

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034149.D
 Acq On : 13 Feb 2024 12:48
 Operator : SY/MD
 Sample : P1402-10DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:42:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

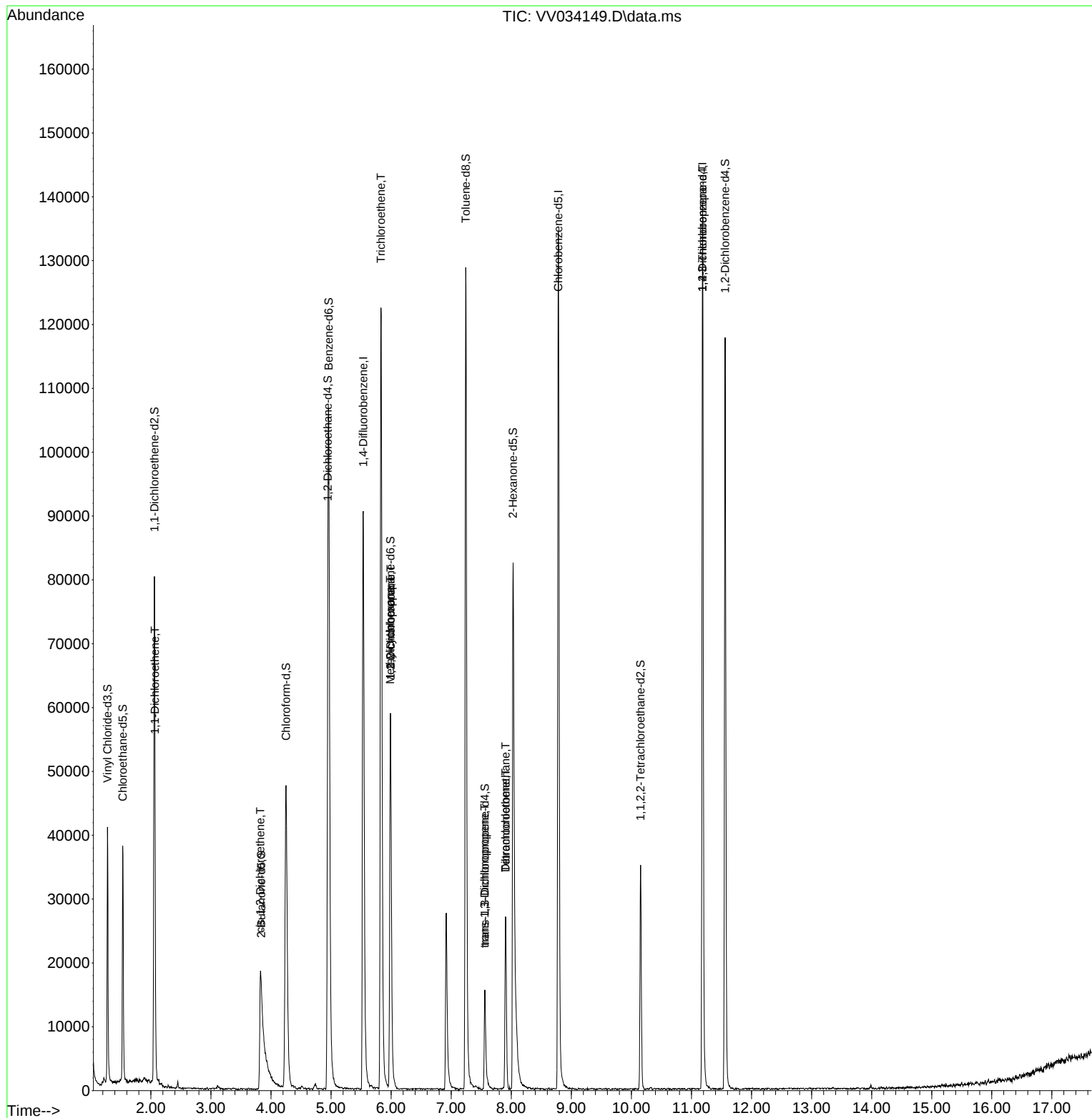
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	80592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	74070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26139	4.188	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.532	69	23478	4.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.060	65	12522	4.160	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.838	46	32142	30.662	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	61.320%	
24) Chloroform-d	4.249	84	50905	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	4.947	65	25620	4.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	4.960	84	96966	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	5.989	67	27559	4.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.243	98	86043	4.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.561	79	10521	4.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.030	63	32643	38.984	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.960%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15742	4.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	29761	4.676	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	2022	0.359	ug/L #	1
22) cis-1,2-Dichloroethene	3.822	96	5357	0.823	ug/L	88
34) Trichloroethene	5.831	95	43140	6.710	ug/L	98
35) Methylcyclohexane	5.986	83	6884	0.682	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3696	0.687	ug/L #	87
44) trans-1,3-Dichloropropene	7.558	75	566	0.090	ug/L #	43
47) Tetrachloroethene	7.905	164	5894	1.128	ug/L	98
49) Dibromochloromethane	7.905	129	5557	1.407	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4377	1.819	ug/L #	64

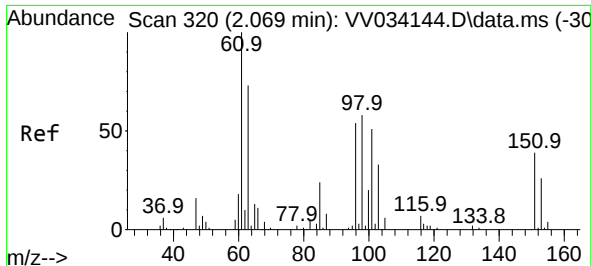
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.359 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

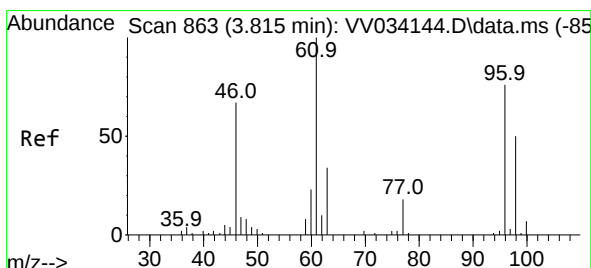
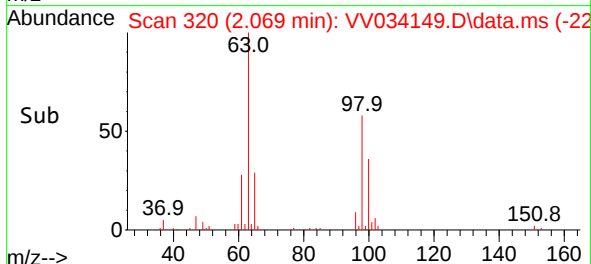
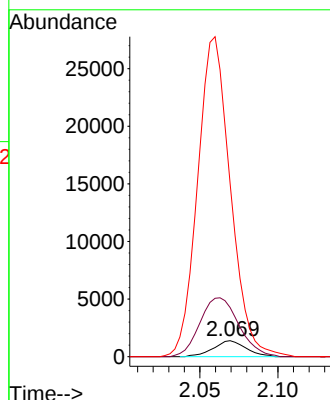
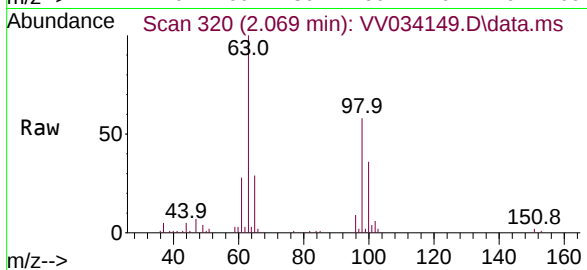
Tgt Ion: 96 Resp: 2022

Ion Ratio Lower Upper

96 100

61 307.5 128.8 239.2#

63 1083.1 97.9 181.9#



#22

cis-1,2-Dichloroethene

Concen: 0.823 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

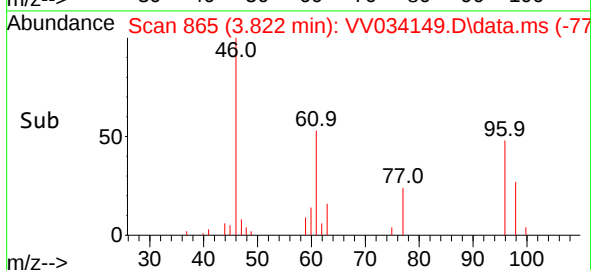
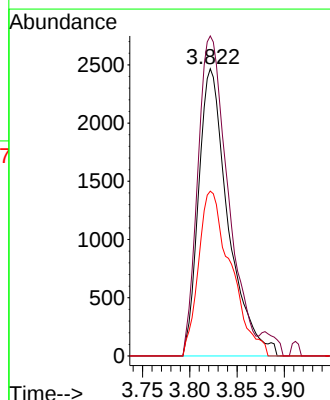
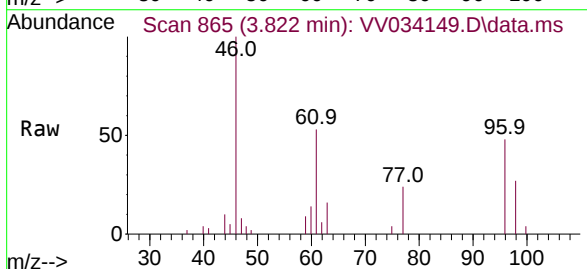
Tgt Ion: 96 Resp: 5357

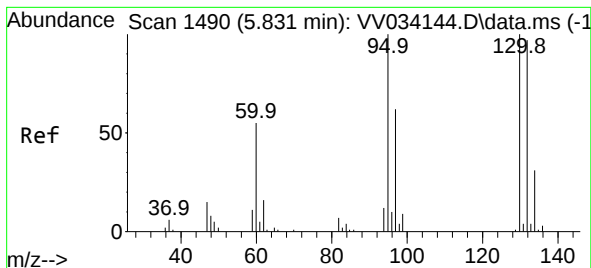
Ion Ratio Lower Upper

96 100

61 111.4 90.3 167.7

98 57.4 43.2 80.2





#34

Trichloroethene

Concen: 6.710 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

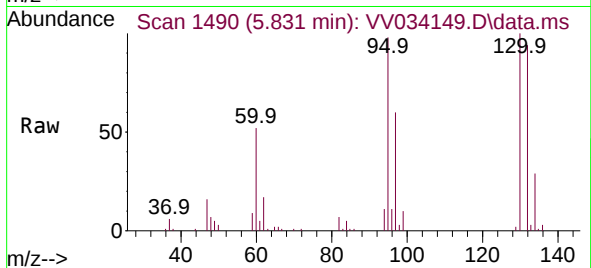
Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 43140

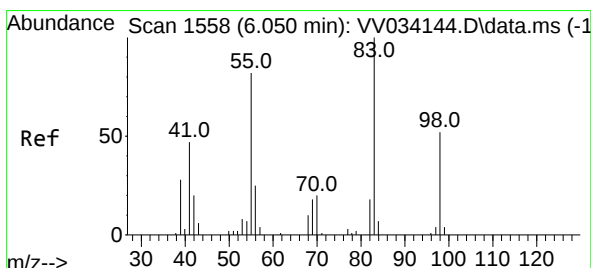
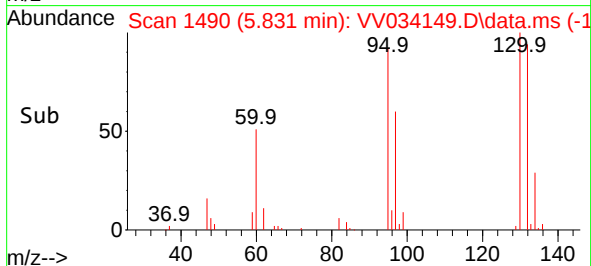
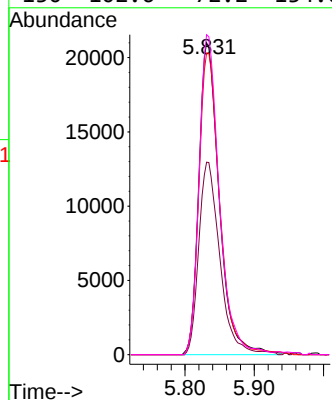
Ion Ratio Lower Upper

95 100

97 61.7 45.1 83.7

132 96.7 66.0 122.6

130 102.6 72.2 134.0



#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.064 min

Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

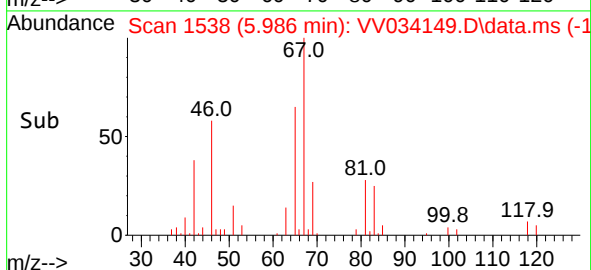
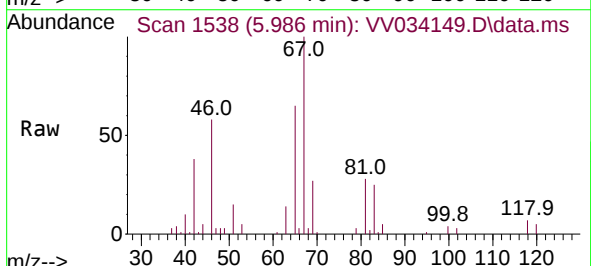
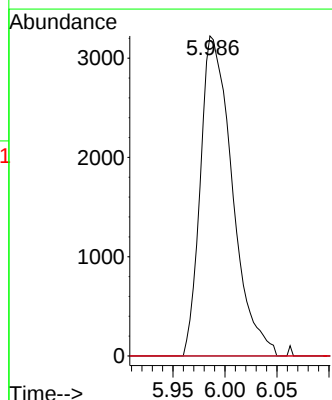
Tgt Ion: 83 Resp: 6884

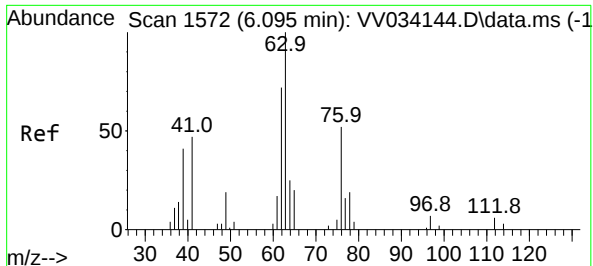
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

Instrument :

MSVOA_V

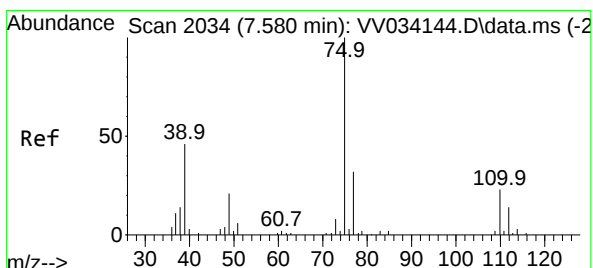
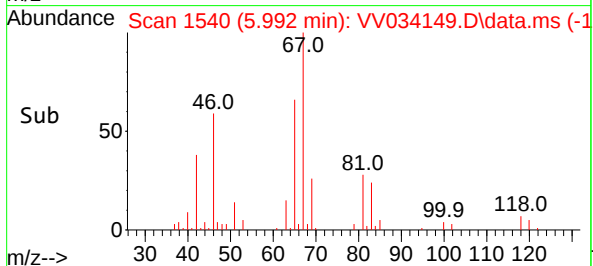
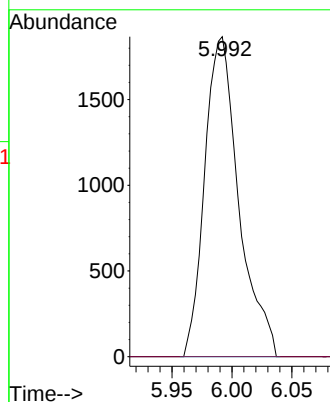
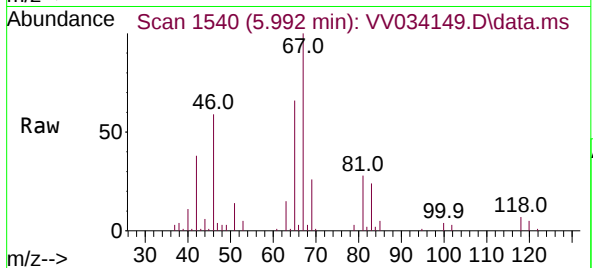
ClientSampleId :

Tgt Ion: 63 Resp: 3696

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.023 min

Lab File: VV034149.D

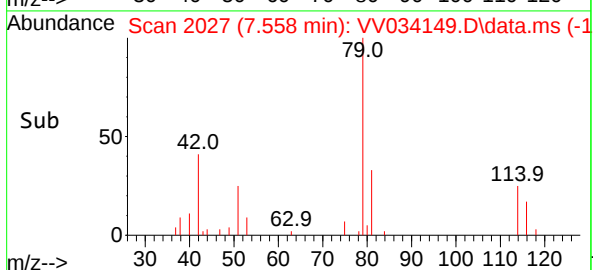
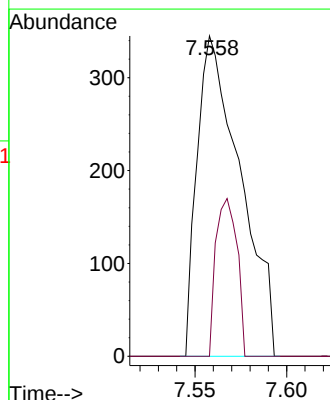
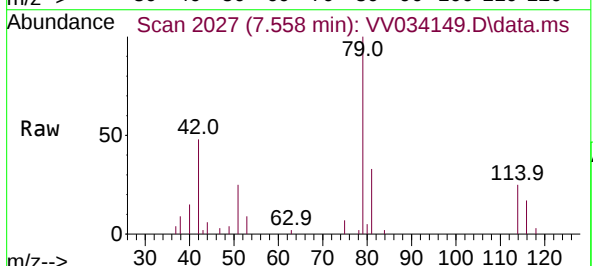
Acq: 13 Feb 2024 12:48

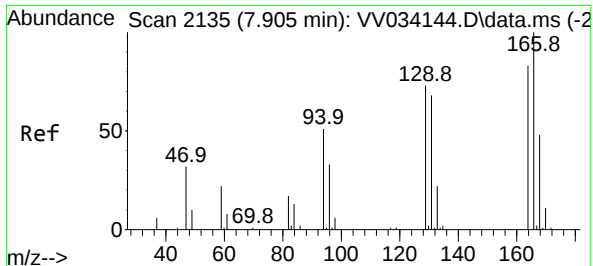
Tgt Ion: 75 Resp: 566

Ion Ratio Lower Upper

75 100

77 0.0 22.2 41.2#





#47

Tetrachloroethene

Concen: 1.128 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

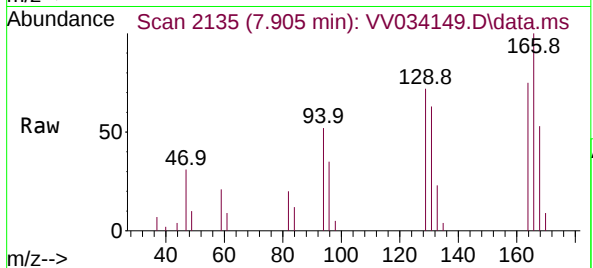
Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5894

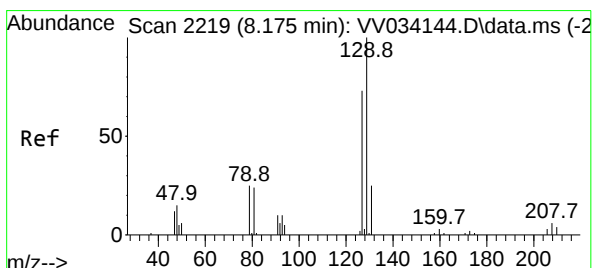
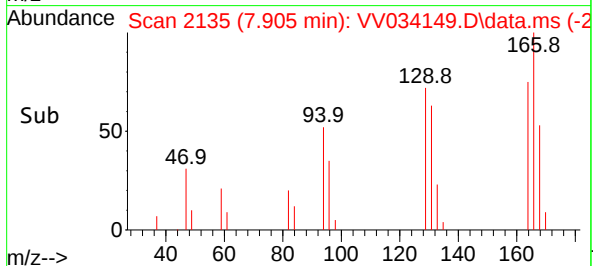
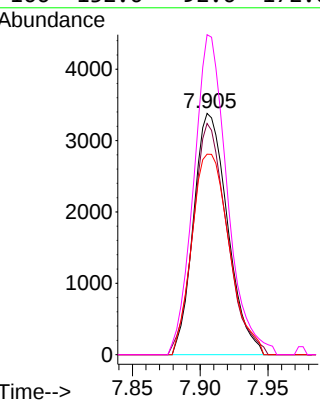
Ion Ratio Lower Upper

164 100

129 95.8 67.8 125.8

131 83.1 63.0 117.0

166 132.6 92.6 172.0



#49

Dibromochloromethane

Concen: 1.407 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034149.D

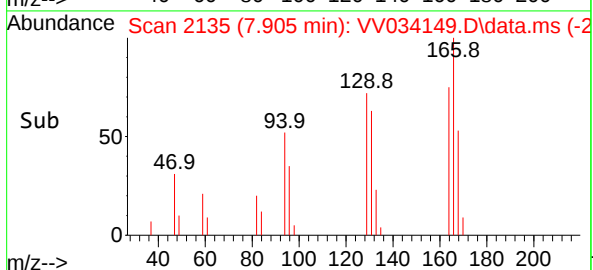
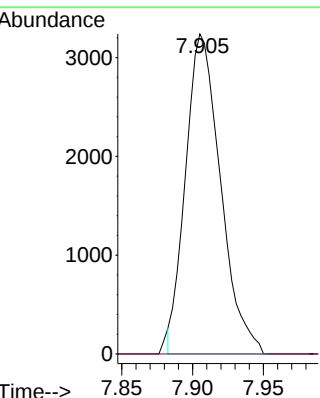
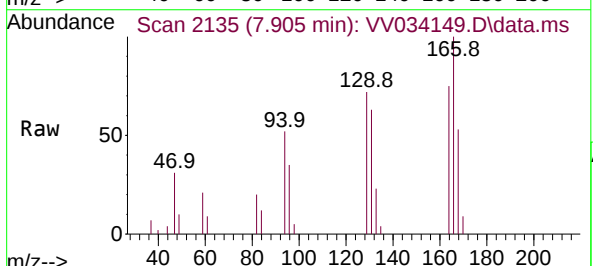
Acq: 13 Feb 2024 12:48

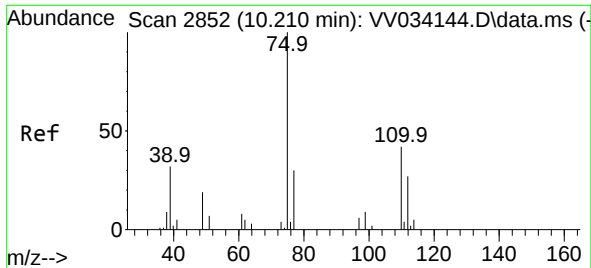
Tgt Ion:129 Resp: 5557

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.819 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

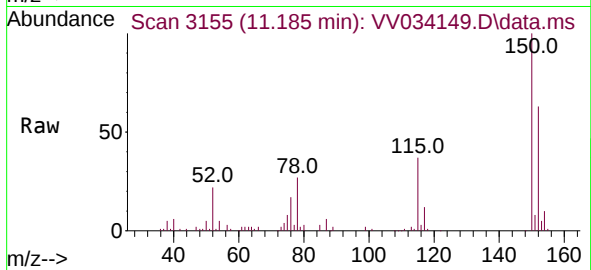
Lab File: VV034149.D

Acq: 13 Feb 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4377

Ion Ratio Lower Upper

75 100

77 35.1 26.9 40.3

110 1.6 33.3 49.9#

