

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042814.D
 Acq On : 29 Mar 2021 14:14
 Operator : SY/MD
 Sample : M1846-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR35

Quant Time: Mar 30 01:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

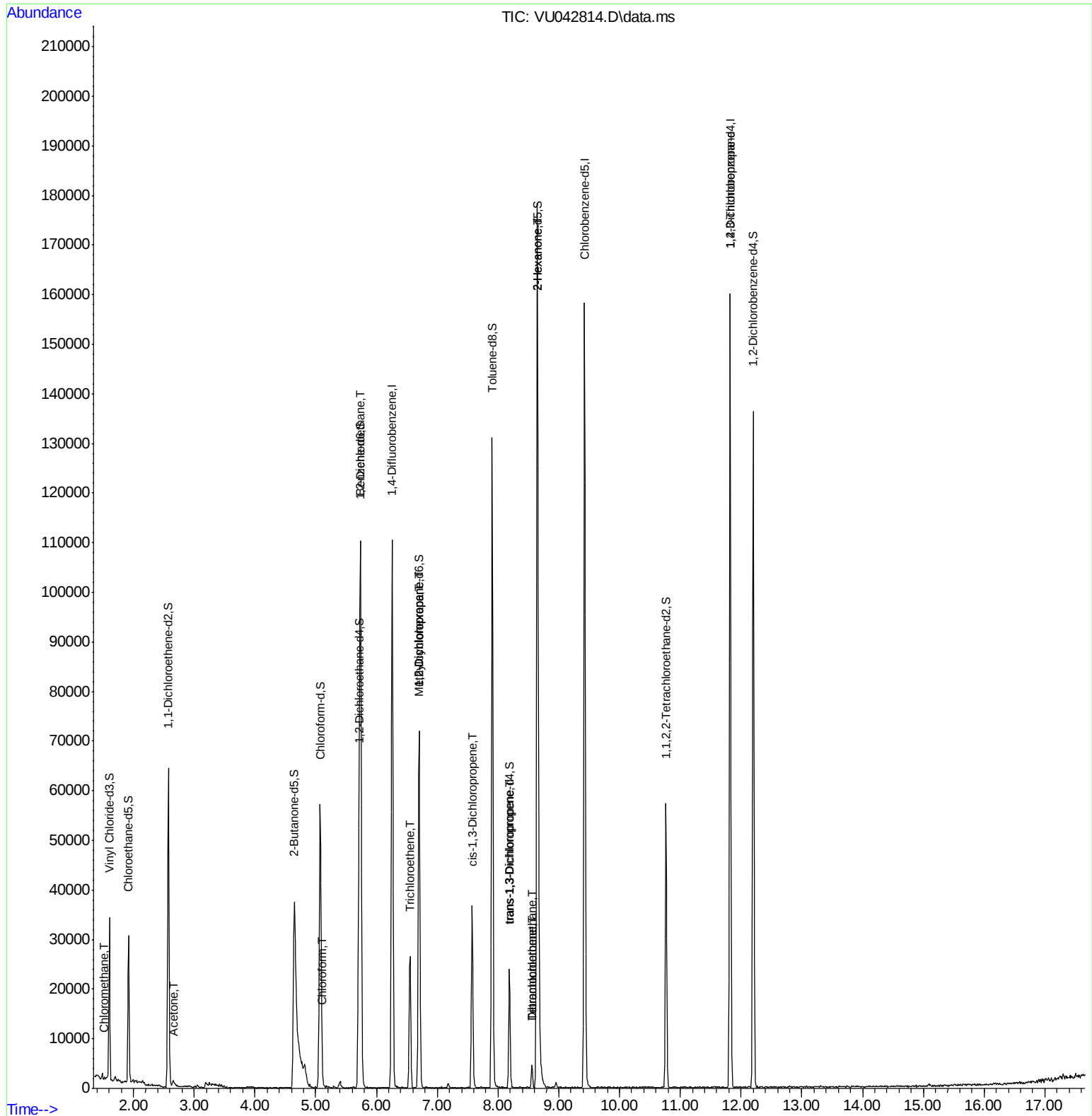
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	84557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	82500	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39353	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22537	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.919	69	19570	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.572	63	39142	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.649	46	86270	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	5.073	84	49880	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.713	65	31767	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.736	84	90853	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.700	67	31415	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	81066	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.189	79	12016	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.645	63	66952	45.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.74%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26243	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	34081	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%
Target Compounds						
3) Chloromethane	1.520	50	325	0.04	ug/L #	62
13) Acetone	2.658	43	2404	1.69	ug/L	70
25) Chloroform	5.105	83	1758	0.14	ug/L	98
27) 1,2-Dichloroethane	5.732	62	616	0.06	ug/L #	75
34) Trichloroethene	6.549	95	8703	1.22	ug/L	95
35) Methylcyclohexane	6.697	83	7565	0.69	ug/L #	20
37) 1,2-Dichloropropane	6.700	63	3936	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1056	0.10	ug/L	92
44) trans-1,3-Dichloropropene	8.186	75	729	0.08	ug/L	89
47) Tetrachloroethene	8.555	164	835	0.14	ug/L #	68
48) 2-Hexanone	8.645	43	11311	2.52	ug/L #	70
49) Dibromochloromethane	8.559	129	1034	0.16	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4872	0.93	ug/L #	84

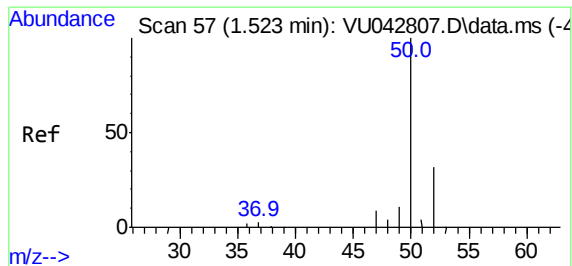
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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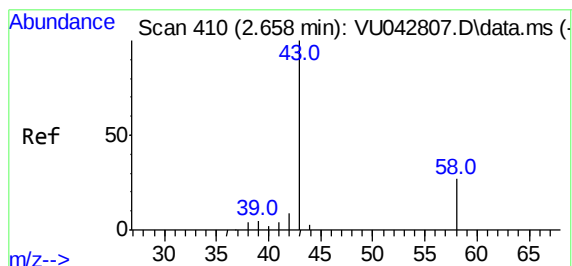
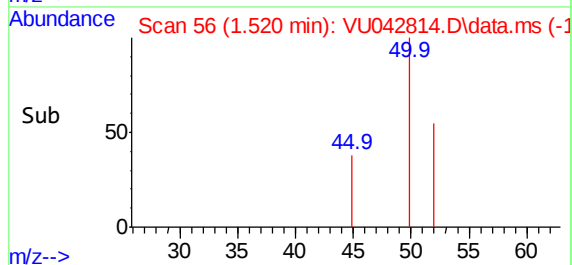
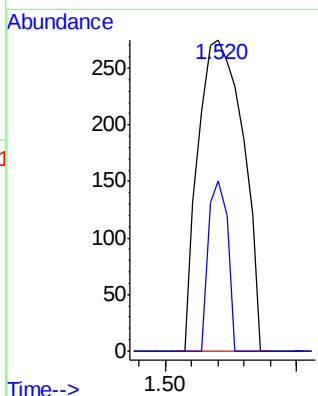
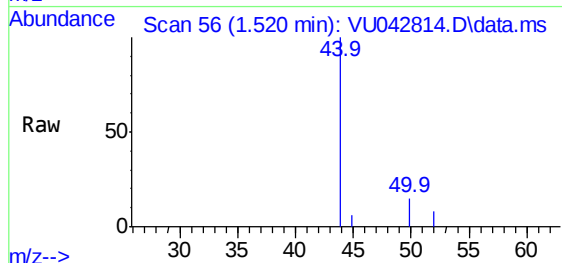




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

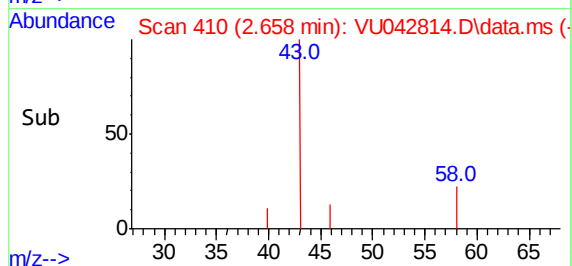
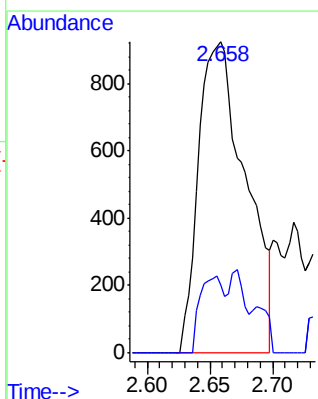
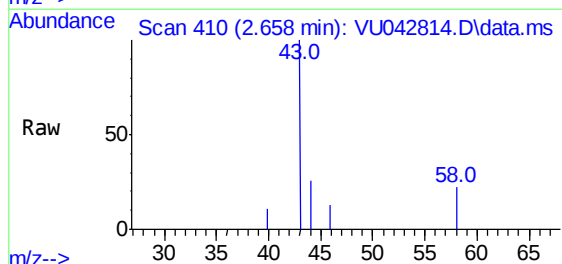
Instrument :
MSVOA_U
ClientSampleId :
YAR35

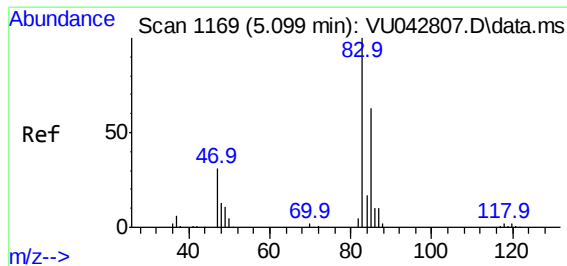
Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 54.5 23.0 42.8#



#13
Acetone
Concen: 1.69 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 12.3 0.0 55.8

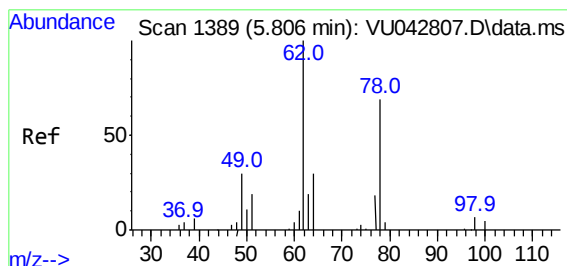
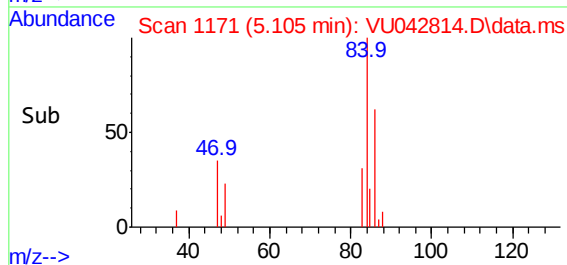
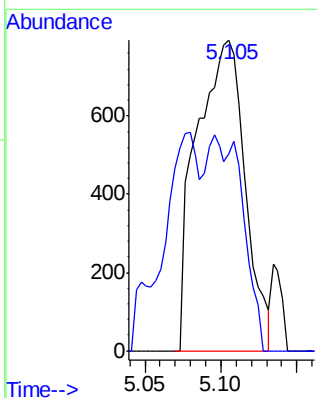
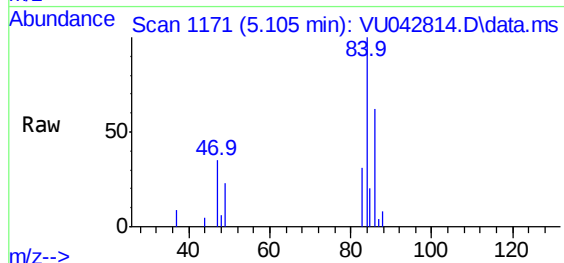




#25
Chloroform
Concen: 0.14 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.007 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

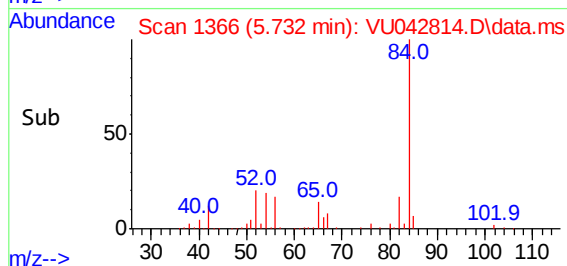
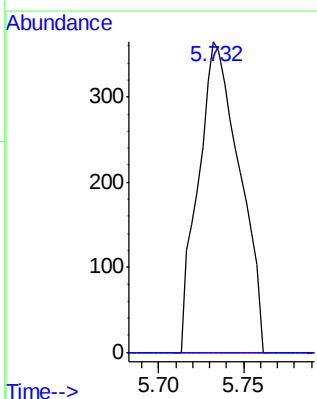
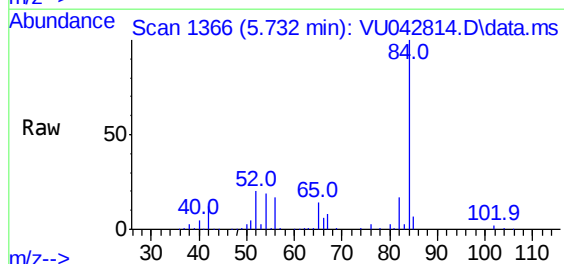
Instrument :
MSVOA_U
ClientSampled :
YAR35

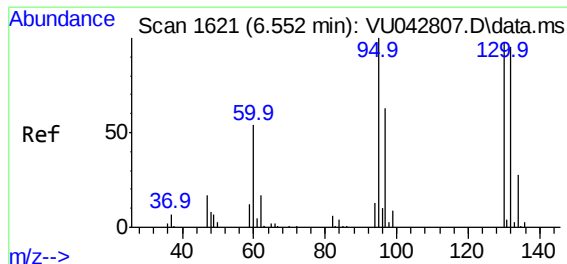
Tgt Ion: 83 Resp: 1758
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 62 Resp: 616
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



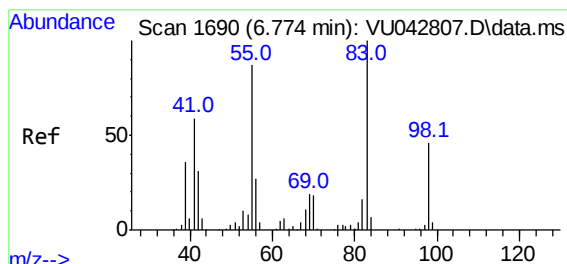
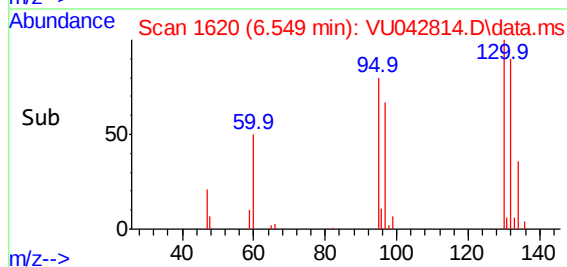
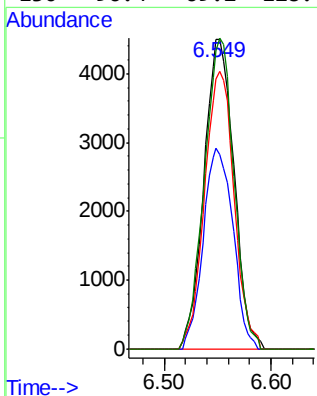
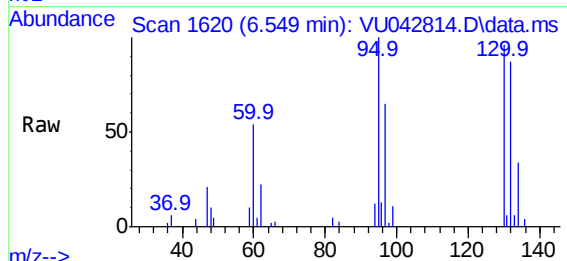


#34
Trichloroethene
Concen: 1.22 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Instrument :
MSVOA_U
ClientSampleId :
YAR35

Tgt Ion: 95 Resp: 8703

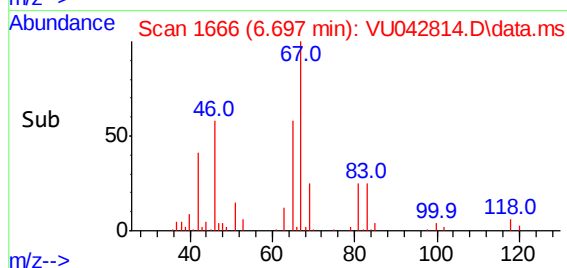
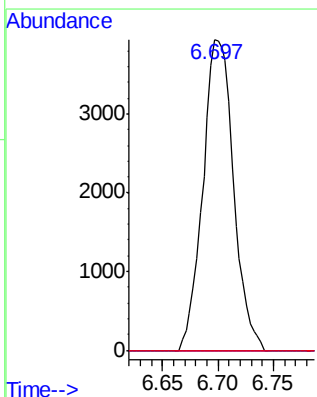
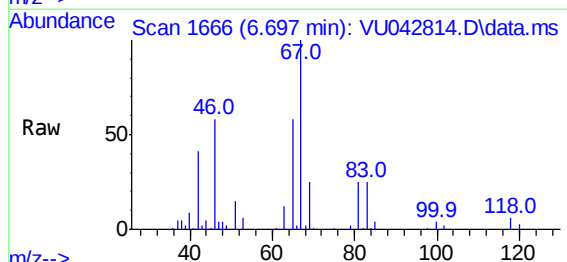
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	87.0	68.0	126.4
130	96.4	69.2	128.4

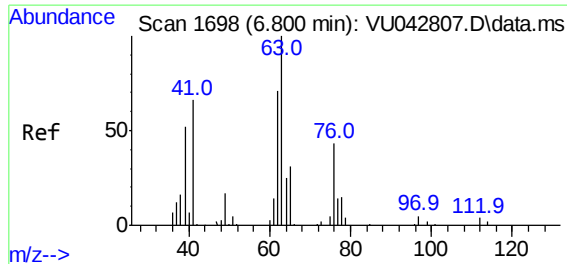


#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 83 Resp: 7565

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	11.3	39.7	59.5#

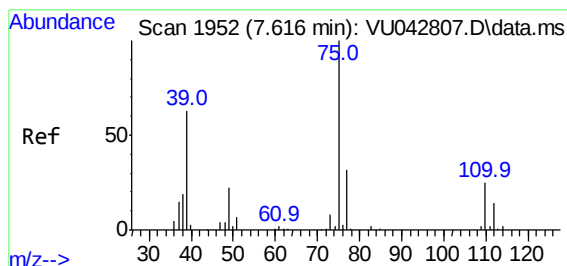
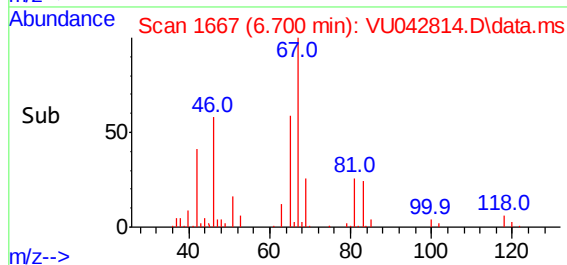
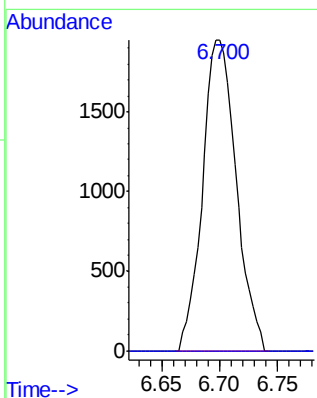
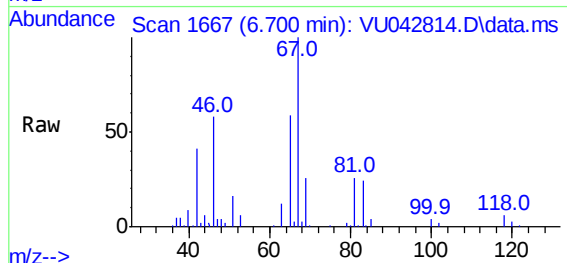




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

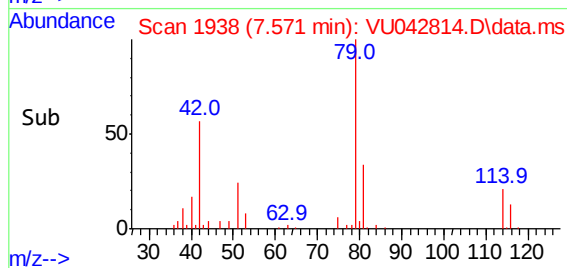
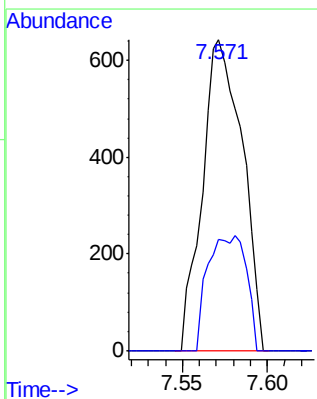
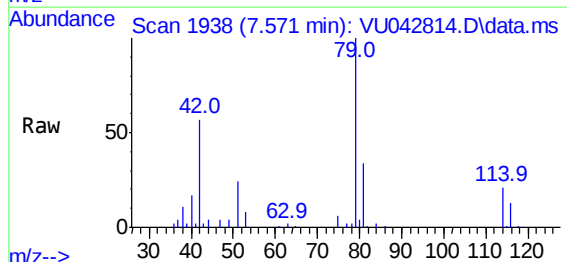
Instrument :
MSVOA_U
ClientSampled :
YAR35

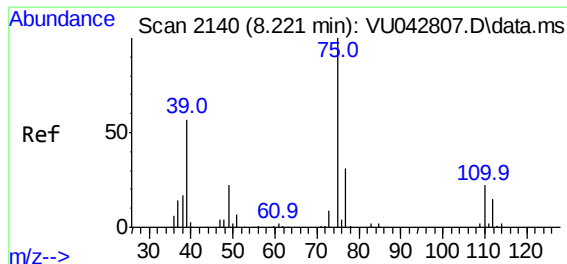
Tgt Ion: 63 Resp: 3936
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 35.6 22.0 40.8



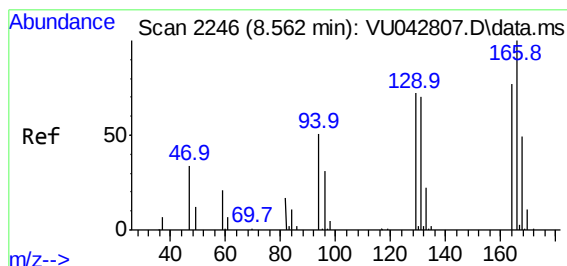
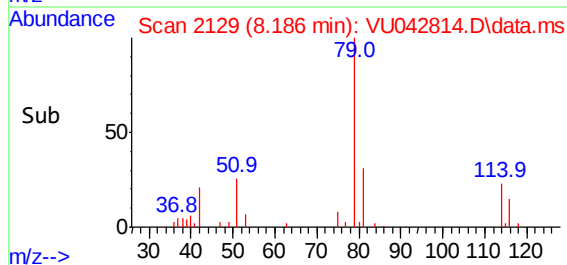
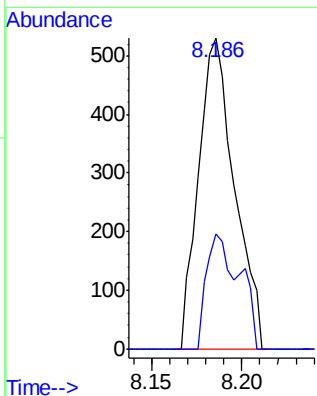
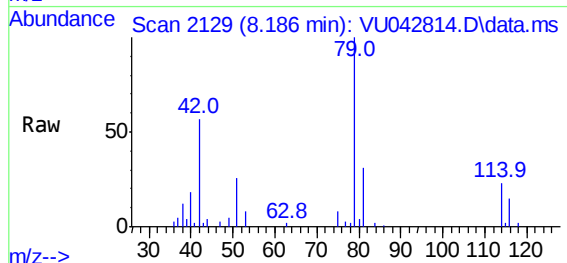


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Instrument :
MSVOA_U
ClientSampled :
YAR35

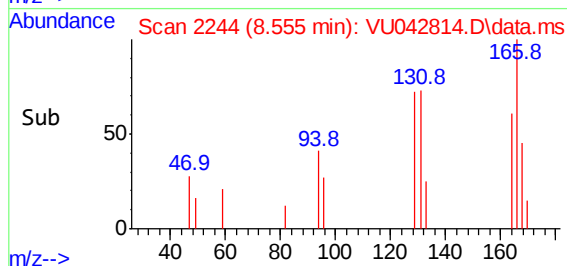
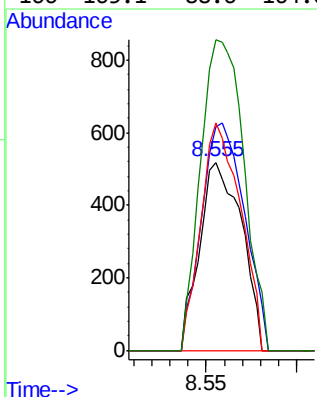
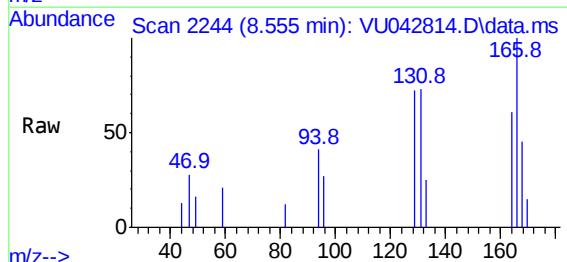
Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
77 37.2 21.8 40.4

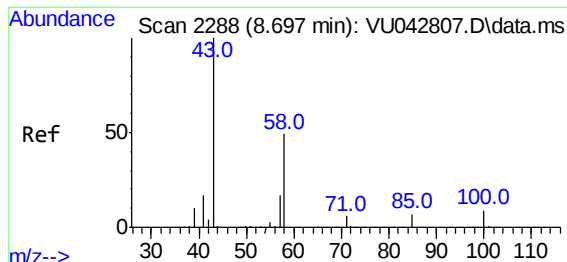


#47

Tetrachloroethene
Concen: 0.14 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.006 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 164 Resp: 835
Ion Ratio Lower Upper
164 100
129 118.9 64.3 119.5
131 120.6 62.2 115.6#
166 165.1 88.6 164.6#

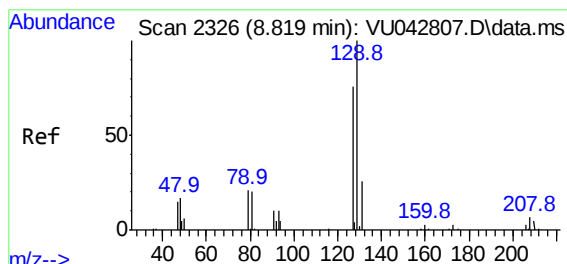
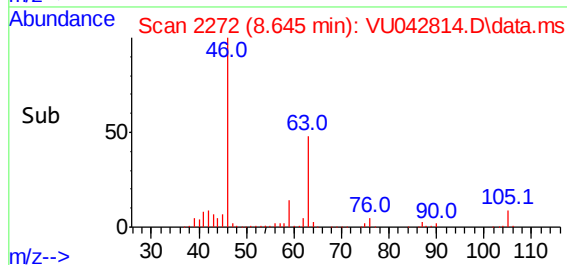
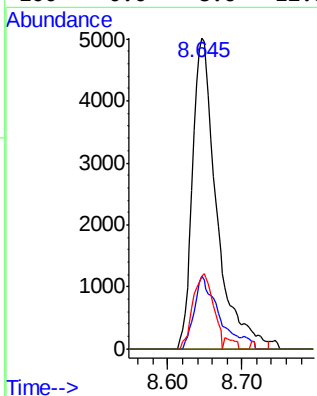
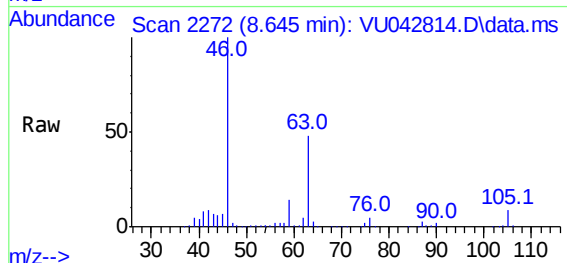




#48
2-Hexanone
Concen: 2.52 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

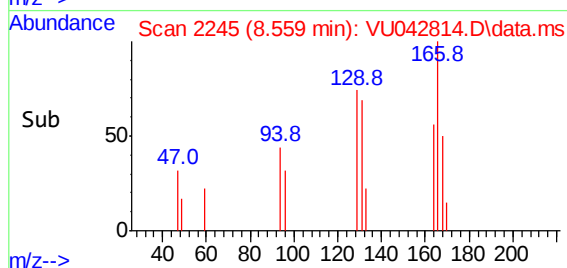
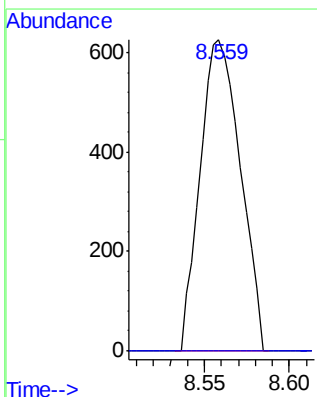
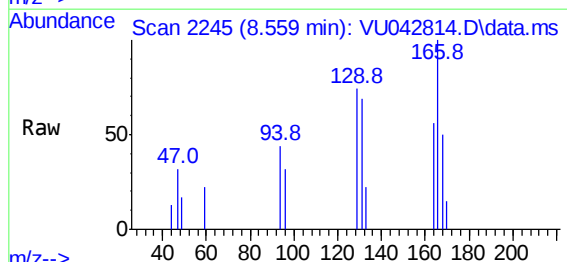
Instrument :
MSVOA_U
ClientSampleId :
YAR35

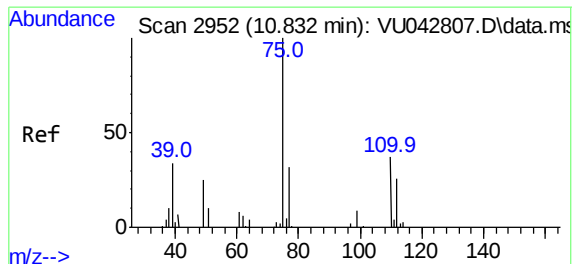
Tgt Ion:	43	Resp:	11311
Ion	Ratio	Lower	Upper
43	100		
58	23.0	40.6	61.0#
57	20.3	14.9	22.3
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 0.16 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042814.D
Acq: 29 Mar 2021 14:14

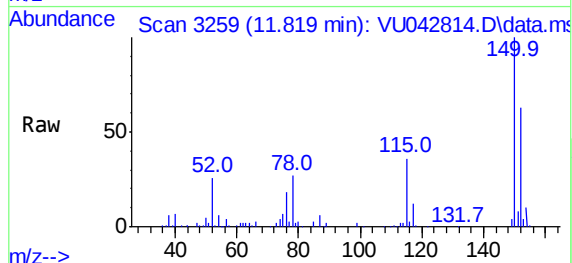
Tgt Ion:	129	Resp:	1034
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.93 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042814.D
 Acq: 29 Mar 2021 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR35



Tgt Ion: 75 Resp: 4872
 Ion Ratio Lower Upper
 75 100
 77 41.5 26.0 39.0#

