

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044301.D
 Acq On : 02 Jul 2021 14:08
 Operator : SY/MD
 Sample : M2914-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:59:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

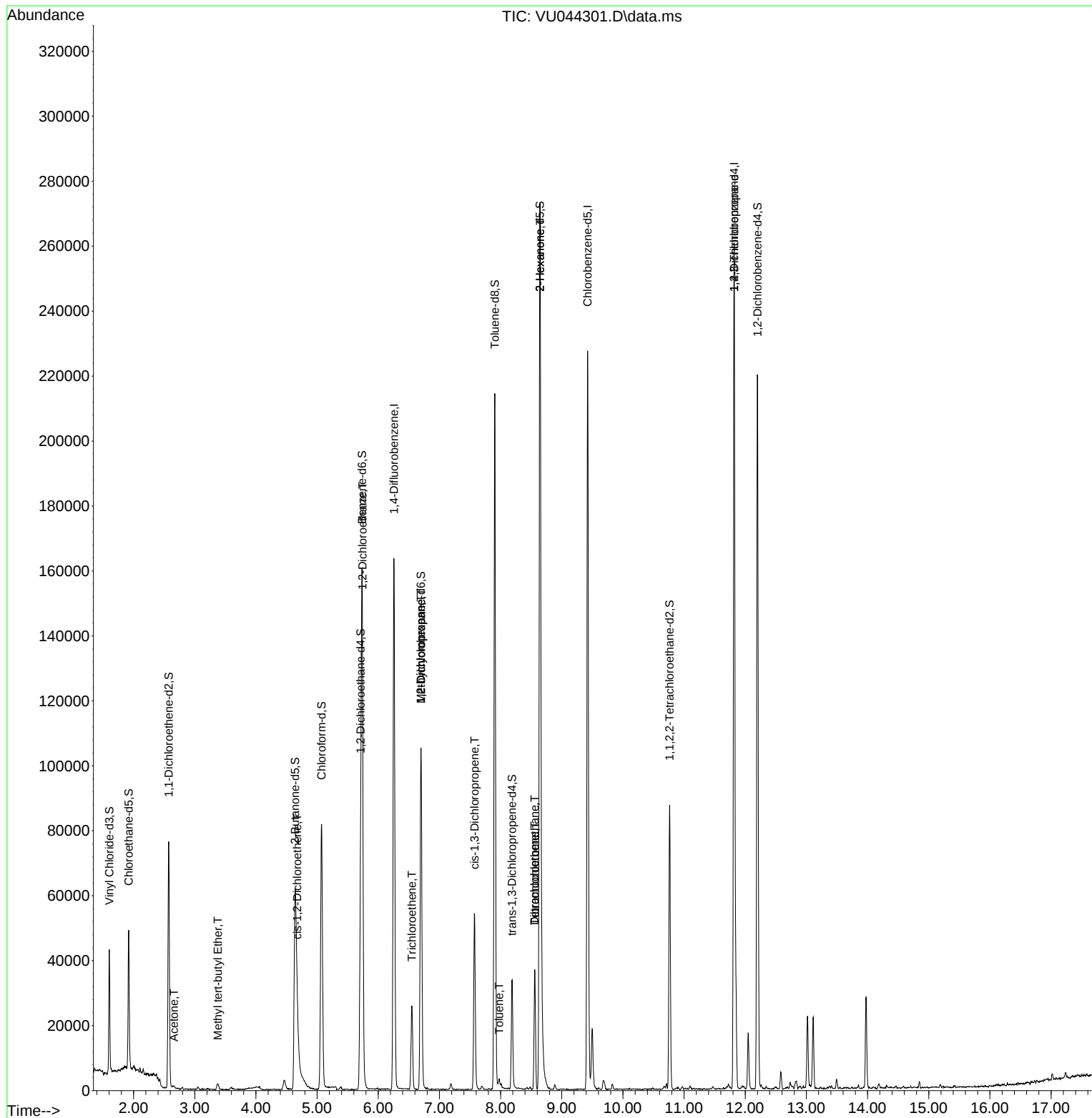
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132825	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	68794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25729	3.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.919	69	30825	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.575	65	14440	3.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.642	46	135301	51.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	5.073	84	73300	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.713	65	43532	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.735	84	144111	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.700	67	48029	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.906	98	136660	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.185	79	19330	4.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.642	63	116920	51.817	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42040	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.201	152	56717	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
13) Acetone	2.661	43	1872	1.581	ug/L	90
17) Methyl tert-butyl Ether	3.378	73	1608	0.071	ug/L #	89
22) cis-1,2-Dichloroethene	4.674	96	3966	0.444	ug/L	92
27) 1,2-Dichloroethane	5.742	62	881	0.080	ug/L #	76
34) Trichloroethene	6.549	95	8218	0.912	ug/L	98
35) Methylcyclohexane	6.700	83	11393	0.765	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5340	0.607	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1354	0.094	ug/L #	36
42) Toluene	7.976	91	2432	0.066	ug/L	89
47) Tetrachloroethene	8.558	164	7823	1.174	ug/L	92
48) 2-Hexanone	8.645	43	15032	3.019	ug/L #	68
49) Dibromochloromethane	8.558	129	7555	0.900	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	8877	1.429	ug/L #	67

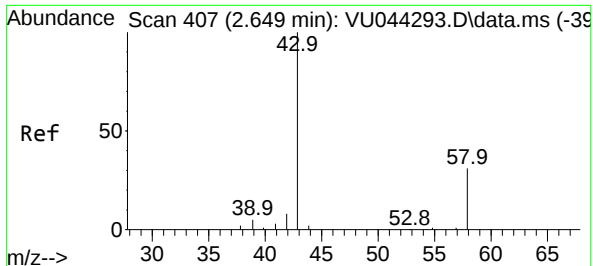
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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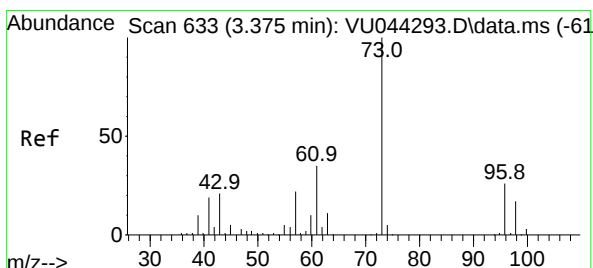
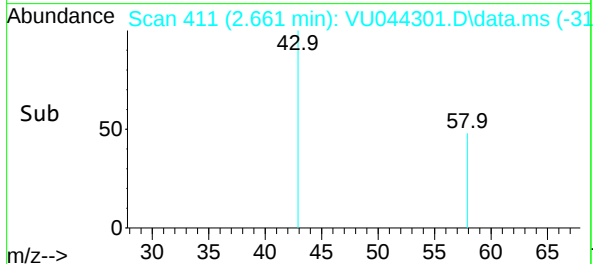
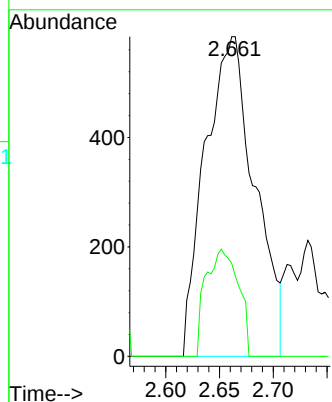
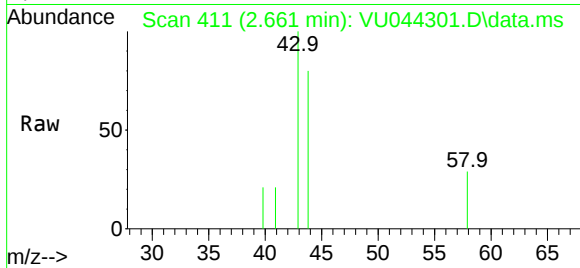




#13
Acetone
Concen: 1.581 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.013 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

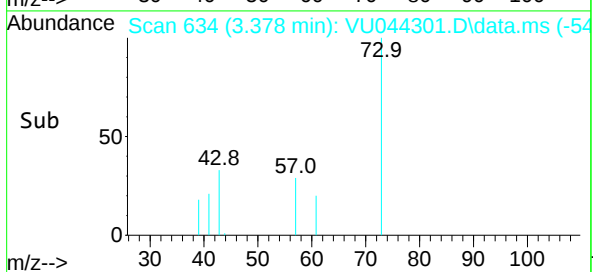
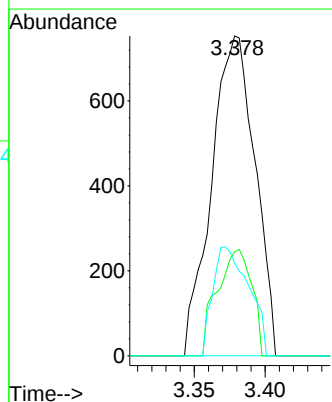
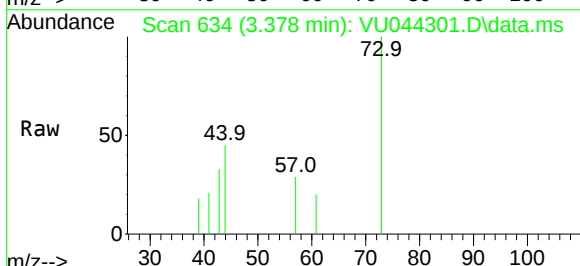
Instrument :
MSVOA_U
ClientSampled :

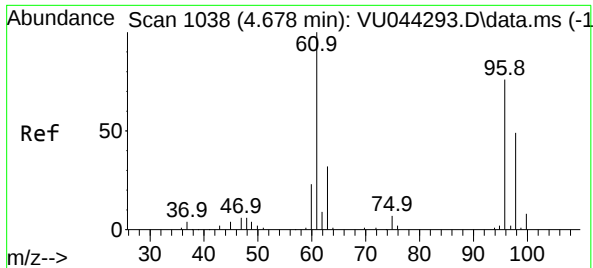
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 22.0 0.0 53.8



#17
Methyl tert-butyl Ether
Concen: 0.071 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Tgt Ion: 73 Resp: 1608
Ion Ratio Lower Upper
73 100
43 26.4 17.6 26.4
57 28.1 17.8 26.8#

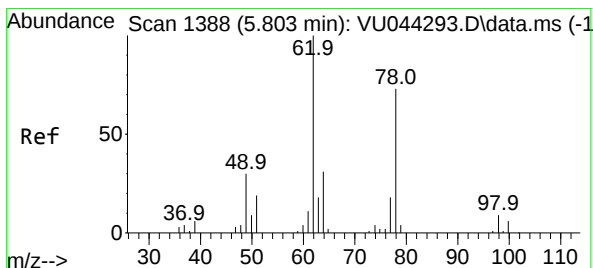
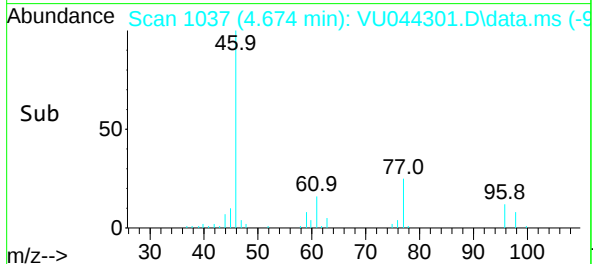
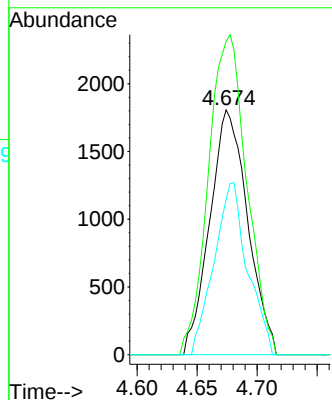
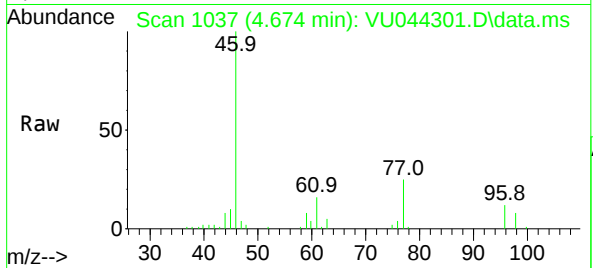




#22
cis-1,2-Dichloroethene
Concen: 0.444 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

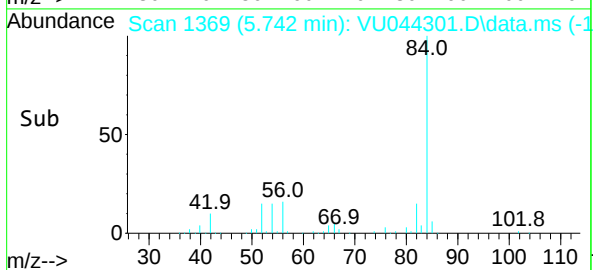
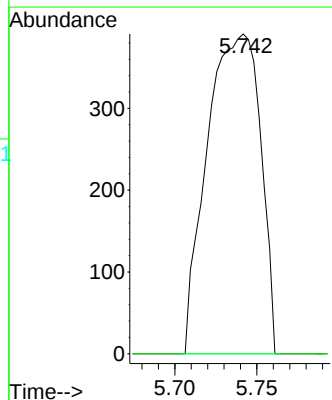
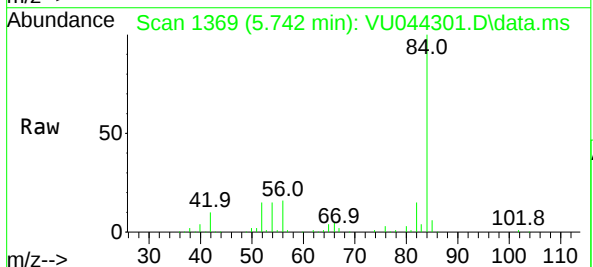
Instrument :
MSVOA_U
ClientSampled :

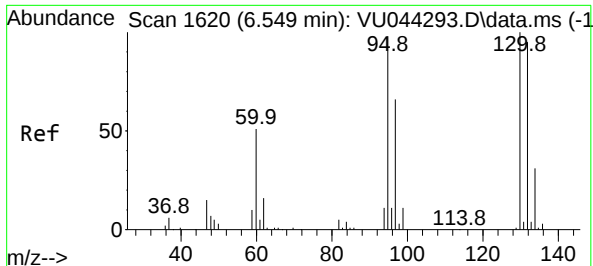
Tgt Ion: 96 Resp: 3966
Ion Ratio Lower Upper
96 100
61 128.1 98.8 183.6
98 63.4 44.8 83.2



#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Tgt Ion: 62 Resp: 881
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#



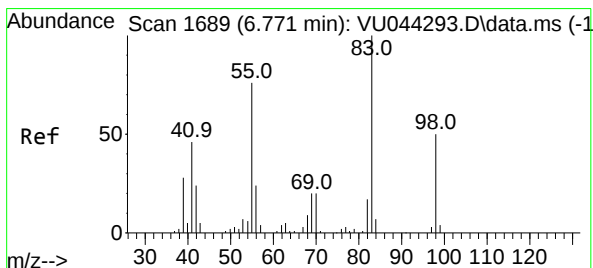
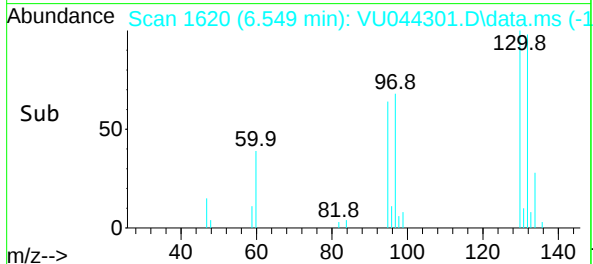
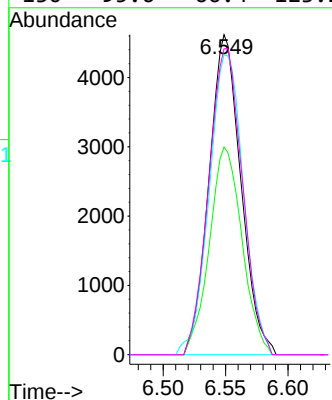
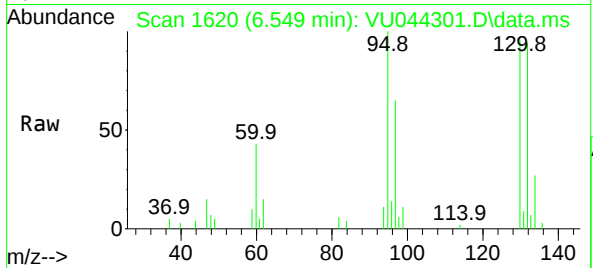


#34
Trichloroethene
Concen: 0.912 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 8218

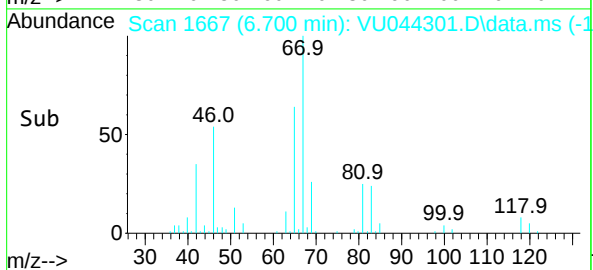
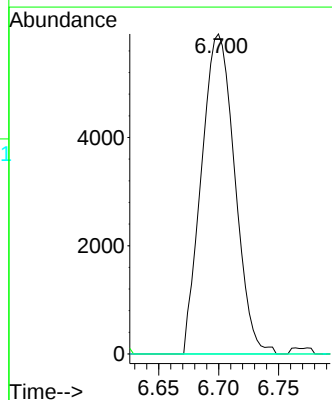
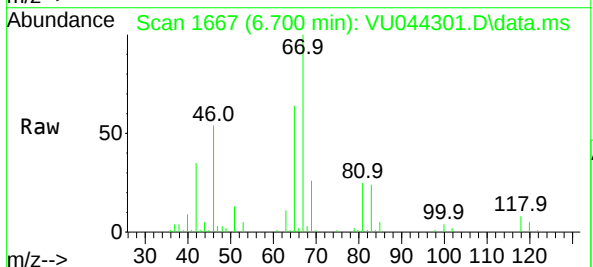
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.3	82.3
132	93.8	64.3	119.5
130	95.6	66.4	123.2

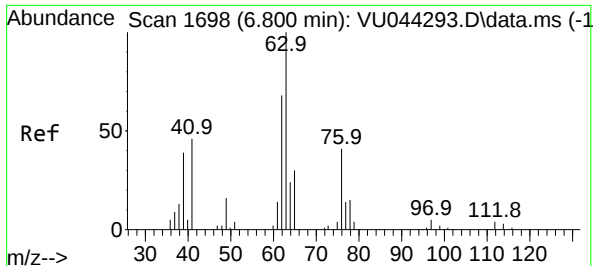


#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Tgt Ion: 83 Resp: 11393

Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.4	95.0#
98	0.0	39.4	59.0#



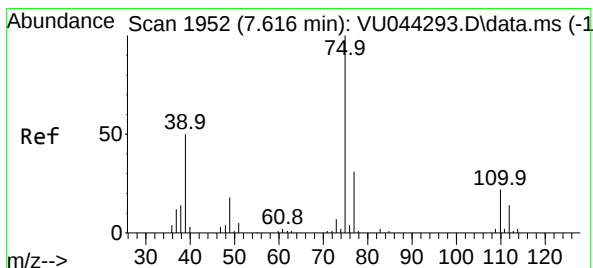
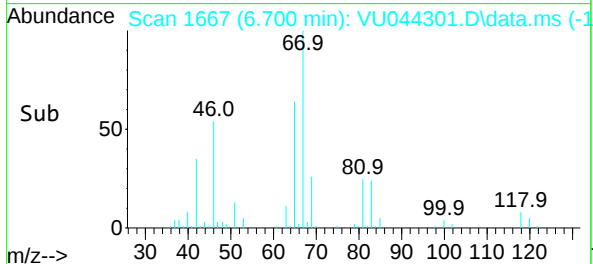
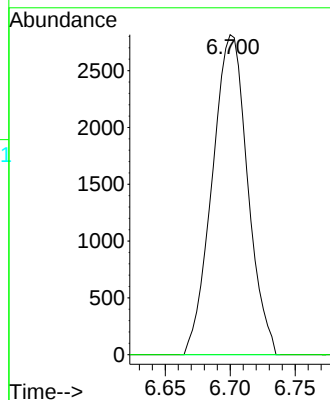
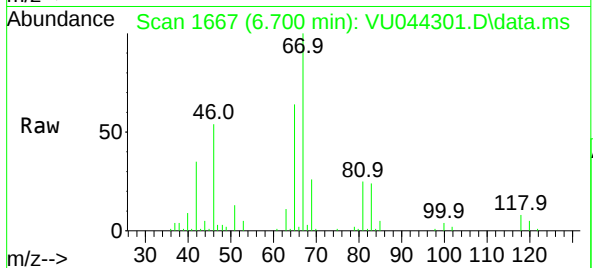


#37

1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Instrument :
MSVOA_U
ClientSampled :

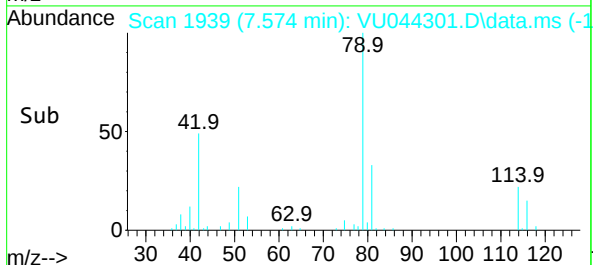
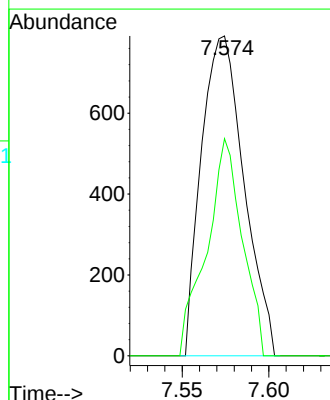
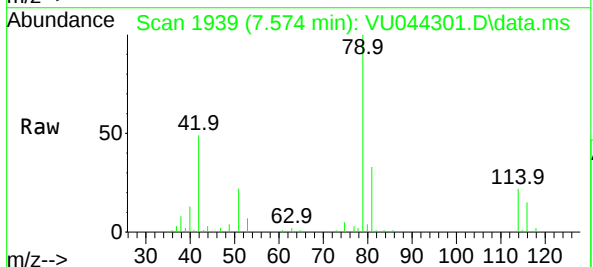
Tgt Ion: 63 Resp: 5340
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

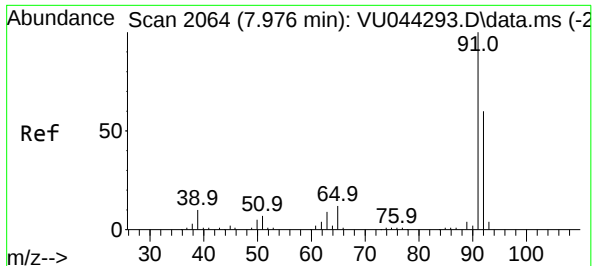


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
77 67.9 22.5 41.7#

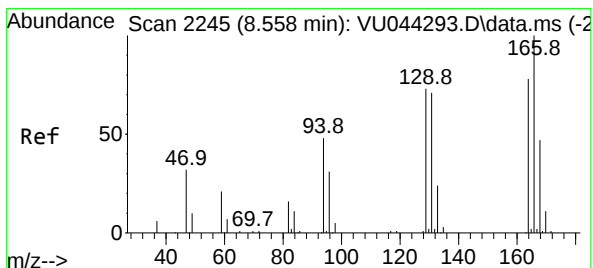
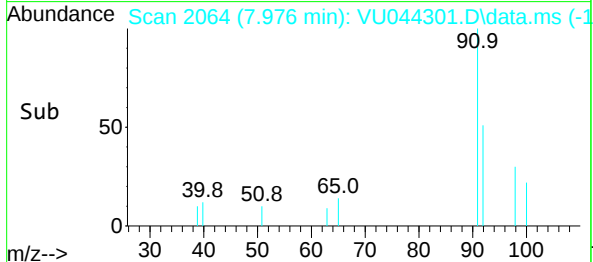
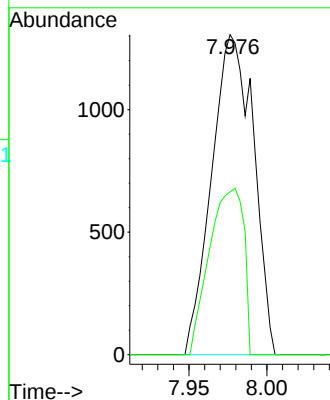
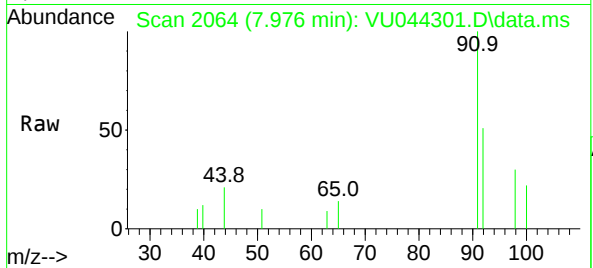




#42
Toluene
Concen: 0.066 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

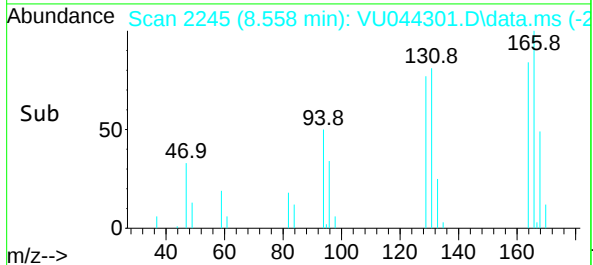
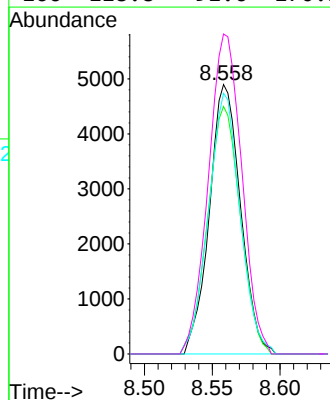
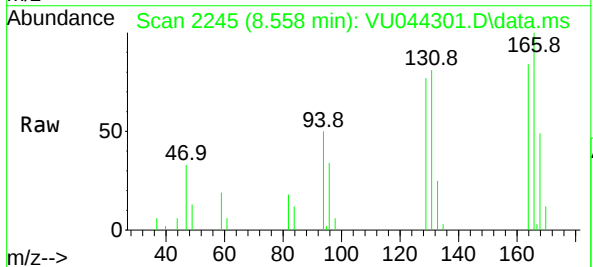
Instrument :
MSVOA_U
ClientSampled :

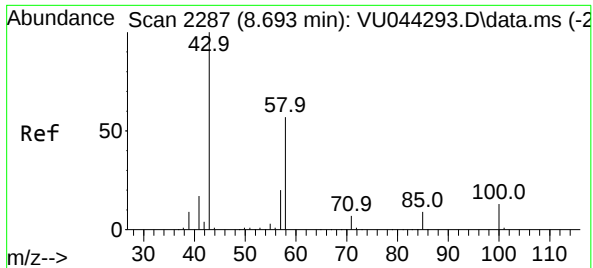
Tgt Ion: 91 Resp: 2432
Ion Ratio Lower Upper
91 100
92 50.9 41.2 76.6



#47
Tetrachloroethene
Concen: 1.174 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

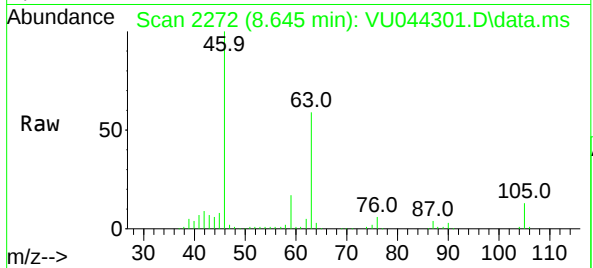
Tgt Ion: 164 Resp: 7823
Ion Ratio Lower Upper
164 100
129 91.9 71.8 133.4
131 96.7 66.4 123.2
166 118.8 91.6 170.2



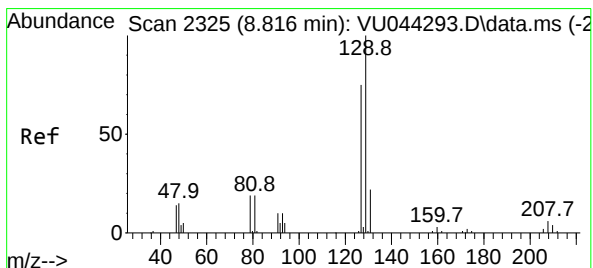
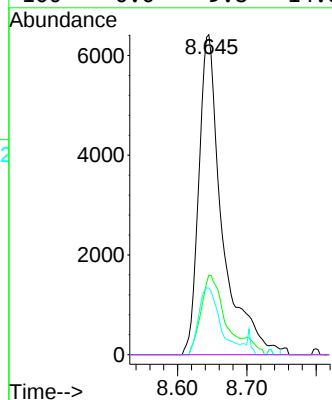
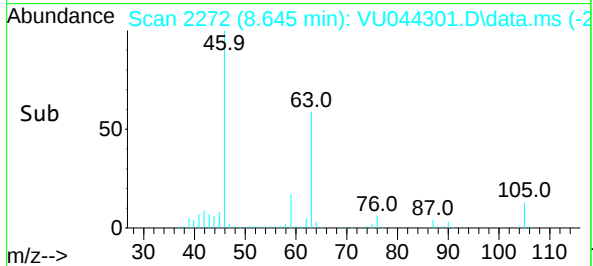


#48
2-Hexanone
Concen: 3.019 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08

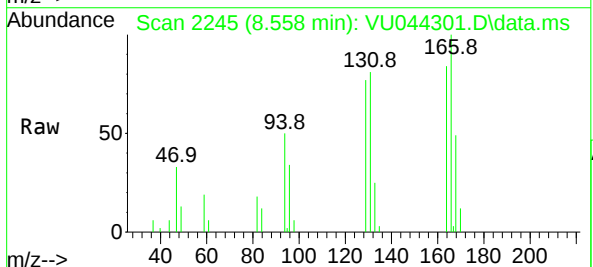
Instrument :
MSVOA_U
ClientSampled :



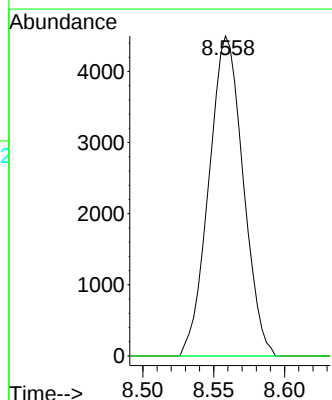
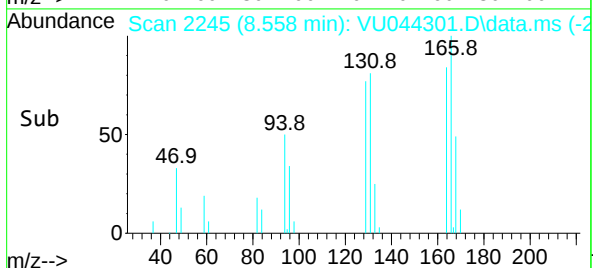
Tgt Ion: 43 Resp: 15032
Ion Ratio Lower Upper
43 100
58 24.5 44.7 67.1#
57 19.2 15.7 23.5
100 0.0 9.8 14.8#

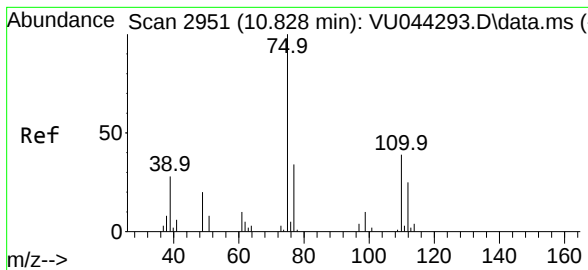


#49
Dibromochloromethane
Concen: 0.900 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044301.D
Acq: 02 Jul 2021 14:08



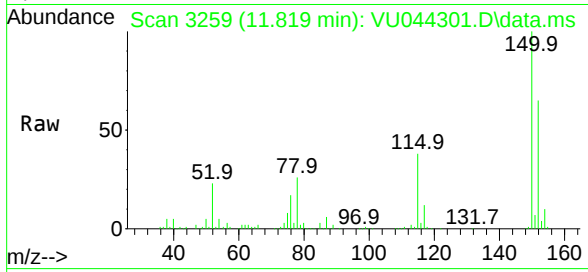
Tgt Ion: 129 Resp: 7555
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.429 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU044301.D
 Acq: 02 Jul 2021 14:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8877
 Ion Ratio Lower Upper
 75 100
 110 2.2 30.5 45.7#
 77 33.5 26.1 39.1

