

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027369.D
 Acq On : 13 Aug 2022 15:25
 Operator : SY/MD
 Sample : N4115-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:52:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	139290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49589	4.098	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.561	69	43723	4.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.400%	
11) 1,1-Dichloroethene-d2	2.101	63	67345	3.069	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.400%	
20) 2-Butanone-d5	3.883	46	203575	99.331	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	198.660%#	
24) Chloroform-d	4.339	84	126730	5.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.200%	
26) 1,2-Dichloroethane-d4	5.027	65	64654	6.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.200%	
32) Benzene-d6	5.043	84	204006	4.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.063	67	74200	5.341	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.310	98	155640	3.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.622	79	20883	4.340	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.085	63	164178	88.157	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	176.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	68917	6.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	137.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	72661	6.556	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	131.200%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	900	0.054	ug/L	96
5) Vinyl chloride	1.307	62	2915	0.189	ug/L #	1
6) Bromomethane	1.519	94	466	0.065	ug/L	90
8) Chloroethane	1.371	64	172252	20.061	ug/L #	51
14) Carbon disulfide	2.285	76	3064	0.076	ug/L #	93
18) trans-1,2-Dichloroethene	2.757	96	1173	0.095	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	16708	1.377	ug/L	94
25) Chloroform	4.358	83	3615	0.149	ug/L	94
34) Trichloroethene	5.918	95	4653	0.359	ug/L	96
35) Methylcyclohexane	6.130	83	1085	0.061	ug/L #	15
48) 2-Hexanone	8.085	43	21972	4.611	ug/L #	72
53) m,p-Xylene	9.140	106	1167	0.059	ug/L	78
54) o-Xylene	9.545	106	1850	0.095	ug/L	92
60) Isopropylbenzene	10.448	105	12622	0.312	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	7656	1.238	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.538	105	8443	0.755	ug/L	94
63) 1,2,4-Trimethylbenzene	10.914	105	10137	0.316	ug/L	98

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Instrument :
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ClientSampleId :

Quant Time: Aug 13 21:52:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
Response via : Initial Calibration

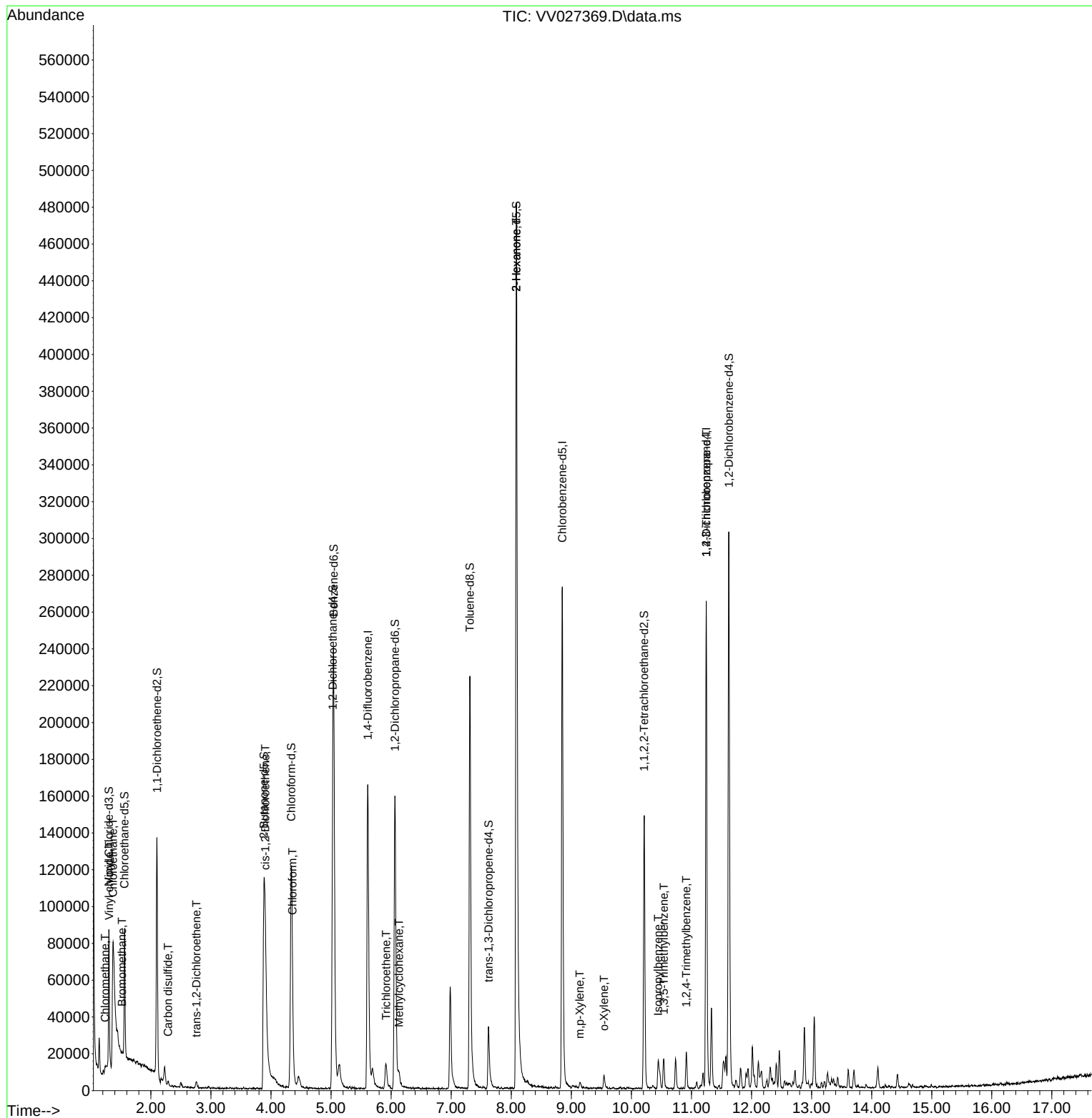
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

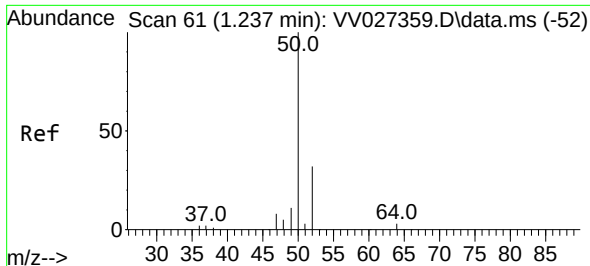
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Data File : VV027369.D
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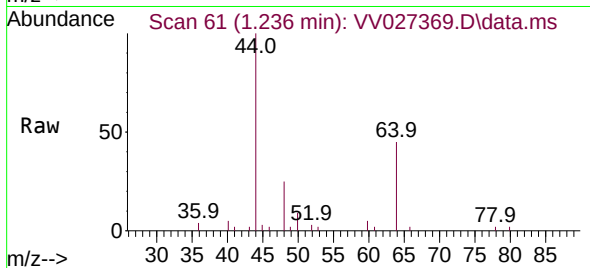
Quant Time: Aug 13 21:52:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
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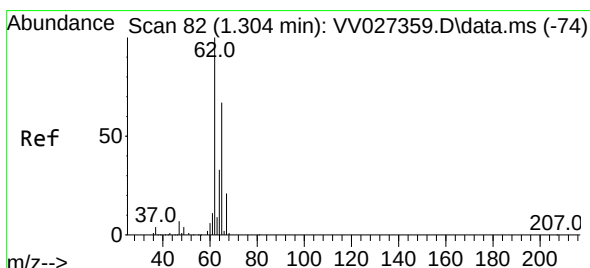
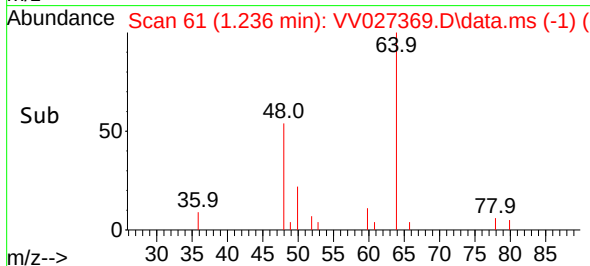
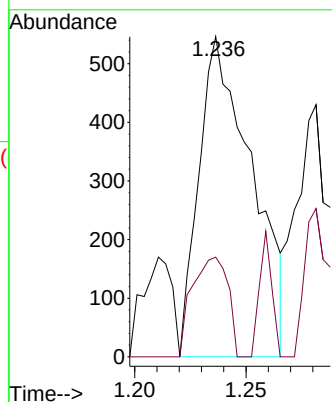


#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Instrument :
MSVOA_V
ClientSampleId :

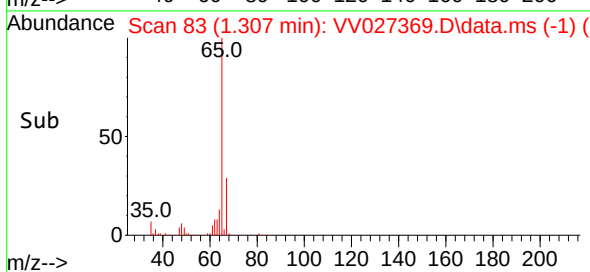
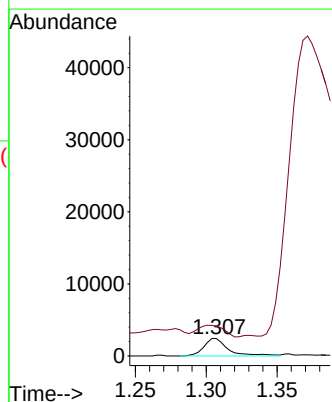
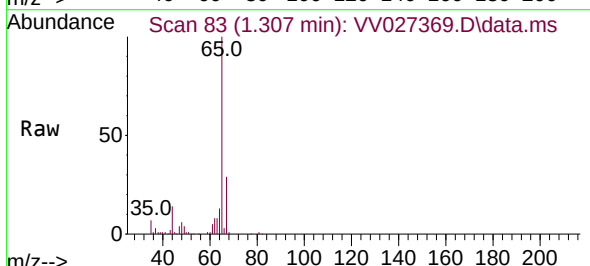


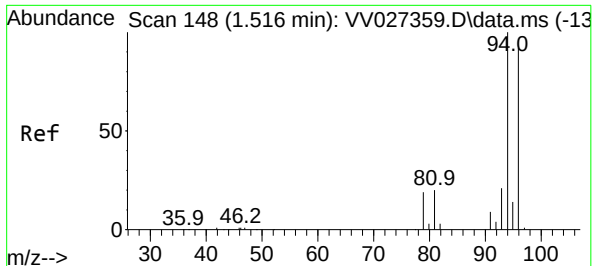
Tgt Ion: 50 Resp: 900
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.4



#5
Vinyl chloride
Concen: 0.189 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 62 Resp: 2915
Ion Ratio Lower Upper
62 100
64 170.3 23.7 44.1#

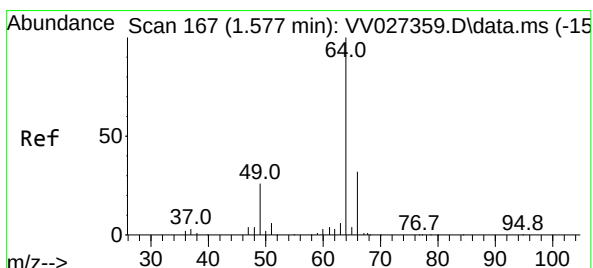
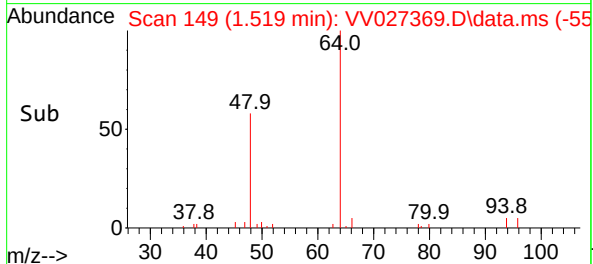
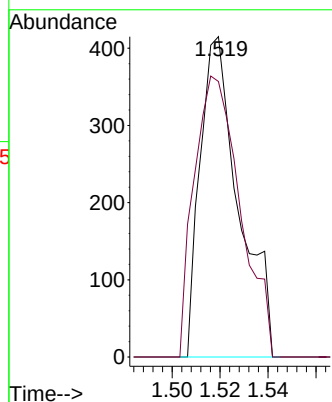
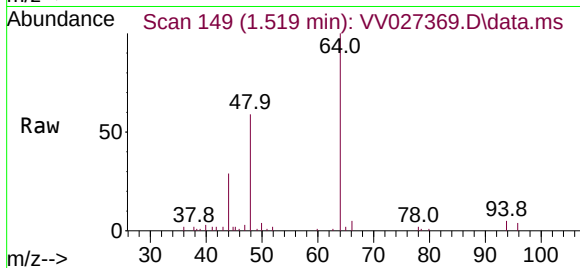




#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

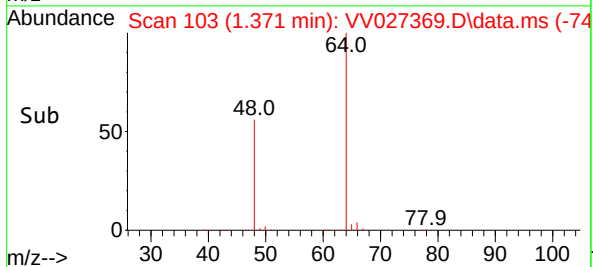
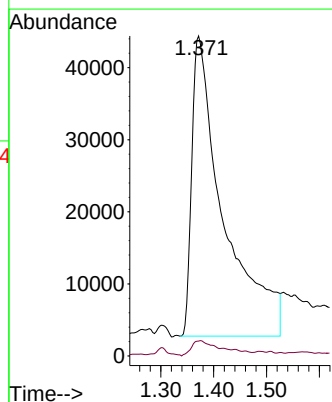
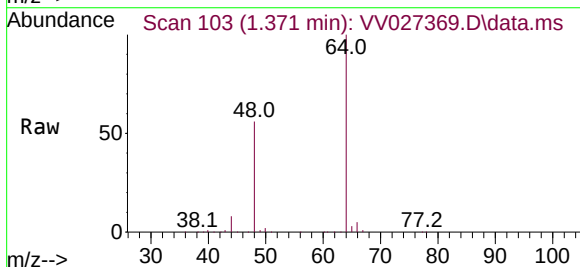
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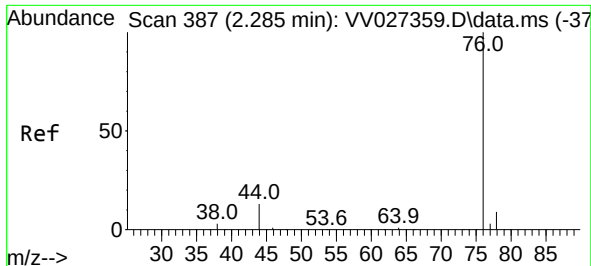
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 86.0 67.2 124.8



#8
Chloroethane
Concen: 20.061 ug/L
RT: 1.371 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

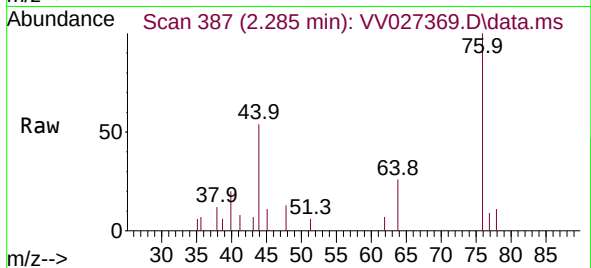
Tgt Ion: 64 Resp: 172252
Ion Ratio Lower Upper
64 100
66 4.7 22.3 41.5#



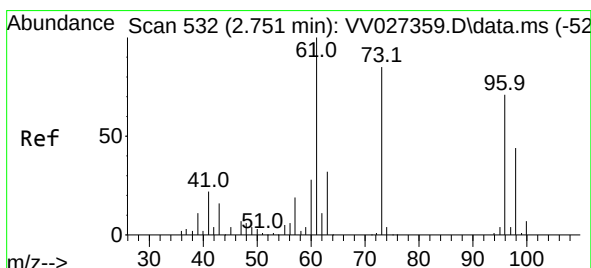
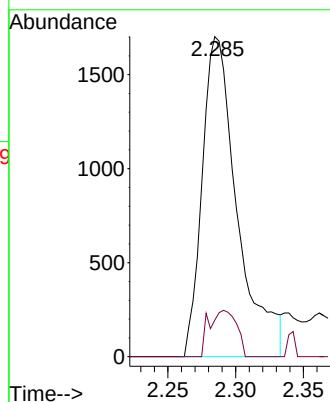
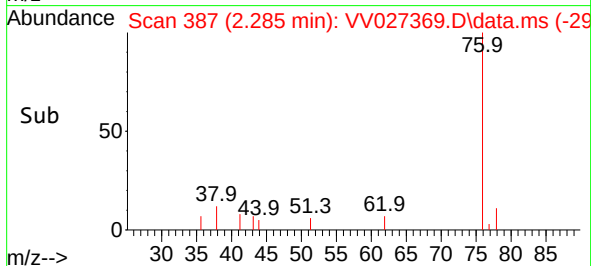


#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Instrument :
MSVOA_V
ClientSampleId :

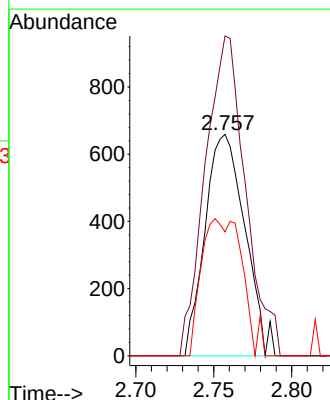
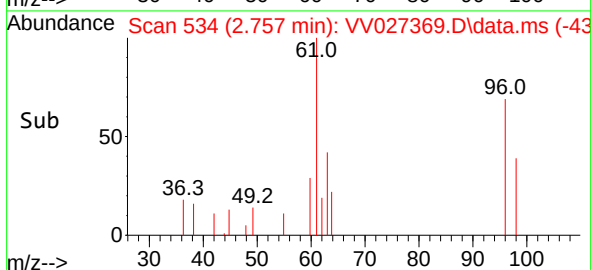
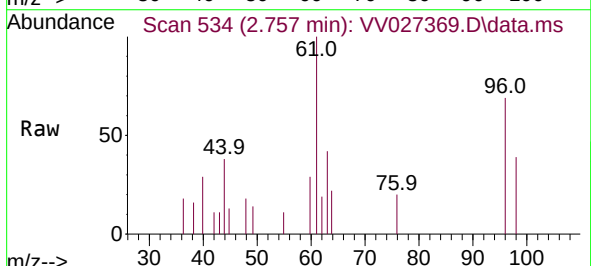


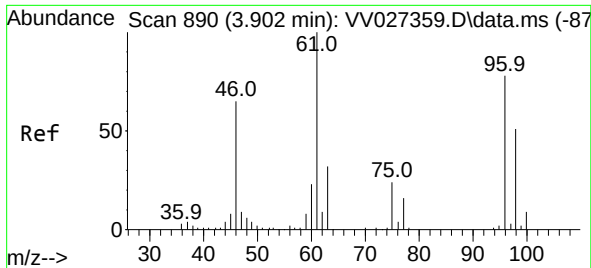
Tgt Ion: 76 Resp: 3064
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 96 Resp: 1173
Ion Ratio Lower Upper
96 100
61 144.5 99.6 185.0
98 56.0 45.1 83.7

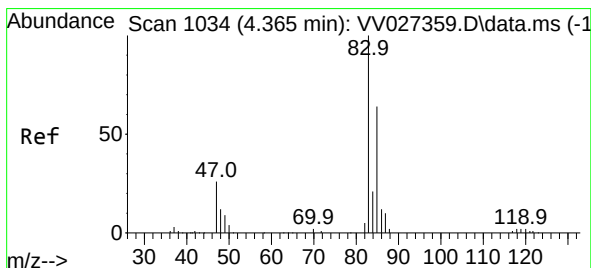
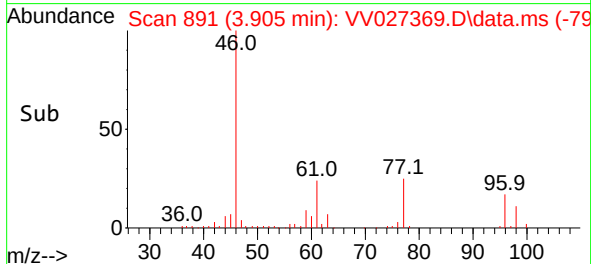
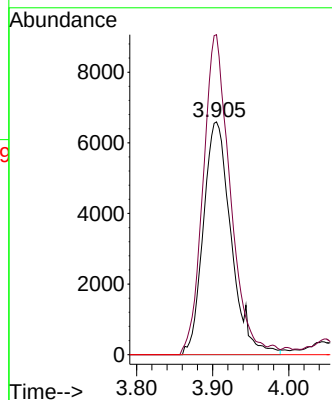
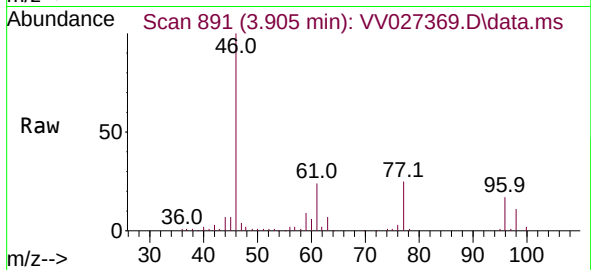




#22
 cis-1,2-Dichloroethene
 Concen: 1.377 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027369.D
 Acq: 13 Aug 2022 15:25

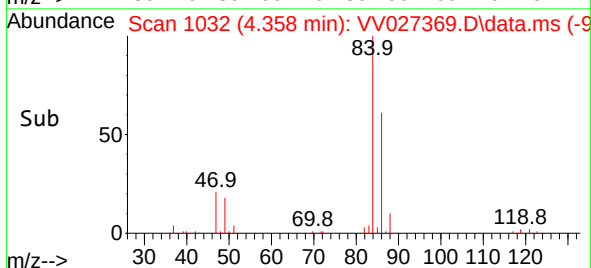
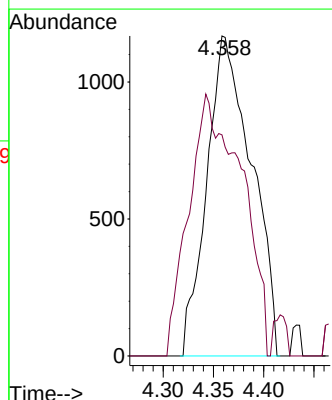
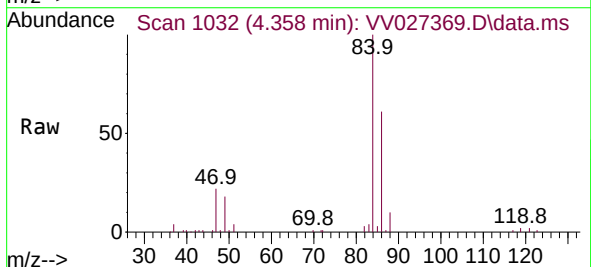
Instrument :
 MSVOA_V
 ClientSampleId :

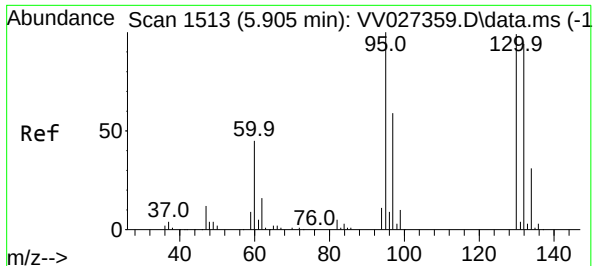
Tgt Ion: 96 Resp: 16708
 Ion Ratio Lower Upper
 96 100
 61 137.5 91.3 169.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.149 ug/L
 RT: 4.358 min Scan# 1032
 Delta R.T. -0.007 min
 Lab File: VV027369.D
 Acq: 13 Aug 2022 15:25

Tgt Ion: 83 Resp: 3615
 Ion Ratio Lower Upper
 83 100
 85 69.1 45.2 84.0



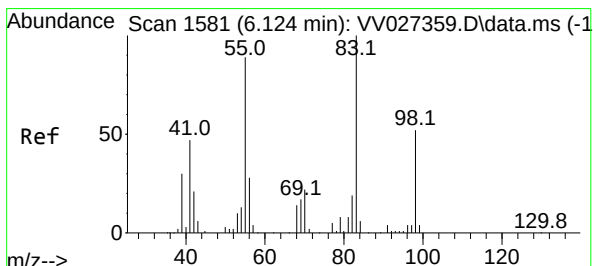
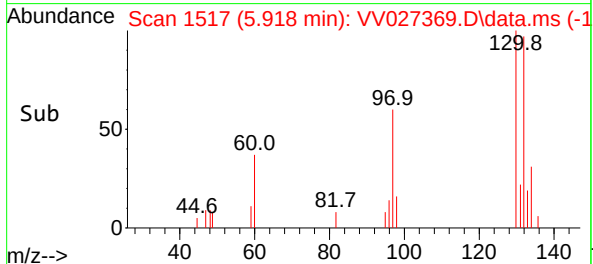
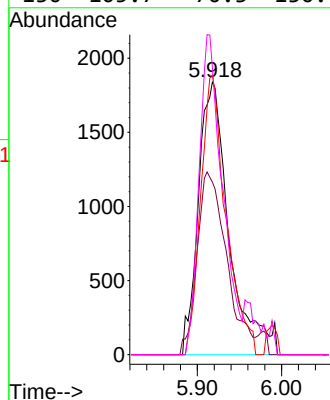
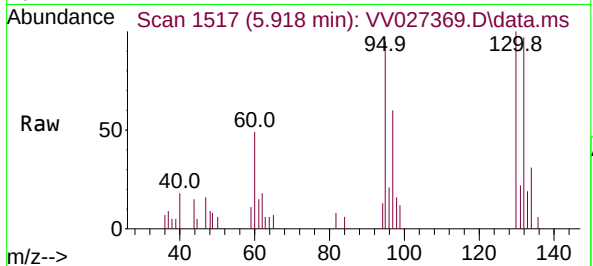


#34
Trichloroethene
Concen: 0.359 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 4653

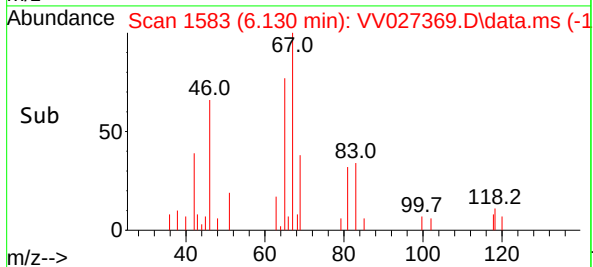
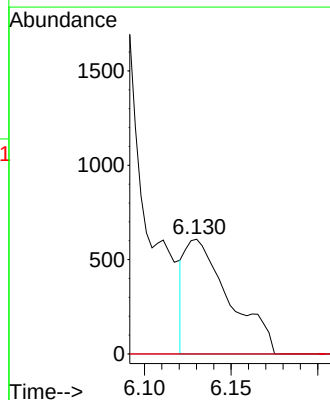
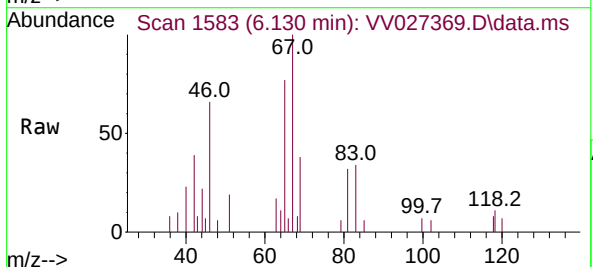
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.5	84.5
132	102.6	68.2	126.6
130	105.7	70.3	130.7

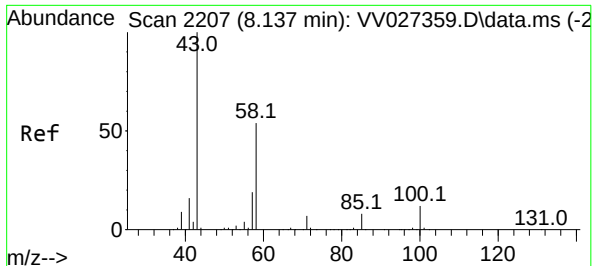


#35
Methylcyclohexane
Concen: 0.061 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 83 Resp: 1085

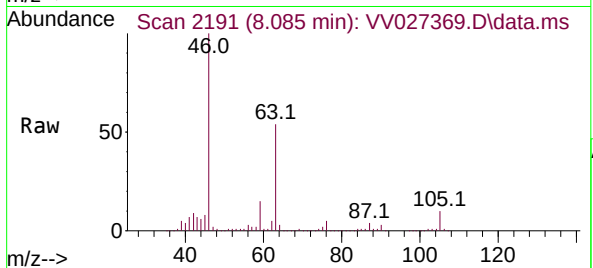
Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.6#
98	0.0	38.7	58.1#



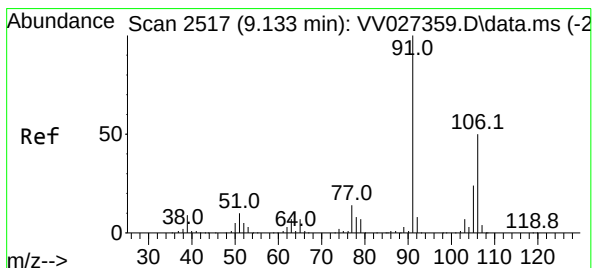
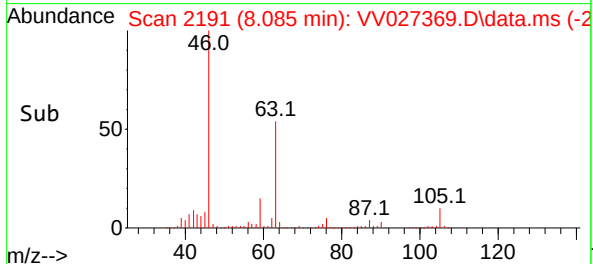
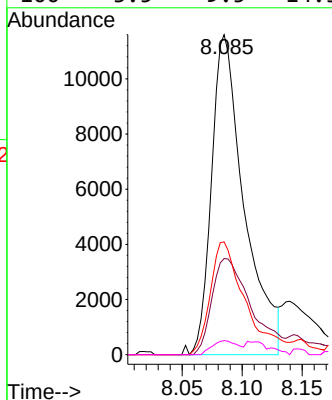


#48
2-Hexanone
Concen: 4.611 ug/L
RT: 8.085 min Scan# 2197
Delta R.T. -0.052 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Instrument :
MSVOA_V
ClientSampleId :

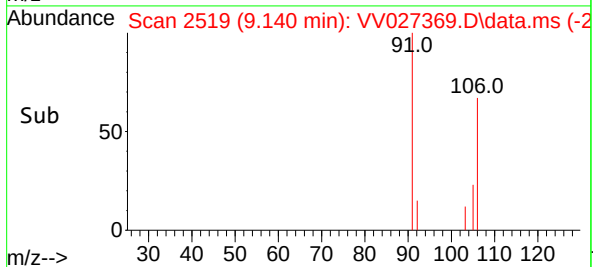
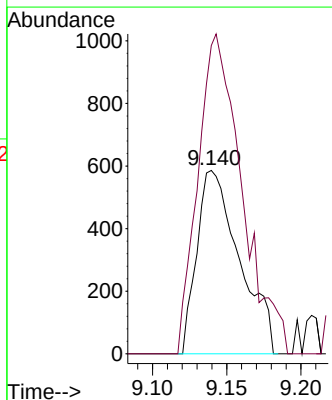
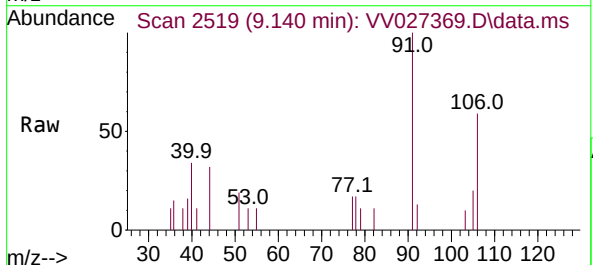


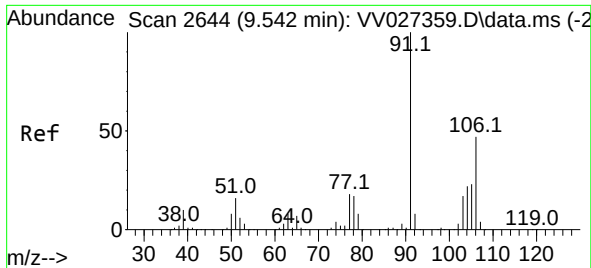
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	42.8	64.2#
57	37.9	15.2	22.8#
100	3.5	9.5	14.3#



#53
m,p-Xylene
Concen: 0.059 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	168.1	141.5	262.9

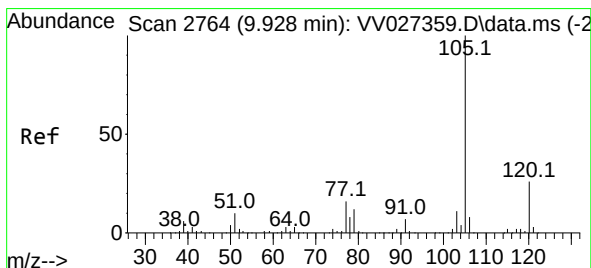
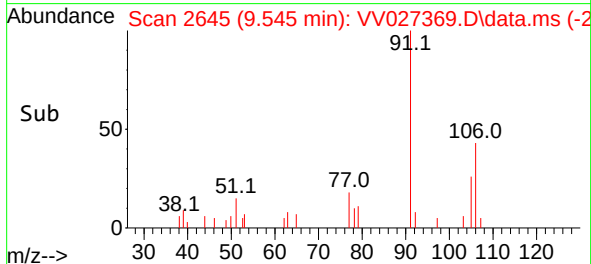
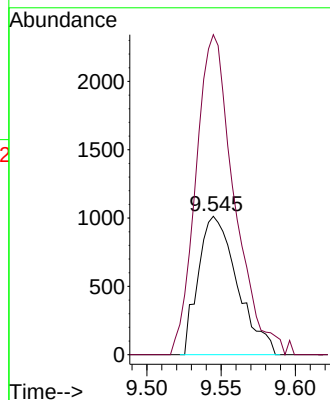
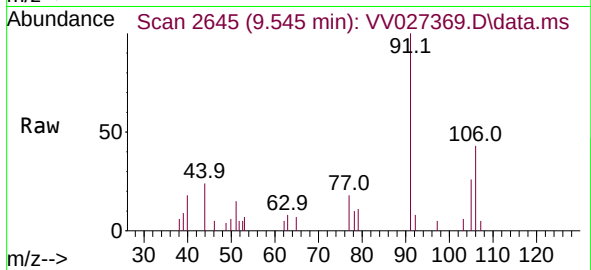




#54
o-Xylene
Concen: 0.095 ug/L
RT: 9.545 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

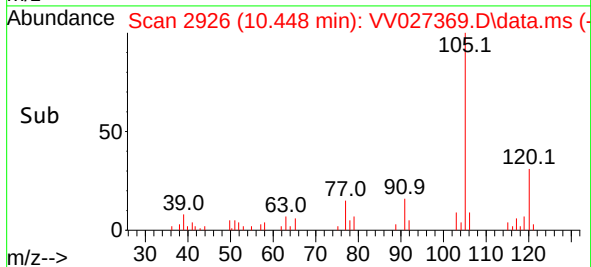
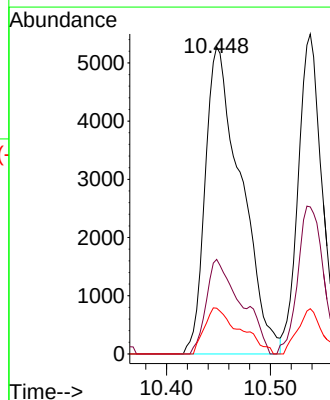
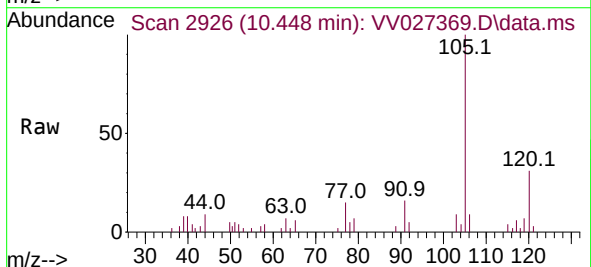
Instrument :
MSVOA_V
ClientSampleId :

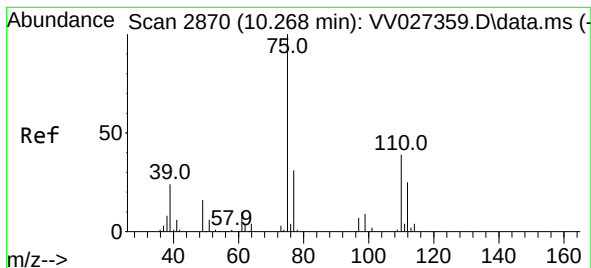
Tgt Ion:106 Resp: 1850
Ion Ratio Lower Upper
106 100
91 231.2 153.2 284.4



#60
Isopropylbenzene
Concen: 0.312 ug/L
RT: 10.448 min Scan# 2926
Delta R.T. 0.521 min
Lab File: VV027369.D
Acq: 13 Aug 2022 15:25

Tgt Ion:105 Resp: 12622
Ion Ratio Lower Upper
105 100
120 30.0 21.0 31.4
77 14.9 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 1.238 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV027369.D

Acq: 13 Aug 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

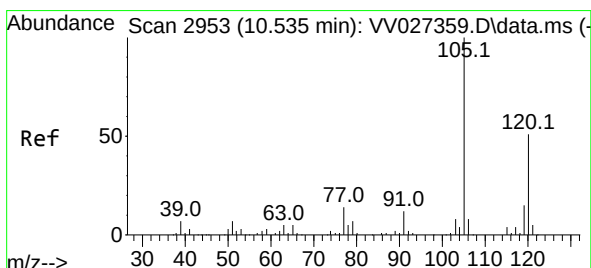
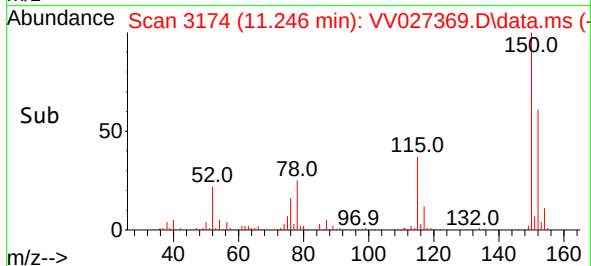
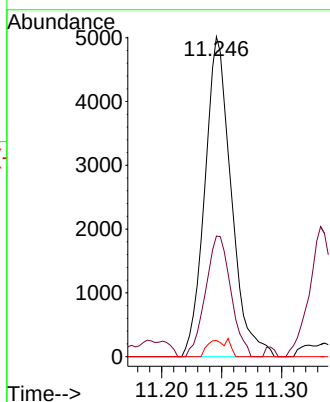
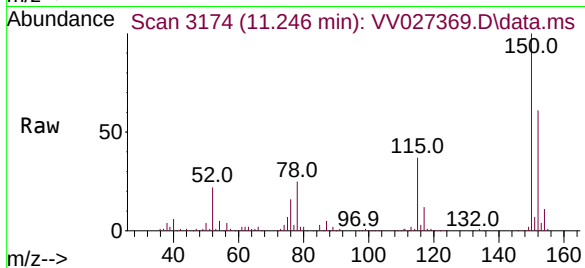
Tgt Ion: 75 Resp: 7656

Ion Ratio Lower Upper

75 100

77 36.1 26.6 39.8

110 4.2 31.0 46.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.755 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027369.D

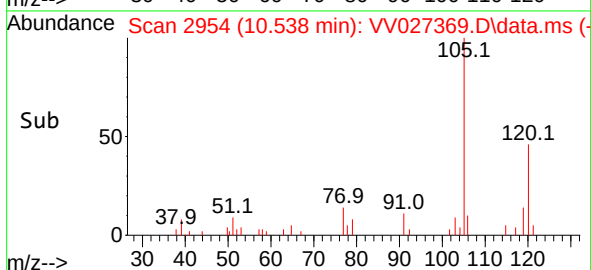
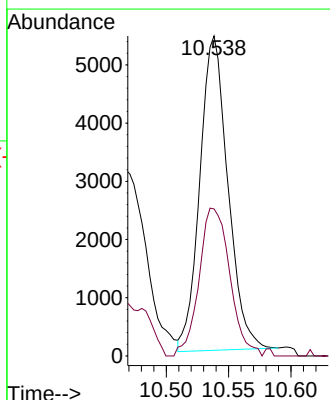
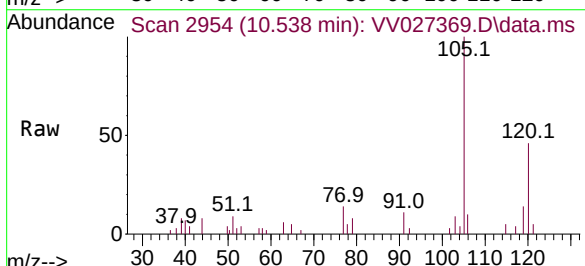
Acq: 13 Aug 2022 15:25

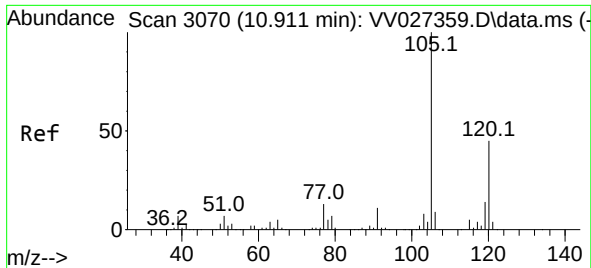
Tgt Ion: 105 Resp: 8443

Ion Ratio Lower Upper

105 100

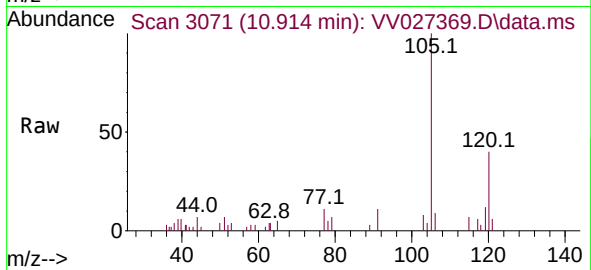
120 51.6 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.316 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027369.D
 Acq: 13 Aug 2022 15:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 10137
 Ion Ratio Lower Upper
 105 100
 120 43.6 36.2 54.2

