

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052612.D
 Acq On : 29 Dec 2022 18:15
 Operator : JC/MD
 Sample : N6216-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Dec 30 01:00:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

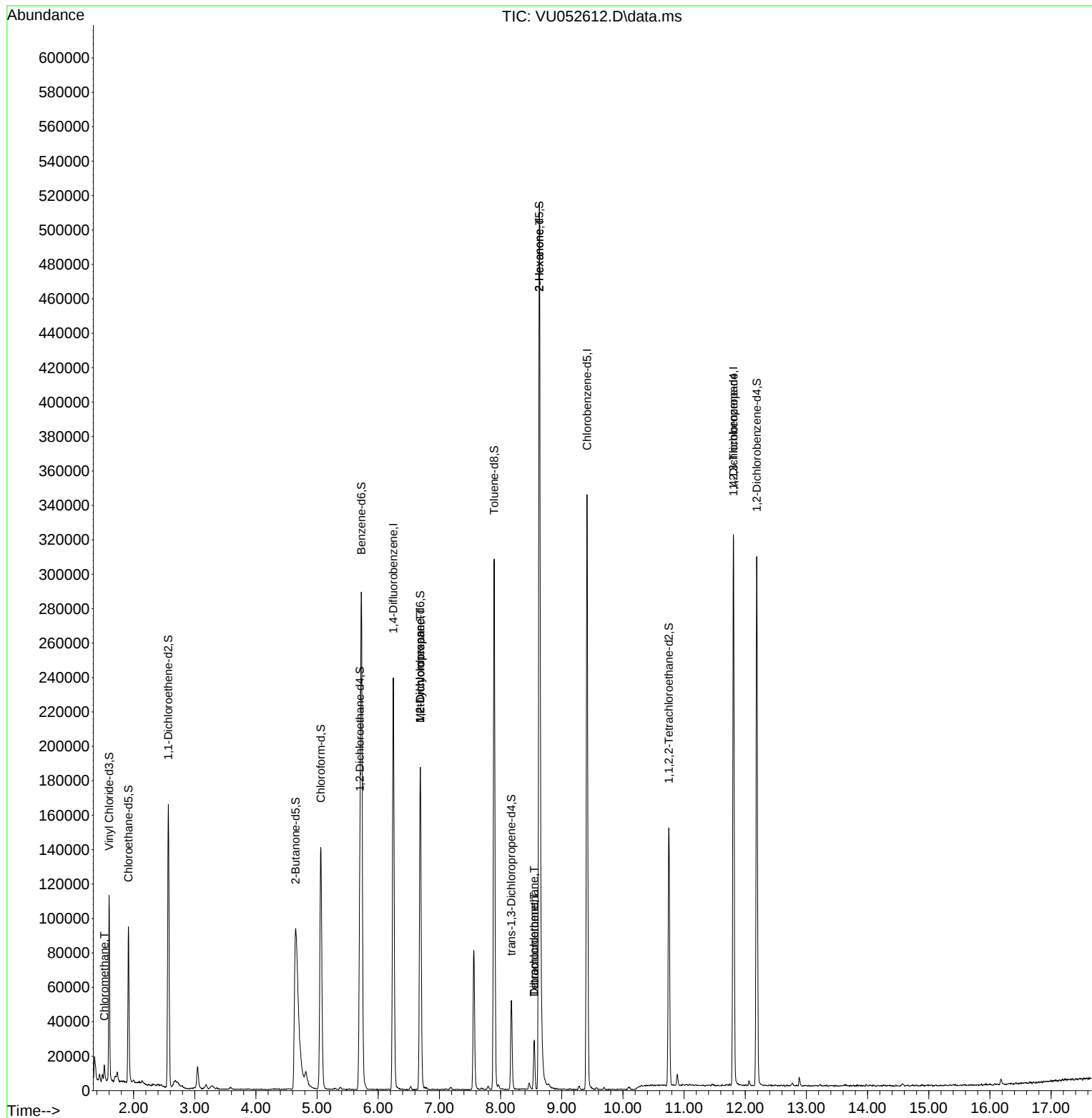
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	181963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	180152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73495	3.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.916	69	67430	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.568	65	32475	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.649	46	269566	47.154	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	5.060	84	129577	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.700	65	77861	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	263063	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.687	67	91952	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	201130	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.176	79	29183	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.632	63	184246	46.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76809	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	74562	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
3) Chloromethane	1.523	50	6499	0.278	ug/L	94
35) Methylcyclohexane	6.687	83	20515	0.897	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	9773	0.540	ug/L #	88
47) Tetrachloroethene	8.549	164	5941	0.561	ug/L	88
48) 2-Hexanone	8.636	43	24126	2.419	ug/L #	85
49) Dibromochloromethane	8.549	129	6053	0.446	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	11359	0.969	ug/L #	70

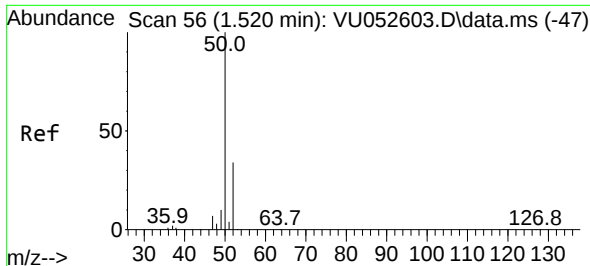
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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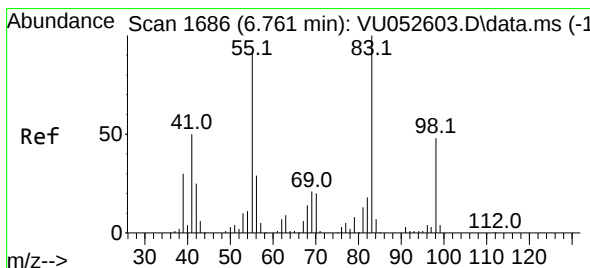
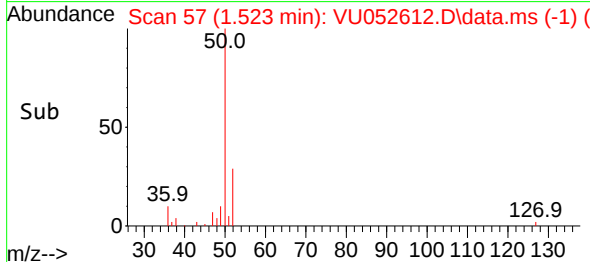
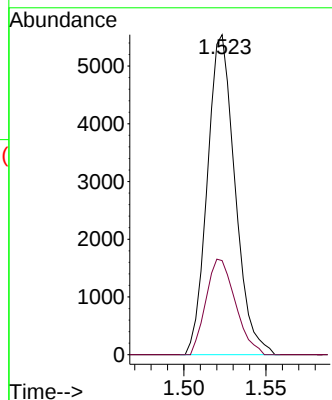
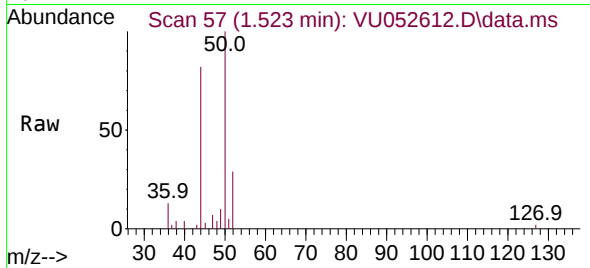




#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052612.D
Acq: 29 Dec 2022 18:15

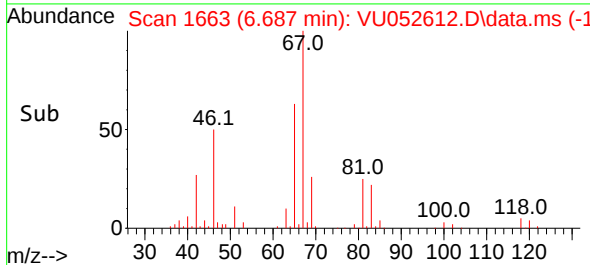
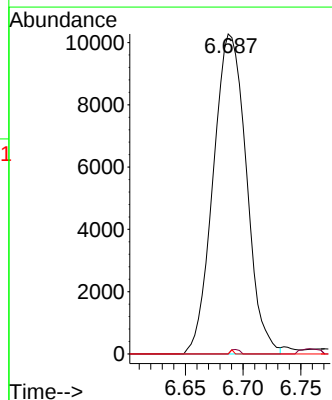
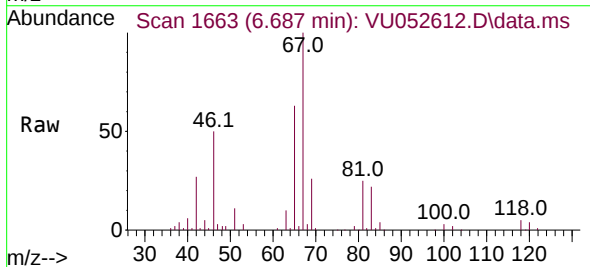
Instrument :
MSVOA_U
ClientSampleId :
H0AB2

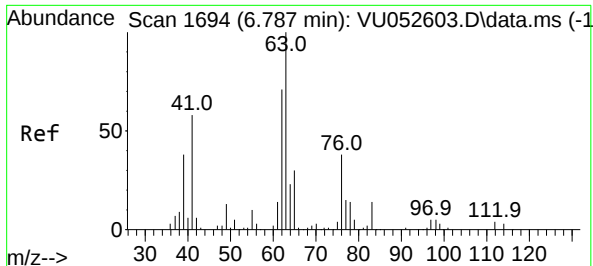
Tgt Ion: 50 Resp: 6499
Ion Ratio Lower Upper
50 100
52 29.4 23.0 42.6



#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052612.D
Acq: 29 Dec 2022 18:15

Tgt Ion: 83 Resp: 20515
Ion Ratio Lower Upper
83 100
55 0.4 71.4 107.0#
98 0.1 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052612.D

Acq: 29 Dec 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

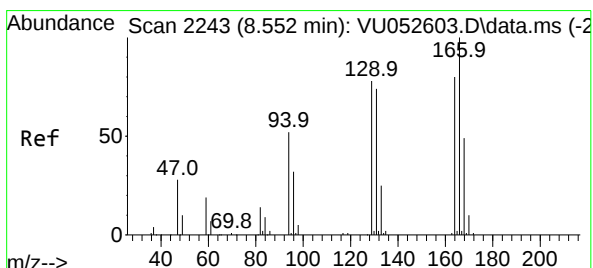
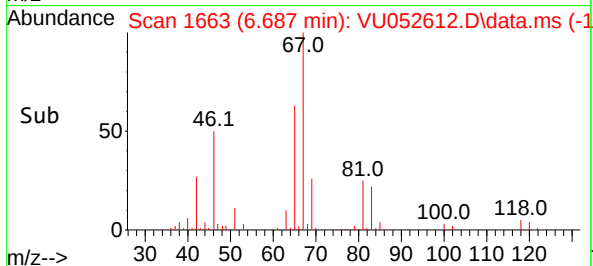
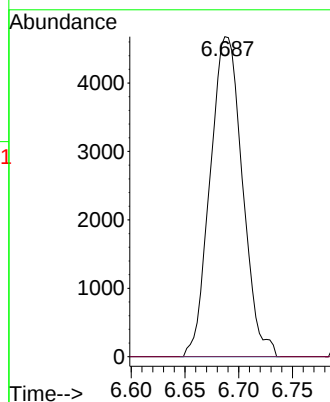
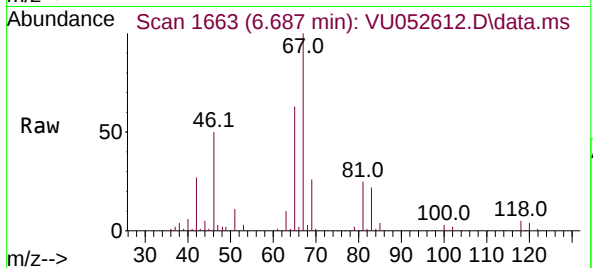
H0AB2

Tgt Ion: 63 Resp: 9773

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.561 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052612.D

Acq: 29 Dec 2022 18:15

Tgt Ion: 164 Resp: 5941

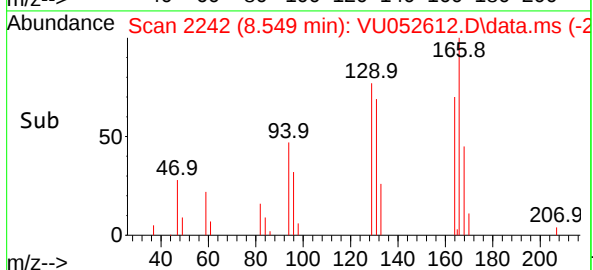
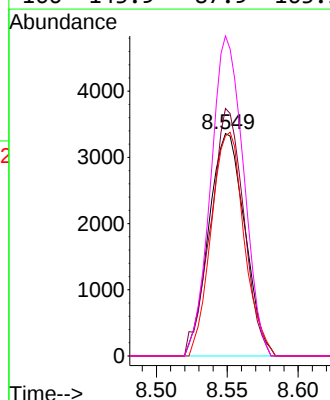
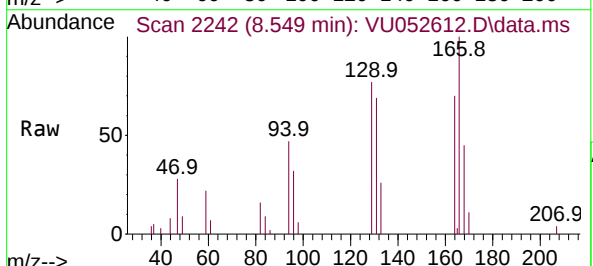
Ion Ratio Lower Upper

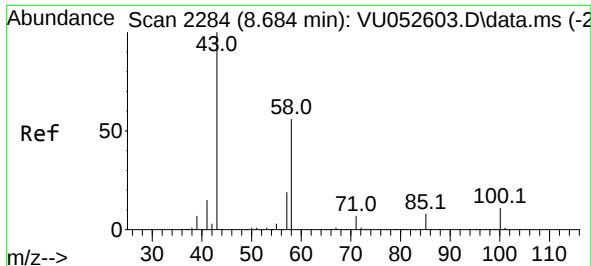
164 100

129 111.3 68.1 126.5

131 99.0 66.5 123.5

166 143.9 87.9 163.3





#48

2-Hexanone

Concen: 2.419 ug/L

RT: 8.636 min Scan# 21

Delta R.T. -0.048 min

Lab File: VU052612.D

Acq: 29 Dec 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

H0AB2

Tgt Ion: 43 Resp: 24126

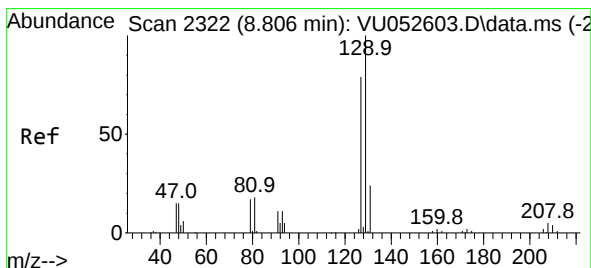
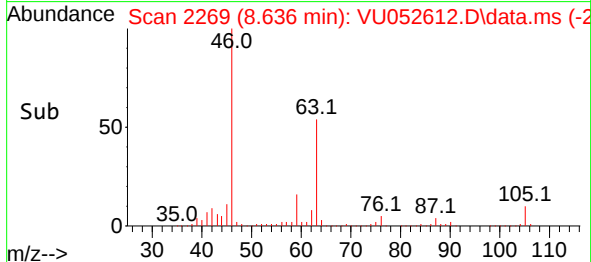
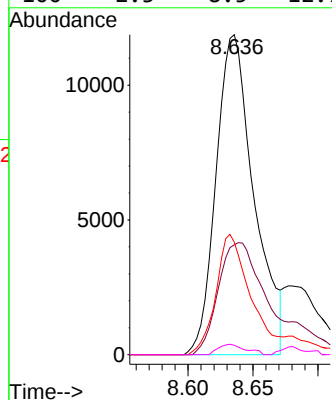
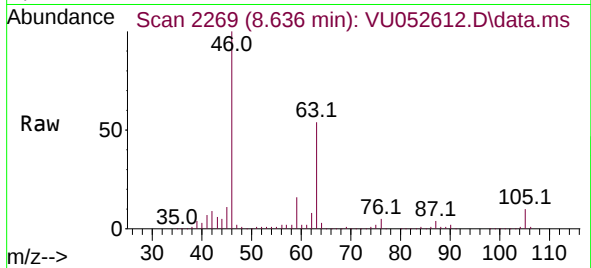
Ion Ratio Lower Upper

43 100

58 50.9 44.1 66.1

57 34.6 14.6 21.8#

100 2.3 8.5 12.7#



#49

Dibromochloromethane

Concen: 0.446 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU052612.D

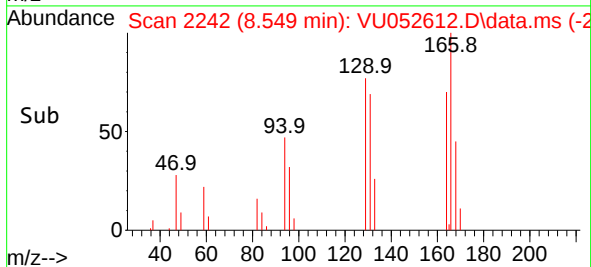
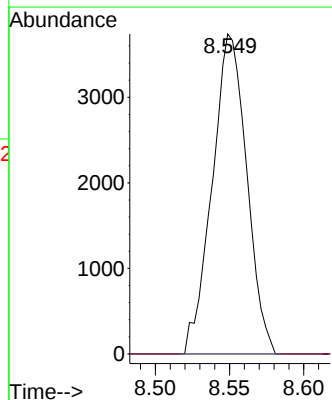
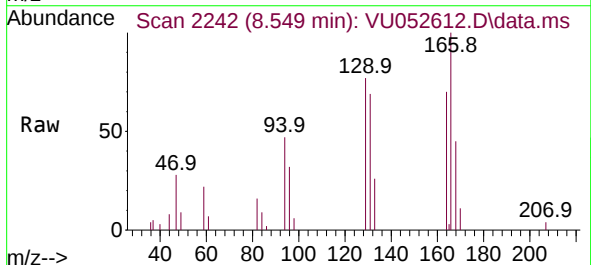
Acq: 29 Dec 2022 18:15

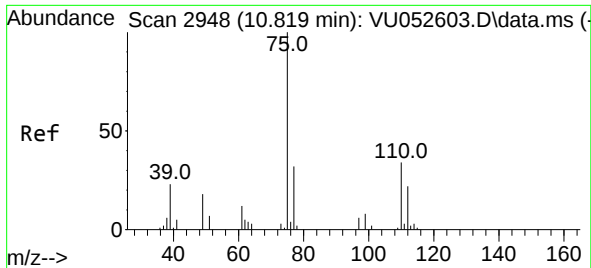
Tgt Ion: 129 Resp: 6053

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#





#61

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052612.D

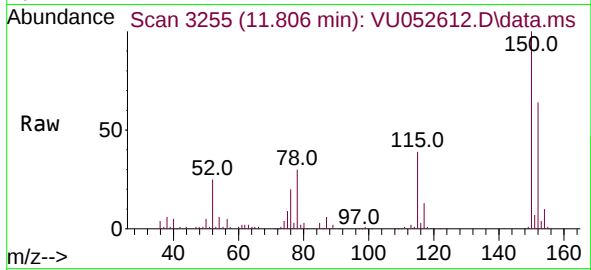
Acq: 29 Dec 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

H0AB2



Tgt Ion: 75 Resp: 11359

Ion Ratio Lower Upper

75 100

110 1.5 27.9 41.9#

77 32.3 25.9 38.9

