

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045087.D
 Acq On : 04 Oct 2021 11:21
 Operator : SY/MD
 Sample : VU1004MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK008

Quant Time: Oct 05 02:43:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

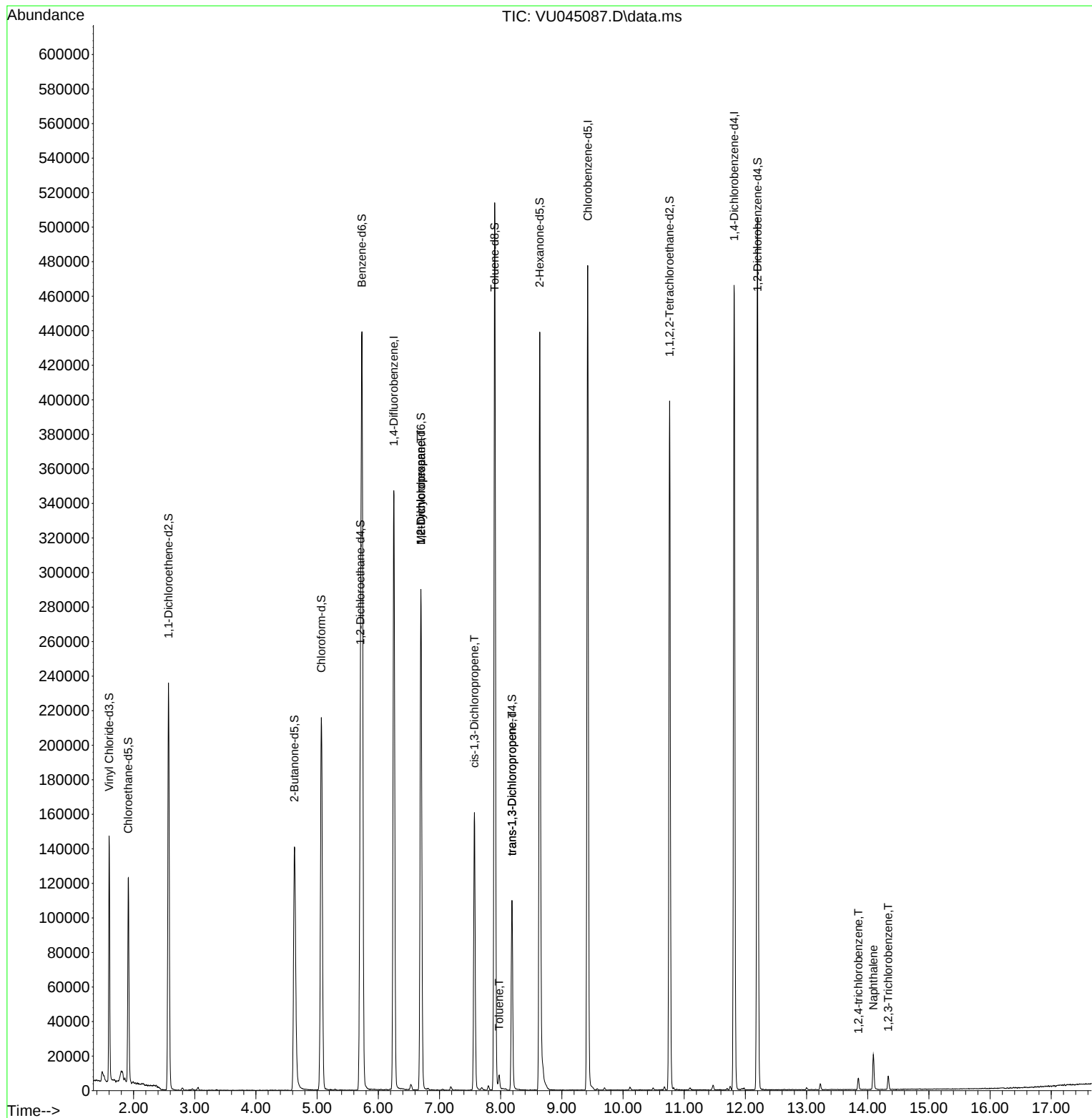
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	269763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	256975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99009	33.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.060%		
7) Chloroethane-d5	1.912	69	89638	38.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.600%		
11) 1,1-Dichloroethene-d2	2.572	63	137608	27.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.500%#		
21) 2-Butanone-d5	4.629	46	215426	92.273	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.270%		
24) Chloroform-d	5.070	84	198733	42.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.220%		
26) 1,2-Dichloroethane-d4	5.707	65	139955	44.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.600%		
32) Benzene-d6	5.732	84	391656	43.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.840%		
36) 1,2-Dichloropropane-d6	6.697	67	131350	45.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.360%		
41) Toluene-d8	7.903	98	328067	42.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.260%		
43) trans-1,3-Dichloroprop...	8.185	79	60135	46.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.000%		
47) 2-Hexanone-d5	8.639	63	154805	96.077	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.080%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	199487	44.061	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.120%		
66) 1,2-Dichlorobenzene-d4	12.198	152	124151	49.269	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.540%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.697	83	30860	8.052	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	14778	5.695	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4016	1.082	ug/L #	60
42) Toluene	7.976	91	5483	0.566	ug/L	90
44) trans-1,3-Dichloropropene	8.185	75	2808	0.795	ug/L #	79
70) 1,2,4-trichlorobenzene	13.844	180	2324	1.029	ug/L	94
71) Naphthalene	14.092	128	16277	2.080	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	2638	1.142	ug/L	96

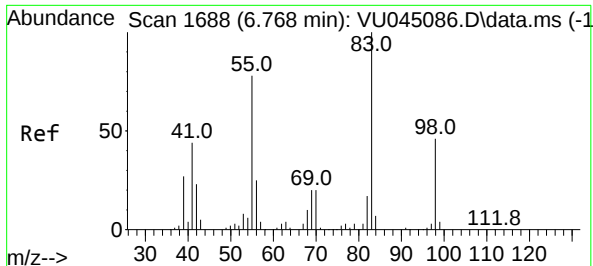
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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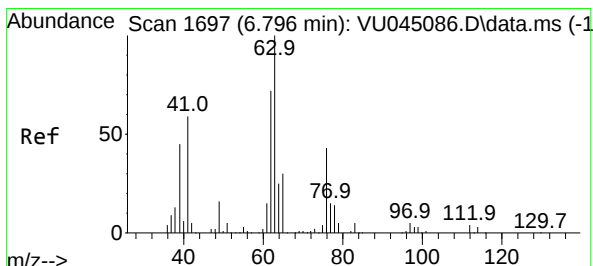
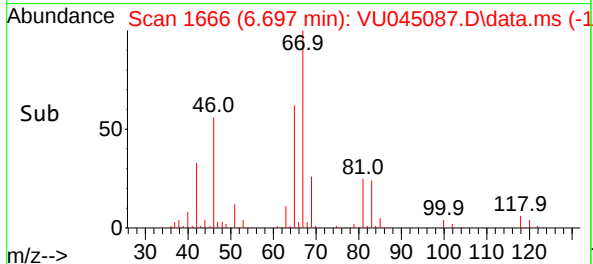
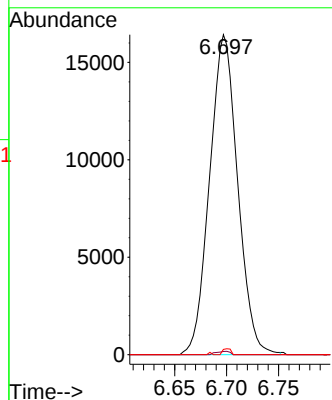
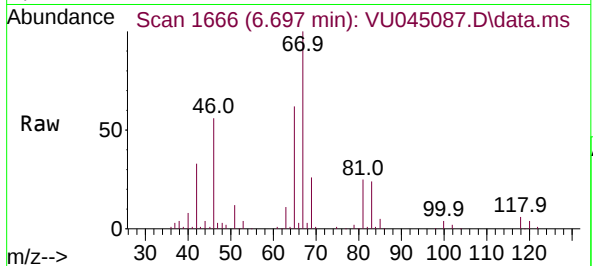




#35
Methylcyclohexane
Concen: 8.052 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

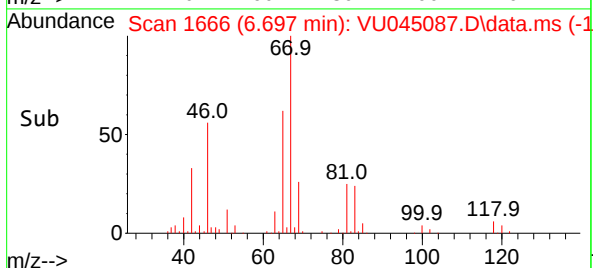
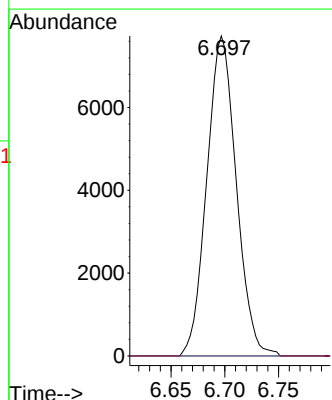
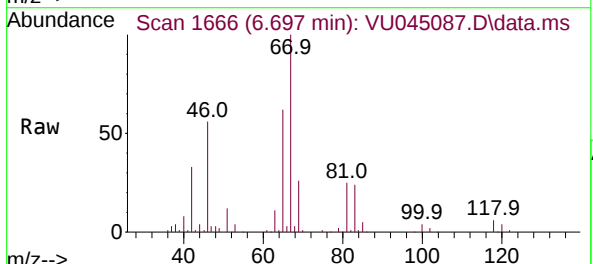
Instrument :
MSVOA_U
ClientSampleId :
VBLK008

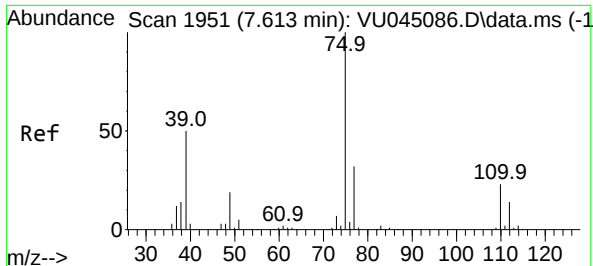
Tgt Ion: 83 Resp: 30860
Ion Ratio Lower Upper
83 100
55 0.5 65.8 98.6#
98 0.5 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.695 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

Tgt Ion: 63 Resp: 14778
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



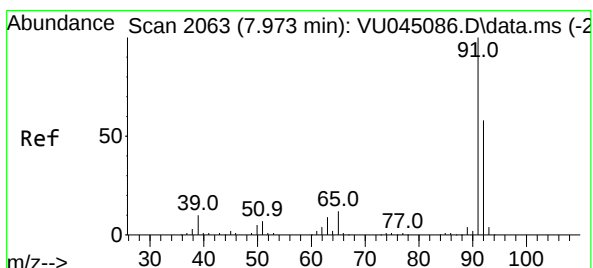
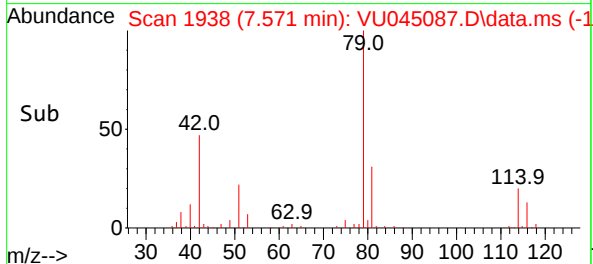
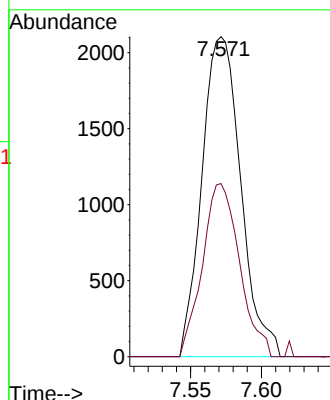
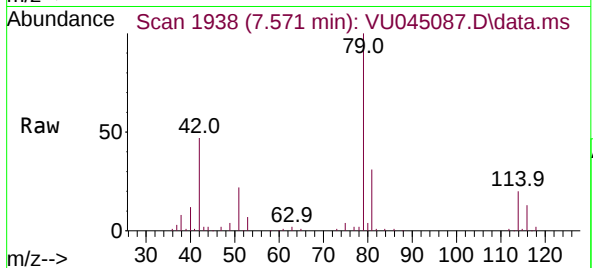


#39

cis-1,3-Dichloropropene
 Concen: 1.082 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU045087.D
 Acq: 04 Oct 2021 11:21

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK008

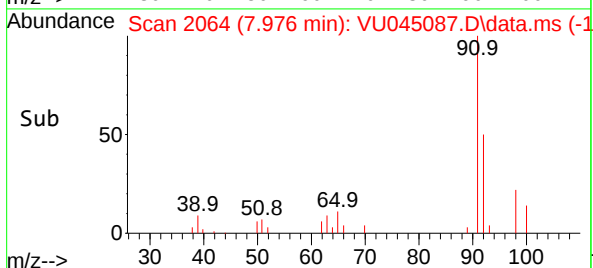
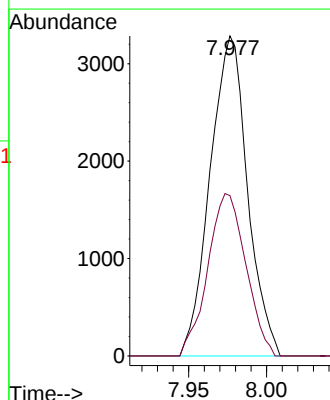
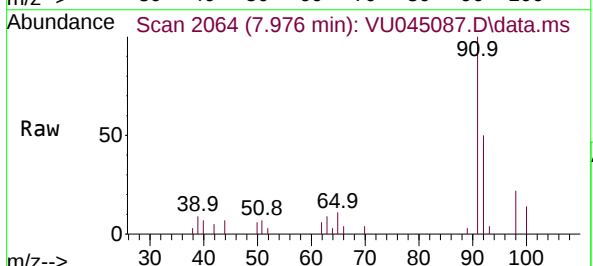
Tgt Ion: 75 Resp: 4016
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.4 41.6#

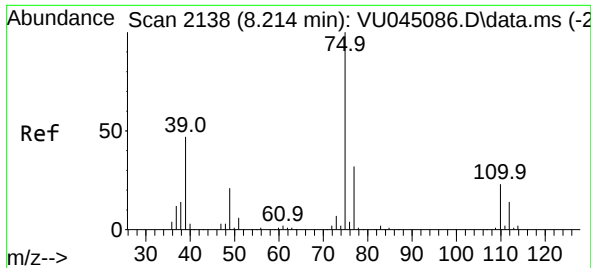


#42

Toluene
 Concen: 0.566 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. 0.003 min
 Lab File: VU045087.D
 Acq: 04 Oct 2021 11:21

Tgt Ion: 91 Resp: 5483
 Ion Ratio Lower Upper
 91 100
 92 50.1 40.5 75.1

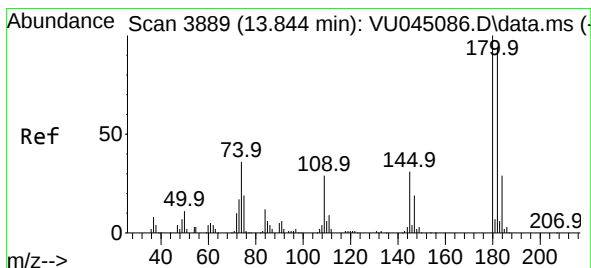
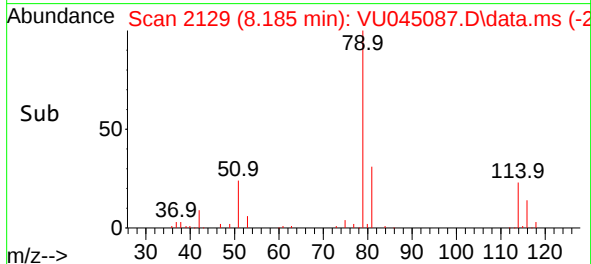
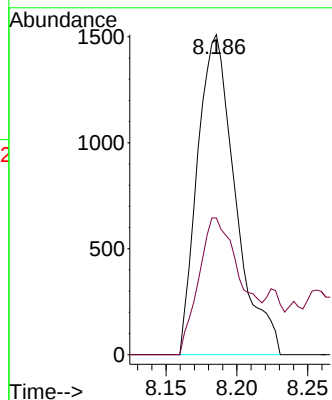
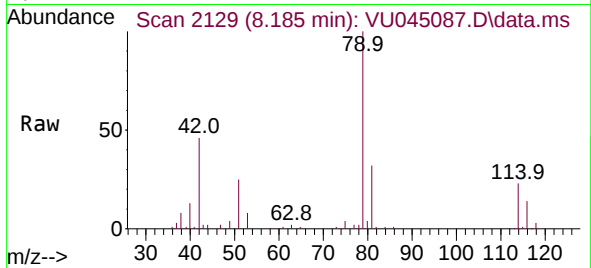




#44
trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

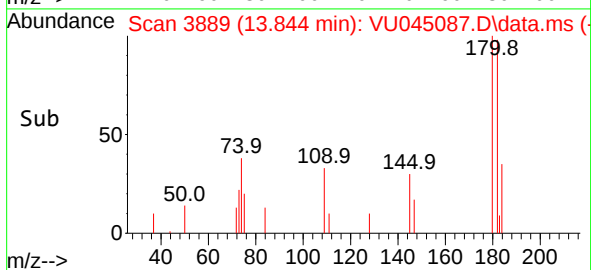
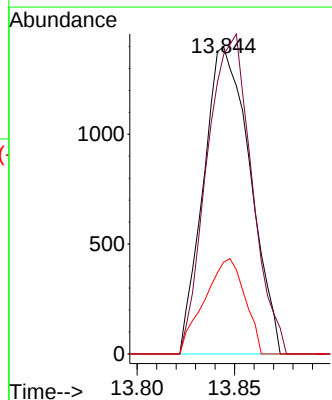
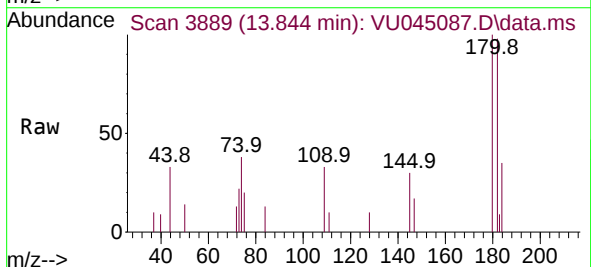
Instrument :
MSVOA_U
ClientSampled :
VBLK008

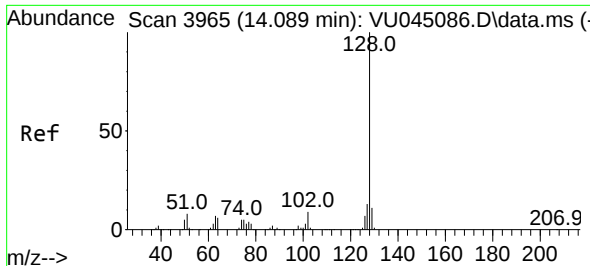
Tgt Ion: 75 Resp: 2808
Ion Ratio Lower Upper
75 100
77 42.8 21.7 40.3#



#70
1,2,4-trichlorobenzene
Concen: 1.029 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

Tgt Ion:180 Resp: 2324
Ion Ratio Lower Upper
180 100
182 99.9 76.2 114.2
145 26.9 25.4 38.0

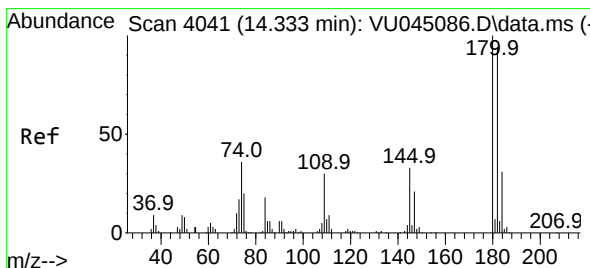
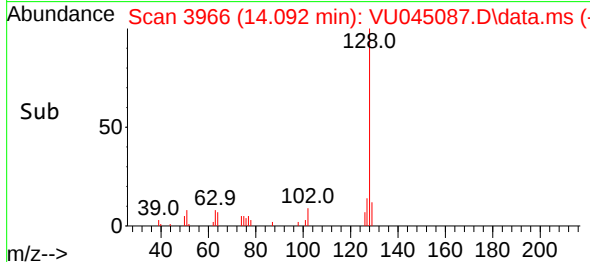
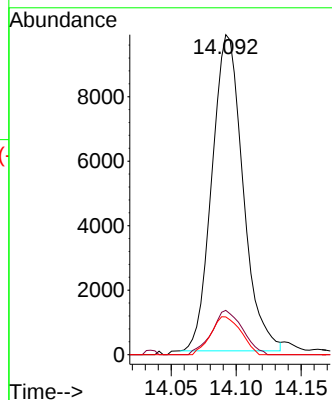
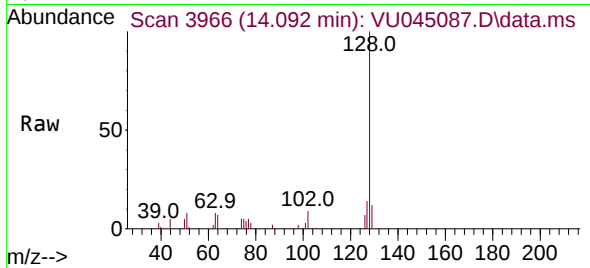




#71
Naphthalene
Concen: 2.080 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

Instrument :
MSVOA_U
ClientSampleId :
VBLK008

Tgt Ion:128	Resp:	16277
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.4 15.6
129	11.6	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.142 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045087.D
Acq: 04 Oct 2021 11:21

Tgt Ion:180	Resp:	2638
Ion Ratio	Lower	Upper
180	100	
182	100.7	76.8 115.2
145	31.4	26.5 39.7

