

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042643.D
 Acq On : 13 Mar 2021 05:13
 Operator : SY/MD
 Sample : M1676-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE3

Quant Time: Mar 13 06:46:52 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	75164	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	72768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	30548	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21354	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	18652	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.575	63	38128	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.652	46	68998	41.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.88%
24) Chloroform-d	5.076	84	48473	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	32754	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.735	84	86604	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	29162	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	80325	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.185	79	10850	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	59386	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24672	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	28873	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

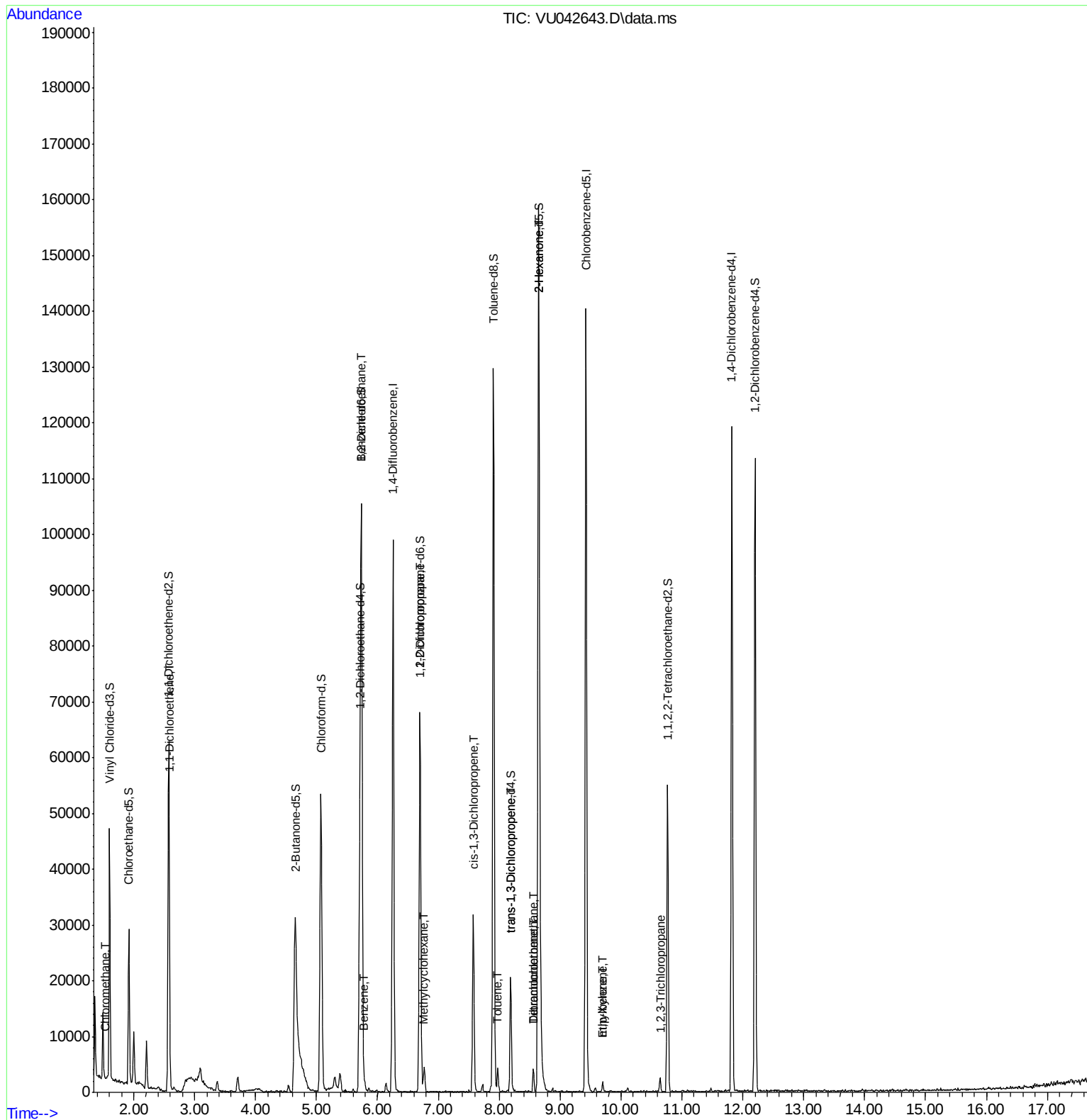
Target Compounds						Qvalue
3) Chloromethane	1.523	50	352	0.05	ug/L	91
12) 1,1-Dichloroethene	2.581	96	431	0.08	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	713	0.08	ug/L #	75
33) Benzene	5.780	78	1108	0.05	ug/L	100
35) Methylcyclohexane	6.767	83	1459	0.15	ug/L	98
37) 1,2-Dichloropropane	6.697	63	3518	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	807	0.09	ug/L #	64
42) Toluene	7.973	91	2953	0.12	ug/L	84
44) trans-1,3-Dichloropropene	8.185	75	560	0.07	ug/L #	59
47) Tetrachloroethene	8.562	164	978	0.19	ug/L	87
48) 2-Hexanone	8.645	43	9466	2.39	ug/L #	70
49) Dibromochloromethane	8.558	129	846	0.15	ug/L #	12
52) Ethylbenzene	9.703	91	1358	0.05	ug/L	96
53) m,p-Xylene	9.697	106	499	0.05	ug/L	77
59) 1,2,3-Trichloropropane	10.642	75	581	0.13	ug/L #	42

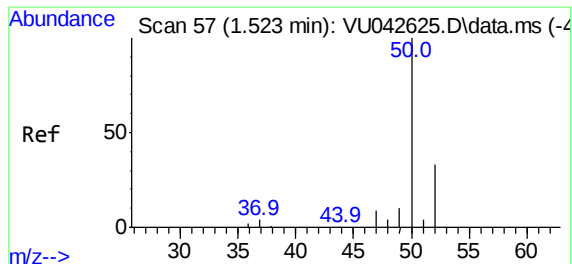
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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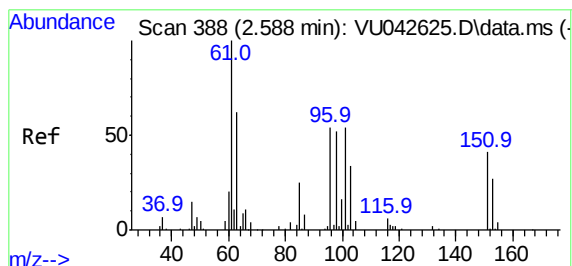
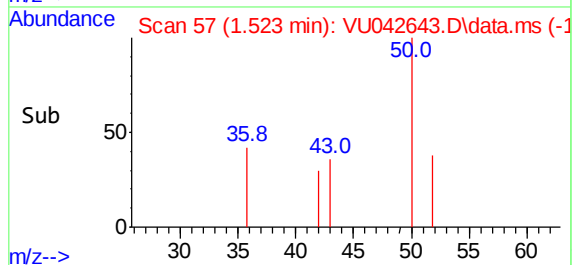
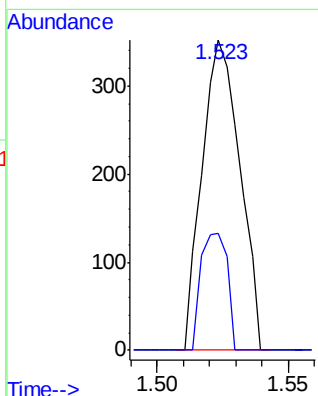
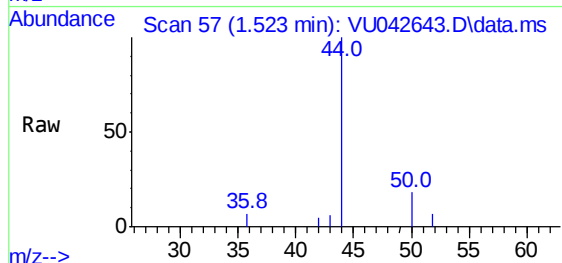




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

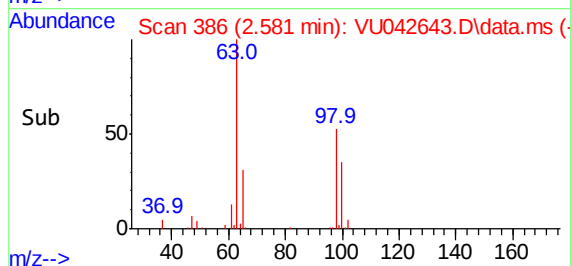
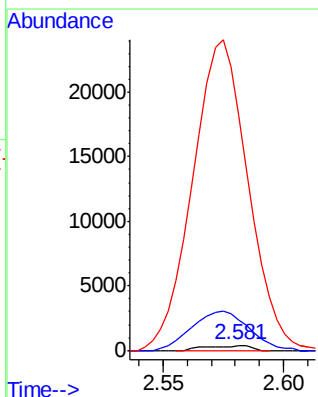
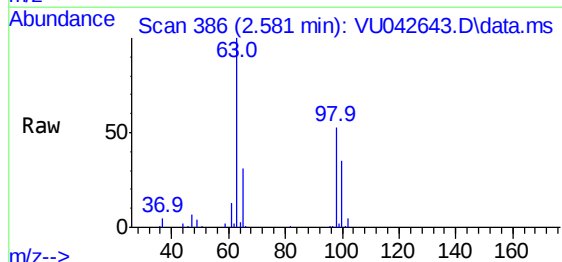
Instrument :
MSVOA_U
ClientSampleId :
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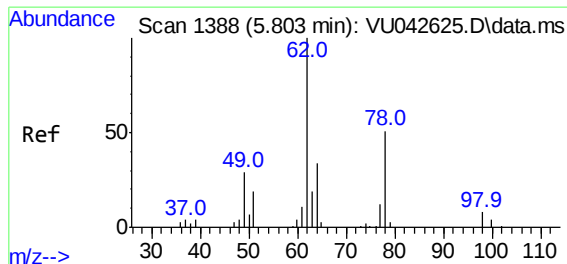
Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 37.8 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 96 Resp: 431
Ion Ratio Lower Upper
96 100
61 598.8 126.2 234.4#
63 4538.7 77.8 144.4#

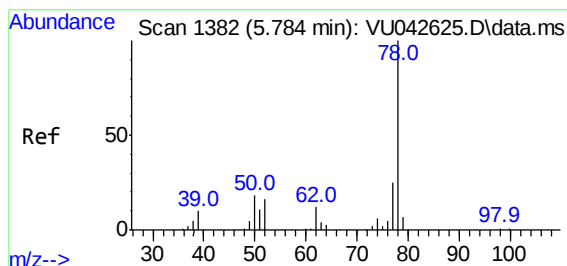
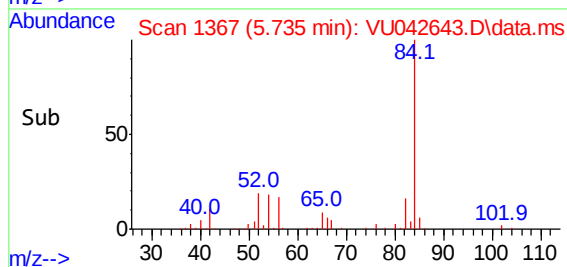
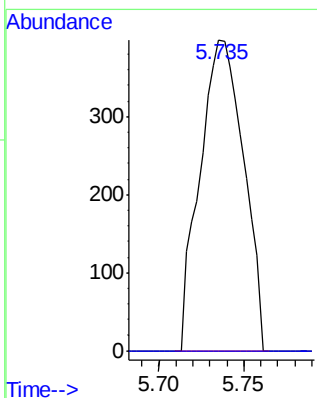
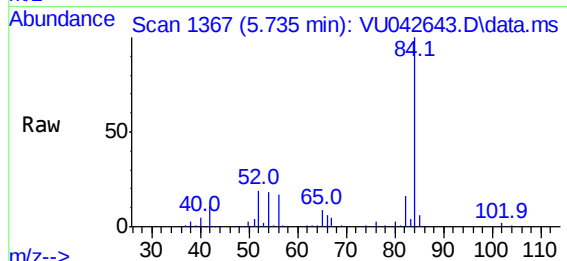




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

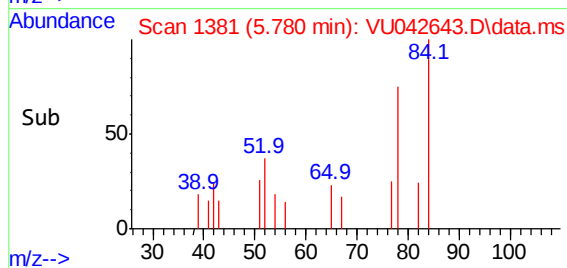
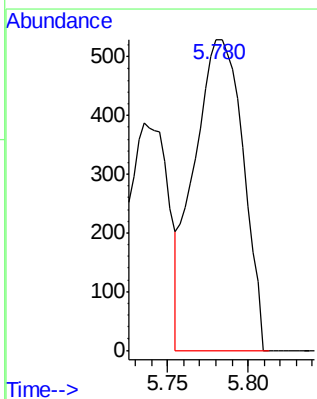
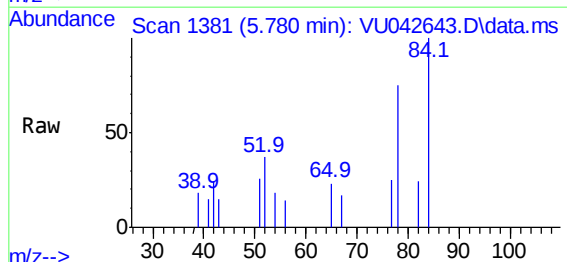
Instrument :
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ClientSampleId :
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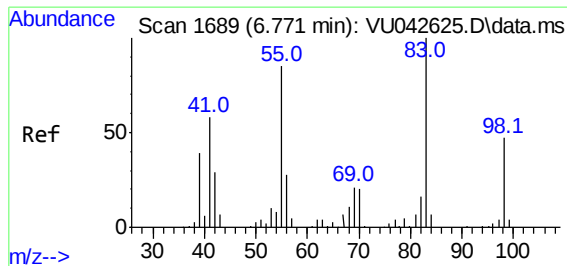
Tgt Ion: 62 Resp: 713
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.05 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 78 Resp: 1108

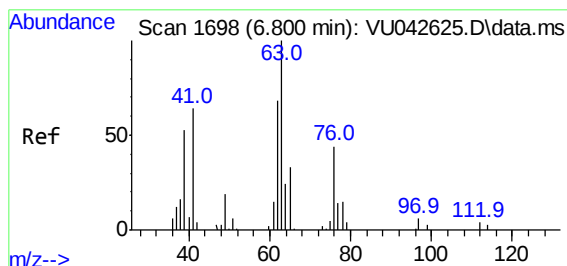
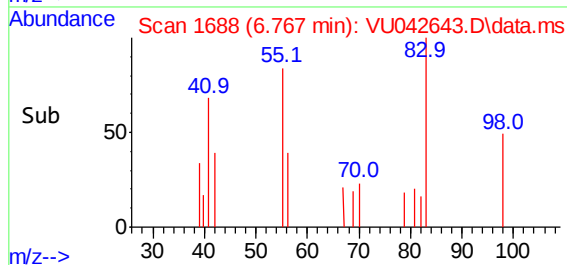
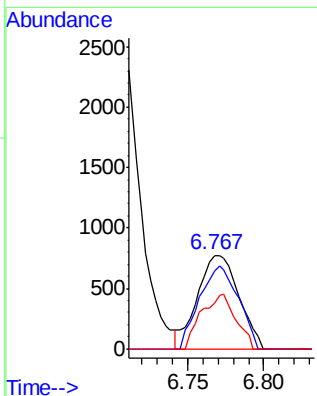
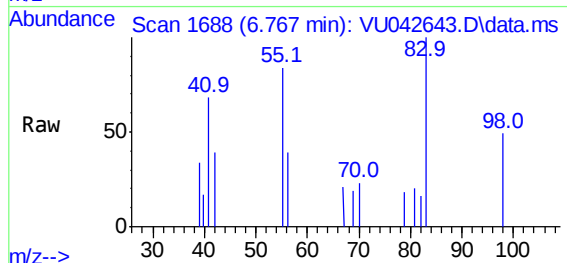




#35
Methylcyclohexane
Concen: 0.15 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

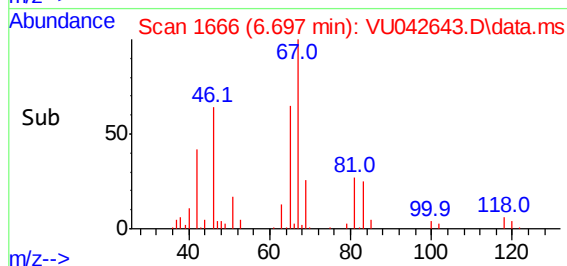
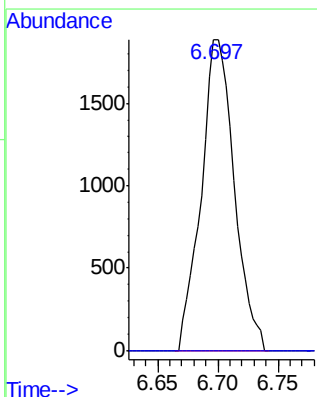
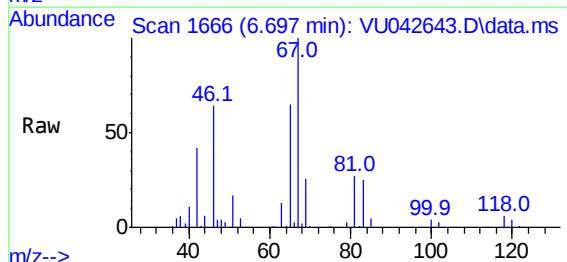
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ClientSampleId :
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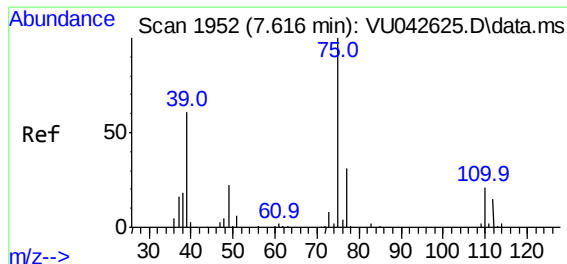
Tgt Ion: 83 Resp: 1459
Ion Ratio Lower Upper
83 100
55 83.4 68.2 102.4
98 48.7 39.7 59.5



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 63 Resp: 3518
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

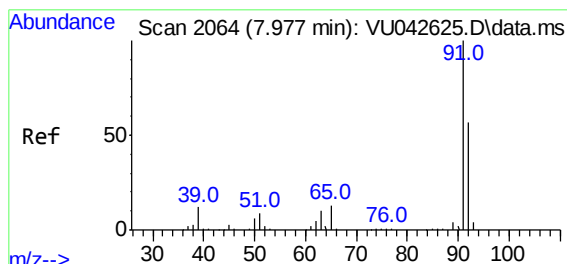
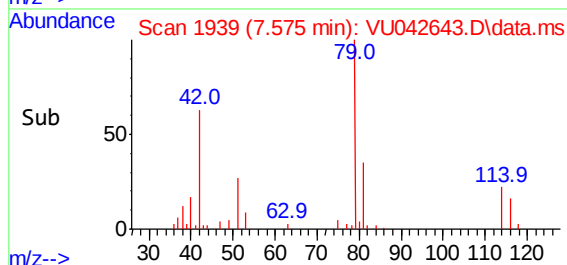
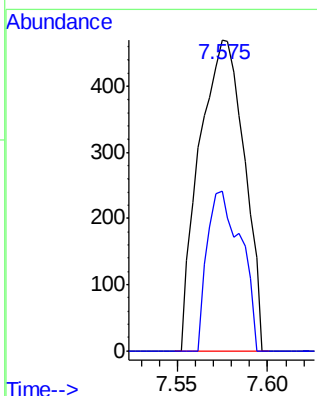
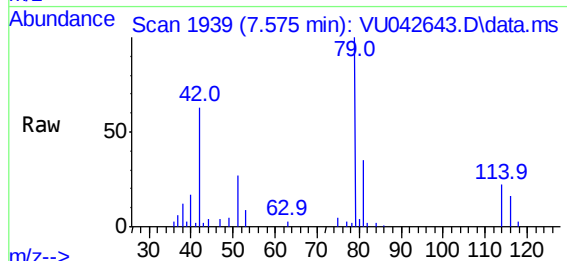




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

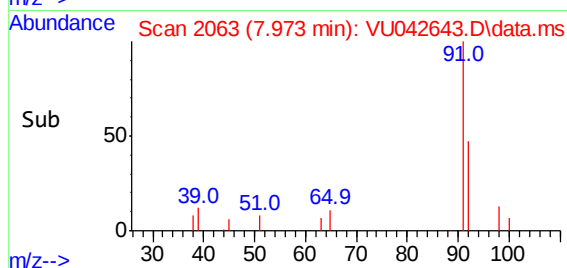
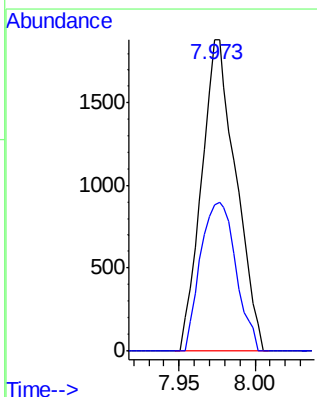
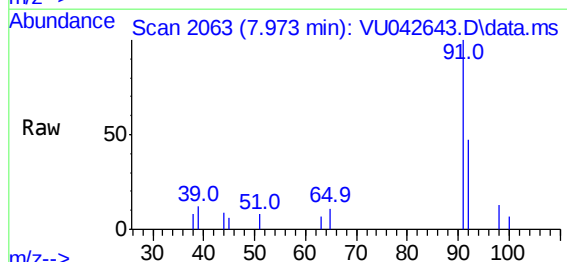
Instrument :
MSVOA_U
ClientSampled :
C0AE3

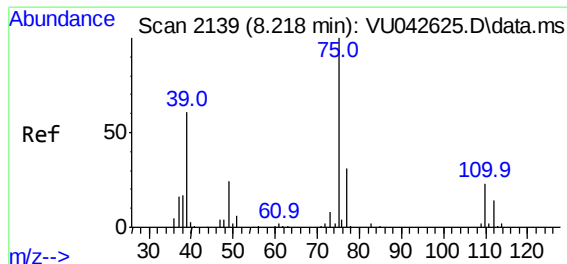
Tgt Ion: 75 Resp: 807
Ion Ratio Lower Upper
75 100
77 51.5 22.0 40.8#



#42
Toluene
Concen: 0.12 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 91 Resp: 2953
Ion Ratio Lower Upper
91 100
92 47.0 41.2 76.6



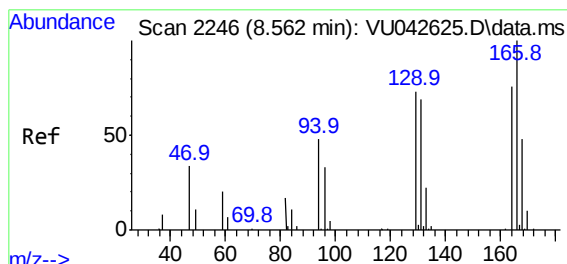
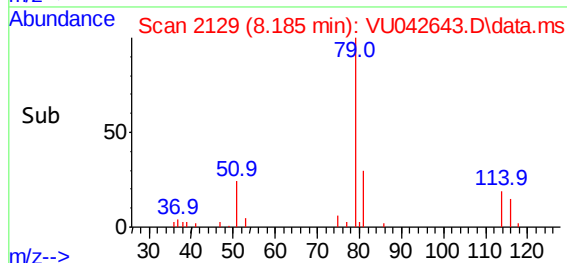
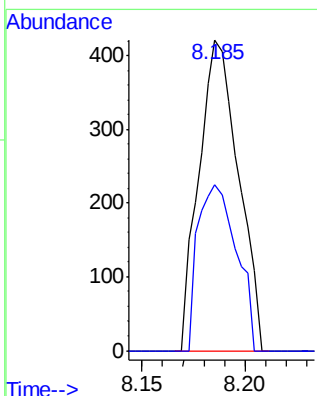
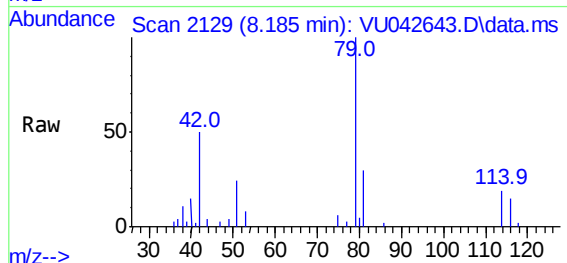


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Instrument :
MSVOA_U
ClientSampleId :
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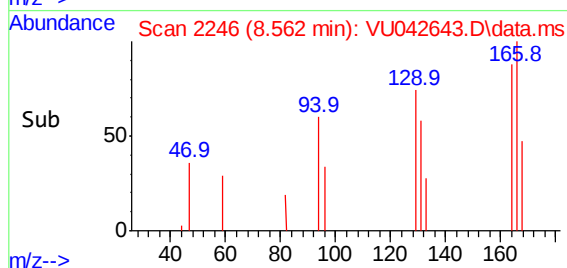
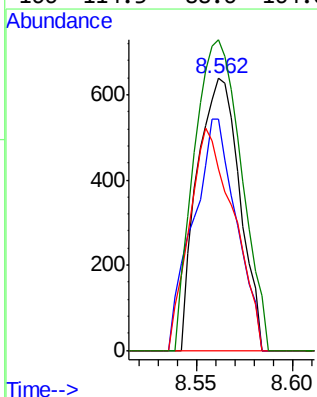
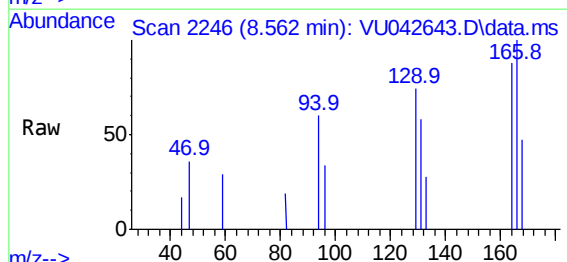
Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
77 53.4 21.8 40.4#

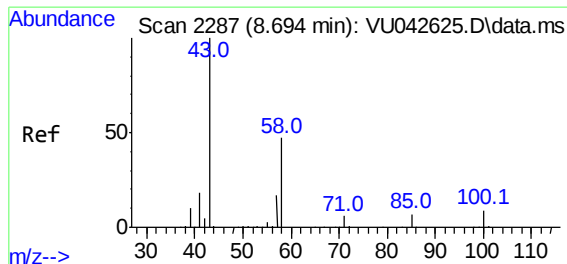


#47

Tetrachloroethene
Concen: 0.19 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 164 Resp: 978
Ion Ratio Lower Upper
164 100
129 85.0 64.3 119.5
131 66.6 62.2 115.6
166 114.3 88.6 164.6

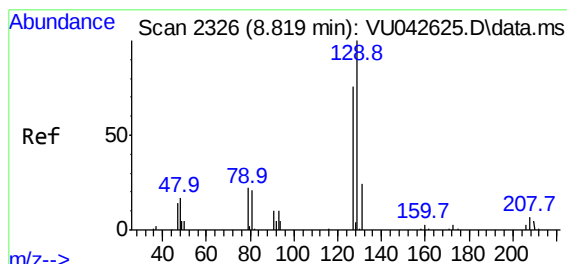
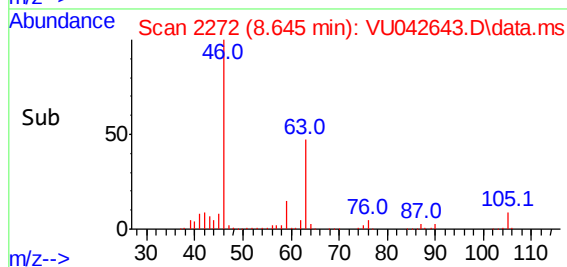
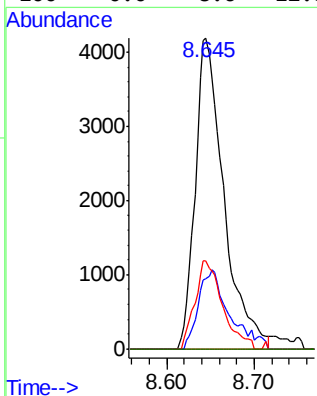
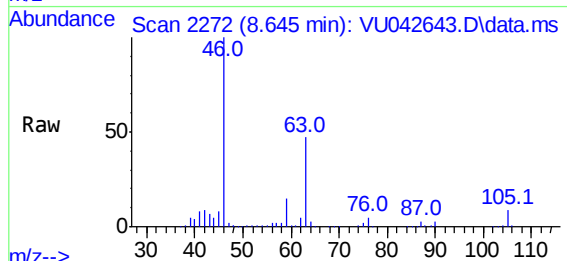




#48
2-Hexanone
Concen: 2.39 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

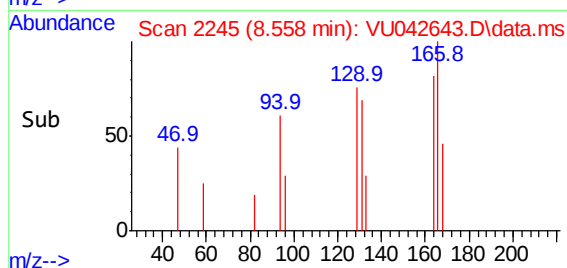
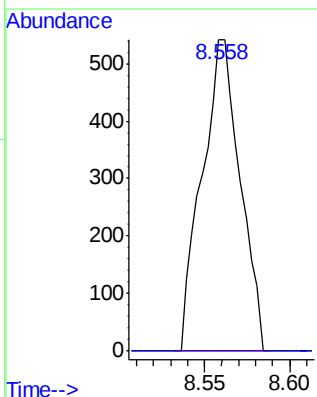
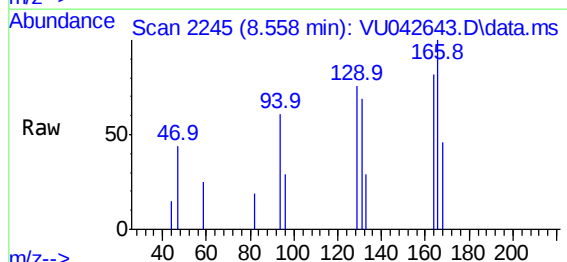
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MSVOA_U
ClientSampleId :
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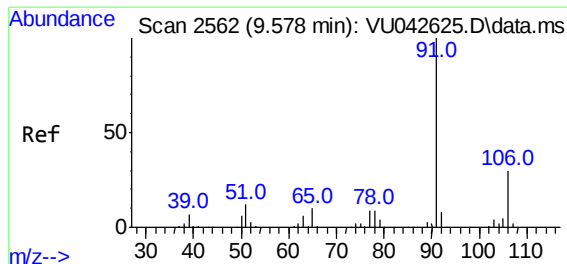
Tgt Ion: 43 Resp: 9466
Ion Ratio Lower Upper
43 100
58 26.8 40.6 61.0#
57 27.6 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.15 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

Tgt Ion: 129 Resp: 846
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#

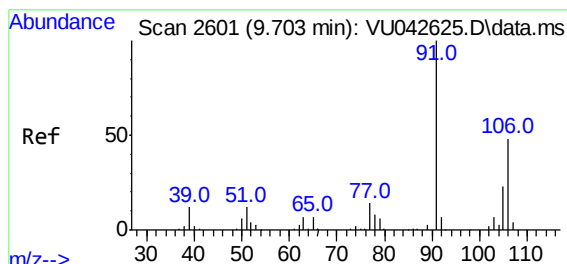
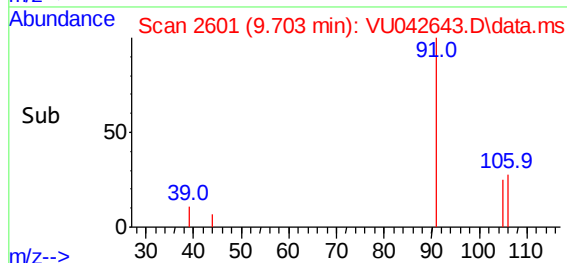
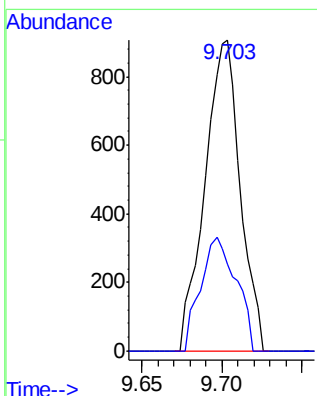
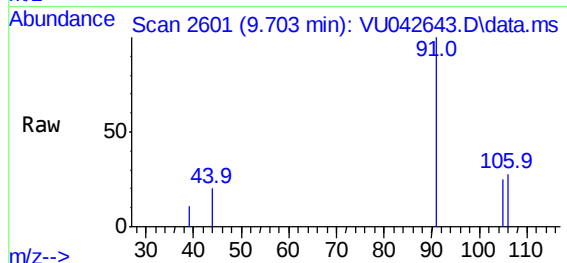




#52
Ethylbenzene
Concen: 0.05 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.125 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

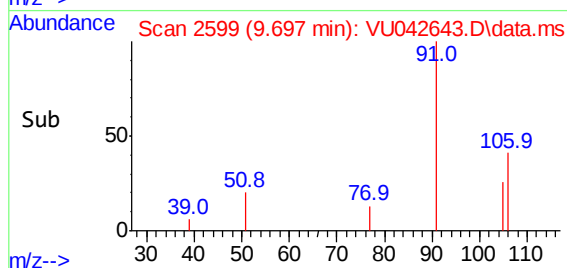
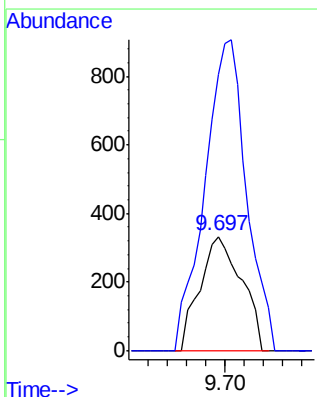
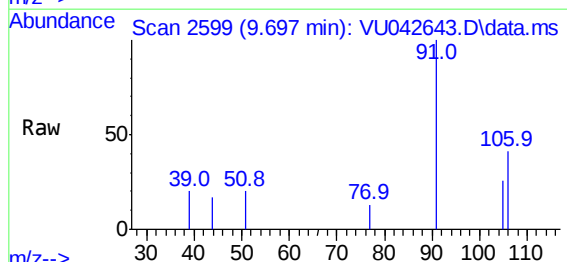
Instrument :
MSVOA_U
ClientSampled :
C0AE3

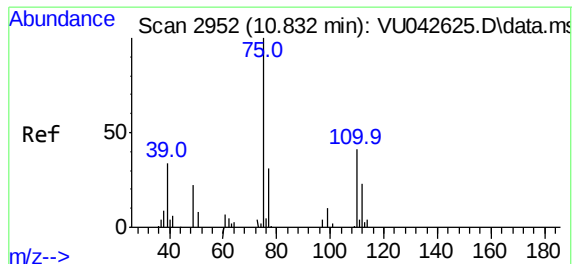
Tgt Ion: 91 Resp: 1358
Ion Ratio Lower Upper
91 100
106 27.8 21.1 39.3



#53
m,p-Xylene
Concen: 0.05 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.007 min
Lab File: VU042643.D
Acq: 13 Mar 2021 05:13

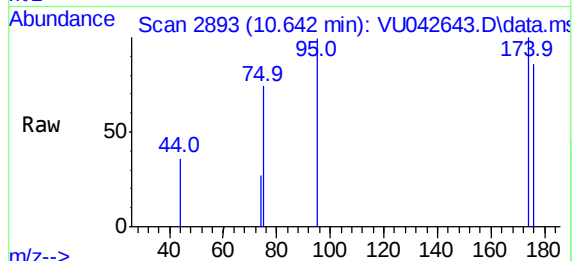
Tgt Ion: 106 Resp: 499
Ion Ratio Lower Upper
106 100
91 242.8 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042643.D
 Acq: 13 Mar 2021 05:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE3



Tgt Ion: 75 Resp: 581
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

