

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
 Data File : VY003641.D
 Acq On : 02 Dec 2020 10:52
 Operator : SY/MD
 Sample : VY1202SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK421

Quant Time: Dec 03 01:04:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 01:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	220449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	202145	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	95647	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	69655	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
7) Chloroethane-d5	2.77	69	56363	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
11) 1,1-Dichloroethene-d2	3.86	63	111337	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.68%
21) 2-Butanone-d5	6.90	46	70768	57.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.46%
24) Chloroform-d	7.49	84	140177	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.15	65	76396	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
32) Benzene-d6	8.12	84	294396	25.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	9.12	67	88976	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.72%
41) Toluene-d8	10.18	98	260886	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	10.44	79	40138	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
47) 2-Hexanone-d5	10.79	63	52662	56.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.66%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	88666	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
66) 1,2-Dichlorobenzene-d4	13.72	152	90237	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

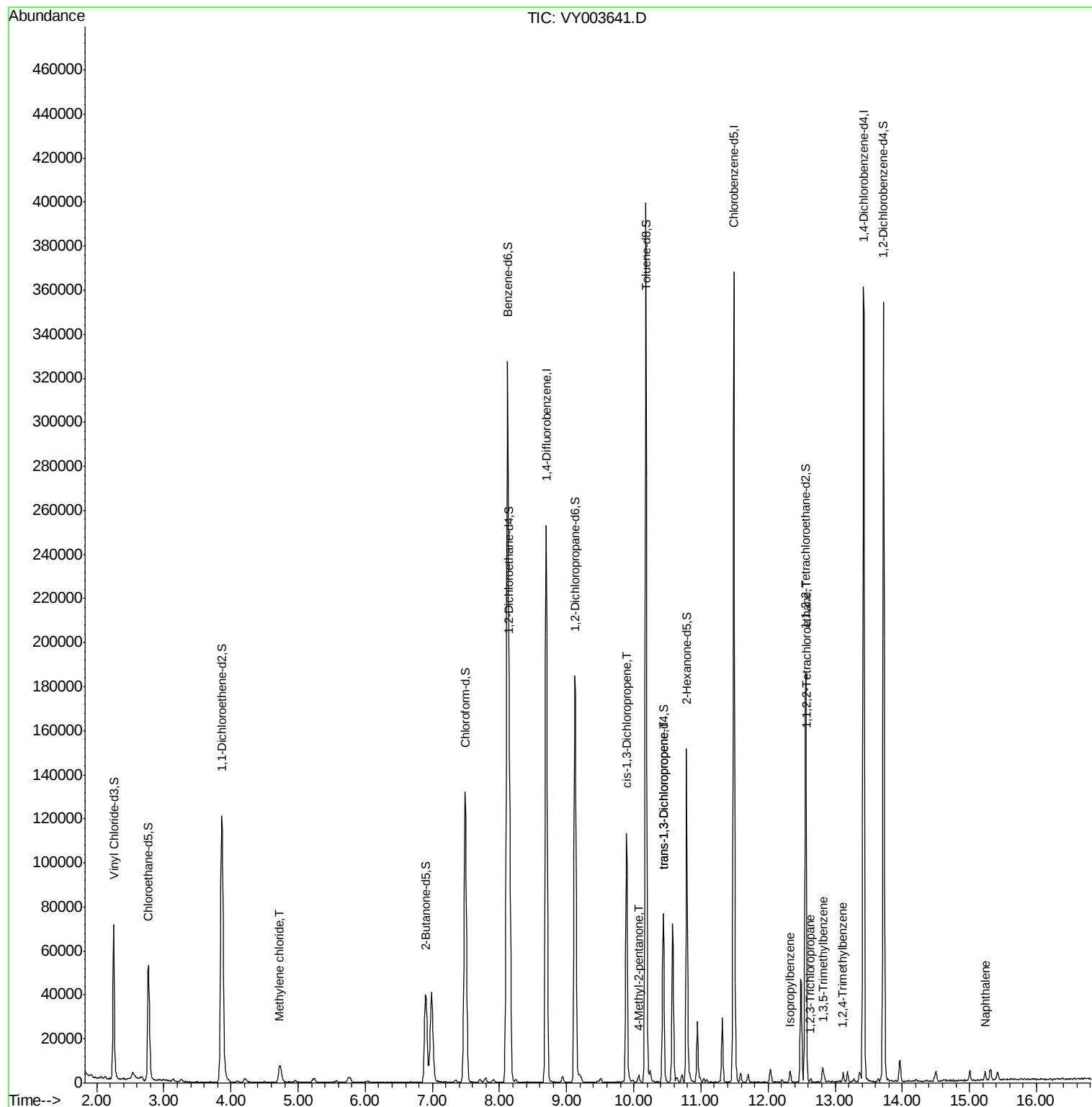
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.72	84	5306	1.426	ug/L	97
39) cis-1,3-Dichloropropene	9.89	75	2984	0.616	ug/L	94
40) 4-Methyl-2-pentanone	10.07	43	2301	0.836	ug/L #	93
44) trans-1,3-Dichloropropene	10.45	75	3030	0.678	ug/L #	72
57) 1,1,2,2-Tetrachloroethane	12.57	83	1377	0.395	ug/L #	64
60) Isopropylbenzene	12.32	105	2596	0.212	ug/L #	84
61) 1,2,3-Trichloropropane	12.64	75	732	0.320	ug/L	94
62) 1,3,5-Trimethylbenzene	12.81	105	2415	0.249	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	2407	0.251	ug/L	97
71) Naphthalene	15.23	128	3300	0.427	ug/L	98

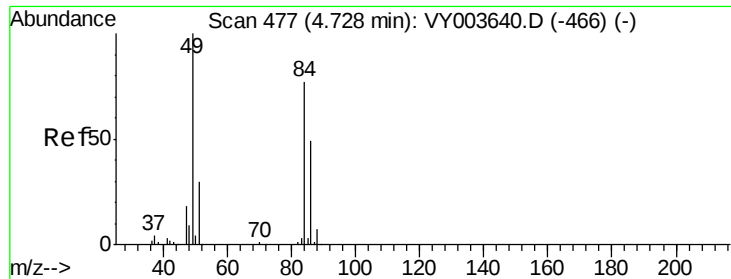
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK421

Quant Time: Dec 03 01:04:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 01:04:03 2020
Response via : Initial Calibration

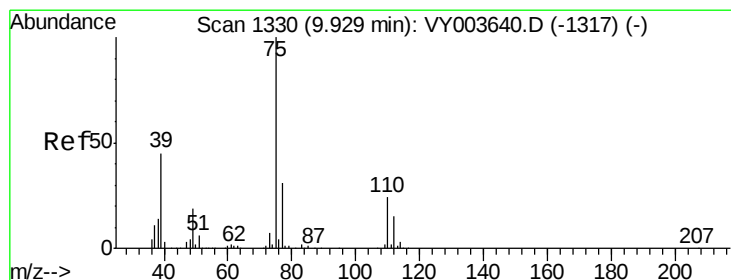
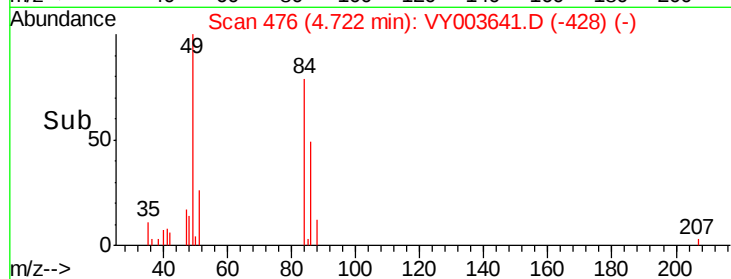
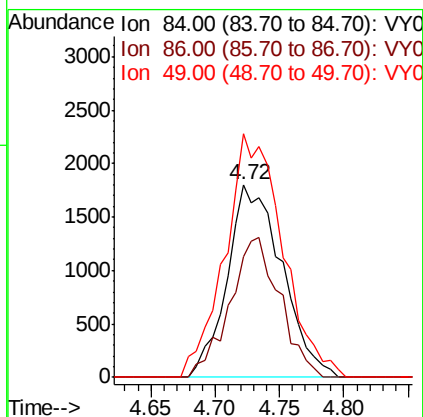
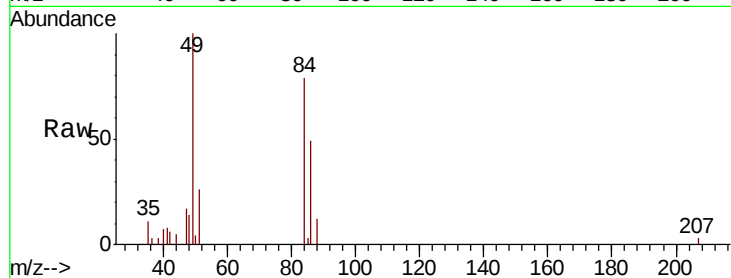




#16
Methvlene chloride
Concen: 1.426 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003641.D
Acq: 02 Dec 2020 10:52

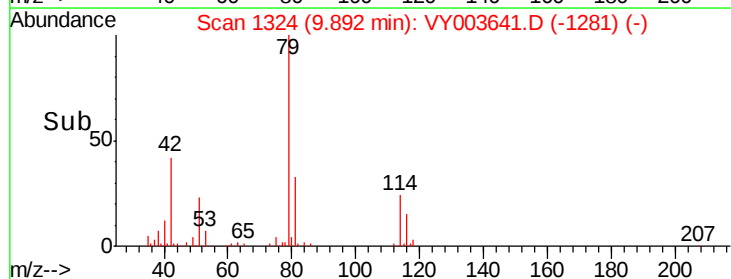
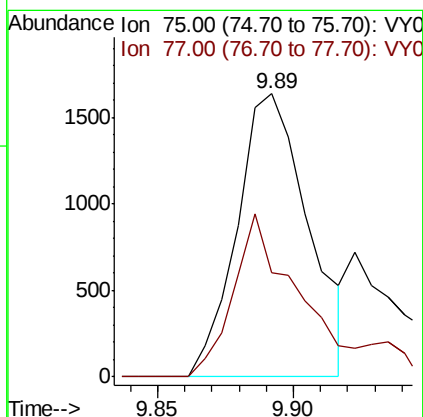
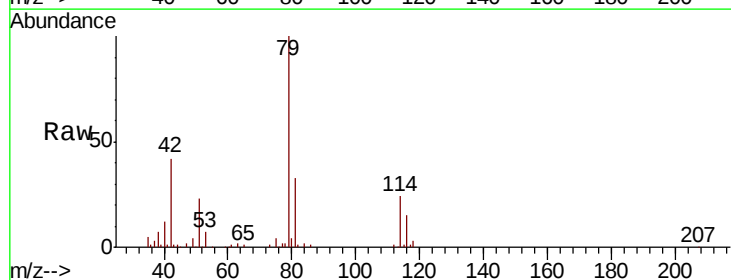
Instrument :
MSVOA_Y
ClientSampleId :
VBLK421

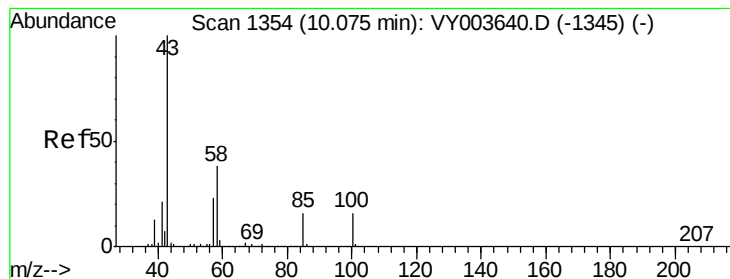
Tot Ion: 84 Resp: 5306
Ion Ratio Lower Upper
84 100
86 62.5 43.3 80.3
49 126.5 85.3 158.5



#39
cis-1,3-Dichloropropene
Concen: 0.616 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003641.D
Acq: 02 Dec 2020 10:52

Tgt Ion: 75 Resp: 2984
Ion Ratio Lower Upper
75 100
77 37.0 23.5 43.7





#40

4-Methyl-2-pentanone

Concen: 0.836 ug/L

RT: 10.07 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VY003641.D

Acq: 02 Dec 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

VBLK421

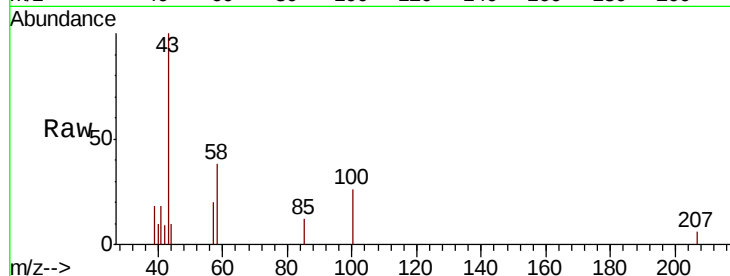
Tot Ion: 43 Resp: 2301

Ion Ratio Lower Upper

43 100

58 42.1 30.7 46.1

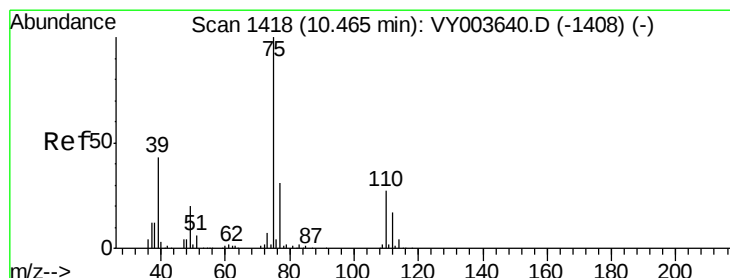
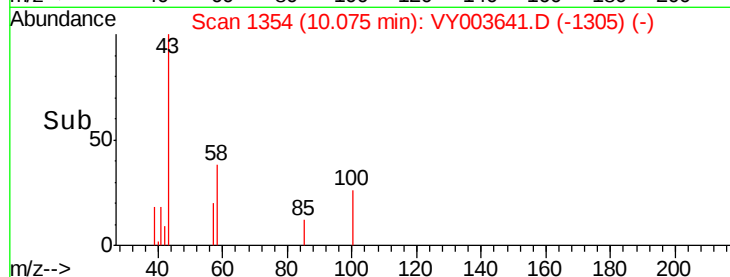
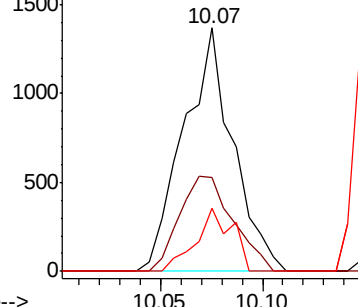
100 19.1 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003641.D (-1345) (-)

Ion 58.00 (57.70 to 58.70): VY003641.D (-1345) (-)

Ion 100.00 (99.70 to 100.70): VY003641.D (-1345) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 10.45 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VY003641.D

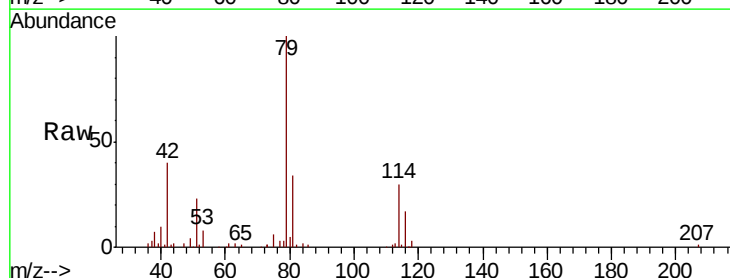
Acq: 02 Dec 2020 10:52

Tgt Ion: 75 Resp: 3030

Ion Ratio Lower Upper

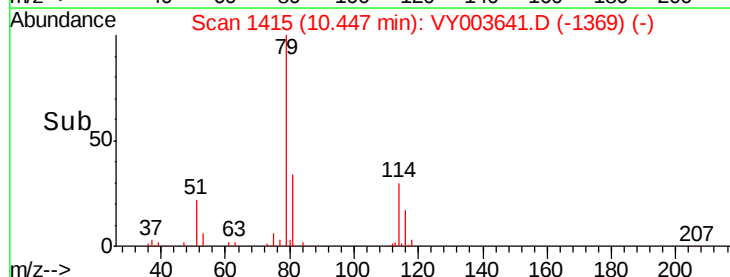
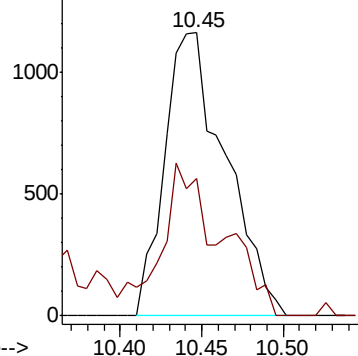
75 100

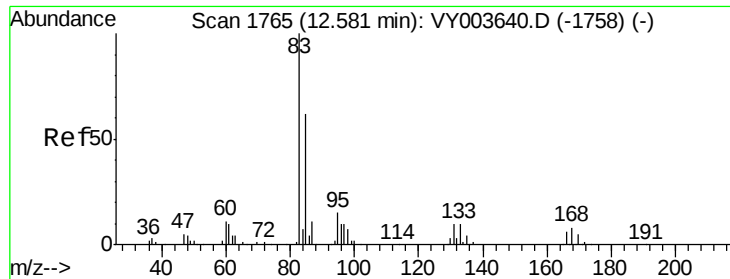
77 48.7 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VY003641.D (-1369) (-)

Ion 77.00 (76.70 to 77.70): VY003641.D (-1369) (-)

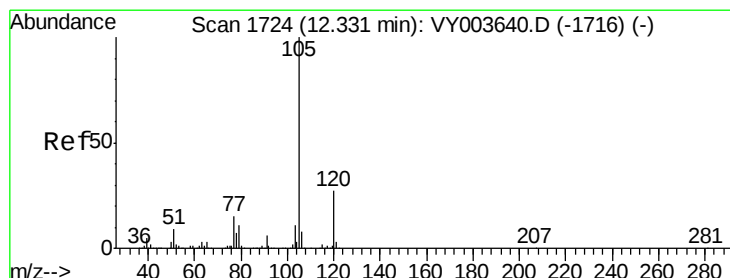
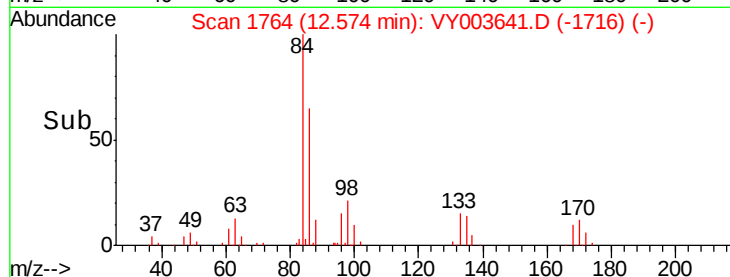
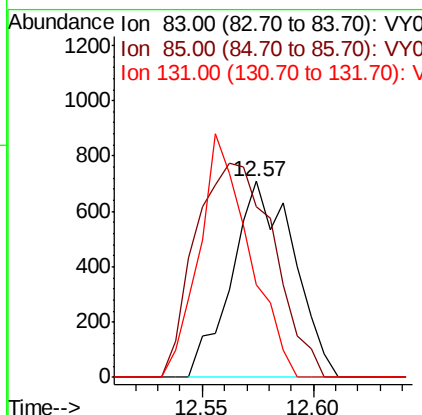
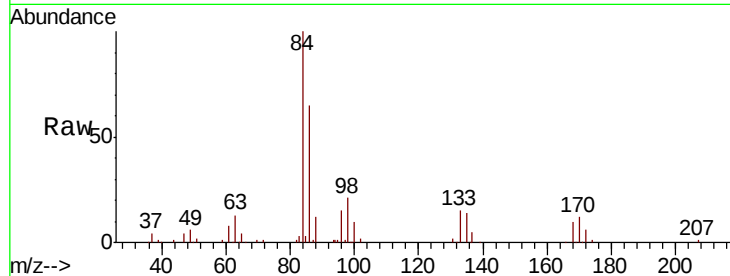




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.395 ug/L
 RT: 12.57 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: VY003641.D
 Acq: 02 Dec 2020 10:52

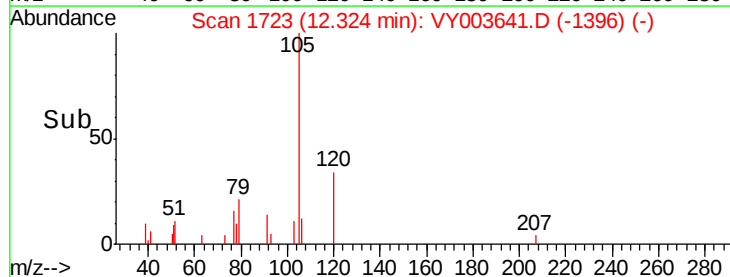
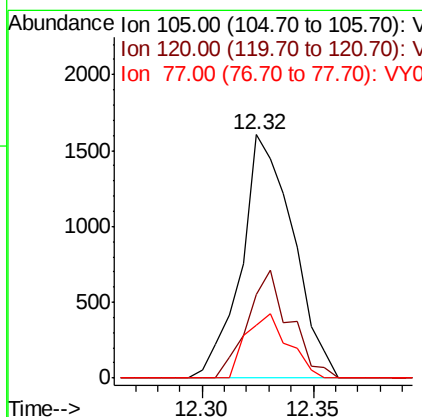
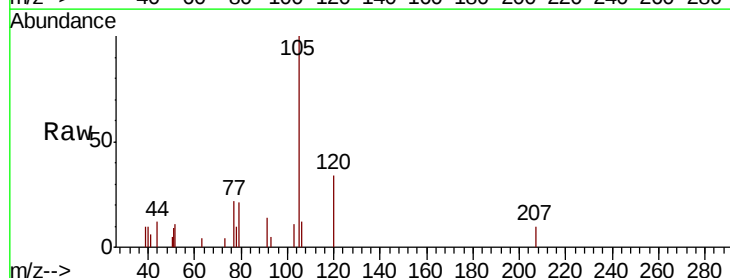
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK421

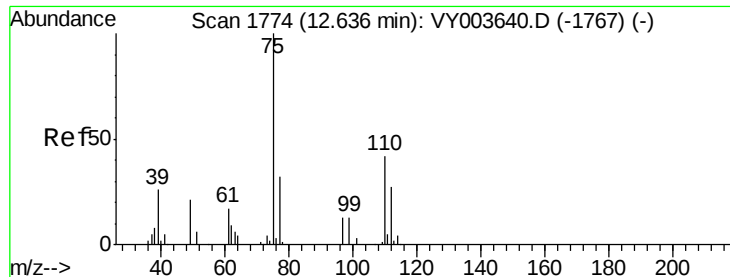
Tot Ion: 83 Resp: 1377
 Ion Ratio Lower Upper
 83 100
 85 86.9 46.1 85.7#
 131 47.0 8.1 12.1#



#60
 Isopropylbenzene
 Concen: 0.212 ug/L
 RT: 12.32 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: VY003641.D
 Acq: 02 Dec 2020 10:52

Tgt Ion: 105 Resp: 2596
 Ion Ratio Lower Upper
 105 100
 120 36.2 22.0 33.0#
 77 21.5 12.1 18.1#





#61

1,2,3-Trichloropropane

Concen: 0.320 ug/L

RT: 12.64 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VY003641.D

Acq: 02 Dec 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

VBLK421

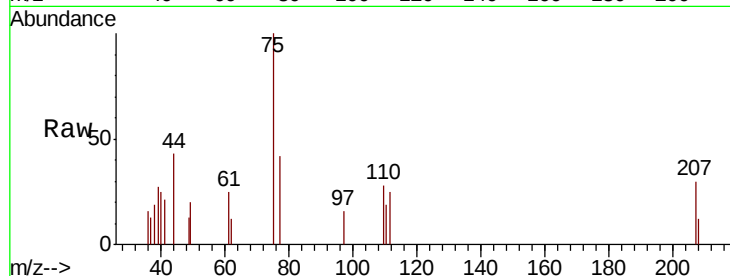
Tot Ion: 75 Resp: 732

Ion Ratio Lower Upper

75 100

77 33.2 26.3 39.5

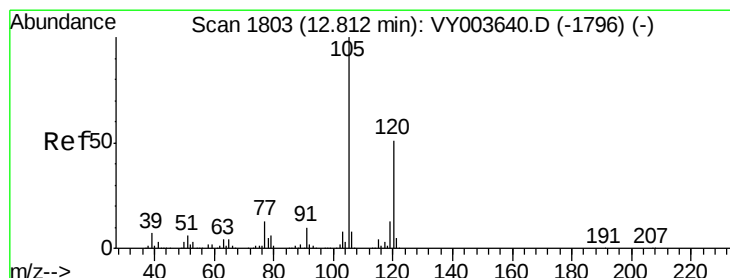
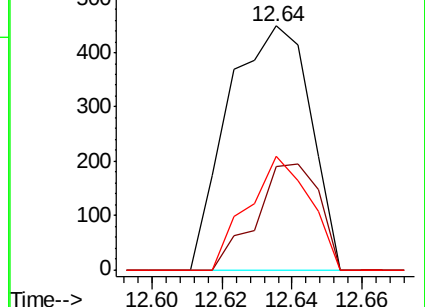
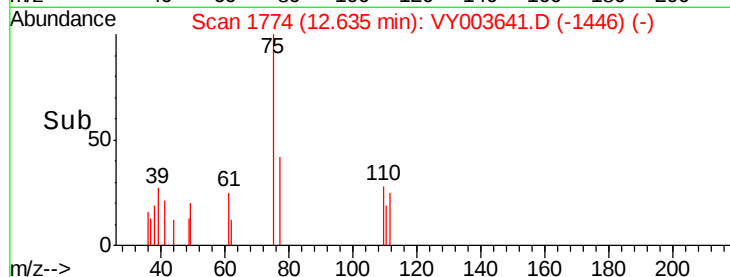
110 35.0 33.0 49.4



Abundance Ion 75.00 (74.70 to 75.70): VY003641.D (-1767) (-)

Ion 77.00 (76.70 to 77.70): VY003641.D (-1767) (-)

Ion 110.00 (109.70 to 110.70): VY003641.D (-1767) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.249 ug/L

RT: 12.81 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY003641.D

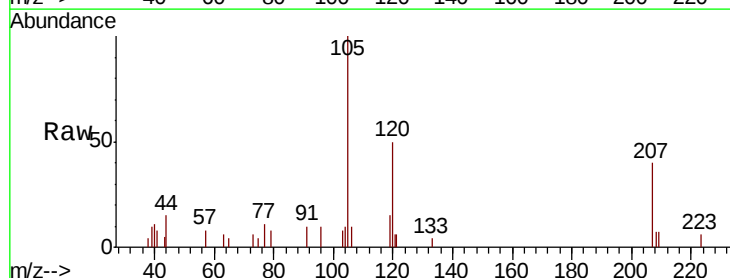
Acq: 02 Dec 2020 10:52

Tgt Ion: 105 Resp: 2415

Ion Ratio Lower Upper

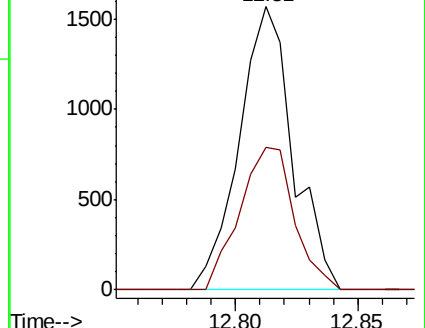
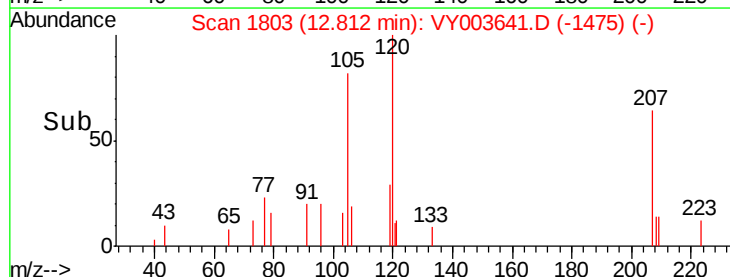
105 100

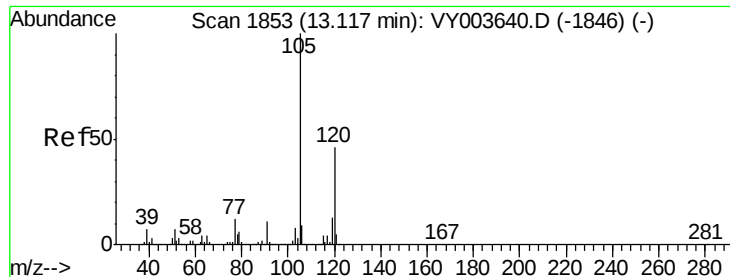
120 51.1 40.4 60.6



Abundance Ion 105.00 (104.70 to 105.70): VY003641.D (-1475) (-)

Ion 120.00 (119.70 to 120.70): VY003641.D (-1475) (-)





#63

1,2,4-Trimethylbenzene

Concen: 0.251 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VY003641.D

Acq: 02 Dec 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

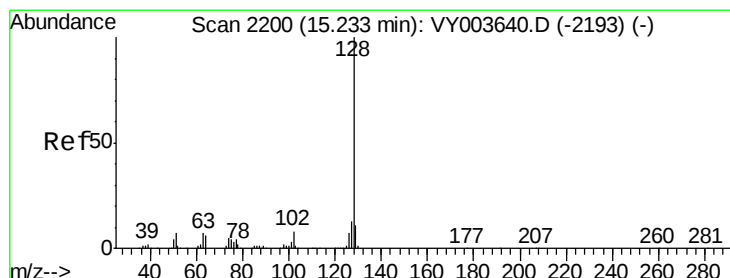
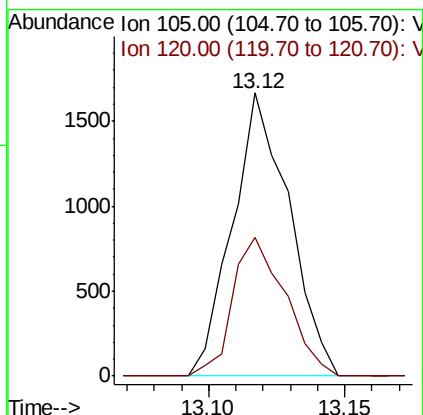
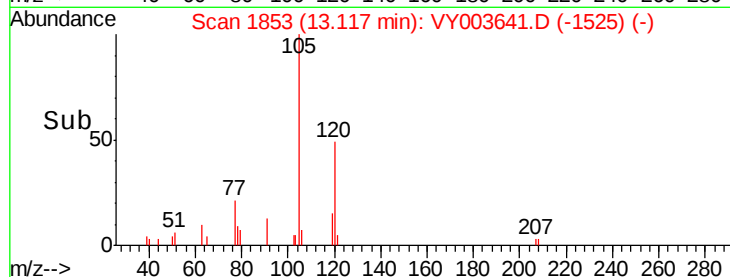
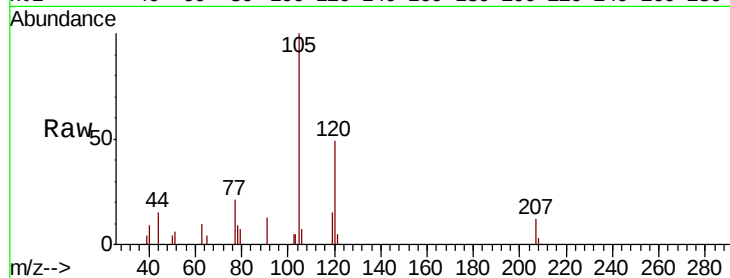
VBLK421

Tot Ion:105 Resp: 2407

Ion Ratio Lower Upper

105 100

120 45.7 38.0 57.0



#71

Naphthalene

Concen: 0.427 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VY003641.D

Acq: 02 Dec 2020 10:52

Tgt Ion:128 Resp: 3300

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 10.9 8.5 12.7

