

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057261.D
 Acq On : 27 Dec 2023 03:44
 Operator : MD/SY
 Sample : 06002-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 05:48:14 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)

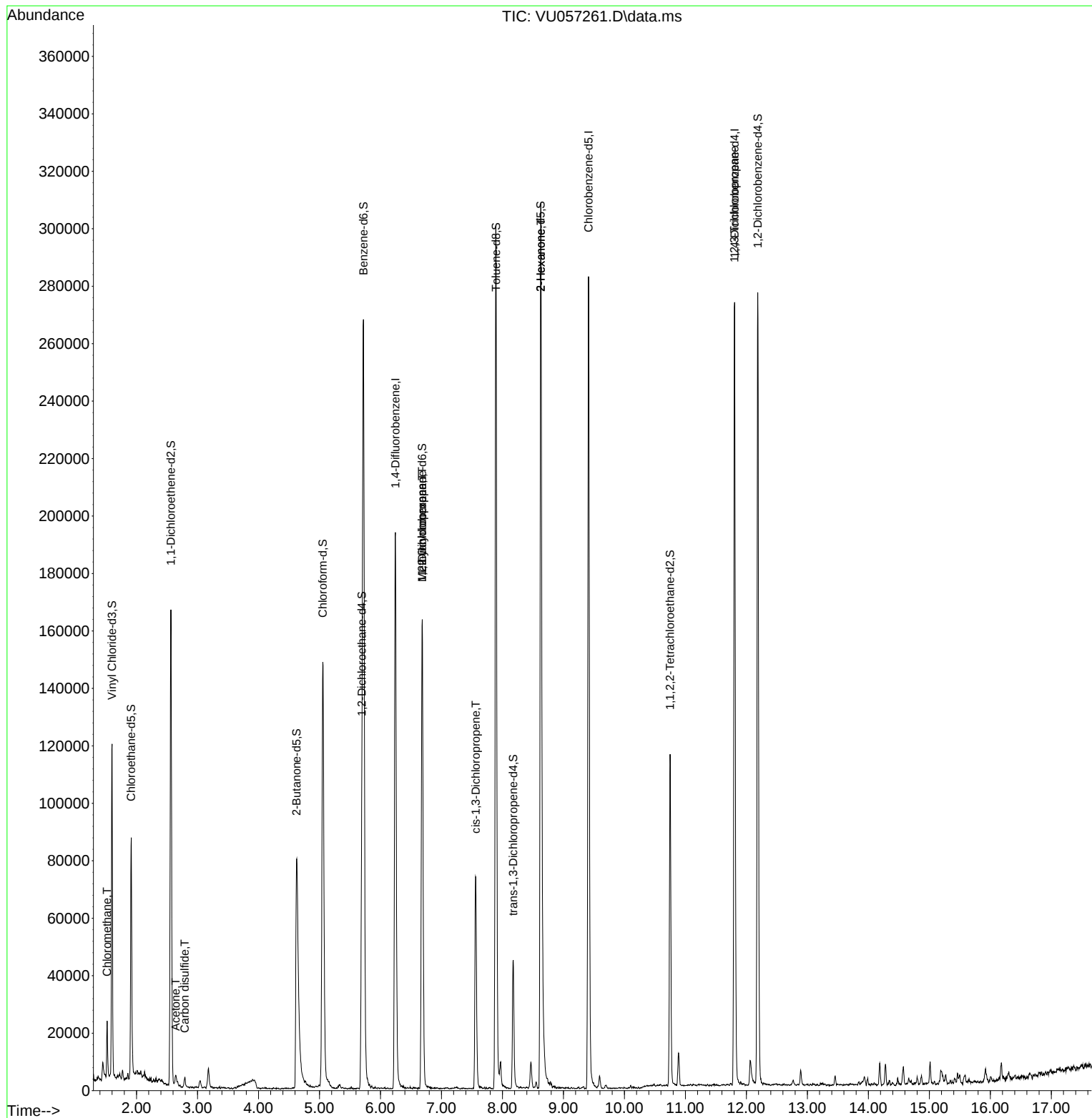
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	157459	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82868	5.506	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.911	69	60810	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.563	65	31728	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.624	46	139721	59.130	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.260%
24) Chloroform-d	5.055	84	134722	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	67808	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	256756	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.685	67	81082	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.894	98	205964	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.177	79	28115	4.231	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.627	63	107236	47.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58268	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	73728	4.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	12289	0.952	ug/L	93
13) Acetone	2.644	43	7063	4.971	ug/L	83
14) Carbon disulfide	2.792	76	4969	0.134	ug/L	98
35) Methylcyclohexane	6.682	83	19154	0.960	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8632	0.669	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	2178	0.112	ug/L #	64
48) 2-Hexanone	8.631	43	13242	3.210	ug/L #	75
61) 1,2,3-Trichloropropane	11.804	75	8959	1.321	ug/L #	65

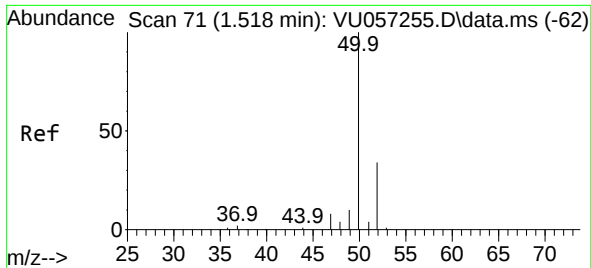
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3
Chloromethane

Concen: 0.952 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU057261.D

Acq: 27 Dec 2023 03:44

Instrument :

MSVOA_U

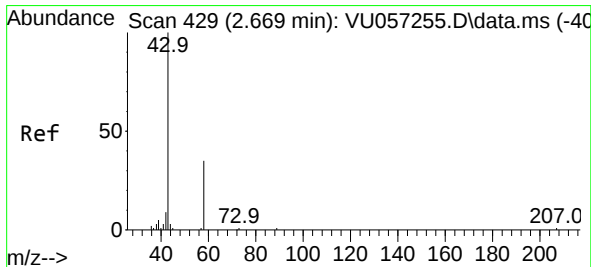
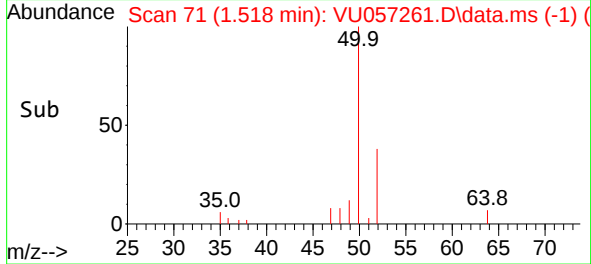
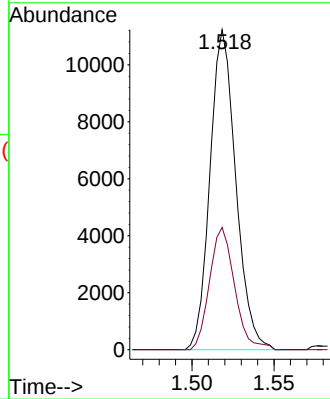
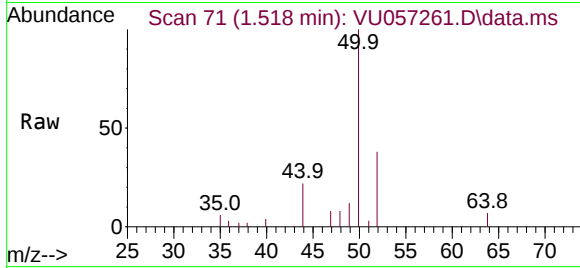
ClientSampleId :

Tgt Ion: 50 Resp: 12289

Ion Ratio Lower Upper

50 100

52 38.2 23.7 44.1



#13

Acetone

Concen: 4.971 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.026 min

Lab File: VU057261.D

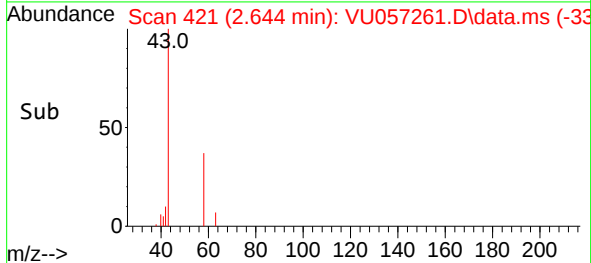
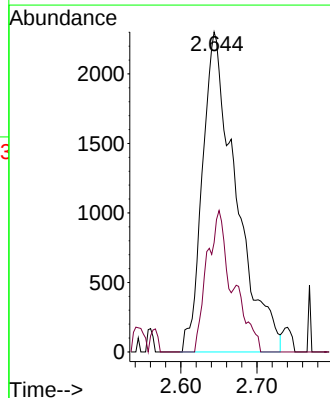
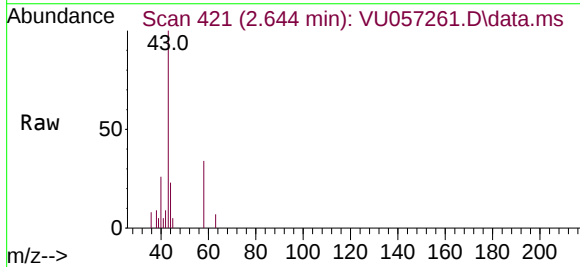
Acq: 27 Dec 2023 03:44

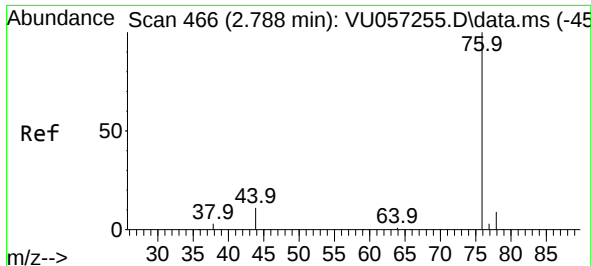
Tgt Ion: 43 Resp: 7063

Ion Ratio Lower Upper

43 100

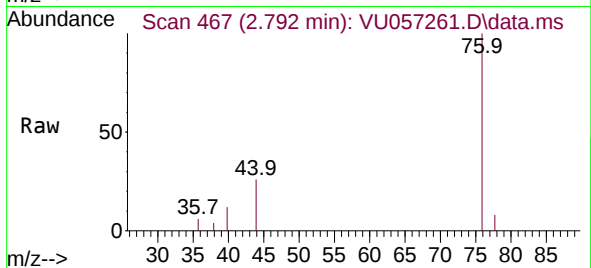
58 25.6 0.0 70.8



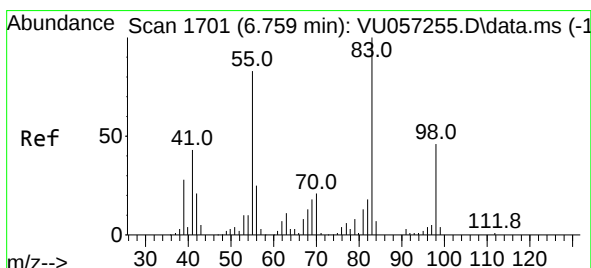
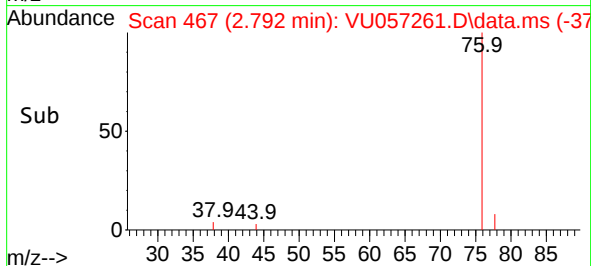
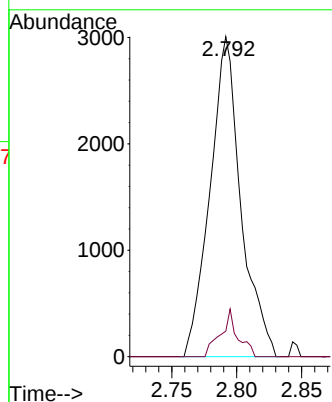


#14
Carbon disulfide
Concen: 0.134 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU057261.D
Acq: 27 Dec 2023 03:44

Instrument :
MSVOA_U
ClientSampleId :

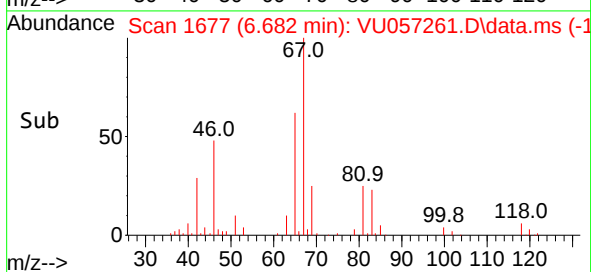
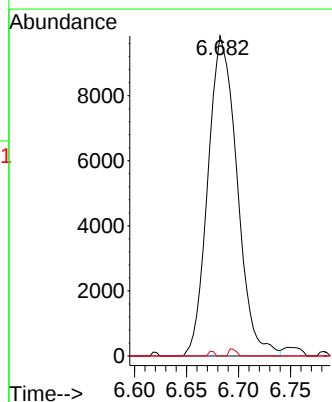
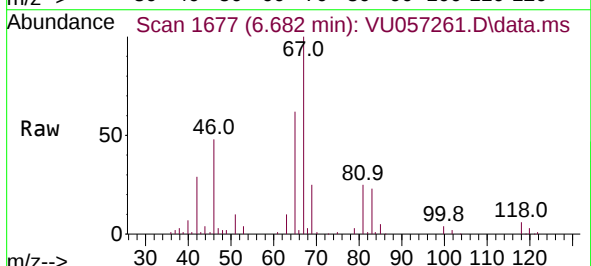


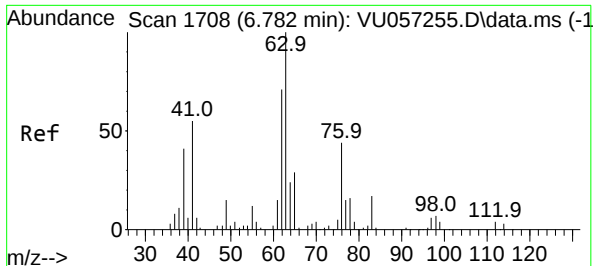
Tgt Ion: 76 Resp: 4969
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057261.D
Acq: 27 Dec 2023 03:44

Tgt Ion: 83 Resp: 19154
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.5 36.6 55.0#

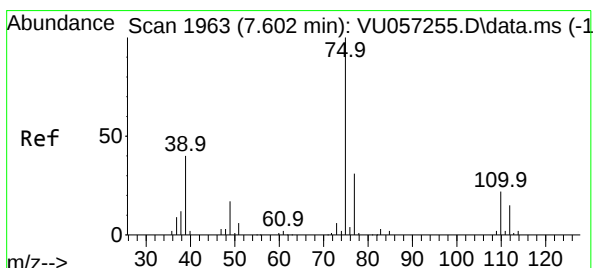
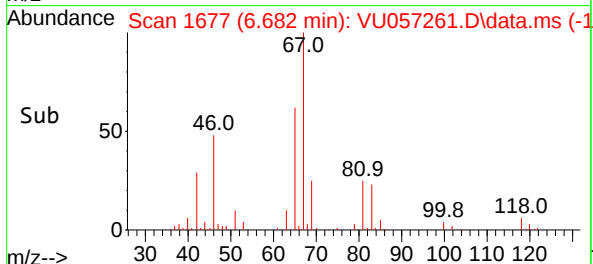
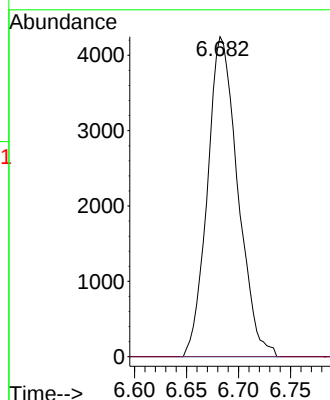
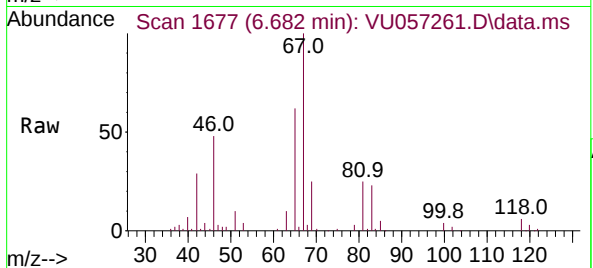




#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU057261.D
Acq: 27 Dec 2023 03:44

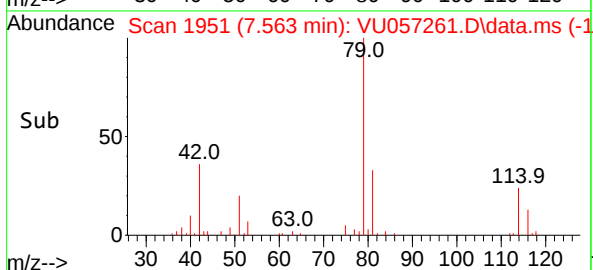
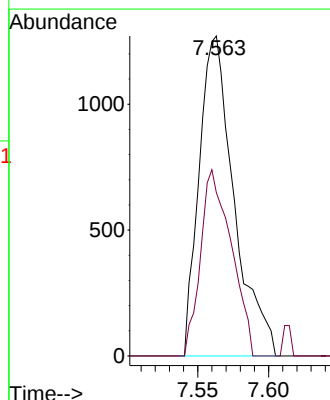
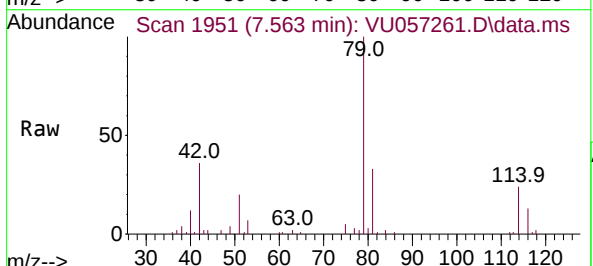
Instrument :
MSVOA_U
ClientSampleId :

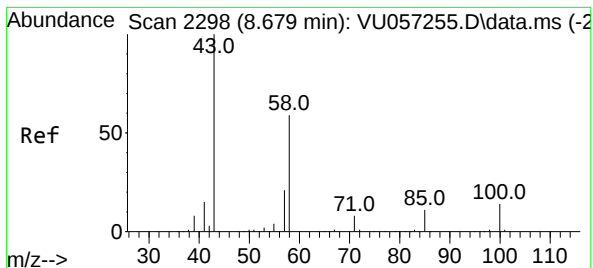
Tgt Ion: 63 Resp: 8632
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.038 min
Lab File: VU057261.D
Acq: 27 Dec 2023 03:44

Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
77 51.1 21.8 40.4#





#48

2-Hexanone

Concen: 3.210 ug/L

RT: 8.631 min Scan# 21

Delta R.T. -0.048 min

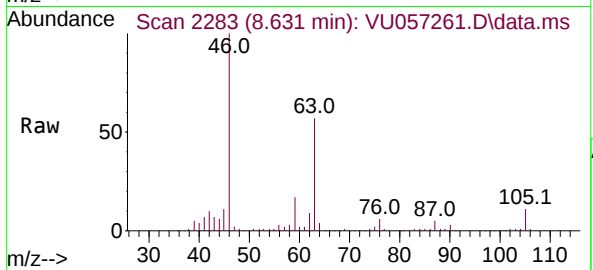
Lab File: VU057261.D

Acq: 27 Dec 2023 03:44

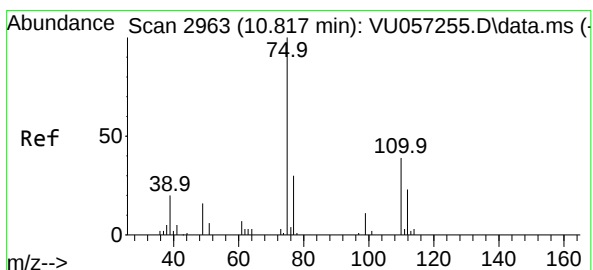
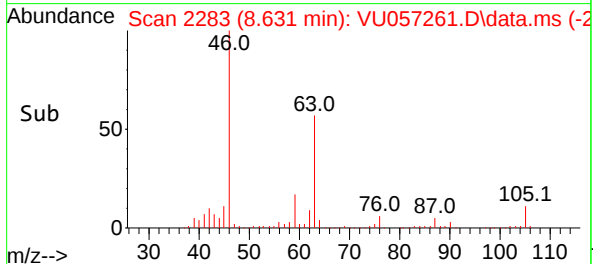
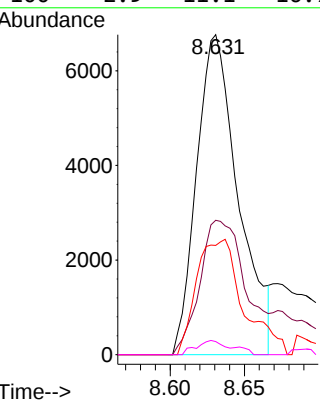
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43	Resp: 13242
Ion Ratio	Lower Upper
43	100
58	46.1 49.8 74.8#
57	40.2 18.5 27.7#
100	2.9 11.1 16.7#



#61

1,2,3-Trichloropropane

Concen: 1.321 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057261.D

Acq: 27 Dec 2023 03:44

Tgt Ion: 75	Resp: 8959
Ion Ratio	Lower Upper
75	100
110	1.9 31.2 46.8#
77	30.5 25.5 38.3

