

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038349.D
 Acq On : 25 Nov 2024 17:41
 Operator : SY/MD
 Sample : P4930-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

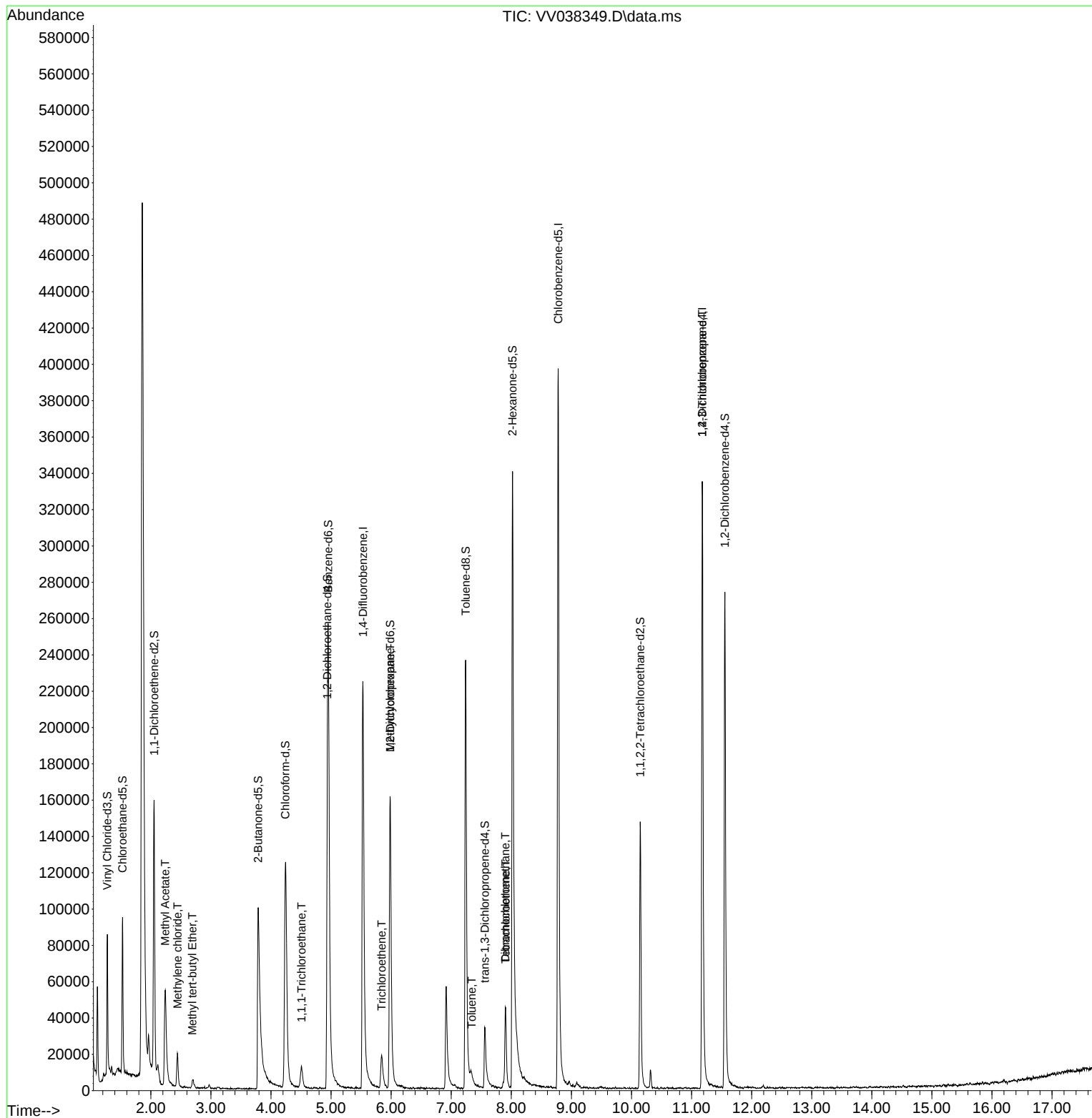
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	212644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	239469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50536	3.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.529	69	53764	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.053	65	24359	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.786	46	176507	54.135	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.260%
24) Chloroform-d	4.240	84	143096	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	74246	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.953	84	235199	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.982	67	83654	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.240	98	173354	3.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.558	79	25823	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.018	63	124587	45.265	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74495	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	76706	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.240	43	19297	3.295	ug/L #	47
16) Methylene chloride	2.442	84	7669	0.443	ug/L	91
17) Methyl tert-butyl Ether	2.693	73	4211	0.123	ug/L #	85
29) 1,1,1-Trichloroethane	4.510	97	10147	0.353	ug/L	95
34) Trichloroethene	5.841	95	6840	0.373	ug/L	94
35) Methylcyclohexane	5.982	83	20605	0.794	ug/L #	22
42) Toluene	7.339	91	6697	0.094	ug/L	92
47) Tetrachloroethene	7.905	164	10716	0.727	ug/L	97
49) Dibromochloromethane	7.902	129	9711	0.652	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	12161	1.460	ug/L #	65

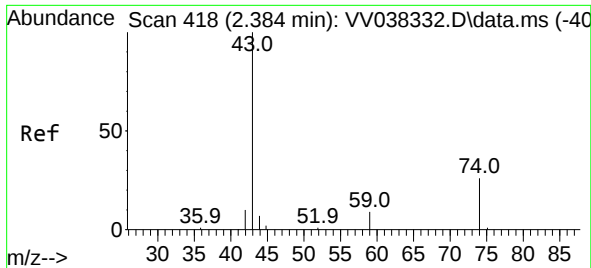
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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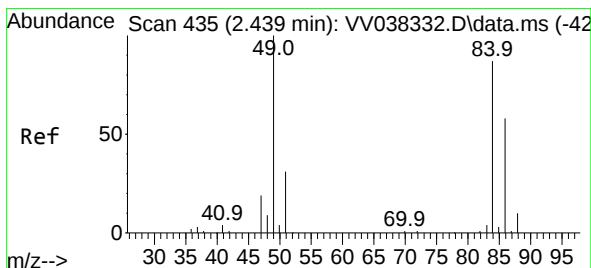
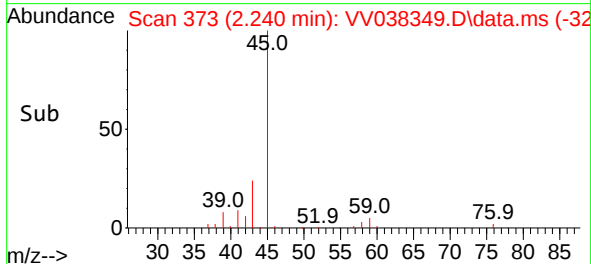
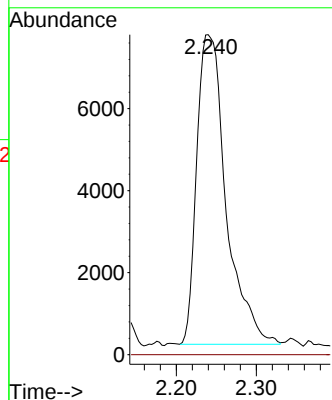
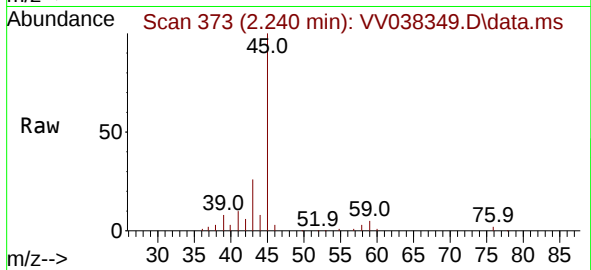




#15
Methyl Acetate
Concen: 3.295 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.145 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

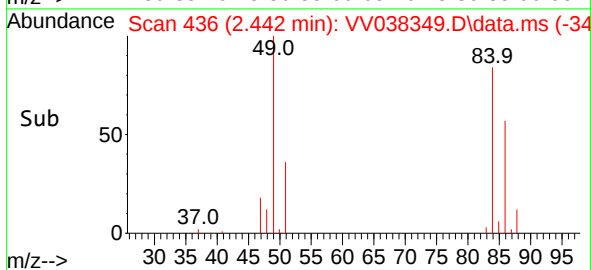
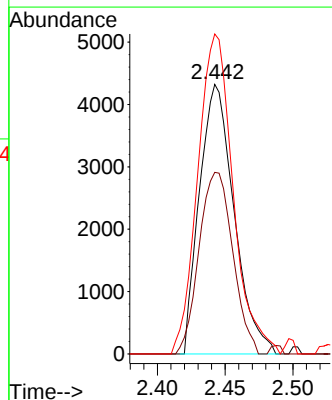
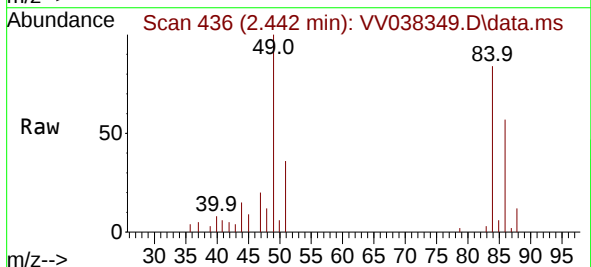
Instrument :
MSVOA_V
ClientSampleId :

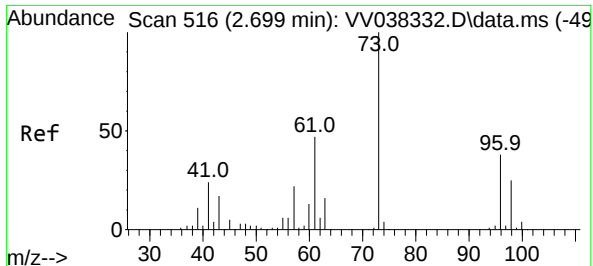
Tgt Ion: 43 Resp: 19297
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 0.443 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 84 Resp: 7669
Ion Ratio Lower Upper
84 100
86 67.4 44.2 82.2
49 118.7 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.123 ug/L

RT: 2.693 min Scan# 516

Delta R.T. -0.006 min

Lab File: VV038349.D

Acq: 25 Nov 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

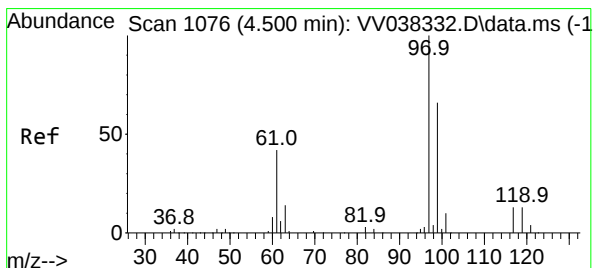
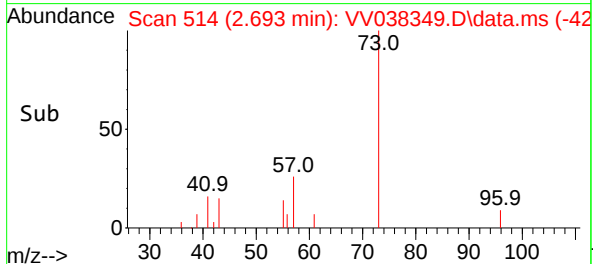
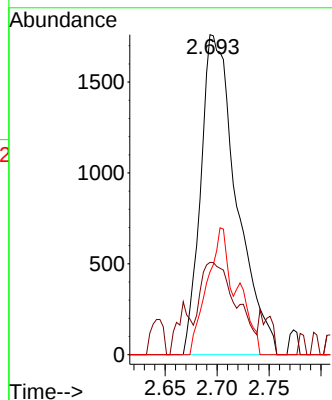
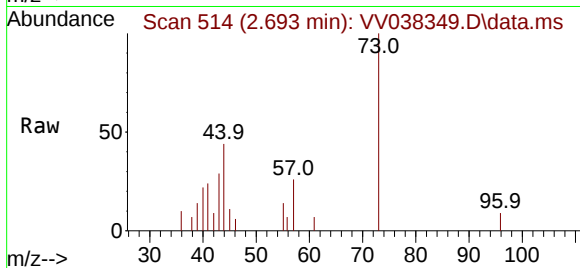
Tgt Ion: 73 Resp: 4211

Ion Ratio Lower Upper

73 100

43 29.4 14.2 21.2#

57 24.5 17.6 26.4



#29

1,1,1-Trichloroethane

Concen: 0.353 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VV038349.D

Acq: 25 Nov 2024 17:41

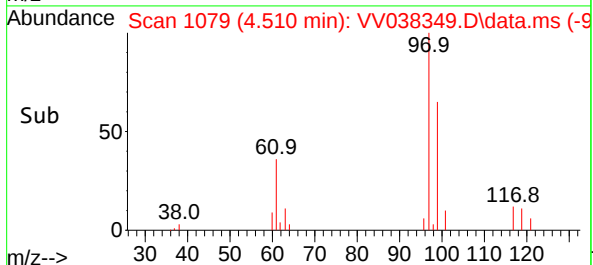
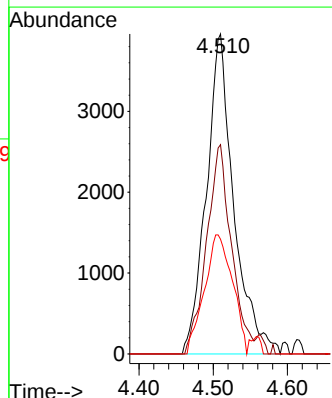
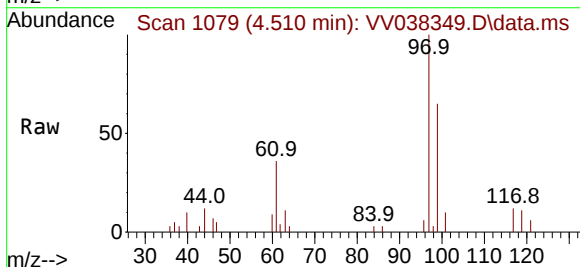
Tgt Ion: 97 Resp: 10147

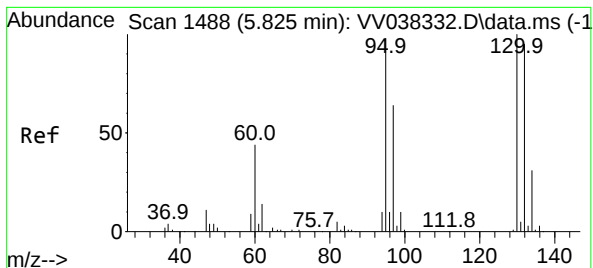
Ion Ratio Lower Upper

97 100

99 59.4 51.8 77.8

61 38.1 32.2 48.2





#34

Trichloroethene

Concen: 0.373 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.016 min

Lab File: VV038349.D

Acq: 25 Nov 2024 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6840

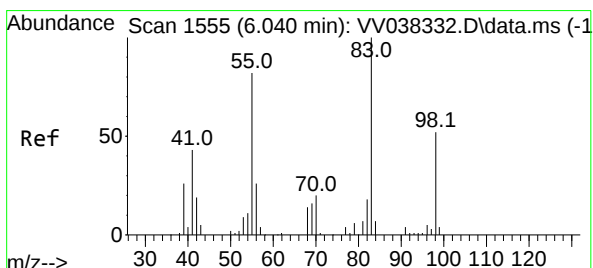
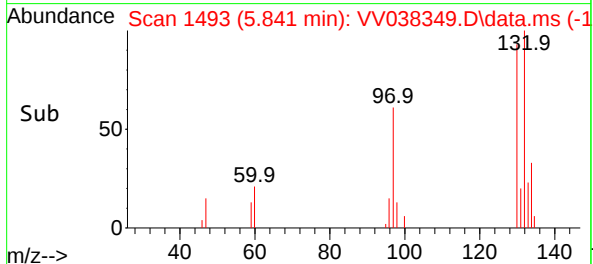
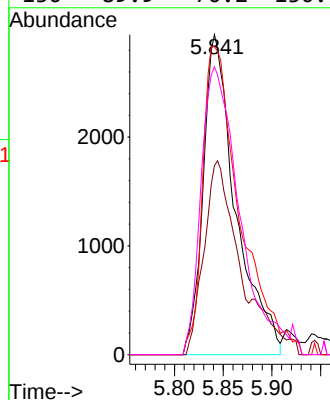
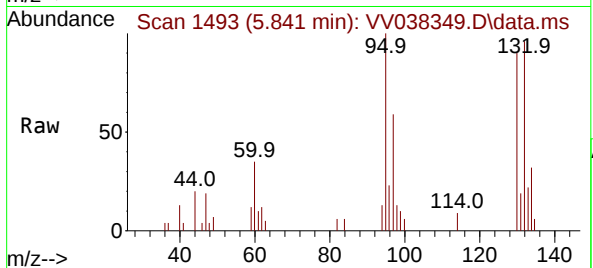
Ion Ratio Lower Upper

95 100

97 59.0 44.8 83.2

132 96.2 68.3 126.8

130 89.9 70.2 130.4



#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038349.D

Acq: 25 Nov 2024 17:41

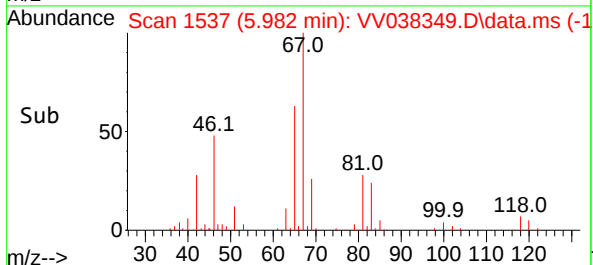
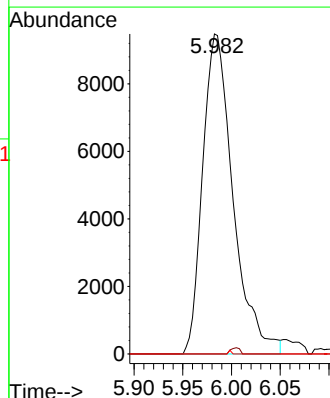
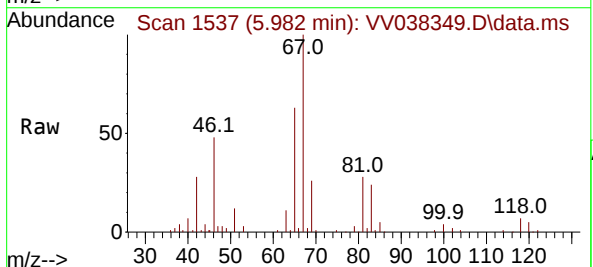
Tgt Ion: 83 Resp: 20605

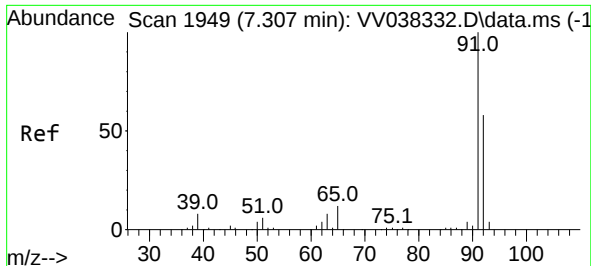
Ion Ratio Lower Upper

83 100

55 0.6 59.7 89.5#

98 6.0 39.0 58.4#

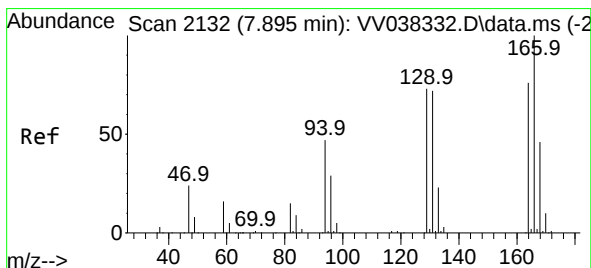
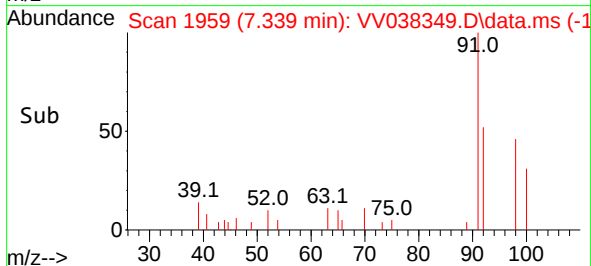
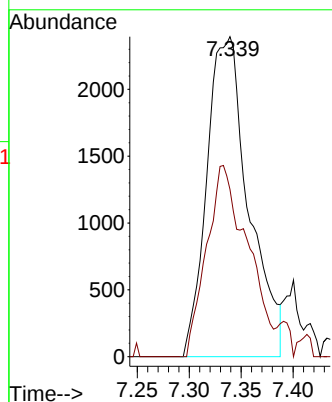
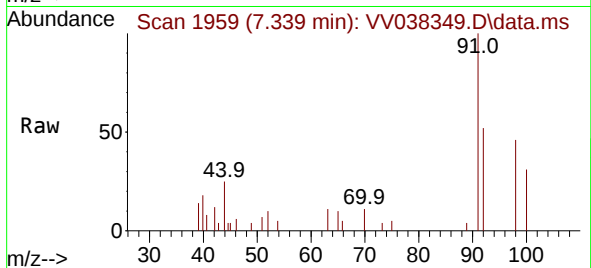




#42
Toluene
Concen: 0.094 ug/L
RT: 7.339 min Scan# 1949
Delta R.T. 0.032 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

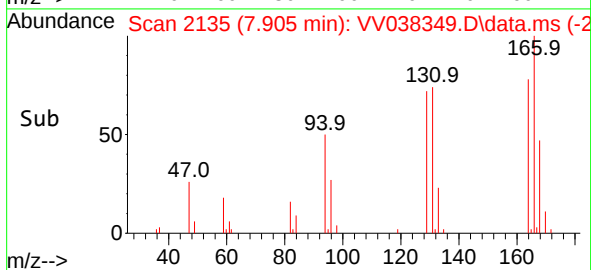
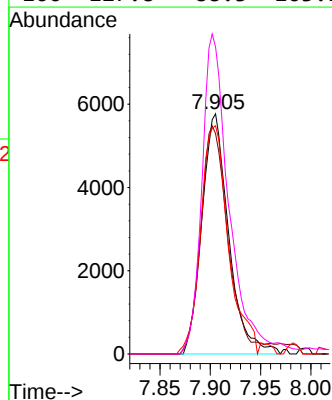
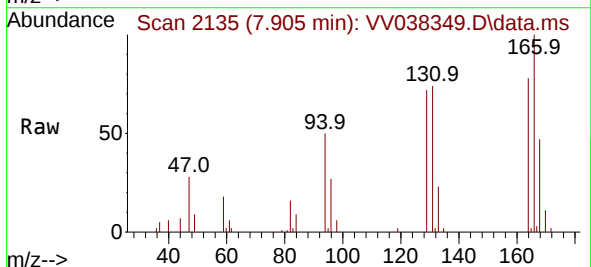
Instrument :
MSVOA_V
ClientSampleId :

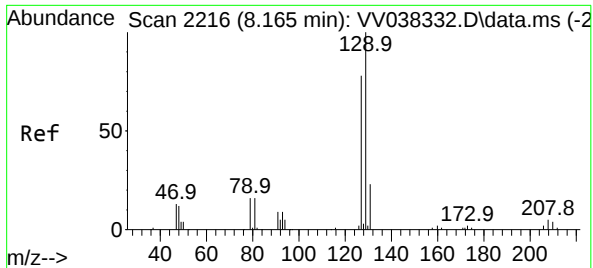
Tgt Ion: 91 Resp: 6697
Ion Ratio Lower Upper
91 100
92 52.3 40.8 75.8



#47
Tetrachloroethene
Concen: 0.727 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 164 Resp: 10716
Ion Ratio Lower Upper
164 100
129 91.7 68.5 127.1
131 95.0 64.8 120.4
166 127.8 88.3 163.9

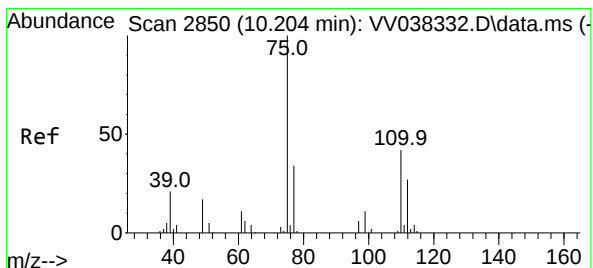
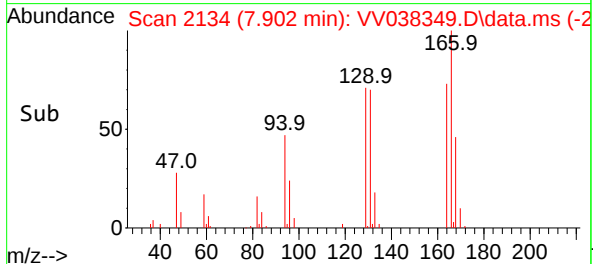
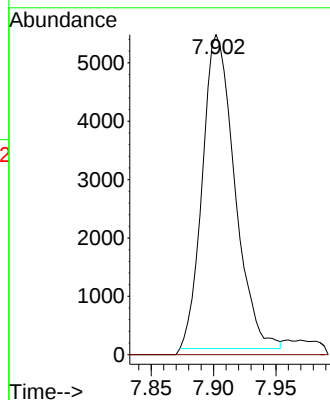
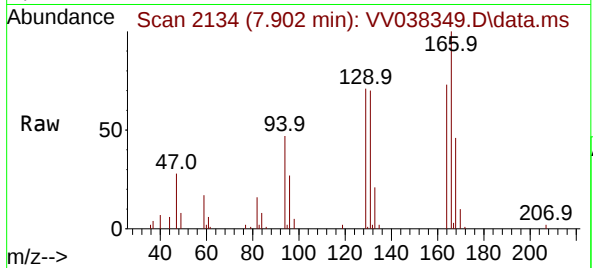




#49
Dibromochloromethane
Concen: 0.652 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.264 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 9711
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#61
1,2,3-Trichloropropane
Concen: 1.460 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 75 Resp: 12161
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 2.0 32.3 48.5#

