

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037986.D
 Acq On : 08 Nov 2024 18:12
 Operator : SY/MD
 Sample : P4749-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 02:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 02:20:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	263554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	279834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	127277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83676	4.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.529	69	70057	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.053	65	37533	4.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.805	46	175281	46.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.240%
24) Chloroform-d	4.243	84	166266	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	81314	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.953	84	314923	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.985	67	101609	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.239	98	262046	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.558	79	29289	3.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.024	63	152000	47.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84968	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	106012	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
8) Chloroethane	1.355	64	160313	10.938	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	56042	3.113	ug/L	92
13) Acetone	2.137	43	19981	7.486	ug/L	93
15) Methyl Acetate	2.336	43	119790	18.962	ug/L #	48
17) Methyl tert-butyl Ether	2.706	73	3628	0.090	ug/L #	87
19) 1,1-Dichloroethane	3.108	63	33591	0.951	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	51017	2.490	ug/L	96
25) Chloroform	4.268	83	5937	0.160	ug/L	86
29) 1,1,1-Trichloroethane	4.506	97	27294	0.816	ug/L	98
31) Carbon tetrachloride	4.725	117	38297	1.305	ug/L	99
34) Trichloroethene	5.821	95	2091399	98.216	ug/L	98
35) Methylcyclohexane	5.982	83	24489	0.772	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	10962	0.570	ug/L #	85
47) Tetrachloroethene	7.899	164	50993	3.081	ug/L	94
49) Dibromochloromethane	7.899	129	45280	2.723	ug/L #	12
61) 1,2,3-Trichloropropane	11.181	75	15381	1.545	ug/L #	63

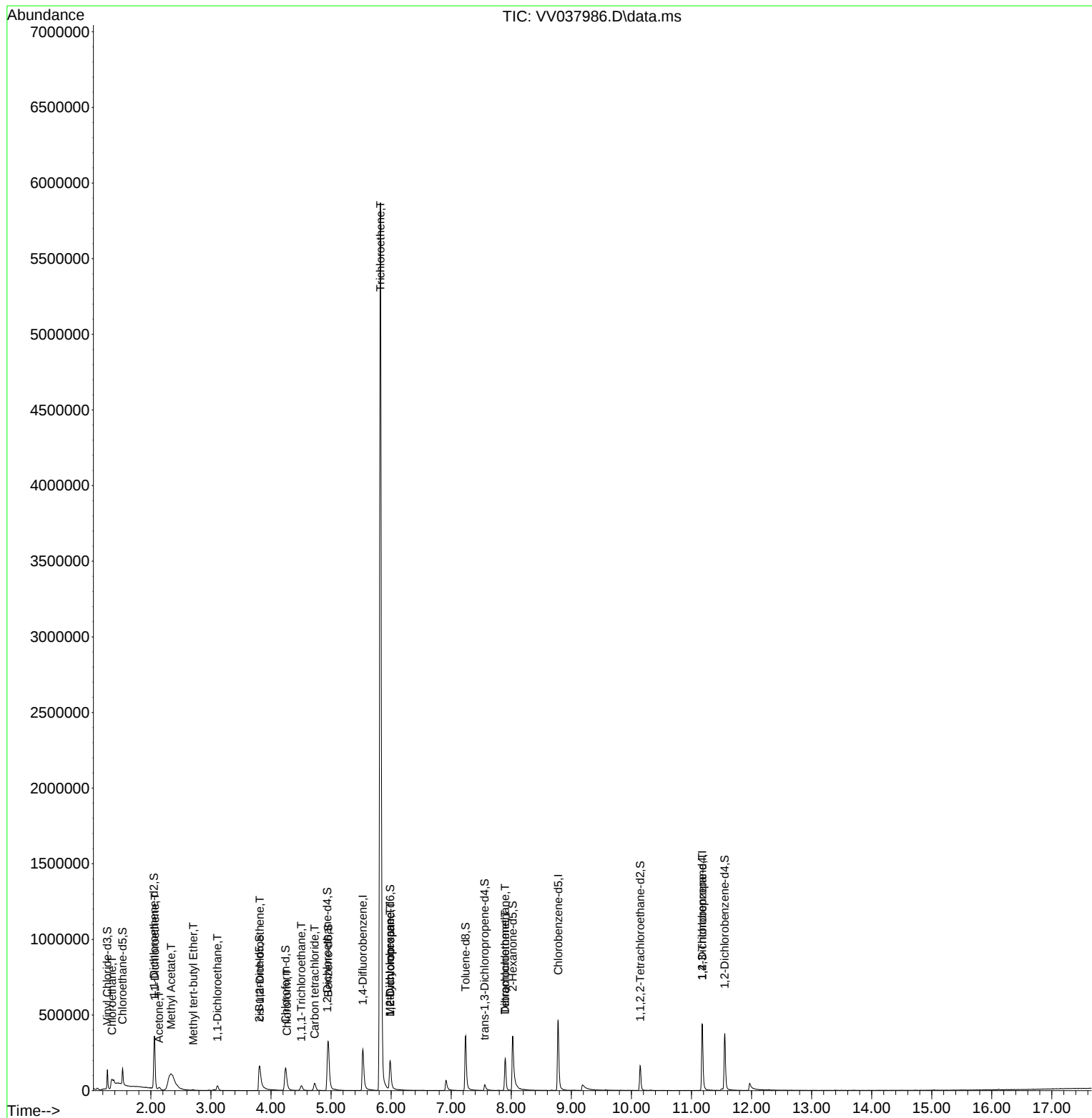
(#) = qualifier out of range (m) = manual integration (+) = signals summed

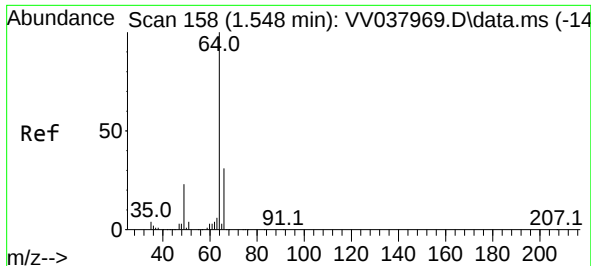
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
Data File : VV037986.D
Acq On : 08 Nov 2024 18:12
Operator : SY/MD
Sample : P4749-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

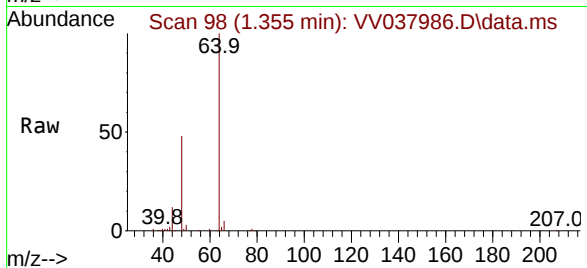
Quant Time: Nov 09 02:25:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 09 02:20:30 2024
Response via : Initial Calibration



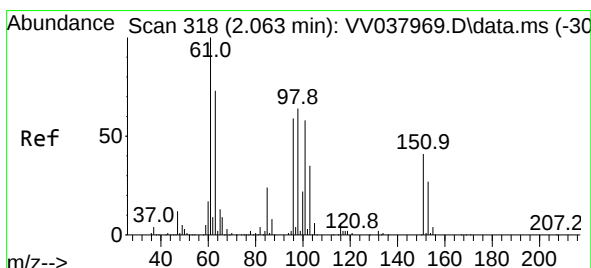
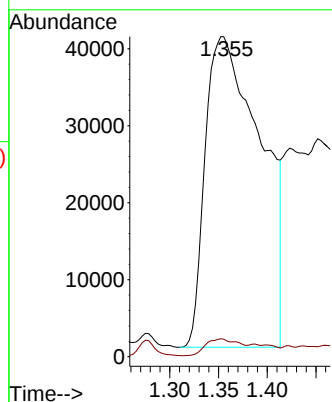
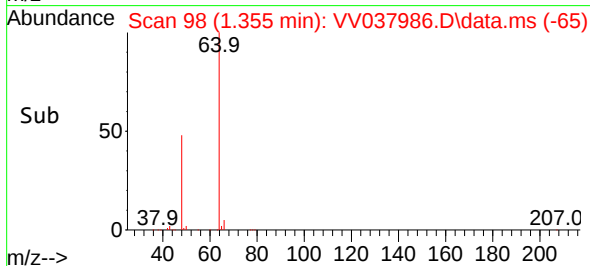


#8
Chloroethane
Concen: 10.938 ug/L
RT: 1.355 min Scan# 91
Delta R.T. -0.193 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

Instrument :
MSVOA_V
ClientSampleId :

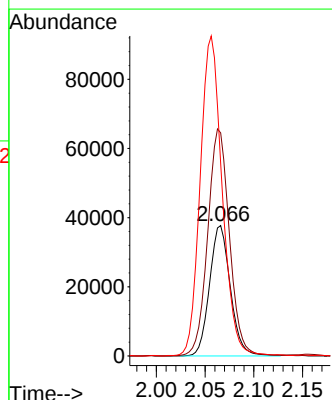
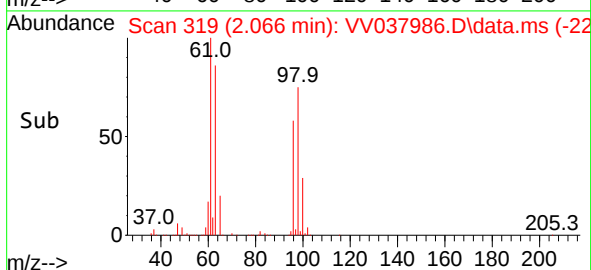
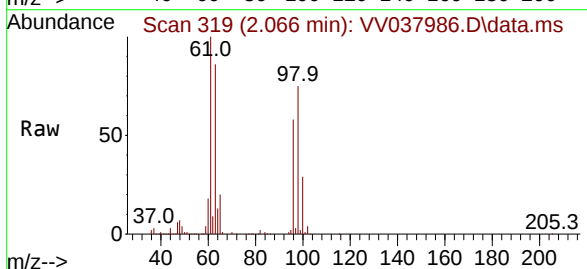


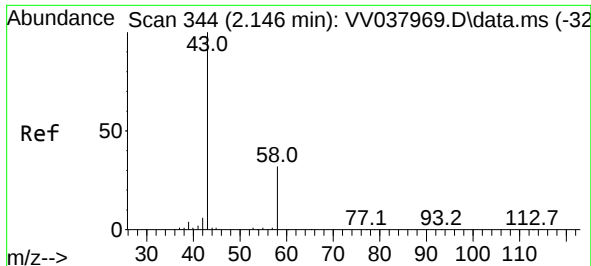
Tgt Ion: 64 Resp: 160313
Ion Ratio Lower Upper
64 100
66 5.4 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 3.113 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

Tgt Ion: 96 Resp: 56042
Ion Ratio Lower Upper
96 100
61 171.2 117.4 218.0
63 147.7 91.7 170.3





#13

Acetone

Concen: 7.486 ug/L

RT: 2.137 min Scan# 344

Delta R.T. -0.010 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Instrument :

MSVOA_V

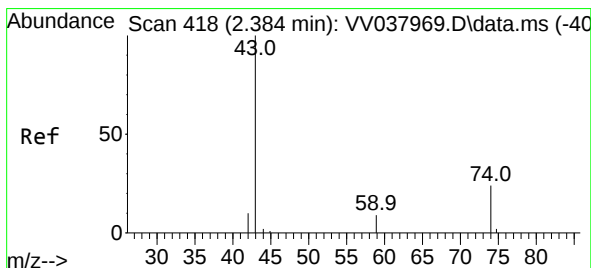
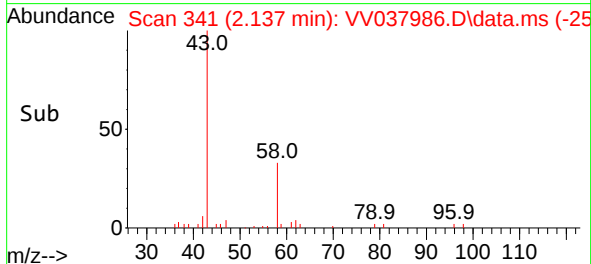
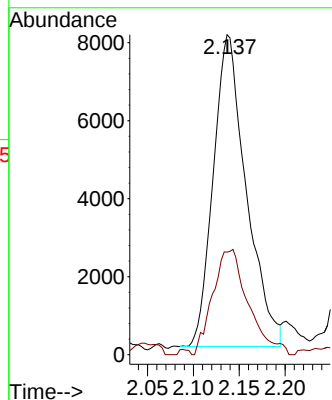
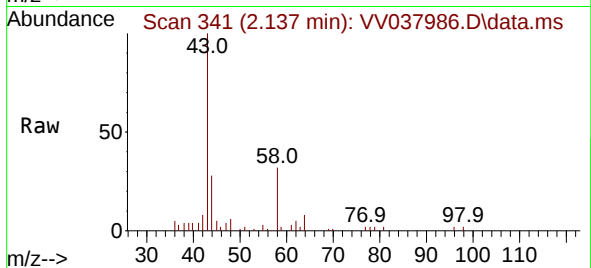
ClientSampleId :

Tgt Ion: 43 Resp: 19981

Ion Ratio Lower Upper

43 100

58 36.4 0.0 64.6



#15

Methyl Acetate

Concen: 18.962 ug/L

RT: 2.336 min Scan# 403

Delta R.T. -0.048 min

Lab File: VV037986.D

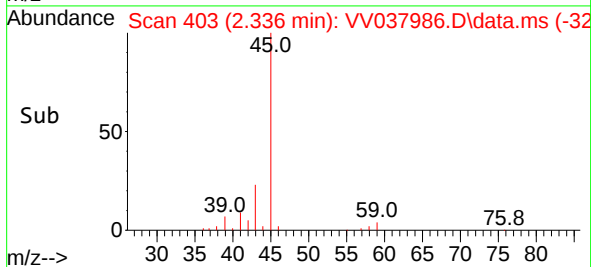
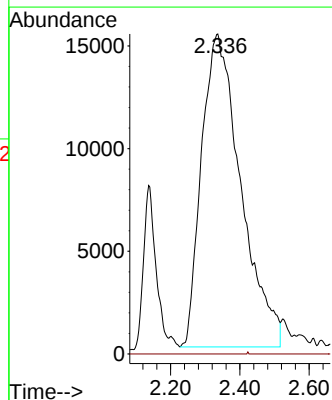
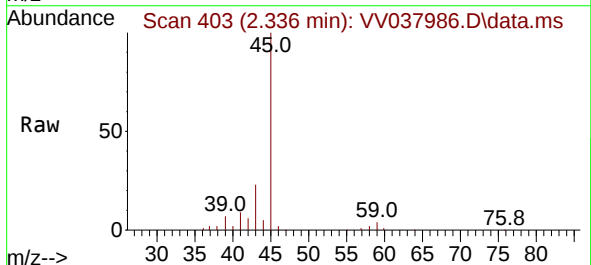
Acq: 08 Nov 2024 18:12

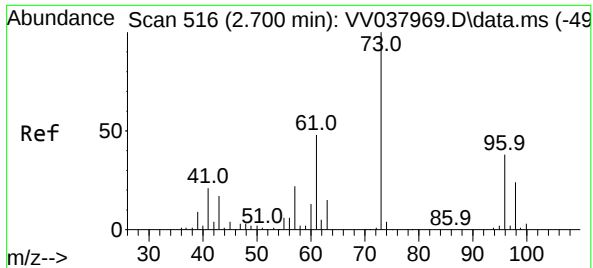
Tgt Ion: 43 Resp: 119790

Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.8#

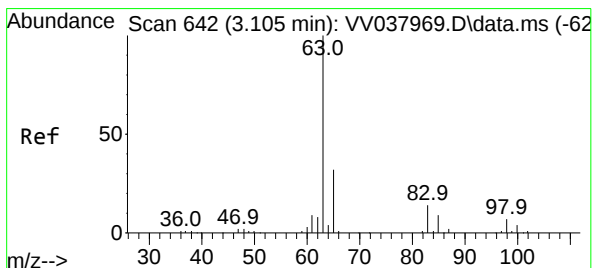
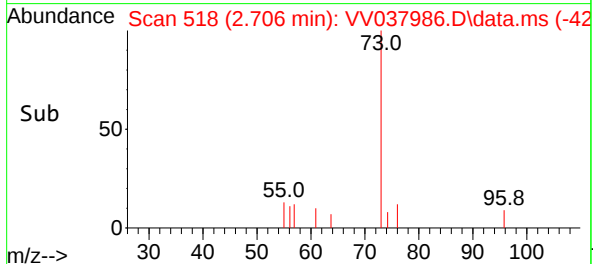
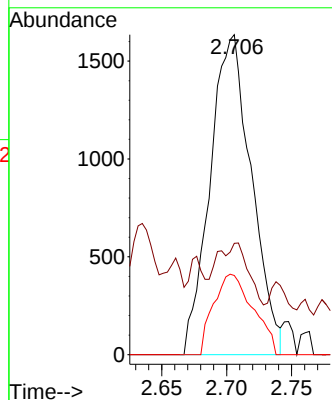
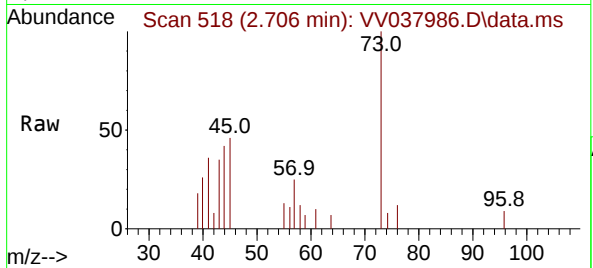




#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

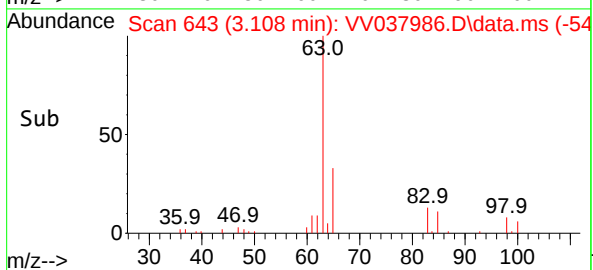
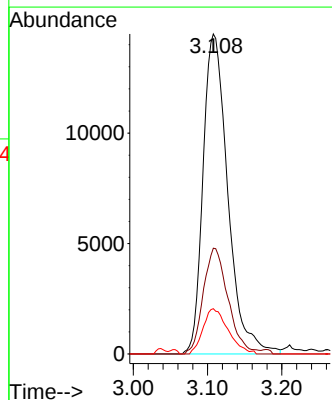
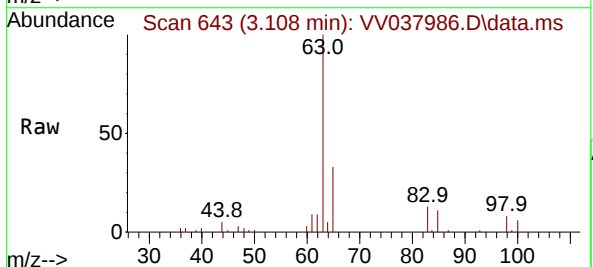
Instrument :
MSVOA_V
ClientSampleId :

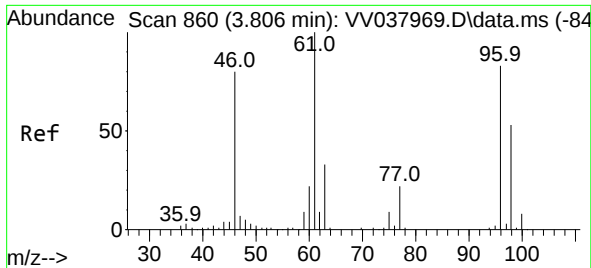
Tgt Ion: 73 Resp: 3628
Ion Ratio Lower Upper
73 100
43 6.9 14.4 21.6#
57 24.0 17.8 26.6



#19
1,1-Dichloroethane
Concen: 0.951 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

Tgt Ion: 63 Resp: 33591
Ion Ratio Lower Upper
63 100
65 33.0 22.3 41.3
83 14.1 9.5 17.7





#22

cis-1,2-Dichloroethene

Concen: 2.490 ug/L

RT: 3.812 min Scan# 81

Delta R.T. 0.006 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Instrument :

MSVOA_V

ClientSampleId :

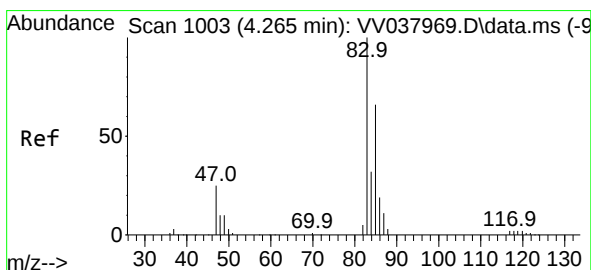
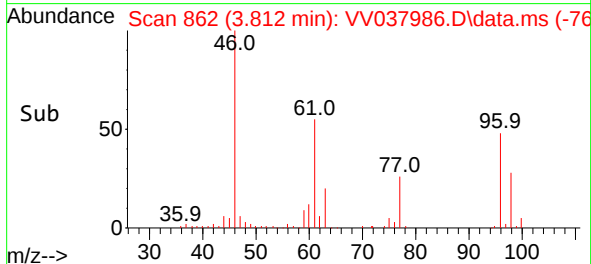
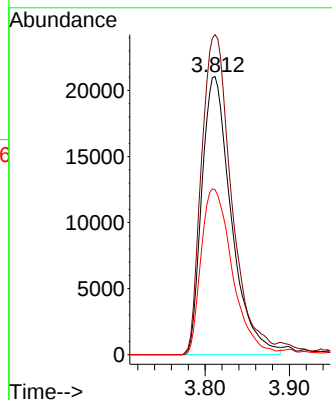
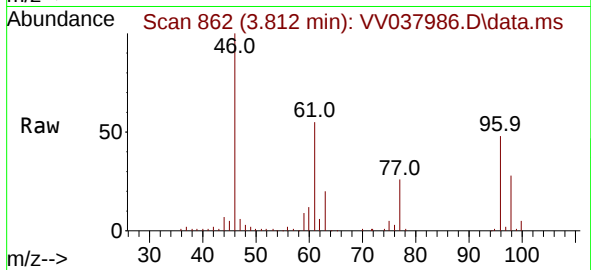
Tgt Ion: 96 Resp: 51017

Ion Ratio Lower Upper

96 100

61 115.1 83.4 154.8

98 59.3 44.6 82.8



#25

Chloroform

Concen: 0.160 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV037986.D

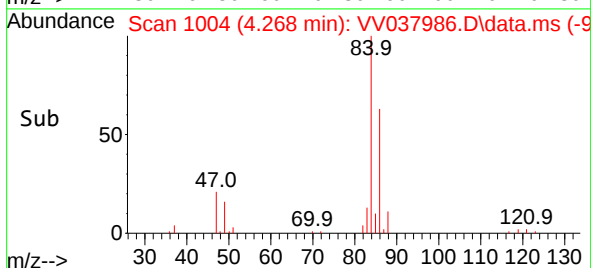
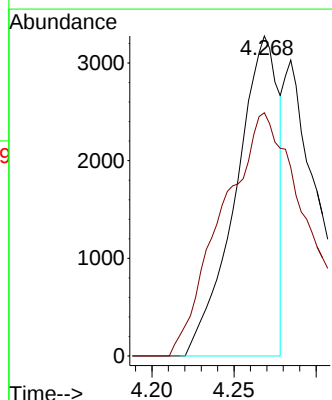
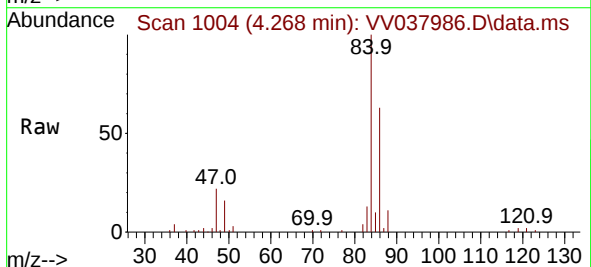
Acq: 08 Nov 2024 18:12

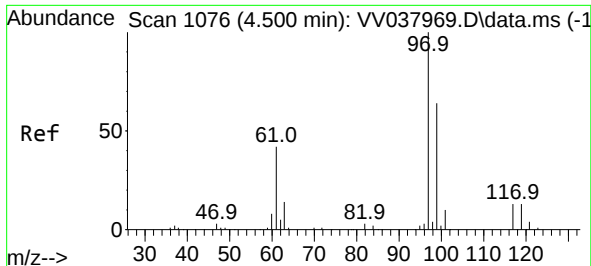
Tgt Ion: 83 Resp: 5937

Ion Ratio Lower Upper

83 100

85 76.0 45.5 84.5





#29

1,1,1-Trichloroethane

Concen: 0.816 ug/L

RT: 4.506 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Instrument :

MSVOA_V

ClientSampleId :

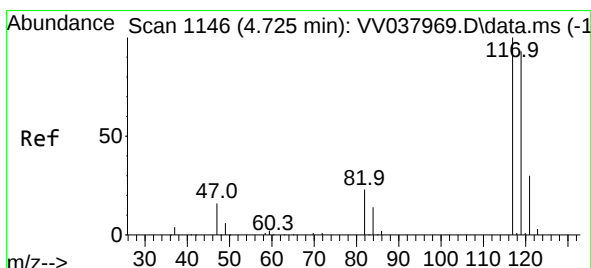
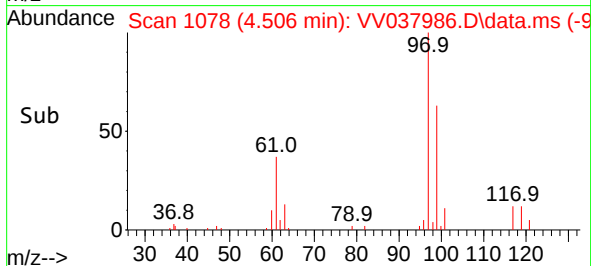
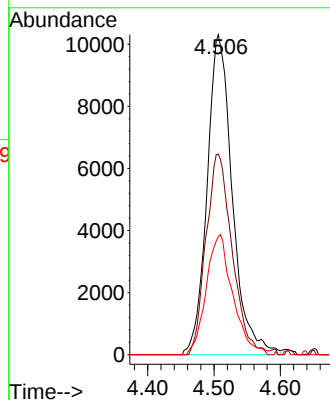
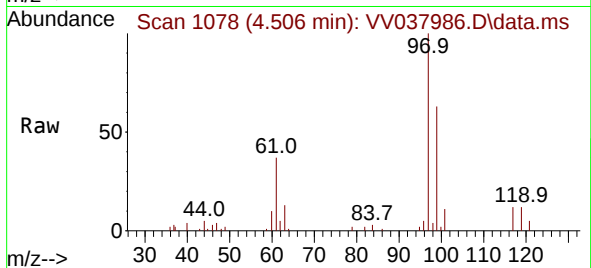
Tgt Ion: 97 Resp: 27294

Ion Ratio Lower Upper

97 100

99 64.8 52.1 78.1

61 39.3 33.3 49.9



#31

Carbon tetrachloride

Concen: 1.305 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV037986.D

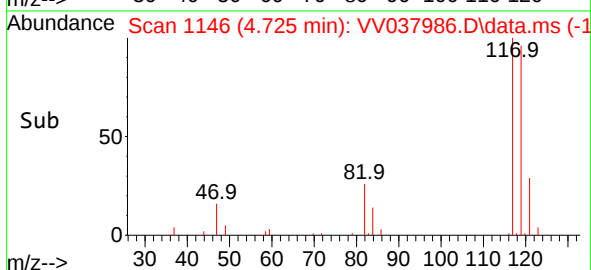
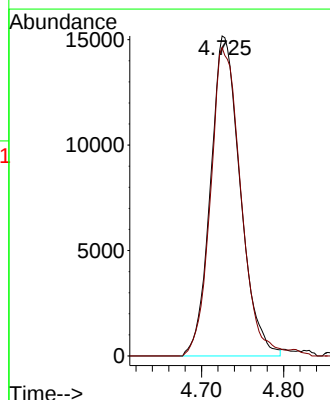
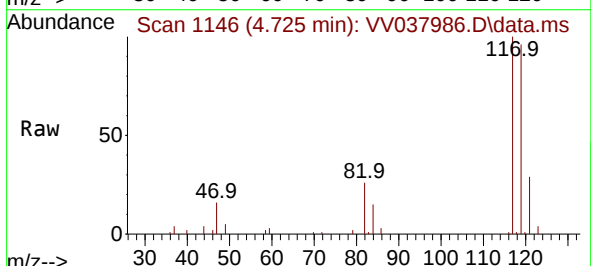
Acq: 08 Nov 2024 18:12

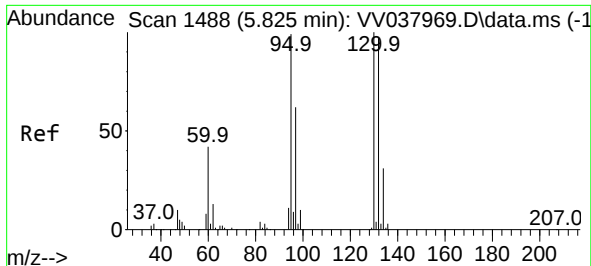
Tgt Ion: 117 Resp: 38297

Ion Ratio Lower Upper

117 100

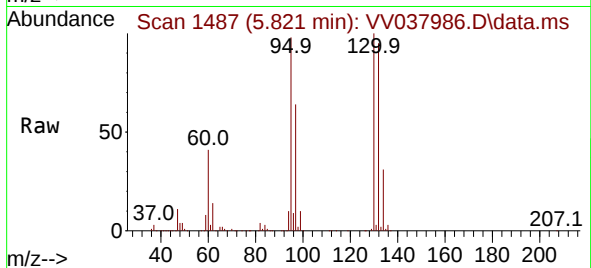
119 97.8 77.2 115.8





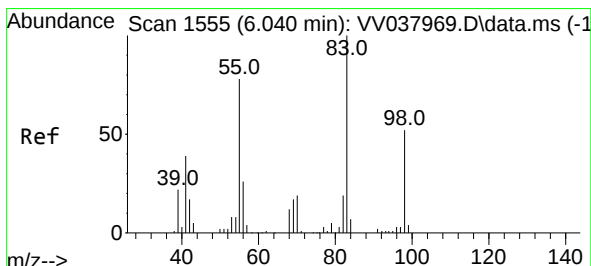
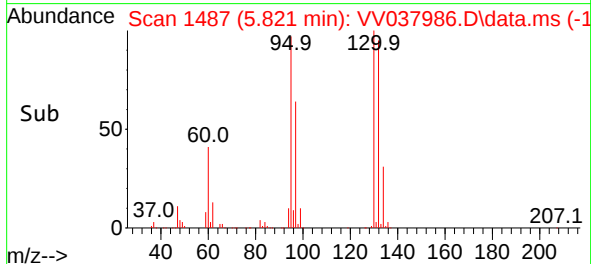
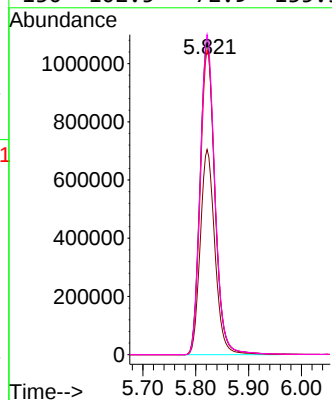
#34
Trichloroethene
Concen: 98.216 ug/L
RT: 5.821 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 2091399

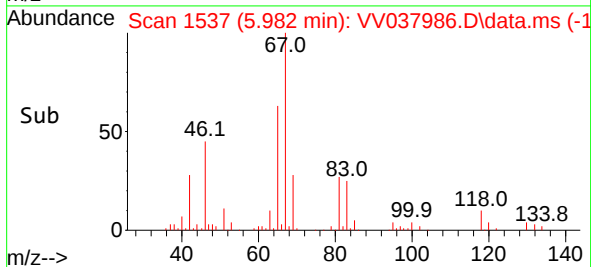
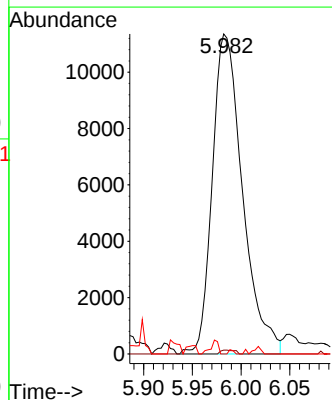
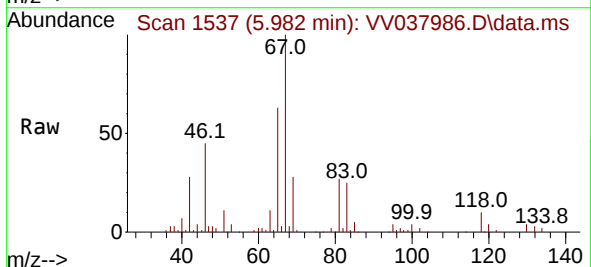
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.9	87.1
132	97.5	70.5	130.9
130	102.5	72.9	135.3

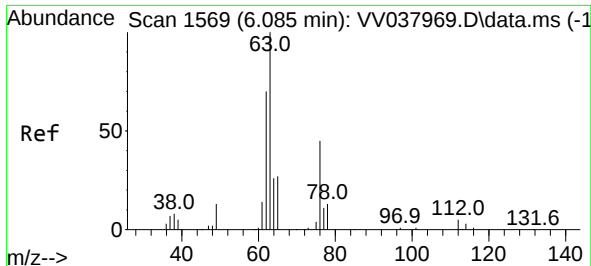


#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV037986.D
Acq: 08 Nov 2024 18:12

Tgt Ion: 83 Resp: 24489

Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.3	88.9#
98	0.0	38.3	57.5#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Instrument :

MSVOA_V

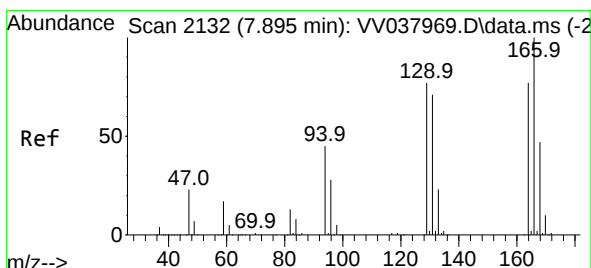
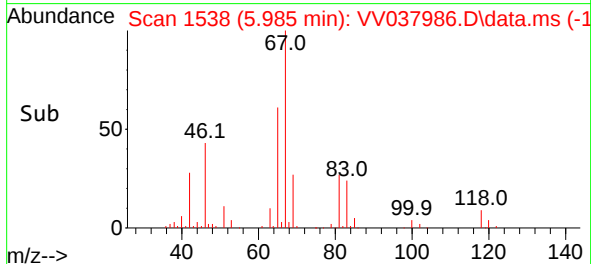
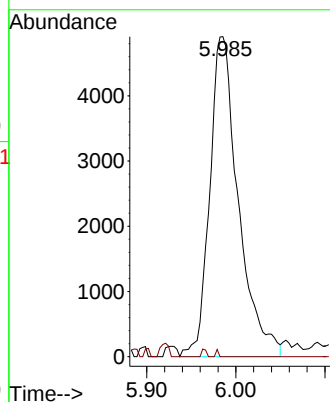
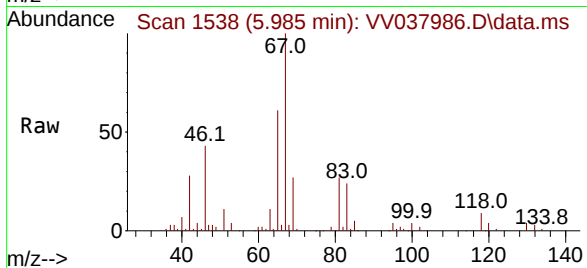
ClientSampleId :

Tgt Ion: 63 Resp: 10962

Ion Ratio Lower Upper

63 100

112 0.2 4.1 6.1#



#47

Tetrachloroethene

Concen: 3.081 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Tgt Ion:164 Resp: 50993

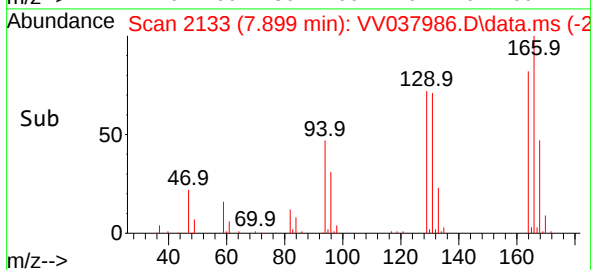
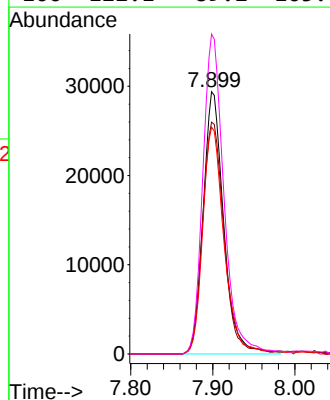
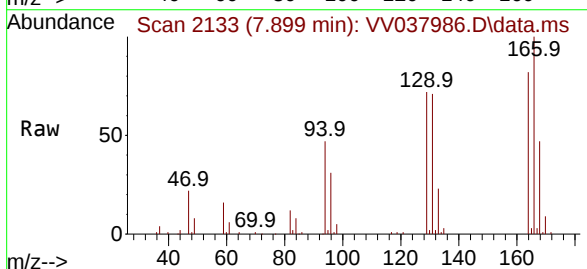
Ion Ratio Lower Upper

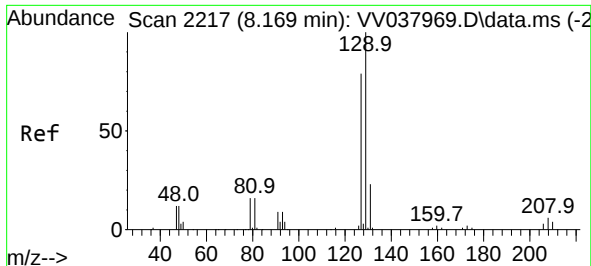
164 100

129 88.5 66.8 124.2

131 86.5 65.2 121.2

166 122.1 89.2 165.8





#49

Dibromochloromethane

Concen: 2.723 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Instrument :

MSVOA_V

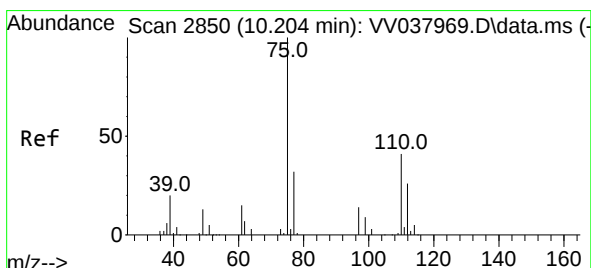
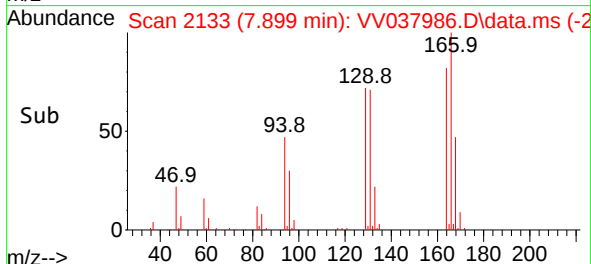
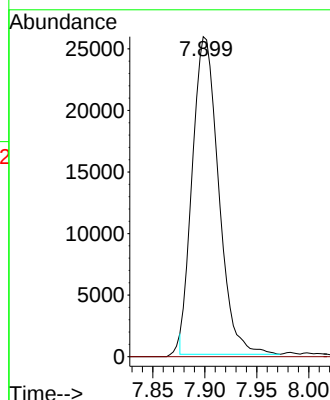
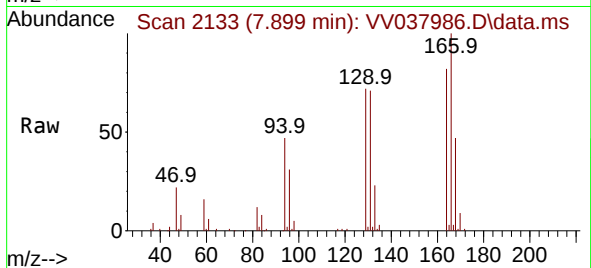
ClientSampleId :

Tgt Ion:129 Resp: 45280

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.545 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037986.D

Acq: 08 Nov 2024 18:12

Tgt Ion: 75 Resp: 15381

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

110 1.9 33.5 50.3#

