

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032258.D
 Acq On : 05 Oct 2023 16:09
 Operator : SY/MD
 Sample : 04748-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX861

Quant Time: Oct 06 01:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

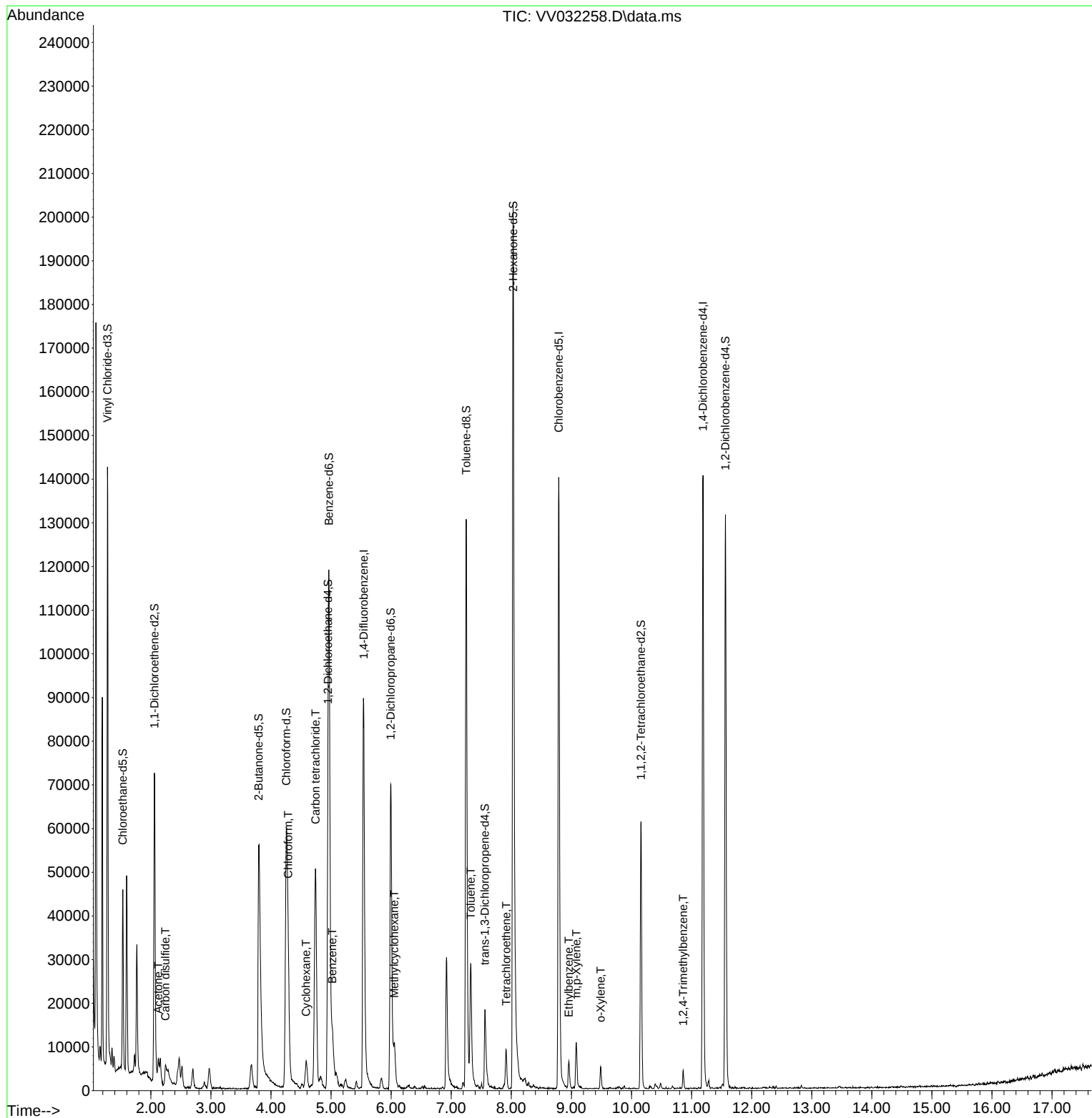
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	80266	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	81290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	36946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28507	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.532	69	25560	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	12285	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.796	46	97324	58.936	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.880%
24) Chloroform-d	4.256	84	56695	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.947	65	29934	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.963	84	107810	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.992	67	37688	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.249	98	90809	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.561	79	12427	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.030	63	76373	57.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31104	5.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	33554	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
13) Acetone	2.124	43	5299	4.163	ug/L	99
14) Carbon disulfide	2.243	76	3911	0.190	ug/L	97
25) Chloroform	4.285	83	29191	2.346	ug/L	100
30) Cyclohexane	4.584	56	3182	0.262	ug/L	97
31) Carbon tetrachloride	4.741	117	39603	4.235	ug/L	100
33) Benzene	5.021	78	9498	0.332	ug/L	100
35) Methylcyclohexane	6.050	83	3371	0.279	ug/L	# 92
42) Toluene	7.323	91	22358	0.733	ug/L	99
47) Tetrachloroethene	7.915	164	2306	0.389	ug/L	86
52) Ethylbenzene	8.956	91	4707	0.139	ug/L	99
53) m,p-Xylene	9.082	106	3498	0.278	ug/L	94
54) o-Xylene	9.487	106	1423	0.117	ug/L	83
63) 1,2,4-Trimethylbenzene	10.860	105	2473	0.106	ug/L	98

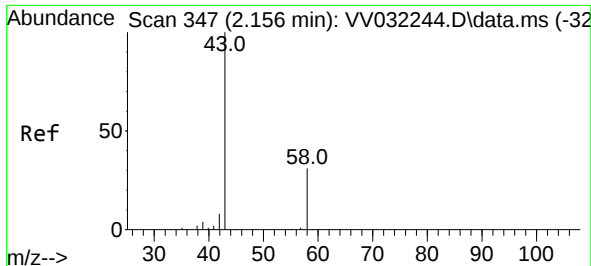
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.163 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV032258.D

Acq: 05 Oct 2023 16:09

Instrument :

MSVOA_V

ClientSampleId :

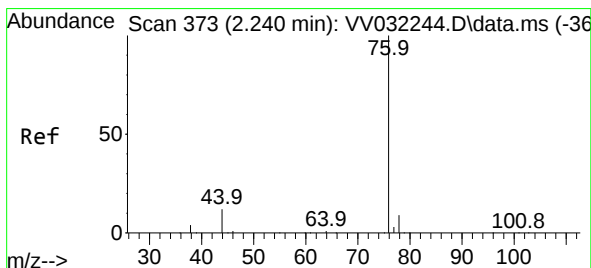
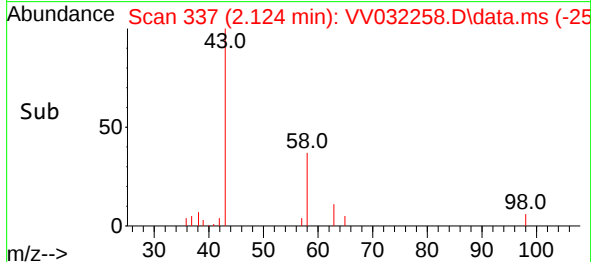
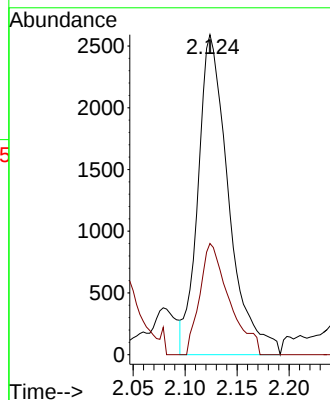
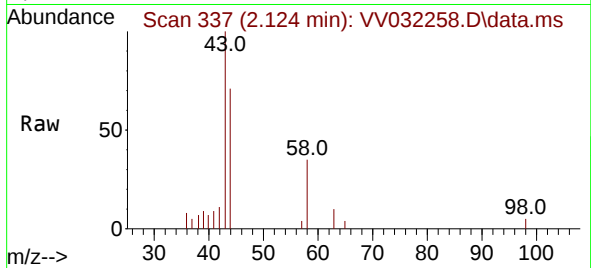
EX861

Tgt Ion: 43 Resp: 5299

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.0



#14

Carbon disulfide

Concen: 0.190 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032258.D

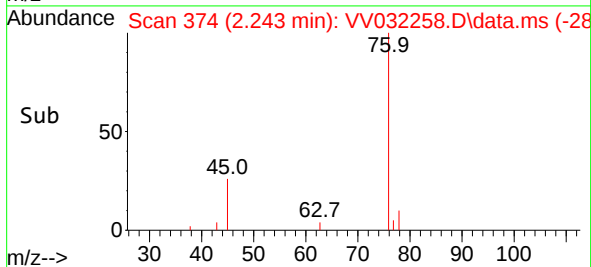
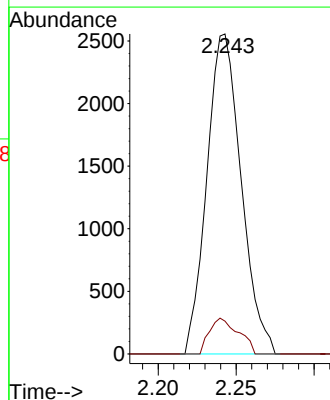
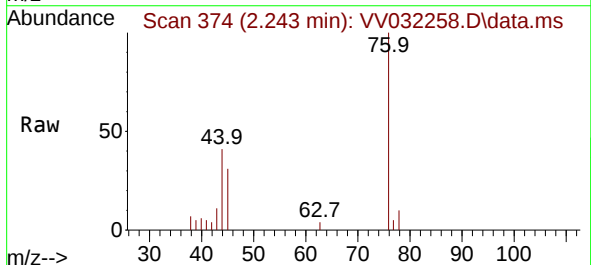
Acq: 05 Oct 2023 16:09

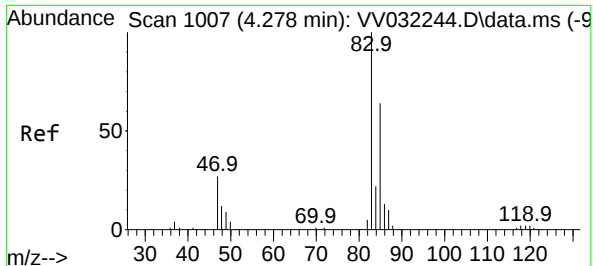
Tgt Ion: 76 Resp: 3911

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2





#25

Chloroform

Concen: 2.346 ug/L

RT: 4.285 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV032258.D

Acq: 05 Oct 2023 16:09

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ClientSampleId :

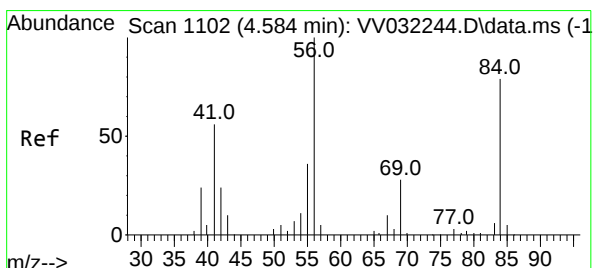
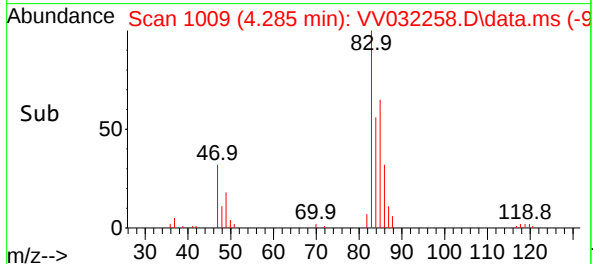
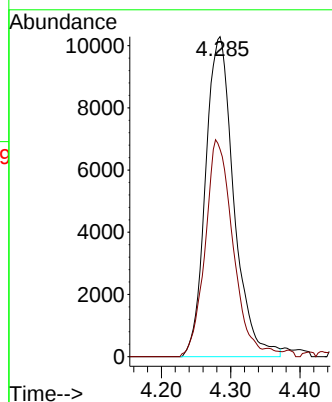
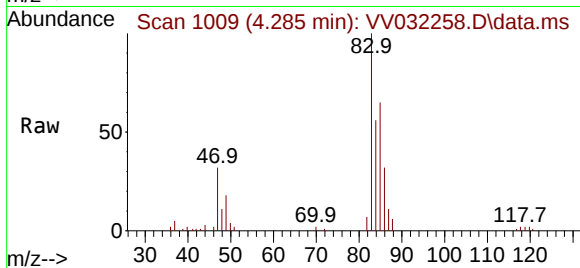
EX861

Tgt Ion: 83 Resp: 29191

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#30

Cyclohexane

Concen: 0.262 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032258.D

Acq: 05 Oct 2023 16:09

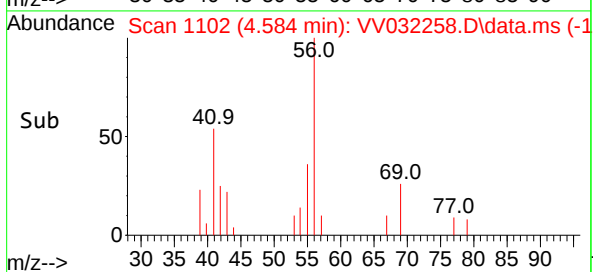
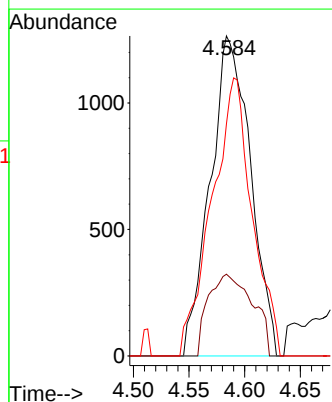
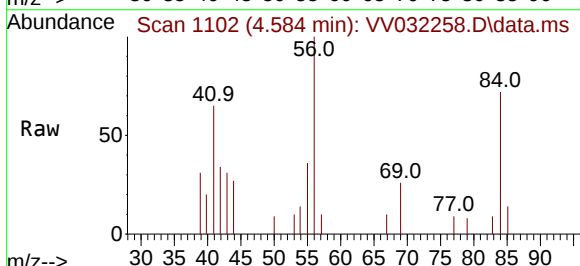
Tgt Ion: 56 Resp: 3182

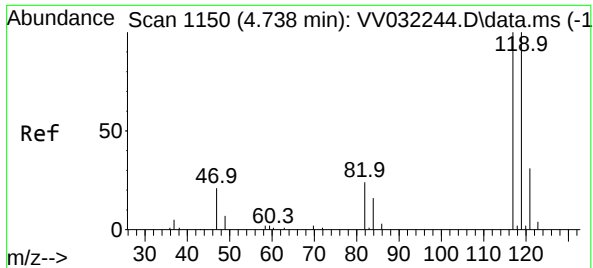
Ion Ratio Lower Upper

56 100

69 28.0 24.2 36.2

84 86.9 68.1 102.1

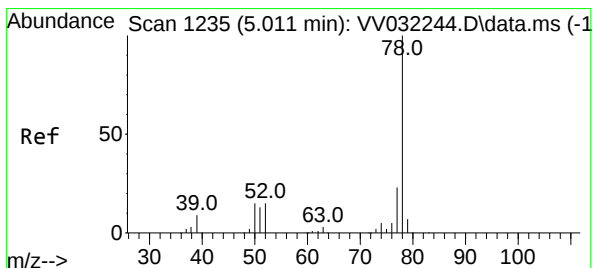
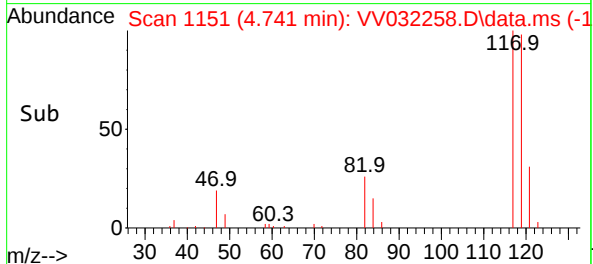
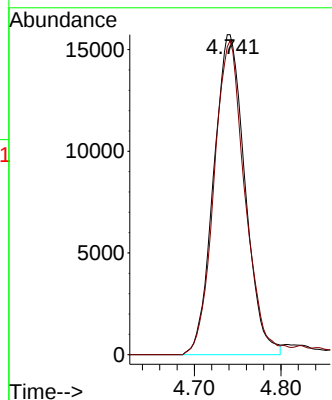
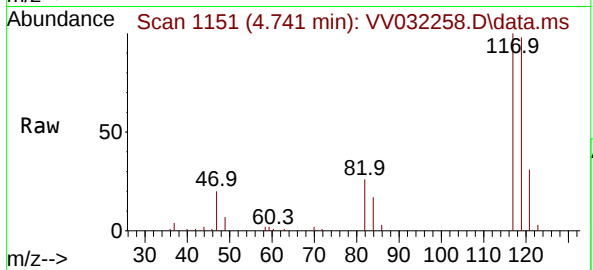




#31
Carbon tetrachloride
Concen: 4.235 ug/L
RT: 4.741 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

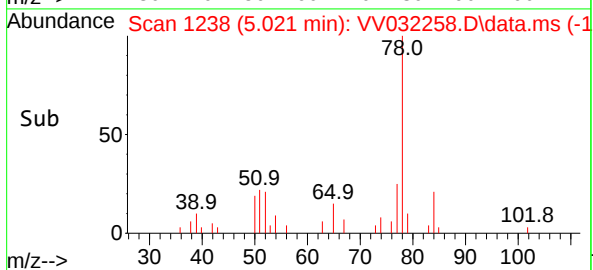
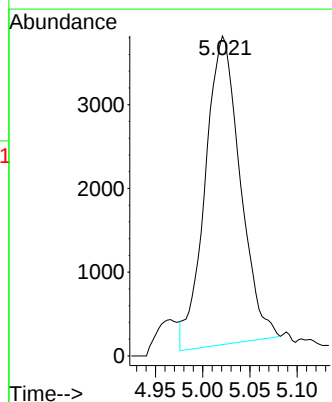
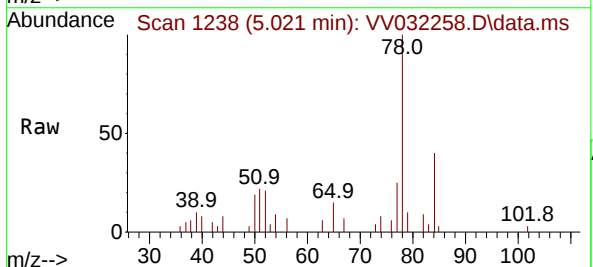
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MSVOA_V
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EX861

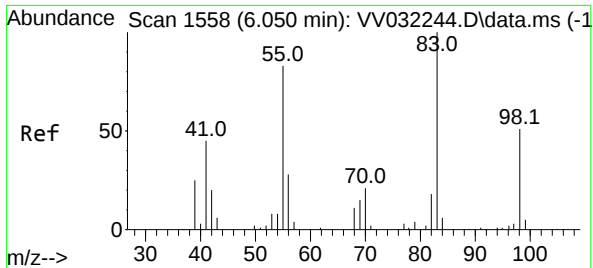
Tgt Ion:117 Resp: 39603
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4



#33
Benzene
Concen: 0.332 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

Tgt Ion: 78 Resp: 9498

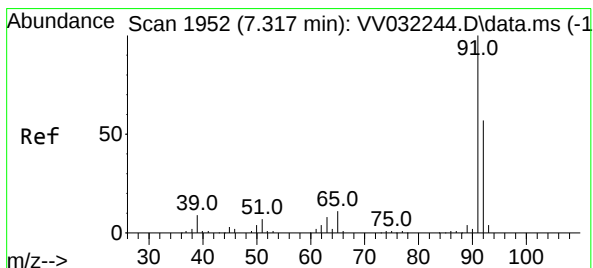
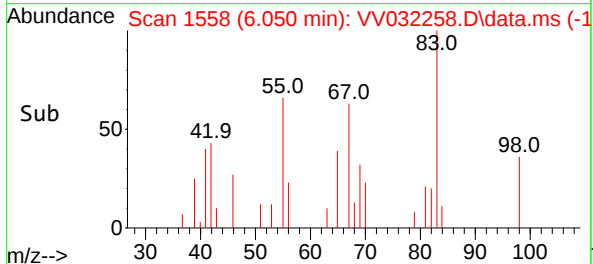
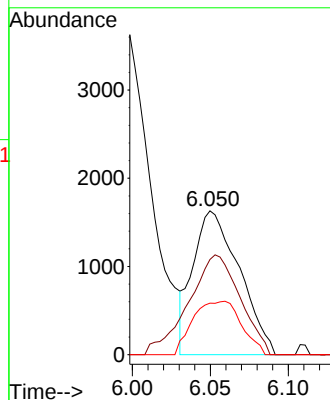
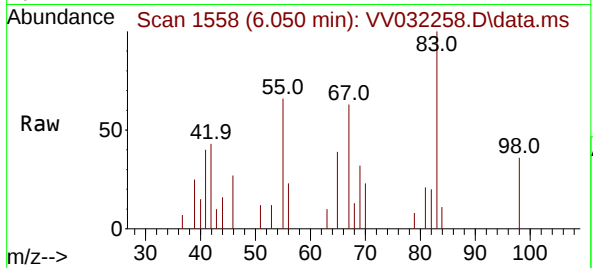




#35
Methylcyclohexane
Concen: 0.279 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

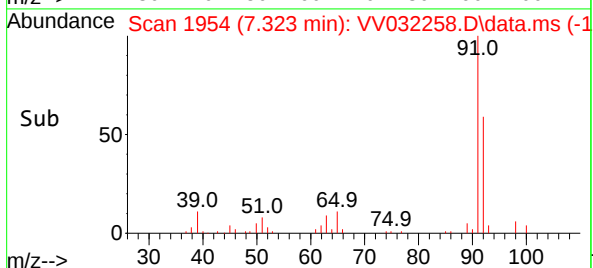
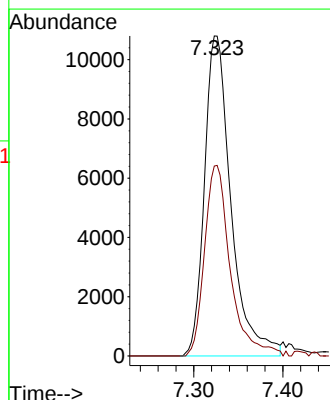
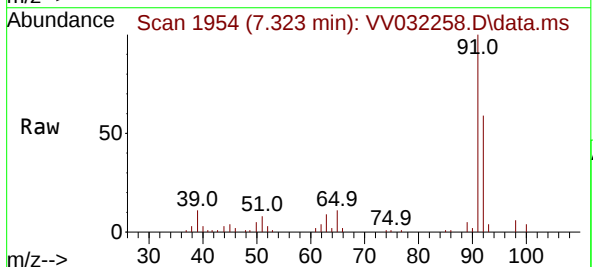
Instrument :
MSVOA_V
ClientSampleId :
EX861

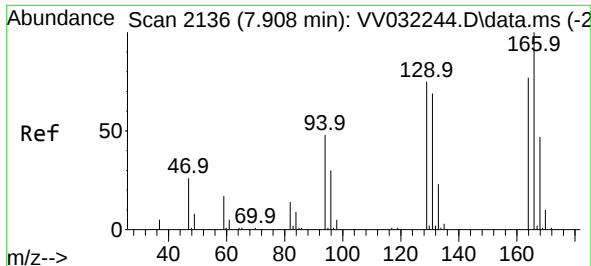
Tgt Ion: 83 Resp: 3371
Ion Ratio Lower Upper
83 100
55 77.3 64.2 96.2
98 38.8 39.6 59.4#



#42
Toluene
Concen: 0.733 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

Tgt Ion: 91 Resp: 22358
Ion Ratio Lower Upper
91 100
92 59.4 40.8 75.8





#47

Tetrachloroethene

Concen: 0.389 ug/L

RT: 7.915 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV032258.D

Acq: 05 Oct 2023 16:09

Instrument :

MSVOA_V

ClientSampleId :

EX861

Tgt Ion:164 Resp: 2306

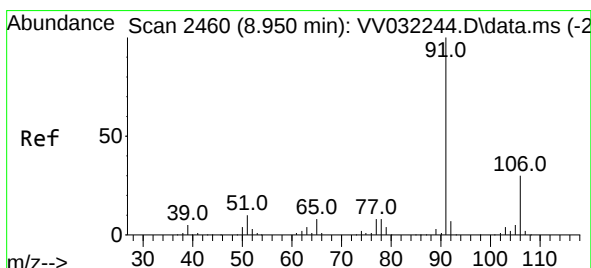
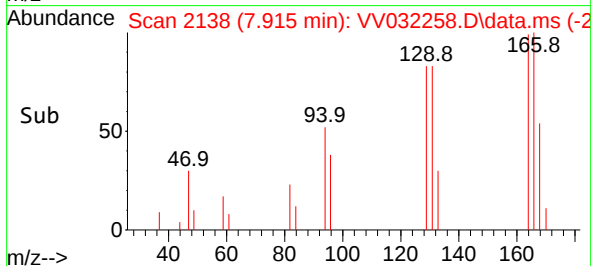
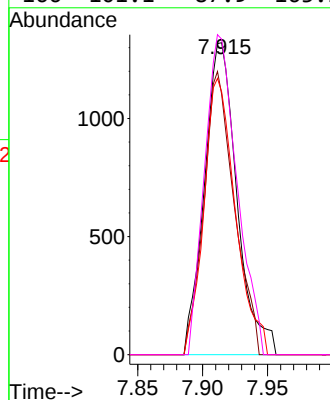
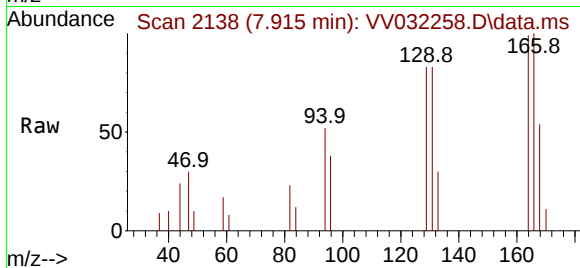
Ion Ratio Lower Upper

164 100

129 83.5 66.4 123.4

131 84.3 63.7 118.3

166 101.1 87.9 163.3



#52

Ethylbenzene

Concen: 0.139 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032258.D

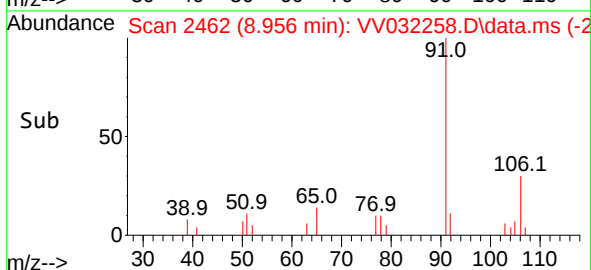
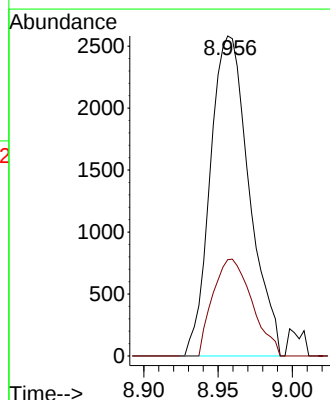
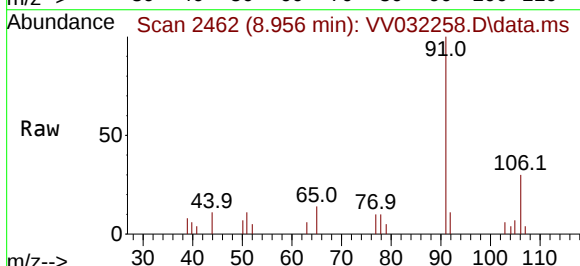
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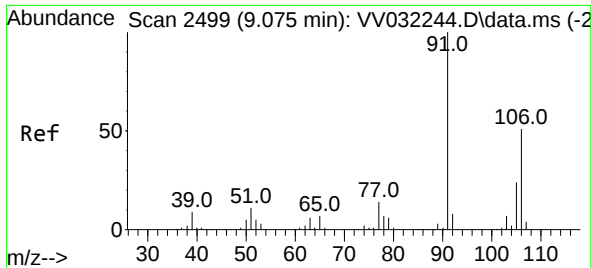
Tgt Ion: 91 Resp: 4707

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5

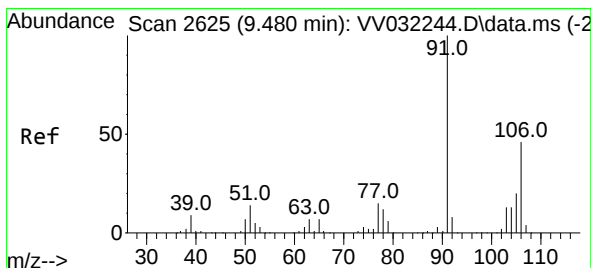
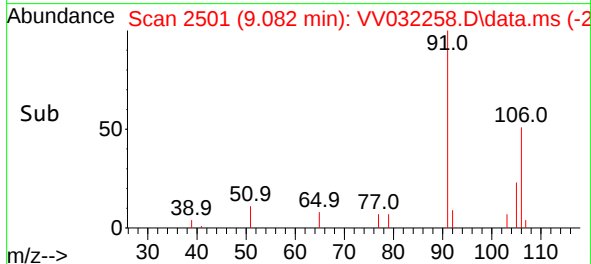
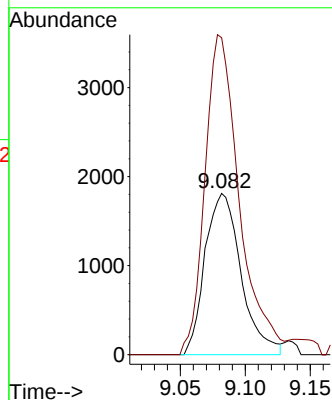
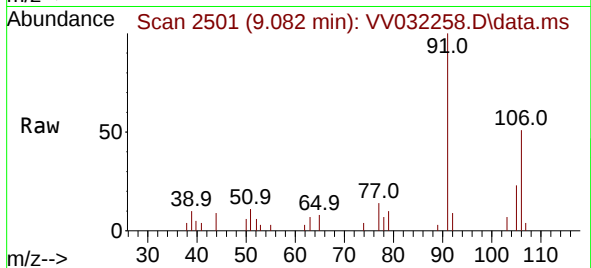




#53
m,p-Xylene
Concen: 0.278 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

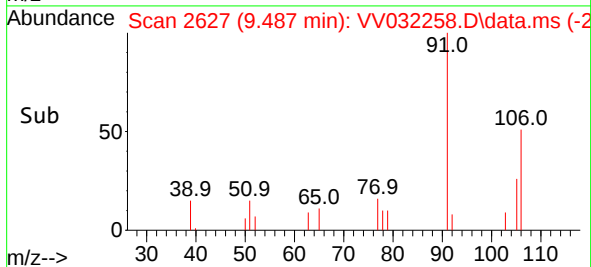
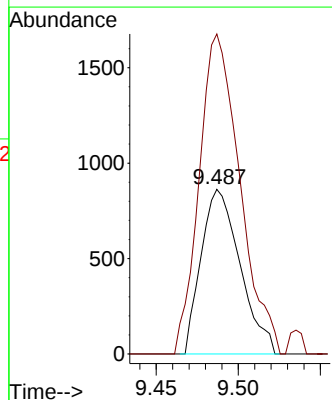
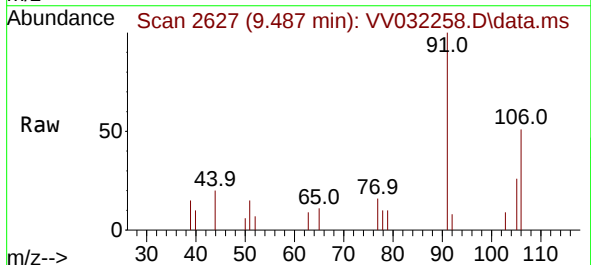
Instrument :
MSVOA_V
ClientSampleId :
EX861

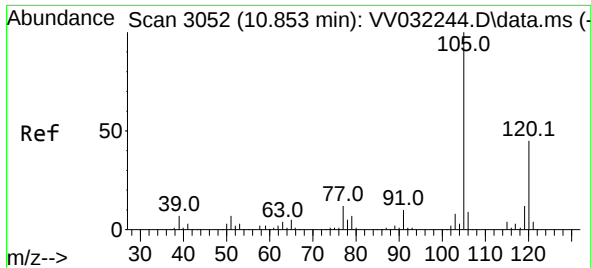
Tgt Ion:106 Resp: 3498
Ion Ratio Lower Upper
106 100
91 196.5 144.5 268.3



#54
o-Xylene
Concen: 0.117 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032258.D
Acq: 05 Oct 2023 16:09

Tgt Ion:106 Resp: 1423
Ion Ratio Lower Upper
106 100
91 194.3 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.106 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.006 min
 Lab File: VV032258.D
 Acq: 05 Oct 2023 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 EX861

Tgt Ion:105 Resp: 2473
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.2 54.4

