

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034174.D
 Acq On : 14 Feb 2024 12:10
 Operator : SY/MD
 Sample : P1455-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:29:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

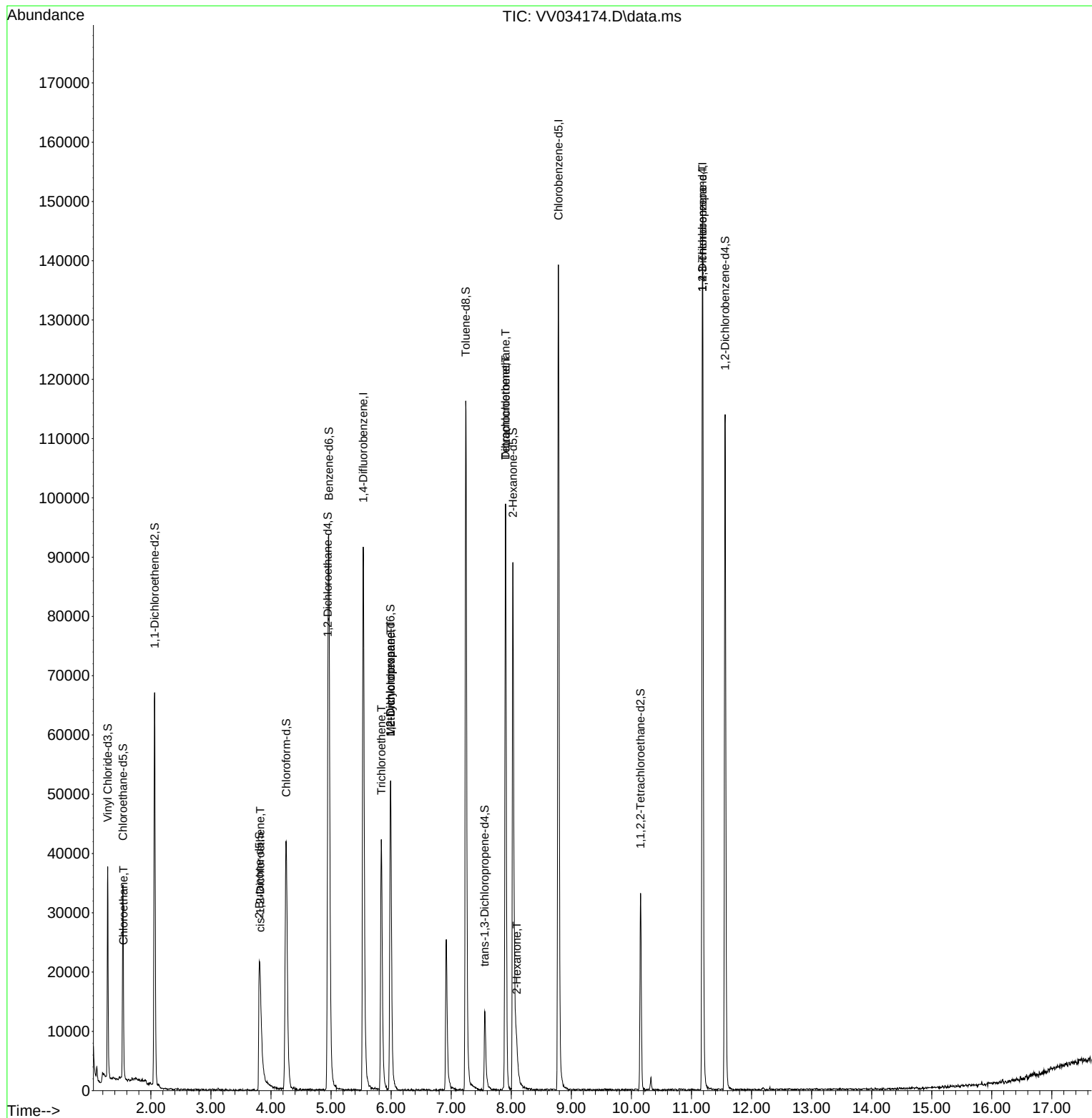
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	80638	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	76638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	38832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21806	3.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.536	69	20336	3.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.063	65	10962	3.640	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	3.806	46	40868	38.964	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.920%	
24) Chloroform-d	4.253	84	46027	4.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
26) 1,2-Dichloroethane-d4	4.947	65	23936	4.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
32) Benzene-d6	4.963	84	83746	3.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.800%	
36) 1,2-Dichloropropane-d6	5.989	67	23893	3.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.400%	
41) Toluene-d8	7.243	98	79893	3.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.558	79	8919	3.675	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.027	63	31084	35.878	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.760%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15239	3.911	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28990	4.105	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						Qvalue
8) Chloroethane	1.545	64	808	0.154	ug/L #	43
22) cis-1,2-Dichloroethene	3.822	96	1806	0.277	ug/L	96
34) Trichloroethene	5.838	95	15239	2.291	ug/L	98
35) Methylcyclohexane	5.992	83	6356	0.609	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	3341	0.600	ug/L #	87
47) Tetrachloroethene	7.905	164	21459	3.970	ug/L	98
48) 2-Hexanone	8.092	43	5871	3.124	ug/L #	91
49) Dibromochloromethane	7.905	129	19538	4.782	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4627	1.733	ug/L #	63

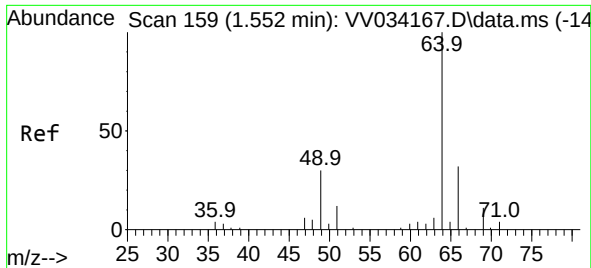
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 15 01:26:50 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.154 ug/L

RT: 1.545 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

Instrument :

MSVOA_V

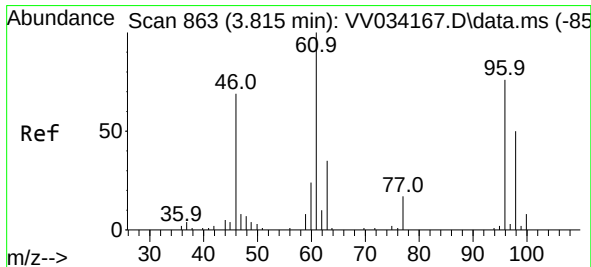
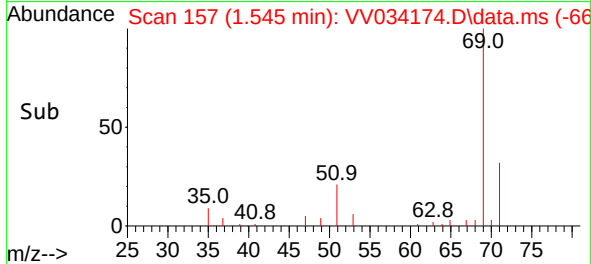
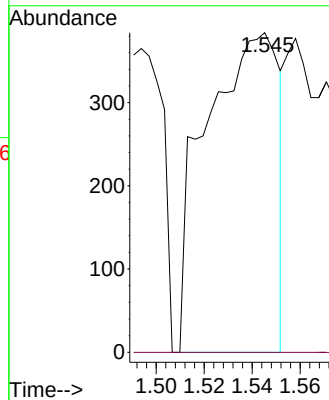
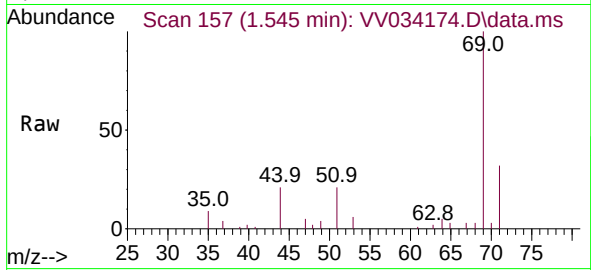
ClientSampleId :

Tgt Ion: 64 Resp: 808

Ion Ratio Lower Upper

64 100

66 0.0 22.0 41.0#



#22

cis-1,2-Dichloroethene

Concen: 0.277 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

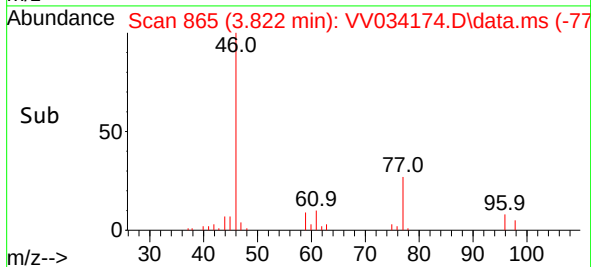
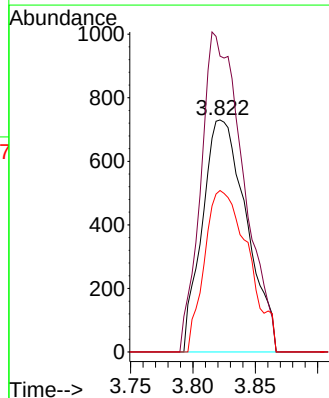
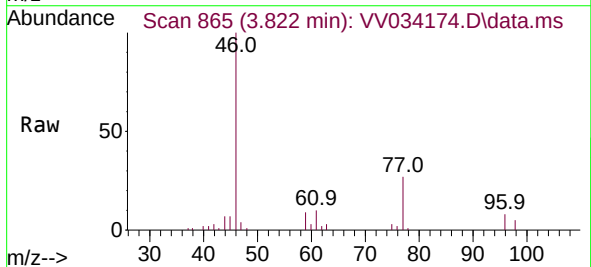
Tgt Ion: 96 Resp: 1806

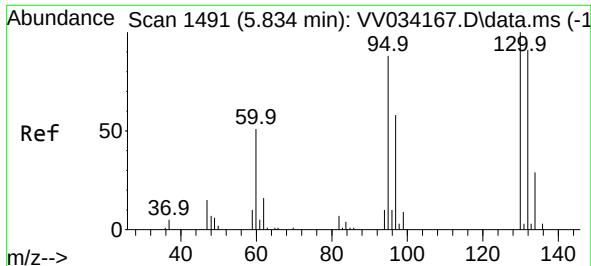
Ion Ratio Lower Upper

96 100

61 127.5 90.3 167.7

98 69.6 43.2 80.2



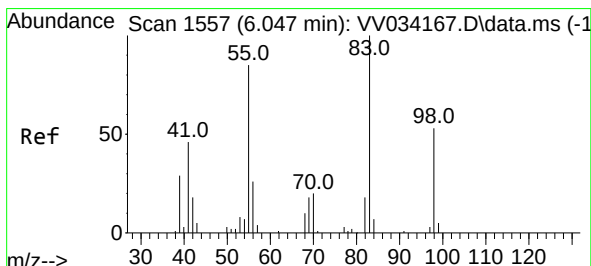
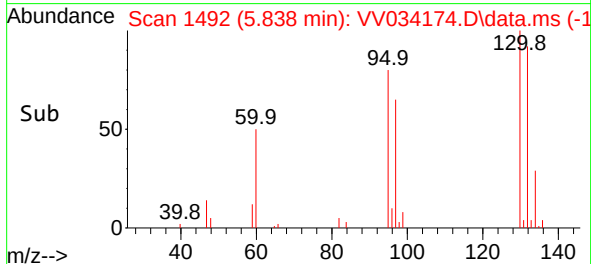
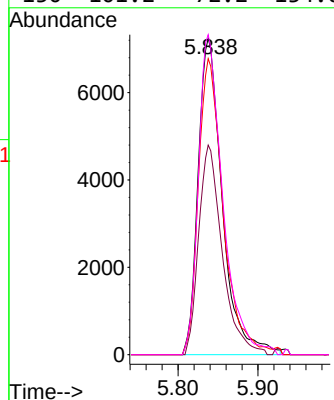
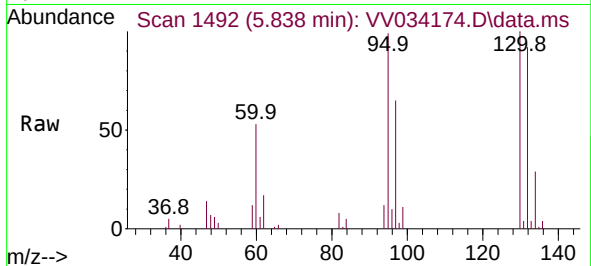


#34
Trichloroethene
Concen: 2.291 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034174.D
Acq: 14 Feb 2024 12:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 15239

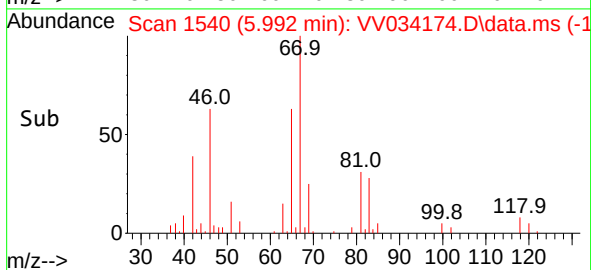
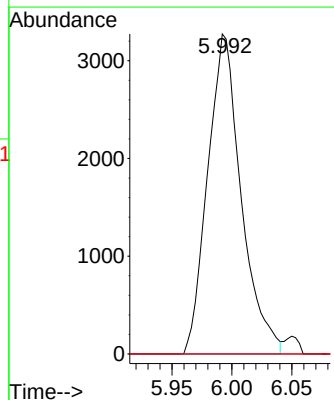
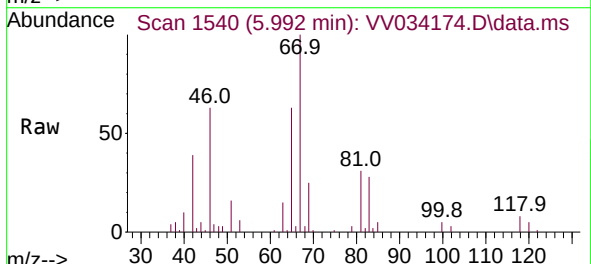
Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.1	83.7
132	93.6	66.0	122.6
130	101.2	72.2	134.0

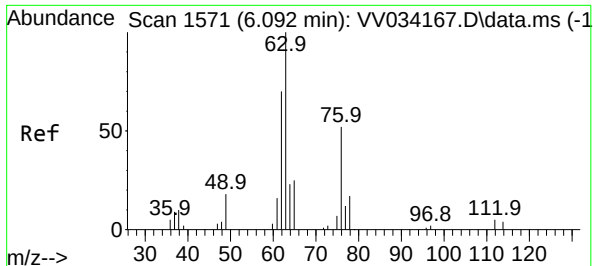


#35
Methylcyclohexane
Concen: 0.609 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034174.D
Acq: 14 Feb 2024 12:10

Tgt Ion: 83 Resp: 6356

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	4.7	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

Instrument :

MSVOA_V

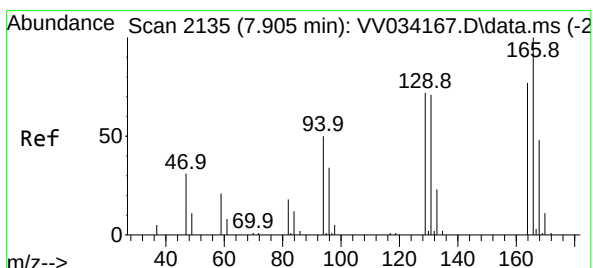
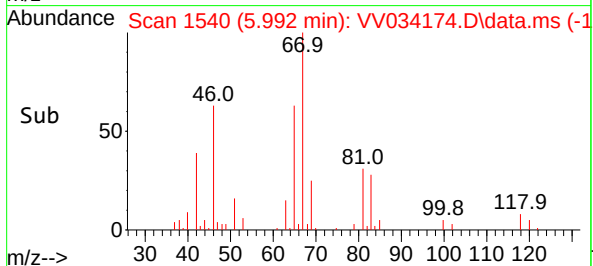
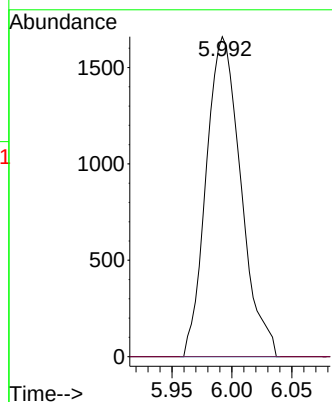
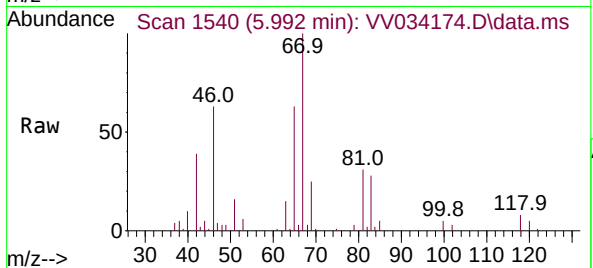
ClientSampleId :

Tgt Ion: 63 Resp: 3341

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 3.970 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

Tgt Ion:164 Resp: 21459

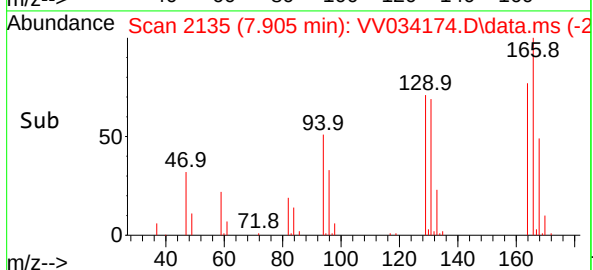
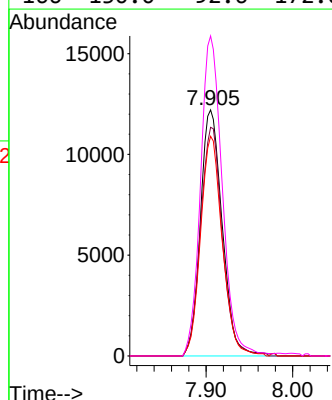
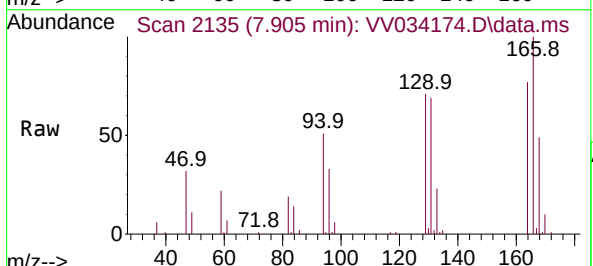
Ion Ratio Lower Upper

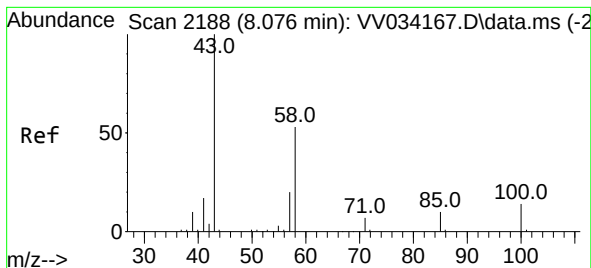
164 100

129 92.9 67.8 125.8

131 89.3 63.0 117.0

166 130.0 92.6 172.0





#48

2-Hexanone

Concen: 3.124 ug/L

RT: 8.092 min Scan# 2188

Delta R.T. 0.016 min

Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 5871

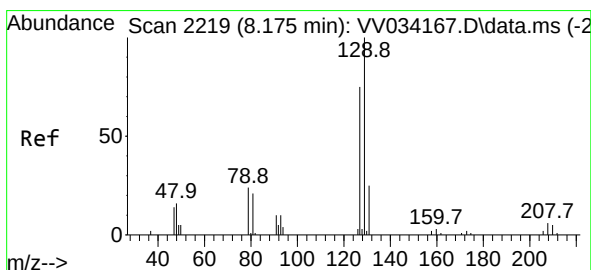
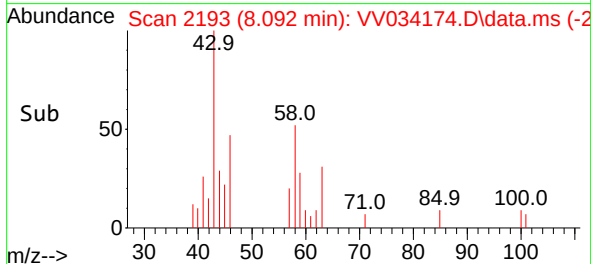
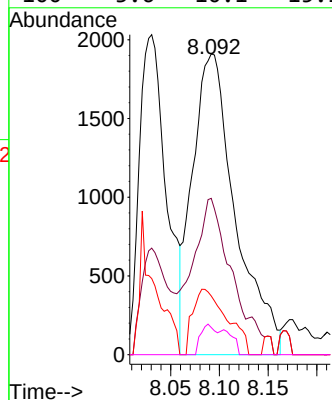
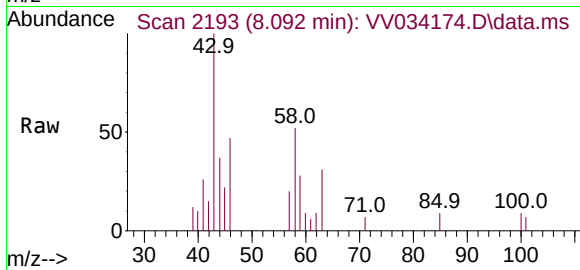
Ion Ratio Lower Upper

43 100

58 48.7 42.6 64.0

57 17.2 15.5 23.3

100 3.6 10.1 15.1#



#49

Dibromochloromethane

Concen: 4.782 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034174.D

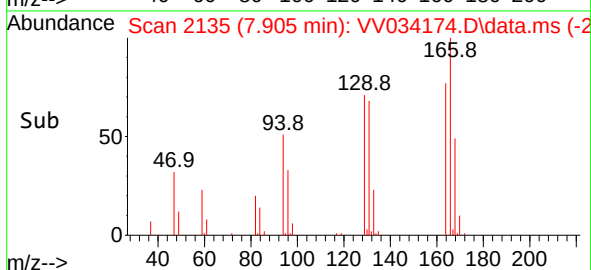
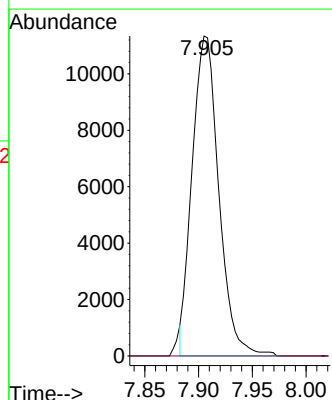
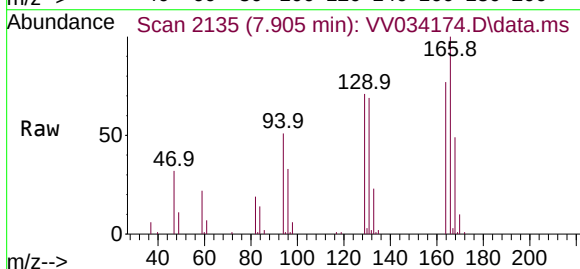
Acq: 14 Feb 2024 12:10

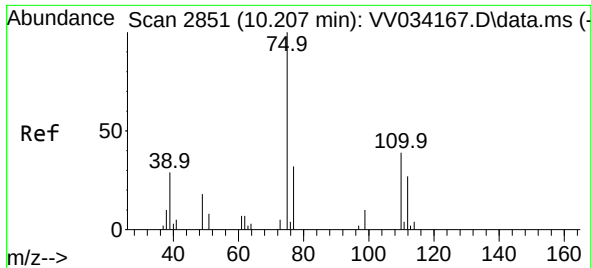
Tgt Ion: 129 Resp: 19538

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.733 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

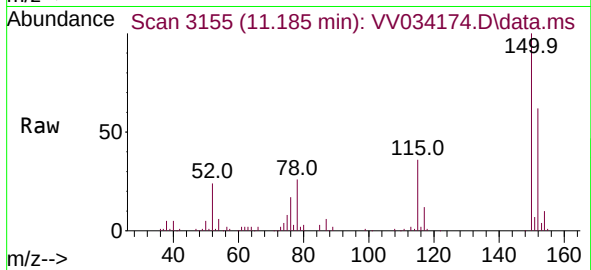
Lab File: VV034174.D

Acq: 14 Feb 2024 12:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	4627
Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.9	40.3
110	0.5	33.3	49.9#

