

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025057.D
 Acq On : 16 Mar 2022 18:57
 Operator : SY/MD
 Sample : N1941-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45975	3.983	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.571	69	37992	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.111	63	58431	3.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.896	46	81761	58.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.220%
24) Chloroform-d	4.352	84	87639	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.037	65	38801	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.053	84	177448	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	54087	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	150596	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	16500	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	60457	43.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30399	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	48788	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2367	0.194	ug/L	95
13) Acetone	2.188	43	3599	3.857	ug/L	83
15) Methyl Acetate	2.458	43	628	0.246	ug/L #	44
21) 2-Butanone	4.079	43	60437	41.040	ug/L #	56
25) Chloroform	4.378	83	1489	0.075	ug/L	84
27) 1,2-Dichloroethane	5.050	62	791	0.080	ug/L #	71
35) Methylcyclohexane	6.069	83	13171	0.692	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5697	0.549	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1085	0.075	ug/L #	75
47) Tetrachloroethene	7.976	164	13427	1.588	ug/L	96
49) Dibromochloromethane	7.976	129	13847	1.785	ug/L #	10
52) Ethylbenzene	9.149	91	1927	0.039	ug/L	87
53) m,p-xylene	9.143	106	818	0.042	ug/L	98
61) 1,2,3-Trichloropropane	10.018	75	371	0.074	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.924	105	948	0.047	ug/L	87
68) 1,2-Dibromo-3-chloropr...	12.246	75	107	0.125	ug/L #	1

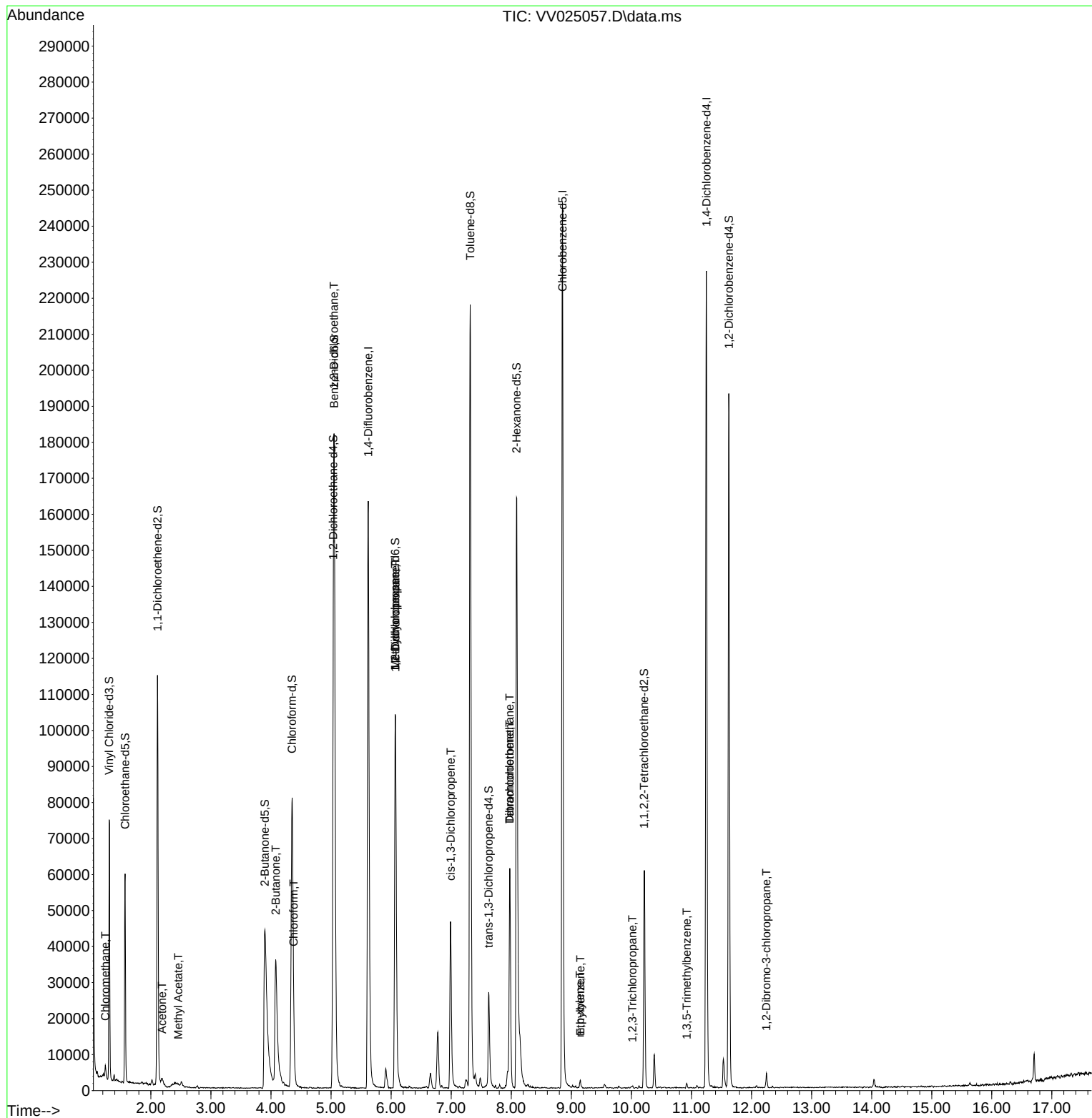
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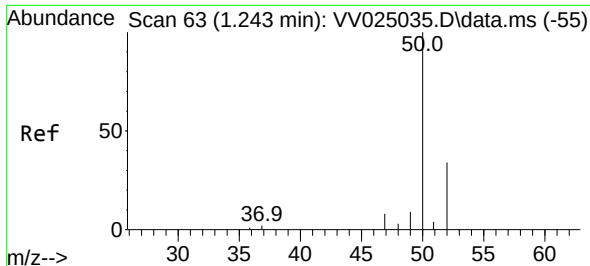
Instrument :
MSVOA_V
ClientSampleId :

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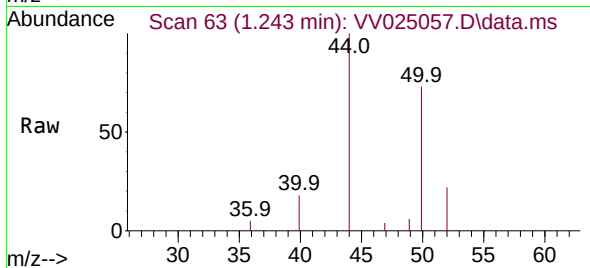


#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

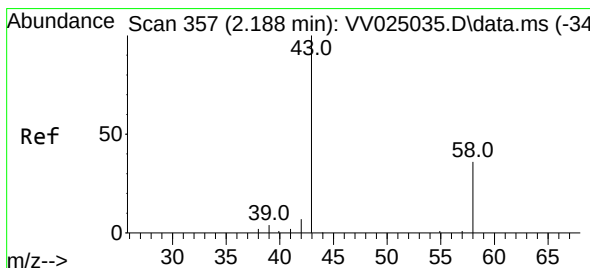
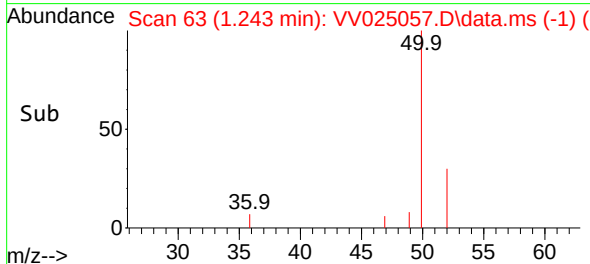
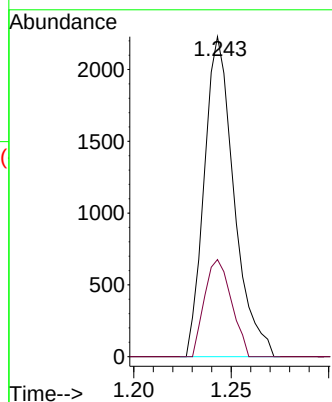
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MSVOA_V

ClientSampleId :

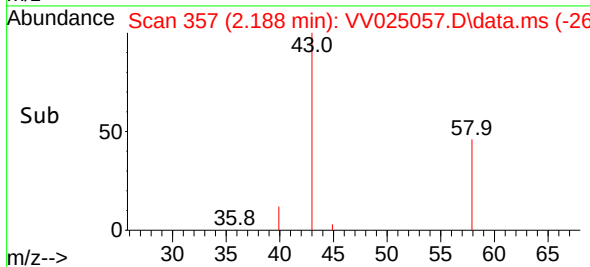
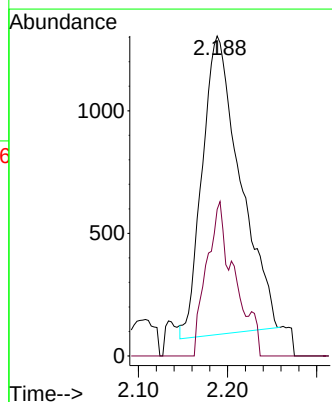
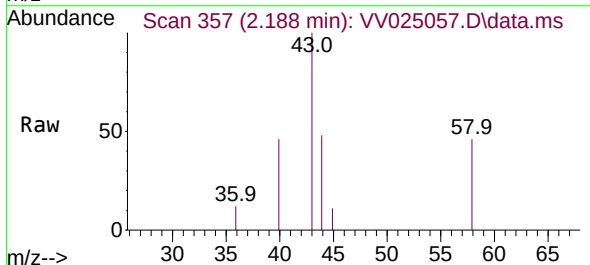


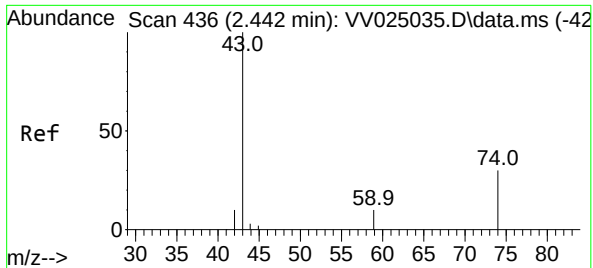
Tgt Ion: 50 Resp: 2367
Ion Ratio Lower Upper
50 100
52 30.4 23.2 43.2



#13
Acetone
Concen: 3.857 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

Tgt Ion: 43 Resp: 3599
Ion Ratio Lower Upper
43 100
58 35.7 0.0 54.2

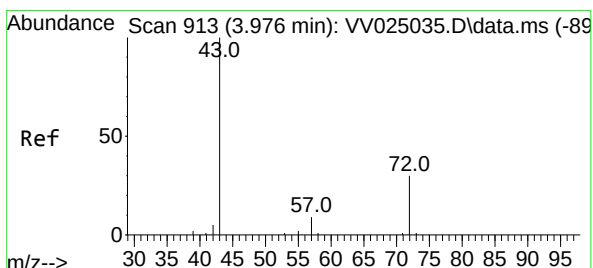
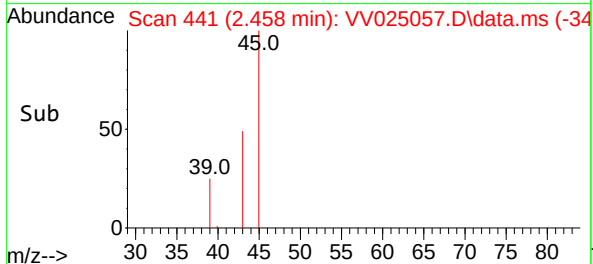
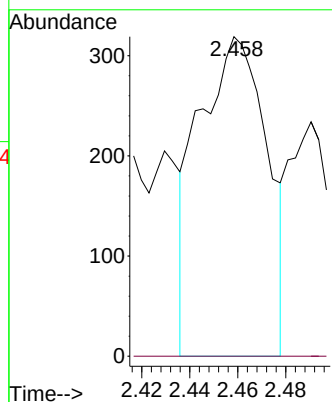
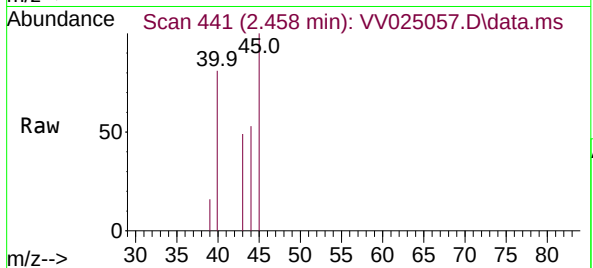




#15
Methyl Acetate
Concen: 0.246 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.016 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

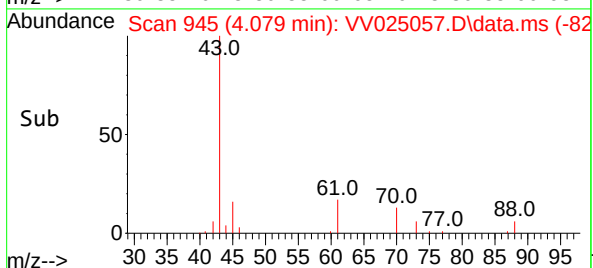
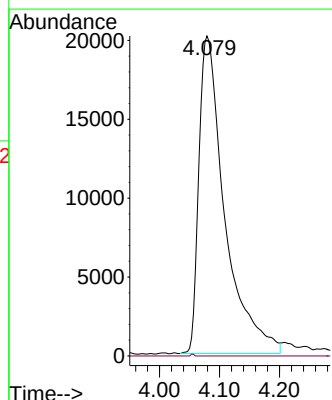
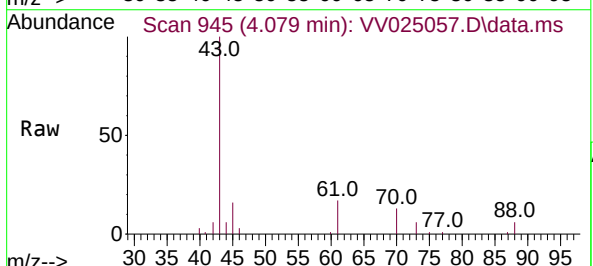
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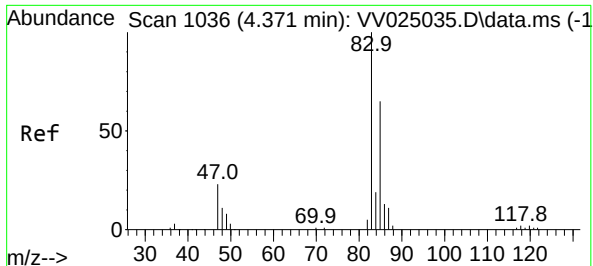
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#21
2-Butanone
Concen: 41.040 ug/L
RT: 4.079 min Scan# 945
Delta R.T. 0.103 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

Tgt Ion: 43 Resp: 60437
Ion Ratio Lower Upper
43 100
72 0.1 10.4 31.2#





#25

Chloroform

Concen: 0.075 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025057.D

Acq: 16 Mar 2022 18:57

Instrument :

MSVOA_V

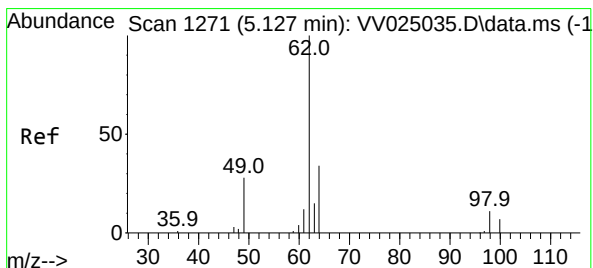
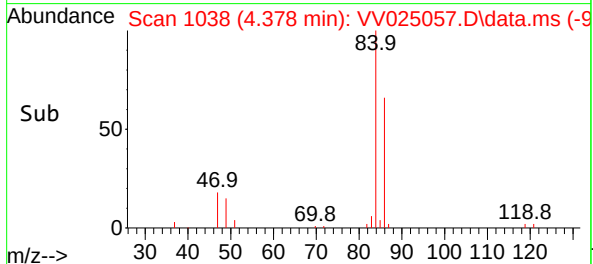
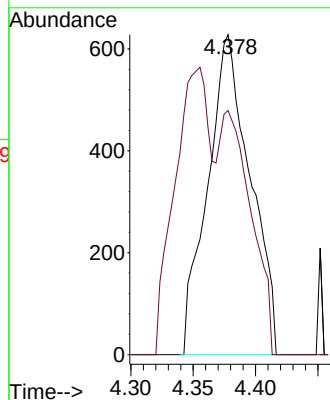
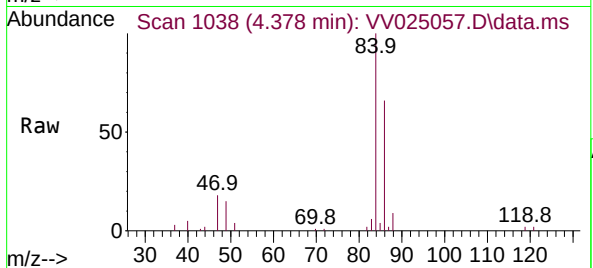
ClientSampleId :

Tgt Ion: 83 Resp: 1489

Ion Ratio Lower Upper

83 100

85 76.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025057.D

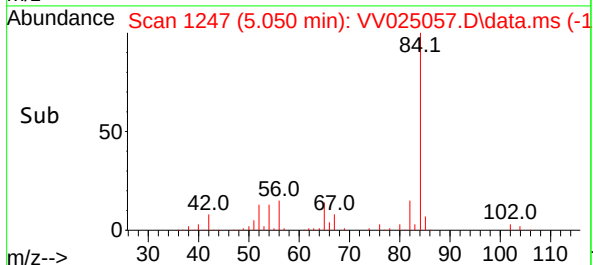
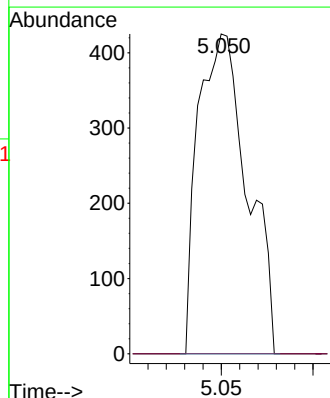
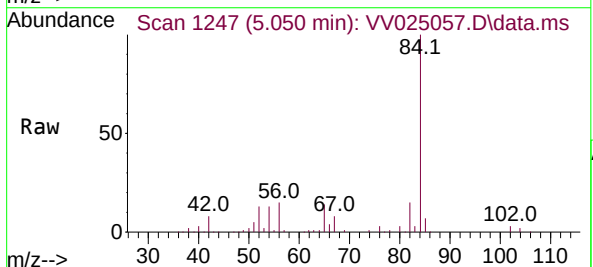
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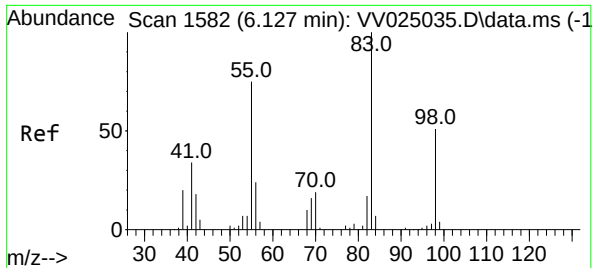
Tgt Ion: 62 Resp: 791

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

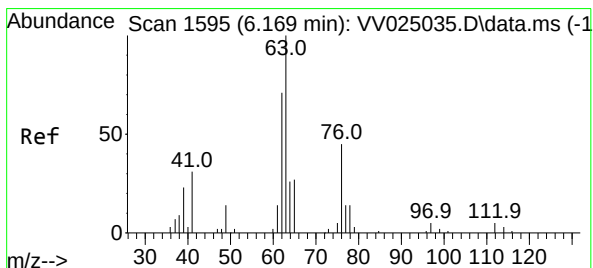
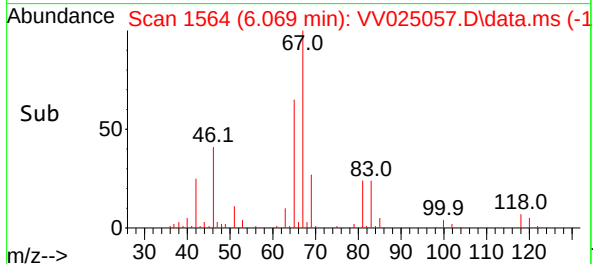
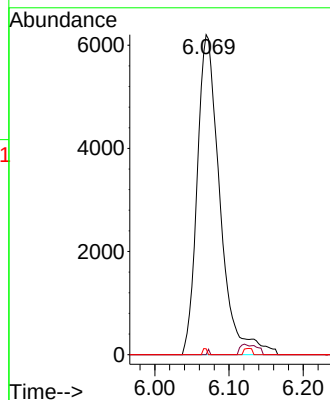
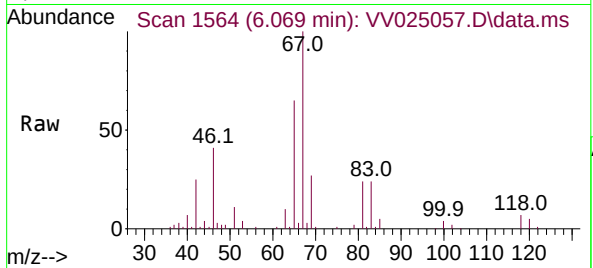




#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

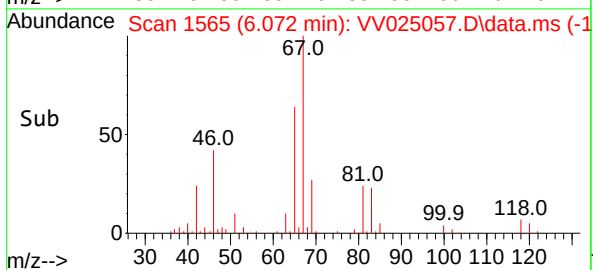
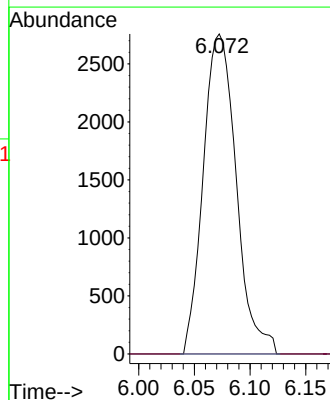
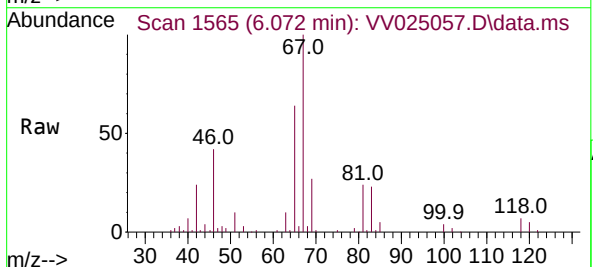
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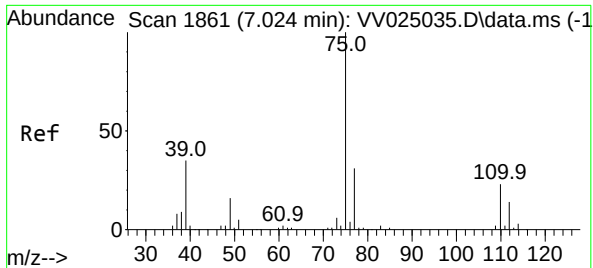
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.4	83.0#
98	0.3	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

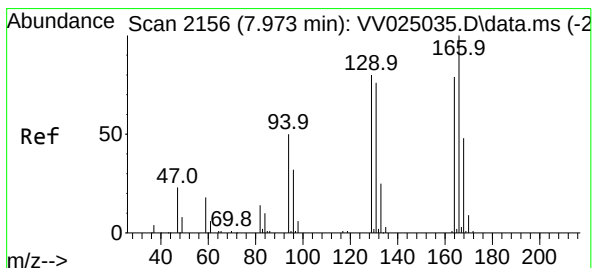
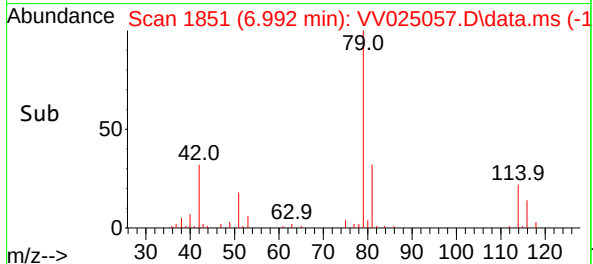
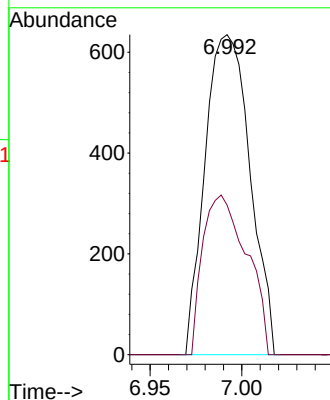
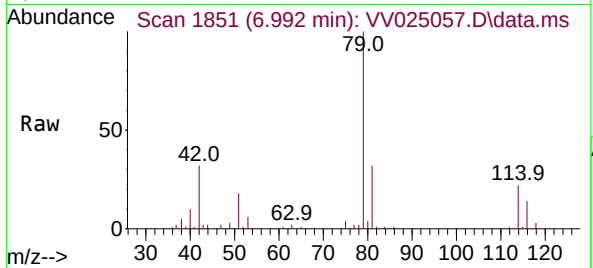




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 6.992 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: VV025057.D
 Acq: 16 Mar 2022 18:57

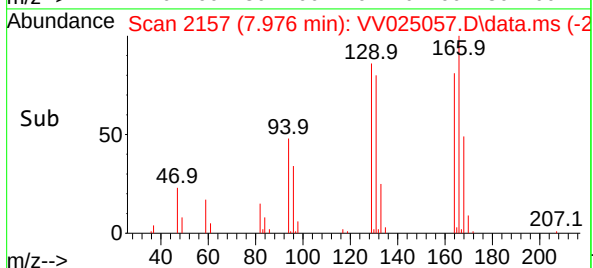
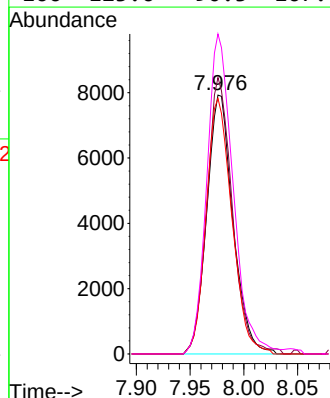
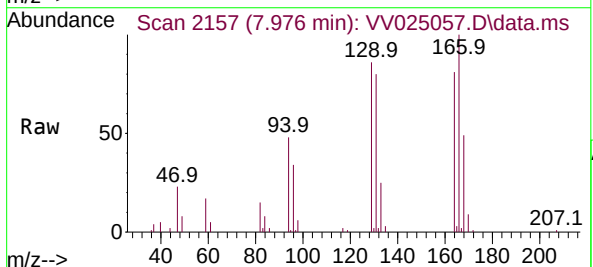
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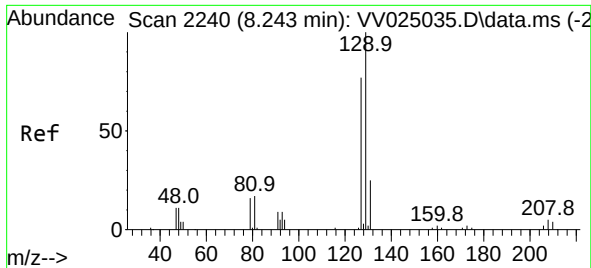
Tgt Ion: 75 Resp: 1085
 Ion Ratio Lower Upper
 75 100
 77 46.8 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 1.588 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025057.D
 Acq: 16 Mar 2022 18:57

Tgt Ion:164 Resp: 13427
 Ion Ratio Lower Upper
 164 100
 129 106.7 70.3 130.7
 131 98.7 69.4 129.0
 166 123.6 90.3 167.7

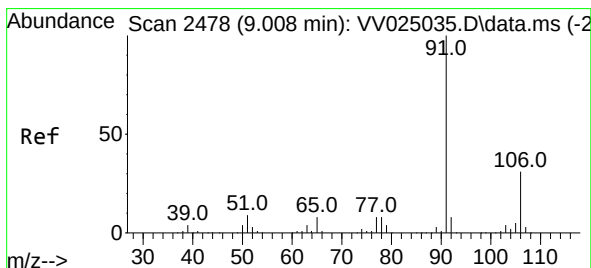
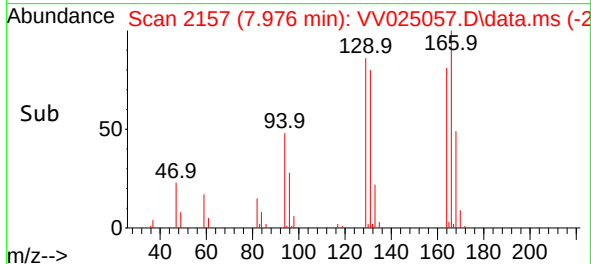
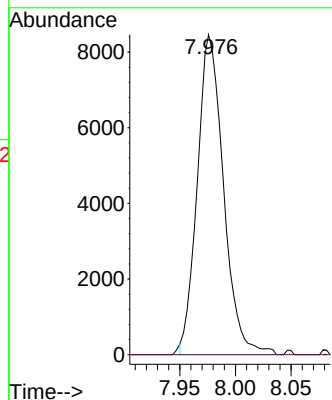
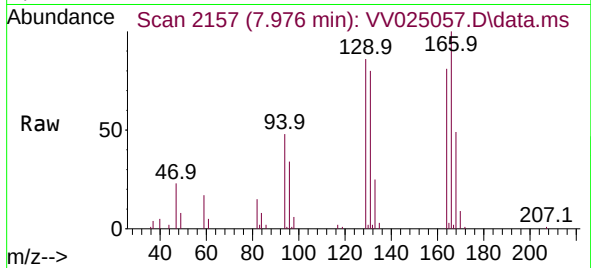




#49
Dibromochloromethane
Concen: 1.785 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

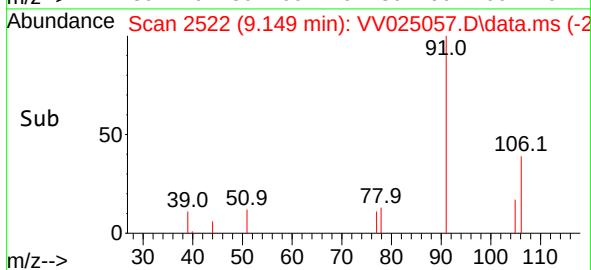
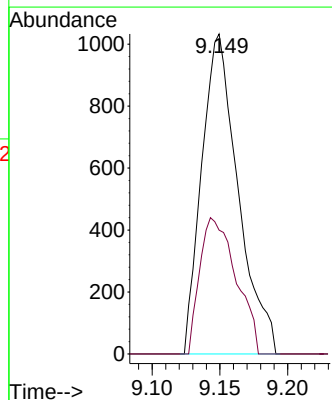
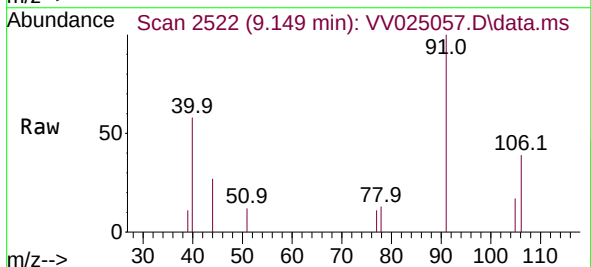
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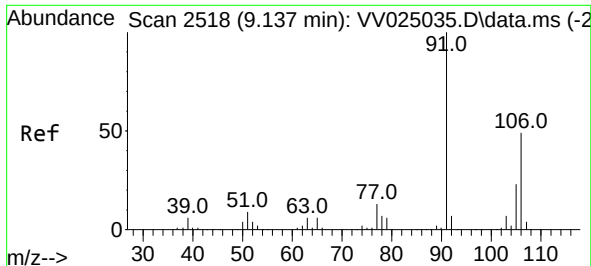
Tgt Ion:129 Resp: 13847
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



#52
Ethylbenzene
Concen: 0.039 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.142 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

Tgt Ion: 91 Resp: 1927
Ion Ratio Lower Upper
91 100
106 38.7 21.9 40.7

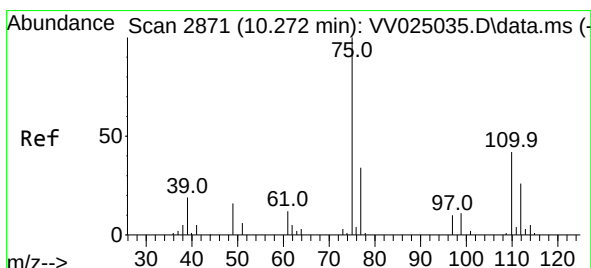
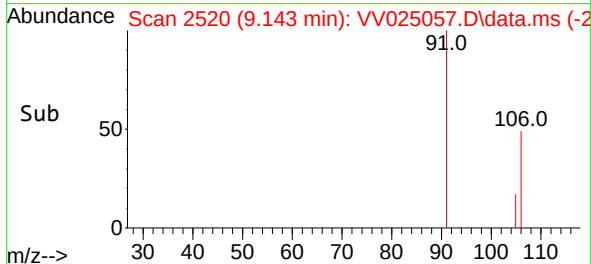
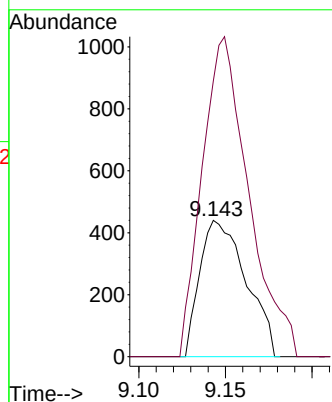
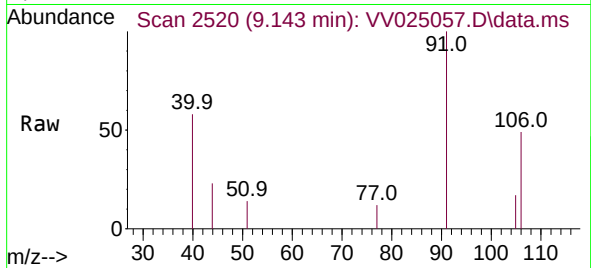




#53
m,p-xylene
Concen: 0.042 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

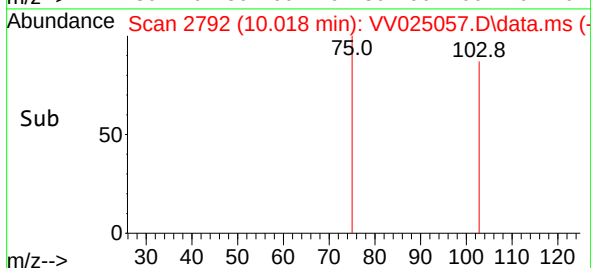
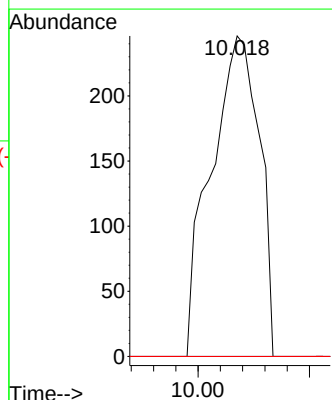
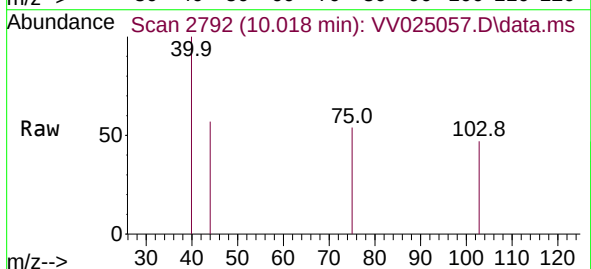
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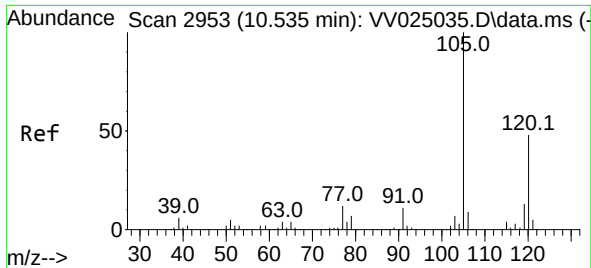
Tgt Ion:106 Resp: 818
Ion Ratio Lower Upper
106 100
91 202.3 143.4 266.4



#61
1,2,3-Trichloropropane
Concen: 0.074 ug/L
RT: 10.018 min Scan# 2792
Delta R.T. -0.254 min
Lab File: VV025057.D
Acq: 16 Mar 2022 18:57

Tgt Ion: 75 Resp: 371
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
110 0.0 31.2 46.8#

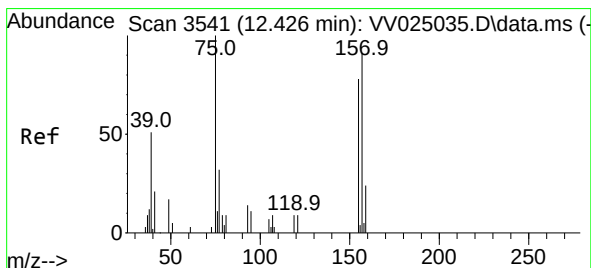
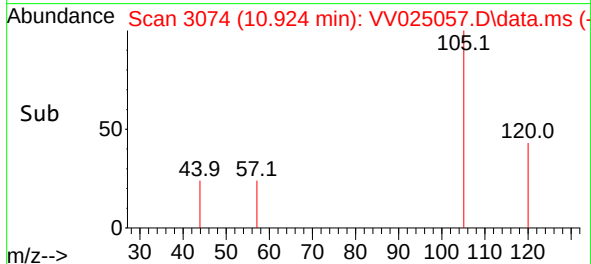
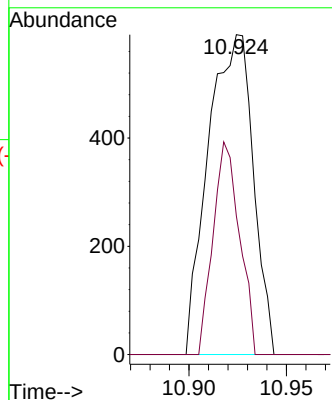
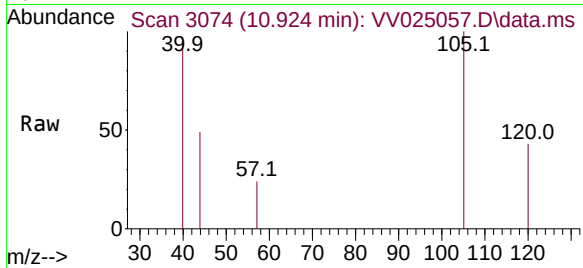




#62
 1,3,5-Trimethylbenzene
 Concen: 0.047 ug/L
 RT: 10.924 min Scan# 3074
 Delta R.T. 0.389 min
 Lab File: VV025057.D
 Acq: 16 Mar 2022 18:57

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 948
 Ion Ratio Lower Upper
 105 100
 120 39.0 38.5 57.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.125 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025057.D
 Acq: 16 Mar 2022 18:57

Tgt Ion: 75 Resp: 107
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

