

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038292.D
 Acq On : 23 Nov 2024 01:08
 Operator : SY/MD
 Sample : P4930-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 02:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

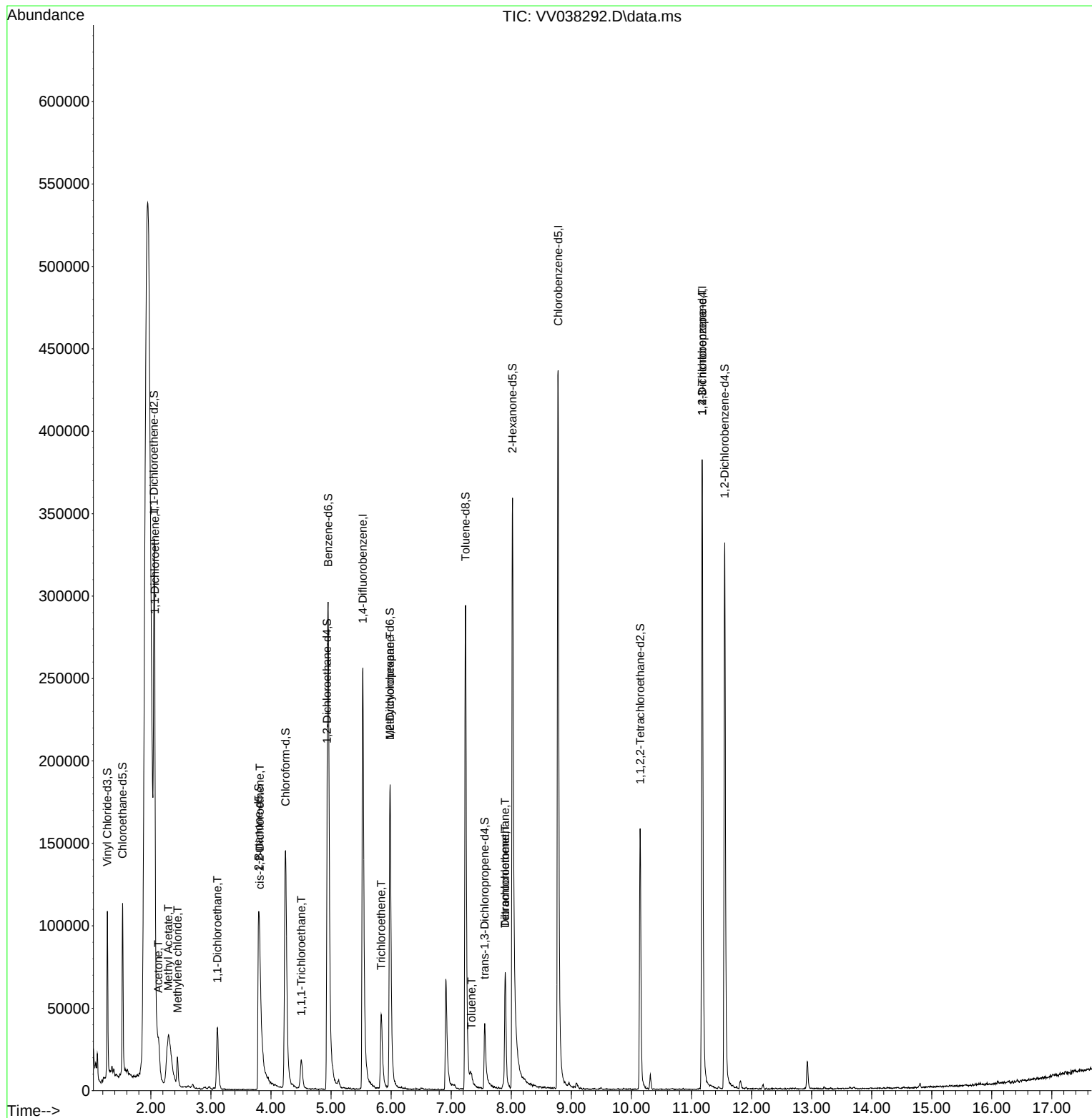
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	248554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	113161	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64270	3.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.529	69	66857	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.053	65	30660	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.793	46	180166	47.274	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.540%
24) Chloroform-d	4.243	84	167252	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.934	65	80542	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.953	84	287828	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	96198	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.240	98	220594	3.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.558	79	30254	3.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.021	63	138602	46.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81550	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	97124	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	30966	1.744	ug/L #	77
13) Acetone	2.124	43	19722	6.997	ug/L	88
15) Methyl Acetate	2.291	43	23196	3.389	ug/L #	47
16) Methylene chloride	2.442	84	6777	0.335	ug/L	95
19) 1,1-Dichloroethane	3.108	63	39772	1.172	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	11095	0.574	ug/L	94
29) 1,1,1-Trichloroethane	4.507	97	15768	0.506	ug/L	95
34) Trichloroethene	5.834	95	19118	0.961	ug/L	96
35) Methylcyclohexane	5.982	83	24371	0.866	ug/L #	19
42) Toluene	7.339	91	6805	0.088	ug/L	96
47) Tetrachloroethene	7.899	164	17226	1.077	ug/L	98
49) Dibromochloromethane	7.899	129	16716	1.034	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	13089	1.351	ug/L #	65

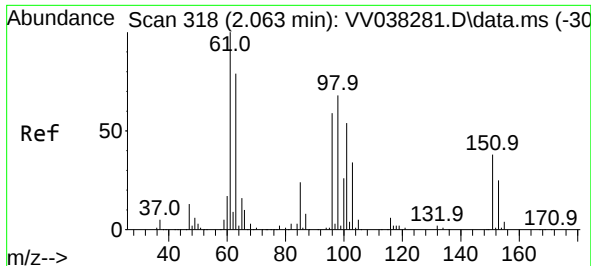
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.744 ug/L

RT: 2.066 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038292.D

Acq: 23 Nov 2024 01:08

Instrument :

MSVOA_V

ClientSampleId :

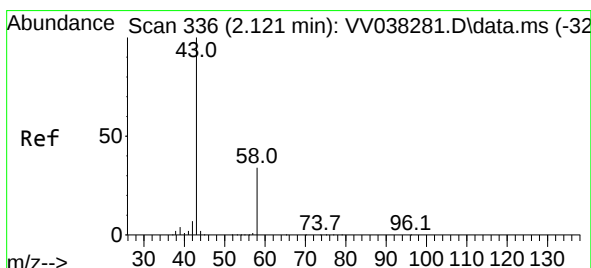
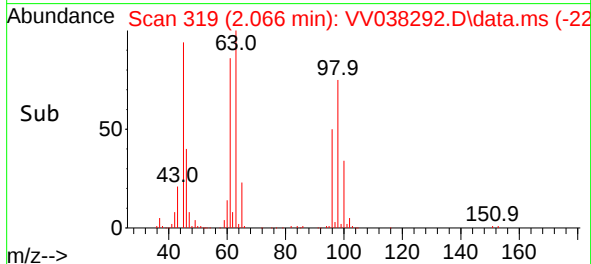
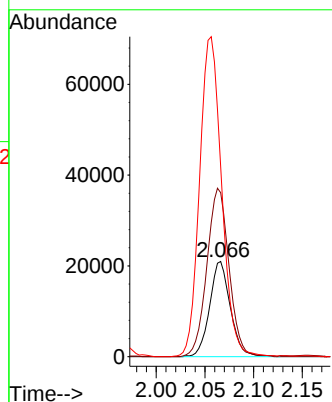
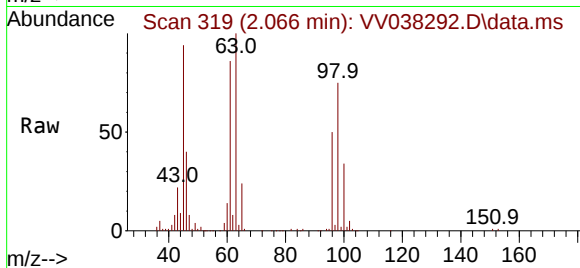
Tgt Ion: 96 Resp: 30966

Ion Ratio Lower Upper

96 100

61 172.2 115.7 214.9

63 199.5 101.1 187.7#



#13

Acetone

Concen: 6.997 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.003 min

Lab File: VV038292.D

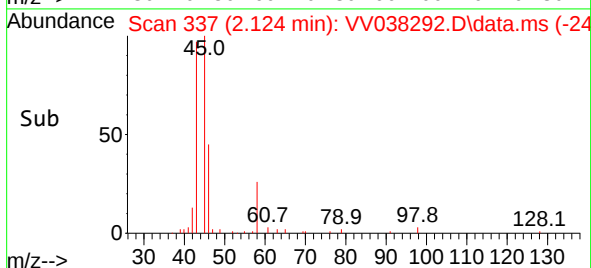
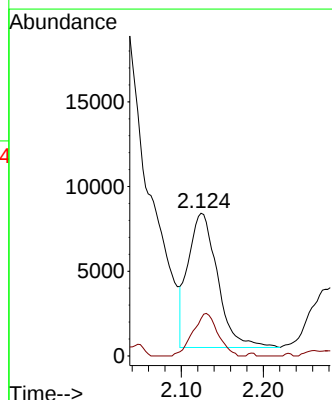
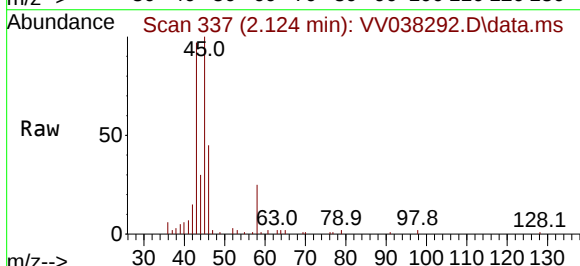
Acq: 23 Nov 2024 01:08

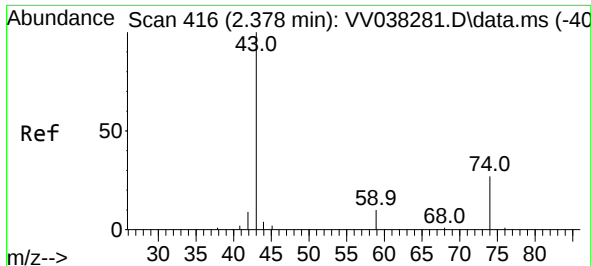
Tgt Ion: 43 Resp: 19722

Ion Ratio Lower Upper

43 100

58 27.0 0.0 67.2

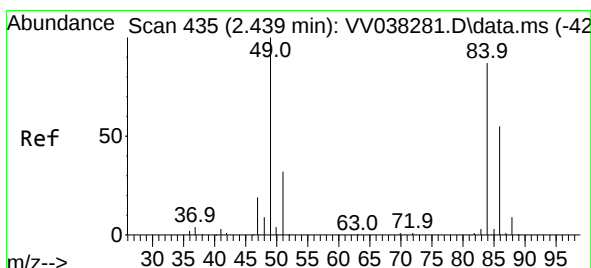
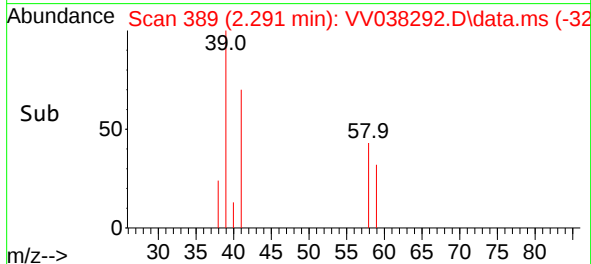
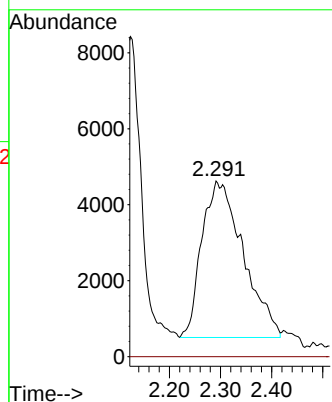
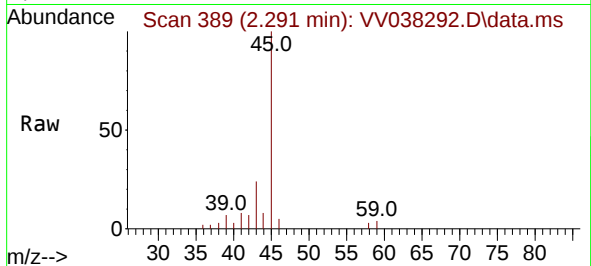




#15
Methyl Acetate
Concen: 3.389 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.087 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

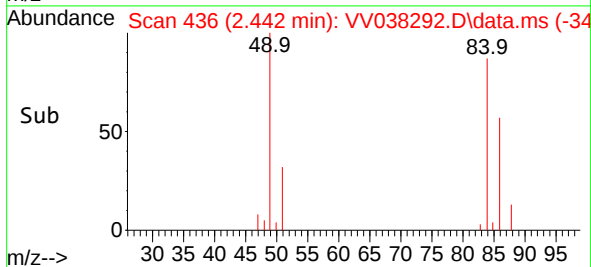
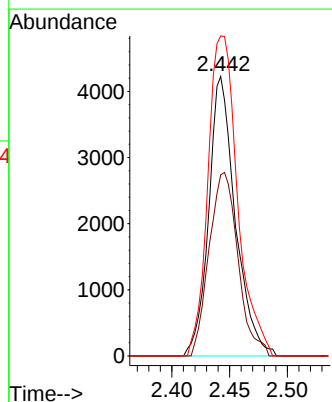
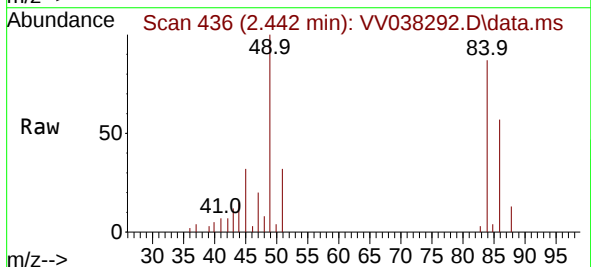
Instrument :
MSVOA_V
ClientSampleId :

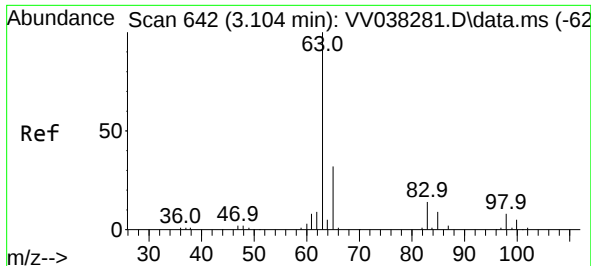
Tgt Ion: 43 Resp: 23196
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 0.335 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

Tgt Ion: 84 Resp: 6777
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.2
49 114.5 74.9 139.1





#19

1,1-Dichloroethane

Concen: 1.172 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038292.D

Acq: 23 Nov 2024 01:08

Instrument :

MSVOA_V

ClientSampleId :

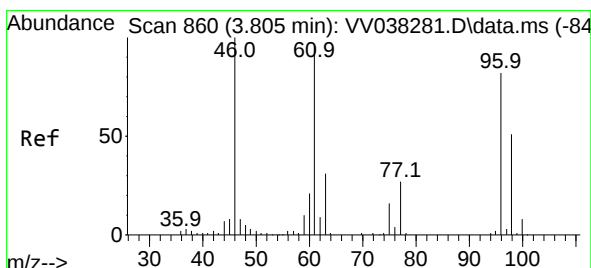
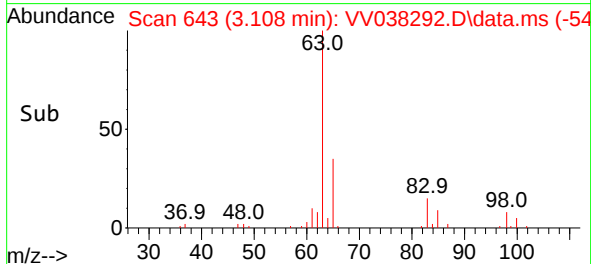
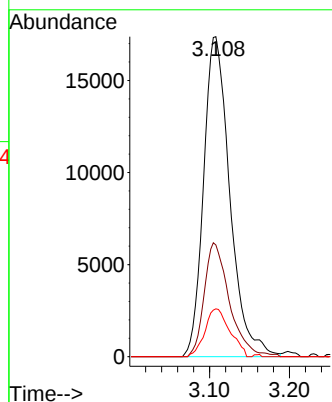
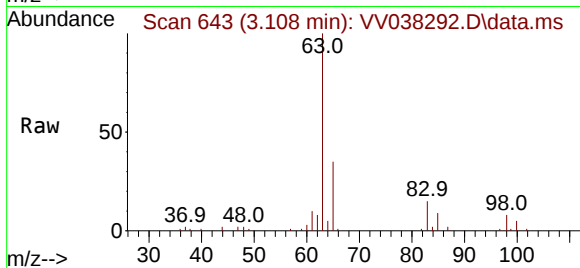
Tgt Ion: 63 Resp: 39772

Ion Ratio Lower Upper

63 100

65 34.9 22.5 41.7

83 14.9 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.574 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.007 min

Lab File: VV038292.D

Acq: 23 Nov 2024 01:08

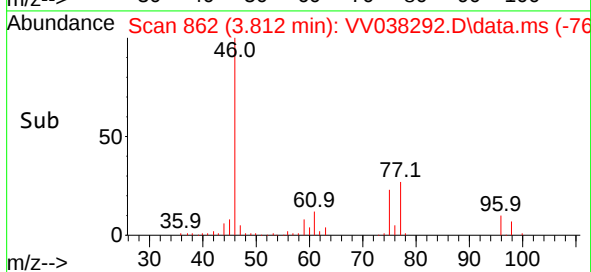
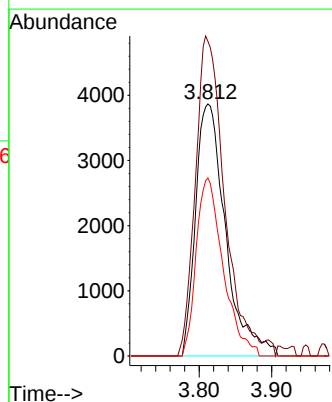
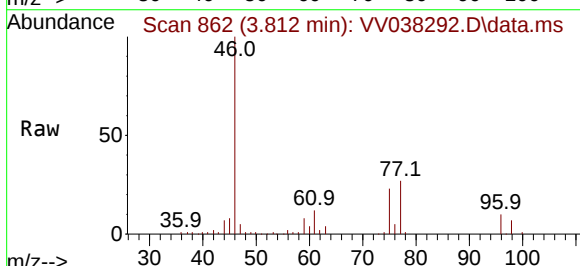
Tgt Ion: 96 Resp: 11095

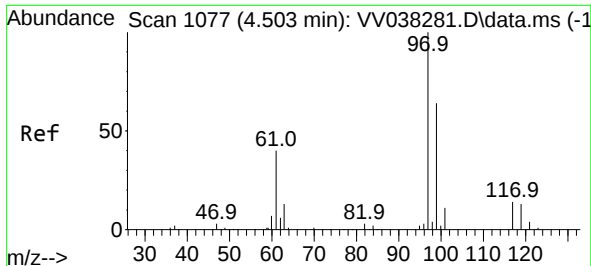
Ion Ratio Lower Upper

96 100

61 124.9 82.7 153.5

98 70.6 46.3 85.9

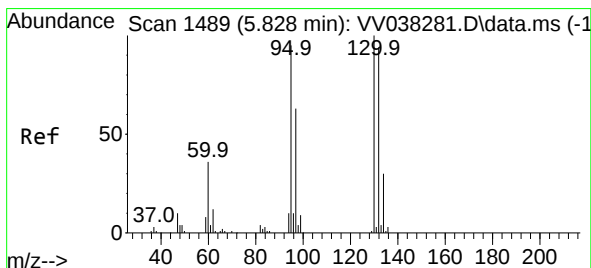
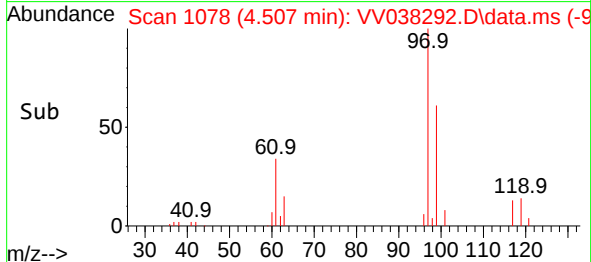
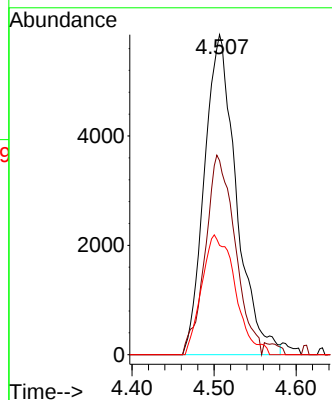
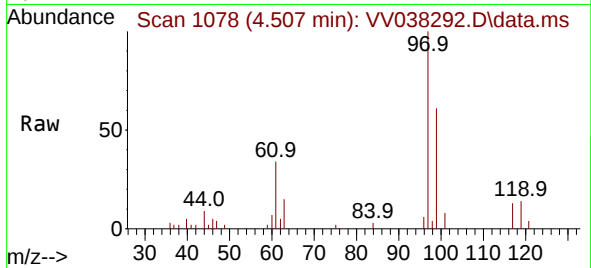




#29
1,1,1-Trichloroethane
Concen: 0.506 ug/L
RT: 4.507 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

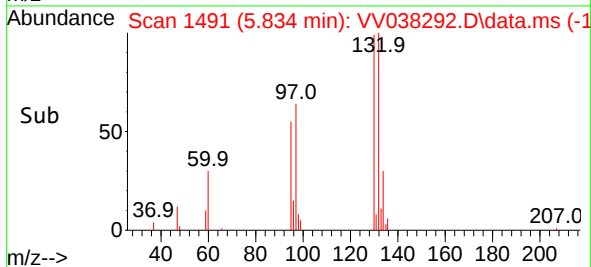
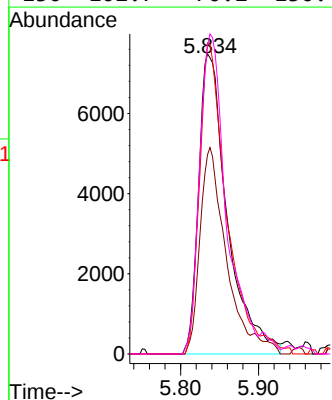
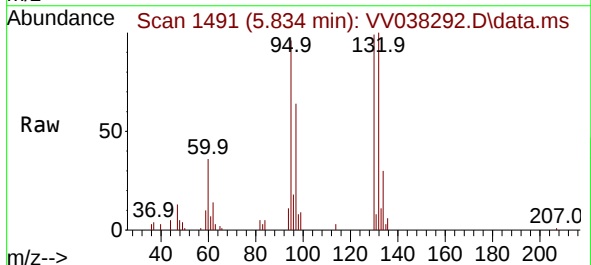
Instrument :
MSVOA_V
ClientSampleId :

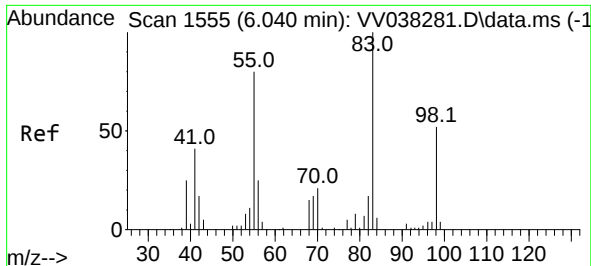
Tgt Ion: 97 Resp: 15768
Ion Ratio Lower Upper
97 100
99 58.5 51.8 77.8
61 39.4 32.2 48.2



#34
Trichloroethene
Concen: 0.961 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

Tgt Ion: 95 Resp: 19118
Ion Ratio Lower Upper
95 100
97 66.4 44.8 83.2
132 103.7 68.3 126.8
130 102.7 70.2 130.4

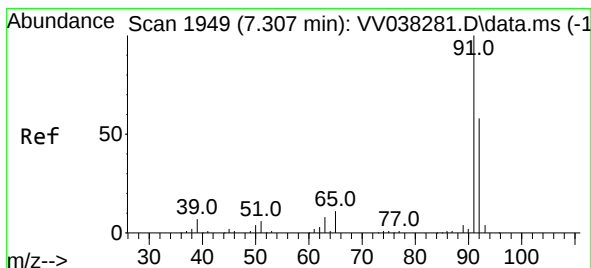
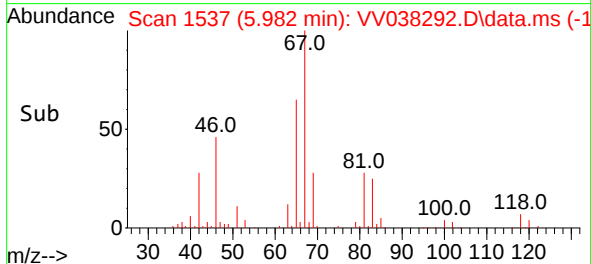
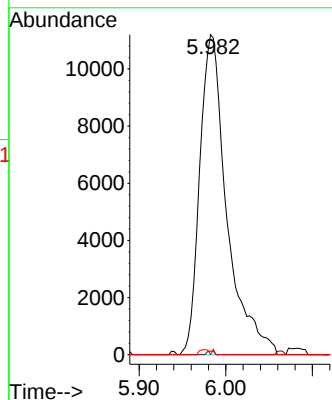
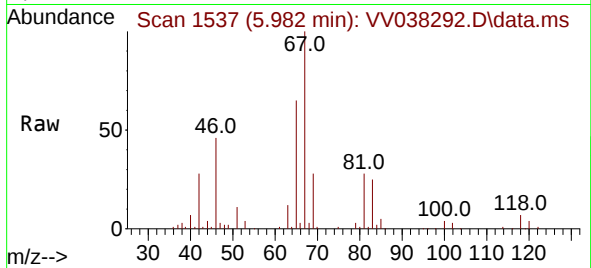




#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

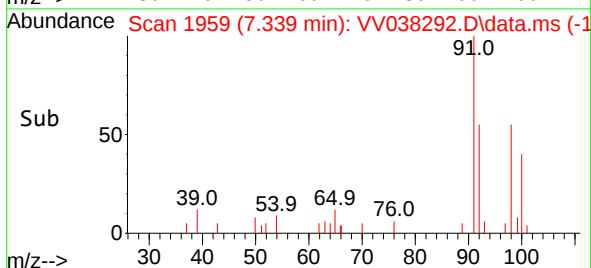
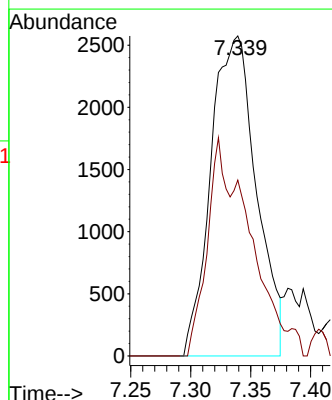
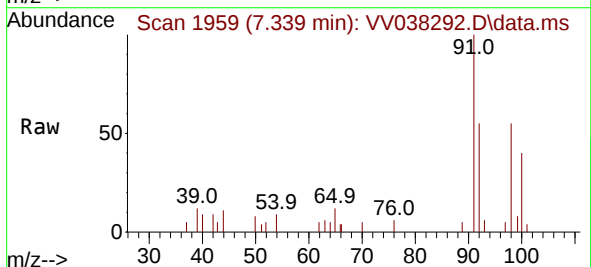
Instrument :
MSVOA_V
ClientSampleId :

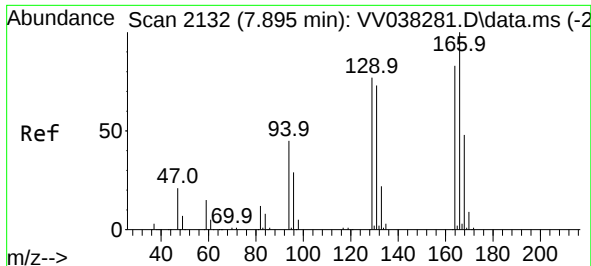
Tgt Ion: 83 Resp: 24371
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.5 39.0 58.4#



#42
Toluene
Concen: 0.088 ug/L
RT: 7.339 min Scan# 1959
Delta R.T. 0.032 min
Lab File: VV038292.D
Acq: 23 Nov 2024 01:08

Tgt Ion: 91 Resp: 6805
Ion Ratio Lower Upper
91 100
92 55.0 40.8 75.8





#47

Tetrachloroethene

Concen: 1.077 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038292.D

Acq: 23 Nov 2024 01:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 17226

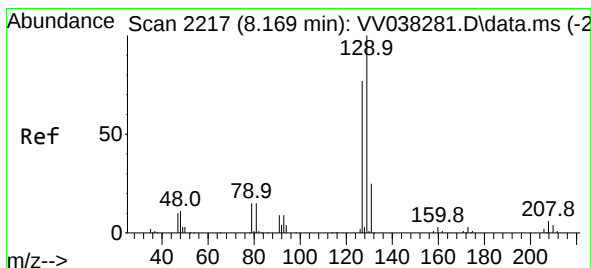
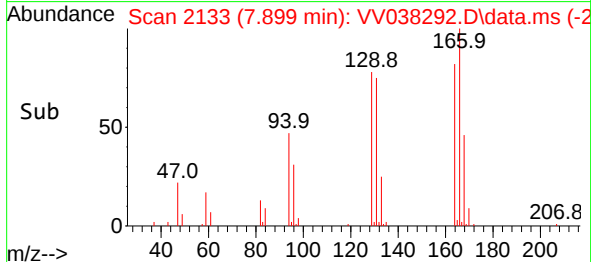
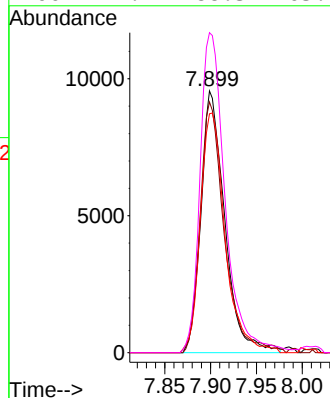
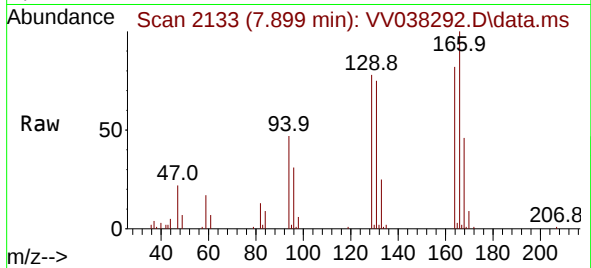
Ion Ratio Lower Upper

164 100

129 95.7 68.5 127.1

131 91.3 64.8 120.4

166 122.2 88.3 163.9



#49

Dibromochloromethane

Concen: 1.034 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038292.D

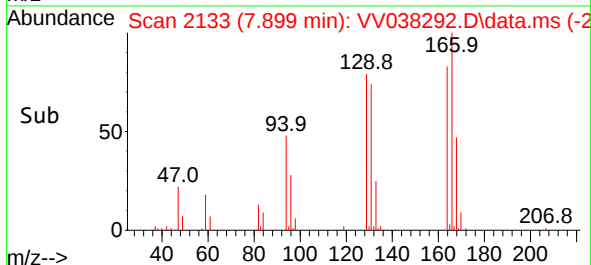
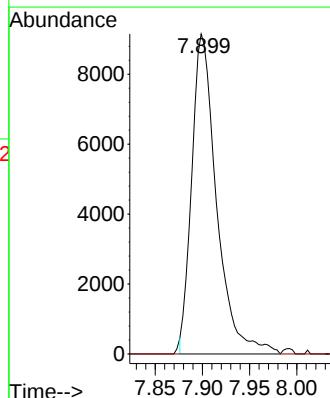
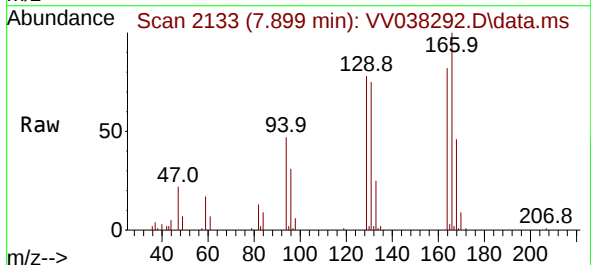
Acq: 23 Nov 2024 01:08

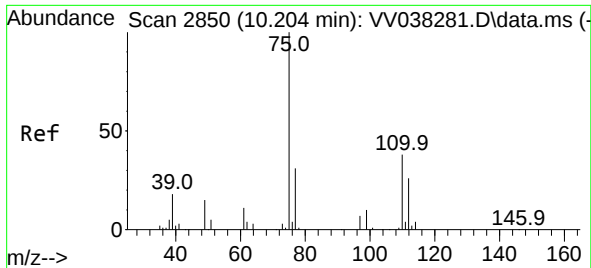
Tgt Ion:129 Resp: 16716

Ion Ratio Lower Upper

129 100

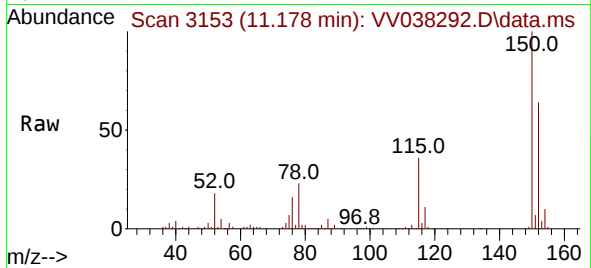
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.351 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038292.D
 Acq: 23 Nov 2024 01:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	13089
Ion Ratio	Lower	Upper
75	100	
77	33.6	26.4 39.6
110	1.9	32.3 48.5#

