

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025697.D
 Acq On : 22 Apr 2022 21:46
 Operator : SY/MD
 Sample : N2530-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6X1

Quant Time: Apr 23 02:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	77213	5.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.574	69	71816	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.114	63	113844	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.896	46	98732	62.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.840%
24) Chloroform-d	4.352	84	117272	6.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.400%
26) 1,2-Dichloroethane-d4	5.037	65	54947	6.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.800%#
32) Benzene-d6	5.053	84	236436	5.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.600%
36) 1,2-Dichloropropane-d6	6.072	67	69772	6.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.400%
41) Toluene-d8	7.317	98	194552	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.625	79	19733	5.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.088	63	71008	53.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39767	5.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	60445	6.105	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						Qvalue
3) Chloromethane	1.246	50	575	0.042	ug/L	95
14) Carbon disulfide	2.301	76	2002	0.069	ug/L #	72
15) Methyl Acetate	2.433	43	731	0.309	ug/L #	43
21) 2-Butanone	4.015	43	1261	0.857	ug/L	79
25) Chloroform	4.375	83	3441	0.191	ug/L	99
30) Cyclohexane	4.677	56	751	0.050	ug/L #	18
33) Benzene	5.105	78	2530	0.061	ug/L	100
35) Methylcyclohexane	6.137	83	1038	0.059	ug/L	97
37) 1,2-Dichloropropane	6.069	63	7687	0.803	ug/L #	85
42) Toluene	7.400	91	10464	0.232	ug/L	95
47) Tetrachloroethene	7.979	164	5759	0.669	ug/L	96
49) Dibromochloromethane	7.979	129	5510	0.783	ug/L #	11
52) Ethylbenzene	9.018	91	3664	0.076	ug/L	96
53) m,p-Xylene	9.153	106	657	0.036	ug/L #	52
61) 1,2,3-Trichloropropane	10.014	75	275	0.071	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.921	105	748	0.046	ug/L	87

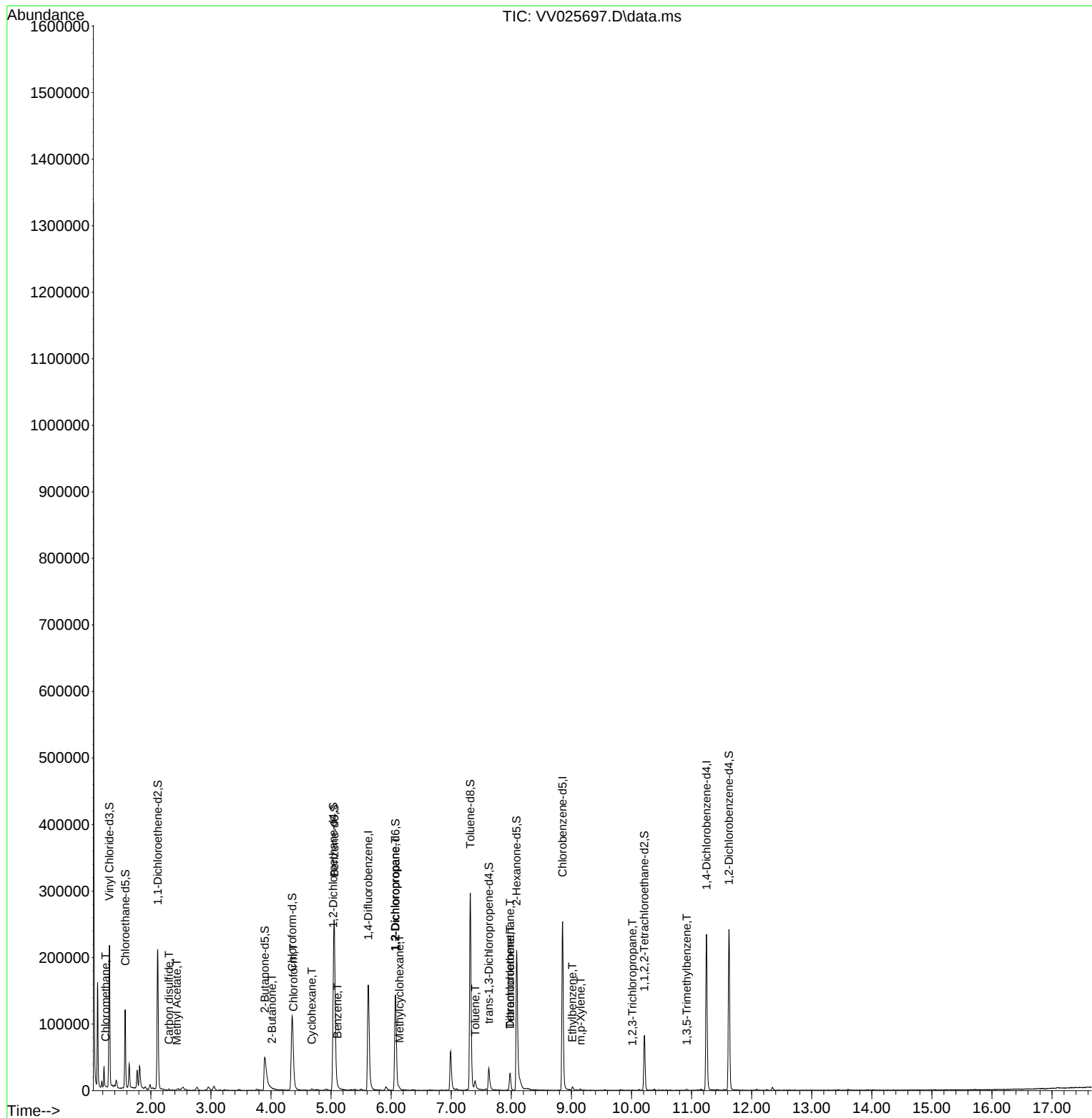
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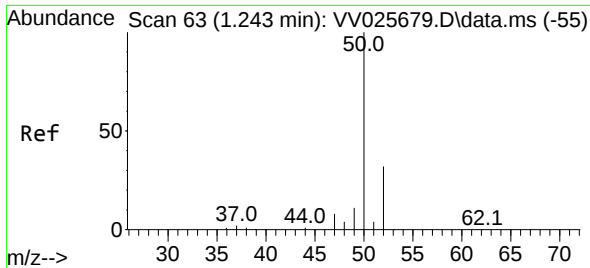
Instrument :
MSVOA_V
ClientSampleId :
EW6X1

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Quant Time: Apr 23 02:03:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 23 01:57:52 2022
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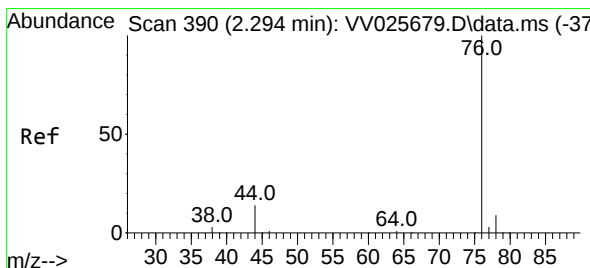
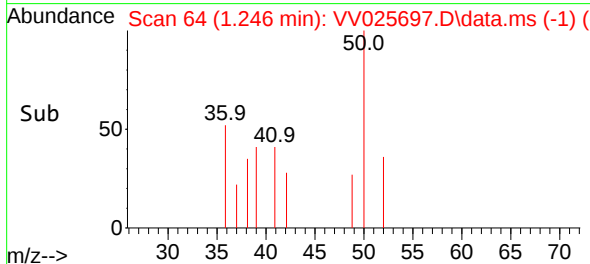
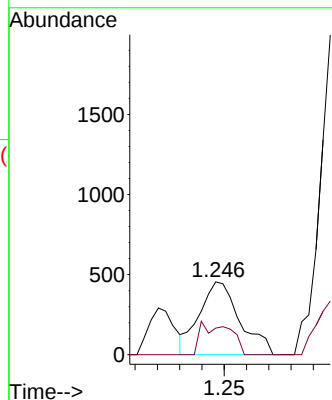
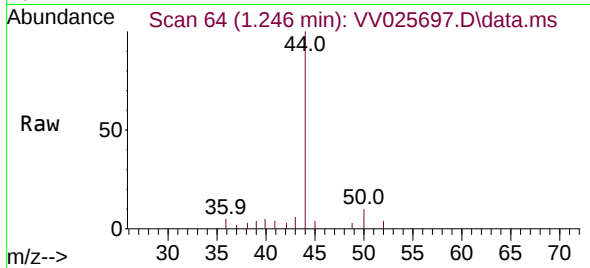




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

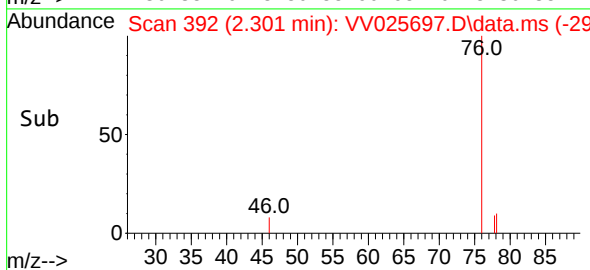
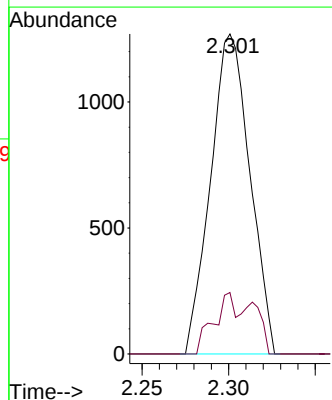
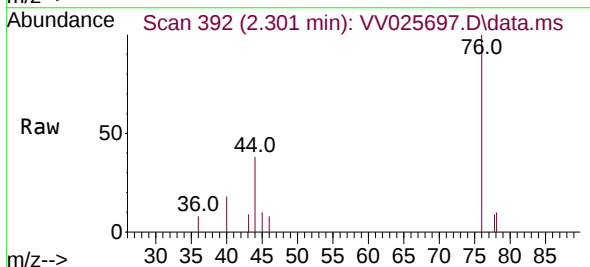
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MSVOA_V
ClientSampleId :
EW6X1

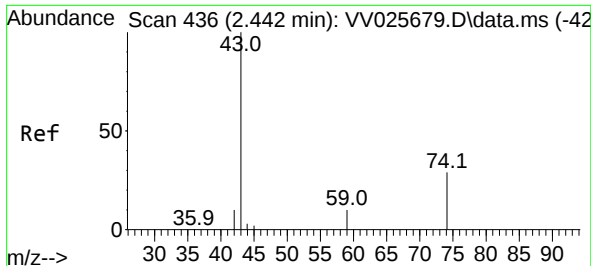
Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 36.5 23.7 43.9



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

Tgt Ion: 76 Resp: 2002
Ion Ratio Lower Upper
76 100
78 19.2 7.3 10.9#

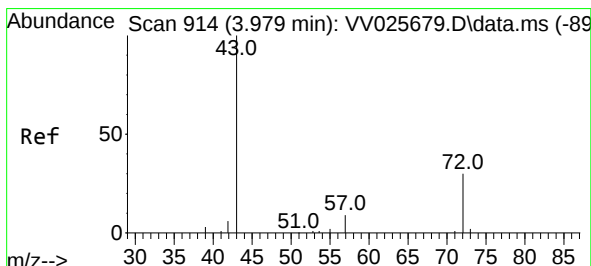
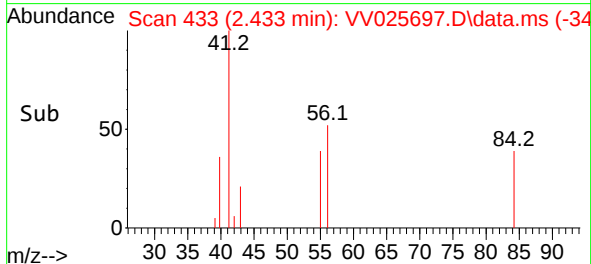
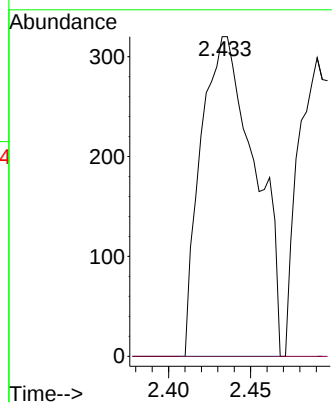
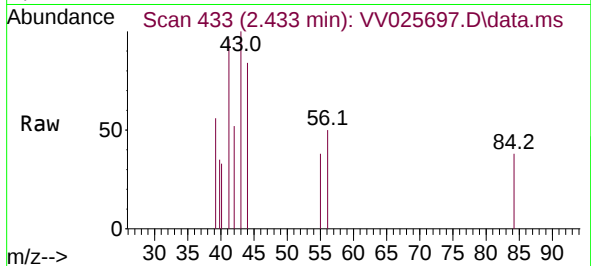




#15
Methyl Acetate
Concen: 0.309 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

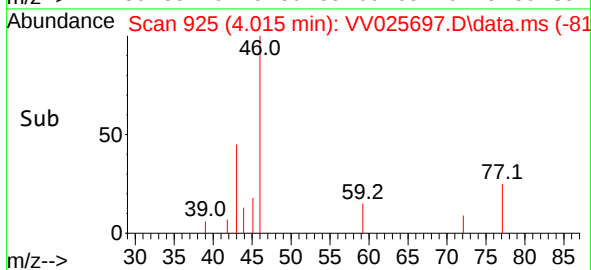
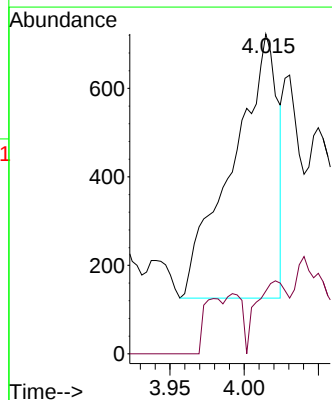
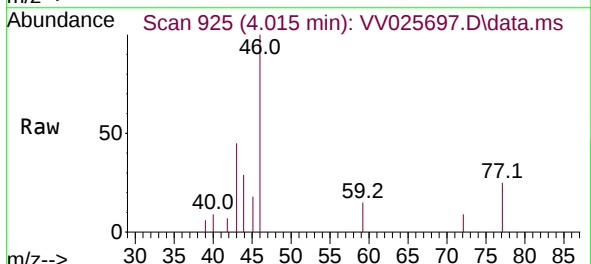
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ClientSampleId :
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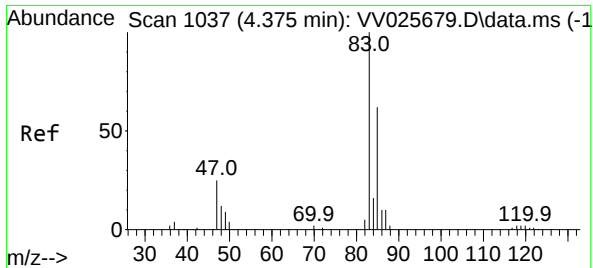
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#21
2-Butanone
Concen: 0.857 ug/L
RT: 4.015 min Scan# 925
Delta R.T. 0.045 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
72 19.0 15.2 45.6

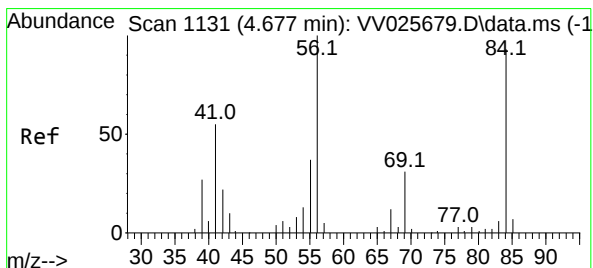
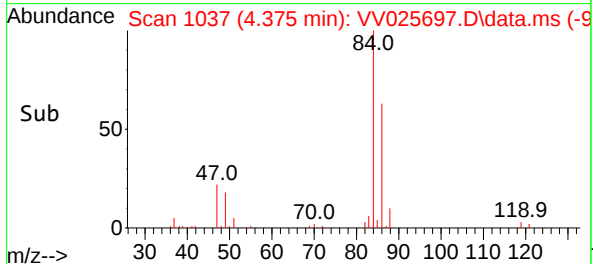
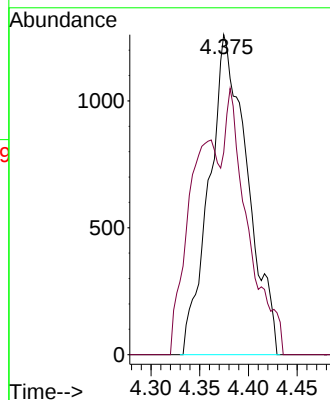
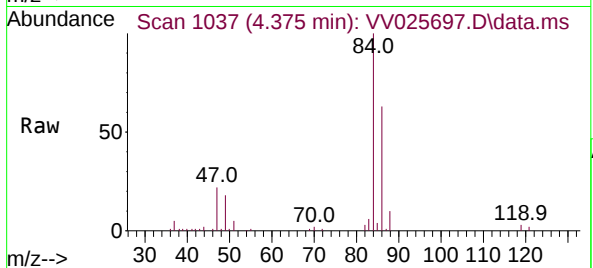




#25
Chloroform
Concen: 0.191 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

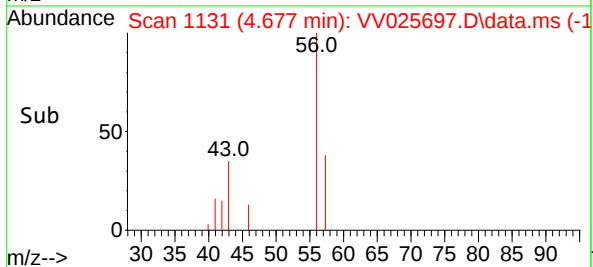
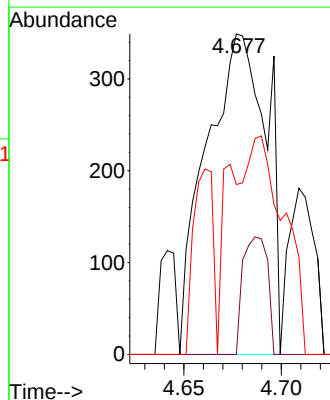
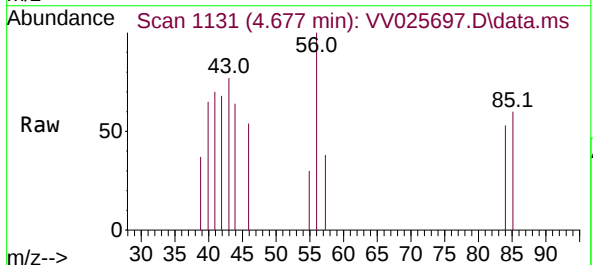
Instrument :
MSVOA_V
ClientSampleId :
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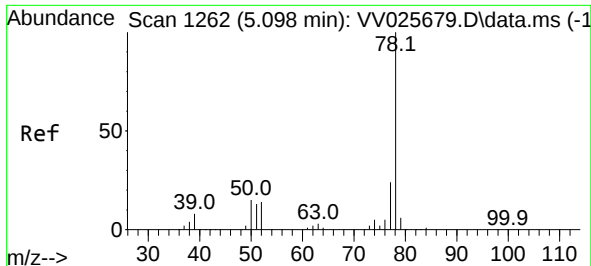
Tgt Ion: 83 Resp: 3441
Ion Ratio Lower Upper
83 100
85 63.2 43.5 80.7



#30
Cyclohexane
Concen: 0.050 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

Tgt Ion: 56 Resp: 751
Ion Ratio Lower Upper
56 100
69 14.9 26.1 39.1#
84 0.0 78.6 118.0#

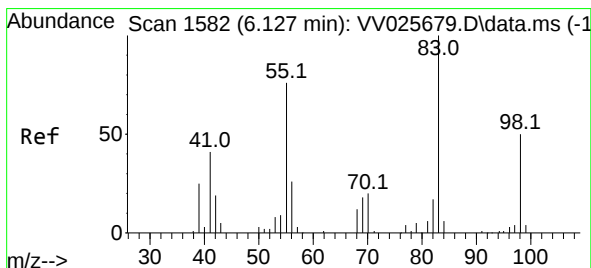
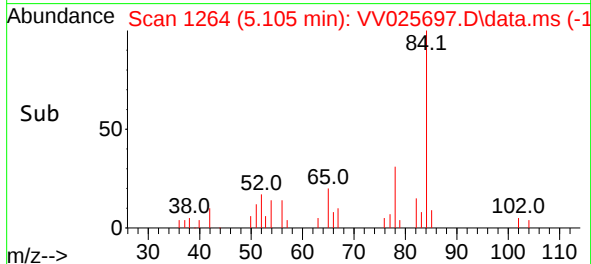
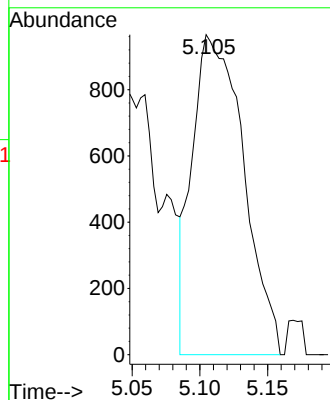
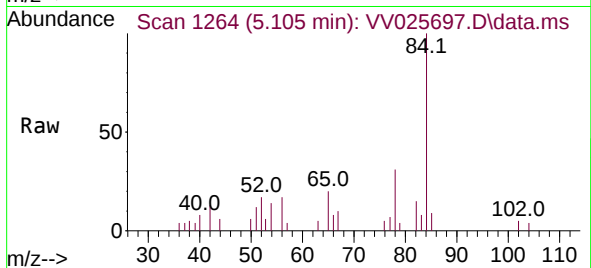




#33
Benzene
Concen: 0.061 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

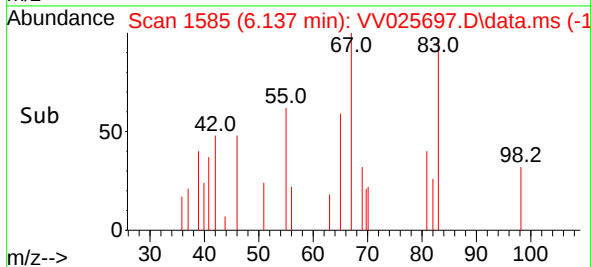
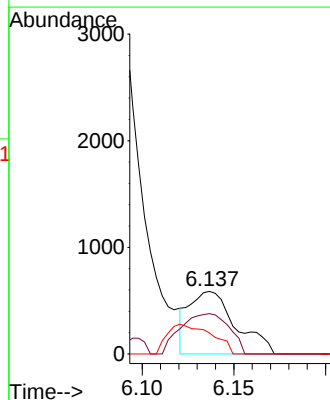
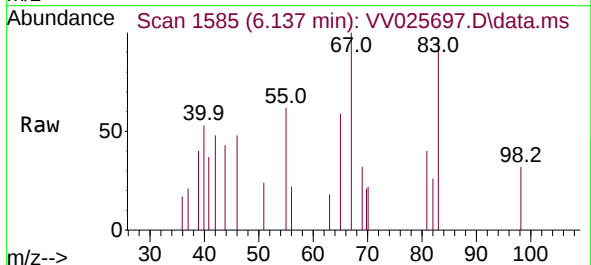
Instrument :
MSVOA_V
ClientSampleId :
EW6X1

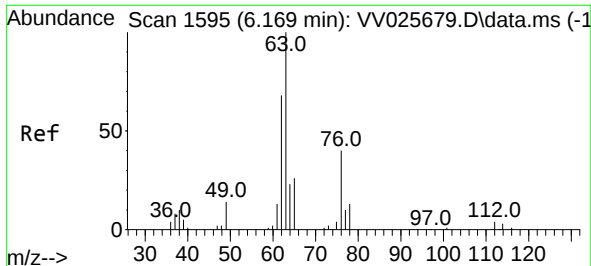
Tgt Ion: 78 Resp: 2530



#35
Methylcyclohexane
Concen: 0.059 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.010 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

Tgt Ion: 83 Resp: 1038
Ion Ratio Lower Upper
83 100
55 67.1 53.7 80.5
98 45.1 39.6 59.4





#37

1,2-Dichloropropane

Concen: 0.803 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025697.D

Acq: 22 Apr 2022 21:46

Instrument :

MSVOA_V

ClientSampleId :

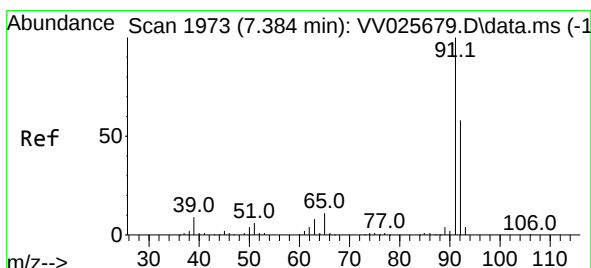
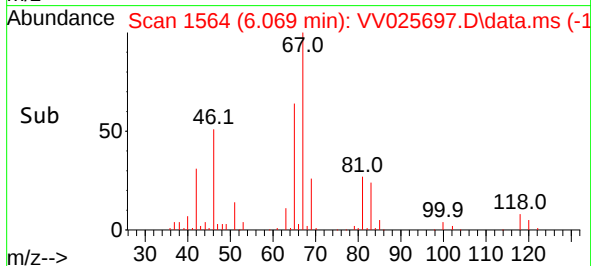
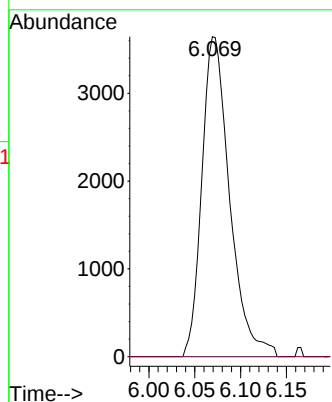
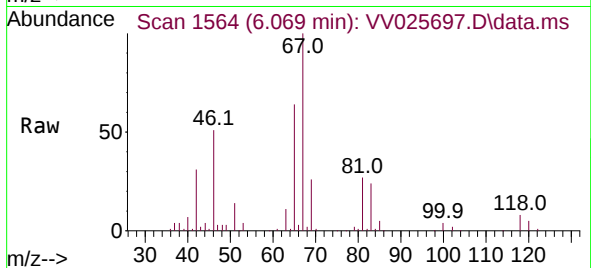
EW6X1

Tgt Ion: 63 Resp: 7687

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.232 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV025697.D

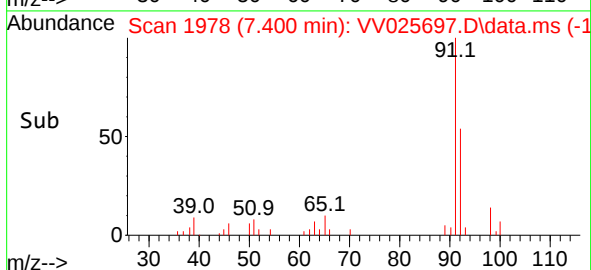
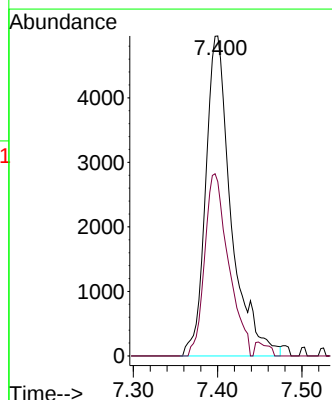
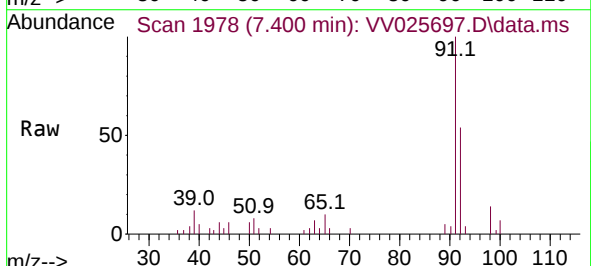
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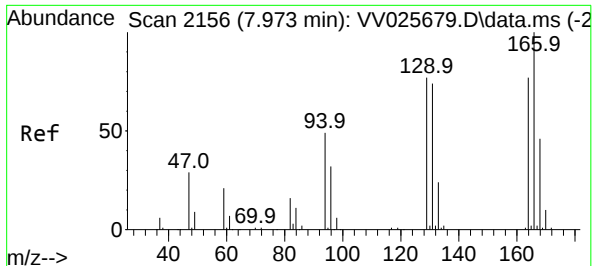
Tgt Ion: 91 Resp: 10464

Ion Ratio Lower Upper

91 100

92 54.5 40.8 75.8





#47

Tetrachloroethene

Concen: 0.669 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV025697.D

Acq: 22 Apr 2022 21:46

Instrument :

MSVOA_V

ClientSampleId :

EW6X1

Tgt Ion:164 Resp: 5759

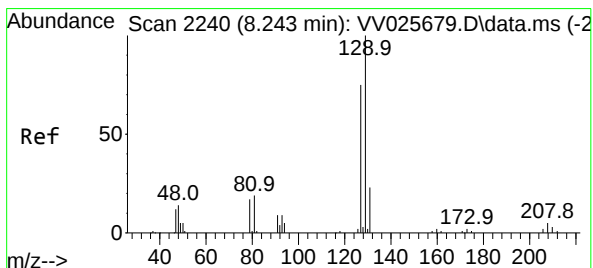
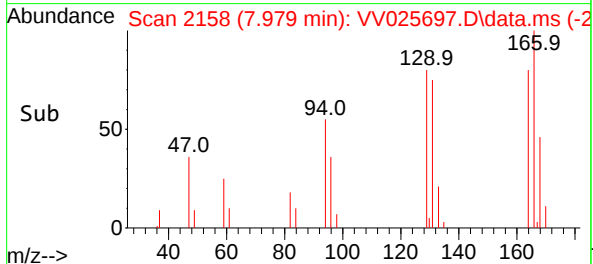
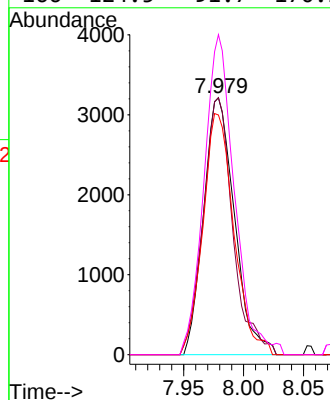
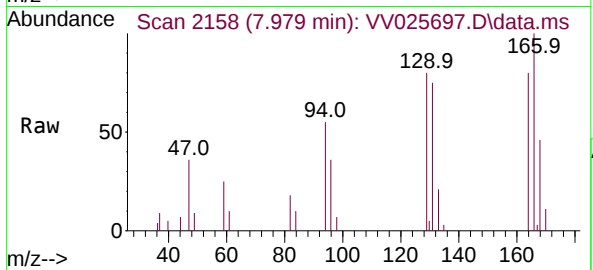
Ion Ratio Lower Upper

164 100

129 100.0 66.8 124.2

131 93.3 66.4 123.4

166 124.5 91.7 170.3



#49

Dibromochloromethane

Concen: 0.783 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025697.D

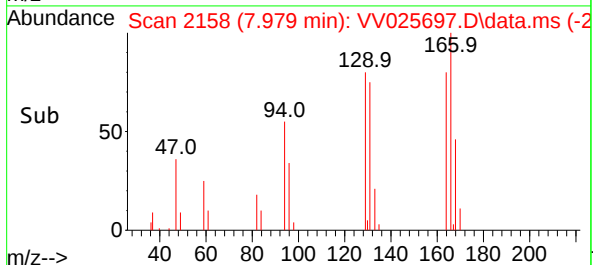
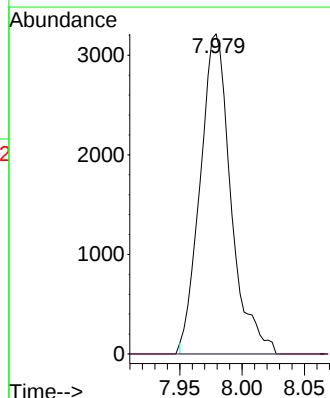
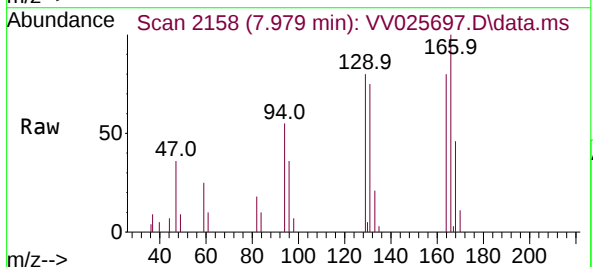
Acq: 22 Apr 2022 21:46

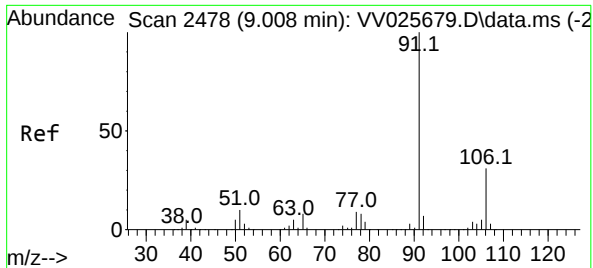
Tgt Ion:129 Resp: 5510

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

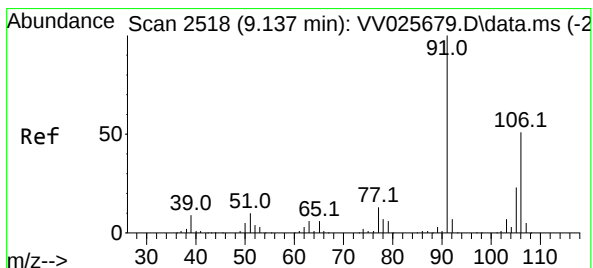
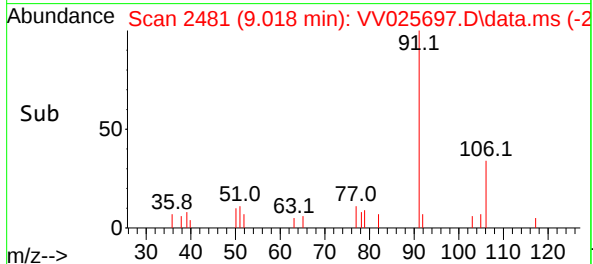
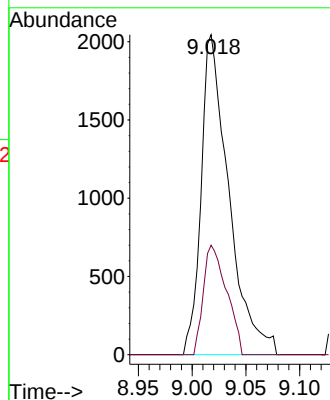
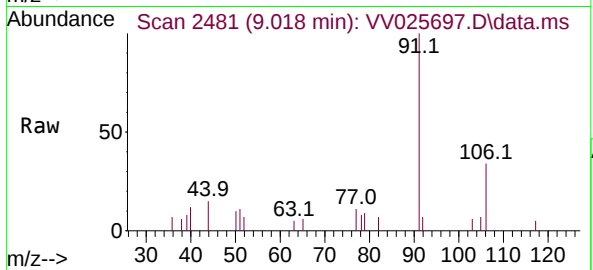




#52
Ethylbenzene
Concen: 0.076 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

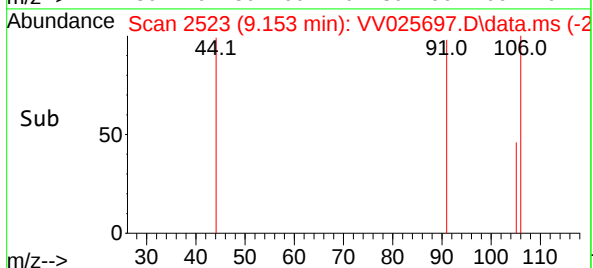
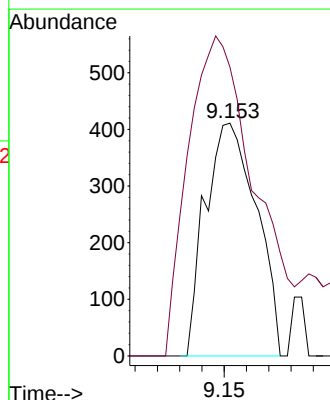
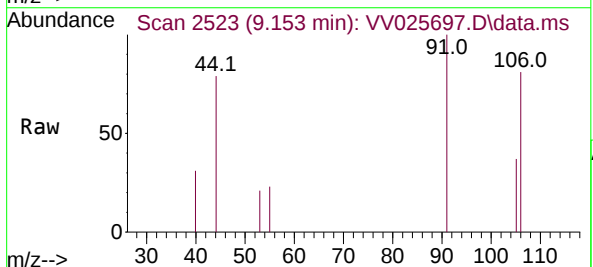
Instrument :
MSVOA_V
ClientSampleId :
EW6X1

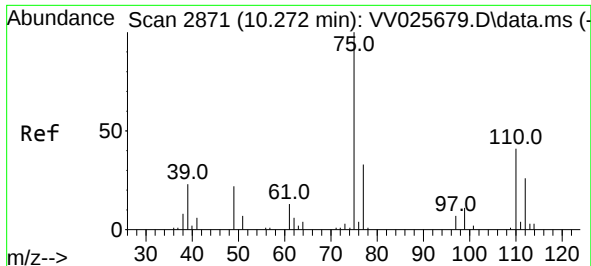
Tgt Ion: 91 Resp: 3664
Ion Ratio Lower Upper
91 100
106 34.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.036 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV025697.D
Acq: 22 Apr 2022 21:46

Tgt Ion: 106 Resp: 657
Ion Ratio Lower Upper
106 100
91 124.1 136.4 253.4#





#61

1,2,3-Trichloropropane

Concen: 0.071 ug/L

RT: 10.014 min Scan# 21

Delta R.T. -0.257 min

Lab File: VV025697.D

Acq: 22 Apr 2022 21:46

Instrument :

MSVOA_V

ClientSampleId :

EW6X1

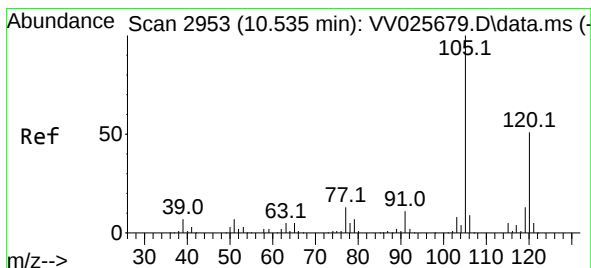
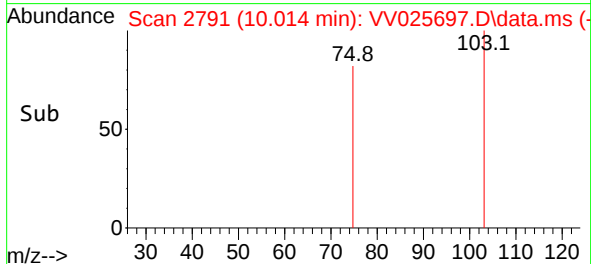
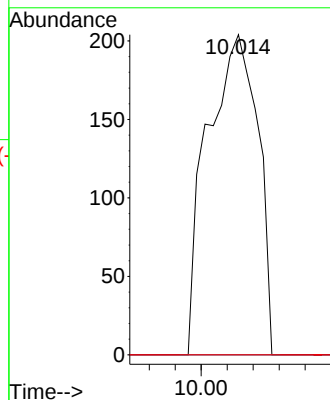
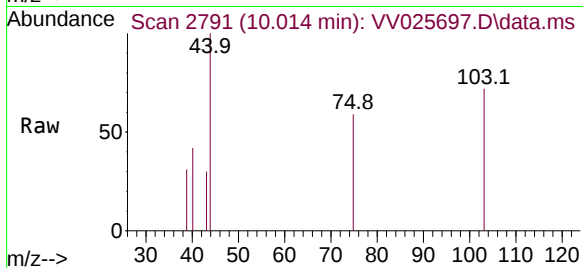
Tgt Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

110 0.0 34.7 52.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.046 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.386 min

Lab File: VV025697.D

Acq: 22 Apr 2022 21:46

Tgt Ion: 105 Resp: 748

Ion Ratio Lower Upper

105 100

120 58.6 39.6 59.4

