

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000941.D
 Acq On : 13 Dec 2019 12:15
 Operator : SY/MD
 Sample : K4649-03MSD
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Manual Integrations
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Quant Time: Dec 14 06:14:09 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 09:49:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	436733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	400590	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	188942	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	131399	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.75	69	130633	22.54	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	3.86	63	628845	54.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	217.88%#
21) 2-Butanone-d5	6.90	46	187728	64.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.52%
24) Chloroform-d	7.49	84	279713	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.15	65	162402	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
32) Benzene-d6	8.11	84	625450	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	9.13	67	206574	29.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.04%
41) Toluene-d8	10.17	98	565145	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	10.44	79	90389	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
47) 2-Hexanone-d5	10.78	63	150276	68.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.02%#
56) 1,1,2,2-Tetrachloroethane-	12.55	84	208958	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
66) 1,2-Dichlorobenzene-d4	13.72	152	195804	26.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.12%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.87	96	825280	142.262 ug/L #	76
13) Acetone	3.96	43	7431	2.666 ug/L	78
16) Methylene chloride	4.73	84	8068m	1.134 ug/L	
33) Benzene	8.16	78	3959493	150.496 ug/L	100
34) Trichloroethene	8.94	95	971329	139.898 ug/L	95
42) Toluene	10.24	91	4183678	148.904 ug/L	98
51) Chlorobenzene	11.51	112	2661496	148.302 ug/L	97

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

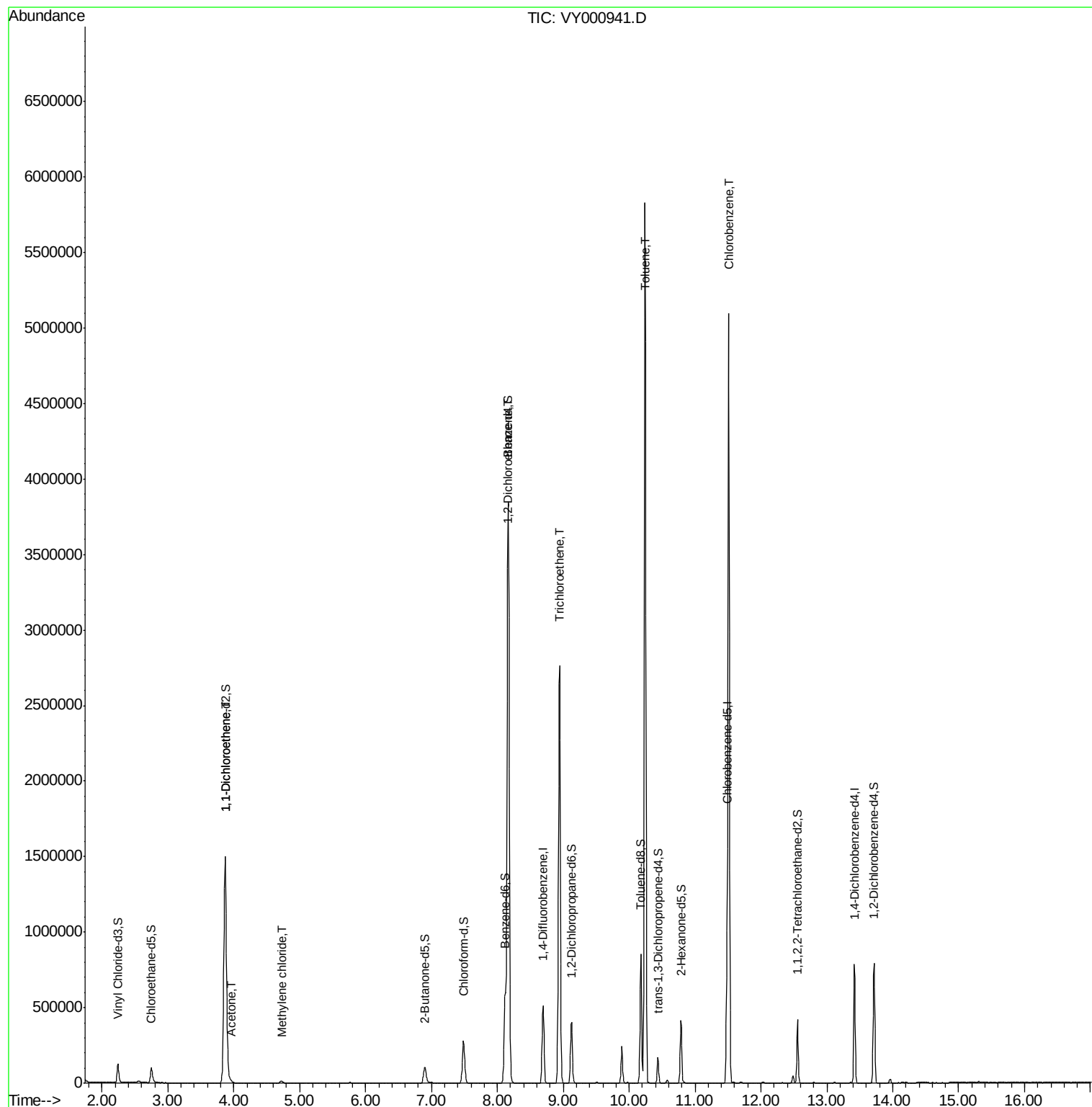
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
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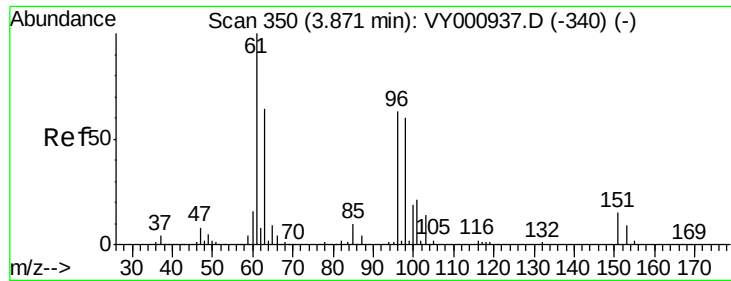
Instrument :
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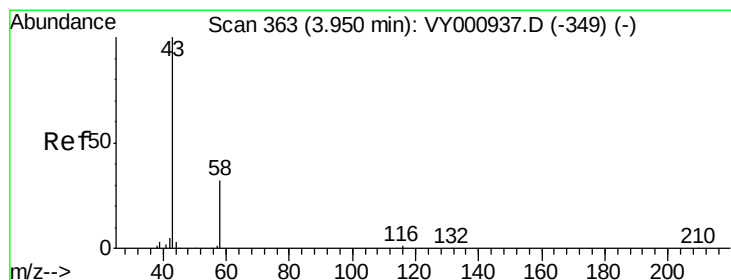
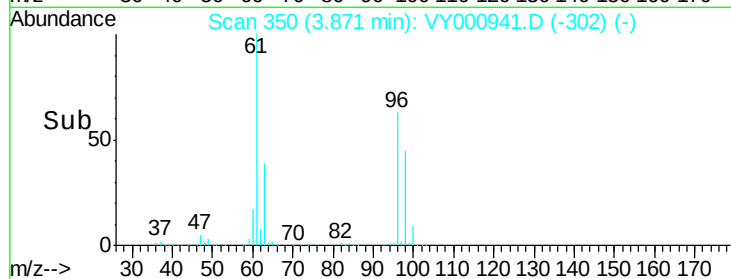
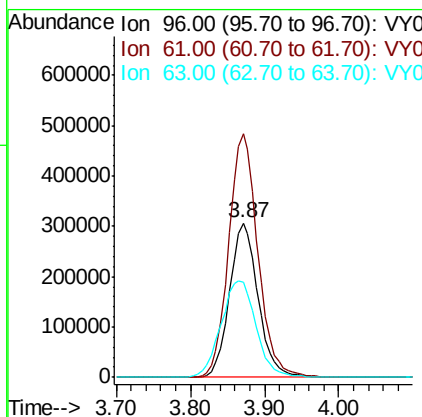
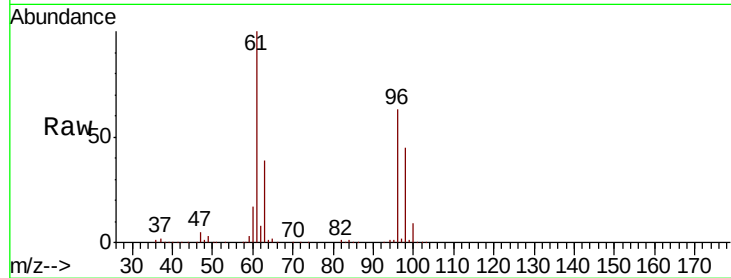
#12
 1,1-Dichloroethene
 Concen: 142.262 ug/L
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000941.D
 Acq: 13 Dec 2019 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.6	118.6	220.2
63	61.3	77.8	144.6

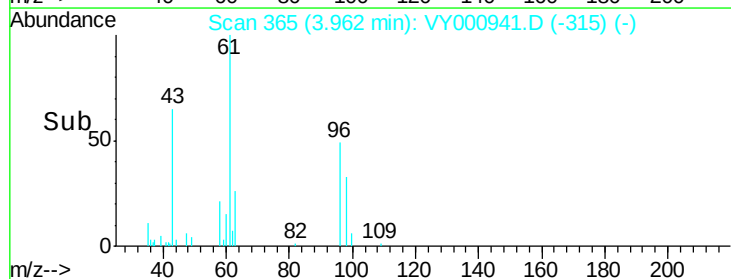
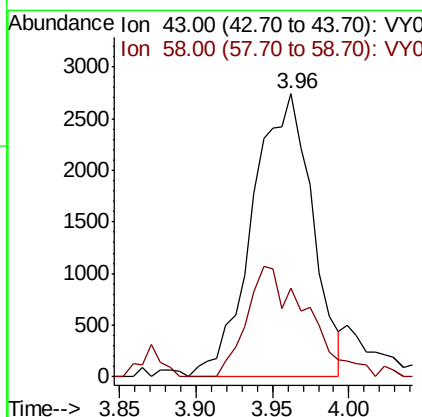
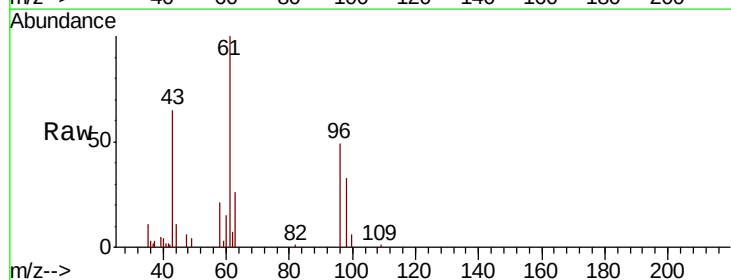
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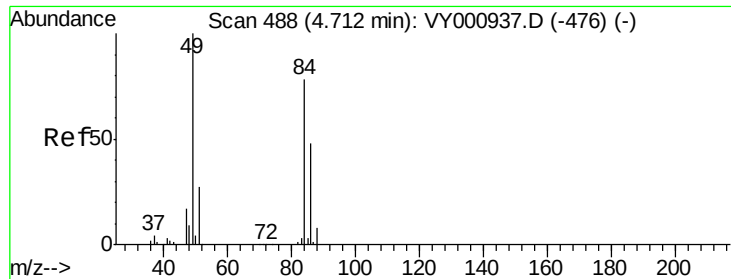
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#13
 Acetone
 Concen: 2.666 ug/L
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000941.D
 Acq: 13 Dec 2019 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.2	0.0	69.6





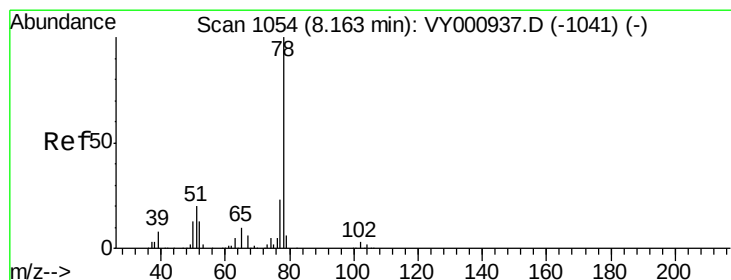
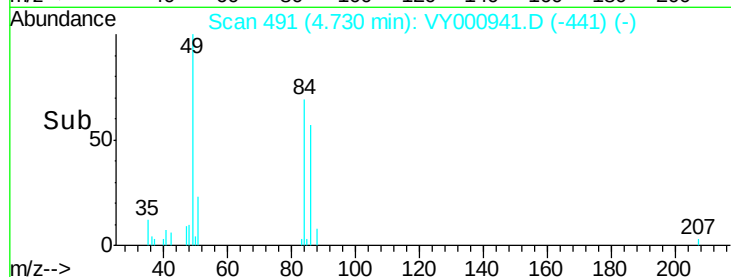
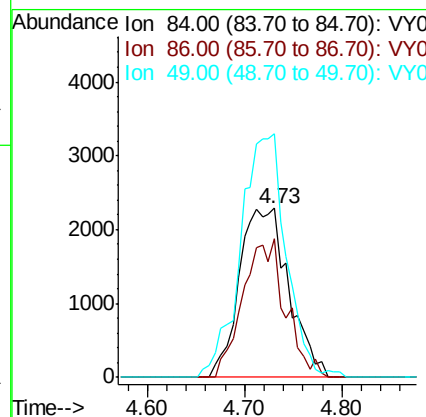
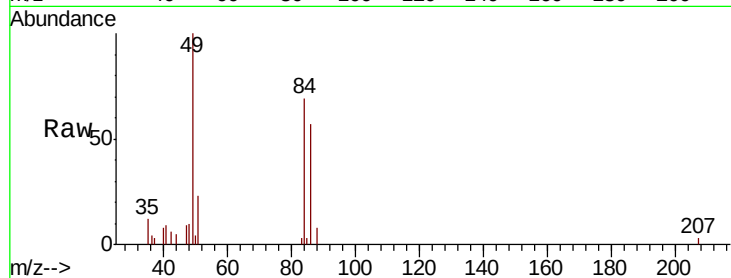
#16
Methvlene chloride
Concen: 1.134 ug/L m
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000941.D
Acq: 13 Dec 2019 12:15

Instrument :
MSVOA_Y
ClientSampleId :
A5167MSD

Tot Ion: 84 Resp: 8068
Ion Ratio Lower Upper
84 100
86 81.7 43.4 80.6#
49 144.0 92.3 171.3

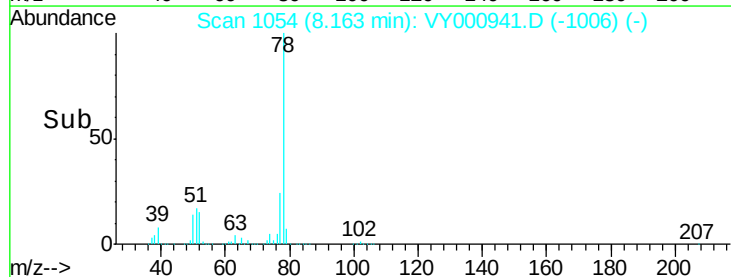
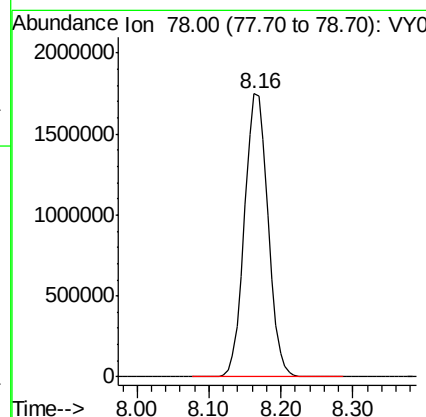
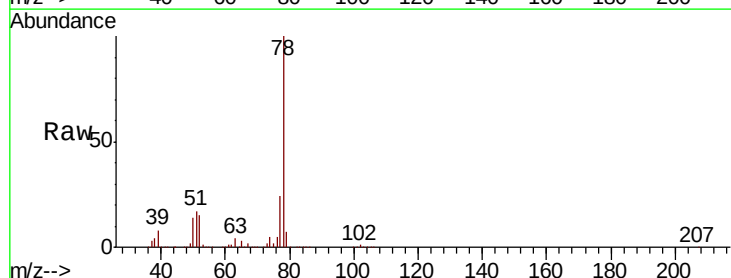
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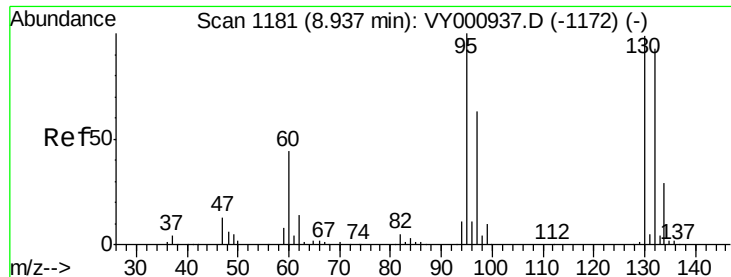
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#33
Benzene
Concen: 150.496 ug/L
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000941.D
Acq: 13 Dec 2019 12:15

Tgt Ion: 78 Resp: 3959493





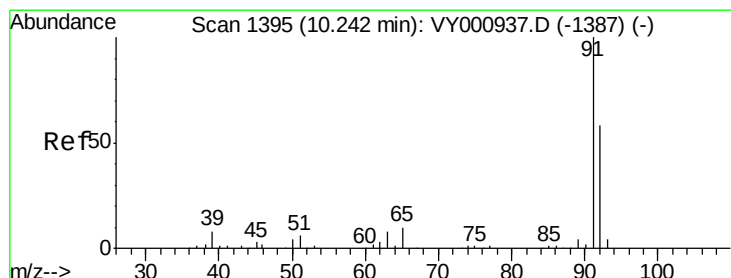
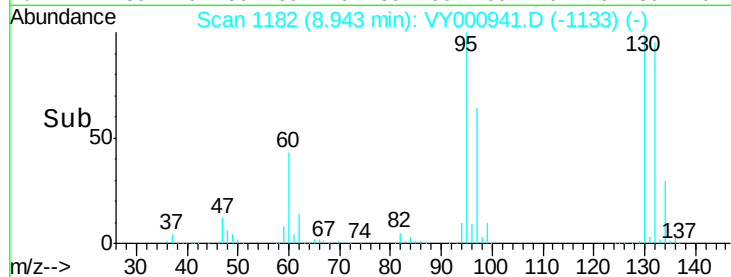
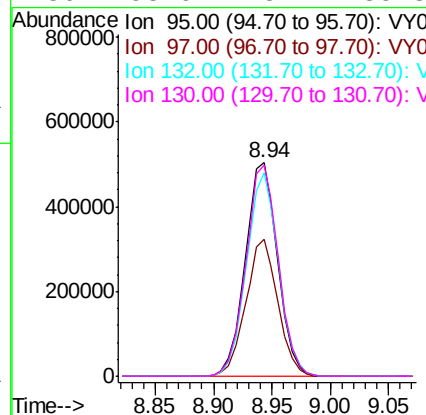
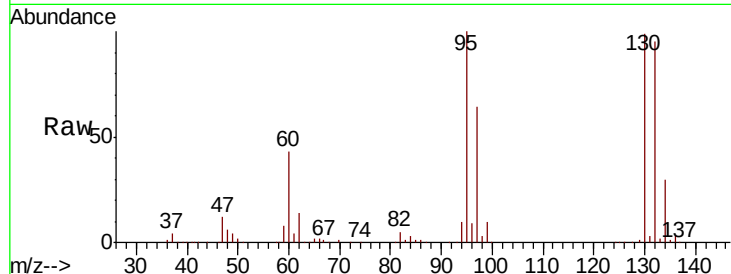
#34
 Trichloroethene
 Concen: 139.898 ug/L
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000941.D
 Acq: 13 Dec 2019 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Tot Ion	95	Resp	971329
Ion	Ratio	Lower	Upper
95	100		
97	64.1	41.4	76.8
132	95.4	69.7	129.4
130	98.9	73.1	135.8

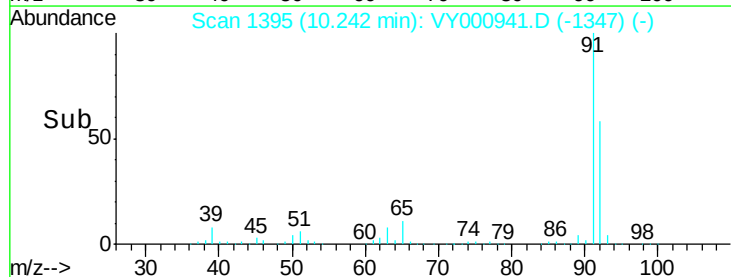
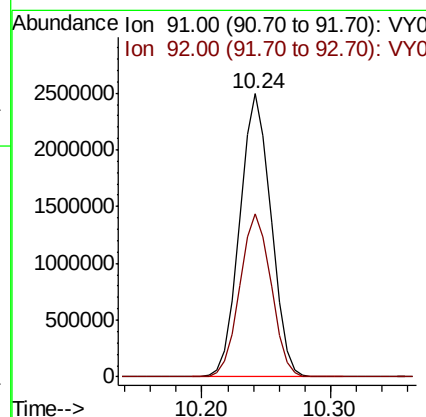
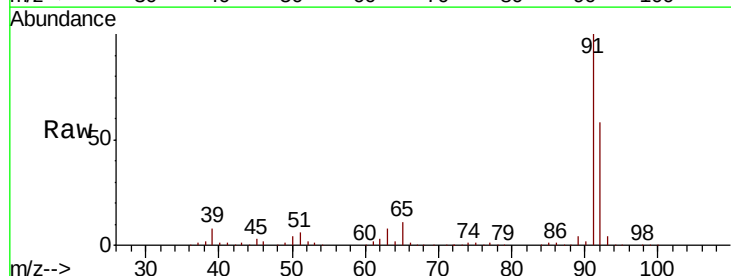
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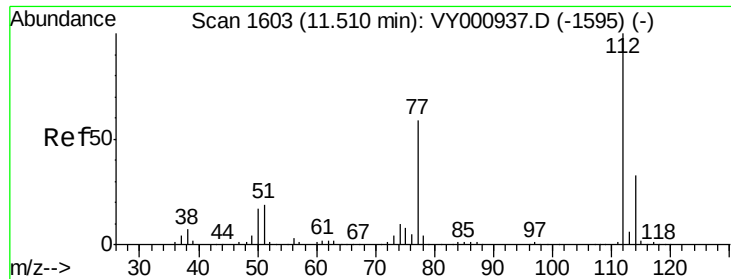
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#42
 Toluene
 Concen: 148.904 ug/L
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY000941.D
 Acq: 13 Dec 2019 12:15

Tgt Ion	91	Resp	4183678
Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.2	76.6





#51
 Chlorobenzene
 Concen: 148.302 ug/L
 RT: 11.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: VY000941.D
 Acq: 13 Dec 2019 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.1	41.1
77	59.7	45.3	67.9

Manual Integrations
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