

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042636.D
 Acq On : 13 Mar 2021 02:24
 Operator : SY/MD
 Sample : M1676-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD6

Quant Time: Mar 13 06:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

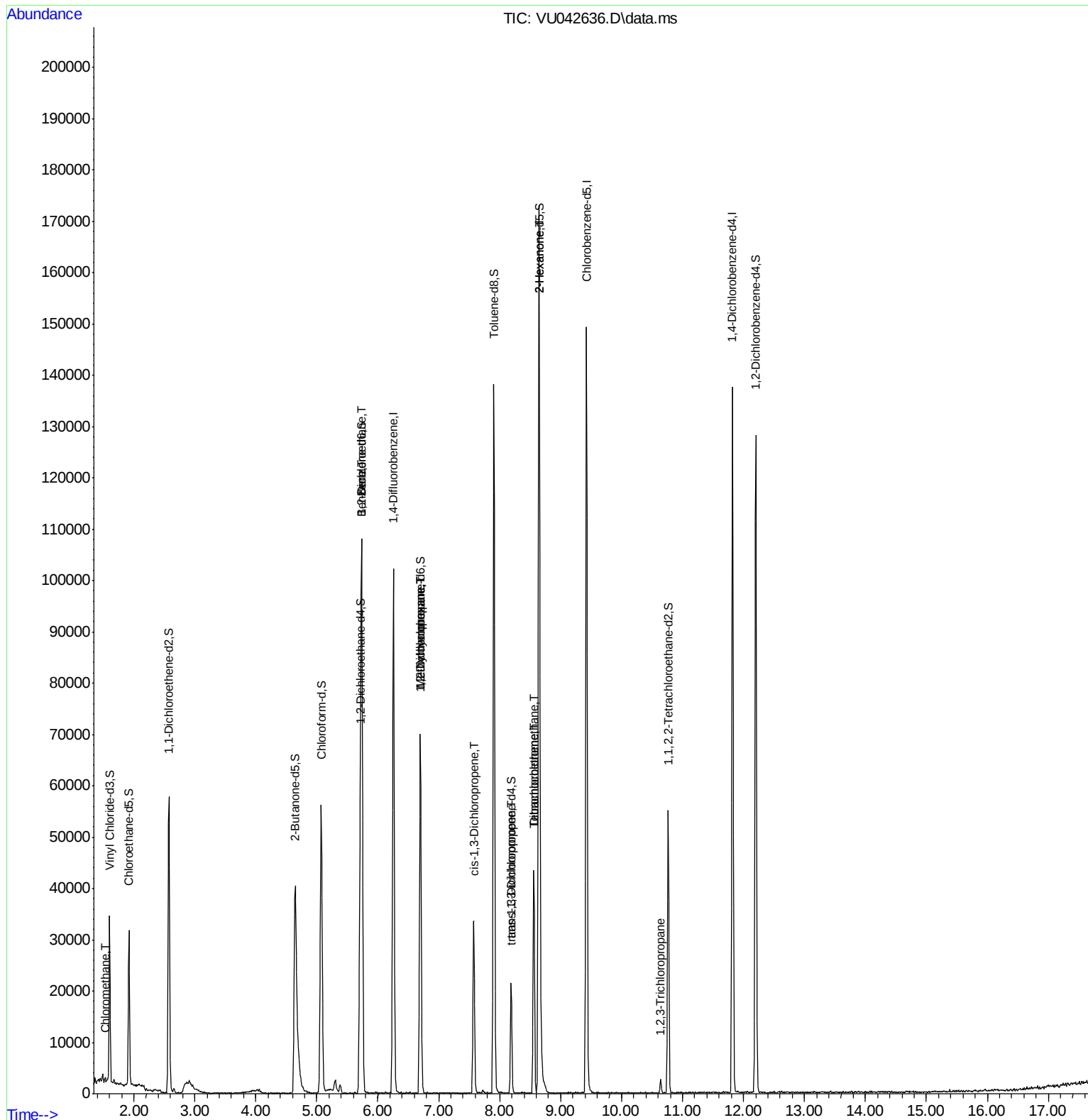
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78883	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33963	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22012	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.919	69	19791	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.572	63	36077	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.645	46	84964	49.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	5.073	84	49481	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	33396	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.735	84	89529	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	29751	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.906	98	83580	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.189	79	11022	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.645	63	60131	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25434	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	32025	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
3) Chloromethane	1.523	50	329	0.05	ug/L #	78
27) 1,2-Dichloroethane	5.729	62	557	0.06	ug/L #	75
33) Benzene	5.739	78	874	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	7090	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3720	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	832	0.09	ug/L #	63
44) trans-1,3-Dichloropropene	8.192	75	598	0.07	ug/L	91
47) Tetrachloroethene	8.562	164	9602	1.78	ug/L	97
48) 2-Hexanone	8.645	43	9675	2.33	ug/L #	73
49) Dibromochloromethane	8.558	129	8572	1.44	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	622	0.13	ug/L #	42

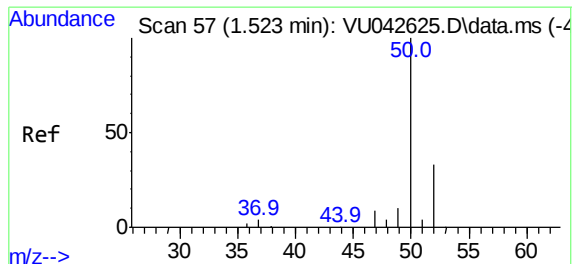
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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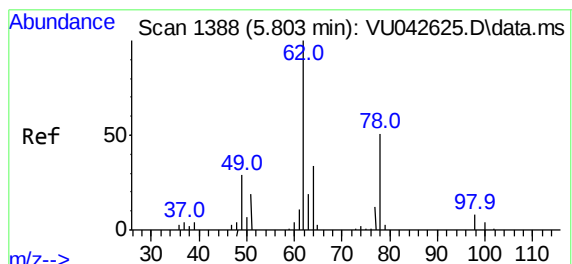
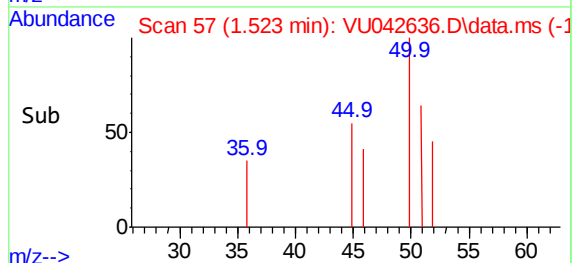
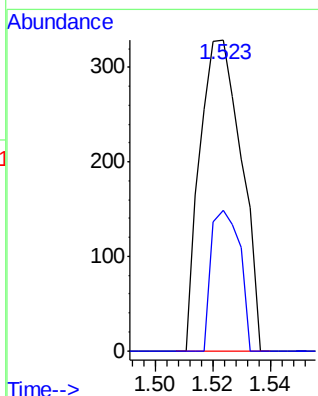
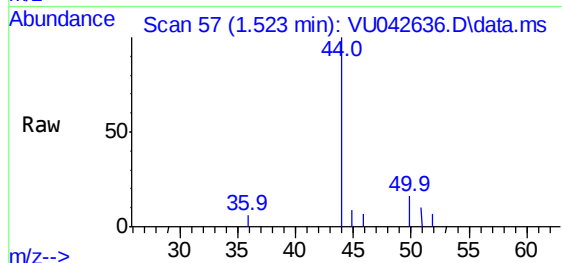




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

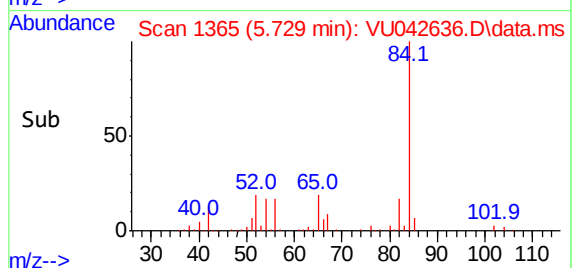
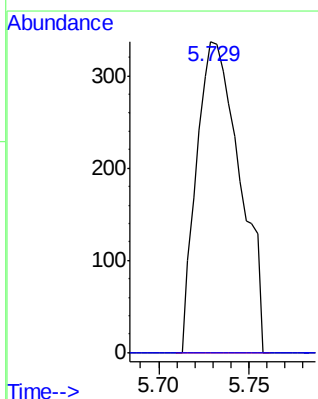
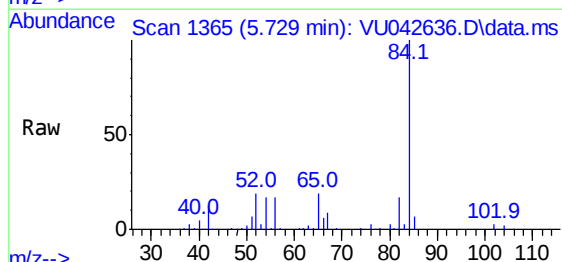
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

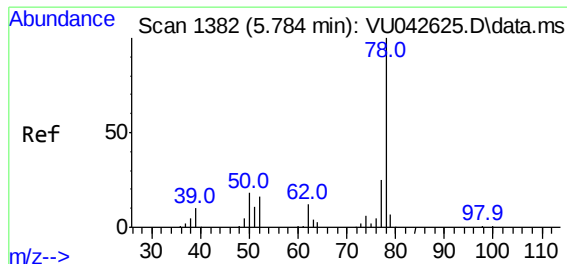
Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 45.3 23.0 42.8#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

Tgt Ion: 62 Resp: 557
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

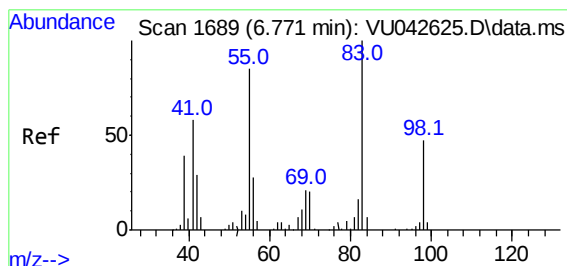
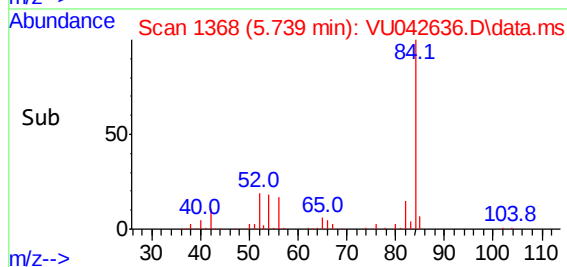
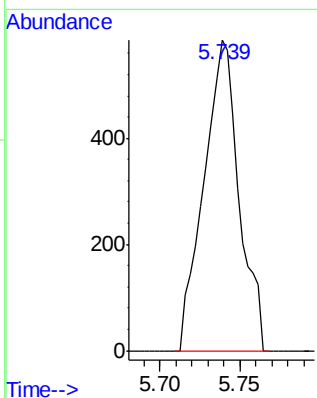
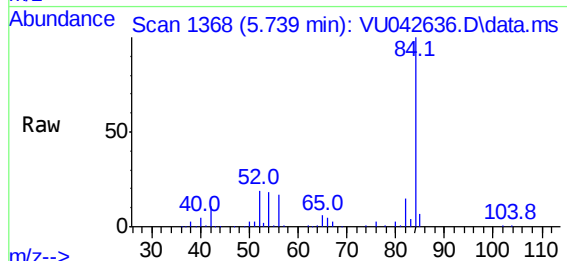




#33
Benzene
Concen: 0.04 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

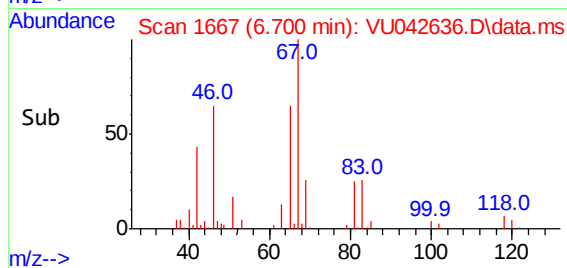
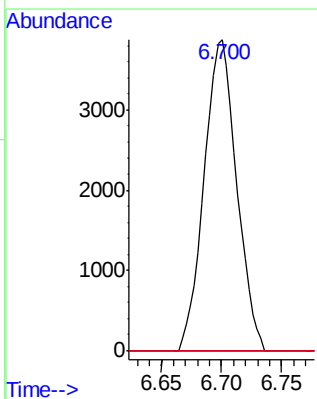
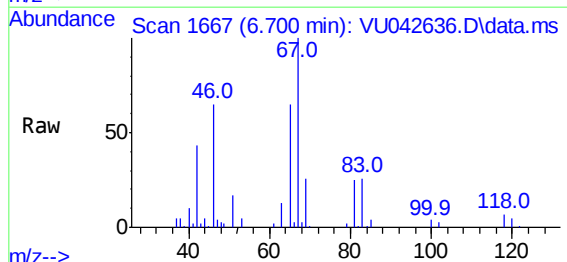
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

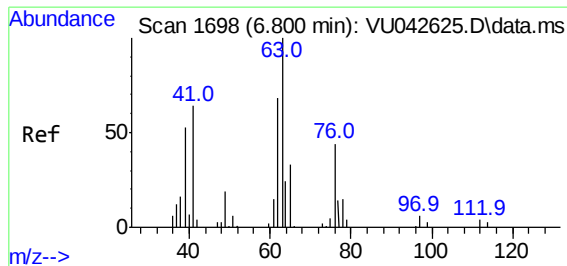
Tgt Ion: 78 Resp: 874



#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

Tgt Ion: 83 Resp: 7090
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

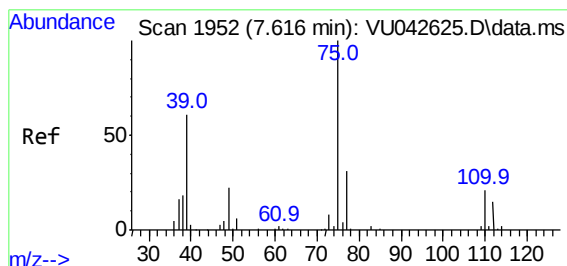
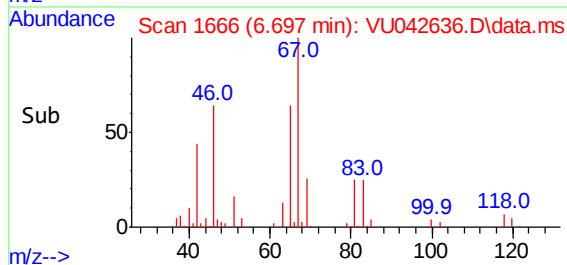
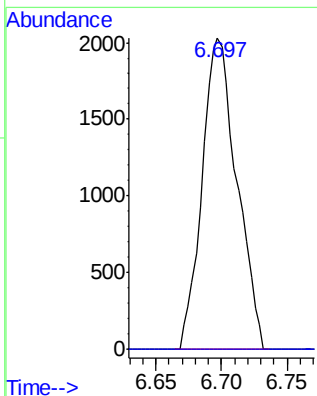
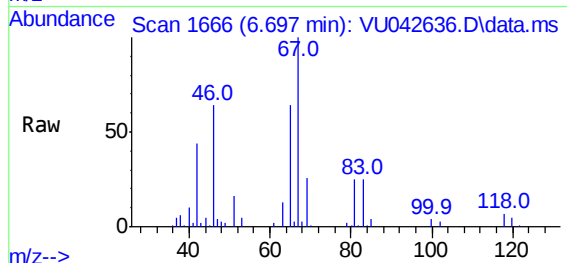




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

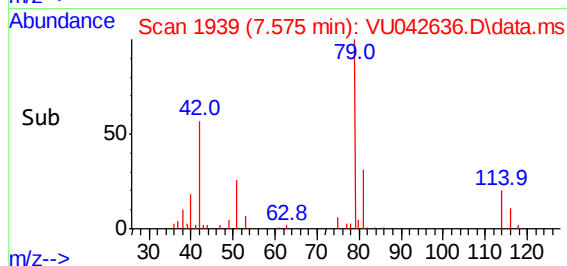
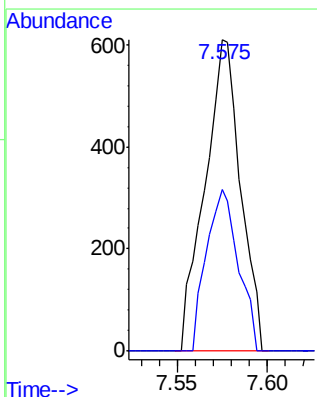
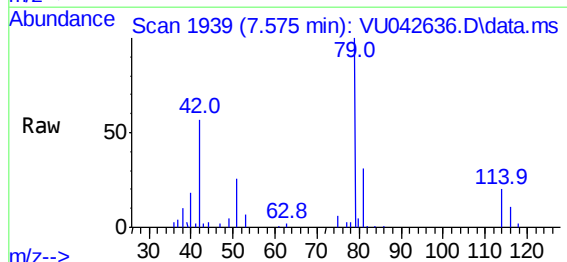
Instrument :
MSVOA_U
ClientSampleId :
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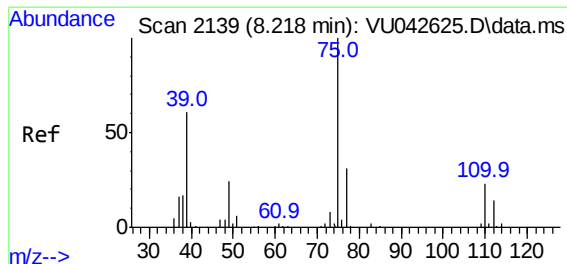
Tgt Ion: 63 Resp: 3720
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

Tgt Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
77 51.9 22.0 40.8#



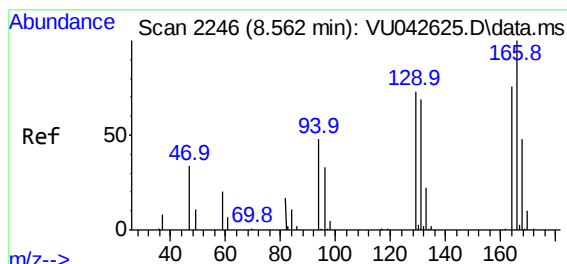
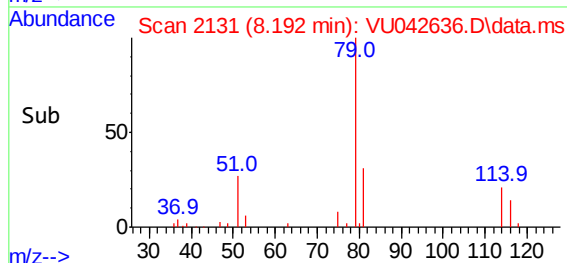
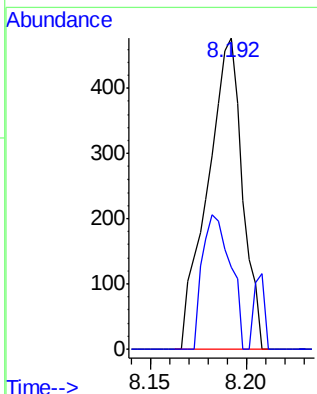
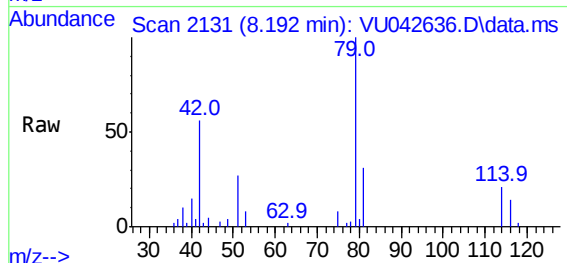


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

Instrument :
MSVOA_U
ClientSampled :
C0AD6

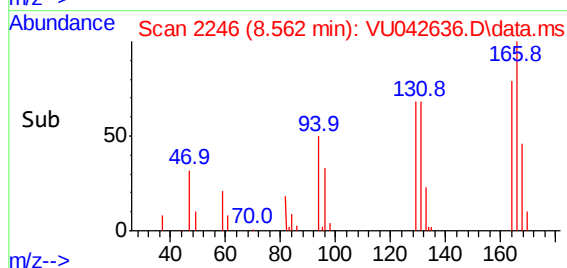
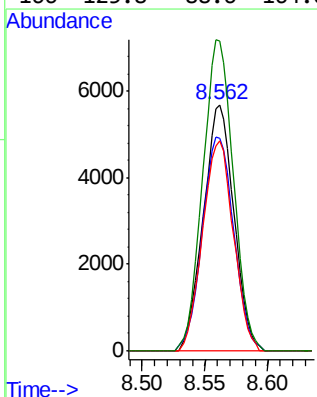
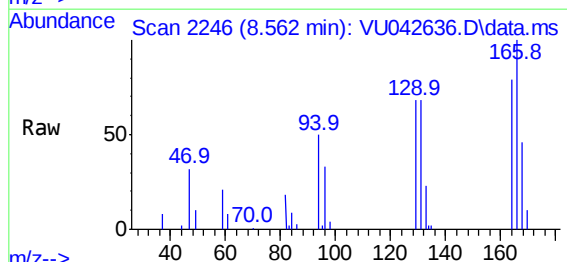
Tgt Ion: 75 Resp: 598
Ion Ratio Lower Upper
75 100
77 26.2 21.8 40.4

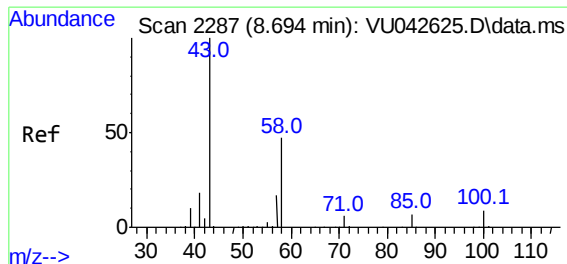


#47

Tetrachloroethene
Concen: 1.78 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

Tgt Ion: 164 Resp: 9602
Ion Ratio Lower Upper
164 100
129 86.1 64.3 119.5
131 85.4 62.2 115.6
166 125.8 88.6 164.6

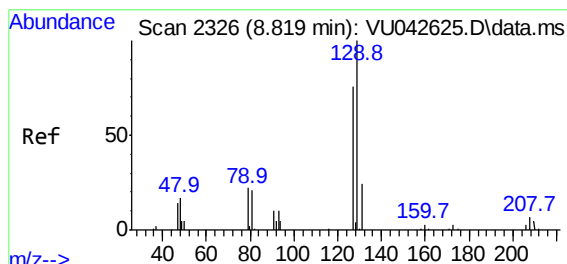
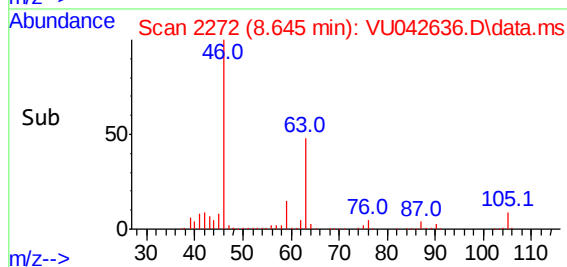
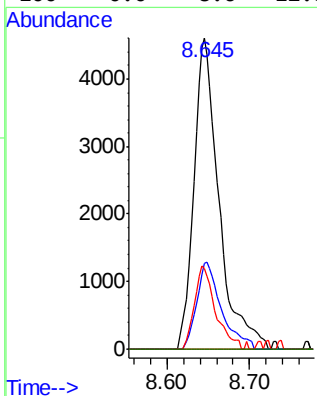
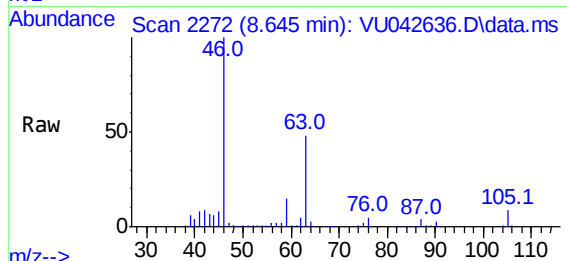




#48
2-Hexanone
Concen: 2.33 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

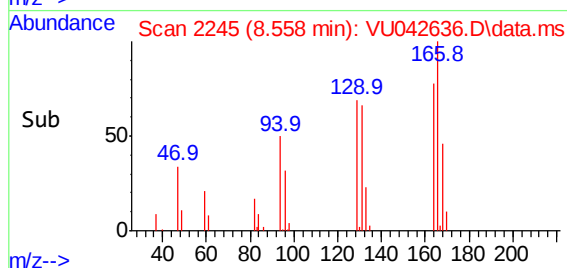
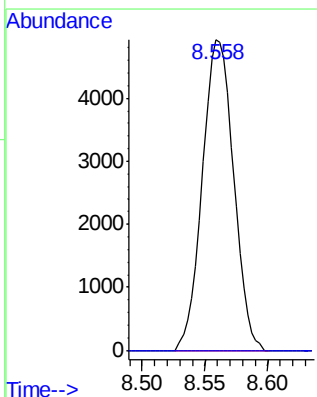
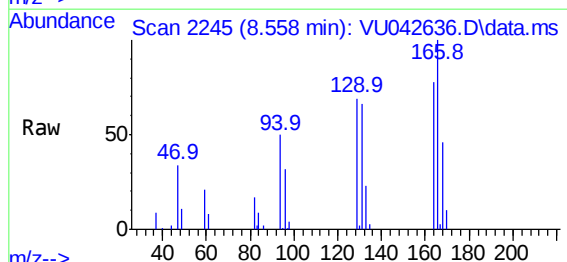
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ClientSampleId :
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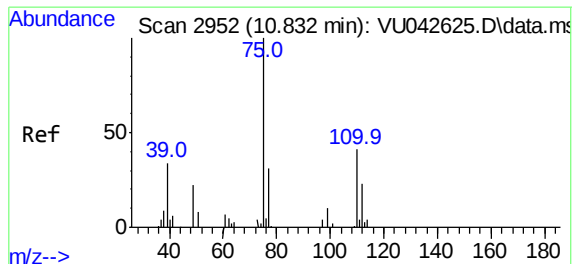
Tgt Ion: 43 Resp: 9675
Ion Ratio Lower Upper
43 100
58 27.6 40.6 61.0#
57 22.6 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 1.44 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042636.D
Acq: 13 Mar 2021 02:24

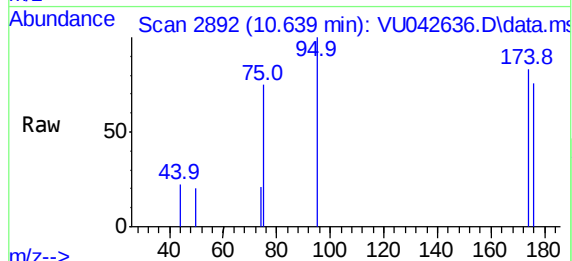
Tgt Ion: 129 Resp: 8572
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042636.D
 Acq: 13 Mar 2021 02:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD6



Tgt Ion: 75 Resp: 622
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

