

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112624\
 Data File : VW038374.D
 Acq On : 26 Nov 2024 19:07
 Operator : SY/MD
 Sample : P4930-03DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

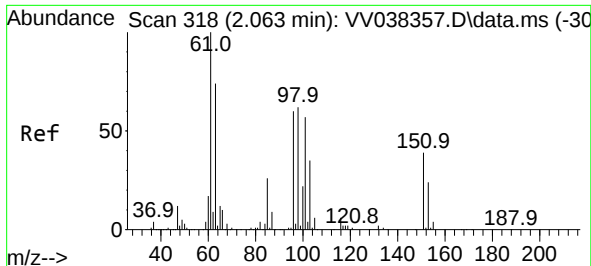
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	160660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	179098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	73211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41247	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.523	69	44940	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.050	65	20701	3.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.777	46	180642	73.329	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.660%#
24) Chloroform-d	4.243	84	120086	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.937	65	66957	6.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.800%
32) Benzene-d6	4.953	84	195891	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.982	67	72629	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.239	98	136705	3.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.558	79	24038	4.539	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.017	63	129733	63.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74842	6.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	11.554	152	60214	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2305	0.191	ug/L #	82
12) 1,1-Dichloroethene	2.063	96	10600	0.924	ug/L #	7
16) Methylene chloride	2.442	84	8180	0.625	ug/L	93
19) 1,1-Dichloroethane	3.114	63	3902	0.178	ug/L	90
22) cis-1,2-Dichloroethene	3.809	96	16021	1.282	ug/L	97
25) Chloroform	4.262	83	4319	0.184	ug/L	92
29) 1,1,1-Trichloroethane	4.510	97	6700	0.312	ug/L	94
34) Trichloroethene	5.828	95	69812	5.091	ug/L	98
35) Methylcyclohexane	5.985	83	18000	0.928	ug/L #	19
47) Tetrachloroethene	7.902	164	24964	2.265	ug/L	96
49) Dibromochloromethane	7.902	129	23767	2.133	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	8598	1.372	ug/L #	66

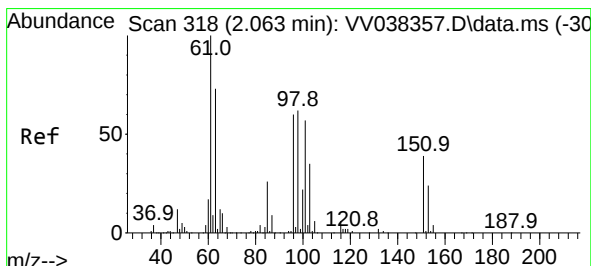
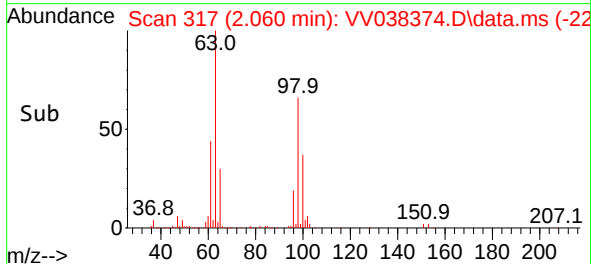
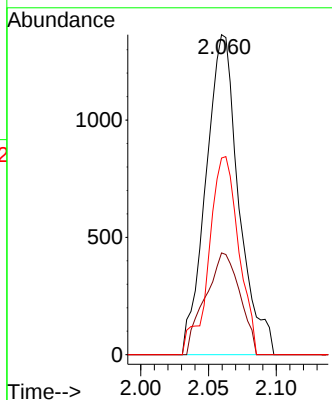
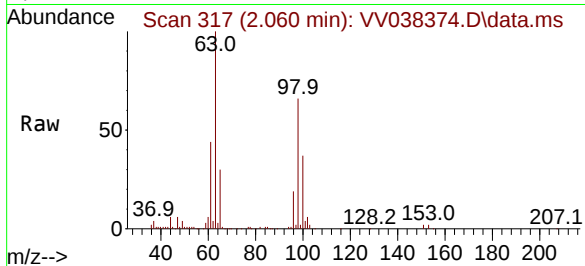
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.191 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038374.D
 Acq: 26 Nov 2024 19:07

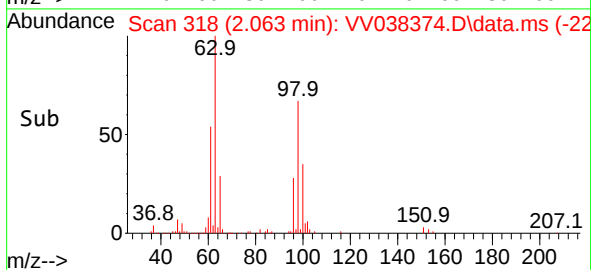
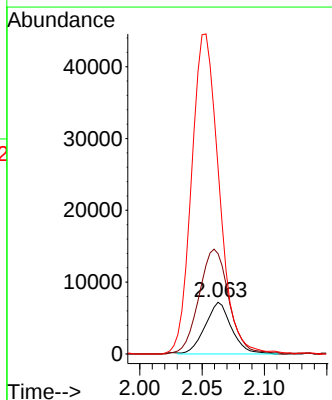
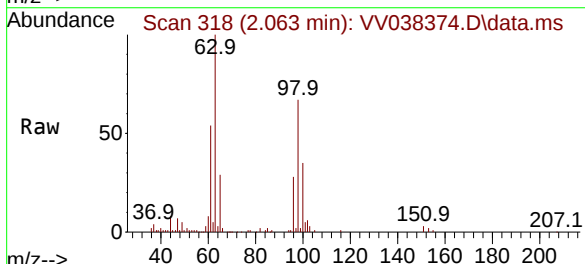
Instrument :
 MSVOA_V
 ClientSampleId :

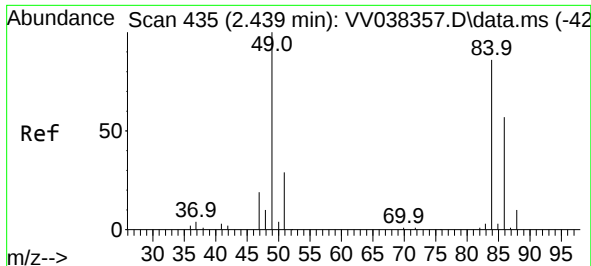
Tgt Ion:101 Resp: 2305
 Ion Ratio Lower Upper
 101 100
 85 33.3 33.4 50.0#
 151 55.8 58.8 88.2#



#12
 1,1-Dichloroethene
 Concen: 0.924 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038374.D
 Acq: 26 Nov 2024 19:07

Tgt Ion: 96 Resp: 10600
 Ion Ratio Lower Upper
 96 100
 61 194.3 115.7 214.9
 63 361.1 101.1 187.7#

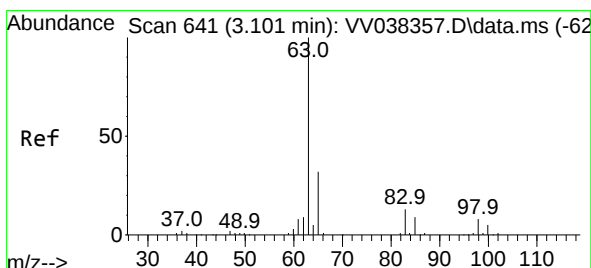
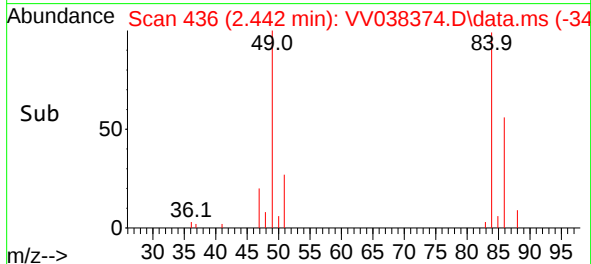
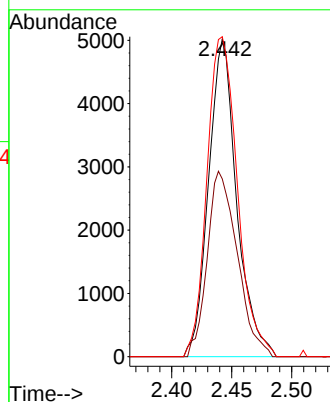
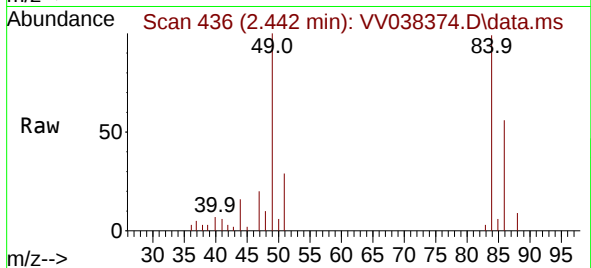




#16
Methylene chloride
Concen: 0.625 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

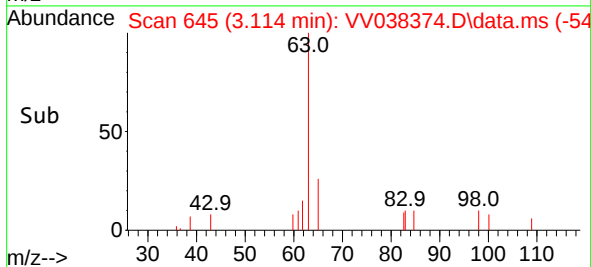
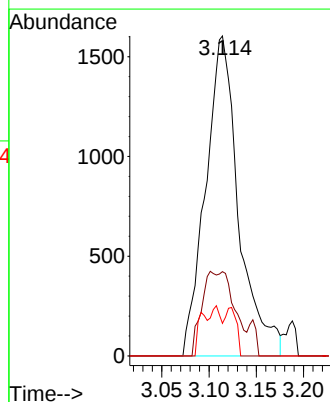
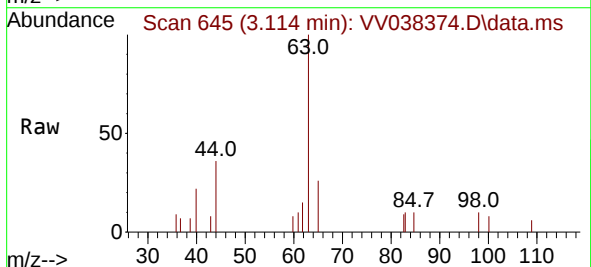
Instrument :
MSVOA_V
ClientSampleId :

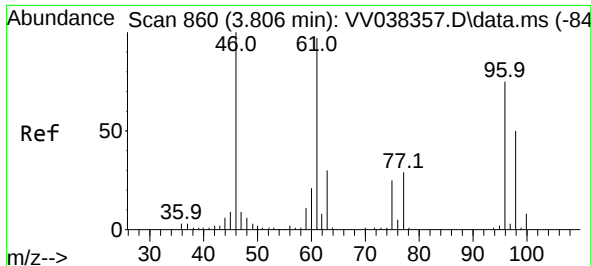
Tgt Ion: 84 Resp: 8180
Ion Ratio Lower Upper
84 100
86 55.9 44.2 82.2
49 100.7 74.9 139.1



#19
1,1-Dichloroethane
Concen: 0.178 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.013 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

Tgt Ion: 63 Resp: 3902
Ion Ratio Lower Upper
63 100
65 26.4 22.5 41.7
83 10.2 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.282 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

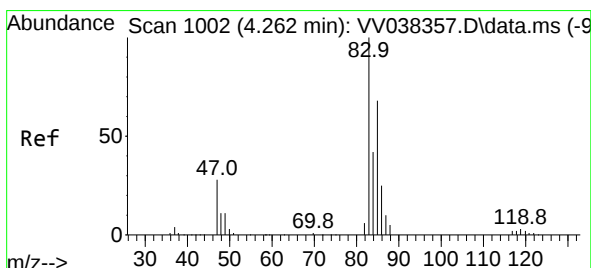
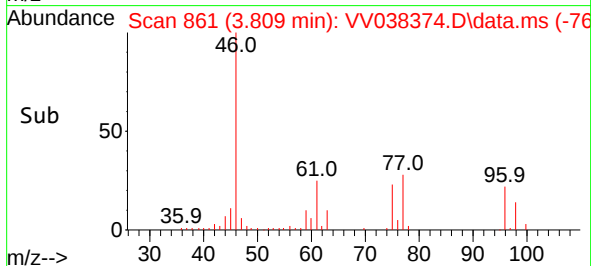
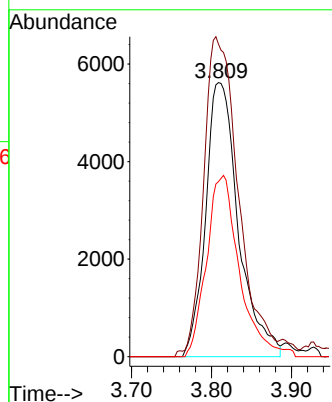
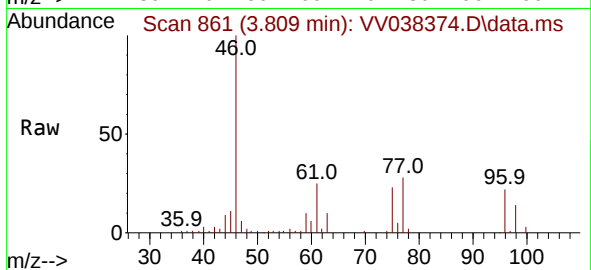
Tgt Ion: 96 Resp: 16021

Ion Ratio Lower Upper

96 100

61 114.0 82.7 153.5

98 63.9 46.3 85.9



#25

Chloroform

Concen: 0.184 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VV038374.D

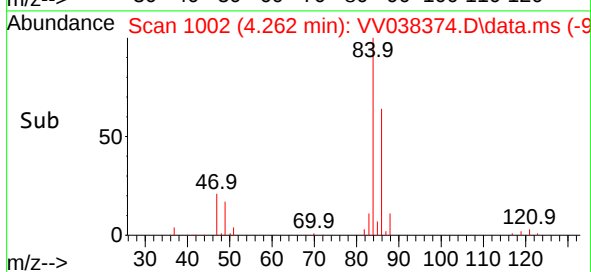
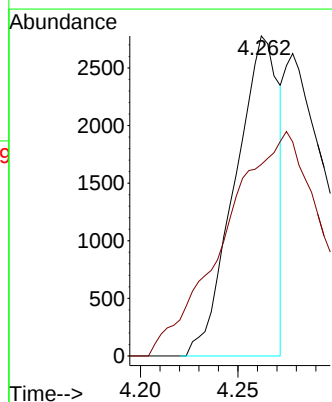
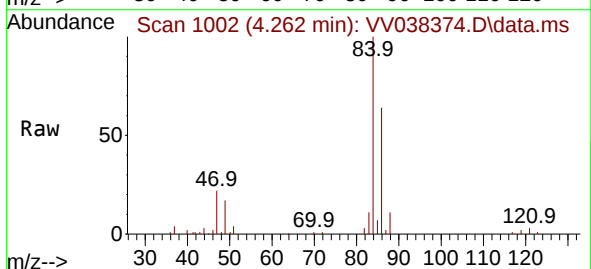
Acq: 26 Nov 2024 19:07

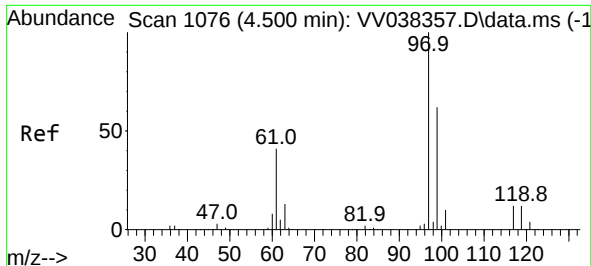
Tgt Ion: 83 Resp: 4319

Ion Ratio Lower Upper

83 100

85 59.8 46.5 86.3





#29

1,1,1-Trichloroethane

Concen: 0.312 ug/L

RT: 4.510 min Scan# 1076

Delta R.T. 0.009 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

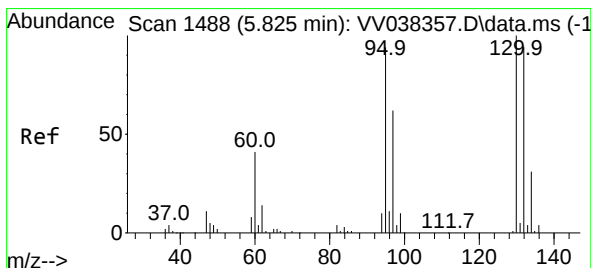
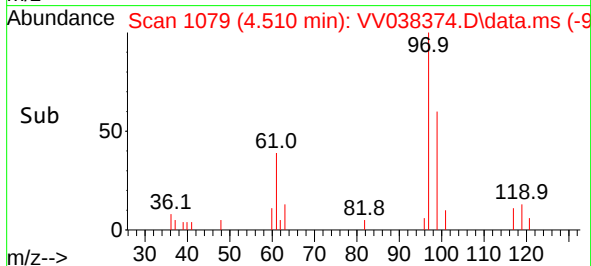
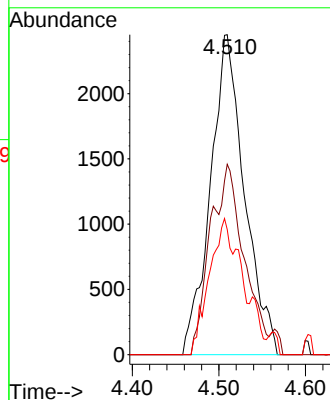
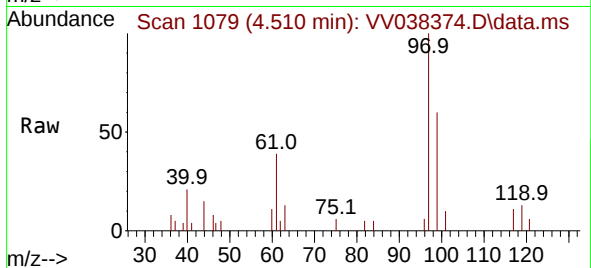
Tgt Ion: 97 Resp: 6700

Ion Ratio Lower Upper

97 100

99 59.1 51.8 77.8

61 37.9 32.2 48.2



#34

Trichloroethene

Concen: 5.091 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Tgt Ion: 95 Resp: 69812

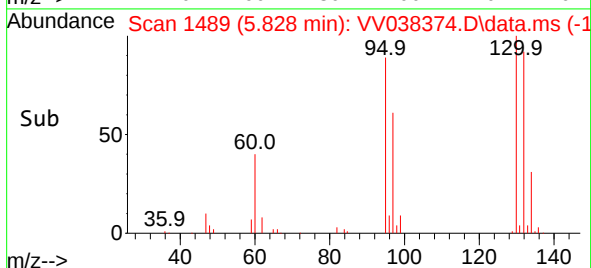
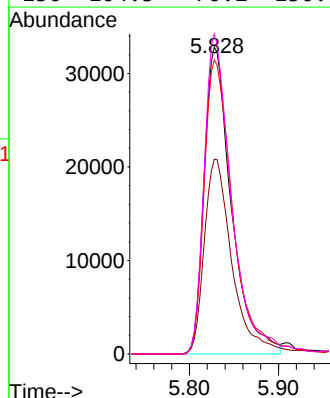
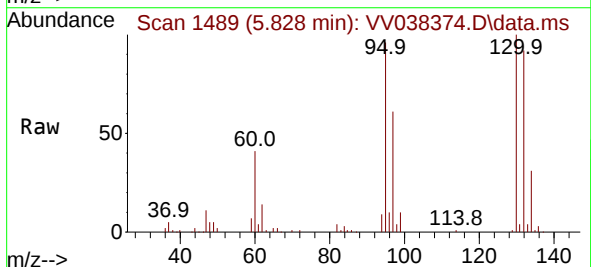
Ion Ratio Lower Upper

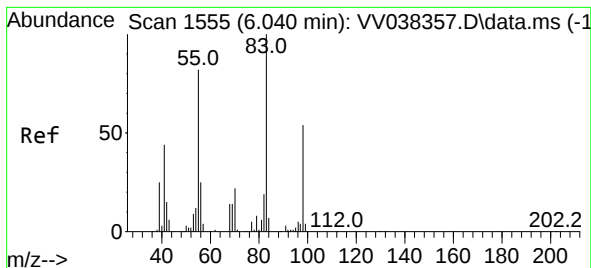
95 100

97 63.5 44.8 83.2

132 95.9 68.3 126.8

130 104.3 70.2 130.4





#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV038374.D

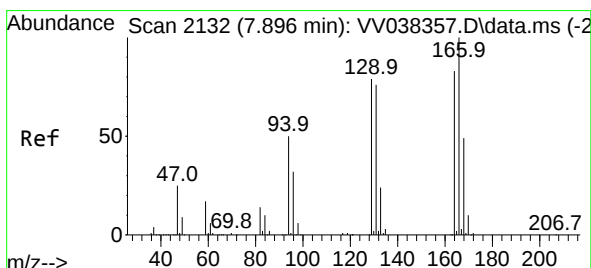
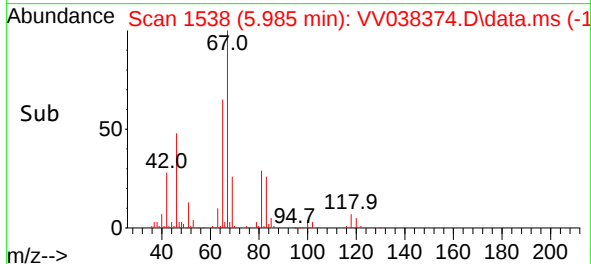
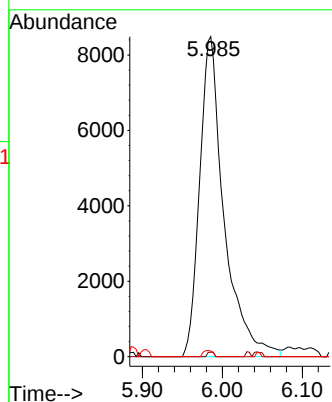
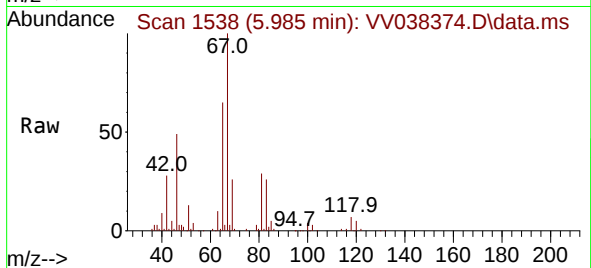
Acq: 26 Nov 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 18000
Ion Ratio	Lower Upper
83 100	
55 0.4	59.7 89.5#
98 0.8	39.0 58.4#



#47

Tetrachloroethene

Concen: 2.265 ug/L

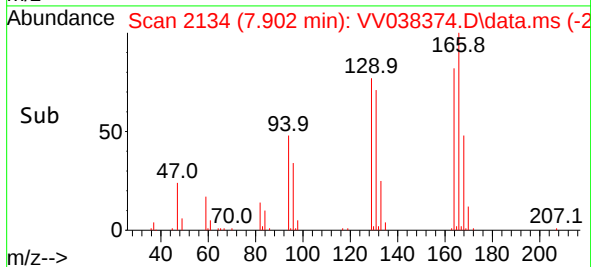
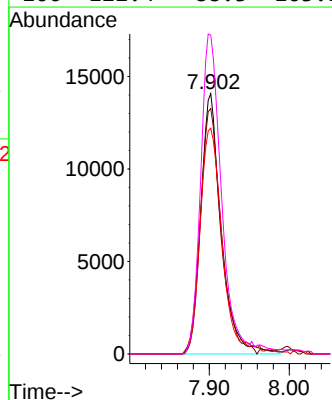
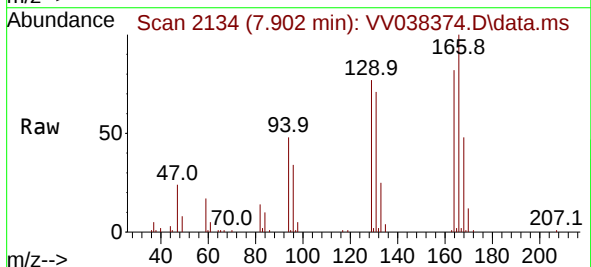
RT: 7.902 min Scan# 2134

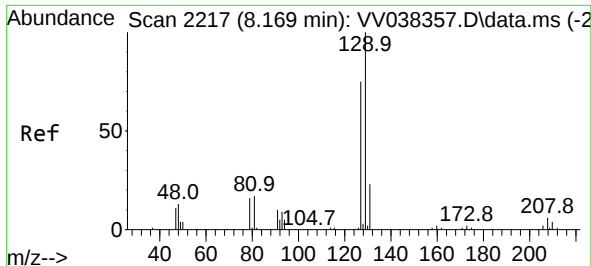
Delta R.T. 0.006 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Tgt Ion: 164	Resp: 24964
Ion Ratio	Lower Upper
164 100	
129 94.2	68.5 127.1
131 86.7	64.8 120.4
166 122.4	88.3 163.9





#49

Dibromochloromethane

Concen: 2.133 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.267 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Instrument :

MSVOA_V

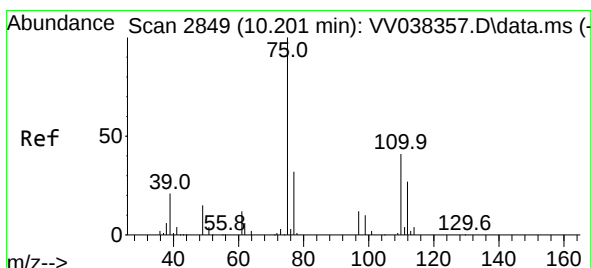
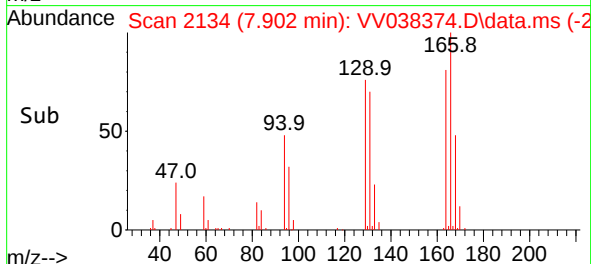
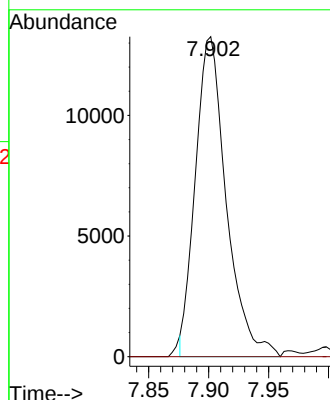
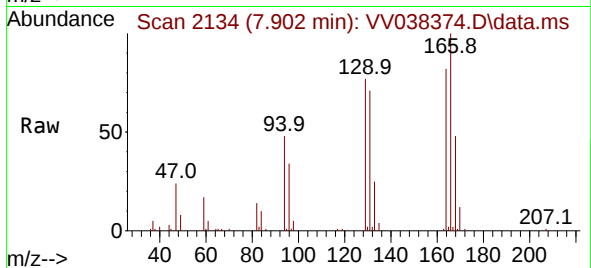
ClientSampleId :

Tgt Ion:129 Resp: 23767

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.372 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.977 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Tgt Ion: 75 Resp: 8598

Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6

110 2.7 32.3 48.5#

