

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050422\
 Data File : VV025841.D
 Acq On : 04 May 2022 11:59
 Operator : SY/MD
 Sample : N2678-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 04:57:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 05 04:55:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68204	4.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.568	69	65244	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.108	63	100692	3.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.905	46	102093	44.403	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.800%
24) Chloroform-d	4.349	84	110784	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.034	65	51239	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.053	84	219092	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.072	67	65612	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.317	98	174433	3.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.625	79	18189	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	79567	43.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42010	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59949	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	910	0.043	ug/L #	71
6) Bromomethane	1.526	94	466	0.041	ug/L	99
13) Acetone	2.191	43	16212	10.713	ug/L	74
15) Methyl Acetate	2.191	43	16212	4.476	ug/L #	43
21) 2-Butanone	4.018	43	15313	7.563	ug/L #	71
25) Chloroform	4.371	83	5076	0.209	ug/L	93
33) Benzene	5.104	78	12058	0.230	ug/L	100
35) Methylcyclohexane	6.072	83	15761	0.743	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7494	0.589	ug/L #	85
42) Toluene	7.394	91	15361	0.276	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	951	0.077	ug/L	86
53) m,p-Xylene	9.143	106	1478	0.065	ug/L	89
54) o-Xylene	9.548	106	1693	0.079	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	8454	1.433	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.542	105	949	0.045	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	3182	0.082	ug/L	97
71) Naphthalene	13.506	128	5621	0.309	ug/L	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 05 04:55:53 2022
Response via : Initial Calibration

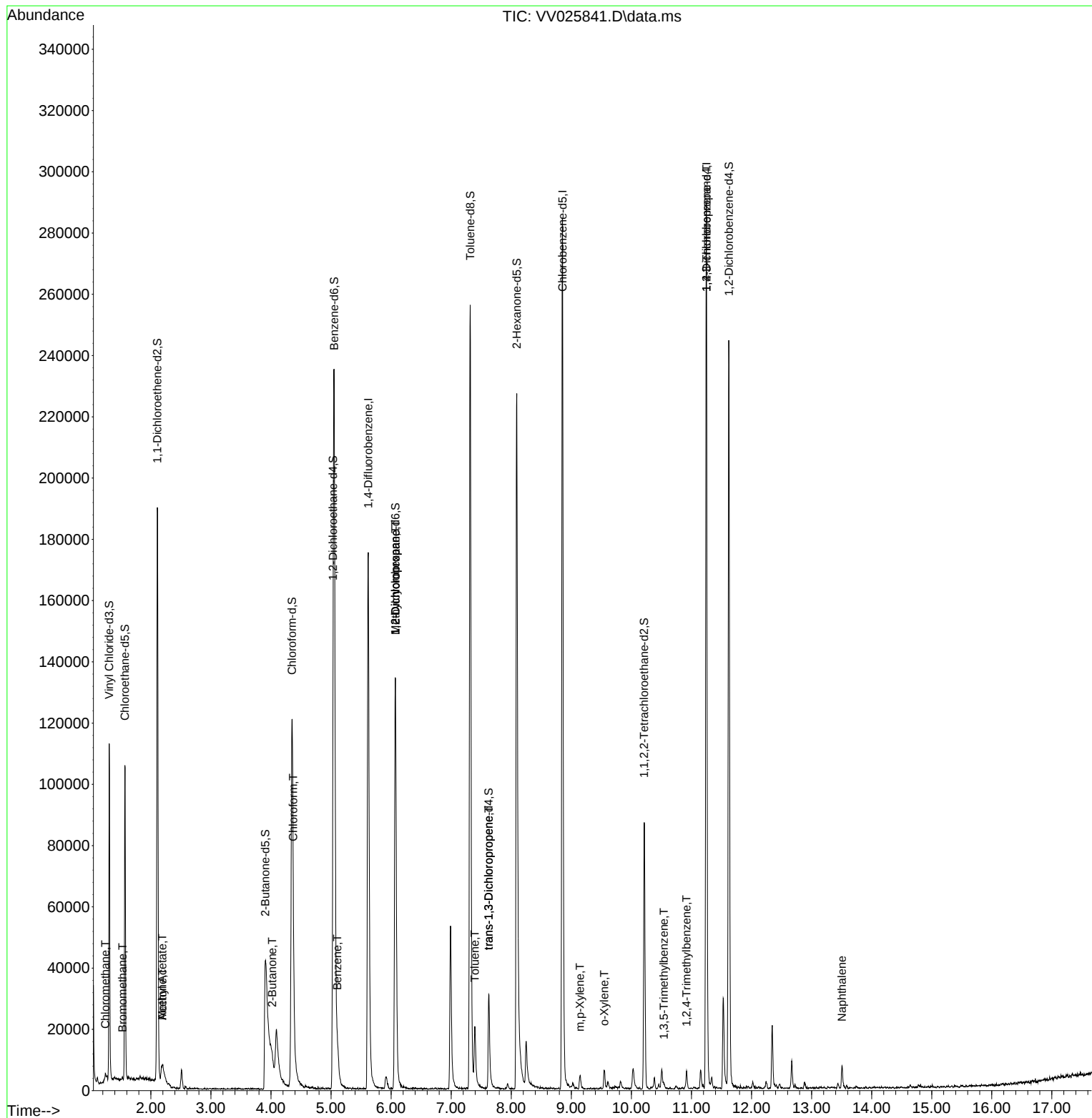
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

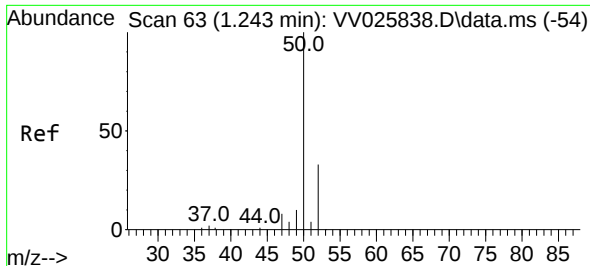
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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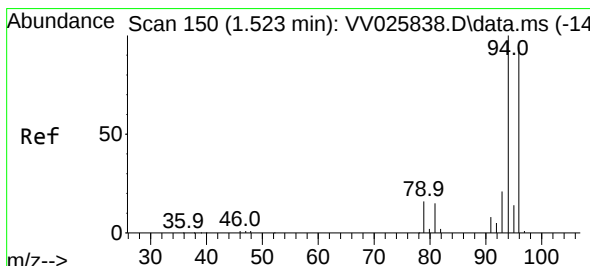
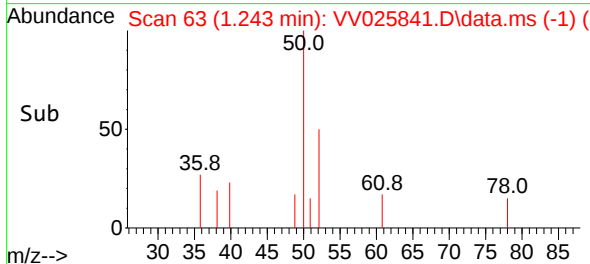
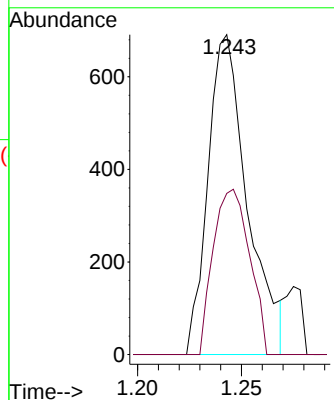
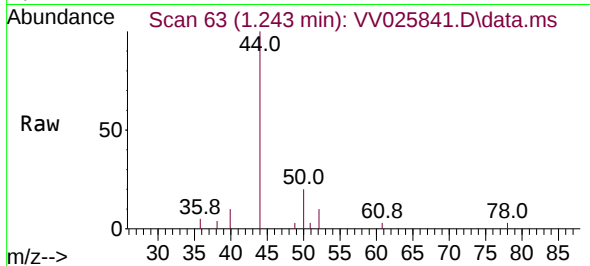




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

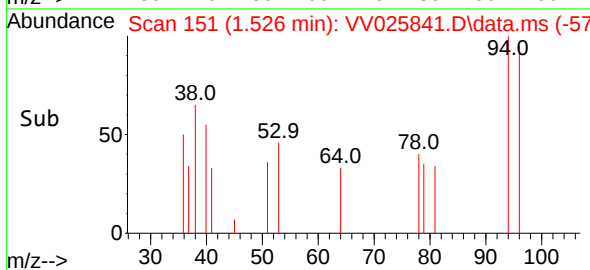
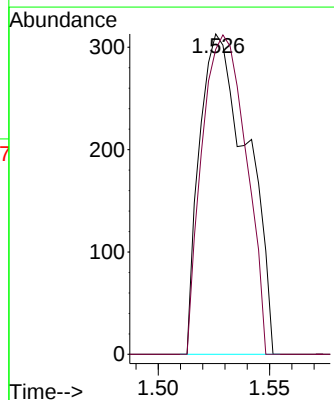
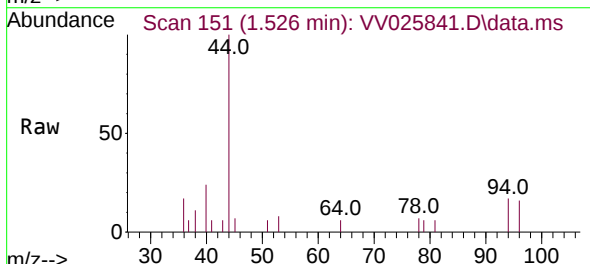
Instrument :
MSVOA_V
ClientSampleId :

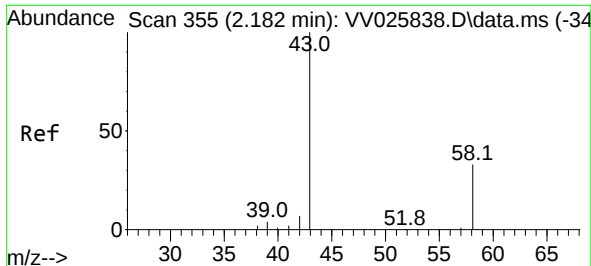
Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 50.4 23.7 43.9#



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 95.2 66.1 122.7





#13

Acetone

Concen: 10.713 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.010 min

Lab File: VV025841.D

Acq: 04 May 2022 11:59

Instrument :

MSVOA_V

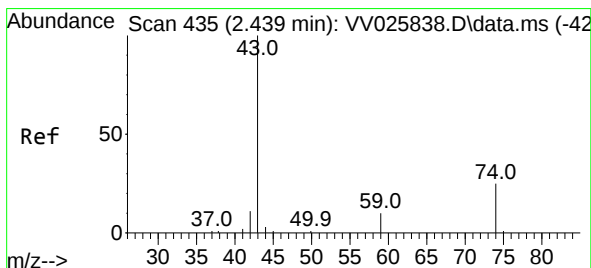
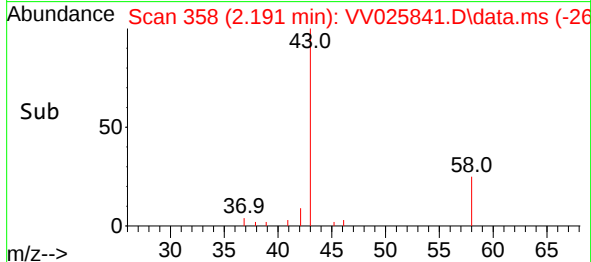
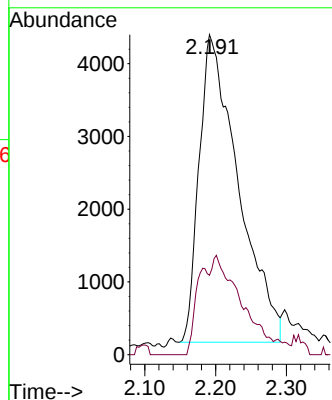
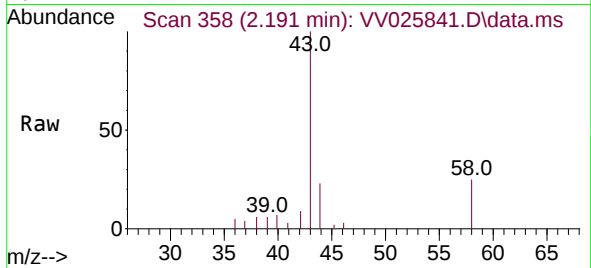
ClientSampleId :

Tgt Ion: 43 Resp: 16212

Ion Ratio Lower Upper

43 100

58 20.5 0.0 72.2



#15

Methyl Acetate

Concen: 4.476 ug/L

RT: 2.191 min Scan# 358

Delta R.T. -0.248 min

Lab File: VV025841.D

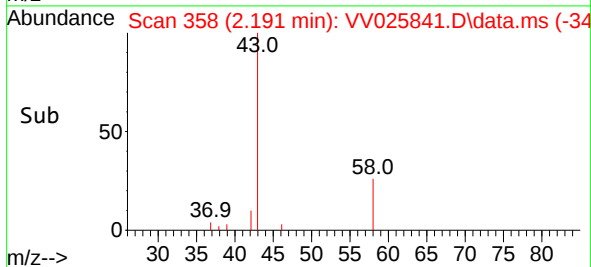
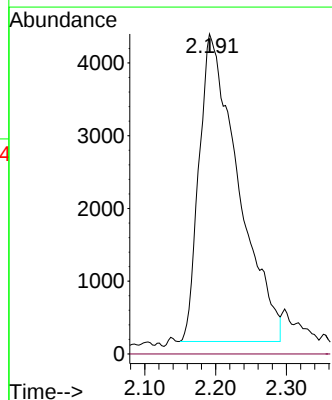
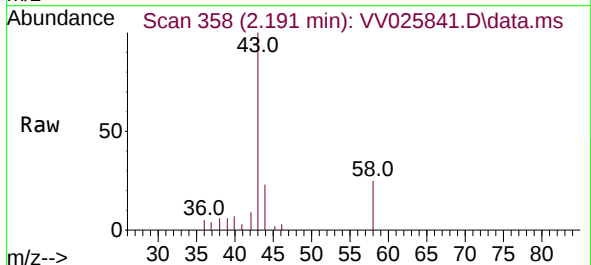
Acq: 04 May 2022 11:59

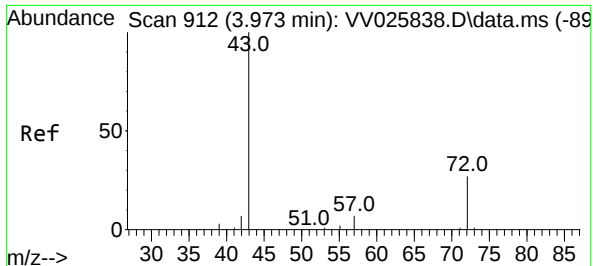
Tgt Ion: 43 Resp: 16212

Ion Ratio Lower Upper

43 100

74 0.0 25.2 37.8#





#21

2-Butanone

Concen: 7.563 ug/L

RT: 4.018 min Scan# 912

Delta R.T. 0.045 min

Lab File: VV025841.D

Acq: 04 May 2022 11:59

Instrument :

MSVOA_V

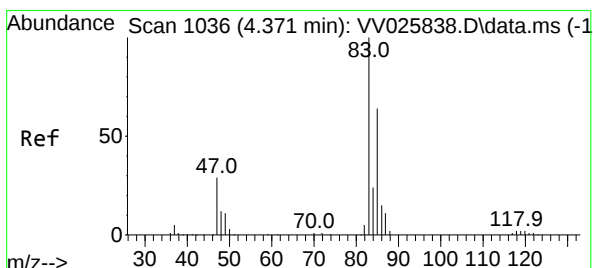
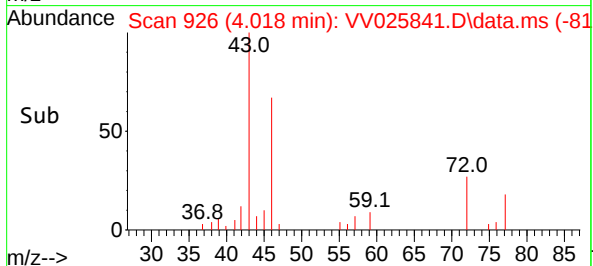
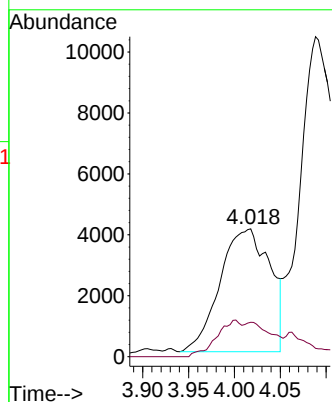
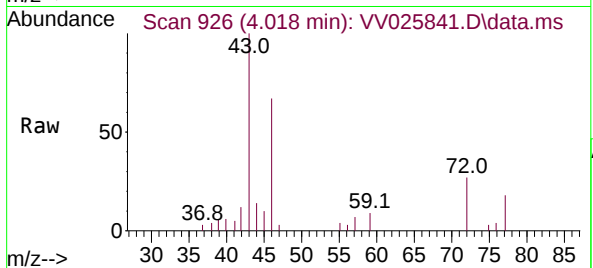
ClientSampleId :

Tgt Ion: 43 Resp: 15313

Ion Ratio Lower Upper

43 100

72 14.7 15.2 45.6#



#25

Chloroform

Concen: 0.209 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025841.D

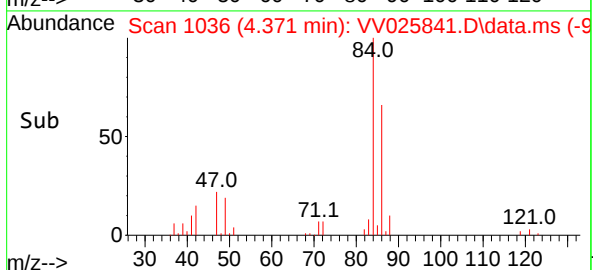
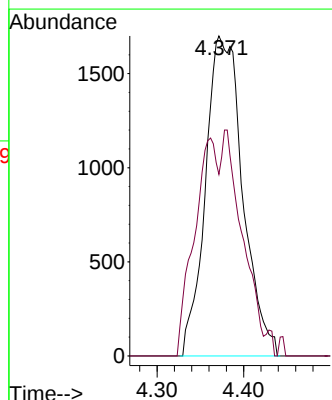
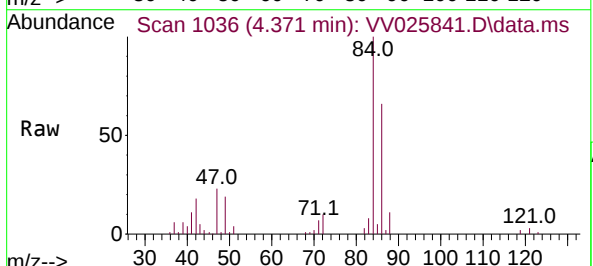
Acq: 04 May 2022 11:59

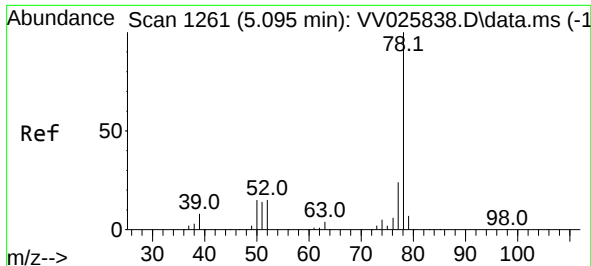
Tgt Ion: 83 Resp: 5076

Ion Ratio Lower Upper

83 100

85 56.8 43.5 80.7

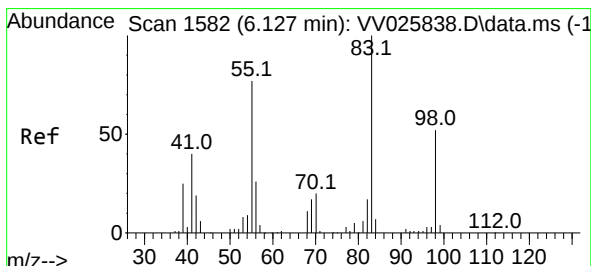
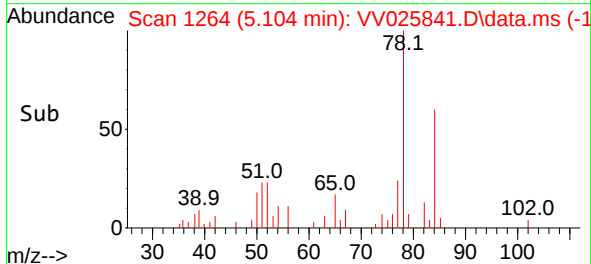
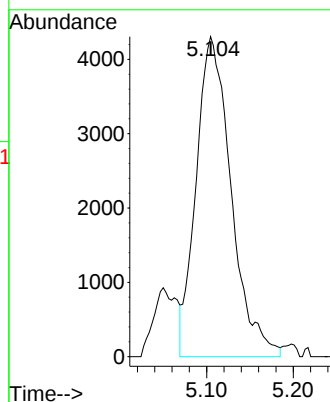
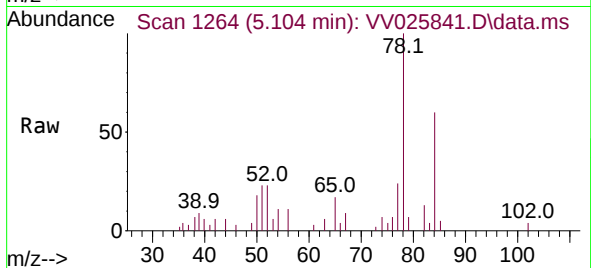




#33
Benzene
Concen: 0.230 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

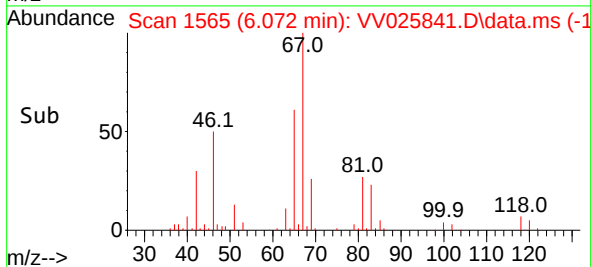
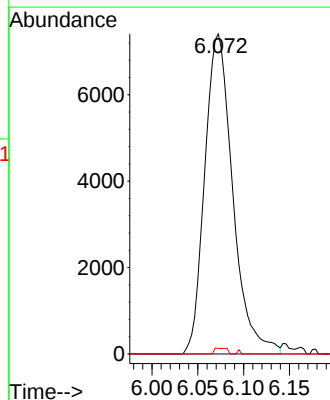
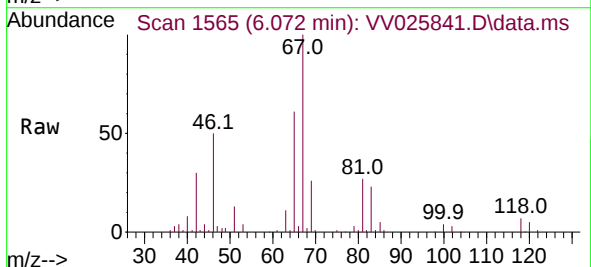
Instrument :
MSVOA_V
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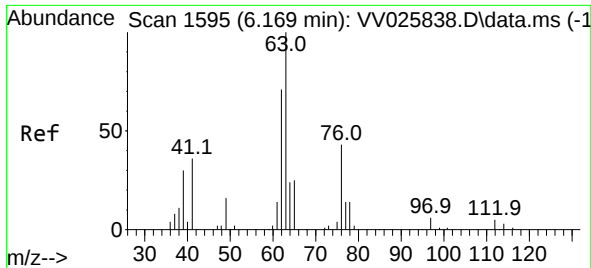
Tgt Ion: 78 Resp: 12058



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

Tgt Ion: 83 Resp: 15761
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025841.D

Acq: 04 May 2022 11:59

Instrument :

MSVOA_V

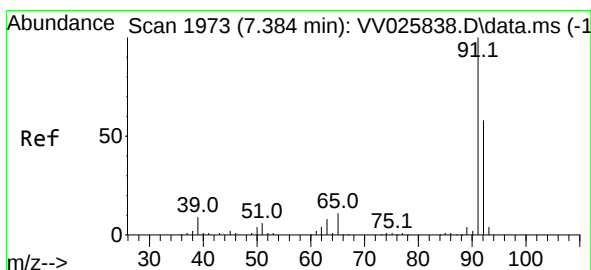
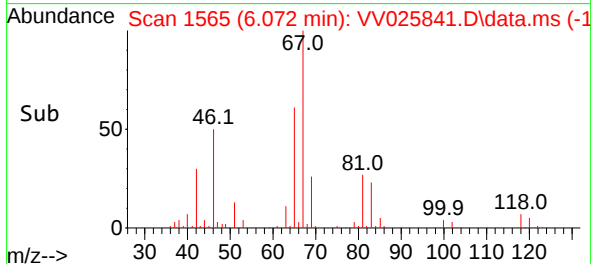
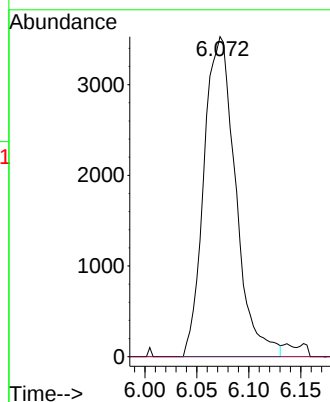
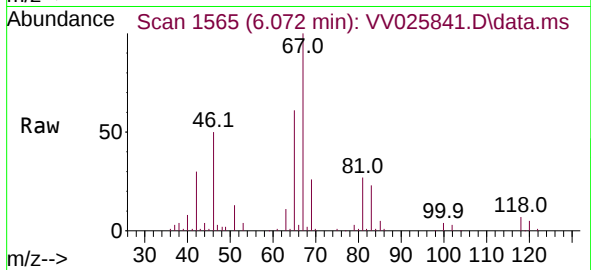
ClientSampleId :

Tgt Ion: 63 Resp: 7494

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.276 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV025841.D

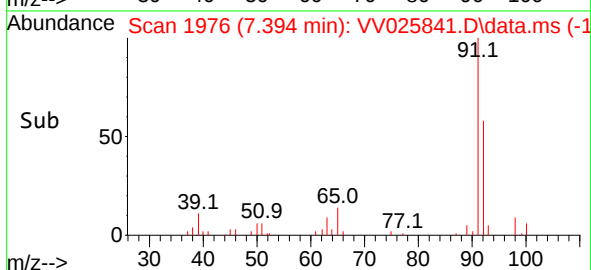
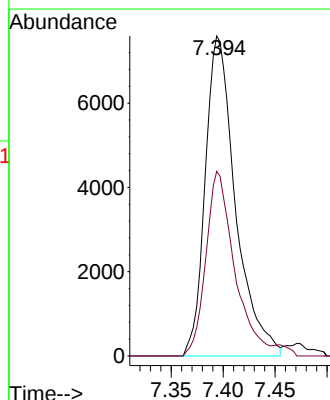
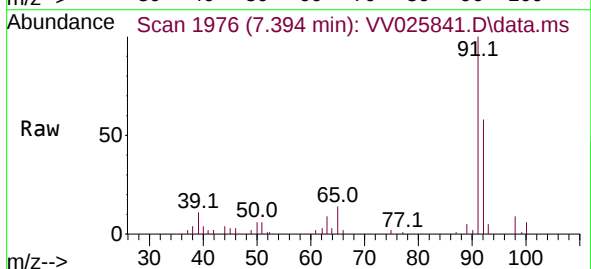
Acq: 04 May 2022 11:59

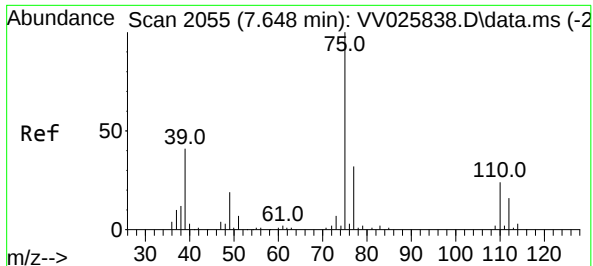
Tgt Ion: 91 Resp: 15361

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8

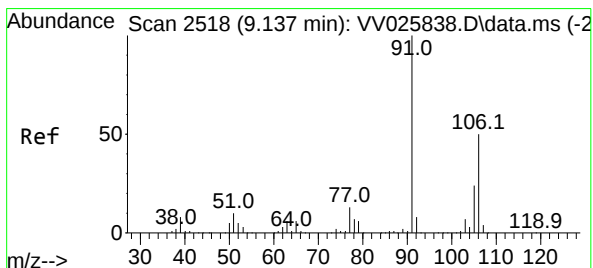
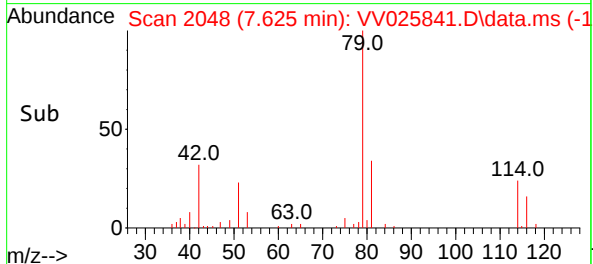
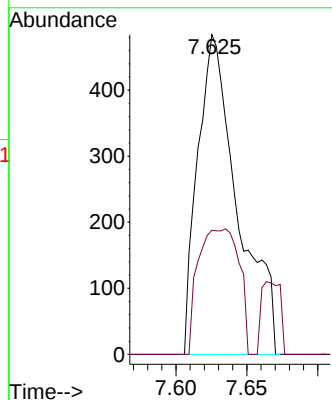
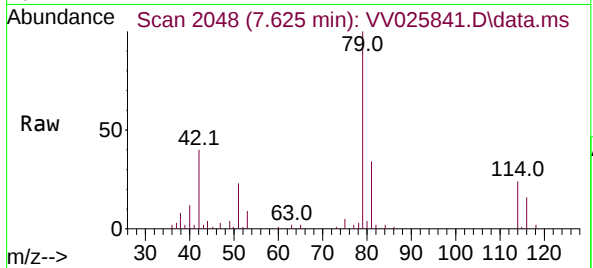




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

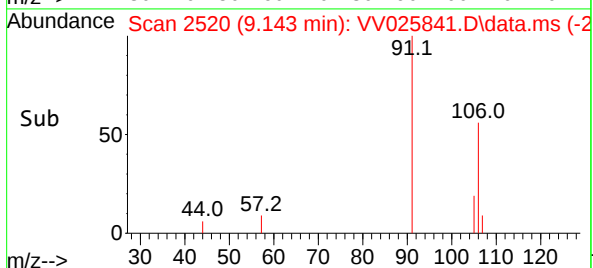
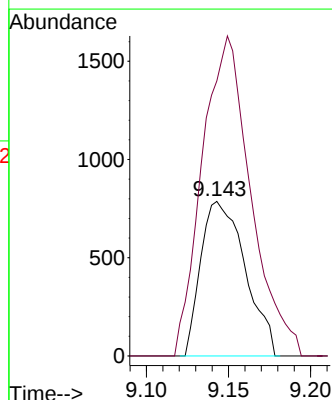
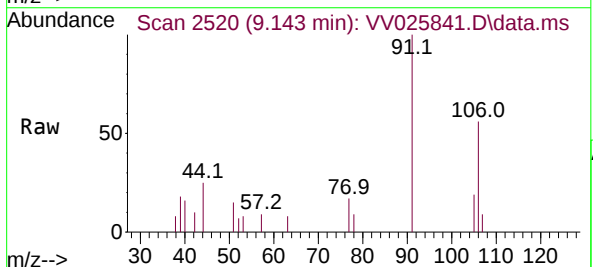
Instrument :
MSVOA_V
ClientSampleId :

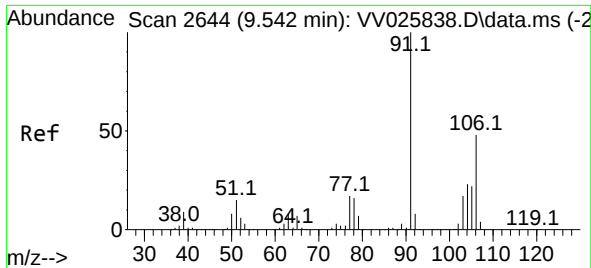
Tgt Ion: 75 Resp: 951
Ion Ratio Lower Upper
75 100
77 38.8 21.7 40.3



#53
m,p-Xylene
Concen: 0.065 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

Tgt Ion: 106 Resp: 1478
Ion Ratio Lower Upper
106 100
91 177.9 136.4 253.4

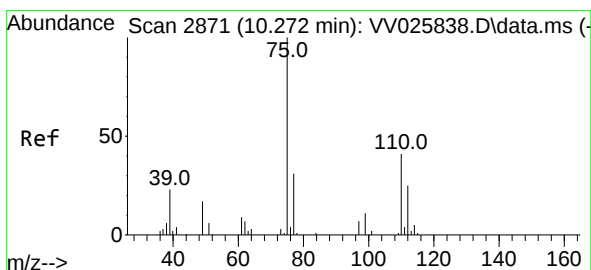
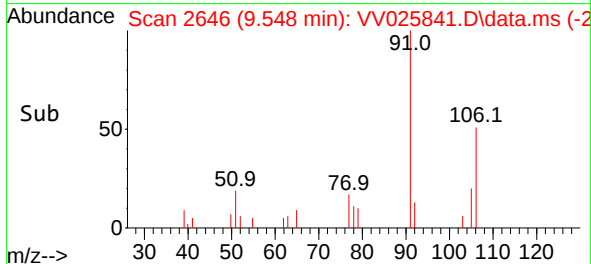
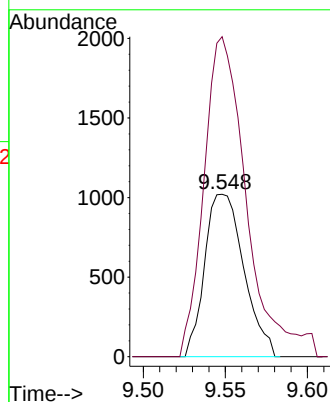
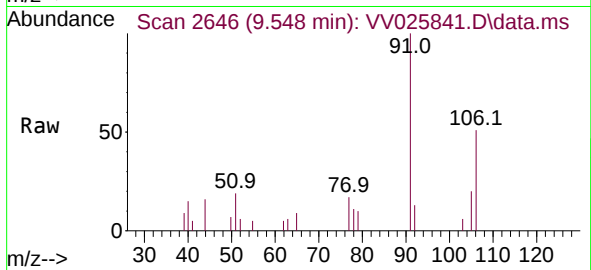




#54
o-Xylene
Concen: 0.079 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

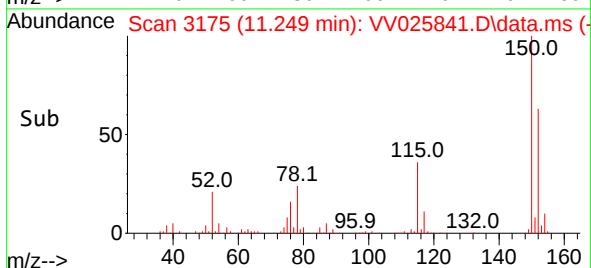
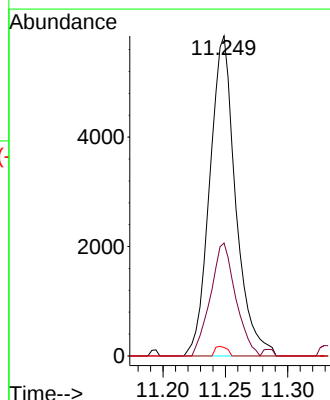
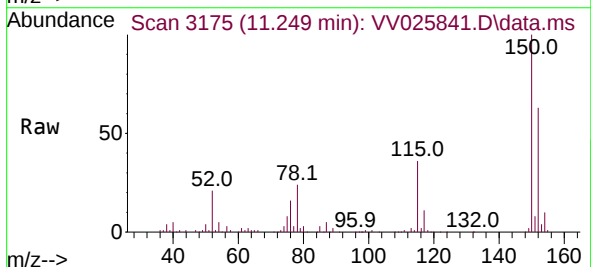
Instrument :
MSVOA_V
ClientSampleId :

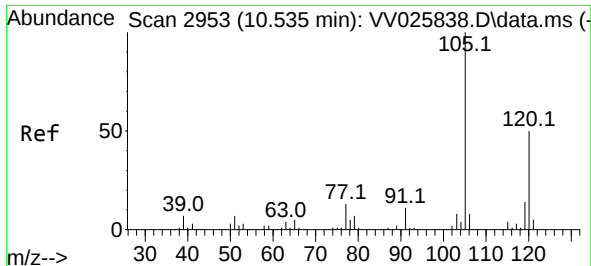
Tgt Ion:106 Resp: 1693
Ion Ratio Lower Upper
106 100
91 197.0 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.433 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

Tgt Ion: 75 Resp: 8454
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4
110 1.4 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.006 min

Lab File: VV025841.D

Acq: 04 May 2022 11:59

Instrument :

MSVOA_V

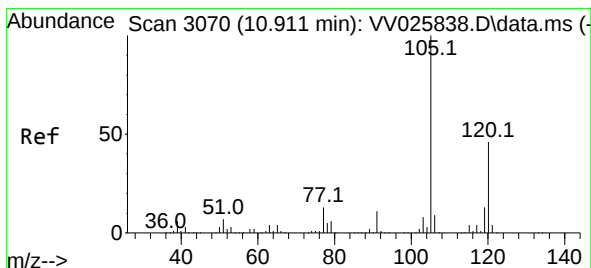
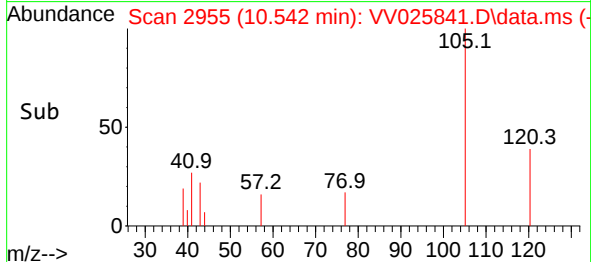
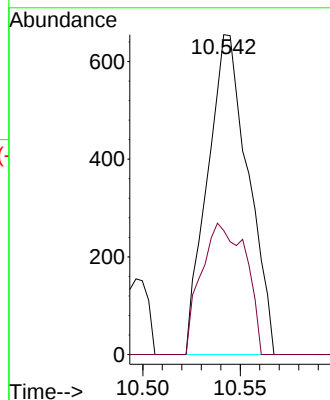
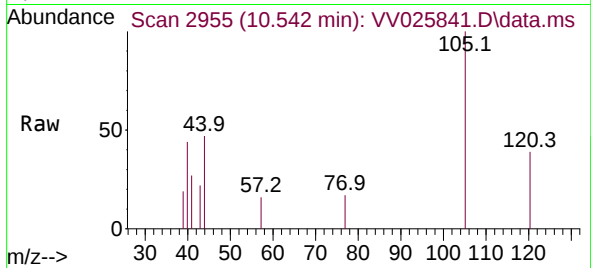
ClientSampleId :

Tgt Ion:105 Resp: 949

Ion Ratio Lower Upper

105 100

120 44.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.082 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV025841.D

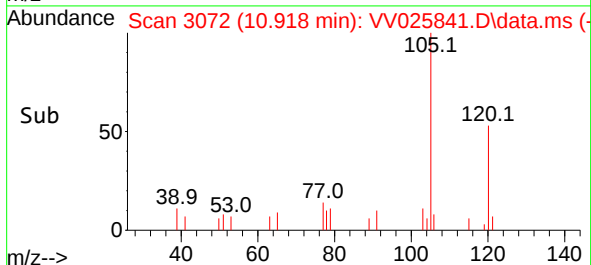
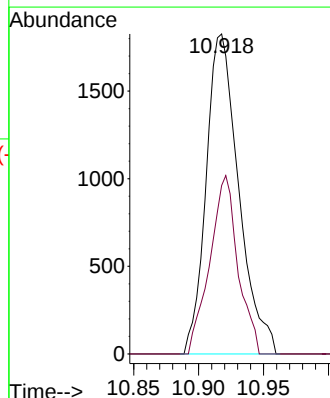
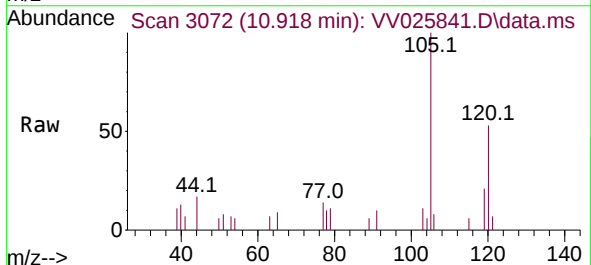
Acq: 04 May 2022 11:59

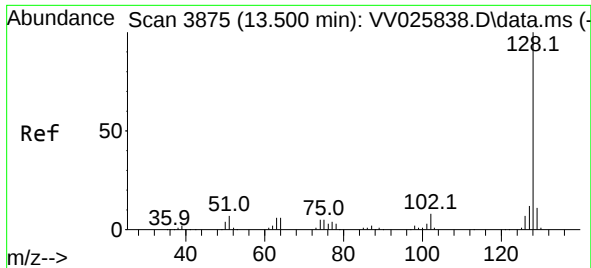
Tgt Ion:105 Resp: 3182

Ion Ratio Lower Upper

105 100

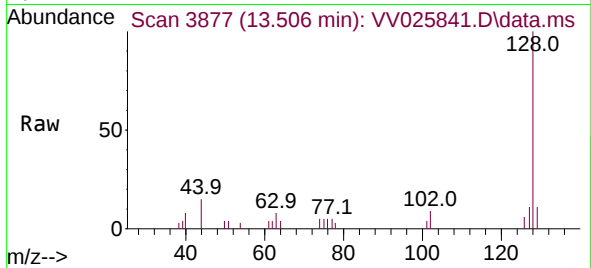
120 47.9 36.6 55.0





#71
Naphthalene
Concen: 0.309 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025841.D
Acq: 04 May 2022 11:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	5621
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.2	10.4	15.6

