

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038347.D
 Acq On : 25 Nov 2024 16:28
 Operator : SY/MD
 Sample : P4930-06DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:45:41 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)

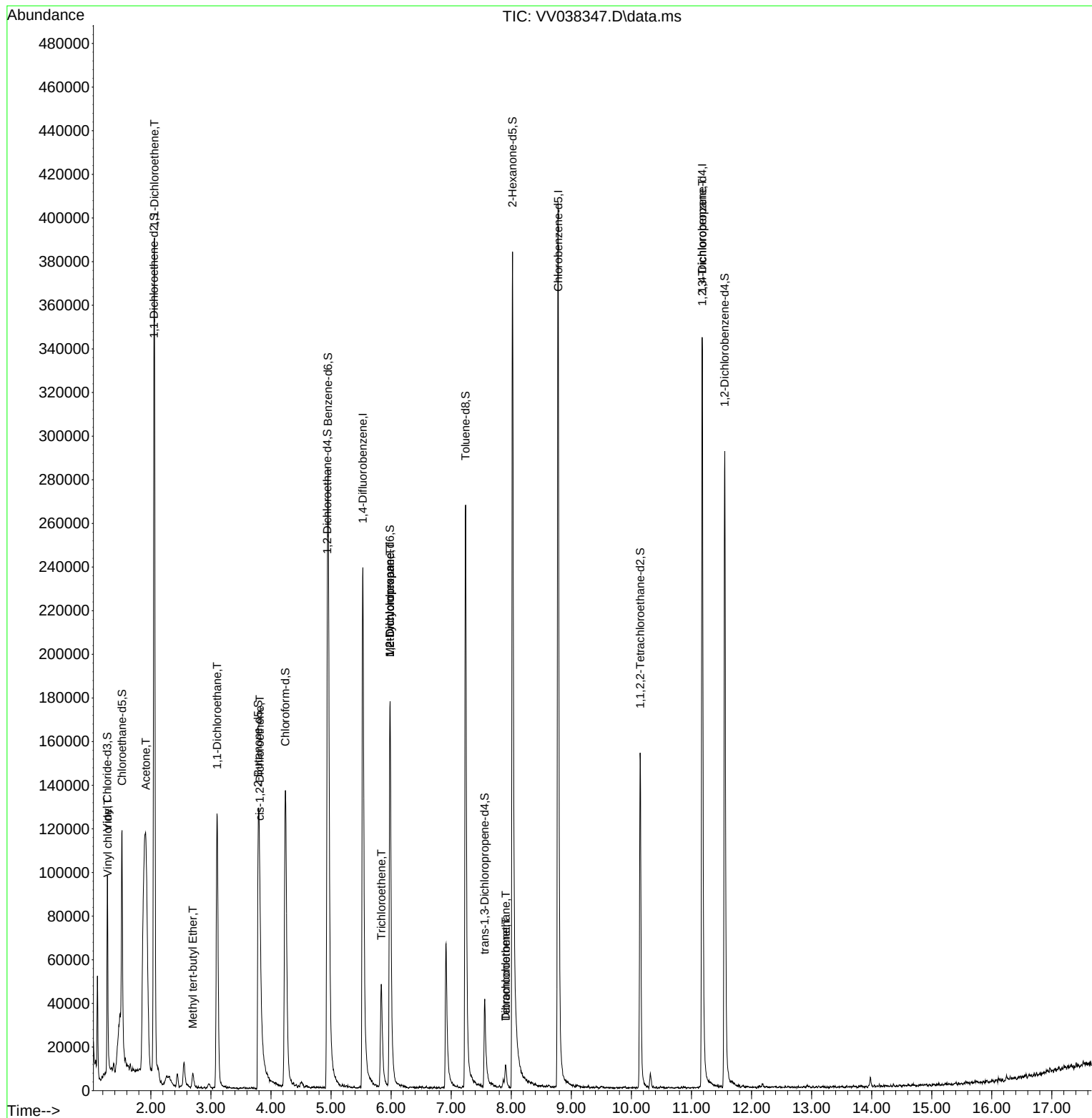
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	217932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	242004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97264	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54667	3.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.519	69	50482	3.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.050	65	27004	3.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.786	46	186483	55.807	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.620%
24) Chloroform-d	4.239	84	156563	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.937	65	77884	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.950	84	262208	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.982	67	93280	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.239	98	194936	3.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	7.558	79	29411	4.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.021	63	139012	49.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78937	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	82529	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	8628	0.429	ug/L	85
12) 1,1-Dichloroethene	2.059	96	85212	5.474	ug/L	85
13) Acetone	1.915	43	61118	24.730	ug/L	41
17) Methyl tert-butyl Ether	2.699	73	5062	0.144	ug/L #	90
19) 1,1-Dichloroethane	3.101	63	131405	4.415	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	26152	1.542	ug/L	96
34) Trichloroethene	5.837	95	17927	0.967	ug/L	97
35) Methylcyclohexane	5.982	83	22112	0.843	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10290	0.604	ug/L #	88
47) Tetrachloroethene	7.908	164	2765	0.186	ug/L	88
49) Dibromochloromethane	7.908	129	2561	0.170	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	11466	1.377	ug/L #	64

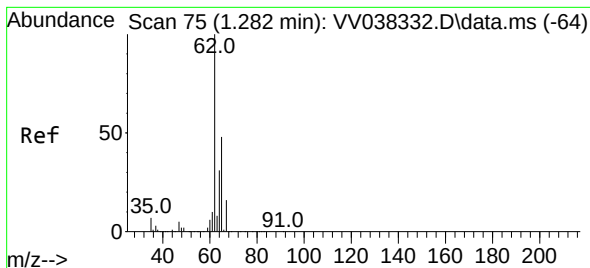
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.429 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV038347.D

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Instrument :

MSVOA_V

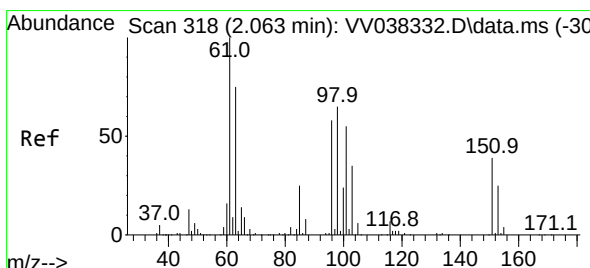
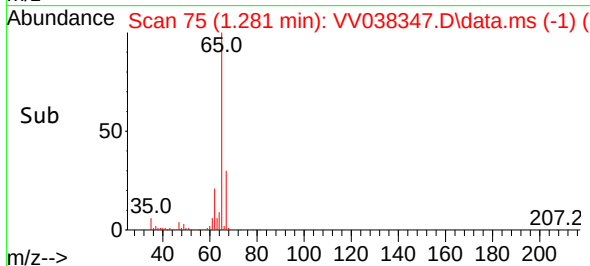
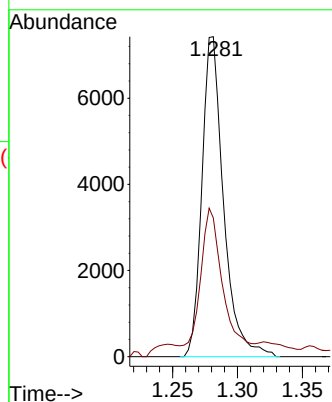
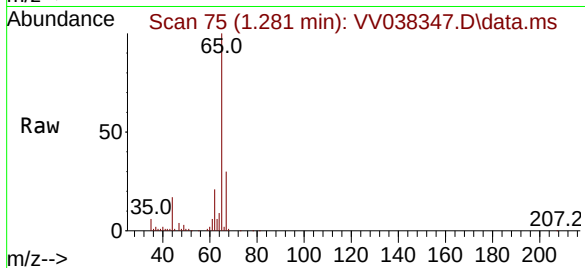
ClientSampleId :

Tgt Ion: 62 Resp: 8628

Ion Ratio Lower Upper

62 100

64 43.4 24.4 45.4



#12

1,1-Dichloroethene

Concen: 5.474 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

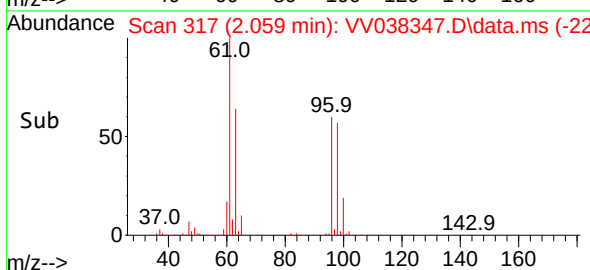
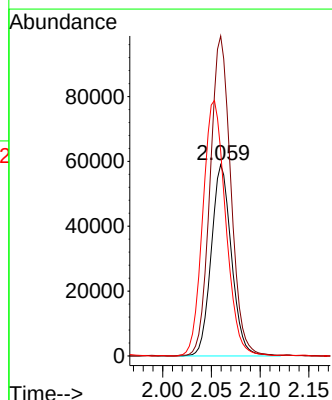
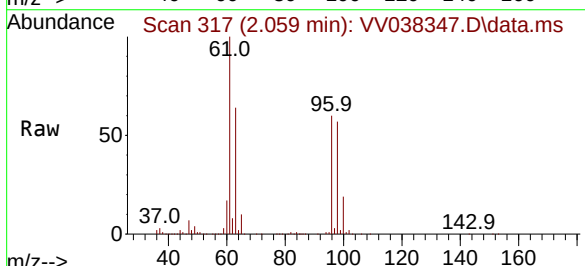
Tgt Ion: 96 Resp: 85212

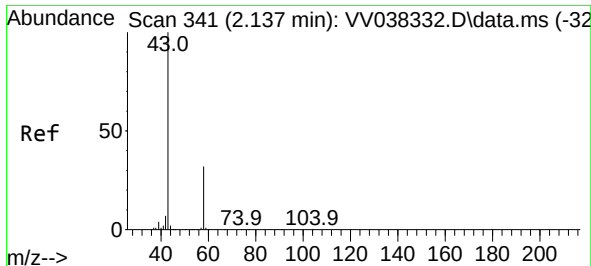
Ion Ratio Lower Upper

96 100

61 167.4 115.7 214.9

63 107.2 101.1 187.7

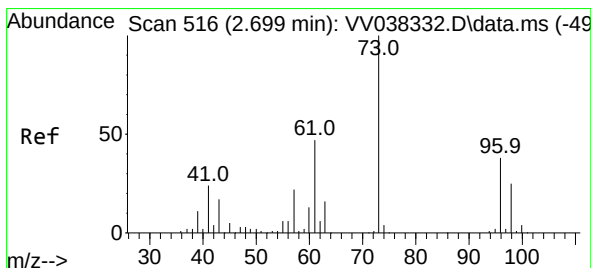
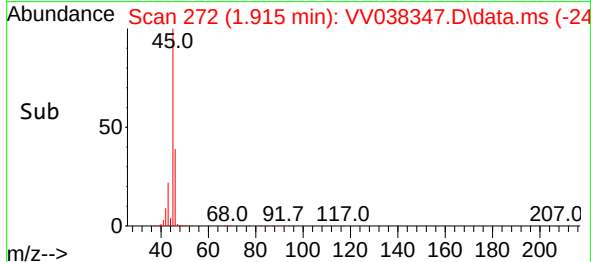
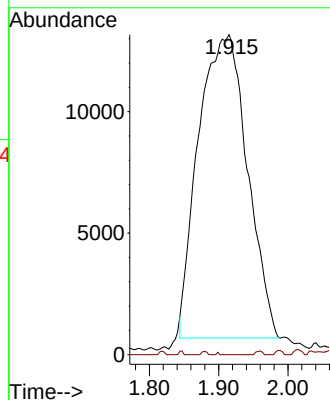
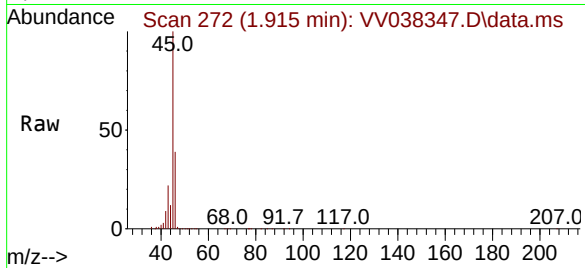




#13
Acetone
Concen: 24.730 ug/L
RT: 1.915 min Scan# 21
Delta R.T. -0.222 min
Lab File: VV038347.D
Acq: 25 Nov 2024 16:28

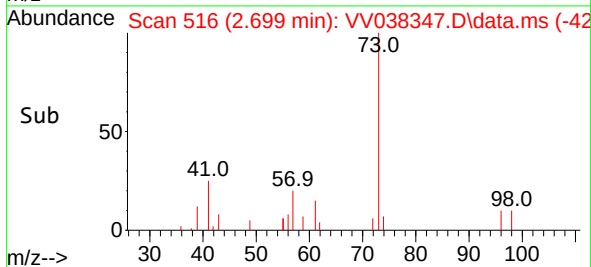
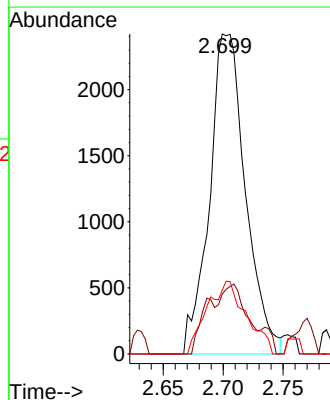
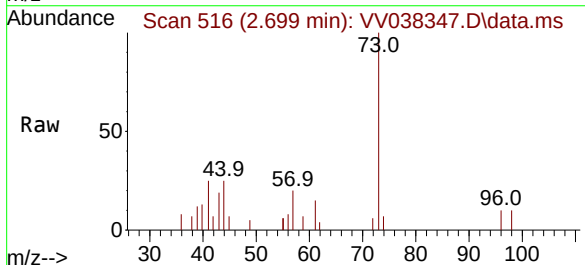
Instrument :
MSVOA_V
ClientSampleId :

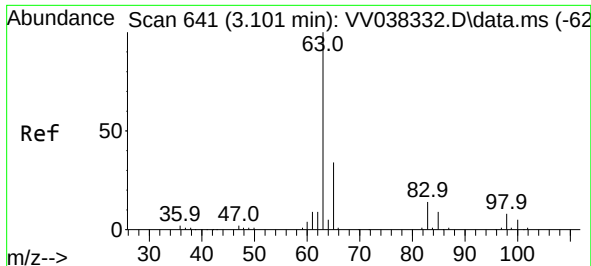
Tgt Ion: 43 Resp: 61118
Ion Ratio Lower Upper
43 100
58 0.1 0.0 67.2



#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038347.D
Acq: 25 Nov 2024 16:28

Tgt Ion: 73 Resp: 5062
Ion Ratio Lower Upper
73 100
43 10.9 14.2 21.2#
57 24.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 4.415 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.000 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :

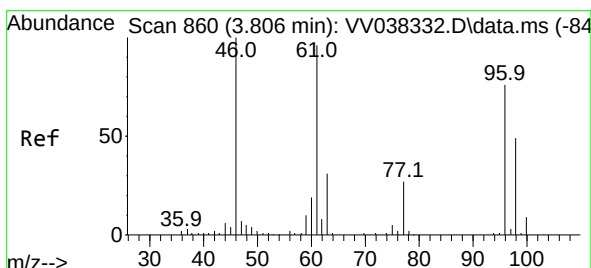
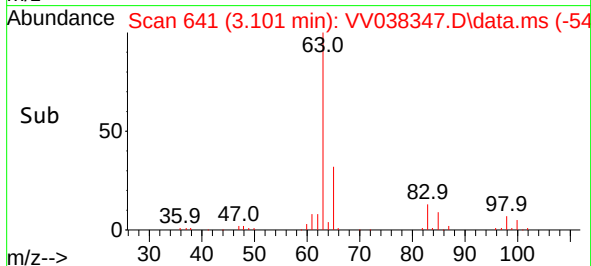
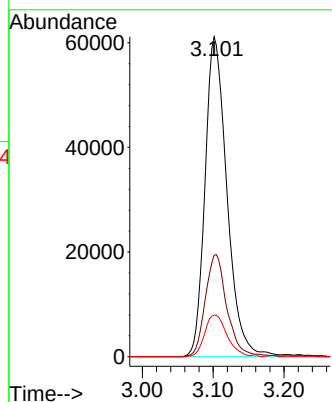
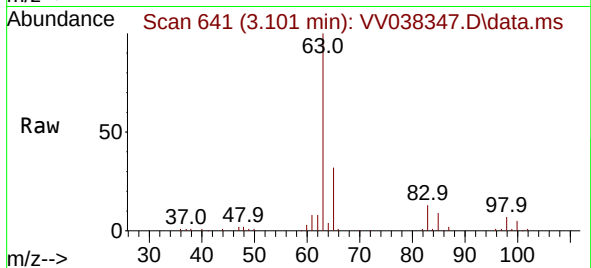
Tgt Ion: 63 Resp: 131405

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 13.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.542 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

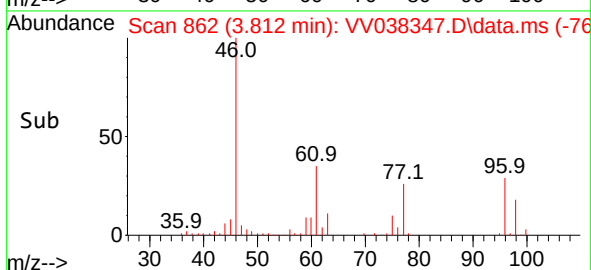
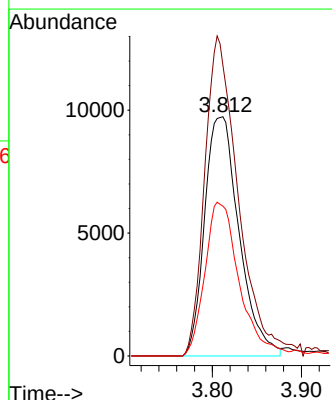
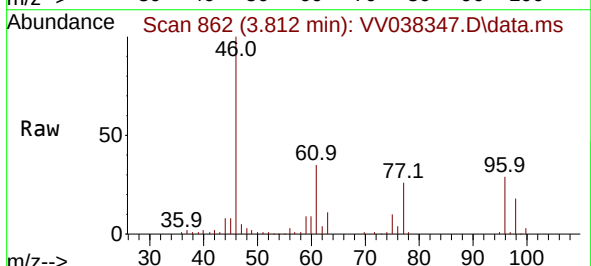
Tgt Ion: 96 Resp: 26152

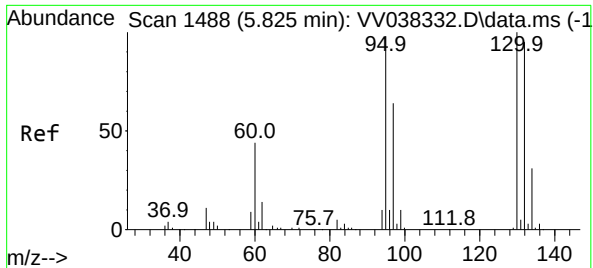
Ion Ratio Lower Upper

96 100

61 121.4 82.7 153.5

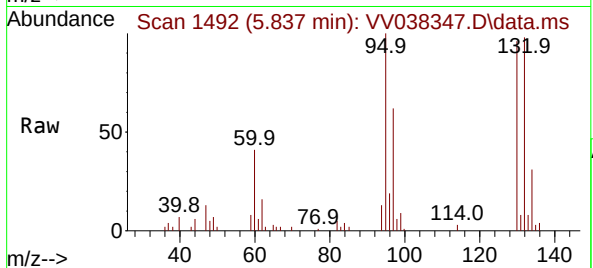
98 62.6 46.3 85.9



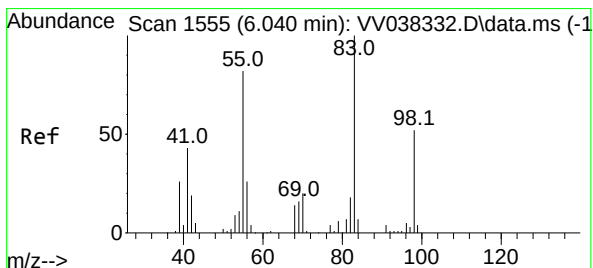
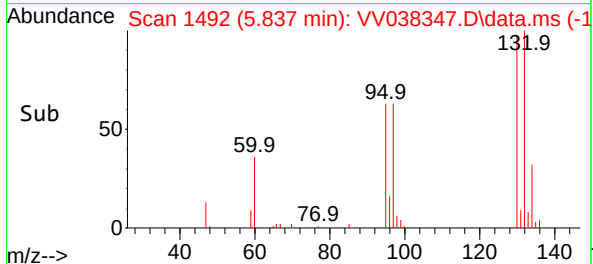
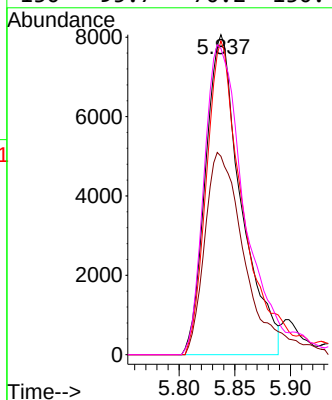


#34
 Trichloroethene
 Concen: 0.967 ug/L
 RT: 5.837 min Scan# 1488
 Delta R.T. 0.013 min
 Lab File: VV038347.D
 Acq: 25 Nov 2024 16:28

Instrument :
 MSVOA_V
 ClientSampleId :

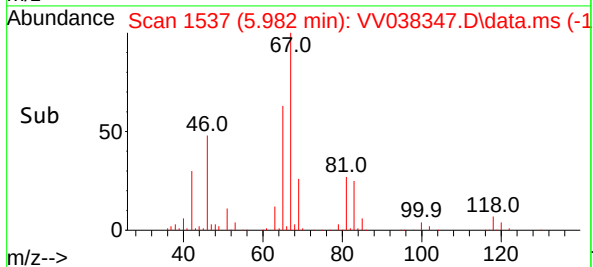
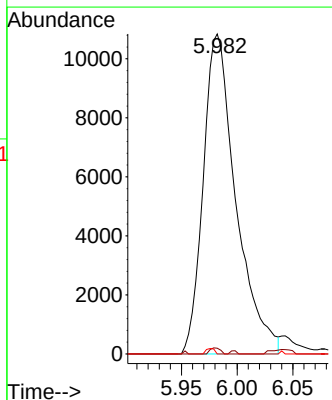
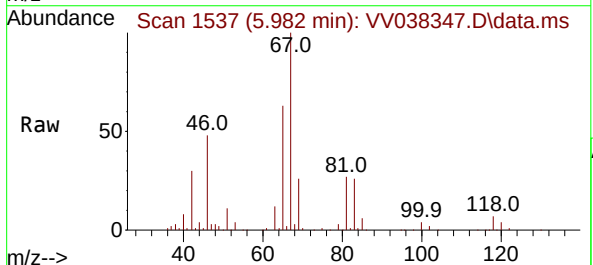


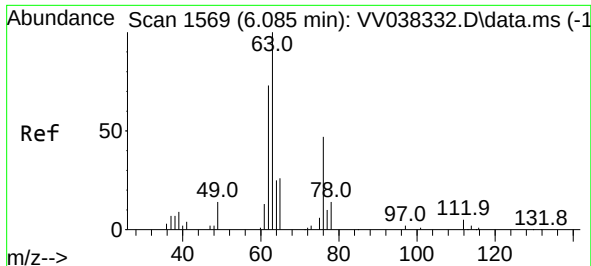
Tgt Ion: 95	Resp: 17927
Ion Ratio	Lower Upper
95 100	
97 62.0	44.8 83.2
132 98.0	68.3 126.8
130 95.7	70.2 130.4



#35
 Methylcyclohexane
 Concen: 0.843 ug/L
 RT: 5.982 min Scan# 1537
 Delta R.T. -0.058 min
 Lab File: VV038347.D
 Acq: 25 Nov 2024 16:28

Tgt Ion: 83	Resp: 22112
Ion Ratio	Lower Upper
83 100	
55 0.6	59.7 89.5#
98 0.4	39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

Instrument :

MSVOA_V

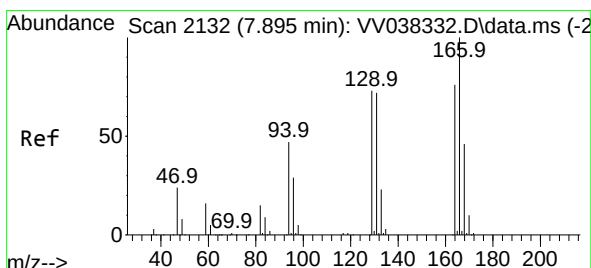
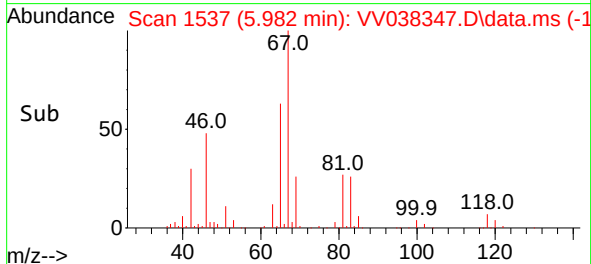
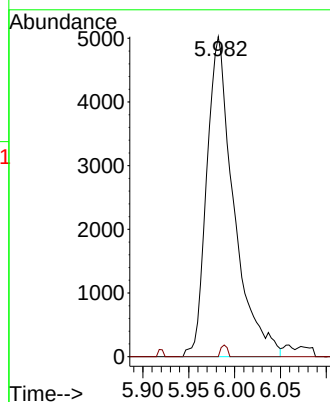
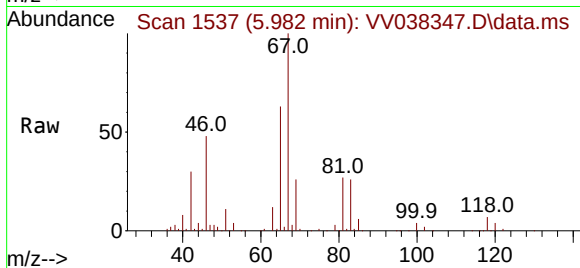
ClientSampleId :

Tgt Ion: 63 Resp: 10290

Ion Ratio Lower Upper

63 100

112 0.9 3.9 5.9#



#47

Tetrachloroethene

Concen: 0.186 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.013 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

Tgt Ion:164 Resp: 2765

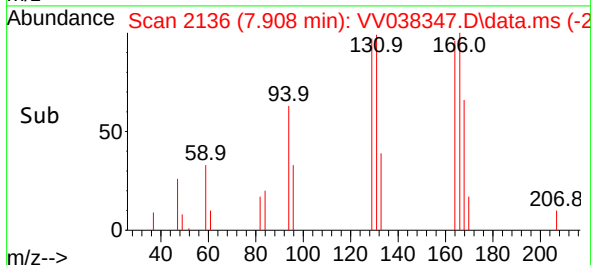
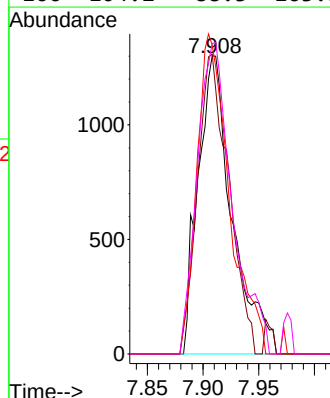
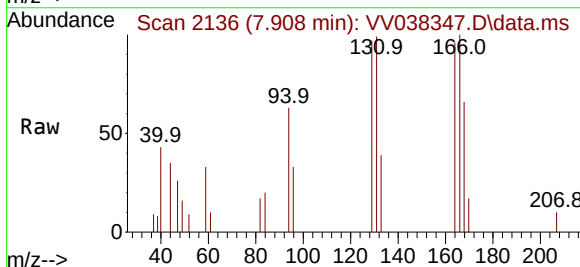
Ion Ratio Lower Upper

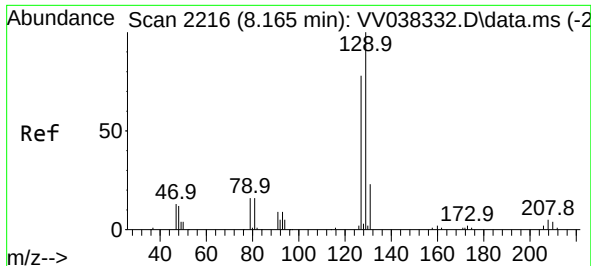
164 100

129 100.5 68.5 127.1

131 103.6 64.8 120.4

166 104.2 88.3 163.9





#49

Dibromochloromethane

Concen: 0.170 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.257 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

Instrument :

MSVOA_V

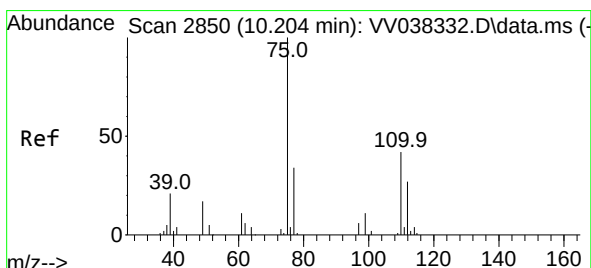
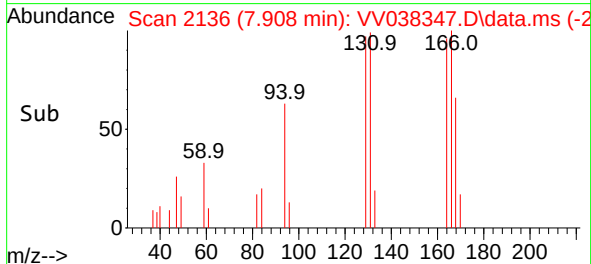
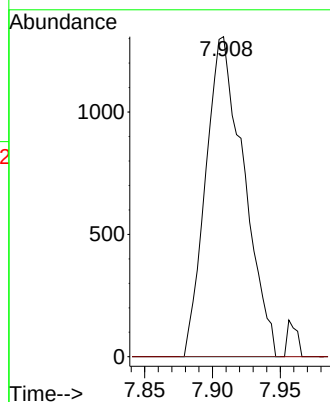
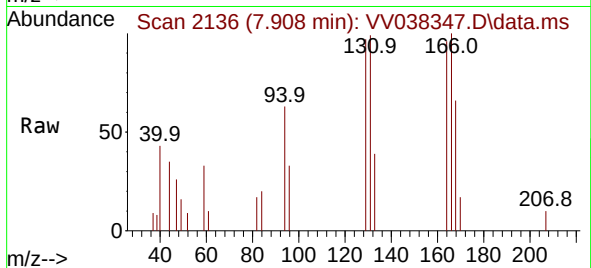
ClientSampleId :

Tgt Ion:129 Resp: 2561

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.377 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV038347.D

Acq: 25 Nov 2024 16:28

Tgt Ion: 75 Resp: 11466

Ion Ratio Lower Upper

75 100

77 35.9 26.4 39.6

110 2.0 32.3 48.5#

