

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023697.D
 Acq On : 24 Nov 2021 13:53
 Operator : SY/MD
 Sample : M4723-20DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:53:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43614	3.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	36583	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.108	63	60821	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.912	46	60084	43.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.520%
24) Chloroform-d	4.349	84	84352	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.034	65	42261	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.050	84	166704	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.069	67	47281	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	150231	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	18822	4.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.091	63	66533	49.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34172	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	61754	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	289	0.042	ug/L	82
12) 1,1-Dichloroethene	2.108	96	639	0.069	ug/L #	1
15) Methyl Acetate	2.429	43	1057	0.377	ug/L #	50
16) Methylene chloride	2.506	84	4920	0.370	ug/L	96
27) 1,2-Dichloroethane	5.095	62	2746	0.260	ug/L #	73
30) Cyclohexane	4.680	56	27693	1.948	ug/L	100
33) Benzene	5.098	78	306570	8.249	ug/L	100
35) Methylcyclohexane	6.130	83	16920	1.090	ug/L	92
39) cis-1,3-Dichloropropene	6.989	75	1402	0.112	ug/L #	63
42) Toluene	7.394	91	22318	0.554	ug/L	100
45) 1,1,2-Trichloroethane	7.783	97	770	0.126	ug/L #	16
48) 2-Hexanone	8.146	43	3717	1.193	ug/L #	82
52) Ethylbenzene	9.014	91	90878	2.157	ug/L	99
53) m,p-xylene	9.143	106	11462	0.684	ug/L	98
54) o-xylene	9.554	106	1882	0.118	ug/L	98
60) Isopropylbenzene	9.934	105	10136	0.264	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	6917	1.517	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.542	105	3657	0.114	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	2021	0.064	ug/L	95

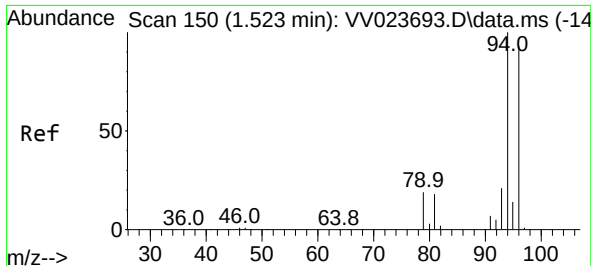
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023697.D
Acq On : 24 Nov 2021 13:53
Operator : SY/MD
Sample : M4723-20DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 26 01:53:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration

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

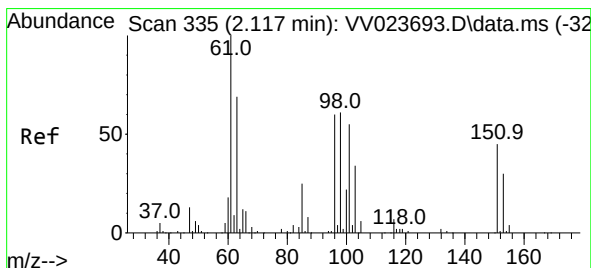
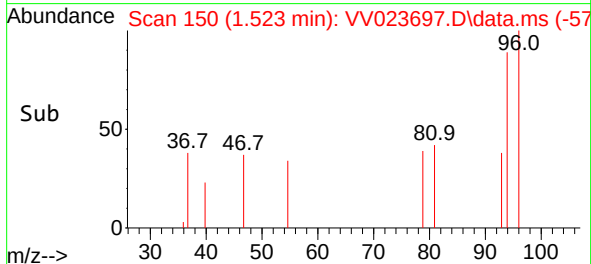
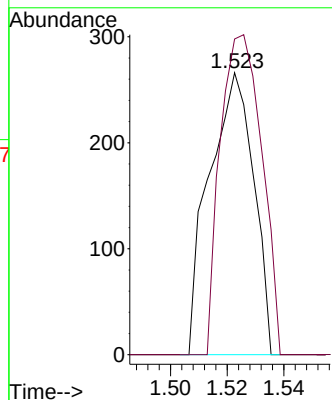
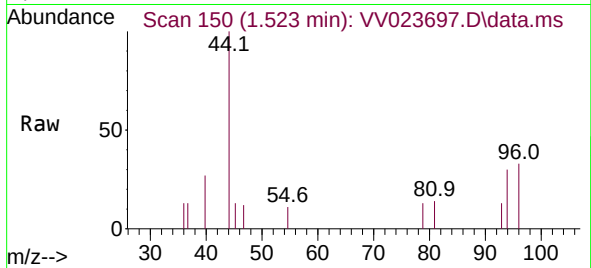
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

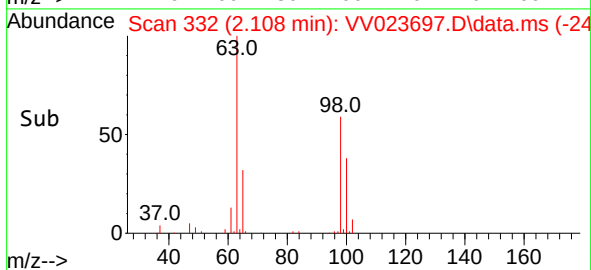
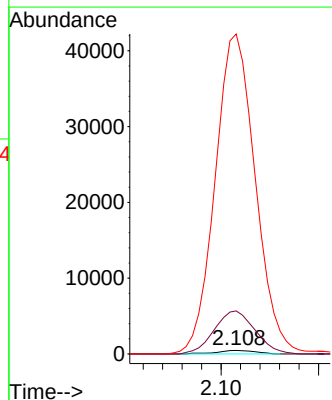
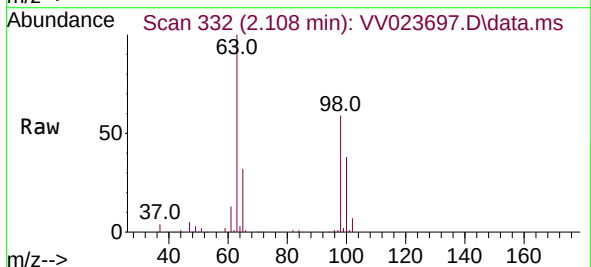
Instrument :
MSVOA_V
ClientSampleId :

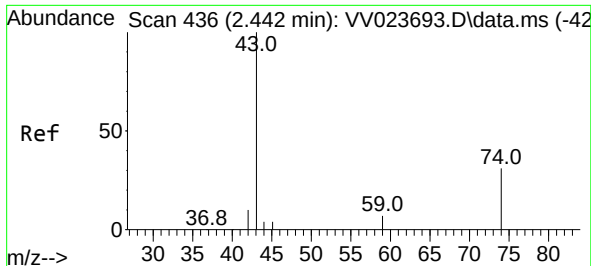
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 112.0 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

Tgt Ion: 96 Resp: 639
Ion Ratio Lower Upper
96 100
61 1212.4 116.1 215.5#
63 9022.2 79.4 147.4#

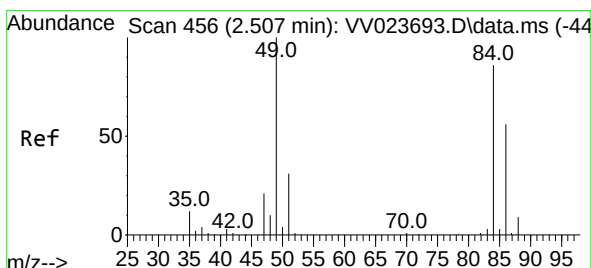
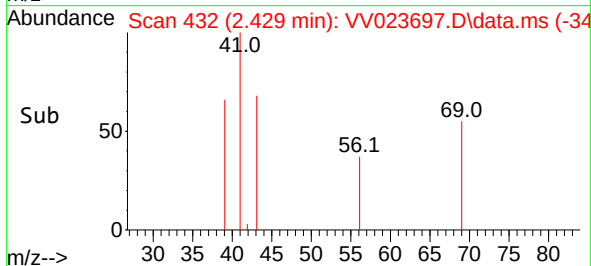
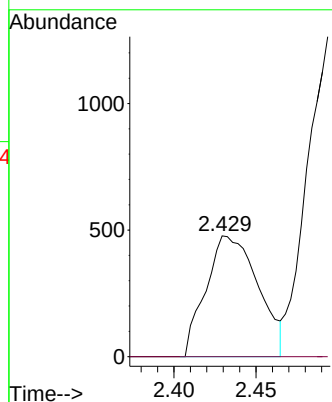
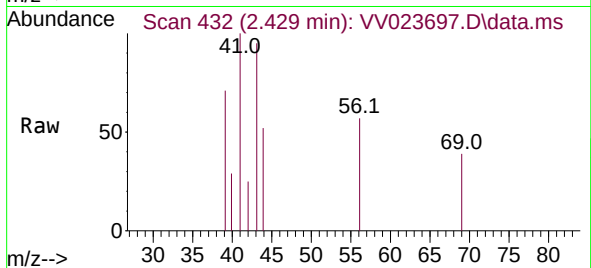




#15
Methyl Acetate
Concen: 0.377 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

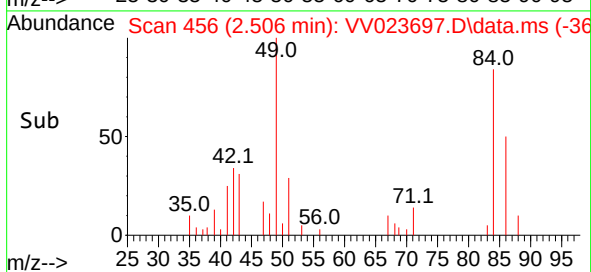
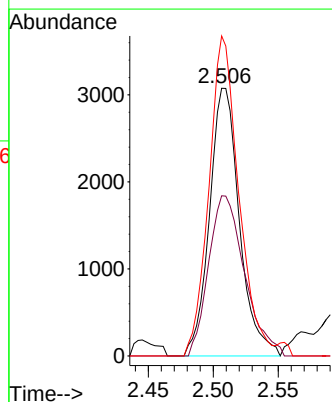
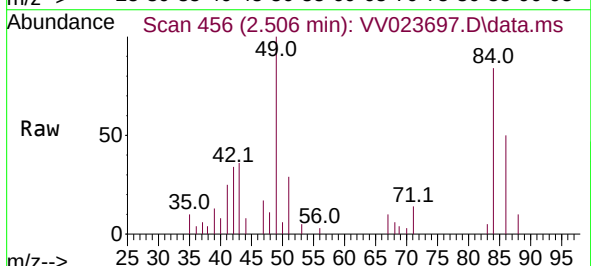
Instrument :
MSVOA_V
ClientSampleId :

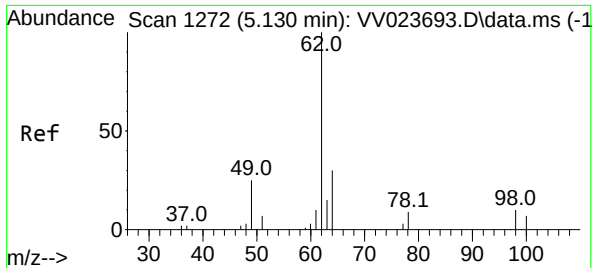
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 0.370 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

Tgt Ion: 84 Resp: 4920
Ion Ratio Lower Upper
84 100
86 59.9 42.6 79.0
49 119.5 79.7 147.9





#27

1,2-Dichloroethane

Concen: 0.260 ug/L

RT: 5.095 min Scan# 1126

Delta R.T. -0.035 min

Lab File: VV023697.D

Acq: 24 Nov 2021 13:53

Instrument :

MSVOA_V

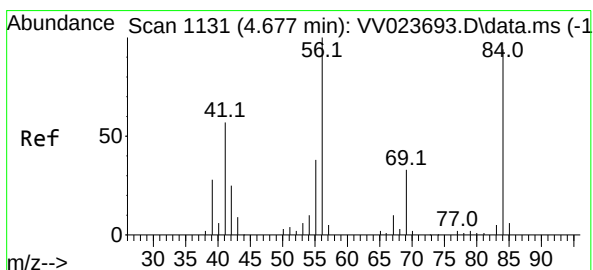
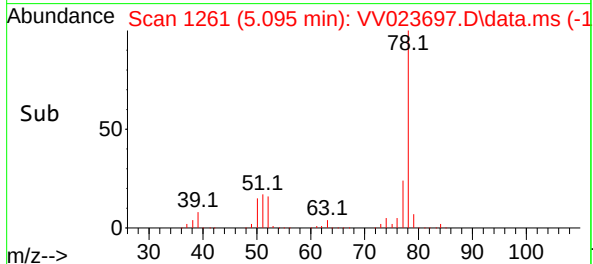
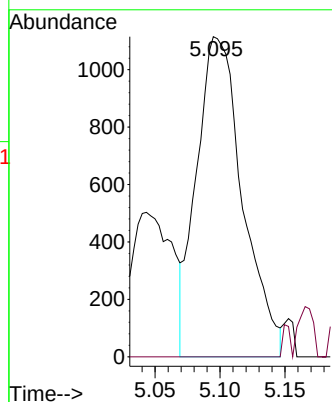
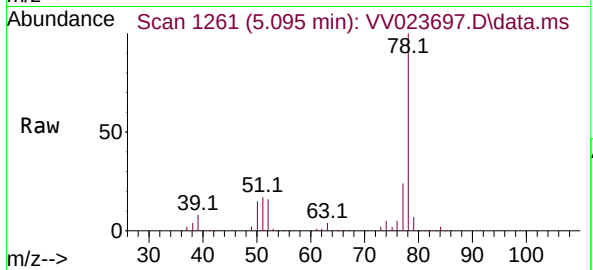
ClientSampleId :

Tgt Ion: 62 Resp: 2746

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#30

Cyclohexane

Concen: 1.948 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023697.D

Acq: 24 Nov 2021 13:53

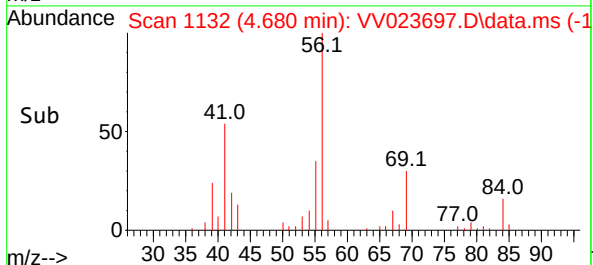
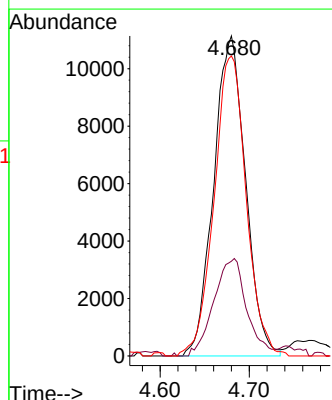
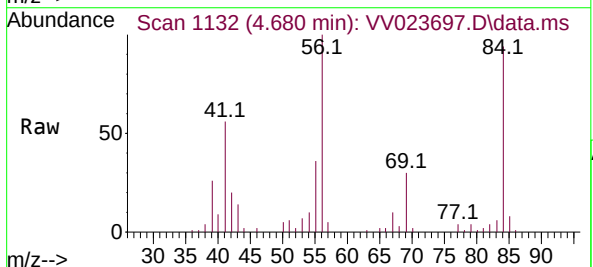
Tgt Ion: 56 Resp: 27693

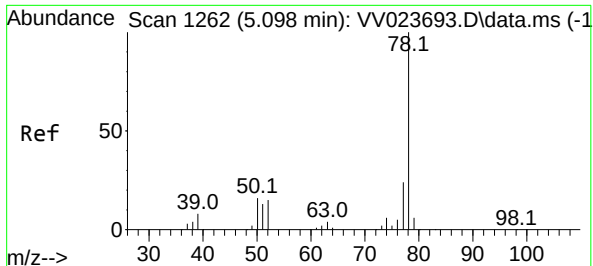
Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 94.5 75.9 113.9

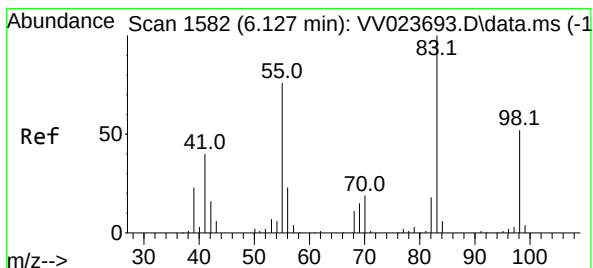
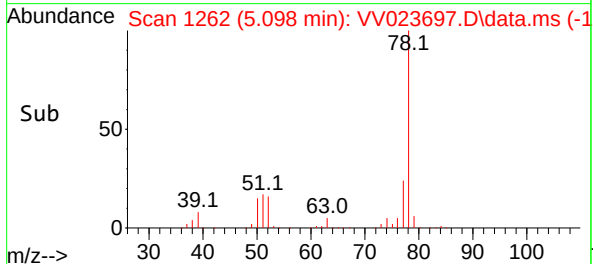
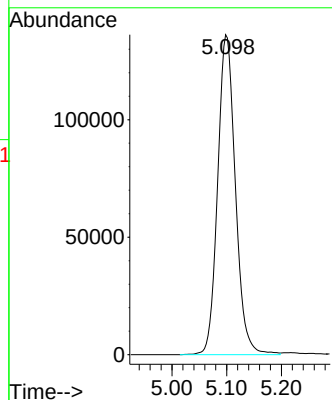
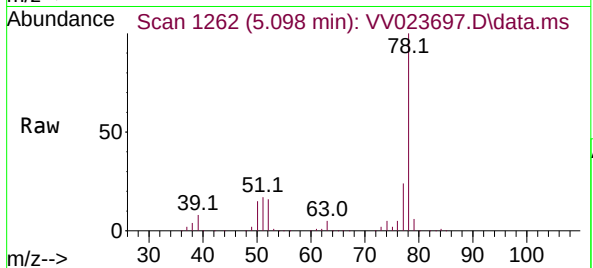




#33
Benzene
Concen: 8.249 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

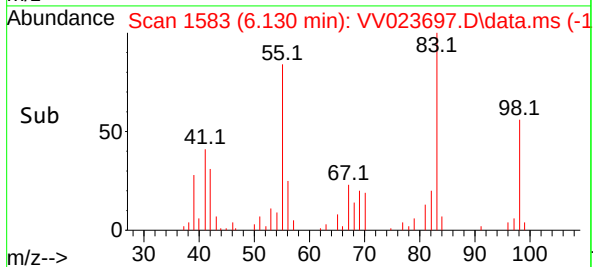
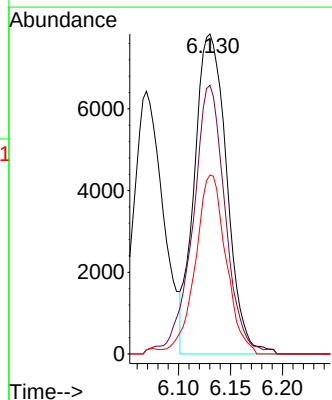
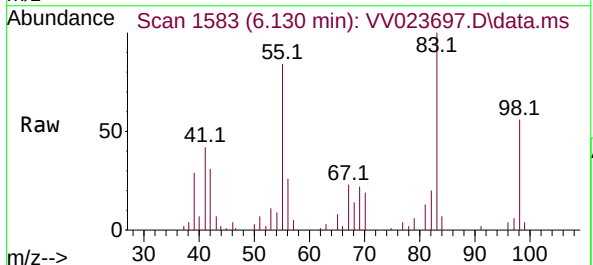
Instrument :
MSVOA_V
ClientSampleId :

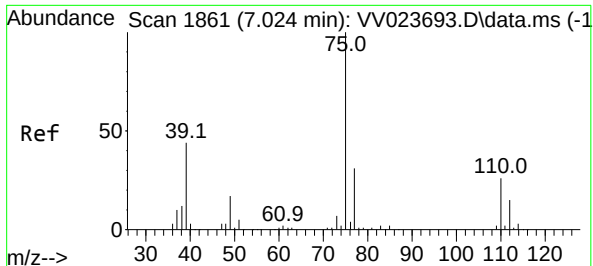
Tgt Ion: 78 Resp: 306570



#35
Methylcyclohexane
Concen: 1.090 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

Tgt Ion: 83 Resp: 16920
Ion Ratio Lower Upper
83 100
55 84.7 60.2 90.2
98 53.3 41.0 61.4





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023697.D

Acq: 24 Nov 2021 13:53

Instrument :

MSVOA_V

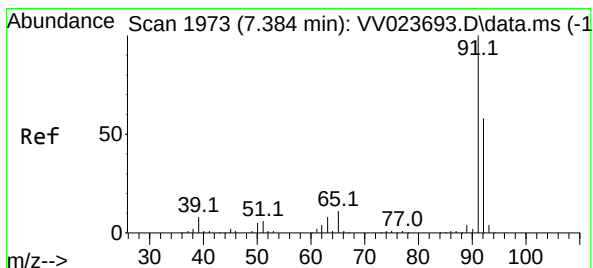
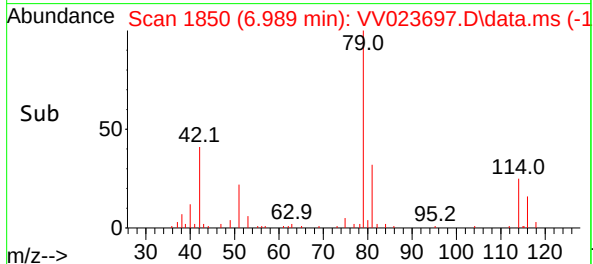
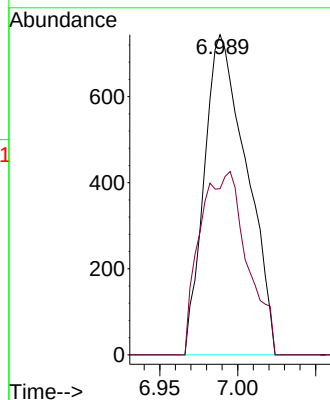
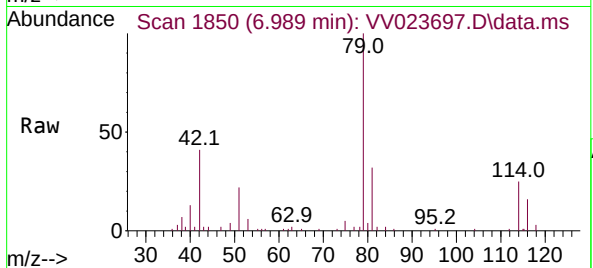
ClientSampleId :

Tgt Ion: 75 Resp: 1402

Ion Ratio Lower Upper

75 100

77 51.9 22.0 41.0#



#42

Toluene

Concen: 0.554 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023697.D

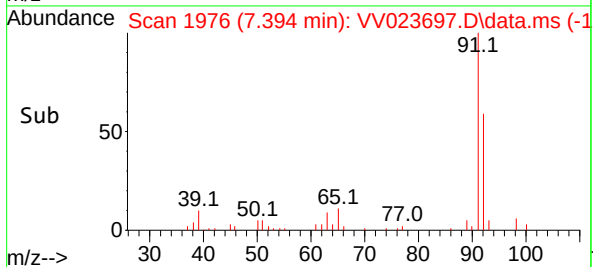
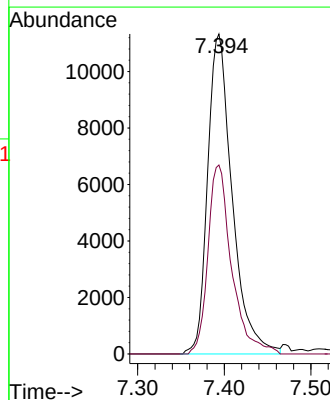
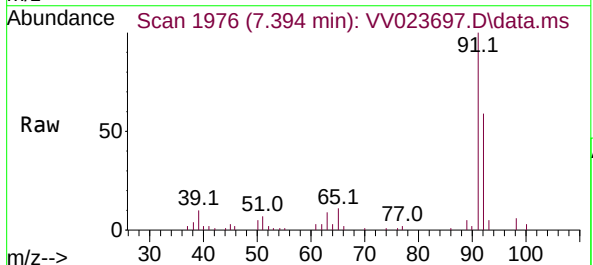
Acq: 24 Nov 2021 13:53

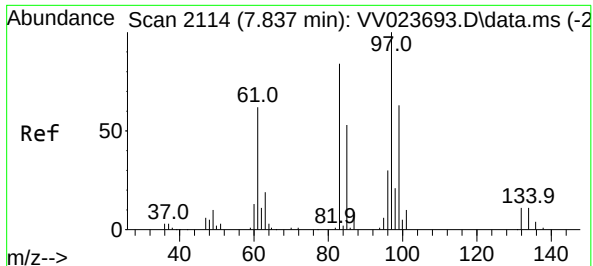
Tgt Ion: 91 Resp: 22318

Ion Ratio Lower Upper

91 100

92 59.0 41.5 77.1





#45

1,1,2-Trichloroethane

Concen: 0.126 ug/L

RT: 7.783 min Scan# 2114

Delta R.T. -0.055 min

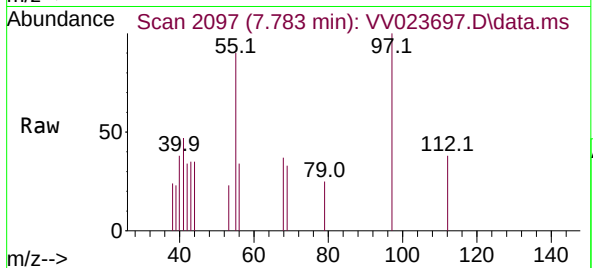
Lab File: VV023697.D

Acq: 24 Nov 2021 13:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 770

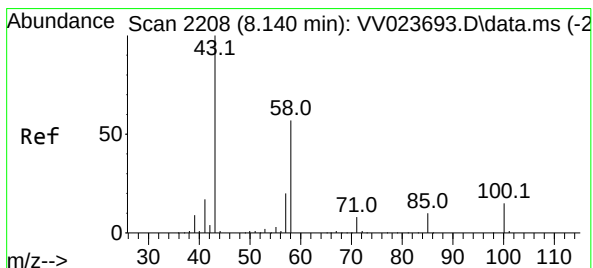
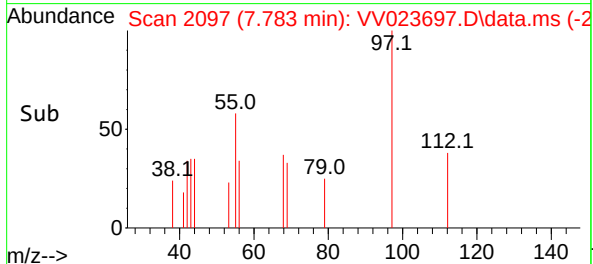
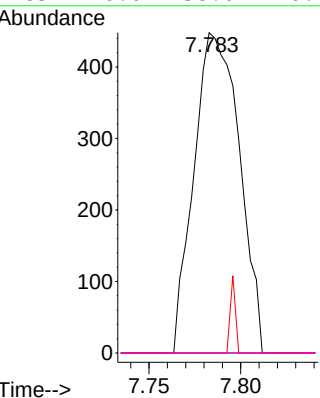
Ion Ratio Lower Upper

97 100

99 0.0 43.1 80.1#

83 0.0 57.9 107.5#

85 0.0 38.0 70.6#



#48

2-Hexanone

Concen: 1.193 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023697.D

Acq: 24 Nov 2021 13:53

Tgt Ion: 43 Resp: 3717

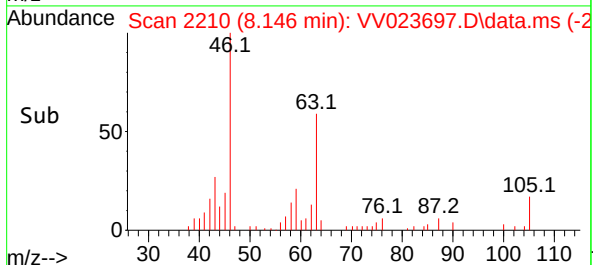
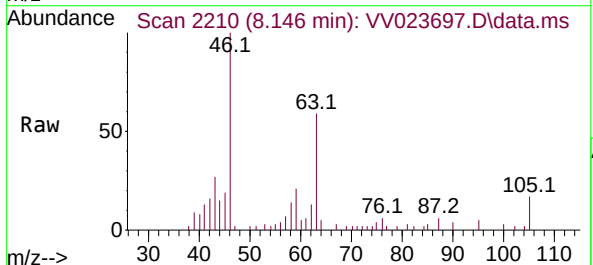
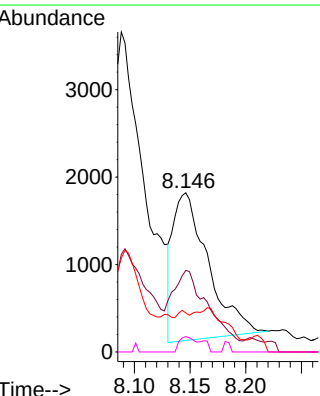
Ion Ratio Lower Upper

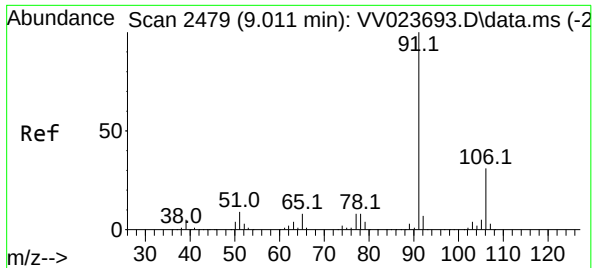
43 100

58 48.8 44.5 66.7

57 0.0 15.1 22.7#

100 6.4 10.7 16.1#

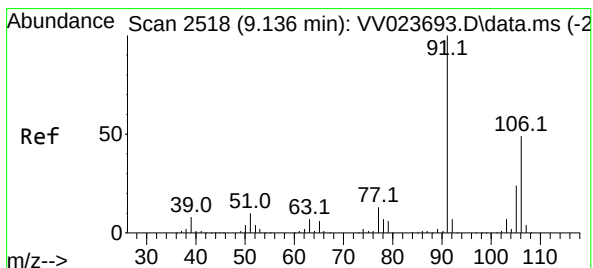
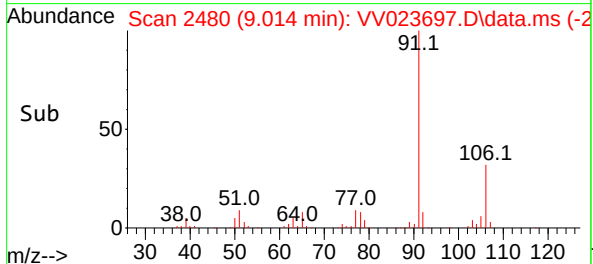
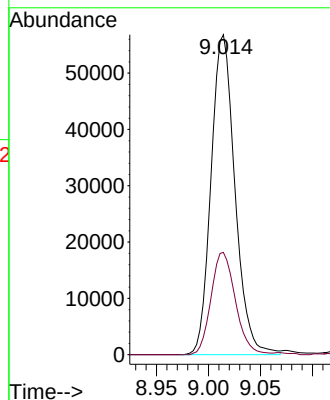
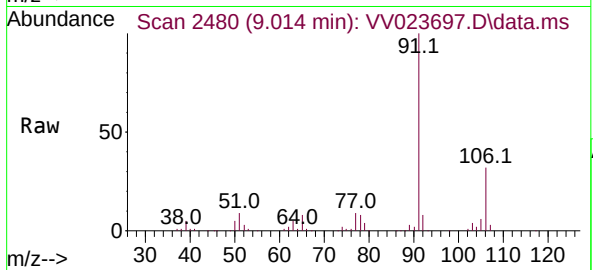




#52
Ethylbenzene
Concen: 2.157 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

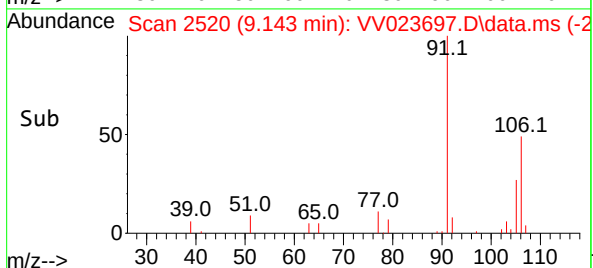
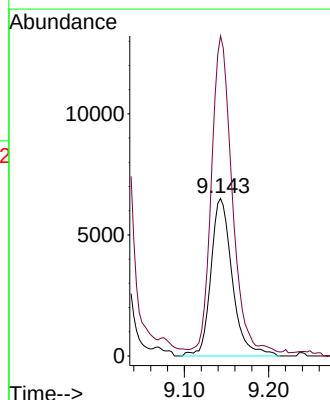
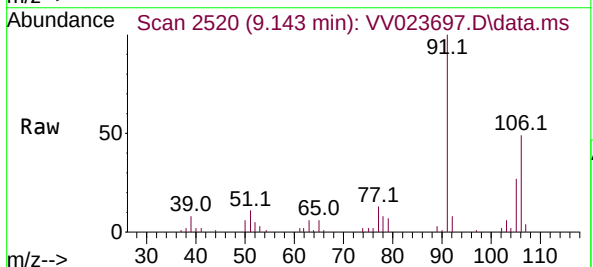
Instrument :
MSVOA_V
ClientSampleId :

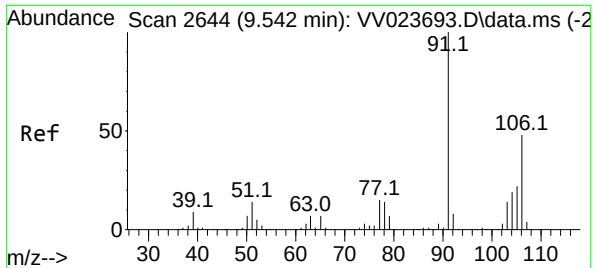
Tgt Ion: 91 Resp: 90878
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-xylene
Concen: 0.684 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

Tgt Ion:106 Resp: 11462
Ion Ratio Lower Upper
106 100
91 203.0 139.5 259.1

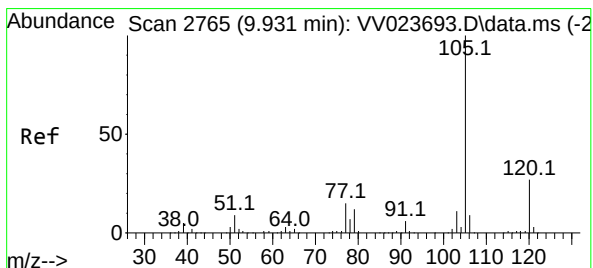
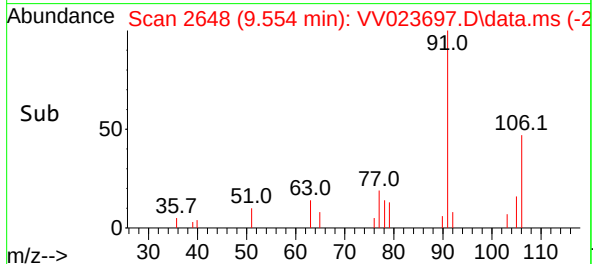
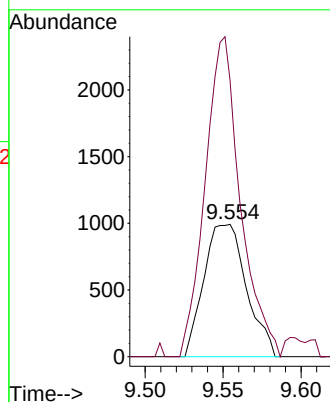
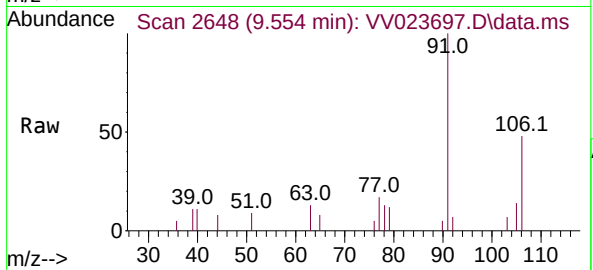




#54
o-xylene
Concen: 0.118 ug/L
RT: 9.554 min Scan# 20
Delta R.T. 0.013 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

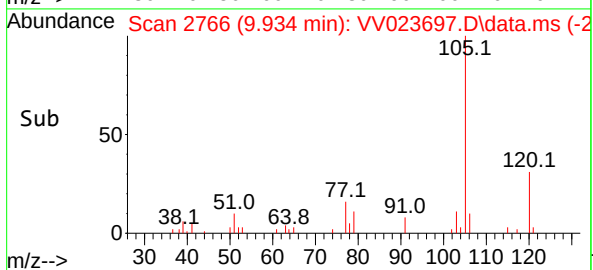
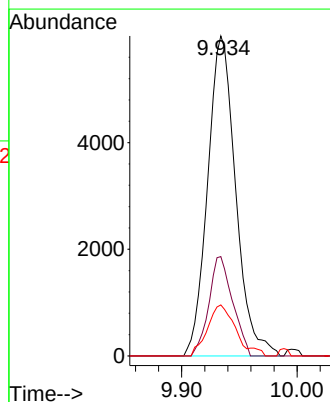
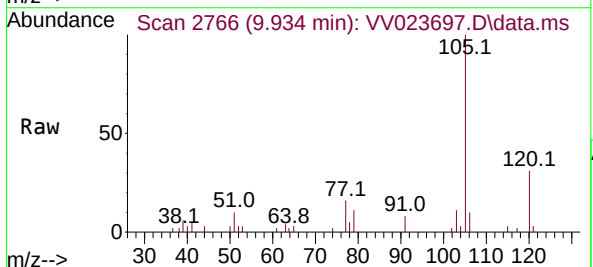
Instrument :
MSVOA_V
ClientSampleId :

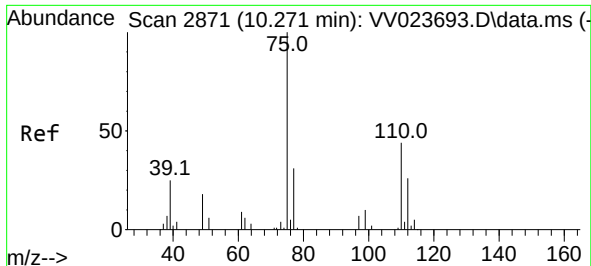
Tgt Ion:106 Resp: 1882
Ion Ratio Lower Upper
106 100
91 208.3 147.9 274.7



#60
Isopropylbenzene
Concen: 0.264 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023697.D
Acq: 24 Nov 2021 13:53

Tgt Ion:105 Resp: 10136
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 16.0 12.2 18.4

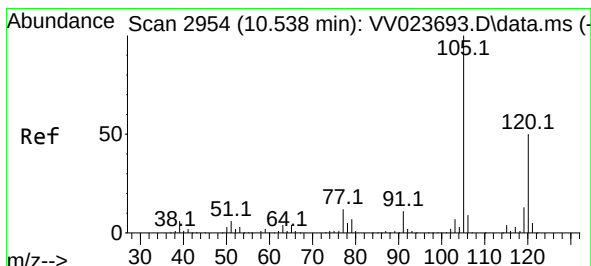
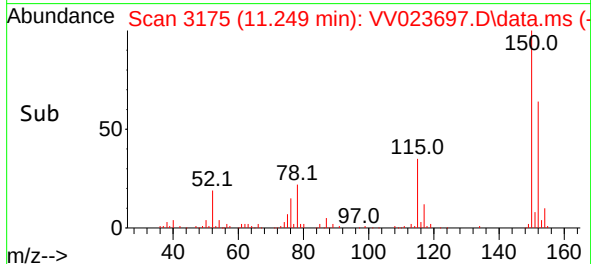
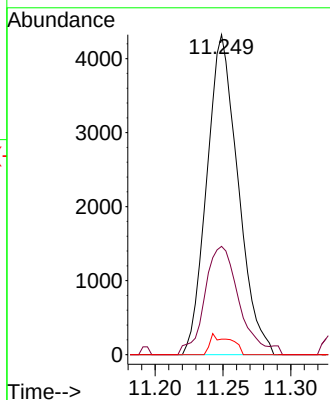
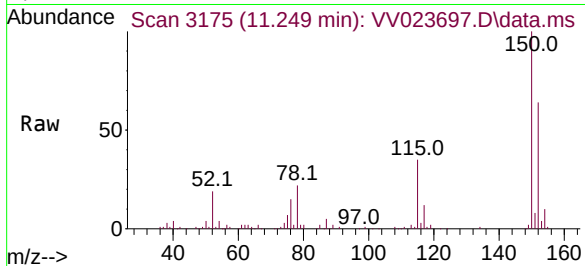




#61
 1,2,3-Trichloropropane
 Concen: 1.517 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV023697.D
 Acq: 24 Nov 2021 13:53

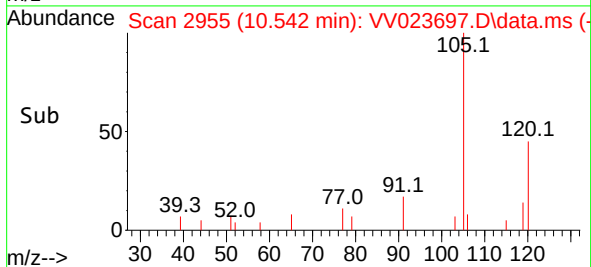
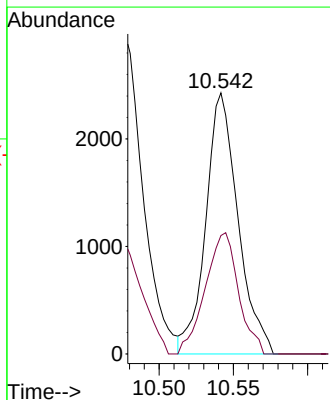
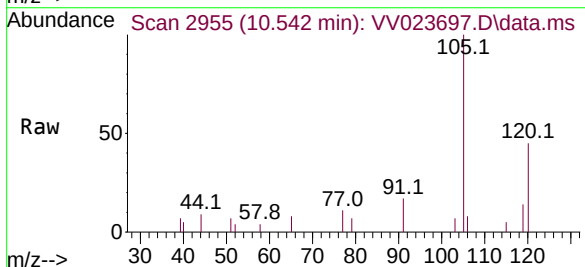
Instrument :
 MSVOA_V
 ClientSampleId :

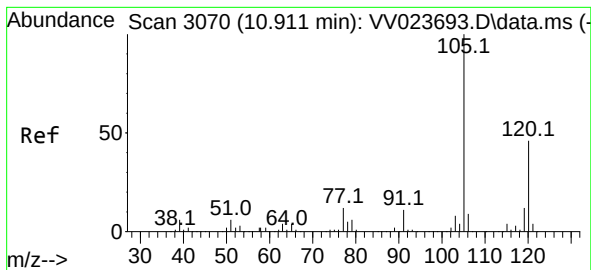
Tgt Ion: 75 Resp: 6917
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.4 39.6
 110 4.2 34.2 51.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.114 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023697.D
 Acq: 24 Nov 2021 13:53

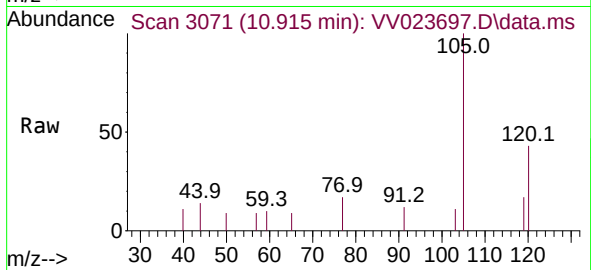
Tgt Ion: 105 Resp: 3657
 Ion Ratio Lower Upper
 105 100
 120 48.0 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.064 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV023697.D
 Acq: 24 Nov 2021 13:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 2021
 Ion Ratio Lower Upper
 105 100
 120 49.2 36.7 55.1

