

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055444.D
 Acq On : 21 Sep 2023 13:42
 Operator : MD/SY
 Sample : 04562-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 22 02:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

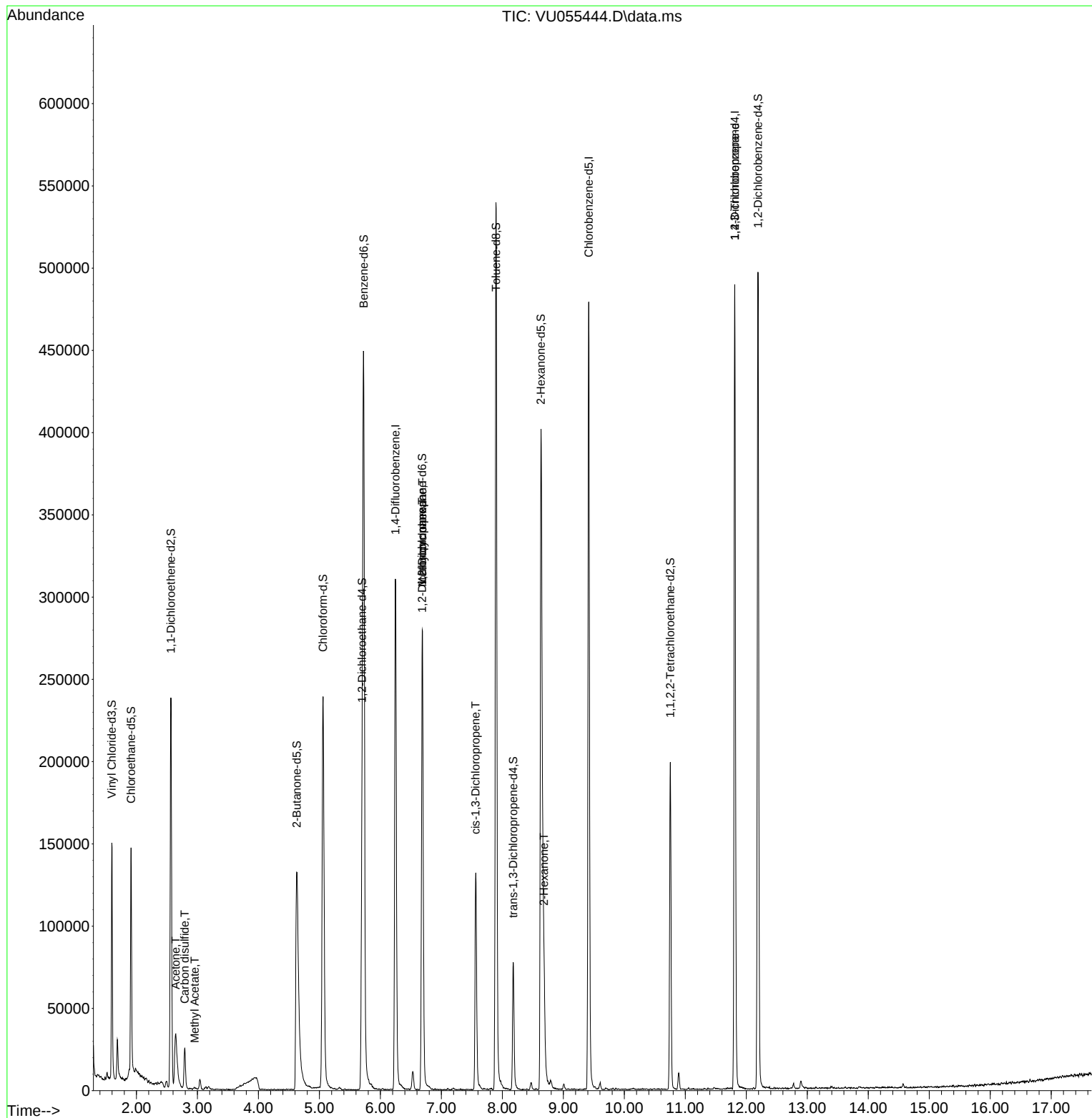
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	259584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	132974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100915	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.911	69	96833	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.563	65	44412	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.628	46	241816	51.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.060%
24) Chloroform-d	5.058	84	224298	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.698	65	114872	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.724	84	433749	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	134702	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	369606	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	45421	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	126596	41.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97346	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	132745	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
13) Acetone	2.641	43	60947	22.562	ug/L	98
14) Carbon disulfide	2.792	76	32253	0.591	ug/L	97
15) Methyl Acetate	2.956	43	1743	0.283	ug/L #	59
35) Methylcyclohexane	6.689	83	32739	1.024	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	15615	0.761	ug/L #	91
39) cis-1,3-Dichloropropene	7.560	75	3668	0.134	ug/L #	69
48) 2-Hexanone	8.682	43	41740	5.787	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	16304	1.571	ug/L #	67

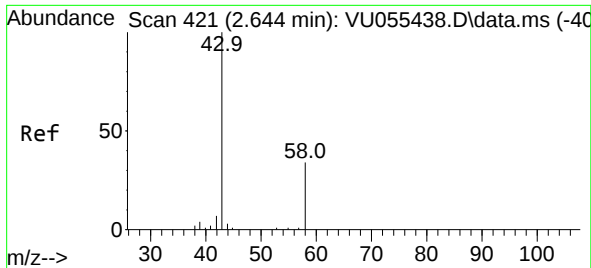
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.562 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055444.D

Acq: 21 Sep 2023 13:42

Instrument :

MSVOA_U

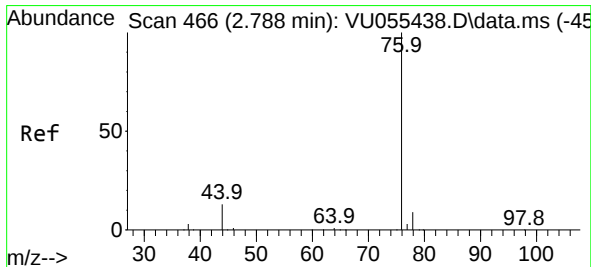
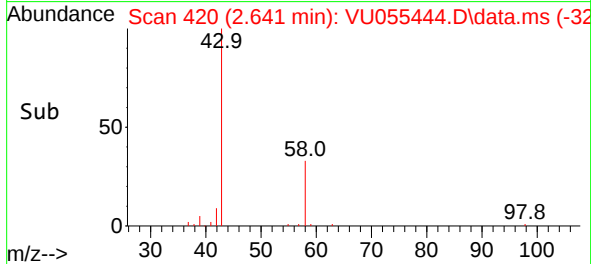
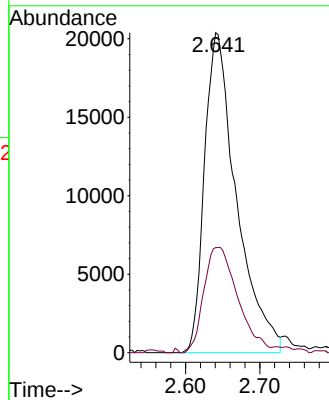
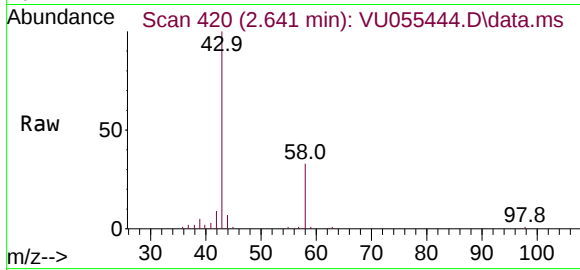
ClientSampleId :

Tgt Ion: 43 Resp: 60947

Ion Ratio Lower Upper

43 100

58 35.0 0.0 72.2



#14

Carbon disulfide

Concen: 0.591 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055444.D

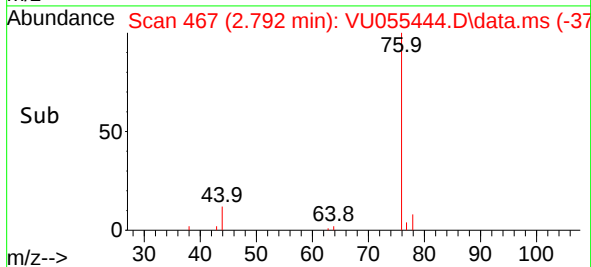
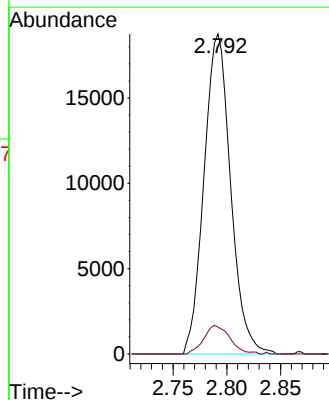
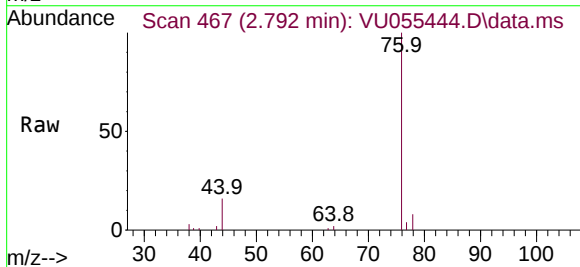
Acq: 21 Sep 2023 13:42

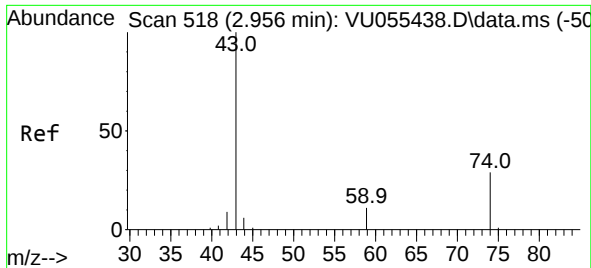
Tgt Ion: 76 Resp: 32253

Ion Ratio Lower Upper

76 100

78 8.4 7.7 11.5

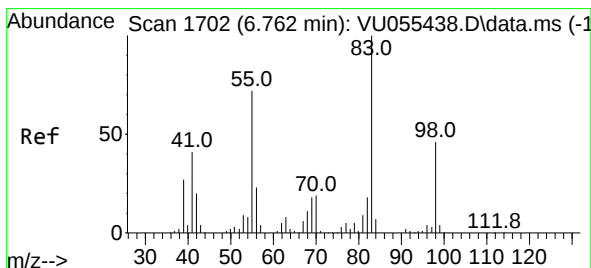
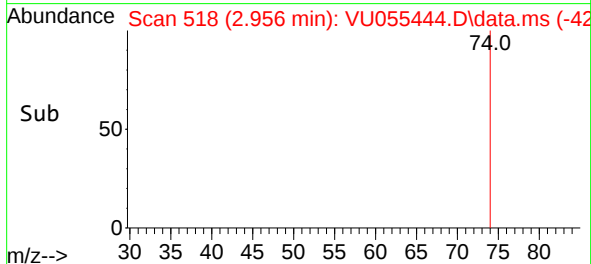
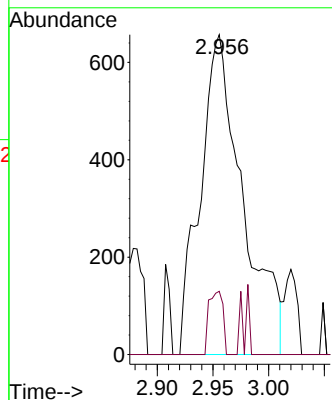
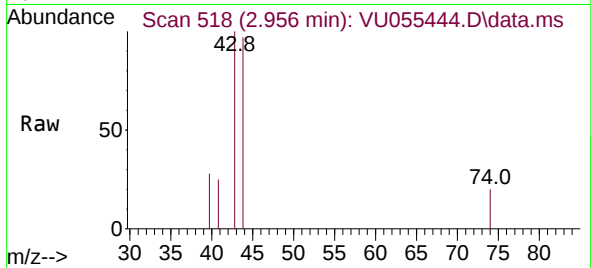




#15
Methyl Acetate
Concen: 0.283 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

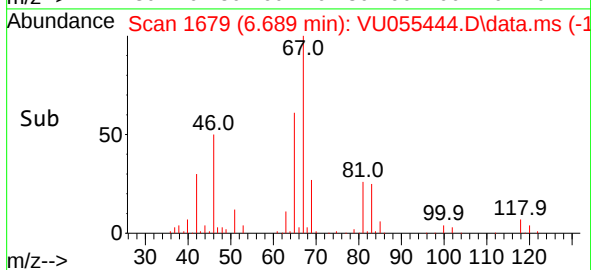
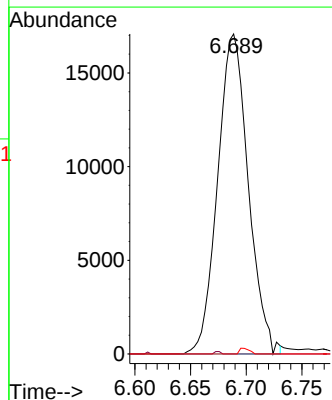
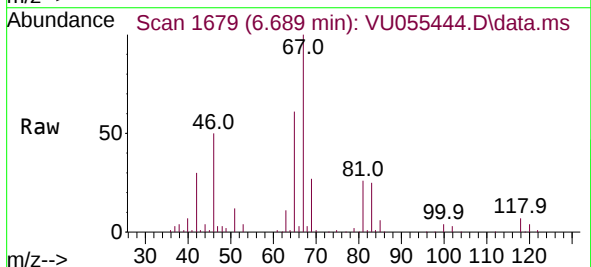
Instrument :
MSVOA_U
ClientSampleId :

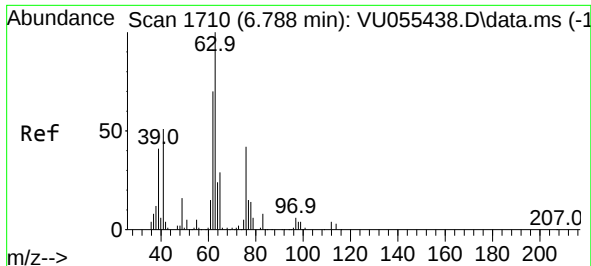
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
74 6.5 22.3 33.5#



#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

Tgt Ion: 83 Resp: 32739
Ion Ratio Lower Upper
83 100
55 0.2 59.1 88.7#
98 0.6 36.3 54.5#

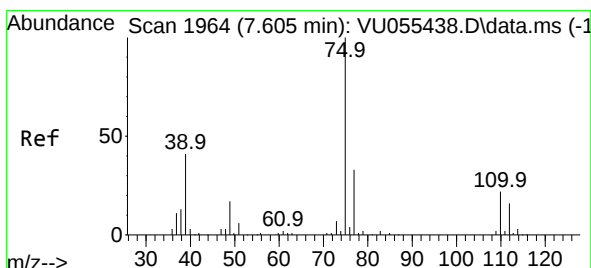
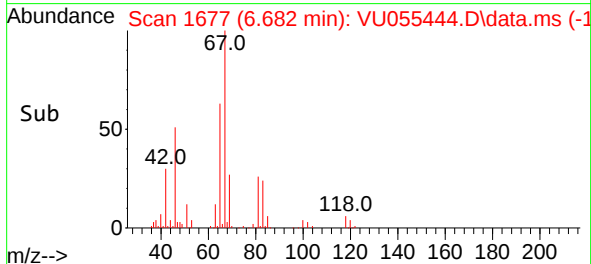
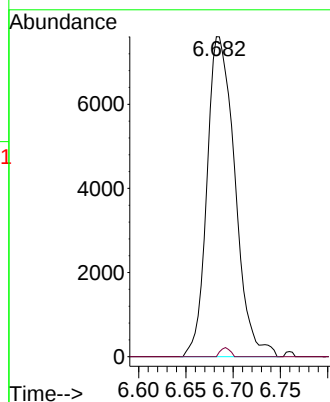
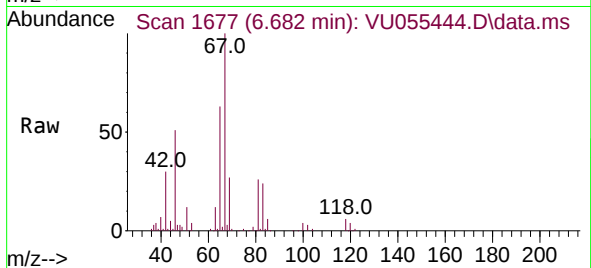




#37
1,2-Dichloropropane
Concen: 0.761 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

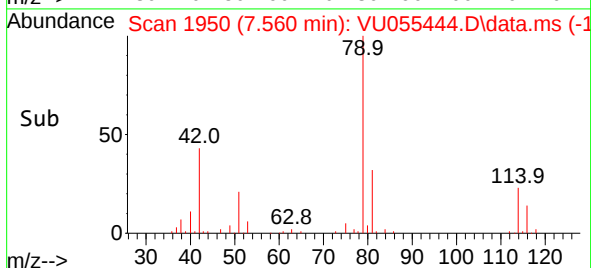
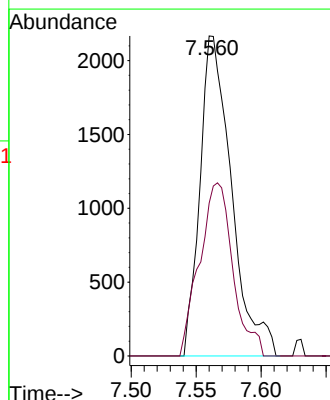
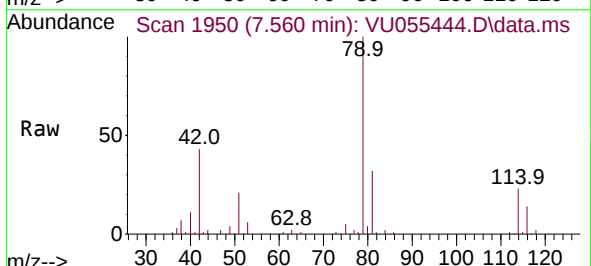
Instrument :
MSVOA_U
ClientSampleId :

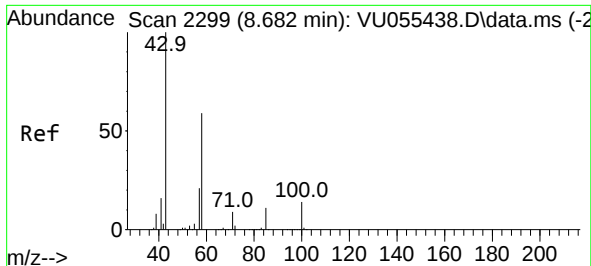
Tgt Ion: 63 Resp: 15615
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

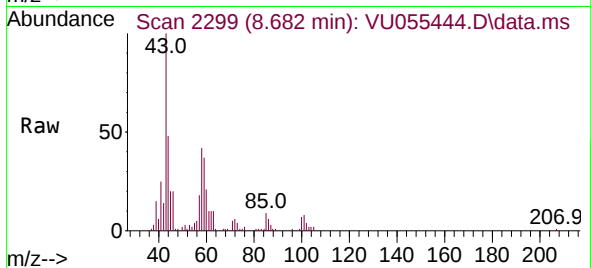
Tgt Ion: 75 Resp: 3668
Ion Ratio Lower Upper
75 100
77 47.8 21.6 40.2#



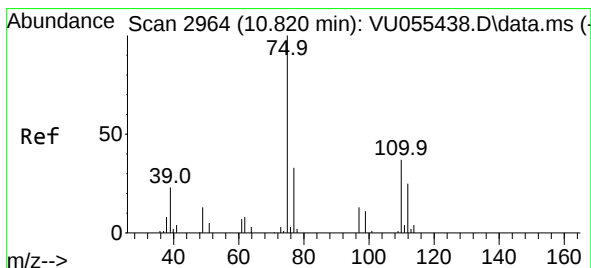
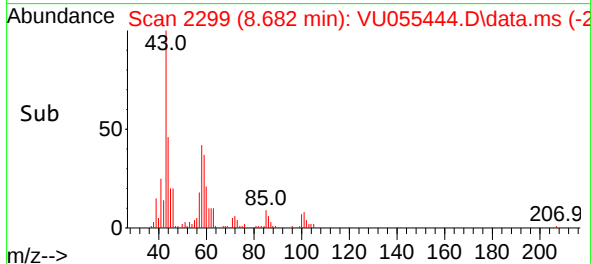
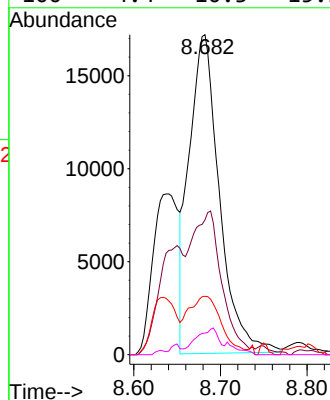


#48
2-Hexanone
Concen: 5.787 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 41740
Ion Ratio Lower Upper
43 100
58 45.0 48.5 72.7#
57 20.4 17.0 25.4
100 4.4 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.571 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055444.D
Acq: 21 Sep 2023 13:42

Tgt Ion: 75 Resp: 16304
Ion Ratio Lower Upper
75 100
110 2.8 30.6 45.8#
77 36.0 26.7 40.1

