

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003716.D
 Acq On : 10 Dec 2020 13:57
 Operator : SY/MD
 Sample : L4980-08
 Misc : 7.11G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F1

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:04 AM

Quant Time: Dec 11 01:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	203827	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	190138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	86561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51403	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.77	69	45694	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.04%
10) 1,1-Dichloroethene-d2	3.86	63	84247	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	6.90	46	32060	31.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.40%
24) Chloroform-d	7.49	84	116207	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.15	65	60764	20.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.36%
29) Benzene-d6	8.12	84	248110	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.12	67	73292	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.18	98	226836	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.44	79	32730	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.08%
39) 2-Hexanone-d5	10.79	63	28884	35.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.78%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	55298	19.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	76149	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.96	43	3523	4.677	ug/L	96
16) Methylene chloride	4.72	84	3130m	0.875	ug/L	
22) cis-1,2-Dichloroethene	7.00	96	17084	5.837	ug/L	96
34) Benzene	8.17	78	5353	0.492	ug/L	100
35) Trichloroethene	8.94	95	10648	3.566	ug/L	99
36) Methylcyclohexane	9.19	83	1540	0.337	ug/L #	64
44) Toluene	10.25	91	15432	1.345	ug/L	93
47) Tetrachloroethene	10.72	164	239335	102.913	ug/L	96
53) Ethylbenzene	11.59	91	14200	1.134	ug/L	94
54) m,p-Xylene	11.70	106	2202	0.456	ug/L	79
55) o-xylene	12.03	106	995	0.215	ug/L	66

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

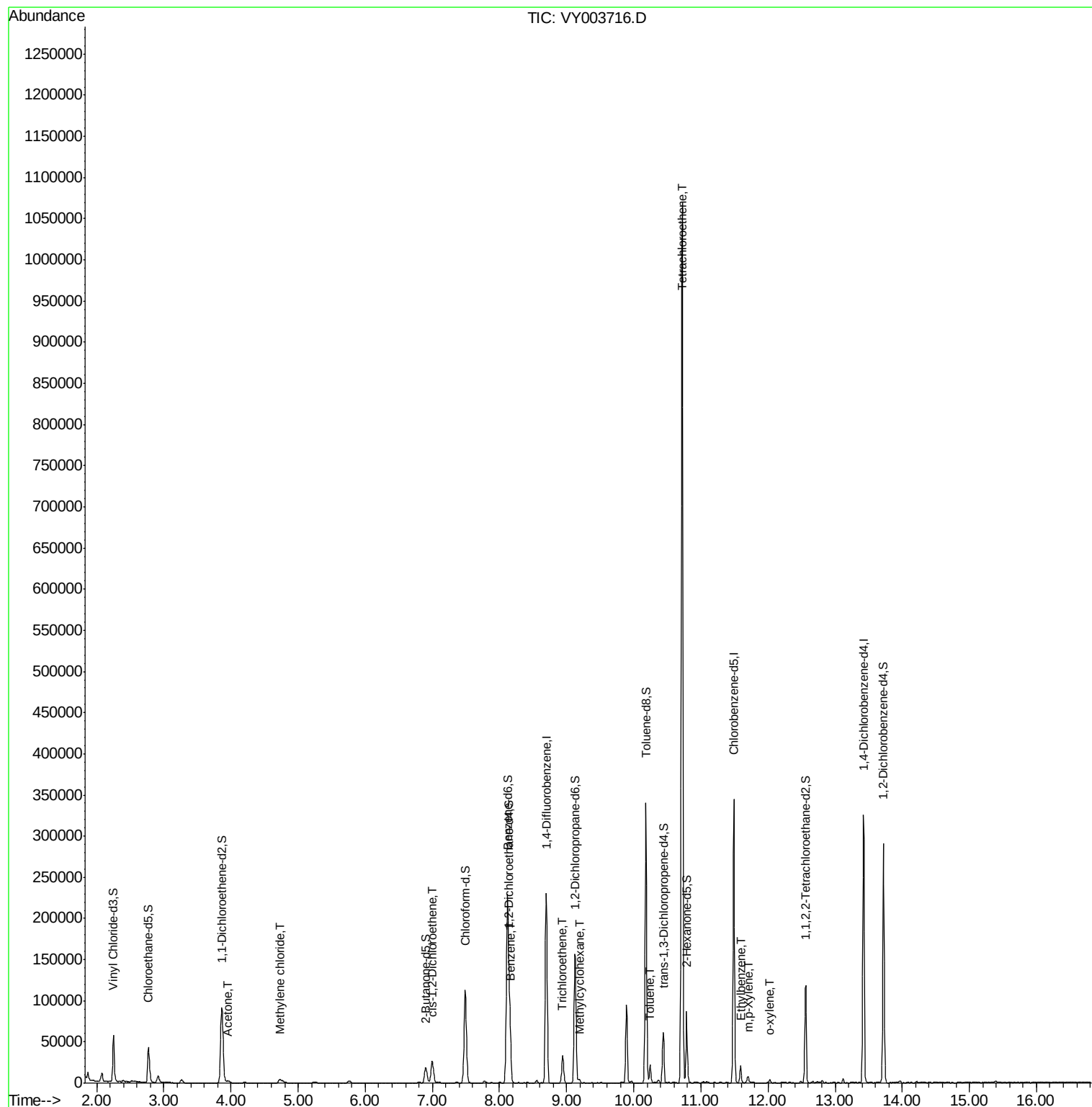
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
Data File : VY003716.D
Acq On : 10 Dec 2020 13:57
Operator : SY/MD
Sample : L4980-08
Misc : 7.11G/10ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

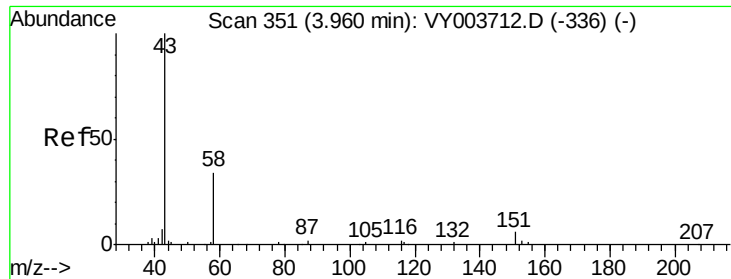
Instrument :
MSVOA_Y
ClientSampleId :
GB1F1

Manual Integrations
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Quant Time: Dec 11 01:13:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 00:47:58 2020
Response via : Initial Calibration





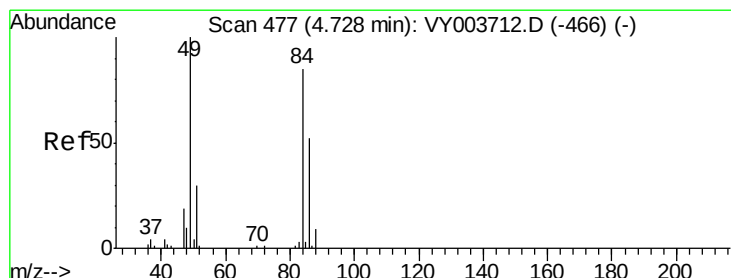
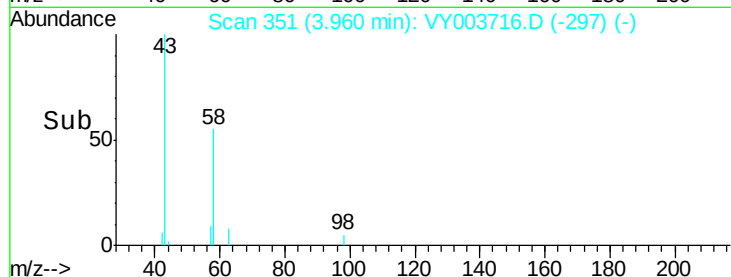
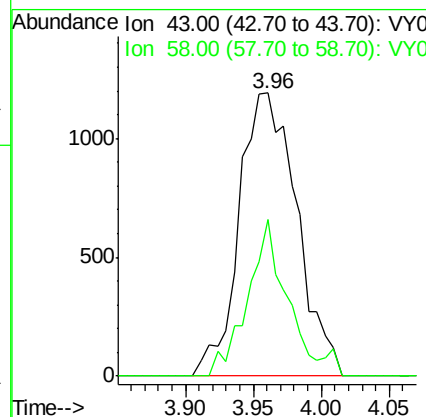
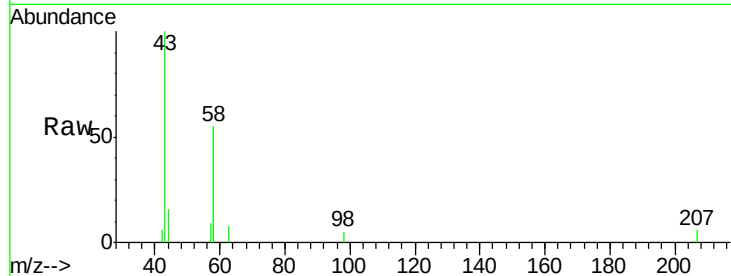
#13
Acetone
Concen: 4.677 ug/L
RT: 3.96 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :
GB1F1

Tot Ion: 43 Resp: 3523
Ion Ratio Lower Upper
43 100
58 36.8 0.0 68.8

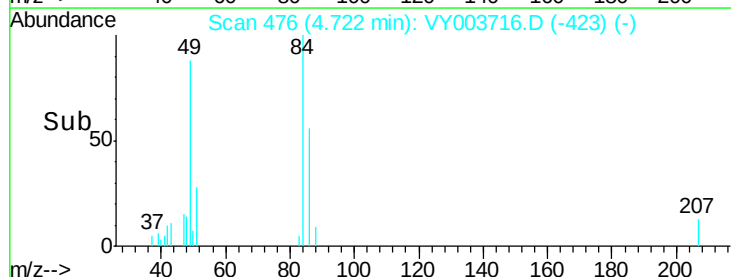
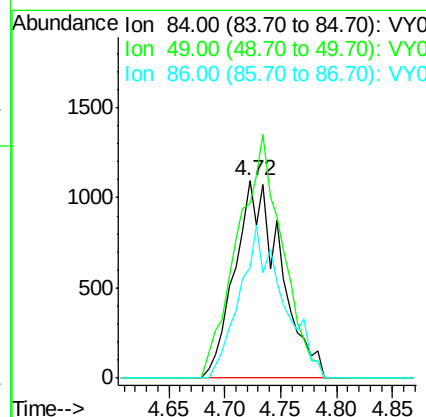
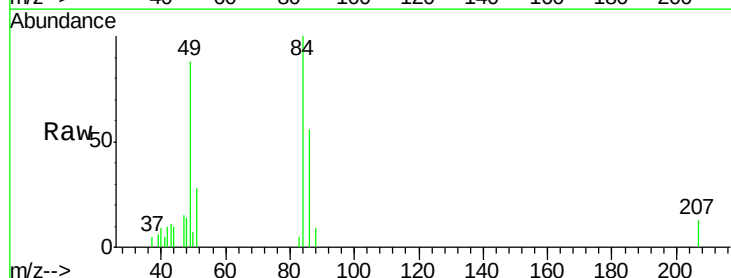
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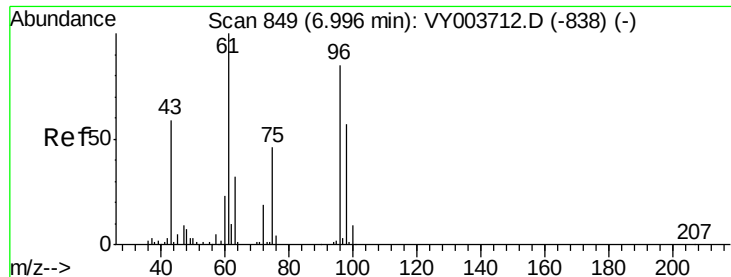
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#16
Methylene chloride
Concen: 0.875 ug/L m
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Tgt Ion: 84 Resp: 3130
Ion Ratio Lower Upper
84 100
49 88.5 83.7 155.4
86 55.9 45.0 83.6





#22

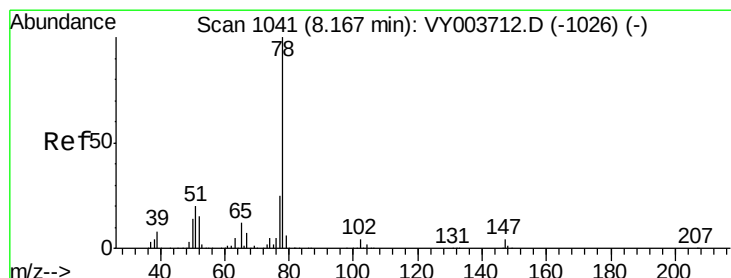
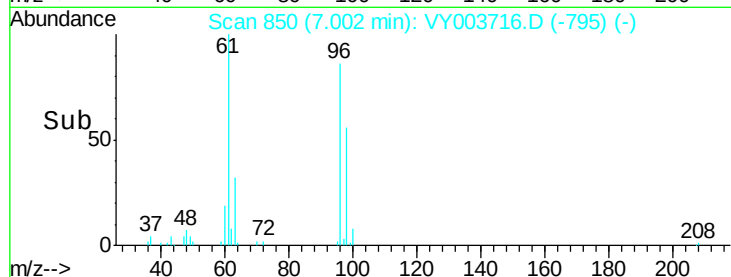
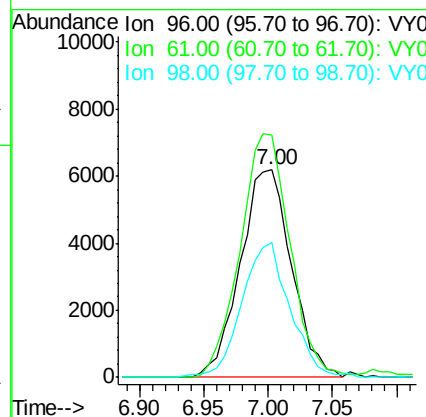
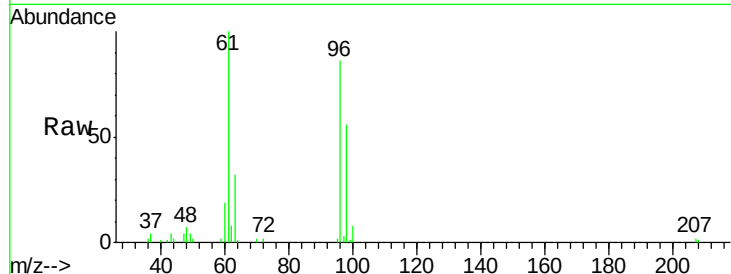
cis-1,2-Dichloroethene
Concen: 5.837 ug/L
RT: 7.00 min Scan# 850
Delta R.T. 0.01 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :
GB1F1

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.5	85.8	159.4
98	65.0	46.5	86.3

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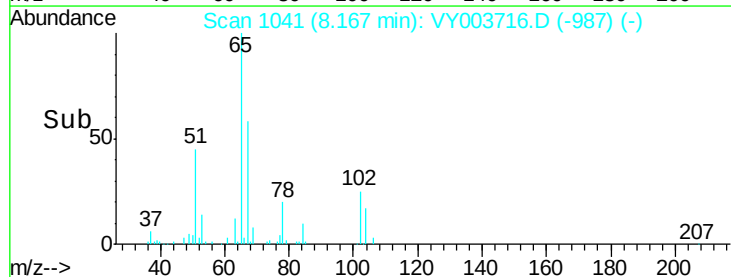
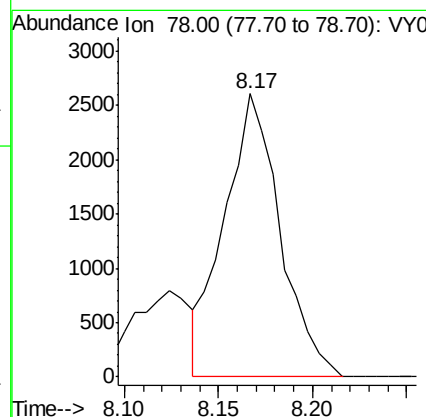
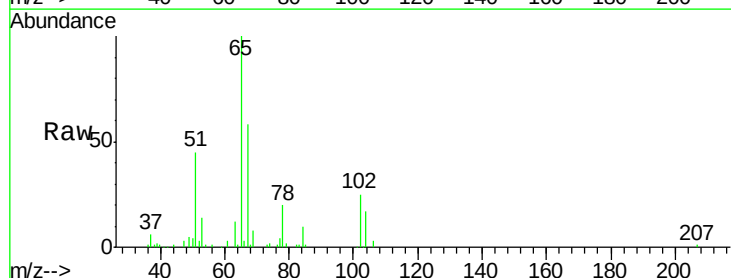
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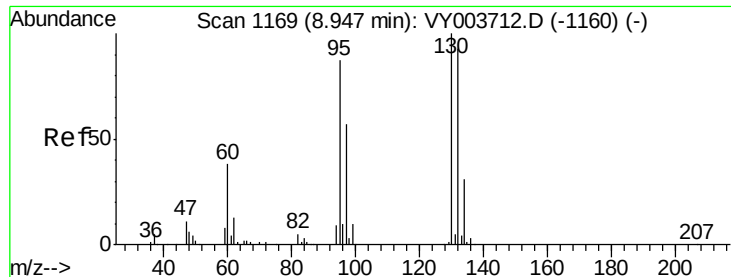


#34

Benzene
Concen: 0.492 ug/L
RT: 8.17 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Tgt Ion: 78 Resp: 5353





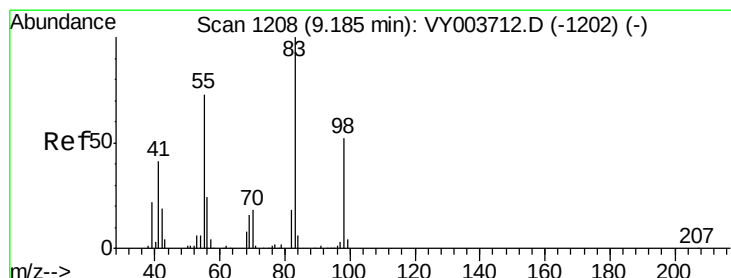
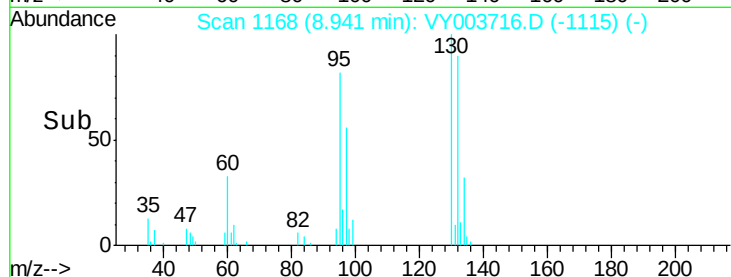
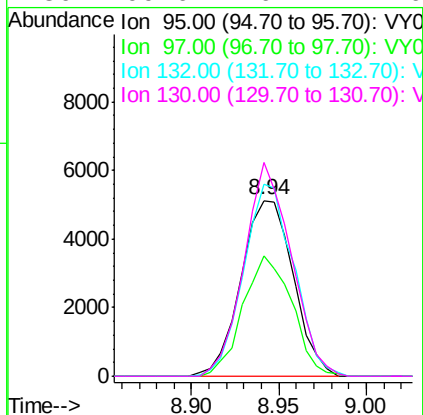
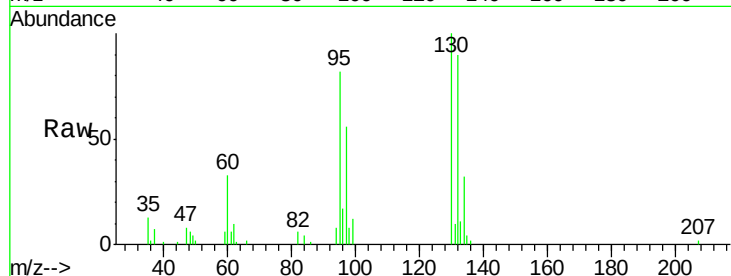
#35
 Trichloroethene
 Concen: 3.566 ug/L
 RT: 8.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: VY003716.D
 Acq: 10 Dec 2020 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F1

Tot Ion	95	Resp	10648
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.8	85.0
132	104.7	74.2	137.8
130	109.6	76.2	141.6

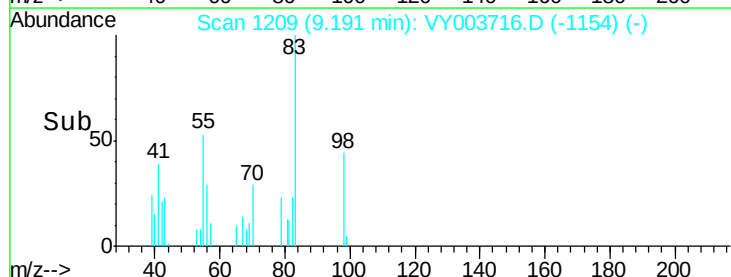
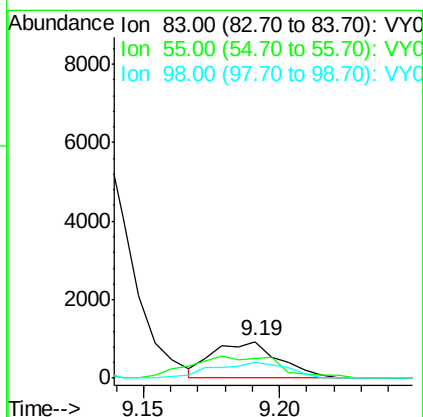
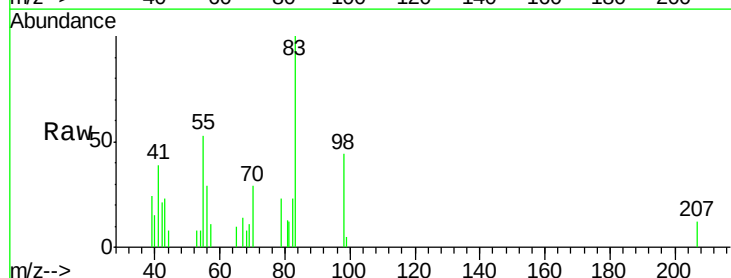
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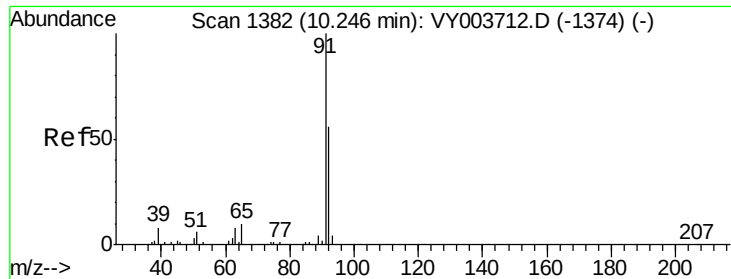
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#36
 Methylcyclohexane
 Concen: 0.337 ug/L
 RT: 9.19 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: VY003716.D
 Acq: 10 Dec 2020 13:57

Tgt Ion	83	Resp	1540
Ion	Ratio	Lower	Upper
83	100		
55	34.3	56.4	84.6#
98	33.6	40.3	60.5#





#44

Toluene

Concen: 1.345 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003716.D

Acq: 10 Dec 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

GB1F1

Tot Ion: 91 Resp: 15432

Ion Ratio Lower Upper

91 100

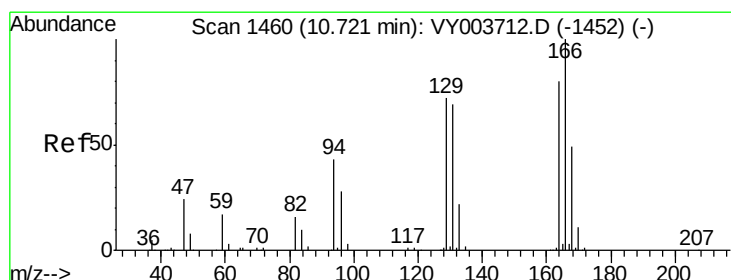
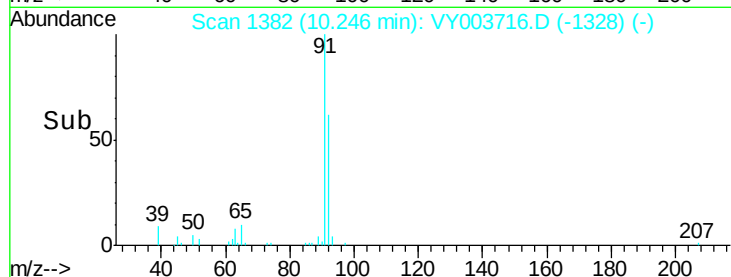
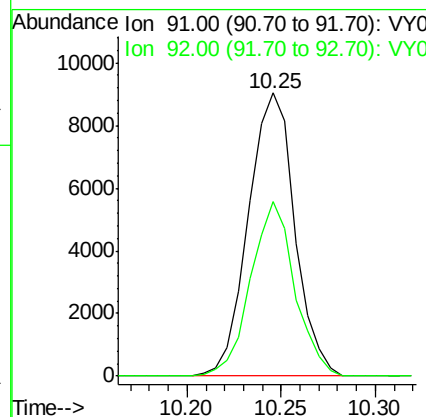
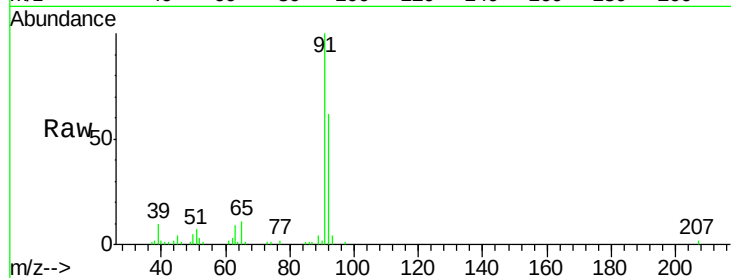
92 61.8 39.8 73.8

Manual Integrations

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#47

Tetrachloroethene

Concen: 102.913 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VY003716.D

Acq: 10 Dec 2020 13:57

Tgt Ion:164 Resp: 239335

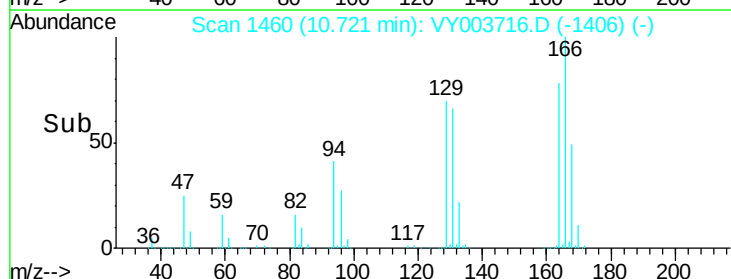
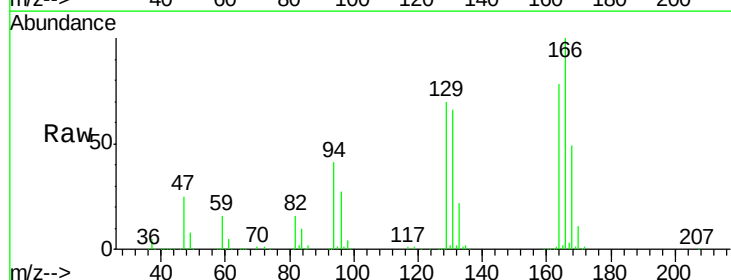
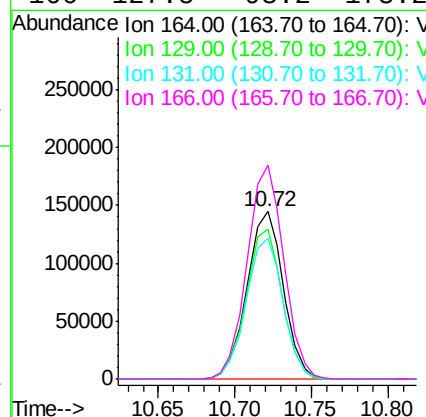
Ion Ratio Lower Upper

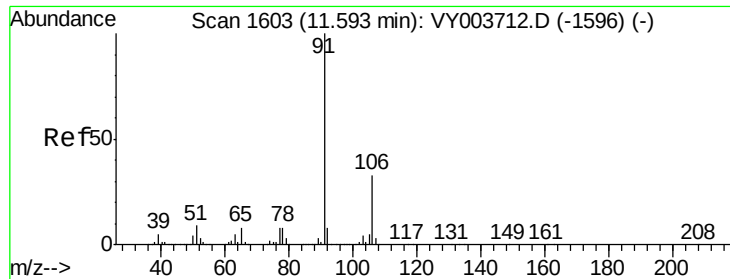
164 100

129 89.2 59.6 110.6

131 84.0 57.9 107.5

166 127.5 93.2 173.2





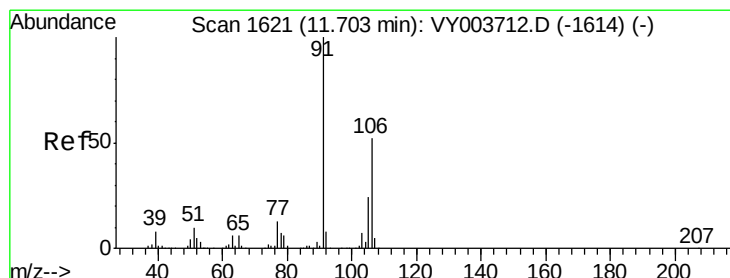
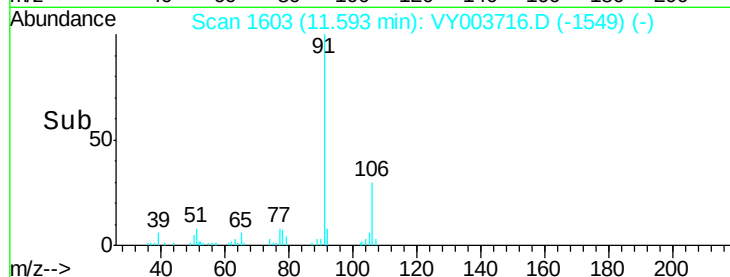
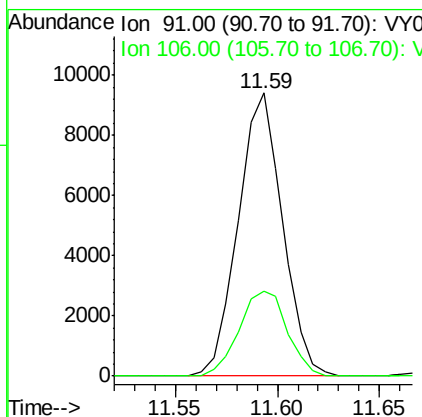
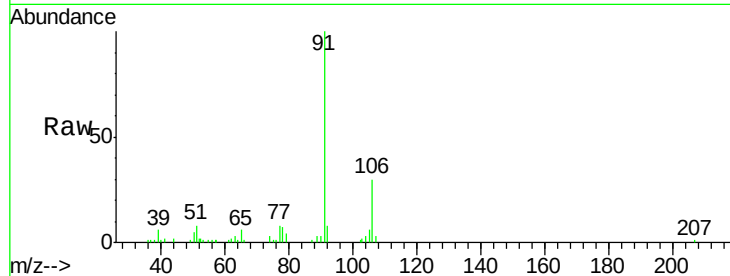
#53
Ethylbenzene
Concen: 1.134 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :
GB1F1

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.9	23.3	43.3	

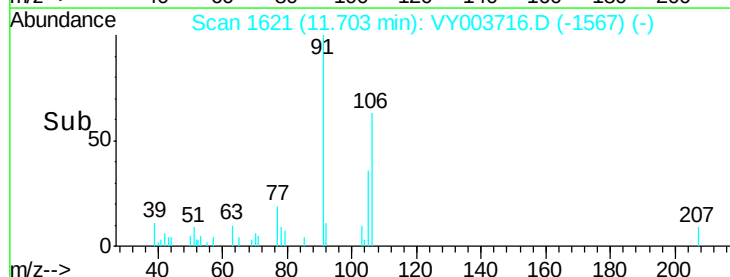
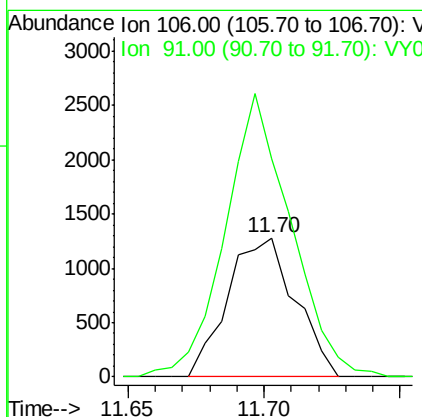
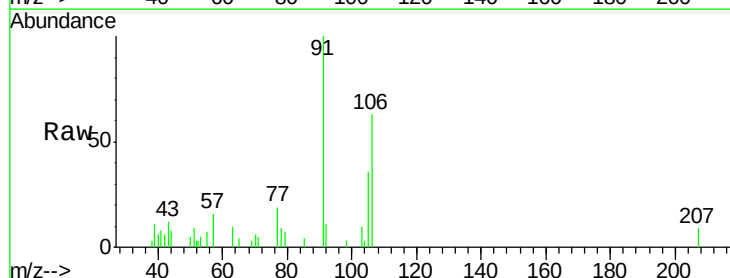
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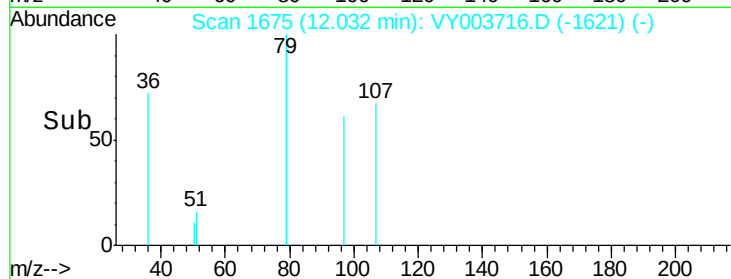
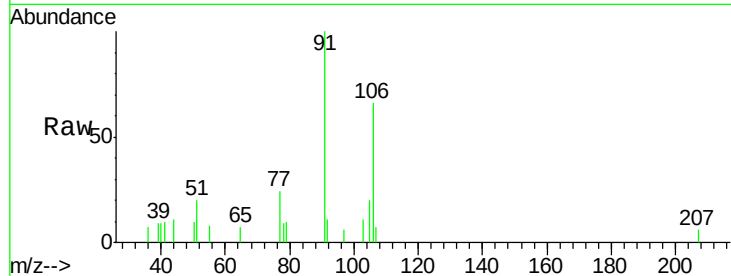
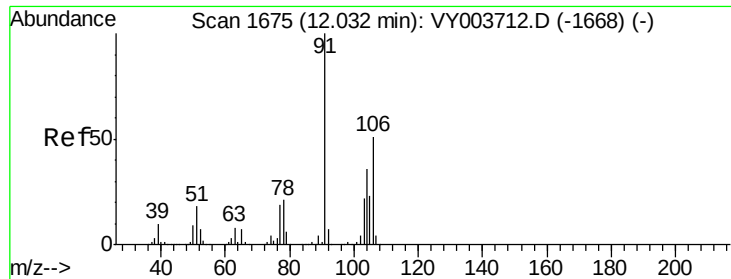
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#54
m,p-Xylene
Concen: 0.456 ug/L
RT: 11.70 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	157.5	131.3	243.9	





#55
o-xylene
Concen: 0.215 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003716.D
Acq: 10 Dec 2020 13:57

Tot Ion	Ratio	Lower	Upper
106	100		
91	151.0	141.7	263.3

Instrument :
MSVOA_Y
ClientSampled :
GB1F1

Manual Integrations
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12/14/2020 9:11:04 AM

