

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057219.D
 Acq On : 23 Dec 2023 03:50
 Operator : MD/SY
 Sample : 05927-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

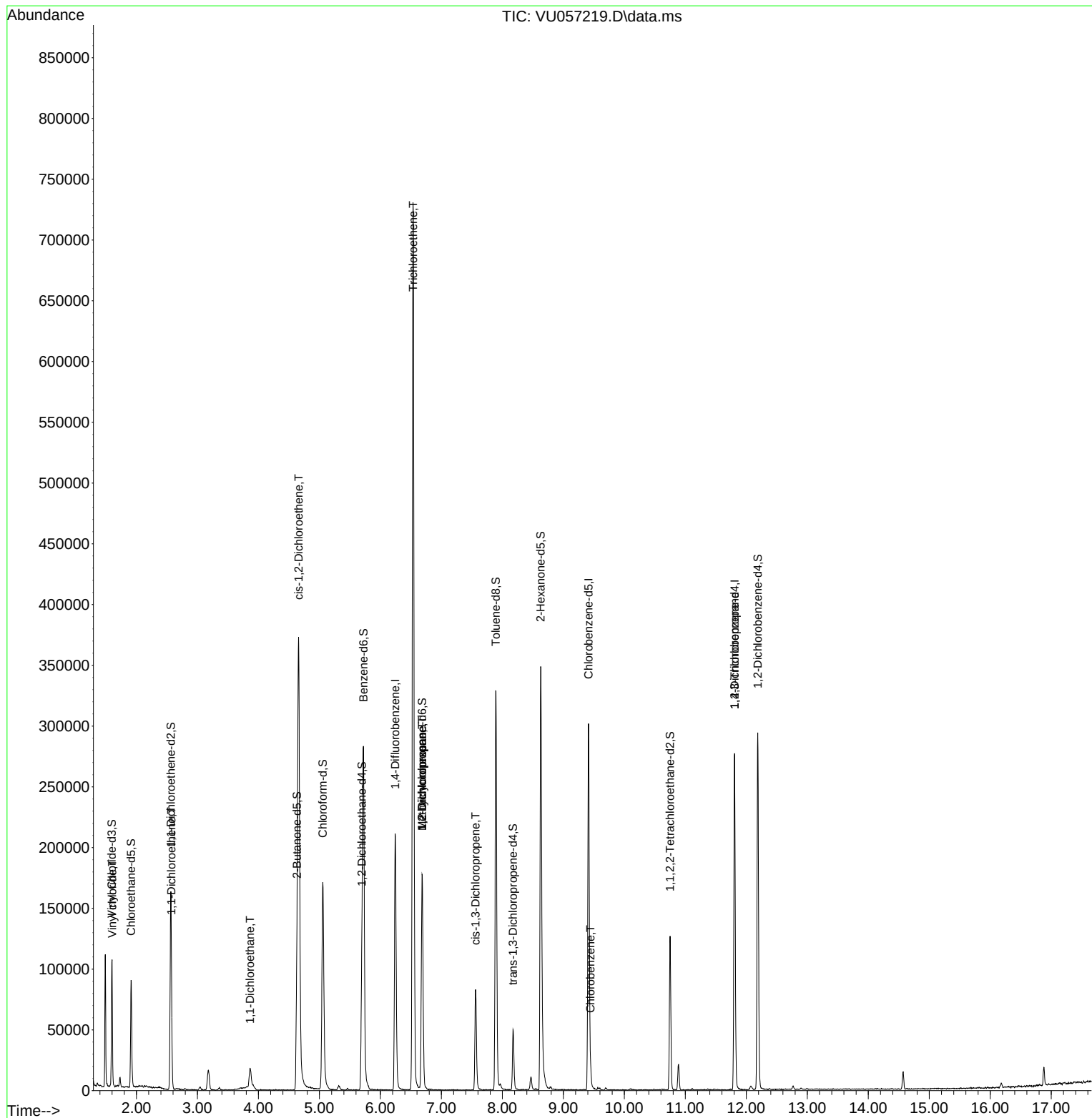
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170657	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70071	4.296	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	65553	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	31065	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	152142	59.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.820%
24) Chloroform-d	5.055	84	151861	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	73410	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	273740	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	84838	5.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	226675	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	30277	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	119628	50.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62600	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	76522	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3755	0.252	ug/L #	71
12) 1,1-Dichloroethene	2.573	96	2707	0.212	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	19016	0.770	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	175091	12.779	ug/L	97
34) Trichloroethene	6.534	95	260004	16.522	ug/L	97
35) Methylcyclohexane	6.685	83	22249	1.074	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9658	0.721	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2316	0.115	ug/L	84
51) Chlorobenzene	9.444	112	6923	0.187	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	8471	1.250	ug/L #	60

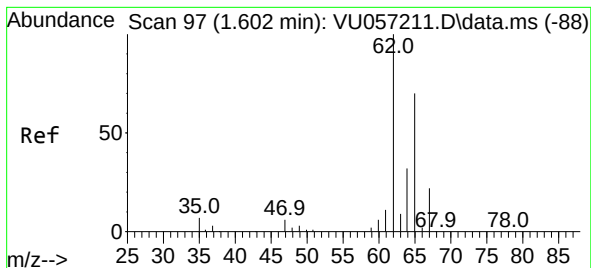
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.252 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

Instrument :

MSVOA_U

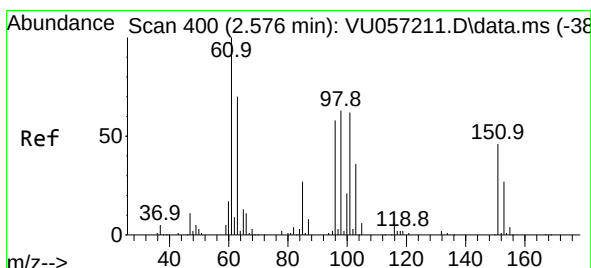
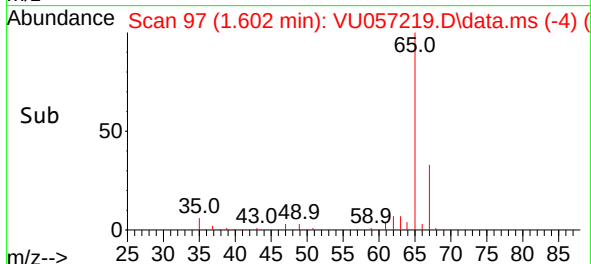
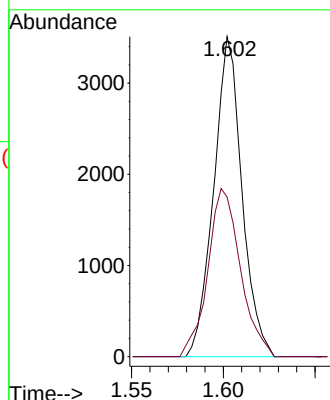
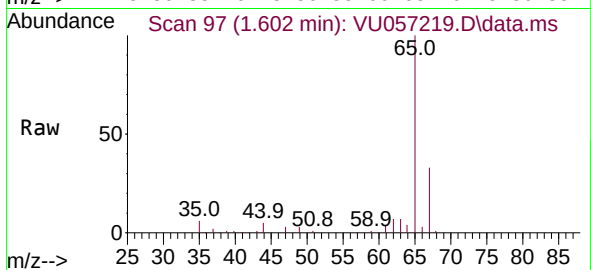
ClientSampleId :

Tgt Ion: 62 Resp: 3755

Ion Ratio Lower Upper

62 100

64 49.9 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 0.212 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

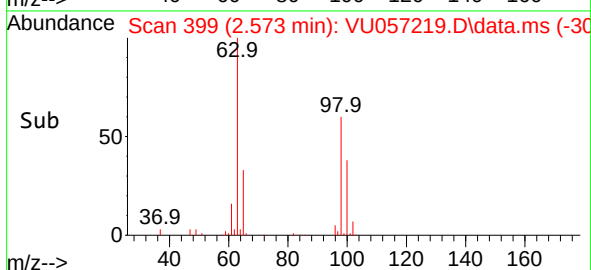
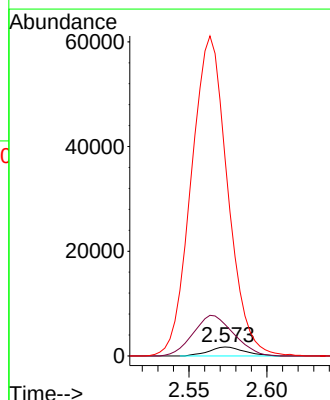
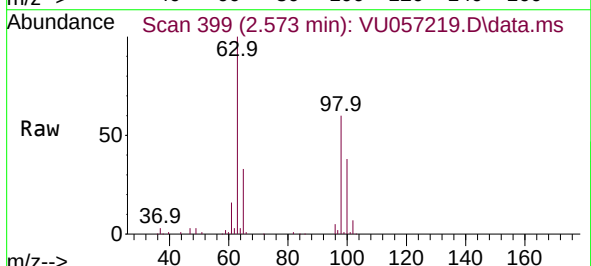
Tgt Ion: 96 Resp: 2707

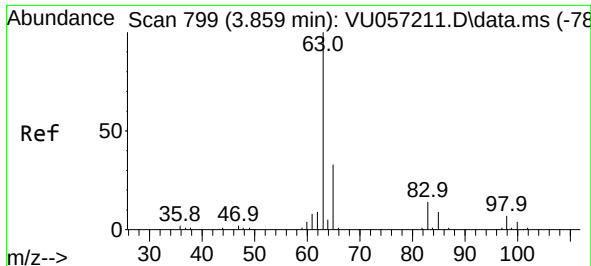
Ion Ratio Lower Upper

96 100

61 350.1 119.6 222.0#

63 2198.3 96.2 178.8#





#19

1,1-Dichloroethane

Concen: 0.770 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057219.D

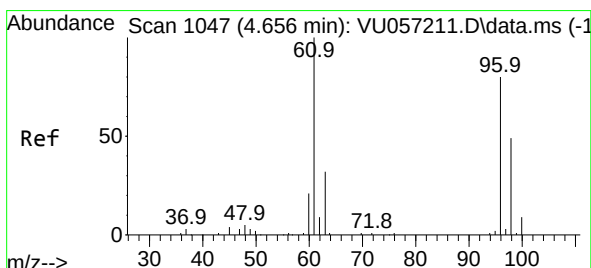
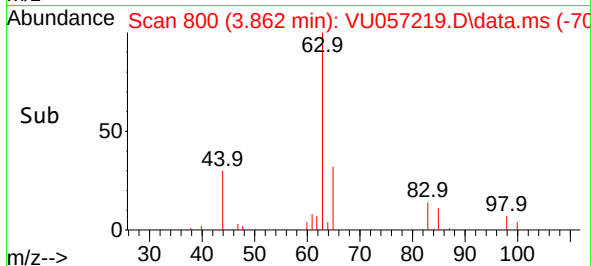
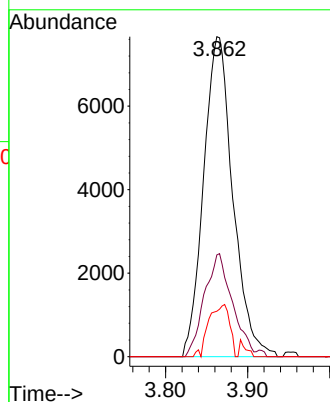
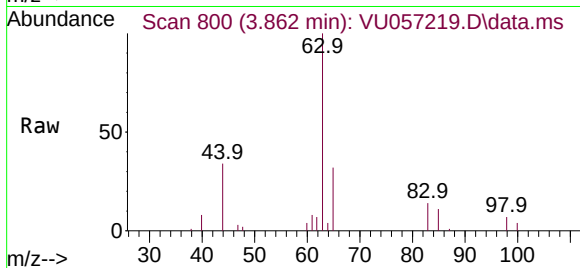
Acq: 23 Dec 2023 03:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 19016
Ion Ratio	Lower Upper
63	100
65	31.8 21.6 40.2
83	14.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 12.779 ug/L

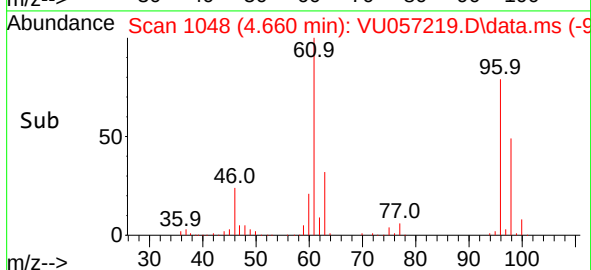
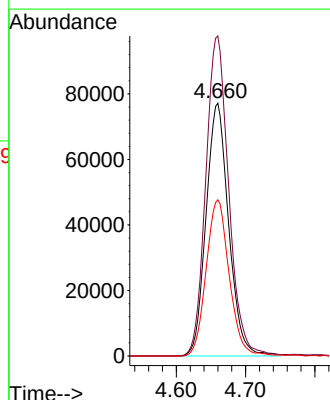
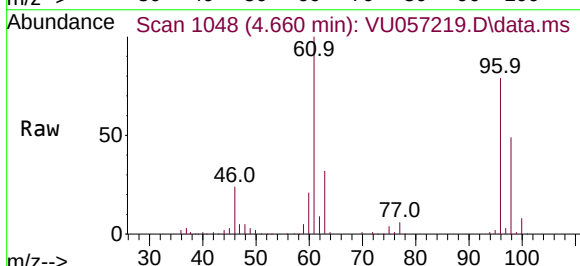
RT: 4.660 min Scan# 1048

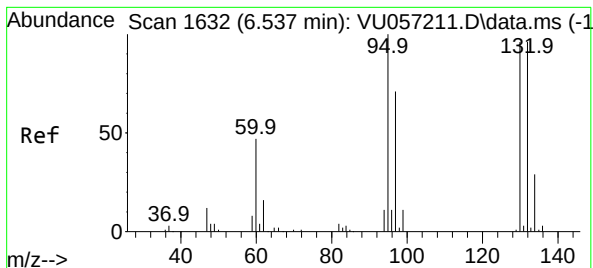
Delta R.T. 0.003 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

Tgt Ion: 96	Resp: 175091
Ion Ratio	Lower Upper
96	100
61	126.6 86.8 161.2
98	61.8 45.5 84.5





#34

Trichloroethene

Concen: 16.522 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 260004

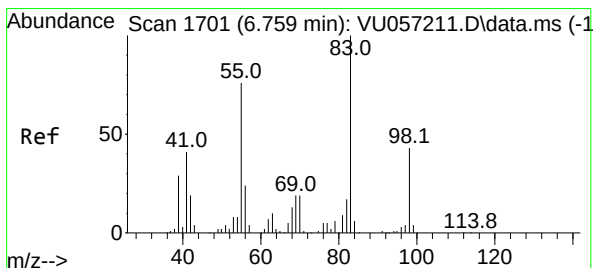
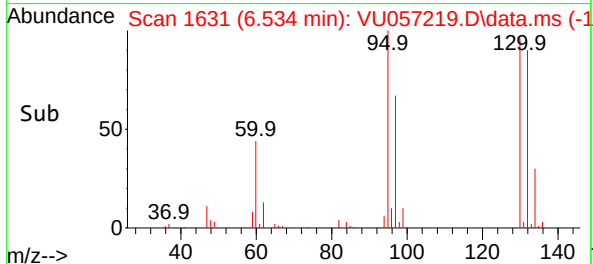
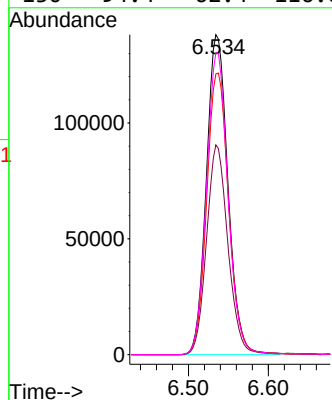
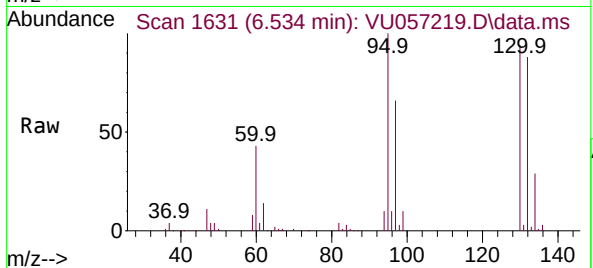
Ion Ratio Lower Upper

95 100

97 65.6 44.3 82.3

132 87.8 62.6 116.2

130 94.4 62.4 116.0



#35

Methylcyclohexane

Concen: 1.074 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

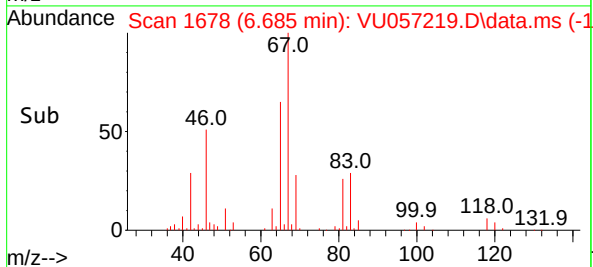
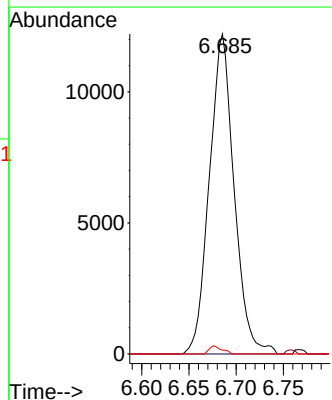
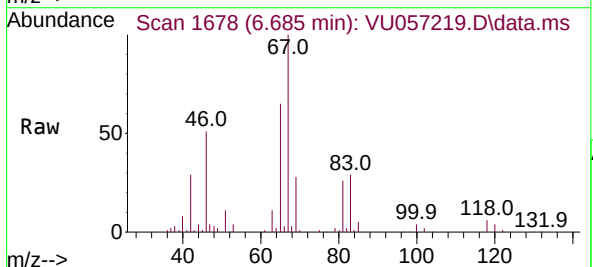
Tgt Ion: 83 Resp: 22249

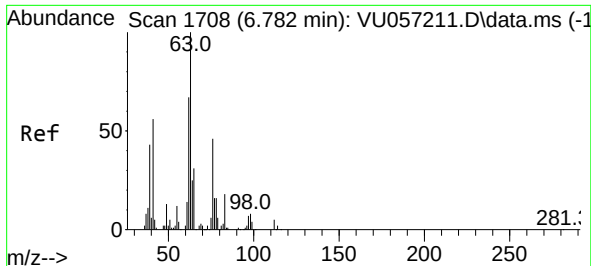
Ion Ratio Lower Upper

83 100

55 0.4 61.3 91.9#

98 1.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU057219.D

Acq: 23 Dec 2023 03:50

Instrument :

MSVOA_U

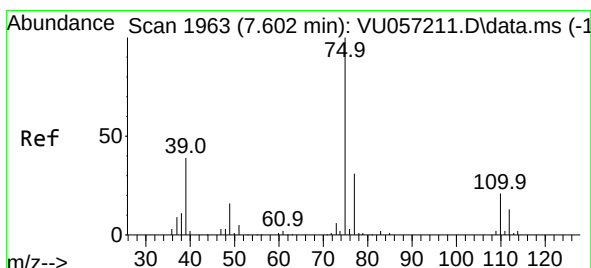
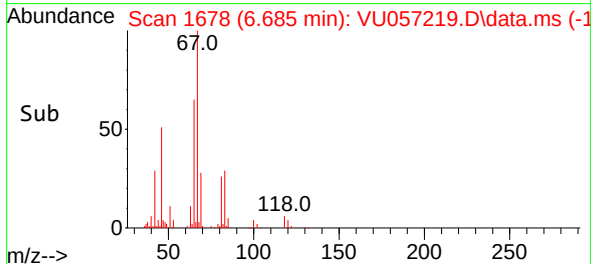
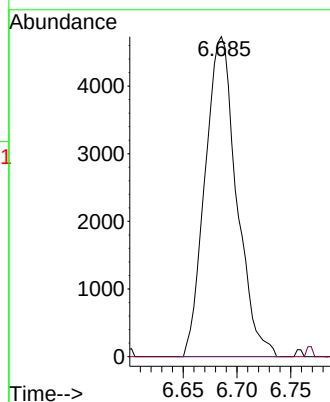
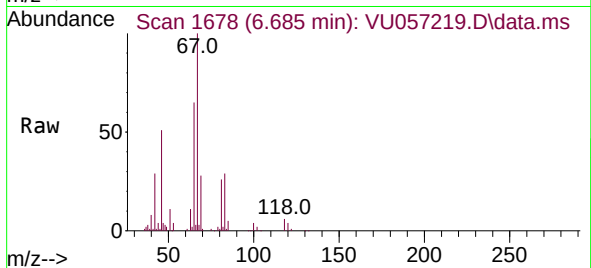
ClientSampleId :

Tgt Ion: 63 Resp: 9658

Ion Ratio Lower Upper

63 100

112 0.6 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057219.D

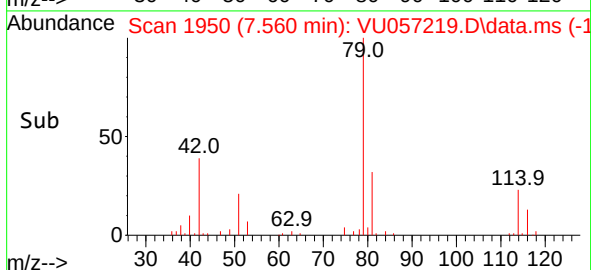
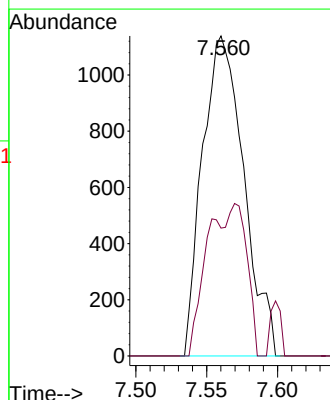
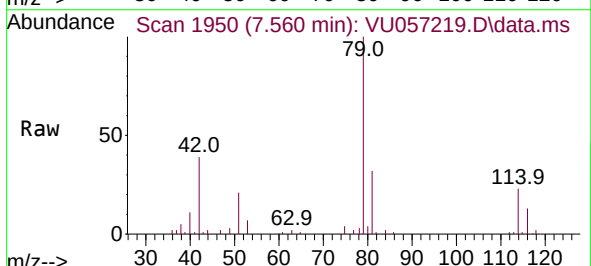
Acq: 23 Dec 2023 03:50

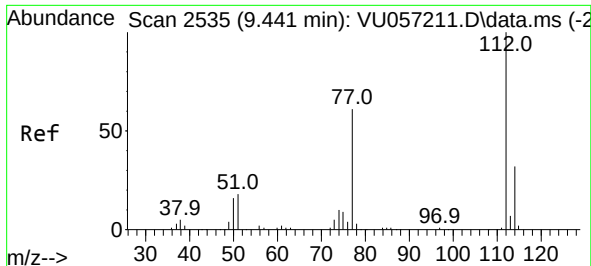
Tgt Ion: 75 Resp: 2316

Ion Ratio Lower Upper

75 100

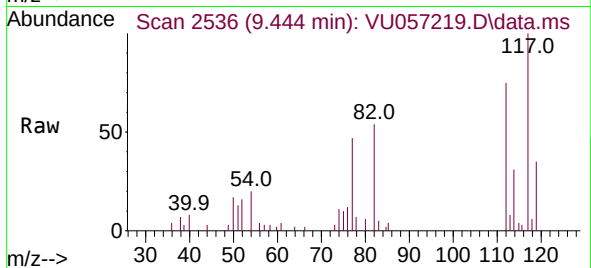
77 39.9 21.8 40.4



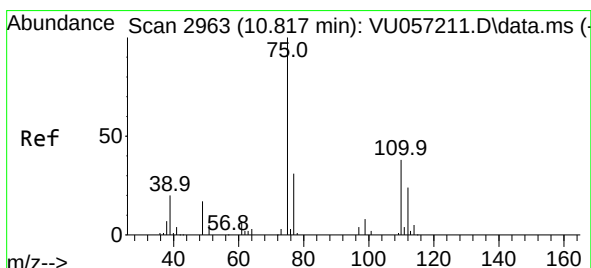
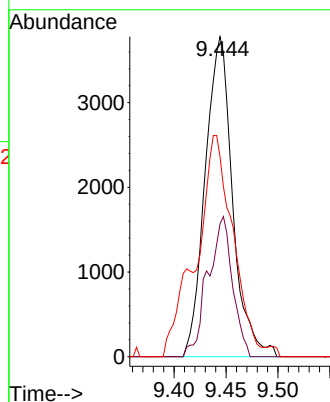
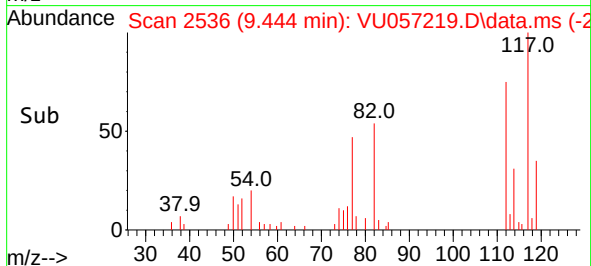


#51
Chlorobenzene
Concen: 0.187 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057219.D
Acq: 23 Dec 2023 03:50

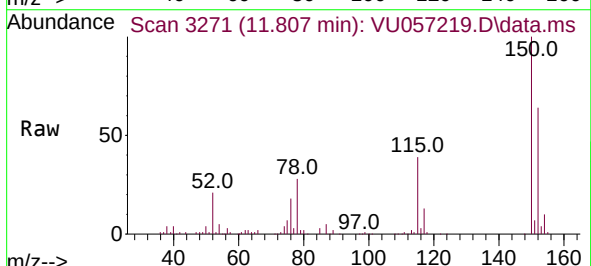
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:112 Resp: 6923
Ion Ratio Lower Upper
112 100
114 41.5 22.7 42.1
77 62.5 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.250 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057219.D
Acq: 23 Dec 2023 03:50



Tgt Ion: 75 Resp: 8471
Ion Ratio Lower Upper
75 100
110 2.2 31.2 46.8#
77 40.0 25.5 38.3#

