

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045146.D
 Acq On : 05 Oct 2021 15:43
 Operator : SY/MD
 Sample : M3996-08DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A25DL

Quant Time: Oct 06 01:45:51 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)

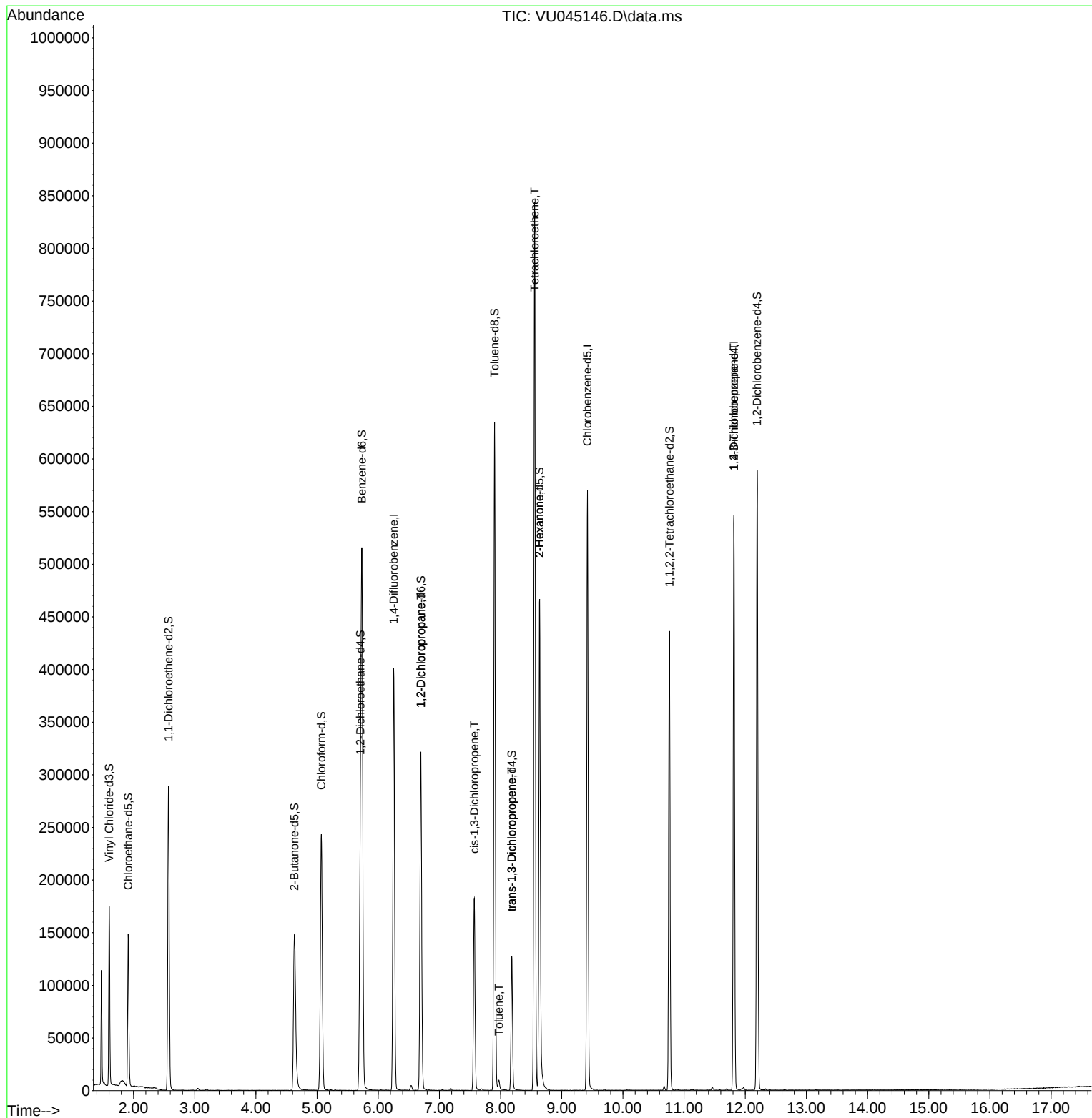
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	314565	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	295420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	134856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121798	35.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.740%
7) Chloroethane-d5	1.912	69	108896	39.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.820%
11) 1,1-Dichloroethene-d2	2.572	63	172071	29.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.500%#
21) 2-Butanone-d5	4.629	46	231522	85.044	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.040%
24) Chloroform-d	5.070	84	220499	40.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.080%
26) 1,2-Dichloroethane-d4	5.706	65	156904	42.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
32) Benzene-d6	5.732	84	462093	45.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	6.697	67	145256	43.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	7.903	98	405905	45.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.760%
43) trans-1,3-Dichloroprop...	8.182	79	67727	45.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
47) 2-Hexanone-d5	8.636	63	164966	89.059	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213129	40.948	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	142040	48.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.697	63	16969	5.688	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4447	1.042	ug/L #	68
42) Toluene	7.973	91	6099	0.548	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2914	0.718	ug/L #	60
46) Tetrachloroethene	8.558	164	175806	93.460	ug/L	98
48) 2-Hexanone	8.636	43	19282	4.363	ug/L #	69
60) 1,2,3-Trichloropropane	11.816	75	18491	4.958	ug/L #	69

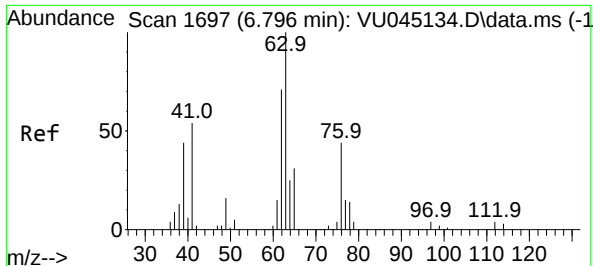
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045146.D
Acq On : 05 Oct 2021 15:43
Operator : SY/MD
Sample : M3996-08DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A25DL

Quant Time: Oct 06 01:45:51 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



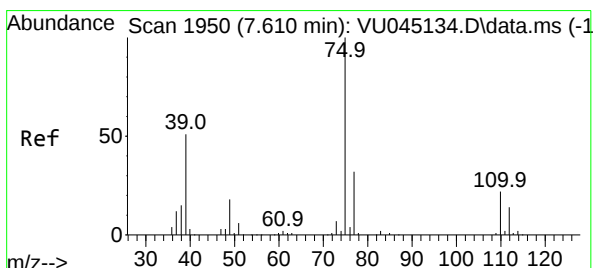
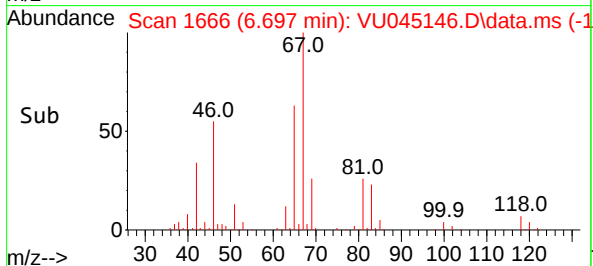
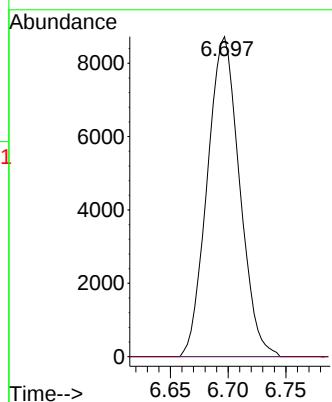
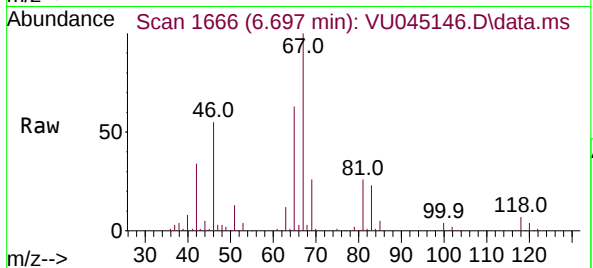


#37

1,2-Dichloropropane
Concen: 5.688 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

Instrument :
MSVOA_U
ClientSampled :
F4A25DL

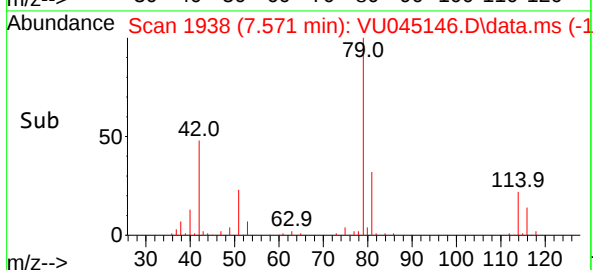
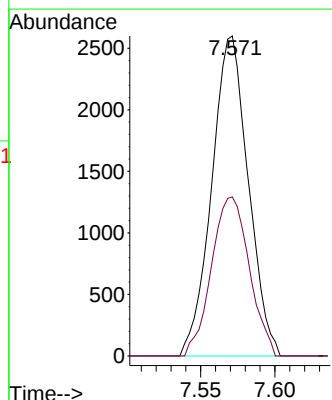
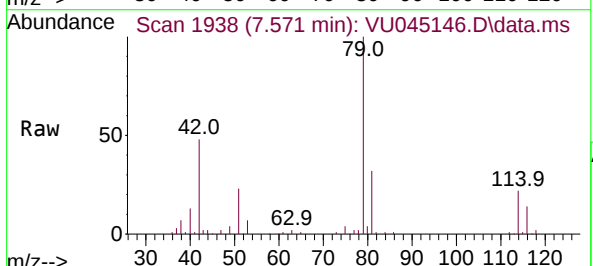
Tgt Ion: 63 Resp: 16969
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

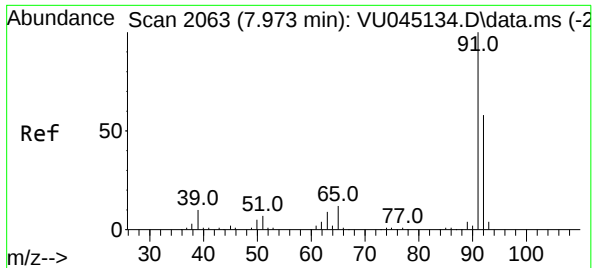


#39

cis-1,3-Dichloropropene
Concen: 1.042 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

Tgt Ion: 75 Resp: 4447
Ion Ratio Lower Upper
75 100
77 49.7 22.4 41.6#

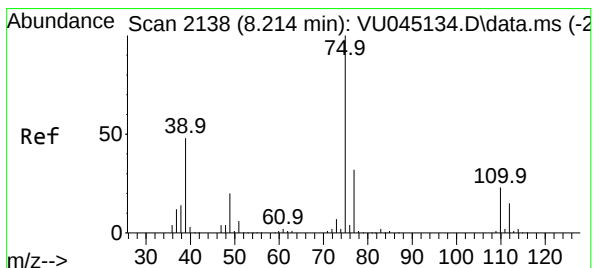
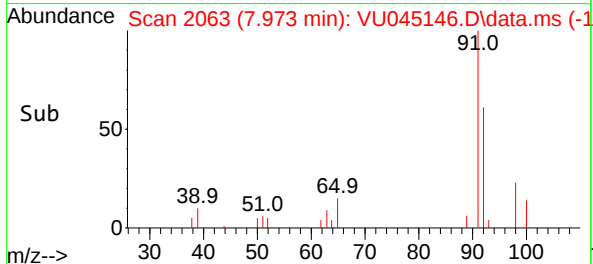
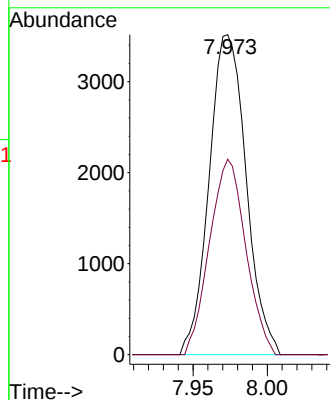
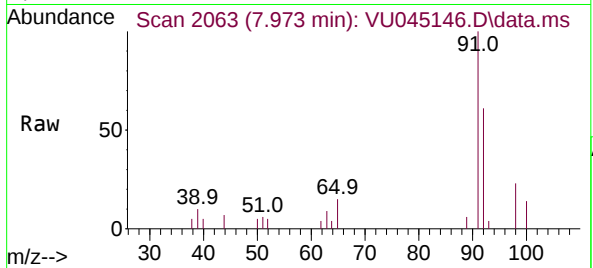




#42
Toluene
Concen: 0.548 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

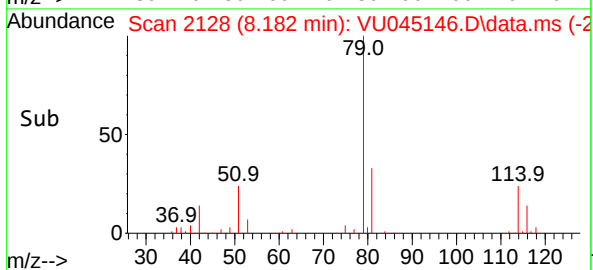
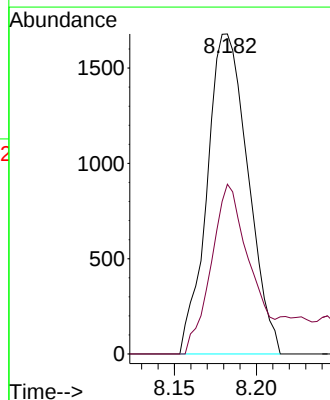
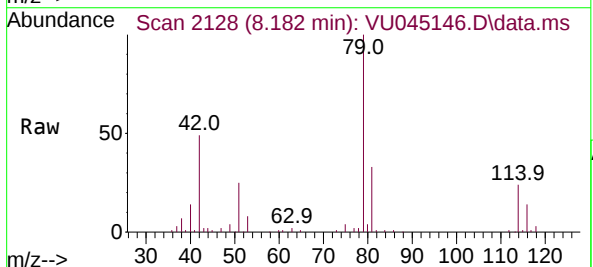
Instrument :
MSVOA_U
ClientSampled :
F4A25DL

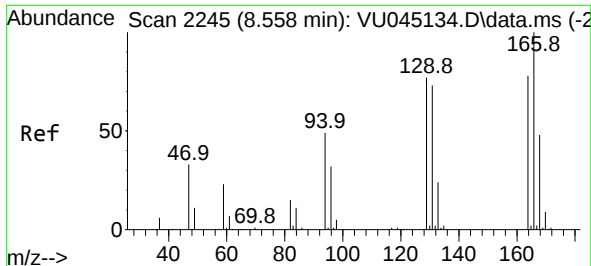
Tgt Ion: 91 Resp: 6099
Ion Ratio Lower Upper
91 100
92 61.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

Tgt Ion: 75 Resp: 2914
Ion Ratio Lower Upper
75 100
77 53.1 21.7 40.3#

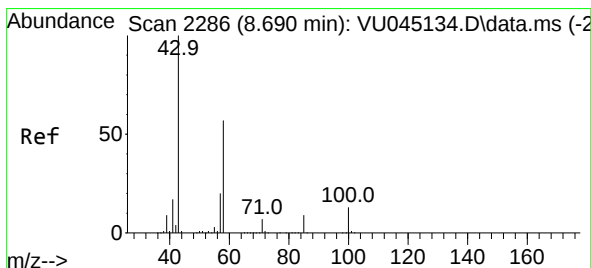
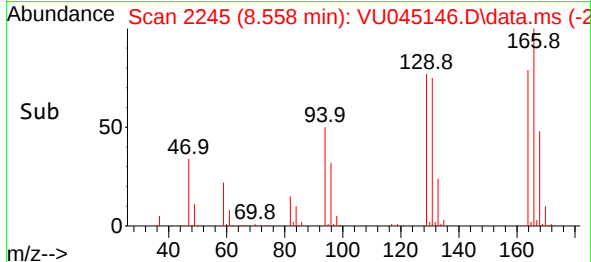
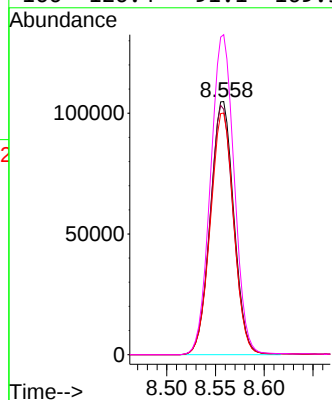
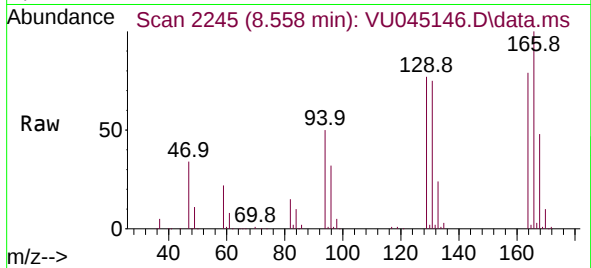




#46
Tetrachloroethene
Concen: 93.460 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

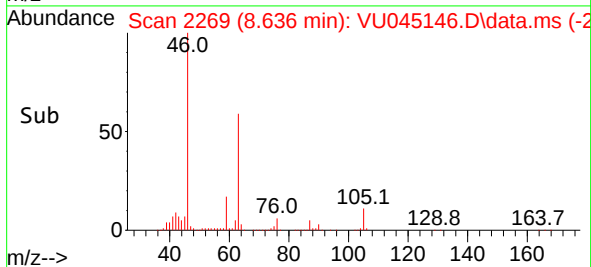
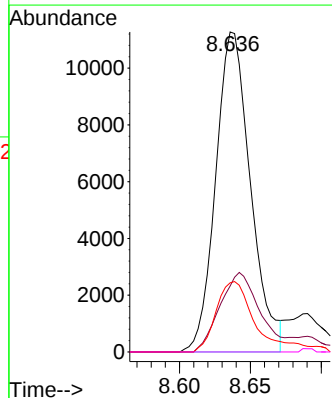
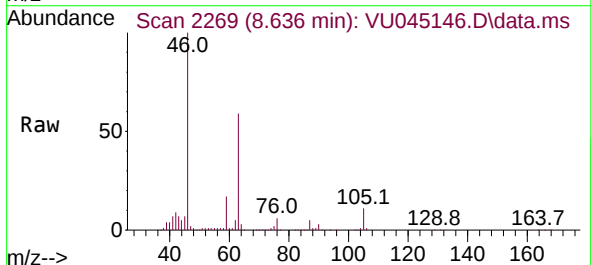
Instrument :
MSVOA_U
ClientSampled :
F4A25DL

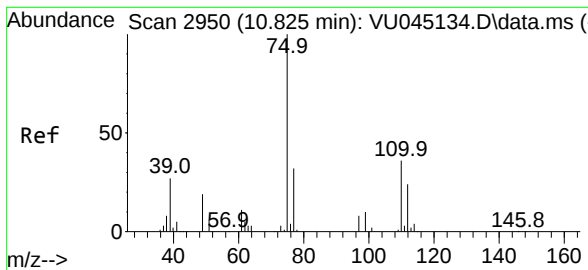
Tgt Ion:164 Resp: 175806
Ion Ratio Lower Upper
164 100
129 97.0 69.8 129.6
131 95.4 66.4 123.2
166 126.4 91.1 169.3



#48
2-Hexanone
Concen: 4.363 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.055 min
Lab File: VU045146.D
Acq: 05 Oct 2021 15:43

Tgt Ion: 43 Resp: 19282
Ion Ratio Lower Upper
43 100
58 28.4 44.9 67.3#
57 24.7 15.5 23.3#
100 0.3 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.958 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045146.D
 Acq: 05 Oct 2021 15:43

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A25DL

Tgt Ion: 75 Resp: 18491
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 110 1.8 29.0 43.4#

