

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045126.D
 Acq On : 05 Oct 2021 03:37
 Operator : SY/MD
 Sample : M4025-03 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL3

Quant Time: Oct 05 07:04:37 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)

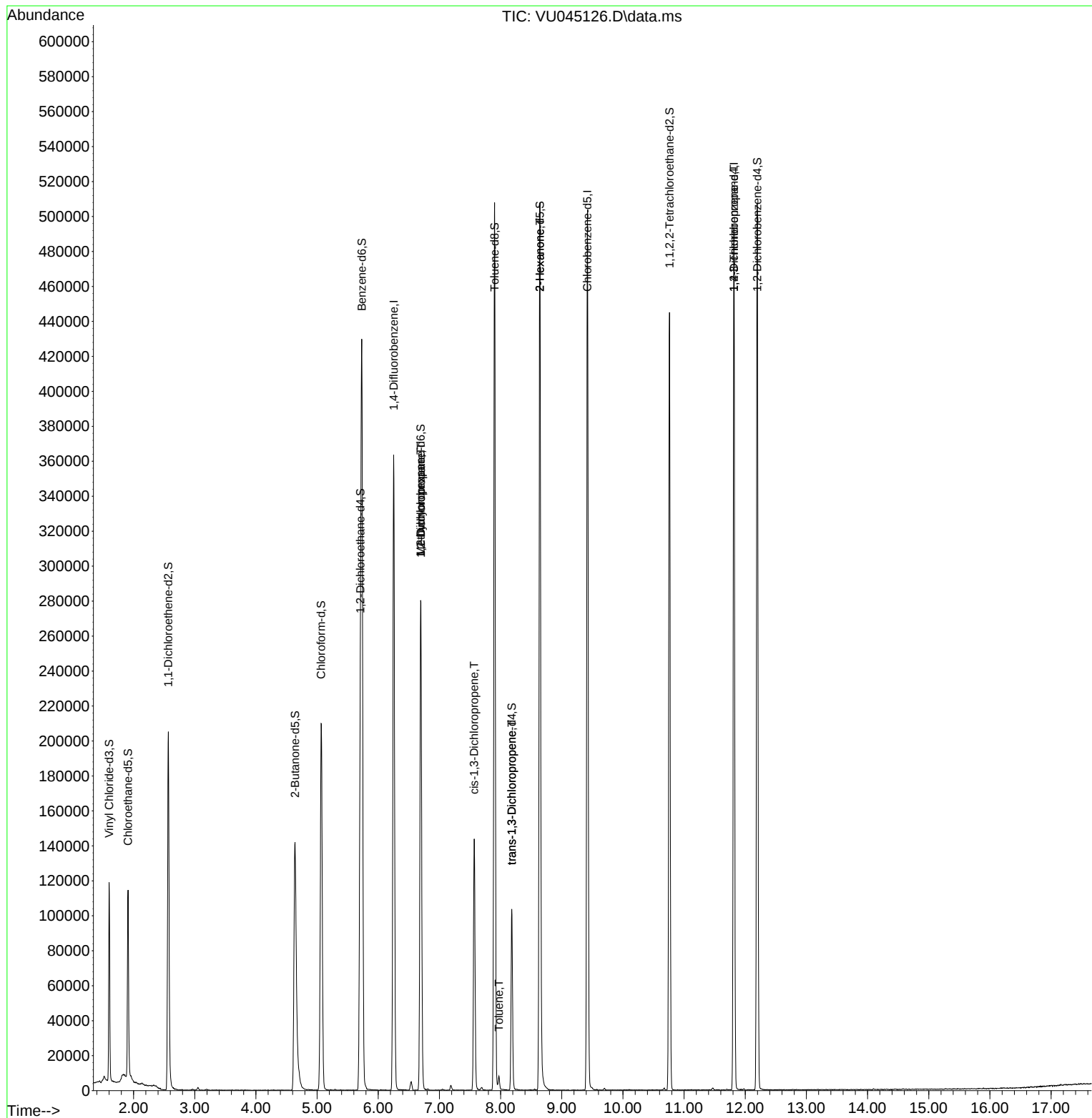
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287262	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	123232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80383	25.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.120%#
7) Chloroethane-d5	1.909	69	76859	30.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.680%#
11) 1,1-Dichloroethene-d2	2.568	63	124514	23.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.160%#
21) 2-Butanone-d5	4.639	46	251492	101.159	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	5.067	84	190257	38.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.620%
26) 1,2-Dichloroethane-d4	5.706	65	140743	41.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.680%
32) Benzene-d6	5.732	84	377171	40.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.620%
36) 1,2-Dichloropropane-d6	6.694	67	127020	41.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.260%
41) Toluene-d8	7.902	98	323550	40.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.120%
43) trans-1,3-Dichloroprop...	8.182	79	55978	41.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.480%
47) 2-Hexanone-d5	8.642	63	182982	108.213	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.210%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214915	45.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.460%
66) 1,2-Dichlorobenzene-d4	12.198	152	123191	45.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.694	83	29716	7.388	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	14569	5.350	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3550	0.911	ug/L #	81
42) Toluene	7.973	91	5266	0.518	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	2511	0.678	ug/L	84
48) 2-Hexanone	8.642	43	21291	5.278	ug/L #	66
60) 1,2,3-Trichloropropane	11.815	75	16791	4.926	ug/L #	41

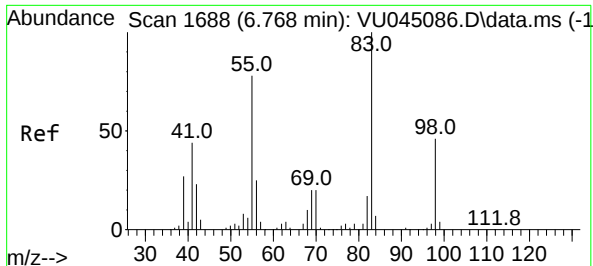
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 7.388 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045126.D

Acq: 05 Oct 2021 03:37

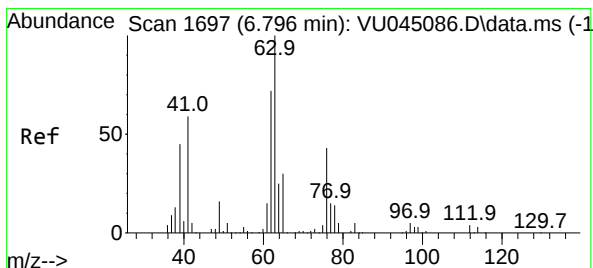
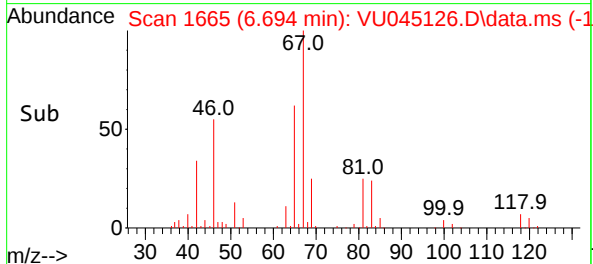
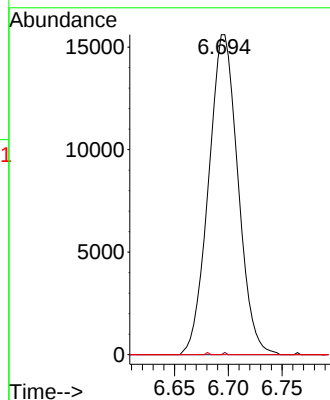
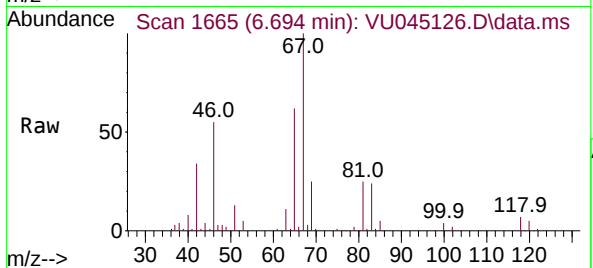
Instrument :

MSVOA_U

ClientSampleId :

C0AL3

Tgt Ion: 83	Resp: 29716
Ion Ratio	Lower Upper
83 100	
55 0.0	65.8 98.6#
98 0.2	37.1 55.7#



#37

1,2-Dichloropropane

Concen: 5.350 ug/L

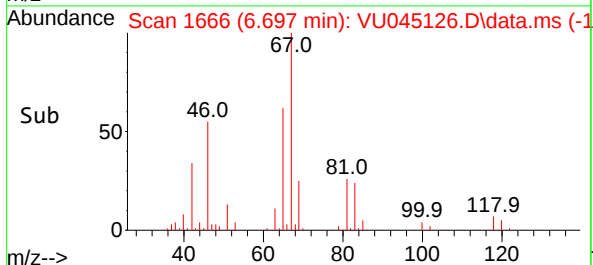
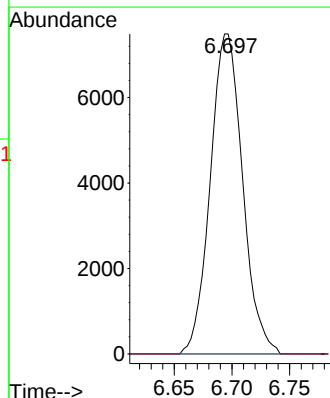
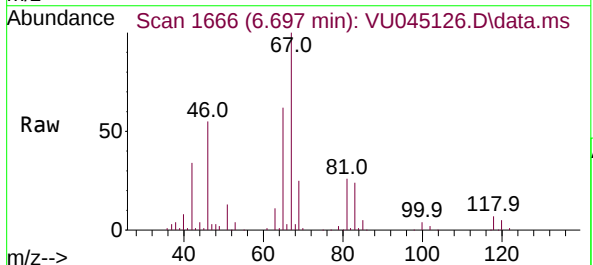
RT: 6.697 min Scan# 1666

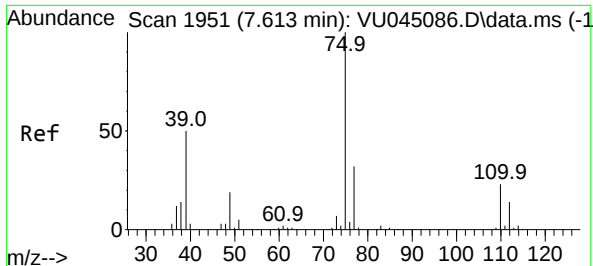
Delta R.T. -0.100 min

Lab File: VU045126.D

Acq: 05 Oct 2021 03:37

Tgt Ion: 63	Resp: 14569
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



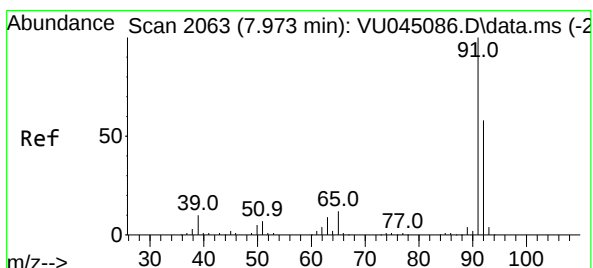
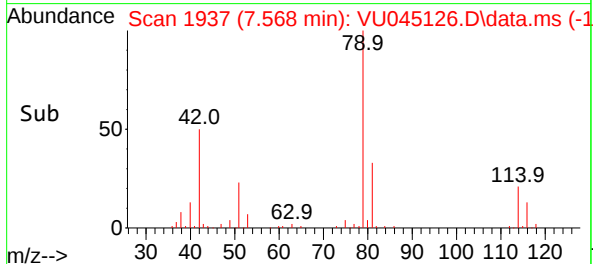
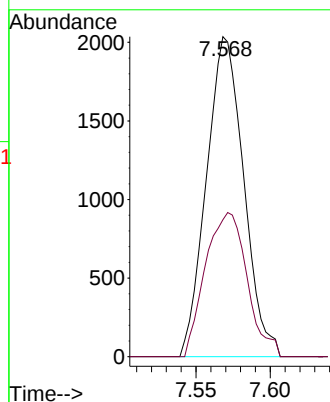
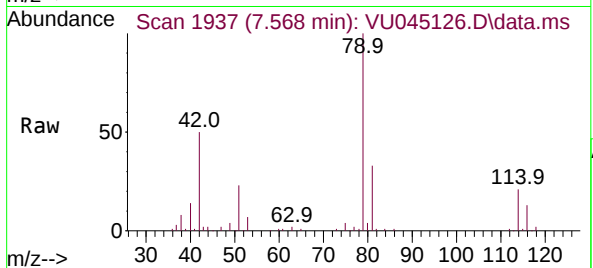


#39

cis-1,3-Dichloropropene
 Concen: 0.911 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.045 min
 Lab File: VU045126.D
 Acq: 05 Oct 2021 03:37

Instrument :
 MSVOA_U
 ClientSampled :
 C0AL3

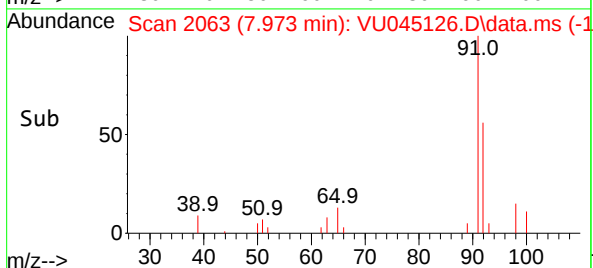
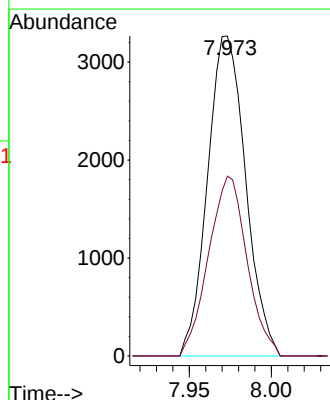
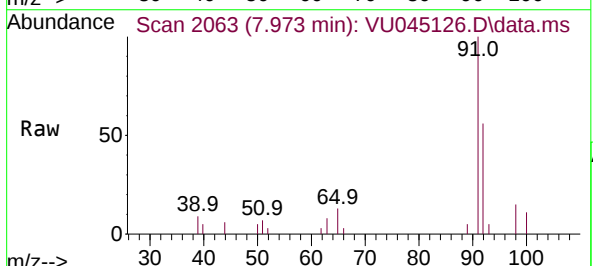
Tgt Ion: 75 Resp: 3550
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.4 41.6#

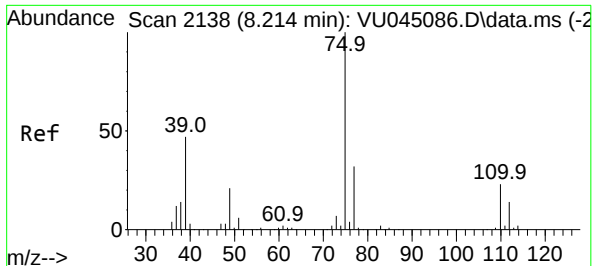


#42

Toluene
 Concen: 0.518 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU045126.D
 Acq: 05 Oct 2021 03:37

Tgt Ion: 91 Resp: 5266
 Ion Ratio Lower Upper
 91 100
 92 56.2 40.5 75.1

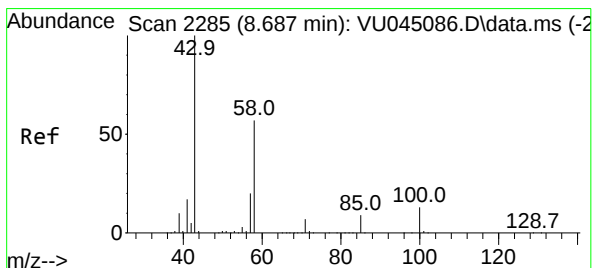
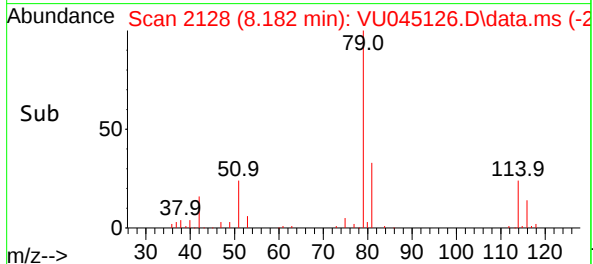
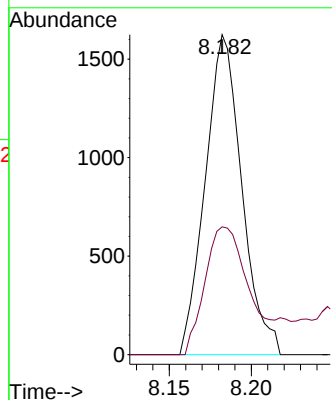
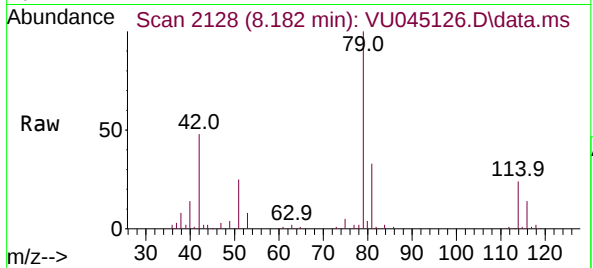




#44
trans-1,3-Dichloropropene
Concen: 0.678 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045126.D
Acq: 05 Oct 2021 03:37

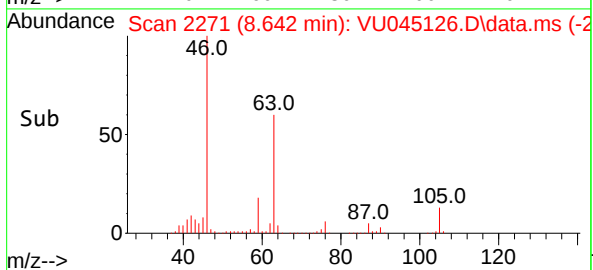
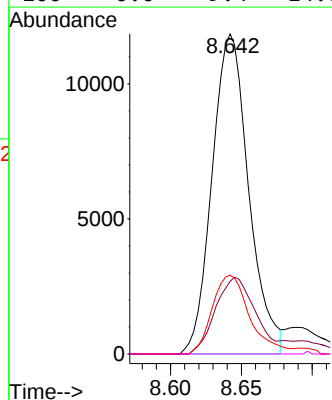
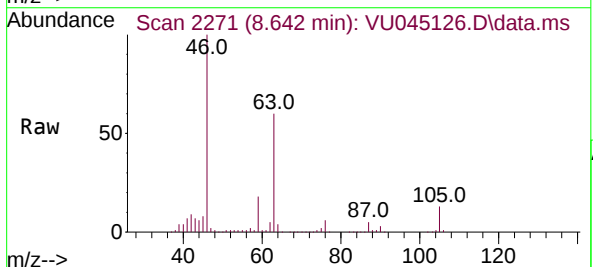
Instrument :
MSVOA_U
ClientSampleId :
C0AL3

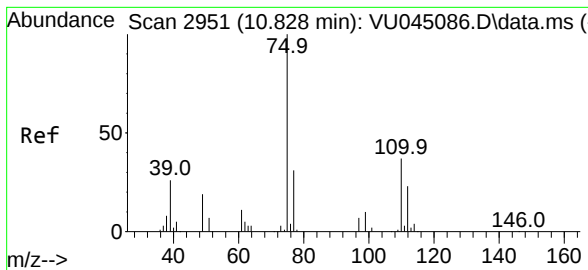
Tgt Ion: 75 Resp: 2511
Ion Ratio Lower Upper
75 100
77 40.0 21.7 40.3



#48
2-Hexanone
Concen: 5.278 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.045 min
Lab File: VU045126.D
Acq: 05 Oct 2021 03:37

Tgt Ion: 43 Resp: 21291
Ion Ratio Lower Upper
43 100
58 25.8 44.9 67.3#
57 25.2 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.926 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045126.D
 Acq: 05 Oct 2021 03:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL3

Tgt Ion:	75	Resp:	16791
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
110	0.9	29.0	43.4#

