

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032515.D
 Acq On : 20 Oct 2023 11:28
 Operator : SY/MD
 Sample : 04950-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:04:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

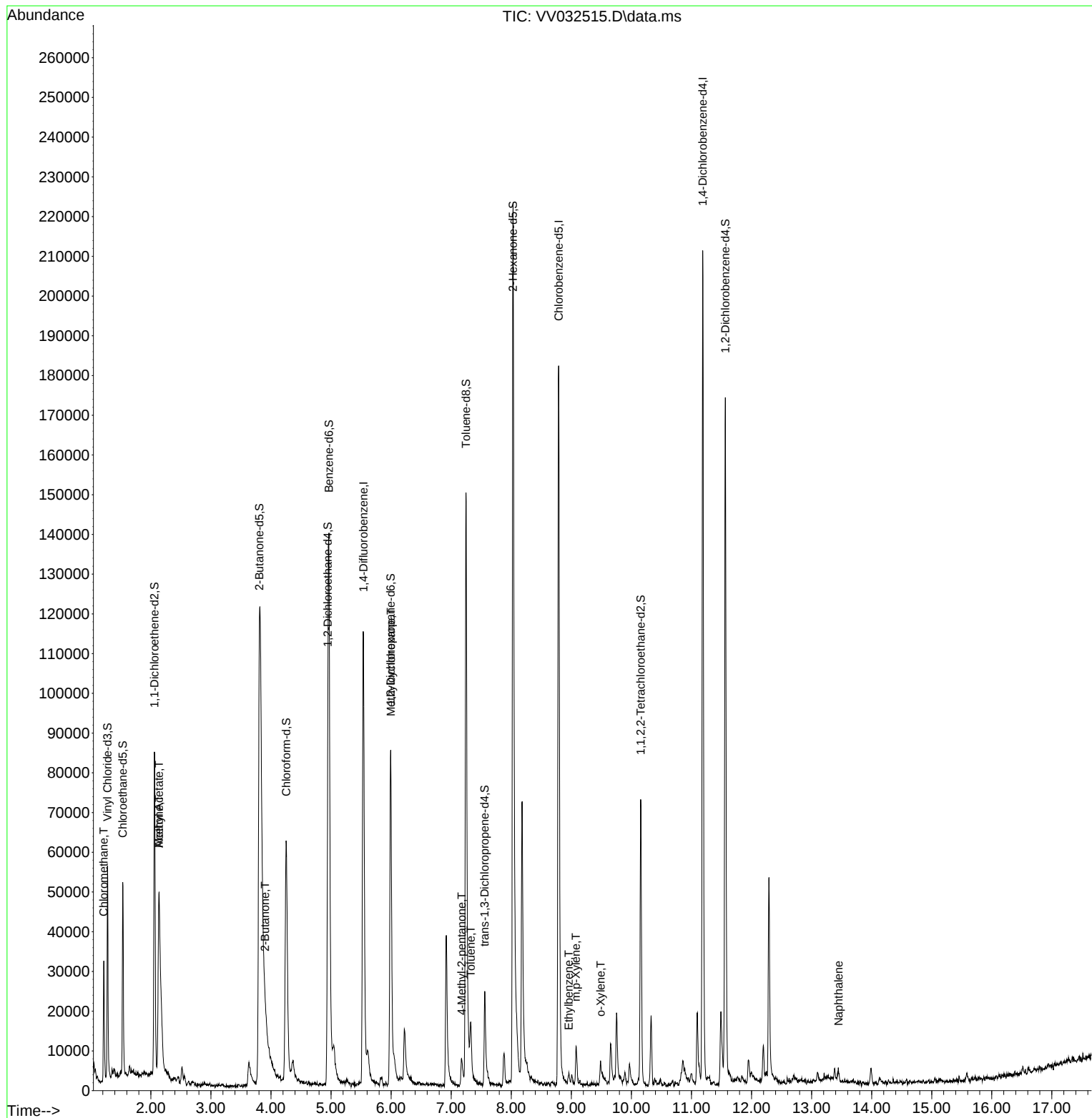
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	92047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50117	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33758	4.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.532	69	30809	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.059	65	13983	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.805	46	105197	55.550	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.100%
24) Chloroform-d	4.252	84	63788	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	34370	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.963	84	121489	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.992	67	40734	4.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.246	98	104518	3.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.558	79	14546	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.030	63	82963	49.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34814	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	40840	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	20098	1.944	ug/L	95
13) Acetone	2.137	43	85554	58.615	ug/L	94
15) Methyl Acetate	2.137	43	83137	25.301	ug/L #	53
21) 2-Butanone	3.902	43	13107	5.742	ug/L	87
35) Methylcyclohexane	5.995	83	10148	0.662	ug/L #	17
40) 4-Methyl-2-pentanone	7.175	43	6637	1.081	ug/L #	78
42) Toluene	7.326	91	11013	0.285	ug/L	98
52) Ethylbenzene	8.956	91	2168	0.050	ug/L	95
53) m,p-Xylene	9.078	106	2723	0.170	ug/L	88
54) o-Xylene	9.487	106	1296	0.084	ug/L	79
71) Naphthalene	13.448	128	1737	0.085	ug/L #	94

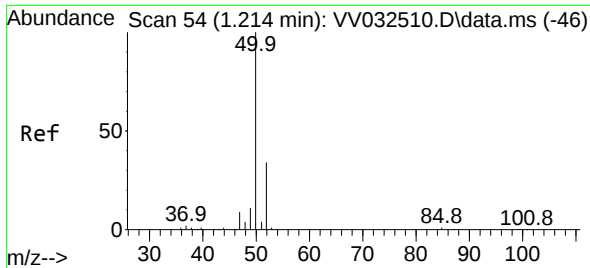
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

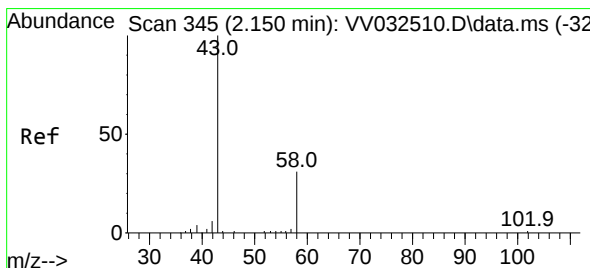
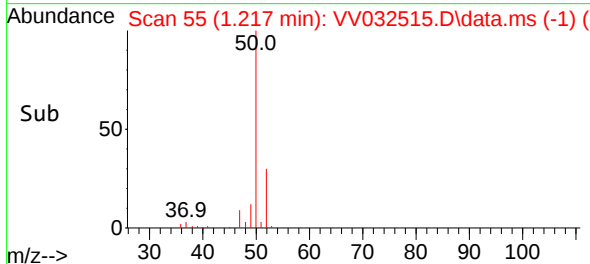
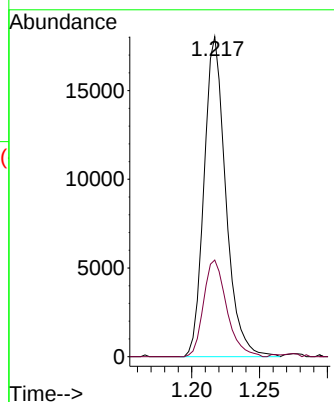
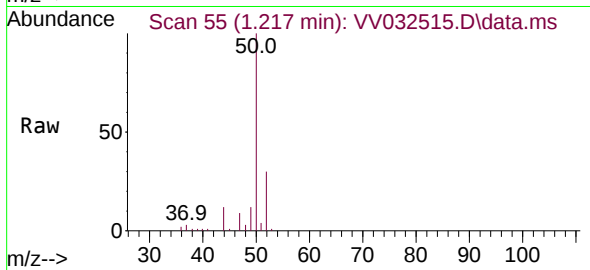




#3
Chloromethane
Concen: 1.944 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

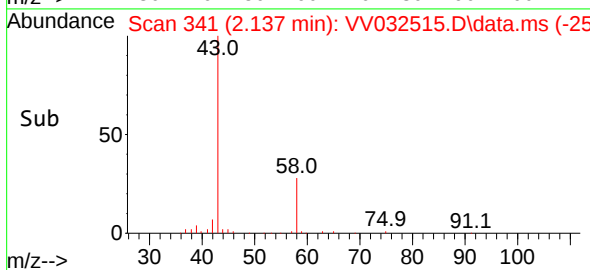
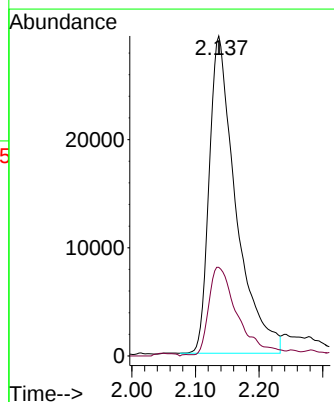
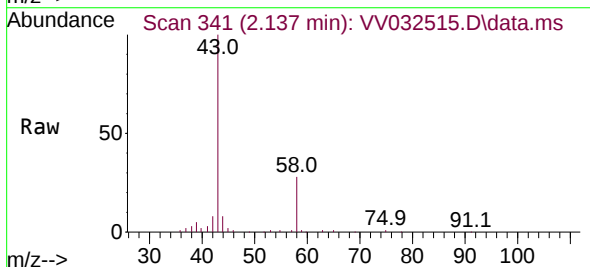
Instrument :
MSVOA_V
ClientSampleId :

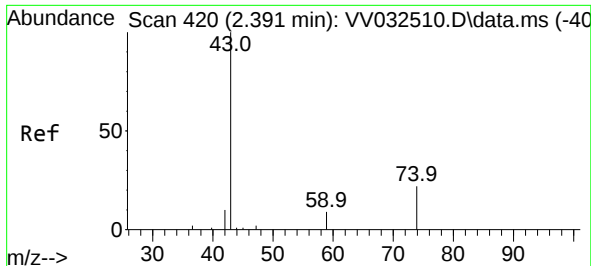
Tgt Ion: 50 Resp: 20098
Ion Ratio Lower Upper
50 100
52 30.2 23.0 42.6



#13
Acetone
Concen: 58.615 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.013 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

Tgt Ion: 43 Resp: 85554
Ion Ratio Lower Upper
43 100
58 29.4 0.0 66.0

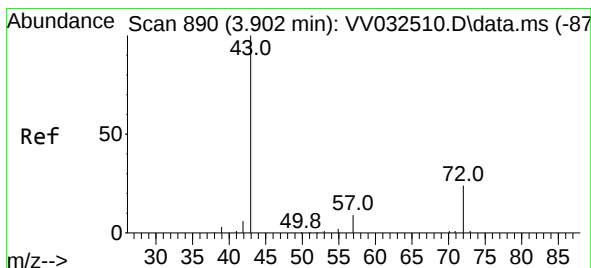
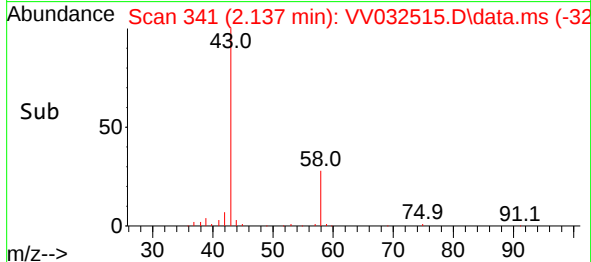
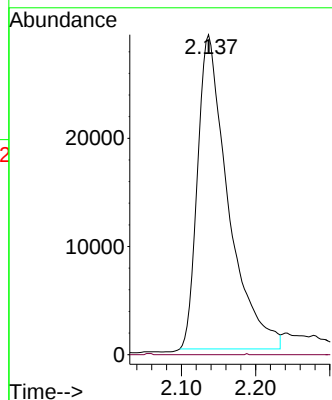
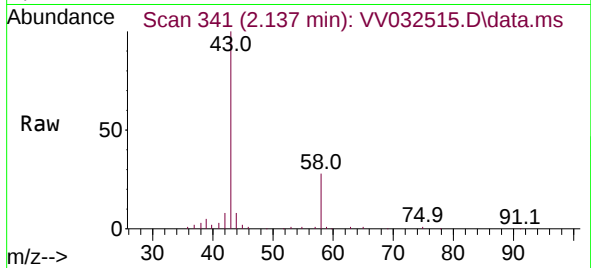




#15
Methyl Acetate
Concen: 25.301 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.254 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

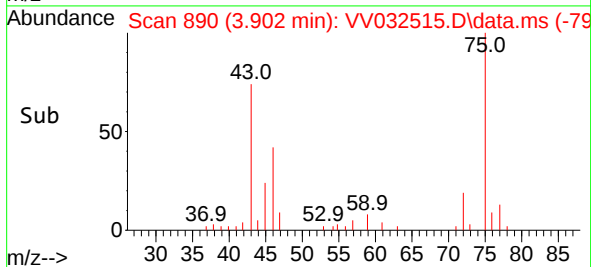
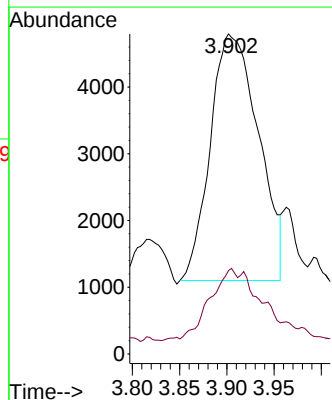
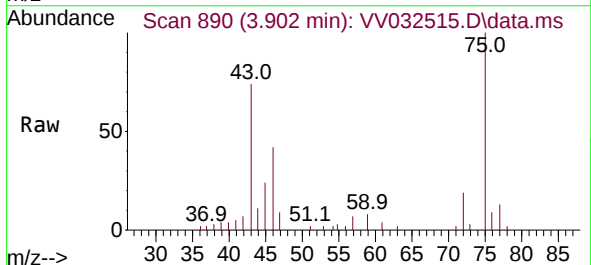
Instrument :
MSVOA_V
ClientSampleId :

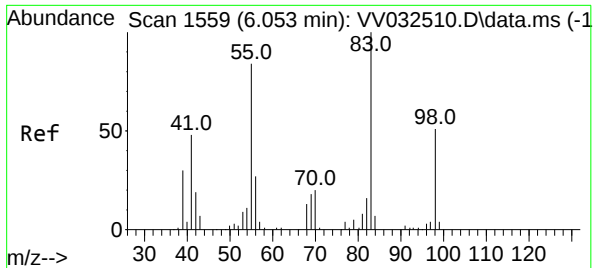
Tgt Ion: 43 Resp: 83137
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#21
2-Butanone
Concen: 5.742 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

Tgt Ion: 43 Resp: 13107
Ion Ratio Lower Upper
43 100
72 16.7 11.6 34.8

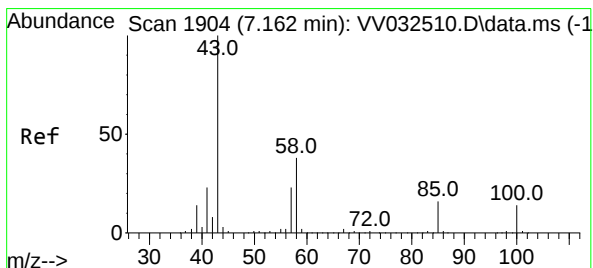
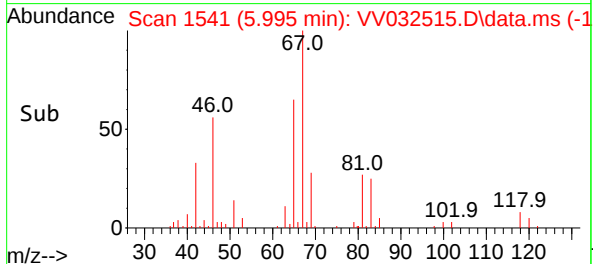
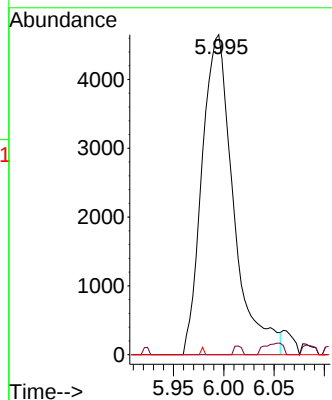
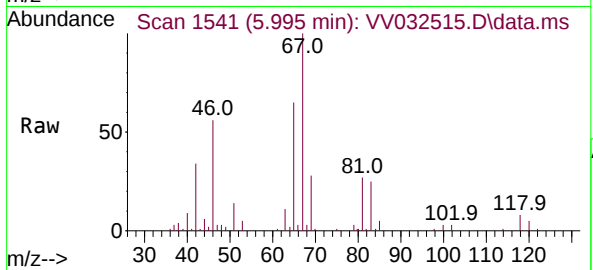




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

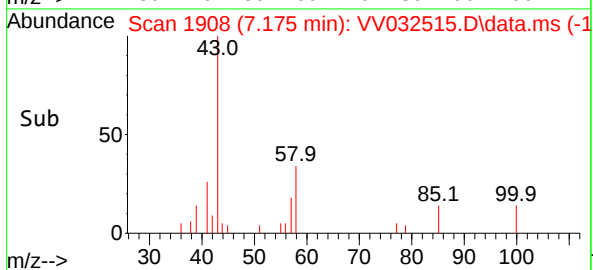
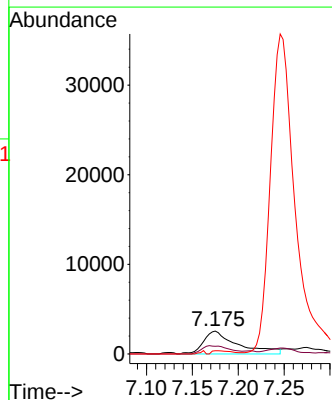
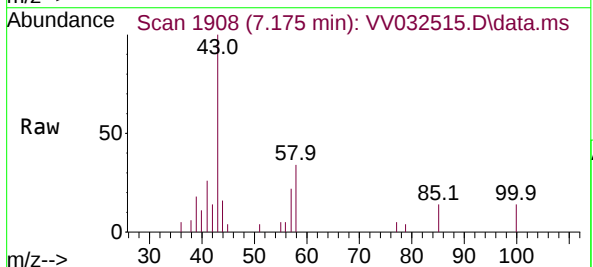
Instrument :
MSVOA_V
ClientSampleId :

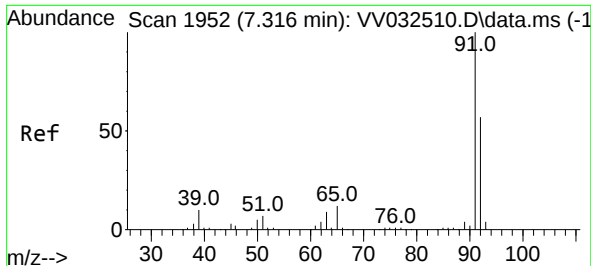
Tgt Ion: 83 Resp: 10148
Ion Ratio Lower Upper
83 100
55 0.7 64.2 96.2#
98 0.2 39.6 59.4#



#40
4-Methyl-2-pentanone
Concen: 1.081 ug/L
RT: 7.175 min Scan# 1908
Delta R.T. 0.013 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
58 29.1 31.9 47.9#
100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.285 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032515.D

Acq: 20 Oct 2023 11:28

Instrument :

MSVOA_V

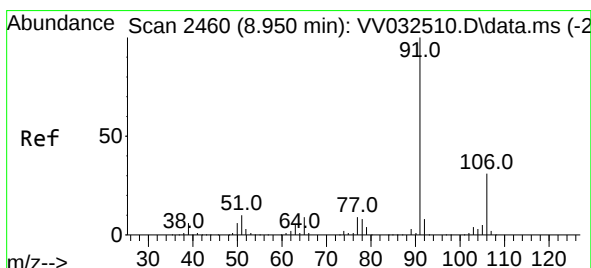
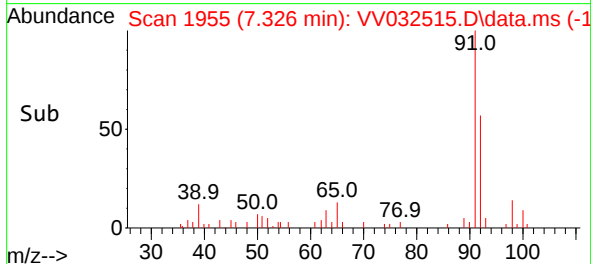
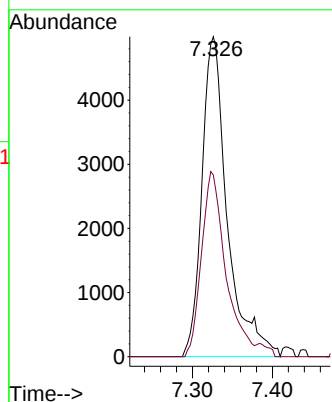
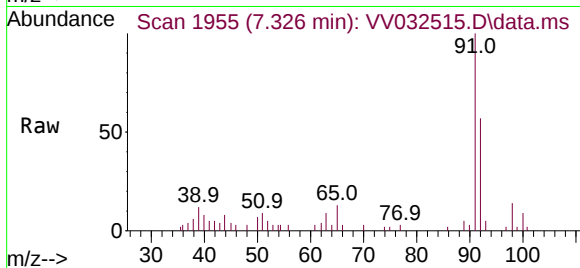
ClientSampleId :

Tgt Ion: 91 Resp: 11013

Ion Ratio Lower Upper

91 100

92 56.8 40.8 75.8



#52

Ethylbenzene

Concen: 0.050 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032515.D

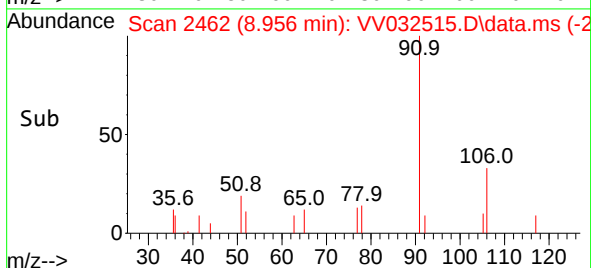
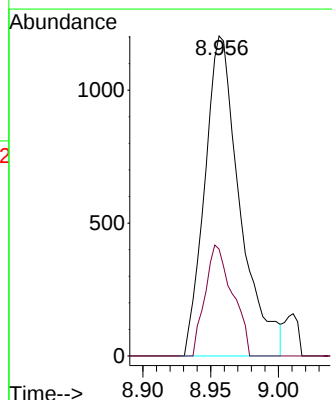
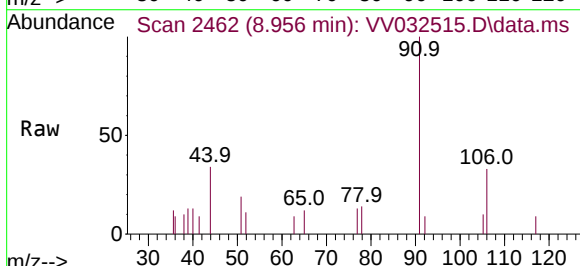
Acq: 20 Oct 2023 11:28

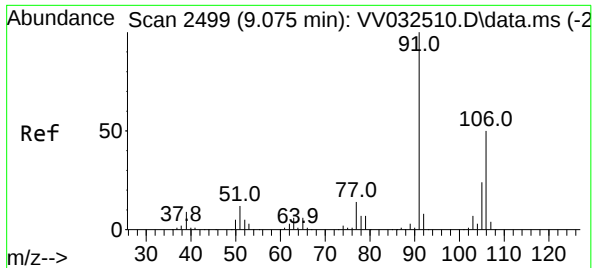
Tgt Ion: 91 Resp: 2168

Ion Ratio Lower Upper

91 100

106 33.4 21.3 39.5

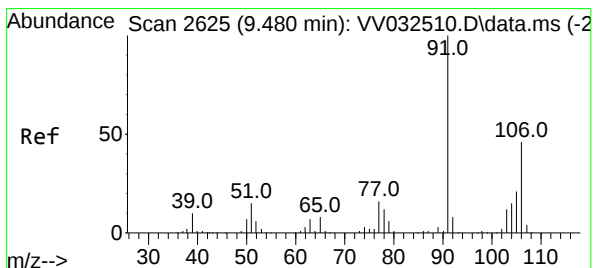
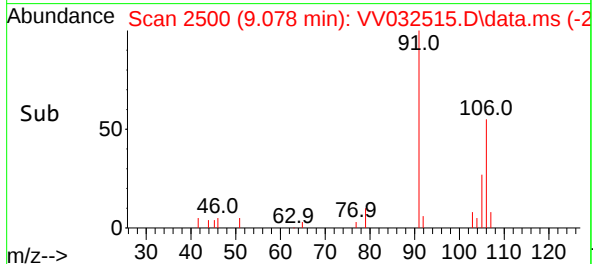
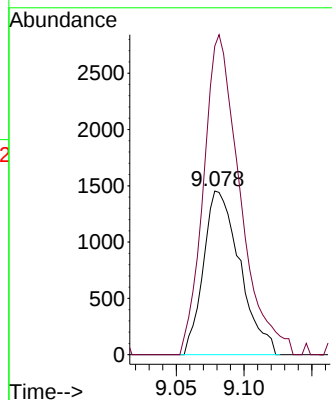
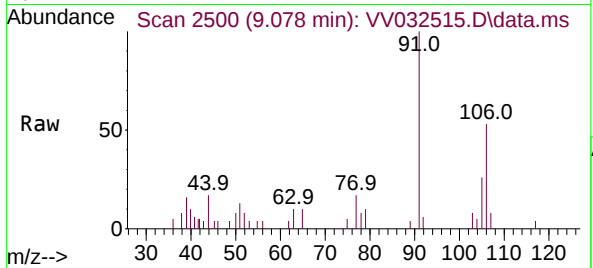




#53
m,p-Xylene
Concen: 0.170 ug/L
RT: 9.078 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

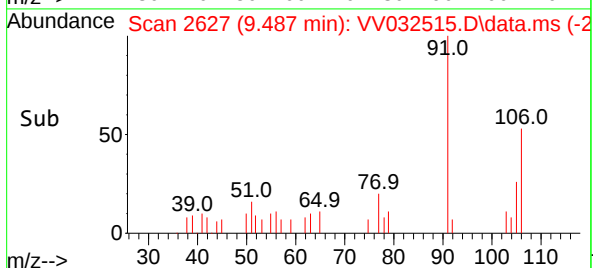
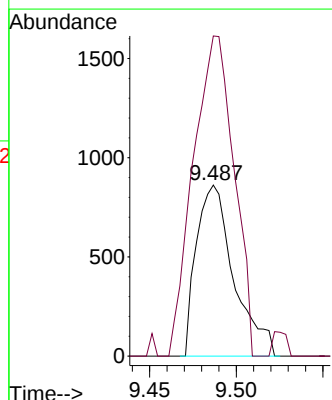
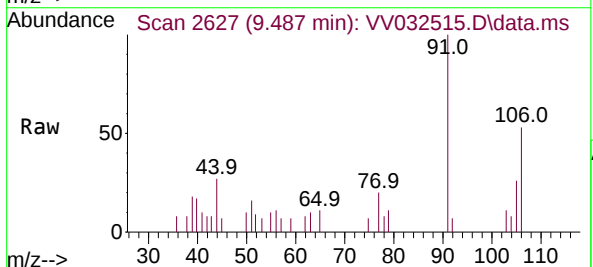
Instrument :
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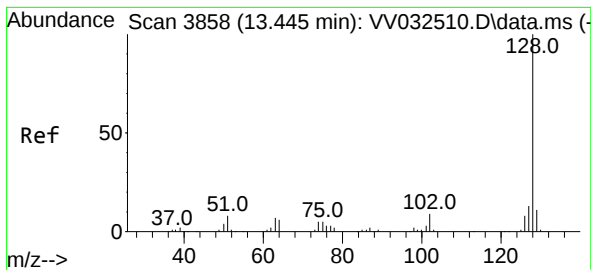
Tgt Ion:106 Resp: 2723
Ion Ratio Lower Upper
106 100
91 188.4 144.5 268.3



#54
o-Xylene
Concen: 0.084 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032515.D
Acq: 20 Oct 2023 11:28

Tgt Ion:106 Resp: 1296
Ion Ratio Lower Upper
106 100
91 187.2 154.8 287.4





#71

Naphthalene

Concen: 0.085 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.003 min

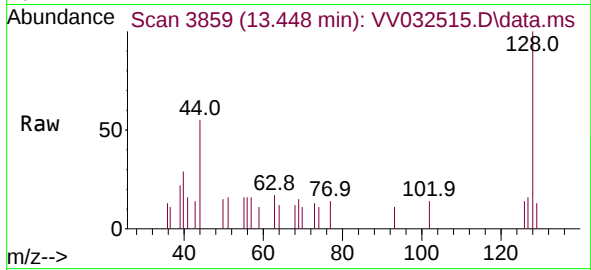
Lab File: VV032515.D

Acq: 20 Oct 2023 11:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1737

Ion Ratio Lower Upper

128 100

129 8.7 9.0 13.4#

127 15.0 10.2 15.2

