

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032664.D
 Acq On : 26 Oct 2023 15:50
 Operator : SY/MD
 Sample : 05009-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:37:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

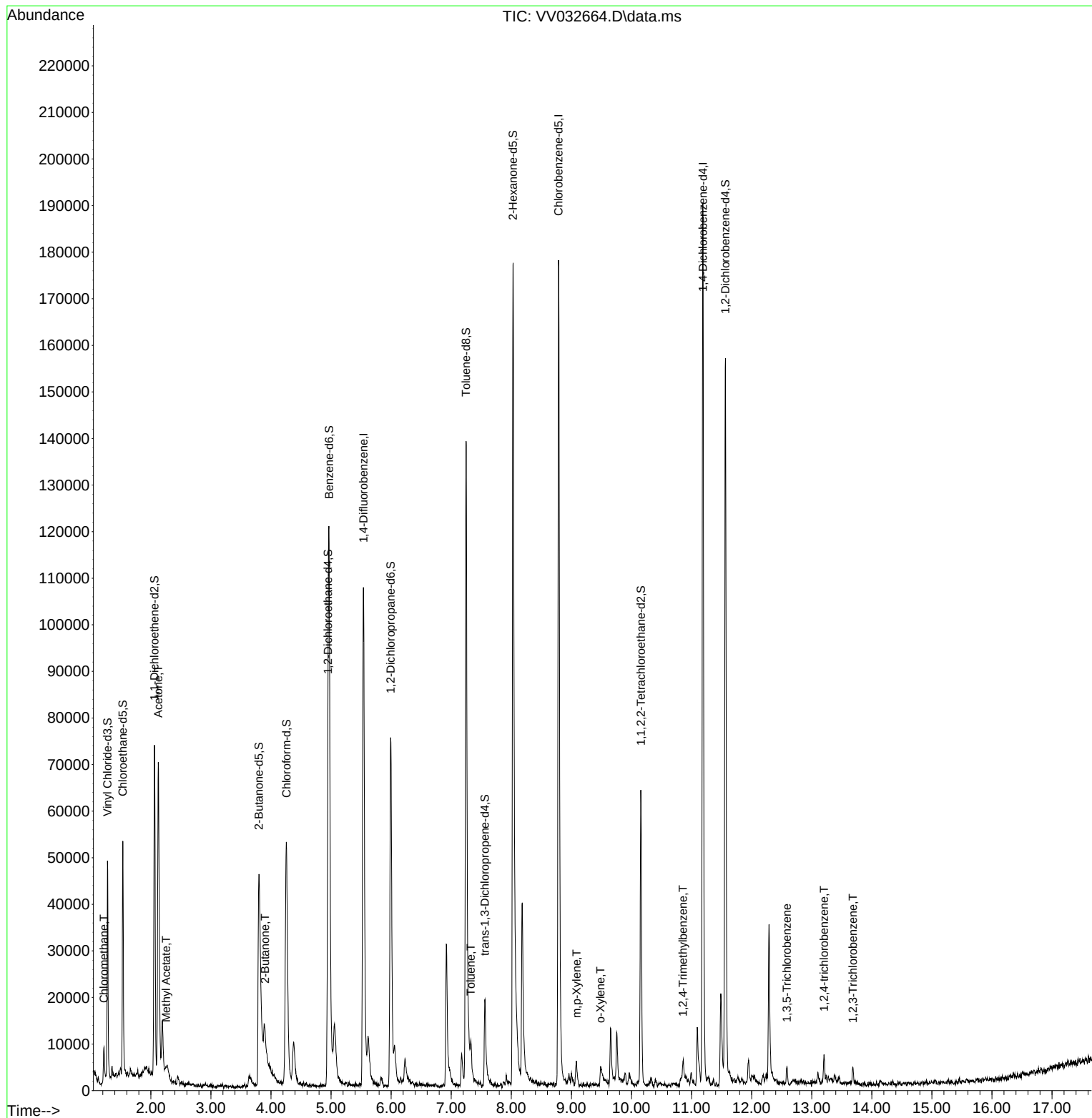
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	90148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	103073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29471	4.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.532	69	30946	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.060	65	12022	3.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.799	46	74879	40.373	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.740%
24) Chloroform-d	4.256	84	55317	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	28795	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.966	84	107791	3.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	5.992	67	34089	3.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.800%
41) Toluene-d8	7.246	98	99265	3.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.558	79	12268	3.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.027	63	61516	36.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29389	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	39291	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4957	0.489	ug/L	95
13) Acetone	2.124	43	79701	55.755	ug/L	96
15) Methyl Acetate	2.256	43	7708	2.395	ug/L #	53
21) 2-Butanone	3.899	43	19581	8.759	ug/L	88
42) Toluene	7.326	91	5210	0.135	ug/L	94
53) m,p-Xylene	9.085	106	1551	0.097	ug/L	87
54) o-Xylene	9.484	106	809	0.053	ug/L	84
63) 1,2,4-Trimethylbenzene	10.857	105	1990	0.068	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	1076	0.085	ug/L #	93
70) 1,2,4-trichlorobenzene	13.207	180	1627	0.144	ug/L	89
72) 1,2,3-Trichlorobenzene	13.686	180	1092	0.112	ug/L	92

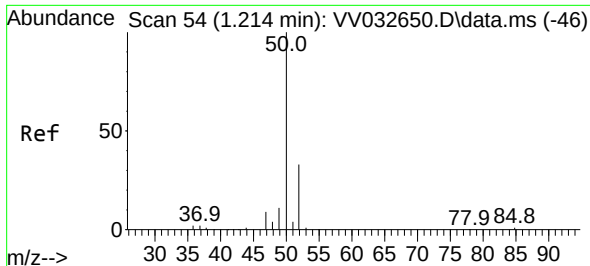
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

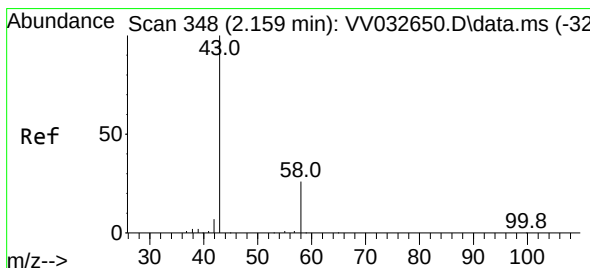
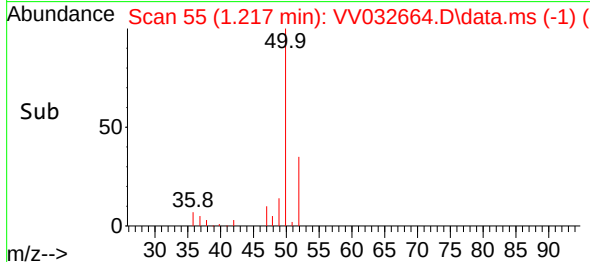
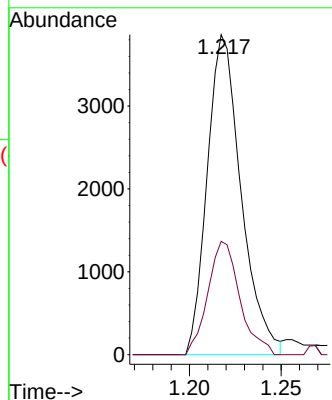
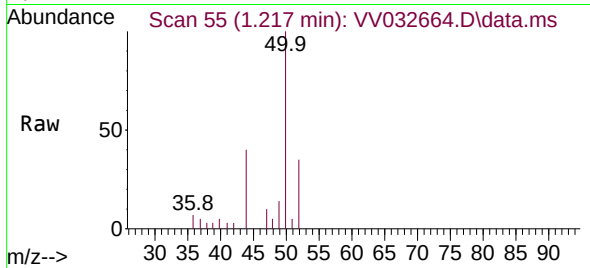




#3
Chloromethane
Concen: 0.489 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

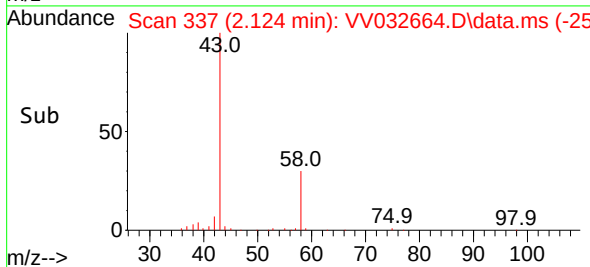
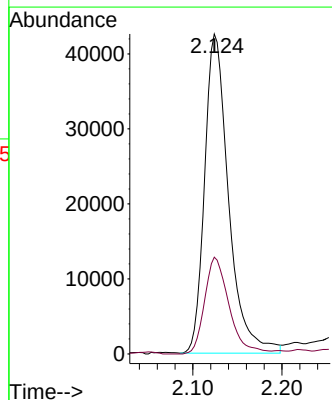
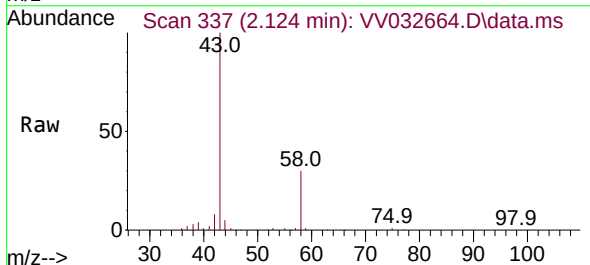
Instrument :
MSVOA_V
ClientSampleId :

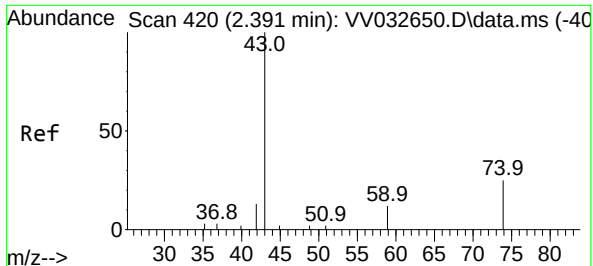
Tgt Ion: 50 Resp: 4957
Ion Ratio Lower Upper
50 100
52 35.4 23.0 42.6



#13
Acetone
Concen: 55.755 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.035 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

Tgt Ion: 43 Resp: 79701
Ion Ratio Lower Upper
43 100
58 30.9 0.0 66.0

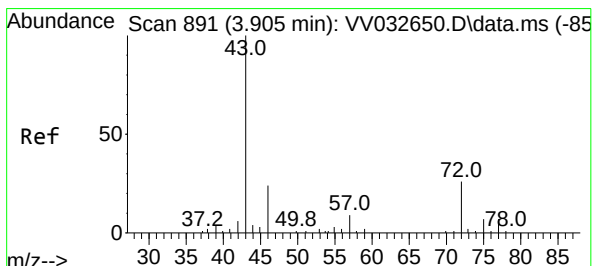
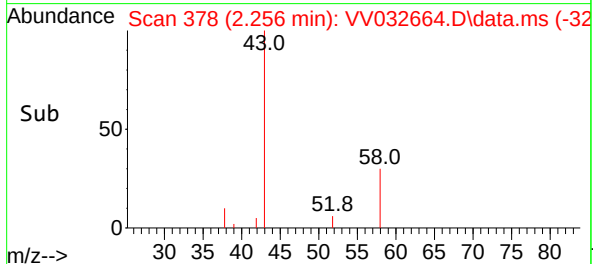
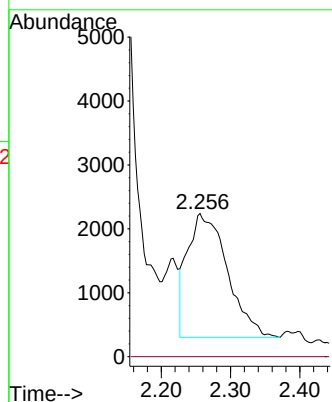
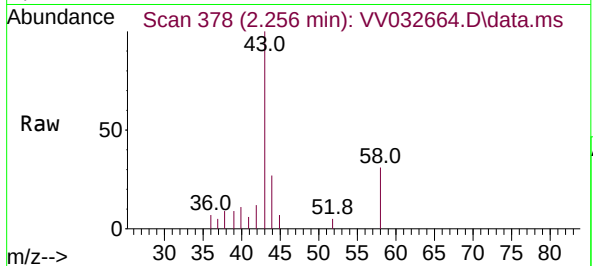




#15
Methyl Acetate
Concen: 2.395 ug/L
RT: 2.256 min Scan# 31
Delta R.T. -0.135 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

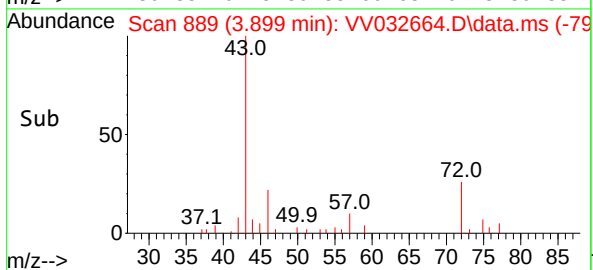
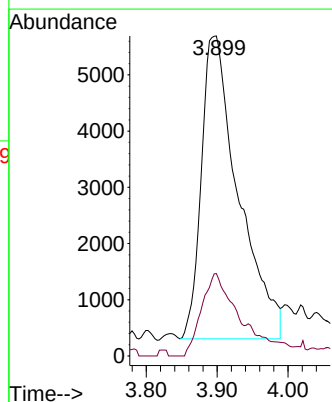
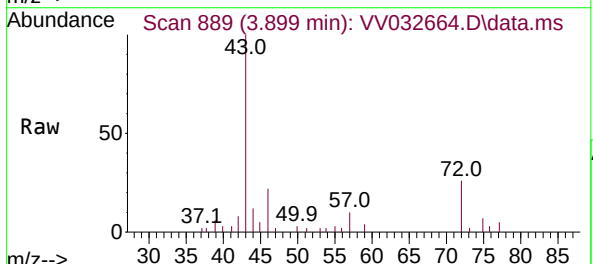
Instrument :
MSVOA_V
ClientSampleId :

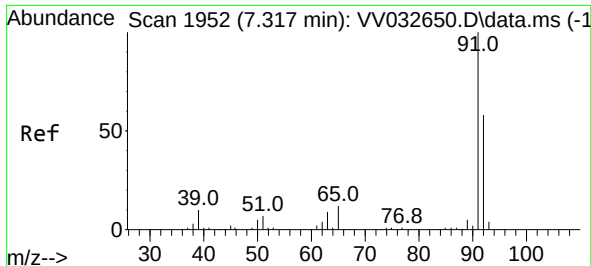
Tgt Ion: 43 Resp: 7708
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#21
2-Butanone
Concen: 8.759 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.006 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

Tgt Ion: 43 Resp: 19581
Ion Ratio Lower Upper
43 100
72 29.2 11.6 34.8





#42

Toluene

Concen: 0.135 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032664.D

Acq: 26 Oct 2023 15:50

Instrument :

MSVOA_V

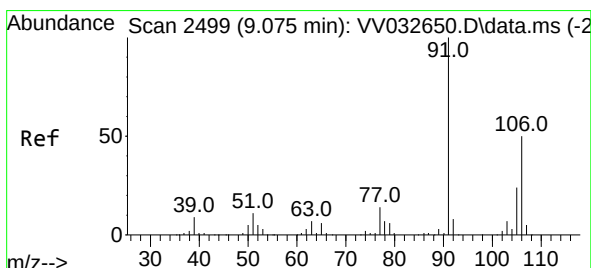
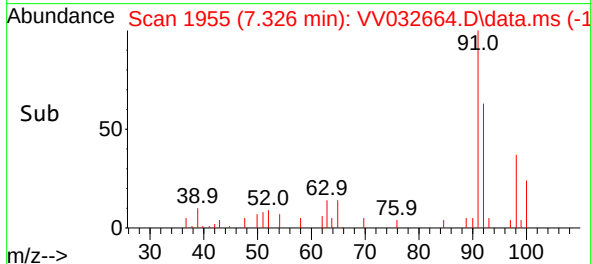
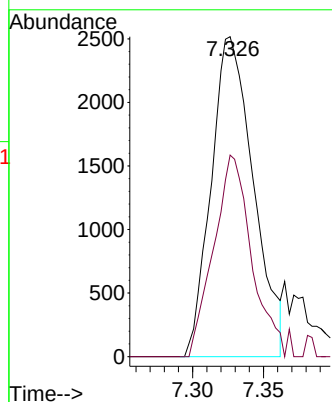
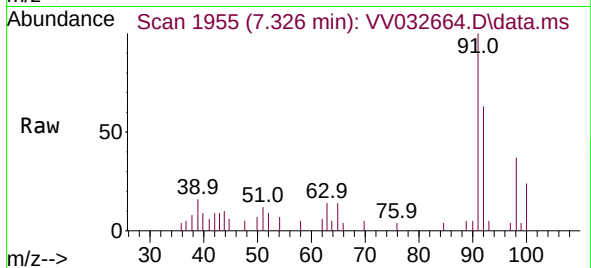
ClientSampleId :

Tgt Ion: 91 Resp: 5210

Ion Ratio Lower Upper

91 100

92 63.0 40.8 75.8



#53

m,p-Xylene

Concen: 0.097 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.010 min

Lab File: VV032664.D

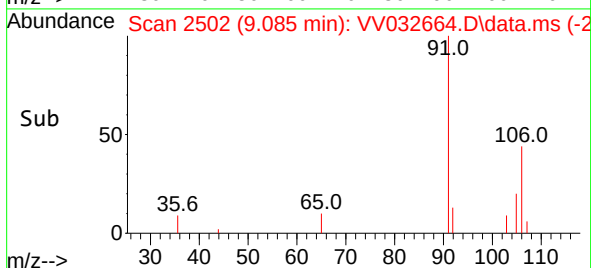
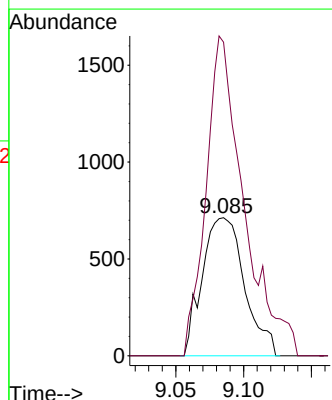
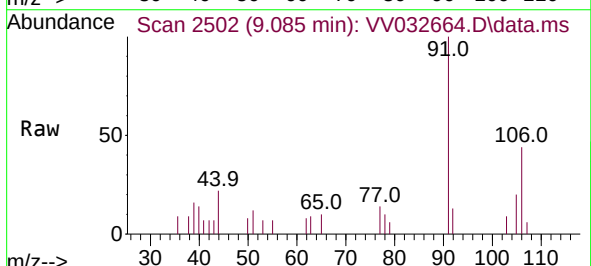
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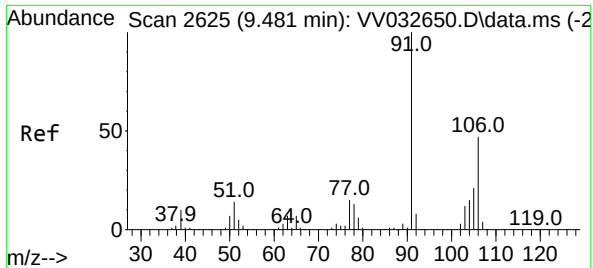
Tgt Ion: 106 Resp: 1551

Ion Ratio Lower Upper

106 100

91 227.1 144.5 268.3

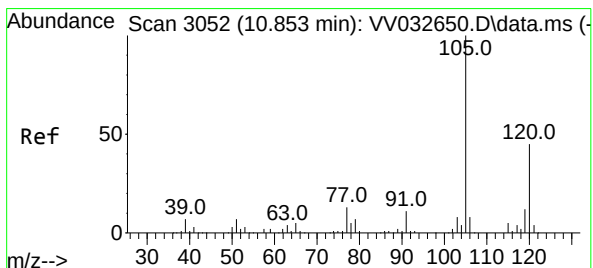
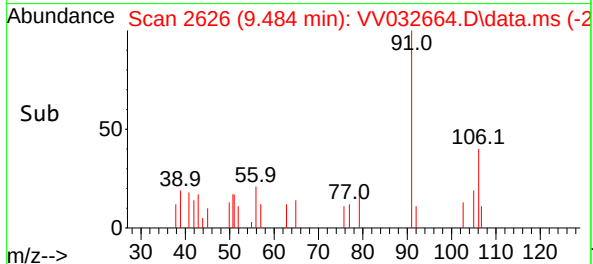
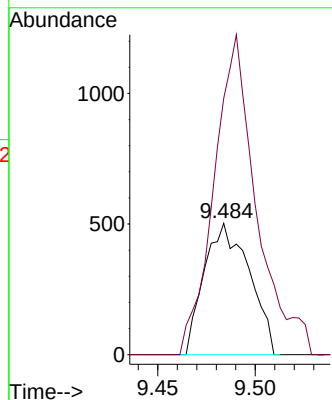
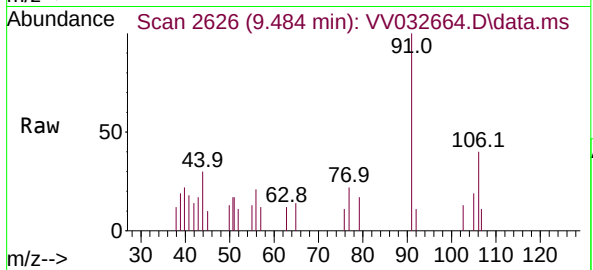




#54
o-Xylene
Concen: 0.053 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

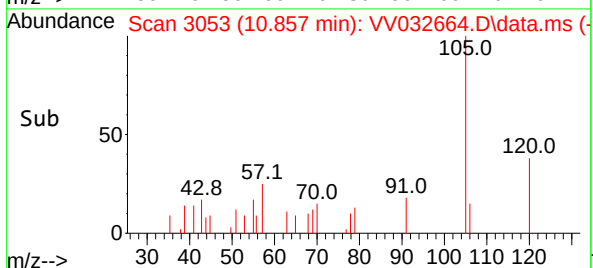
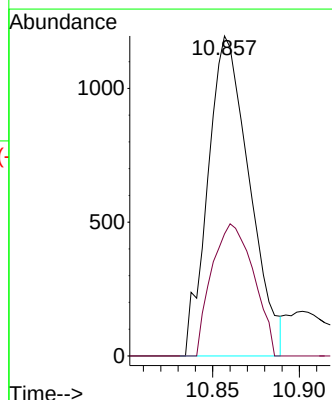
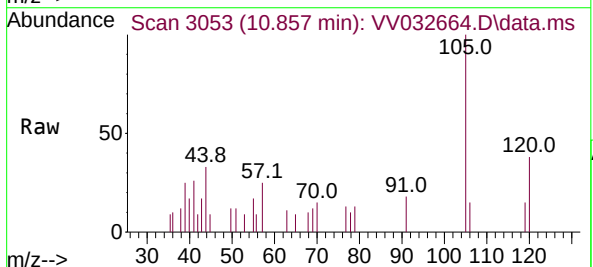
Instrument :
MSVOA_V
ClientSampleId :

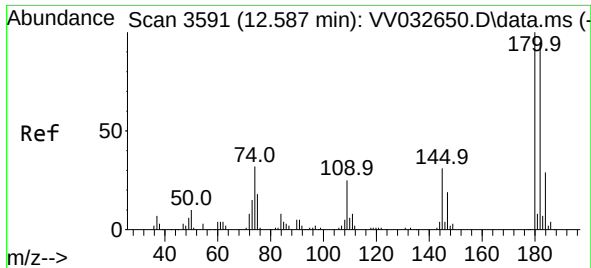
Tgt Ion:106 Resp: 809
Ion Ratio Lower Upper
106 100
91 195.0 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032664.D
Acq: 26 Oct 2023 15:50

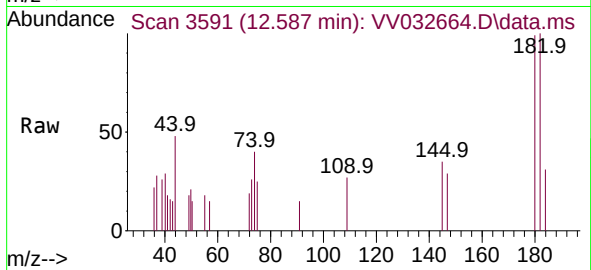
Tgt Ion:105 Resp: 1990
Ion Ratio Lower Upper
105 100
120 41.7 36.2 54.4



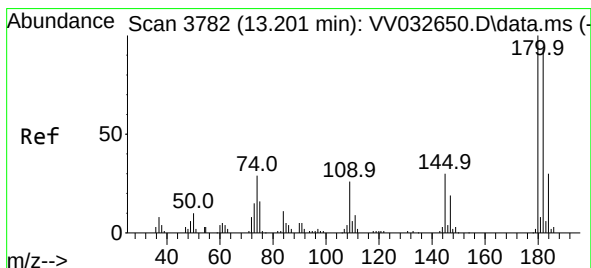
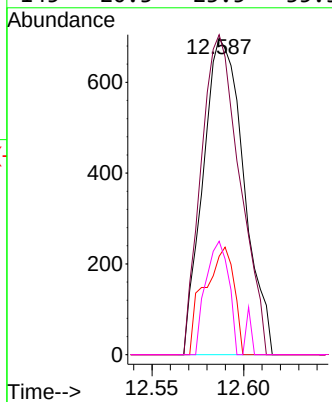
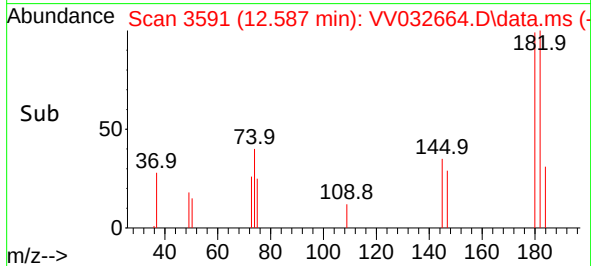


#69
 1,3,5-Trichlorobenzene
 Concen: 0.085 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032664.D
 Acq: 26 Oct 2023 15:50

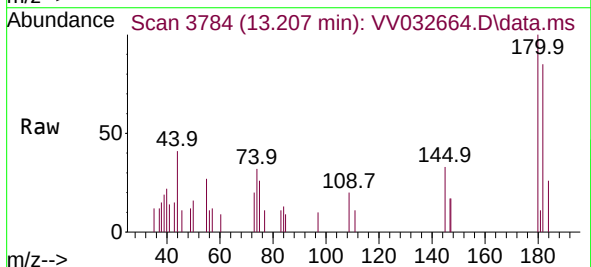
Instrument :
 MSVOA_V
 ClientSampleId :



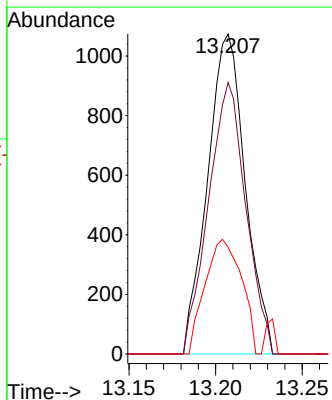
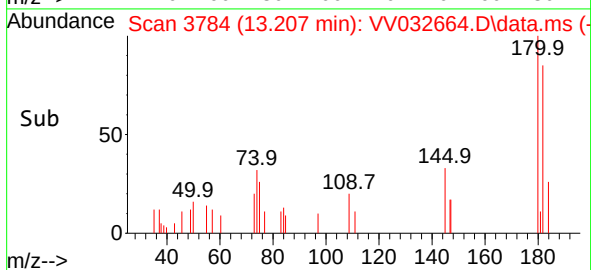
Tgt Ion:180 Resp: 1076
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.6 112.0
 184 24.7 24.1 36.1
 145 20.3 23.5 35.3#

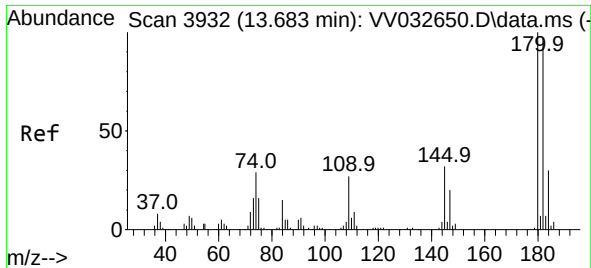


#70
 1,2,4-trichlorobenzene
 Concen: 0.144 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.006 min
 Lab File: VV032664.D
 Acq: 26 Oct 2023 15:50



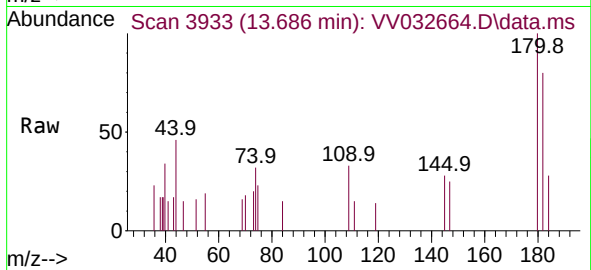
Tgt Ion:180 Resp: 1627
 Ion Ratio Lower Upper
 180 100
 182 84.1 76.5 114.7
 145 34.7 24.3 36.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.112 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV032664.D
 Acq: 26 Oct 2023 15:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1092
 Ion Ratio Lower Upper
 180 100
 182 88.1 77.0 115.4
 145 36.4 25.7 38.5

