

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044284.D
 Acq On : 01 Jul 2021 14:21
 Operator : SY/MD
 Sample : M2905-15DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:52:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	148111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	139009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29315	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.919	69	34157	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.575	65	16746	4.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.642	46	136873	46.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.700%
24) Chloroform-d	5.073	84	80739	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.713	65	47412	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.735	84	159625	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.700	67	53293	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.906	98	148764	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.185	79	21395	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.642	63	123242	49.858	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44956	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	61760	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
13) Acetone	2.652	43	2012	1.524	ug/L	91
15) Methyl Acetate	2.973	43	437	0.118	ug/L #	53
16) Methylene chloride	3.057	84	7317	0.635	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	5981	0.600	ug/L	92
33) Benzene	5.784	78	2568	0.070	ug/L	100
34) Trichloroethene	6.552	95	11953	1.210	ug/L	99
35) Methylcyclohexane	6.700	83	12513	0.767	ug/L #	23
37) 1,2-Dichloropropane	6.697	63	5883	0.611	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1558	0.099	ug/L #	66
42) Toluene	7.980	91	2602	0.065	ug/L	80
47) Tetrachloroethene	8.558	164	78788	10.791	ug/L	94
48) 2-Hexanone	8.645	43	16730	3.067	ug/L #	64
49) Dibromochloromethane	8.558	129	73798	8.021	ug/L #	11
51) Chlorobenzene	9.452	112	14484	0.563	ug/L	97
61) 1,2,3-Trichloropropane	11.816	75	10120	1.490	ug/L #	68
65) 1,4-Dichlorobenzene	11.844	146	2281	0.110	ug/L #	85
67) 1,2-Dichlorobenzene	12.221	146	9578	0.493	ug/L	94

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Instrument :
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Quant Time: Jul 02 01:52:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 02 01:46:49 2021
Response via : Initial Calibration

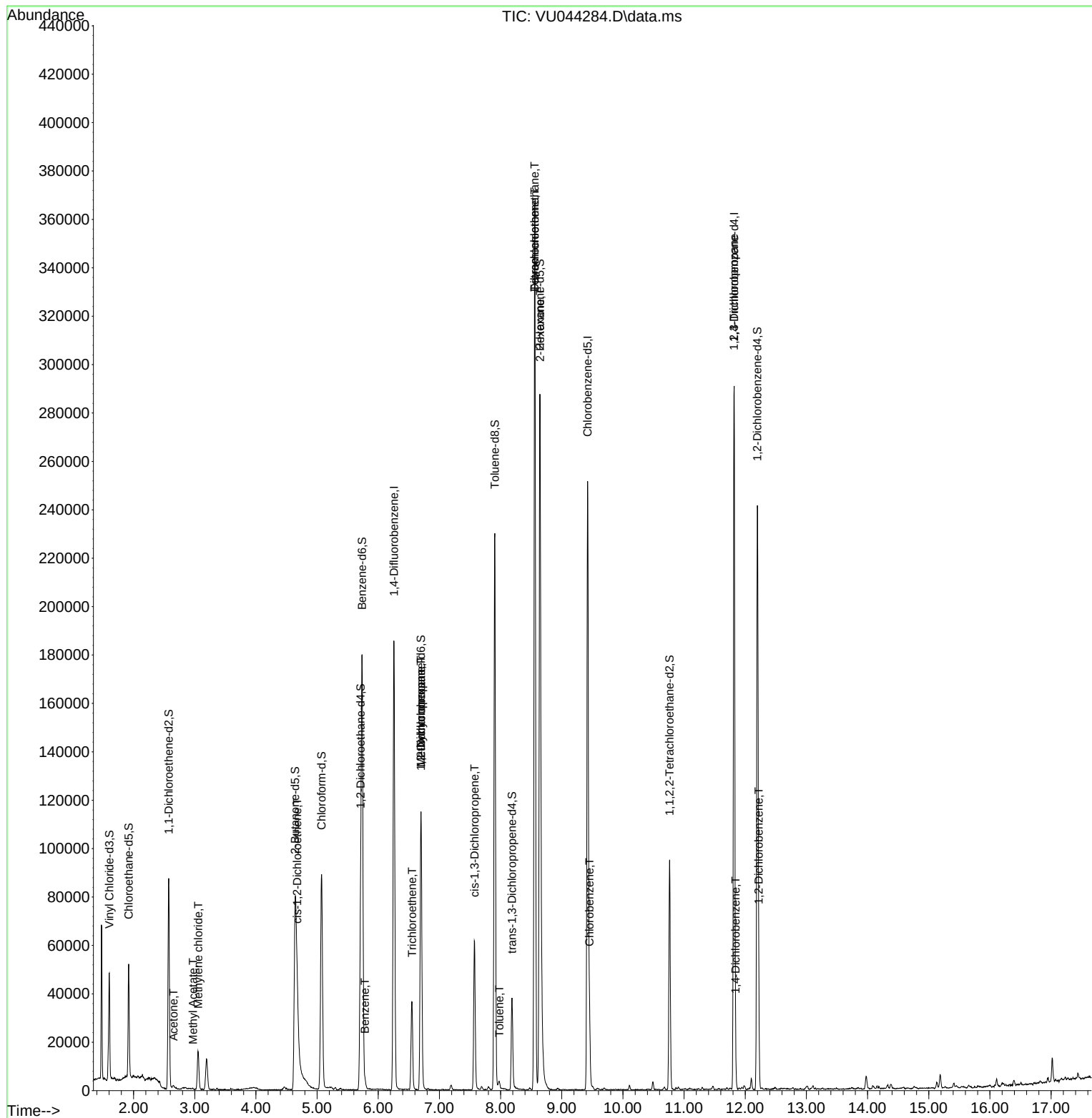
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

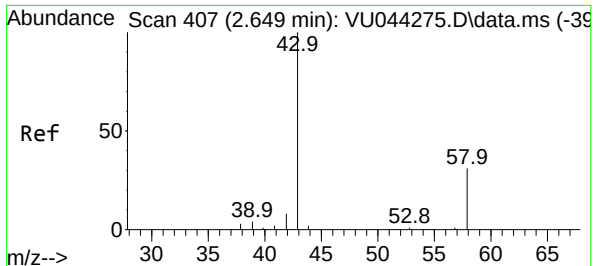
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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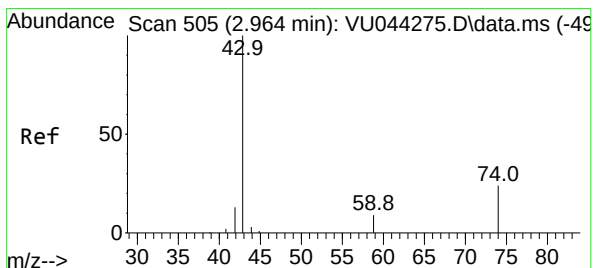
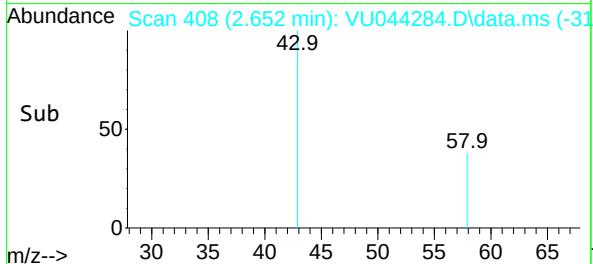
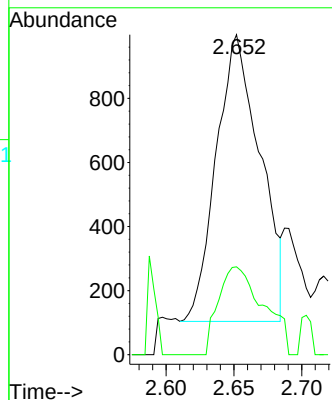
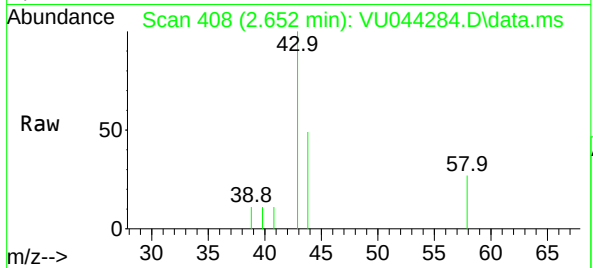




#13
Acetone
Concen: 1.524 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

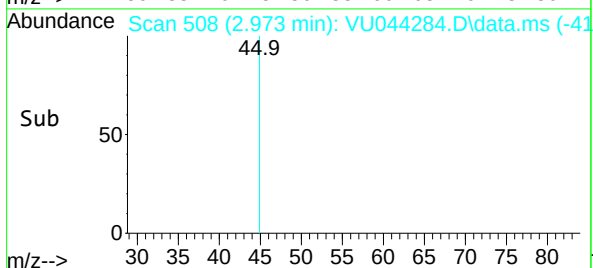
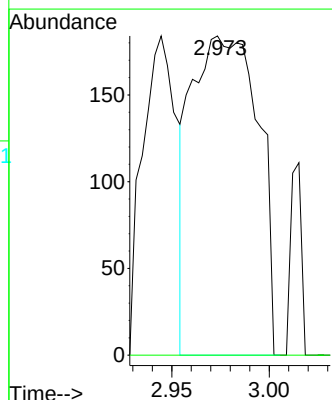
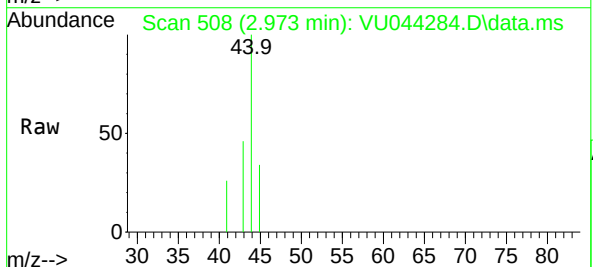
Instrument :
MSVOA_U
ClientSampled :

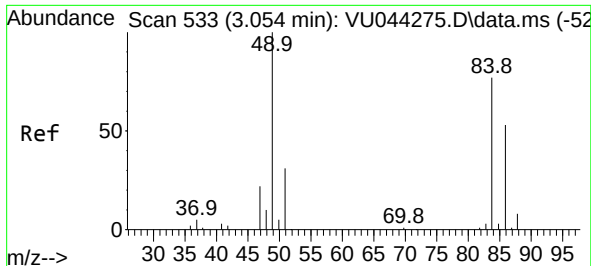
Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#15
Methyl Acetate
Concen: 0.118 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.009 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

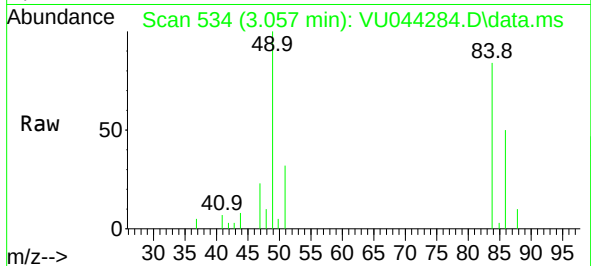
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#





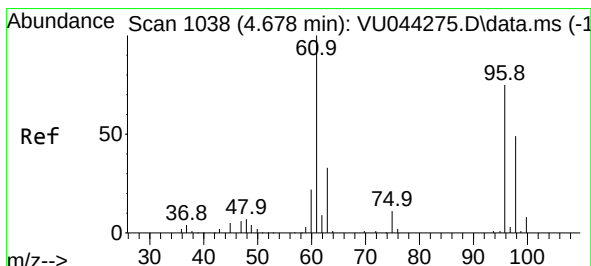
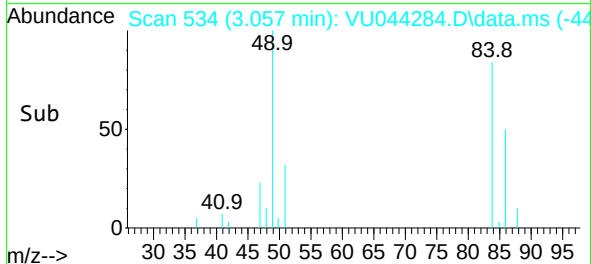
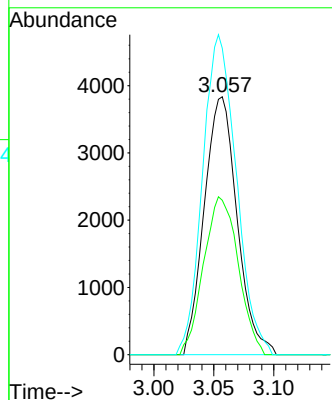
#16
Methylene chloride
Concen: 0.635 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7317

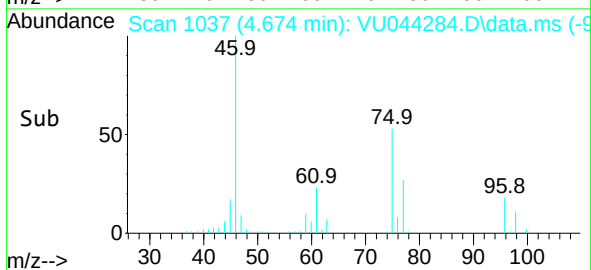
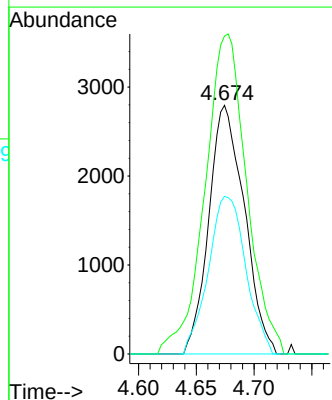
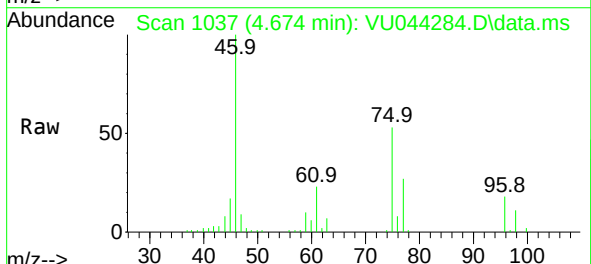
Ion	Ratio	Lower	Upper
84	100		
86	59.9	46.1	85.5
49	124.8	88.4	164.2

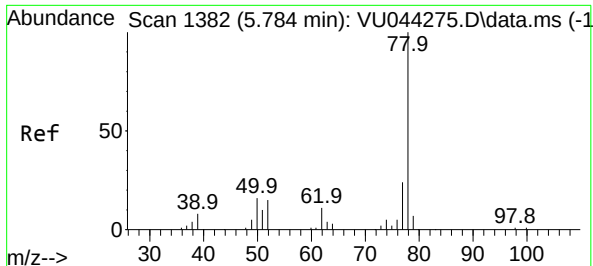


#22
cis-1,2-Dichloroethene
Concen: 0.600 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.004 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Tgt Ion: 96 Resp: 5981

Ion	Ratio	Lower	Upper
96	100		
61	127.9	98.8	183.6
98	63.4	44.8	83.2

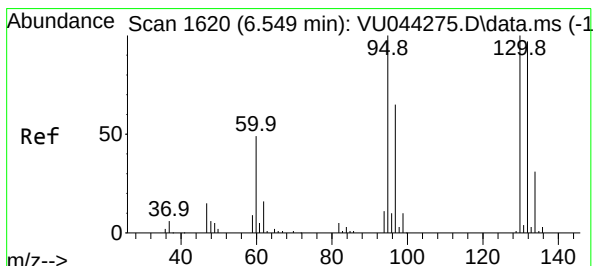
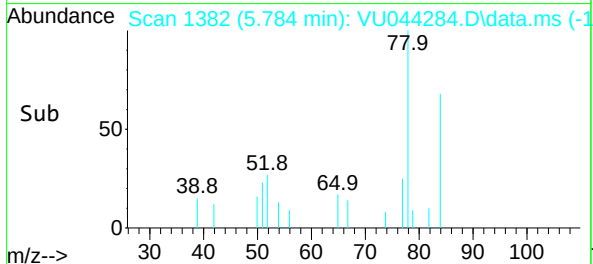
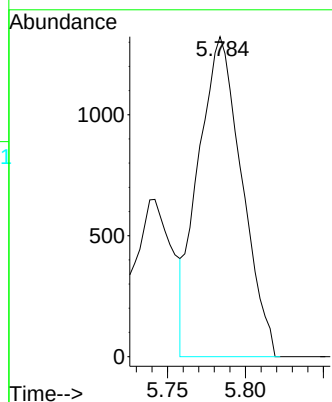
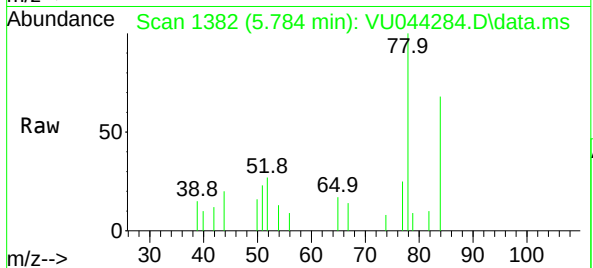




#33
Benzene
Concen: 0.070 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Instrument :
MSVOA_U
ClientSampled :

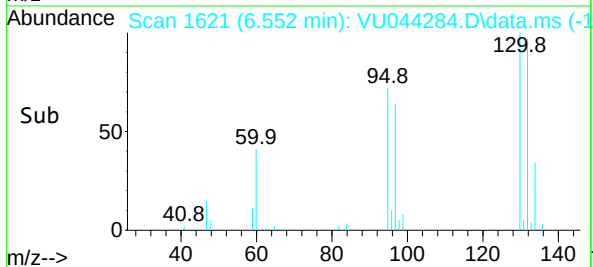
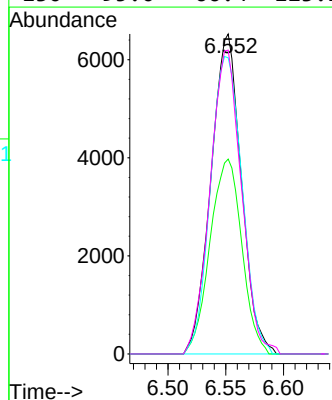
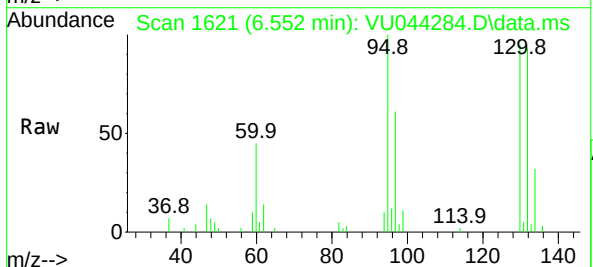
Tgt Ion: 78 Resp: 2568

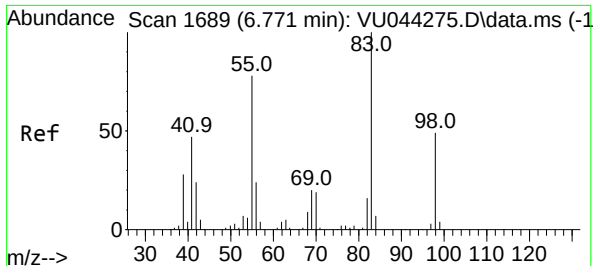


#34
Trichloroethene
Concen: 1.210 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Tgt Ion: 95 Resp: 11953

Ion	Ratio	Lower	Upper
95	100		
97	60.9	44.3	82.3
132	92.6	64.3	119.5
130	95.0	66.4	123.2





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.700 min Scan# 1667

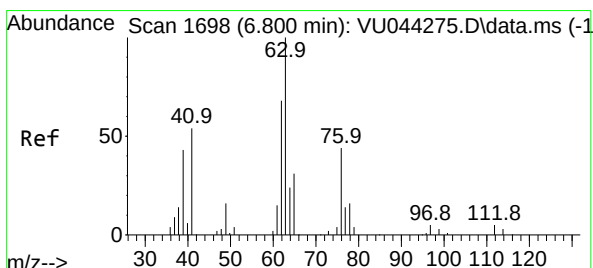
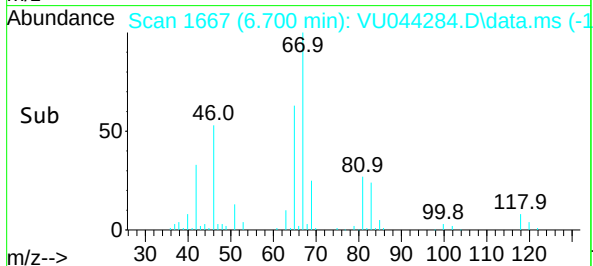
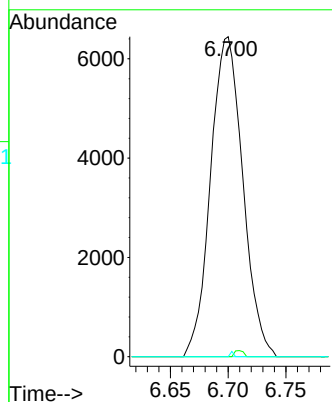
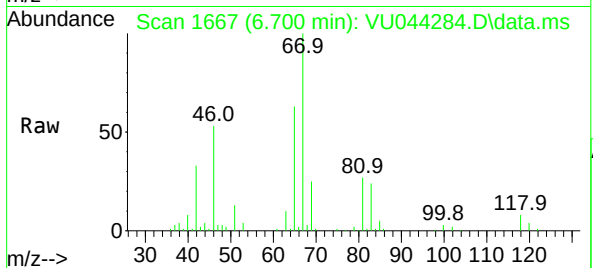
Delta R.T. -0.071 min

Lab File: VU044284.D

Acq: 01 Jul 2021 14:21

Tgt Ion:	83	Resp:	12513
Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.4	95.0#
98	10.2	39.4	59.0#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

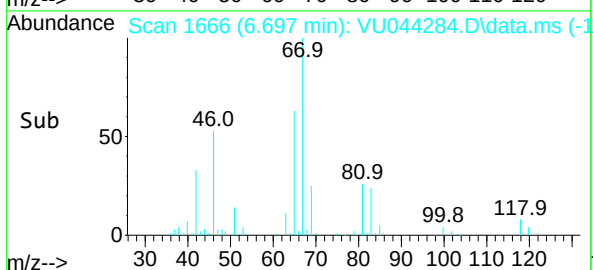
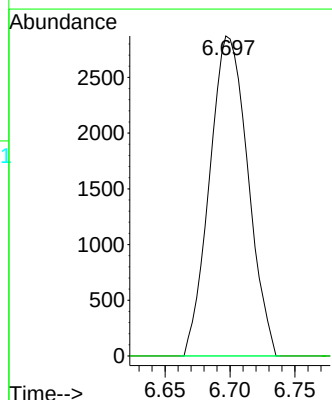
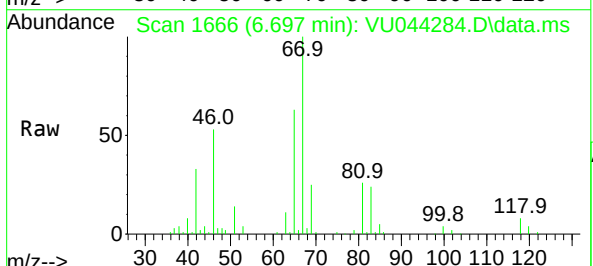
RT: 6.697 min Scan# 1666

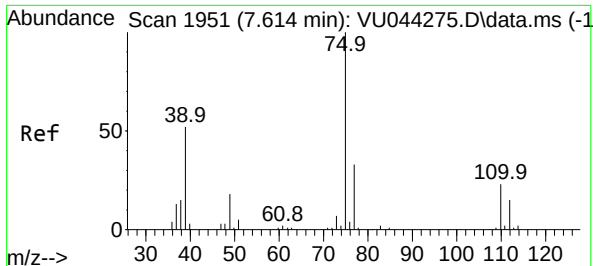
Delta R.T. -0.103 min

Lab File: VU044284.D

Acq: 01 Jul 2021 14:21

Tgt Ion:	63	Resp:	5883
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



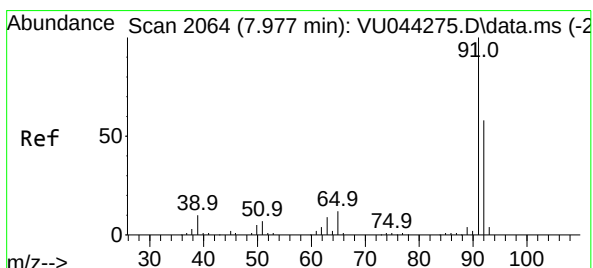
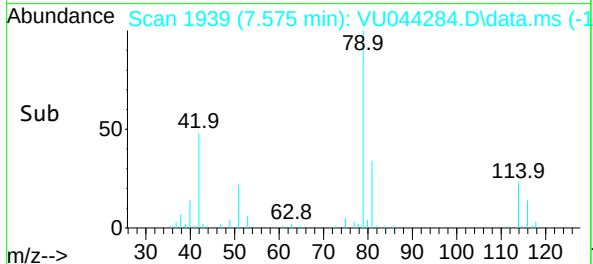
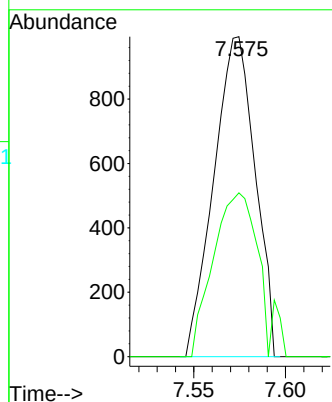
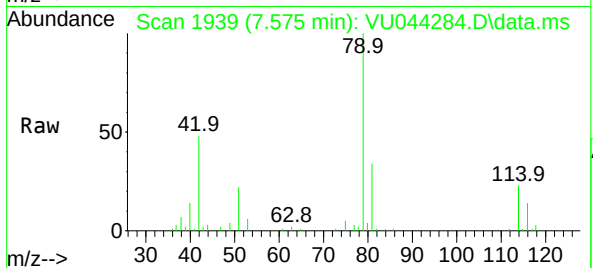


#39

cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Instrument :
MSVOA_U
ClientSampled :

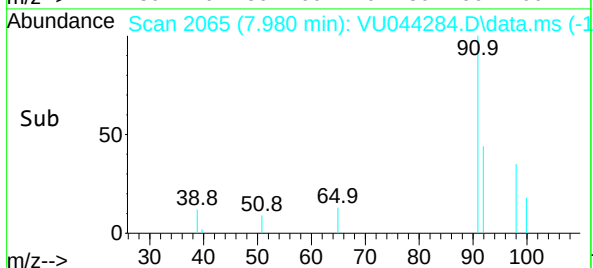
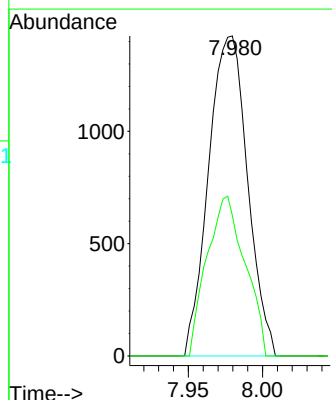
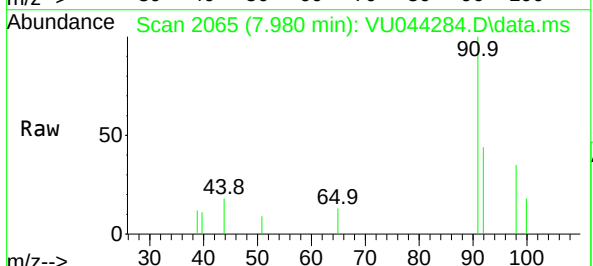
Tgt Ion: 75 Resp: 1558
Ion Ratio Lower Upper
75 100
77 51.2 22.5 41.7#

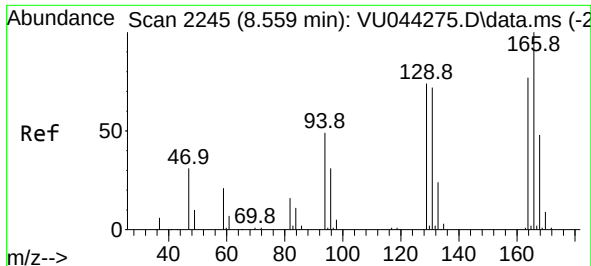


#42

Toluene
Concen: 0.065 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

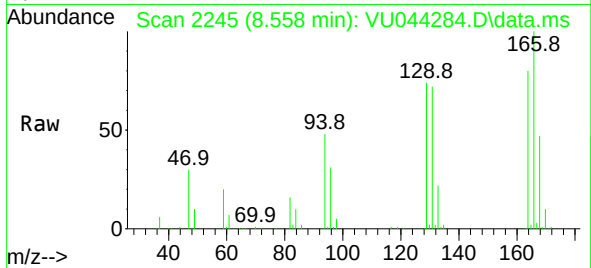
Tgt Ion: 91 Resp: 2602
Ion Ratio Lower Upper
91 100
92 43.9 41.2 76.6



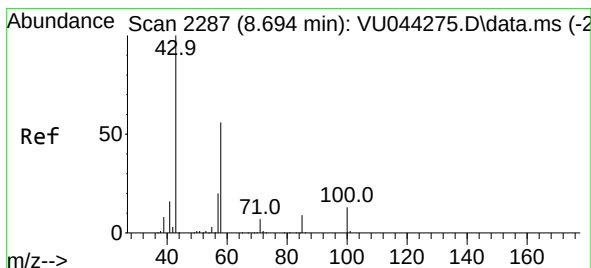
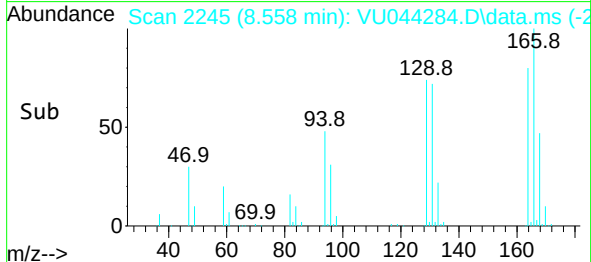
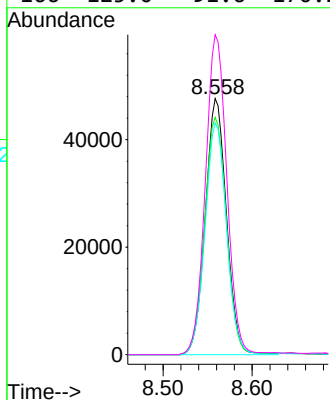


#47
Tetrachloroethene
Concen: 10.791 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

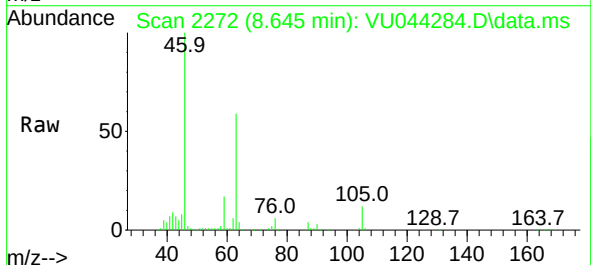
Instrument :
MSVOA_U
ClientSampled :



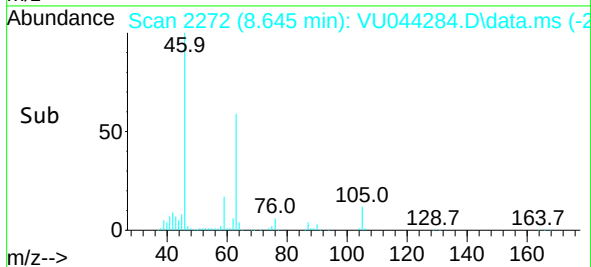
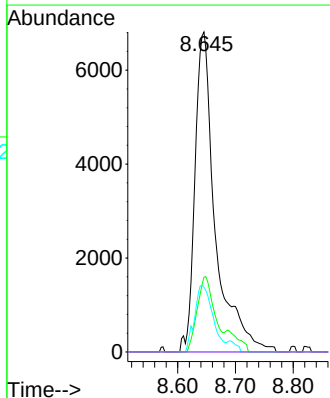
Tgt Ion:164 Resp: 78788
Ion Ratio Lower Upper
164 100
129 92.7 71.8 133.4
131 90.4 66.4 123.2
166 125.0 91.6 170.2

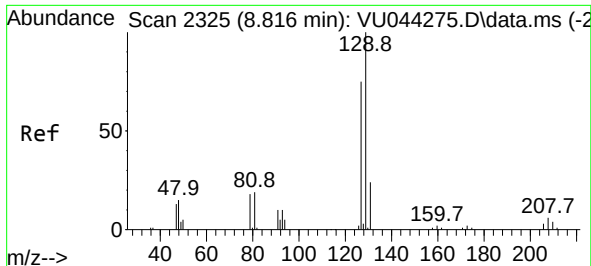


#48
2-Hexanone
Concen: 3.067 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21



Tgt Ion: 43 Resp: 16730
Ion Ratio Lower Upper
43 100
58 20.0 44.7 67.1#
57 18.7 15.7 23.5
100 0.0 9.8 14.8#

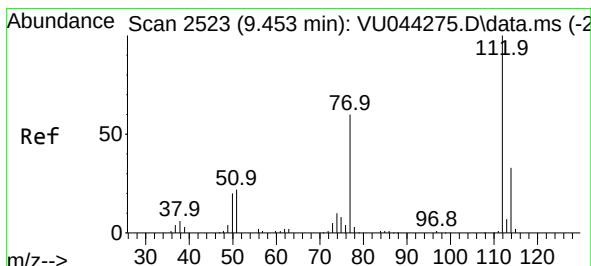
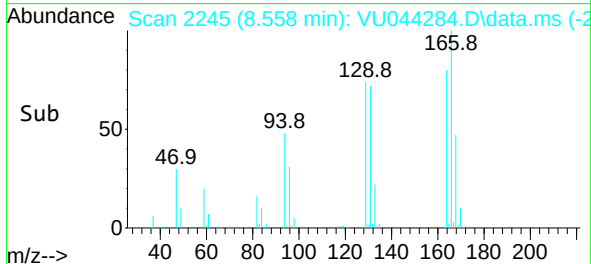
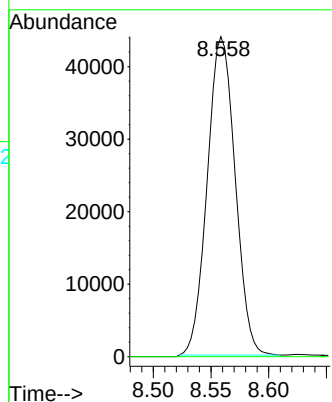
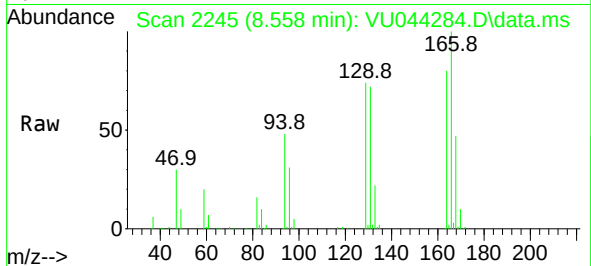




#49
Dibromochloromethane
Concen: 8.021 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.258 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

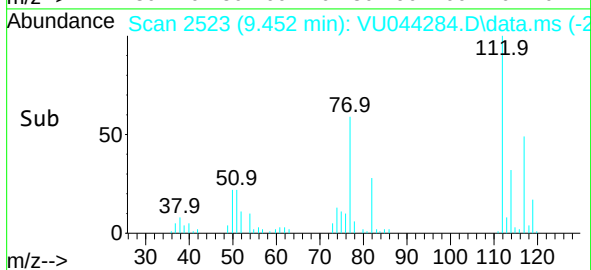
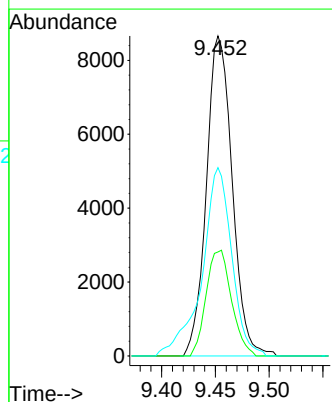
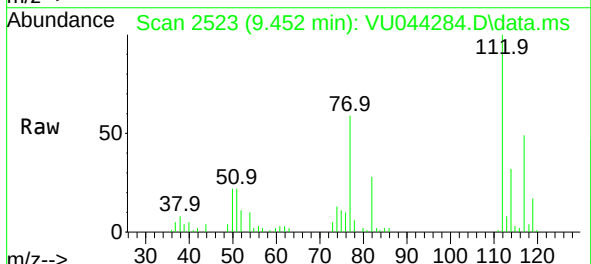
Instrument :
MSVOA_U
ClientSampled :

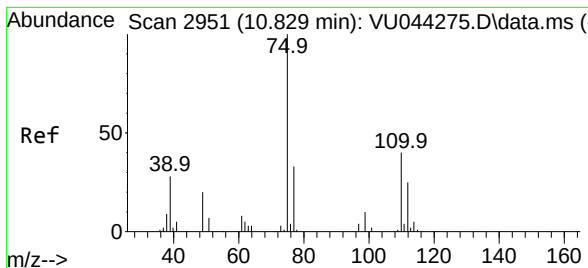
Tgt Ion:129 Resp: 73798
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#51
Chlorobenzene
Concen: 0.563 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

Tgt Ion:112 Resp: 14484
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 58.9 48.9 73.3

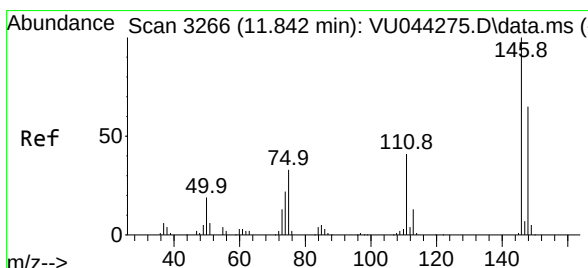
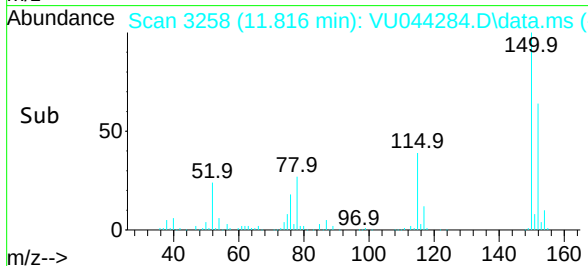
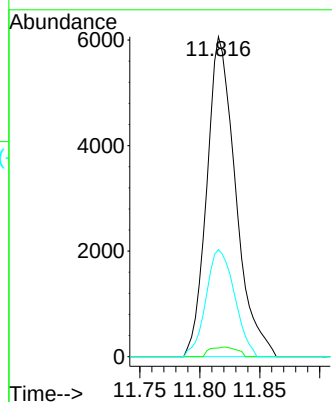
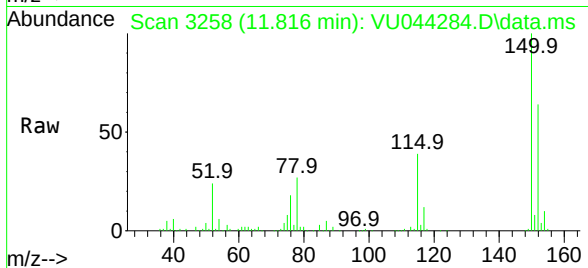




#61
1,2,3-Trichloropropane
Concen: 1.490 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

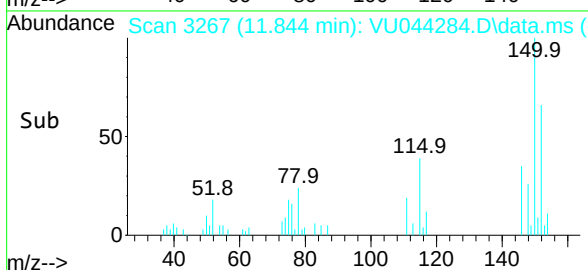
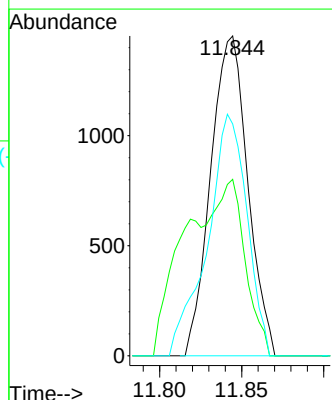
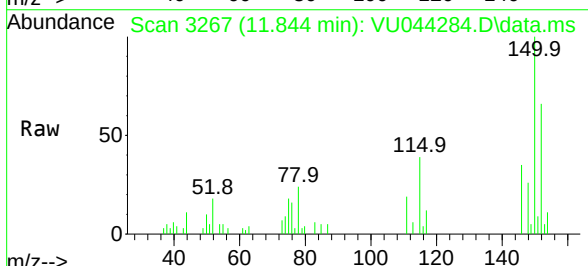
Instrument :
MSVOA_U
ClientSampled :

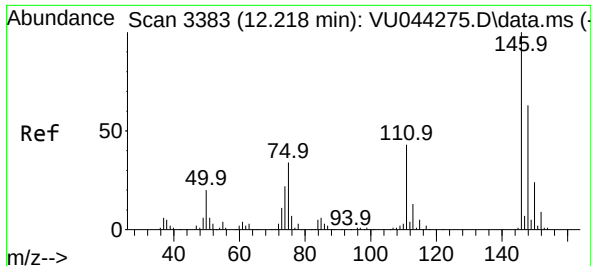
Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
110 2.8 30.5 45.7#
77 33.2 26.1 39.1



#65
1,4-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044284.D
Acq: 01 Jul 2021 14:21

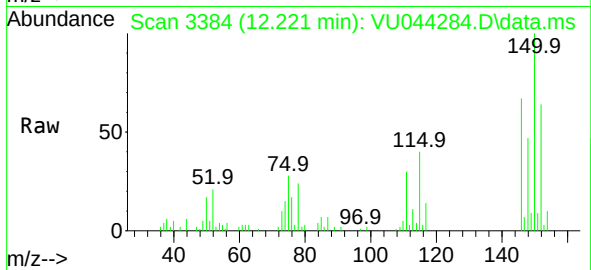
Tgt Ion: 146 Resp: 2281
Ion Ratio Lower Upper
146 100
111 55.2 28.2 52.4#
148 72.5 45.1 83.9





#67
 1,2-Dichlorobenzene
 Concen: 0.493 ug/L
 RT: 12.221 min Scan# 3384
 Delta R.T. 0.003 min
 Lab File: VU044284.D
 Acq: 01 Jul 2021 14:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 9578
 Ion Ratio Lower Upper
 146 100
 111 45.2 35.0 52.6
 148 70.8 51.2 76.8

