

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057150.D
 Acq On : 21 Dec 2023 21:39
 Operator : MD/SY
 Sample : 05894-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:34:36 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)

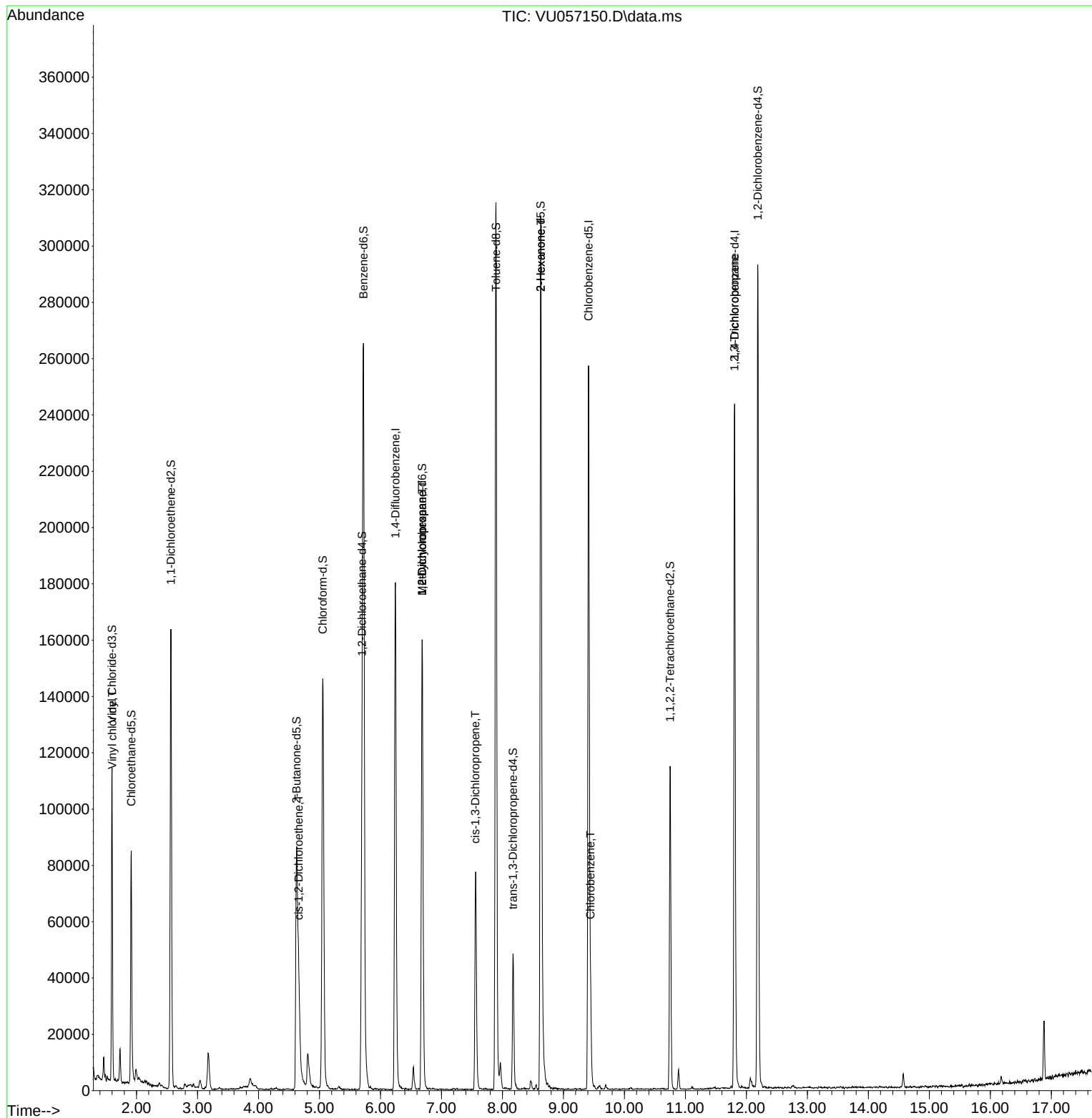
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	147677	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72240	5.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.914	69	59893	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.563	65	31895	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.400%
20) 2-Butanone-d5	4.624	46	128753	58.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.200%
24) Chloroform-d	5.055	84	140460	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.698	65	70215	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.721	84	254098	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.682	67	75162	5.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.894	98	217265	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	28064	4.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	107599	54.208	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55552	5.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74649	5.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2774	0.215	ug/L #	44
22) cis-1,2-Dichloroethene	4.660	96	10737	0.906	ug/L	90
35) Methylcyclohexane	6.682	83	19429	1.109	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8828	0.780	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2144	0.126	ug/L #	53
48) 2-Hexanone	8.631	43	12997	3.591	ug/L #	66
51) Chlorobenzene	9.444	112	18802	0.599	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	6842	1.161	ug/L #	64

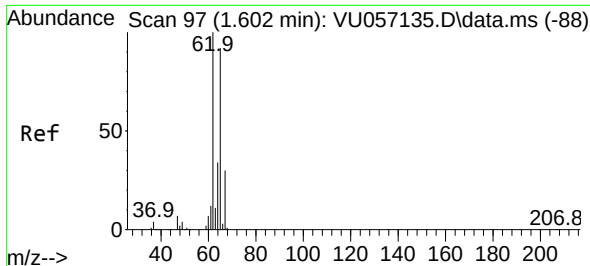
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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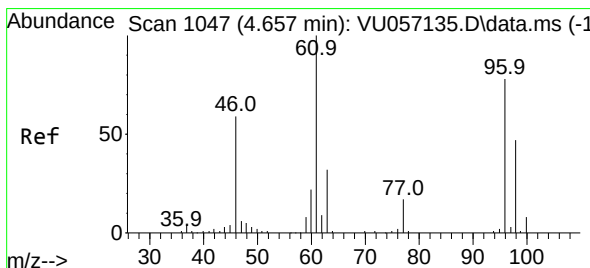
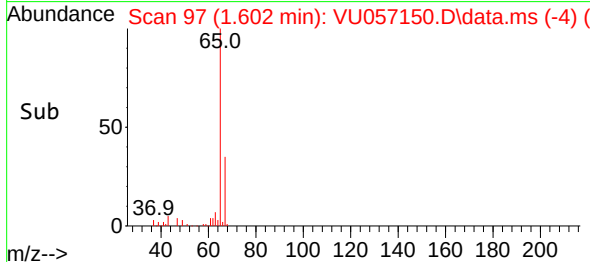
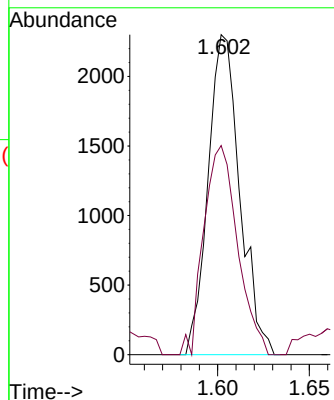
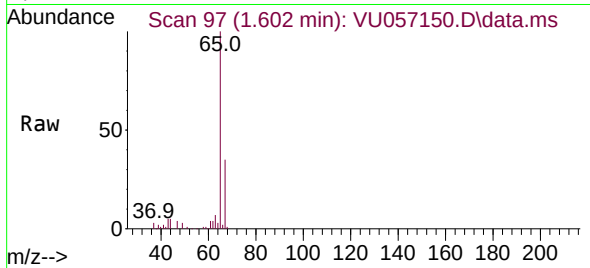




#5
 Vinyl chloride
 Concen: 0.215 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057150.D
 Acq: 21 Dec 2023 21:39

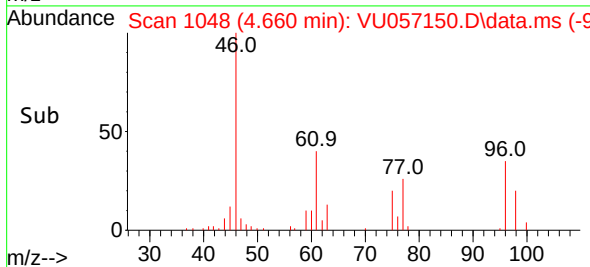
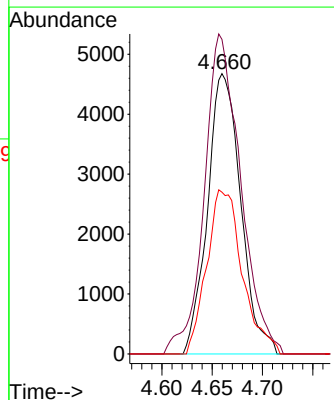
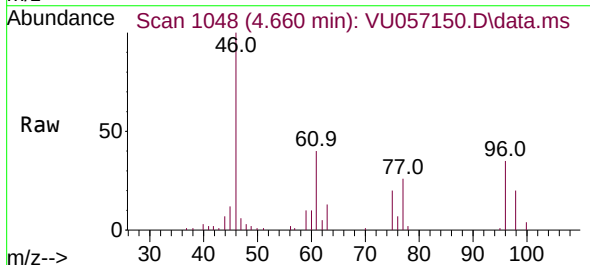
Instrument :
 MSVOA_U
 ClientSampleId :

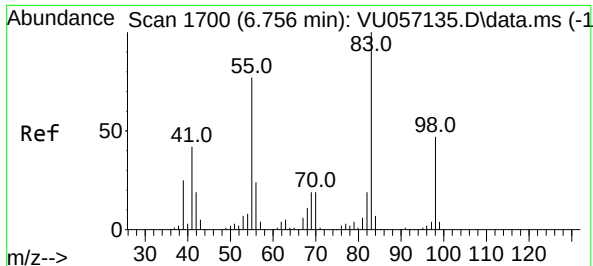
Tgt Ion: 62 Resp: 2774
 Ion Ratio Lower Upper
 62 100
 64 65.3 23.3 43.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.906 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057150.D
 Acq: 21 Dec 2023 21:39

Tgt Ion: 96 Resp: 10737
 Ion Ratio Lower Upper
 96 100
 61 112.2 86.8 161.2
 98 57.7 45.5 84.5





#35

Methylcyclohexane

Concen: 1.109 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057150.D

Acq: 21 Dec 2023 21:39

Instrument :

MSVOA_U

ClientSampleId :

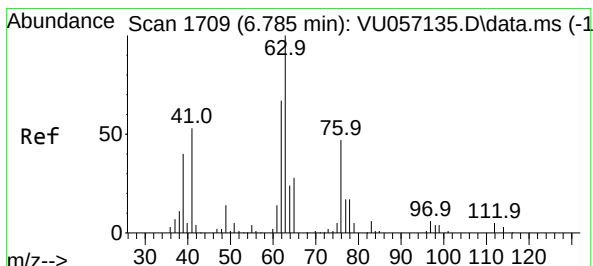
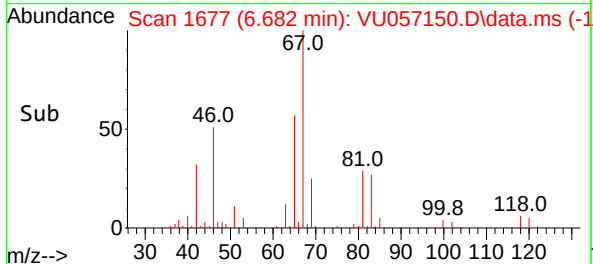
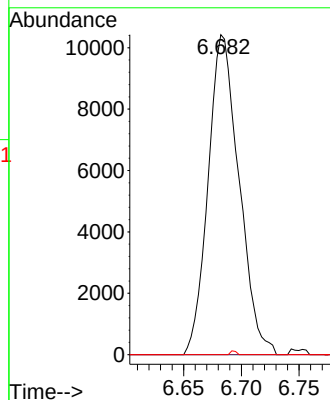
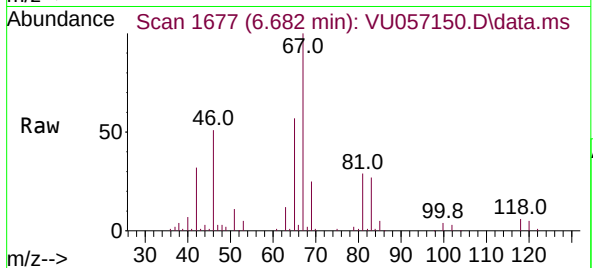
Tgt Ion: 83 Resp: 19429

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.2 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.780 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057150.D

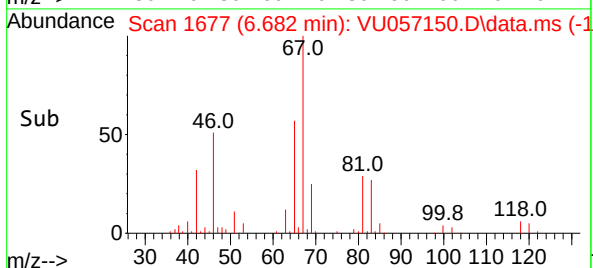
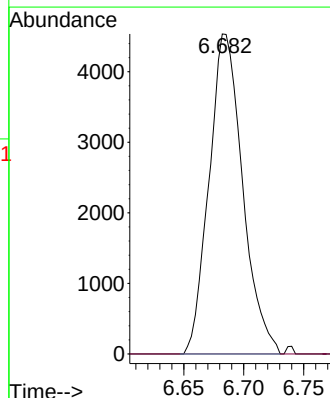
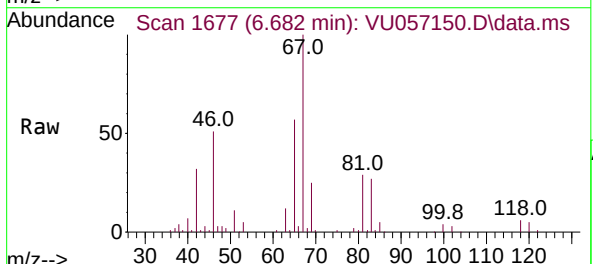
Acq: 21 Dec 2023 21:39

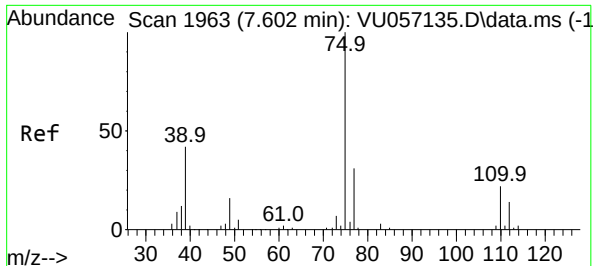
Tgt Ion: 63 Resp: 8828

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.557 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU057150.D

Acq: 21 Dec 2023 21:39

Instrument :

MSVOA_U

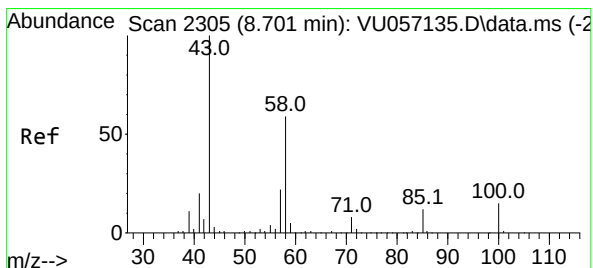
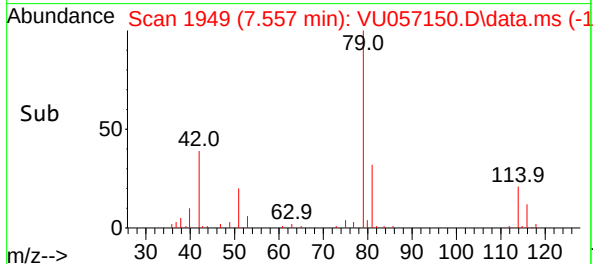
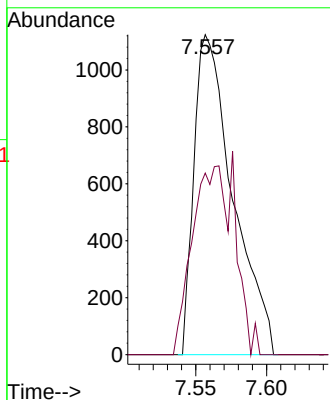
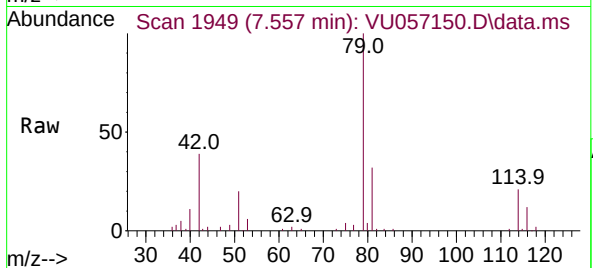
ClientSampleId :

Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 56.8 21.8 40.4#



#48

2-Hexanone

Concen: 3.591 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.071 min

Lab File: VU057150.D

Acq: 21 Dec 2023 21:39

Tgt Ion: 43 Resp: 12997

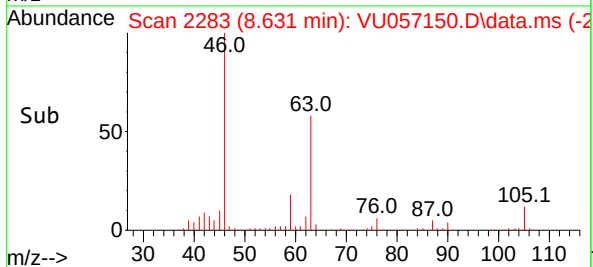
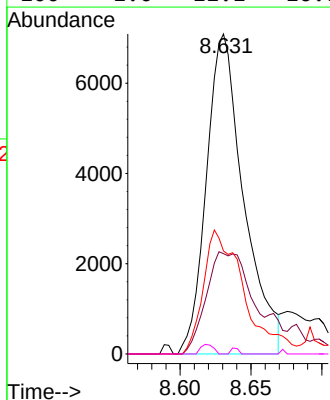
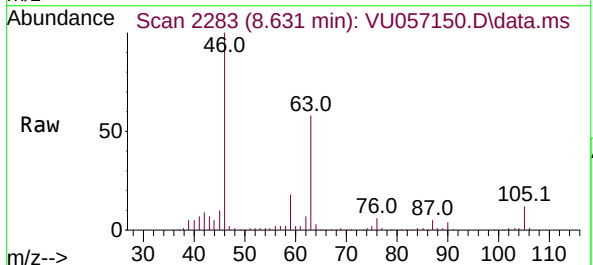
Ion Ratio Lower Upper

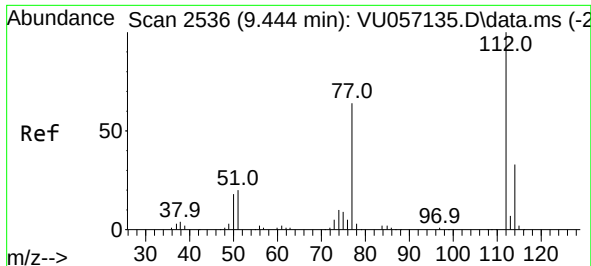
43 100

58 37.4 49.8 74.8#

57 42.1 18.5 27.7#

100 1.0 11.1 16.7#

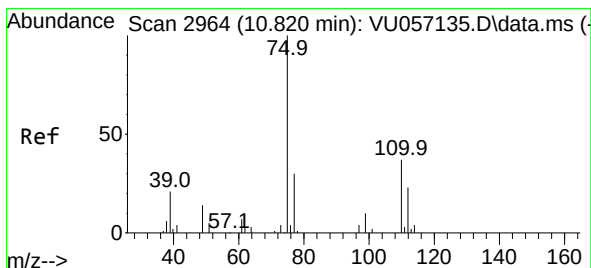
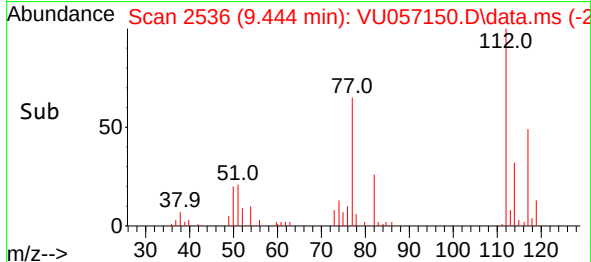
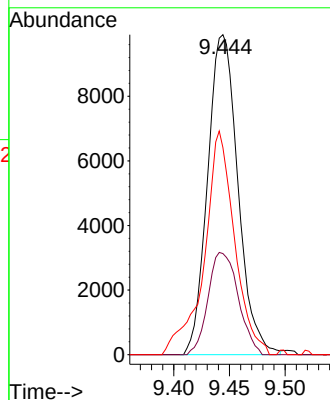
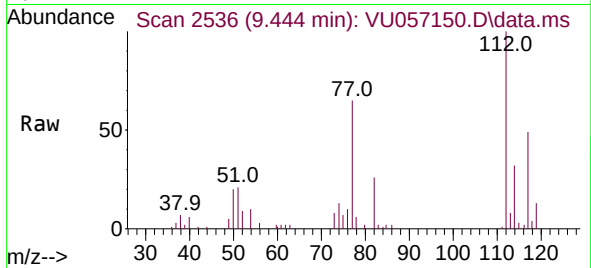




#51
Chlorobenzene
Concen: 0.599 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057150.D
Acq: 21 Dec 2023 21:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 18802
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 64.7 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.161 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.984 min
Lab File: VU057150.D
Acq: 21 Dec 2023 21:39

Tgt Ion: 75 Resp: 6842
Ion Ratio Lower Upper
75 100
110 3.5 31.2 46.8#
77 36.9 25.5 38.3

