

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050494.D
 Acq On : 29 Aug 2022 19:07
 Operator : SY/MD
 Sample : N4322-10ME
 Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:17:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

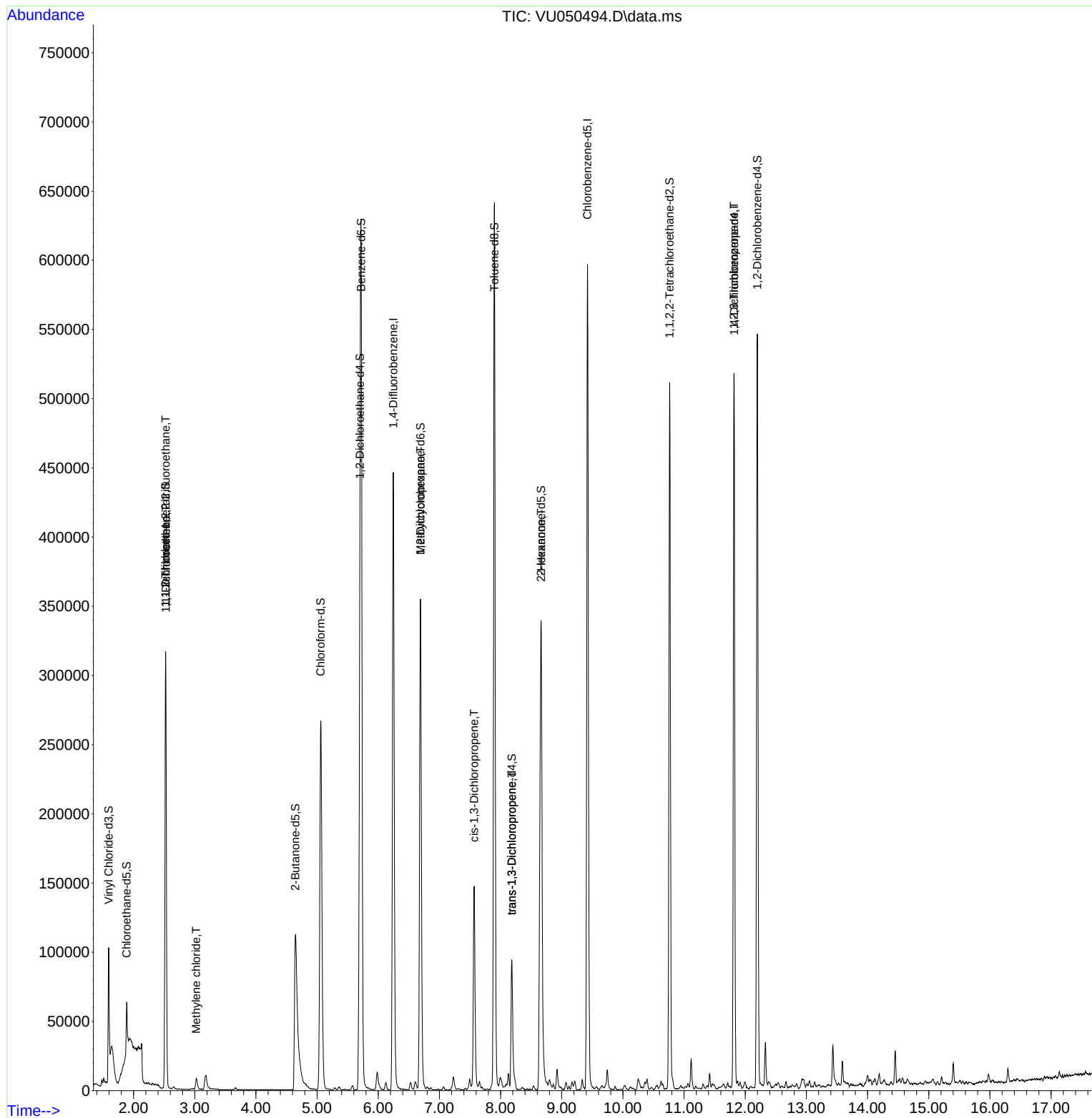
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	387674	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	374521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	139620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	84868	18.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	37.020%#		
7) Chloroethane-d5	1.887	69	32031	9.443	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	18.880%#		
11) 1,1-Dichloroethene-d2	2.523	63	191690	29.590	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.180%#		
21) 2-Butanone-d5	4.645	46	244312	81.427	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.430%		
24) Chloroform-d	5.060	84	264913	36.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.000%		
26) 1,2-Dichloroethane-d4	5.700	65	175298	38.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.660%		
32) Benzene-d6	5.719	84	553489	39.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.000%		
36) 1,2-Dichloropropane-d6	6.690	67	183301	39.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.960%		
41) Toluene-d8	7.899	98	452222	37.346	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.700%#		
43) trans-1,3-Dichloroprop...	8.182	79	60525	31.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.300%		
47) 2-Hexanone-d5	8.661	63	155281	91.273	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.270%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	265933	37.609	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.220%		
66) 1,2-Dichlorobenzene-d4	12.198	152	145501	43.626	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.260%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	1833	0.681	ug/L #	21
12) 1,1-Dichloroethene	2.526	96	1497	0.629	ug/L #	1
16) Methylene chloride	3.025	84	4443	1.341	ug/L	91
35) Methylcyclohexane	6.690	83	43099	11.483	ug/L #	18
39) cis-1,3-Dichloropropene	7.568	75	3726	0.861	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	2604	0.646	ug/L #	81
48) 2-Hexanone	8.664	43	21941	6.002	ug/L #	68
60) 1,2,3-Trichloropropane	11.815	75	18243	5.070	ug/L #	68

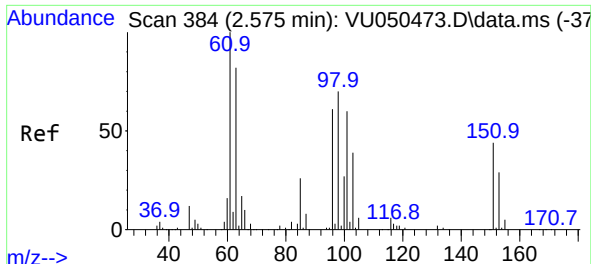
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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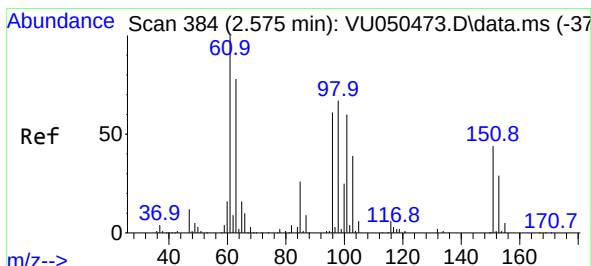
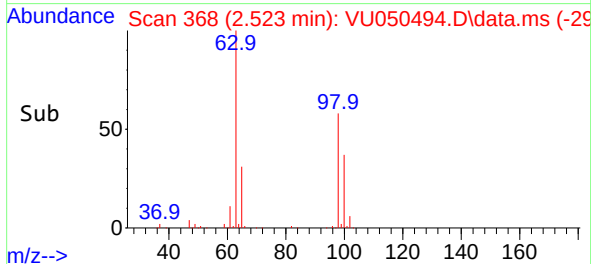
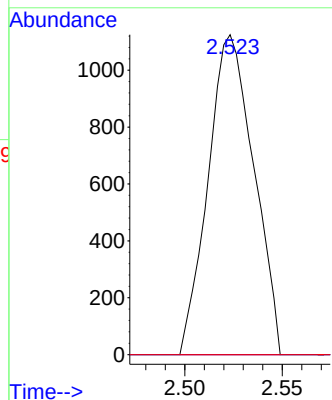
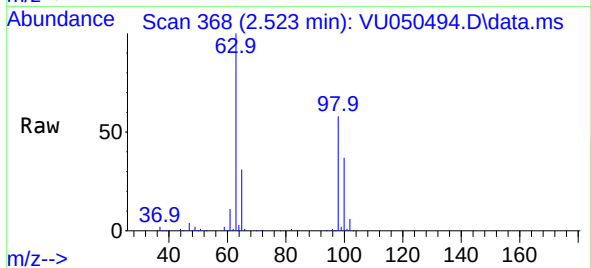




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.681 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.051 min
Lab File: VU050494.D
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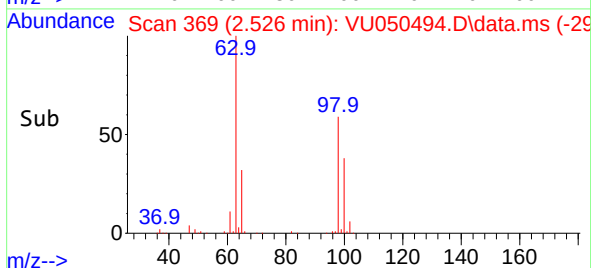
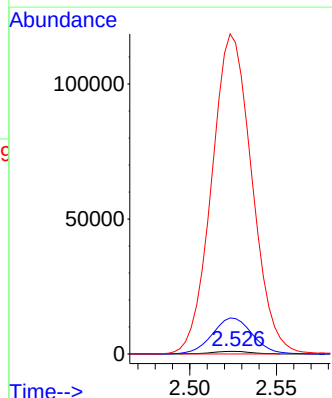
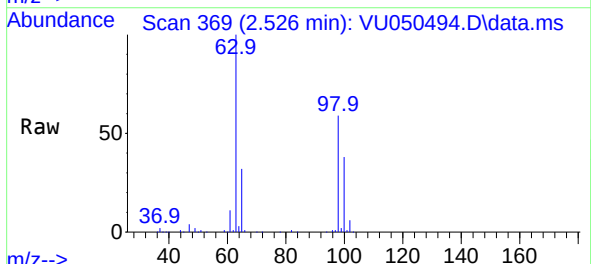
Instrument :
MSVOA_U
ClientSampleId :

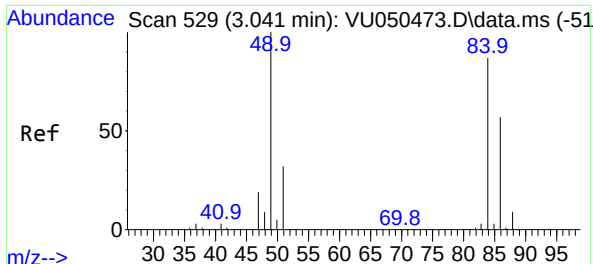
Tgt Ion:101 Resp: 1833
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.629 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.048 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

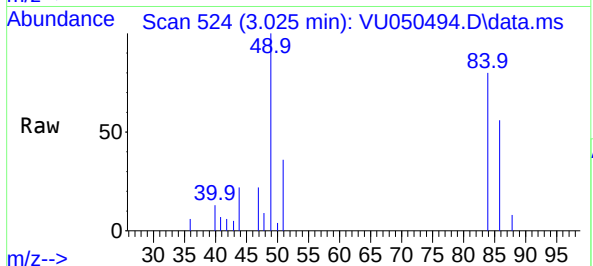
Tgt Ion: 96 Resp: 1497
Ion Ratio Lower Upper
96 100
61 1367.5 116.8 216.8#
63 12021.7 97.4 180.8#



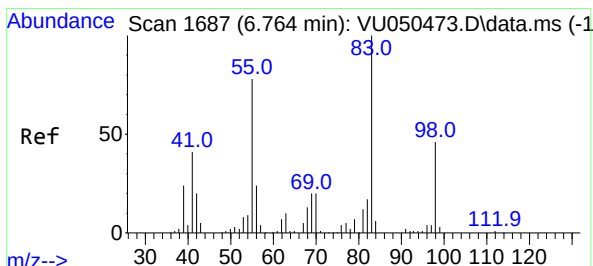
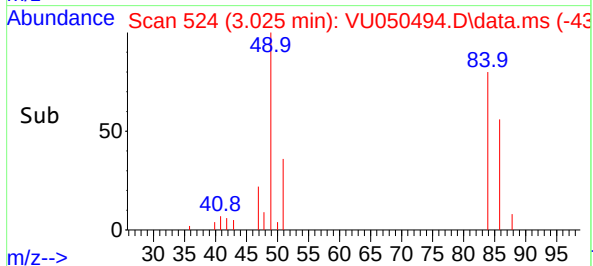
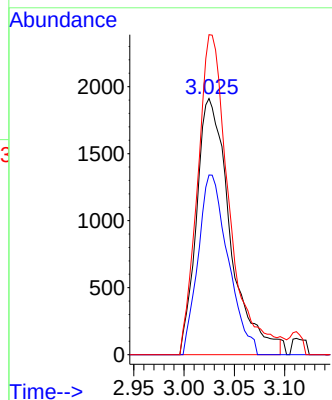


#16
Methylene chloride
Concen: 1.341 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

Instrument :
MSVOA_U
ClientSampleId :

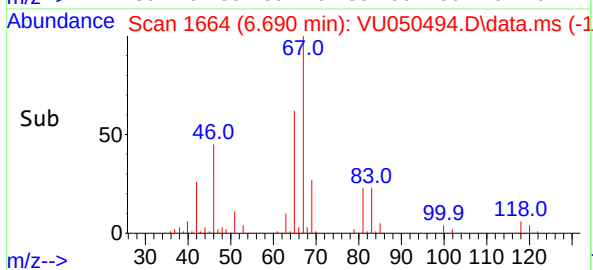
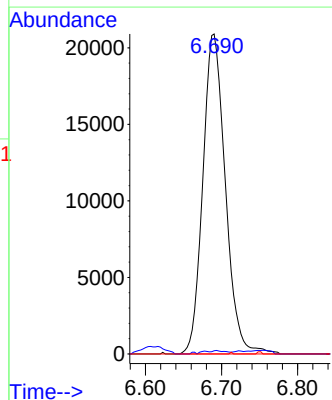
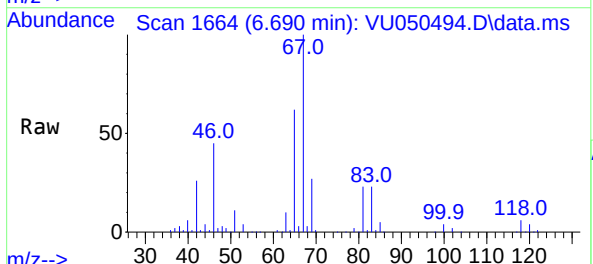


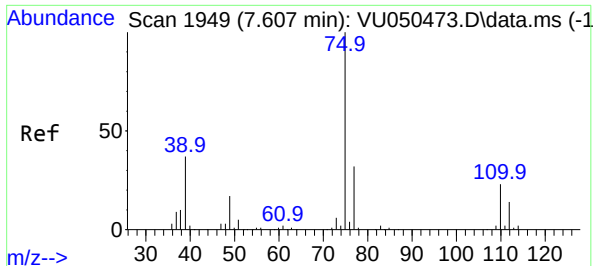
Tgt Ion: 84 Resp: 4443
Ion Ratio Lower Upper
84 100
86 70.1 43.9 81.5
49 124.9 80.4 149.4



#35
Methylcyclohexane
Concen: 11.483 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

Tgt Ion: 83 Resp: 43099
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 0.0 35.8 53.8#

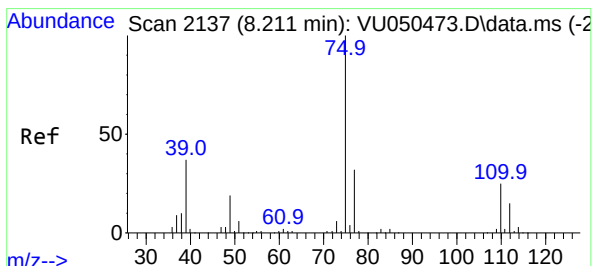
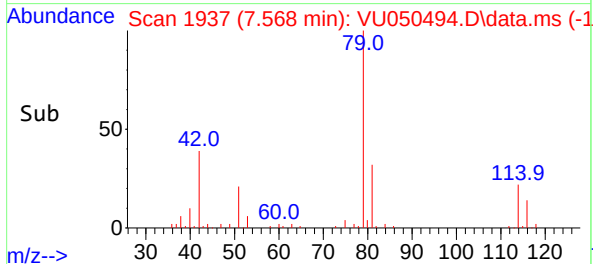
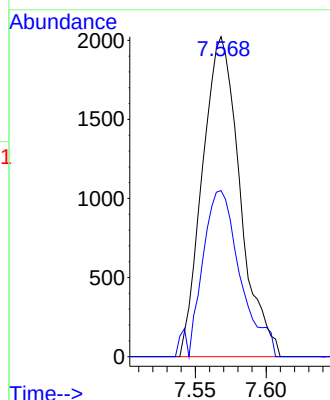
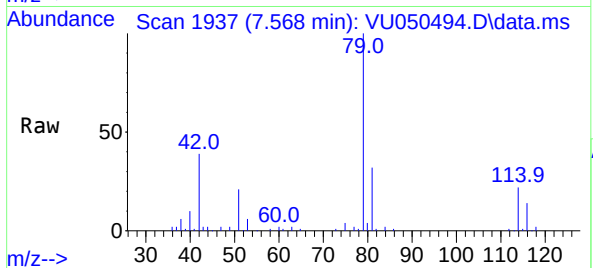




#39
cis-1,3-Dichloropropene
Concen: 0.861 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

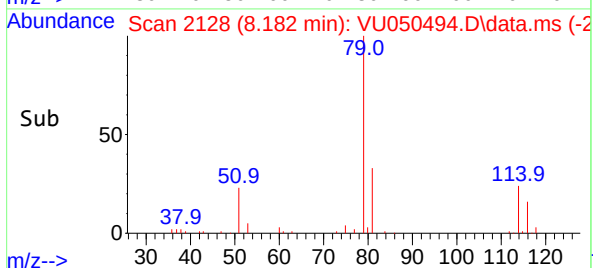
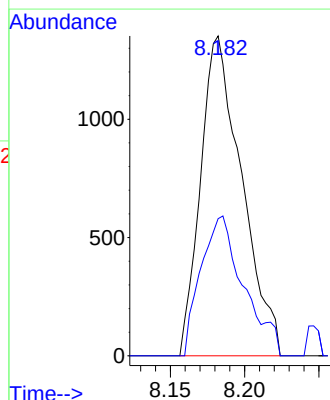
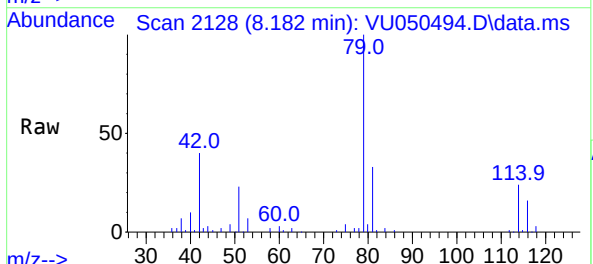
Instrument :
MSVOA_U
ClientSampleId :

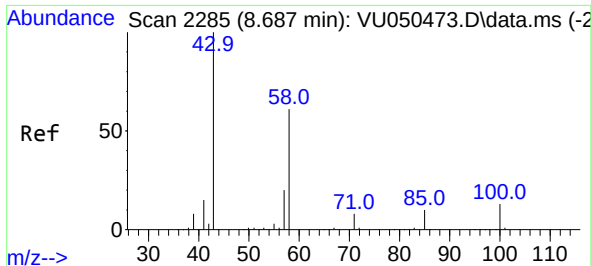
Tgt Ion: 75 Resp: 3726
Ion Ratio Lower Upper
75 100
77 51.9 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

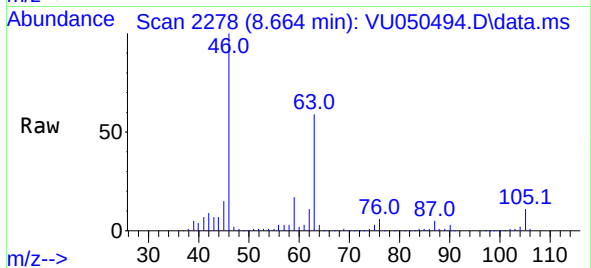
Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
77 42.9 22.5 41.7#



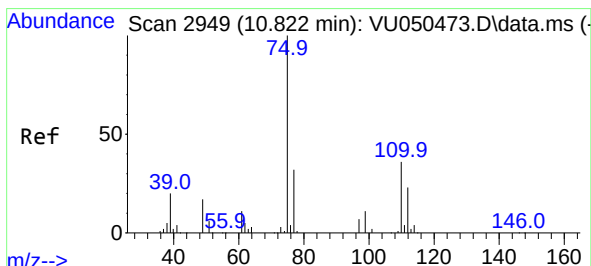
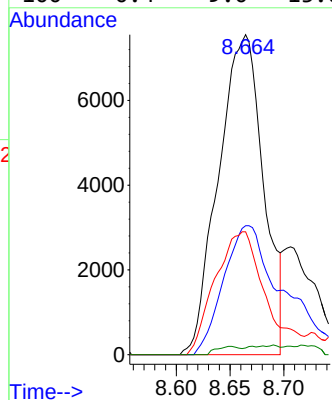
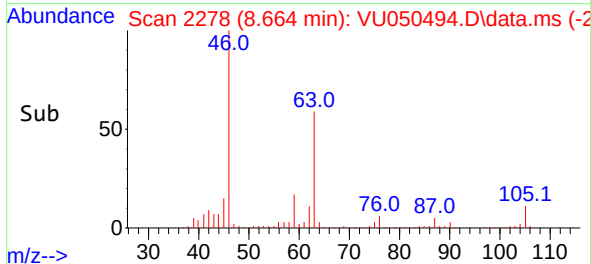


#48
2-Hexanone
Concen: 6.002 ug/L
RT: 8.664 min Scan# 21941
Delta R.T. -0.022 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 21941
Ion Ratio Lower Upper
43 100
58 38.8 47.9 71.9#
57 40.3 15.4 23.0#
100 0.4 9.0 13.6#



#60
1,2,3-Trichloropropane
Concen: 5.070 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU050494.D
Acq: 29 Aug 2022 19:07

Tgt Ion: 75 Resp: 18243
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
110 1.6 29.0 43.4#

