

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027370.D
 Acq On : 13 Aug 2022 15:56
 Operator : SY/MD
 Sample : N4115-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:52:40 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	145724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49043	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.561	69	42034	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.101	63	66560	2.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.883	46	210474	98.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	196.320%#
24) Chloroform-d	4.342	84	127264	5.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.027	65	65370	5.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.200%
32) Benzene-d6	5.047	84	205558	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	76112	5.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.313	98	156089	3.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.622	79	21603	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.085	63	161389	82.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.360%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	71604	6.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	72846	6.054	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	738	0.043	ug/L #	63
5) Vinyl chloride	1.307	62	2797	0.173	ug/L #	1
8) Chloroethane	1.368	64	152509	16.977	ug/L #	52
14) Carbon disulfide	2.291	76	3487	0.083	ug/L #	89
18) trans-1,2-Dichloroethene	2.757	96	1169	0.091	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	17455	1.375	ug/L	95
25) Chloroform	4.378	83	4260	0.168	ug/L	93
34) Trichloroethene	5.918	95	4818	0.353	ug/L	94
35) Methylcyclohexane	6.137	83	1275	0.068	ug/L #	24
37) 1,2-Dichloropropane	6.066	63	8841	0.652	ug/L #	86
48) 2-Hexanone	8.088	43	23587	4.694	ug/L #	72
53) m,p-Xylene	9.149	106	963	0.046	ug/L	81
54) o-Xylene	9.545	106	1740	0.085	ug/L	95
60) Isopropylbenzene	10.738	105	7646	0.174	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	8646	1.288	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.538	105	7734	0.637	ug/L	91
63) 1,2,4-Trimethylbenzene	10.914	105	9244	0.266	ug/L	97

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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 13 21:52:40 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

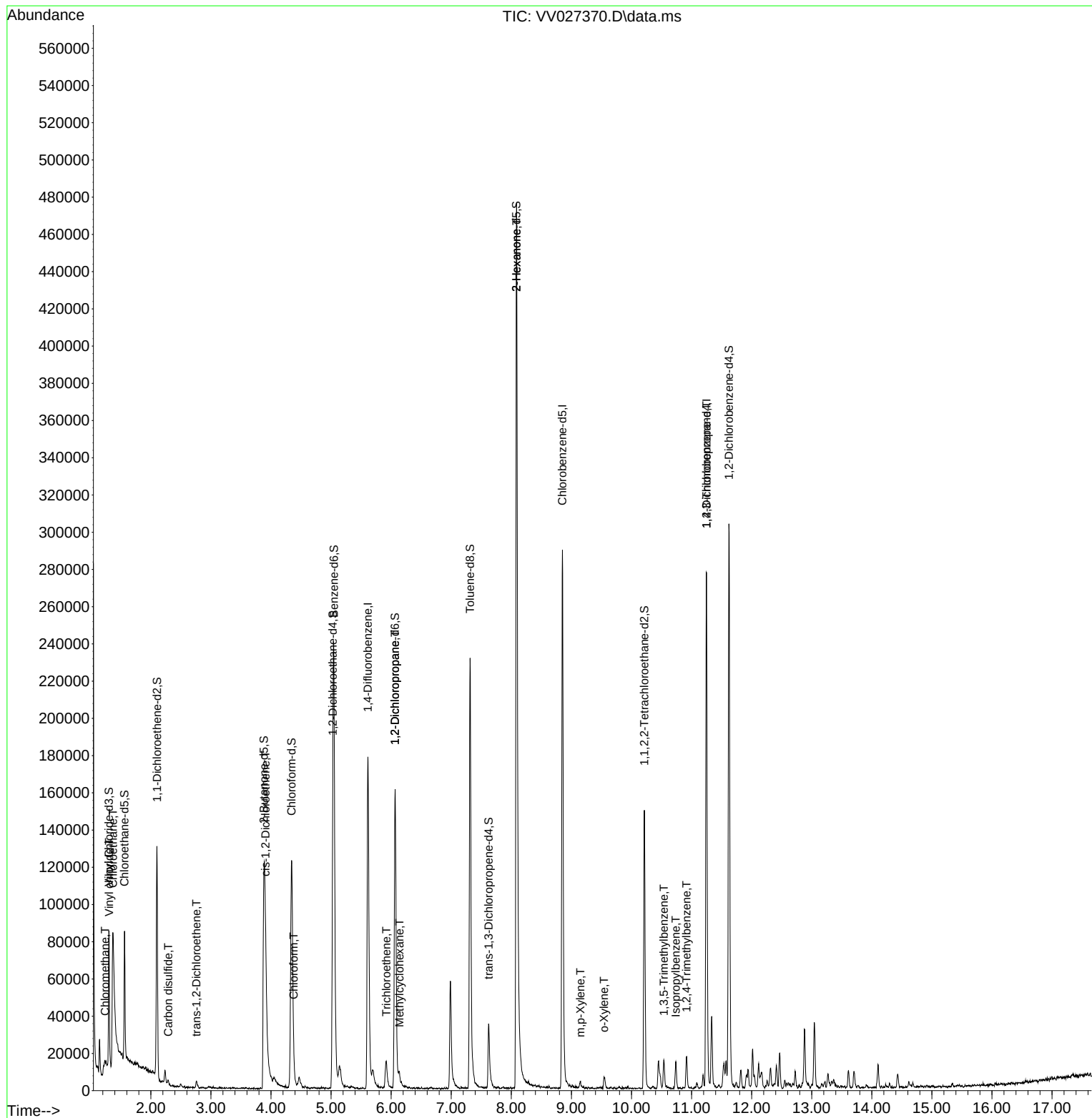
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

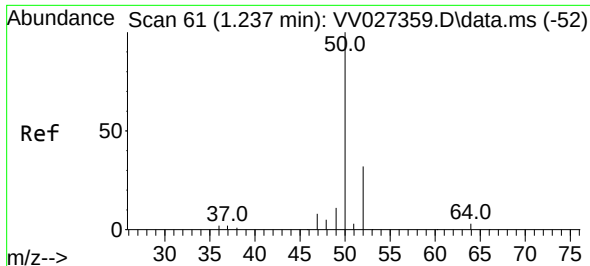
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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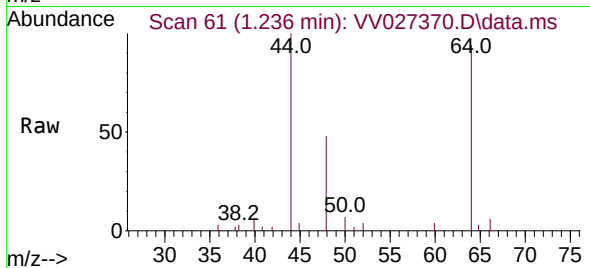
Quant Time: Aug 13 21:52:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
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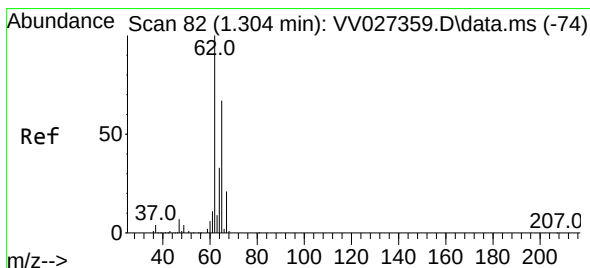
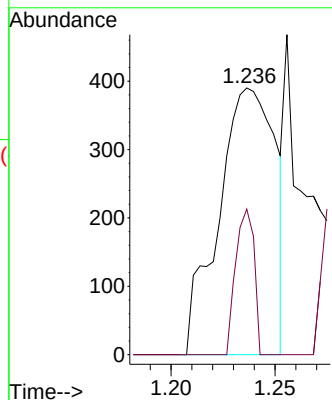
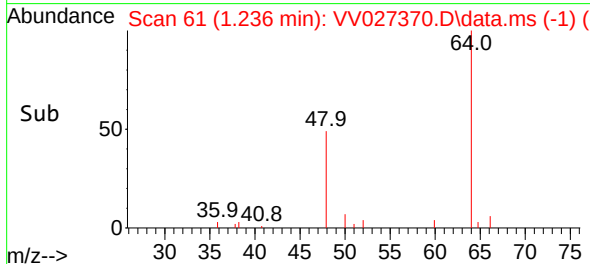


#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

Instrument :
MSVOA_V
ClientSampleId :

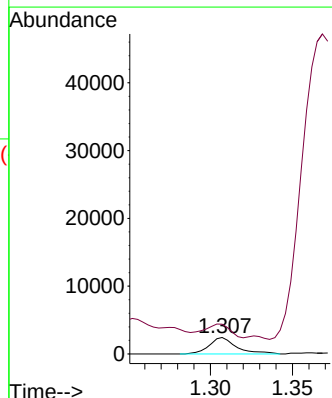
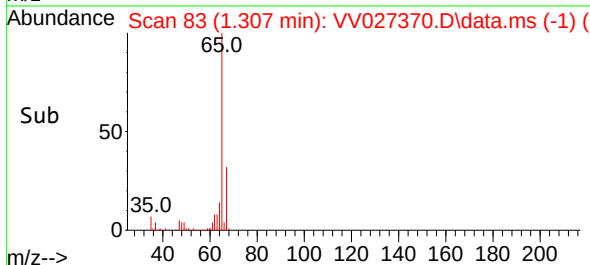
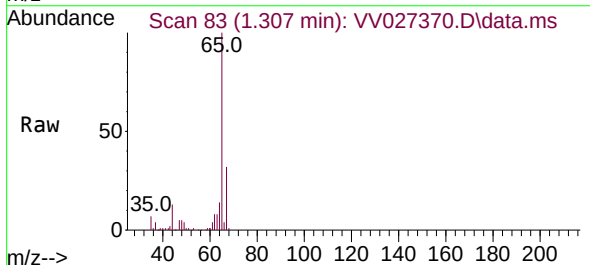


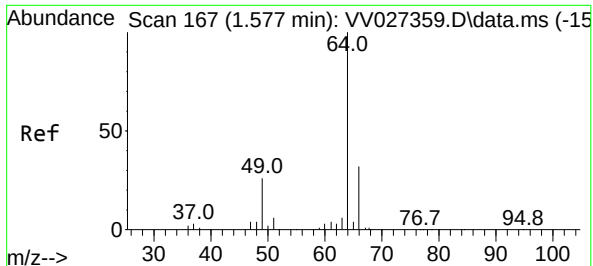
Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 54.6 23.4 43.4#



#5
Vinyl chloride
Concen: 0.173 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

Tgt Ion: 62 Resp: 2797
Ion Ratio Lower Upper
62 100
64 179.9 23.7 44.1#

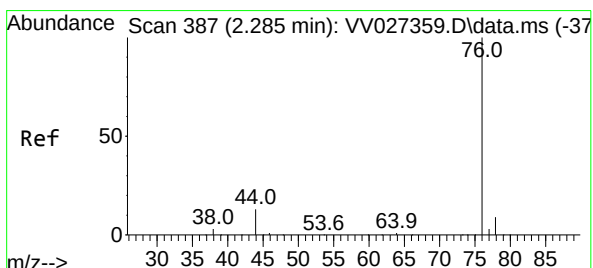
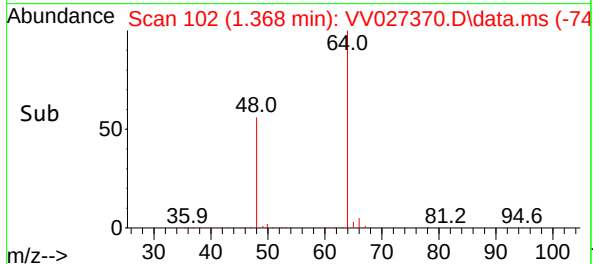
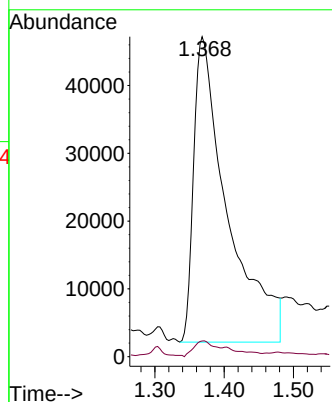
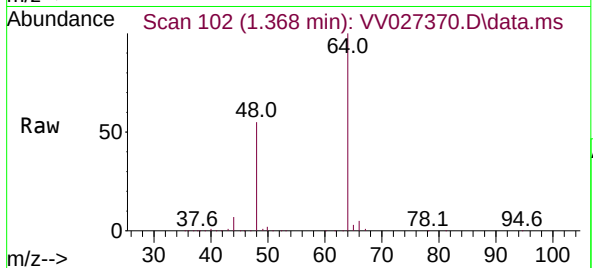




#8
Chloroethane
Concen: 16.977 ug/L
RT: 1.368 min Scan# 102
Delta R.T. -0.209 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

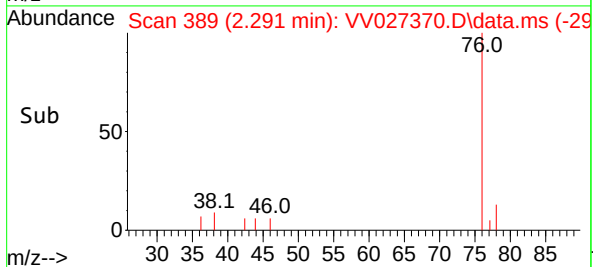
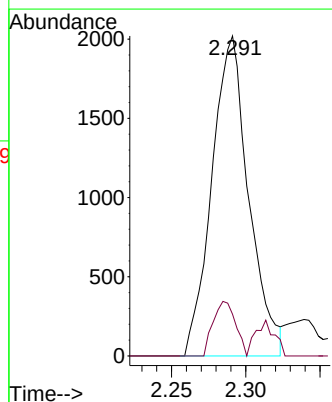
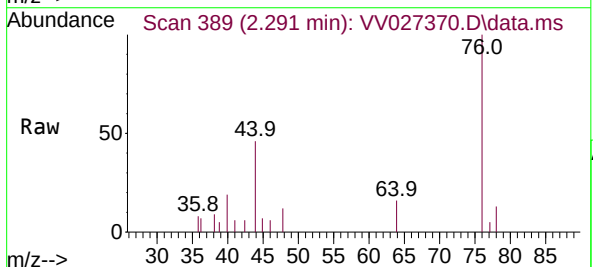
Instrument :
MSVOA_V
ClientSampleId :

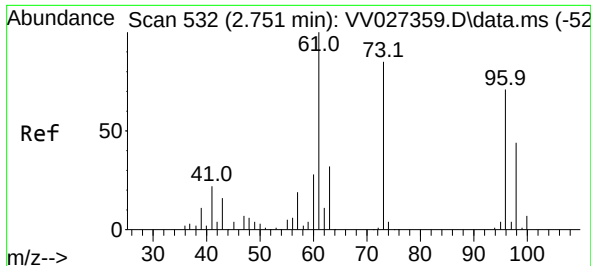
Tgt Ion: 64 Resp: 152509
Ion Ratio Lower Upper
64 100
66 4.9 22.3 41.5#



#14
Carbon disulfide
Concen: 0.083 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

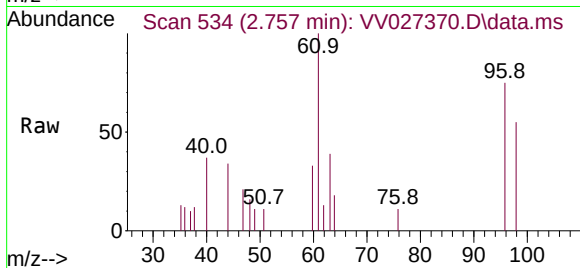
Tgt Ion: 76 Resp: 3487
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#





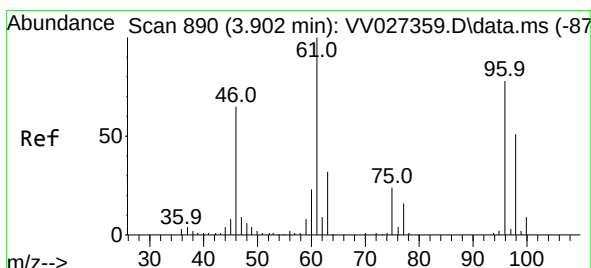
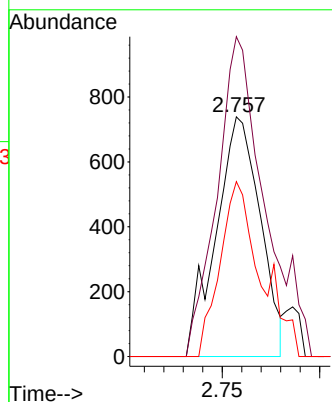
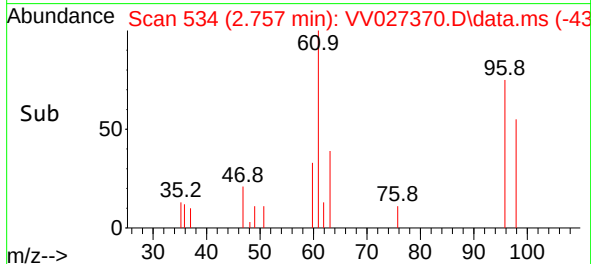
#18
 trans-1,2-Dichloroethene
 Concen: 0.091 ug/L
 RT: 2.757 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VV027370.D
 Acq: 13 Aug 2022 15:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1169

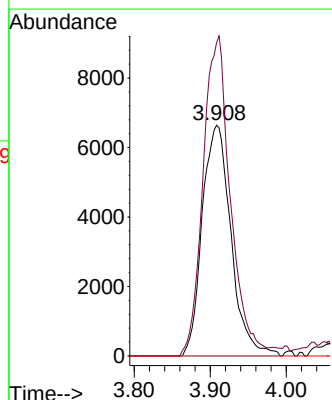
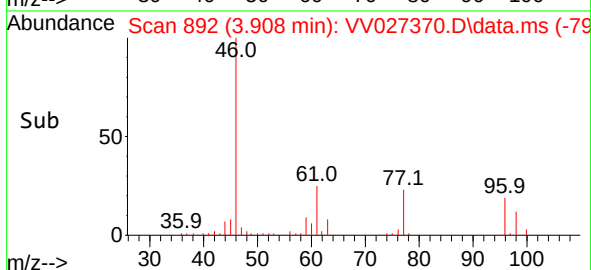
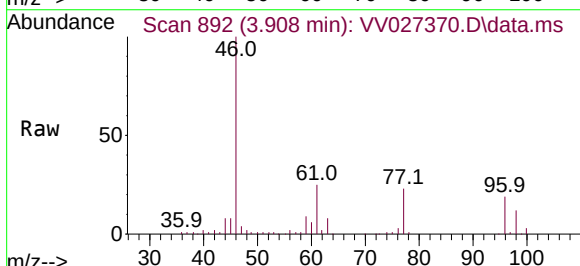
Ion	Ratio	Lower	Upper
96	100		
61	133.4	99.6	185.0
98	72.9	45.1	83.7

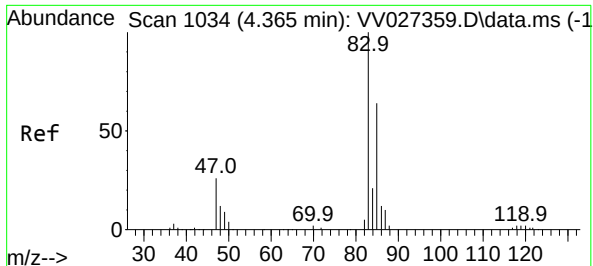


#22
 cis-1,2-Dichloroethene
 Concen: 1.375 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV027370.D
 Acq: 13 Aug 2022 15:56

Tgt Ion: 96 Resp: 17455

Ion	Ratio	Lower	Upper
96	100		
61	135.7	91.3	169.5
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.168 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027370.D

Acq: 13 Aug 2022 15:56

Instrument :

MSVOA_V

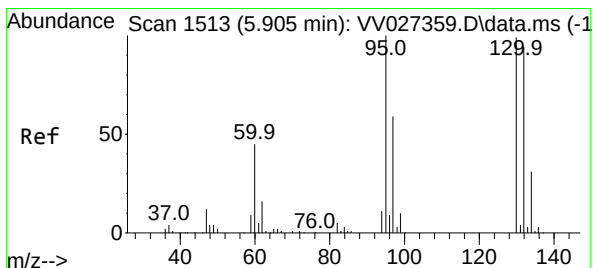
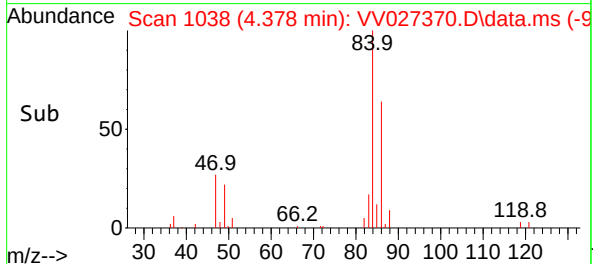
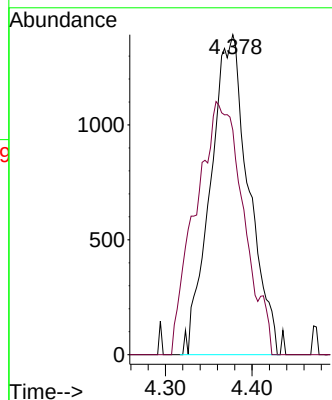
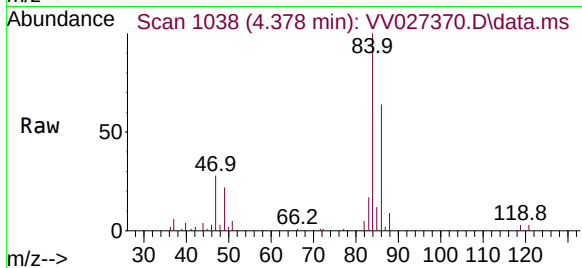
ClientSampleId :

Tgt Ion: 83 Resp: 4260

Ion Ratio Lower Upper

83 100

85 70.1 45.2 84.0



#34

Trichloroethene

Concen: 0.353 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV027370.D

Acq: 13 Aug 2022 15:56

Tgt Ion: 95 Resp: 4818

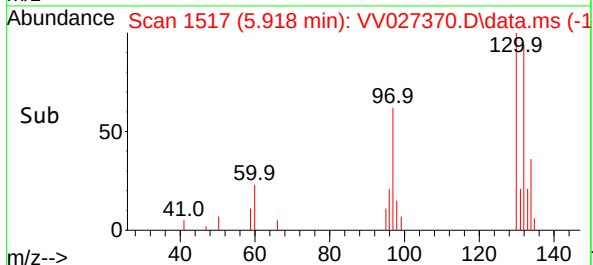
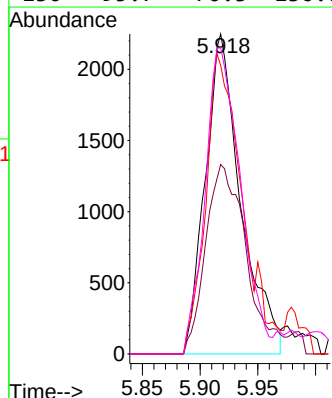
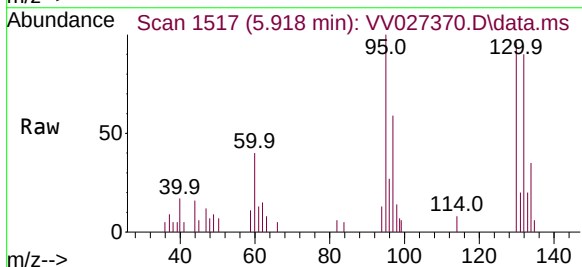
Ion Ratio Lower Upper

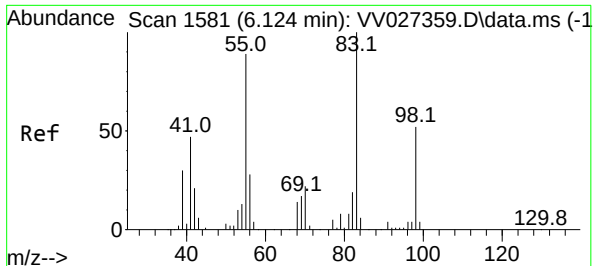
95 100

97 59.2 45.5 84.5

132 90.2 68.2 126.6

130 95.7 70.3 130.7

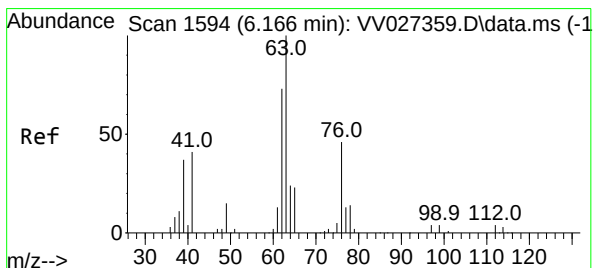
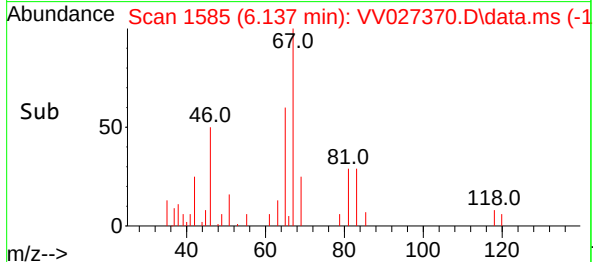
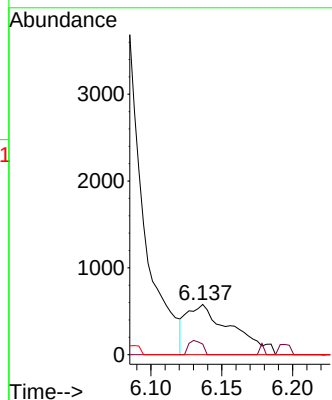
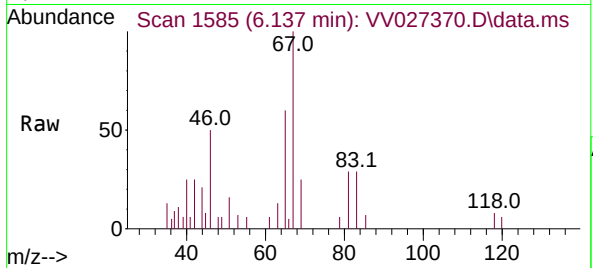




#35
Methylcyclohexane
Concen: 0.068 ug/L
RT: 6.137 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

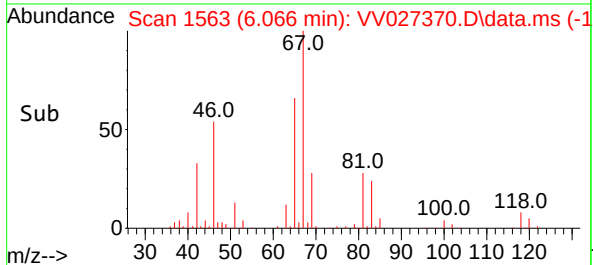
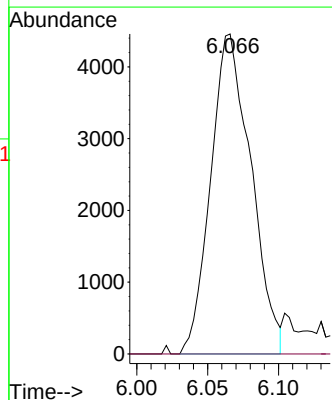
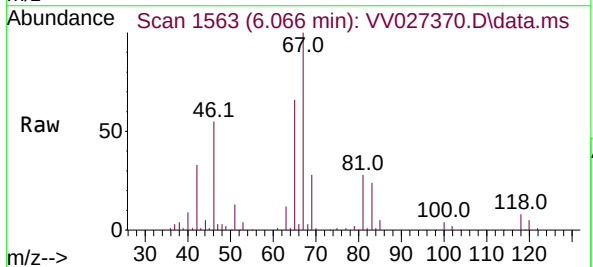
Instrument :
MSVOA_V
ClientSampleId :

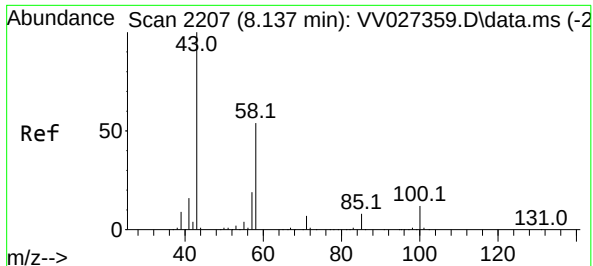
Tgt Ion: 83 Resp: 1275
Ion Ratio Lower Upper
83 100
55 8.5 67.0 100.6#
98 4.6 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

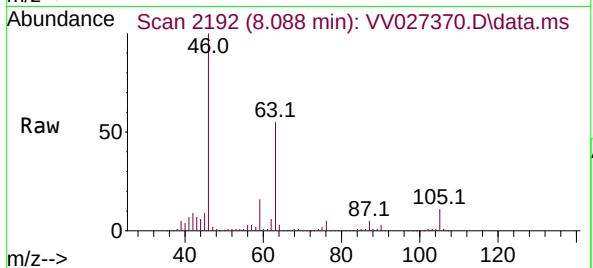
Tgt Ion: 63 Resp: 8841
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#



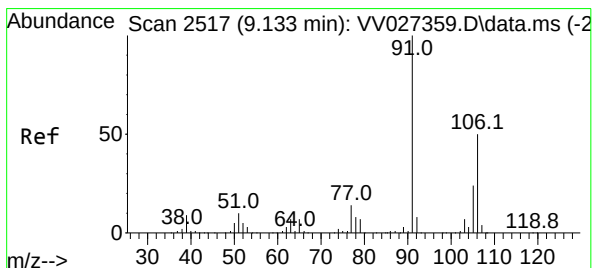
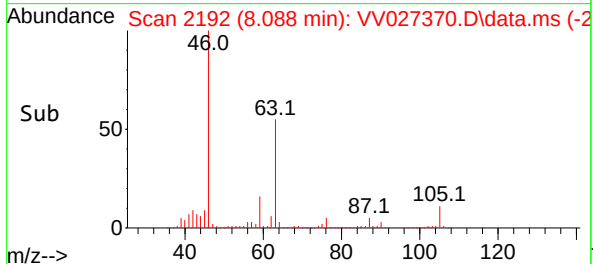
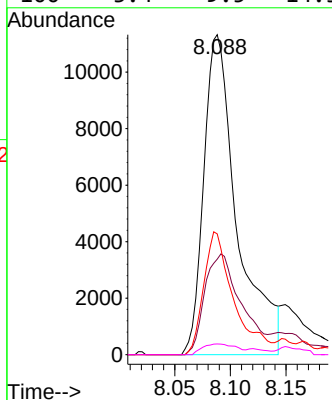


#48
2-Hexanone
Concen: 4.694 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

Instrument :
MSVOA_V
ClientSampleId :

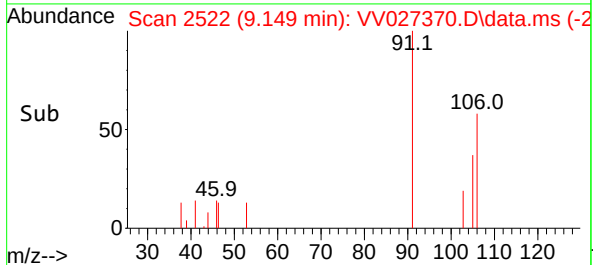
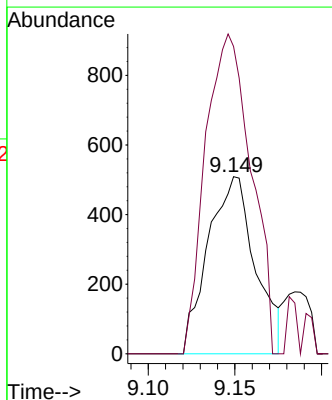
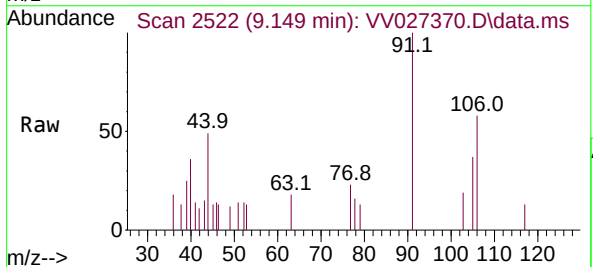


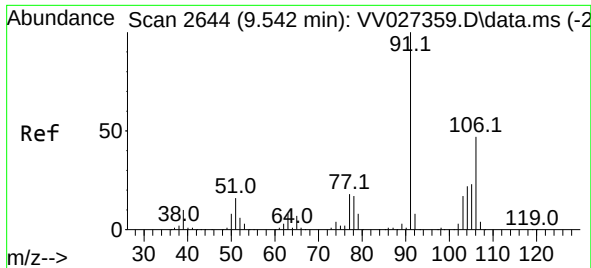
Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	42.8	64.2#
57	34.8	15.2	22.8#
100	3.4	9.5	14.3#



#53
m,p-Xylene
Concen: 0.046 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.016 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	173.5	141.5	262.9

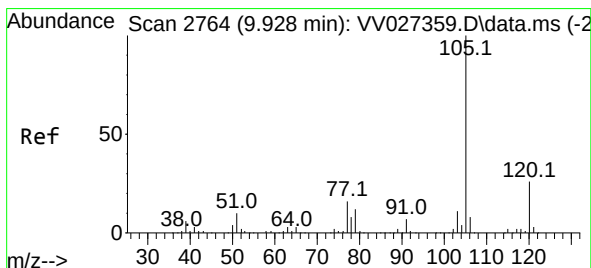
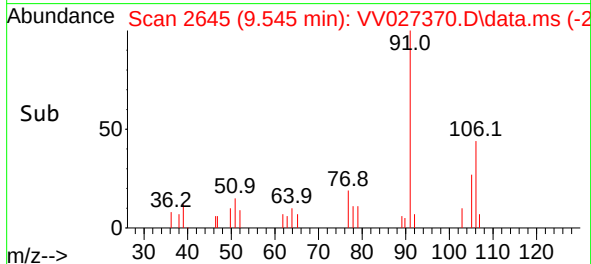
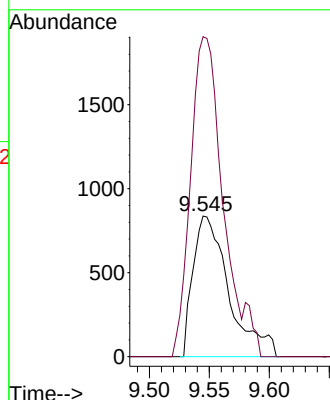
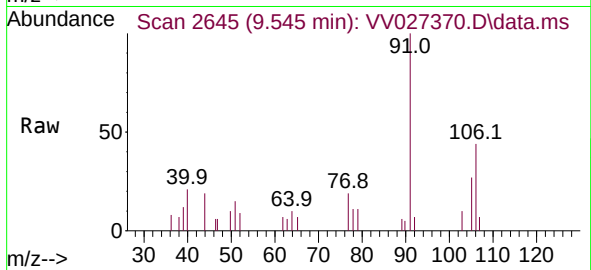




#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.545 min Scan# 2016
Delta R.T. 0.003 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

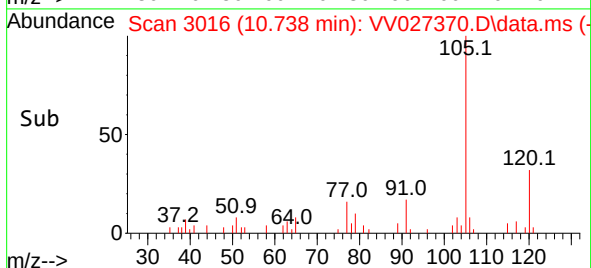
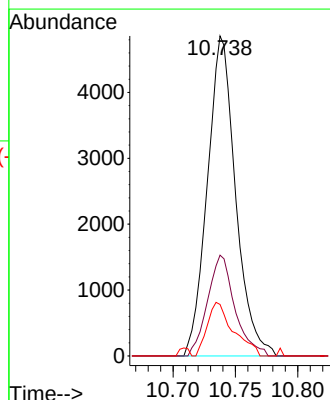
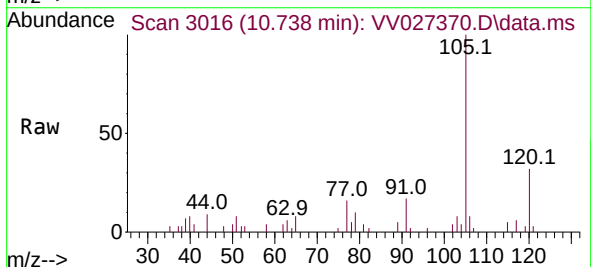
Instrument :
MSVOA_V
ClientSampleId :

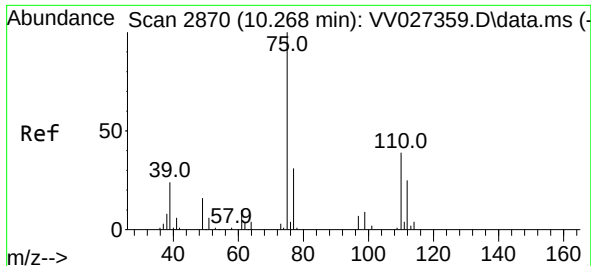
Tgt Ion:106 Resp: 1740
Ion Ratio Lower Upper
106 100
91 227.6 153.2 284.4



#60
Isopropylbenzene
Concen: 0.174 ug/L
RT: 10.738 min Scan# 3016
Delta R.T. 0.810 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

Tgt Ion:105 Resp: 7646
Ion Ratio Lower Upper
105 100
120 30.4 21.0 31.4
77 15.4 13.2 19.8

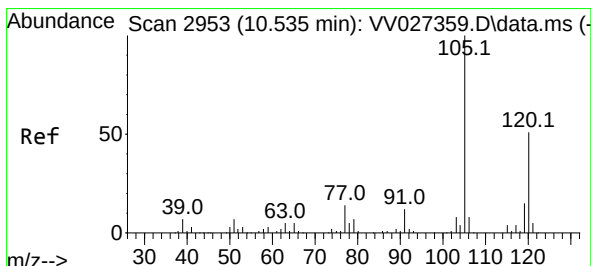
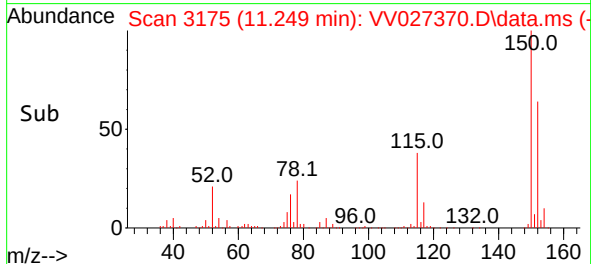
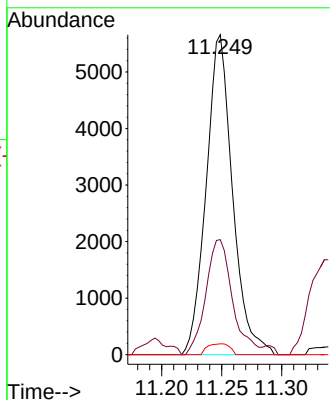
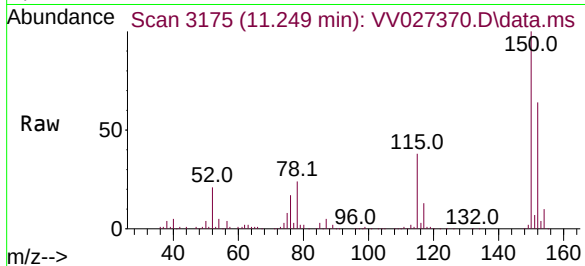




#61
1,2,3-Trichloropropane
Concen: 1.288 ug/L
RT: 11.249 min Scan# 31
Delta R.T. 0.980 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

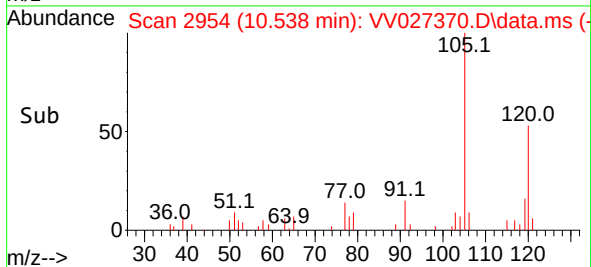
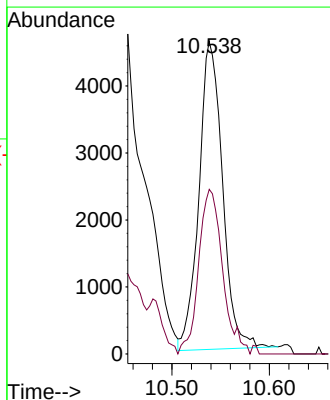
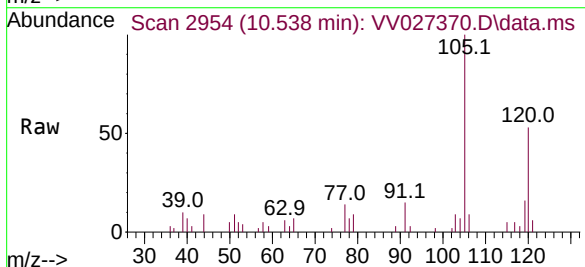
Instrument :
MSVOA_V
ClientSampleId :

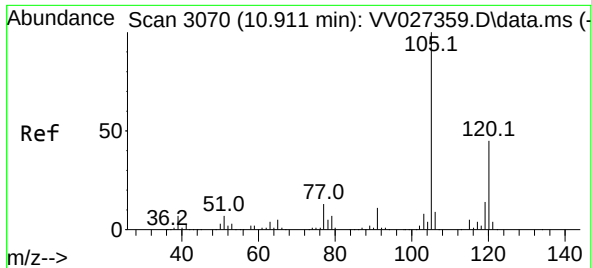
Tgt Ion: 75 Resp: 8646
Ion Ratio Lower Upper
75 100
77 36.5 26.6 39.8
110 2.8 31.0 46.6#



#62
1,3,5-Trimethylbenzene
Concen: 0.637 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027370.D
Acq: 13 Aug 2022 15:56

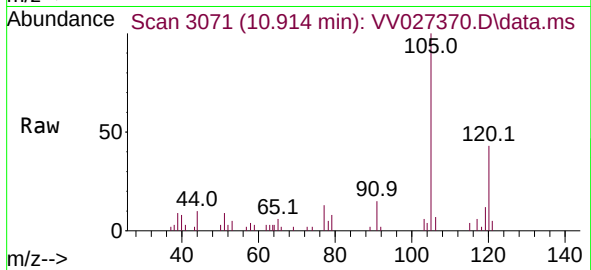
Tgt Ion: 105 Resp: 7734
Ion Ratio Lower Upper
105 100
120 54.0 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.266 ug/L
 RT: 10.914 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VV027370.D
 Acq: 13 Aug 2022 15:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 9244
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.2 54.2

