

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045144.D
 Acq On : 05 Oct 2021 14:57
 Operator : SY/MD
 Sample : M3996-06DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A22DL

Quant Time: Oct 06 01:45:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

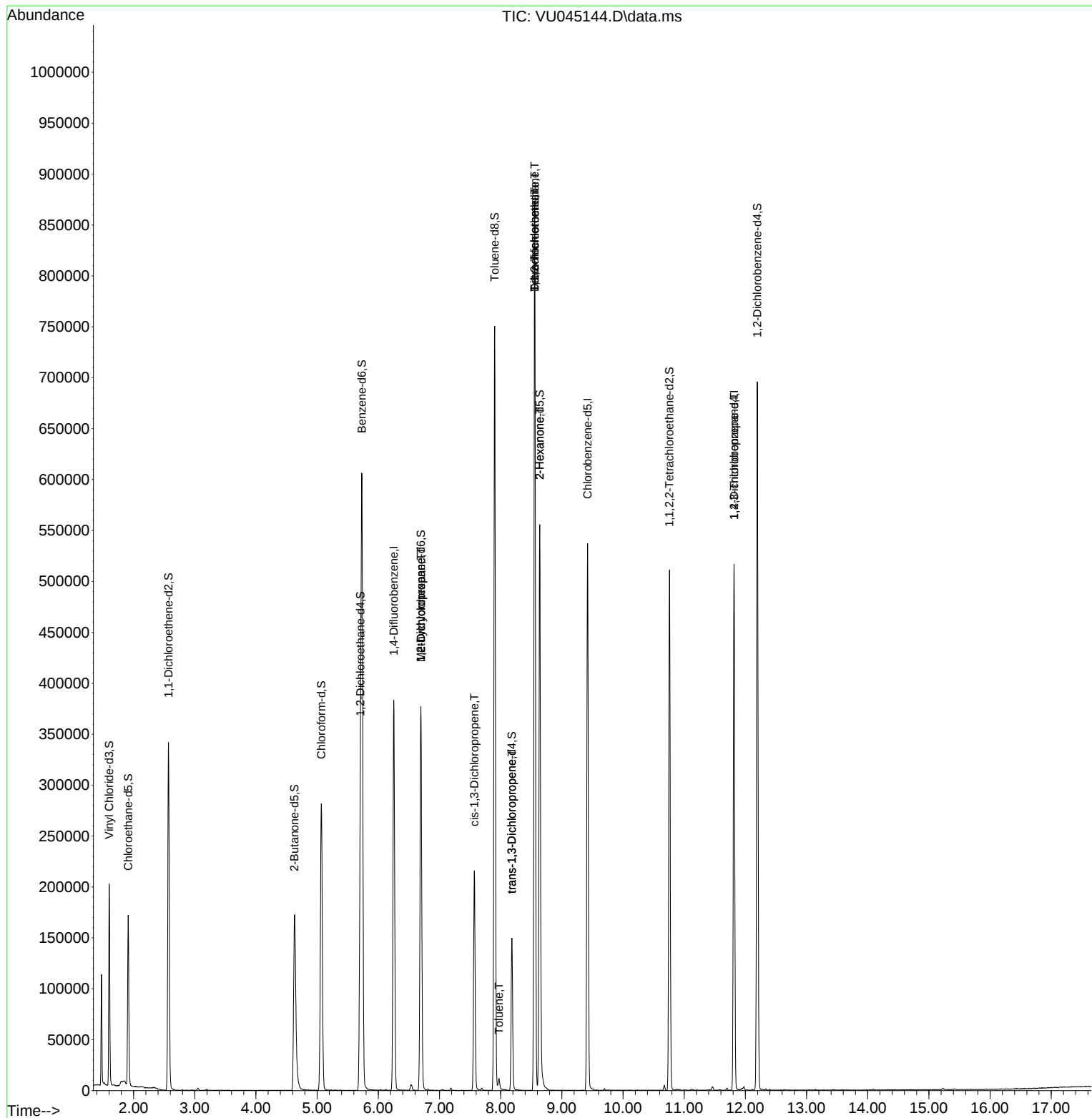
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300585	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	282250	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142046	43.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.340%		
7) Chloroethane-d5	1.912	69	126929	48.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.360%		
11) 1,1-Dichloroethene-d2	2.572	63	204617	37.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.060%		
21) 2-Butanone-d5	4.629	46	277833	106.801	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.800%		
24) Chloroform-d	5.070	84	257801	49.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.220%		
26) 1,2-Dichloroethane-d4	5.707	65	181606	51.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.180%		
32) Benzene-d6	5.732	84	544686	55.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.220%		
36) 1,2-Dichloropropane-d6	6.697	67	170813	53.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.980%		
41) Toluene-d8	7.903	98	473757	56.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.100%		
43) trans-1,3-Dichloroprop...	8.182	79	81545	57.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.800%		
47) 2-Hexanone-d5	8.639	63	197725	111.726	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.730%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	251976	50.670	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.340%		
66) 1,2-Dichlorobenzene-d4	12.195	152	166683	59.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.600%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.697	83	40292	9.571	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	19561	6.863	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	5293	1.298	ug/L #	74
42) Toluene	7.973	91	7378	0.694	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	3563	0.919	ug/L #	81
45) 1,1,2-Trichloroethane	8.555	97	1628	0.630	ug/L #	1
46) Tetrachloroethene	8.555	164	183372	102.030	ug/L	98
48) 2-Hexanone	8.639	43	22876	5.418	ug/L #	68
49) Dibromochloromethane	8.555	129	177729	69.571	ug/L #	11
60) 1,2,3-Trichloropropane	11.816	75	17067	4.818	ug/L #	66

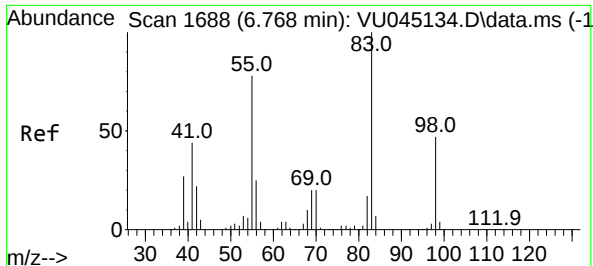
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 9.571 ug/L

RT: 6.697 min Scan# 1666

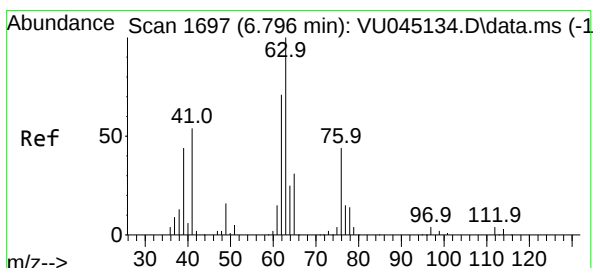
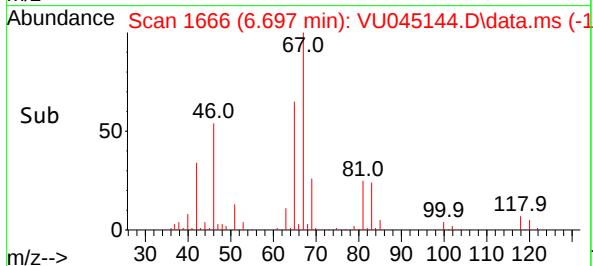
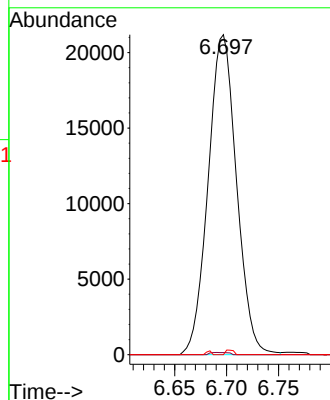
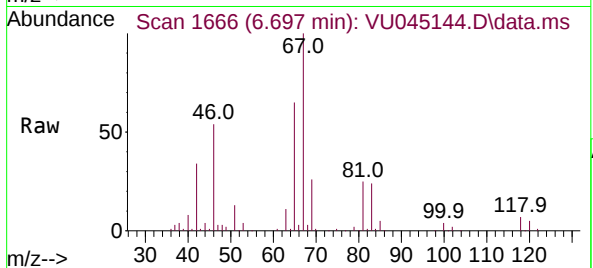
Delta R.T. -0.071 min

Lab File: VU045144.D

Acq: 05 Oct 2021 14:57

Tgt Ion:	83	Resp:	40292
Ion Ratio	Lower	Upper	
83	100		
55	0.0	65.8	98.6#
98	0.4	37.1	55.7#

Instrument :
MSVOA_U
ClientSampleId :
F4A22DL



#37

1,2-Dichloropropane

Concen: 6.863 ug/L

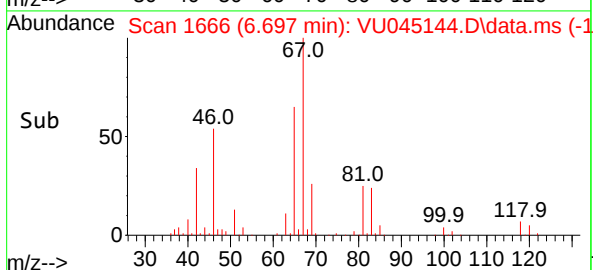
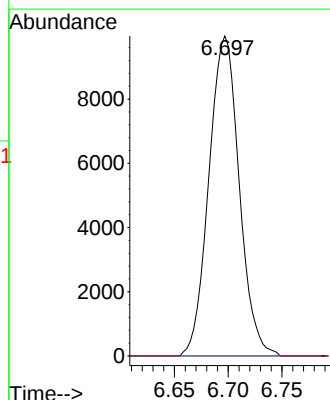
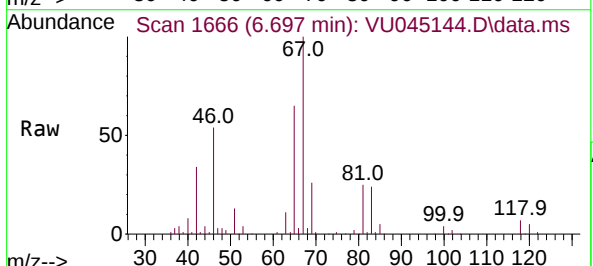
RT: 6.697 min Scan# 1666

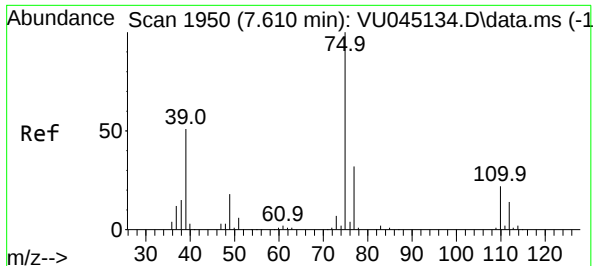
Delta R.T. -0.100 min

Lab File: VU045144.D

Acq: 05 Oct 2021 14:57

Tgt Ion:	63	Resp:	19561
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#



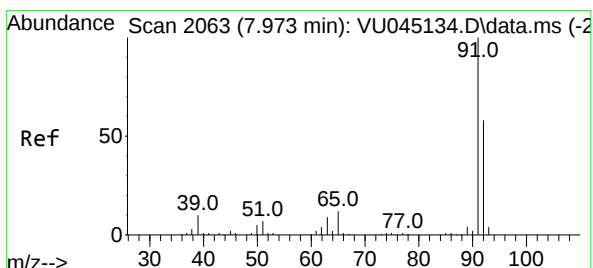
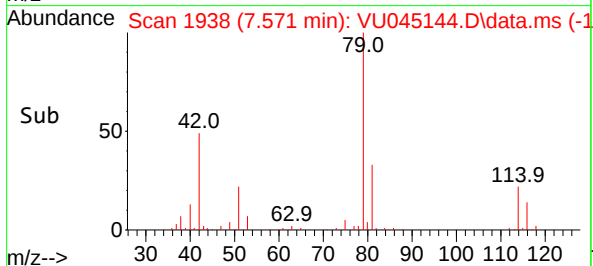
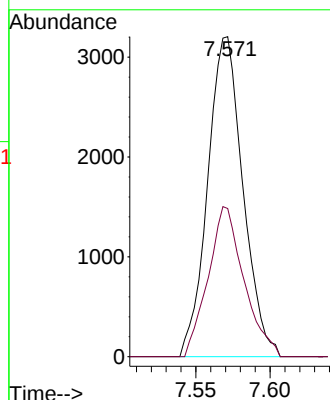
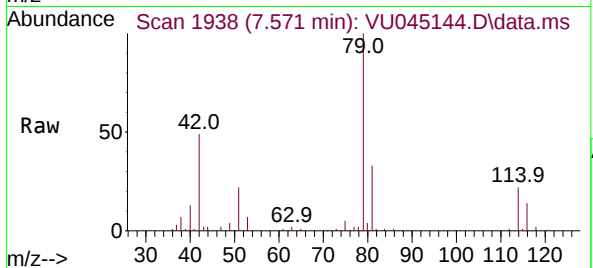


#39

cis-1,3-Dichloropropene
 Concen: 1.298 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.039 min
 Lab File: VU045144.D
 Acq: 05 Oct 2021 14:57

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A22DL

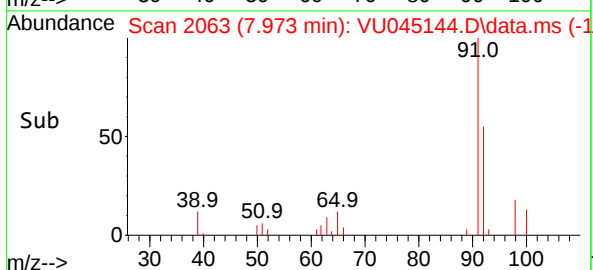
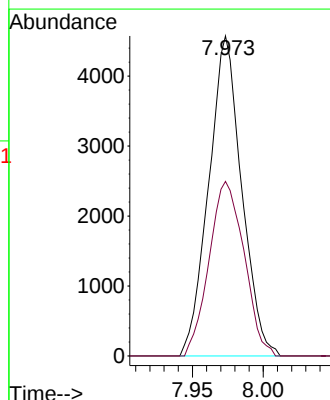
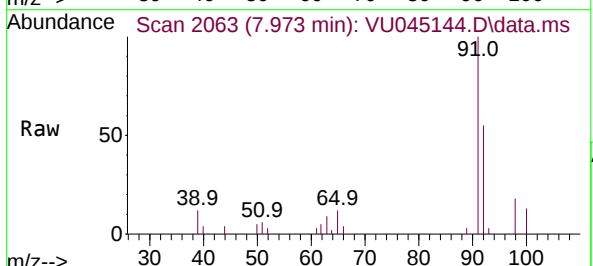
Tgt Ion: 75 Resp: 5293
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.4 41.6#

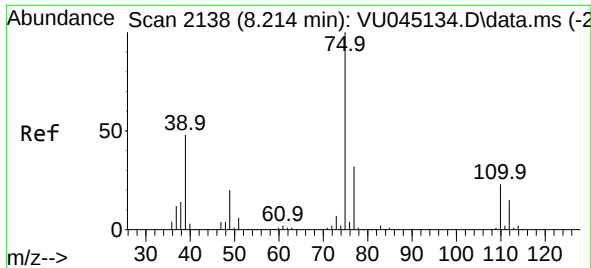


#42

Toluene
 Concen: 0.694 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU045144.D
 Acq: 05 Oct 2021 14:57

Tgt Ion: 91 Resp: 7378
 Ion Ratio Lower Upper
 91 100
 92 54.6 40.5 75.1

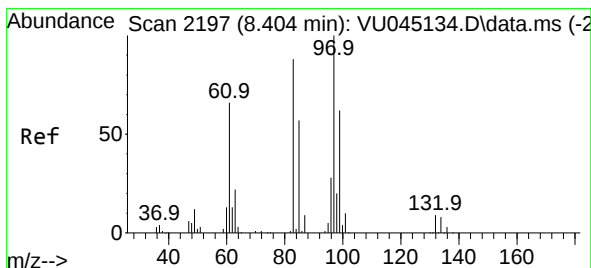
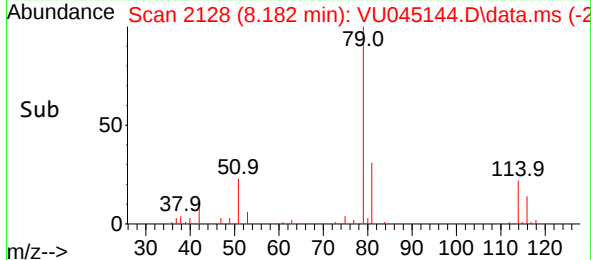
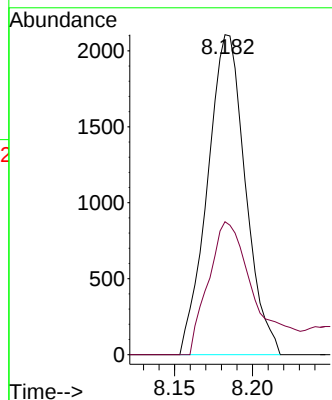
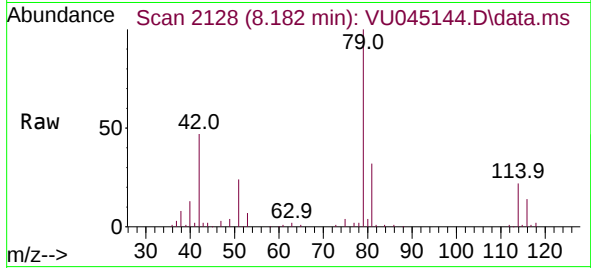




#44
trans-1,3-Dichloropropene
Concen: 0.919 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

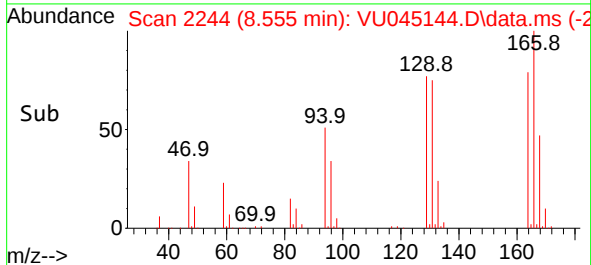
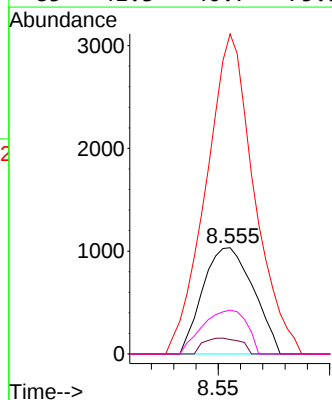
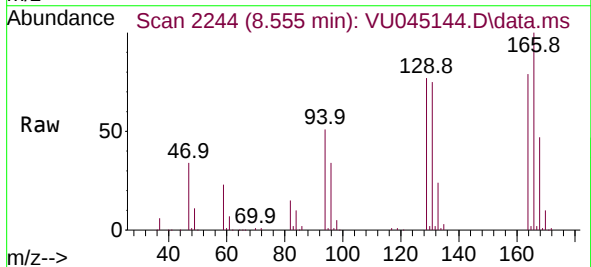
Instrument :
MSVOA_U
ClientSampleId :
F4A22DL

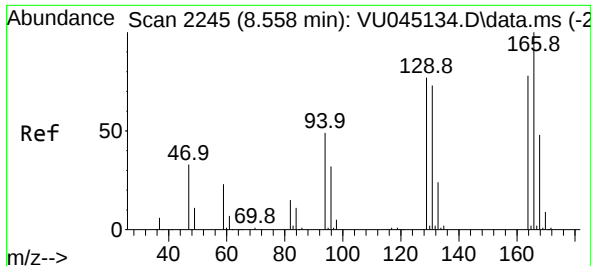
Tgt Ion: 75 Resp: 3563
Ion Ratio Lower Upper
75 100
77 41.5 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 0.630 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.151 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

Tgt Ion: 97 Resp: 1628
Ion Ratio Lower Upper
97 100
99 13.6 43.7 81.1#
83 301.1 61.9 115.1#
85 41.3 40.7 75.5

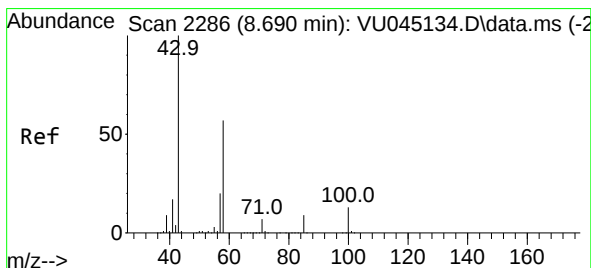
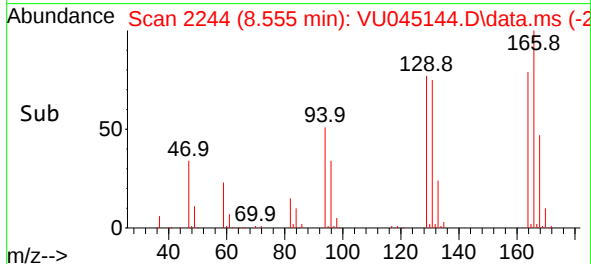
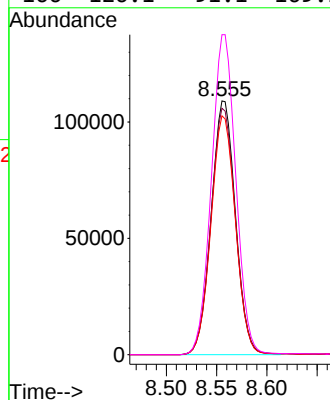
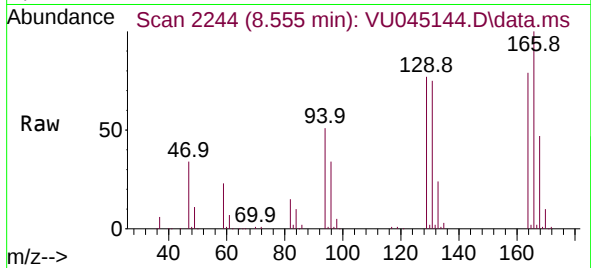




#46
Tetrachloroethene
Concen: 102.030 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

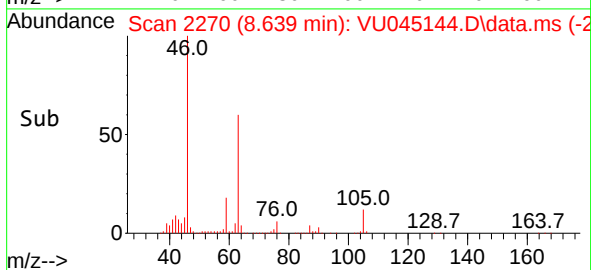
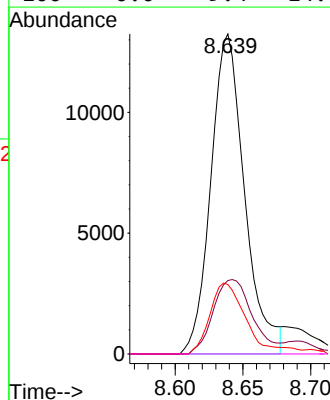
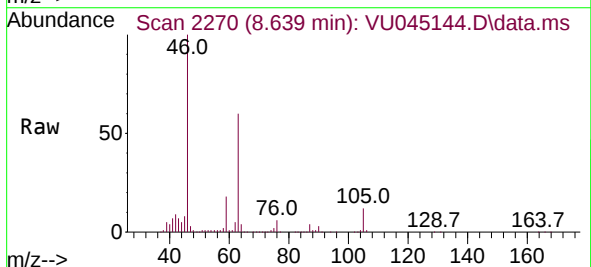
Instrument :
MSVOA_U
ClientSampleId :
F4A22DL

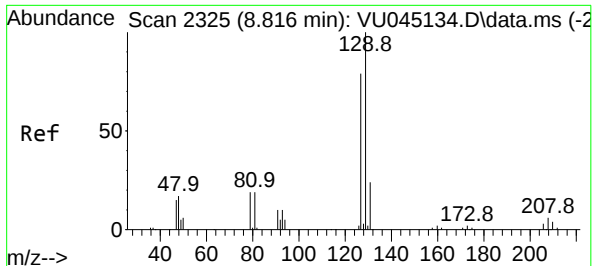
Tgt Ion:164 Resp: 183372
Ion Ratio Lower Upper
164 100
129 97.1 69.8 129.6
131 94.1 66.4 123.2
166 126.1 91.1 169.3



#48
2-Hexanone
Concen: 5.418 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

Tgt Ion: 43 Resp: 22876
Ion Ratio Lower Upper
43 100
58 27.1 44.9 67.3#
57 23.9 15.5 23.3#
100 0.0 9.4 14.0#

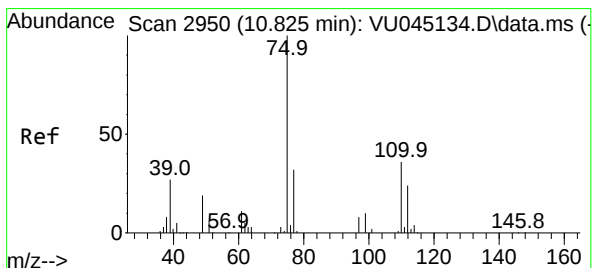
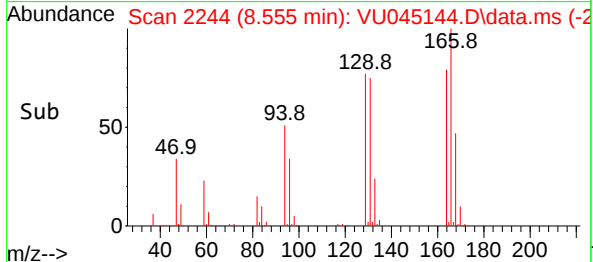
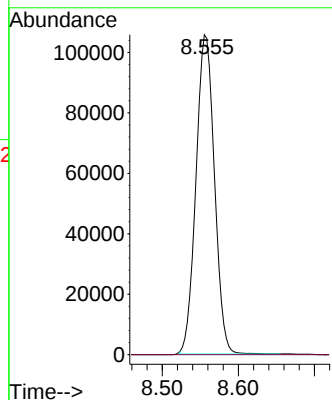
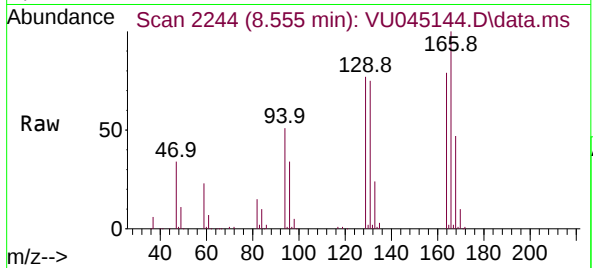




#49
Dibromochloromethane
Concen: 69.571 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:129 Resp: 177729
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#



#60
1,2,3-Trichloropropane
Concen: 4.818 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045144.D
Acq: 05 Oct 2021 14:57

Tgt Ion: 75 Resp: 17067
Ion Ratio Lower Upper
75 100
77 35.9 25.5 38.3
110 2.3 29.0 43.4#

