

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032008.D
 Acq On : 09 Sep 2023 18:19
 Operator : SY/MD
 Sample : 04307-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:57:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

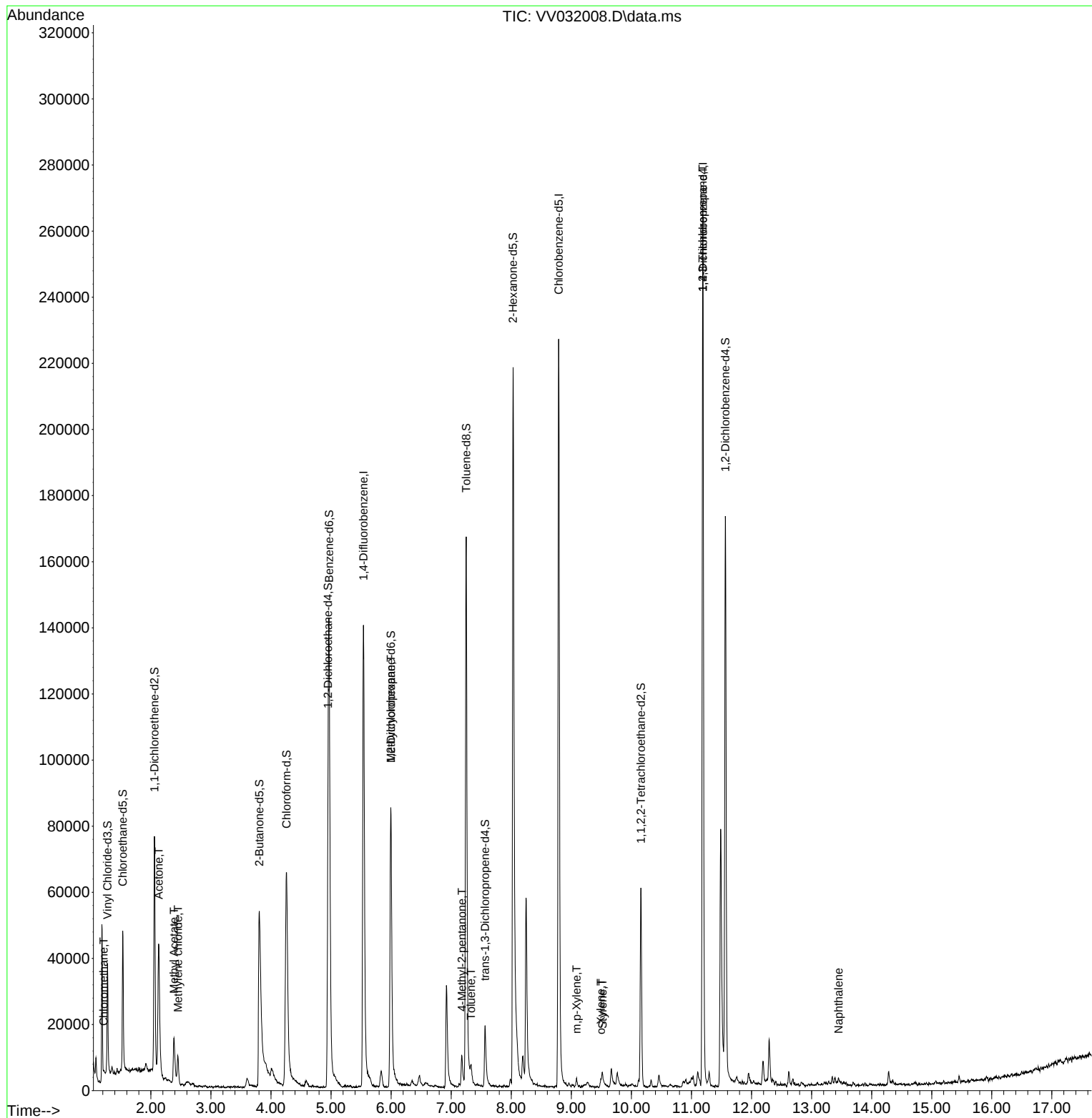
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	125765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21099	4.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.532	69	26799	5.507	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12353	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	3.806	46	108131	52.588	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.180%	
24) Chloroform-d	4.256	84	62773	4.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	4.950	65	34017	4.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	4.966	84	130678	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	5.995	67	45371	4.553	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.249	98	112400	4.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	7.564	79	12093	3.328	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.600%	
46) 2-Hexanone-d5	8.030	63	79759	41.168	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.340%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30579	4.277	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	41633	3.930	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.600%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1064	0.138	ug/L	88
13) Acetone	2.130	43	50612	41.774	ug/L	73
15) Methyl Acetate	2.384	43	18321	7.420	ug/L	100
16) Methylene chloride	2.452	84	3166	0.344	ug/L	98
35) Methylcyclohexane	5.995	83	10327	0.849	ug/L #	18
40) 4-Methyl-2-pentanone	7.178	43	7880	1.595	ug/L #	90
42) Toluene	7.330	91	4169	0.131	ug/L	98
53) m,p-Xylene	9.088	106	852	0.062	ug/L	81
54) o-Xylene	9.490	106	687	0.052	ug/L	69
55) Styrene	9.519	104	2151	0.094	ug/L	95
61) 1,2,3-Trichloropropane	11.188	75	9118	1.892	ug/L #	68
71) Naphthalene	13.448	128	1558	0.076	ug/L #	90

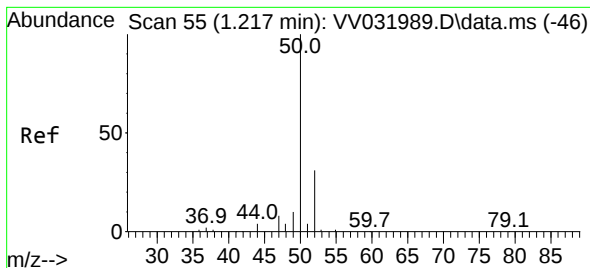
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV032008.D

Acq: 09 Sep 2023 18:19

Instrument :

MSVOA_V

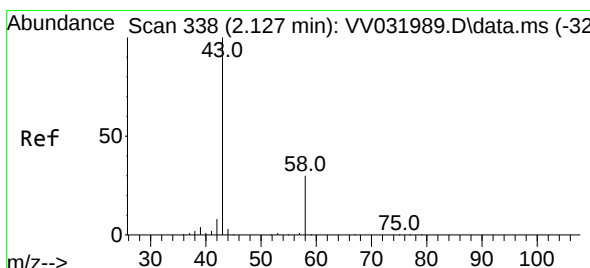
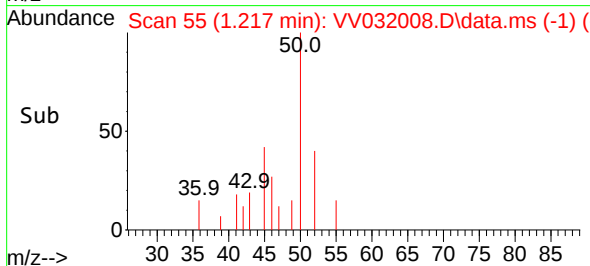
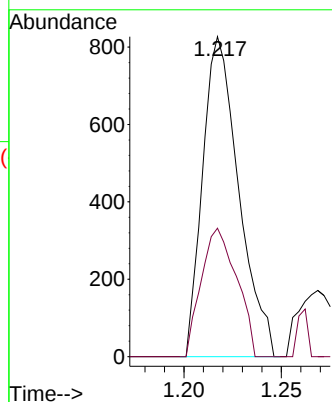
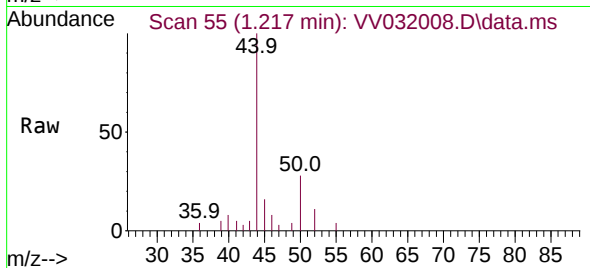
ClientSampleId :

Tgt Ion: 50 Resp: 1064

Ion Ratio Lower Upper

50 100

52 40.1 23.3 43.3



#13

Acetone

Concen: 41.774 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.003 min

Lab File: VV032008.D

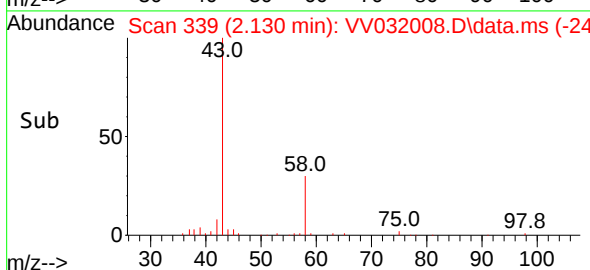
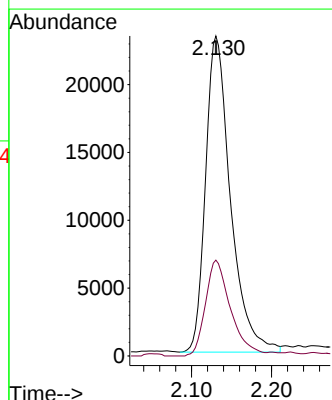
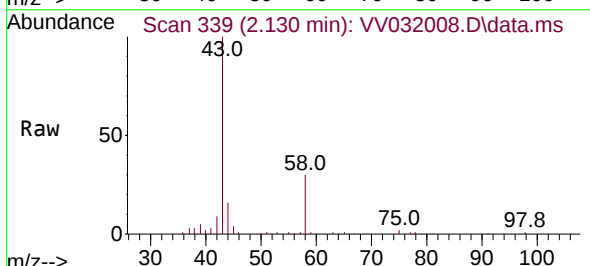
Acq: 09 Sep 2023 18:19

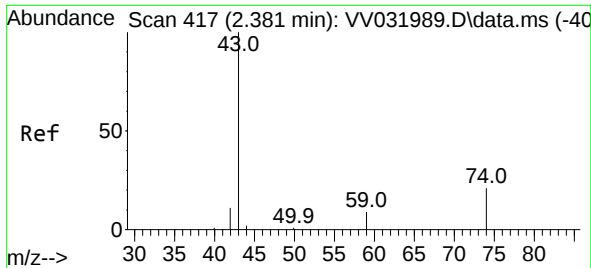
Tgt Ion: 43 Resp: 50612

Ion Ratio Lower Upper

43 100

58 30.5 0.0 37.0

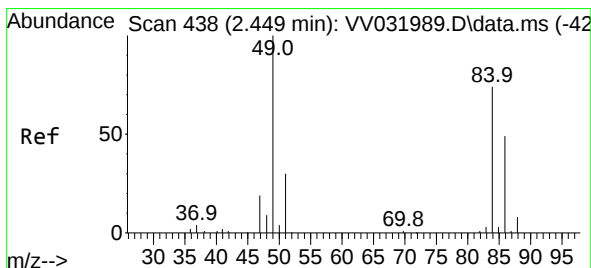
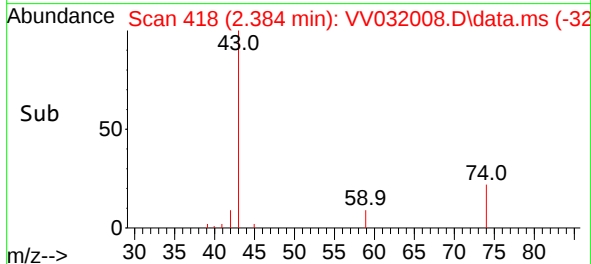
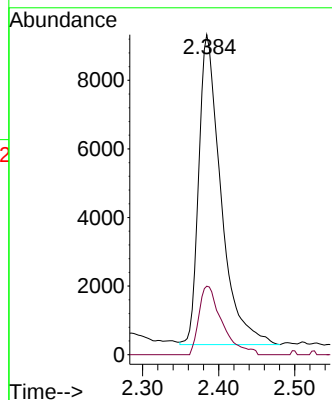
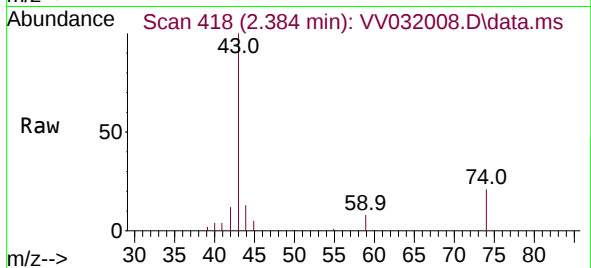




#15
Methyl Acetate
Concen: 7.420 ug/L
RT: 2.384 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV032008.D
Acq: 09 Sep 2023 18:19

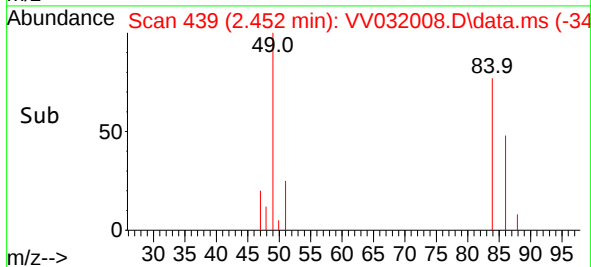
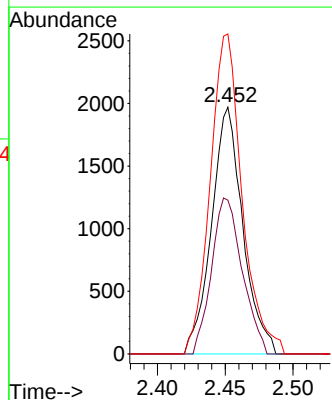
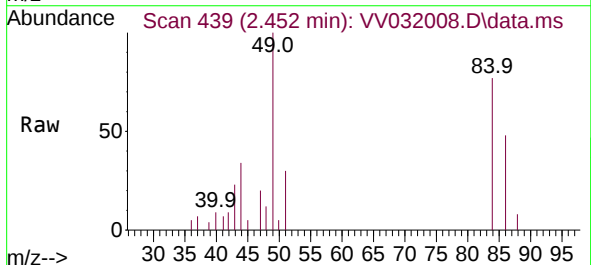
Instrument :
MSVOA_V
ClientSampleId :

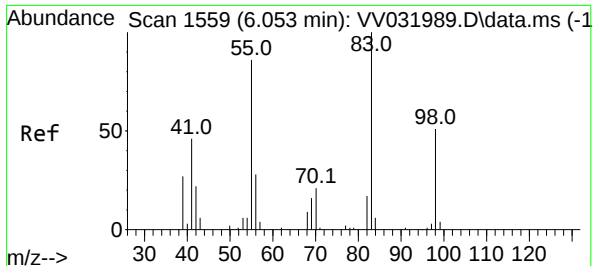
Tgt Ion: 43 Resp: 18321
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5



#16
Methylene chloride
Concen: 0.344 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV032008.D
Acq: 09 Sep 2023 18:19

Tgt Ion: 84 Resp: 3166
Ion Ratio Lower Upper
84 100
86 62.3 42.6 79.2
49 129.7 88.5 164.4





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032008.D

Acq: 09 Sep 2023 18:19

Instrument :

MSVOA_V

ClientSampleId :

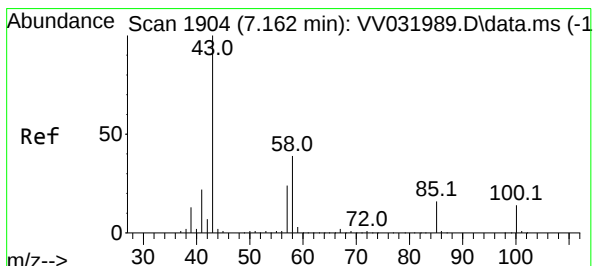
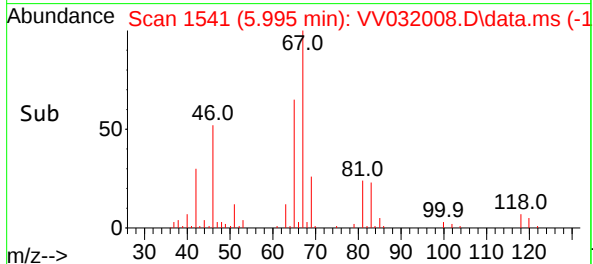
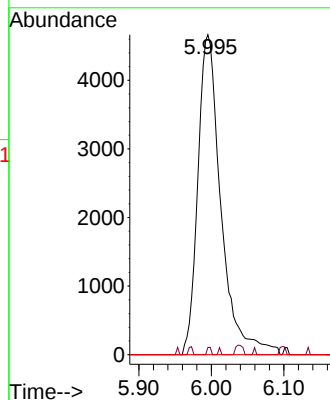
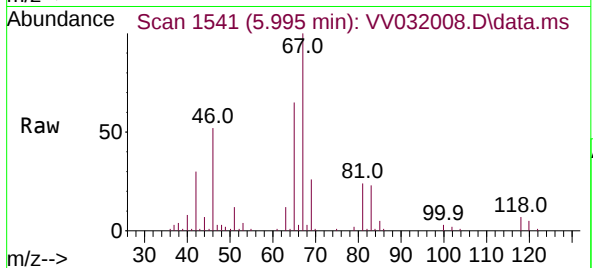
Tgt Ion: 83 Resp: 10327

Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

98 0.0 37.8 56.8#



#40

4-Methyl-2-pentanone

Concen: 1.595 ug/L

RT: 7.178 min Scan# 1909

Delta R.T. 0.016 min

Lab File: VV032008.D

Acq: 09 Sep 2023 18:19

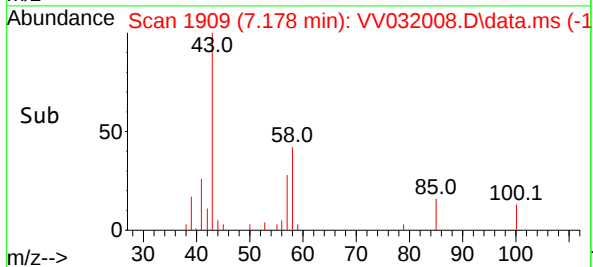
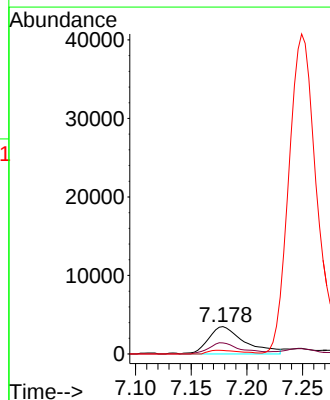
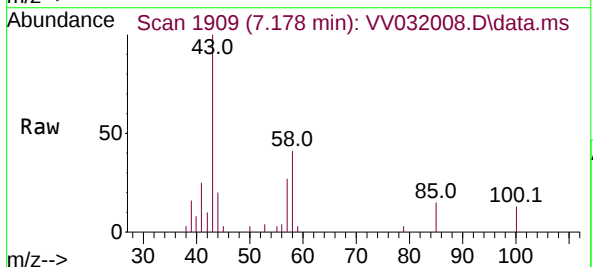
Tgt Ion: 43 Resp: 7880

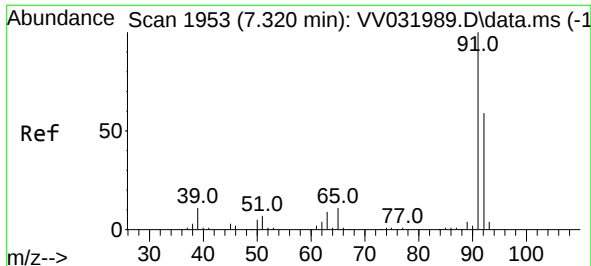
Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6

100 0.0 10.7 16.1#





#42

Toluene

Concen: 0.131 ug/L

RT: 7.330 min Scan# 1953

Delta R.T. 0.010 min

Lab File: VV032008.D

Acq: 09 Sep 2023 18:19

Instrument :

MSVOA_V

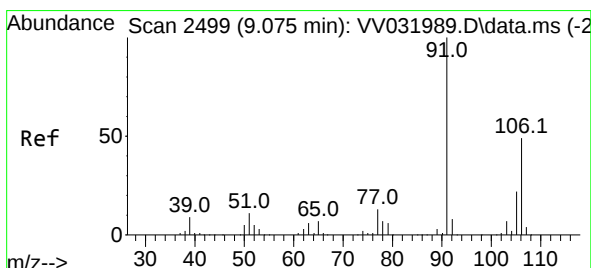
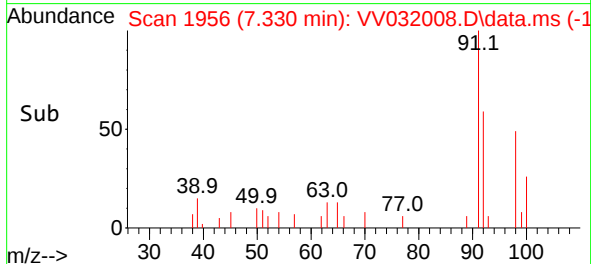
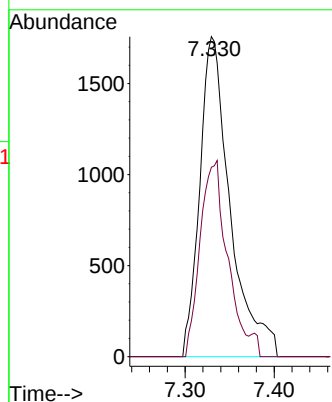
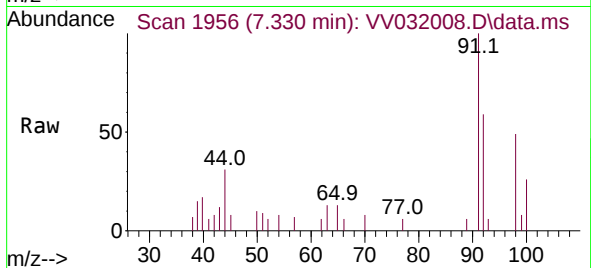
ClientSampleId :

Tgt Ion: 91 Resp: 4169

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.1



#53

m,p-Xylene

Concen: 0.062 ug/L

RT: 9.088 min Scan# 2503

Delta R.T. 0.013 min

Lab File: VV032008.D

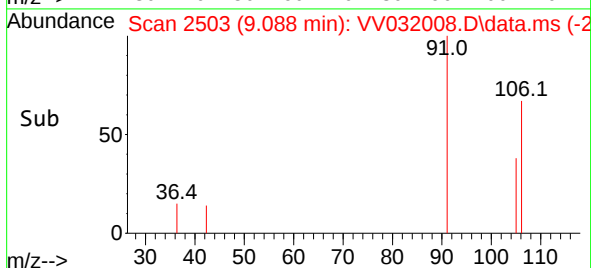
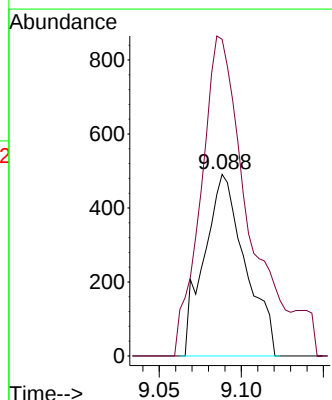
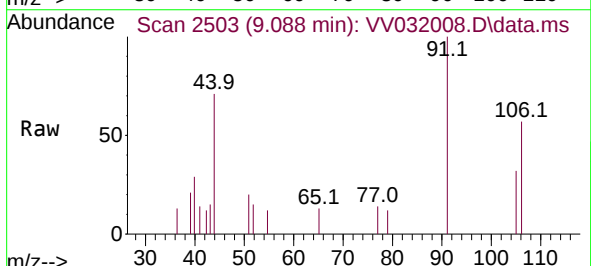
Acq: 09 Sep 2023 18:19

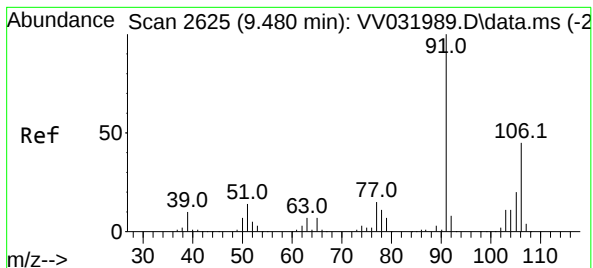
Tgt Ion: 106 Resp: 852

Ion Ratio Lower Upper

106 100

91 174.3 142.7 265.1





#54

o-Xylene

Concen: 0.052 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.010 min

Lab File: VV032008.D

Acq: 09 Sep 2023 18:19

Instrument :

MSVOA_V

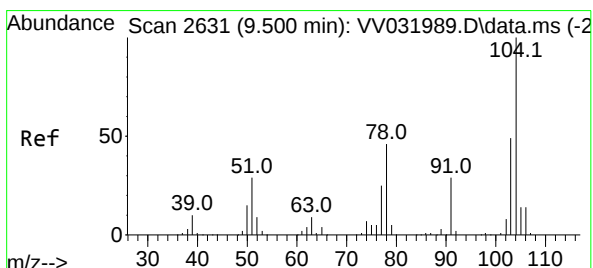
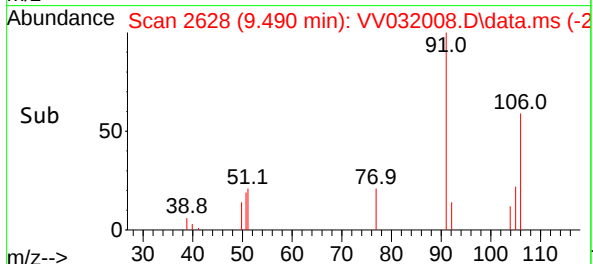
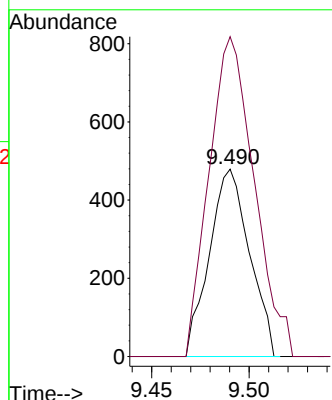
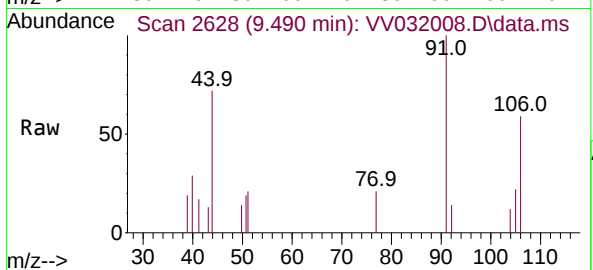
ClientSampleId :

Tgt Ion:106 Resp: 687

Ion Ratio Lower Upper

106 100

91 170.8 154.7 287.3



#55

Styrene

Concen: 0.094 ug/L

RT: 9.519 min Scan# 2637

Delta R.T. 0.019 min

Lab File: VV032008.D

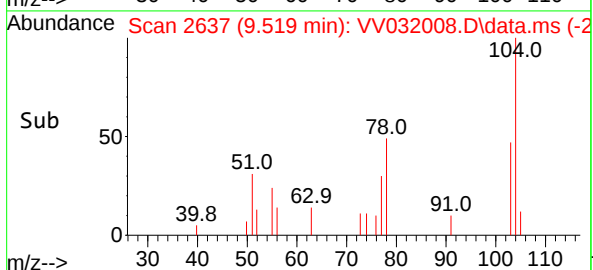
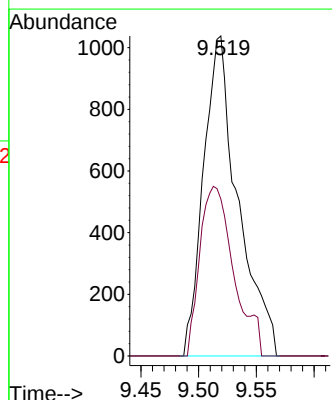
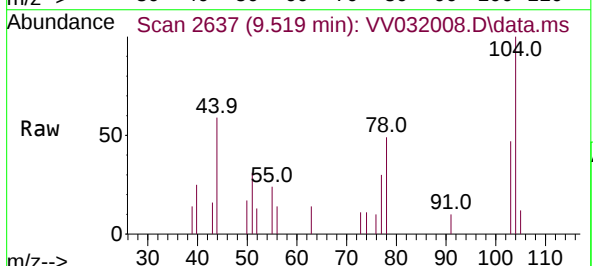
Acq: 09 Sep 2023 18:19

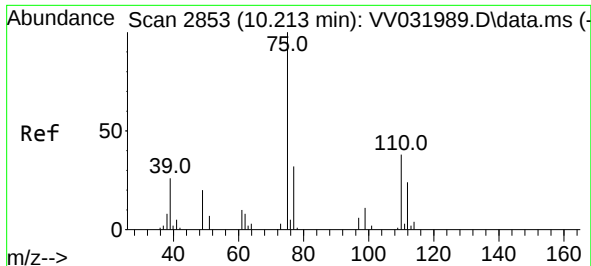
Tgt Ion:104 Resp: 2151

Ion Ratio Lower Upper

104 100

78 49.0 32.1 59.7

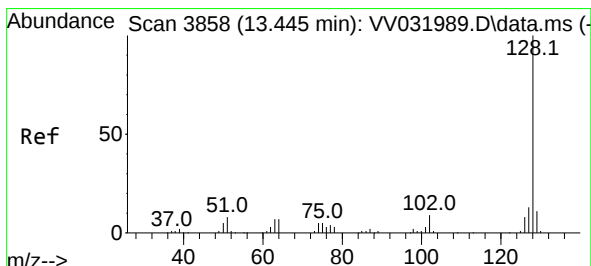
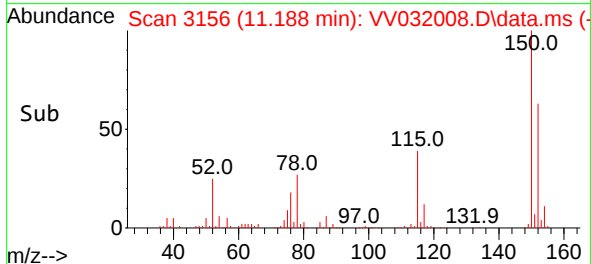
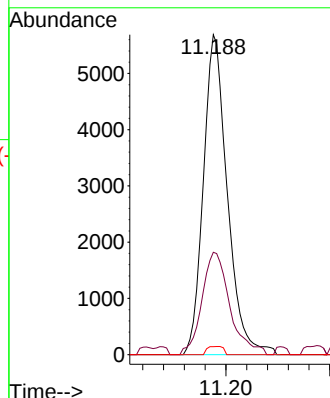
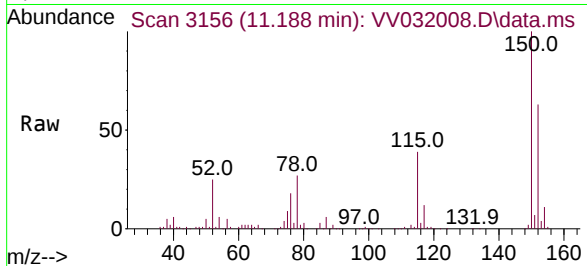




#61
1,2,3-Trichloropropane
Concen: 1.892 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032008.D
Acq: 09 Sep 2023 18:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 9118
Ion Ratio Lower Upper
75 100
77 37.1 28.8 43.2
110 1.7 30.2 45.2#



#71
Naphthalene
Concen: 0.076 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV032008.D
Acq: 09 Sep 2023 18:19

Tgt Ion:128 Resp: 1558
Ion Ratio Lower Upper
128 100
129 7.6 8.9 13.3#
127 9.6 10.8 16.2#

