

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049915.D
 Acq On : 26 Jul 2022 16:21
 Operator : SY/MD
 Sample : N3870-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13DL

Quant Time: Jul 27 03:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

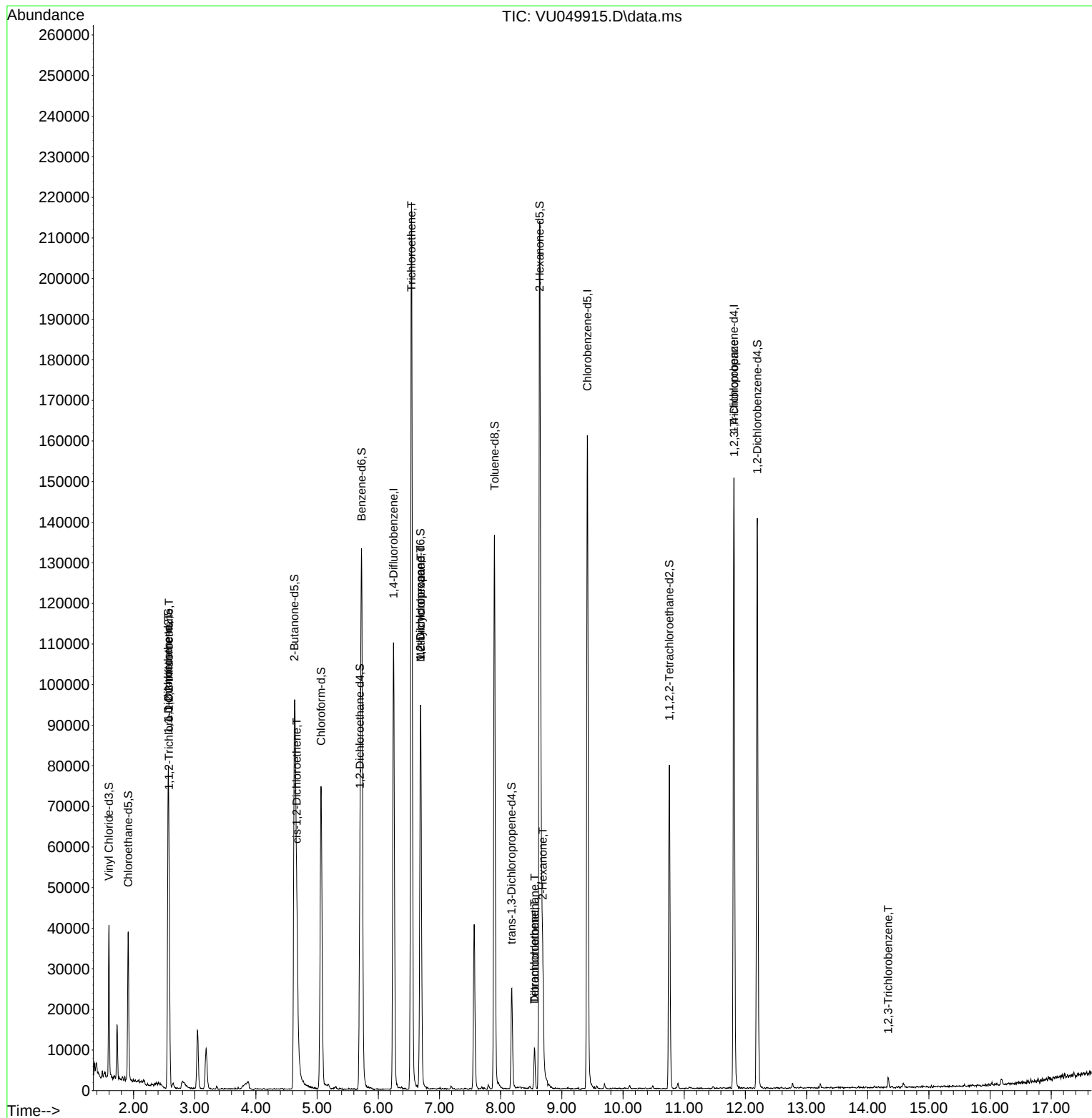
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25846	3.697	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.912	69	25282	4.321	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11753	3.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.629	46	131306	52.195	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.380%	
24) Chloroform-d	5.066	84	68617	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.700	65	40375	4.422	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
32) Benzene-d6	5.729	84	116710	3.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.690	67	44797	4.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.899	98	91198	3.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.179	79	15075	4.084	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.635	63	64722	44.252	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41710	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36173	4.500	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	12924	2.292	ug/L	97
12) 1,1-Dichloroethene	2.568	96	773	0.135	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	11130	1.457	ug/L	99
34) Trichloroethene	6.542	95	75182	9.895	ug/L	97
35) Methylcyclohexane	6.693	83	10567	1.128	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	4898	0.548	ug/L #	89
47) Tetrachloroethene	8.552	164	2107	0.403	ug/L	80
48) 2-Hexanone	8.687	43	19143	4.117	ug/L #	93
49) Dibromochloromethane	8.555	129	2458	0.345	ug/L #	14
61) 1,2,3-Trichloropropane	11.815	75	5476	1.055	ug/L #	69
72) 1,2,3-Trichlorobenzene	14.336	180	935	0.123	ug/L #	79

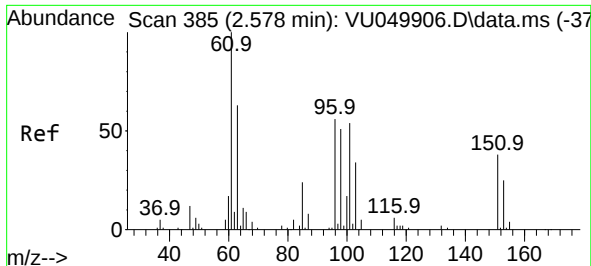
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.292 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

GBJ13DL

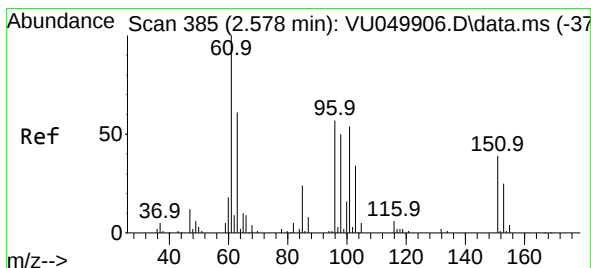
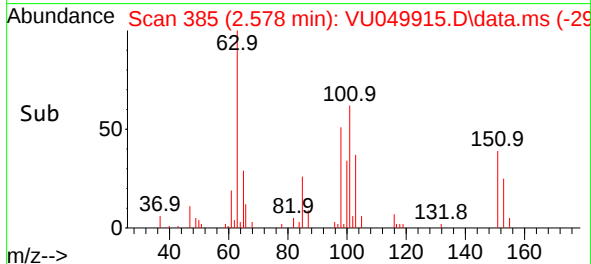
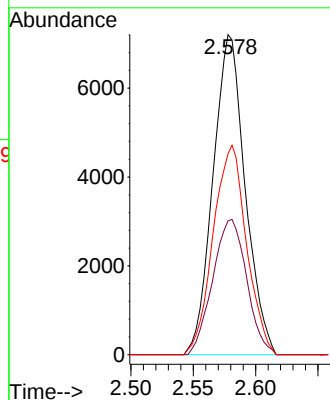
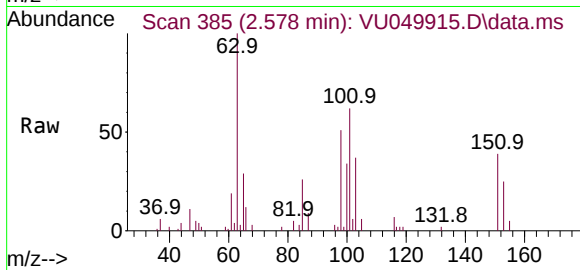
Tgt Ion:101 Resp: 12924

Ion Ratio Lower Upper

101 100

85 44.6 37.2 55.8

151 67.9 56.0 84.0



#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

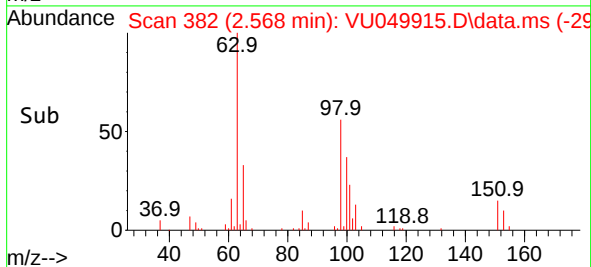
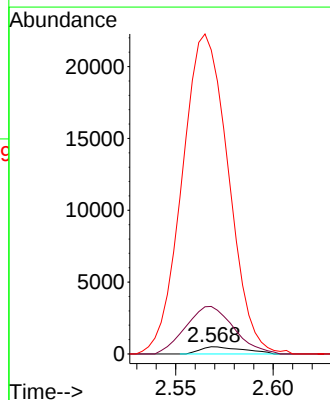
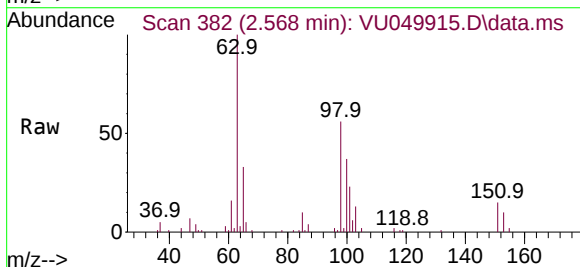
Tgt Ion: 96 Resp: 773

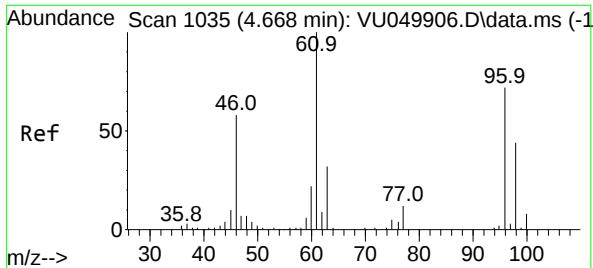
Ion Ratio Lower Upper

96 100

61 652.8 131.6 244.4#

63 4181.8 100.0 185.6#





#22

cis-1,2-Dichloroethene

Concen: 1.457 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

GBJ13DL

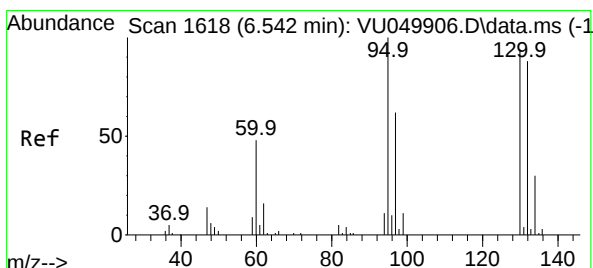
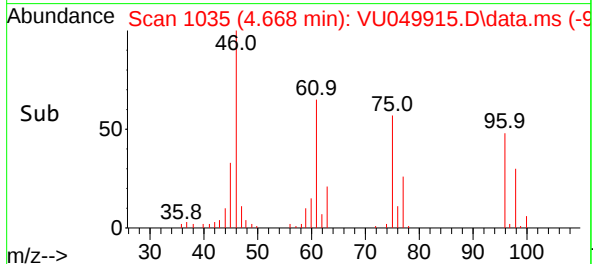
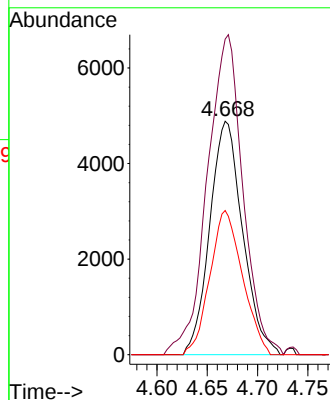
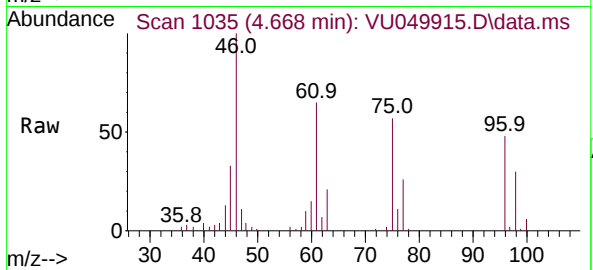
Tgt Ion: 96 Resp: 11130

Ion Ratio Lower Upper

96 100

61 135.2 93.9 174.3

98 61.7 43.9 81.5



#34

Trichloroethene

Concen: 9.895 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Tgt Ion: 95 Resp: 75182

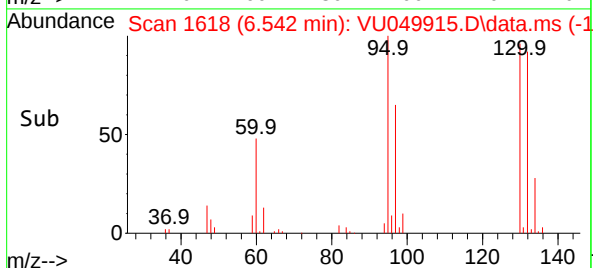
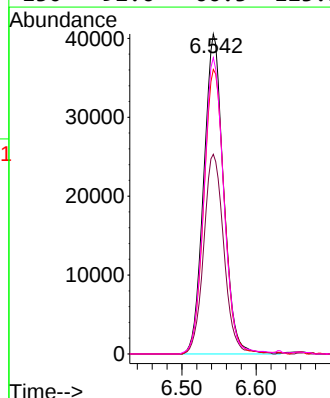
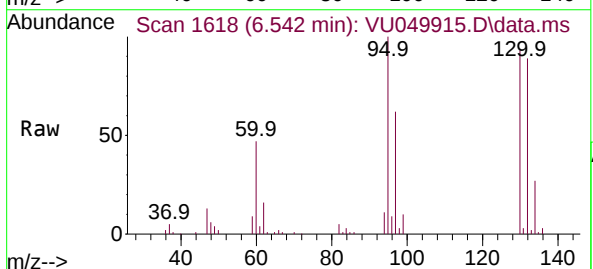
Ion Ratio Lower Upper

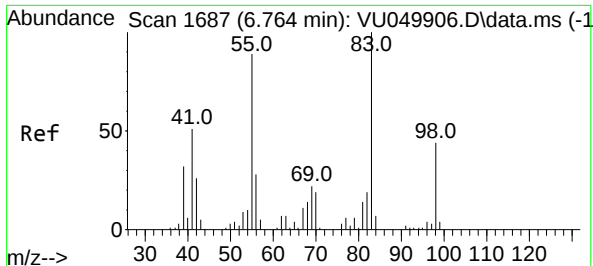
95 100

97 62.4 46.8 86.8

132 88.9 61.8 114.8

130 92.6 66.3 123.1





#35

Methylcyclohexane

Concen: 1.128 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

GBJ13DL

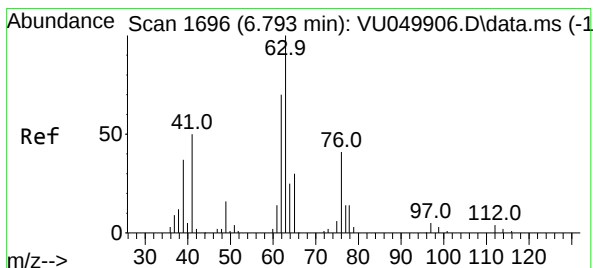
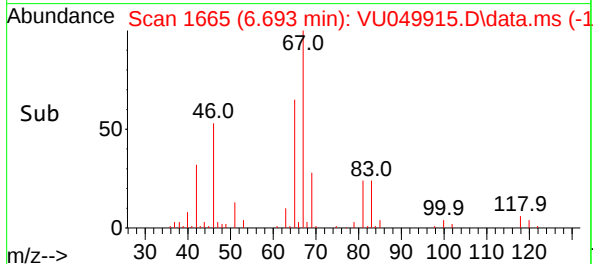
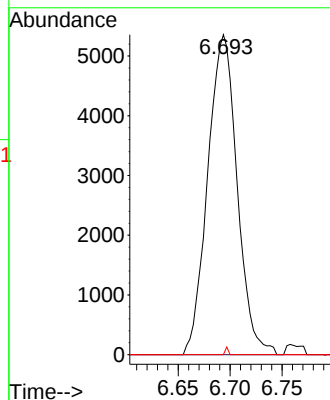
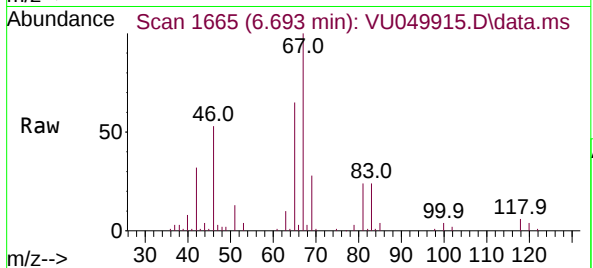
Tgt Ion: 83 Resp: 10567

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU049915.D

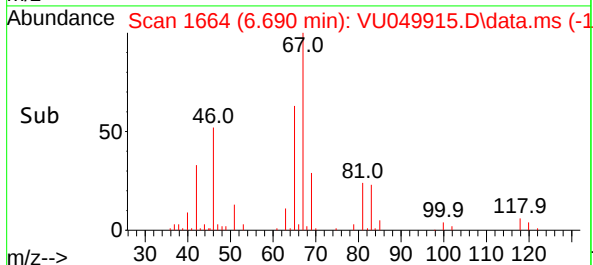
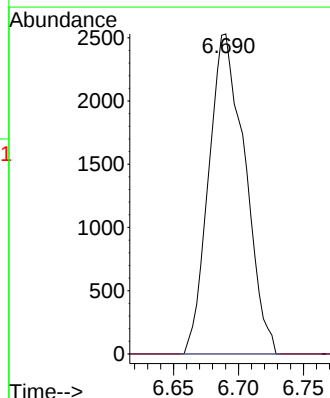
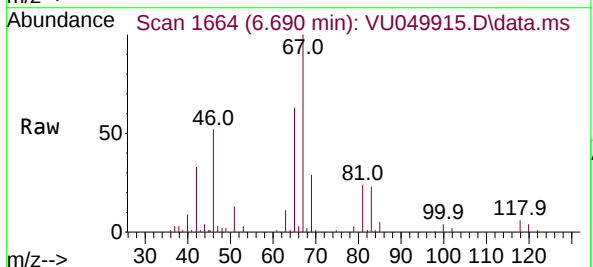
Acq: 26 Jul 2022 16:21

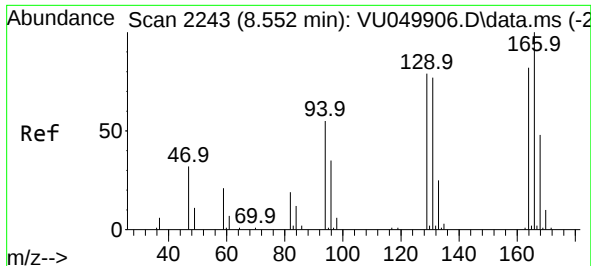
Tgt Ion: 63 Resp: 4898

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 0.403 ug/L

RT: 8.552 min Scan# 2107

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

GBJ13DL

Tgt Ion:164 Resp: 2107

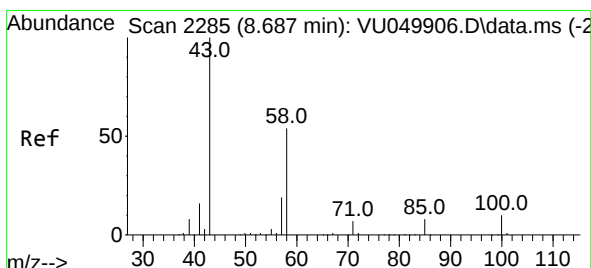
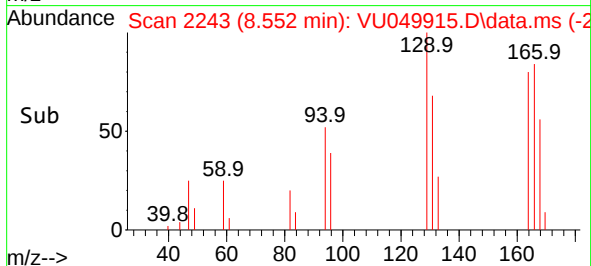
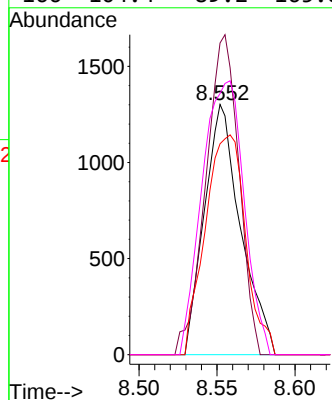
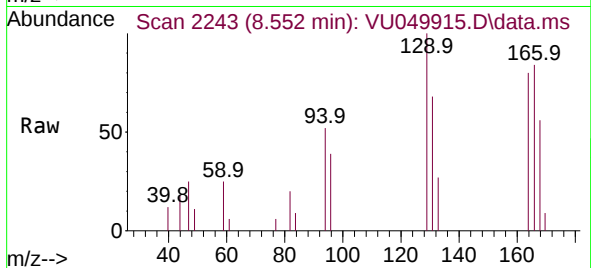
Ion Ratio Lower Upper

164 100

129 124.6 68.9 127.9

131 84.3 67.5 125.4

166 104.4 89.2 165.8



#48

2-Hexanone

Concen: 4.117 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Tgt Ion: 43 Resp: 19143

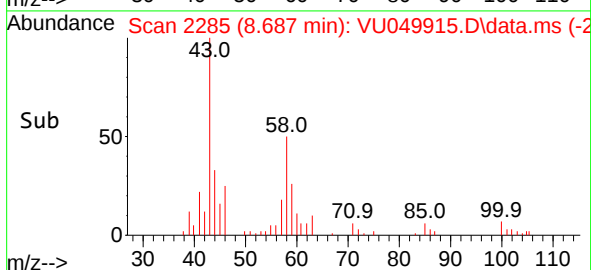
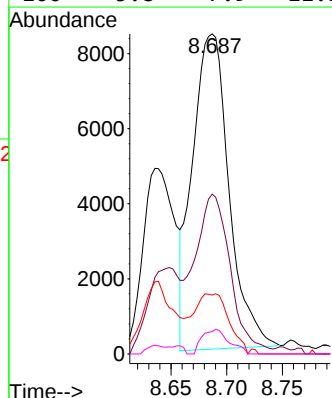
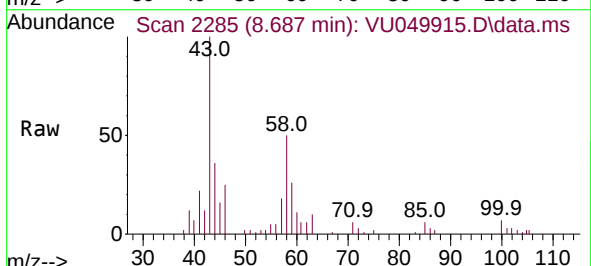
Ion Ratio Lower Upper

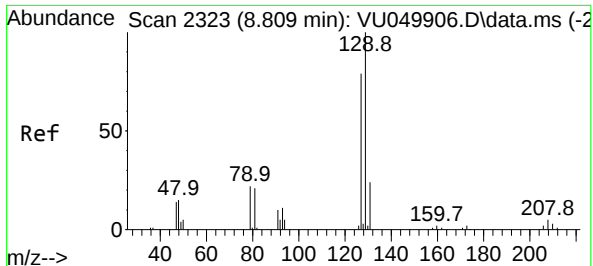
43 100

58 46.4 42.1 63.1

57 18.1 14.3 21.5

100 5.8 7.9 11.9#





#49

Dibromochloromethane

Concen: 0.345 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

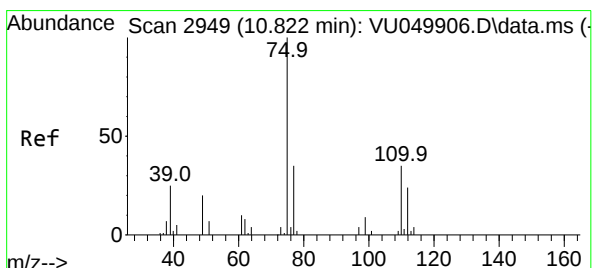
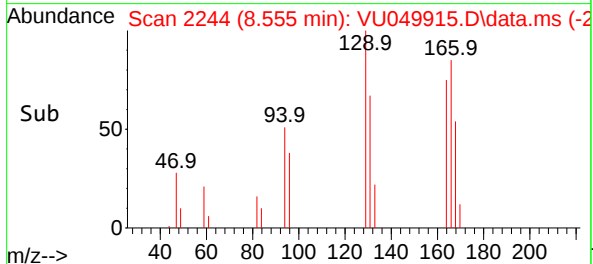
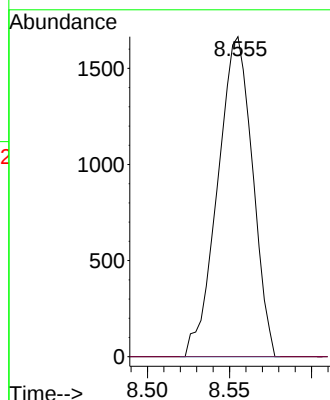
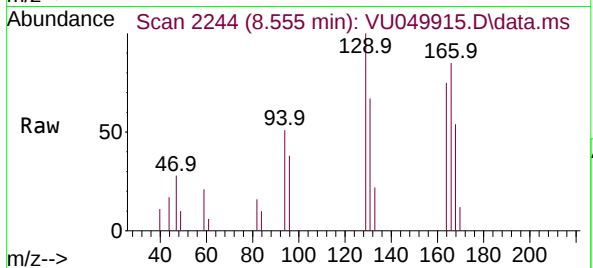
GBJ13DL

Tgt Ion:129 Resp: 2458

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 1.055 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU049915.D

Acq: 26 Jul 2022 16:21

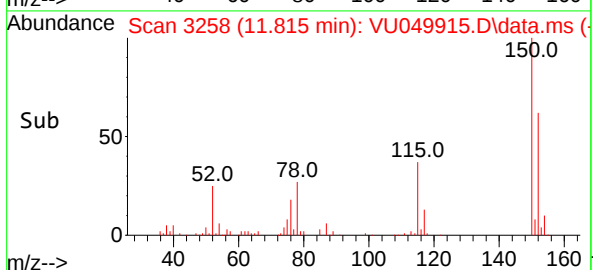
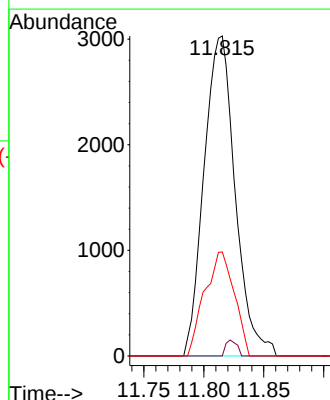
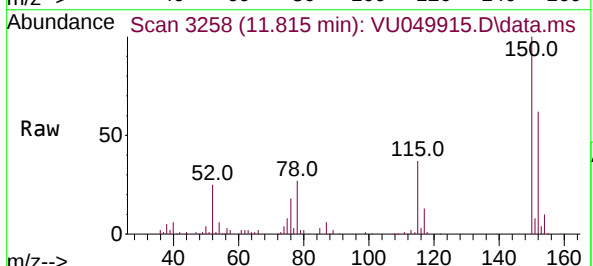
Tgt Ion: 75 Resp: 5476

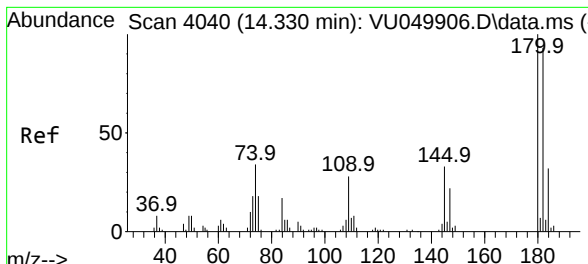
Ion Ratio Lower Upper

75 100

110 1.8 28.0 42.0#

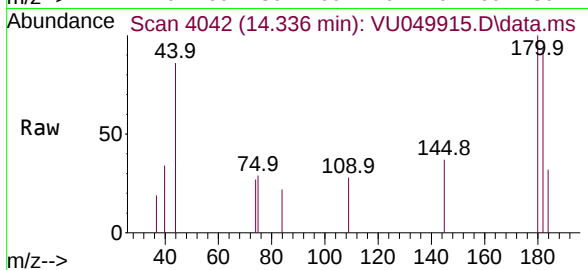
77 30.8 25.4 38.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.123 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.006 min
 Lab File: VU049915.D
 Acq: 26 Jul 2022 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:180 Resp: 935
 Ion Ratio Lower Upper
 180 100
 182 115.8 73.9 110.9#
 145 27.4 27.8 41.6#

