

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025815.D
 Acq On : 03 May 2022 23:55
 Operator : SY/MD
 Sample : N2615-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 04 05:12:14 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	140478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73772	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.571	69	69760	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.111	63	107513	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.896	46	115638	54.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	4.352	84	114522	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	53153	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.053	84	226458	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	67810	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	184093	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.625	79	20482	4.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	84356	49.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41782	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	65180	5.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	764	0.040	ug/L #	59
13) Acetone	2.182	43	19748	14.239	ug/L	95
15) Methyl Acetate	2.182	43	18514	5.577	ug/L #	43
16) Methylene chloride	2.510	84	2600	0.198	ug/L	98
21) 2-Butanone	3.992	43	9866	5.317	ug/L #	57
25) Chloroform	4.381	83	5172	0.233	ug/L	87
33) Benzene	5.108	78	18371	0.378	ug/L	100
35) Methylcyclohexane	6.069	83	16329	0.829	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	8180	0.693	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1531	0.106	ug/L #	52
42) Toluene	7.394	91	26106	0.506	ug/L	98
44) trans-1,3-Dichloropropene	7.632	75	1127	0.098	ug/L	90
52) Ethylbenzene	9.024	91	2255	0.042	ug/L	88
53) m,p-Xylene	9.143	106	2597	0.124	ug/L	89
54) o-Xylene	9.551	106	2805	0.141	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	8381	1.612	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.542	105	1146	0.061	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	4135	0.120	ug/L	96
71) Naphthalene	13.506	128	6226	0.389	ug/L	98

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

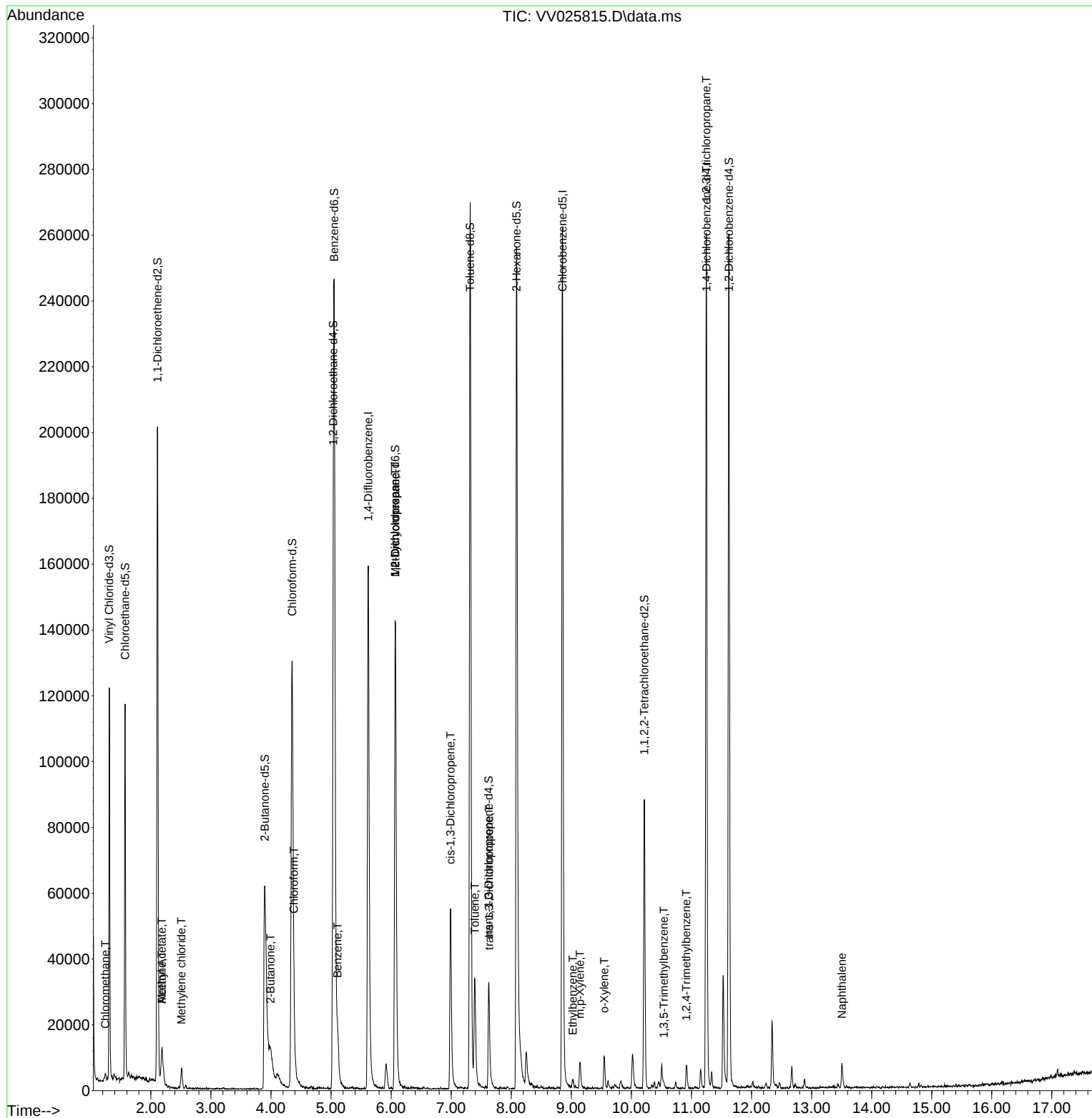
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

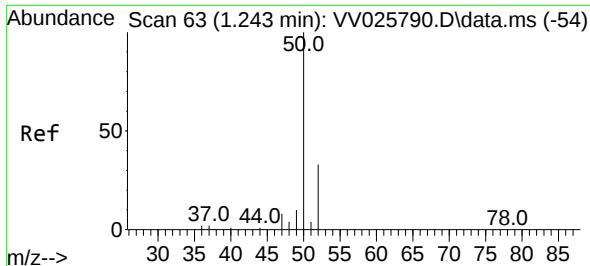
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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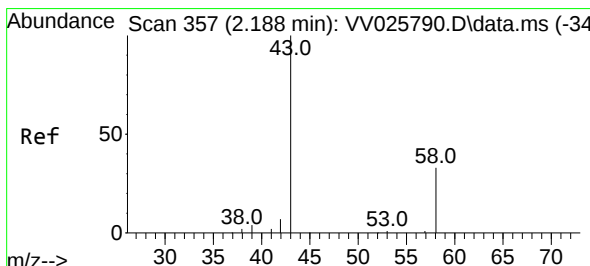
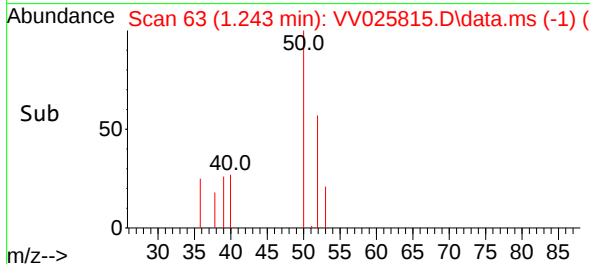
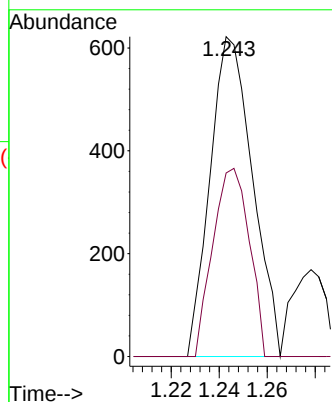
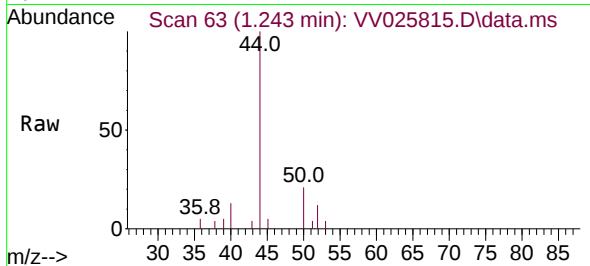




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

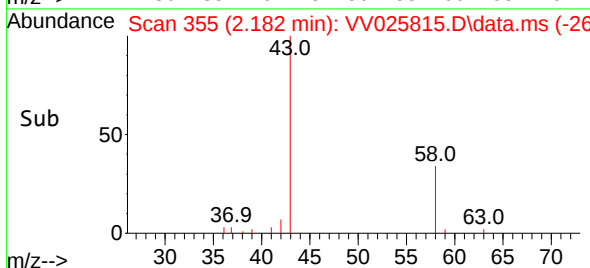
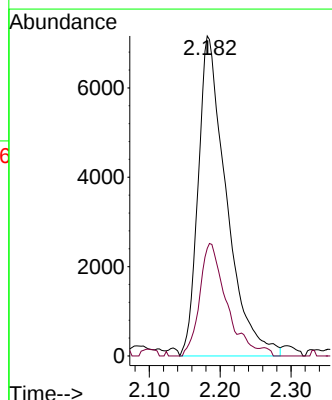
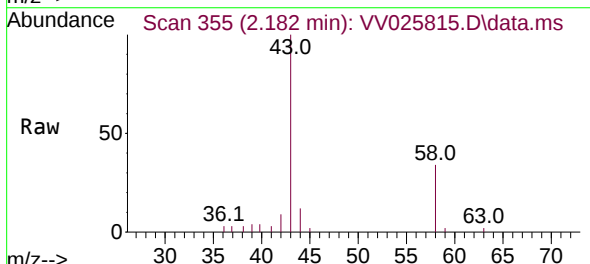
Instrument :
MSVOA_V
ClientSampleId :

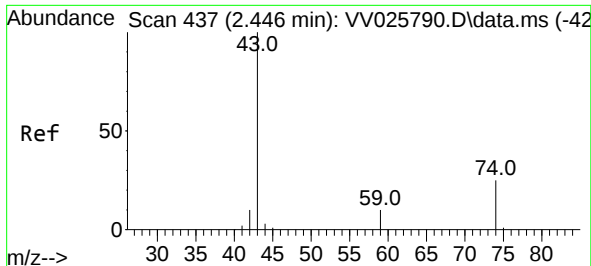
Tgt Ion: 50 Resp: 764
Ion Ratio Lower Upper
50 100
52 57.4 23.7 43.9#



#13
Acetone
Concen: 14.239 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.007 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

Tgt Ion: 43 Resp: 19748
Ion Ratio Lower Upper
43 100
58 33.1 0.0 72.2

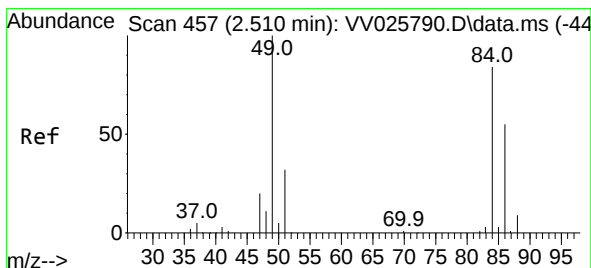
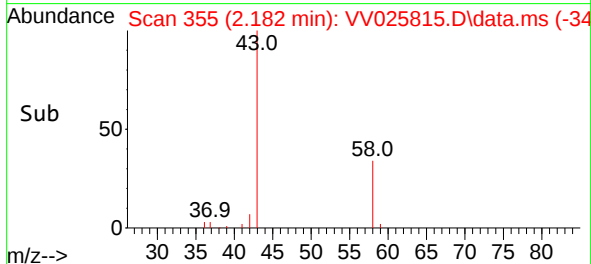
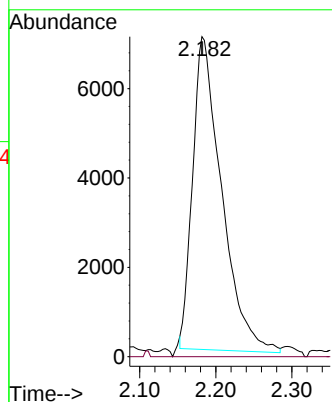
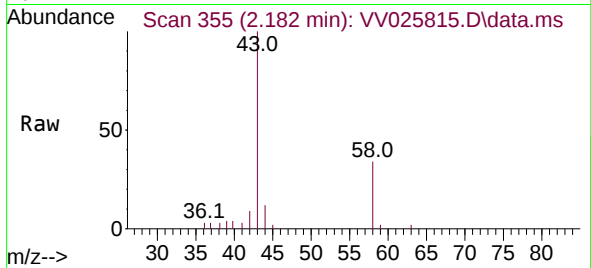




#15
Methyl Acetate
Concen: 5.577 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

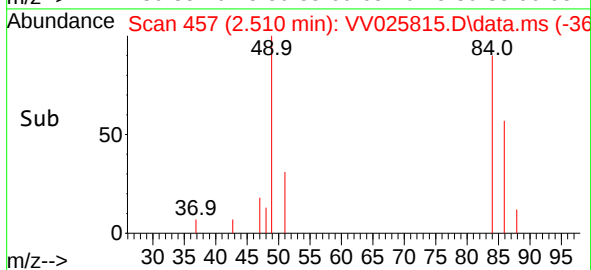
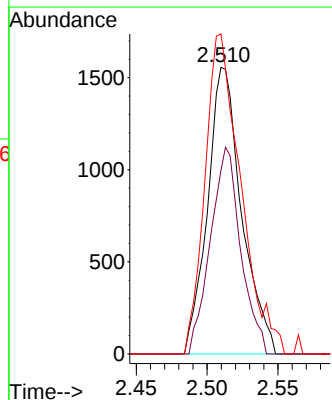
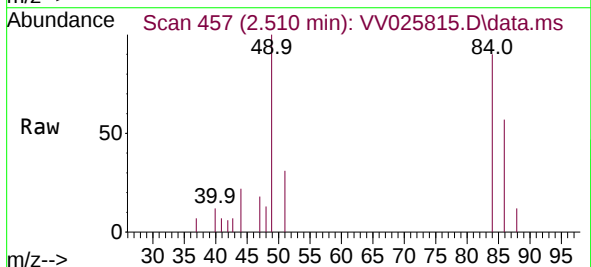
Instrument :
MSVOA_V
ClientSampleId :

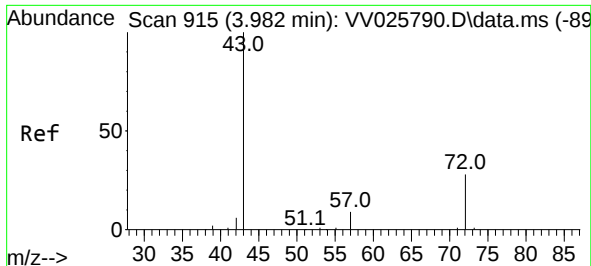
Tgt Ion: 43 Resp: 18514
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.198 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

Tgt Ion: 84 Resp: 2600
Ion Ratio Lower Upper
84 100
86 64.1 45.9 85.3
49 111.6 76.6 142.3





#21

2-Butanone

Concen: 5.317 ug/L

RT: 3.992 min Scan# 915

Delta R.T. 0.010 min

Lab File: VV025815.D

Acq: 03 May 2022 23:55

Instrument :

MSVOA_V

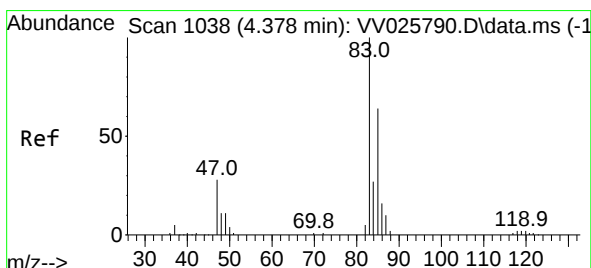
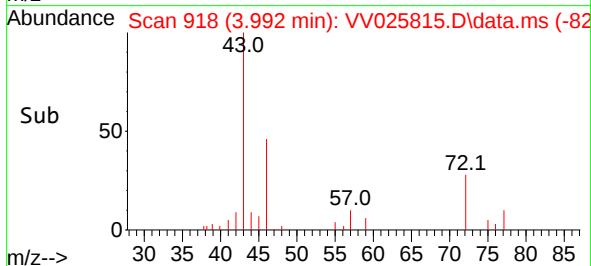
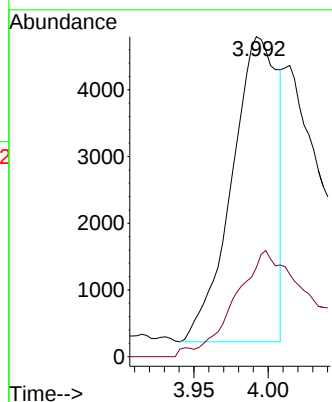
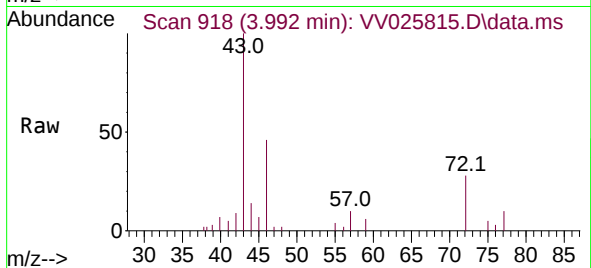
ClientSampleId :

Tgt Ion: 43 Resp: 9866

Ion Ratio Lower Upper

43 100

72 53.9 15.2 45.6#



#25

Chloroform

Concen: 0.233 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV025815.D

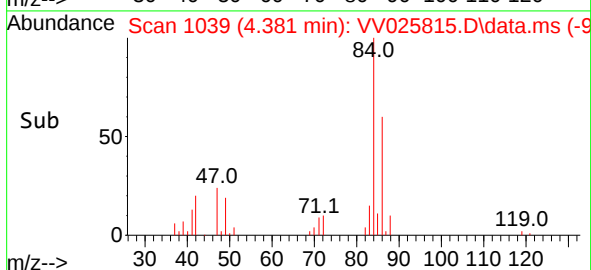
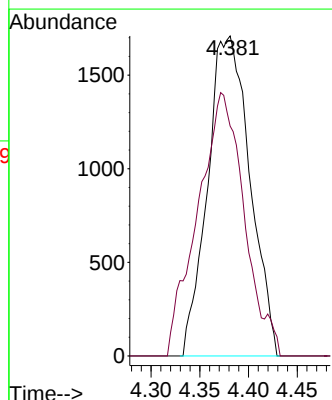
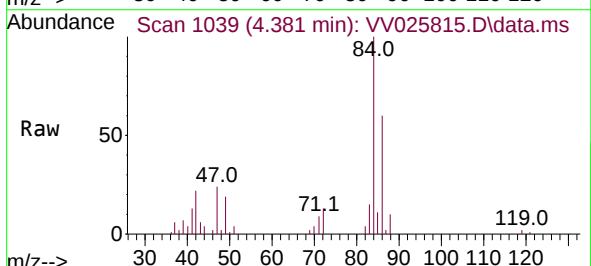
Acq: 03 May 2022 23:55

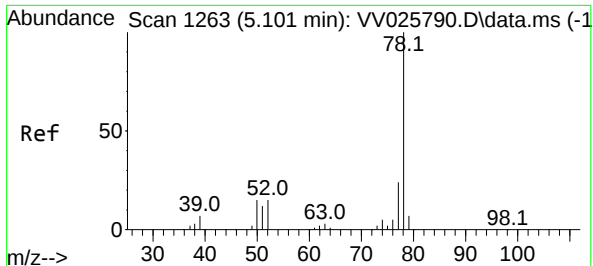
Tgt Ion: 83 Resp: 5172

Ion Ratio Lower Upper

83 100

85 71.9 43.5 80.7

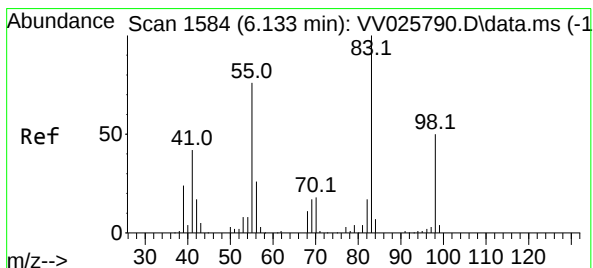
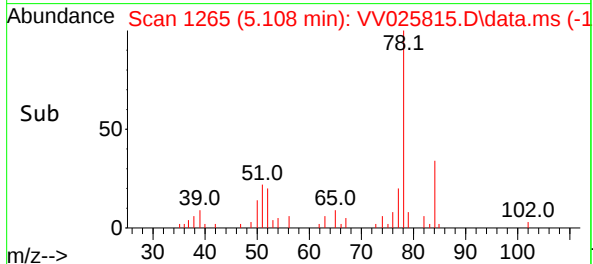
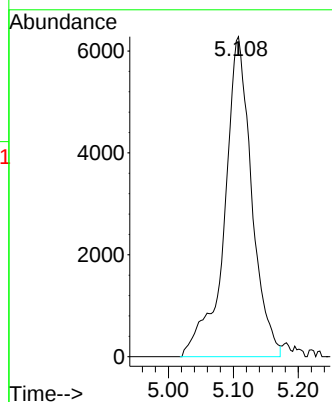
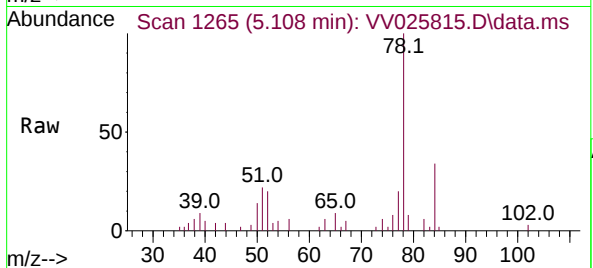




#33
Benzene
Concen: 0.378 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

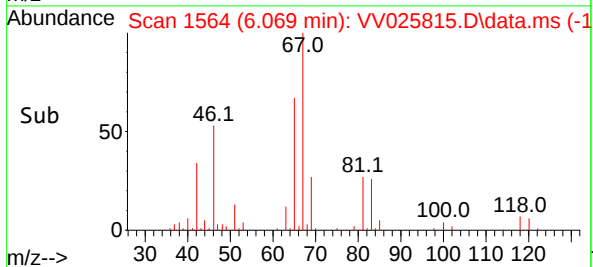
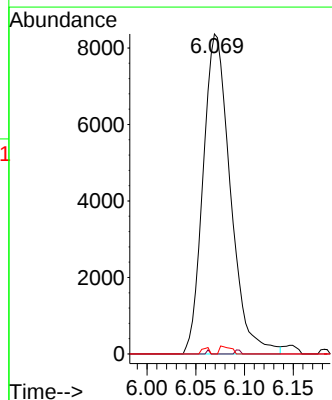
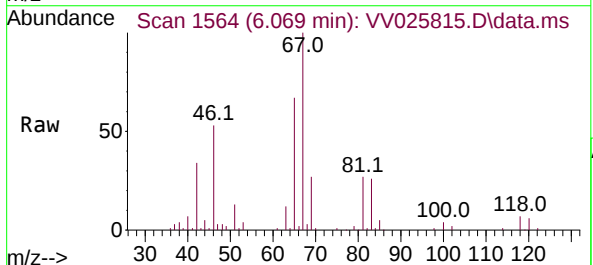
Instrument :
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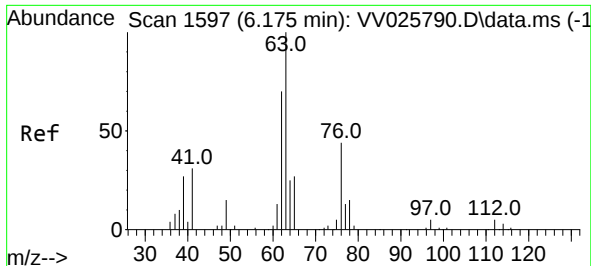
Tgt Ion: 78 Resp: 18371



#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

Tgt Ion: 83 Resp: 16329
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 1.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV025815.D

Acq: 03 May 2022 23:55

Instrument :

MSVOA_V

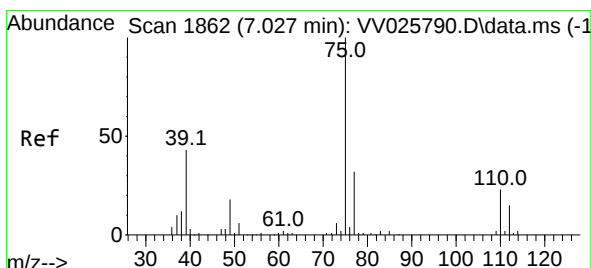
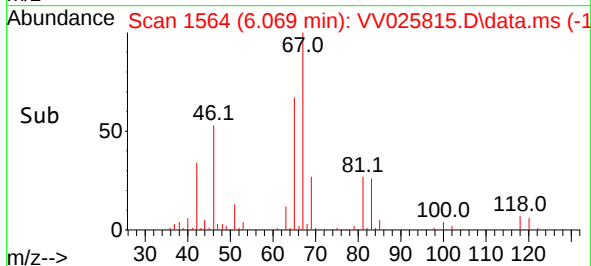
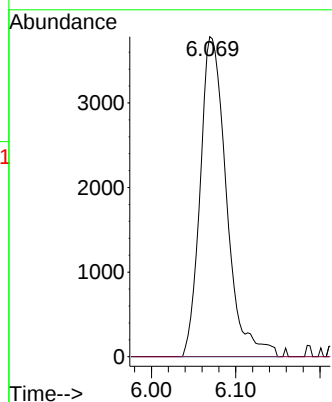
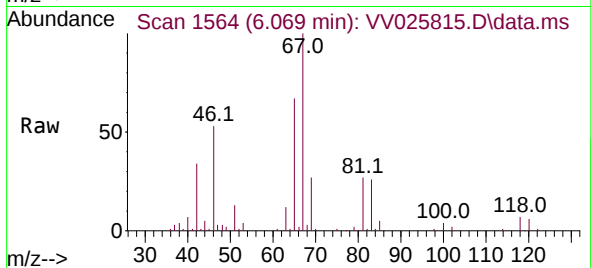
ClientSampleId :

Tgt Ion: 63 Resp: 8180

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025815.D

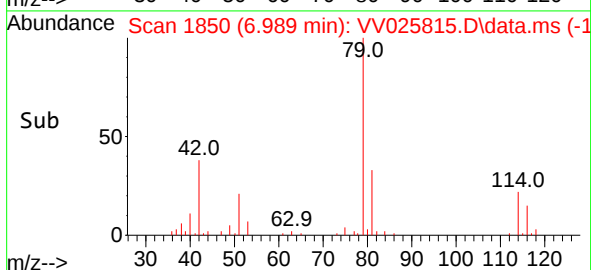
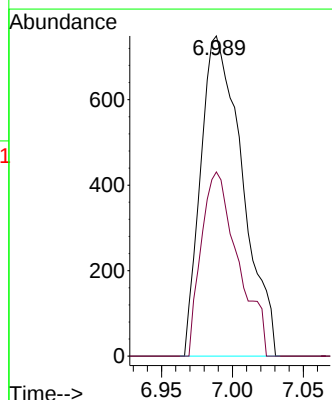
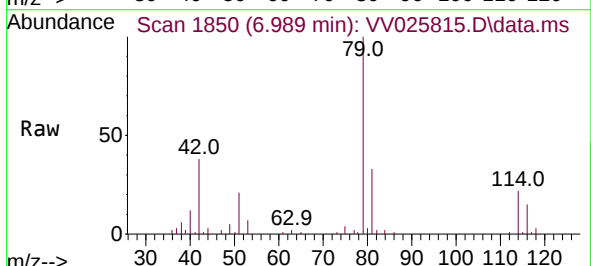
Acq: 03 May 2022 23:55

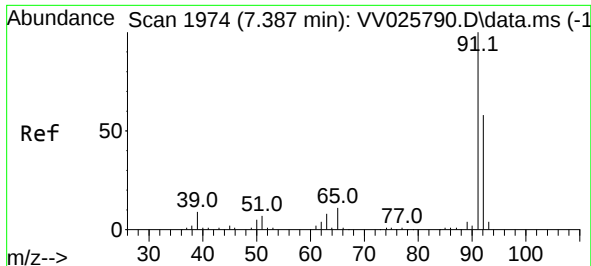
Tgt Ion: 75 Resp: 1531

Ion Ratio Lower Upper

75 100

77 57.5 21.8 40.6#





#42

Toluene

Concen: 0.506 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025815.D

Acq: 03 May 2022 23:55

Instrument :

MSVOA_V

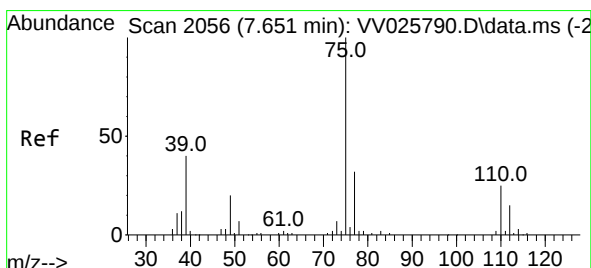
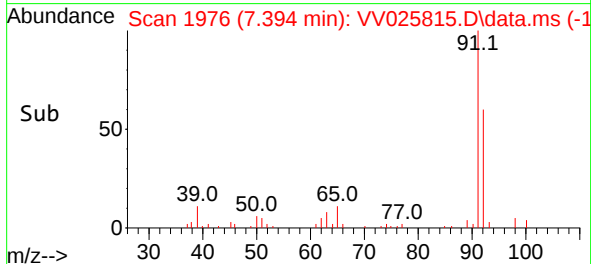
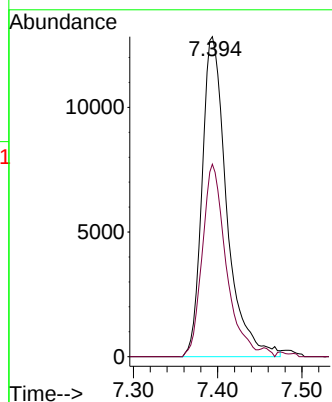
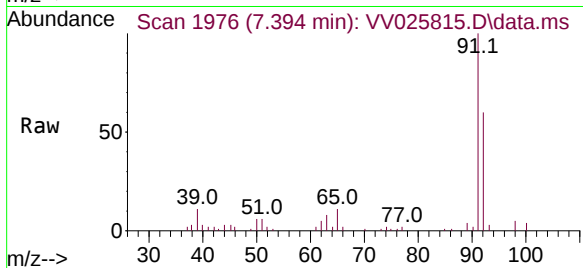
ClientSampleId :

Tgt Ion: 91 Resp: 26106

Ion Ratio Lower Upper

91 100

92 60.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV025815.D

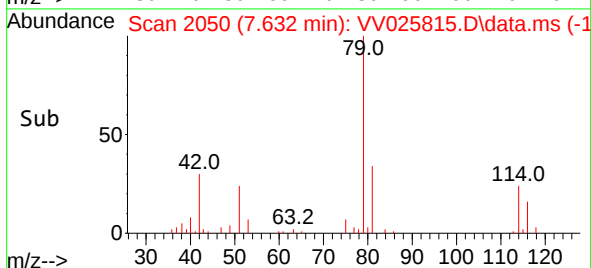
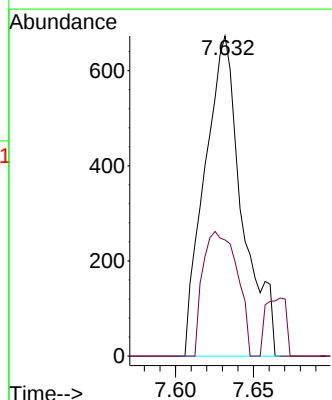
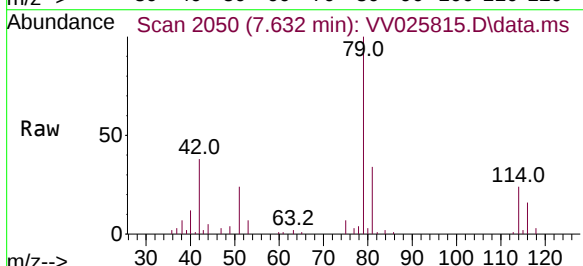
Acq: 03 May 2022 23:55

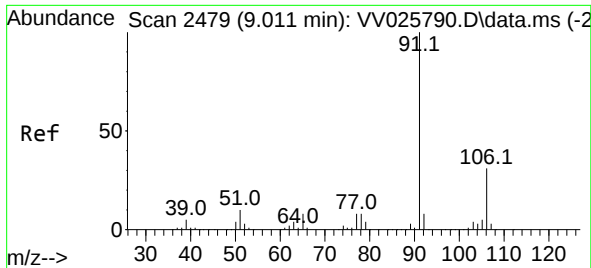
Tgt Ion: 75 Resp: 1127

Ion Ratio Lower Upper

75 100

77 36.3 21.7 40.3

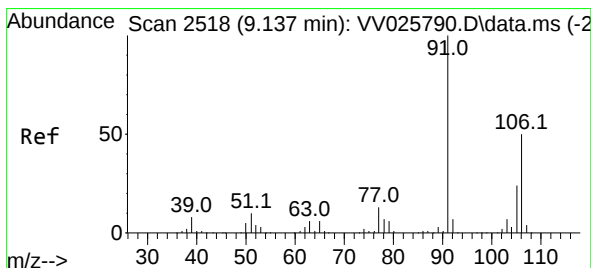
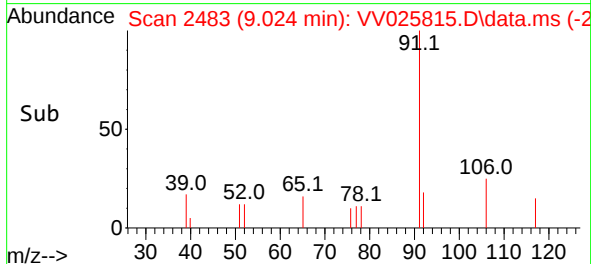
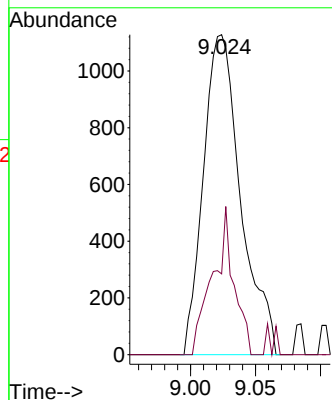
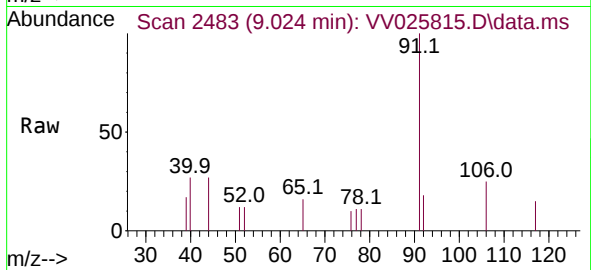




#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.024 min Scan# 2479
Delta R.T. 0.013 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

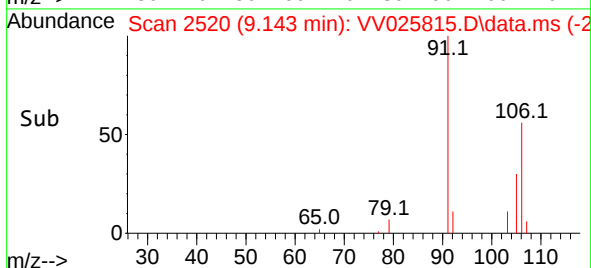
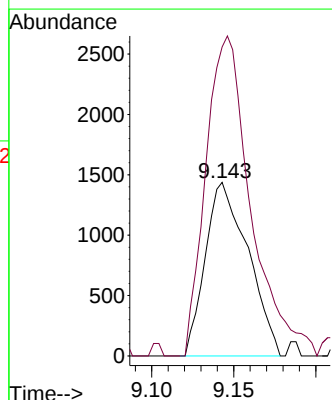
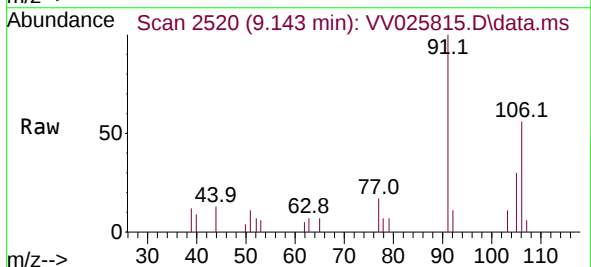
Instrument :
MSVOA_V
ClientSampleId :

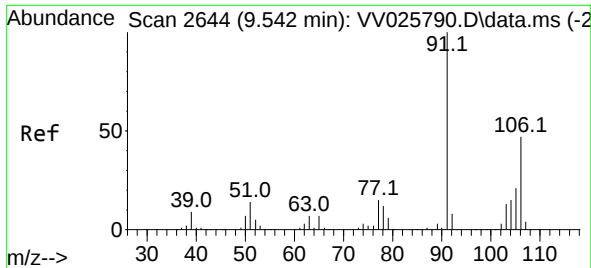
Tgt Ion: 91 Resp: 2255
Ion Ratio Lower Upper
91 100
106 25.3 22.3 41.3



#53
m,p-Xylene
Concen: 0.124 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

Tgt Ion: 106 Resp: 2597
Ion Ratio Lower Upper
106 100
91 178.1 136.4 253.4

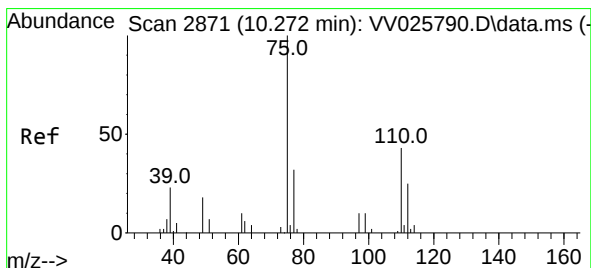
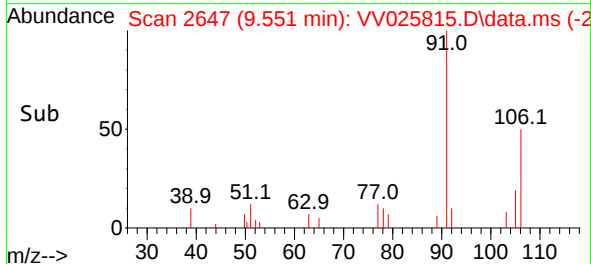
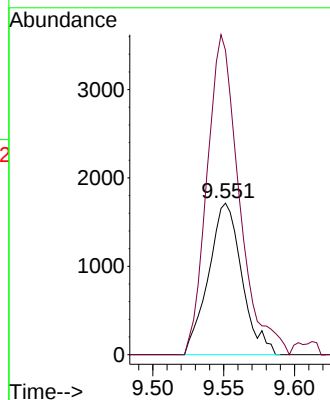
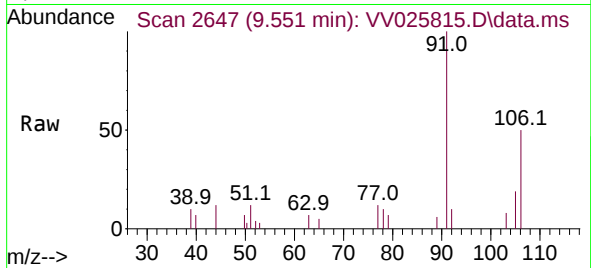




#54
o-Xylene
Concen: 0.141 ug/L
RT: 9.551 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

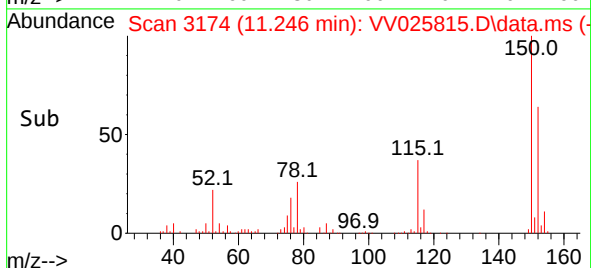
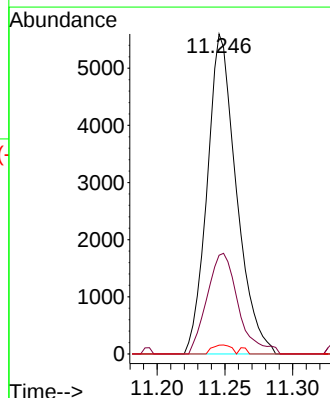
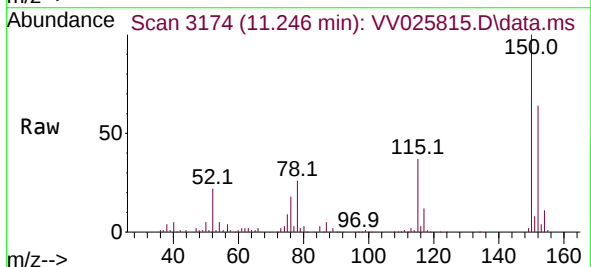
Instrument :
MSVOA_V
ClientSampleId :

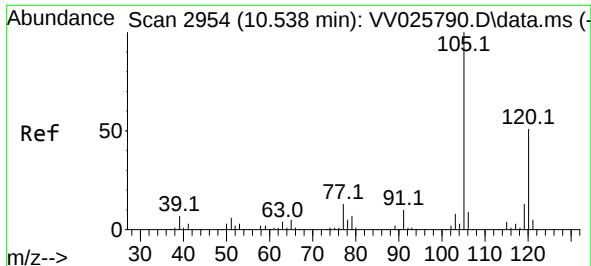
Tgt Ion:106 Resp: 2805
Ion Ratio Lower Upper
106 100
91 200.9 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.612 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025815.D
Acq: 03 May 2022 23:55

Tgt Ion: 75 Resp: 8381
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4
110 1.8 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.061 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV025815.D

Acq: 03 May 2022 23:55

Instrument :

MSVOA_V

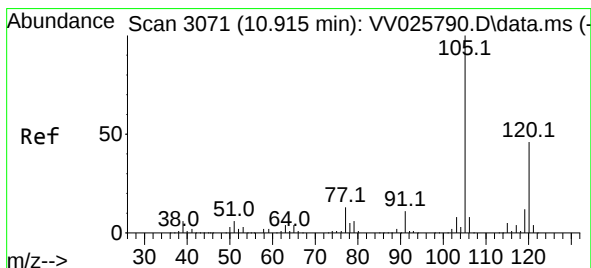
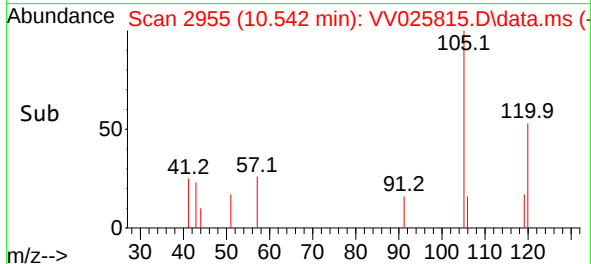
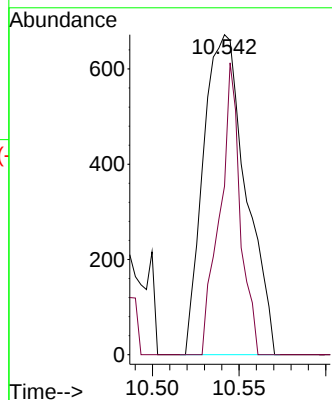
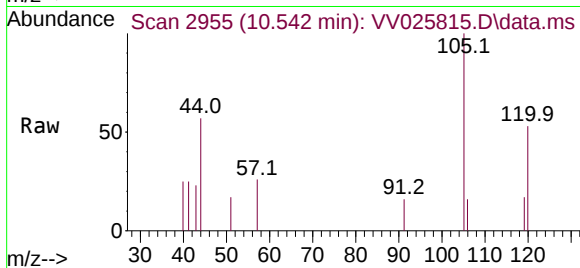
ClientSampleId :

Tgt Ion:105 Resp: 1146

Ion Ratio Lower Upper

105 100

120 43.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.120 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV025815.D

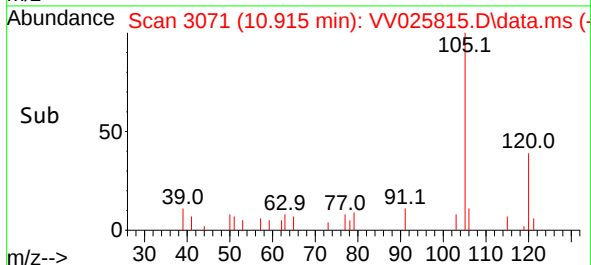
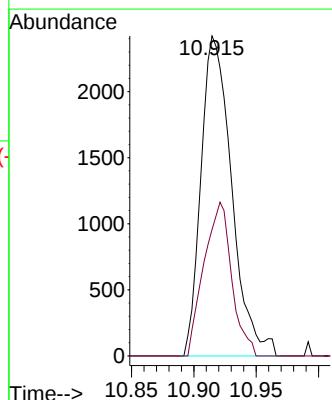
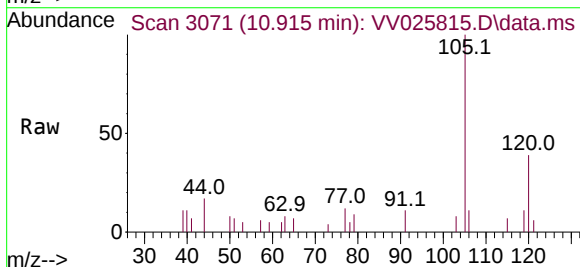
Acq: 03 May 2022 23:55

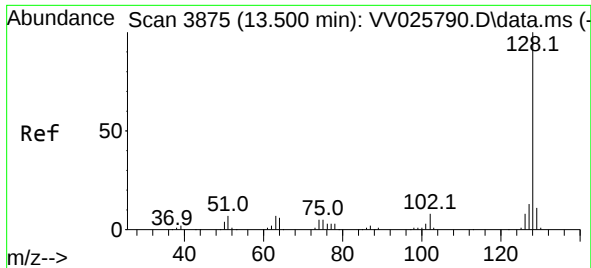
Tgt Ion:105 Resp: 4135

Ion Ratio Lower Upper

105 100

120 43.5 36.6 55.0





#71

Naphthalene

Concen: 0.389 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

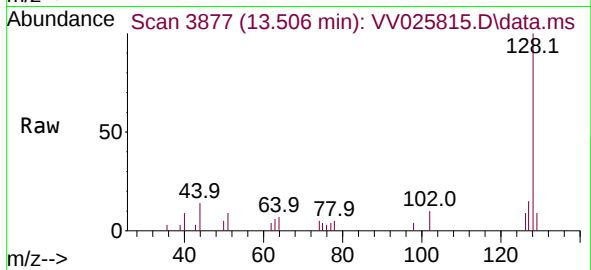
Lab File: VV025815.D

Acq: 03 May 2022 23:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 6226

Ion Ratio Lower Upper

128 100

129 9.8 8.8 13.2

127 12.4 10.4 15.6

