

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028696.D
 Acq On : 26 Oct 2022 15:35
 Operator : SY/MD
 Sample : N5216-16DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	169194	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	158775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	72530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49727	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.564	69	49031	4.928	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.105	63	76913	3.379	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.896	46	158105	58.925	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.840%
24) Chloroform-d	4.346	84	95041	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.031	65	52037	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	187695	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.066	67	66536	4.950	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.313	98	149888	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.622	79	15688	3.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	101509	52.221	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47246	5.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	51687	5.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	952	0.071	ug/L #	69
6) Bromomethane	1.526	94	274	0.043	ug/L	99
8) Chloroethane	1.584	64	3949	0.439	ug/L	88
16) Methylene chloride	2.506	84	8425	0.657	ug/L	89
25) Chloroform	4.378	83	3452	0.157	ug/L	89
30) Cyclohexane	4.674	56	1135	0.057	ug/L #	69
33) Benzene	5.095	78	312301	6.581	ug/L	100
44) trans-1,3-Dichloropropene	7.616	75	934	0.079	ug/L	92
51) Chlorobenzene	8.876	112	318878	11.255	ug/L	98
52) Ethylbenzene	9.014	91	2203	0.044	ug/L	85
53) m,p-Xylene	9.149	106	1994	0.110	ug/L	89
54) o-Xylene	9.542	106	3766	0.207	ug/L	76
60) Isopropylbenzene	9.927	105	32775	0.718	ug/L #	82
61) 1,2,3-Trichloropropane	11.242	75	13061	2.097	ug/L #	43
62) 1,3,5-Trimethylbenzene	11.333	105	7295	0.548	ug/L	90
63) 1,2,4-Trimethylbenzene	11.333	105	7295	0.198	ug/L	93

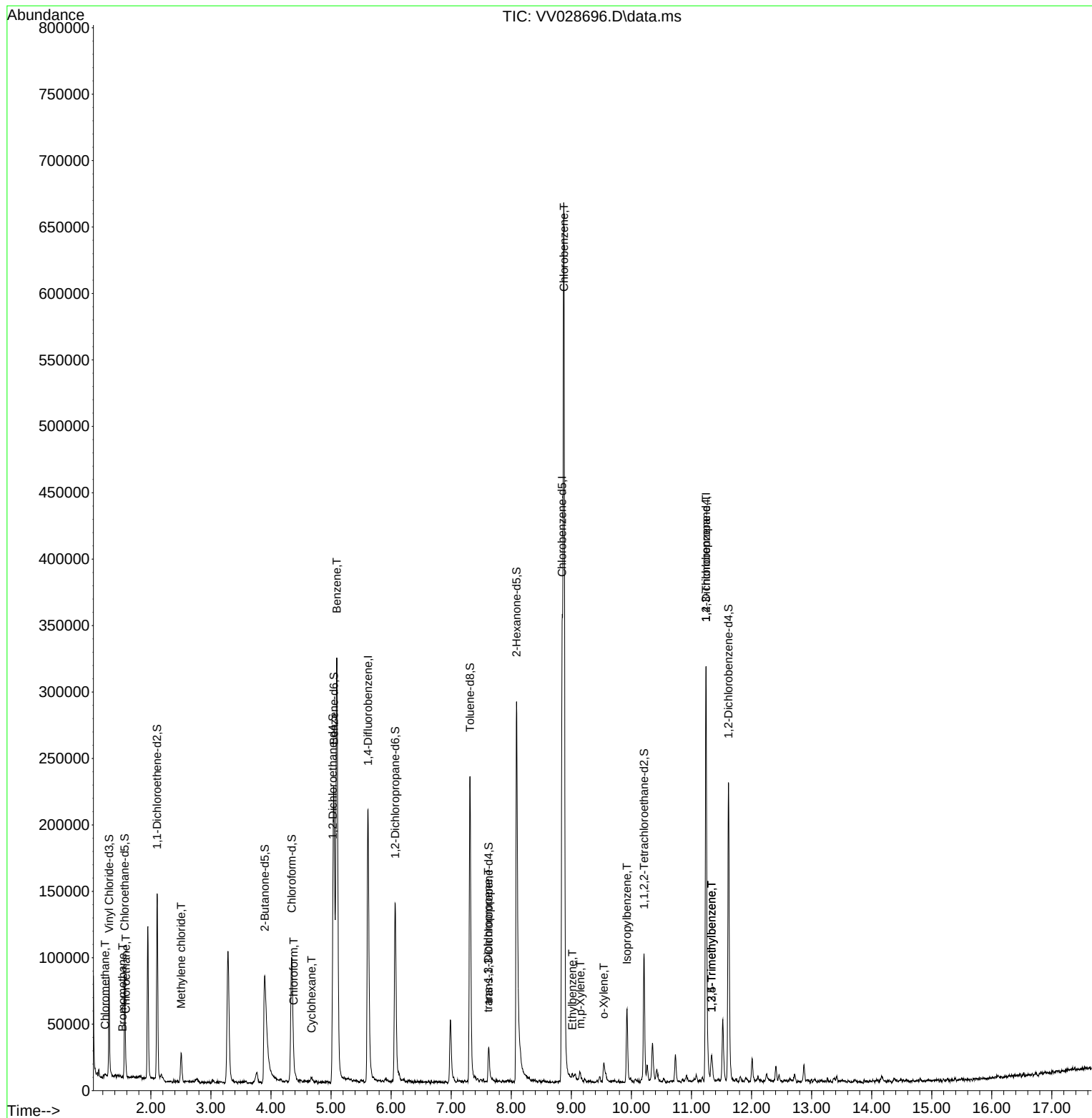
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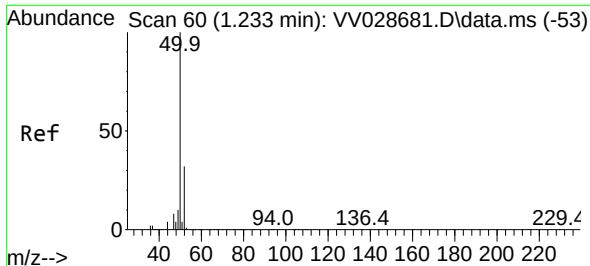
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028696.D
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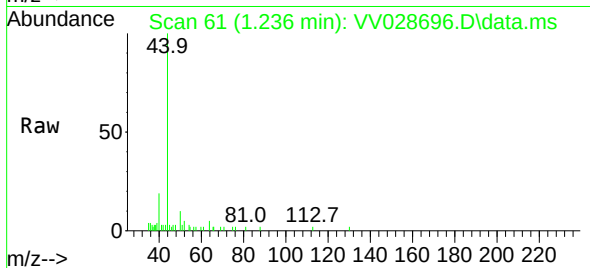
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration



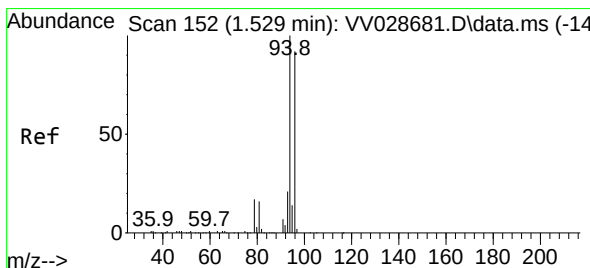
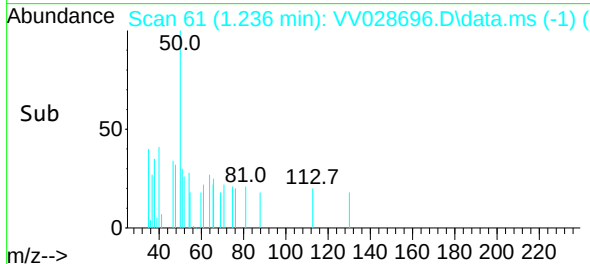
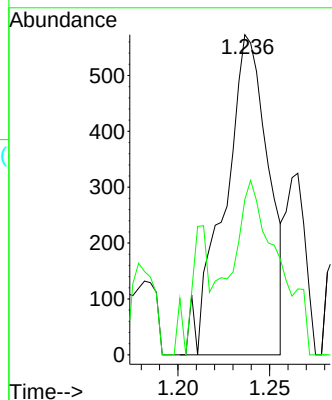


#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :

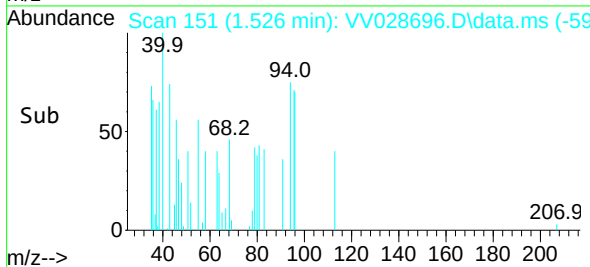
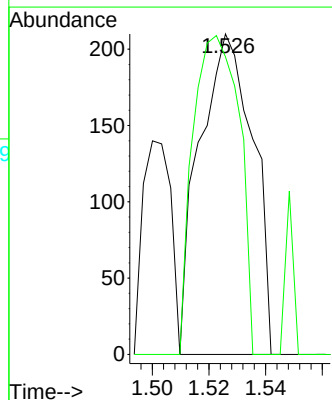
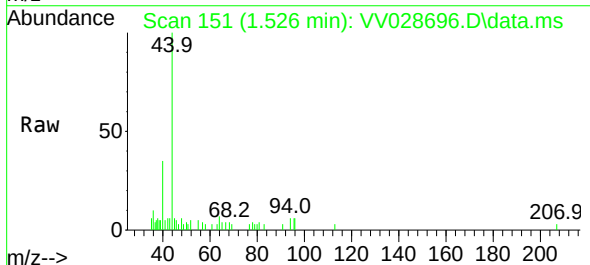


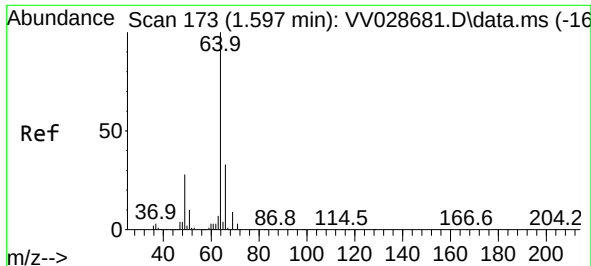
Tgt Ion: 50 Resp: 952
Ion Ratio Lower Upper
50 100
52 48.5 21.8 40.6#



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.526 min Scan# 151
Delta R.T. -0.003 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

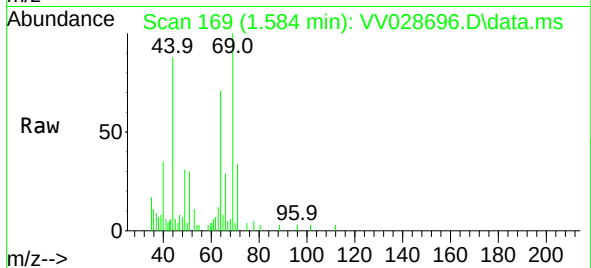
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 92.9 64.3 119.3



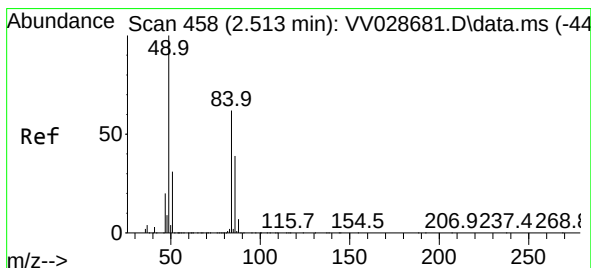
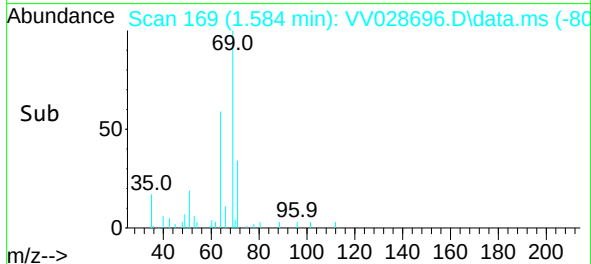
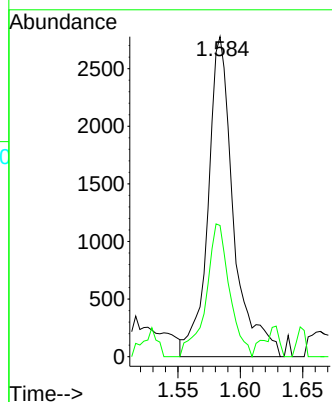


#8
Chloroethane
Concen: 0.439 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :

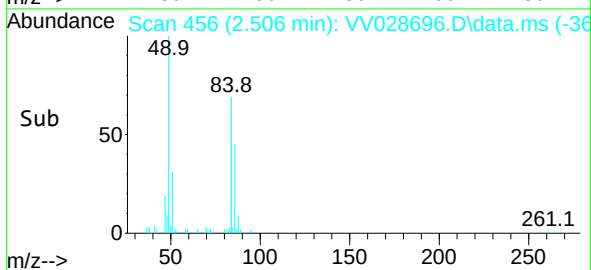
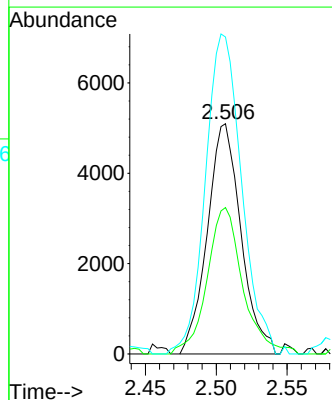
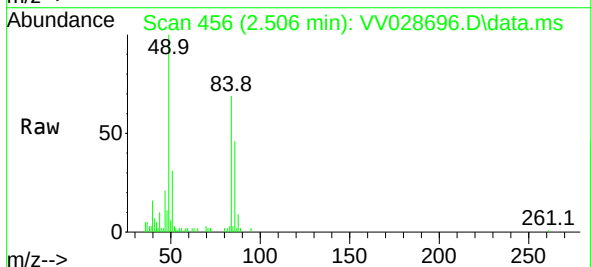


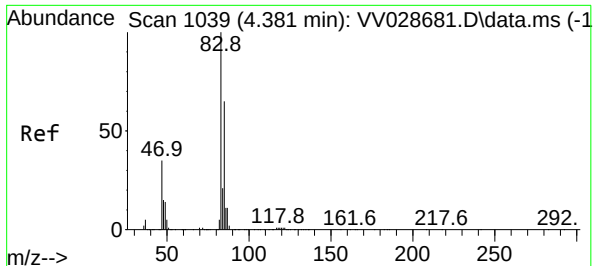
Tgt Ion: 64 Resp: 3949
Ion Ratio Lower Upper
64 100
66 41.0 23.9 44.5



#16
Methylene chloride
Concen: 0.657 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.007 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 84 Resp: 8425
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.4
49 137.7 110.8 205.8





#25

Chloroform

Concen: 0.157 ug/L

RT: 4.378 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV028696.D

Acq: 26 Oct 2022 15:35

Instrument :

MSVOA_V

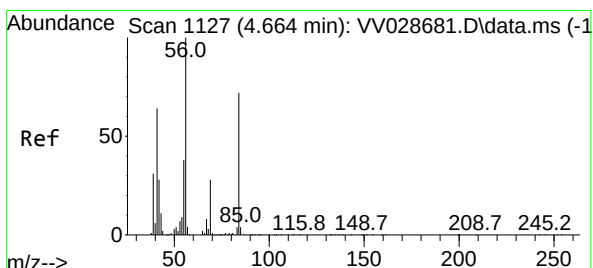
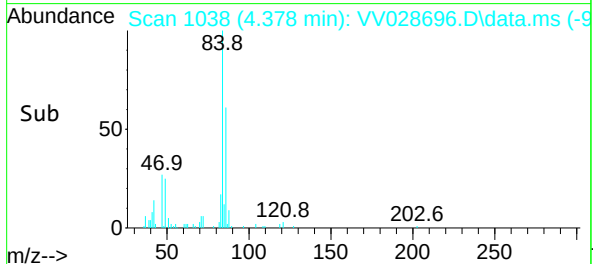
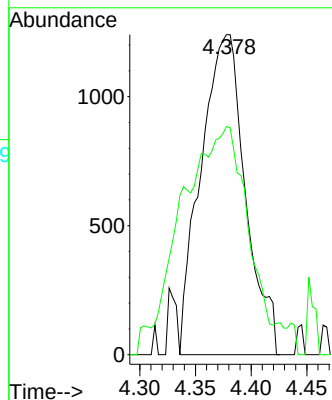
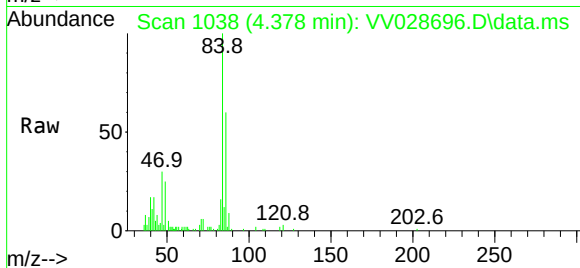
ClientSampleId :

Tgt Ion: 83 Resp: 3452

Ion Ratio Lower Upper

83 100

85 71.3 44.1 81.9



#30

Cyclohexane

Concen: 0.057 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.010 min

Lab File: VV028696.D

Acq: 26 Oct 2022 15:35

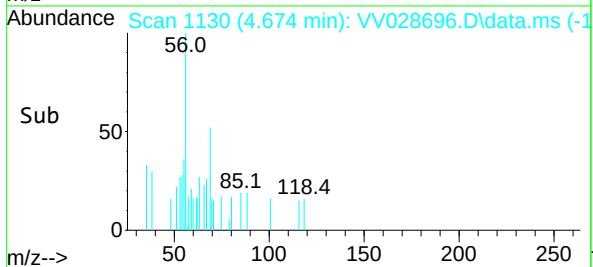
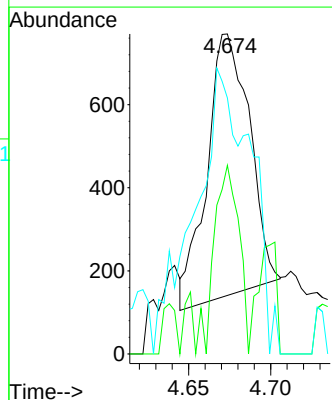
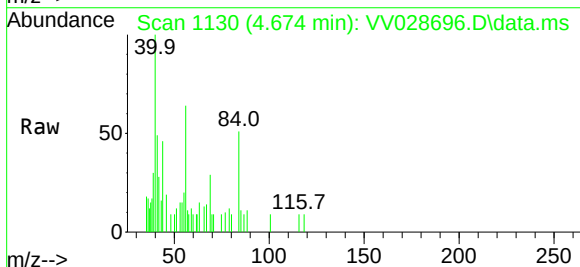
Tgt Ion: 56 Resp: 1135

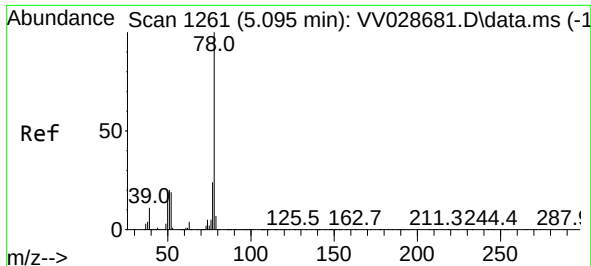
Ion Ratio Lower Upper

56 100

69 42.0 22.6 34.0#

84 103.6 60.4 90.6#

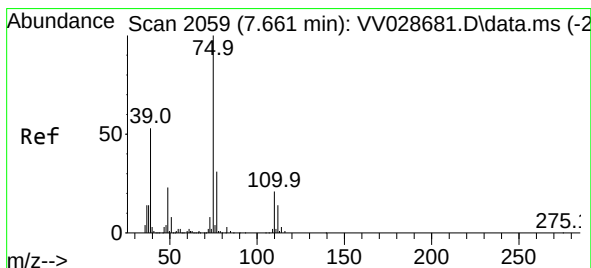
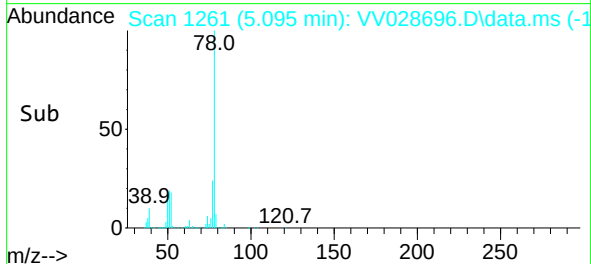
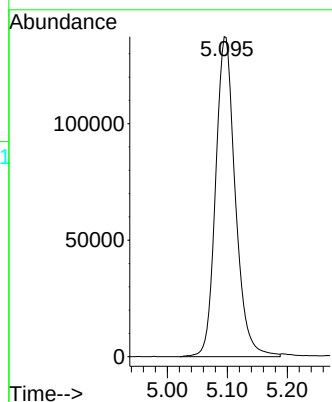
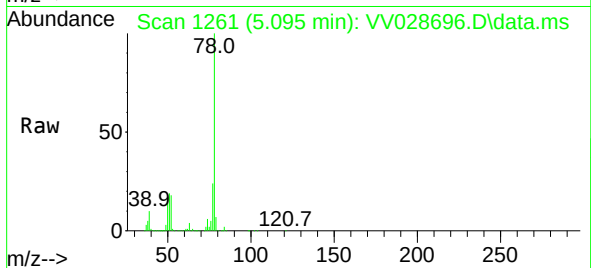




#33
Benzene
Concen: 6.581 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

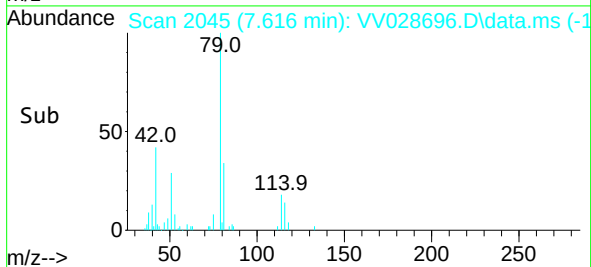
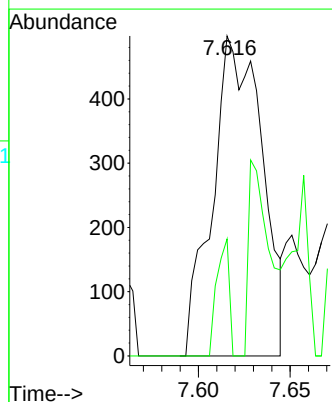
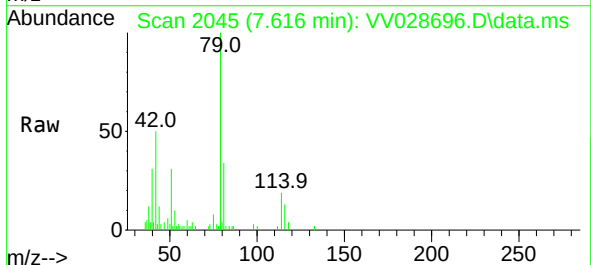
Instrument :
MSVOA_V
ClientSampleId :

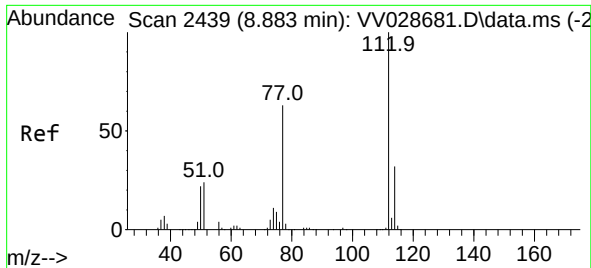
Tgt Ion: 78 Resp: 312301



#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.045 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 75 Resp: 934
Ion Ratio Lower Upper
75 100
77 36.5 22.6 42.0

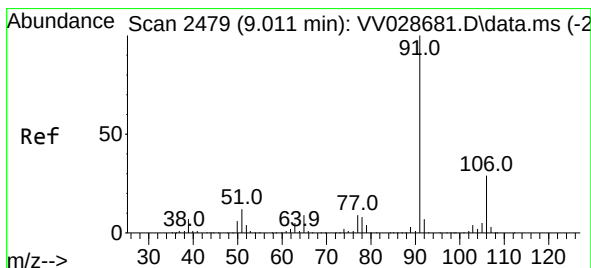
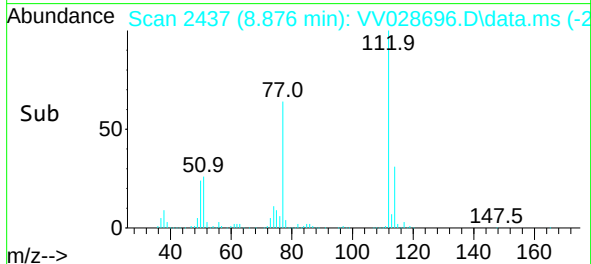
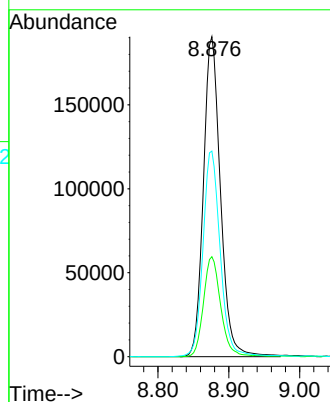
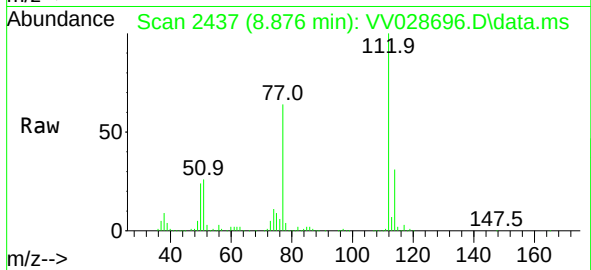




#51
Chlorobenzene
Concen: 11.255 ug/L
RT: 8.876 min Scan# 2439
Delta R.T. -0.007 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

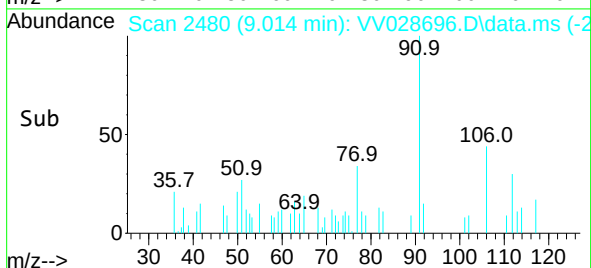
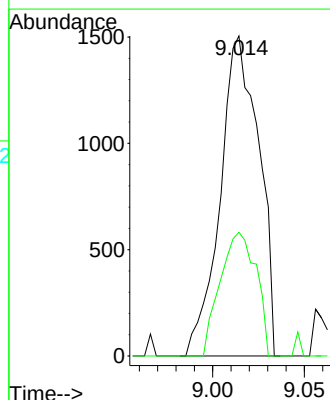
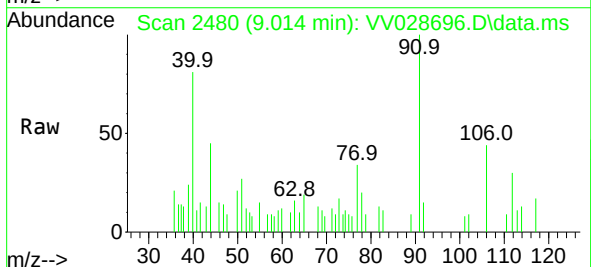
Instrument :
MSVOA_V
ClientSampleId :

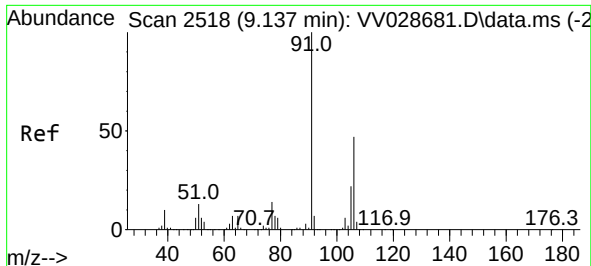
Tgt Ion:112 Resp: 318878
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 64.3 50.0 75.0



#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 91 Resp: 2203
Ion Ratio Lower Upper
91 100
106 38.7 21.3 39.6

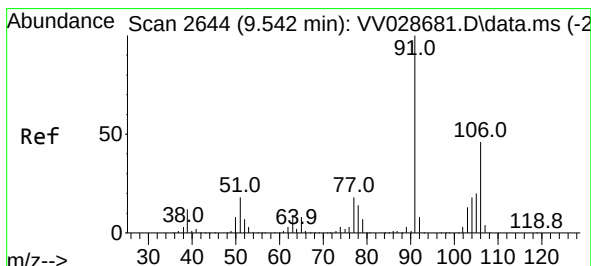
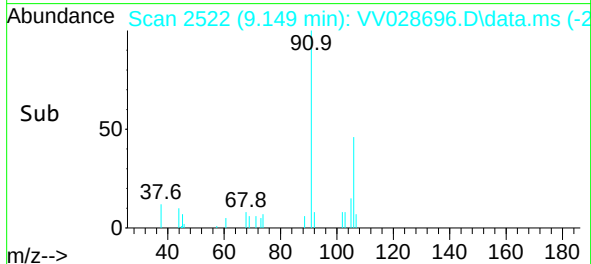
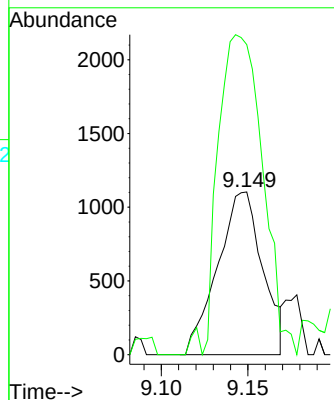
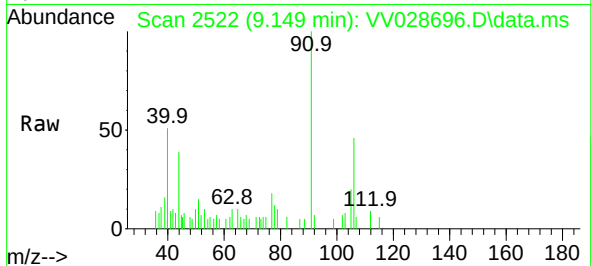




#53
m,p-Xylene
Concen: 0.110 ug/L
RT: 9.149 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

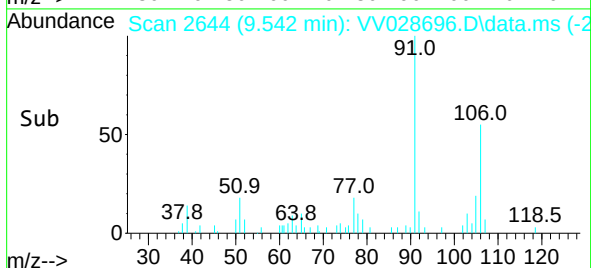
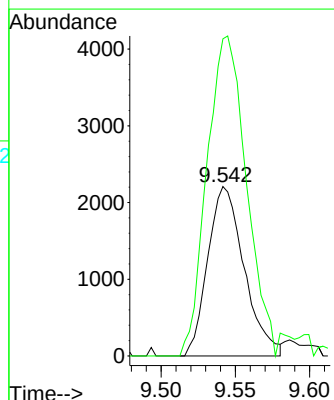
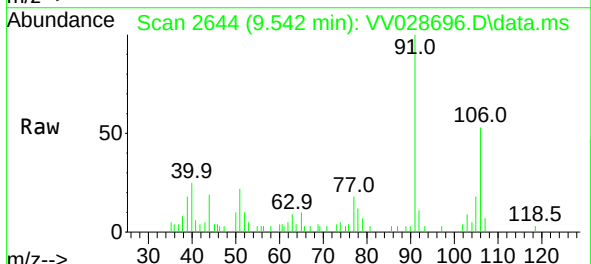
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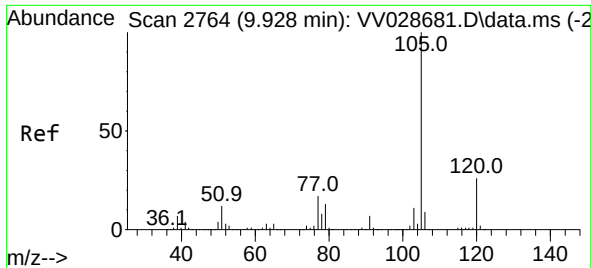
Tgt Ion:106 Resp: 1994
Ion Ratio Lower Upper
106 100
91 190.5 145.5 270.1



#54
o-Xylene
Concen: 0.207 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

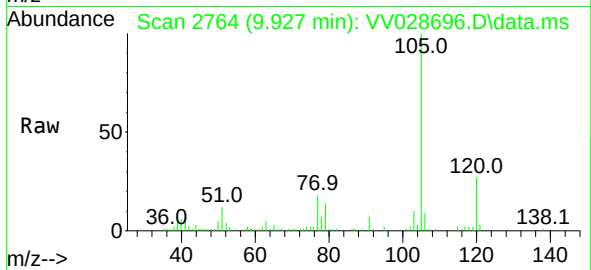
Tgt Ion:106 Resp: 3766
Ion Ratio Lower Upper
106 100
91 187.1 159.0 295.4



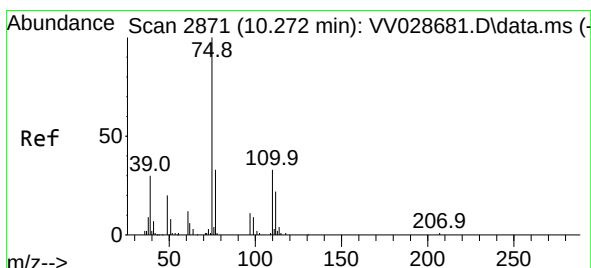
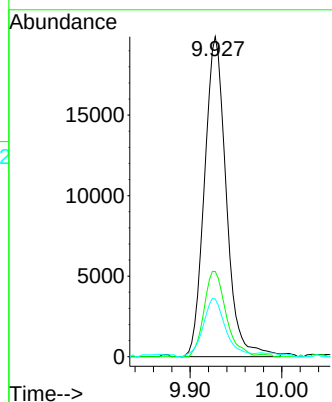
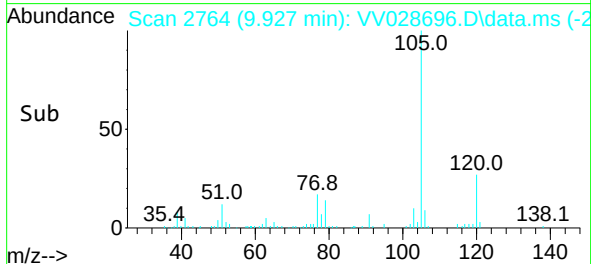


#60
Isopropylbenzene
Concen: 0.718 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35

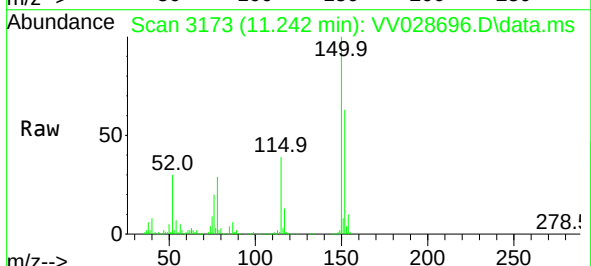
Instrument :
MSVOA_V
ClientSampleId :



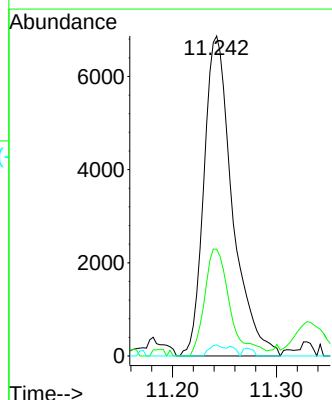
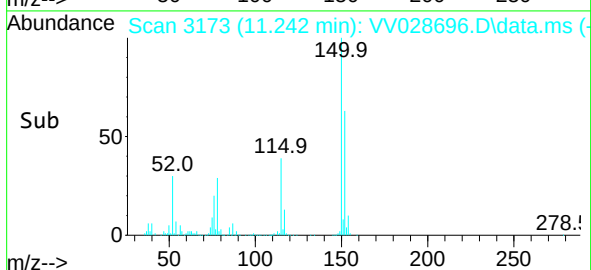
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Ion Ratio Lower Upper
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120 27.0 20.1 30.1
77 0.0 13.4 20.0#

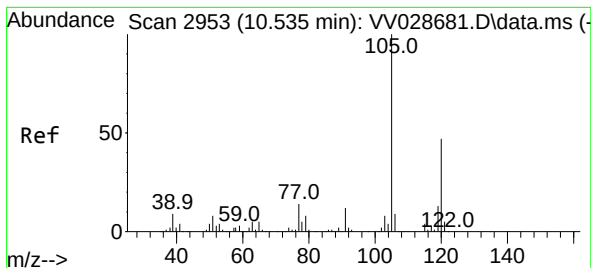


#61
1,2,3-Trichloropropane
Concen: 2.097 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.971 min
Lab File: VV028696.D
Acq: 26 Oct 2022 15:35



Tgt Ion: 75 Resp: 13061
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
110 1.9 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.548 ug/L

RT: 11.333 min Scan# 3201

Delta R.T. 0.797 min

Lab File: VV028696.D

Acq: 26 Oct 2022 15:35

Instrument :

MSVOA_V

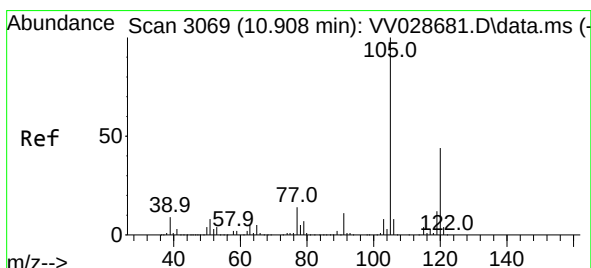
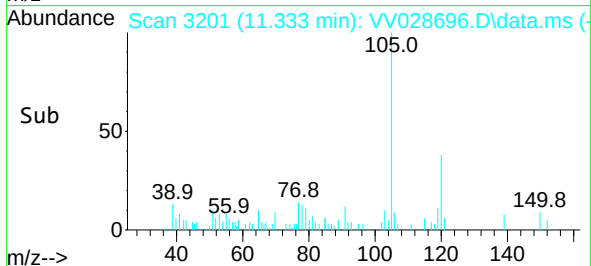
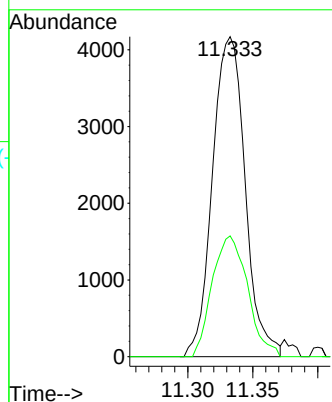
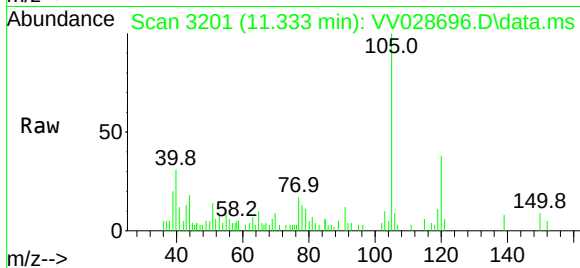
ClientSampleId :

Tgt Ion:105 Resp: 7295

Ion Ratio Lower Upper

105 100

120 40.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.198 ug/L

RT: 11.333 min Scan# 3201

Delta R.T. 0.424 min

Lab File: VV028696.D

Acq: 26 Oct 2022 15:35

Tgt Ion:105 Resp: 7295

Ion Ratio Lower Upper

105 100

120 40.9 36.2 54.2

