

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025814.D
 Acq On : 03 May 2022 23:31
 Operator : SY/MD
 Sample : N2615-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 04 05:12:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134363	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	72724	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.571	69	68750	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.111	63	106163	3.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.896	46	100774	49.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	4.352	84	110452	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.037	65	50496	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.053	84	220715	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.072	67	66135	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.317	98	179342	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.625	79	18054	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.088	63	72497	44.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37883	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59531	5.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	756	0.041	ug/L	98
13) Acetone	2.182	43	18155	13.686	ug/L	89
15) Methyl Acetate	2.182	43	16946	5.337	ug/L #	43
16) Methylene chloride	2.510	84	2787	0.222	ug/L	91
21) 2-Butanone	3.999	43	17599	9.915	ug/L	97
25) Chloroform	4.378	83	5417	0.255	ug/L	92
33) Benzene	5.108	78	20226	0.433	ug/L	100
35) Methylcyclohexane	6.069	83	15853	0.837	ug/L #	27
42) Toluene	7.394	91	32170	0.648	ug/L	95
52) Ethylbenzene	9.021	91	2611	0.051	ug/L	85
53) m,p-Xylene	9.143	106	3547	0.176	ug/L	87
54) o-Xylene	9.548	106	3213	0.168	ug/L	99
60) Isopropylbenzene	10.741	105	1446	0.035	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	8377	1.704	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.542	105	1125	0.063	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	4615	0.142	ug/L	100
71) Naphthalene	13.506	128	5702	0.377	ug/L	97

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Instrument :
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Quant Time: May 04 05:12:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration

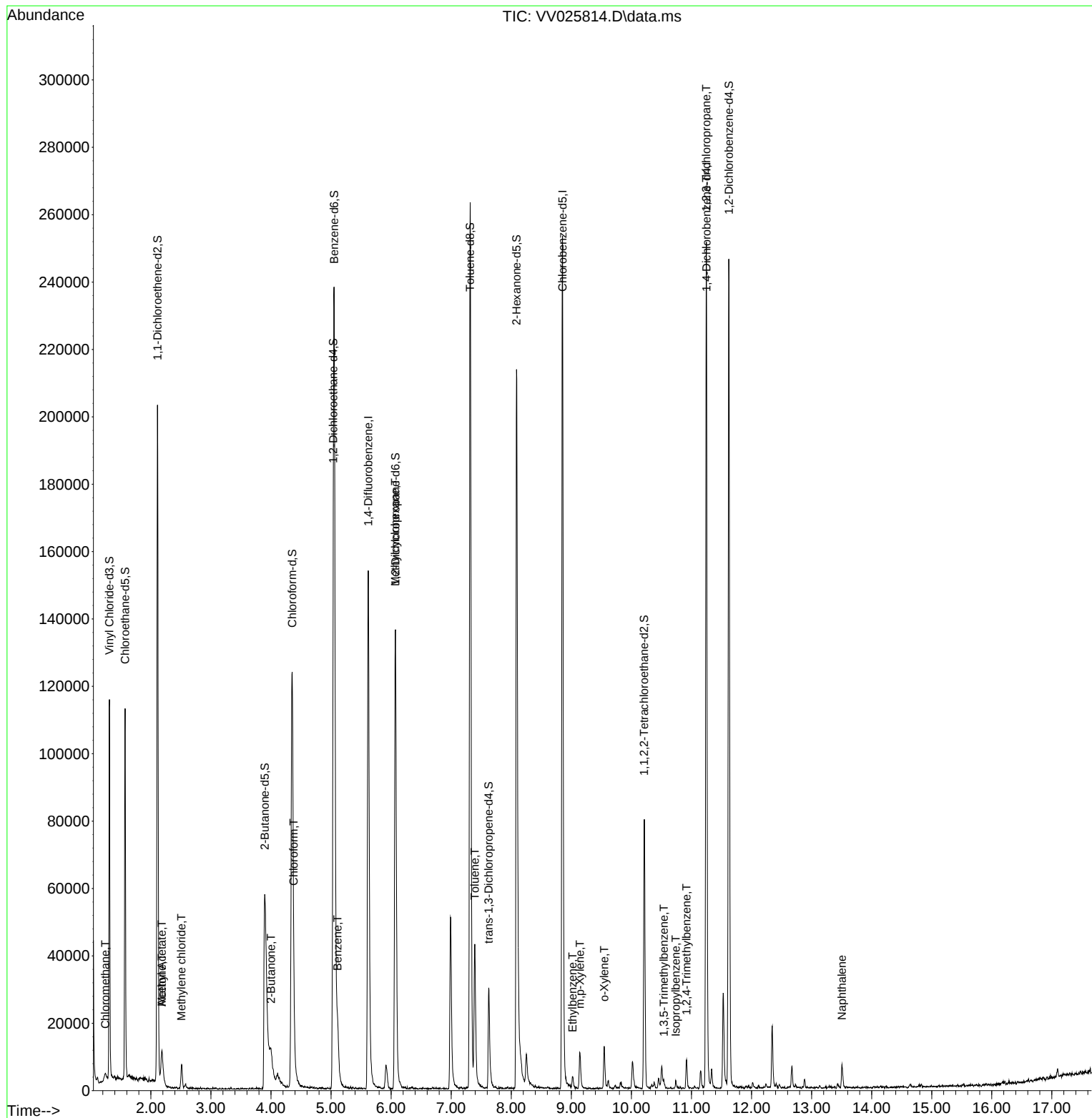
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

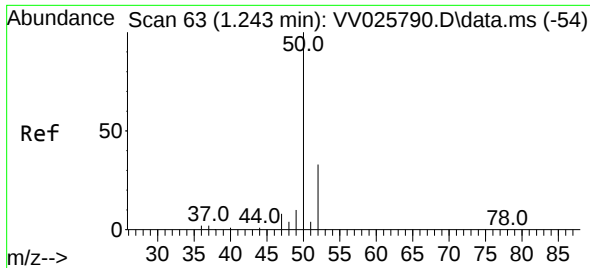
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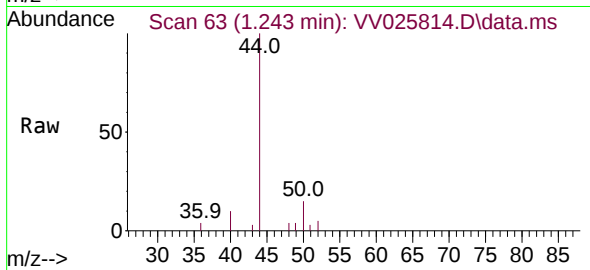
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
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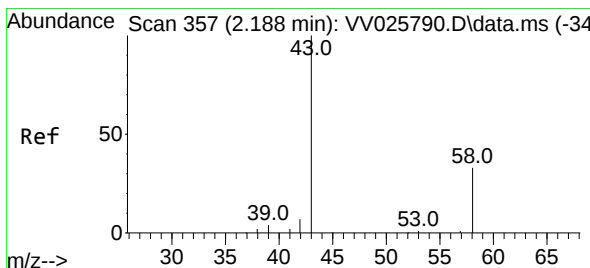
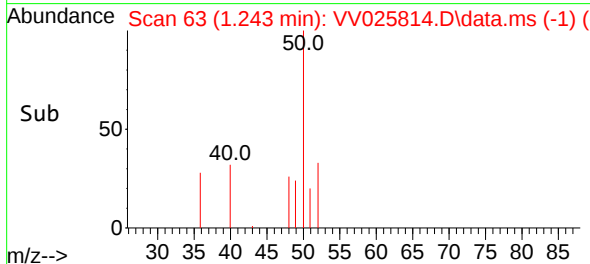
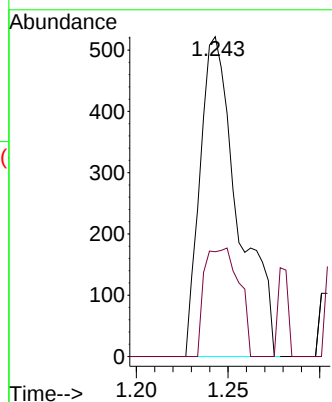


#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

Instrument :
MSVOA_V
ClientSampleId :

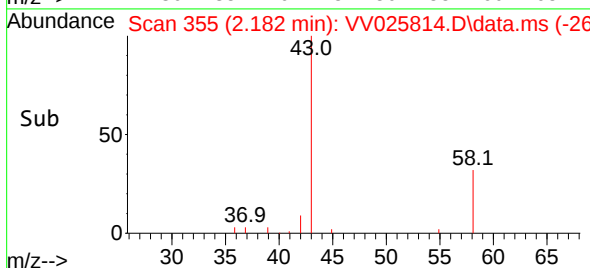
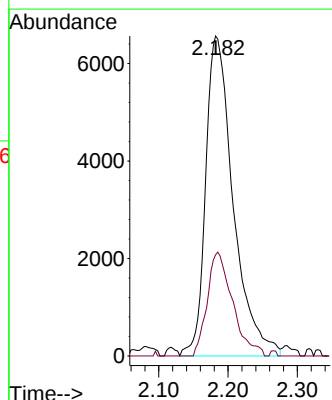
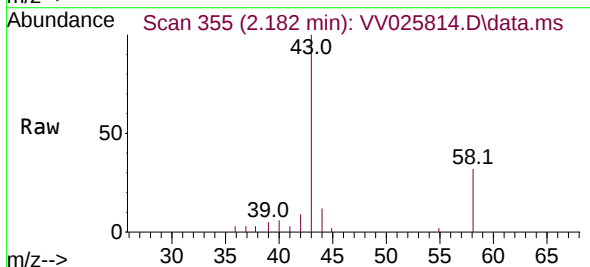


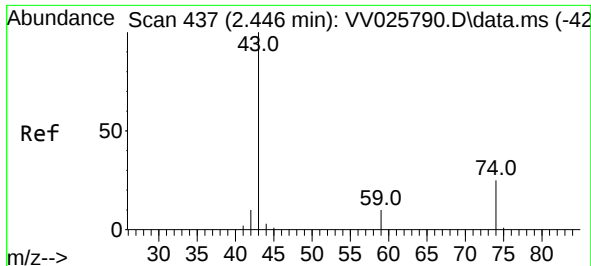
Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9



#13
Acetone
Concen: 13.686 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

Tgt Ion: 43 Resp: 18155
Ion Ratio Lower Upper
43 100
58 29.7 0.0 72.2

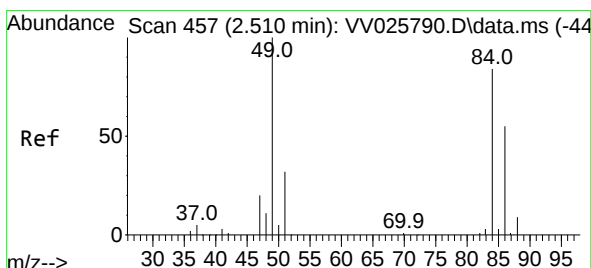
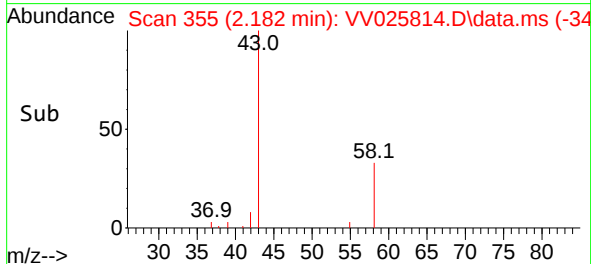
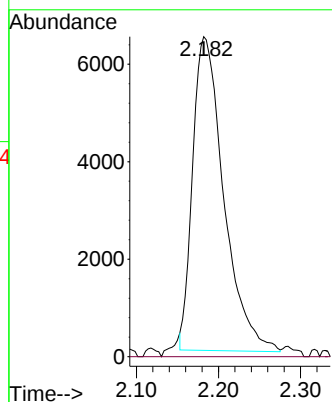
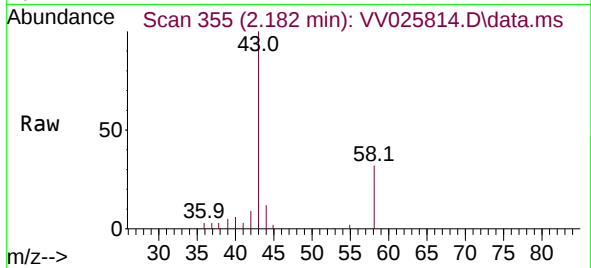




#15
Methyl Acetate
Concen: 5.337 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

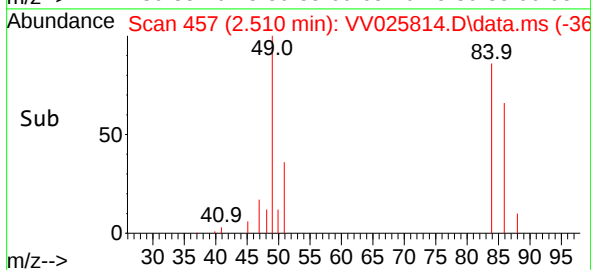
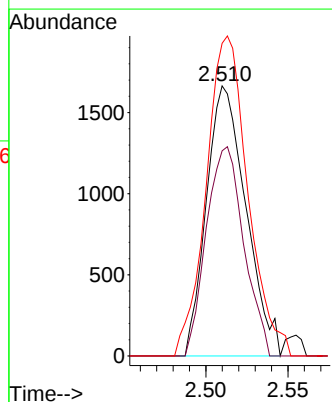
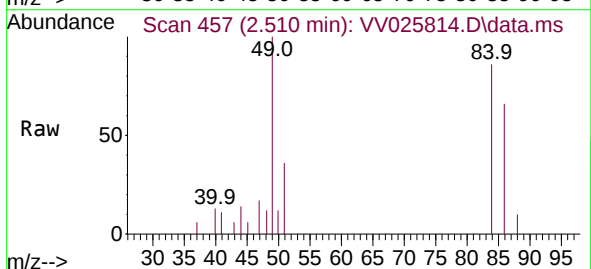
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MSVOA_V
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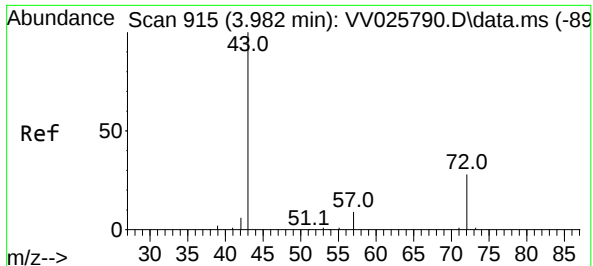
Tgt Ion: 43 Resp: 16946
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.222 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

Tgt Ion: 84 Resp: 2787
Ion Ratio Lower Upper
84 100
86 76.0 45.9 85.3
49 115.8 76.6 142.3

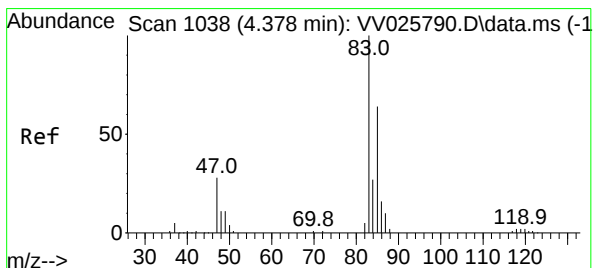
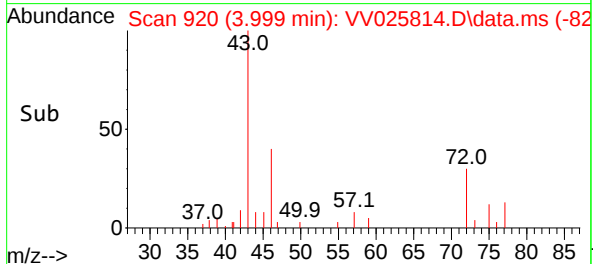
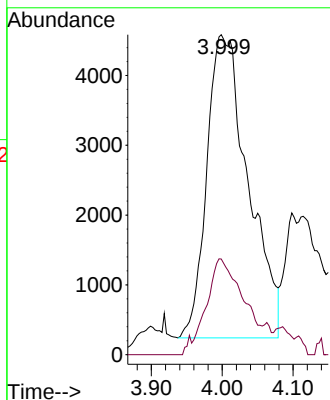
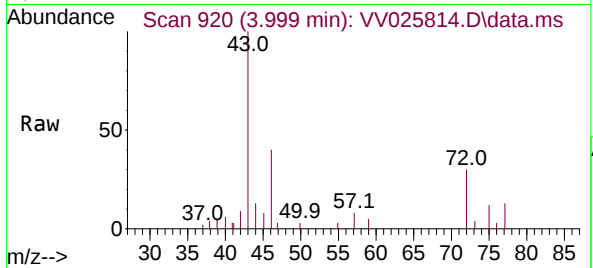




#21
2-Butanone
Concen: 9.915 ug/L
RT: 3.999 min Scan# 915
Delta R.T. 0.016 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

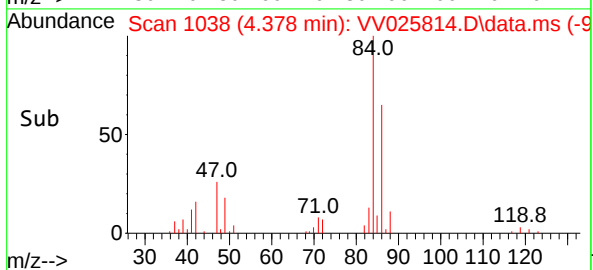
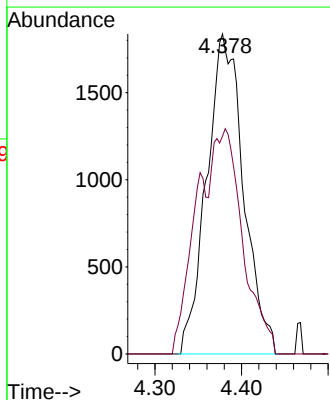
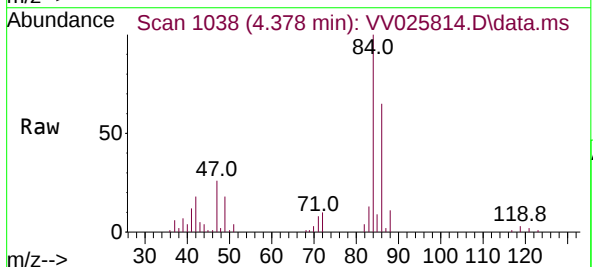
Instrument :
MSVOA_V
ClientSampleId :

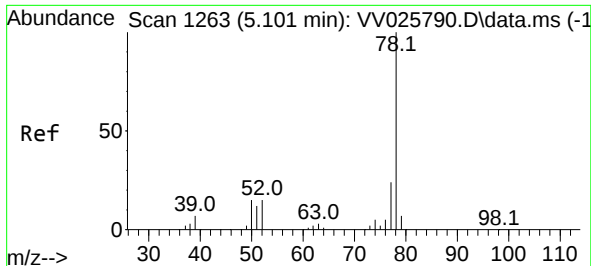
Tgt Ion: 43 Resp: 17599
Ion Ratio Lower Upper
43 100
72 28.8 15.2 45.6



#25
Chloroform
Concen: 0.255 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

Tgt Ion: 83 Resp: 5417
Ion Ratio Lower Upper
83 100
85 68.0 43.5 80.7

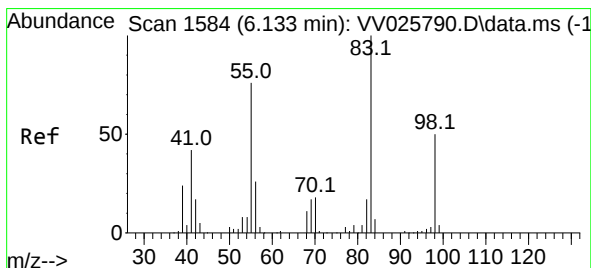
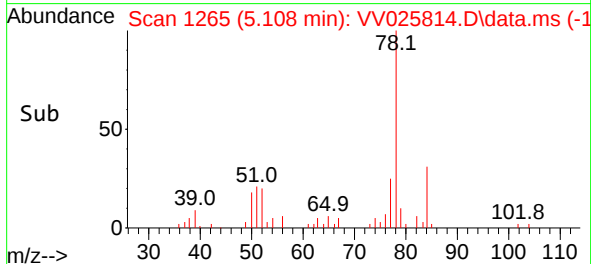
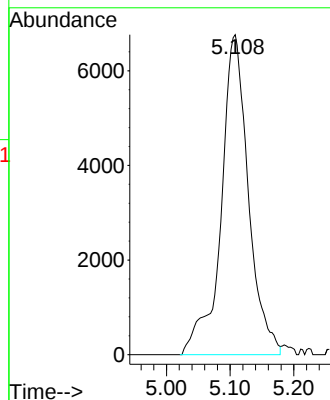
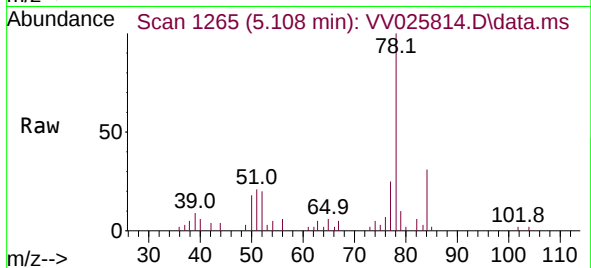




#33
Benzene
Concen: 0.433 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

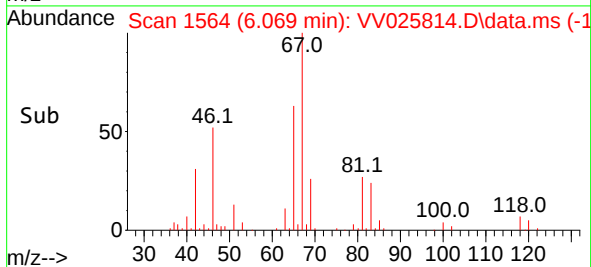
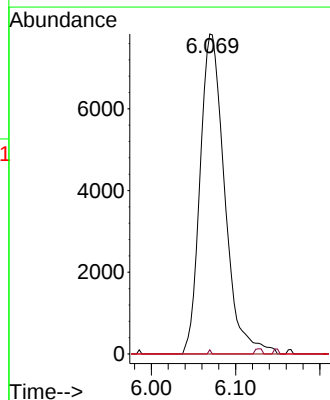
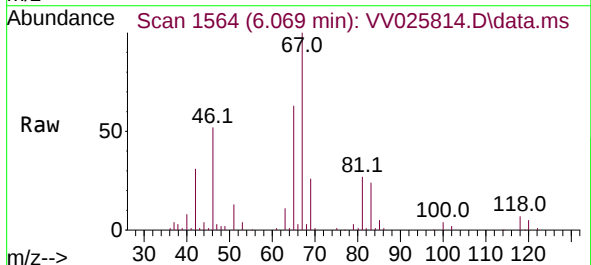
Instrument :
MSVOA_V
ClientSampleId :

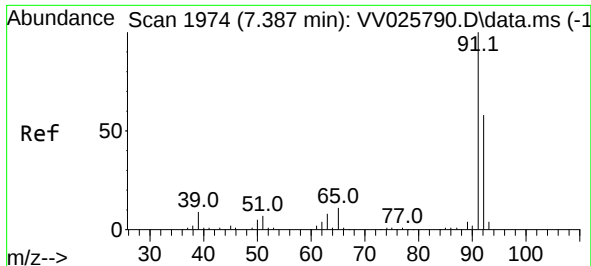
Tgt Ion: 78 Resp: 20226



#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

Tgt Ion: 83 Resp: 15853
Ion Ratio Lower Upper
83 100
55 0.1 53.7 80.5#
98 8.5 39.6 59.4#





#42

Toluene

Concen: 0.648 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025814.D

Acq: 03 May 2022 23:31

Instrument :

MSVOA_V

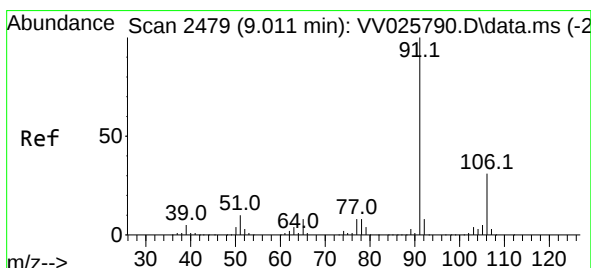
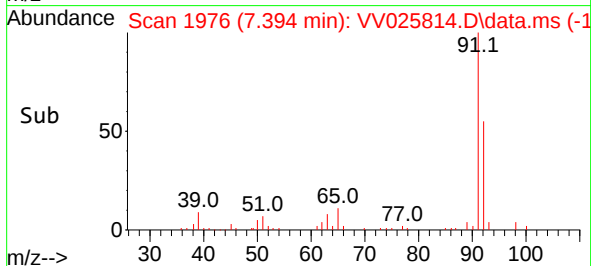
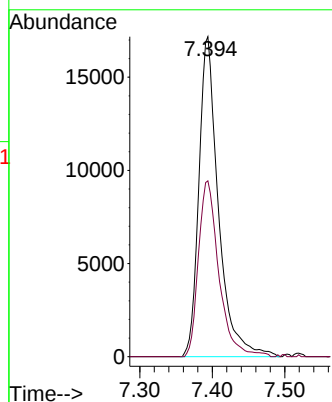
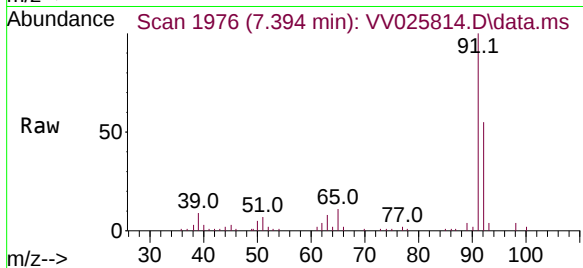
ClientSampleId :

Tgt Ion: 91 Resp: 32170

Ion Ratio Lower Upper

91 100

92 54.9 40.8 75.8



#52

Ethylbenzene

Concen: 0.051 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV025814.D

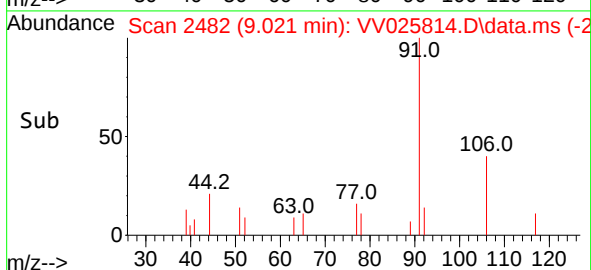
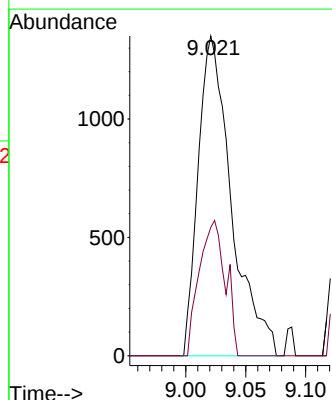
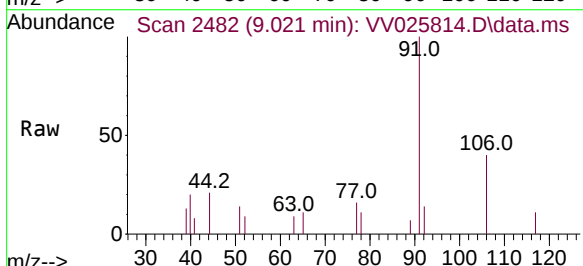
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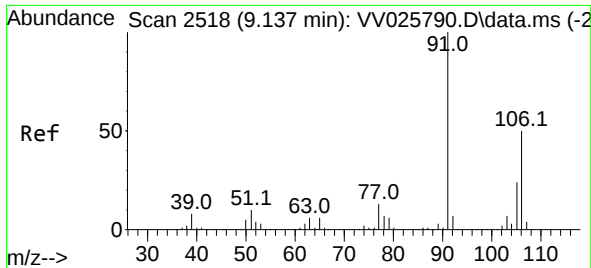
Tgt Ion: 91 Resp: 2611

Ion Ratio Lower Upper

91 100

106 40.1 22.3 41.3

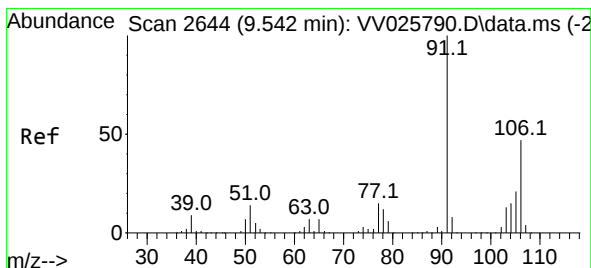
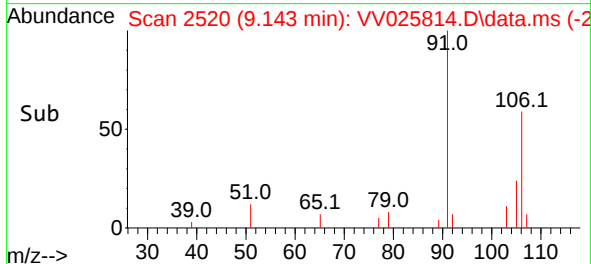
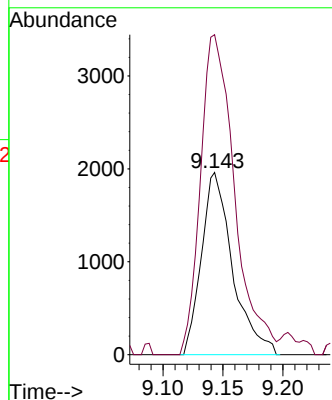
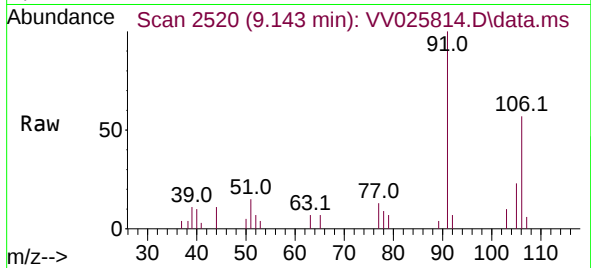




#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

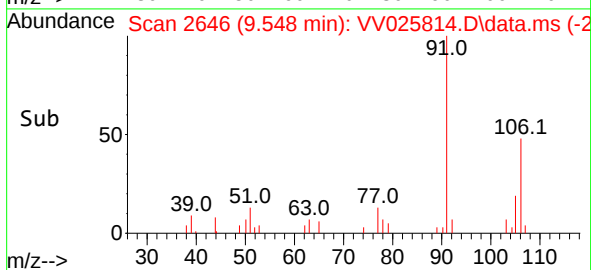
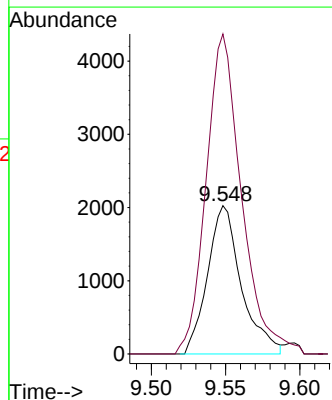
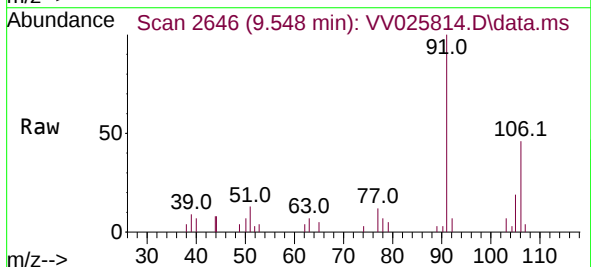
Instrument :
MSVOA_V
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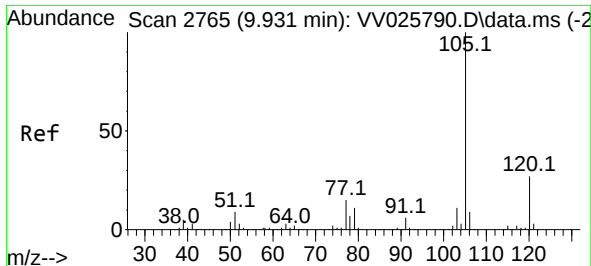
Tgt Ion:106 Resp: 3547
Ion Ratio Lower Upper
106 100
91 175.6 136.4 253.4



#54
o-Xylene
Concen: 0.168 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

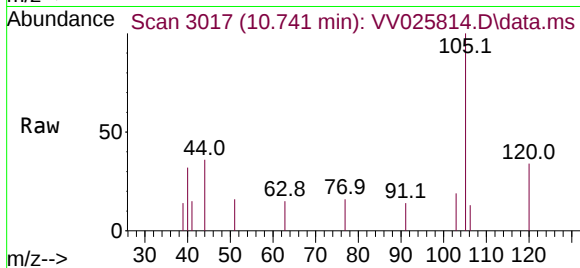
Tgt Ion:106 Resp: 3213
Ion Ratio Lower Upper
106 100
91 215.6 150.4 279.2



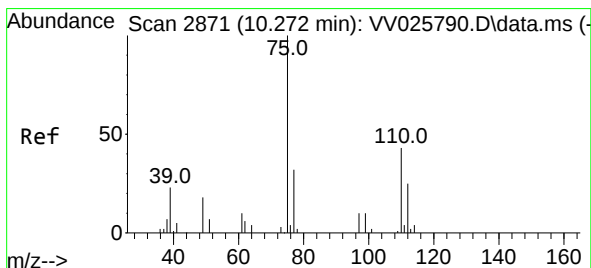
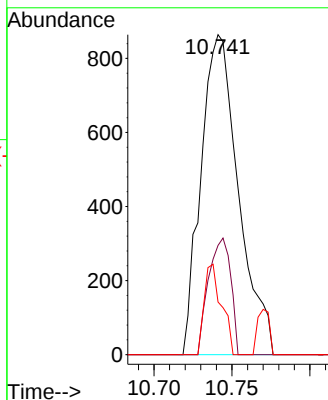
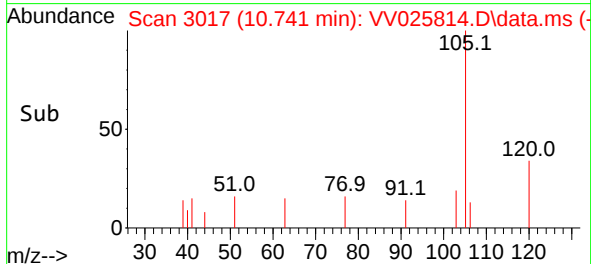


#60
Isopropylbenzene
Concen: 0.035 ug/L
RT: 10.741 min Scan# 30
Delta R.T. 0.810 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31

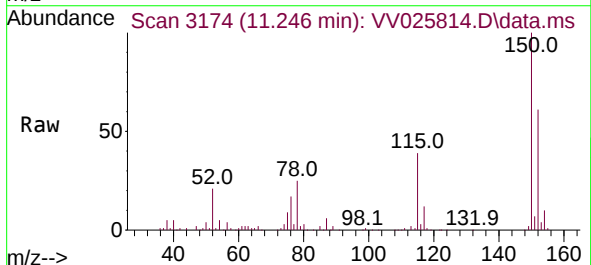
Instrument :
MSVOA_V
ClientSampleId :



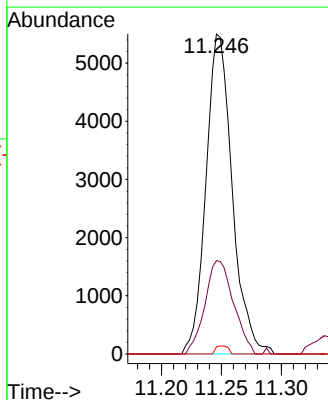
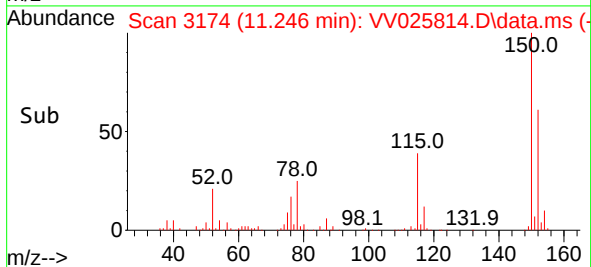
Tgt Ion:105 Resp: 1446
Ion Ratio Lower Upper
105 100
120 21.5 21.2 31.8
77 12.9 12.2 18.2

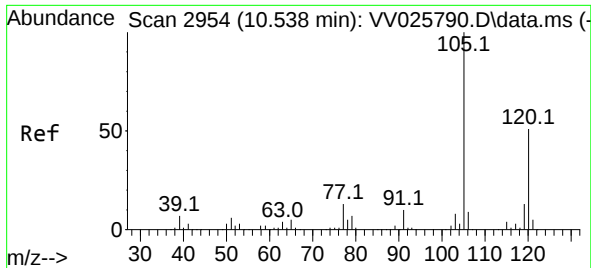


#61
1,2,3-Trichloropropane
Concen: 1.704 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025814.D
Acq: 03 May 2022 23:31



Tgt Ion: 75 Resp: 8377
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
110 1.2 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.063 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV025814.D

Acq: 03 May 2022 23:31

Instrument :

MSVOA_V

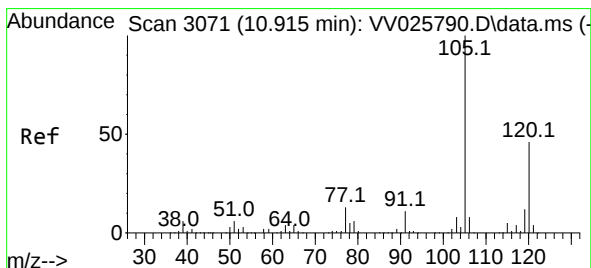
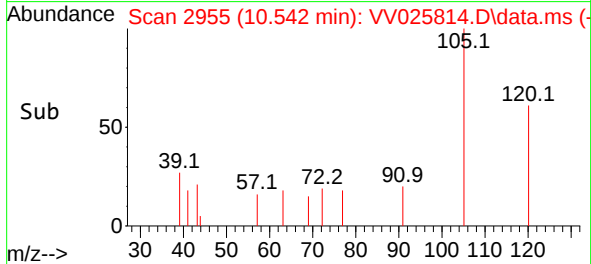
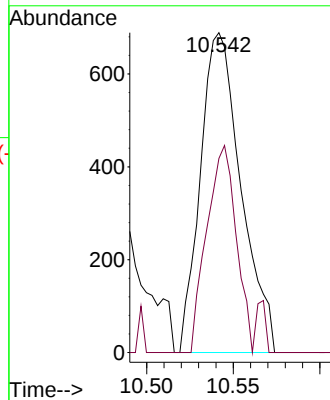
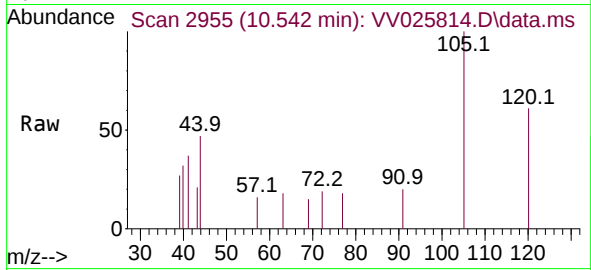
ClientSampleId :

Tgt Ion:105 Resp: 1125

Ion Ratio Lower Upper

105 100

120 46.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.142 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV025814.D

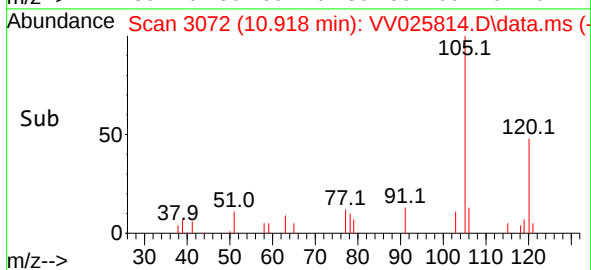
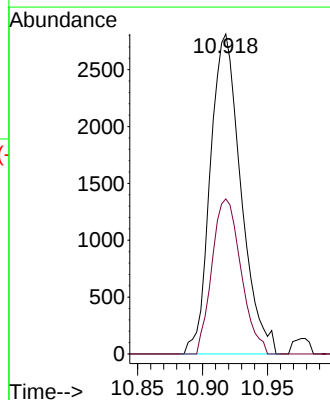
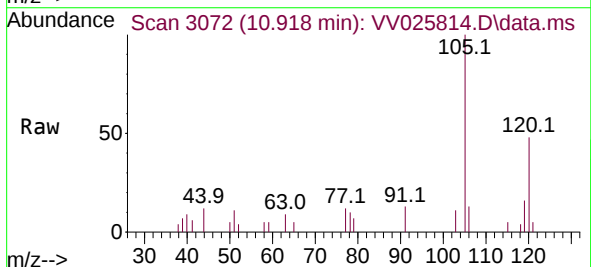
Acq: 03 May 2022 23:31

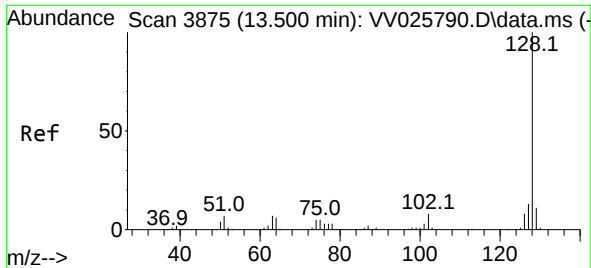
Tgt Ion:105 Resp: 4615

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0





#71

Naphthalene

Concen: 0.377 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

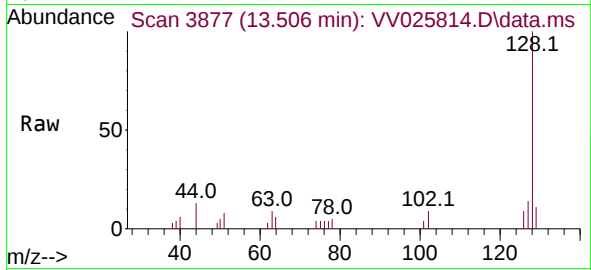
Lab File: VV025814.D

Acq: 03 May 2022 23:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 5702

Ion Ratio Lower Upper

128 100

129 9.5 8.8 13.2

127 13.7 10.4 15.6

