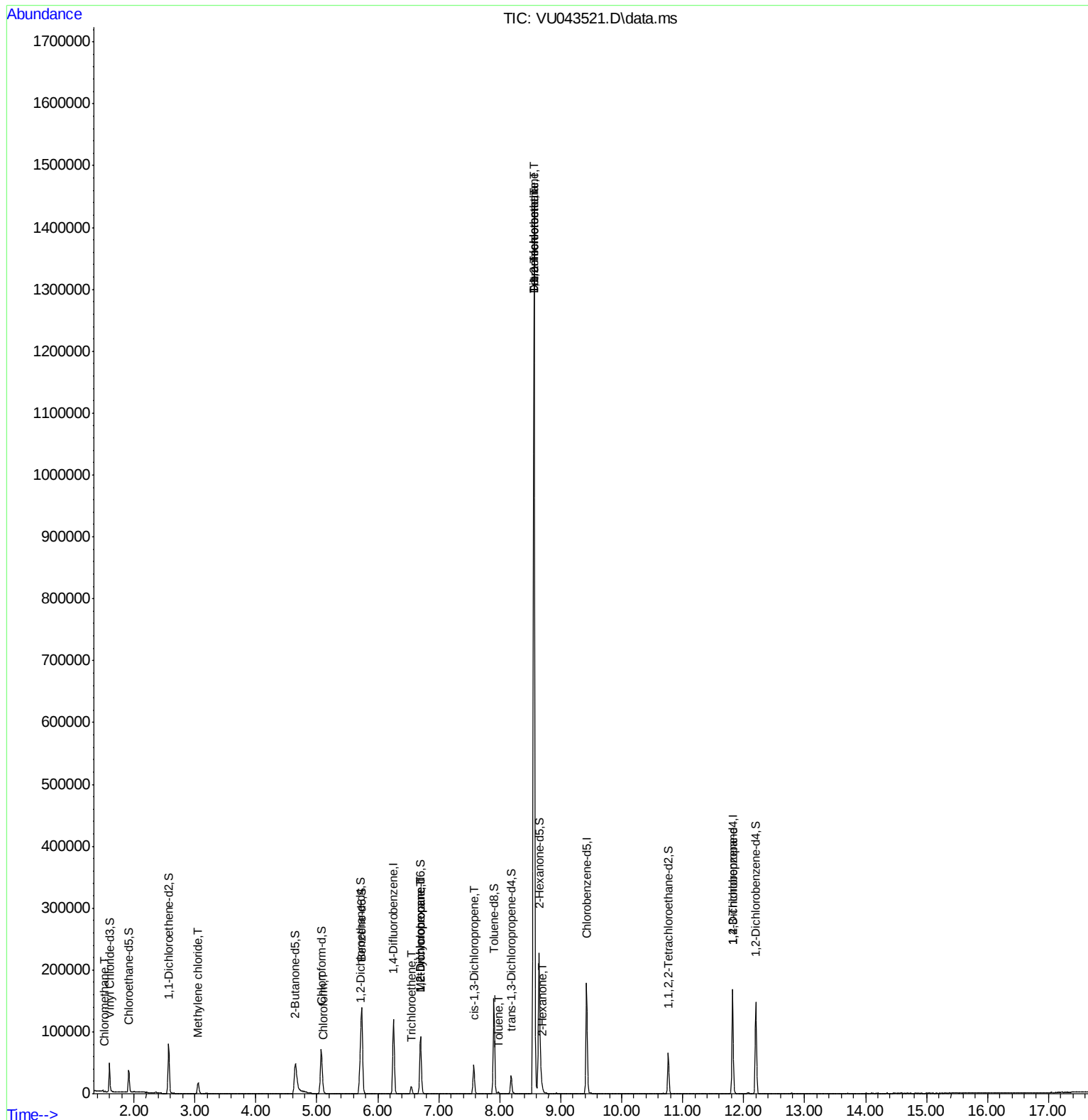
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	89530	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40004	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30670	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.916	69	24144	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.568	65	15410	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.649	46	99740	46.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	5.073	84	62929	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.713	65	38391	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.736	84	112831	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	40134	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.906	98	95858	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	8.186	79	15199	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.645	63	74456	51.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.62%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32135	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	35120	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						
3) Chloromethane	1.520	50	699	0.11	ug/L	89
16) Methylene chloride	3.054	84	7651	0.99	ug/L	93
25) Chloroform	5.102	83	2262	0.18	ug/L	97
34) Trichloroethene	6.546	95	4078	0.68	ug/L	84
35) Methylcyclohexane	6.700	83	9202	1.18	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4460	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1171	0.13	ug/L #	68
42) Toluene	7.980	91	1748	0.07	ug/L	94
45) 1,1,2-Trichloroethane	8.562	97	2625	0.54	ug/L #	1
47) Tetrachloroethene	8.562	164	293127	66.07	ug/L	97
48) 2-Hexanone	8.690	43	3773	0.88	ug/L #	86
49) Dibromochloromethane	8.562	129	276698	47.05	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4950	1.22	ug/L #	66

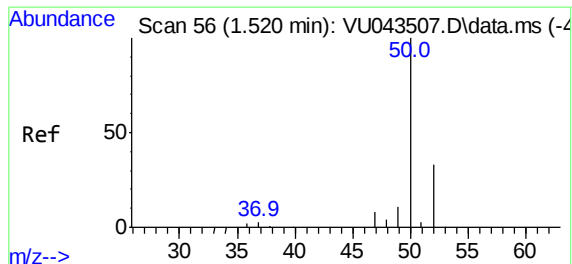
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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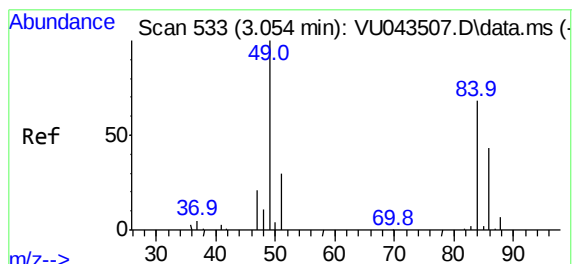
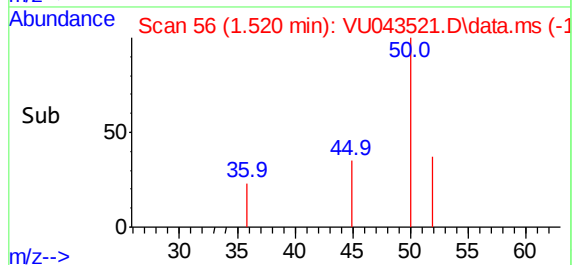
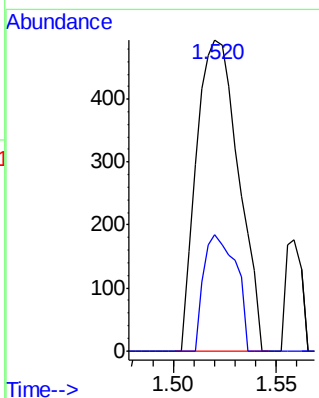
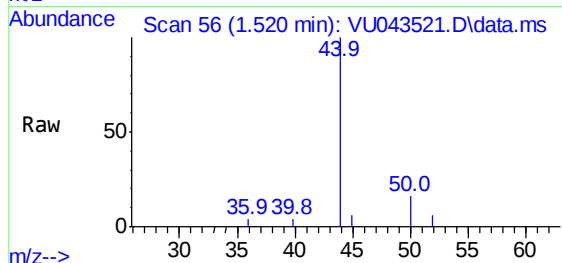




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

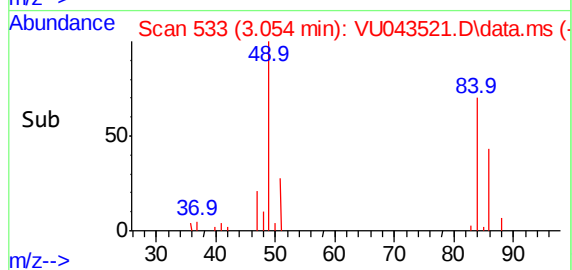
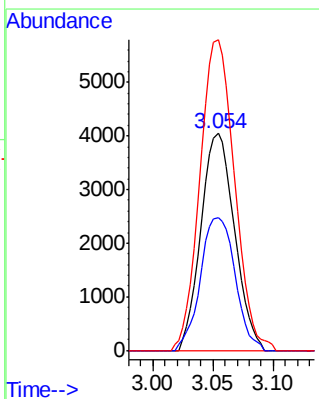
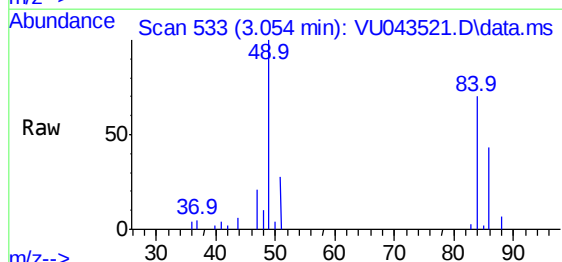
Instrument :
MSVOA_U
ClientSampleId :
GB3J3

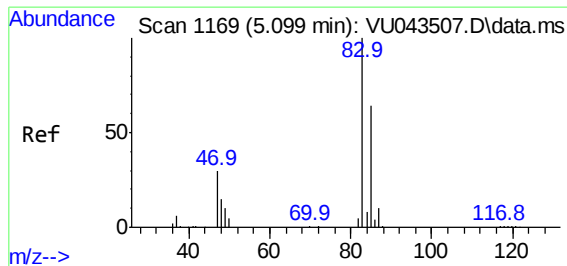
Tgt Ion: 50 Resp: 699
Ion Ratio Lower Upper
50 100
52 37.4 22.1 41.1



#16
Methylene chloride
Concen: 0.99 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

Tgt Ion: 84 Resp: 7651
Ion Ratio Lower Upper
84 100
86 61.4 45.6 84.6
49 143.0 107.0 198.8

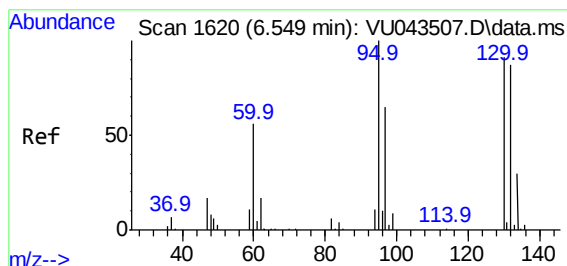
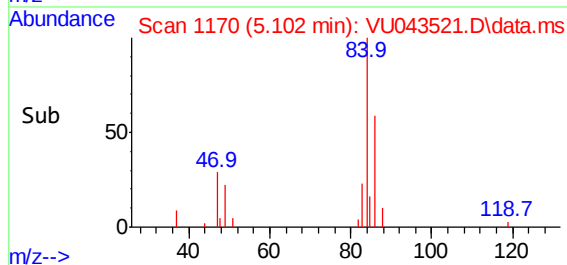
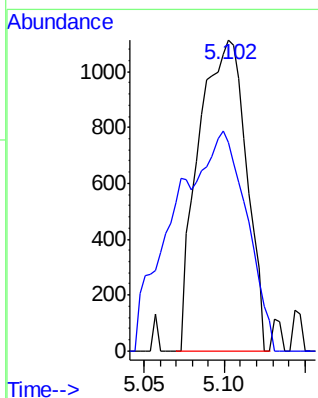
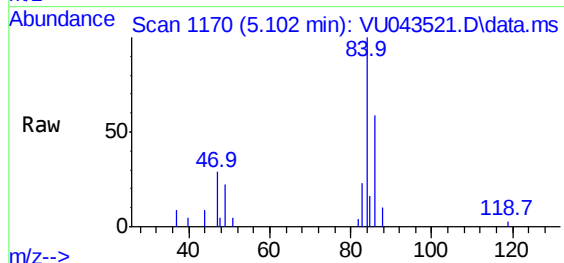




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

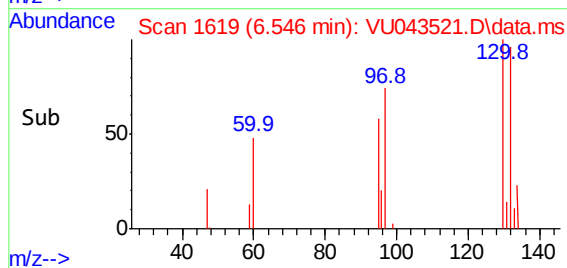
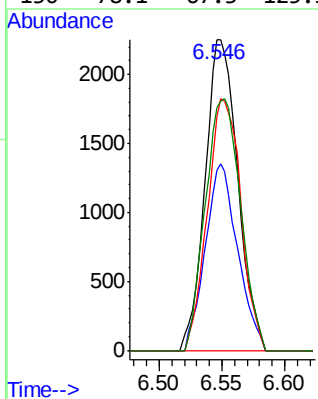
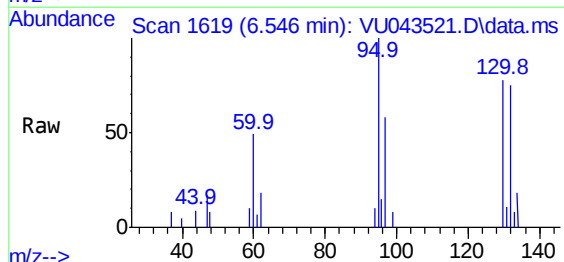
Instrument :
MSVOA_U
ClientSampled :
GB3J3

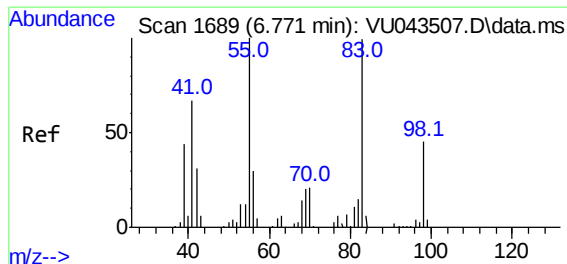
Tgt Ion: 83 Resp: 2262
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9



#34
Trichloroethene
Concen: 0.68 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

Tgt Ion: 95 Resp: 4078
Ion Ratio Lower Upper
95 100
97 57.9 46.5 86.5
132 75.2 64.1 119.1
130 78.1 67.3 125.1

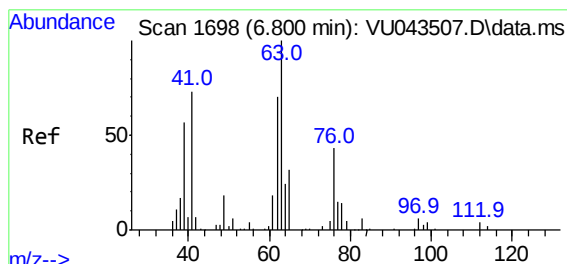
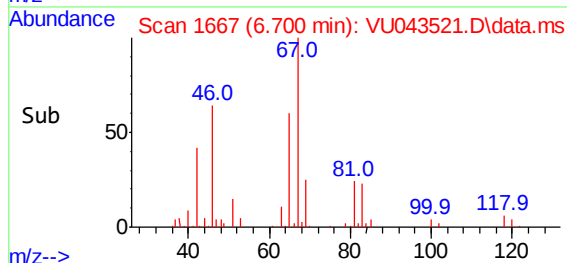
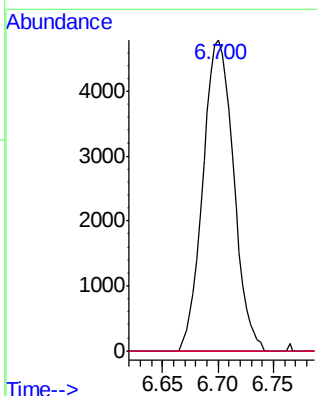
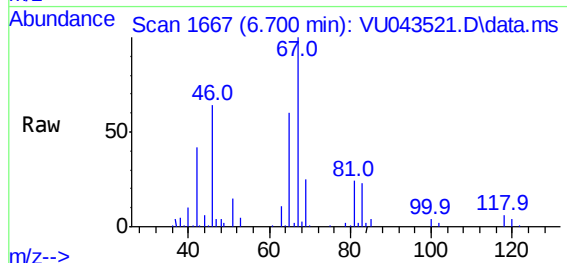




#35
Methylcyclohexane
Concen: 1.18 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

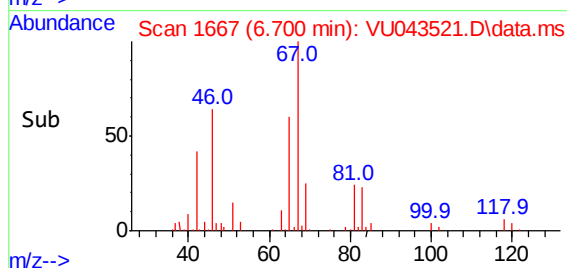
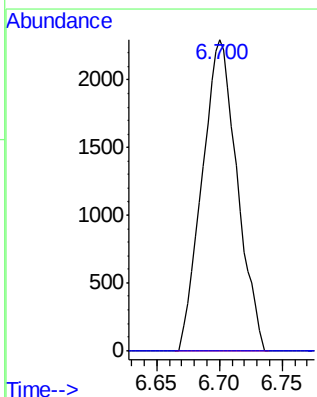
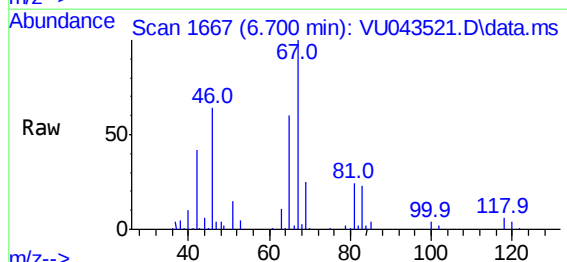
Instrument :
MSVOA_U
ClientSampleId :
GB3J3

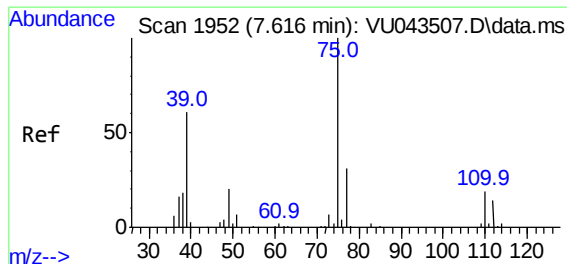
Tgt Ion: 83 Resp: 9202
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.2 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

Tgt Ion: 63 Resp: 4460
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

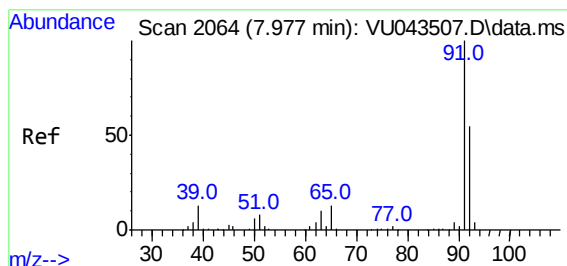
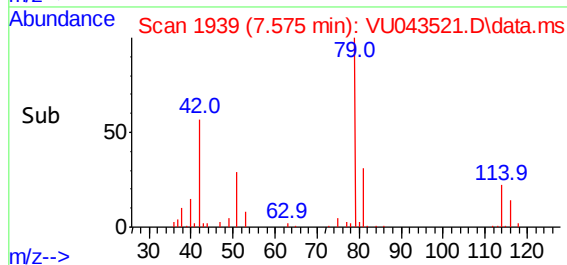
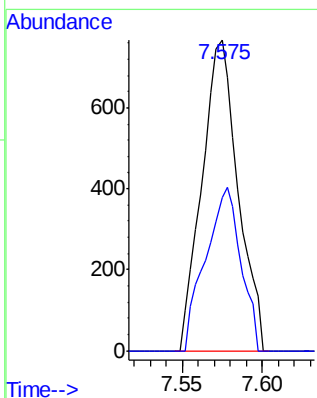
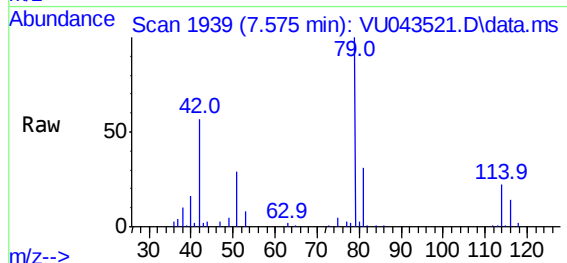




#39
 cis-1,3-Dichloropropene
 Concen: 0.13 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043521.D
 Acq: 04 May 2021 14:59

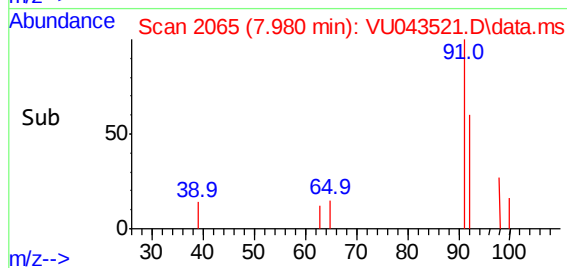
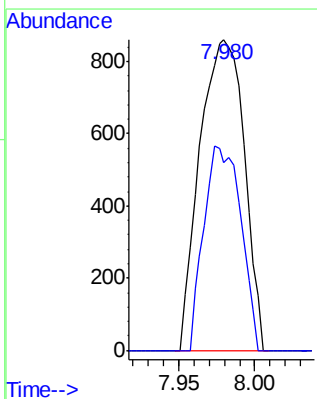
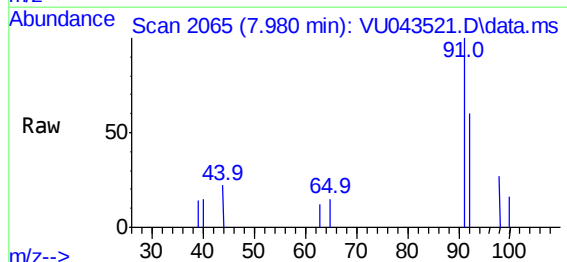
Instrument :
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 ClientSampleId :
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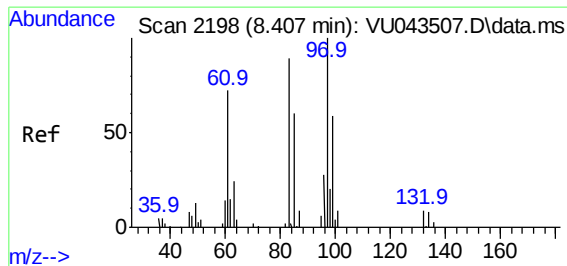
Tgt Ion: 75 Resp: 1171
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.9 40.7#



#42
 Toluene
 Concen: 0.07 ug/L
 RT: 7.980 min Scan# 2065
 Delta R.T. 0.003 min
 Lab File: VU043521.D
 Acq: 04 May 2021 14:59

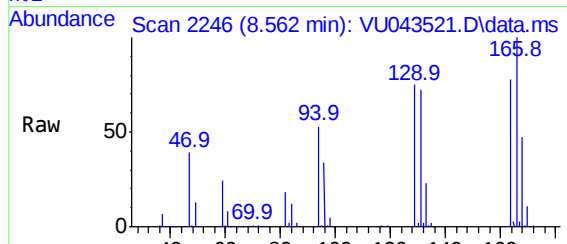
Tgt Ion: 91 Resp: 1748
 Ion Ratio Lower Upper
 91 100
 92 60.3 39.1 72.5





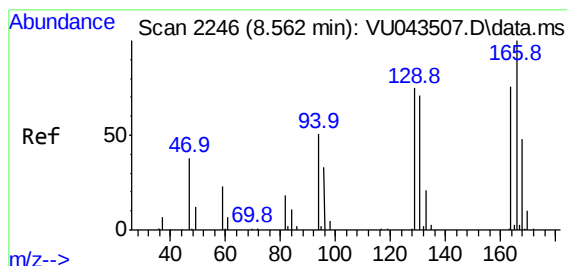
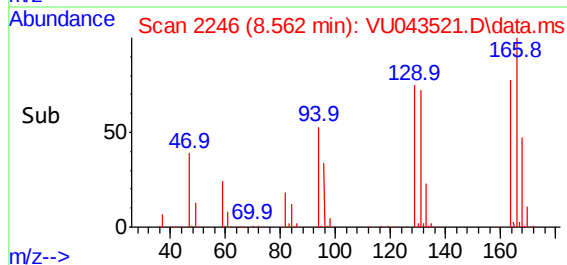
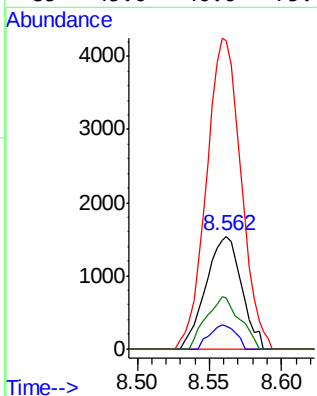
#45
1,1,2-Trichloroethane
Concen: 0.54 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.154 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
GB3J3



Tgt Ion: 97 Resp: 2625

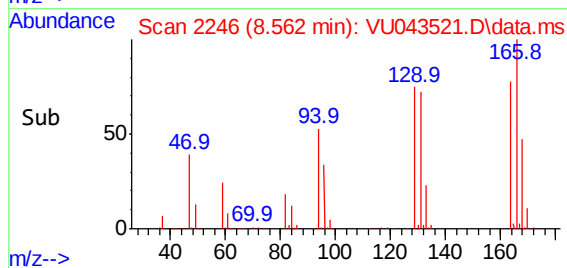
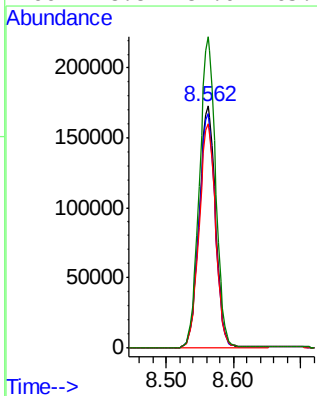
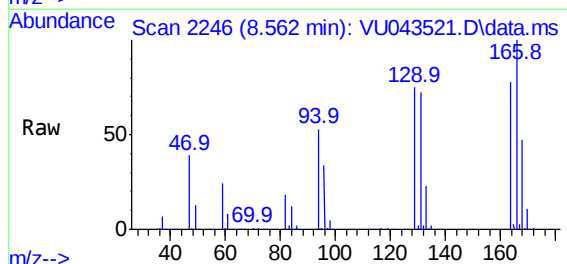
Ion	Ratio	Lower	Upper
97	100		
99	19.9	42.6	79.0#
83	273.8	64.1	119.1#
85	45.0	40.6	75.4

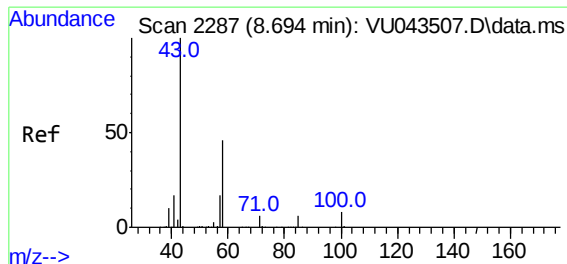


#47
Tetrachloroethene
Concen: 66.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

Tgt Ion: 164 Resp: 293127

Ion	Ratio	Lower	Upper
164	100		
129	96.8	62.5	116.1
131	93.0	64.9	120.5
166	128.8	89.0	165.2

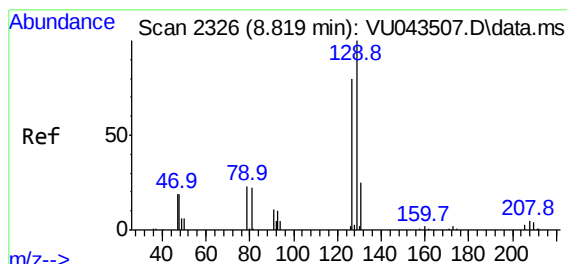
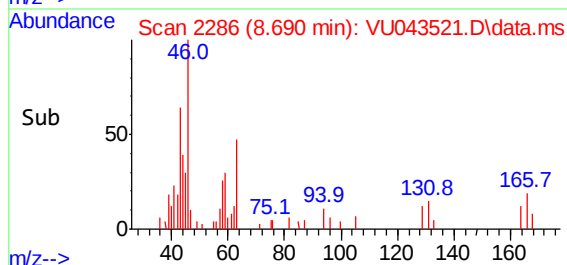
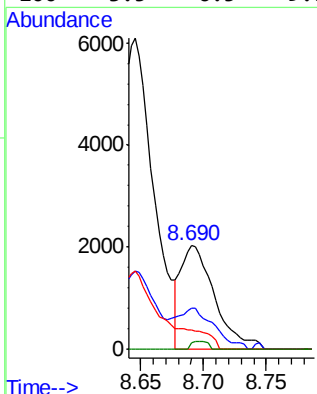
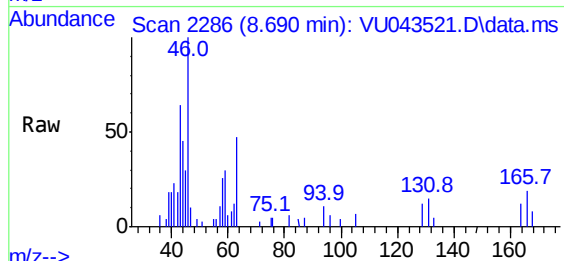




#48
2-Hexanone
Concen: 0.88 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

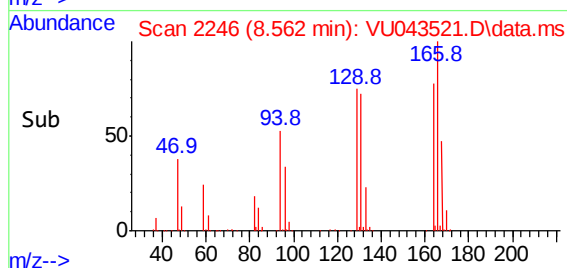
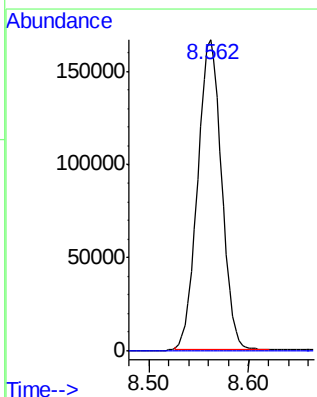
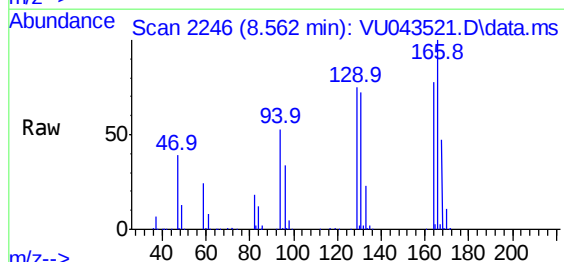
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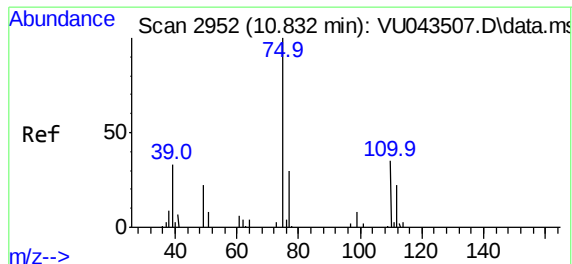
Tgt Ion:	43	Resp:	3773
Ion	Ratio	Lower	Upper
43	100		
58	42.5	36.8	55.2
57	0.0	13.2	19.8#
100	3.5	6.5	9.7#



#49
Dibromochloromethane
Concen: 47.05 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043521.D
Acq: 04 May 2021 14:59

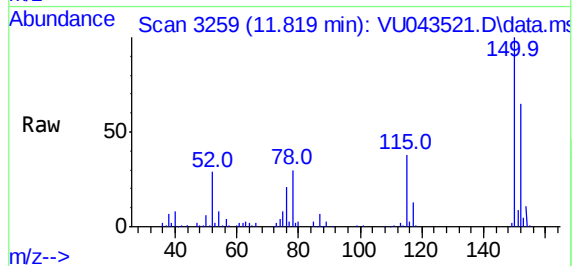
Tgt Ion:	129	Resp:	276698
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.22 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043521.D
 Acq: 04 May 2021 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J3



Tgt Ion: 75 Resp: 4950
 Ion Ratio Lower Upper
 75 100
 110 1.9 28.6 42.8#
 77 36.7 25.7 38.5

