

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057153.D
 Acq On : 21 Dec 2023 22:51
 Operator : MD/SY
 Sample : 05894-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

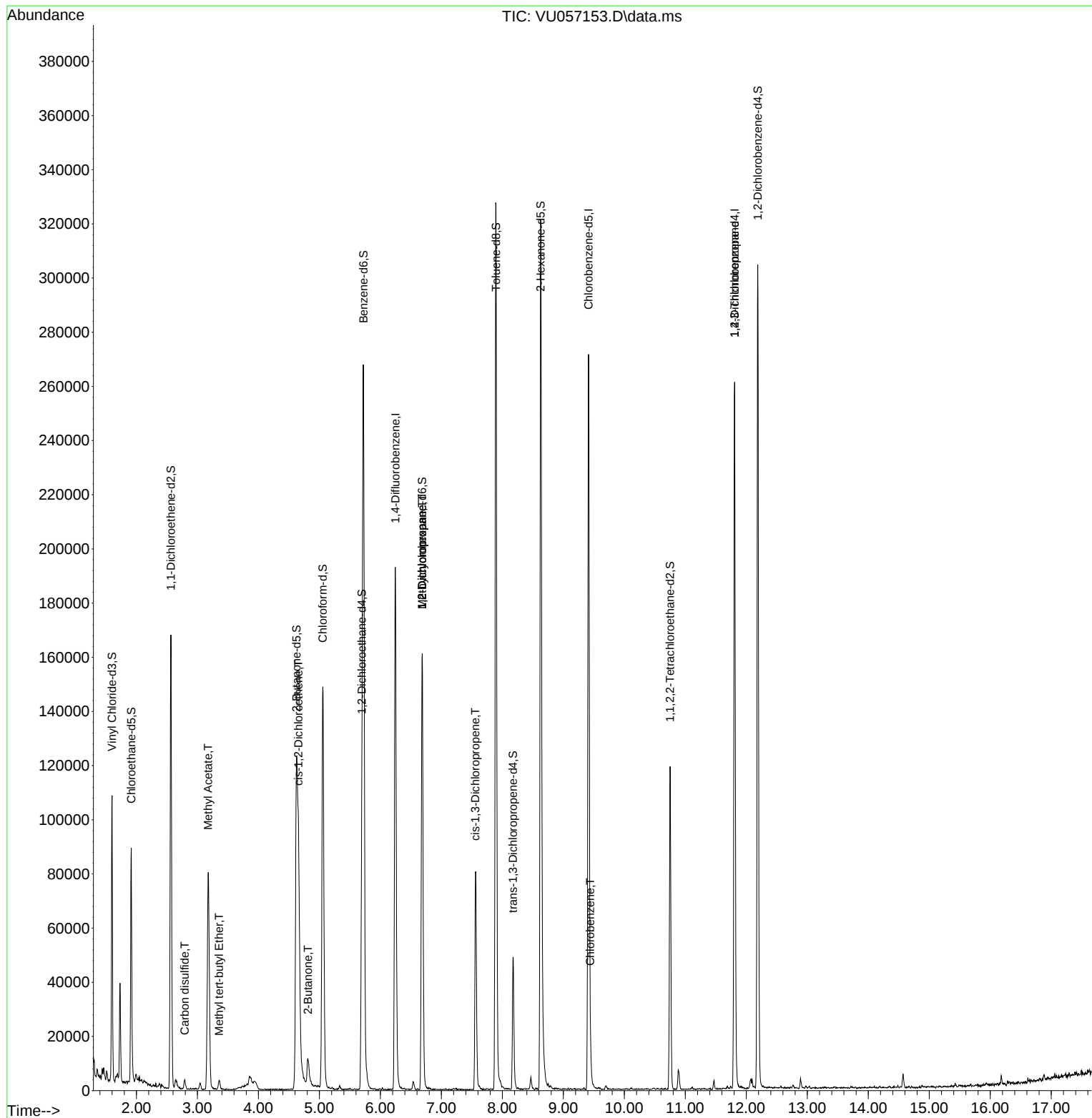
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72879	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.914	69	63320	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.563	65	30919	4.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.624	46	132997	57.043	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	5.055	84	143906	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	70268	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	256502	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	73029	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	220331	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	29800	4.786	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.628	63	110971	52.346	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56785	5.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	77889	5.253	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	5066	0.139	ug/L	98
15) Methyl Acetate	3.174	43	6381	1.930	ug/L #	58
17) Methyl tert-butyl Ether	3.354	73	3969	0.161	ug/L	93
21) 2-Butanone	4.811	43	16134	7.552	ug/L #	43
22) cis-1,2-Dichloroethene	4.657	96	27124	2.174	ug/L	95
35) Methylcyclohexane	6.685	83	19273	1.030	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9085	0.752	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2258	0.124	ug/L #	39
51) Chlorobenzene	9.441	112	5527	0.165	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	8366	1.303	ug/L #	63

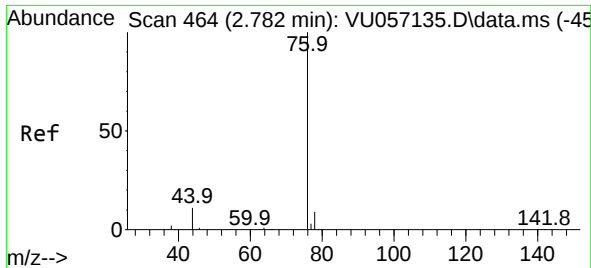
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.792 min Scan# 4

Delta R.T. 0.010 min

Lab File: VU057153.D

Acq: 21 Dec 2023 22:51

Instrument :

MSVOA_U

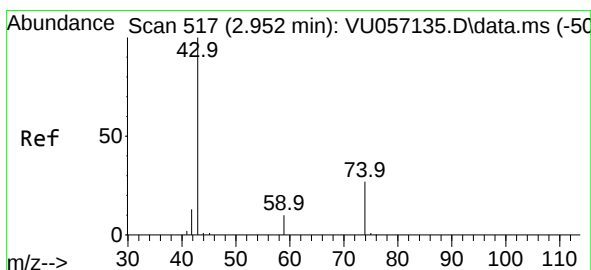
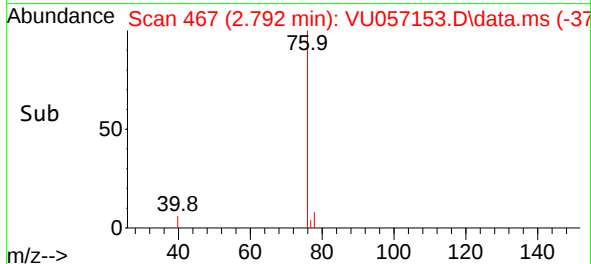
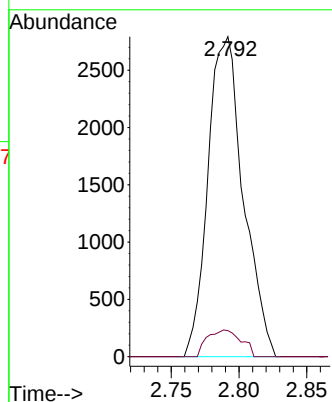
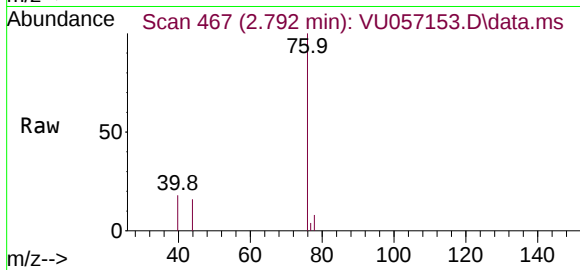
ClientSampleId :

Tgt Ion: 76 Resp: 5066

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7



#15

Methyl Acetate

Concen: 1.930 ug/L

RT: 3.174 min Scan# 586

Delta R.T. 0.222 min

Lab File: VU057153.D

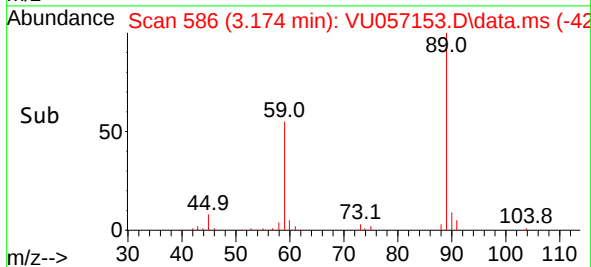
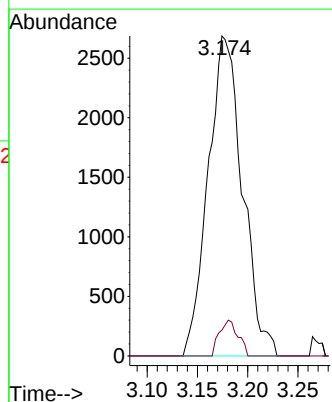
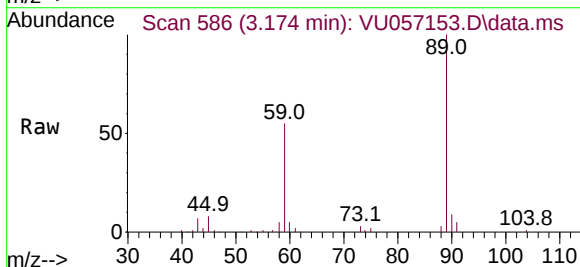
Acq: 21 Dec 2023 22:51

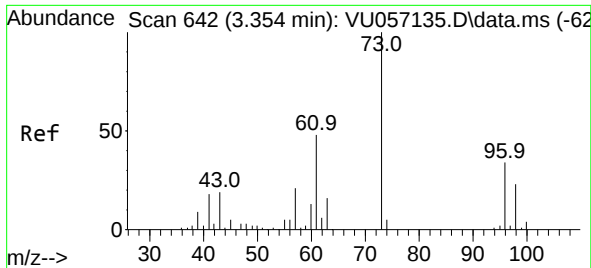
Tgt Ion: 43 Resp: 6381

Ion Ratio Lower Upper

43 100

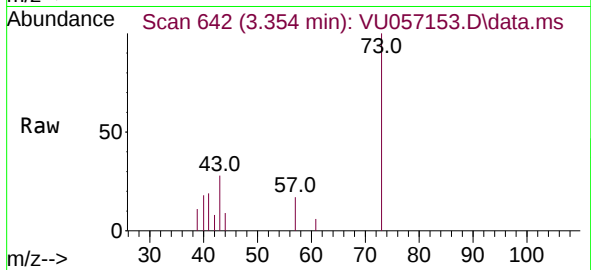
74 6.0 22.8 34.2#



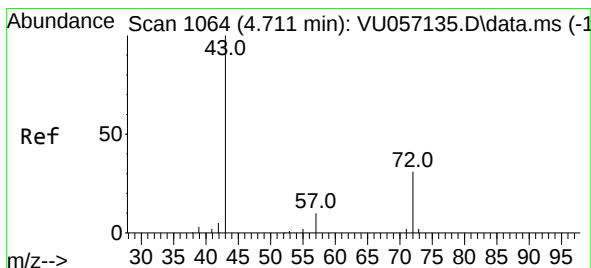
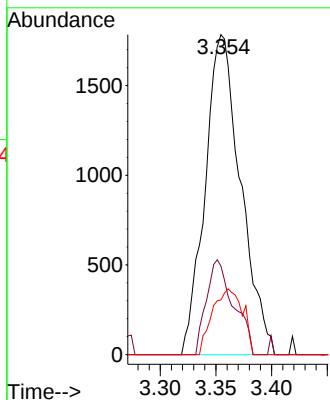
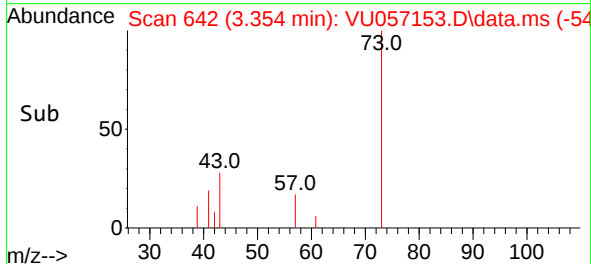


#17
Methyl tert-butyl Ether
Concen: 0.161 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

Instrument :
MSVOA_U
ClientSampleId :

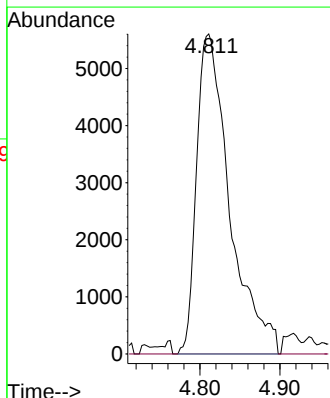
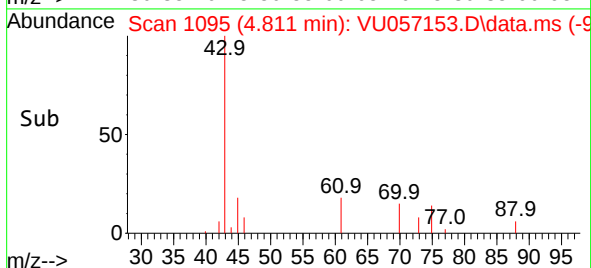
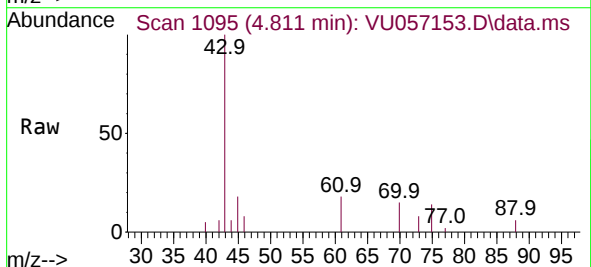


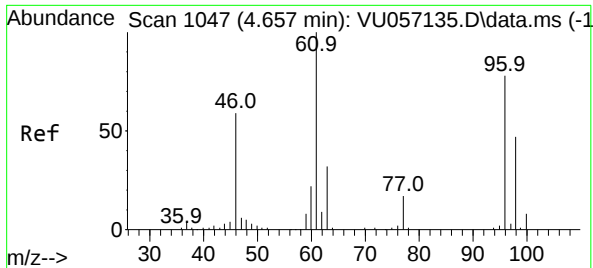
Tgt Ion: 73	Resp:	3969
Ion	Ratio	Lower Upper
73	100	
43	22.7	15.4 23.0
57	17.5	16.2 24.2



#21
2-Butanone
Concen: 7.552 ug/L
RT: 4.811 min Scan# 1095
Delta R.T. 0.100 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

Tgt Ion: 43	Resp:	16134
Ion	Ratio	Lower Upper
43	100	
72	0.5	16.3 48.8#





#22

cis-1,2-Dichloroethene

Concen: 2.174 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU057153.D

Acq: 21 Dec 2023 22:51

Instrument :

MSVOA_U

ClientSampleId :

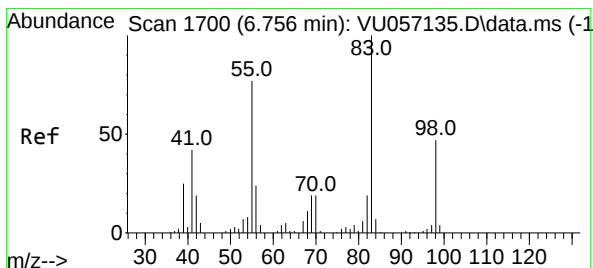
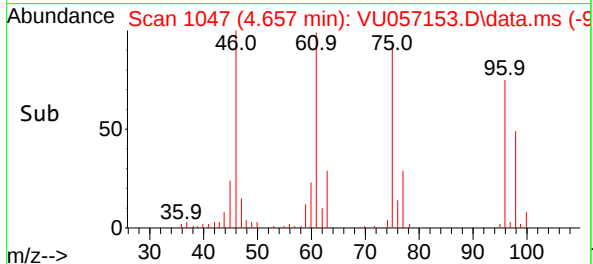
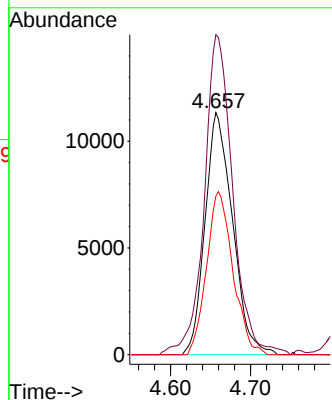
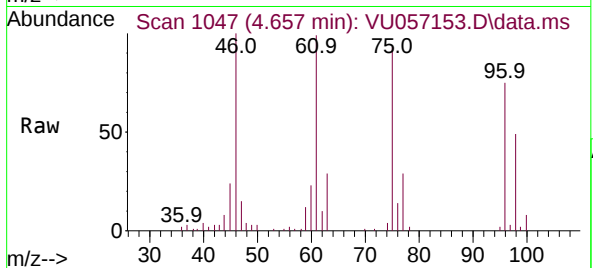
Tgt Ion: 96 Resp: 27124

Ion Ratio Lower Upper

96 100

61 132.2 86.8 161.2

98 65.6 45.5 84.5



#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057153.D

Acq: 21 Dec 2023 22:51

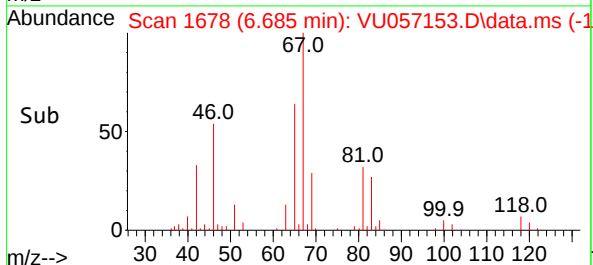
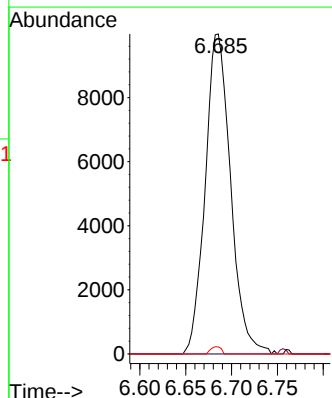
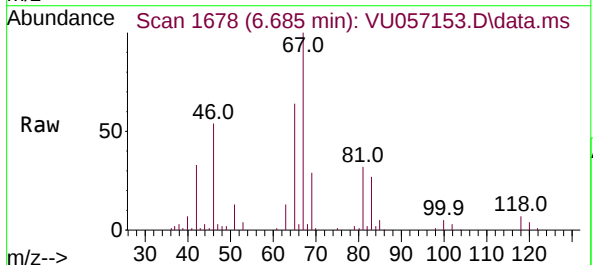
Tgt Ion: 83 Resp: 19273

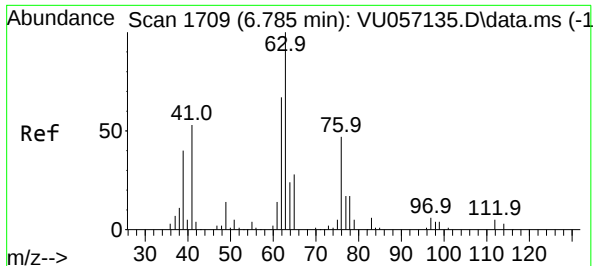
Ion Ratio Lower Upper

83 100

55 0.4 61.3 91.9#

98 0.9 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057153.D

Acq: 21 Dec 2023 22:51

Instrument :

MSVOA_U

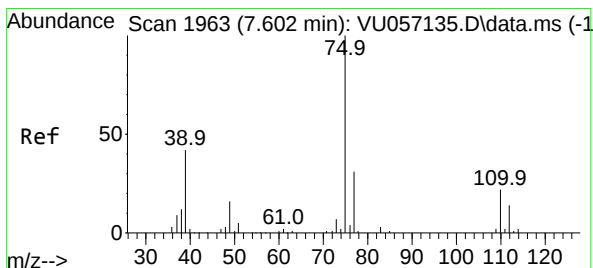
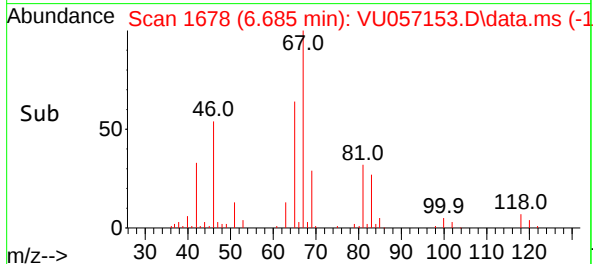
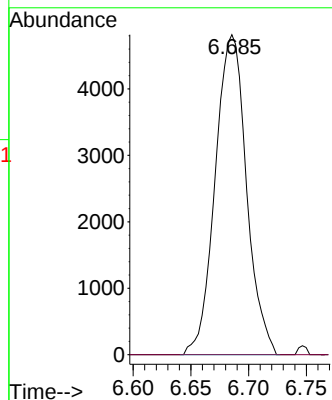
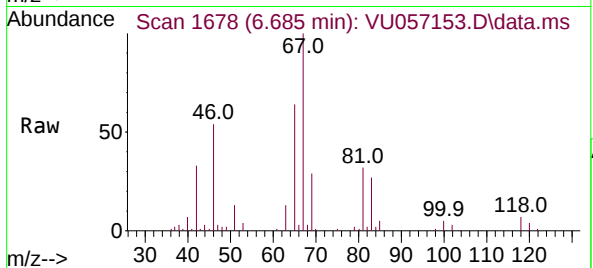
ClientSampleId :

Tgt Ion: 63 Resp: 9085

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.557 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU057153.D

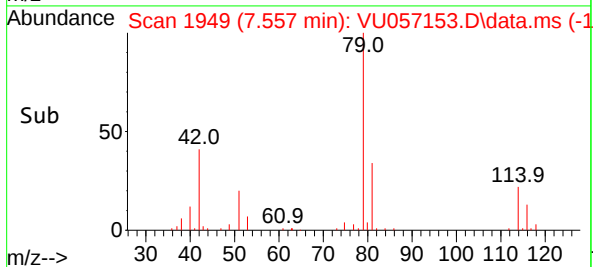
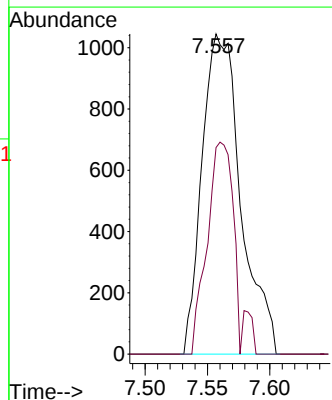
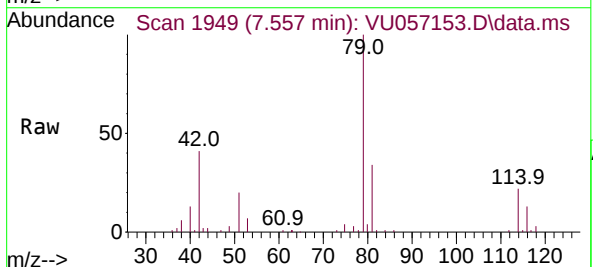
Acq: 21 Dec 2023 22:51

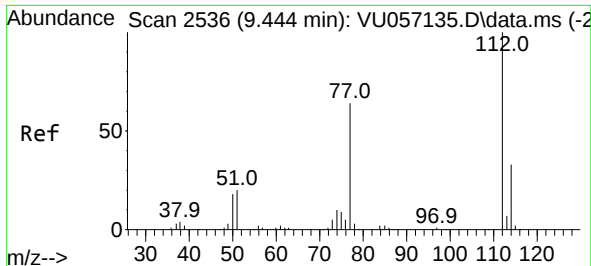
Tgt Ion: 75 Resp: 2258

Ion Ratio Lower Upper

75 100

77 64.5 21.8 40.4#

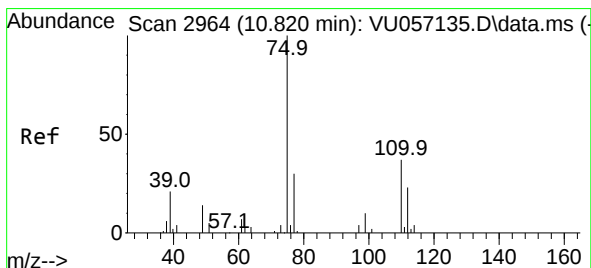
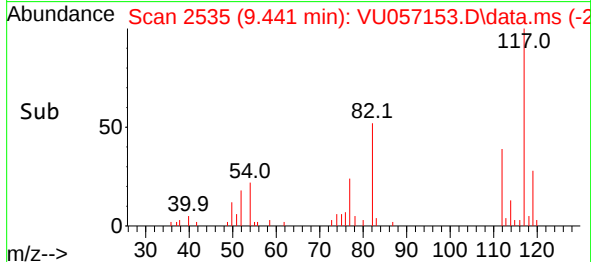
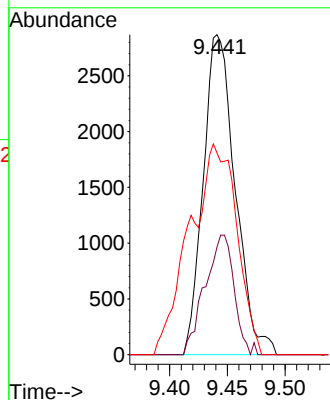
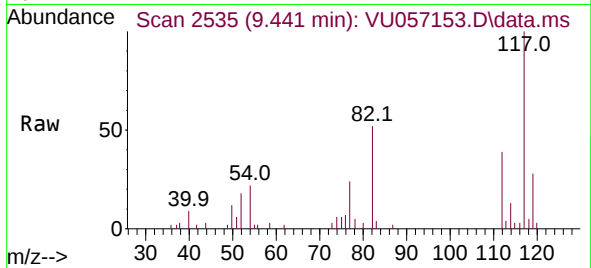




#51
Chlorobenzene
Concen: 0.165 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	112	Resp:	5527
Ion Ratio	Lower	Upper	
112	100		
114	30.5	22.7	42.1
77	57.2	52.2	78.2



#61
1,2,3-Trichloropropane
Concen: 1.303 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

Tgt Ion:	75	Resp:	8366
Ion Ratio	Lower	Upper	
75	100		
110	0.5	31.2	46.8#
77	34.4	25.5	38.3

