

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025738.D
 Acq On : 29 Apr 2022 12:15
 Operator : SY/MD
 Sample : N2615-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D6

Quant Time: May 02 01:23:57 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	5.619	114	171669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	57058	3.575	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.571	69	59158	3.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.111	63	92834	2.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.902	46	115594	59.541	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.080%
24) Chloroform-d	4.352	84	115041	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.034	65	55187	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.053	84	221443	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	68889	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	183743	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.625	79	20041	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	83016	50.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41479	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67773	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	814	0.048	ug/L	91
13) Acetone	2.191	43	16483	12.509	ug/L	97
15) Methyl Acetate	2.191	43	16483	5.628	ug/L #	43
16) Methylene chloride	2.513	84	3432	0.238	ug/L	91
21) 2-Butanone	4.002	43	15372	8.442	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	626	0.048	ug/L	86
25) Chloroform	4.384	83	5741	0.257	ug/L	97
33) Benzene	5.105	78	15910	0.310	ug/L	100
35) Methylcyclohexane	6.069	83	16683	0.767	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7585	0.639	ug/L #	85
42) Toluene	7.394	91	29078	0.521	ug/L	97
44) trans-1,3-Dichloropropene	7.629	75	1000	0.083	ug/L	91
52) Ethylbenzene	9.021	91	2564	0.043	ug/L	95
53) m,p-Xylene	9.140	106	2949	0.130	ug/L	91
54) o-Xylene	9.548	106	2775	0.126	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	9957	1.812	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.545	105	1297	0.056	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	4806	0.116	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.246	75	280	0.295	ug/L #	2

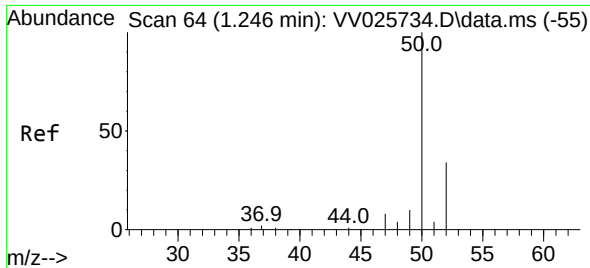
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042922\
Data File : VV025738.D
Acq On : 29 Apr 2022 12:15
Operator : SY/MD
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Quant Time: May 02 01:23:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon May 02 01:22:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.506	128	7120	0.343	ug/L	96

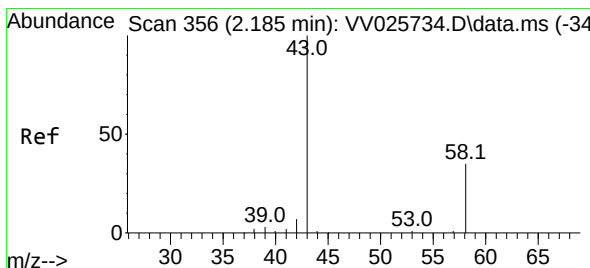
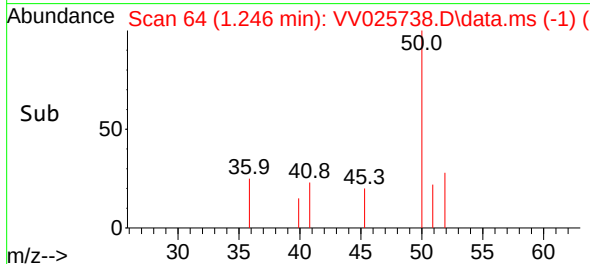
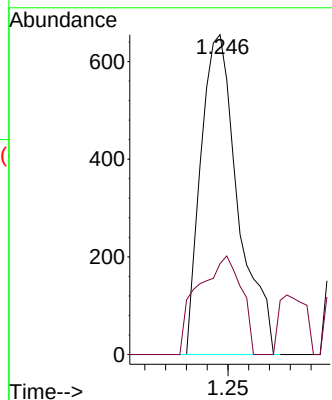
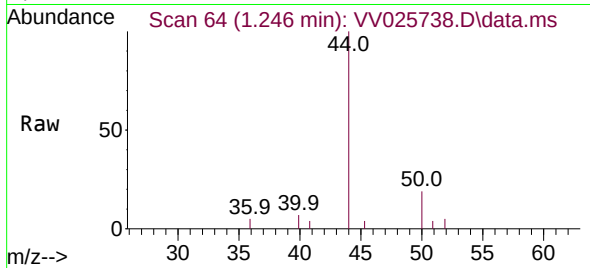
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

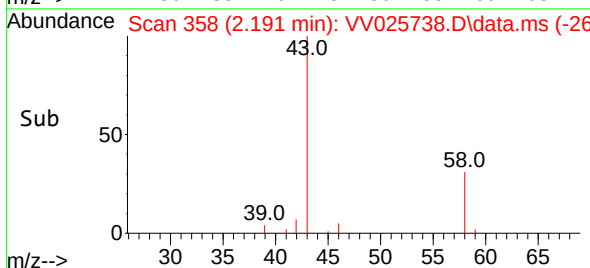
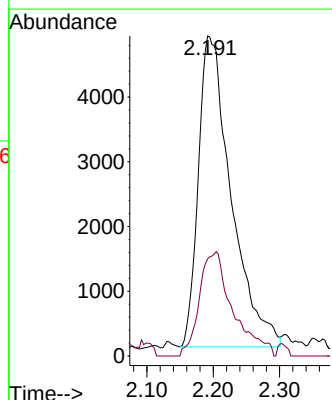
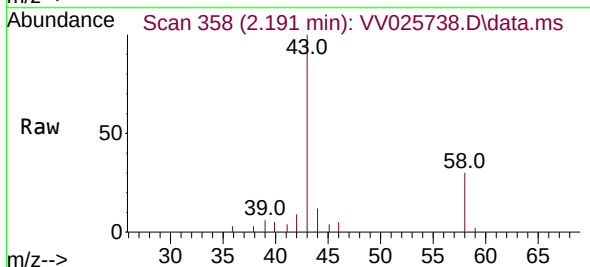
Instrument :
MSVOA_V
ClientSampleId :
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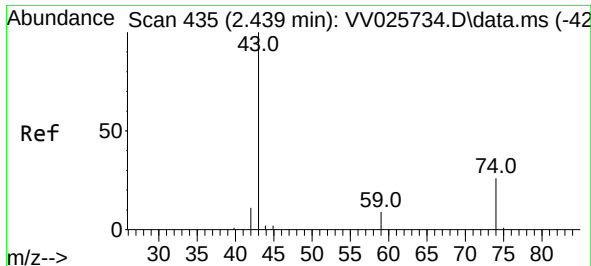
Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 28.4 23.7 43.9



#13
Acetone
Concen: 12.509 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.007 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
58 34.2 0.0 72.2

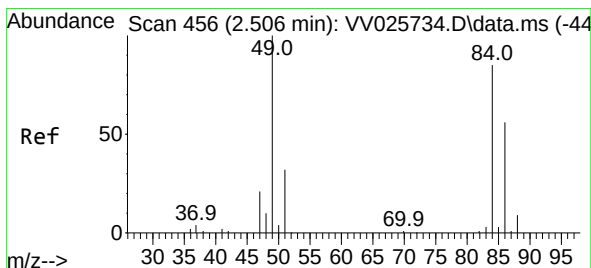
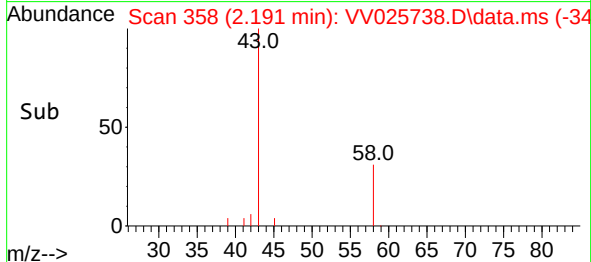
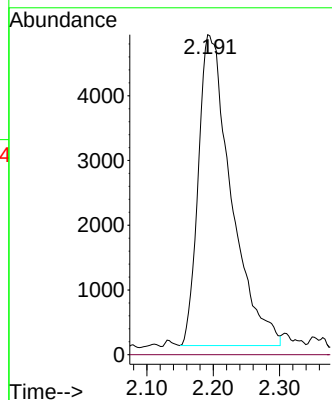
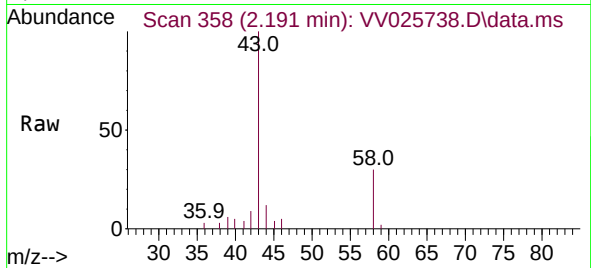




#15
Methyl Acetate
Concen: 5.628 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.247 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

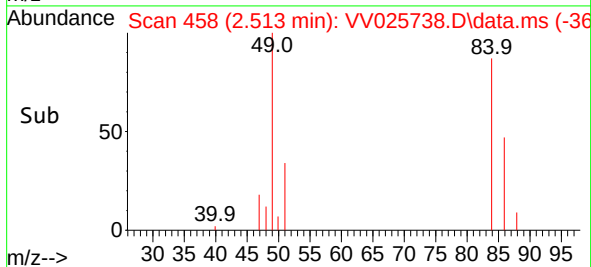
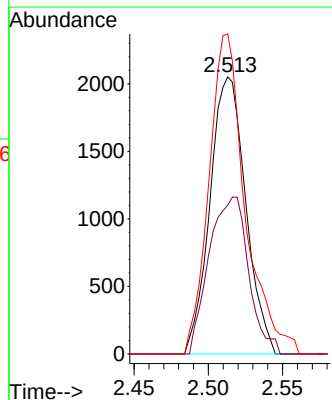
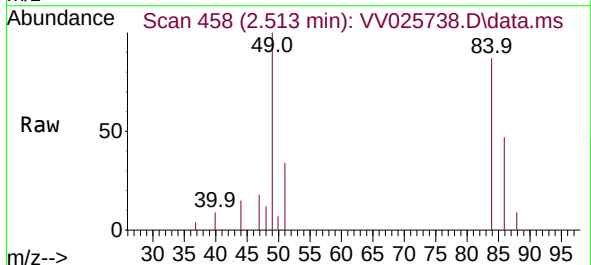
Instrument :
MSVOA_V
ClientSampleId :
BH0D6

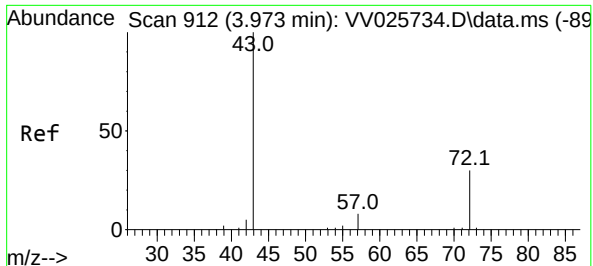
Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.007 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion: 84 Resp: 3432
Ion Ratio Lower Upper
84 100
86 53.7 45.9 85.3
49 115.4 76.6 142.3

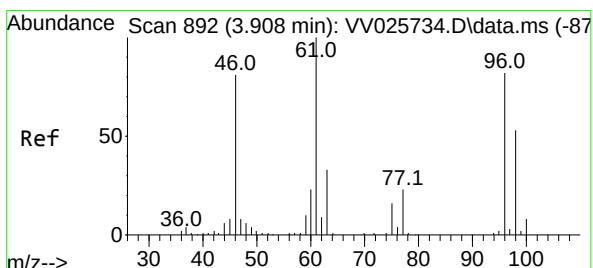
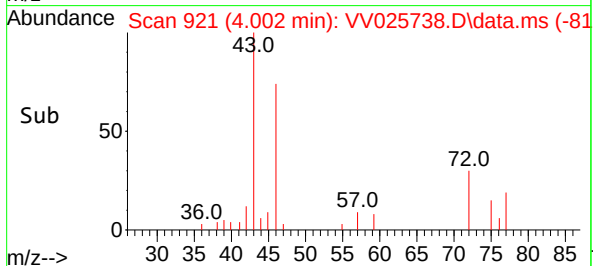
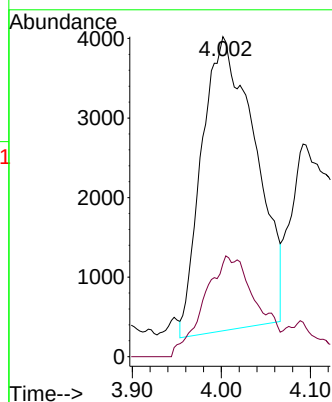
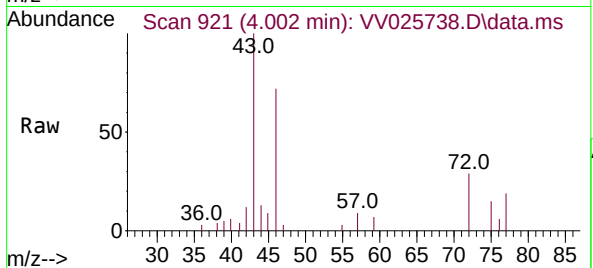




#21
2-Butanone
Concen: 8.442 ug/L
RT: 4.002 min Scan# 912
Delta R.T. 0.029 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

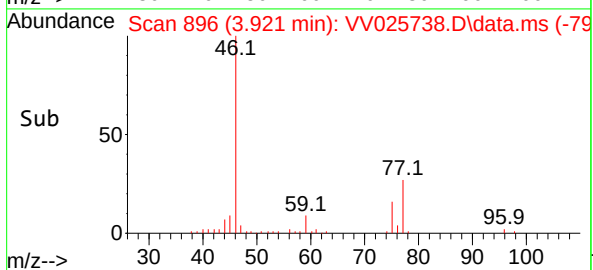
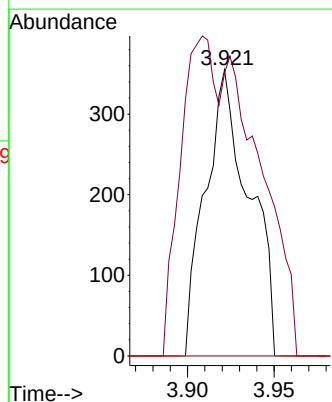
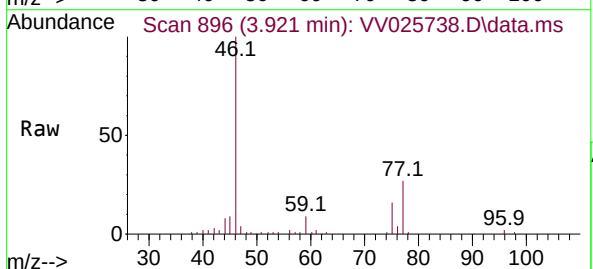
Instrument :
MSVOA_V
ClientSampleId :
BH0D6

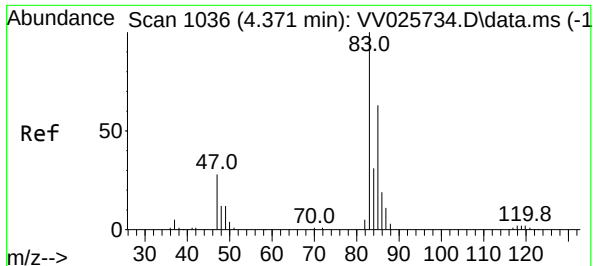
Tgt Ion: 43 Resp: 15372
Ion Ratio Lower Upper
43 100
72 33.6 15.2 45.6



#22
cis-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion: 96 Resp: 626
Ion Ratio Lower Upper
96 100
61 98.9 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.257 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

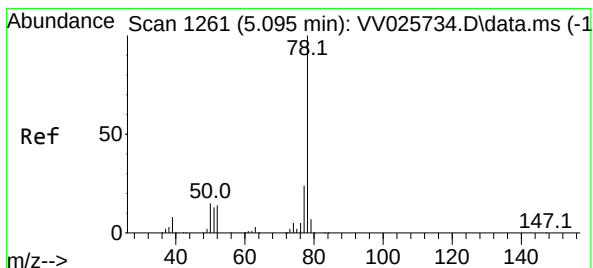
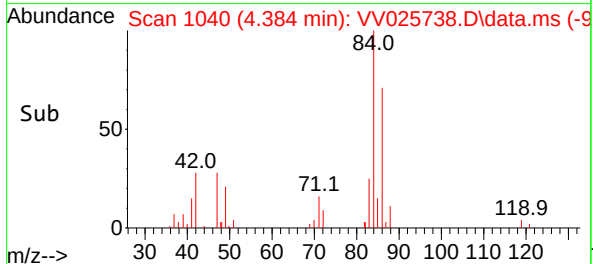
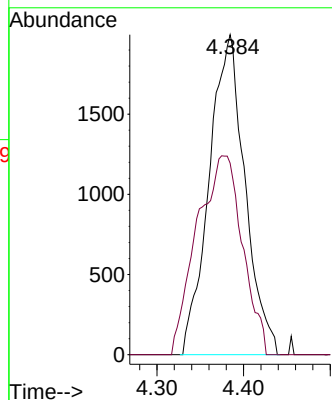
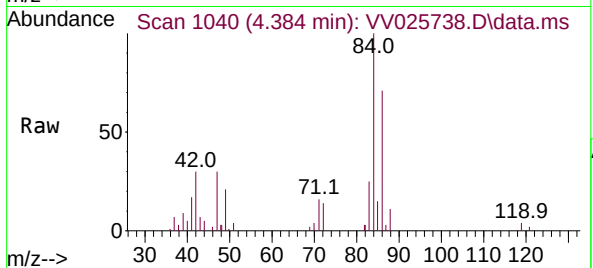
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Tgt Ion: 83 Resp: 5741

Ion Ratio Lower Upper

83 100

85 59.9 43.5 80.7



#33

Benzene

Concen: 0.310 ug/L

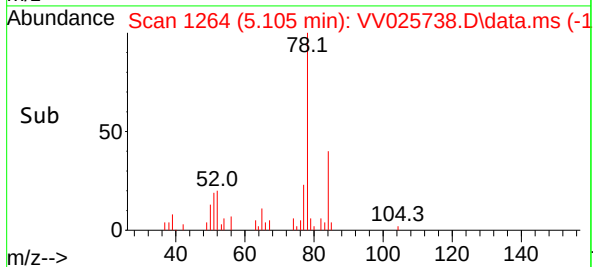
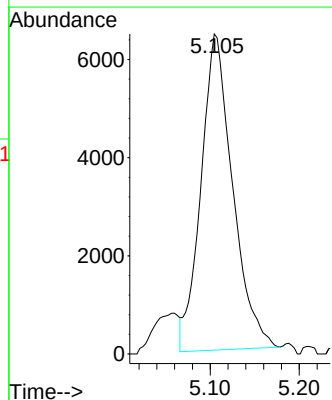
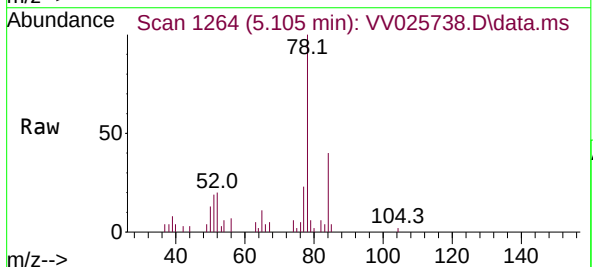
RT: 5.105 min Scan# 1264

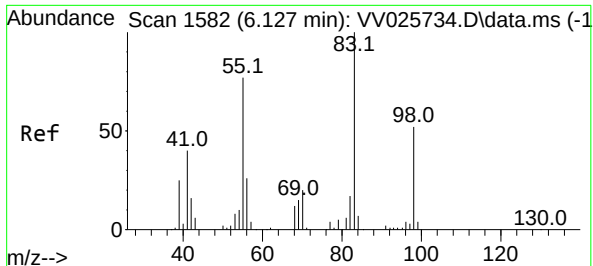
Delta R.T. 0.010 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

Tgt Ion: 78 Resp: 15910

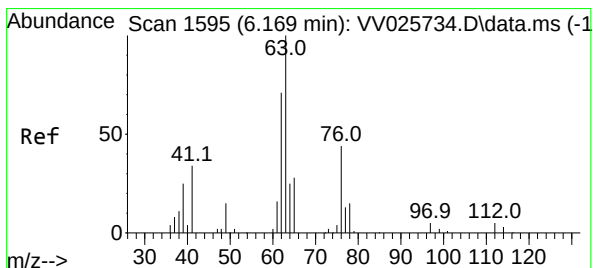
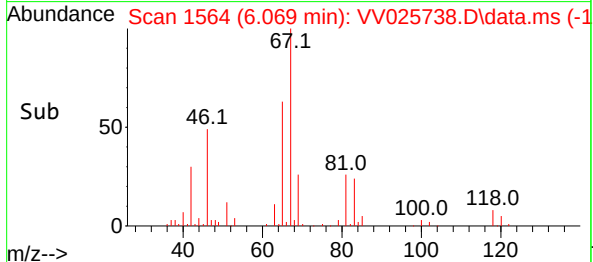
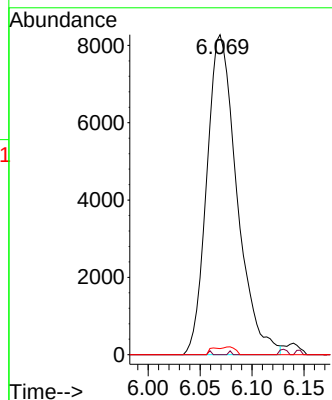
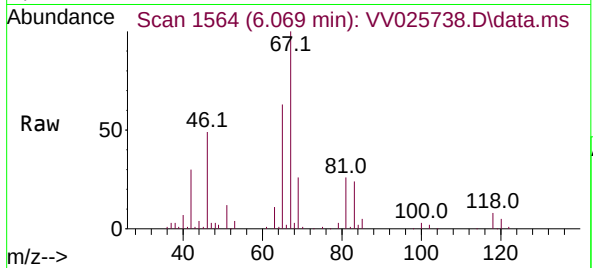




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

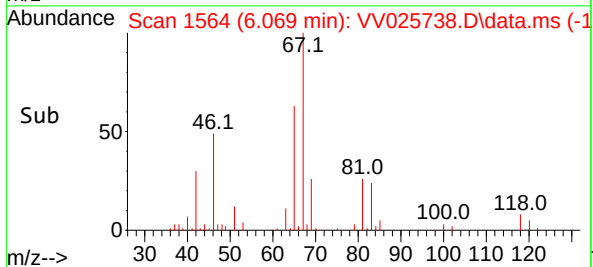
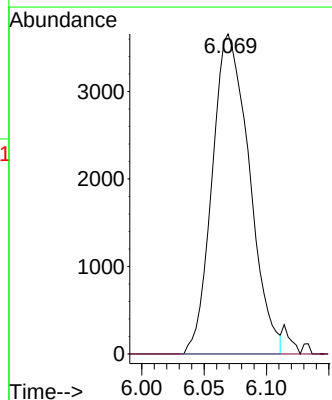
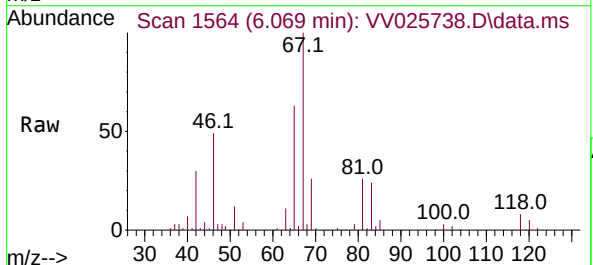
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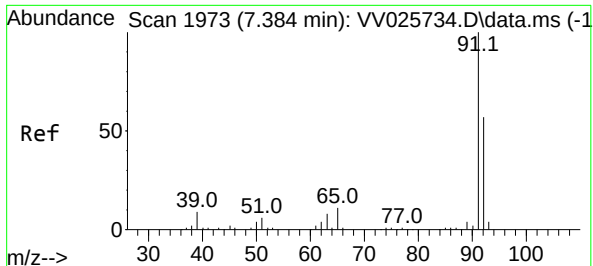
Tgt Ion: 83 Resp: 16683
Ion Ratio Lower Upper
83 100
55 0.1 53.7 80.5#
98 1.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion: 63 Resp: 7585
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.521 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

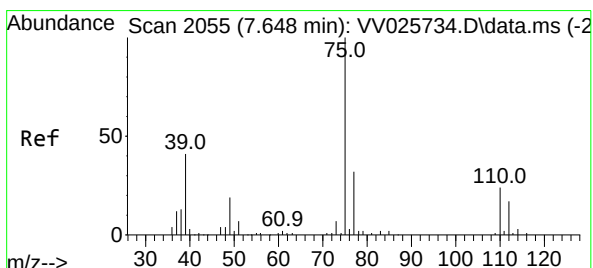
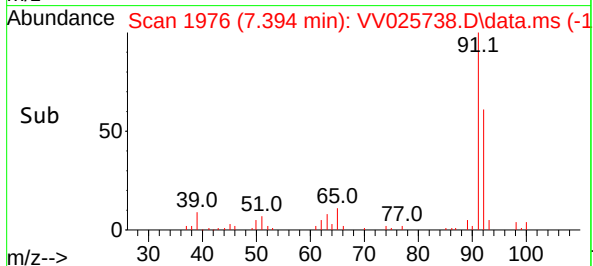
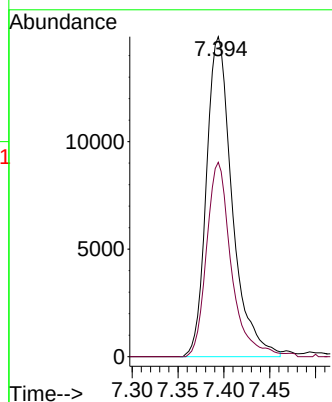
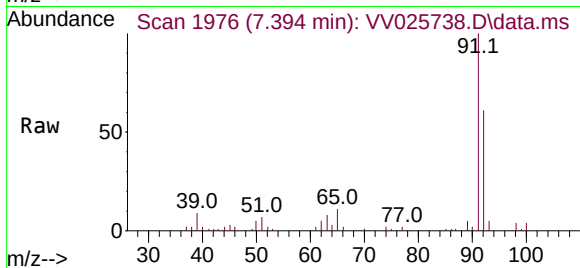
BH0D6

Tgt Ion: 91 Resp: 29078

Ion Ratio Lower Upper

91 100

92 60.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025738.D

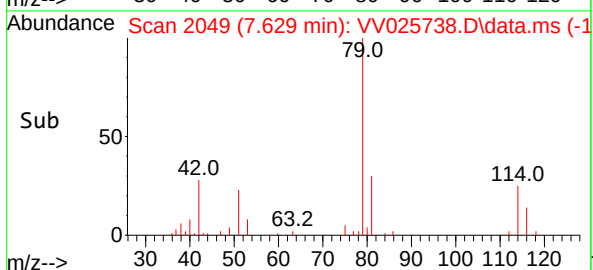
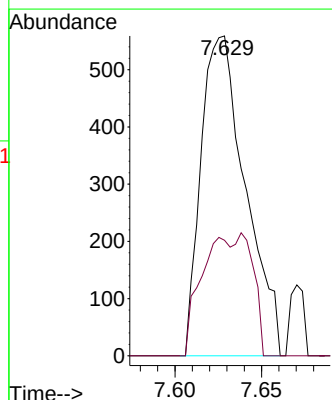
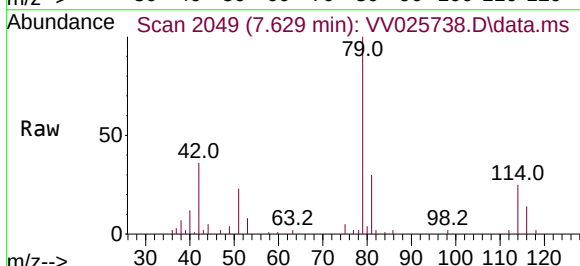
Acq: 29 Apr 2022 12:15

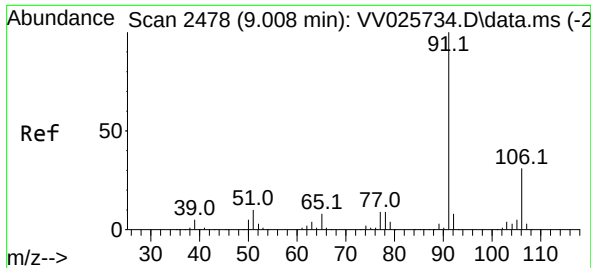
Tgt Ion: 75 Resp: 1000

Ion Ratio Lower Upper

75 100

77 36.1 21.7 40.3





#52

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.021 min Scan# 2478

Delta R.T. 0.013 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

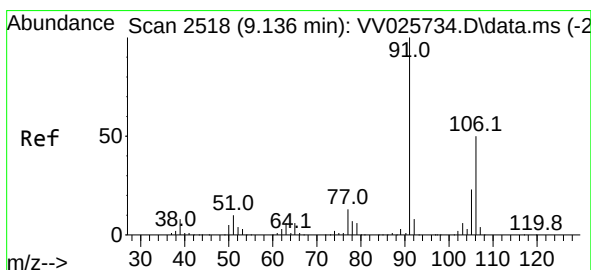
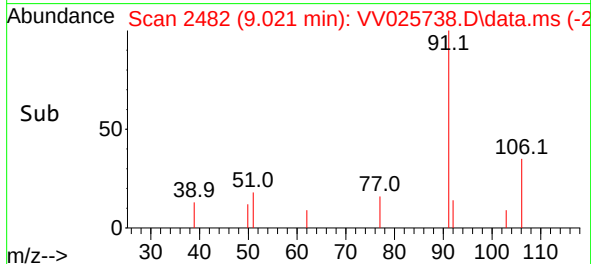
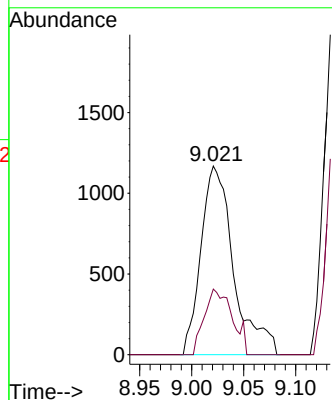
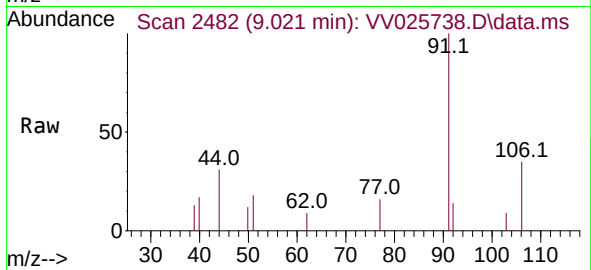
BH0D6

Tgt Ion: 91 Resp: 2564

Ion Ratio Lower Upper

91 100

106 34.8 22.3 41.3



#53

m,p-Xylene

Concen: 0.130 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025738.D

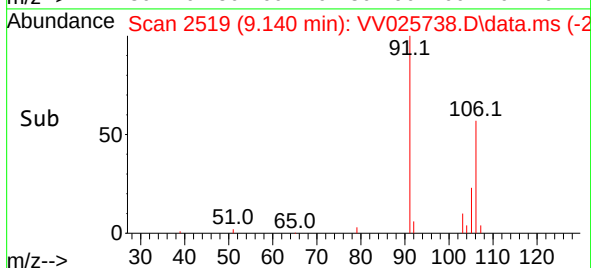
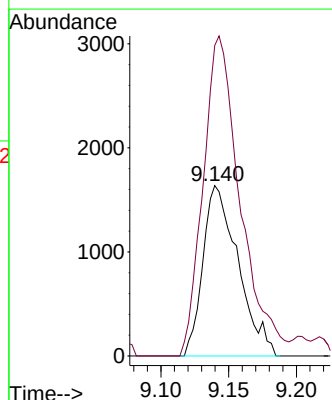
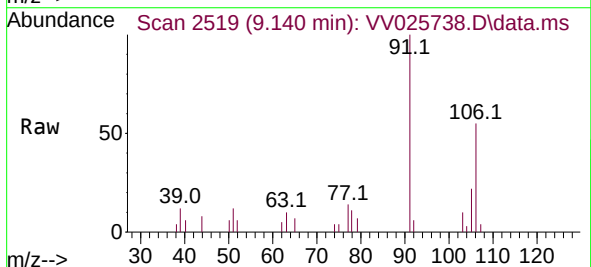
Acq: 29 Apr 2022 12:15

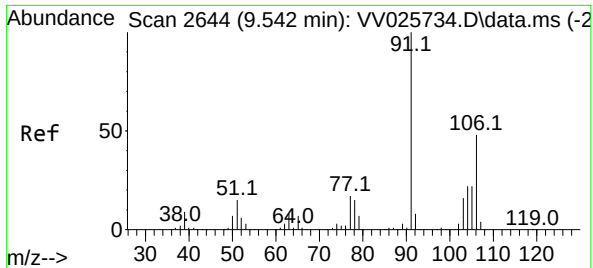
Tgt Ion: 106 Resp: 2949

Ion Ratio Lower Upper

106 100

91 182.2 136.4 253.4

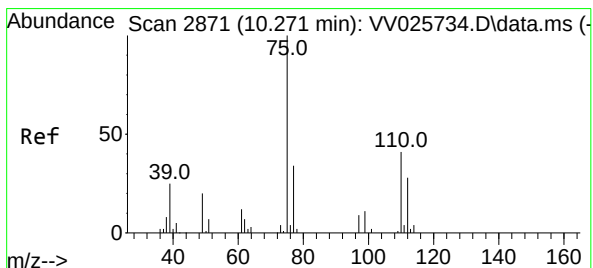
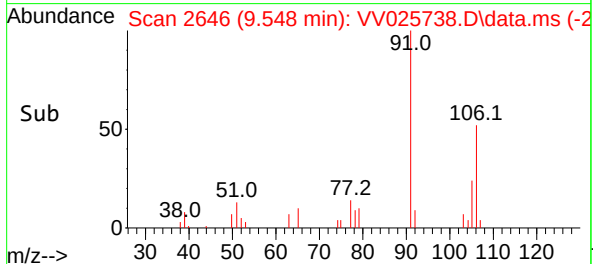
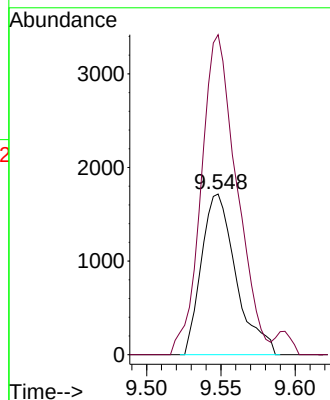
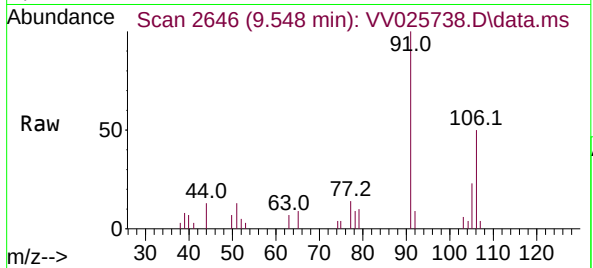




#54
o-Xylene
Concen: 0.126 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

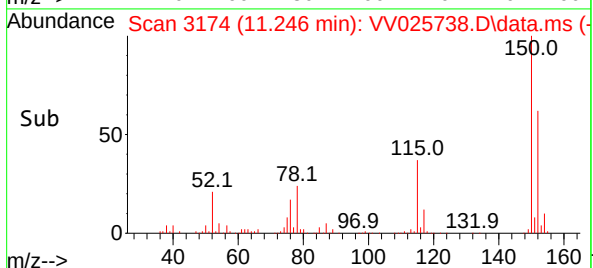
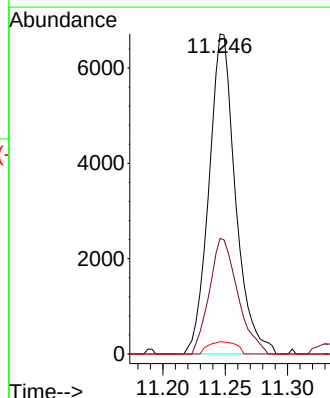
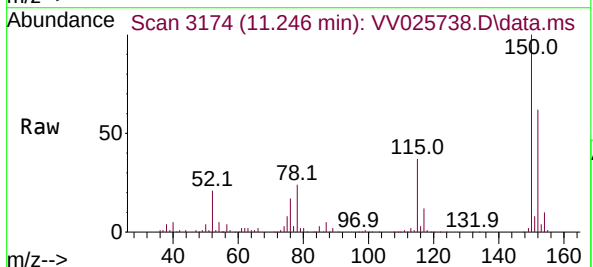
Instrument :
MSVOA_V
ClientSampleId :
BH0D6

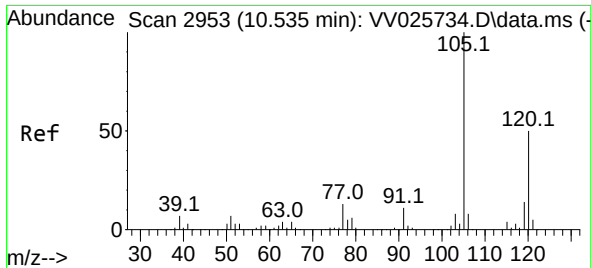
Tgt Ion:106 Resp: 2775
Ion Ratio Lower Upper
106 100
91 199.3 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.812 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion: 75 Resp: 9957
Ion Ratio Lower Upper
75 100
77 38.6 25.6 38.4#
110 4.0 34.7 52.1#

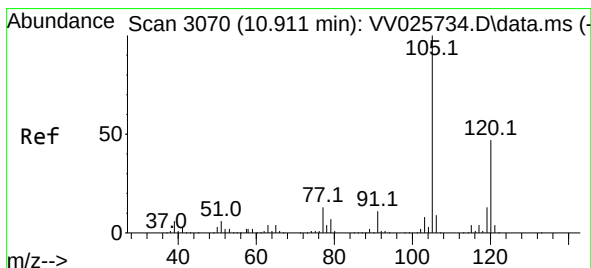
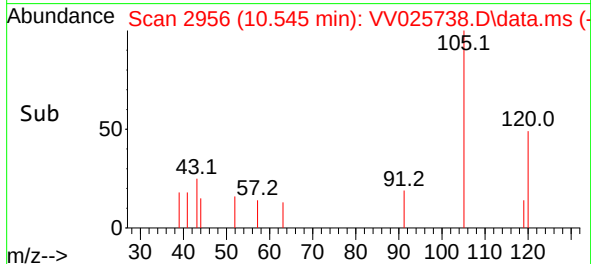
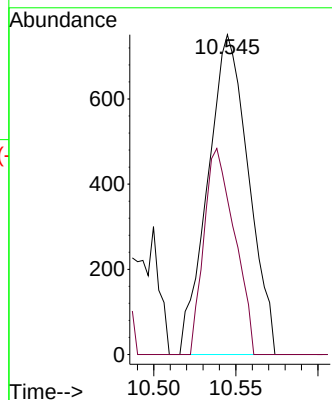
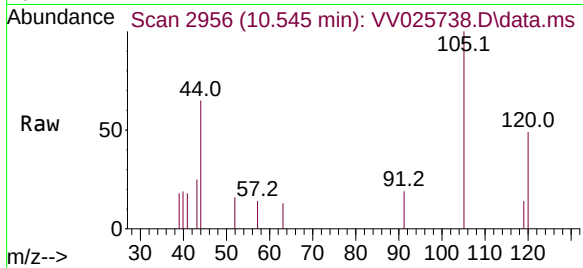




#62
1,3,5-Trimethylbenzene
Concen: 0.056 ug/L
RT: 10.545 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

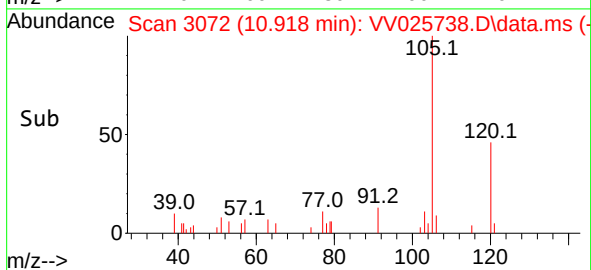
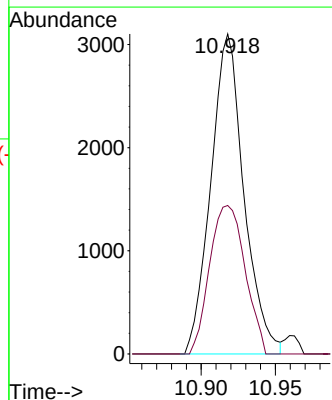
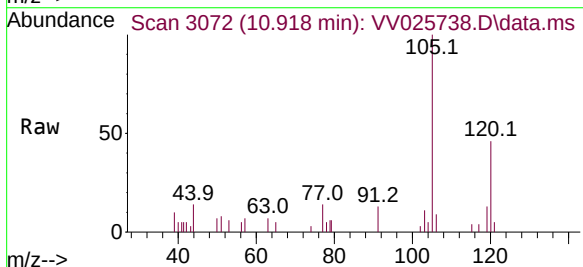
Instrument :
MSVOA_V
ClientSampleId :
BH0D6

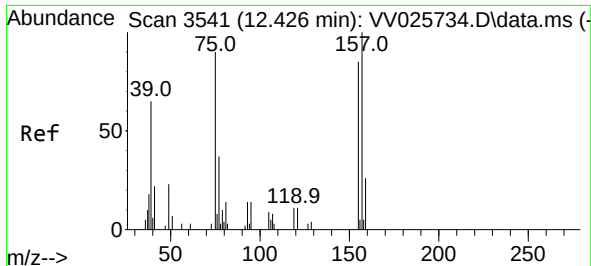
Tgt Ion:105 Resp: 1297
Ion Ratio Lower Upper
105 100
120 48.2 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 0.116 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.007 min
Lab File: VV025738.D
Acq: 29 Apr 2022 12:15

Tgt Ion:105 Resp: 4806
Ion Ratio Lower Upper
105 100
120 49.6 36.6 55.0





#68

1,2-Dibromo-3-chloropropane

Concen: 0.295 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

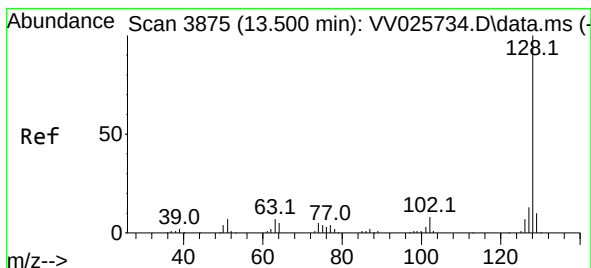
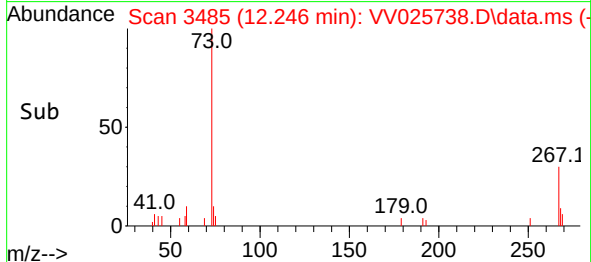
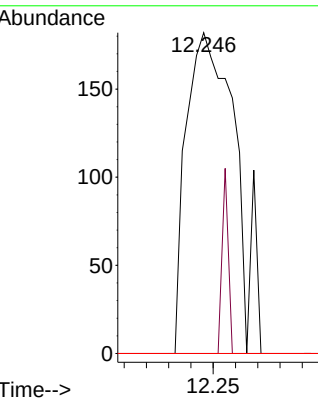
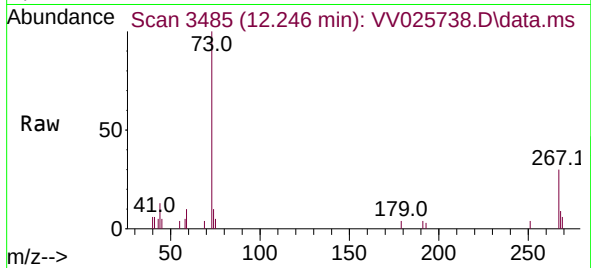
Instrument :

MSVOA_V

ClientSampleId :

BH0D6

Tgt Ion: 75	Resp:	280
Ion Ratio	Lower	Upper
75	100	
155	0.0	65.8 98.8#
157	0.0	86.6 130.0#



#71

Naphthalene

Concen: 0.343 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.007 min

Lab File: VV025738.D

Acq: 29 Apr 2022 12:15

Tgt Ion: 128	Resp:	7120
Ion Ratio	Lower	Upper
128	100	
129	9.2	8.8 13.2
127	14.4	10.4 15.6

