

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042649.D
 Acq On : 13 Mar 2021 07:37
 Operator : SY/MD
 Sample : M1676-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9

Quant Time: Mar 13 07:56:52 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)

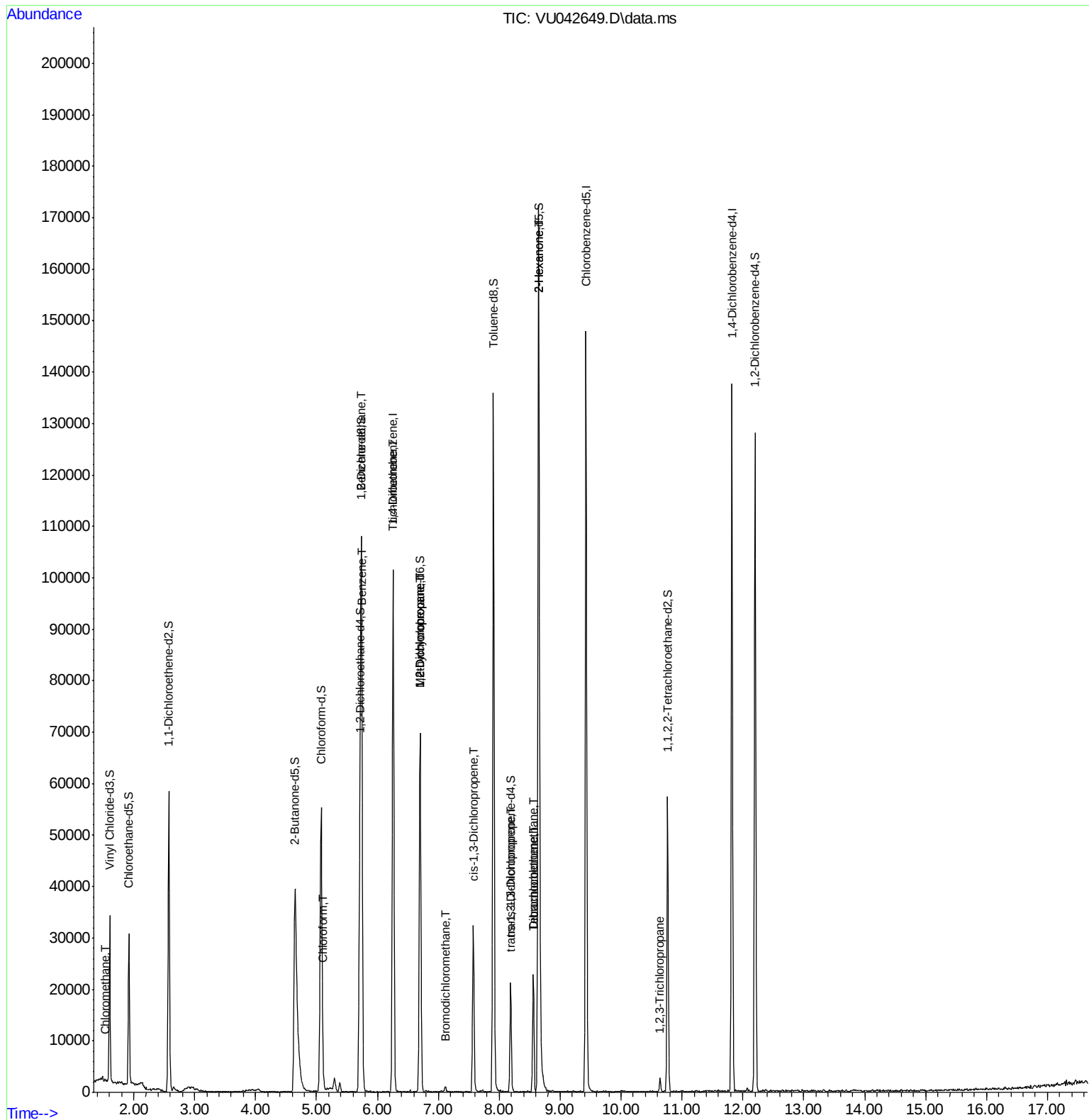
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34478	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21852	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.919	69	19384	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.575	63	35276	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.649	46	89955	52.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	5.073	84	48930	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	33257	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.735	84	87888	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	30637	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	83219	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.189	79	10932	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.645	63	60761	45.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25773	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32174	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						
3) Chloromethane	1.523	50	444	0.06	ug/L	83
25) Chloroform	5.099	83	3017	0.26	ug/L	95
27) 1,2-Dichloroethane	5.732	62	507	0.06	ug/L #	75
33) Benzene	5.745	78	665	0.03	ug/L	100
34) Trichloroethene	6.260	95	1265	0.19	ug/L #	5
35) Methylcyclohexane	6.700	83	6439	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3652	0.57	ug/L #	87
38) Bromodichloromethane	7.118	83	910	0.11	ug/L #	92
39) cis-1,3-Dichloropropene	7.575	75	888	0.10	ug/L #	74
44) trans-1,3-Dichloropropene	8.182	75	501	0.06	ug/L #	80
47) Tetrachloroethene	8.562	164	5047	0.95	ug/L	94
48) 2-Hexanone	8.648	43	9611	2.35	ug/L #	72
49) Dibromochloromethane	8.558	129	4516	0.77	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	702	0.15	ug/L #	42

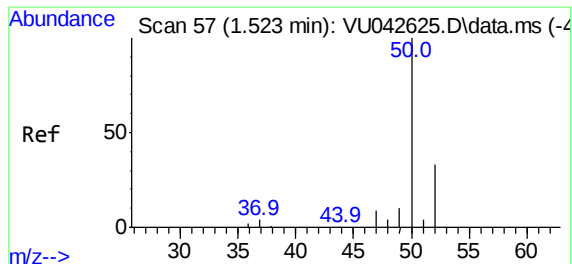
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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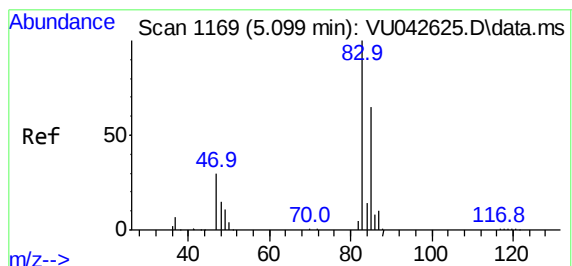
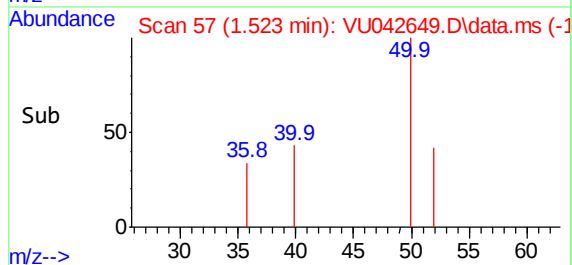
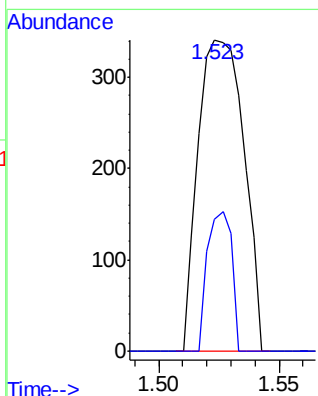
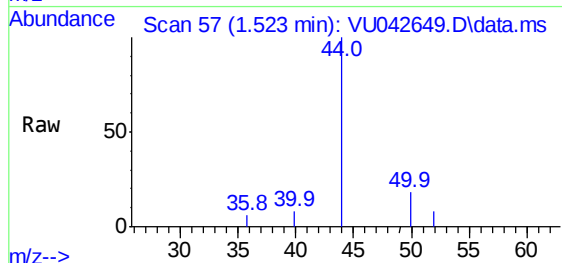




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

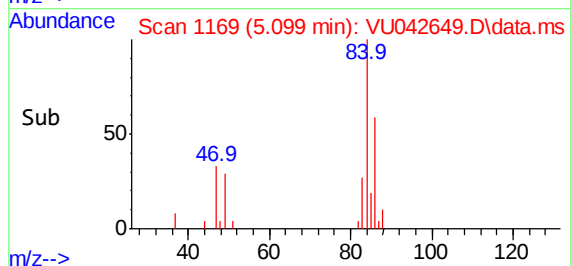
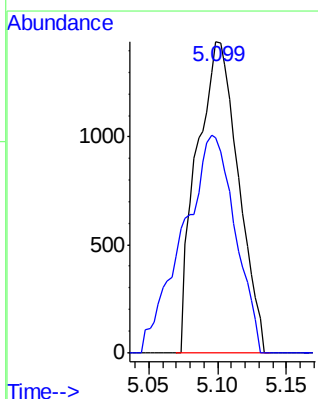
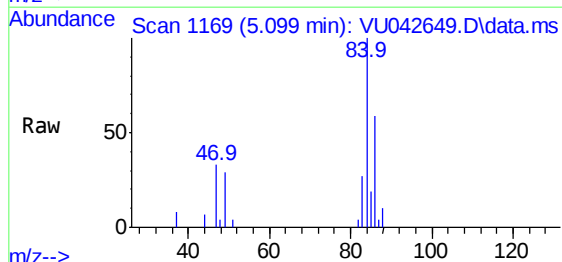
Instrument :
MSVOA_U
ClientSampled :
C0AE9

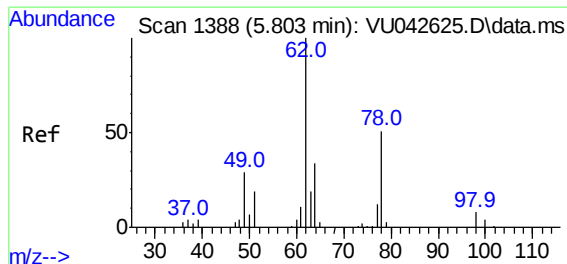
Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 42.2 23.0 42.8



#25
Chloroform
Concen: 0.26 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 83 Resp: 3017
Ion Ratio Lower Upper
83 100
85 68.9 45.7 84.9

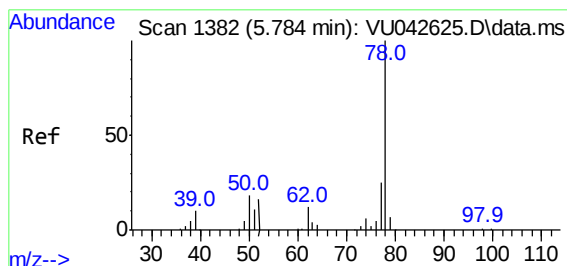
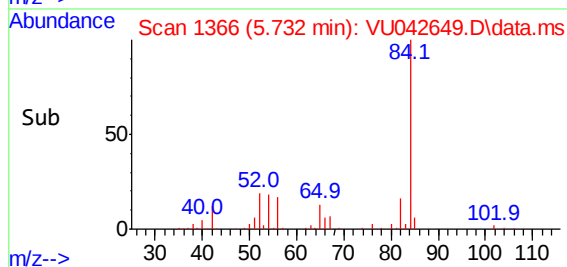
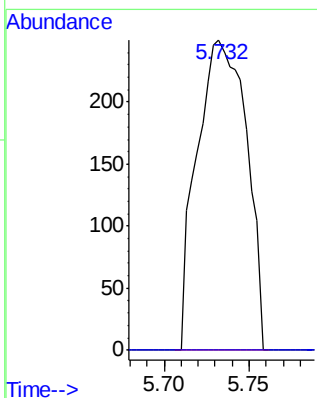
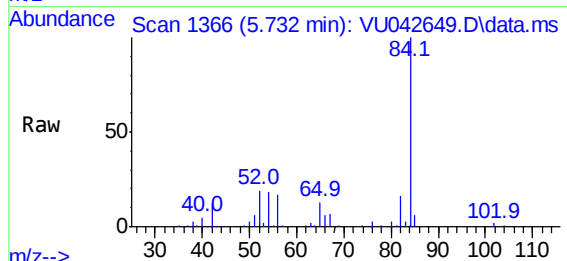




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

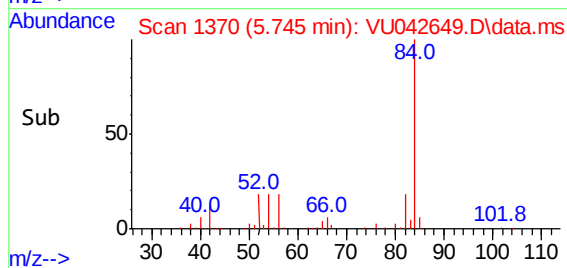
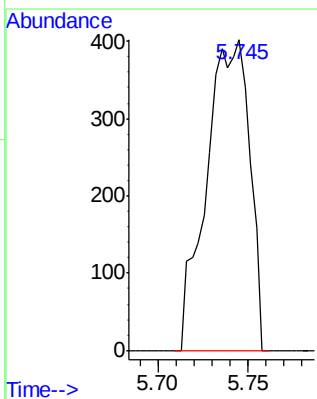
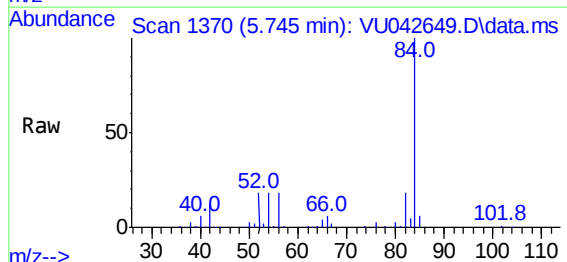
Instrument :
MSVOA_U
ClientSampled :
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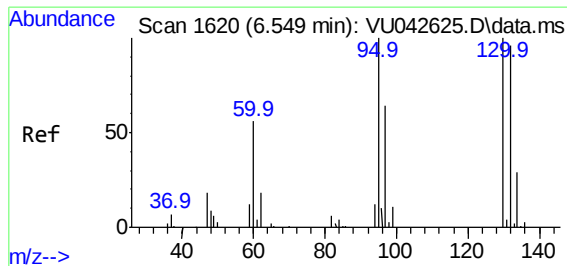
Tgt Ion: 62 Resp: 507
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 78 Resp: 665

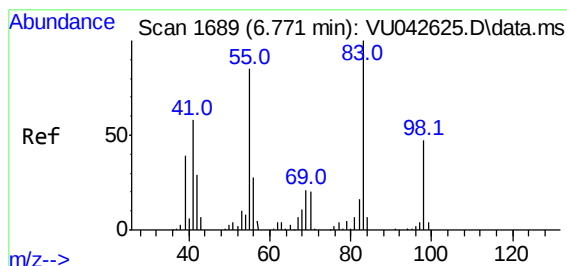
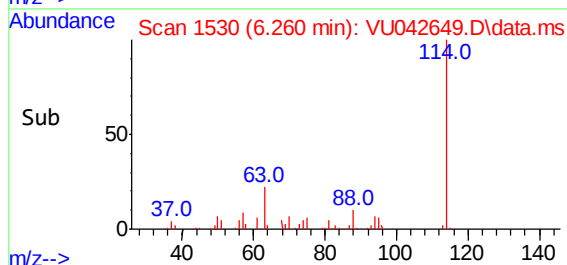
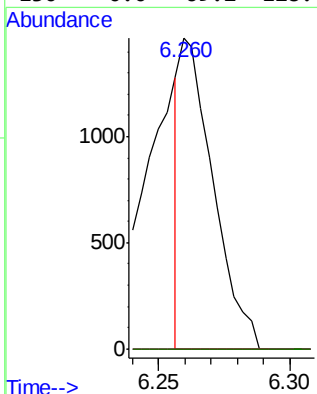
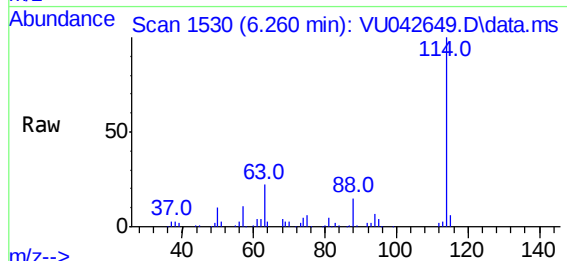




#34
Trichloroethene
Concen: 0.19 ug/L
RT: 6.260 min Scan# 1530
Delta R.T. -0.289 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

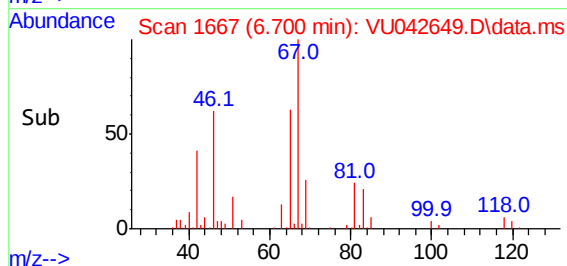
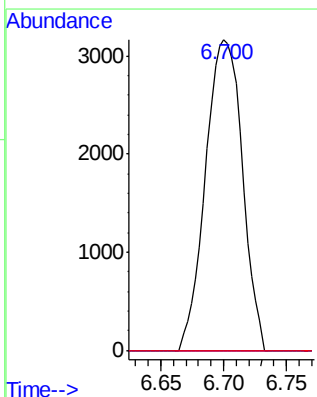
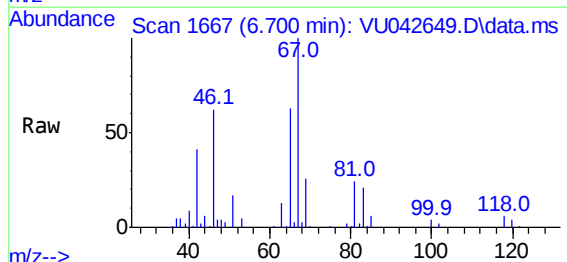
Instrument :
MSVOA_U
ClientSampleId :
C0AE9

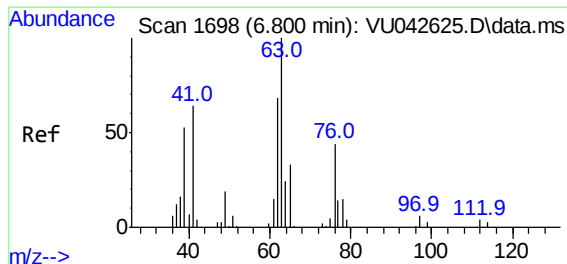
Tgt Ion: 95 Resp: 1265
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 68.0 126.4#
130 0.0 69.2 128.4#



#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 83 Resp: 6439
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

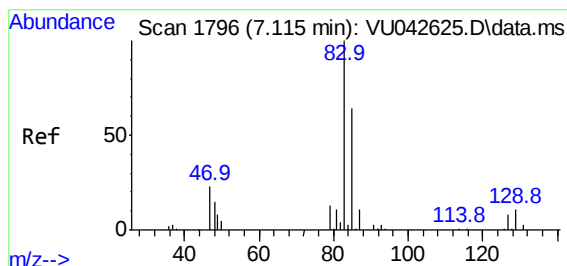
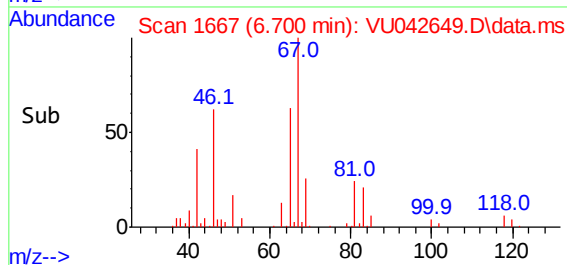
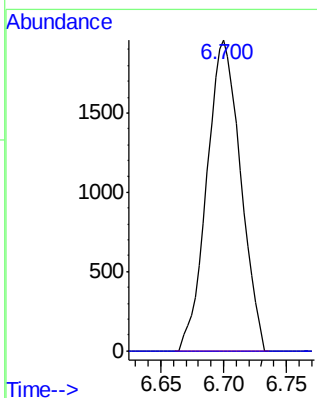
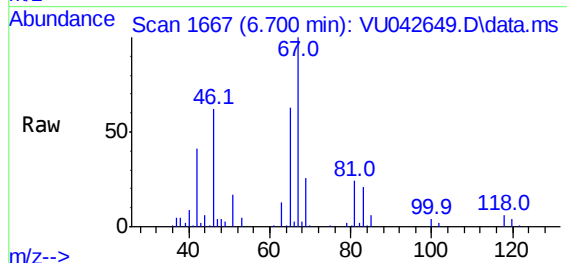




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

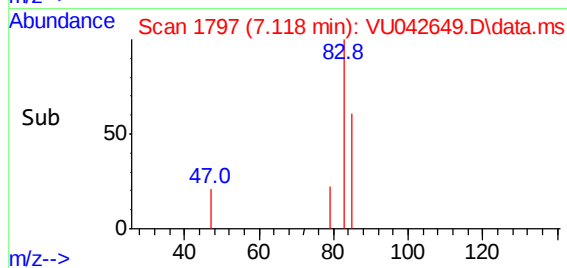
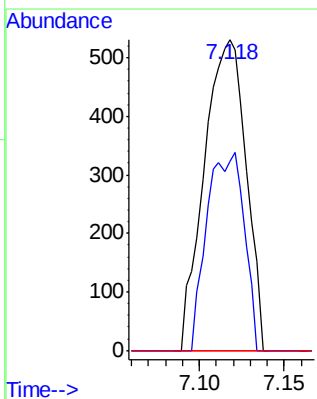
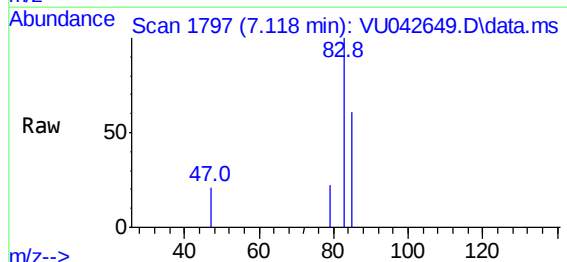
Instrument :
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ClientSampleId :
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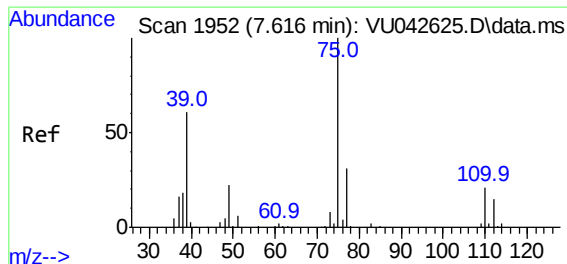
Tgt Ion: 63 Resp: 3652
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.11 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 83 Resp: 910
Ion Ratio Lower Upper
83 100
85 61.0 46.0 85.4
127 0.0 6.8 10.2#

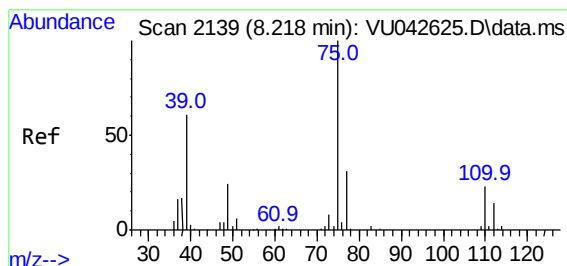
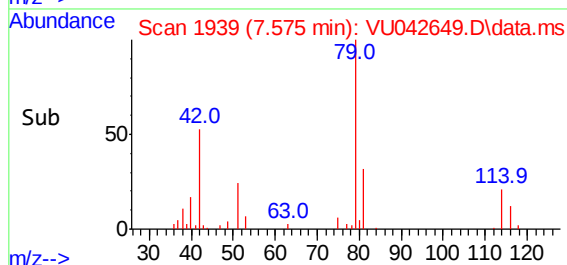
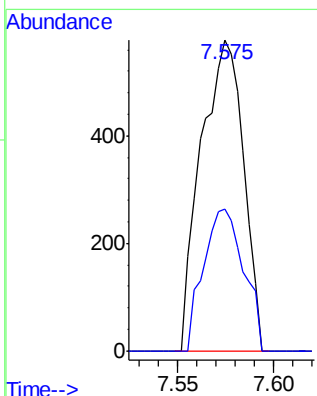
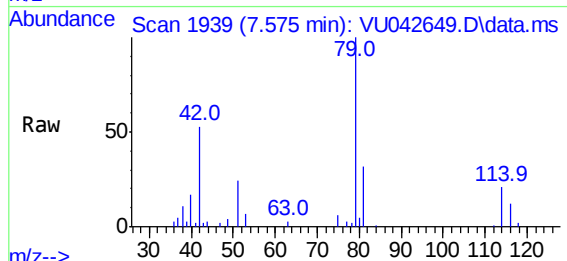




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

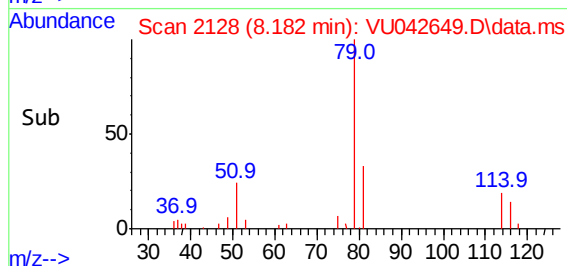
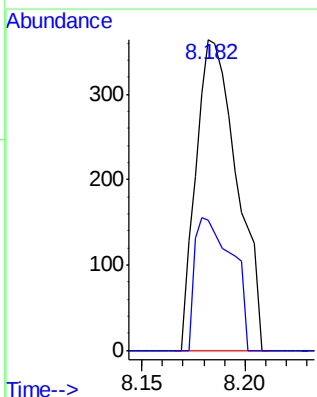
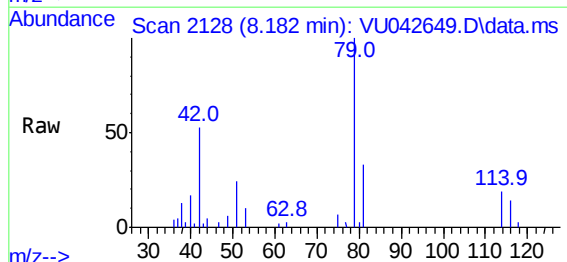
Instrument :
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C0AE9

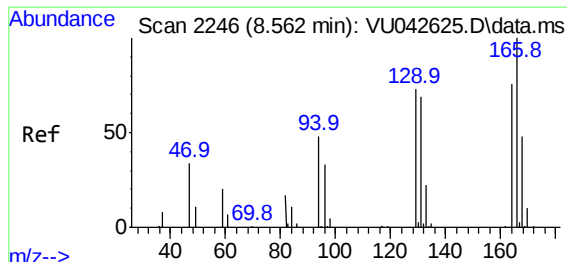
Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
77 45.8 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 75 Resp: 501
Ion Ratio Lower Upper
75 100
77 42.0 21.8 40.4#



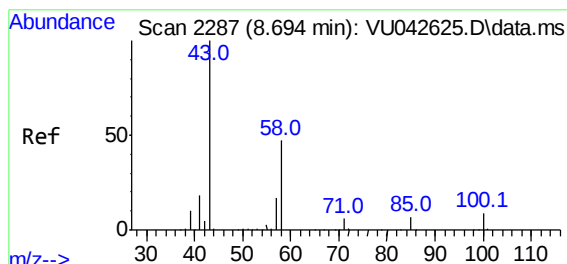
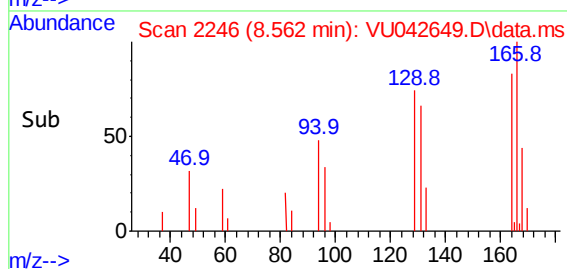
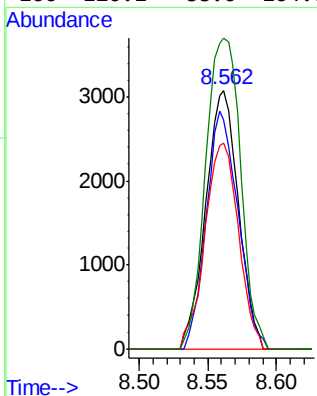
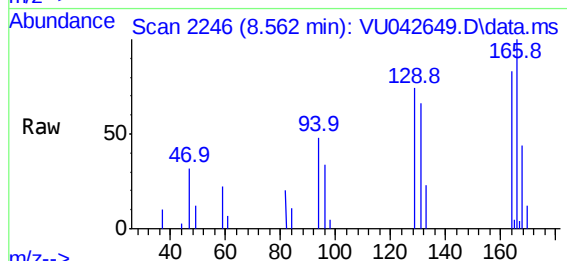


#47
Tetrachloroethene
Concen: 0.95 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Instrument :
MSVOA_U
ClientSampled :
C0AE9

Tgt Ion:164 Resp: 5047

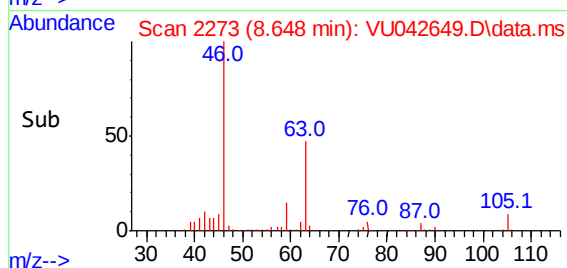
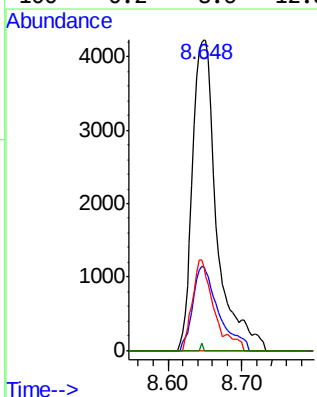
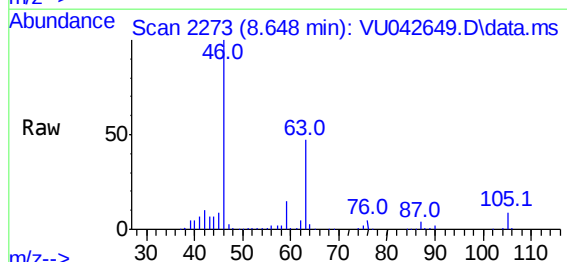
Ion	Ratio	Lower	Upper
164	100		
129	88.3	64.3	119.5
131	79.7	62.2	115.6
166	120.1	88.6	164.6

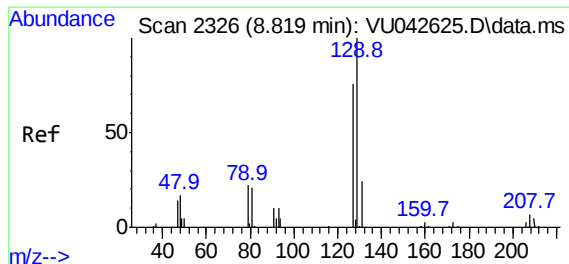


#48
2-Hexanone
Concen: 2.35 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 43 Resp: 9611

Ion	Ratio	Lower	Upper
43	100		
58	28.6	40.6	61.0#
57	25.9	14.9	22.3#
100	0.2	8.6	12.8#

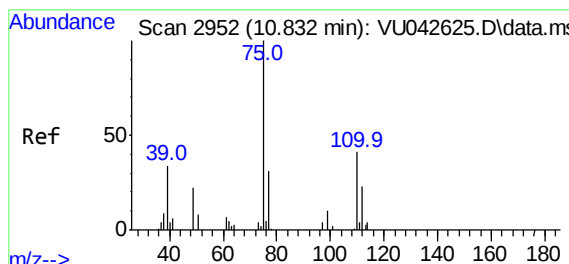
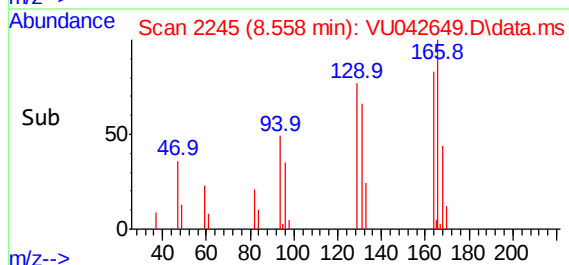
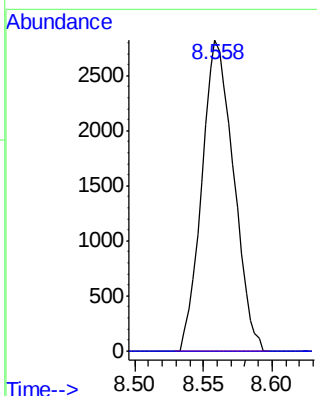
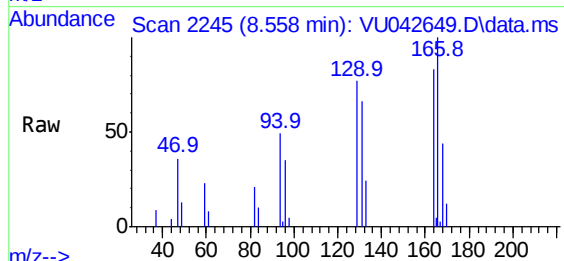




#49
Dibromochloromethane
Concen: 0.77 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Instrument :
MSVOA_U
ClientSampled :
C0AE9

Tgt Ion:129 Resp: 4516
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.15 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042649.D
Acq: 13 Mar 2021 07:37

Tgt Ion: 75 Resp: 702
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

