

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
 Data File : VW032631.D
 Acq On : 25 Oct 2023 14:27
 Operator : SY/MD
 Sample : 04992-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 05:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 26 04:59:52 2023
 Response via : Initial Calibration

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

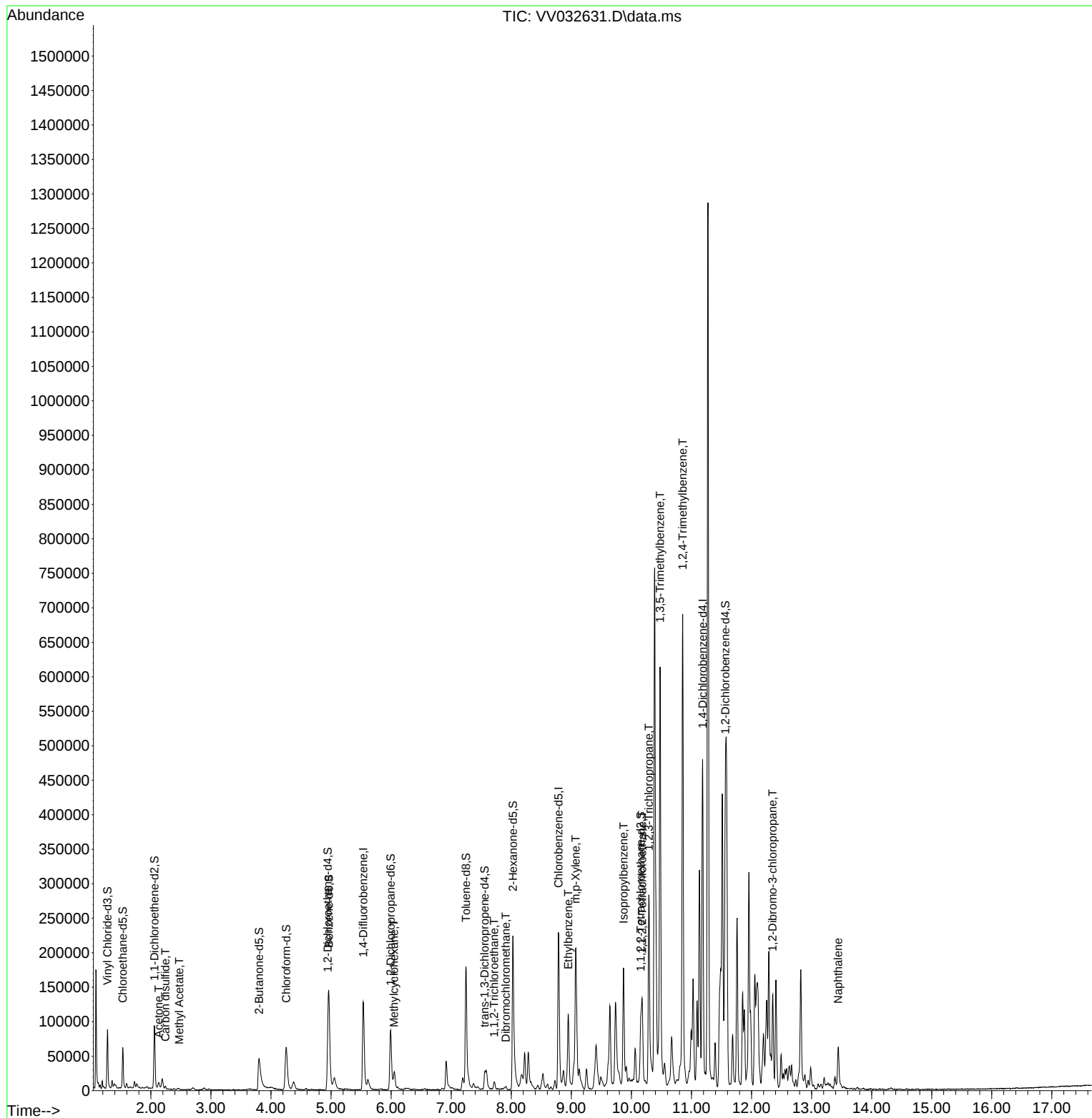
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	73073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37559	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.532	69	36535	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.060	65	14593	3.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.802	46	86524	38.570	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.140%
24) Chloroform-d	4.252	84	65947	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.947	65	33813	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.963	84	129800	3.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	5.992	67	40320	3.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.600%
41) Toluene-d8	7.246	98	127688	3.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.558	79	16718	3.718	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.027	63	79162	37.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39565	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	56503	4.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	11633	6.728	ug/L	92
14) Carbon disulfide	2.243	76	4772	0.171	ug/L	96
15) Methyl Acetate	2.471	43	728	0.187	ug/L #	53
35) Methylcyclohexane	6.050	83	7219	0.373	ug/L #	90
45) 1,1,2-Trichloroethane	7.715	97	4025	0.466	ug/L #	19
49) Dibromochloromethane	7.908	129	668	0.074	ug/L #	8
52) Ethylbenzene	8.950	91	72856	1.339	ug/L	99
53) m,p-Xylene	9.072	106	46684	2.314	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	7353	0.773	ug/L #	37
60) Isopropylbenzene	9.870	105	104199	1.835	ug/L	99
61) 1,2,3-Trichloropropane	10.291	75	1671	0.215	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.477	105	305977	6.611	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	337303	7.320	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	686	0.432	ug/L #	1
71) Naphthalene	13.442	128	42166	1.408	ug/L	99

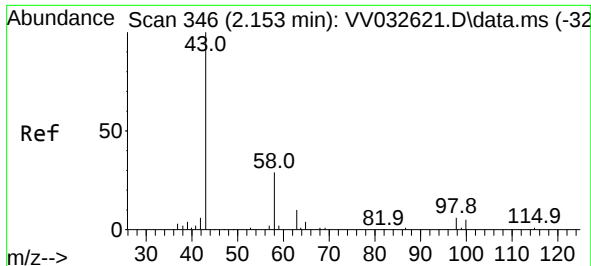
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.728 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV032631.D

Acq: 25 Oct 2023 14:27

Instrument :

MSVOA_V

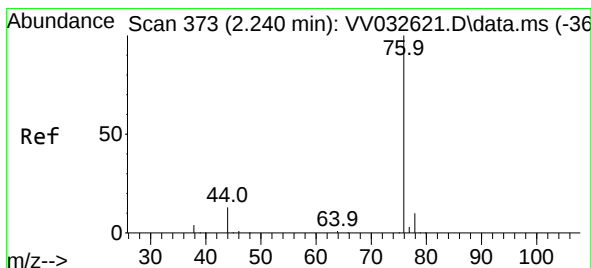
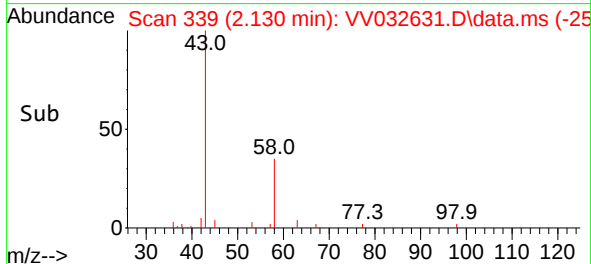
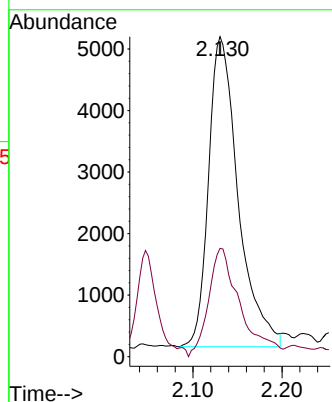
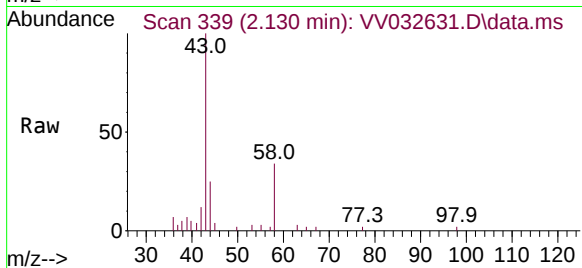
ClientSampleId :

Tgt Ion: 43 Resp: 11633

Ion Ratio Lower Upper

43 100

58 37.6 0.0 66.0



#14

Carbon disulfide

Concen: 0.171 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032631.D

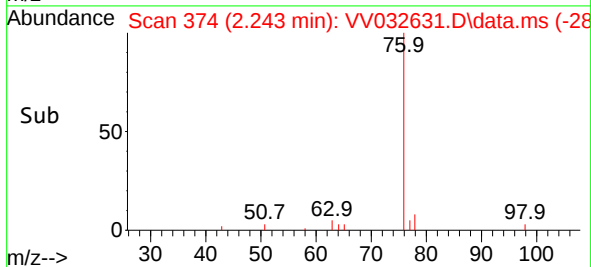
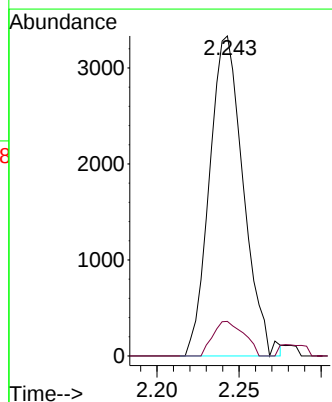
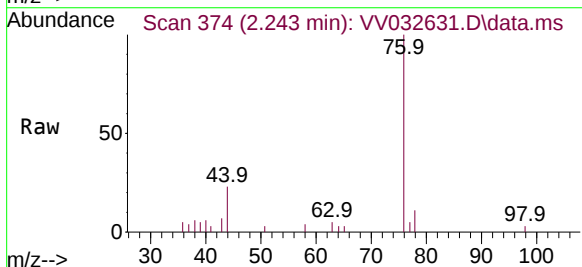
Acq: 25 Oct 2023 14:27

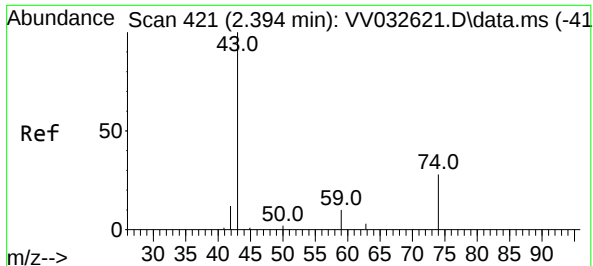
Tgt Ion: 76 Resp: 4772

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.2

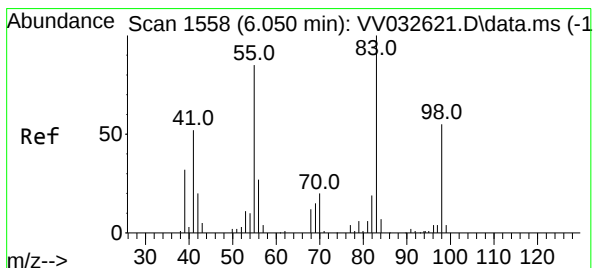
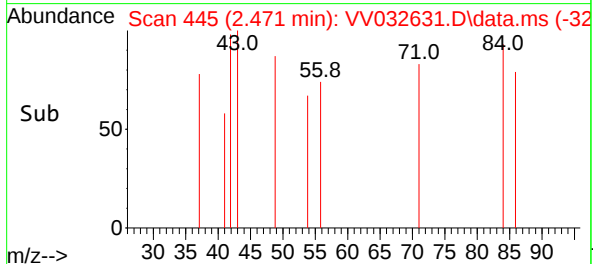
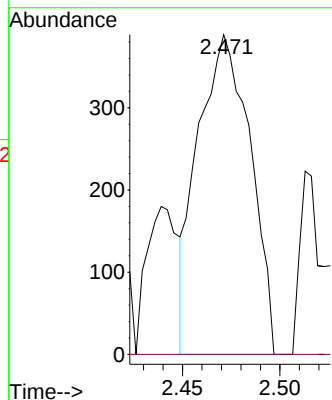
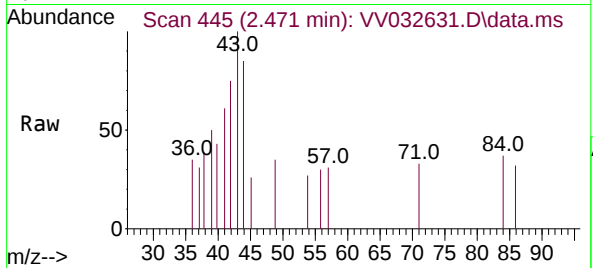




#15
Methyl Acetate
Concen: 0.187 ug/L
RT: 2.471 min Scan# 445
Delta R.T. 0.077 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

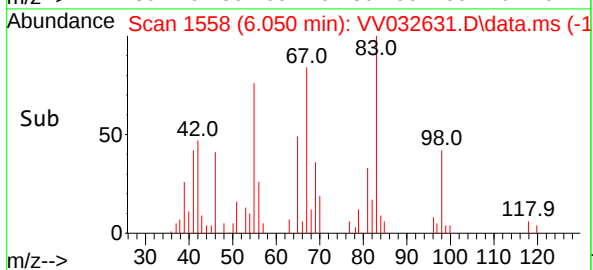
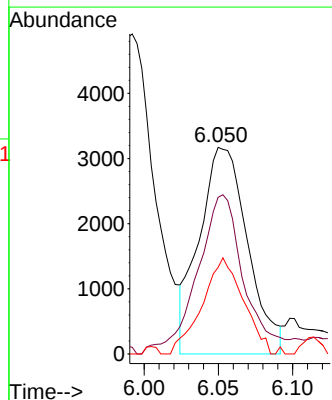
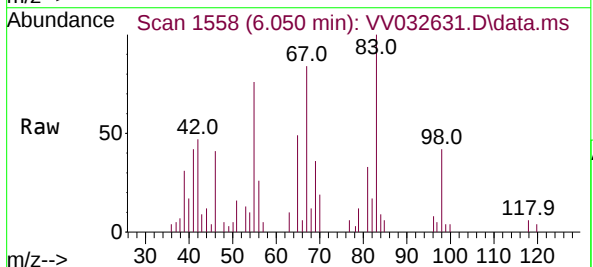
Instrument :
MSVOA_V
ClientSampleId :

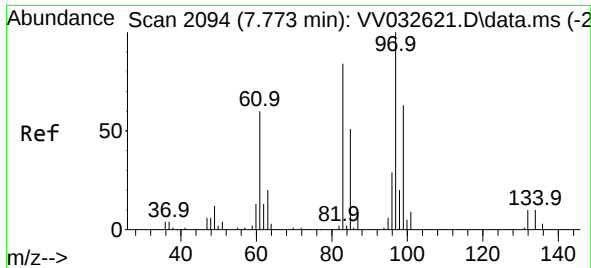
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#35
Methylcyclohexane
Concen: 0.373 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

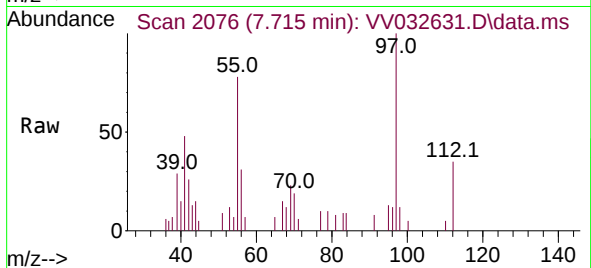
Tgt Ion: 83 Resp: 7219
Ion Ratio Lower Upper
83 100
55 74.1 64.2 96.2
98 39.4 39.6 59.4#



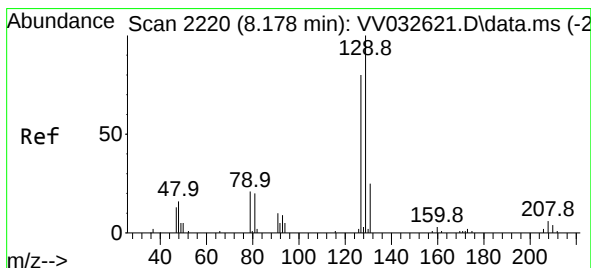
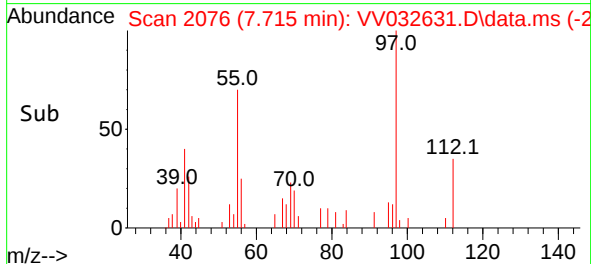
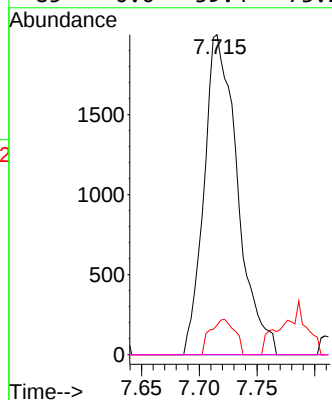


#45
 1,1,2-Trichloroethane
 Concen: 0.466 ug/L
 RT: 7.715 min Scan# 2094
 Delta R.T. -0.058 min
 Lab File: VV032631.D
 Acq: 25 Oct 2023 14:27

Instrument :
 MSVOA_V
 ClientSampleId :

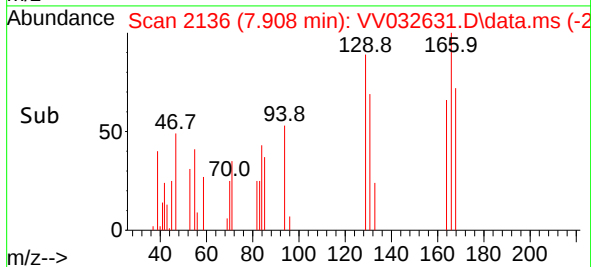
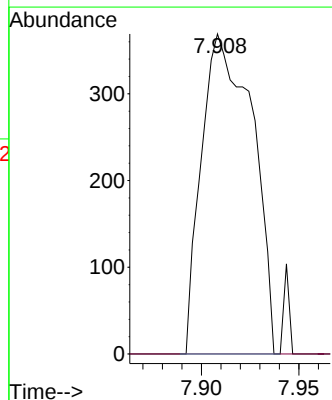
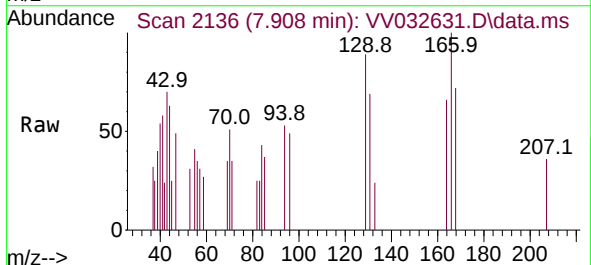


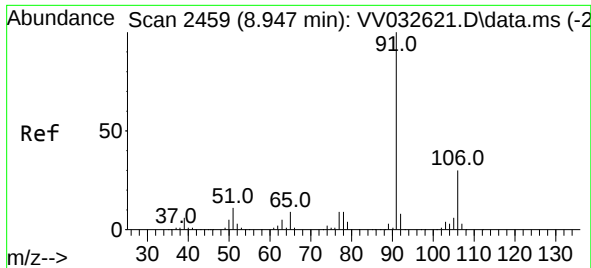
Tgt Ion: 97 Resp: 4025
 Ion Ratio Lower Upper
 97 100
 99 0.0 42.8 79.4#
 83 9.2 60.9 113.1#
 85 0.0 39.4 73.2#



#49
 Dibromochloromethane
 Concen: 0.074 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. -0.270 min
 Lab File: VV032631.D
 Acq: 25 Oct 2023 14:27

Tgt Ion: 129 Resp: 668
 Ion Ratio Lower Upper
 129 100
 127 0.0 57.2 106.2#

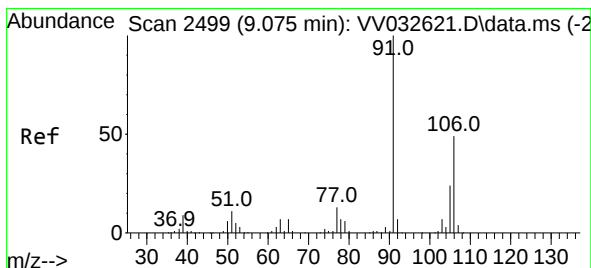
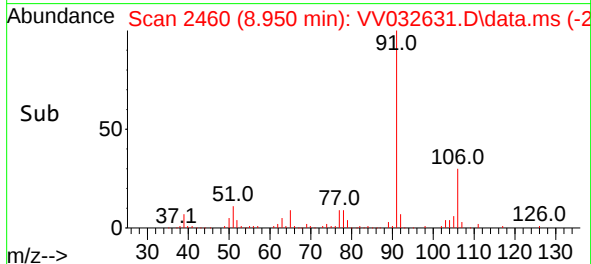
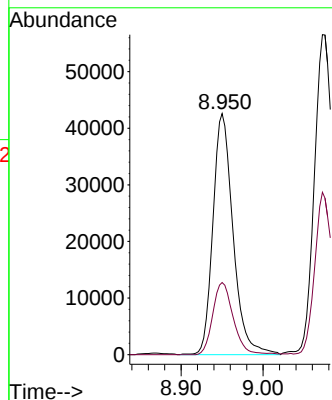
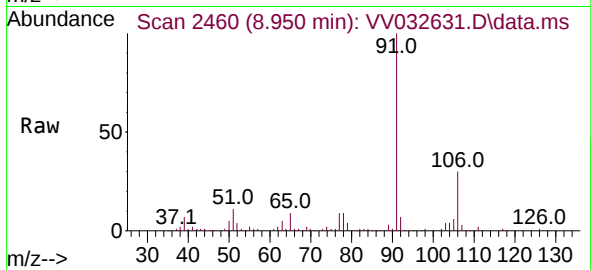




#52
Ethylbenzene
Concen: 1.339 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

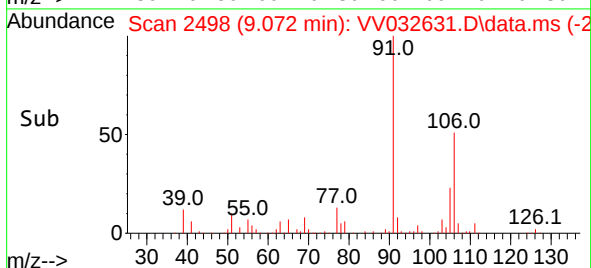
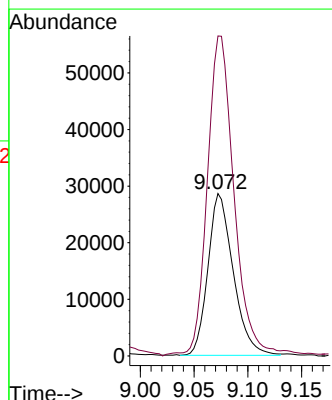
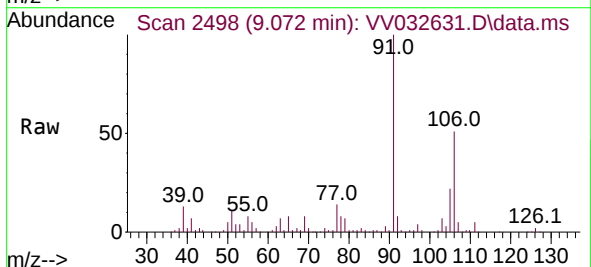
Instrument :
MSVOA_V
ClientSampleId :

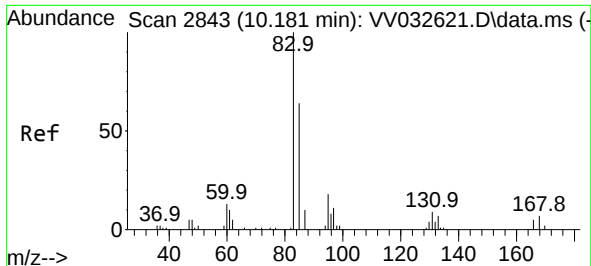
Tgt Ion: 91 Resp: 72856
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 2.314 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion: 106 Resp: 46684
Ion Ratio Lower Upper
106 100
91 197.1 144.5 268.3

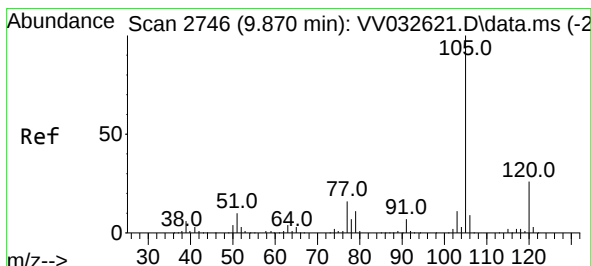
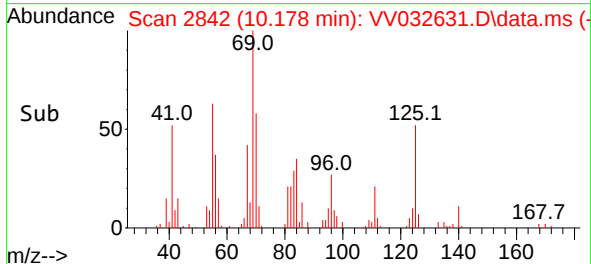
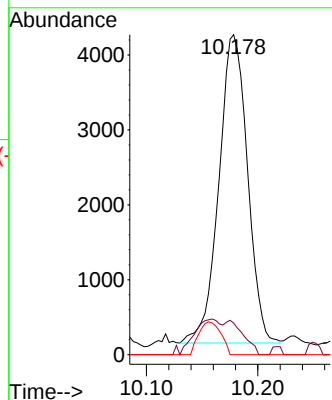
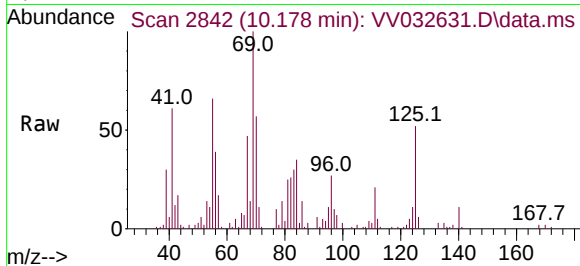




#57
1,1,2,2-Tetrachloroethane
Concen: 0.773 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

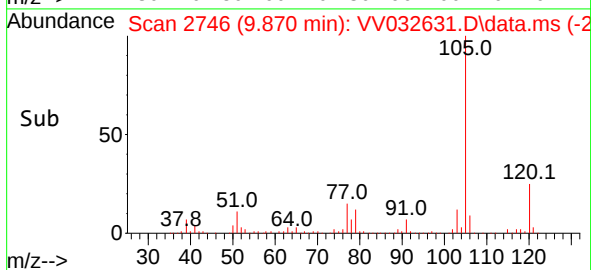
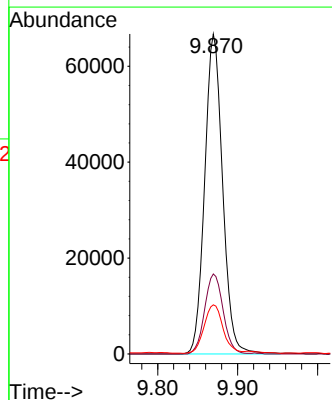
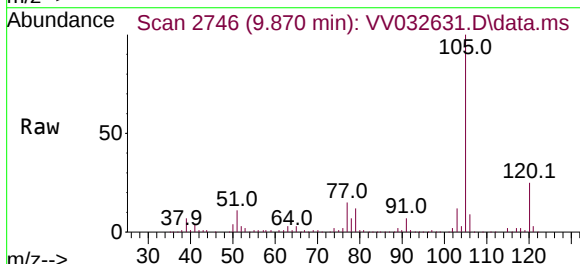
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MSVOA_V
ClientSampleId :

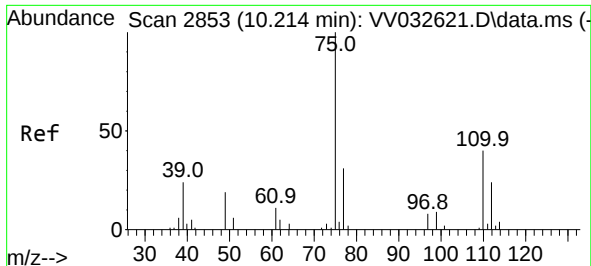
Tgt Ion: 83 Resp: 7353
Ion Ratio Lower Upper
83 100
85 9.9 43.6 81.0#
131 0.0 7.0 10.6#



#60
Isopropylbenzene
Concen: 1.835 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Tgt Ion: 105 Resp: 104199
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.1 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 0.215 ug/L

RT: 10.291 min Scan# 21

Delta R.T. 0.077 min

Lab File: VV032631.D

Acq: 25 Oct 2023 14:27

Instrument :

MSVOA_V

ClientSampleId :

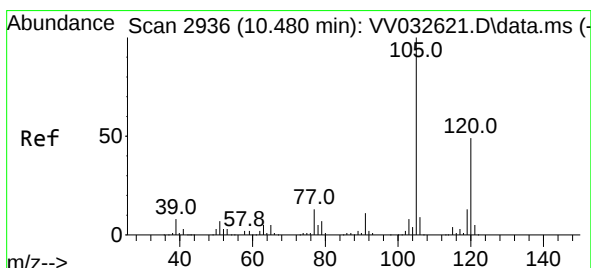
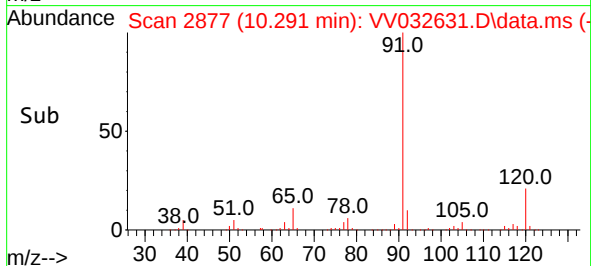
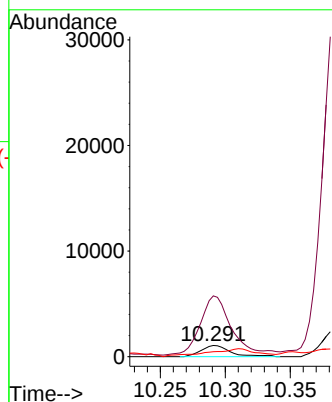
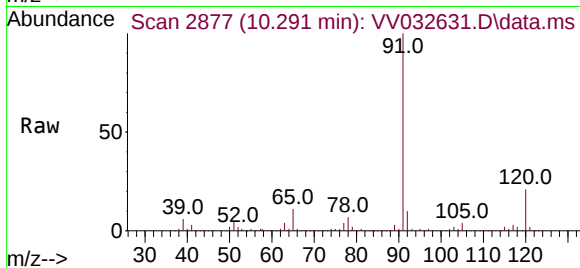
Tgt Ion: 75 Resp: 1671

Ion Ratio Lower Upper

75 100

77 560.4 26.2 39.2#

110 118.1 30.6 46.0#



#62

1,3,5-Trimethylbenzene

Concen: 6.611 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032631.D

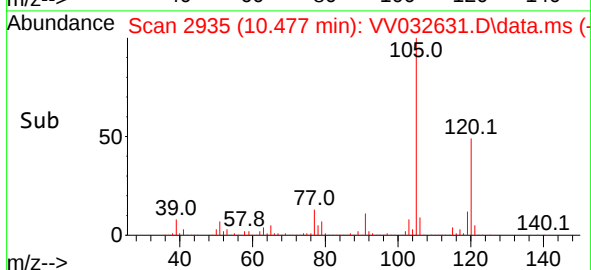
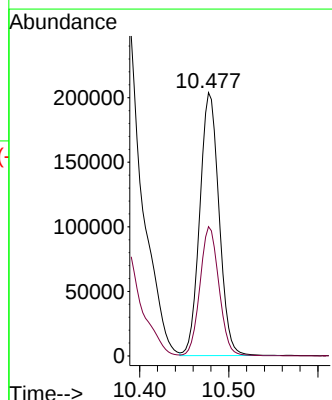
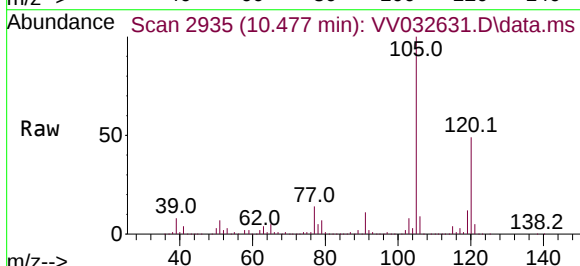
Acq: 25 Oct 2023 14:27

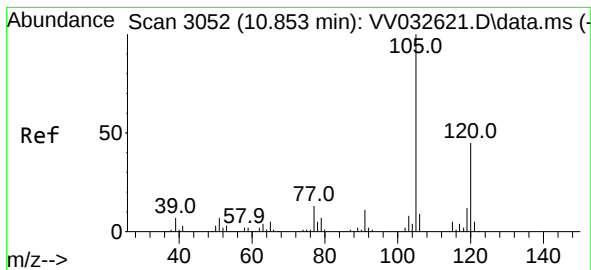
Tgt Ion:105 Resp: 305977

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 7.320 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032631.D

Acq: 25 Oct 2023 14:27

Instrument :

MSVOA_V

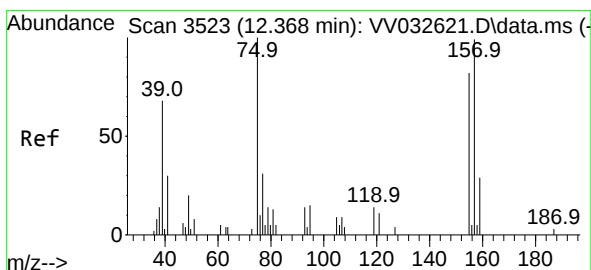
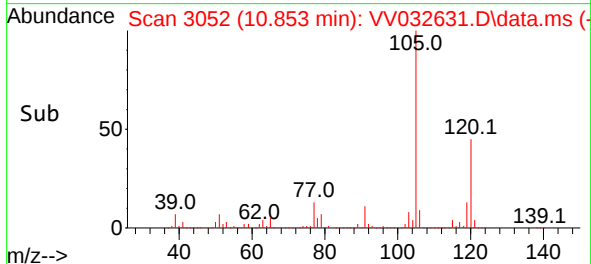
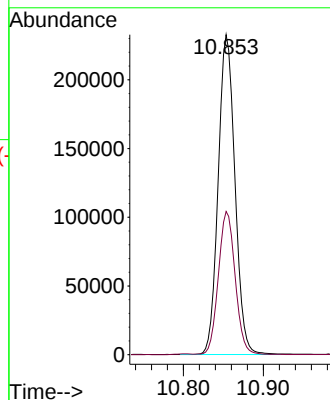
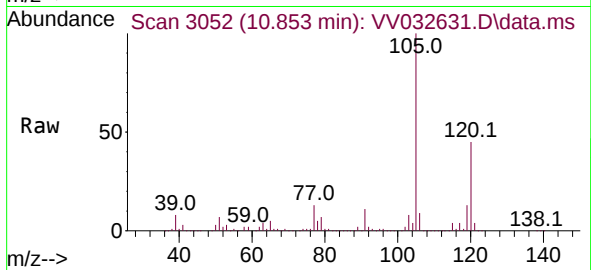
ClientSampleId :

Tgt Ion:105 Resp: 337303

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.432 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.016 min

Lab File: VV032631.D

Acq: 25 Oct 2023 14:27

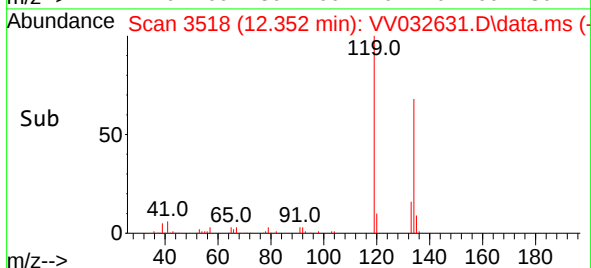
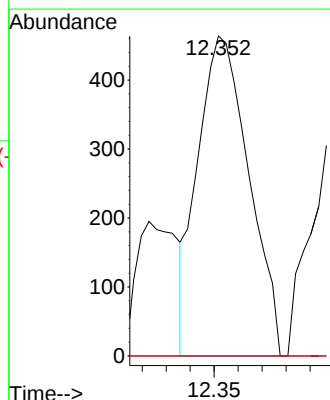
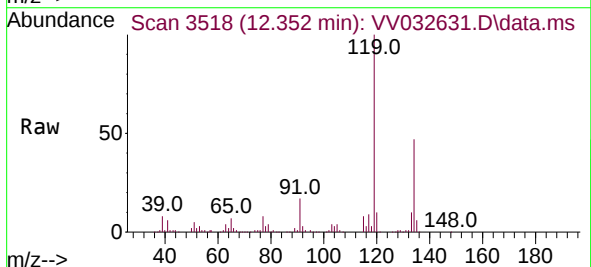
Tgt Ion: 75 Resp: 686

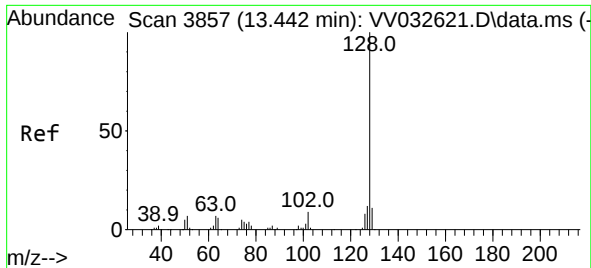
Ion Ratio Lower Upper

75 100

155 0.0 70.2 105.4#

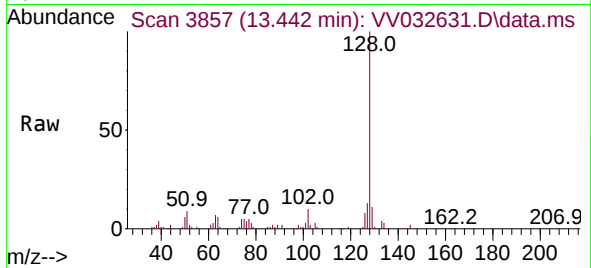
157 0.0 90.6 135.8#





#71
Naphthalene
Concen: 1.408 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032631.D
Acq: 25 Oct 2023 14:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.2	15.2

