

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025737.D
 Acq On : 29 Apr 2022 11:51
 Operator : SY/MD
 Sample : N2615-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D5

Quant Time: May 02 01:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163949	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56963	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.568	69	59649	3.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.108	63	92417	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.895	46	110814	59.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.540%
24) Chloroform-d	4.346	84	115758	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.034	65	54143	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.050	84	221157	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	70078	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	183521	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	19845	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	79526	48.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41352	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	67910	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	617	0.038	ug/L #	62
13) Acetone	2.188	43	12586	10.001	ug/L	91
15) Methyl Acetate	2.188	43	12466	4.457	ug/L #	43
16) Methylene chloride	2.510	84	3234	0.235	ug/L	95
21) 2-Butanone	3.995	43	7203	4.142	ug/L	86
22) cis-1,2-Dichloroethene	3.912	96	696	0.055	ug/L	77
25) Chloroform	4.371	83	5605	0.263	ug/L	99
33) Benzene	5.101	78	18547	0.364	ug/L	100
35) Methylcyclohexane	6.069	83	16673	0.772	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7720	0.655	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1605	0.104	ug/L #	66
42) Toluene	7.390	91	34104	0.615	ug/L	100
52) Ethylbenzene	9.021	91	2861	0.048	ug/L	95
53) m,p-Xylene	9.143	106	3874	0.172	ug/L	92
54) o-Xylene	9.548	106	3054	0.140	ug/L	100
61) 1,2,3-Trichloropropane	11.246	75	10264	1.942	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.545	105	1136	0.051	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	5234	0.131	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.242	75	241	0.264	ug/L #	2

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042922\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon May 02 01:22:31 2022
Response via : Initial Calibration

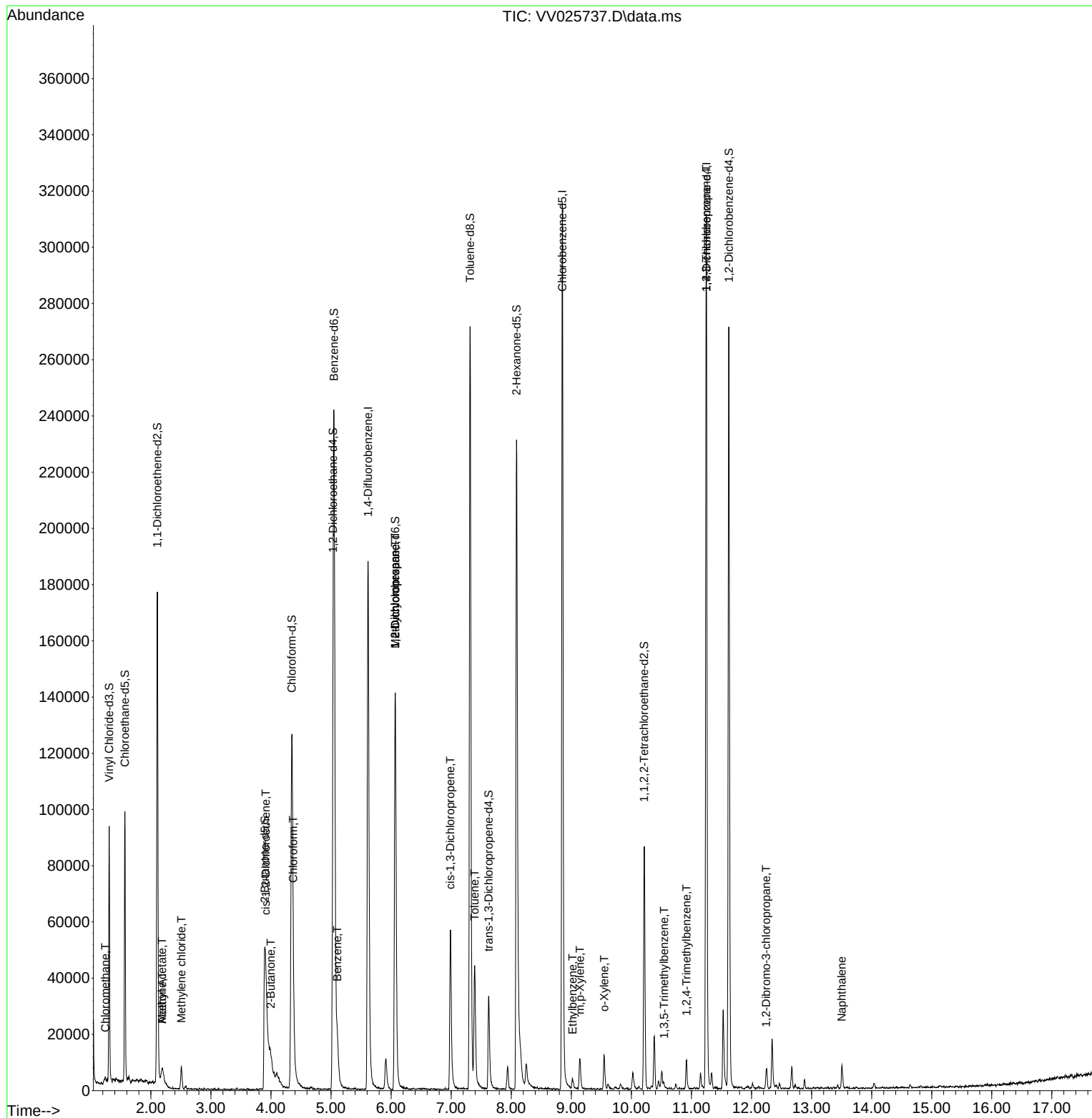
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.503	128	6659	0.334	ug/L	# 93

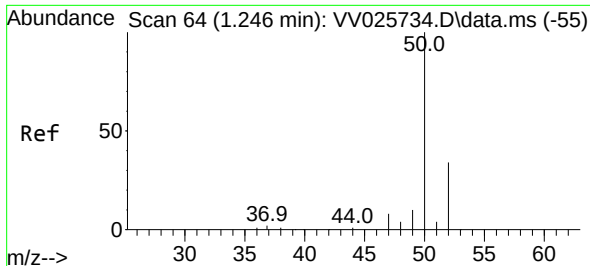
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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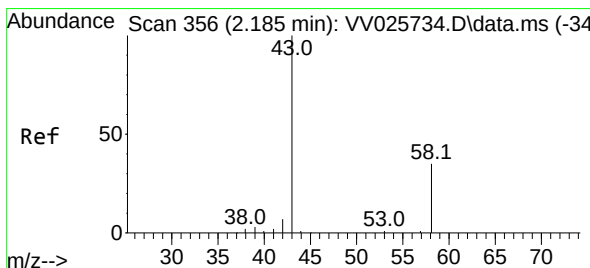
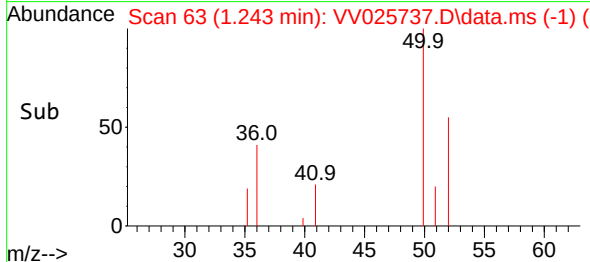
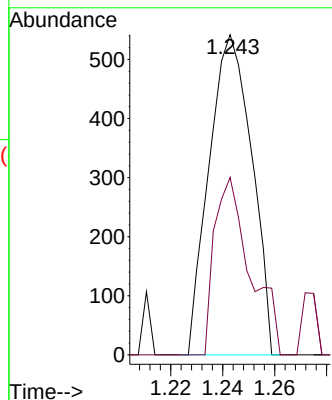
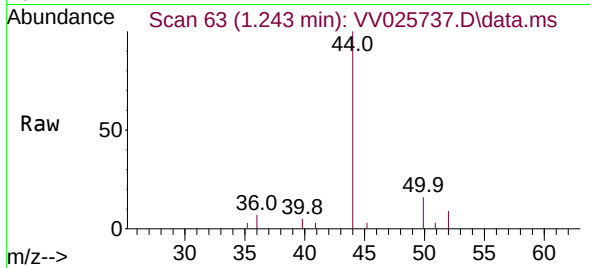




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

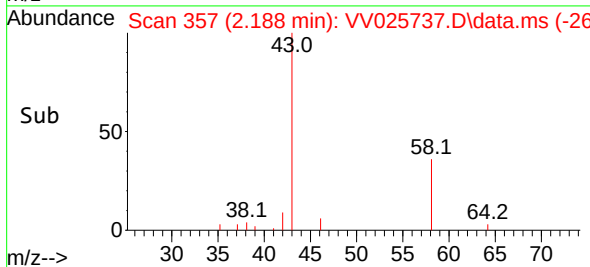
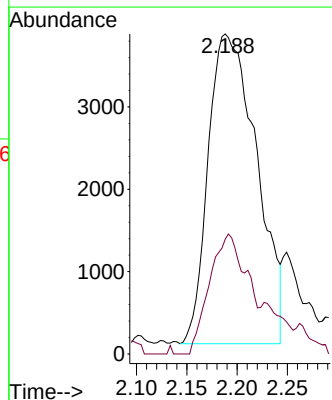
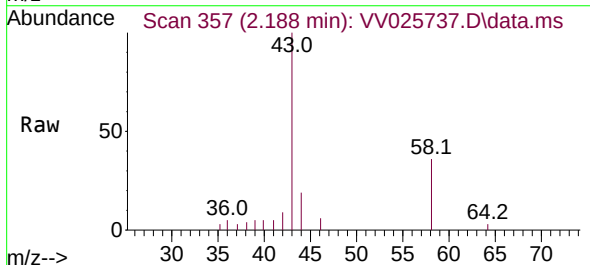
Instrument :
MSVOA_V
ClientSampleId :
BH0D5

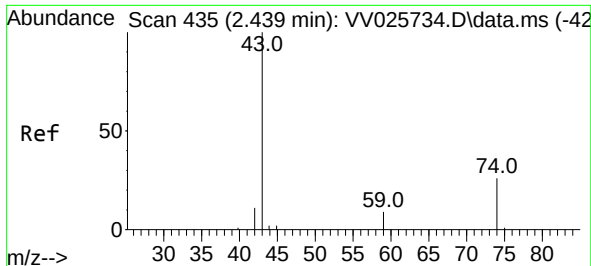
Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 55.4 23.7 43.9#



#13
Acetone
Concen: 10.001 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.003 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Tgt Ion: 43 Resp: 12586
Ion Ratio Lower Upper
43 100
58 30.7 0.0 72.2

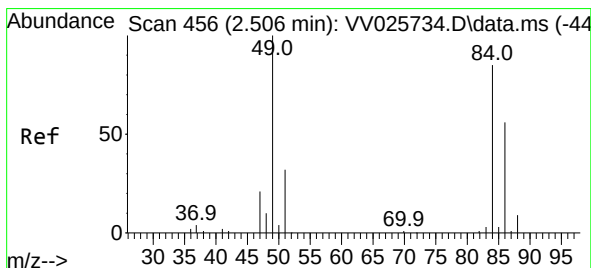
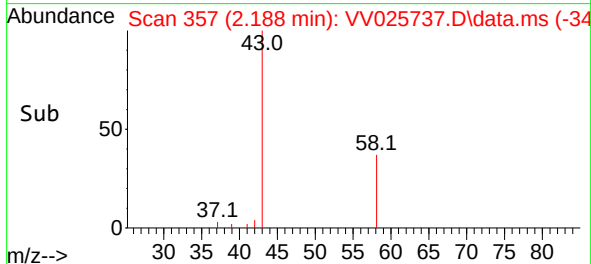
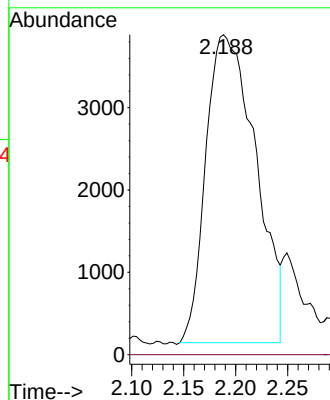
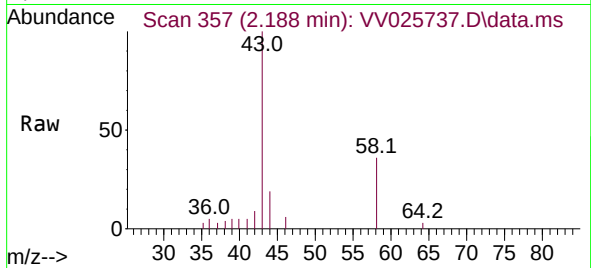




#15
Methyl Acetate
Concen: 4.457 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.251 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

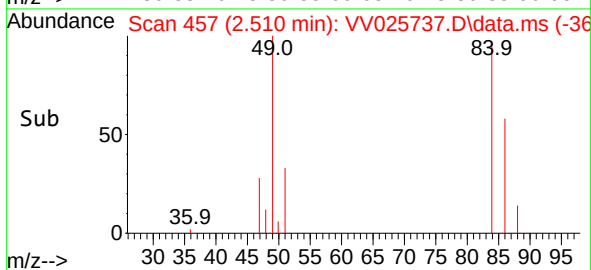
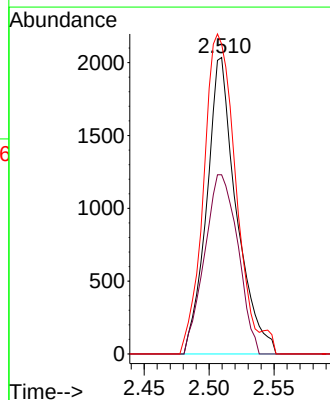
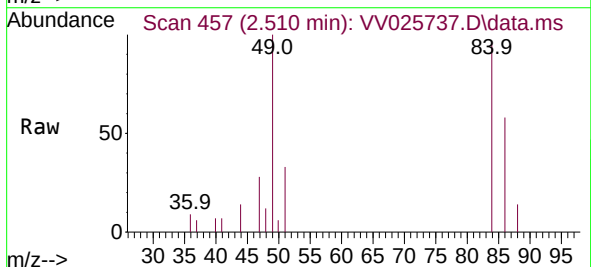
Instrument :
MSVOA_V
ClientSampleId :
BH0D5

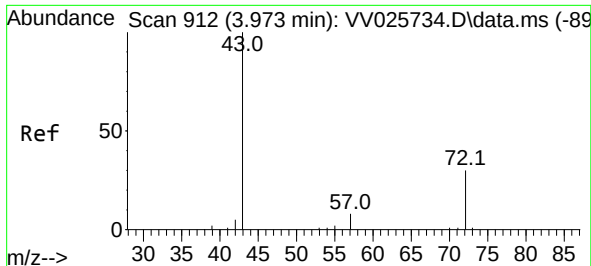
Tgt Ion: 43 Resp: 12466
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.235 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Tgt Ion: 84 Resp: 3234
Ion Ratio Lower Upper
84 100
86 60.4 45.9 85.3
49 104.6 76.6 142.3





#21

2-Butanone

Concen: 4.142 ug/L

RT: 3.995 min Scan# 912

Delta R.T. 0.022 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :

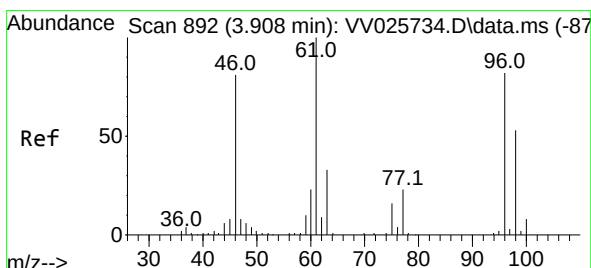
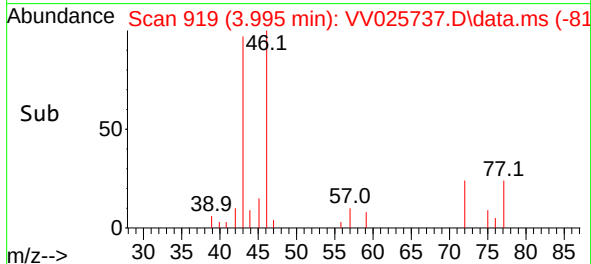
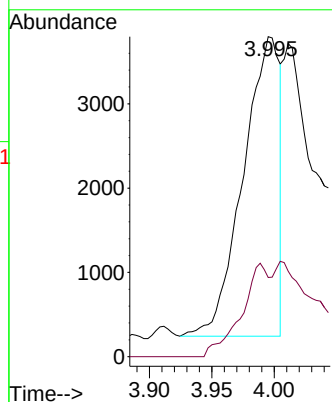
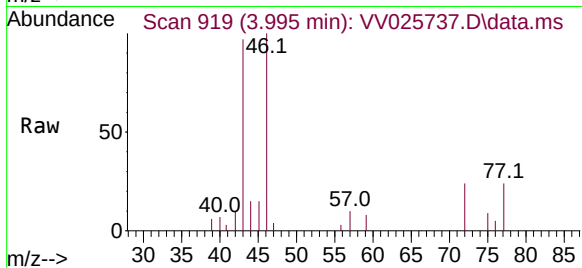
BH0D5

Tgt Ion: 43 Resp: 7203

Ion Ratio Lower Upper

43 100

72 22.7 15.2 45.6



#22

cis-1,2-Dichloroethene

Concen: 0.055 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

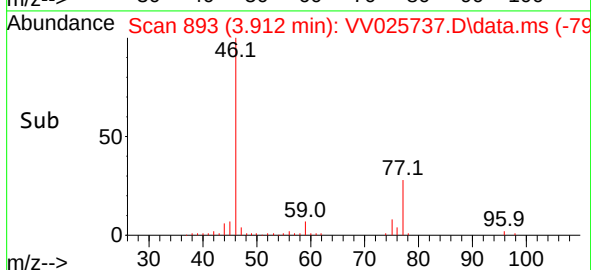
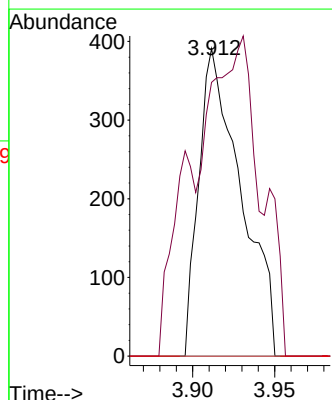
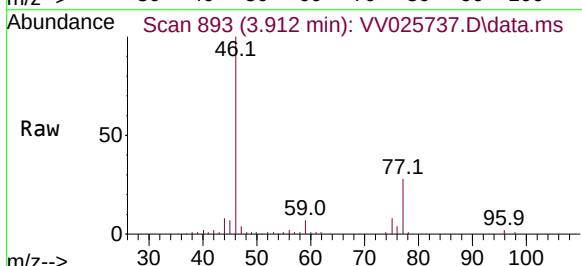
Tgt Ion: 96 Resp: 696

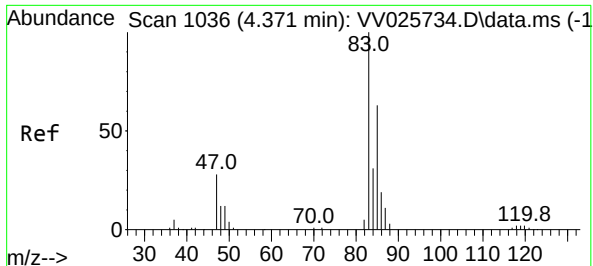
Ion Ratio Lower Upper

96 100

61 89.0 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.263 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :

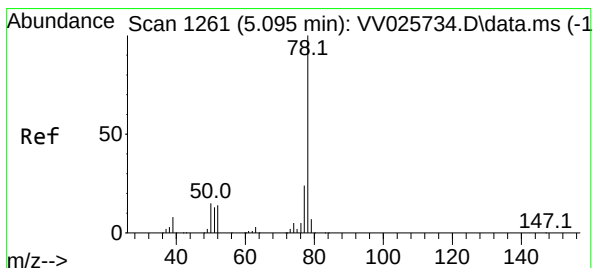
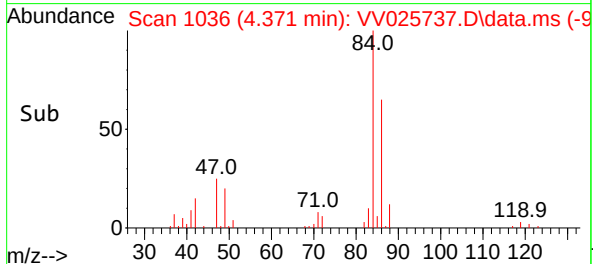
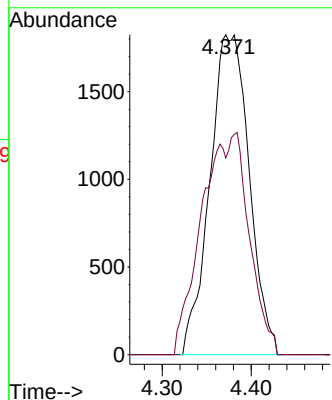
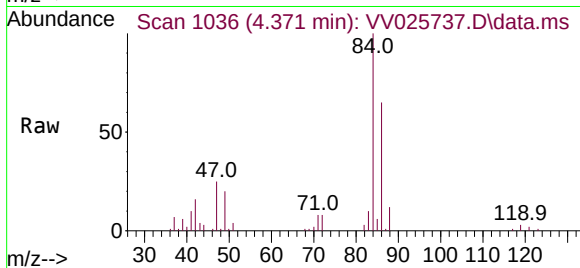
BH0D5

Tgt Ion: 83 Resp: 5605

Ion Ratio Lower Upper

83 100

85 61.5 43.5 80.7



#33

Benzene

Concen: 0.364 ug/L

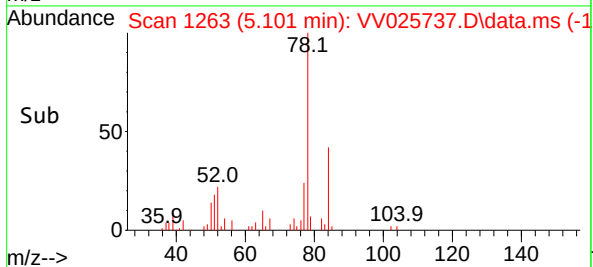
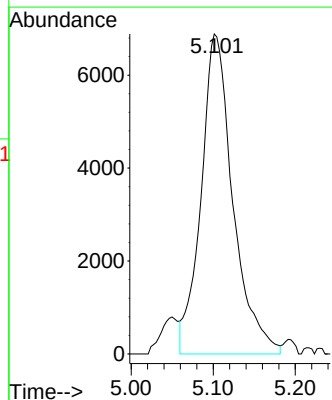
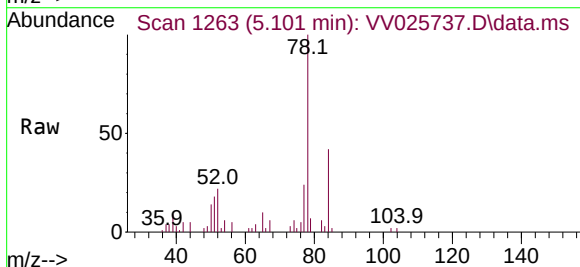
RT: 5.101 min Scan# 1263

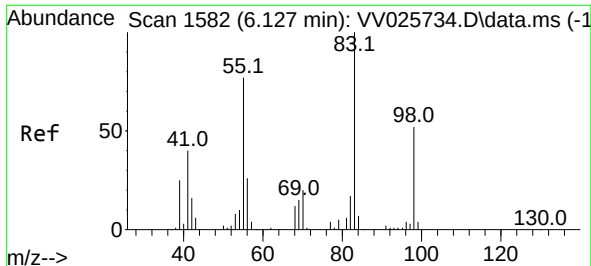
Delta R.T. 0.006 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

Tgt Ion: 78 Resp: 18547





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :

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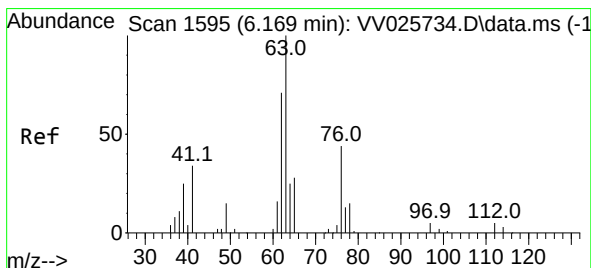
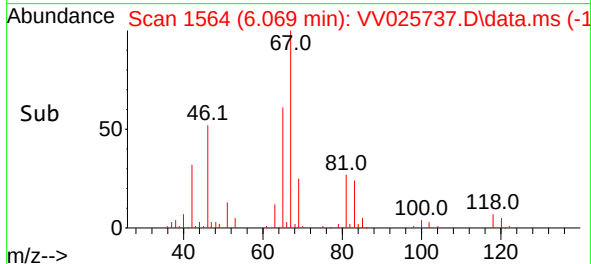
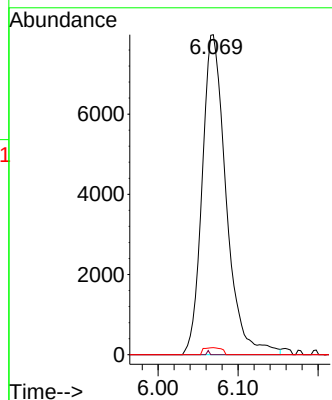
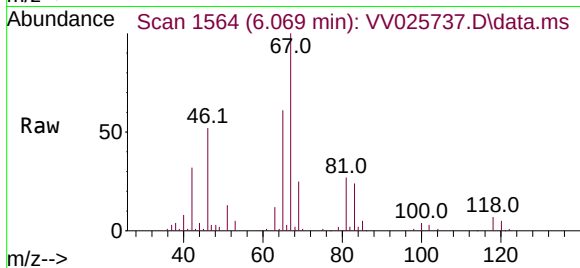
Tgt Ion: 83 Resp: 16673

Ion Ratio Lower Upper

83 100

55 0.1 53.7 80.5#

98 1.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025737.D

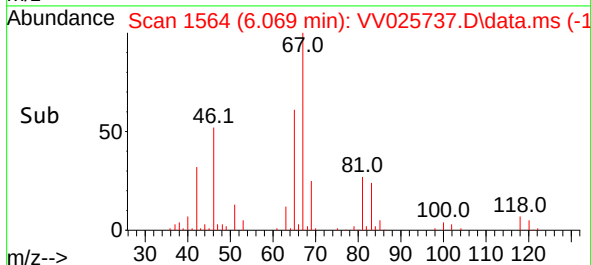
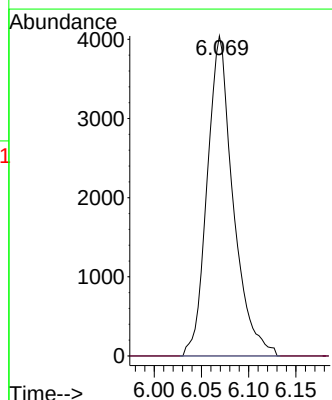
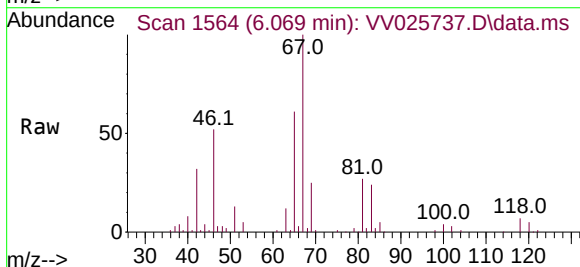
Acq: 29 Apr 2022 11:51

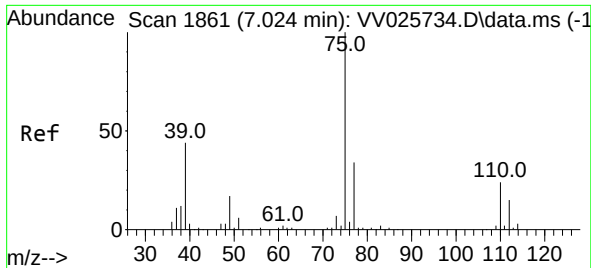
Tgt Ion: 63 Resp: 7720

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

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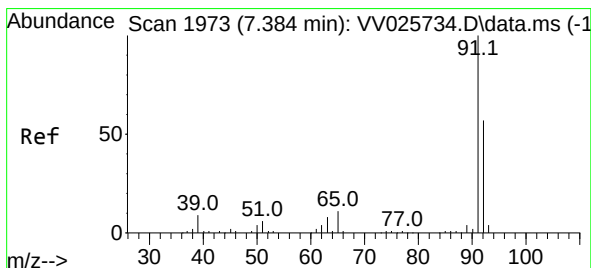
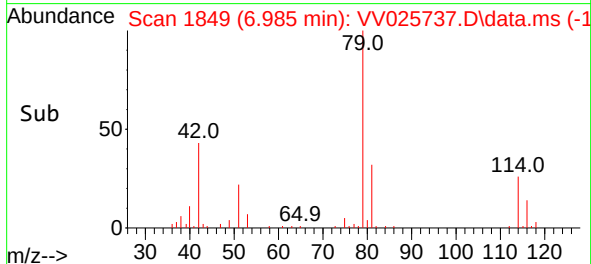
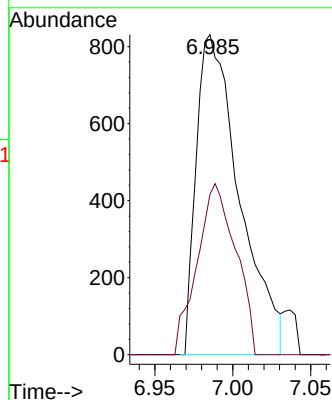
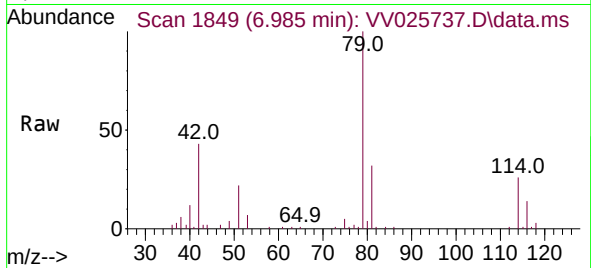
BH0D5

Tgt Ion: 75 Resp: 1605

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#



#42

Toluene

Concen: 0.615 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV025737.D

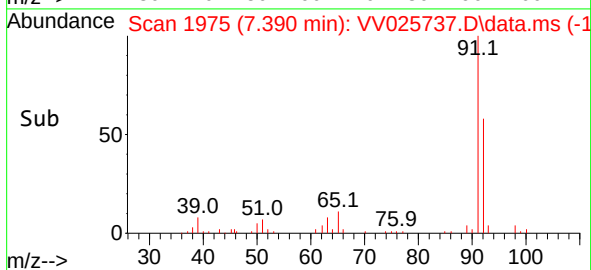
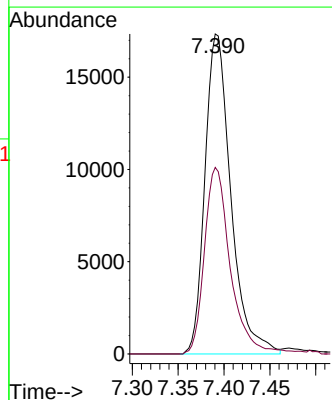
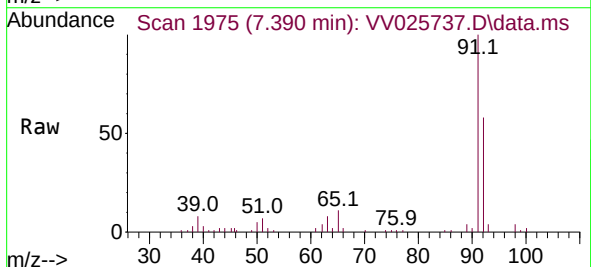
Acq: 29 Apr 2022 11:51

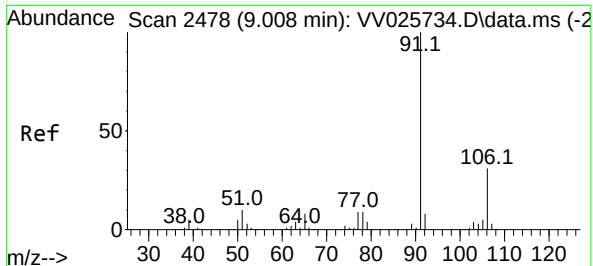
Tgt Ion: 91 Resp: 34104

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8

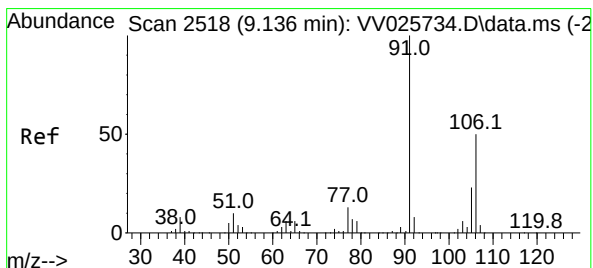
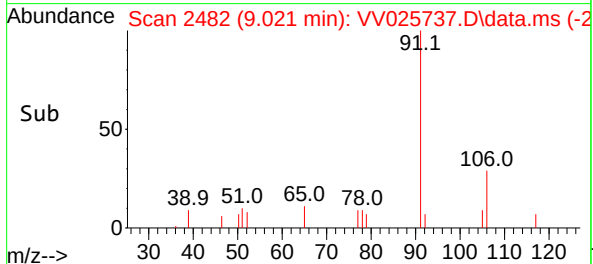
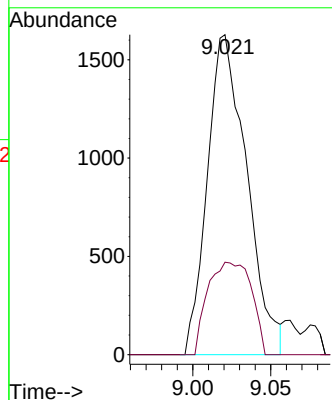
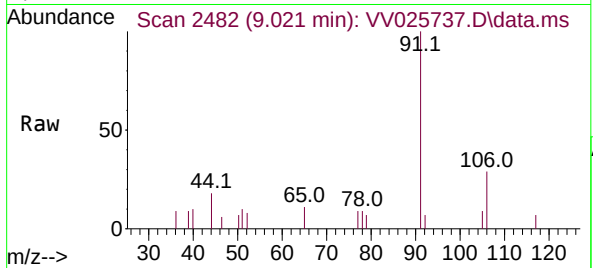




#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

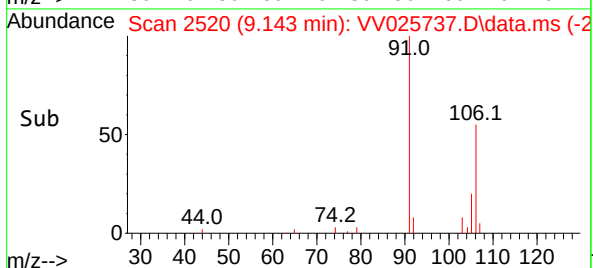
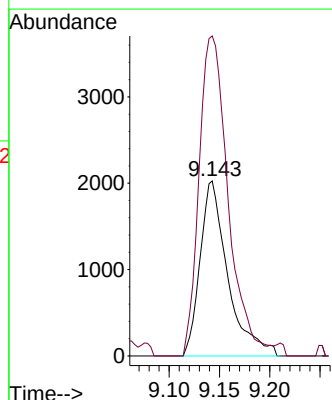
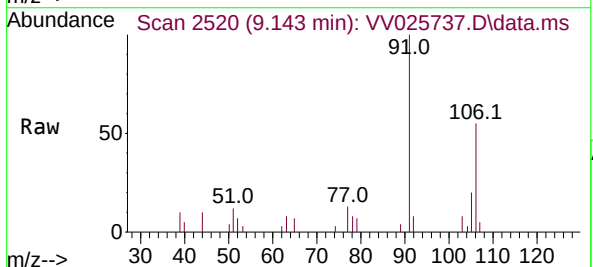
Instrument :
MSVOA_V
ClientSampleId :
BH0D5

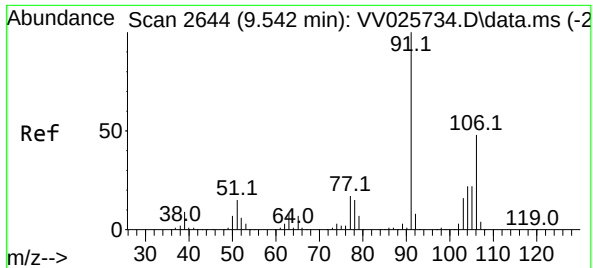
Tgt Ion: 91 Resp: 2861
Ion Ratio Lower Upper
91 100
106 28.9 22.3 41.3



#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Tgt Ion: 106 Resp: 3874
Ion Ratio Lower Upper
106 100
91 182.8 136.4 253.4

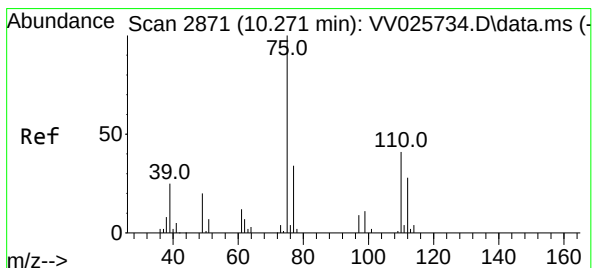
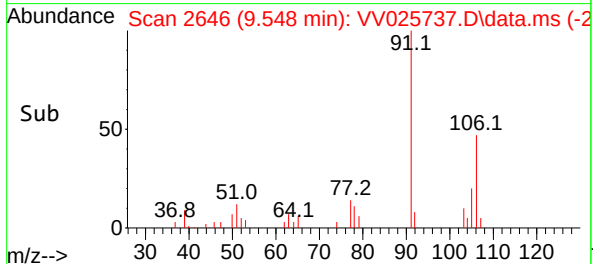
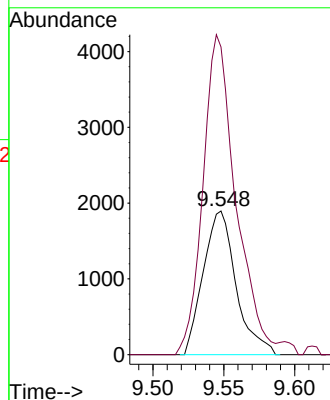
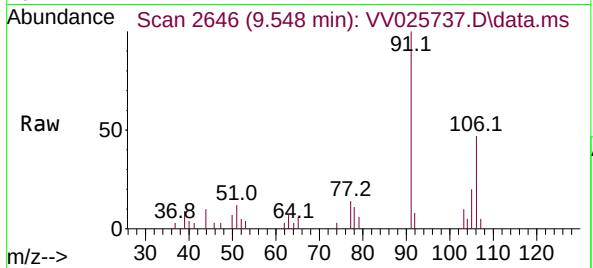




#54
o-Xylene
Concen: 0.140 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

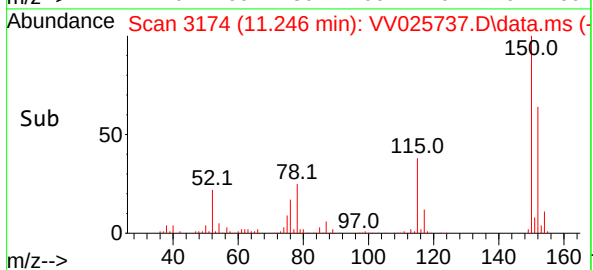
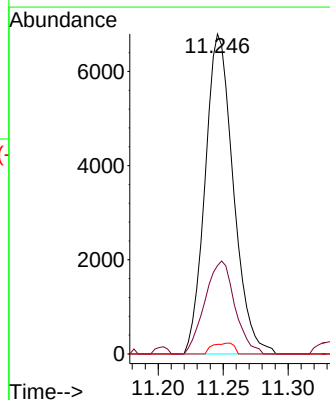
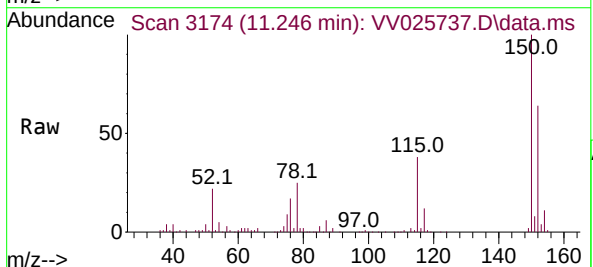
Instrument :
MSVOA_V
ClientSampleId :
BH0D5

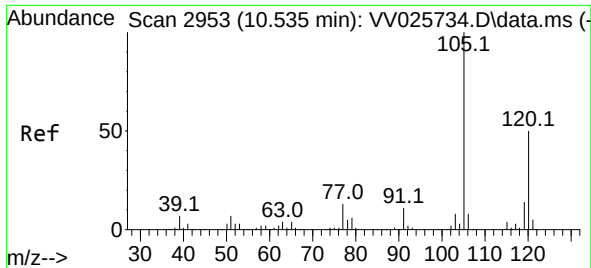
Tgt Ion:106 Resp: 3054
Ion Ratio Lower Upper
106 100
91 214.2 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.942 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Tgt Ion: 75 Resp: 10264
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
110 2.6 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 10.545 min Scan# 2953

Delta R.T. 0.010 min

Lab File: VV025737.D

Acq: 29 Apr 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :

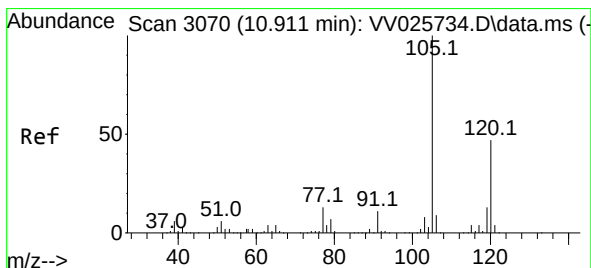
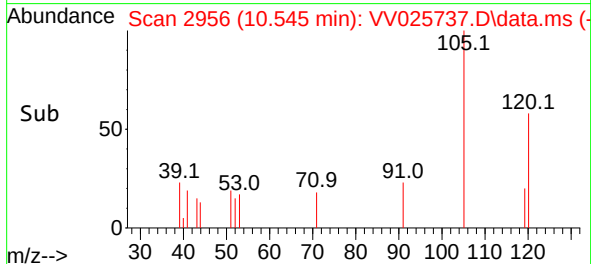
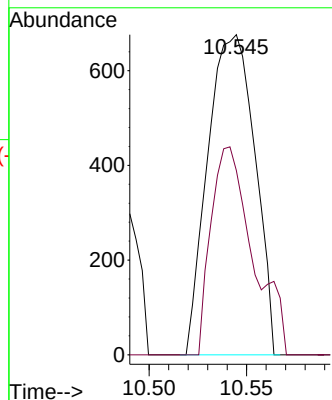
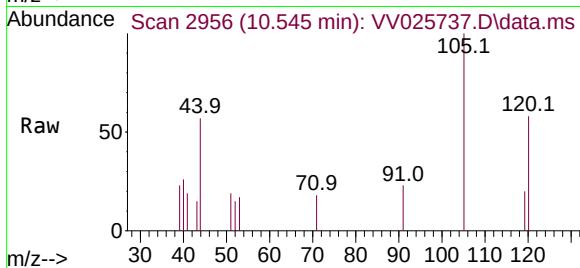
BH0D5

Tgt Ion:105 Resp: 1136

Ion Ratio Lower Upper

105 100

120 57.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.131 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV025737.D

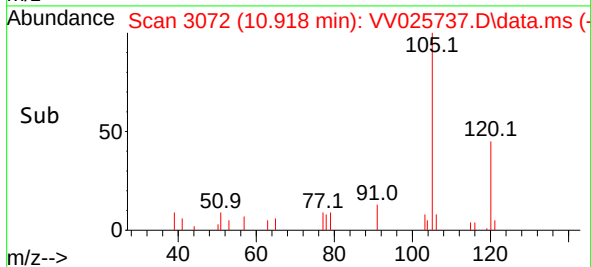
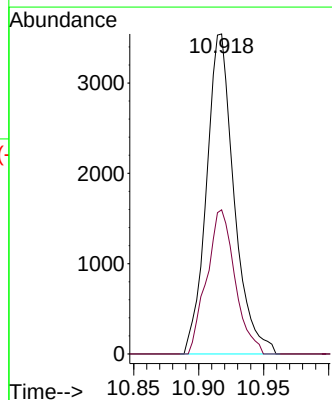
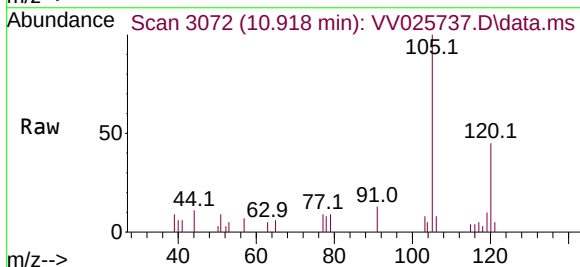
Acq: 29 Apr 2022 11:51

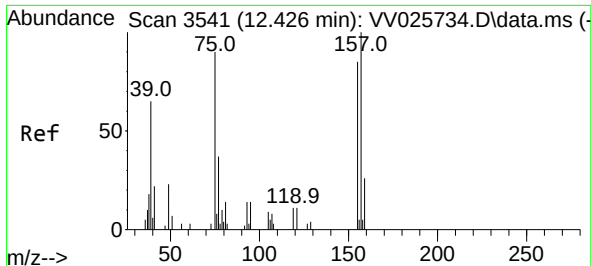
Tgt Ion:105 Resp: 5234

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

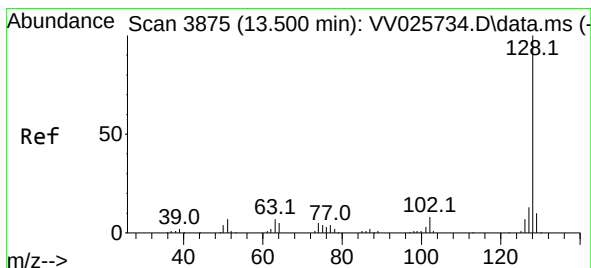
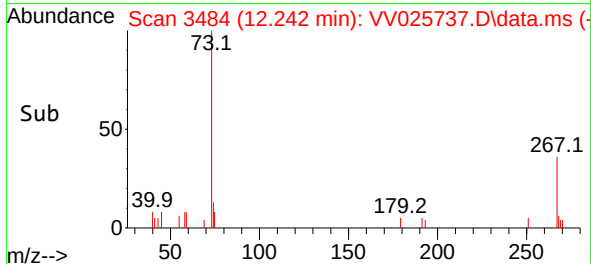
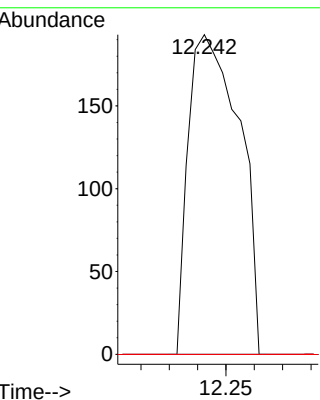
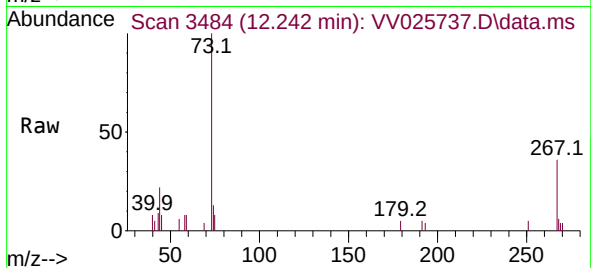




#68
1,2-Dibromo-3-chloropropane
Concen: 0.264 ug/L
RT: 12.242 min Scan# 34
Delta R.T. -0.183 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Instrument :
MSVOA_V
ClientSampleId :
BH0D5

Tgt Ion: 75 Resp: 241
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#71
Naphthalene
Concen: 0.334 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV025737.D
Acq: 29 Apr 2022 11:51

Tgt Ion: 128 Resp: 6659
Ion Ratio Lower Upper
128 100
129 9.8 8.8 13.2
127 17.1 10.4 15.6#

