

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
 Data File : VV032503.D
 Acq On : 19 Oct 2023 17:41
 Operator : SY/MD
 Sample : 04950-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49L5

Quant Time: Oct 20 06:24:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

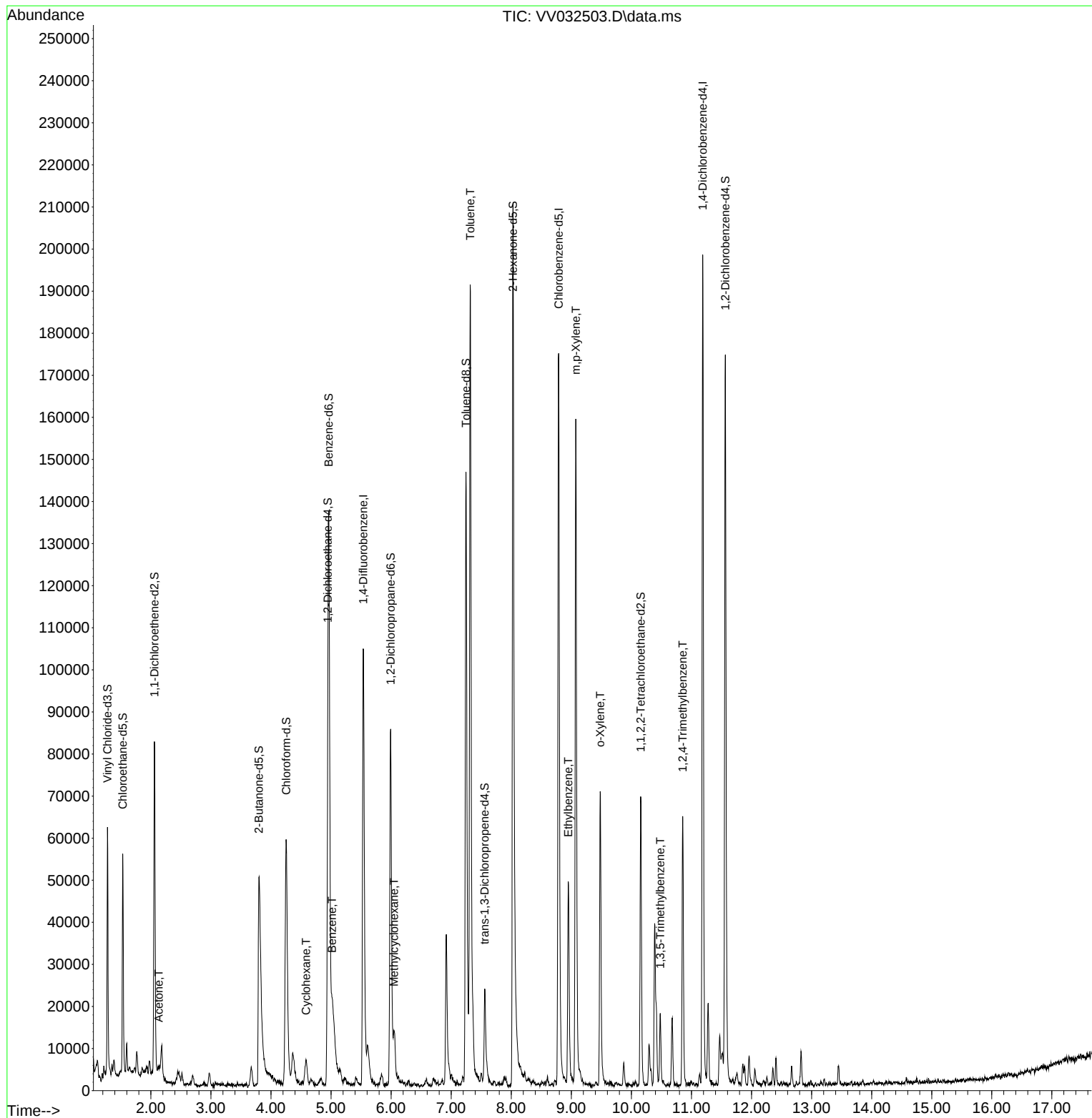
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	88295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34923	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.532	69	31849	5.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.060	65	13603	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.799	46	89809	49.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.880%
24) Chloroform-d	4.253	84	61749	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.947	65	32381	5.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	4.960	84	119640	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.992	67	40641	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.246	98	105002	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.558	79	14673	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.027	63	77476	47.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33569	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	41926	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
13) Acetone	2.131	43	3243	2.316	ug/L	98
30) Cyclohexane	4.584	56	2464	0.166	ug/L #	68
33) Benzene	5.015	78	16714	0.477	ug/L	100
35) Methylcyclohexane	6.050	83	3644	0.246	ug/L #	87
42) Toluene	7.317	91	147328	3.943	ug/L	100
52) Ethylbenzene	8.950	91	35159	0.845	ug/L	98
53) m,p-Xylene	9.076	106	44747	2.900	ug/L	99
54) o-Xylene	9.481	106	18647	1.254	ug/L	94
62) 1,3,5-Trimethylbenzene	10.481	105	8539	0.274	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	34067	1.098	ug/L	99

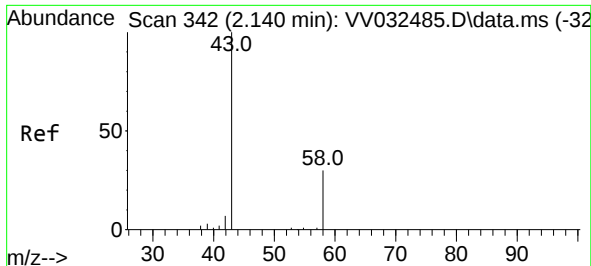
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.316 ug/L

RT: 2.131 min Scan# 31

Delta R.T. -0.009 min

Lab File: VV032503.D

Acq: 19 Oct 2023 17:41

Instrument :

MSVOA_V

ClientSampleId :

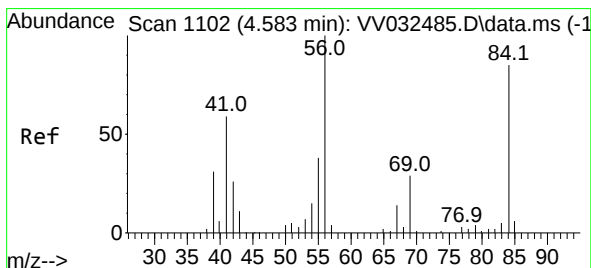
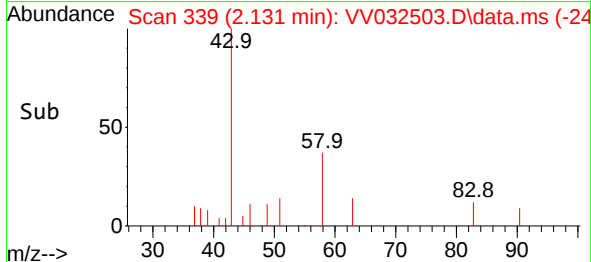
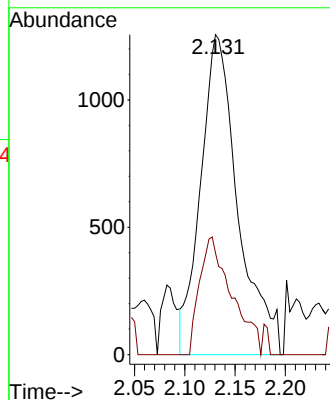
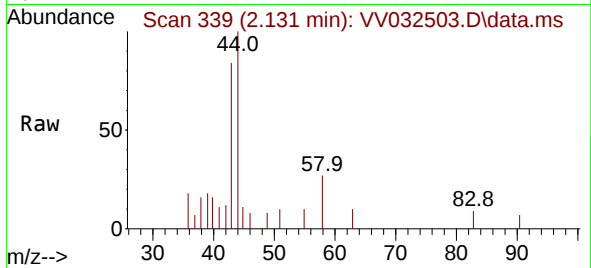
A49L5

Tgt Ion: 43 Resp: 3243

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.0



#30

Cyclohexane

Concen: 0.166 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032503.D

Acq: 19 Oct 2023 17:41

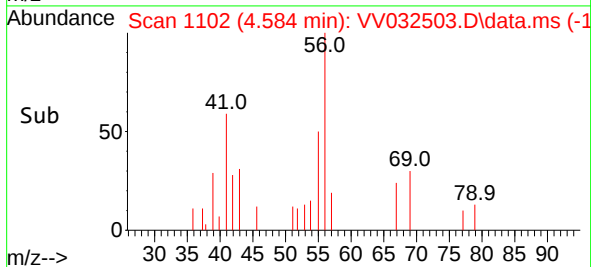
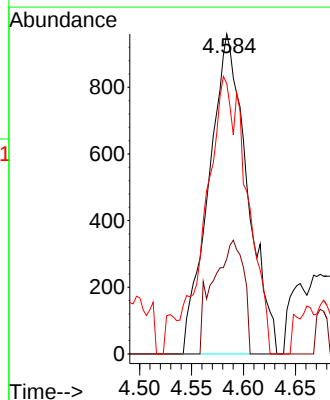
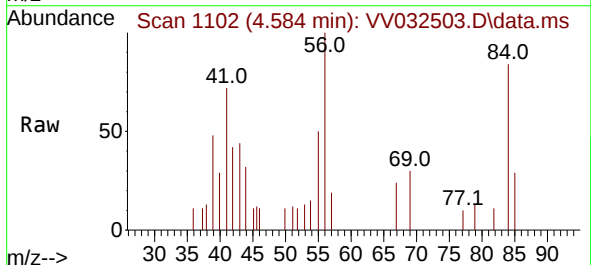
Tgt Ion: 56 Resp: 2464

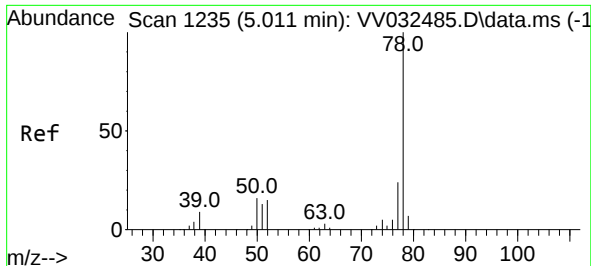
Ion Ratio Lower Upper

56 100

69 28.1 24.2 36.2

84 47.3 68.1 102.1#

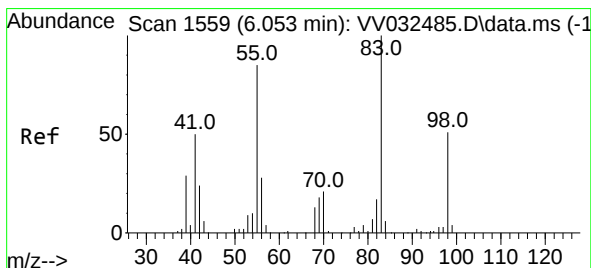
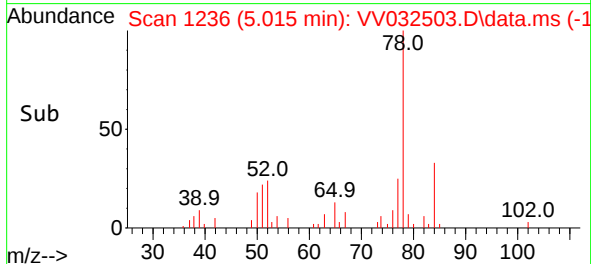
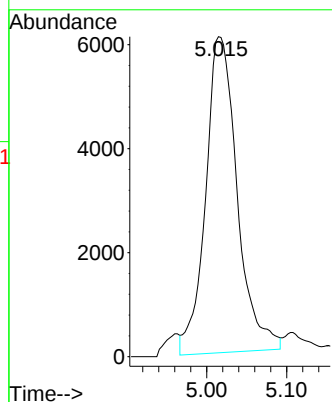
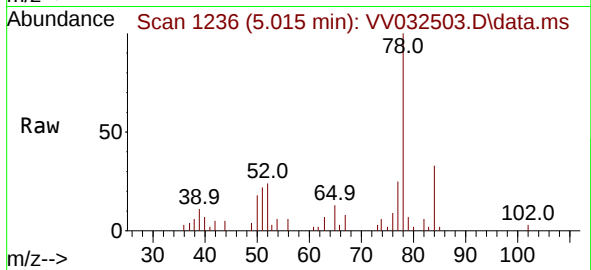




#33
Benzene
Concen: 0.477 ug/L
RT: 5.015 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

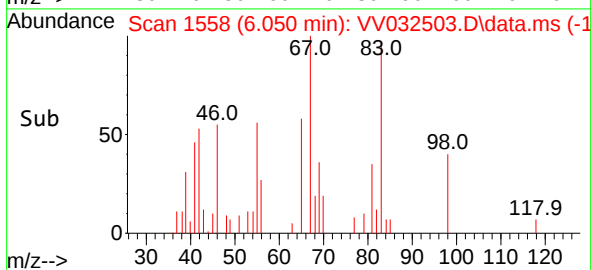
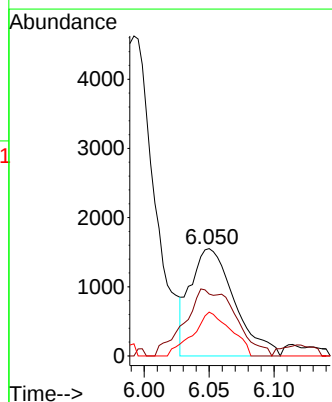
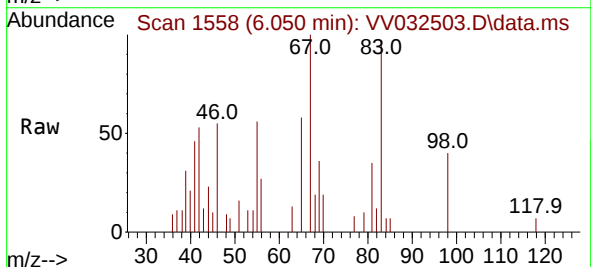
Instrument :
MSVOA_V
ClientSampleId :
A49L5

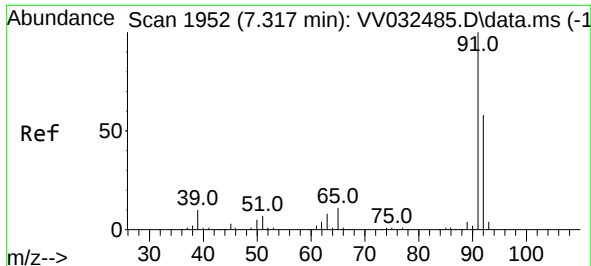
Tgt Ion: 78 Resp: 16714



#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 83 Resp: 3644
Ion Ratio Lower Upper
83 100
55 72.1 64.2 96.2
98 35.5 39.6 59.4#

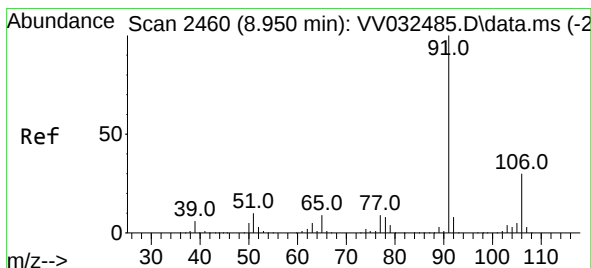
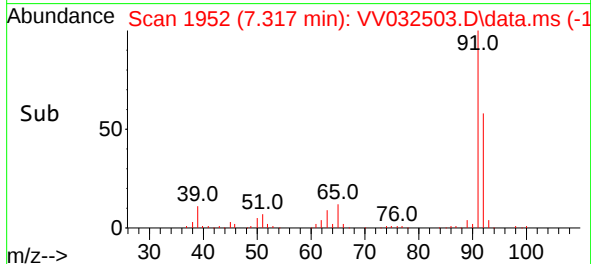
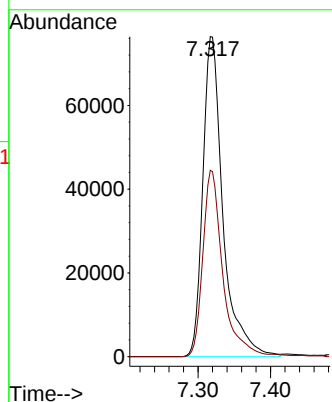
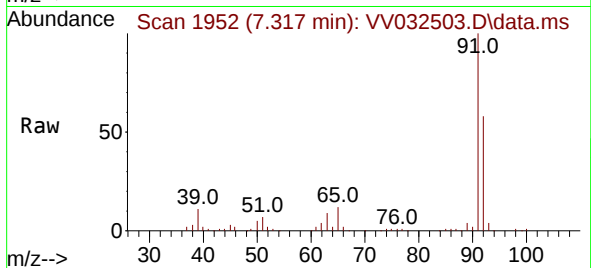




#42
Toluene
Concen: 3.943 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

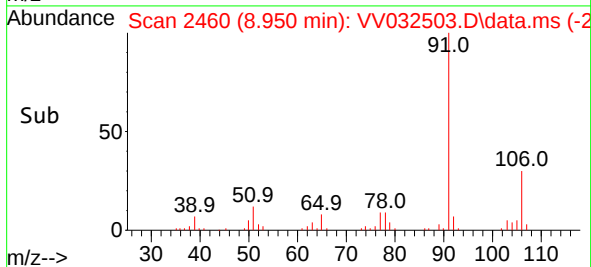
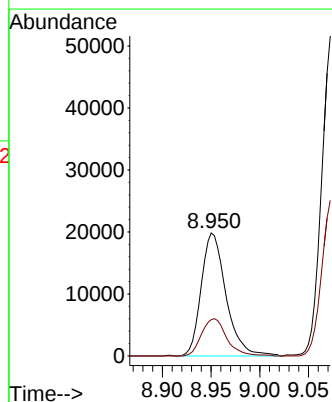
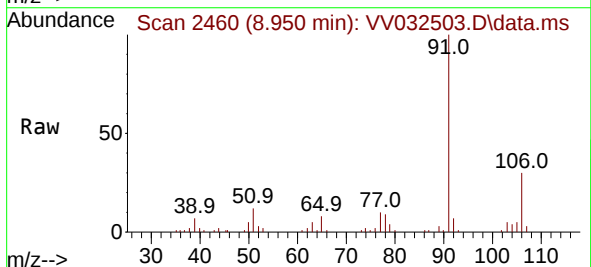
Instrument :
MSVOA_V
ClientSampleId :
A49L5

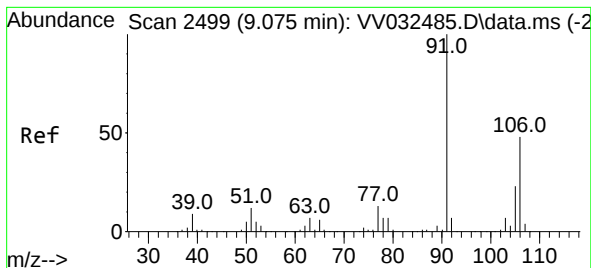
Tgt Ion: 91 Resp: 147328
Ion Ratio Lower Upper
91 100
92 58.2 40.8 75.8



#52
Ethylbenzene
Concen: 0.845 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032503.D
Acq: 19 Oct 2023 17:41

Tgt Ion: 91 Resp: 35159
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5





#53

m,p-Xylene

Concen: 2.900 ug/L

RT: 9.076 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032503.D

Acq: 19 Oct 2023 17:41

Instrument :

MSVOA_V

ClientSampleId :

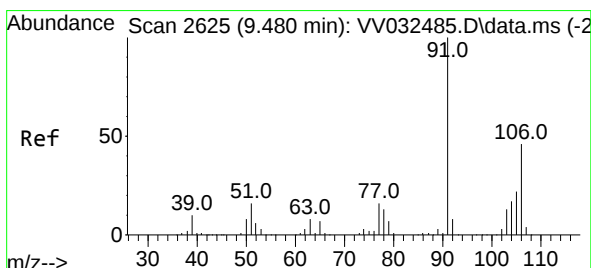
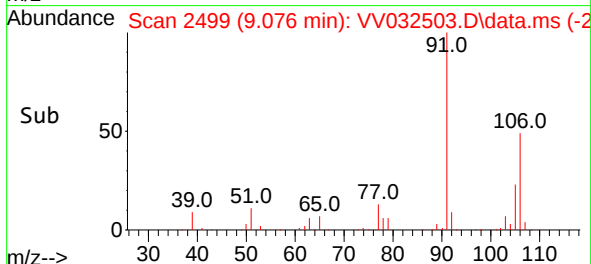
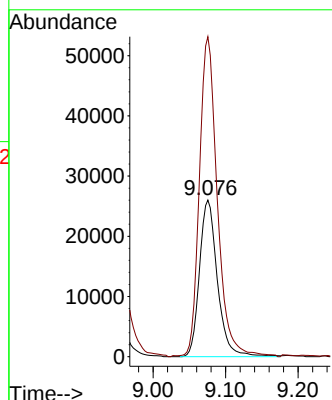
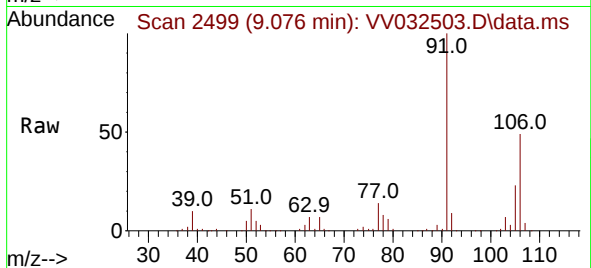
A49L5

Tgt Ion:106 Resp: 44747

Ion Ratio Lower Upper

106 100

91 204.3 144.5 268.3



#54

o-Xylene

Concen: 1.254 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV032503.D

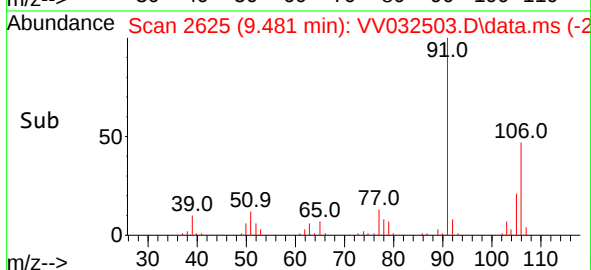
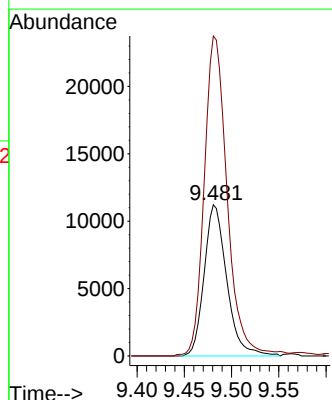
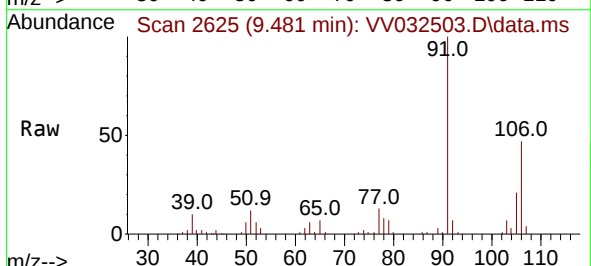
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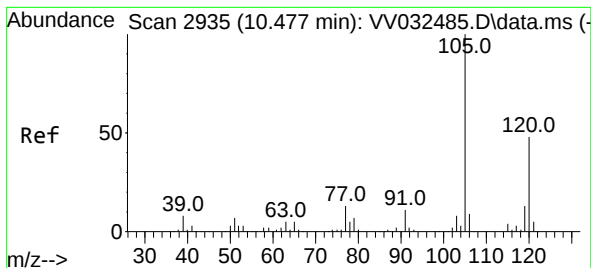
Tgt Ion:106 Resp: 18647

Ion Ratio Lower Upper

106 100

91 211.7 154.8 287.4





#62

1,3,5-Trimethylbenzene

Concen: 0.274 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.004 min

Lab File: VV032503.D

Acq: 19 Oct 2023 17:41

Instrument :

MSVOA_V

ClientSampleId :

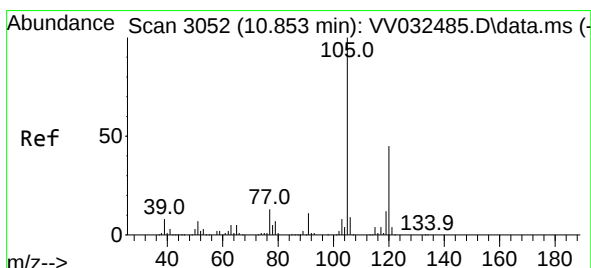
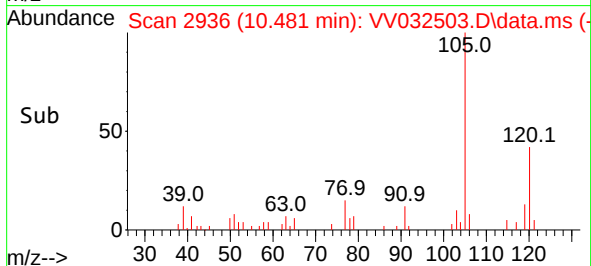
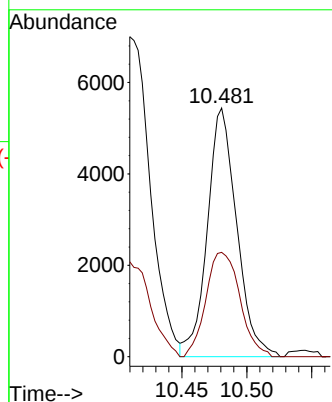
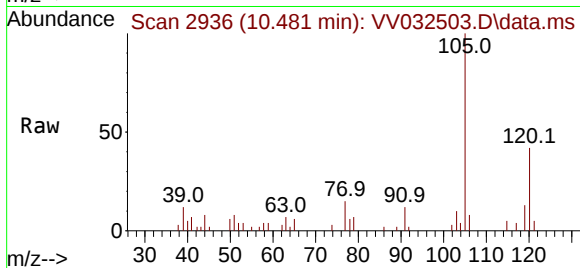
A49L5

Tgt Ion:105 Resp: 8539

Ion Ratio Lower Upper

105 100

120 48.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 1.098 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032503.D

Acq: 19 Oct 2023 17:41

Tgt Ion:105 Resp: 34067

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4

