

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451194.D
 Acq On : 06 Oct 2021 18:36
 Operator : SY/MD
 Sample : M3973-22ME
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

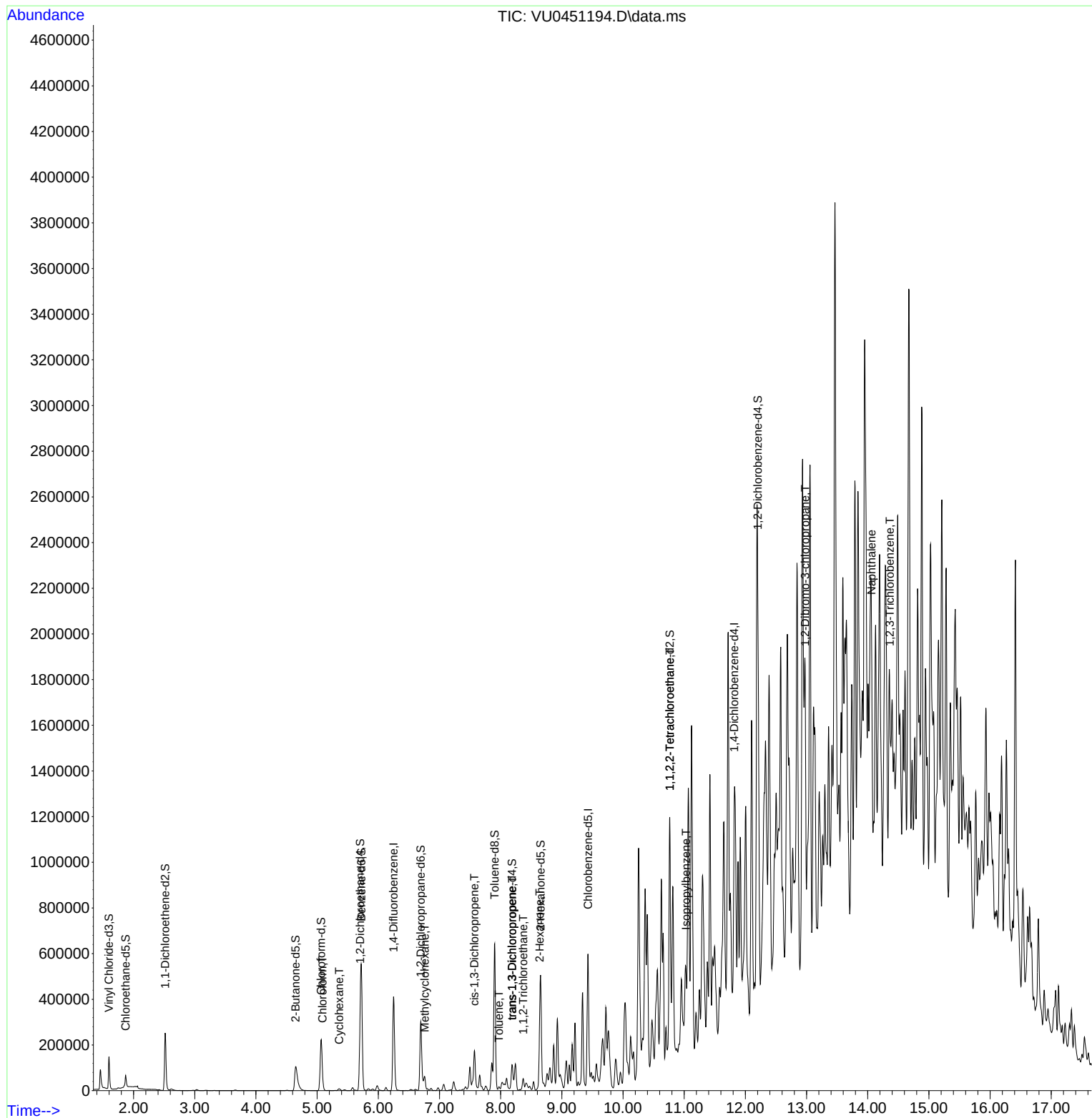
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345315	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	335005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	166608	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	112321	29.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.420%#		
7) Chloroethane-d5	1.871	69	37747	12.601	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.200%#		
11) 1,1-Dichloroethene-d2	2.517	63	169554	26.709	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.420%#		
21) 2-Butanone-d5	4.649	46	224146	75.002	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.000%		
24) Chloroform-d	5.067	84	215662	36.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.240%		
26) 1,2-Dichloroethane-d4	5.703	65	157922	39.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.100%		
32) Benzene-d6	5.723	84	464044	39.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.840%		
36) 1,2-Dichloropropane-d6	6.694	67	153232	40.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.860%		
41) Toluene-d8	7.903	98	418550	41.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.440%		
43) trans-1,3-Dichloroprop...	8.185	79	70673	41.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
47) 2-Hexanone-d5	8.652	63	173253	82.481	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.480%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	238224	40.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.720%		
66) 1,2-Dichlorobenzene-d4	12.201	152	155965	43.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
Target Compounds						Qvalue
25) Chloroform	5.086	83	3021	0.519	ug/L	76
29) Cyclohexane	5.362	56	2781	0.552	ug/L #	59
35) Methylcyclohexane	6.758	83	25143	5.032	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	4367	0.902	ug/L #	70
42) Toluene	7.973	91	7033	0.557	ug/L	97
44) trans-1,3-Dichloropropene	8.189	75	3331	0.724	ug/L	89
45) 1,1,2-Trichloroethane	8.369	97	17875	5.830	ug/L #	19
48) 2-Hexanone	8.639	43	79929	15.950	ug/L #	35
57) 1,1,2,2-Tetrachloroethane	10.767	83	16180	2.756	ug/L #	89
61) Isopropylbenzene	11.031	105	57469	4.713	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.980	75	5279	3.986	ug/L #	18
71) Naphthalene	14.063	128	24505	2.176	ug/L #	1
72) 1,2,3-Trichlorobenzene	14.359	180	5884	1.770	ug/L #	1

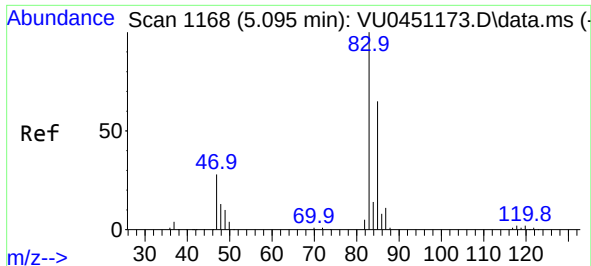
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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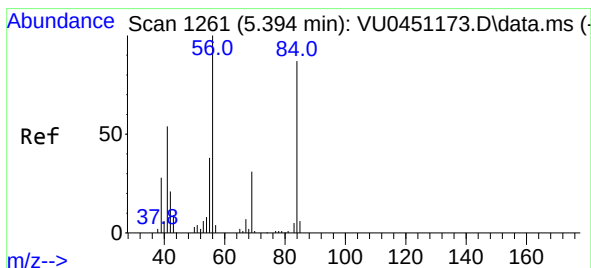
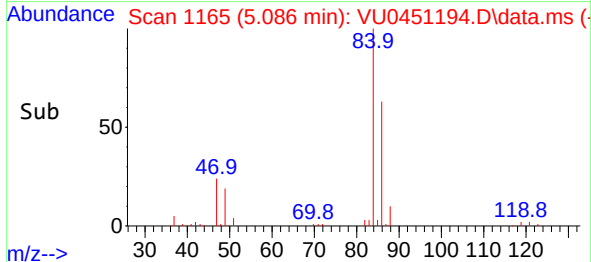
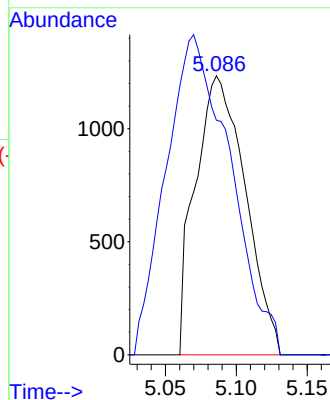
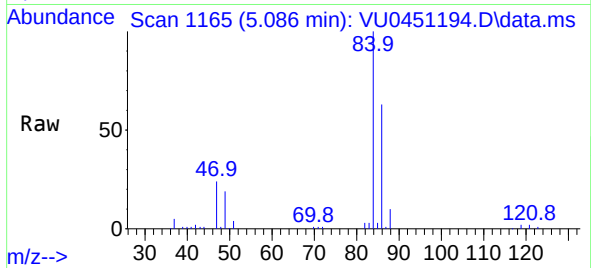




#25
Chloroform
Concen: 0.519 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.009 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

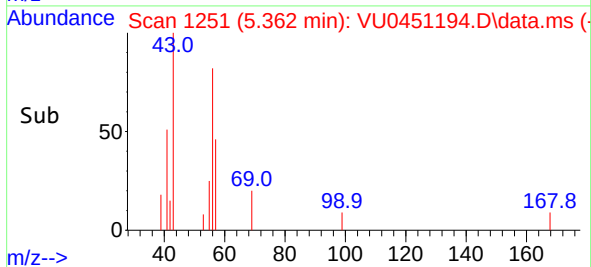
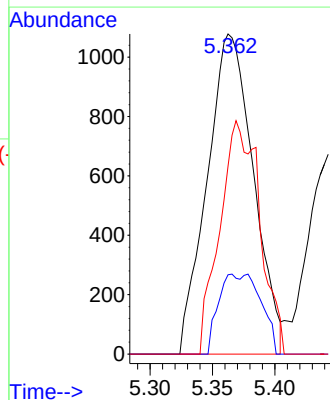
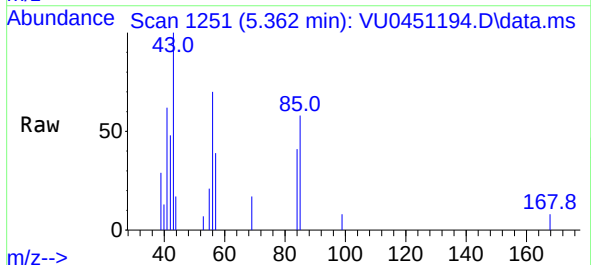
Instrument :
MSVOA_U
ClientSampled :

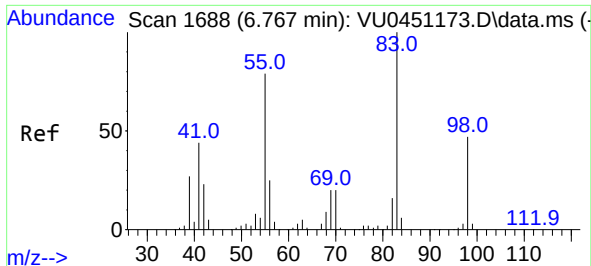
Tgt Ion: 83 Resp: 3021
Ion Ratio Lower Upper
83 100
85 84.1 45.6 84.6



#29
Cyclohexane
Concen: 0.552 ug/L
RT: 5.362 min Scan# 1251
Delta R.T. -0.032 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

Tgt Ion: 56 Resp: 2781
Ion Ratio Lower Upper
56 100
69 12.0 23.8 35.8#
84 43.3 66.8 100.2#

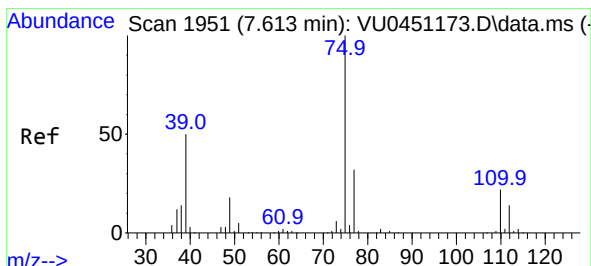
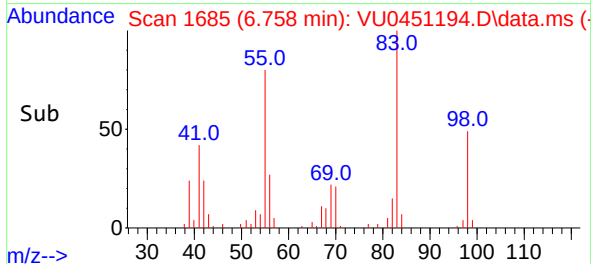
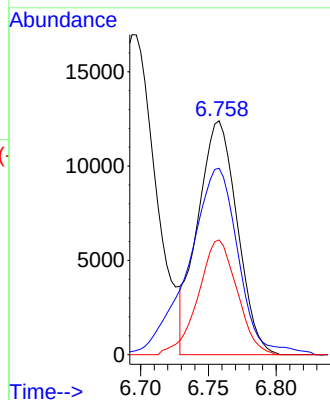
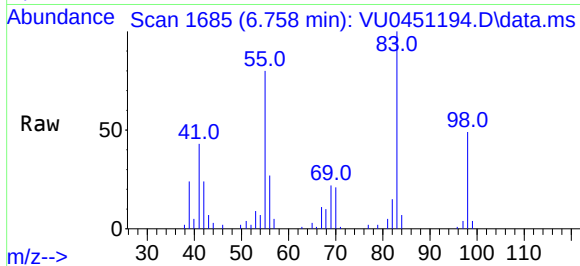




#35
Methylcyclohexane
Concen: 5.032 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.009 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

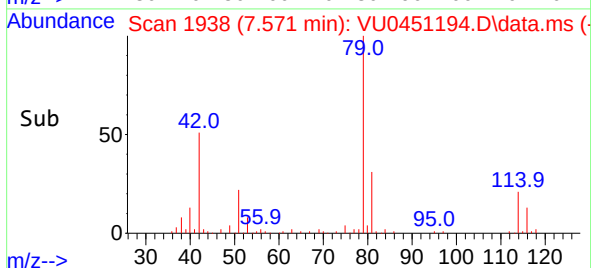
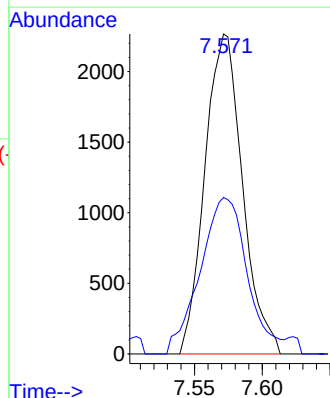
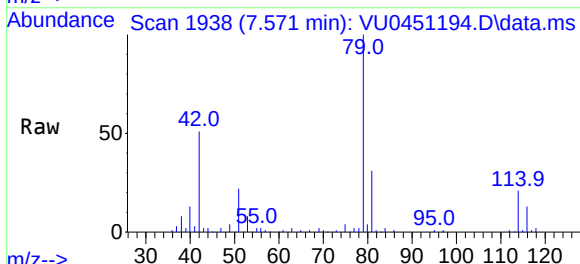
Instrument :
MSVOA_U
ClientSampleId :

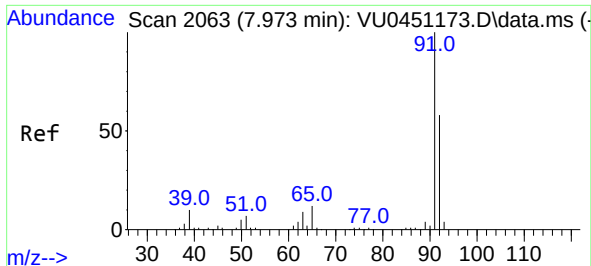
Tgt Ion: 83 Resp: 25143
Ion Ratio Lower Upper
83 100
55 100.6 65.8 98.6#
98 48.1 37.1 55.7



#39
cis-1,3-Dichloropropene
Concen: 0.902 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

Tgt Ion: 75 Resp: 4367
Ion Ratio Lower Upper
75 100
77 48.9 22.4 41.6#

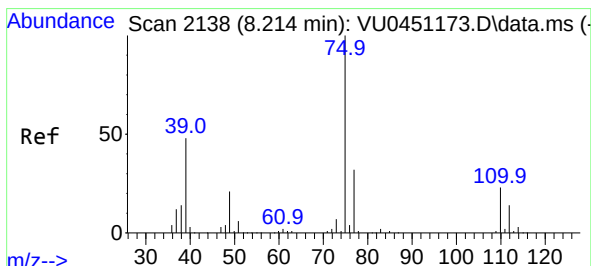
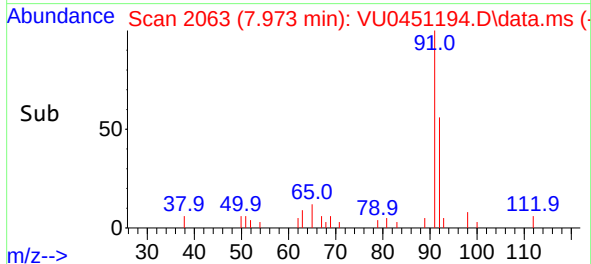
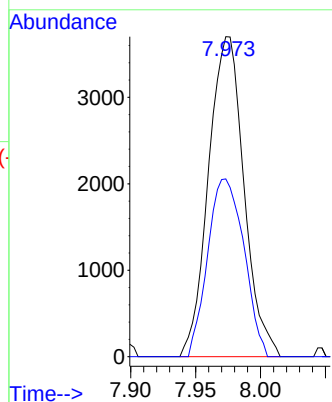
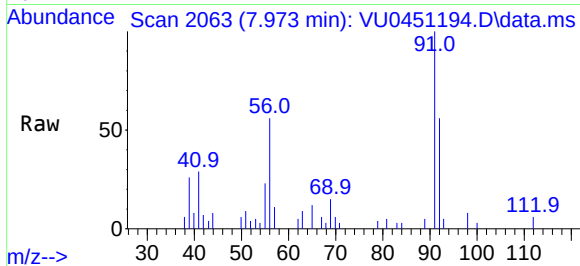




#42
Toluene
Concen: 0.557 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

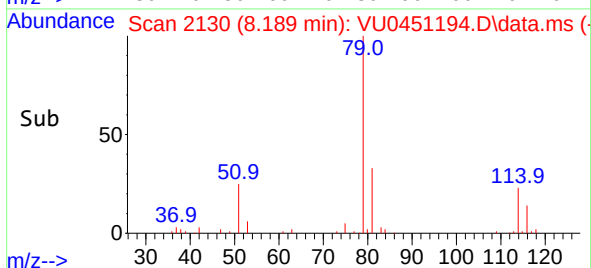
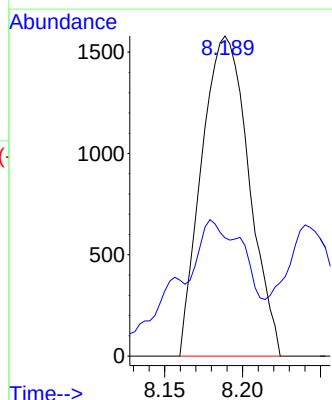
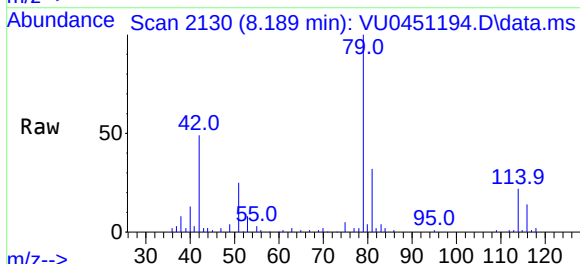
Instrument :
MSVOA_U
ClientSampleId :

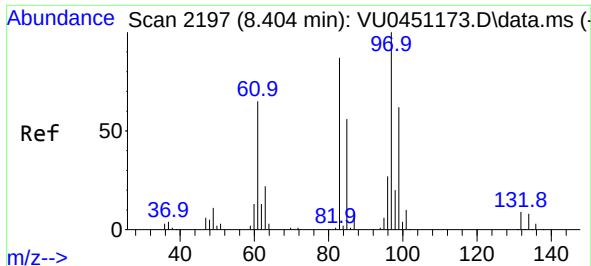
Tgt Ion: 91 Resp: 7033
Ion Ratio Lower Upper
91 100
92 55.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

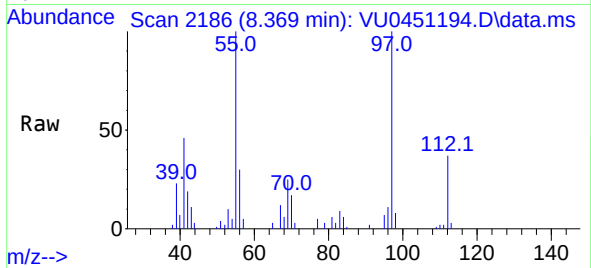
Tgt Ion: 75 Resp: 3331
Ion Ratio Lower Upper
75 100
77 36.9 21.7 40.3





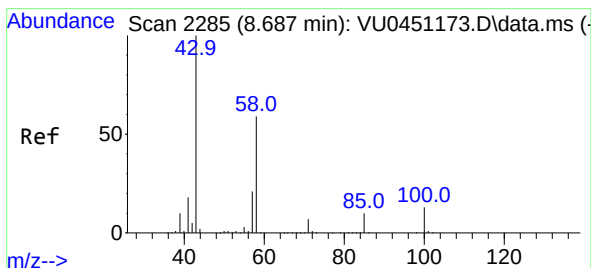
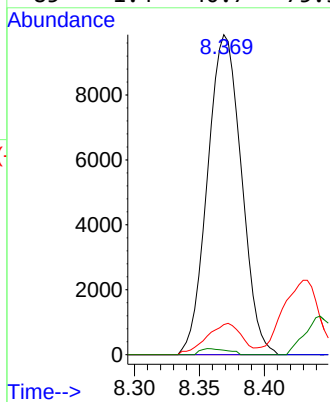
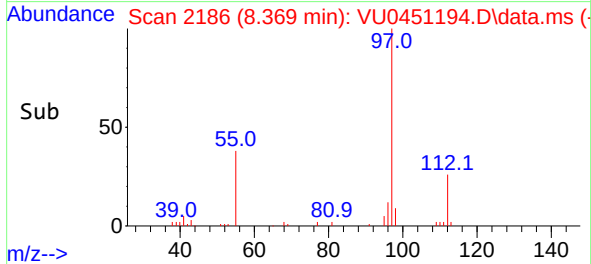
#45
1,1,2-Trichloroethane
Concen: 5.830 ug/L
RT: 8.369 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

Instrument :
MSVOA_U
ClientSampleId :

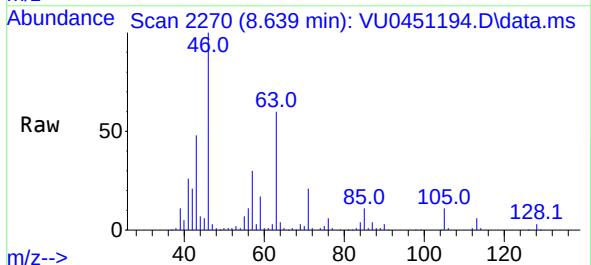


Tgt Ion: 97 Resp: 17875

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	9.4	61.9	115.1#
85	1.4	40.7	75.5#

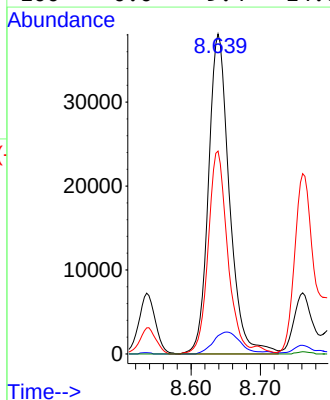
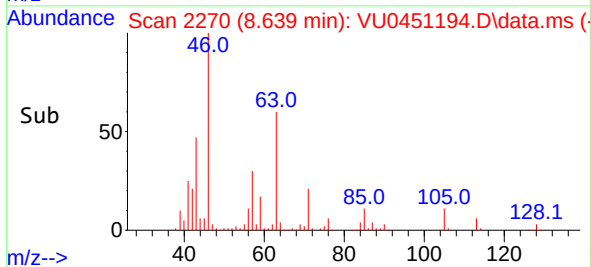


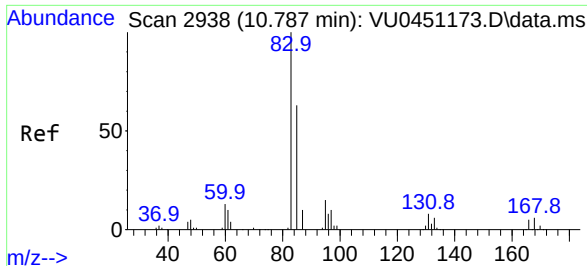
#48
2-Hexanone
Concen: 15.950 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.048 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36



Tgt Ion: 43 Resp: 79929

Ion	Ratio	Lower	Upper
43	100		
58	8.9	44.9	67.3#
57	58.8	15.5	23.3#
100	0.0	9.4	14.0#

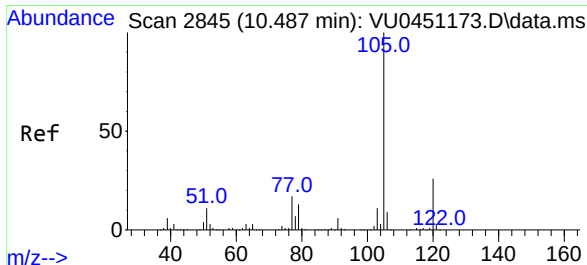
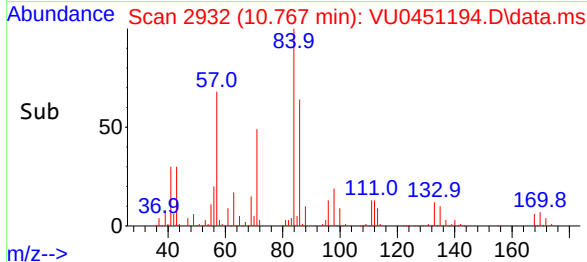
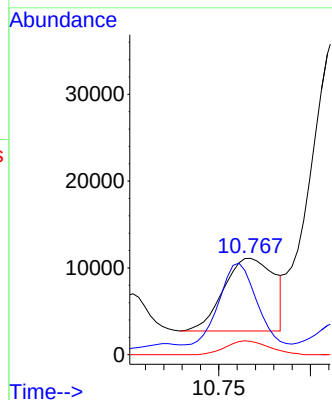
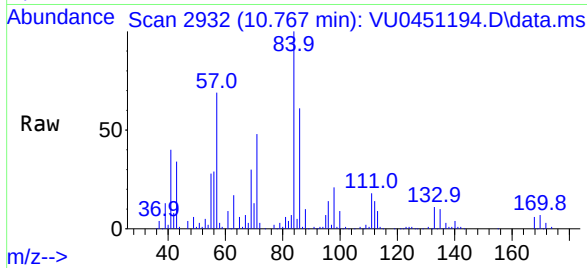




#57
1,1,2,2-Tetrachloroethane
Concen: 2.756 ug/L
RT: 10.767 min Scan# 2932
Delta R.T. -0.019 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

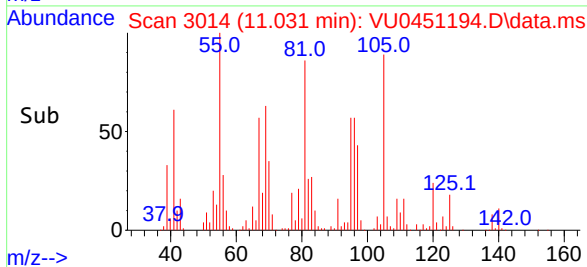
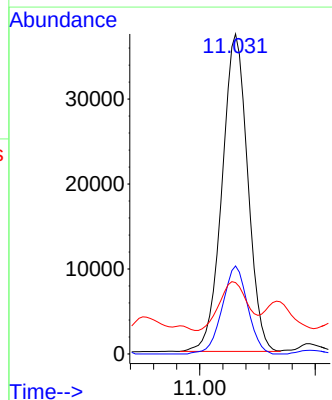
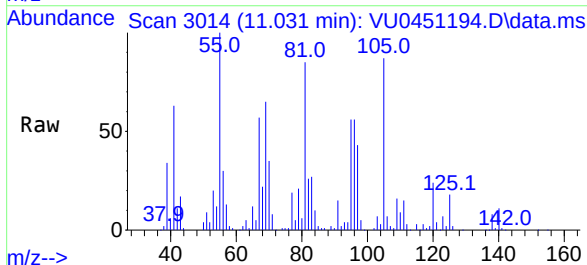
Instrument :
MSVOA_U
ClientSampleId :

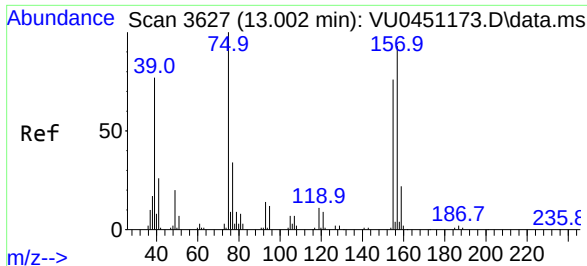
Tgt Ion: 83 Resp: 16180
Ion Ratio Lower Upper
83 100
85 72.9 45.1 83.7
131 13.8 6.9 10.3#



#61
Isopropylbenzene
Concen: 4.713 ug/L
RT: 11.031 min Scan# 3014
Delta R.T. 0.544 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

Tgt Ion: 105 Resp: 57469
Ion Ratio Lower Upper
105 100
120 27.5 20.5 30.7
77 15.7 13.5 20.3

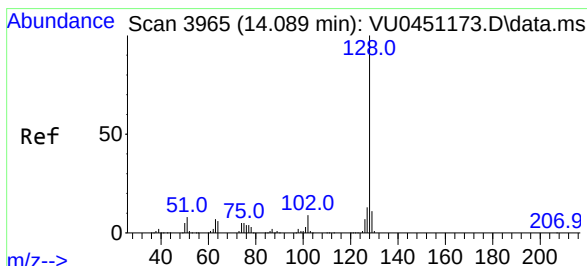
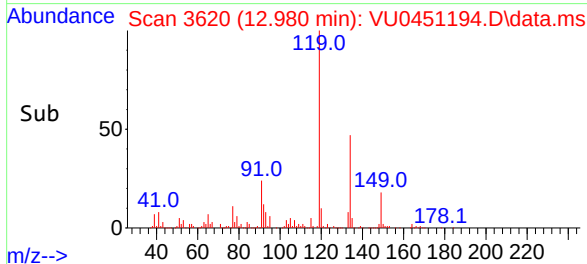
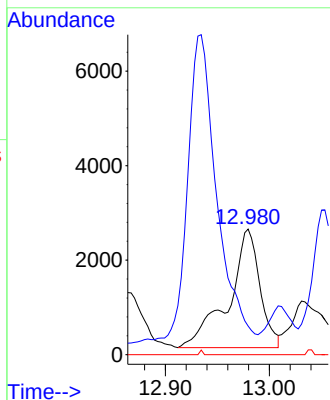
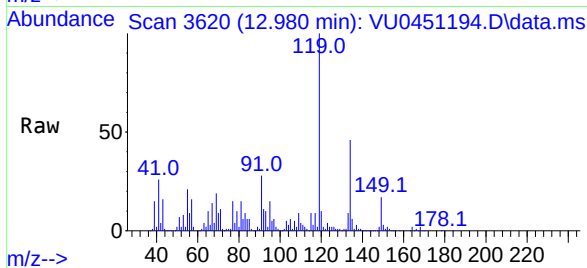




#68
1,2-Dibromo-3-chloropropane
Concen: 3.986 ug/L
RT: 12.980 min Scan# 3620
Delta R.T. -0.022 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

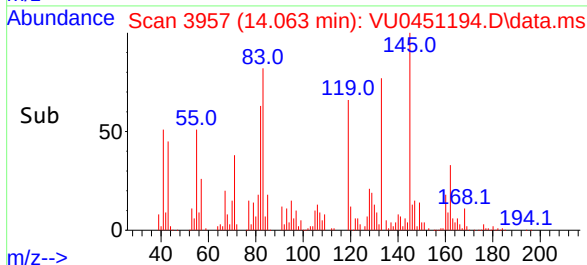
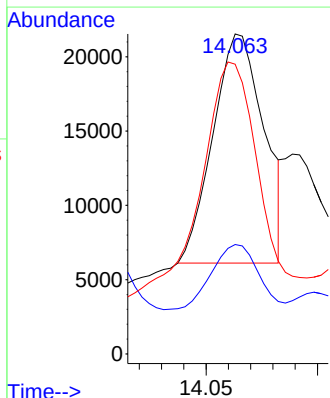
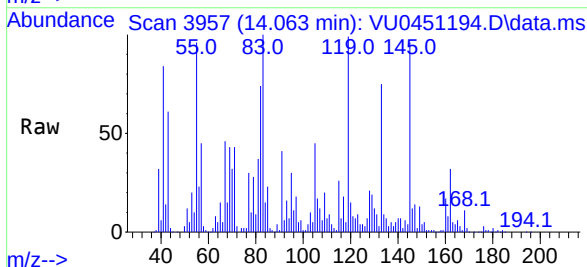
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MSVOA_U
ClientSampleId :

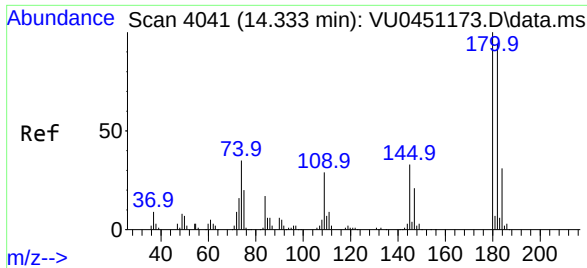
Tgt Ion: 75 Resp: 5279
Ion Ratio Lower Upper
75 100
155 22.8 58.5 87.7#
157 0.0 77.7 116.5#



#71
Naphthalene
Concen: 2.176 ug/L
RT: 14.063 min Scan# 3957
Delta R.T. -0.026 min
Lab File: VU0451194.D
Acq: 06 Oct 2021 18:36

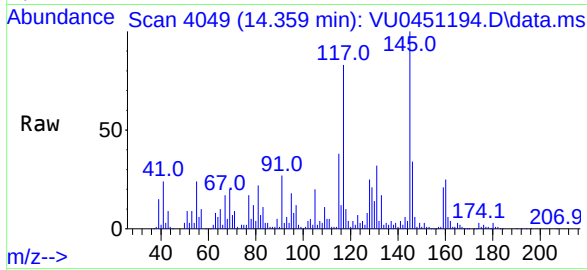
Tgt Ion: 128 Resp: 24505
Ion Ratio Lower Upper
128 100
127 23.8 10.4 15.6#
129 90.7 8.8 13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.770 ug/L
 RT: 14.359 min Scan# 4049
 Delta R.T. 0.026 min
 Lab File: VU0451194.D
 Acq: 06 Oct 2021 18:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 5884
 Ion Ratio Lower Upper
 180 100
 182 25.0 76.8 115.2#
 145 5317.0 26.5 39.7#

