

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035234.D
 Acq On : 16 Apr 2024 12:48
 Operator : SY/MD
 Sample : P2100-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:48:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

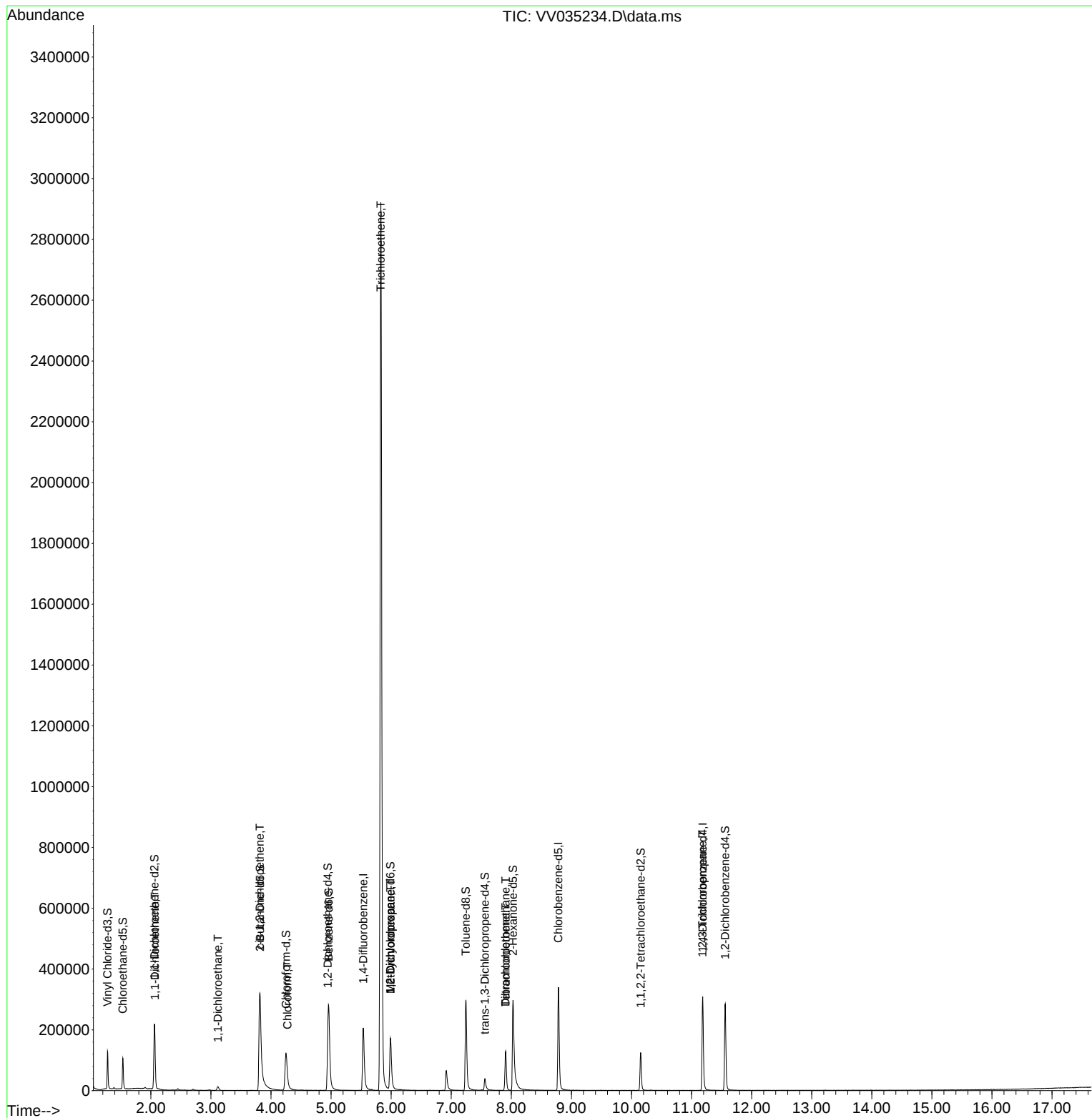
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	184060	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	188166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80554	4.674	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.532	69	65661	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	34259	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.818	46	165460	56.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	4.249	84	133431	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.944	65	68483	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.960	84	259659	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.989	67	87063	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.243	98	209393	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.561	79	27546	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.027	63	109182	44.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.360%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	63758	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	75570	5.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	9769	0.699	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	13795	0.480	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	145066	9.882	ug/L	98
25) Chloroform	4.275	83	6385	0.229	ug/L	94
34) Trichloroethene	5.828	95	1031925	66.325	ug/L	99
35) Methylcyclohexane	5.989	83	20158	0.860	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	9167	0.586	ug/L #	89
47) Tetrachloroethene	7.905	164	29639	2.401	ug/L	98
49) Dibromochloromethane	7.905	129	26694	2.381	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	10845	1.303	ug/L #	66

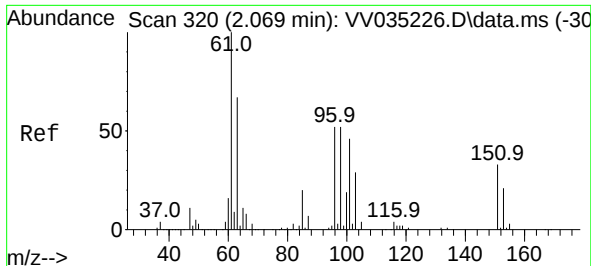
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 02:28:28 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

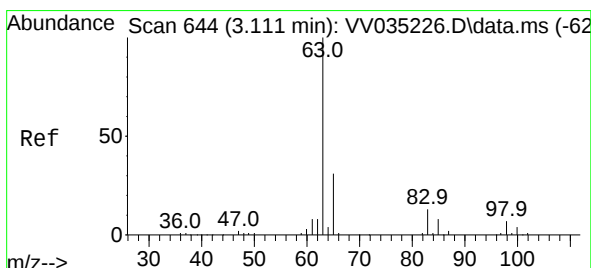
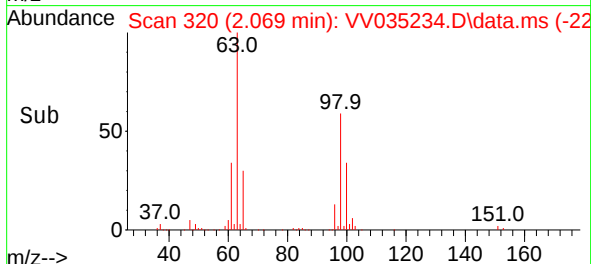
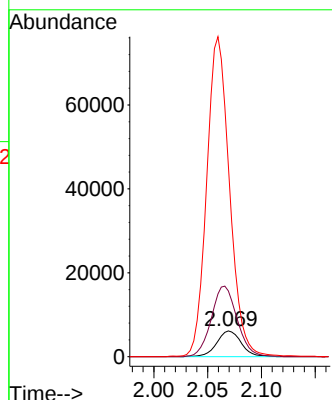
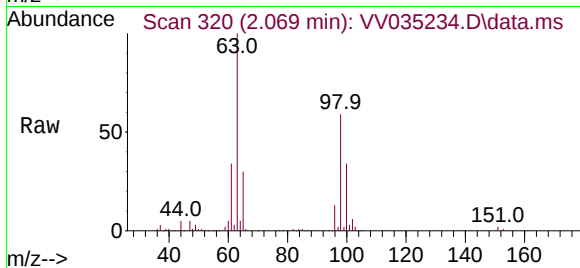
Tgt Ion: 96 Resp: 9769

Ion Ratio Lower Upper

96 100

61 255.5 133.5 247.9#

63 743.0 112.5 208.9#



#19

1,1-Dichloroethane

Concen: 0.480 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

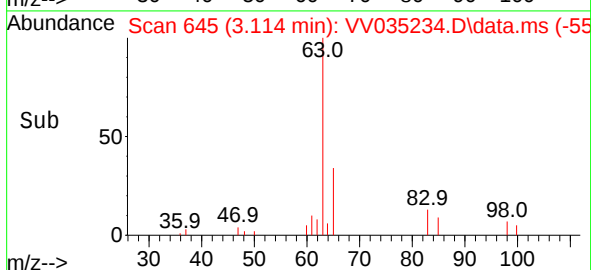
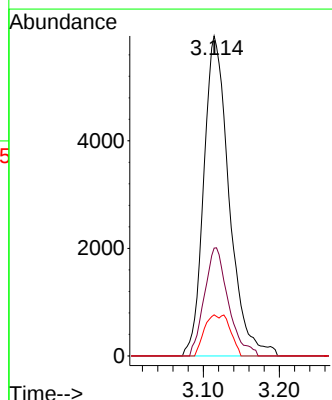
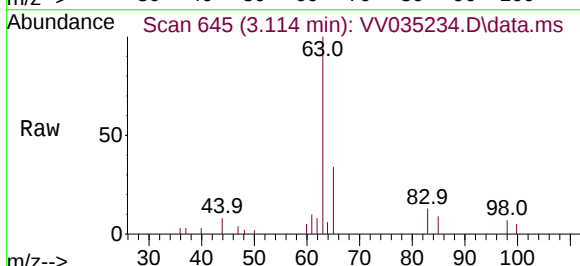
Tgt Ion: 63 Resp: 13795

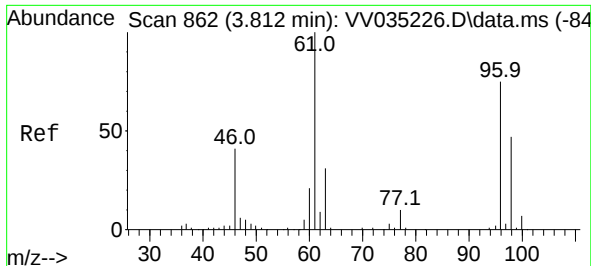
Ion Ratio Lower Upper

63 100

65 33.7 22.2 41.2

83 12.8 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 9.882 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

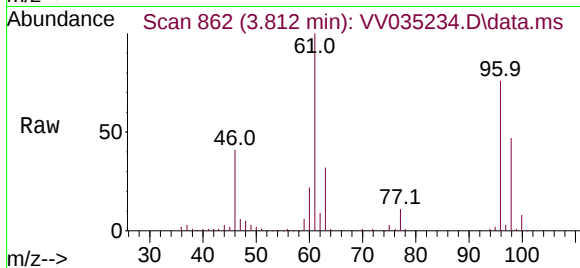
Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :



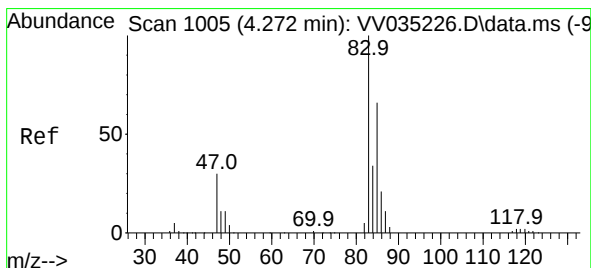
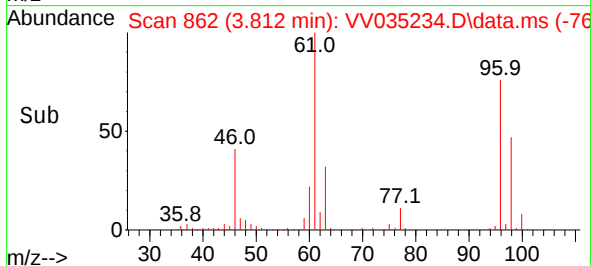
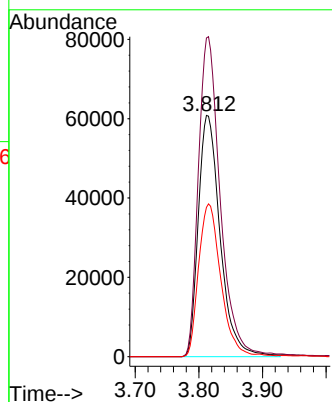
Tgt Ion: 96 Resp: 145066

Ion Ratio Lower Upper

96 100

61 132.1 92.8 172.4

98 61.9 45.5 84.5



#25

Chloroform

Concen: 0.229 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV035234.D

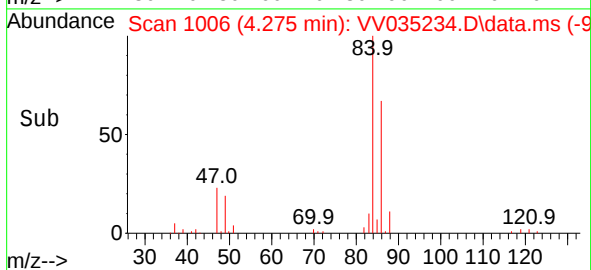
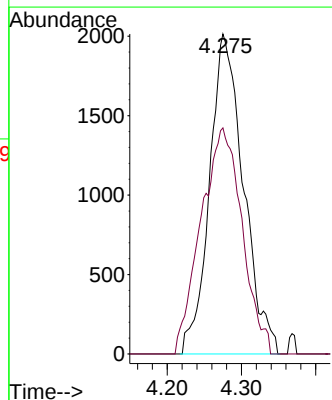
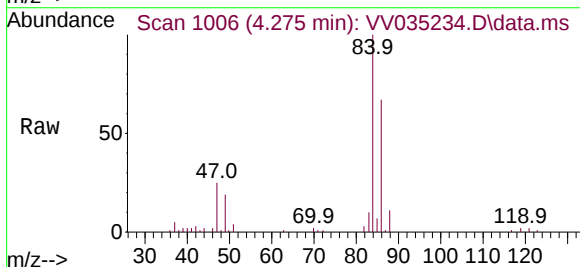
Acq: 16 Apr 2024 12:48

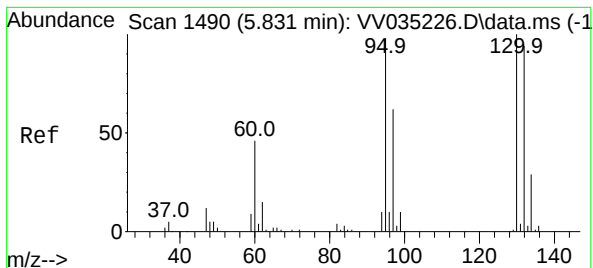
Tgt Ion: 83 Resp: 6385

Ion Ratio Lower Upper

83 100

85 70.7 46.0 85.4





#34

Trichloroethene

Concen: 66.325 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1031925

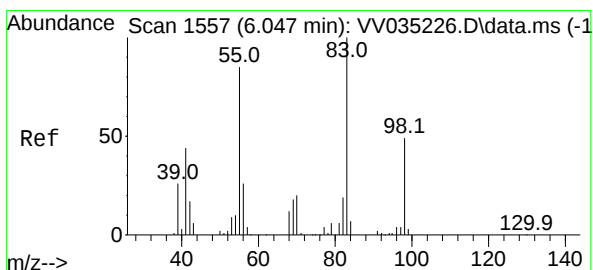
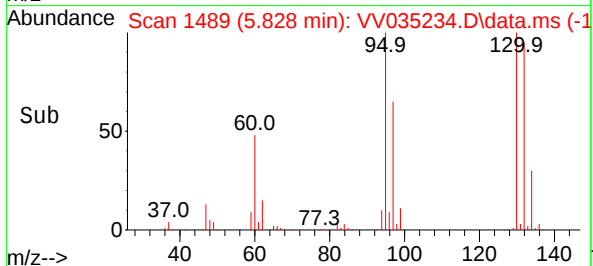
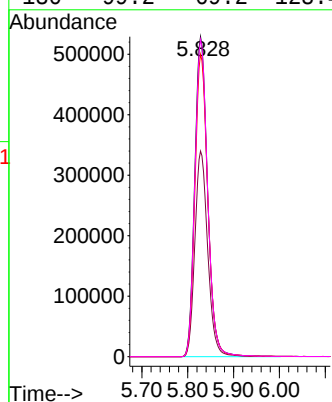
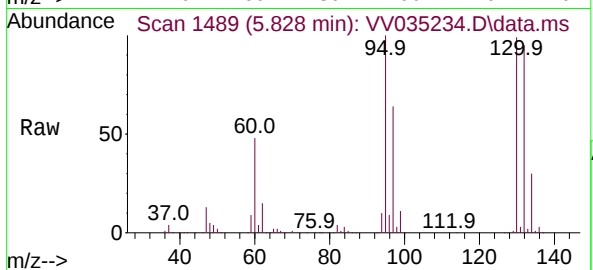
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 94.5 64.8 120.3

130 99.2 69.2 128.4



#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

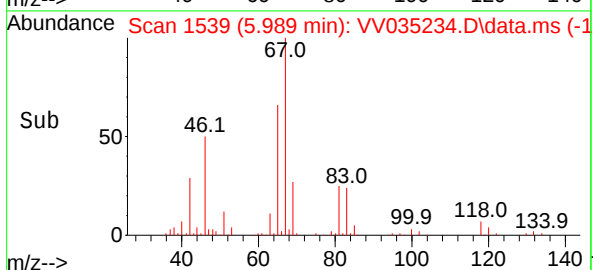
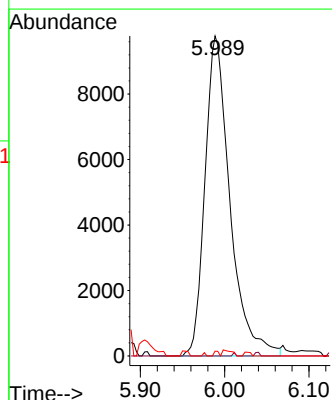
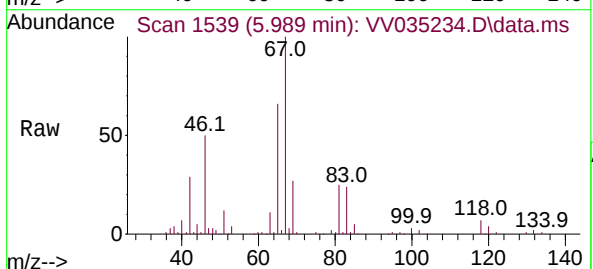
Tgt Ion: 83 Resp: 20158

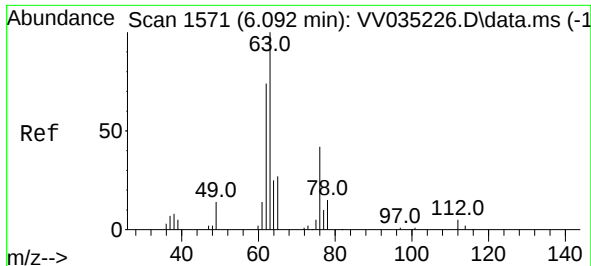
Ion Ratio Lower Upper

83 100

55 0.1 63.8 95.6#

98 0.0 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Instrument :

MSVOA_V

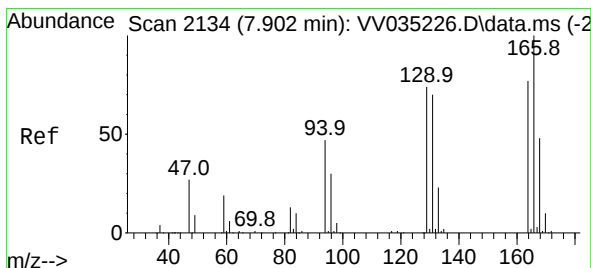
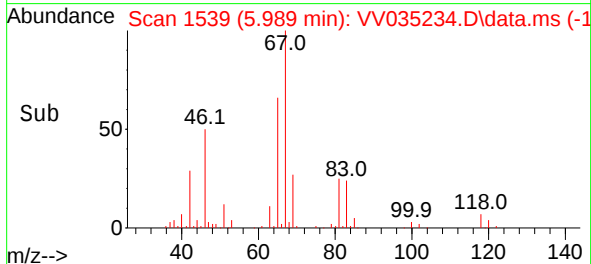
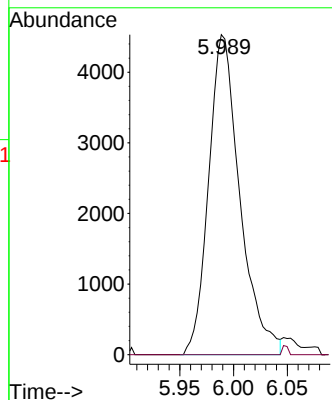
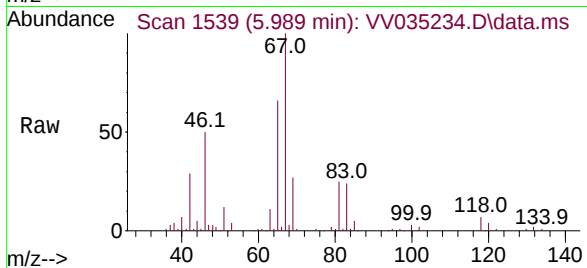
ClientSampleId :

Tgt Ion: 63 Resp: 9167

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#47

Tetrachloroethene

Concen: 2.401 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Tgt Ion:164 Resp: 29639

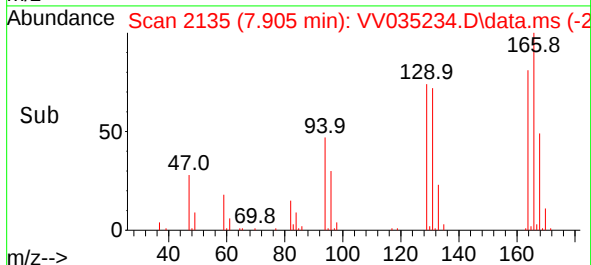
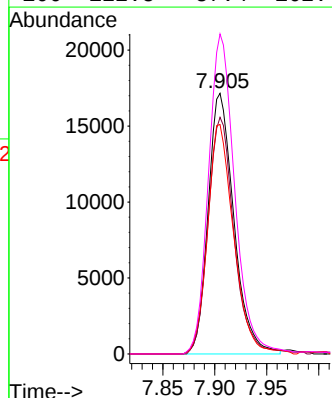
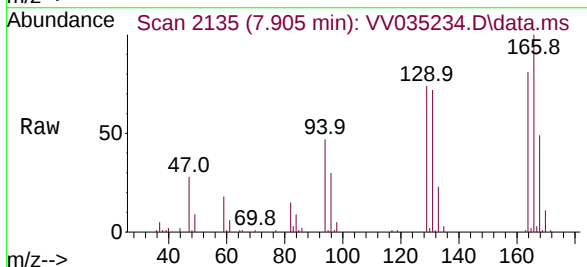
Ion Ratio Lower Upper

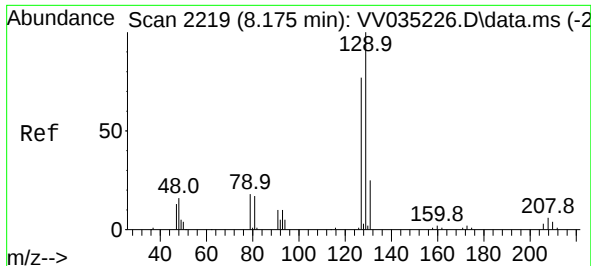
164 100

129 90.8 65.3 121.3

131 88.0 60.9 113.1

166 122.8 87.4 162.4





#49

Dibromochloromethane

Concen: 2.381 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Instrument :

MSVOA_V

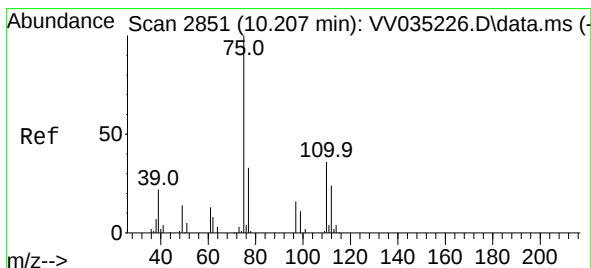
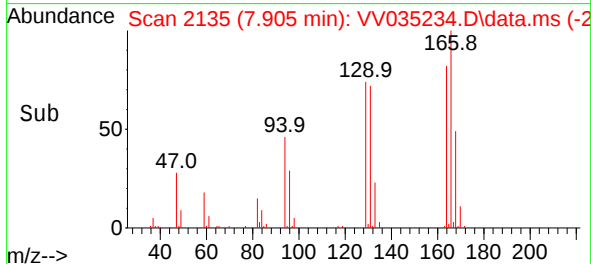
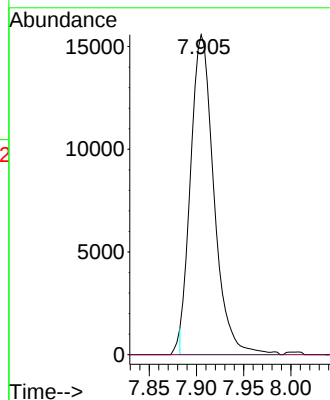
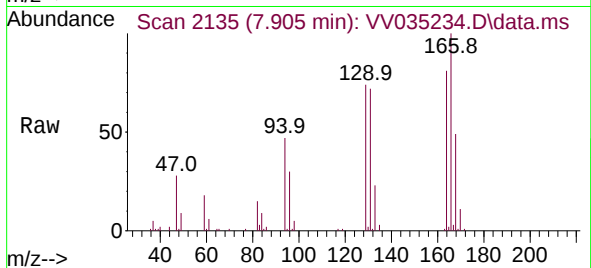
ClientSampleId :

Tgt Ion:129 Resp: 26694

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV035234.D

Acq: 16 Apr 2024 12:48

Tgt Ion: 75 Resp: 10845

Ion Ratio Lower Upper

75 100

77 33.7 25.3 37.9

110 1.7 29.6 44.4#

