

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057189.D
 Acq On : 22 Dec 2023 14:57
 Operator : MD/SY
 Sample : 05892-06 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:48:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

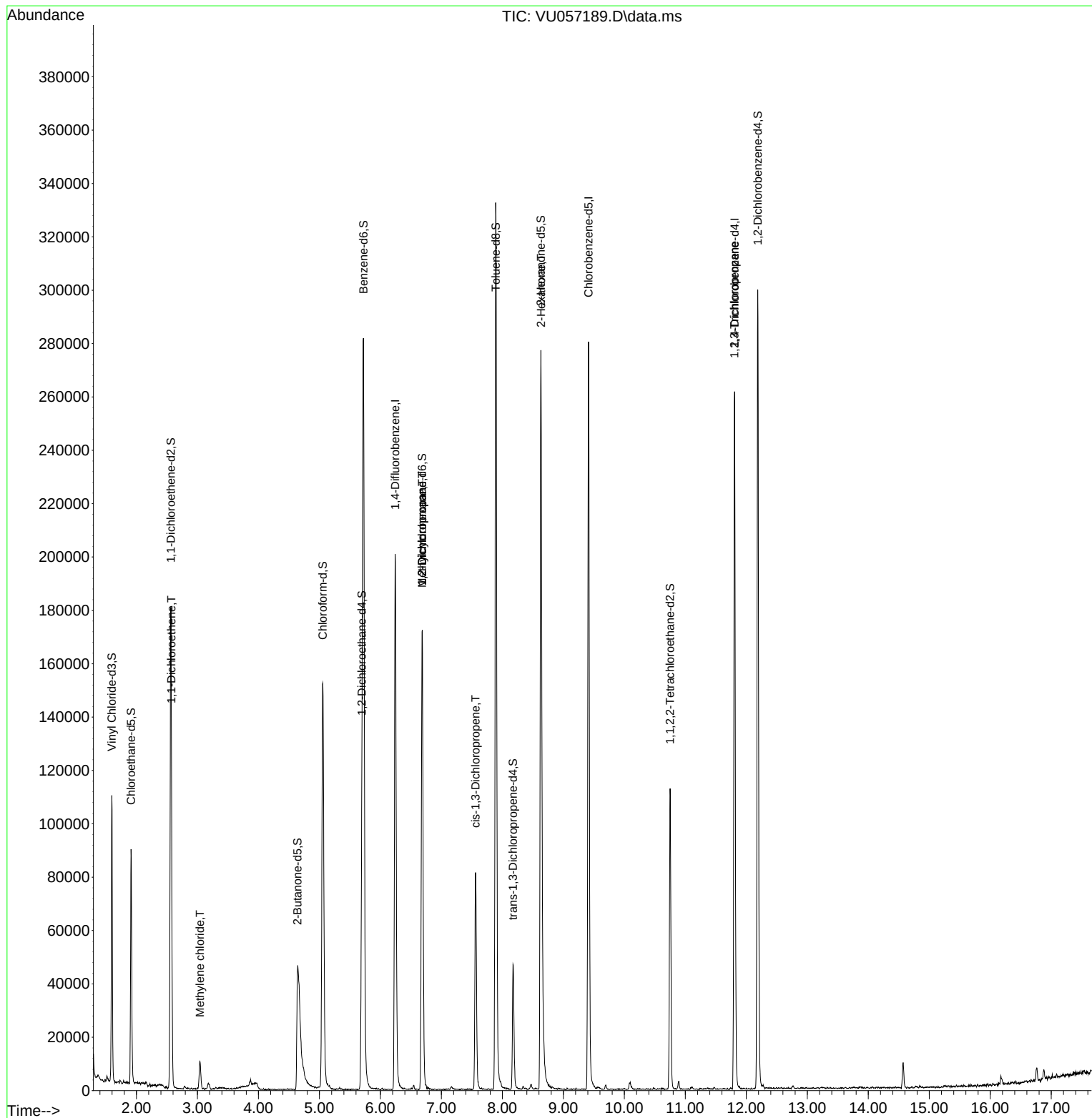
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73812	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.911	69	65009	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.563	65	32018	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.641	46	111634	46.077	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.160%
24) Chloroform-d	5.052	84	152485	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.695	65	72198	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	271474	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.685	67	82508	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.891	98	231762	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	29139	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	100761	45.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56360	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	78159	5.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	9169	0.760	ug/L #	1
16) Methylene chloride	3.039	84	5505	0.392	ug/L	93
35) Methylcyclohexane	6.682	83	20054	1.024	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9348	0.739	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	2519	0.132	ug/L #	70
48) 2-Hexanone	8.634	43	13313	3.290	ug/L #	71
61) 1,2,3-Trichloropropane	11.804	75	7850	1.204	ug/L #	66

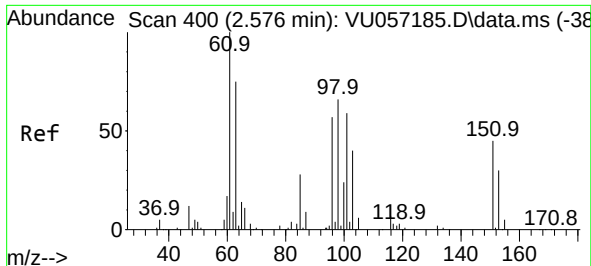
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

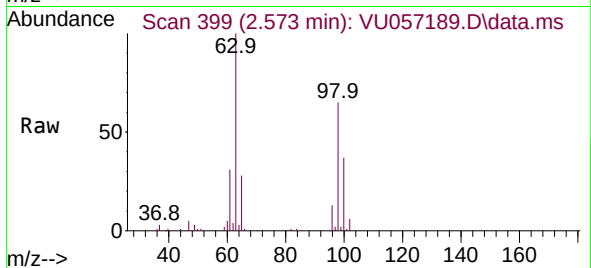
Lab File: VU057189.D

Acq: 22 Dec 2023 14:57

Instrument :

MSVOA_U

ClientSampleId :



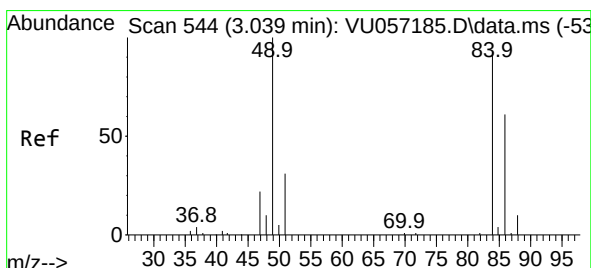
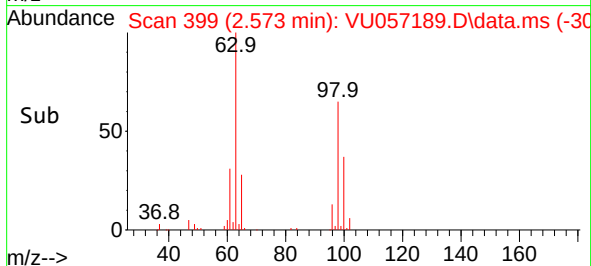
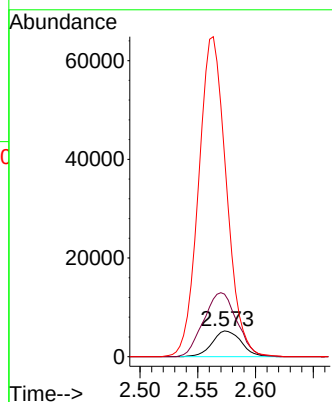
Tgt Ion: 96 Resp: 9169

Ion Ratio Lower Upper

96 100

61 242.9 119.6 222.0#

63 778.9 96.2 178.8#



#16

Methylene chloride

Concen: 0.392 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU057189.D

Acq: 22 Dec 2023 14:57

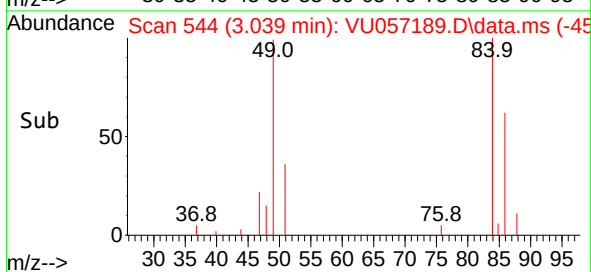
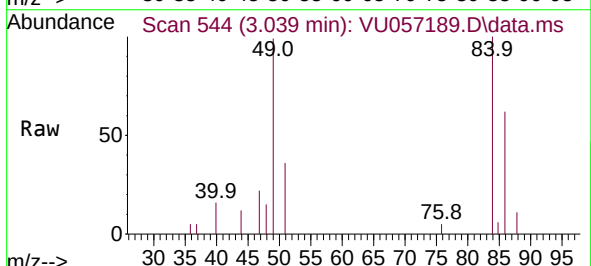
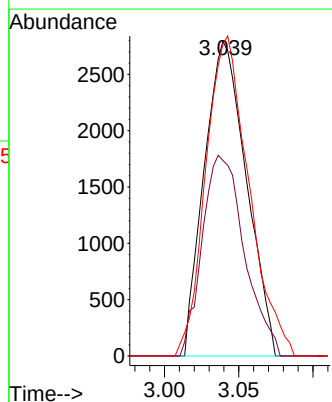
Tgt Ion: 84 Resp: 5505

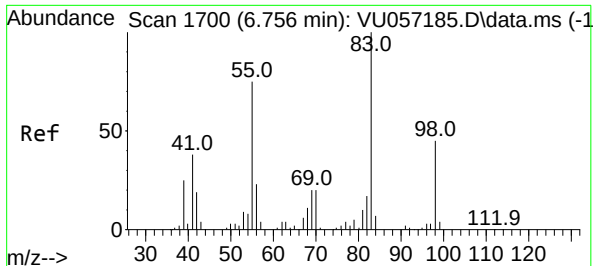
Ion Ratio Lower Upper

84 100

86 62.2 44.7 82.9

49 99.0 76.0 141.2

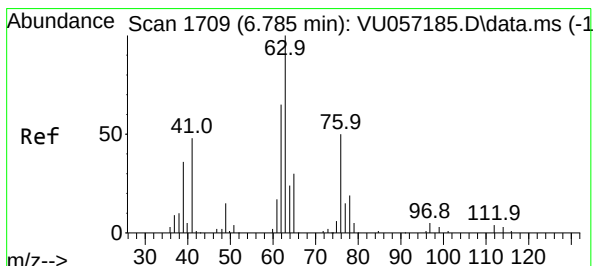
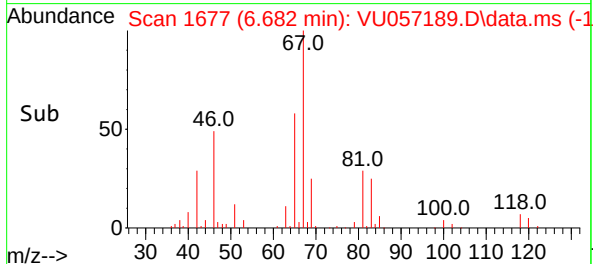
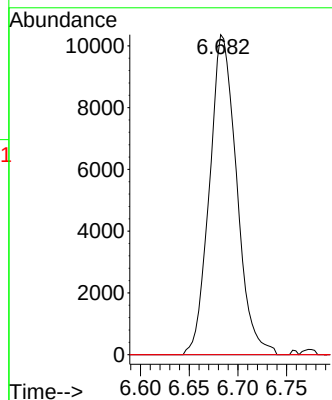
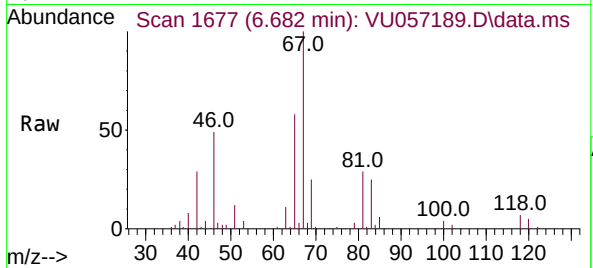




#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057189.D
Acq: 22 Dec 2023 14:57

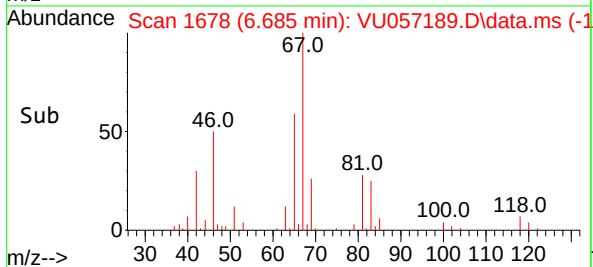
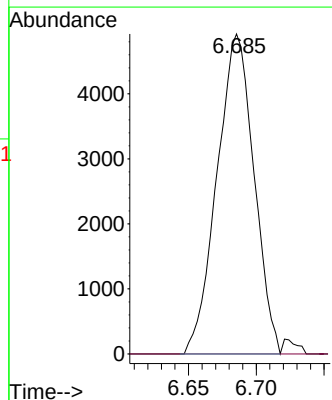
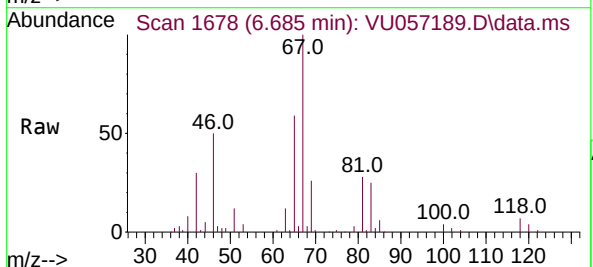
Instrument :
MSVOA_U
ClientSampleId :

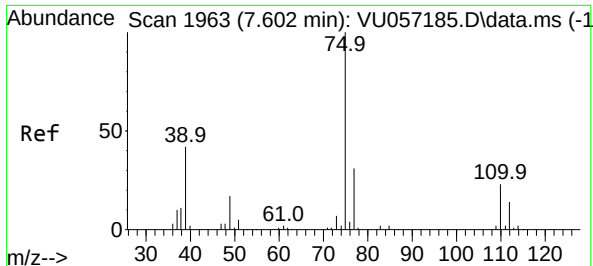
Tgt Ion: 83 Resp: 20054
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057189.D
Acq: 22 Dec 2023 14:57

Tgt Ion: 63 Resp: 9348
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057189.D

Acq: 22 Dec 2023 14:57

Instrument :

MSVOA_U

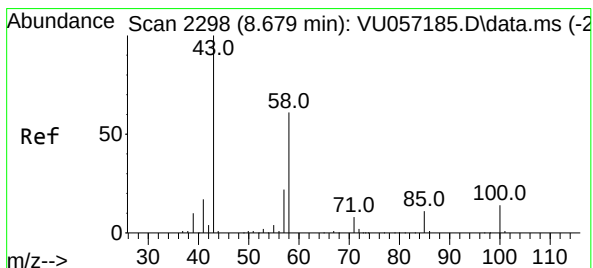
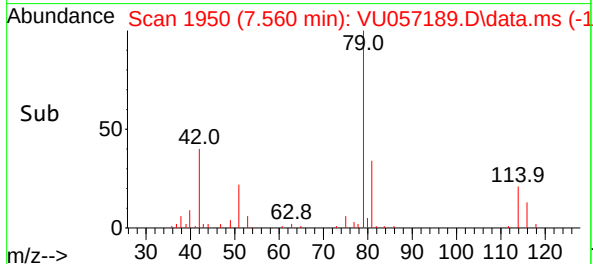
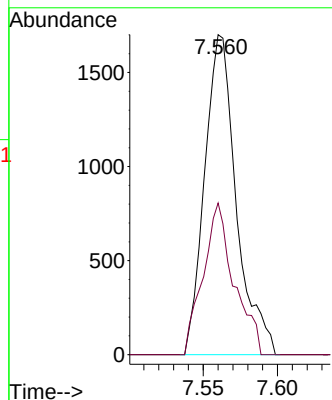
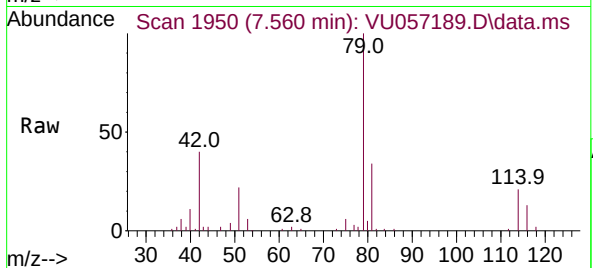
ClientSampleId :

Tgt Ion: 75 Resp: 2519

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.4#



#48

2-Hexanone

Concen: 3.290 ug/L

RT: 8.634 min Scan# 2284

Delta R.T. -0.045 min

Lab File: VU057189.D

Acq: 22 Dec 2023 14:57

Tgt Ion: 43 Resp: 13313

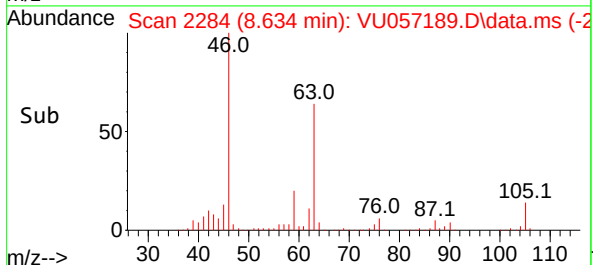
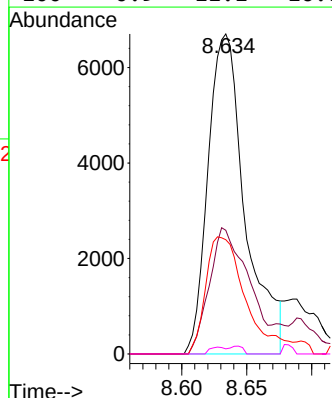
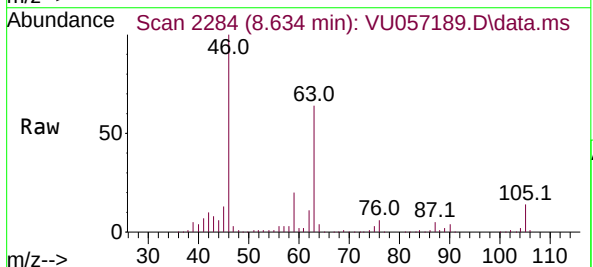
Ion Ratio Lower Upper

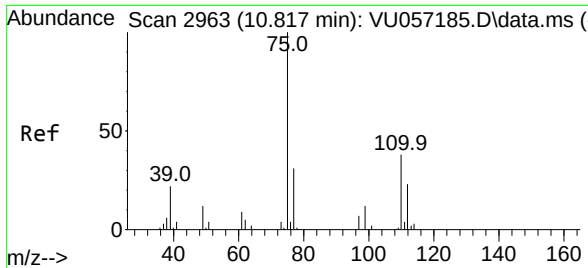
43 100

58 42.1 49.8 74.8#

57 39.5 18.5 27.7#

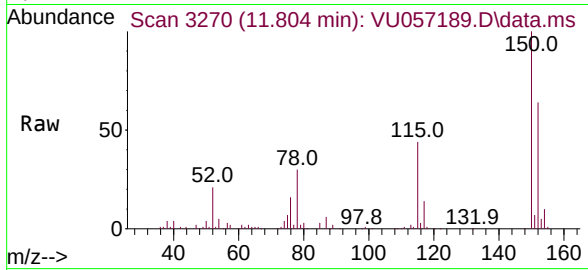
100 0.9 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.204 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057189.D
 Acq: 22 Dec 2023 14:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7850
Ion	Ratio	Lower	Upper
75	100		
110	3.7	31.2	46.8#
77	34.9	25.5	38.3

