

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038651.D
 Acq On : 07 Feb 2025 17:26
 Operator : SY/MD
 Sample : Q1334-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E29B0

Quant Time: Feb 12 13:23:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.548	114	177383	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.789	117	181476	5.00	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.181	152	88862	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	81645	4.45	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.548	69	63858	4.62	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.076	65	35050	4.57	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.879	46	182362	57.26	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.52%
24) Chloroform-d	4.259	84	143241	4.93	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	4.947	65	70594	5.51	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	4.957	84	284374	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.018	67	80434	5.11	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.262	98	204244	4.31	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	7.577	79	24426	4.23	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.043	63	118377	52.91	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.82%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	65374	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
66) 1,2-Dichlorobenzene-d4	11.554	152	83003	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						Qvalue
8) Chloroethane	1.542	64	73865	5.70	ug/L #	56
13) Acetone	2.214	43	88176	37.70	ug/L	86
14) Carbon disulfide	2.256	76	26487	0.53	ug/L	99
15) Methyl Acetate	2.394	43	3471	0.58	ug/L #	56
19) 1,1-Dichloroethane	3.127	63	5406	0.19	ug/L	94
33) Benzene	5.008	78	10368	0.18	ug/L	100
34) Trichloroethene	5.548	95	4970	0.34	ug/L #	7
35) Methylcyclohexane	6.021	83	20292	0.87	ug/L #	18
40) 4-Methyl-2-pentanone	7.198	43	24655	3.23	ug/L #	82
42) Toluene	7.336	91	87208	1.43	ug/L	96
48) 2-Hexanone	8.040	43	20951	3.72	ug/L #	55
53) m,p-Xylene	9.088	106	2024	0.08	ug/L	94
54) o-Xylene	9.484	106	3704	0.16	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	11721	0.25	ug/L	99
63) 1,2,4-Trimethylbenzene	10.474	105	11721	0.26	ug/L	97
71) Naphthalene	13.432	128	88240	3.80	ug/L #	96

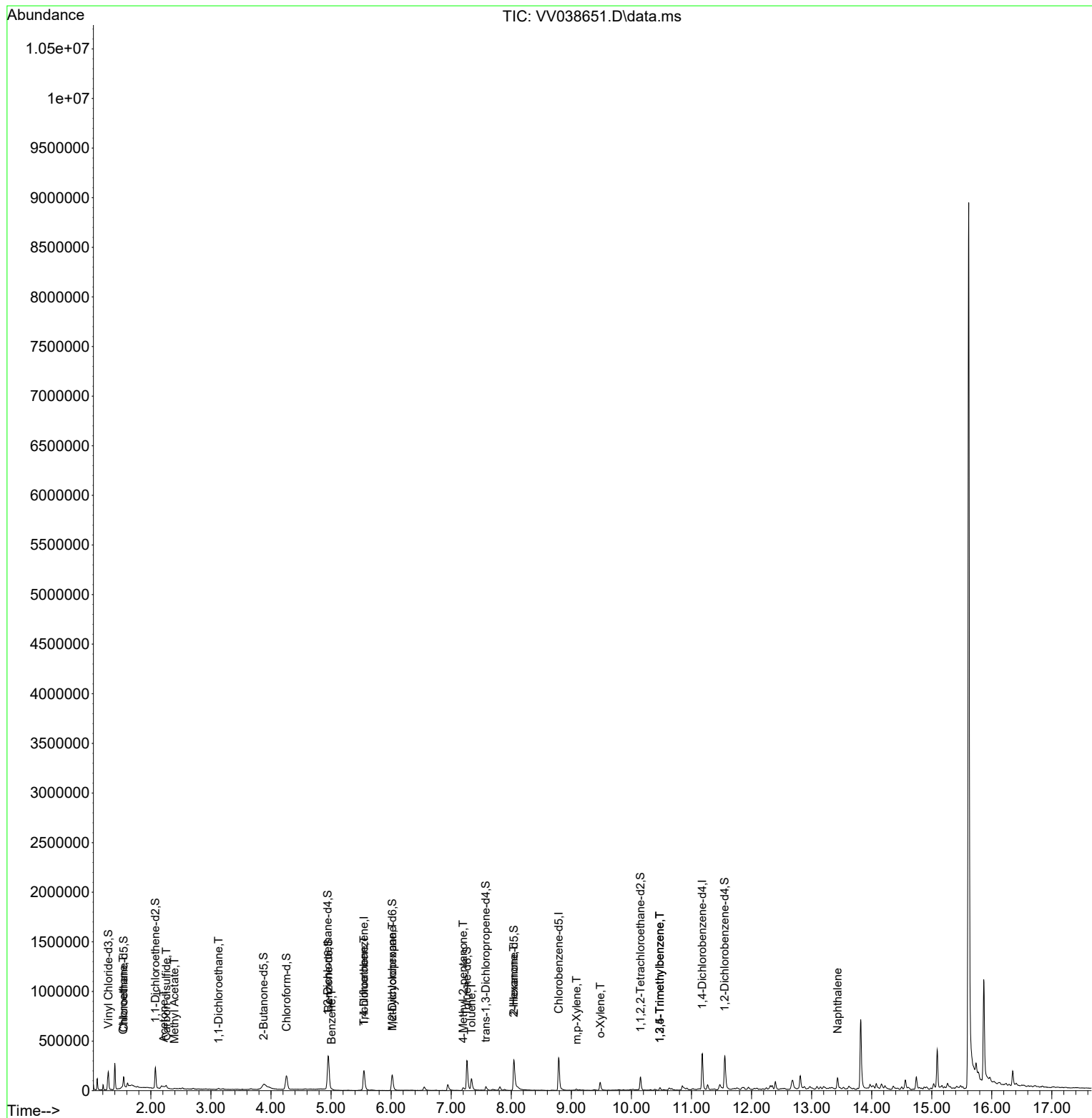
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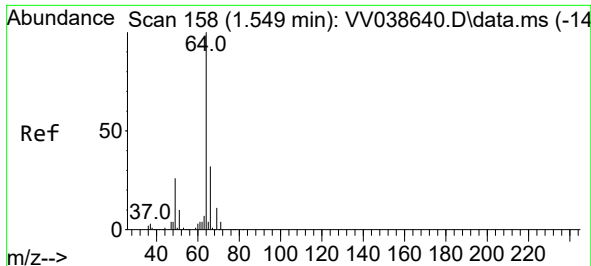
Instrument :
MSVOA_V
ClientSampleId :
E29B0

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Quant Time: Feb 12 13:23:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0
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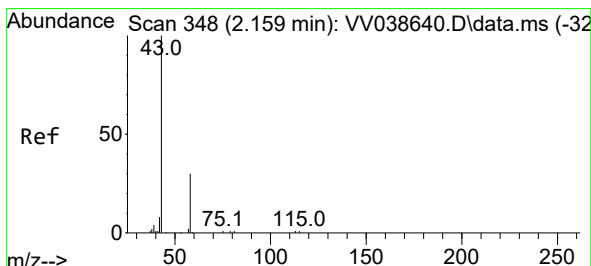
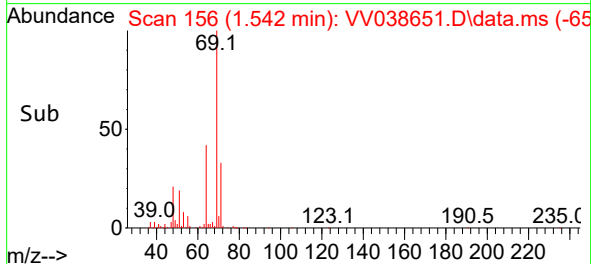
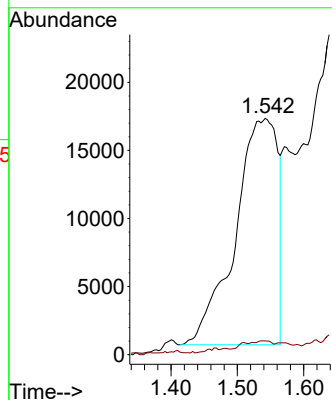
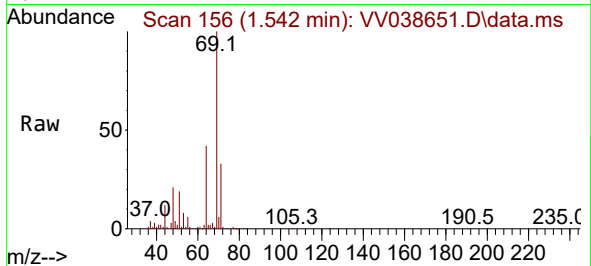




#8
Chloroethane
Concen: 5.70 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

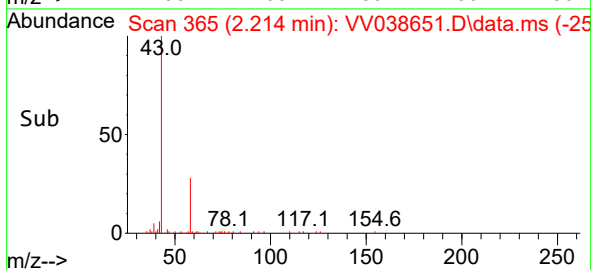
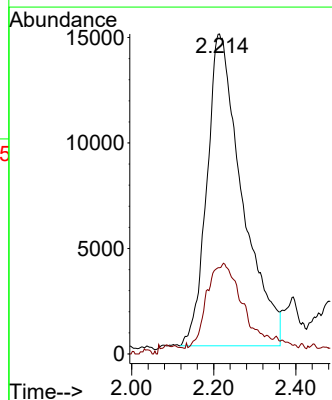
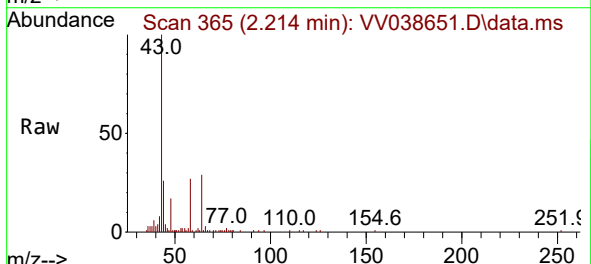
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MSVOA_V
ClientSampleId :
E29B0

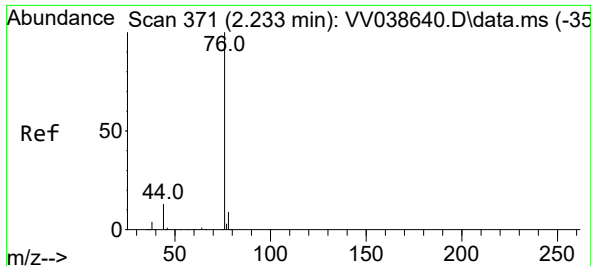
Tgt Ion: 64 Resp: 73865
Ion Ratio Lower Upper
64 100
66 5.8 20.9 38.7#



#13
Acetone
Concen: 37.70 ug/L
RT: 2.214 min Scan# 365
Delta R.T. 0.055 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion: 43 Resp: 88176
Ion Ratio Lower Upper
43 100
58 25.8 0.0 67.4

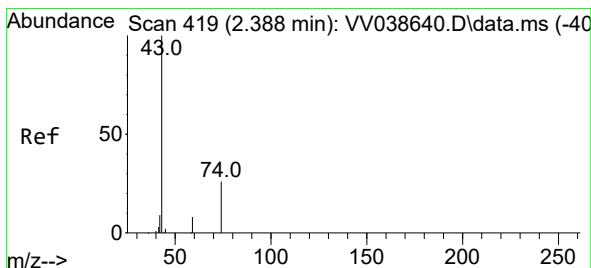
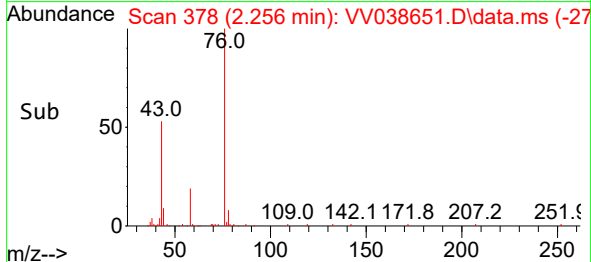
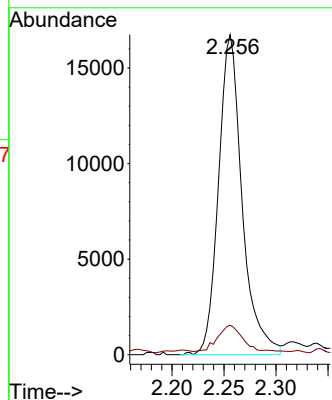
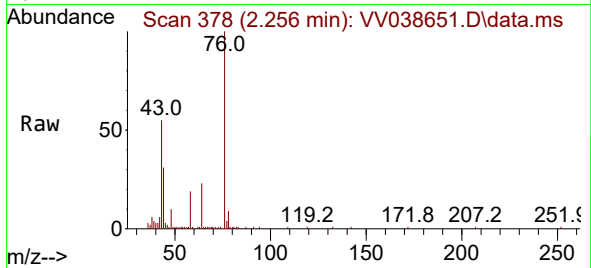




#14
Carbon disulfide
Concen: 0.53 ug/L
RT: 2.256 min Scan# 31
Delta R.T. 0.022 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

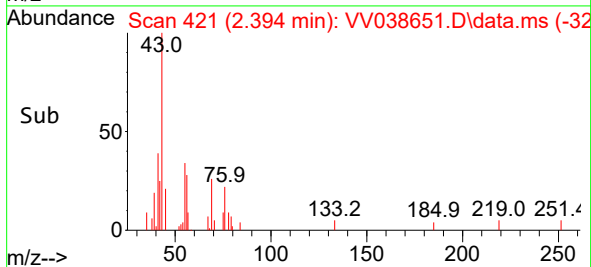
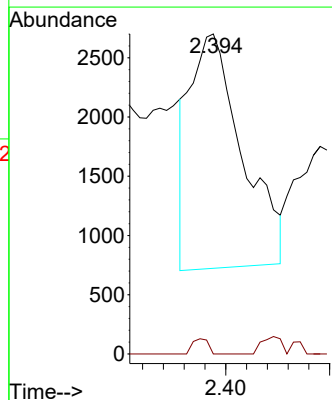
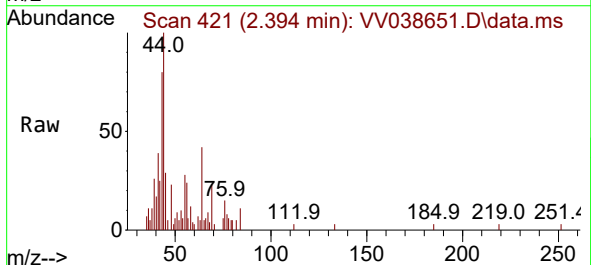
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ClientSampleId :
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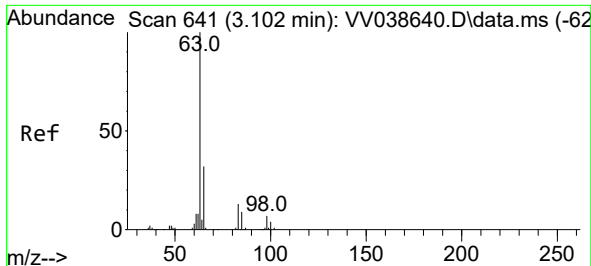
Tgt Ion: 76 Resp: 26487
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#15
Methyl Acetate
Concen: 0.58 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.006 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
74 2.0 18.6 27.8#





#19

1,1-Dichloroethane

Concen: 0.19 ug/L

RT: 3.127 min Scan# 641

Delta R.T. 0.026 min

Lab File: VV038651.D

Acq: 07 Feb 2025 17:26

Instrument :

MSVOA_V

ClientSampleId :

E29B0

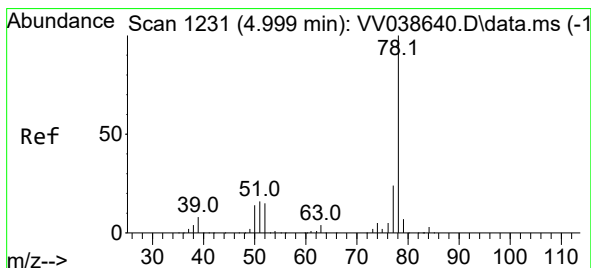
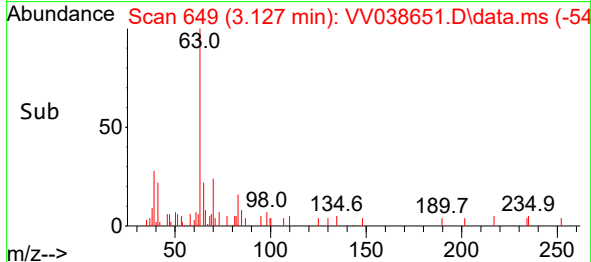
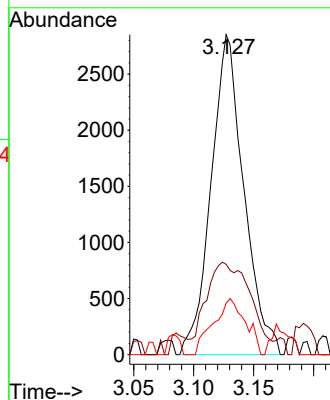
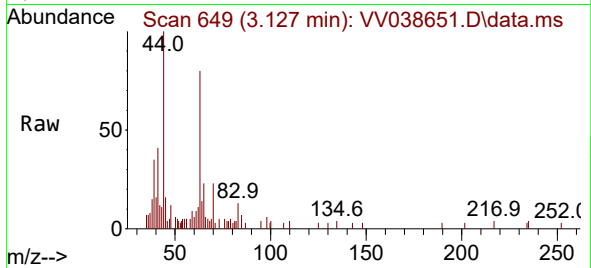
Tgt Ion: 63 Resp: 5406

Ion Ratio Lower Upper

63 100

65 28.2 21.8 40.4

83 16.0 9.2 17.2



#33

Benzene

Concen: 0.18 ug/L

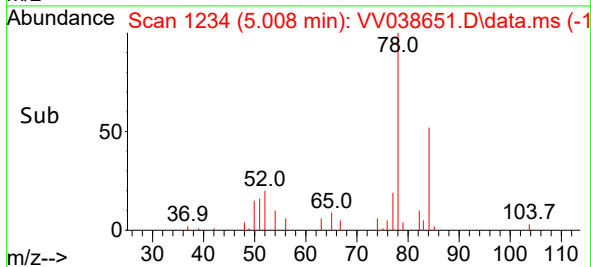
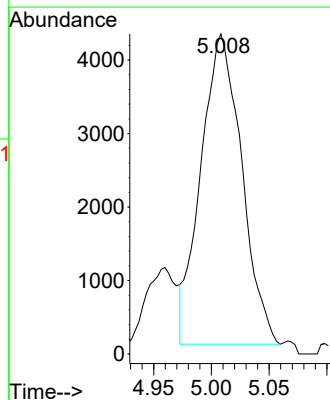
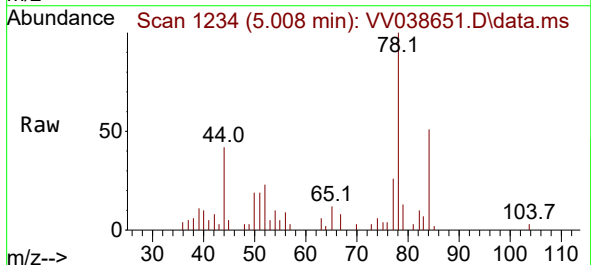
RT: 5.008 min Scan# 1234

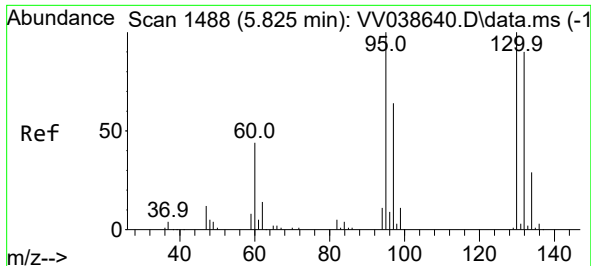
Delta R.T. 0.010 min

Lab File: VV038651.D

Acq: 07 Feb 2025 17:26

Tgt Ion: 78 Resp: 10368

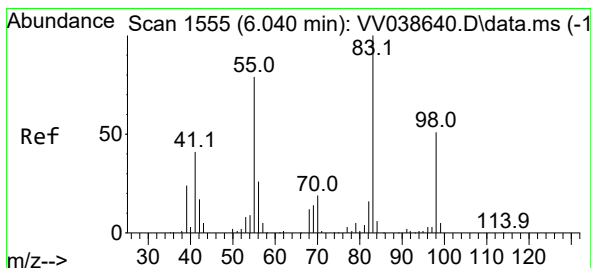
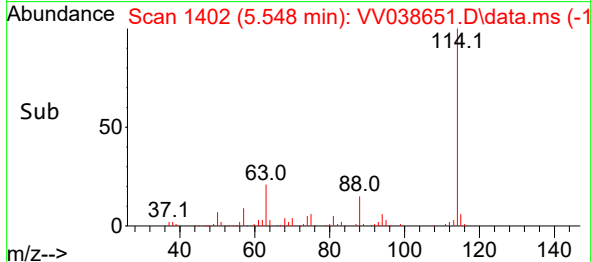
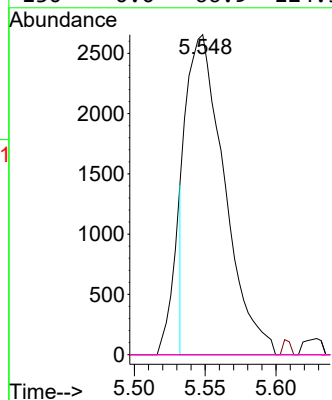
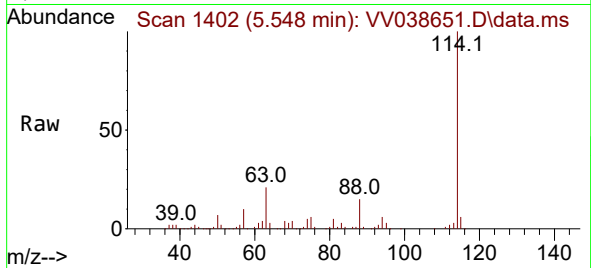




#34
Trichloroethene
Concen: 0.34 ug/L
RT: 5.548 min Scan# 1488
Delta R.T. -0.277 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

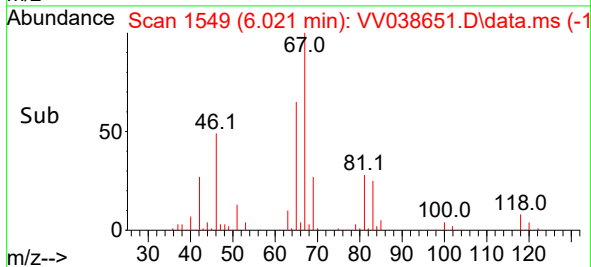
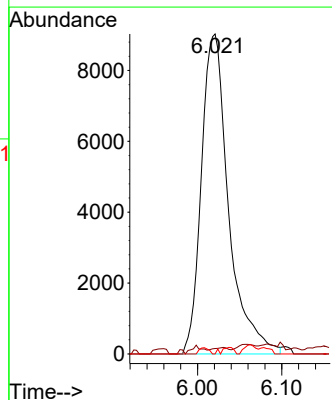
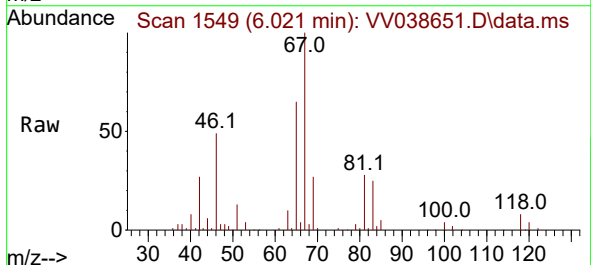
Instrument :
MSVOA_V
ClientSampleId :
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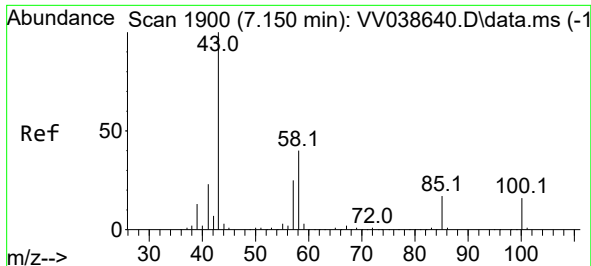
Tgt Ion:	95	Resp:	4970
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.5	80.9#
132	0.0	64.0	118.8#
130	0.0	66.9	124.3#



#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.021 min Scan# 1549
Delta R.T. -0.019 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion:	83	Resp:	20292
Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.6	94.0#
98	0.9	38.7	58.1#





#40

4-Methyl-2-pentanone

Concen: 3.23 ug/L

RT: 7.198 min Scan# 1915

Delta R.T. 0.048 min

Lab File: VV038651.D

Acq: 07 Feb 2025 17:26

Instrument :

MSVOA_V

ClientSampleId :

E29B0

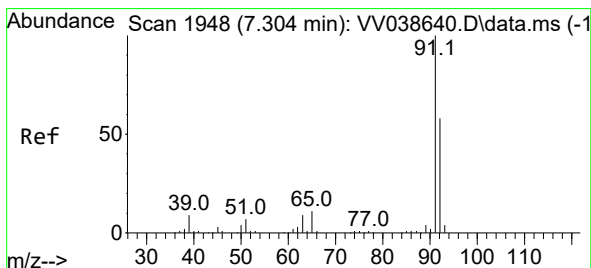
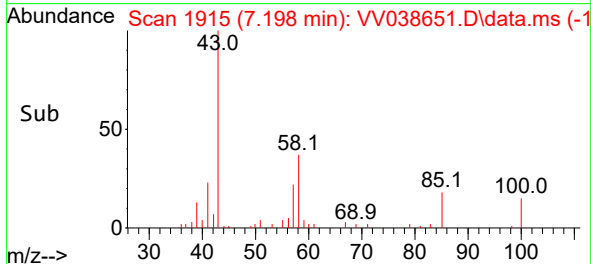
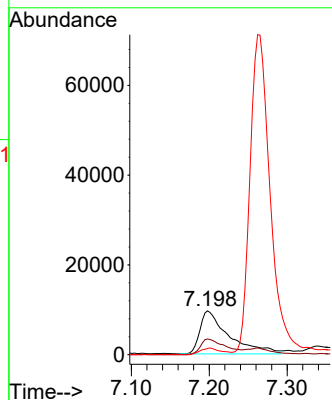
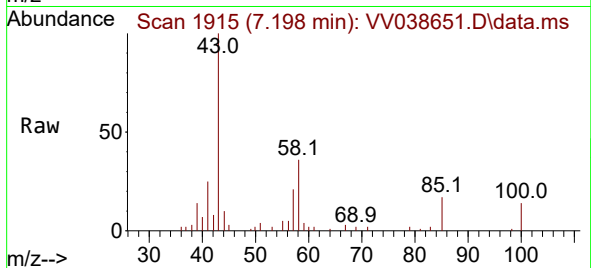
Tgt Ion: 43 Resp: 24655

Ion Ratio Lower Upper

43 100

58 31.8 31.1 46.7

100 0.0 12.0 18.0#



#42

Toluene

Concen: 1.43 ug/L

RT: 7.336 min Scan# 1958

Delta R.T. 0.032 min

Lab File: VV038651.D

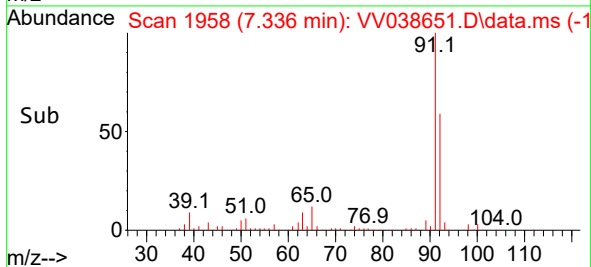
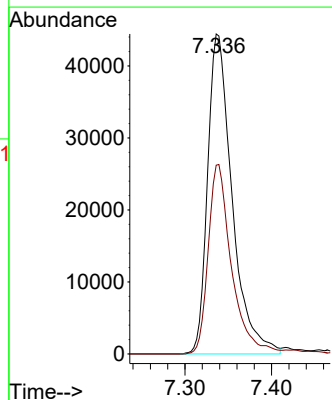
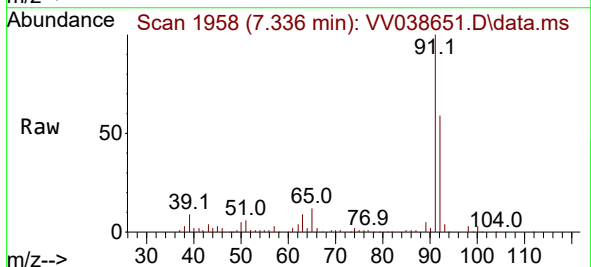
Acq: 07 Feb 2025 17:26

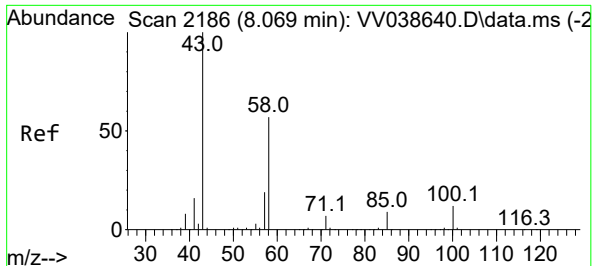
Tgt Ion: 91 Resp: 87208

Ion Ratio Lower Upper

91 100

92 59.0 39.3 72.9

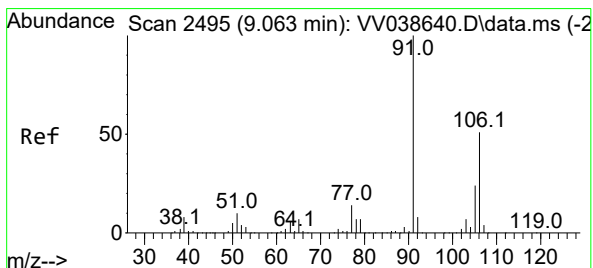
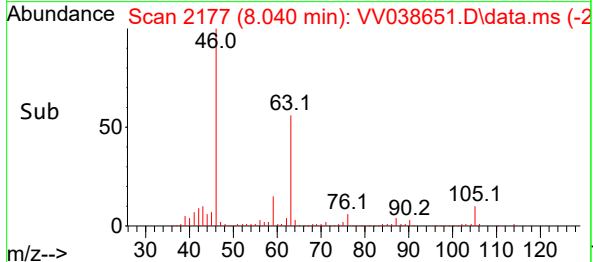
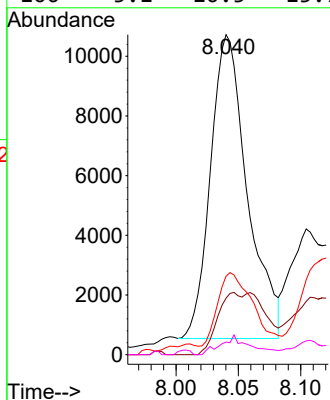
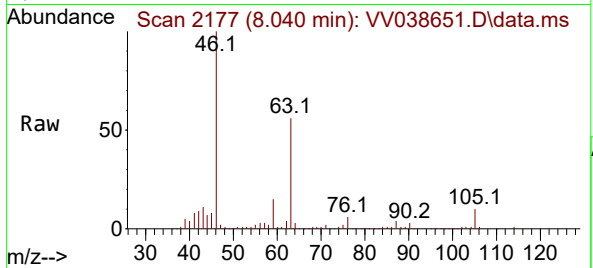




#48
2-Hexanone
Concen: 3.72 ug/L
RT: 8.040 min Scan# 2186
Delta R.T. -0.029 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

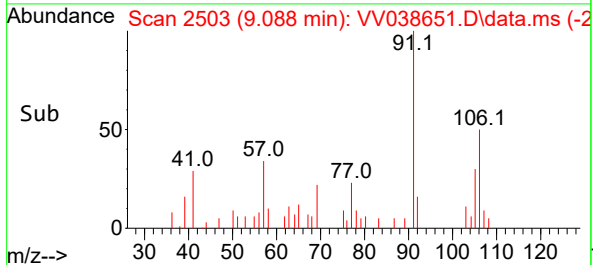
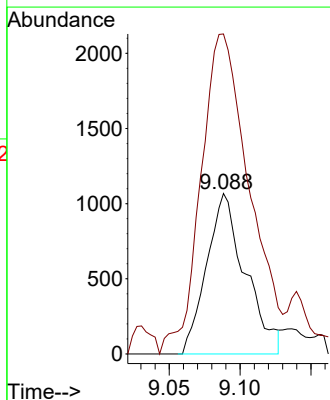
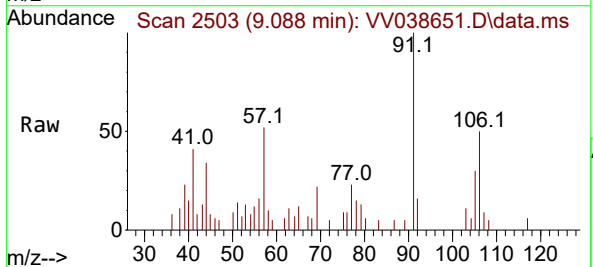
Instrument :
MSVOA_V
ClientSampleId :
E29B0

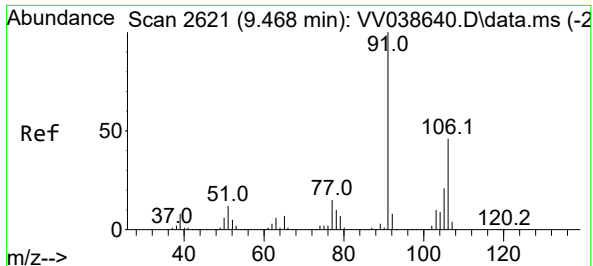
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Ion Ratio	Lower Upper
43	100
58	13.5 46.1 69.1#
57	26.4 15.0 22.6#
100	5.1 10.5 15.7#



#53
m,p-Xylene
Concen: 0.08 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.026 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion: 106	Resp: 2024
Ion Ratio	Lower Upper
106	100
91	199.3 146.3 271.7

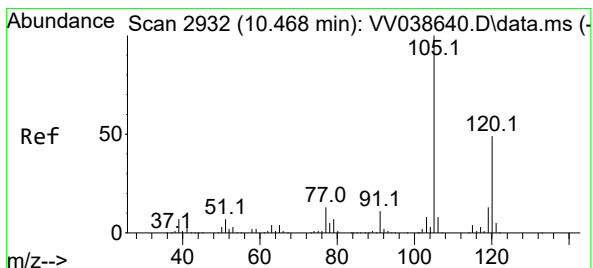
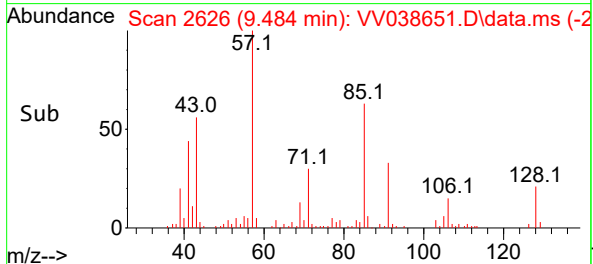
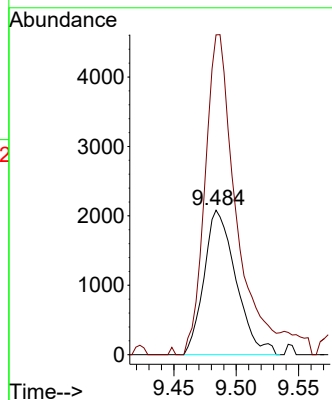
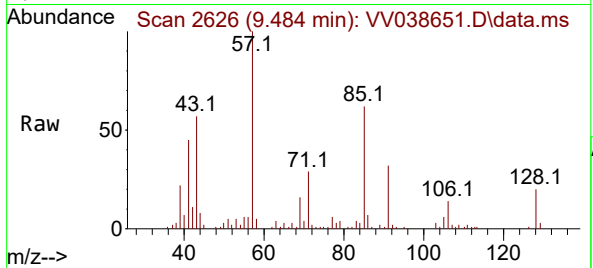




#54
o-Xylene
Concen: 0.16 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

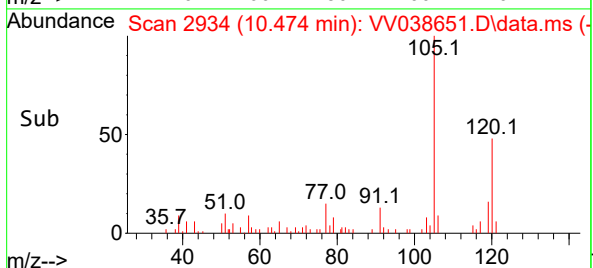
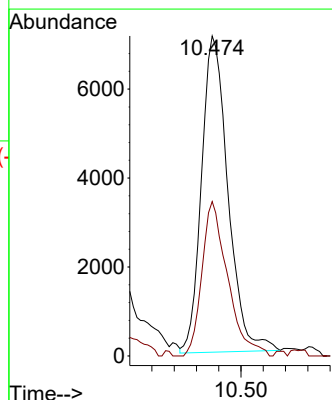
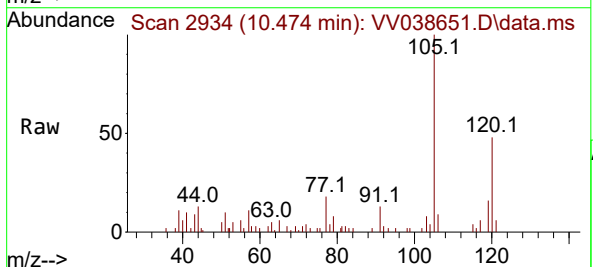
Instrument :
MSVOA_V
ClientSampleId :
E29B0

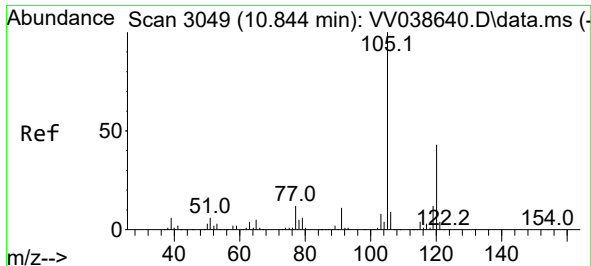
Tgt Ion:106 Resp: 3704
Ion Ratio Lower Upper
106 100
91 221.4 150.8 280.0



#62
1,3,5-Trimethylbenzene
Concen: 0.25 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion:105 Resp: 11721
Ion Ratio Lower Upper
105 100
120 47.4 38.3 57.5

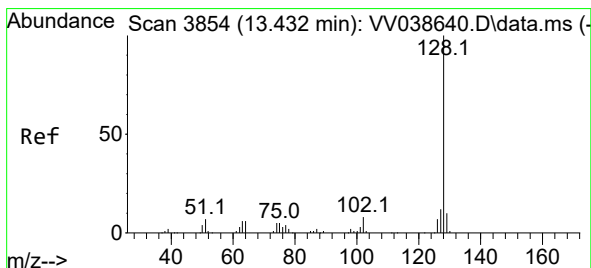
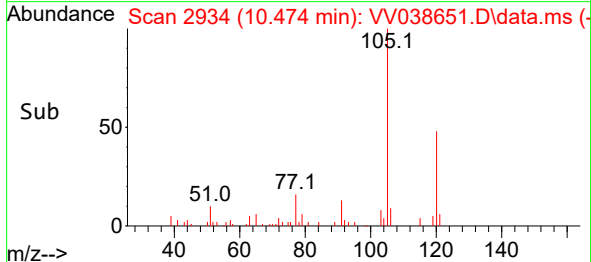
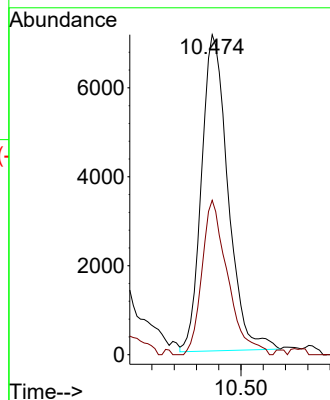
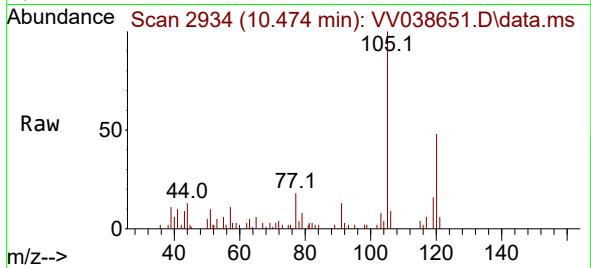




#63
1,2,4-Trimethylbenzene
Concen: 0.26 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.370 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Instrument :
MSVOA_V
ClientSampleId :
E29B0

Tgt Ion:105 Resp: 11721
Ion Ratio Lower Upper
105 100
120 47.4 36.2 54.2



#71
Naphthalene
Concen: 3.80 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV038651.D
Acq: 07 Feb 2025 17:26

Tgt Ion:128 Resp: 88240
Ion Ratio Lower Upper
128 100
129 13.1 7.6 11.4#
127 13.3 10.9 16.3

