

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000942.D
 Acq On : 13 Dec 2019 13:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 14 05:58:05 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	447595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	412154	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	189095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	133118	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	2.76	69	131335	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	3.85	63	206763	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
21) 2-Butanone-d5	6.89	46	168570	56.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.62%
24) Chloroform-d	7.49	84	273345	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.14	65	161456	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
32) Benzene-d6	8.11	84	612558	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	9.12	67	199046	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	10.17	98	543832	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	10.43	79	84770	23.12	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
47) 2-Hexanone-d5	10.78	63	130473	57.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.78%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	190794	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	183106	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

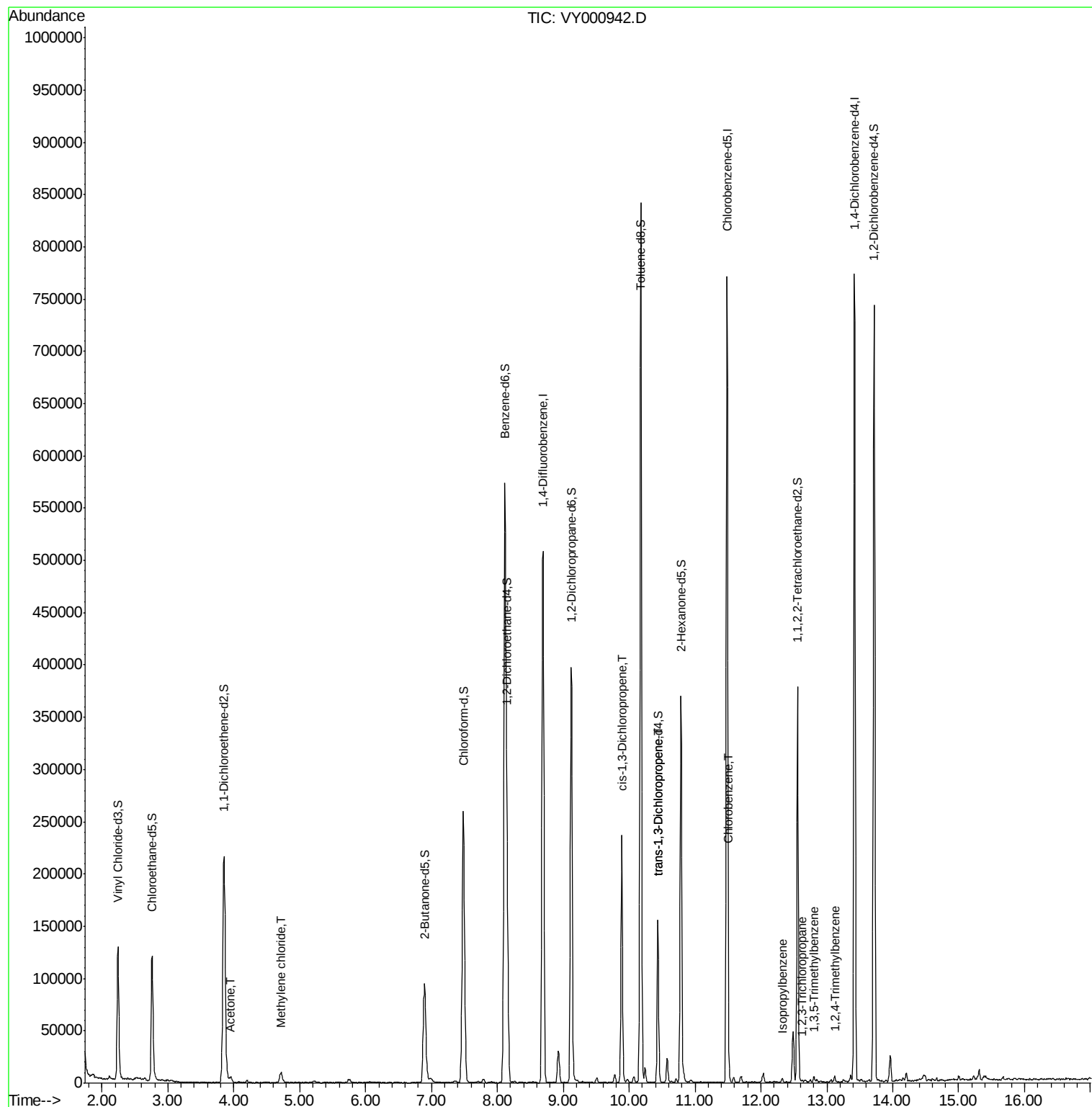
					Ovalue
13) Acetone	3.95	43	7920	2.773 ug/L	86
16) Methylene chloride	4.72	84	3738	0.512 ug/L	87
39) cis-1,3-Dichloropropene	9.89	75	6140	0.555 ug/L #	59
44) trans-1,3-Dichloropropene	10.44	75	4630	0.473 ug/L	97
51) Chlorobenzene	11.51	112	8722	0.472 ug/L	97
60) Isopropylbenzene	12.32	105	2570	0.085 ug/L #	87
61) 1,2,3-Trichloropropane	12.63	75	559	0.093 ug/L #	81
62) 1,3,5-Trimethylbenzene	12.81	105	2447	0.099 ug/L	93
63) 1,2,4-Trimethylbenzene	13.12	105	3001	0.123 ug/L	96

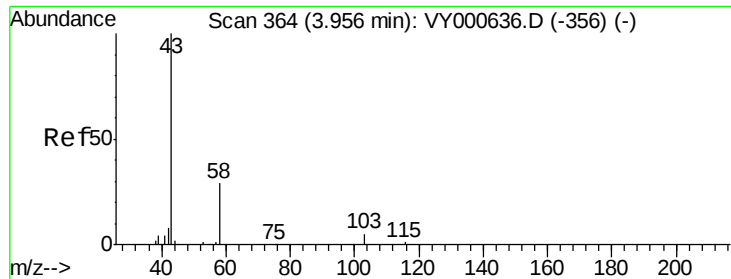
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.773 ug/L

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000942.D

Acq: 13 Dec 2019 13:02

Instrument :

MSVOA_Y

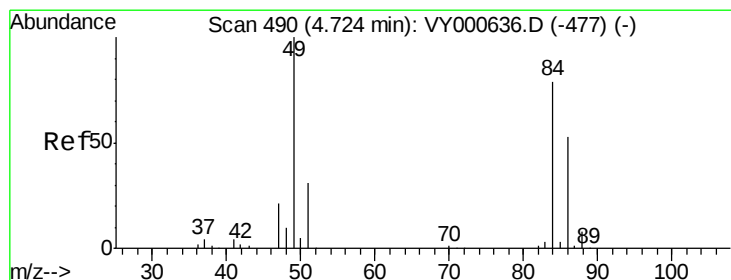
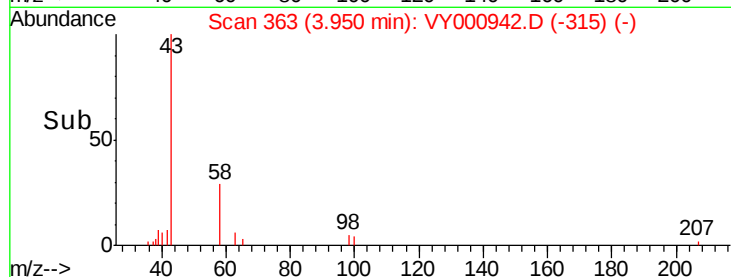
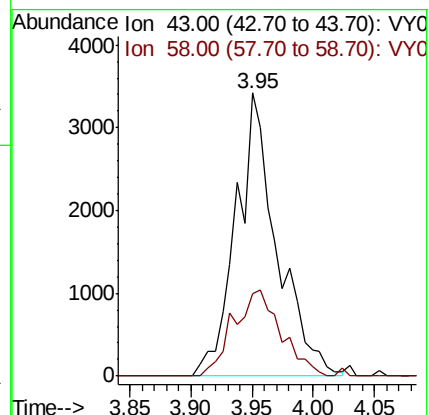
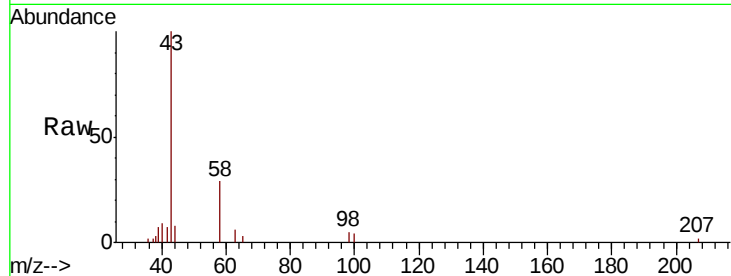
ClientSampleId :

Tot Ion: 43 Resp: 7920

Ion Ratio Lower Upper

43 100

58 26.6 0.0 69.6



#16

Methylene chloride

Concen: 0.512 ug/L

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000942.D

Acq: 13 Dec 2019 13:02

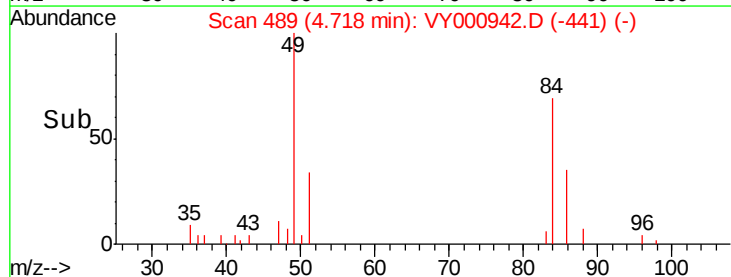
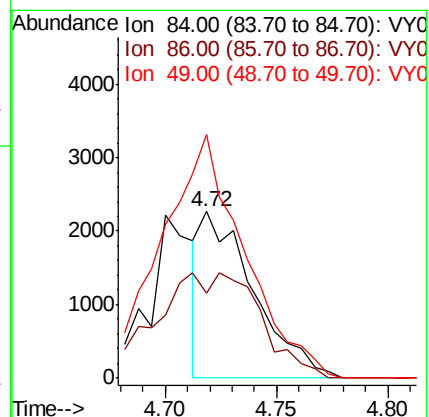
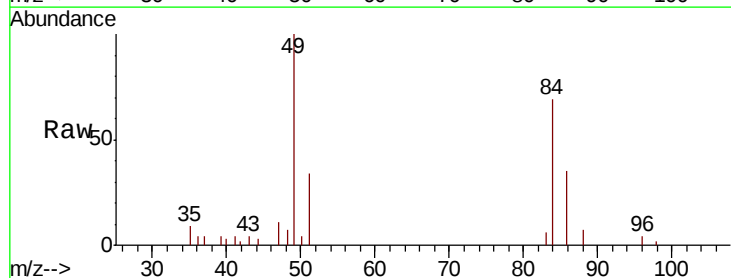
Tgt Ion: 84 Resp: 3738

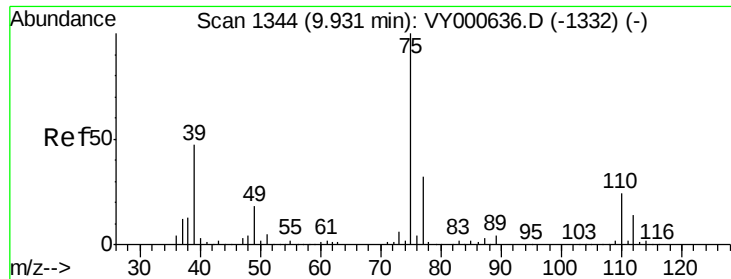
Ion Ratio Lower Upper

84 100

86 51.0 43.4 80.6

49 146.0 92.3 171.3

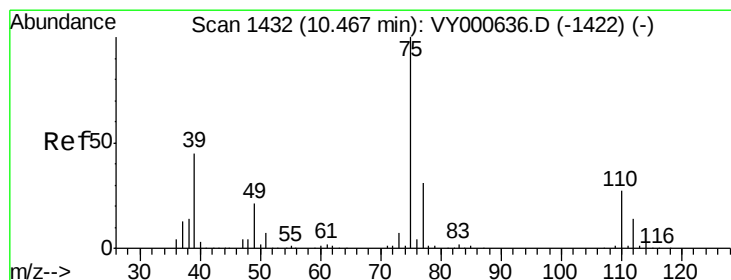
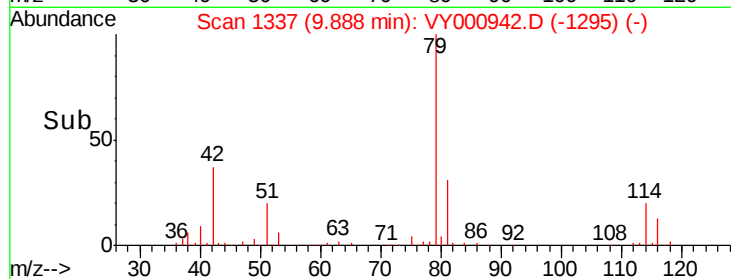
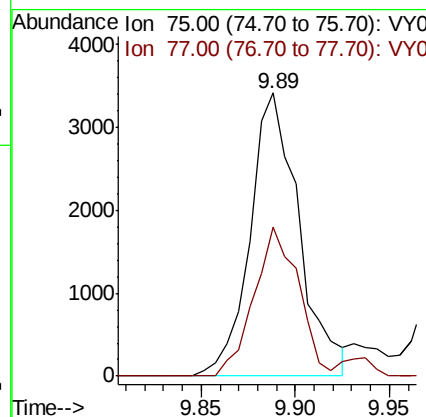
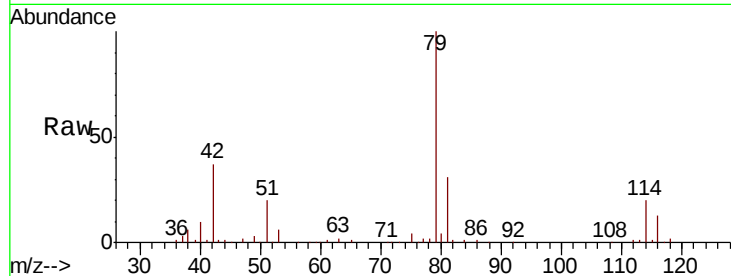




#39
 cis-1,3-Dichloropropene
 Concen: 0.555 ug/L
 RT: 9.89 min Scan# 1337
 Delta R.T. -0.04 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

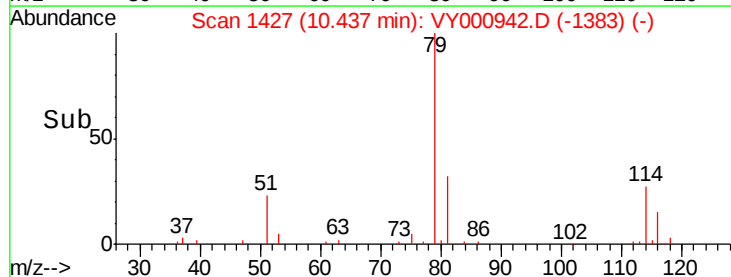
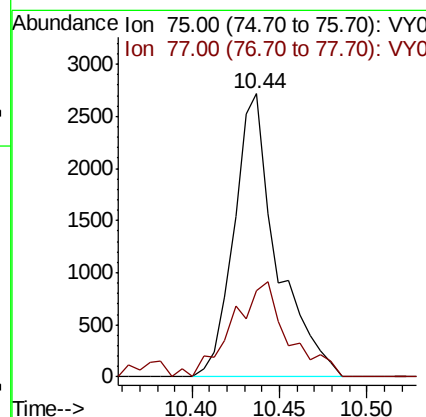
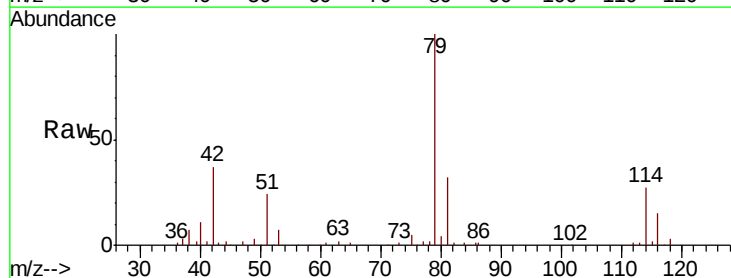
Instrument :
 MSVOA_Y
 ClientSampleId :

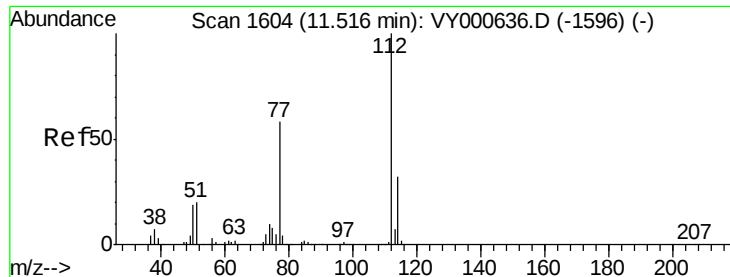
Tot Ion: 75 Resp: 6140
 Ion Ratio Lower Upper
 75 100
 77 52.8 21.3 39.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.473 ug/L
 RT: 10.44 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

Tgt Ion: 75 Resp: 4630
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.7 42.1

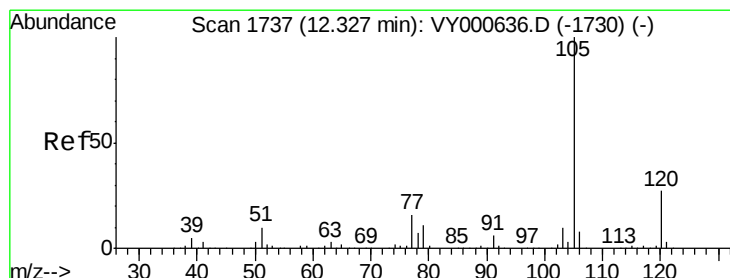
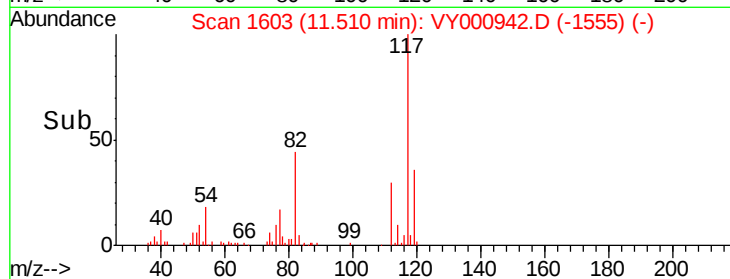
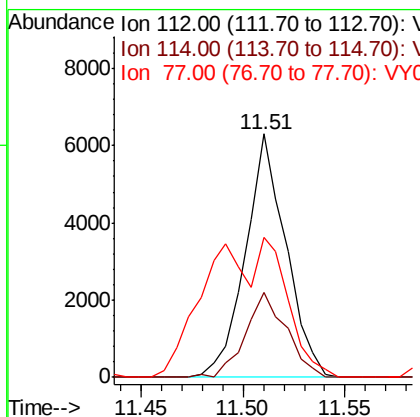
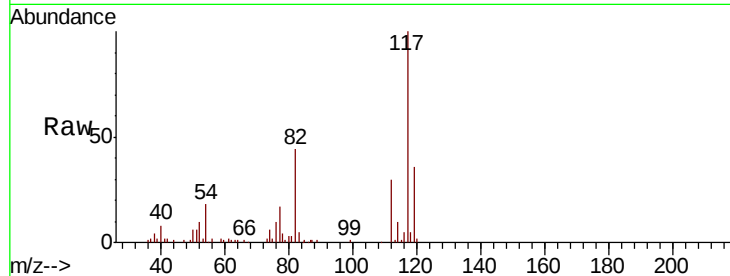




#51
Chlorobenzene
Concen: 0.472 ug/L
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000942.D
Acq: 13 Dec 2019 13:02

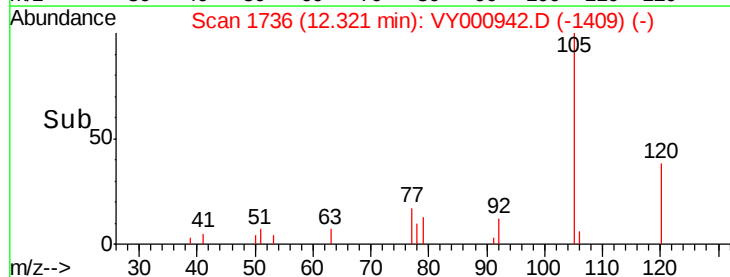
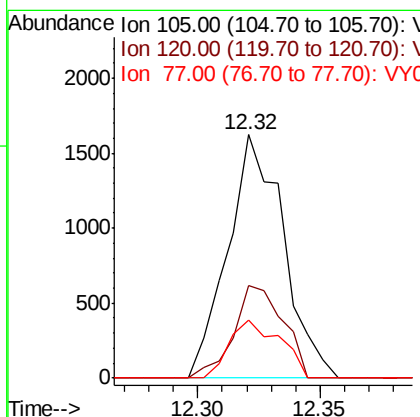
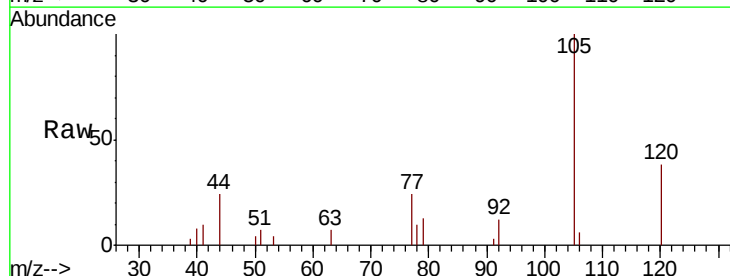
Instrument :
MSVOA_Y
ClientSampleId :

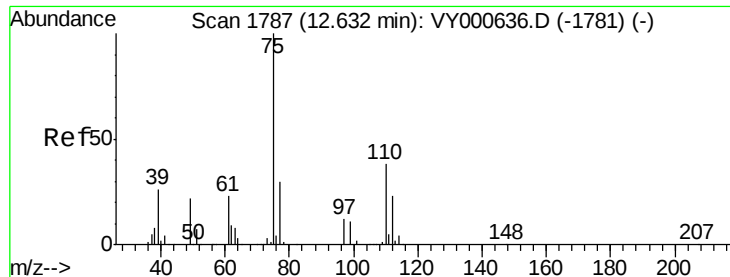
Tot Ion	Ratio	Lower	Upper
112	100		
114	35.1	22.1	41.1
77	57.3	45.3	67.9



#60
Isopropylbenzene
Concen: 0.085 ug/L
RT: 12.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VY000942.D
Acq: 13 Dec 2019 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.6	21.8	32.8#
77	21.7	12.6	19.0#

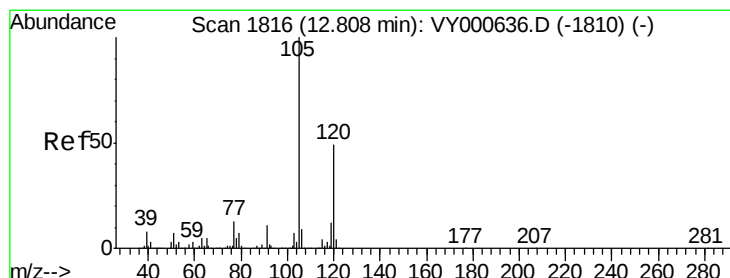
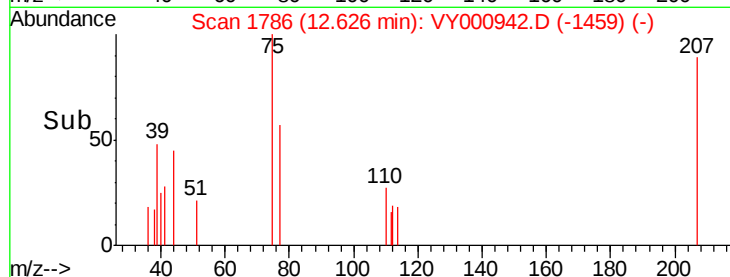
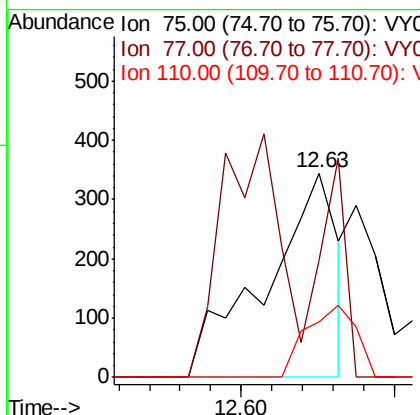
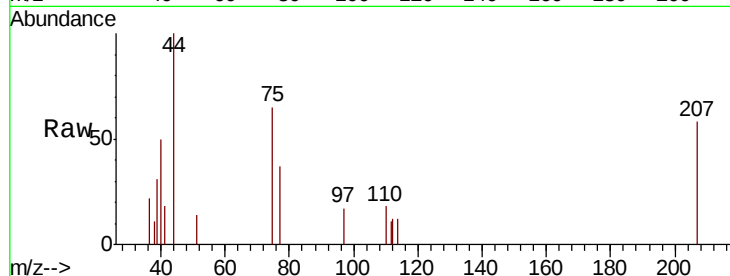




#61
 1,2,3-Trichloropropane
 Concen: 0.093 ug/L
 RT: 12.63 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

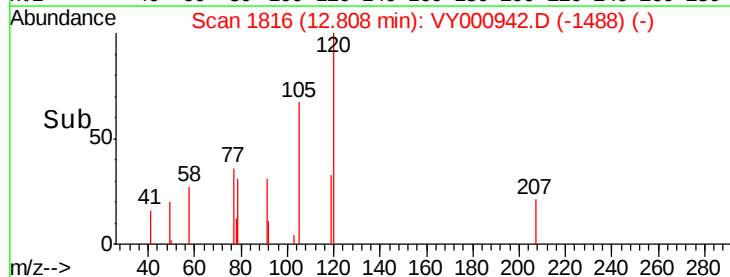
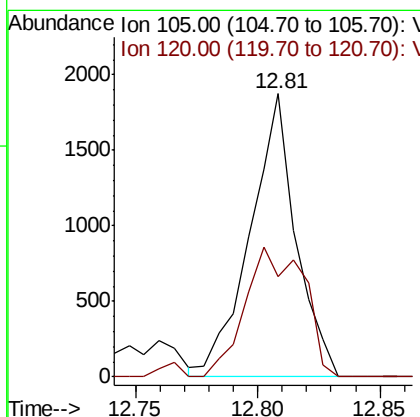
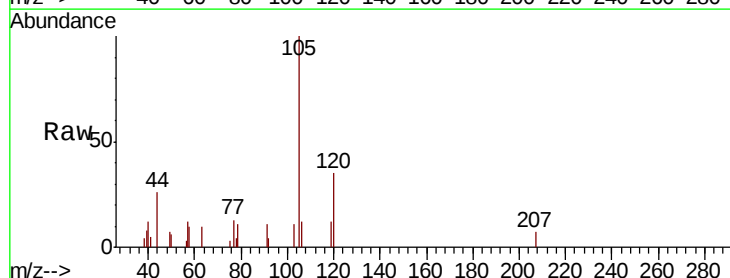
Instrument :
 MSVOA_Y
 ClientSampled :

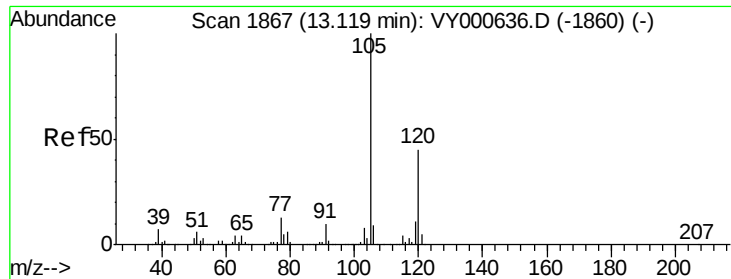
Tot Ion: 75 Resp: 559
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.0
 110 24.7 33.0 49.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.099 ug/L
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

Tgt Ion: 105 Resp: 2447
 Ion Ratio Lower Upper
 105 100
 120 36.2 25.9 38.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.123 ug/L
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000942.D
 Acq: 13 Dec 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:105 Resp: 3001
 Ion Ratio Lower Upper
 105 100
 120 47.9 40.3 60.5

