

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053924.D
 Acq On : 26 Apr 2023 19:20
 Operator : JC/MD
 Sample : 02488-14 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE69

Quant Time: Apr 27 05:58:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

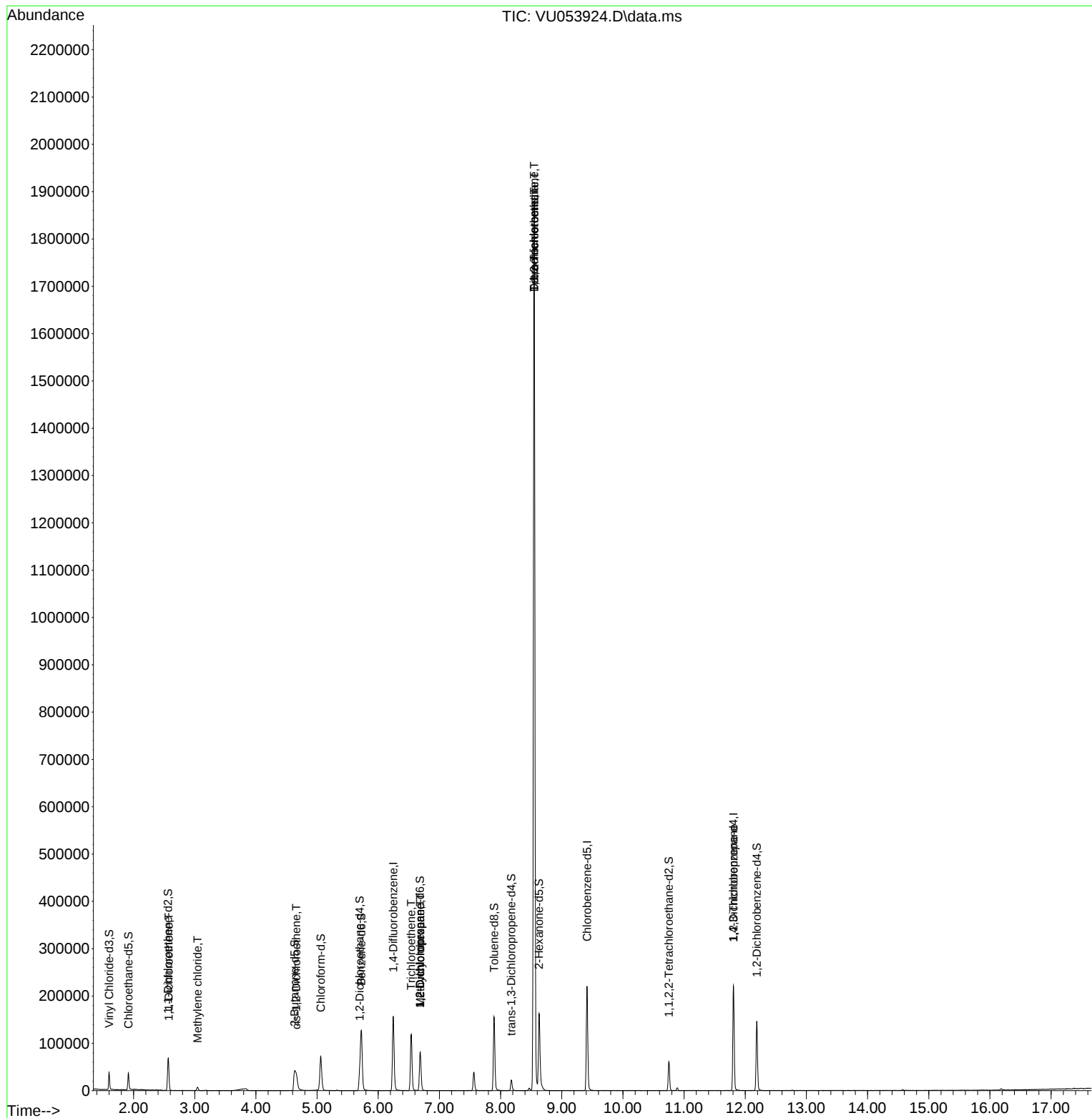
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28271	3.360	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.916	69	26181	3.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.565	65	12253	3.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.633	46	70236	45.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	5.060	84	64988	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.697	65	29501	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.723	84	127138	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.684	67	41682	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.893	98	109762	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.176	79	13817	3.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.629	63	59370	45.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31145	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	41268	4.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	1410	0.162	ug/L #	1
16) Methylene chloride	3.044	84	4141	0.349	ug/L	87
22) cis-1,2-Dichloroethene	4.662	96	11290	1.140	ug/L	92
34) Trichloroethene	6.539	95	41337	4.062	ug/L	98
35) Methylcyclohexane	6.687	83	9392	0.597	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4189	0.452	ug/L #	87
45) 1,1,2-Trichloroethane	8.549	97	3547	0.511	ug/L #	6
47) Tetrachloroethene	8.549	164	420884	52.177	ug/L	99
49) Dibromochloromethane	8.549	129	408580	55.561	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6859	1.422	ug/L #	66

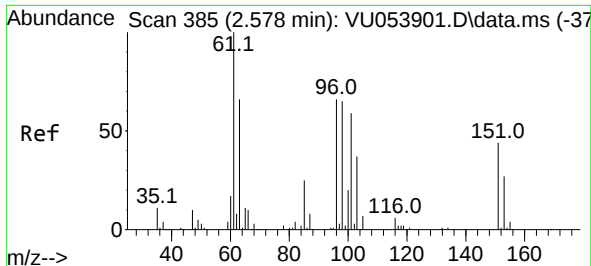
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Instrument :

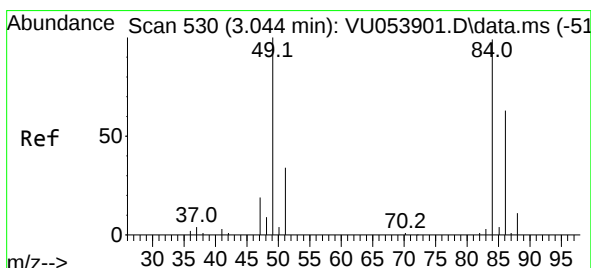
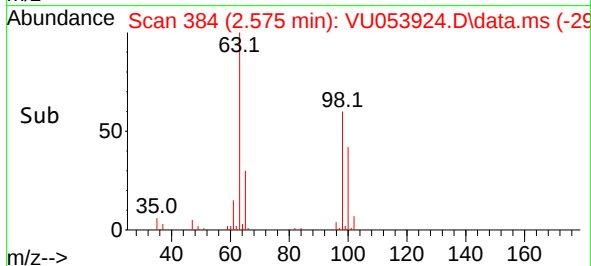
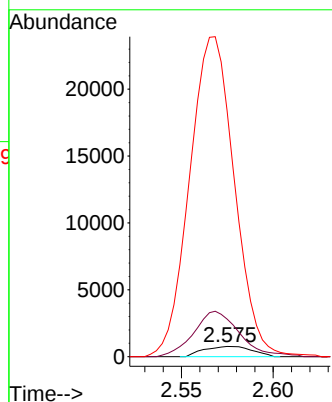
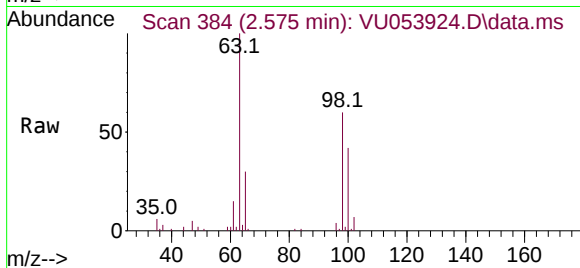
MSVOA_U

ClientSampleId :

BHE69

Tgt Ion: 96 Resp: 1410

Ion	Ratio	Lower	Upper
96	100		
61	368.9	111.5	207.1#
63	2417.9	68.7	127.7#



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 3.044 min Scan# 530

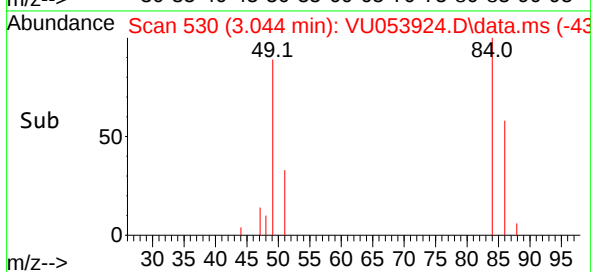
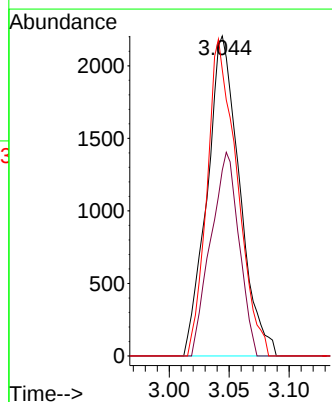
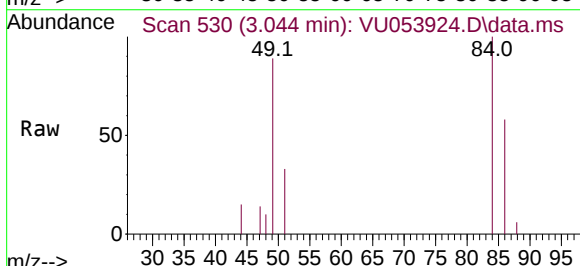
Delta R.T. 0.000 min

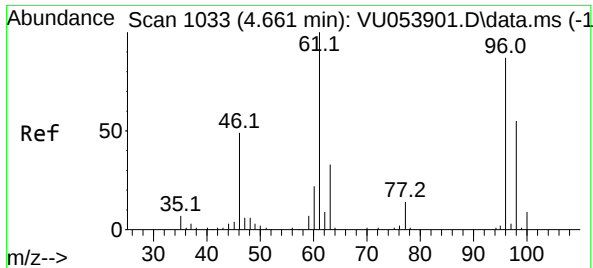
Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Tgt Ion: 84 Resp: 4141

Ion	Ratio	Lower	Upper
84	100		
86	58.1	45.0	83.6
49	89.4	74.8	138.8





#22

cis-1,2-Dichloroethene

Concen: 1.140 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

BHE69

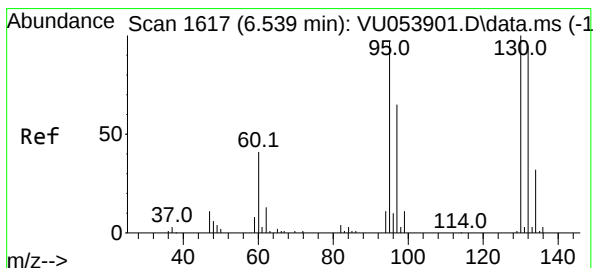
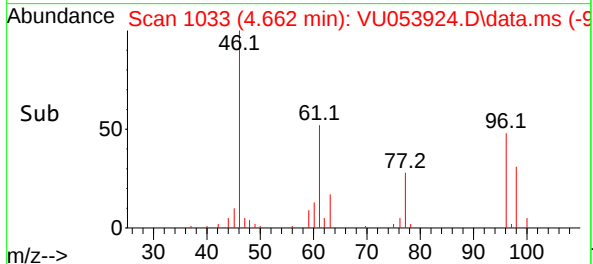
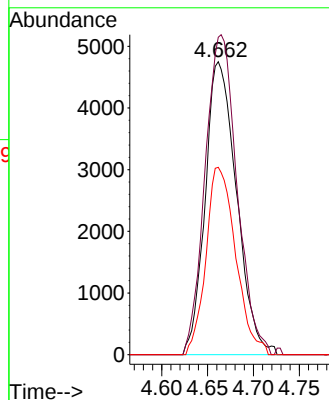
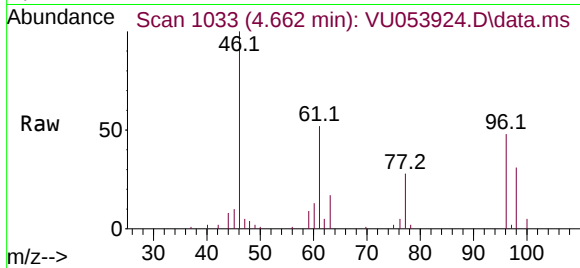
Tgt Ion: 96 Resp: 11290

Ion Ratio Lower Upper

96 100

61 108.4 84.3 156.5

98 64.0 46.4 86.2



#34

Trichloroethene

Concen: 4.062 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Tgt Ion: 95 Resp: 41337

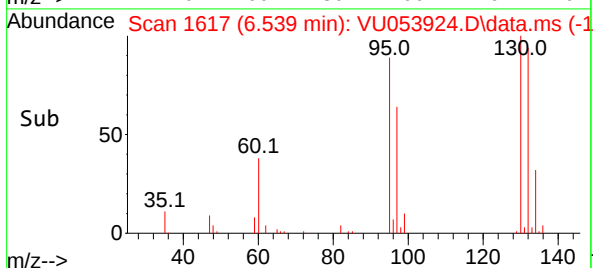
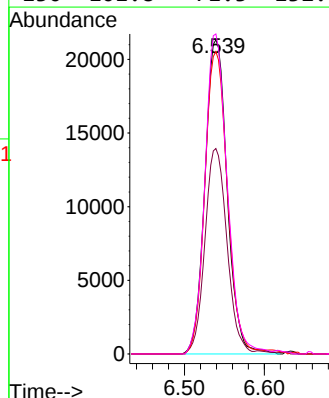
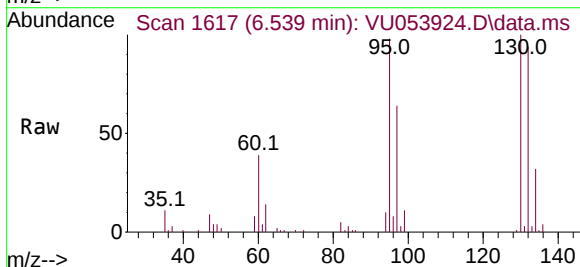
Ion Ratio Lower Upper

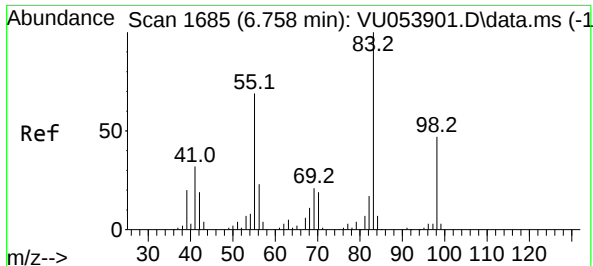
95 100

97 65.4 45.1 83.9

132 96.2 69.9 129.9

130 101.8 71.3 132.3





#35

Methylcyclohexane

Concen: 0.597 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

BHE69

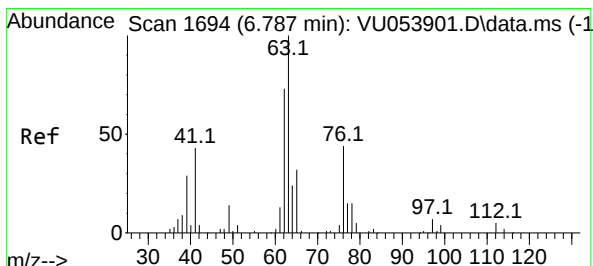
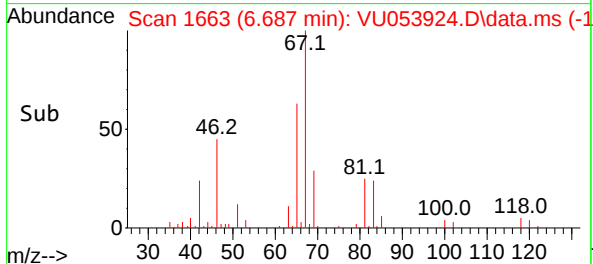
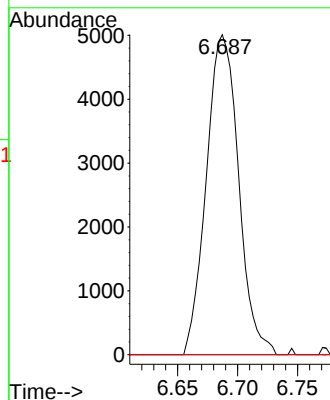
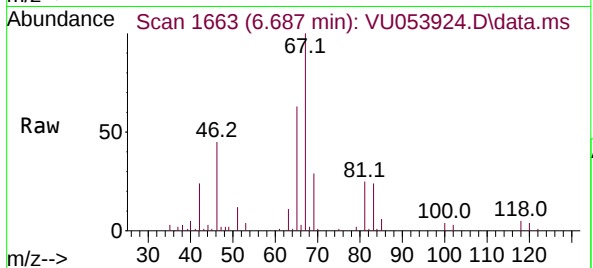
Tgt Ion: 83 Resp: 9392

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.452 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053924.D

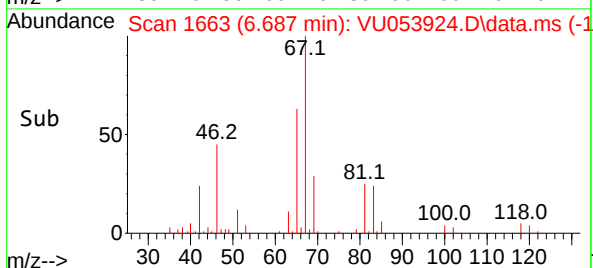
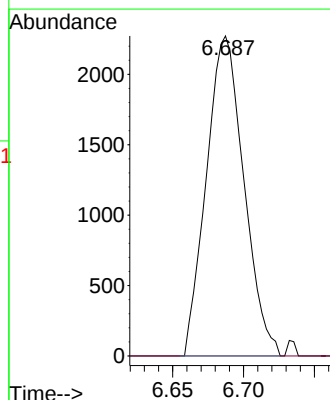
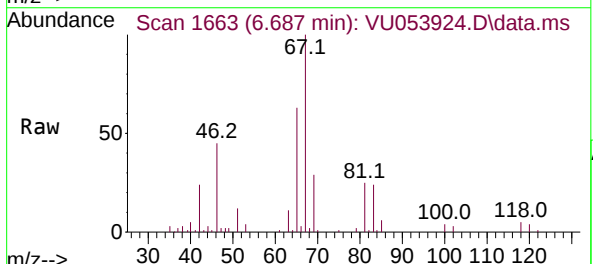
Acq: 26 Apr 2023 19:20

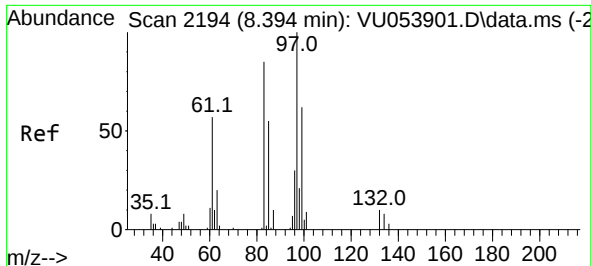
Tgt Ion: 63 Resp: 4189

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#45

1,1,2-Trichloroethane

Concen: 0.511 ug/L

RT: 8.549 min Scan# 2194

Delta R.T. 0.154 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

BHE69

Tgt Ion: 97 Resp: 3547

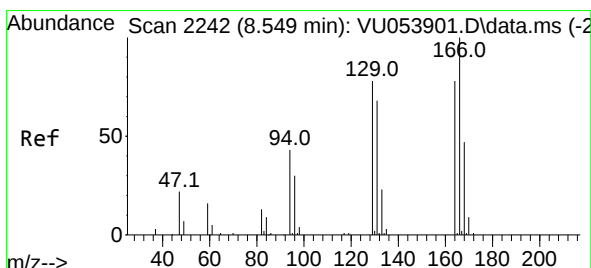
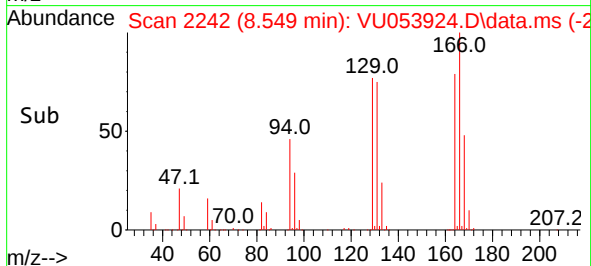
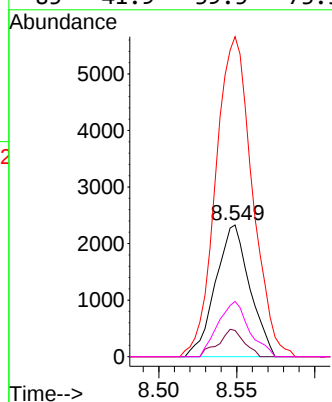
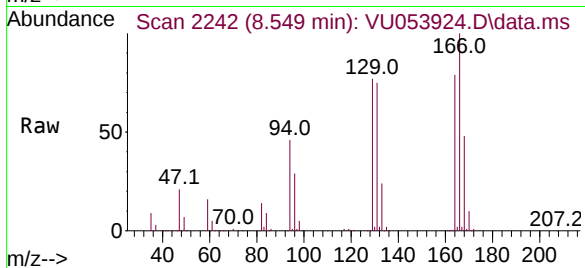
Ion Ratio Lower Upper

97 100

99 19.9 44.7 83.1#

83 243.0 59.8 111.1#

85 41.9 39.5 73.3



#47

Tetrachloroethene

Concen: 52.177 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Tgt Ion:164 Resp: 420884

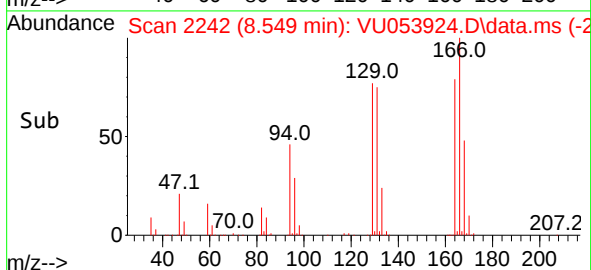
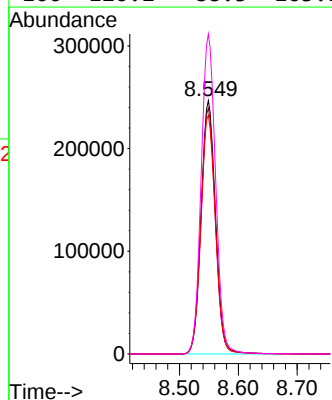
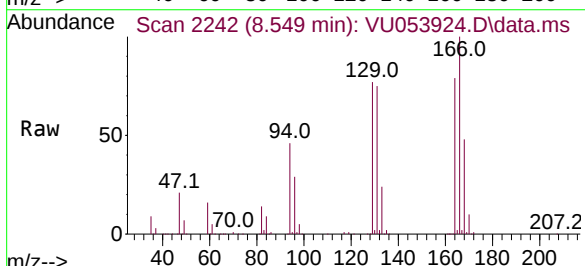
Ion Ratio Lower Upper

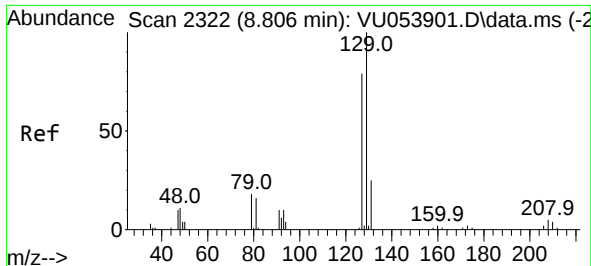
164 100

129 97.0 68.3 126.8

131 94.2 64.4 119.6

166 126.2 88.3 163.9





#49

Dibromochloromethane

Concen: 55.561 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053924.D

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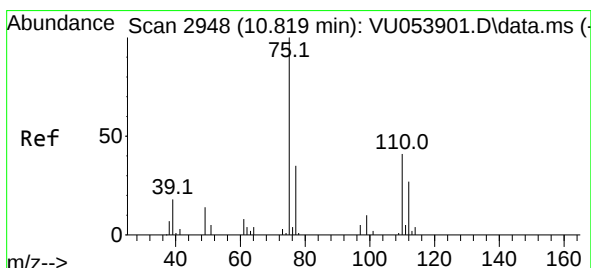
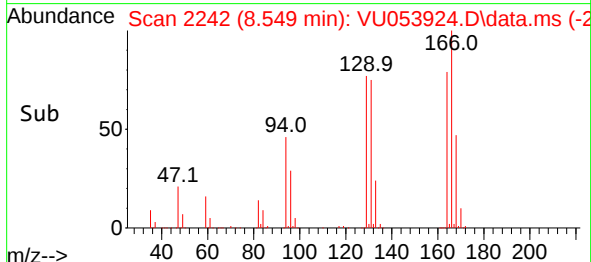
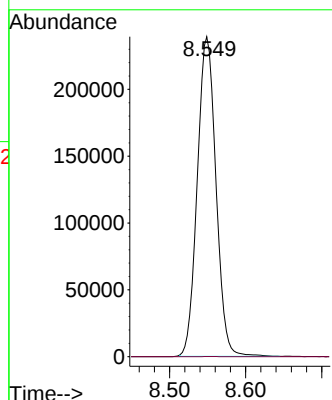
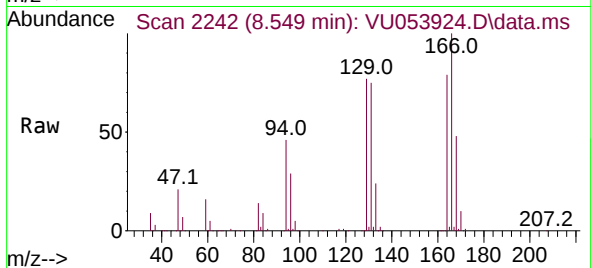
BHE69

Tgt Ion:129 Resp: 408580

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.422 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053924.D

Acq: 26 Apr 2023 19:20

Tgt Ion: 75 Resp: 6859

Ion Ratio Lower Upper

75 100

110 1.3 30.7 46.1#

77 31.6 26.2 39.4

