

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057260.D
 Acq On : 27 Dec 2023 03:20
 Operator : MD/SY
 Sample : 06002-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 05:47:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

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

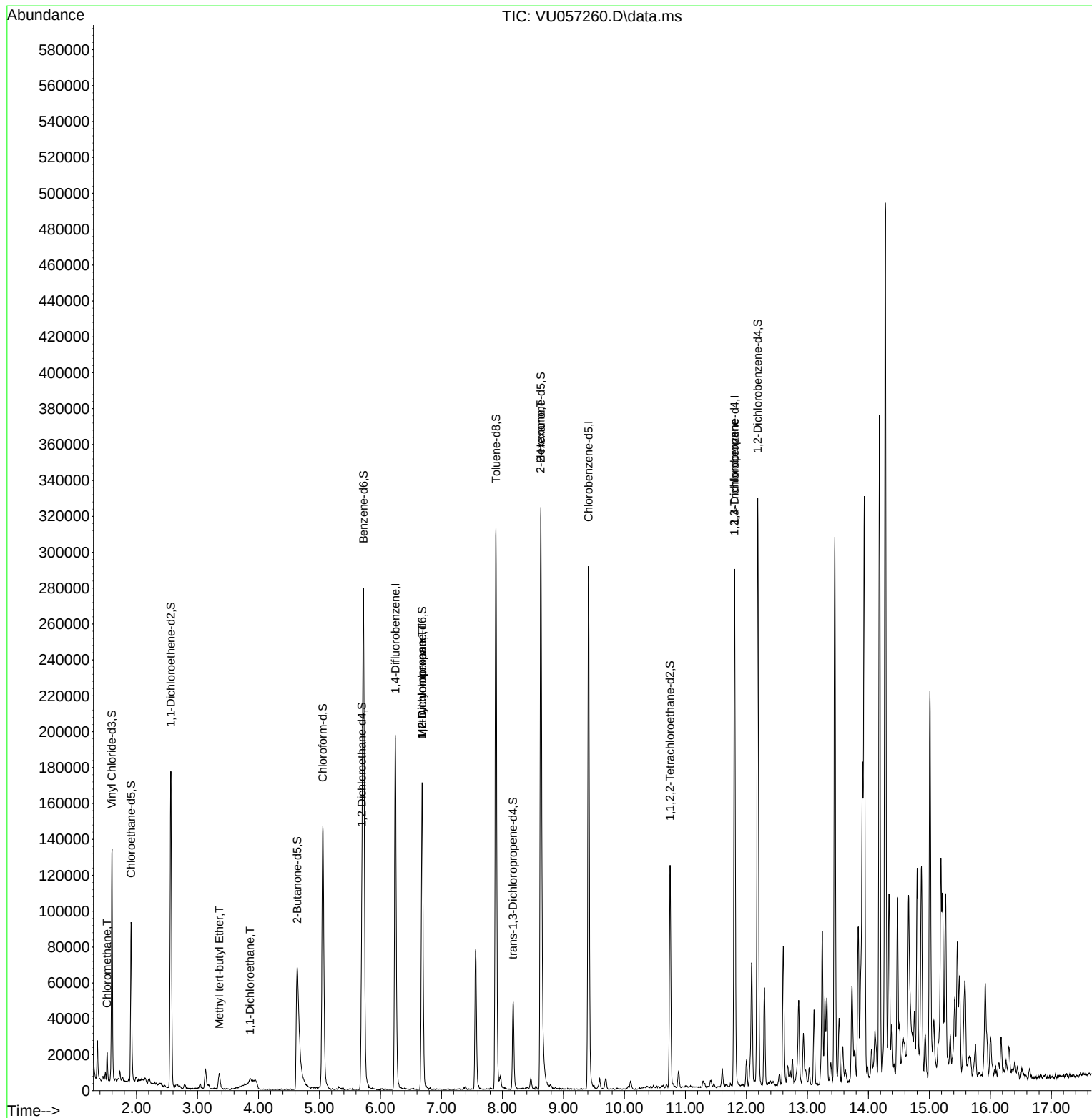
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86821	5.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.800%
7) Chloroethane-d5	1.911	69	68280	5.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.563	65	34245	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.634	46	144688	61.957	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.920%
24) Chloroform-d	5.055	84	142255	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	70383	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	264810	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	82365	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.894	98	214652	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.174	79	30512	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.631	63	111365	49.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61367	5.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	81460	5.005	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	10368	0.813	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	9359	0.379	ug/L	95
19) 1,1-Dichloroethane	3.862	63	2712	0.120	ug/L	95
35) Methylcyclohexane	6.682	83	20177	1.015	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8854	0.690	ug/L #	88
48) 2-Hexanone	8.627	43	14775	3.598	ug/L #	73
61) 1,2,3-Trichloropropane	11.804	75	9372	1.330	ug/L #	62

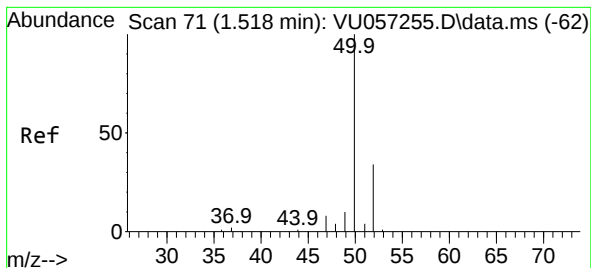
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.813 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU057260.D

Acq: 27 Dec 2023 03:20

Instrument :

MSVOA_U

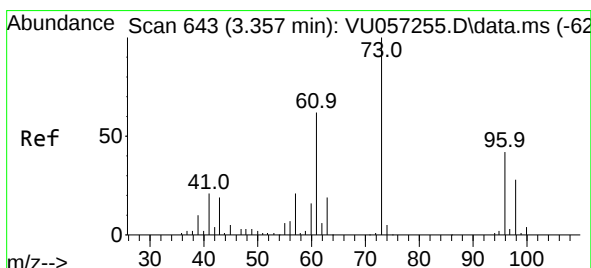
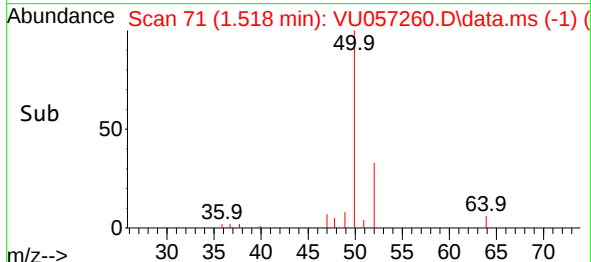
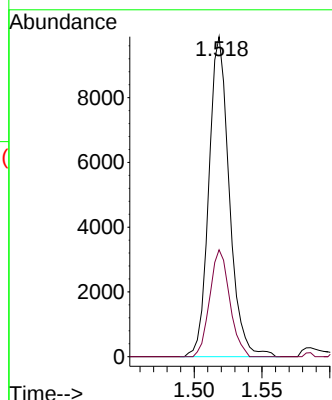
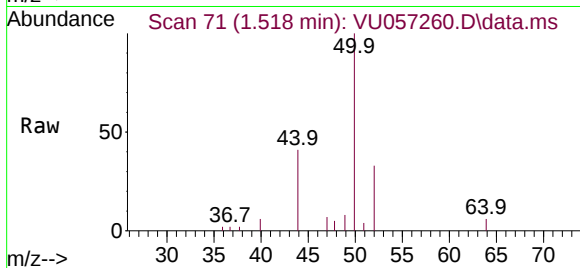
ClientSampleId :

Tgt Ion: 50 Resp: 10368

Ion Ratio Lower Upper

50 100

52 33.4 23.7 44.1



#17

Methyl tert-butyl Ether

Concen: 0.379 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU057260.D

Acq: 27 Dec 2023 03:20

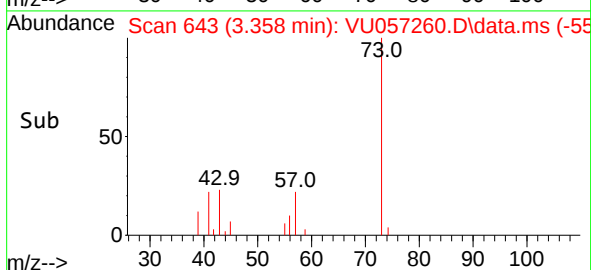
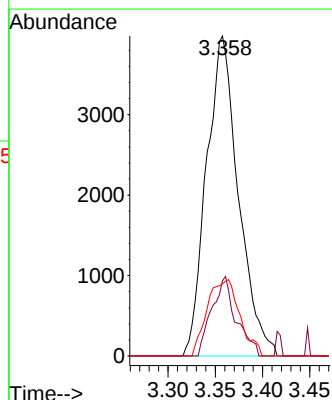
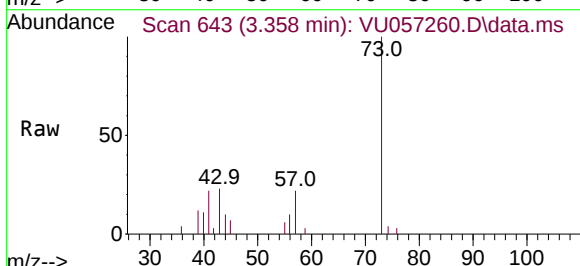
Tgt Ion: 73 Resp: 9359

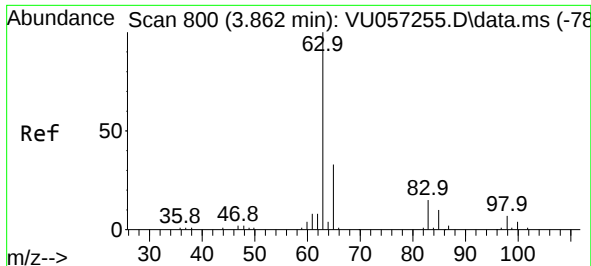
Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.0

57 24.2 16.2 24.2





#19

1,1-Dichloroethane

Concen: 0.120 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057260.D

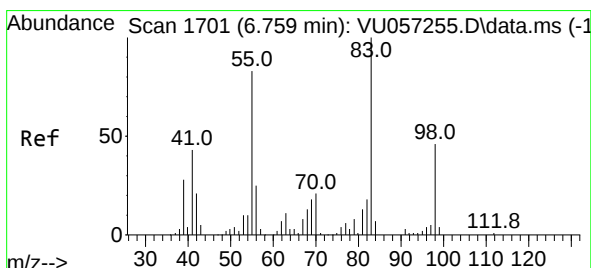
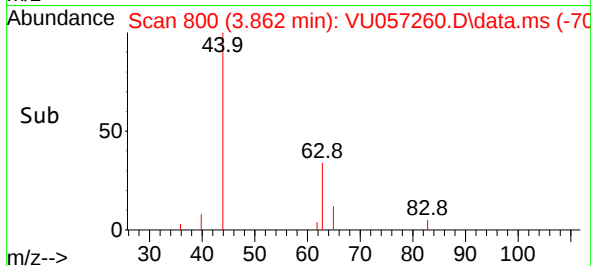
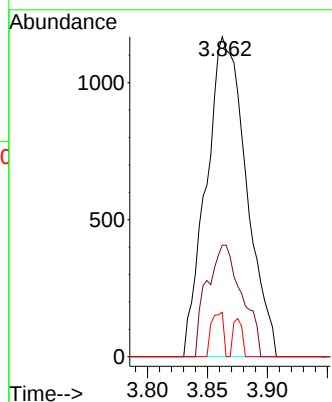
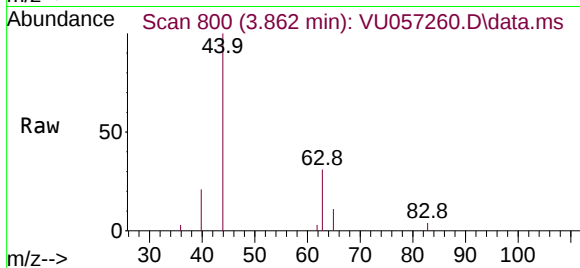
Acq: 27 Dec 2023 03:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	2712
Ion	Ratio	Lower	Upper
63	100		
65	34.8	21.6	40.2
83	13.9	10.2	19.0



#35

Methylcyclohexane

Concen: 1.015 ug/L

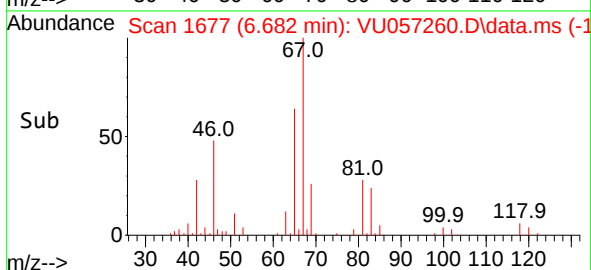
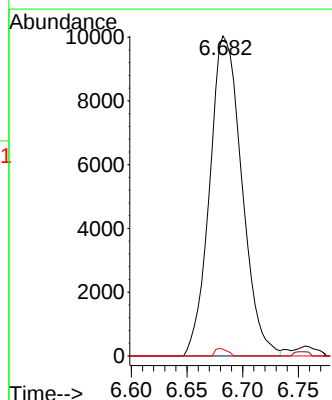
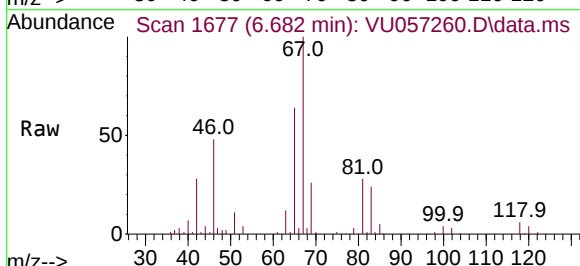
RT: 6.682 min Scan# 1677

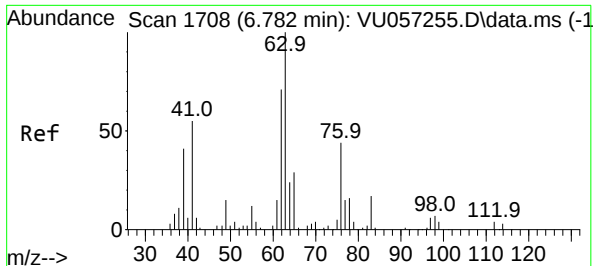
Delta R.T. -0.077 min

Lab File: VU057260.D

Acq: 27 Dec 2023 03:20

Tgt Ion:	83	Resp:	20177
Ion	Ratio	Lower	Upper
83	100		
55	0.6	61.3	91.9#
98	0.9	36.6	55.0#

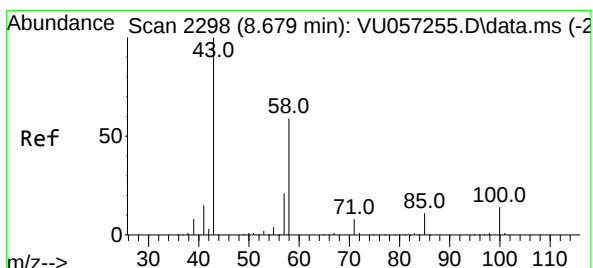
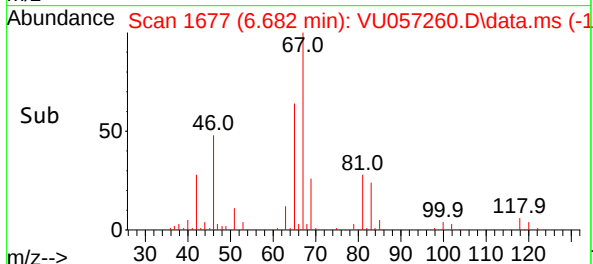
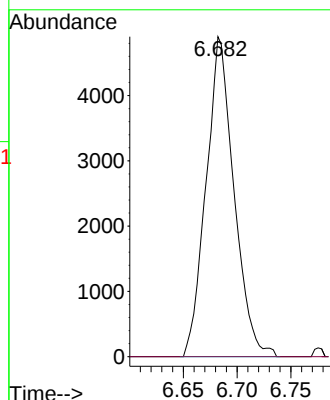
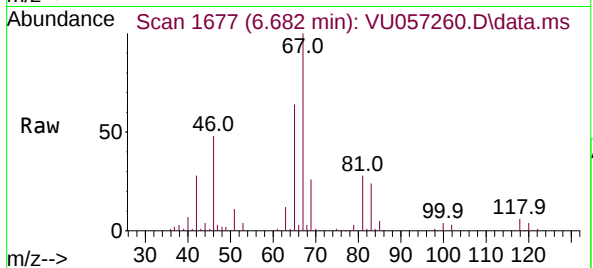




#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057260.D
Acq: 27 Dec 2023 03:20

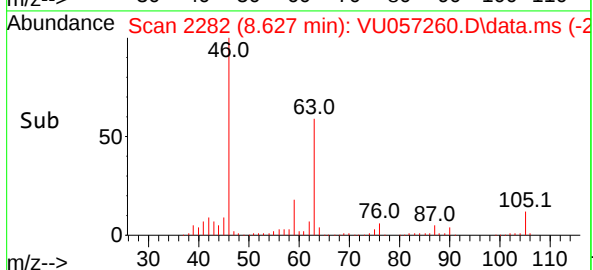
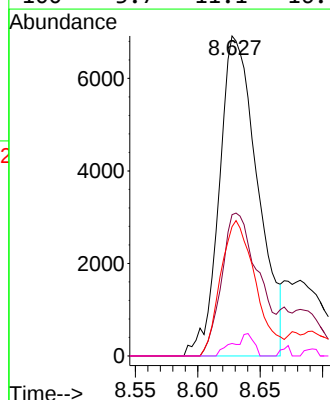
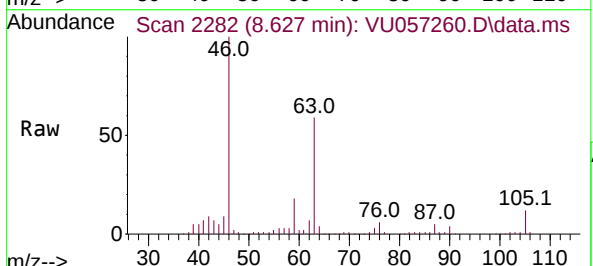
Instrument :
MSVOA_U
ClientSampleId :

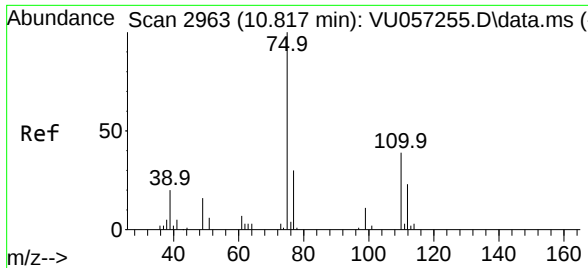
Tgt Ion: 63 Resp: 8854
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#48
2-Hexanone
Concen: 3.598 ug/L
RT: 8.627 min Scan# 2282
Delta R.T. -0.051 min
Lab File: VU057260.D
Acq: 27 Dec 2023 03:20

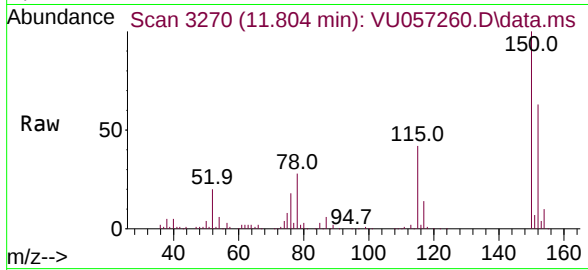
Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
58 42.9 49.8 74.8#
57 39.0 18.5 27.7#
100 3.7 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.330 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057260.D
 Acq: 27 Dec 2023 03:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	9372
Ion	Ratio	Lower	Upper
75	100		
110	1.3	31.2	46.8#
77	36.5	25.5	38.3

