

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045285.D
 Acq On : 12 Oct 2021 12:04
 Operator : SY/MD
 Sample : VU1012WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:51:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

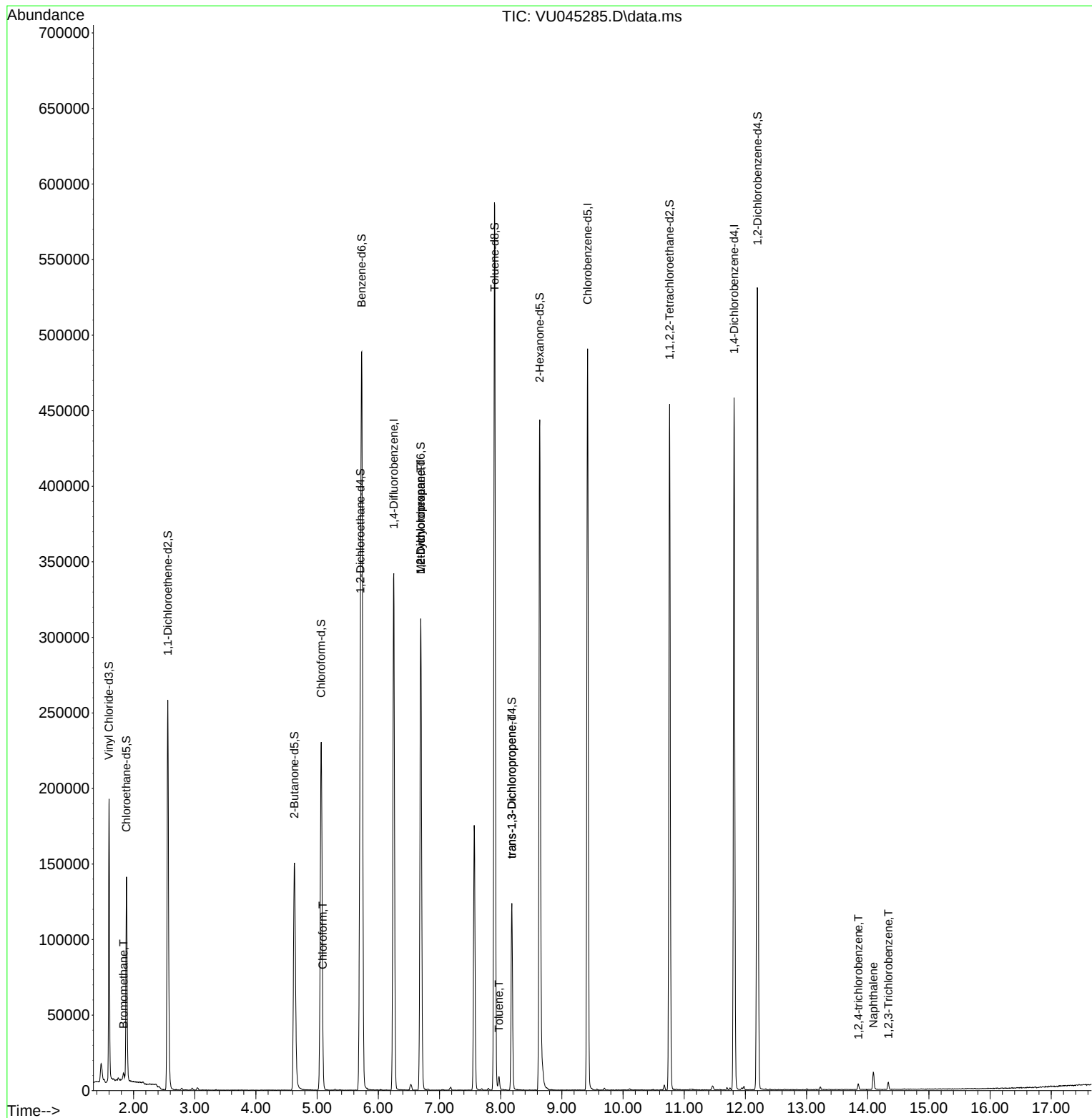
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	261006	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255206	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	113896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121549	42.540	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.080%		
7) Chloroethane-d5	1.883	69	103327	45.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.280%		
11) 1,1-Dichloroethene-d2	2.559	63	157222	32.766	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.540%		
21) 2-Butanone-d5	4.629	46	219335	97.099	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.100%		
24) Chloroform-d	5.067	84	208211	46.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
26) 1,2-Dichloroethane-d4	5.706	65	149781	49.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.000%		
32) Benzene-d6	5.729	84	437109	49.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.720%		
36) 1,2-Dichloropropane-d6	6.694	67	143133	49.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.140%		
41) Toluene-d8	7.899	98	374530	49.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.020%		
43) trans-1,3-Dichloroprop...	8.182	79	64228	50.005	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.000%		
47) 2-Hexanone-d5	8.636	63	155440	97.140	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.140%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226965	50.477	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.960%		
66) 1,2-Dichlorobenzene-d4	12.198	152	132670	53.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.040%		
Target Compounds						Qvalue
6) Bromomethane	1.832	94	843	0.576	ug/L	94
25) Chloroform	5.092	83	3386	0.769	ug/L	91
35) Methylcyclohexane	6.694	83	33160	8.712	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	15852	6.151	ug/L #	88
42) Toluene	7.973	91	6069	0.631	ug/L	90
44) trans-1,3-Dichloropropene	8.182	75	3022	0.862	ug/L	84
70) 1,2,4-trichlorobenzene	13.844	180	1519	0.684	ug/L #	87
71) Naphthalene	14.092	128	10483	1.362	ug/L	97
72) 1,2,3-Trichlorobenzene	14.340	180	1833	0.806	ug/L	96

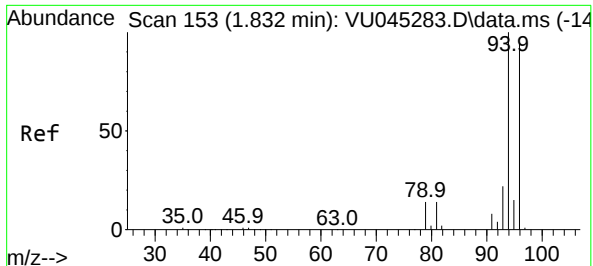
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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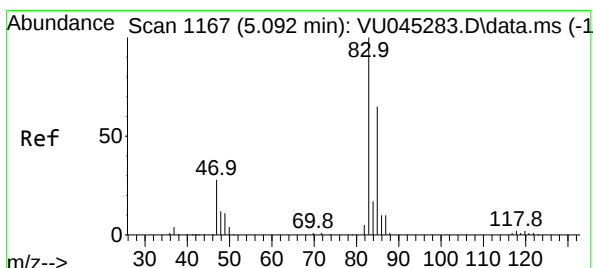
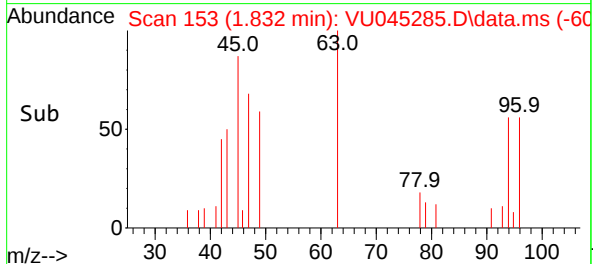
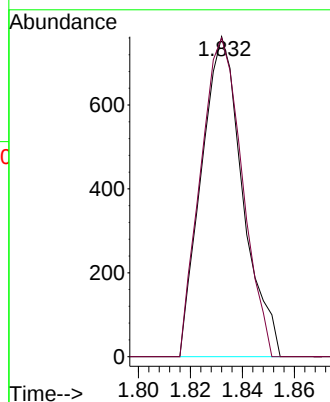
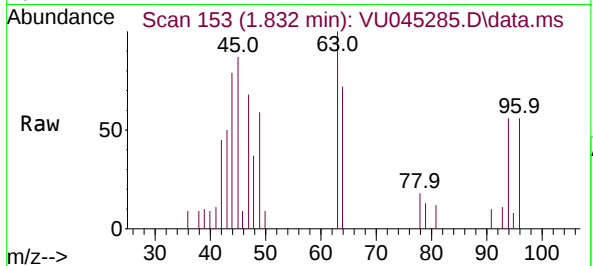




#6
Bromomethane
Concen: 0.576 ug/L
RT: 1.832 min Scan# 153
Delta R.T. 0.000 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

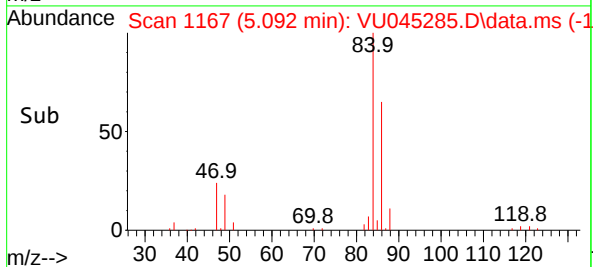
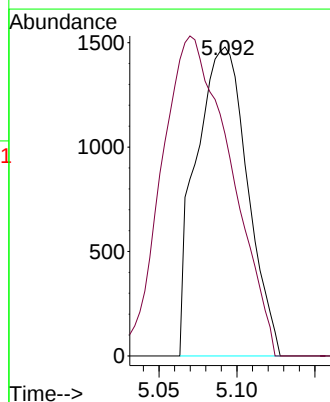
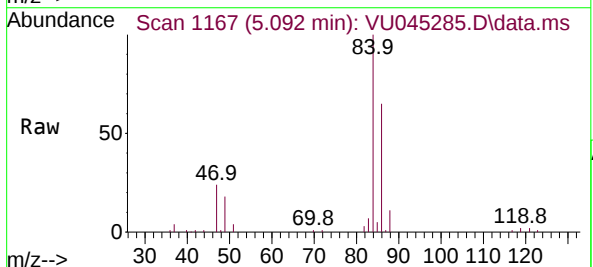
Instrument :
MSVOA_U
ClientSampleId :

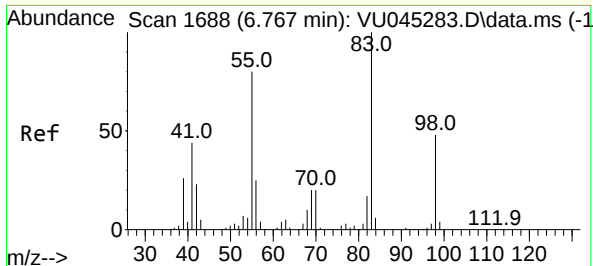
Tgt Ion: 94 Resp: 843
Ion Ratio Lower Upper
94 100
96 99.6 65.7 121.9



#25
Chloroform
Concen: 0.769 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

Tgt Ion: 83 Resp: 3386
Ion Ratio Lower Upper
83 100
85 71.9 45.6 84.6

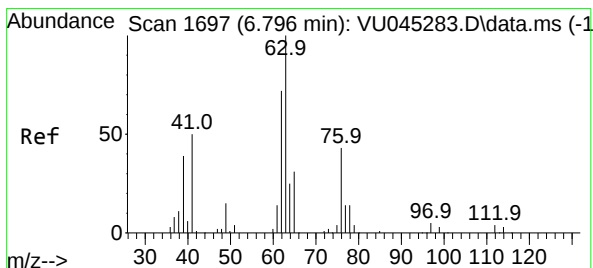
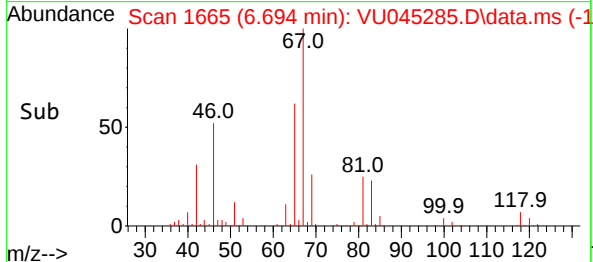
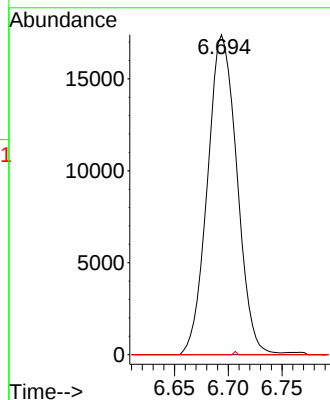
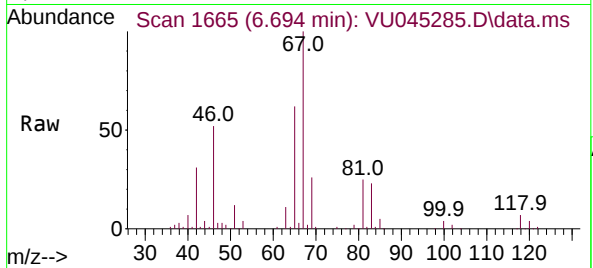




#35
Methylcyclohexane
Concen: 8.712 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

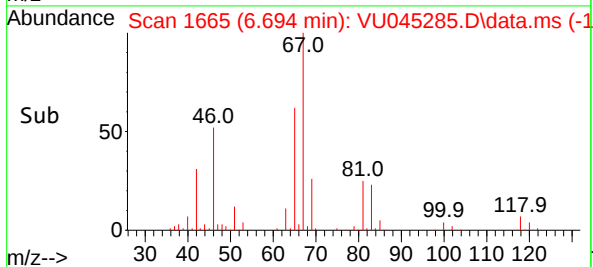
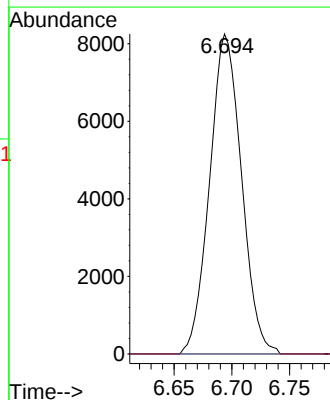
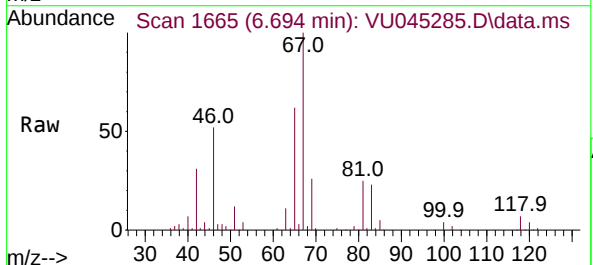
Instrument :
MSVOA_U
ClientSampleId :

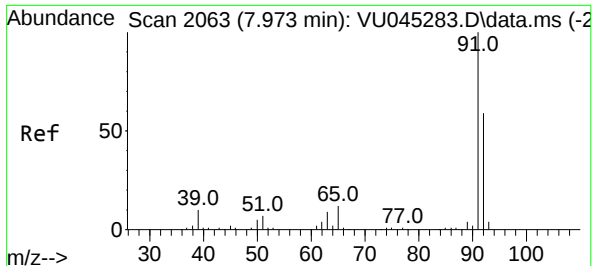
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	0.4	37.1	55.7#



#37
1,2-Dichloropropane
Concen: 6.151 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

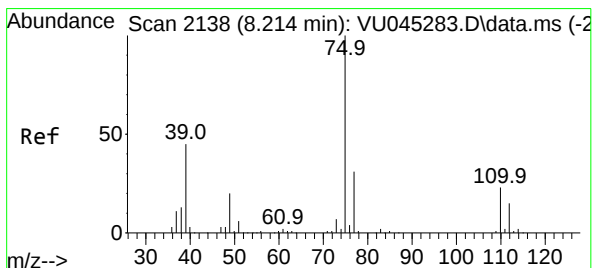
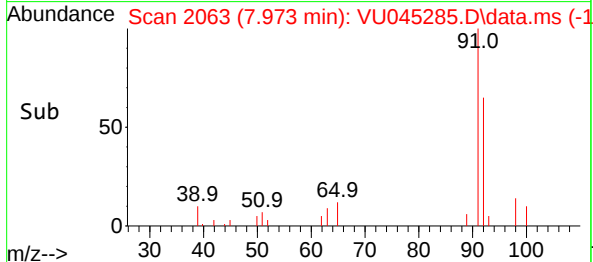
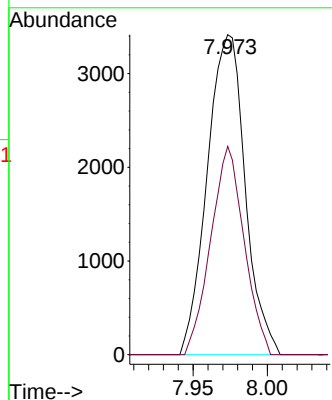
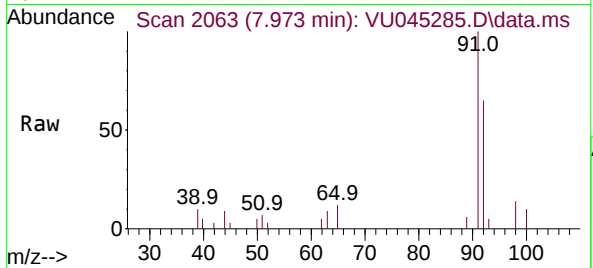




#42
Toluene
Concen: 0.631 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

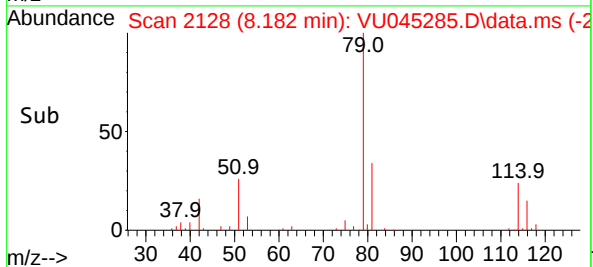
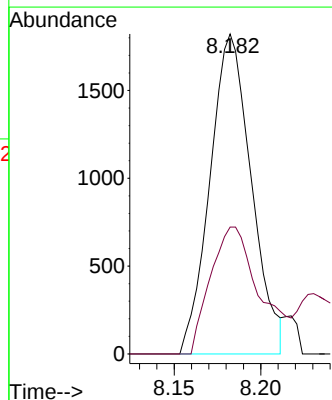
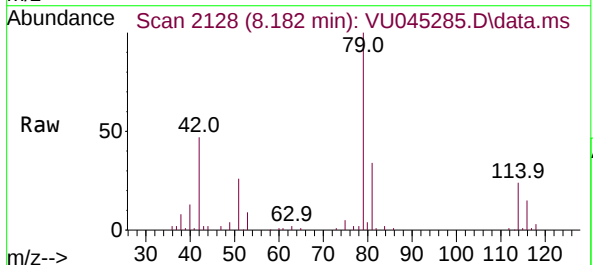
Instrument :
MSVOA_U
ClientSampled :

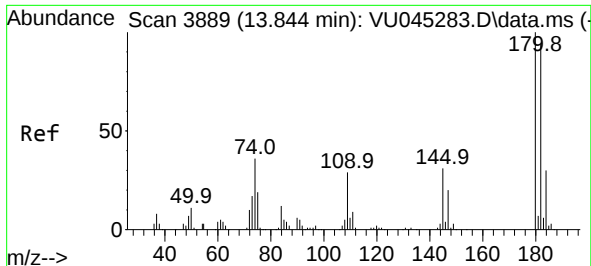
Tgt Ion: 91 Resp: 6069
Ion Ratio Lower Upper
91 100
92 65.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.862 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

Tgt Ion: 75 Resp: 3022
Ion Ratio Lower Upper
75 100
77 39.6 21.7 40.3

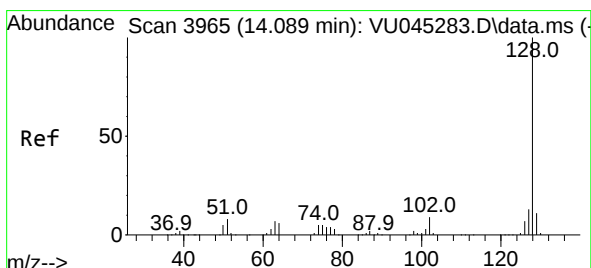
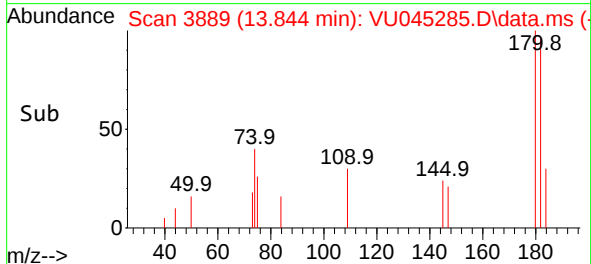
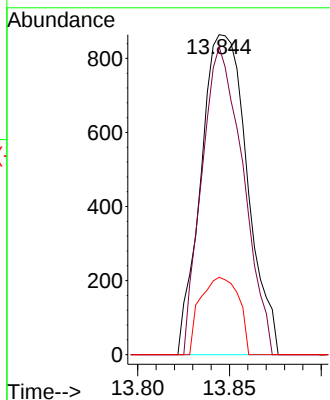
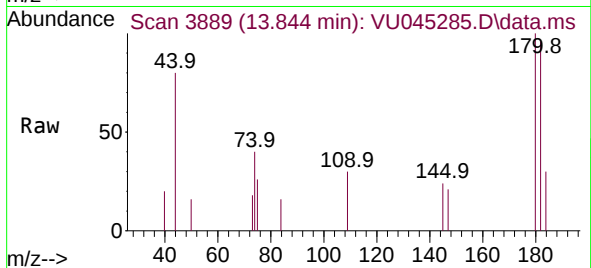




#70
1,2,4-trichlorobenzene
Concen: 0.684 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

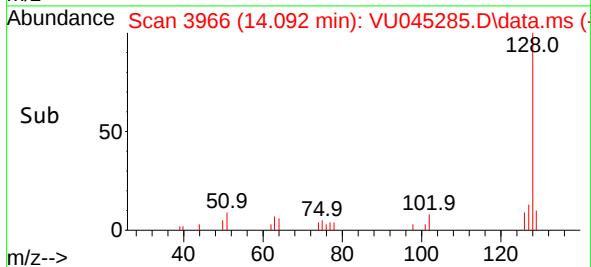
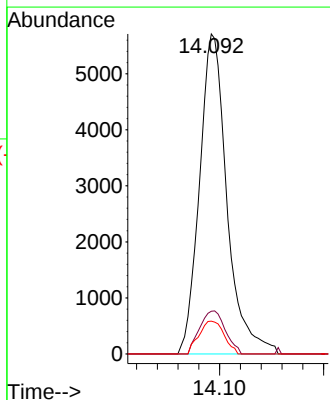
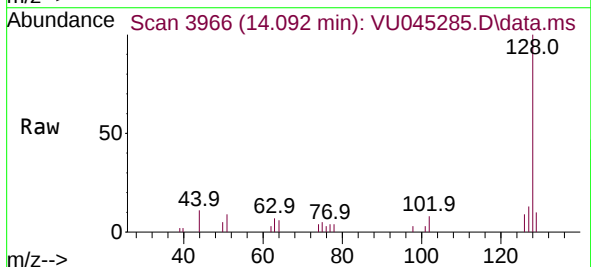
Instrument :
MSVOA_U
ClientSampled :

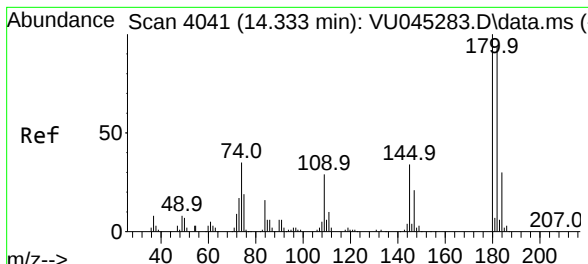
Tgt Ion:180 Resp: 1519
Ion Ratio Lower Upper
180 100
182 85.3 76.2 114.2
145 19.9 25.4 38.0#



#71
Naphthalene
Concen: 1.362 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045285.D
Acq: 12 Oct 2021 12:04

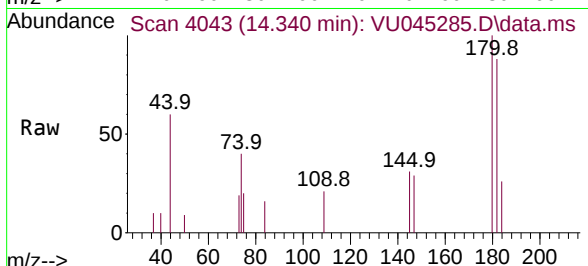
Tgt Ion:128 Resp: 10483
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 9.4 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.806 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.006 min
 Lab File: VU045285.D
 Acq: 12 Oct 2021 12:04

Instrument :
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Tgt Ion:	180	Resp:	1833
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.8	115.2
145	29.8	26.5	39.7

