

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032539.D
 Acq On : 20 Oct 2023 21:53
 Operator : SY/MD
 Sample : 04950-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:56:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

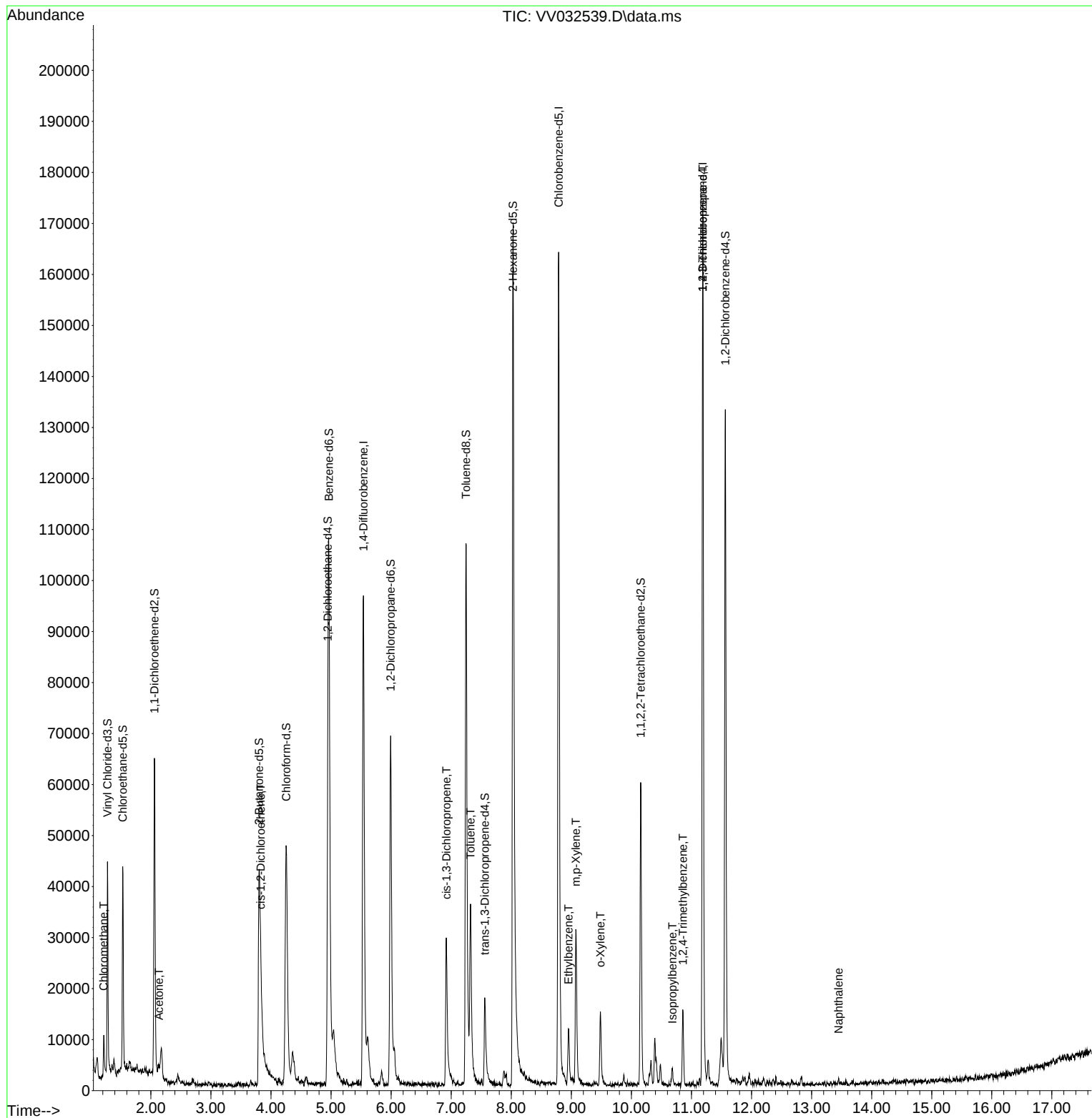
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25137	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.532	69	24988	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	10398	3.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.802	46	76220	46.560	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.120%
24) Chloroform-d	4.252	84	49930	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.947	65	28053	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.963	84	92866	3.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.800%#
36) 1,2-Dichloropropane-d6	5.992	67	32705	3.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.246	98	77027	3.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.400%#
43) trans-1,3-Dichloroprop...	7.561	79	11101	3.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.027	63	61962	42.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28802	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	32299	4.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	5236	0.586	ug/L	92
13) Acetone	2.137	43	2218	1.758	ug/L	96
22) cis-1,2-Dichloroethene	3.831	96	912	0.127	ug/L	95
39) cis-1,3-Dichloropropene	6.921	75	1081	0.089	ug/L	93
42) Toluene	7.323	91	26666	0.787	ug/L	100
52) Ethylbenzene	8.953	91	7252	0.192	ug/L	97
53) m,p-Xylene	9.079	106	8743	0.624	ug/L	95
54) o-Xylene	9.484	106	3805	0.282	ug/L	94
60) Isopropylbenzene	10.683	105	2277	0.069	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	5981	1.321	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.857	105	7569	0.282	ug/L	95
71) Naphthalene	13.451	128	1174	0.067	ug/L #	91

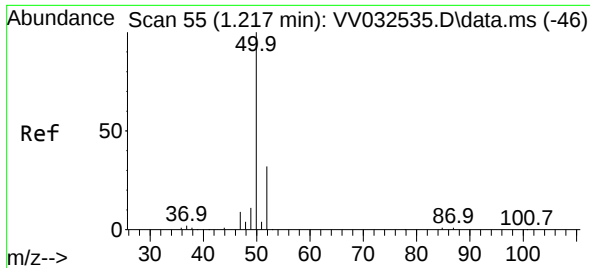
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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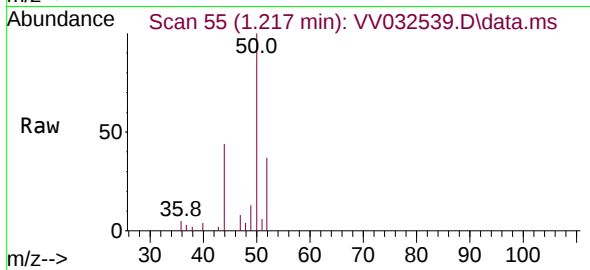
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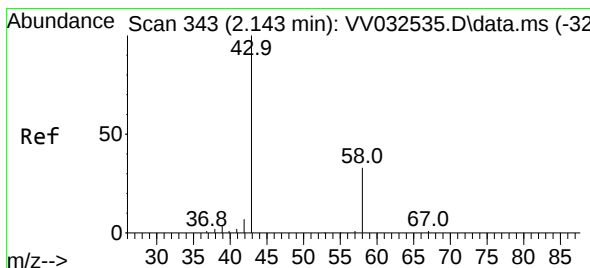
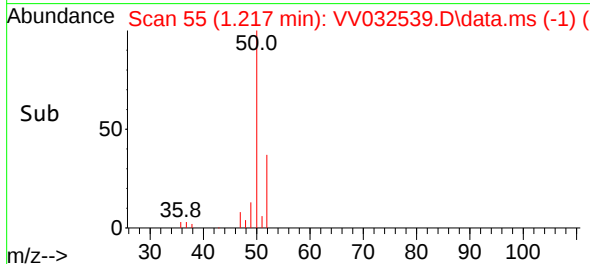
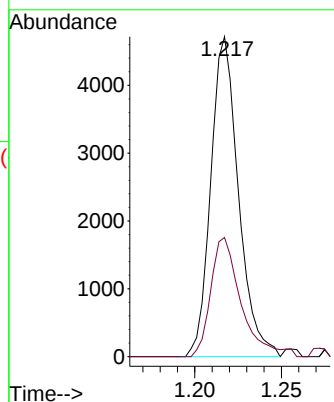


#3
Chloromethane
Concen: 0.586 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Instrument :
MSVOA_V
ClientSampleId :

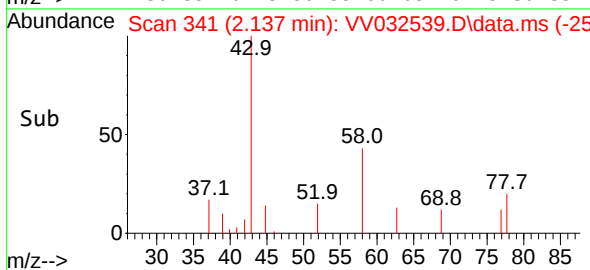
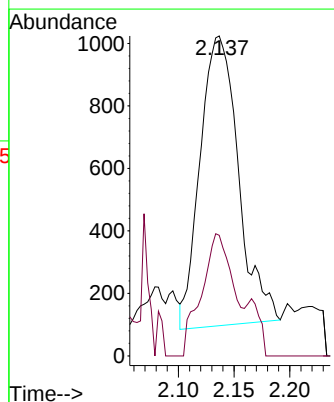
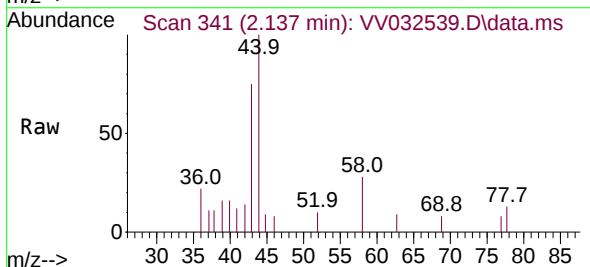


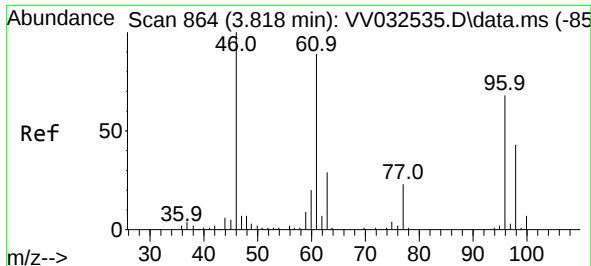
Tgt Ion: 50 Resp: 5236
Ion Ratio Lower Upper
50 100
52 37.3 23.0 42.6



#13
Acetone
Concen: 1.758 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.006 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 35.2 0.0 66.0





#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 3.831 min Scan# 864

Delta R.T. 0.013 min

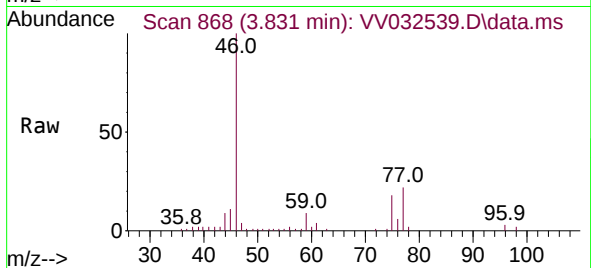
Lab File: VV032539.D

Acq: 20 Oct 2023 21:53

Instrument :

MSVOA_V

ClientSampleId :



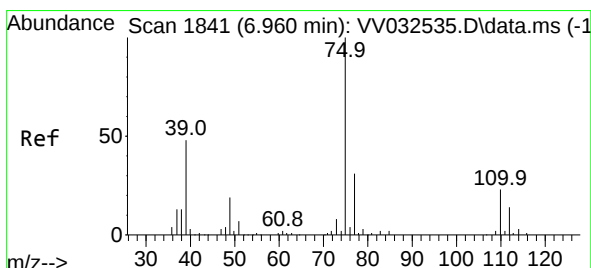
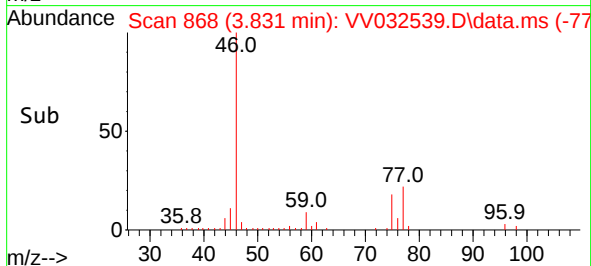
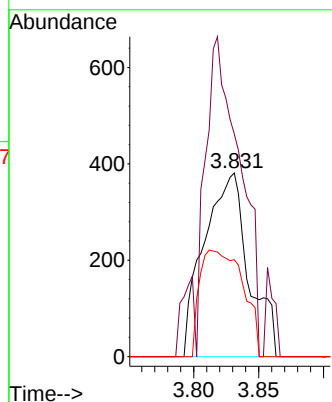
Tgt Ion: 96 Resp: 912

Ion Ratio Lower Upper

96 100

61 121.3 85.8 159.4

98 52.8 44.0 81.6



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV032539.D

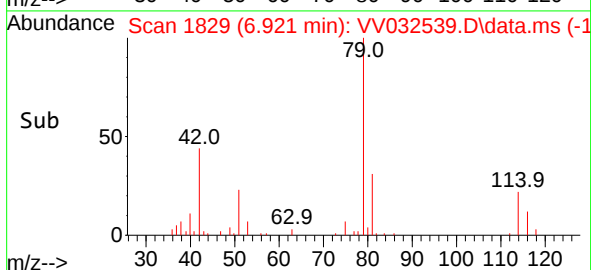
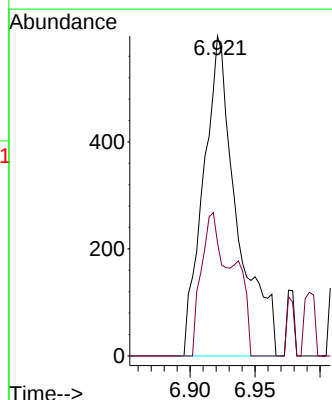
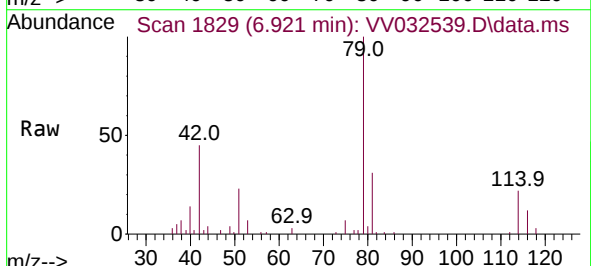
Acq: 20 Oct 2023 21:53

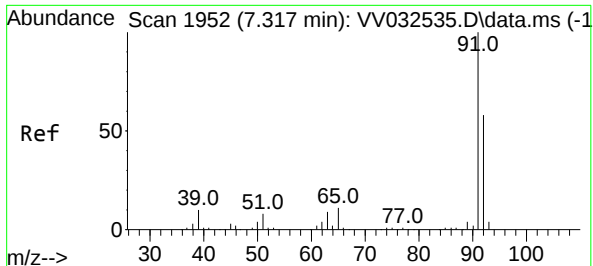
Tgt Ion: 75 Resp: 1081

Ion Ratio Lower Upper

75 100

77 35.5 22.2 41.2





#42

Toluene

Concen: 0.787 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV032539.D

Acq: 20 Oct 2023 21:53

Instrument :

MSVOA_V

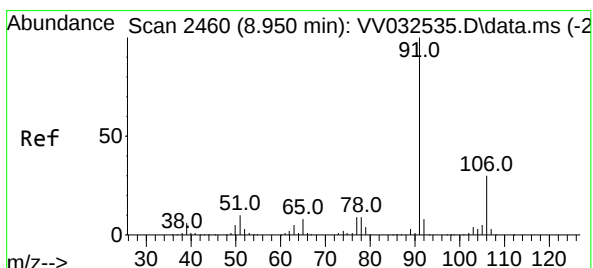
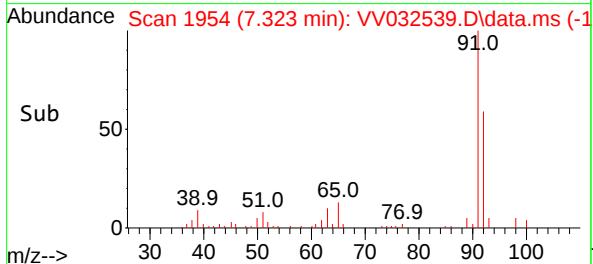
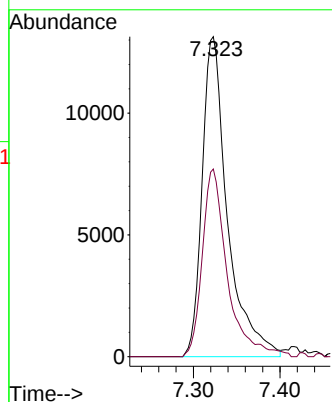
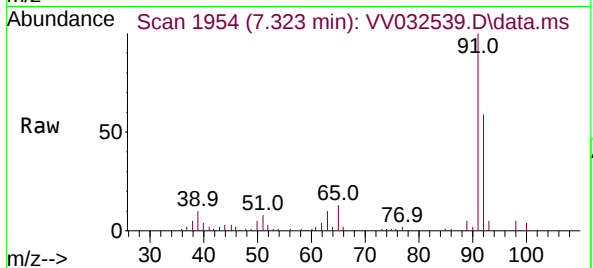
ClientSampleId :

Tgt Ion: 91 Resp: 26666

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#52

Ethylbenzene

Concen: 0.192 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV032539.D

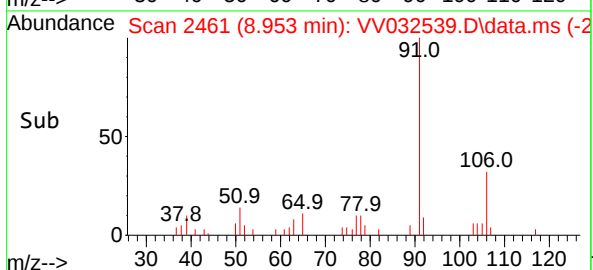
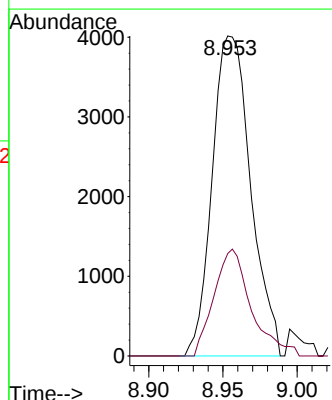
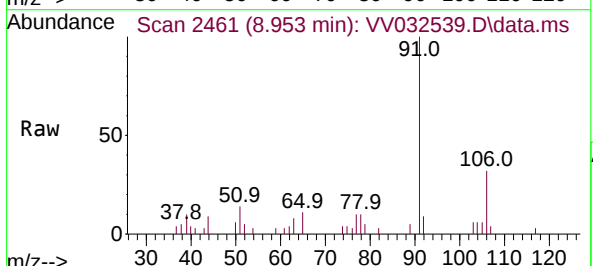
Acq: 20 Oct 2023 21:53

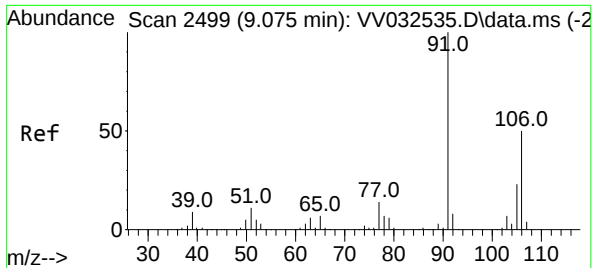
Tgt Ion: 91 Resp: 7252

Ion Ratio Lower Upper

91 100

106 32.0 21.3 39.5

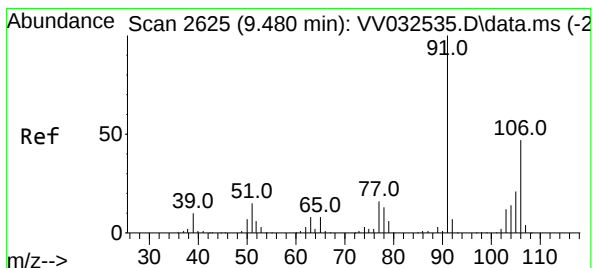
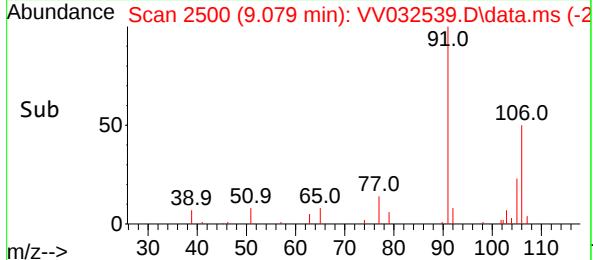
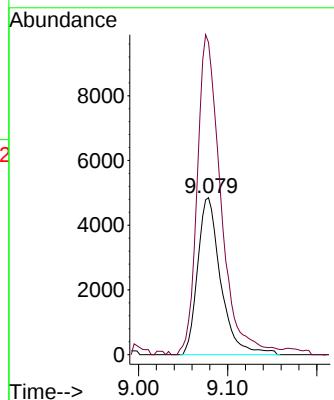
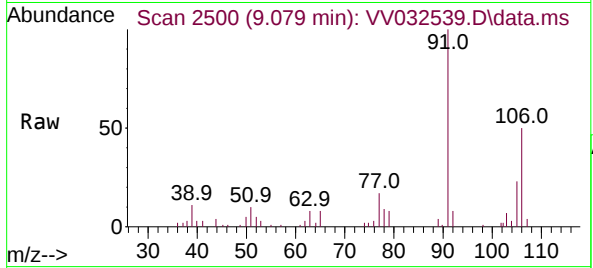




#53
m,p-Xylene
Concen: 0.624 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

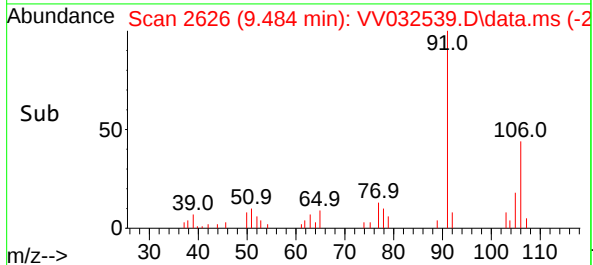
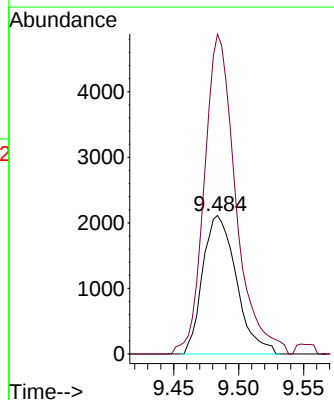
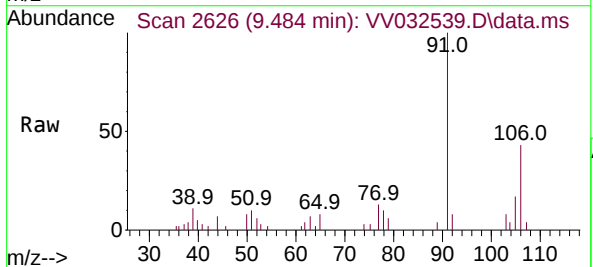
Instrument :
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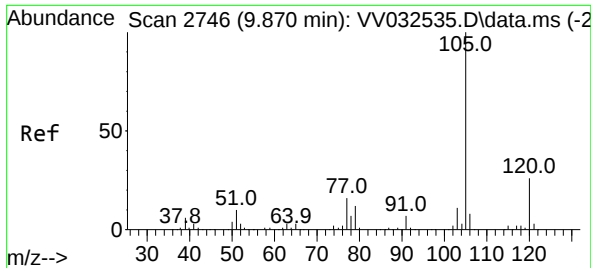
Tgt Ion:106 Resp: 8743
Ion Ratio Lower Upper
106 100
91 198.8 144.5 268.3



#54
o-Xylene
Concen: 0.282 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion:106 Resp: 3805
Ion Ratio Lower Upper
106 100
91 231.0 154.8 287.4

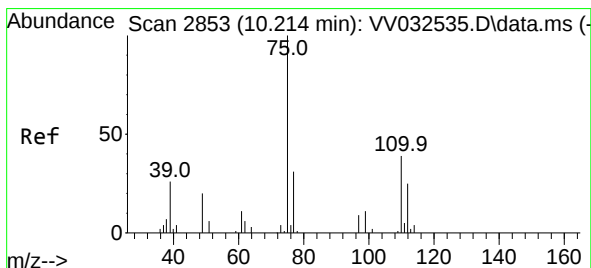
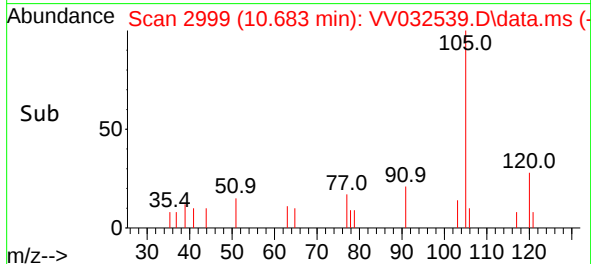
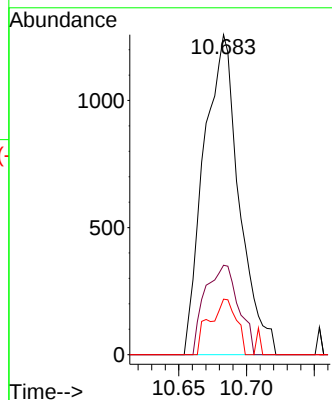
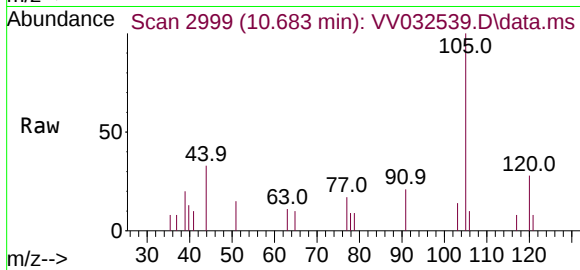




#60
Isopropylbenzene
Concen: 0.069 ug/L
RT: 10.683 min Scan# 2999
Delta R.T. 0.813 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

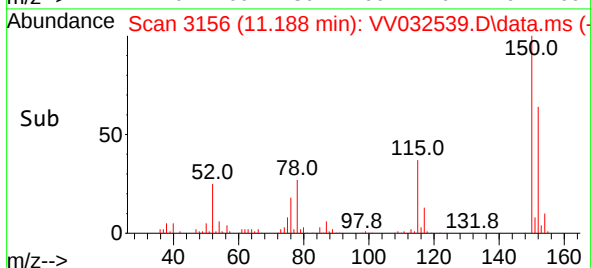
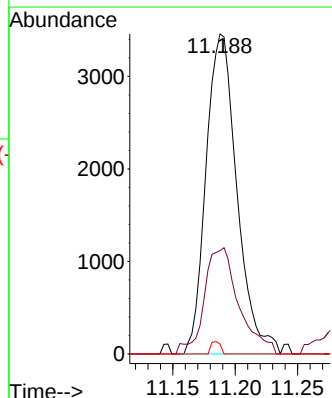
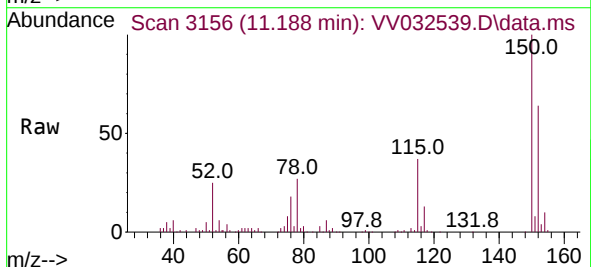
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ClientSampleId :

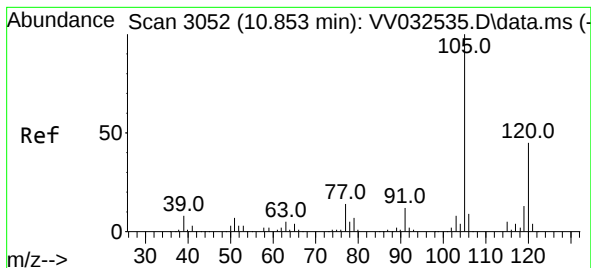
Tgt Ion:	105	Resp:	2277
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.0	31.6
77	13.2	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 1.321 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032539.D
Acq: 20 Oct 2023 21:53

Tgt Ion:	75	Resp:	5981
Ion Ratio	Lower	Upper	
75	100		
77	37.1	26.2	39.2
110	1.2	30.6	46.0





#63

1,2,4-Trimethylbenzene

Concen: 0.282 ug/L

RT: 10.857 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV032539.D

Acq: 20 Oct 2023 21:53

Instrument :

MSVOA_V

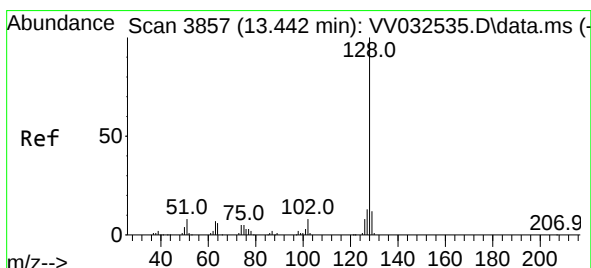
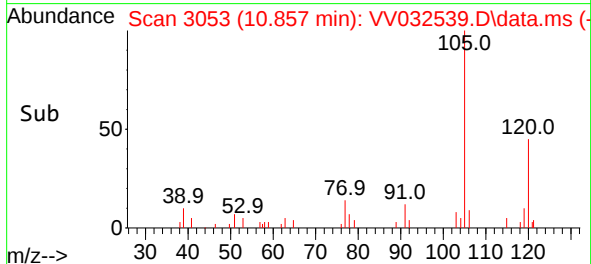
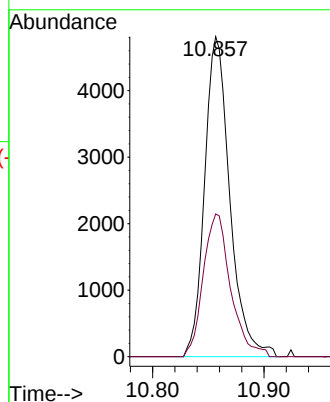
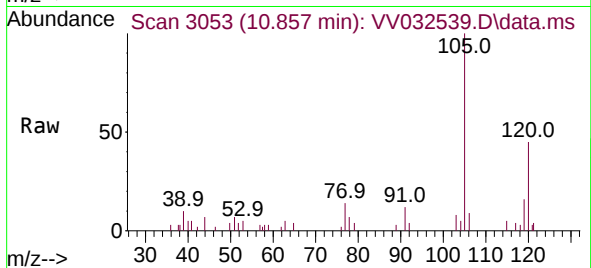
ClientSampleId :

Tgt Ion:105 Resp: 7569

Ion Ratio Lower Upper

105 100

120 48.4 36.2 54.4



#71

Naphthalene

Concen: 0.067 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.010 min

Lab File: VV032539.D

Acq: 20 Oct 2023 21:53

Tgt Ion:128 Resp: 1174

Ion Ratio Lower Upper

128 100

129 3.6 9.0 13.4#

127 12.7 10.2 15.2

