

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052567.D
 Acq On : 27 Dec 2022 16:14
 Operator : JC/MD
 Sample : N6170-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0DL

Quant Time: Dec 28 01:22:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

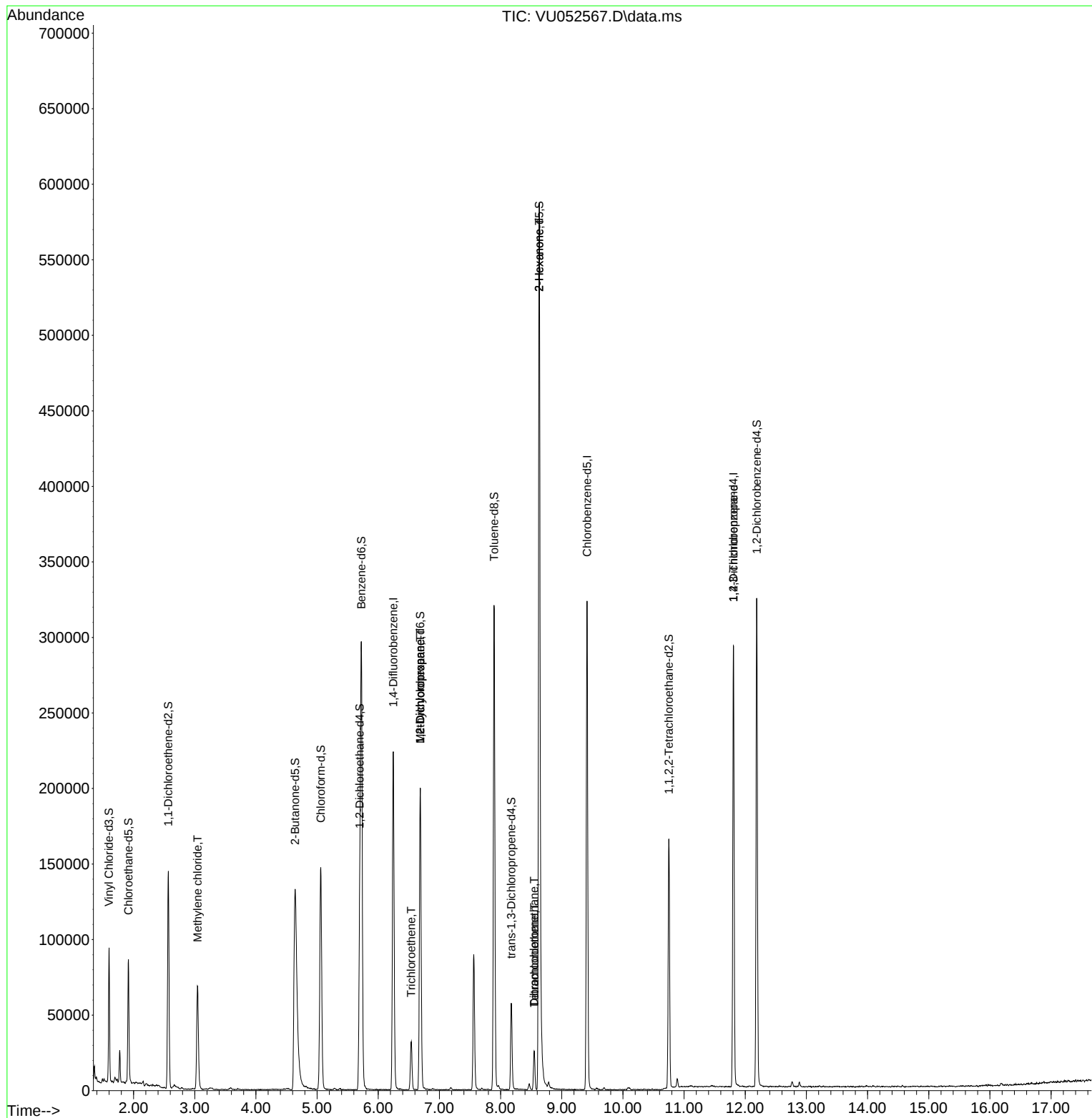
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	171420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60635	3.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.916	69	61697	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	65	29180	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.642	46	292494	54.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	5.060	84	135277	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.697	65	81621	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.726	84	269425	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.687	67	94716	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.893	98	207737	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.176	79	32111	4.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.632	63	199548	53.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83404	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	79252	5.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
16) Methylene chloride	3.047	84	32270	1.779	ug/L	97
34) Trichloroethene	6.539	95	10692	0.755	ug/L	94
35) Methylcyclohexane	6.687	83	21392	1.001	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10247	0.606	ug/L #	88
47) Tetrachloroethene	8.552	164	5365	0.542	ug/L	98
48) 2-Hexanone	8.632	43	25731	2.762	ug/L #	83
49) Dibromochloromethane	8.549	129	5782	0.456	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	10371	0.978	ug/L #	69

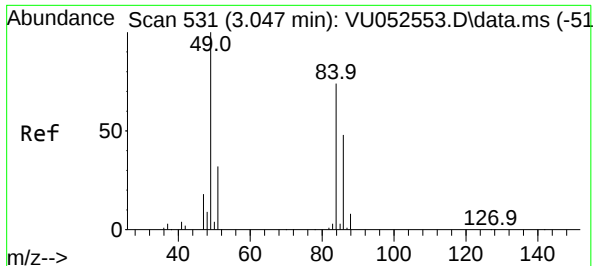
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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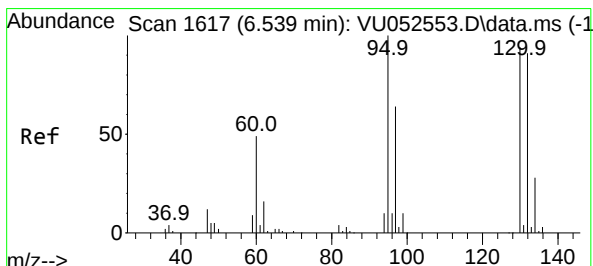
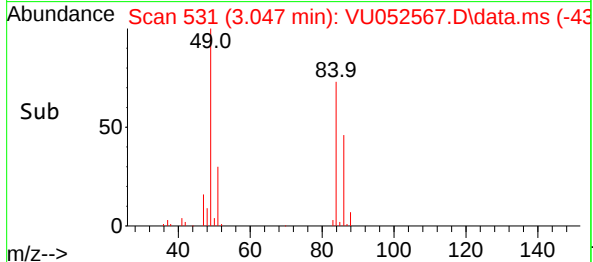
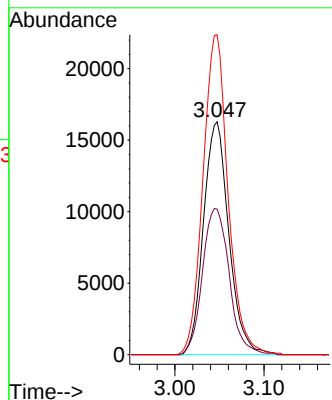
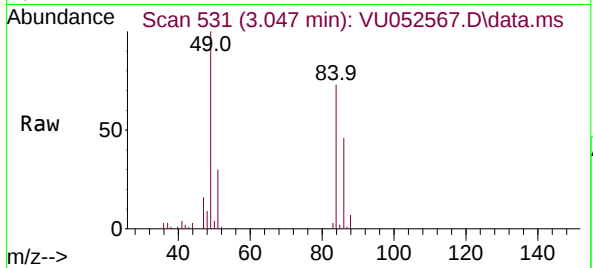




#16
Methylene chloride
Concen: 1.779 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052567.D
Acq: 27 Dec 2022 16:14

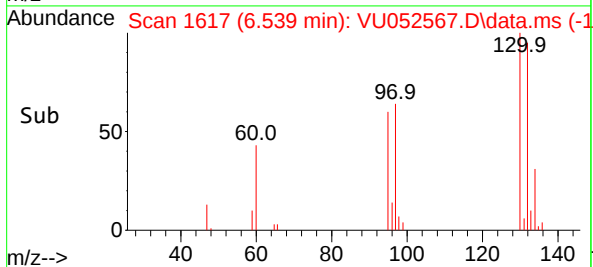
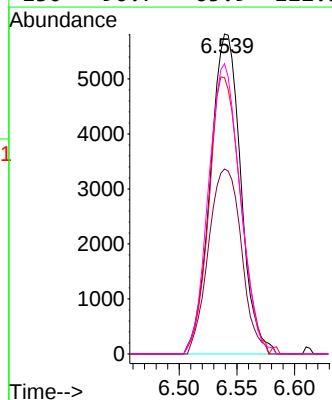
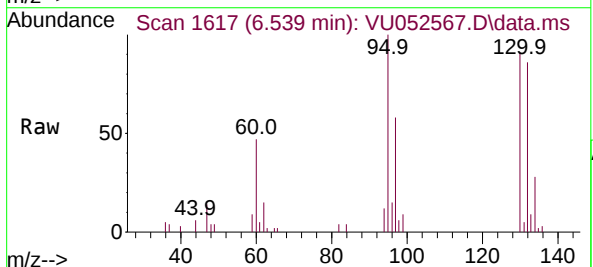
Instrument :
MSVOA_U
ClientSampleId :
GBQB0DL

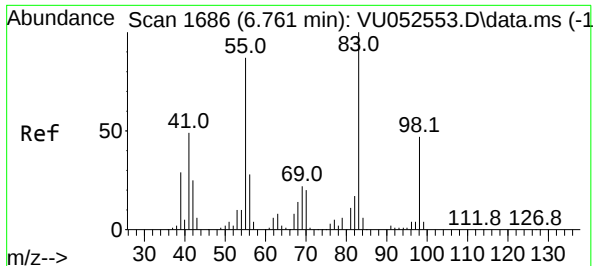
Tgt Ion: 84 Resp: 32270
Ion Ratio Lower Upper
84 100
86 62.5 44.7 83.1
49 137.4 93.3 173.3



#34
Trichloroethene
Concen: 0.755 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052567.D
Acq: 27 Dec 2022 16:14

Tgt Ion: 95 Resp: 10692
Ion Ratio Lower Upper
95 100
97 57.8 46.3 86.1
132 86.4 63.9 118.7
130 90.7 65.9 122.5

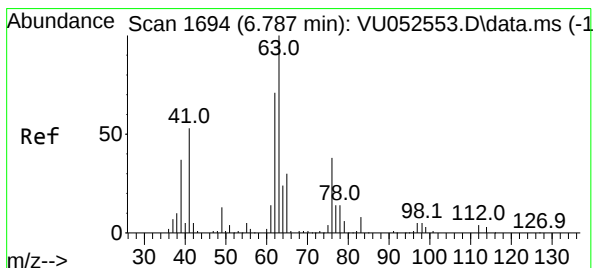
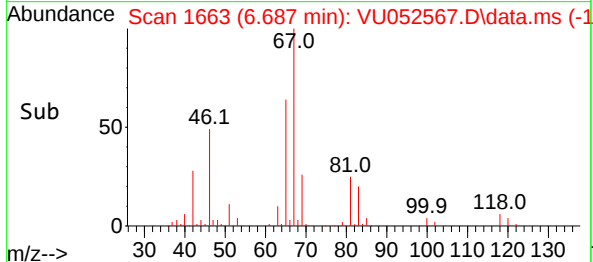
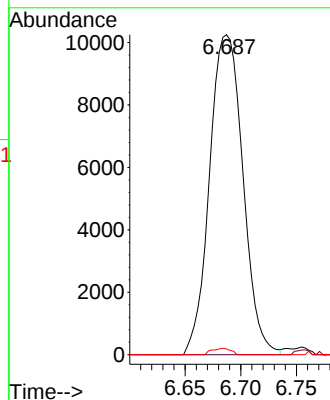
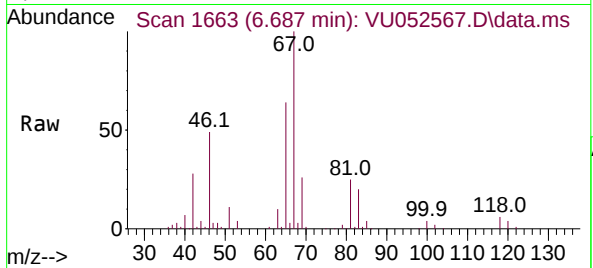




#35
Methylcyclohexane
Concen: 1.001 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052567.D
Acq: 27 Dec 2022 16:14

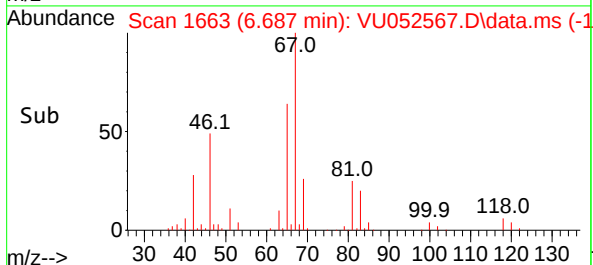
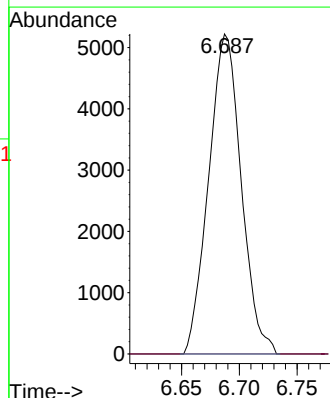
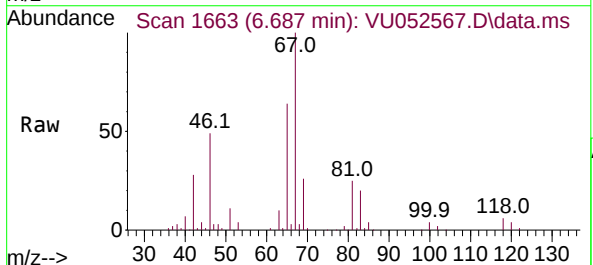
Instrument :
MSVOA_U
ClientSampleId :
GBQB0DL

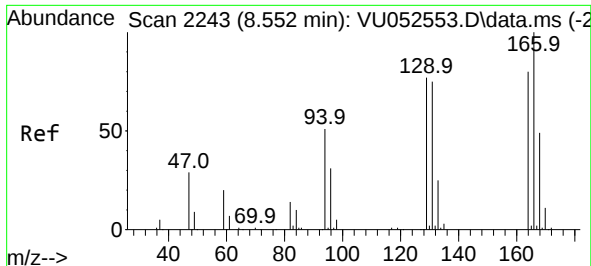
Tgt Ion: 83 Resp: 21392
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.0#
98 1.1 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052567.D
Acq: 27 Dec 2022 16:14

Tgt Ion: 63 Resp: 10247
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.542 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052567.D

Acq: 27 Dec 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

GBQB0DL

Tgt Ion:164 Resp: 5365

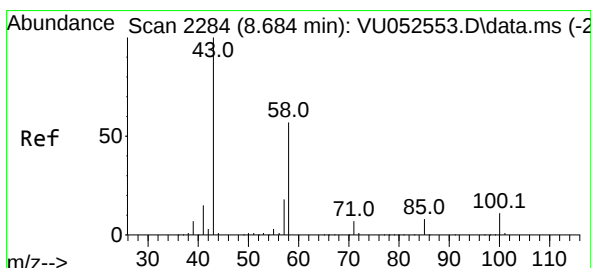
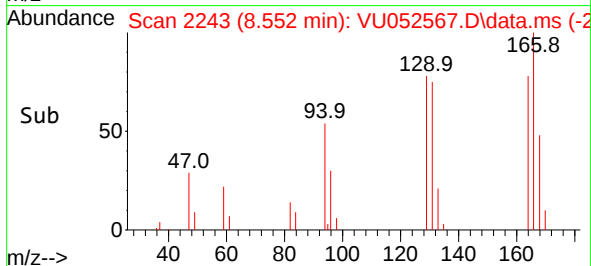
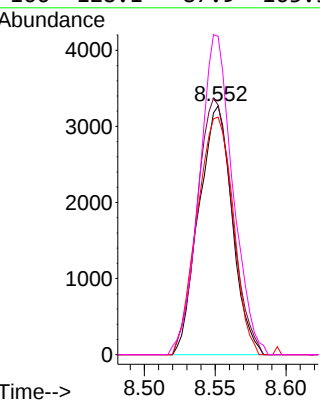
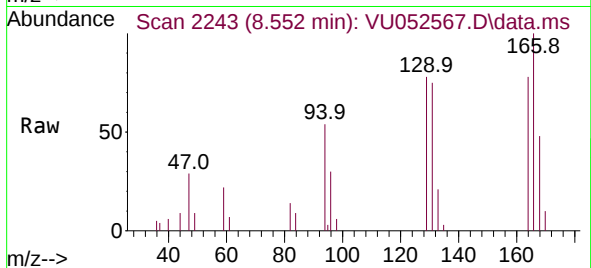
Ion Ratio Lower Upper

164 100

129 100.4 68.1 126.5

131 95.5 66.5 123.5

166 128.1 87.9 163.3



#48

2-Hexanone

Concen: 2.762 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052567.D

Acq: 27 Dec 2022 16:14

Tgt Ion: 43 Resp: 25731

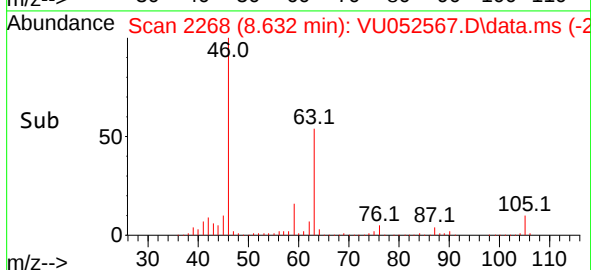
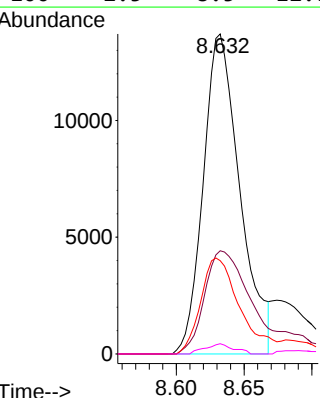
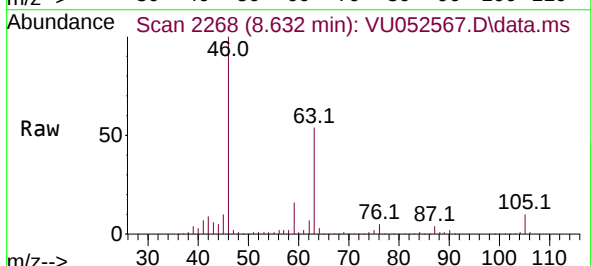
Ion Ratio Lower Upper

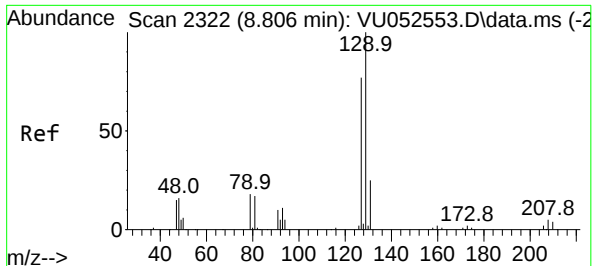
43 100

58 46.8 44.1 66.1

57 32.2 14.6 21.8#

100 2.5 8.5 12.7#





#49

Dibromochloromethane

Concen: 0.456 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052567.D

Acq: 27 Dec 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

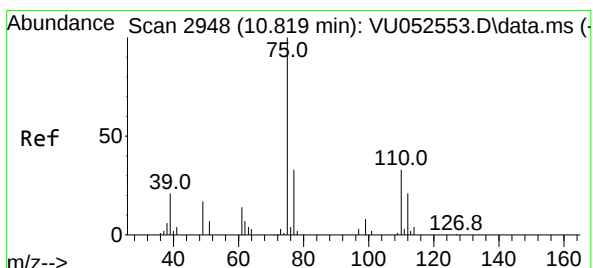
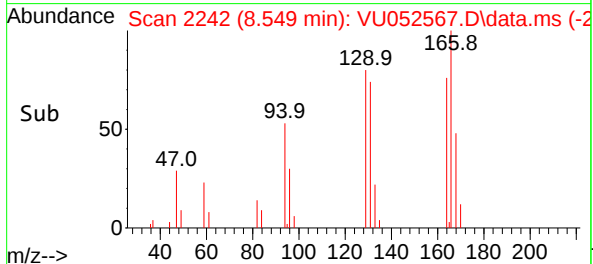
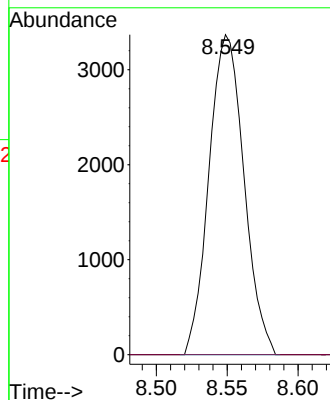
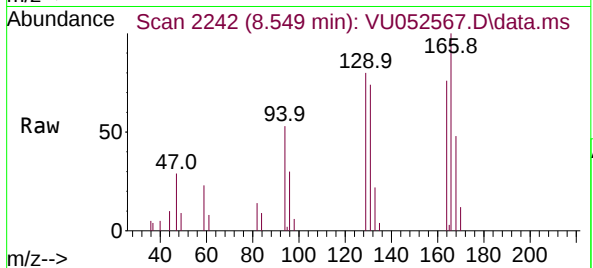
GBQB0DL

Tgt Ion:129 Resp: 5782

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052567.D

Acq: 27 Dec 2022 16:14

Tgt Ion: 75 Resp: 10371

Ion Ratio Lower Upper

75 100

110 1.4 27.9 41.9#

77 30.9 25.9 38.9

