

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003626.D
 Acq On : 25 Nov 2020 17:53
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV402

Quant Time: Nov 26 05:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 05:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	239932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	225470	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	116481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	77899	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.77	69	60479	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
11) 1,1-Dichloroethene-d2	3.86	63	151334	22.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.12%
21) 2-Butanone-d5	6.90	46	64864	50.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.38%
24) Chloroform-d	7.48	84	151501	24.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	8.15	65	83092	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
32) Benzene-d6	8.12	84	311102	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	9.12	67	94847	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	10.18	98	282394	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	10.43	79	45725	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.88%
47) 2-Hexanone-d5	10.79	63	51574	52.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.14%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	97212	24.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.84%
66) 1,2-Dichlorobenzene-d4	13.72	152	102346	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.91	85	69093	24.102	ug/L	100
3) Chloromethane	2.12	50	77026	23.552	ug/L	100
5) Vinyl chloride	2.26	62	82330	23.561	ug/L	97
6) Bromomethane	2.66	94	53416	23.059	ug/L	98
8) Chloroethane	2.80	64	51206	24.526	ug/L	97
9) Trichlorofluoromethane	3.14	101	123230	23.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	77572	23.435	ug/L	100
12) 1,1-Dichloroethene	3.89	96	75340	24.172	ug/L	94
13) Acetone	3.97	43	42881	40.717	ug/L	91
14) Carbon disulfide	4.20	76	252874	23.817	ug/L	99
15) Methyl Acetate	4.49	43	54980	24.334	ug/L	100
16) Methylene chloride	4.73	84	95210	19.910	ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	83376	24.668	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	208482	25.029	ug/L	99
19) 1,1-Dichloroethane	6.03	63	143232	24.346	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	91053	25.198	ug/L	96
22) 2-Butanone	7.00	43	75362	47.340	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003626.D
 Acq On : 25 Nov 2020 17:53
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV402

Quant Time: Nov 26 05:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 05:16:51 2020
 Response via : Initial Calibration

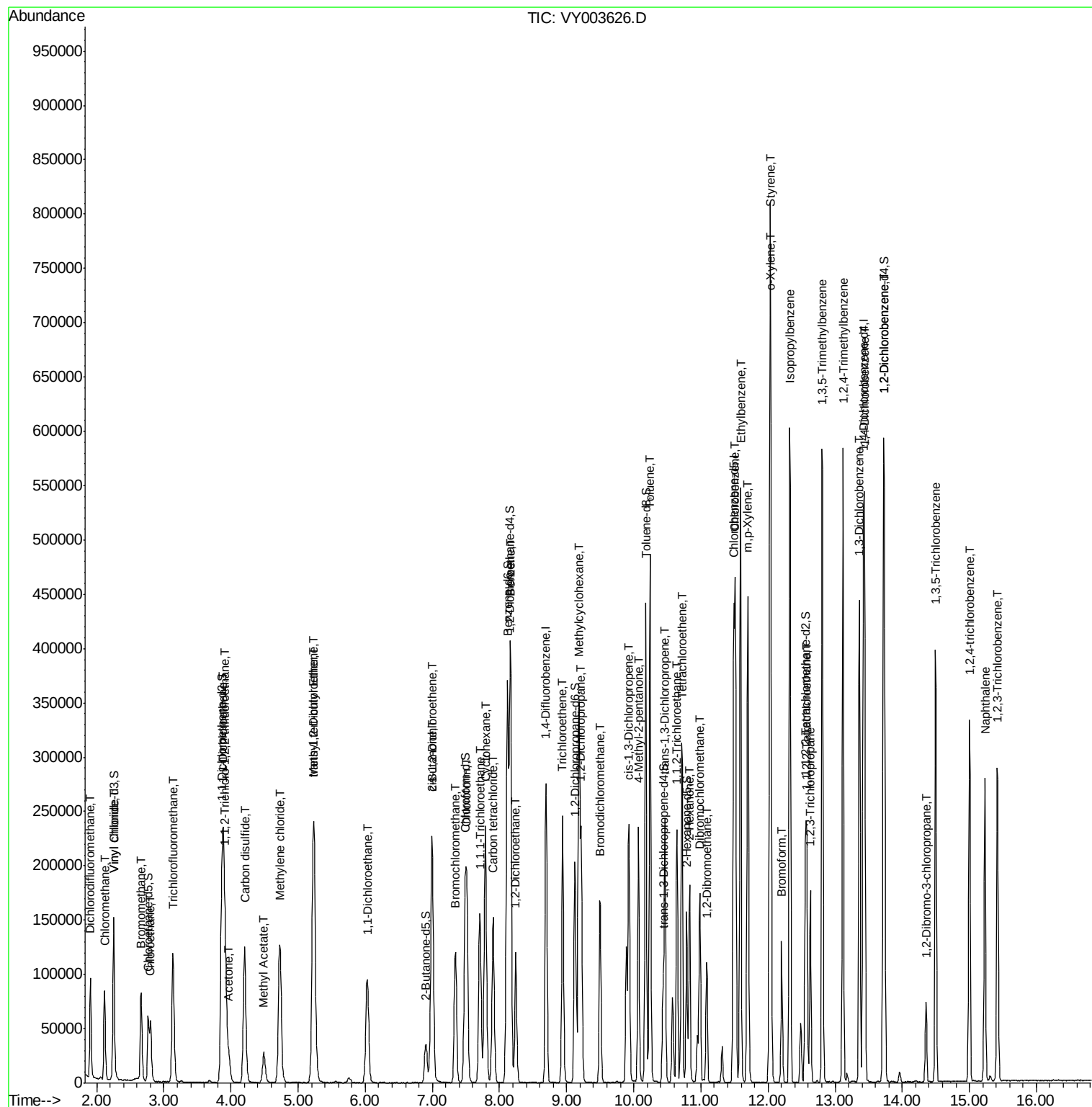
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	43318	24.482	ug/L	96
25) Chloroform	7.51	83	144613	24.458	ug/L	98
27) 1,2-Dichloroethane	8.24	62	96471	24.567	ug/L	96
29) Cyclohexane	7.79	56	131761	24.250	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	127696	23.892	ug/L	100
31) Carbon tetrachloride	7.90	117	113721	23.476	ug/L	99
33) Benzene	8.17	78	335788	24.243	ug/L	100
34) Trichloroethene	8.94	95	81517	23.661	ug/L	95
35) Methylcyclohexane	9.18	83	141755	23.807	ug/L	98
37) 1,2-Dichloropropane	9.22	63	86354	24.797	ug/L	98
38) Bromodichloromethane	9.50	83	108965	24.537	ug/L	97
39) cis-1,3-Dichloropropene	9.93	75	135530	24.863	ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	154245	50.143	ug/L	99
42) Toluene	10.25	91	361896	24.717	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	123698	24.729	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	70035	24.173	ug/L	96
46) Tetrachloroethene	10.72	164	70297	23.447	ug/L	97
48) 2-Hexanone	10.83	43	112541	51.283	ug/L	99
49) Dibromochloromethane	10.98	129	84241	24.758	ug/L	99
50) 1,2-Dibromoethane	11.09	107	69483	24.936	ug/L	100
51) Chlorobenzene	11.51	112	227844	24.501	ug/L	99
52) Ethylbenzene	11.59	91	384164	24.426	ug/L	100
53) m,p-Xylene	11.70	106	149764	24.850	ug/L	98
54) o-Xylene	12.03	106	143652	25.044	ug/L	95
55) Styrene	12.04	104	249619	25.385	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	94612	24.725	ug/L	99
59) Bromoform	12.20	173	57356	24.715	ug/L	99
60) Isopropylbenzene	12.32	105	376899	24.617	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	67452	24.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	300767	24.971	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	297171	25.111	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	177707	24.448	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	176988	23.777	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	165482	24.544	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	15809	24.985	ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	118499	23.570	ug/L	98
70) 1,2,4-trichlorobenzene	15.00	180	102271	23.619	ug/L	100
71) Naphthalene	15.23	128	227311	25.214	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	97031	24.438	ug/L	99

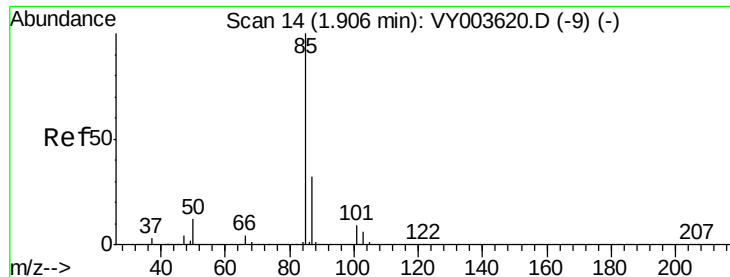
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
Data File : VY003626.D
Acq On : 25 Nov 2020 17:53
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VICV402

Quant Time: Nov 26 05:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 26 05:16:51 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 24.102 ug/L

RT: 1.91 min Scan# 14

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

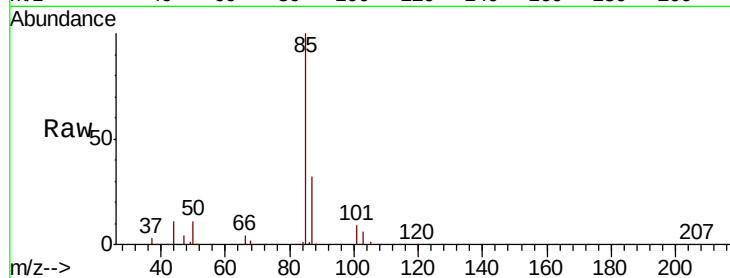
VICV402

Tot Ion: 85 Resp: 69093

Ion Ratio Lower Upper

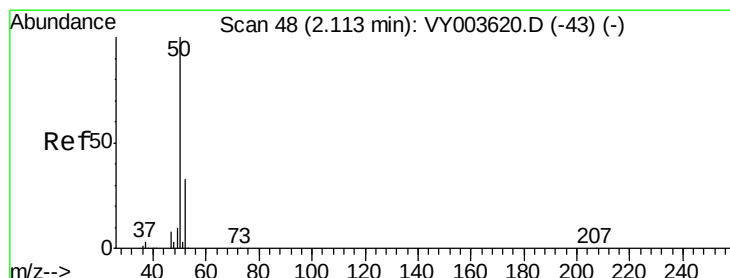
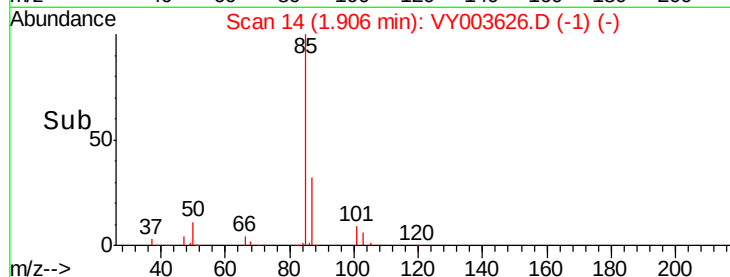
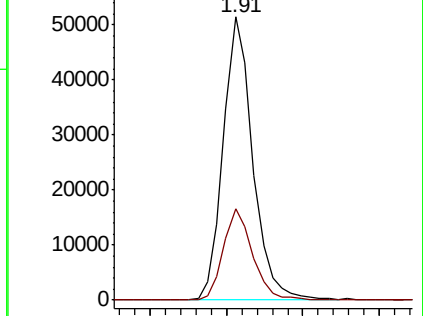
85 100

87 32.0 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VY003626.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VY003626.D (-9) (-)



#3

Chloromethane

Concen: 23.552 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.01 min

Lab File: VY003626.D

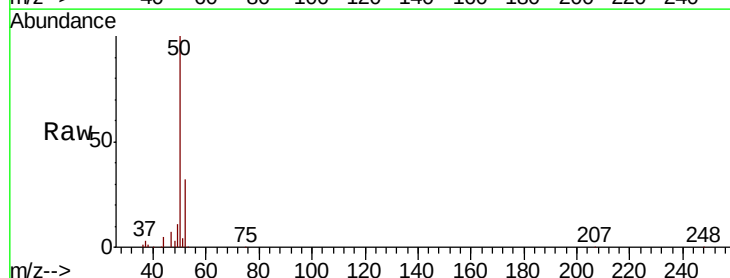
Acq: 25 Nov 2020 17:53

Tgt Ion: 50 Resp: 77026

Ion Ratio Lower Upper

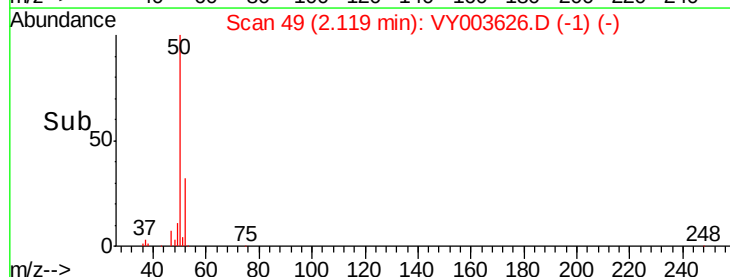
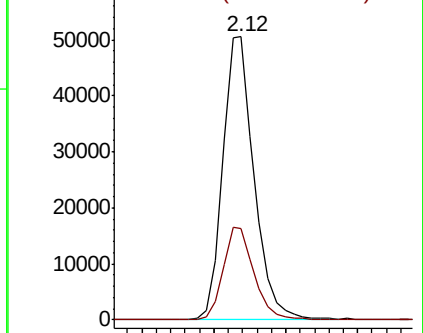
50 100

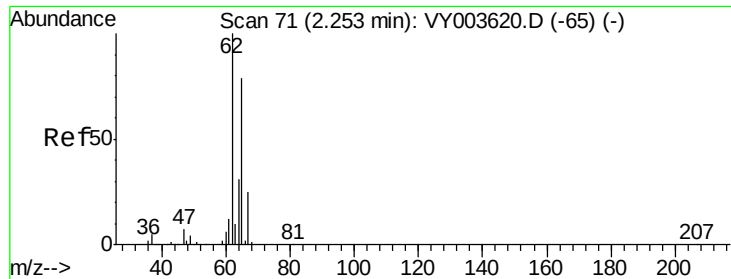
52 32.5 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VY003626.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VY003626.D (-1) (-)





#5

Vinyl chloride

Concen: 23.561 ug/L

RT: 2.26 min Scan# 72

Delta R.T. 0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampled :

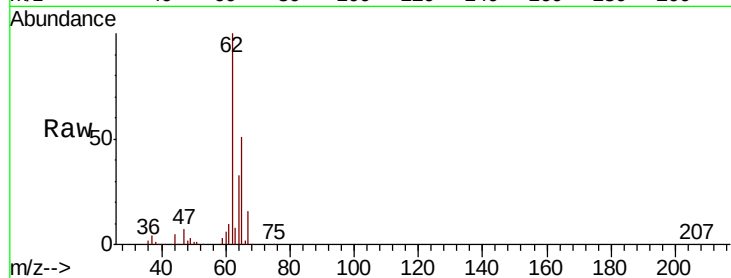
VICV402

Tot Ion: 62 Resp: 82330

Ion Ratio Lower Upper

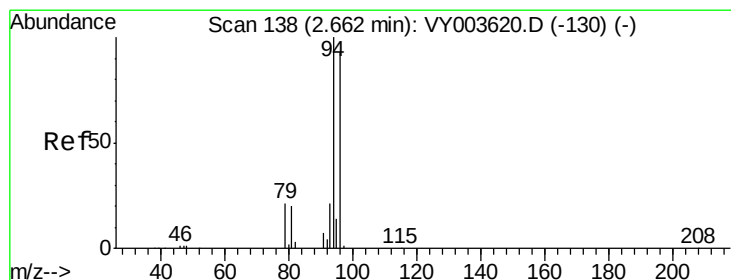
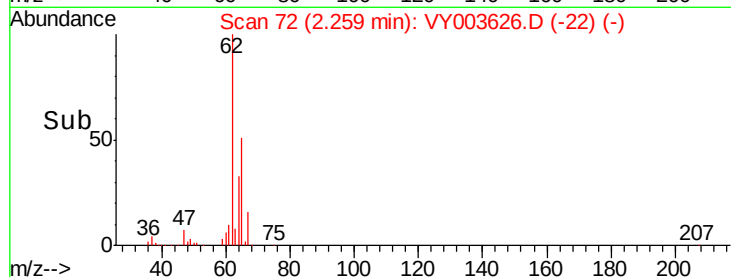
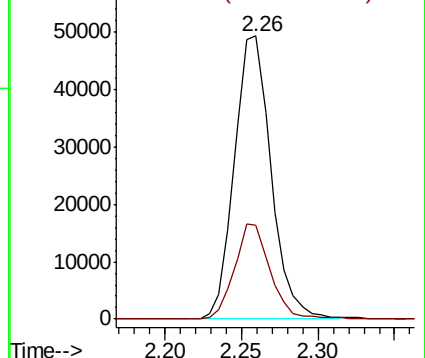
62 100

64 33.2 21.9 40.7



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0



#6

Bromomethane

Concen: 23.059 ug/L

RT: 2.66 min Scan# 138

Delta R.T. 0.00 min

Lab File: VY003626.D

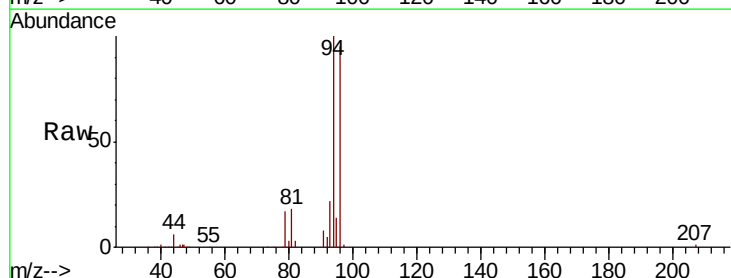
Acq: 25 Nov 2020 17:53

Tgt Ion: 94 Resp: 53416

Ion Ratio Lower Upper

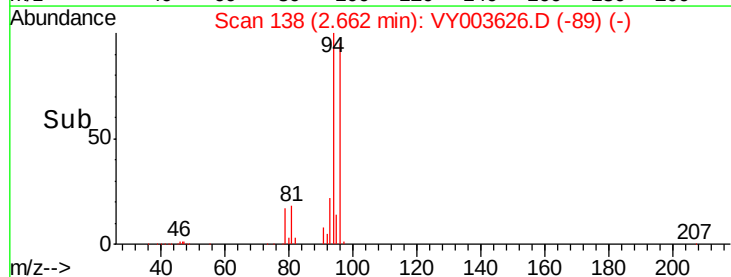
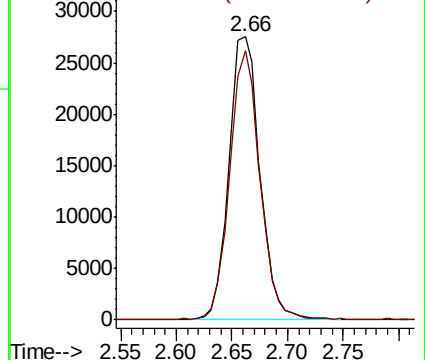
94 100

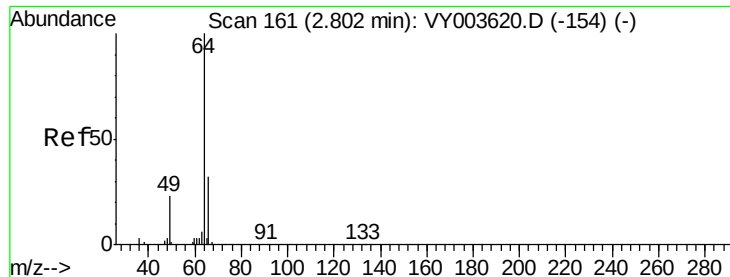
96 95.2 65.2 121.0



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0

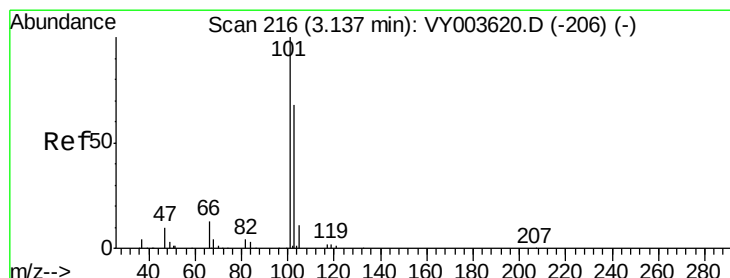
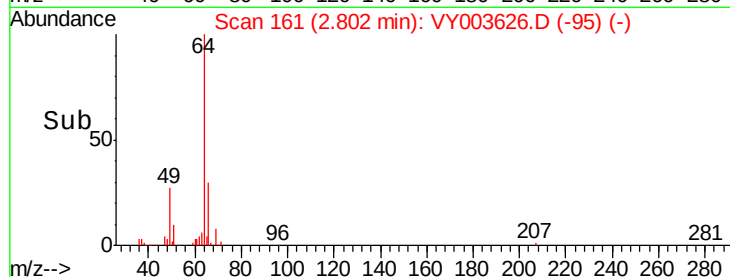
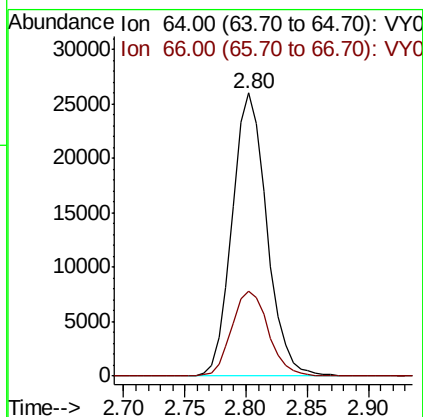
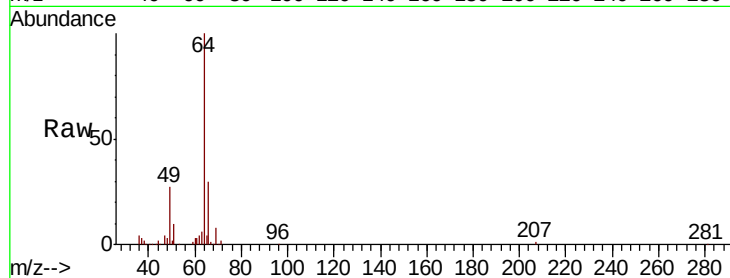




#8
Chloroethane
Concen: 24.526 ug/L
RT: 2.80 min Scan# 161
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

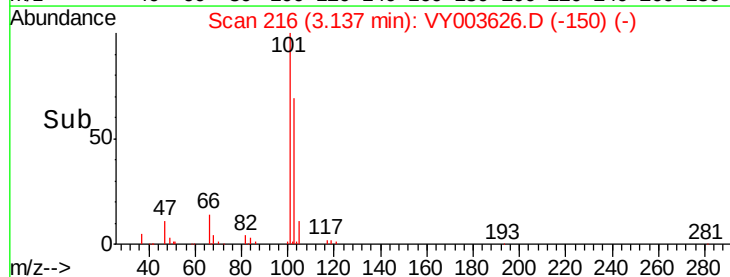
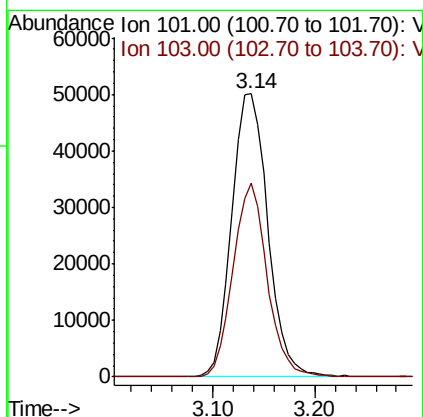
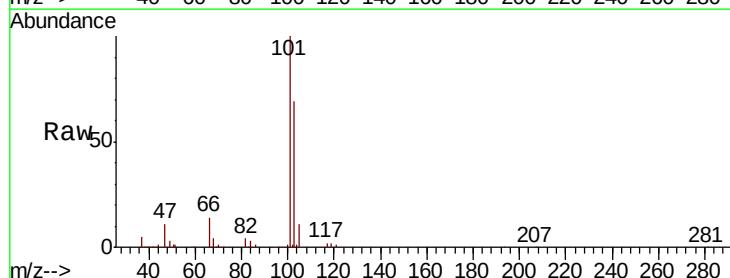
Instrument :
MSVOA_Y
ClientSampleId :
VICV402

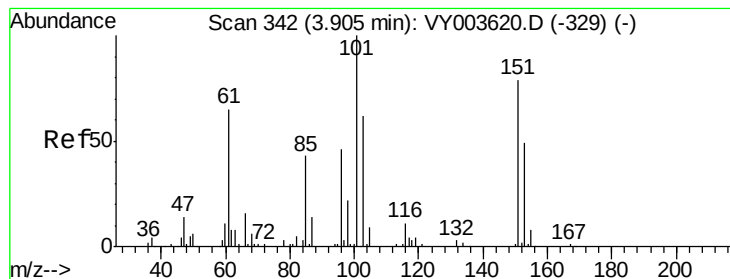
Tot Ion: 64 Resp: 51206
Ion Ratio Lower Upper
64 100
66 30.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 23.331 ug/L
RT: 3.14 min Scan# 216
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion: 101 Resp: 123230
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.435 ug/L

RT: 3.91 min Scan# 343

Delta R.T. 0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

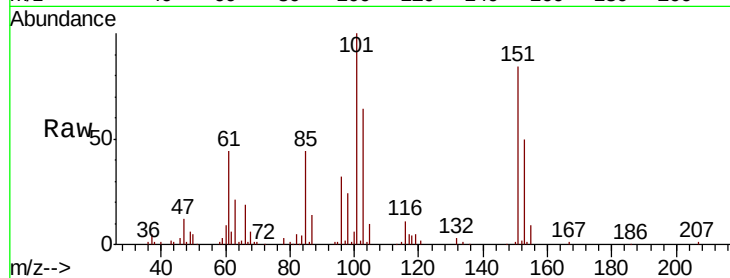
Tot Ion:101 Resp: 77572

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

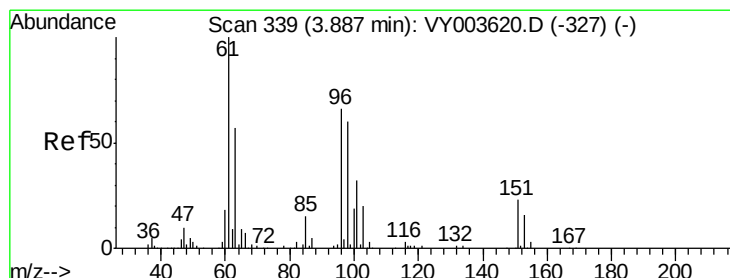
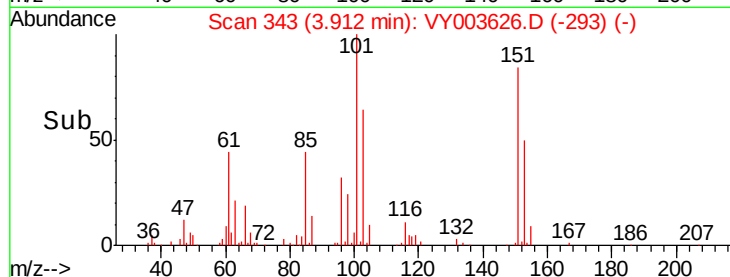
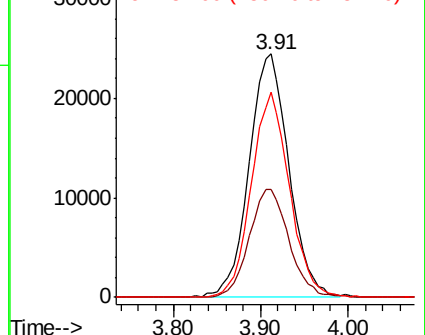
151 80.6 64.2 96.2



Abundance Ion 101.00 (100.70 to 101.70): VY003626.D (-293) (-)

Ion 85.00 (84.70 to 85.70): VY003626.D (-293) (-)

Ion 151.00 (150.70 to 151.70): VY003626.D (-293) (-)



#12

1,1-Dichloroethene

Concen: 24.172 ug/L

RT: 3.89 min Scan# 339

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

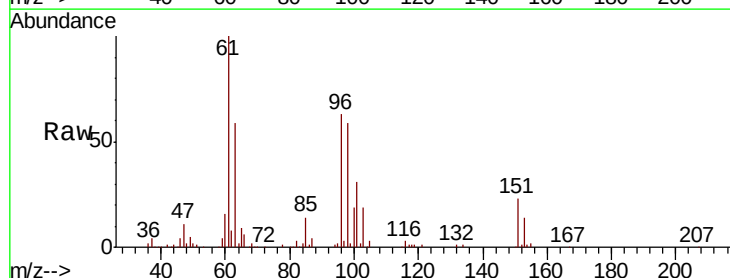
Tgt Ion: 96 Resp: 75340

Ion Ratio Lower Upper

96 100

61 159.4 106.1 197.1

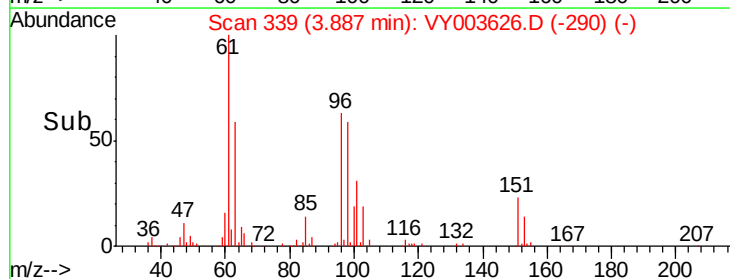
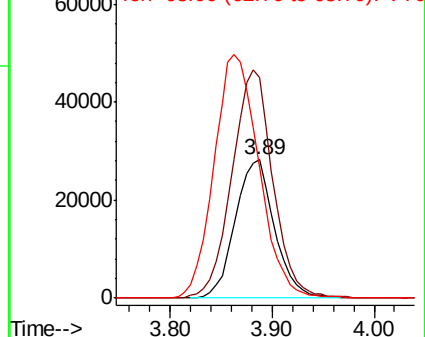
63 94.7 62.9 116.9

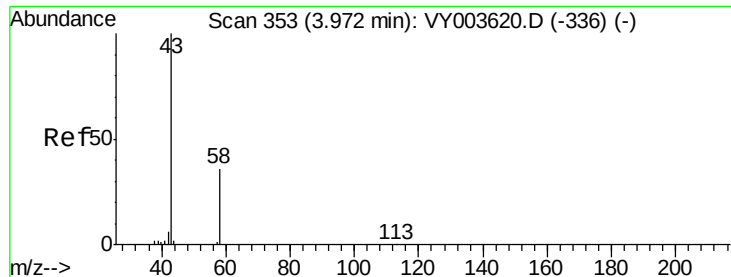


Abundance Ion 96.00 (95.70 to 96.70): VY003626.D (-290) (-)

Ion 61.00 (60.70 to 61.70): VY003626.D (-290) (-)

Ion 63.00 (62.70 to 63.70): VY003626.D (-290) (-)





#13

Acetone

Concen: 40.717 ug/L

RT: 3.97 min Scan# 352

Delta R.T. -0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

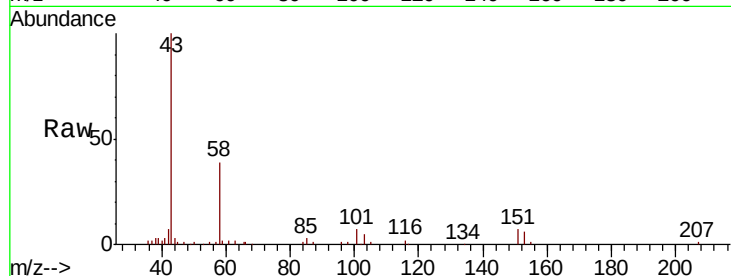
VICV402

Tot Ion: 43 Resp: 42881

Ion Ratio Lower Upper

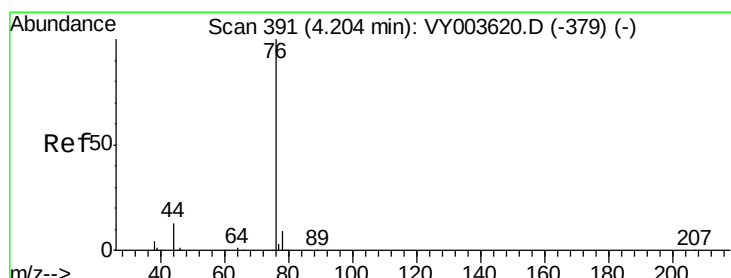
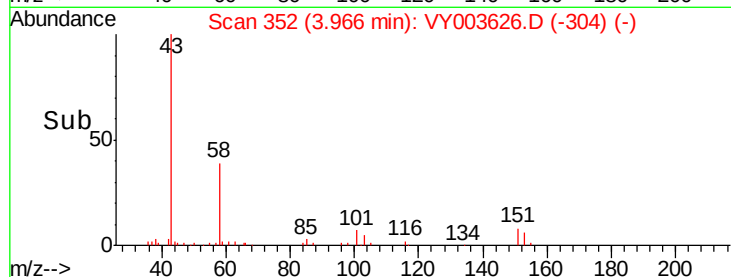
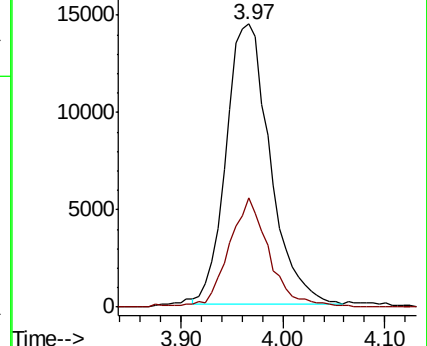
43 100

58 35.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 23.817 ug/L

RT: 4.20 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY003626.D

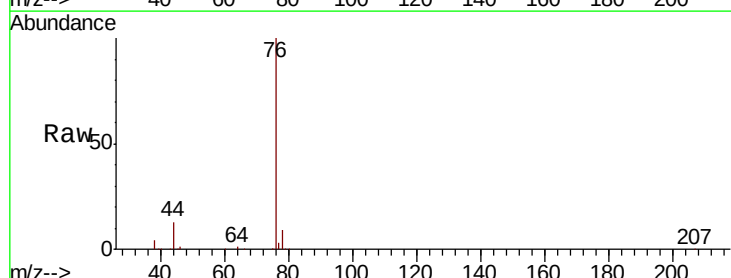
Acq: 25 Nov 2020 17:53

Tgt Ion: 76 Resp: 252874

Ion Ratio Lower Upper

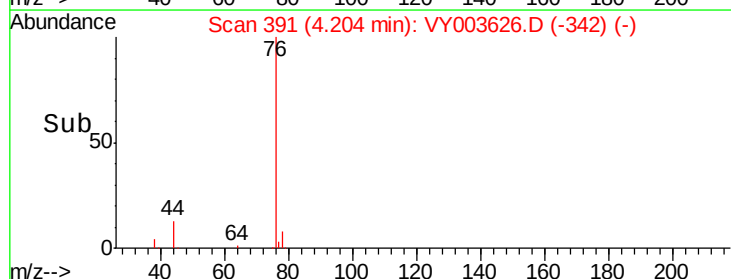
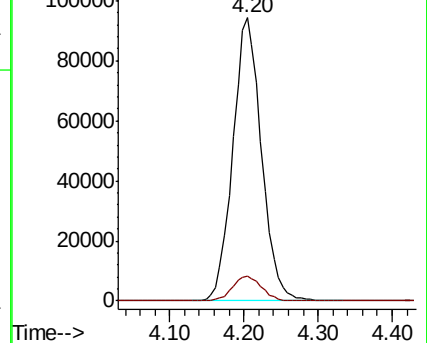
76 100

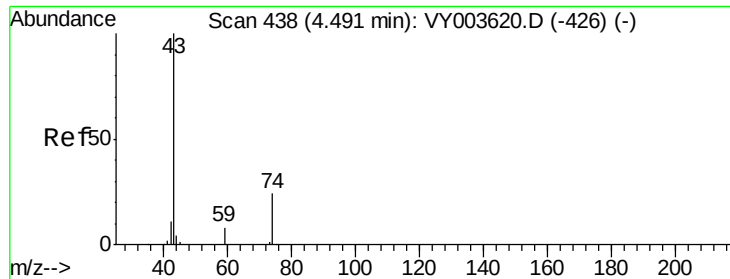
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

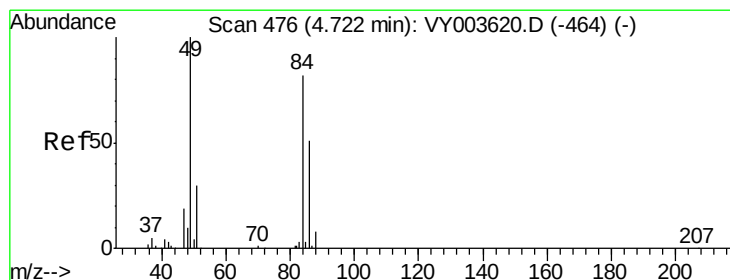
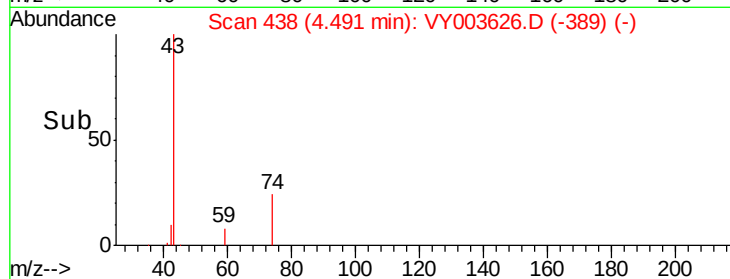
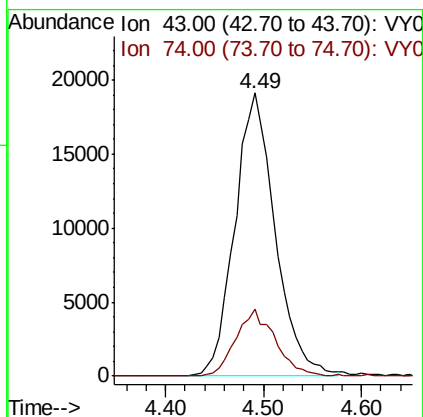
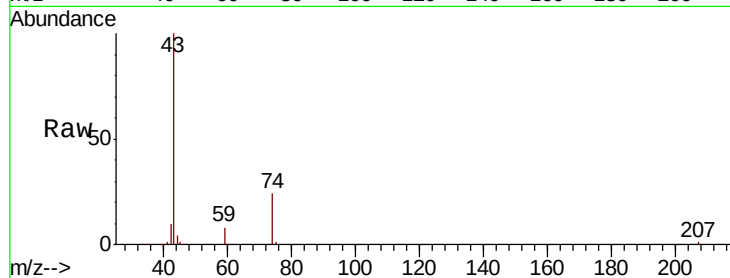




#15
Methyl Acetate
Concen: 24.334 ug/L
RT: 4.49 min Scan# 438
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

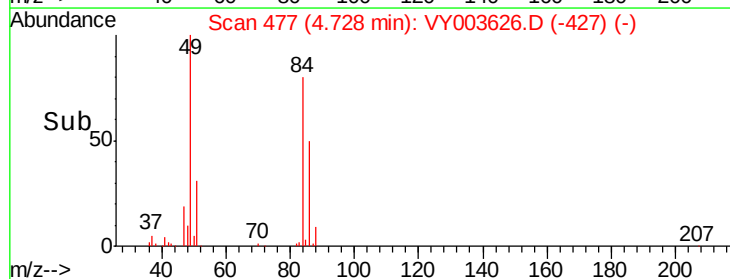
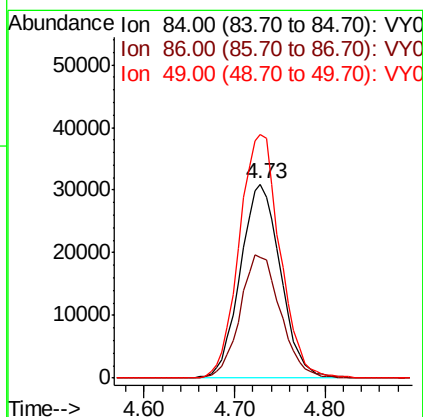
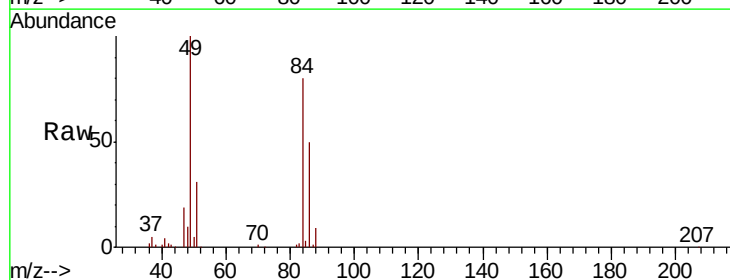
Instrument :
MSVOA_Y
ClientSampleId :
VICV402

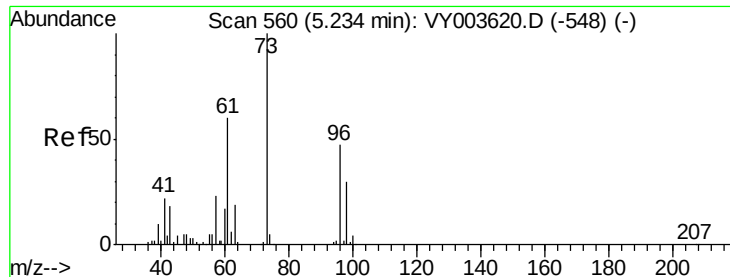
Tot Ion: 43 Resp: 54980
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.2



#16
Methylene chloride
Concen: 19.910 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion: 84 Resp: 95210
Ion Ratio Lower Upper
84 100
86 62.3 43.3 80.3
49 125.5 85.3 158.5

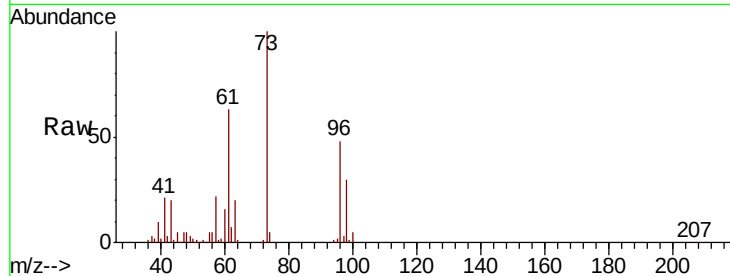




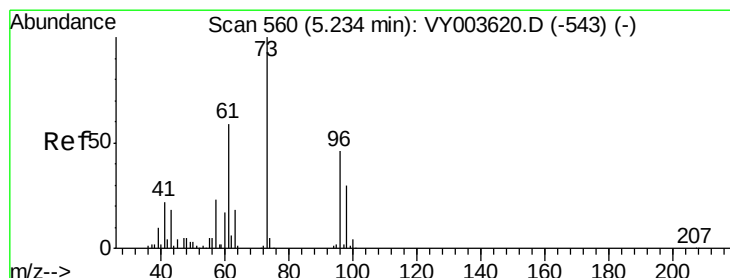
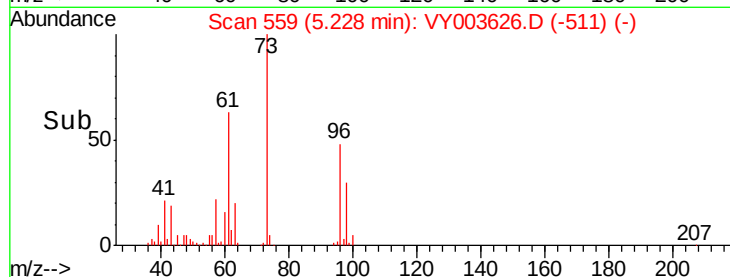
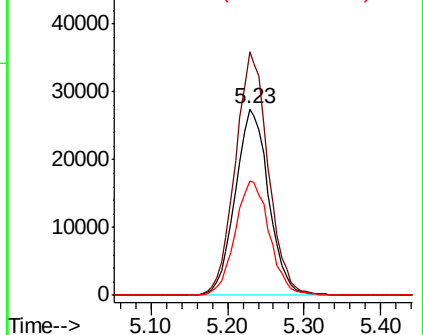
#17
trans-1,2-Dichloroethene
Concen: 24.668 ug/L
RT: 5.23 min Scan# 559
Delta R.T. -0.01 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VICV402

Tot Ion: 96 Resp: 83376
Ion Ratio Lower Upper
96 100
61 130.7 89.5 166.1
98 61.5 45.5 84.5

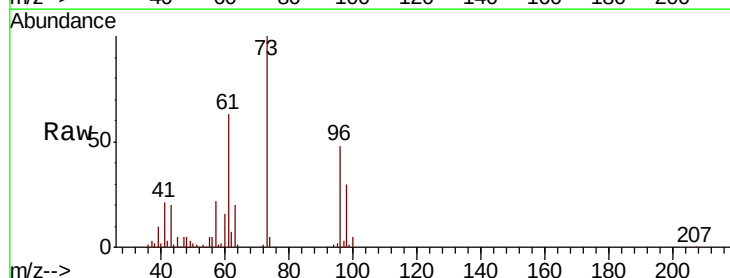


Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

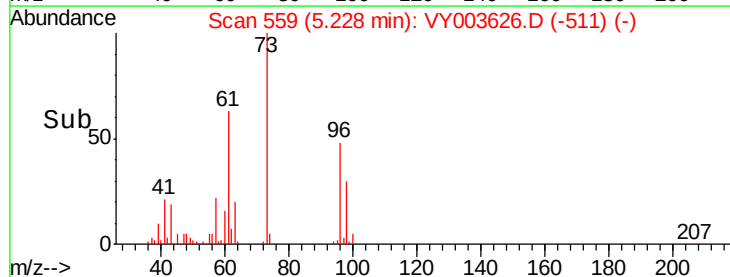
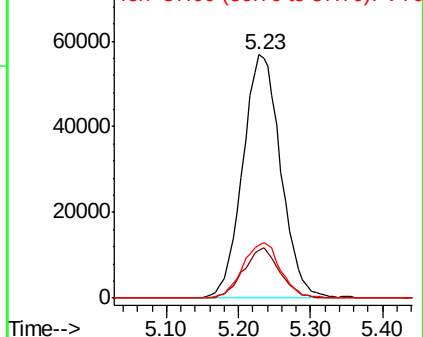


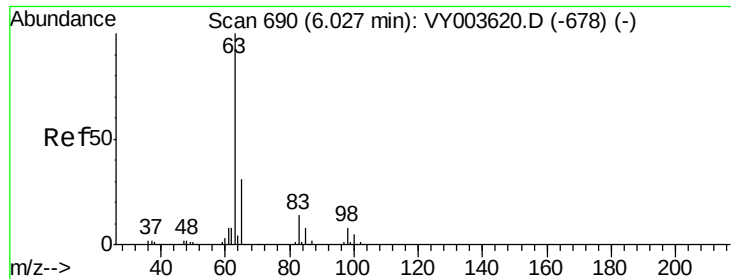
#18
Methyl tert-butyl Ether
Concen: 25.029 ug/L
RT: 5.23 min Scan# 559
Delta R.T. -0.01 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion: 73 Resp: 208482
Ion Ratio Lower Upper
73 100
43 19.6 15.2 22.8
57 22.6 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 57.00 (56.70 to 57.70): VY0





#19

1,1-Dichloroethane

Concen: 24.346 ug/L

RT: 6.03 min Scan# 691

Delta R.T. 0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

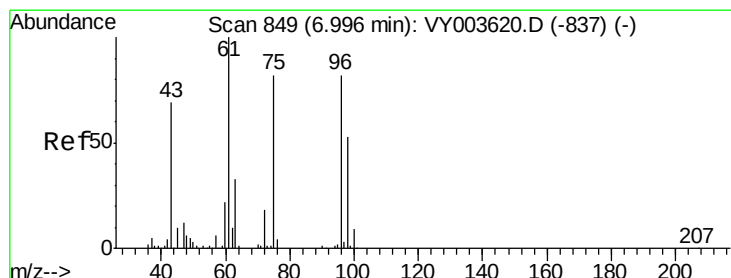
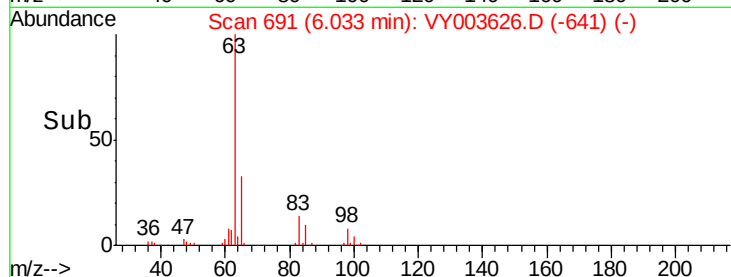
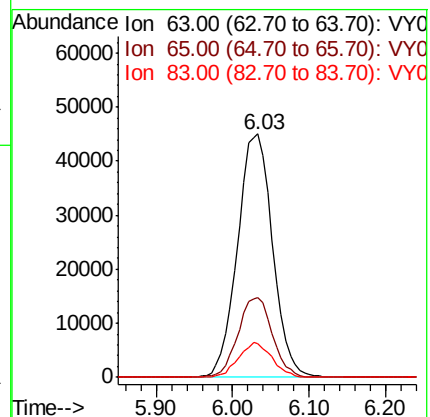
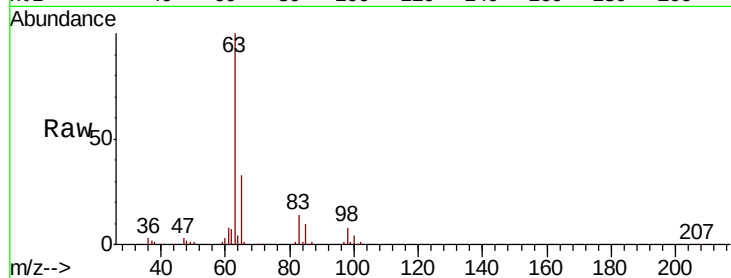
Tot Ion: 63 Resp: 143232

Ion Ratio Lower Upper

63 100

65 32.5 21.9 40.7

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 25.198 ug/L

RT: 7.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

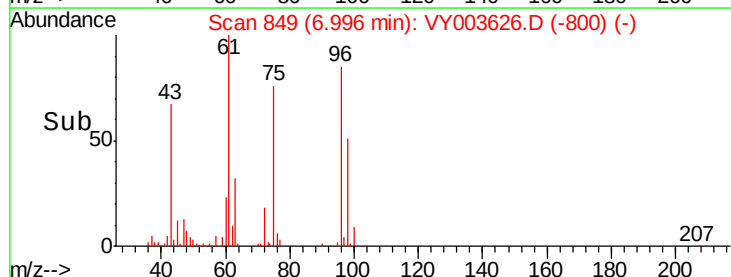
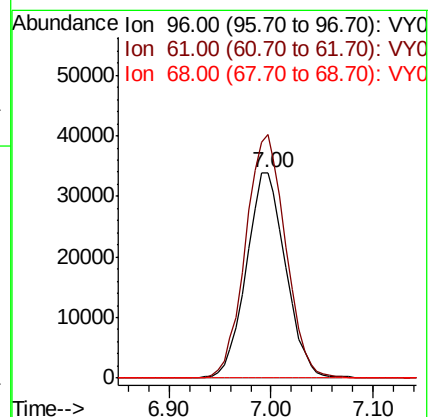
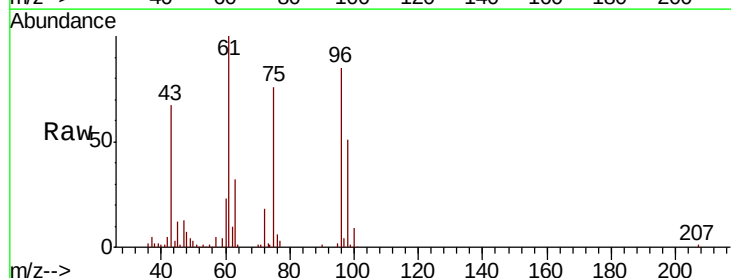
Tgt Ion: 96 Resp: 91053

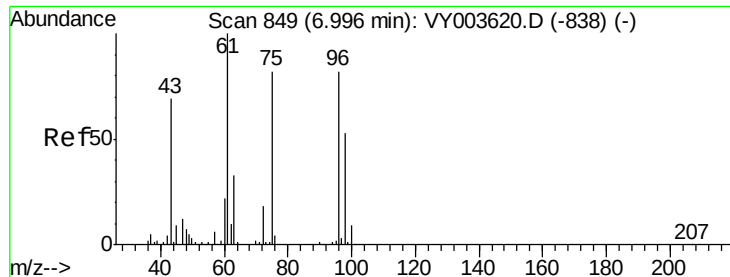
Ion Ratio Lower Upper

96 100

61 118.3 85.8 159.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 47.340 ug/L

RT: 7.00 min Scan# 850

Delta R.T. 0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

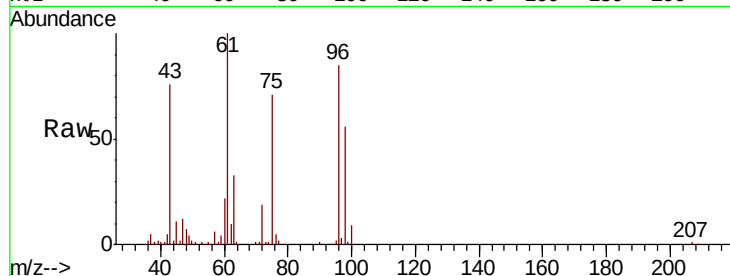
VICV402

Tot Ion: 43 Resp: 75362

Ion Ratio Lower Upper

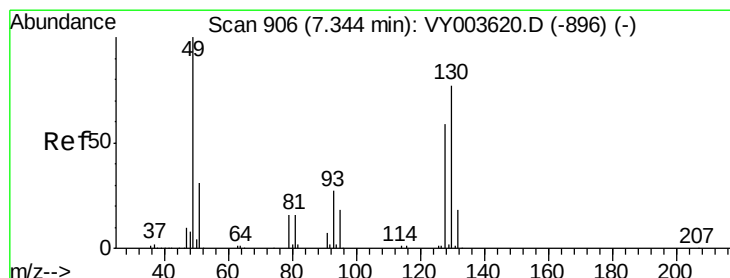
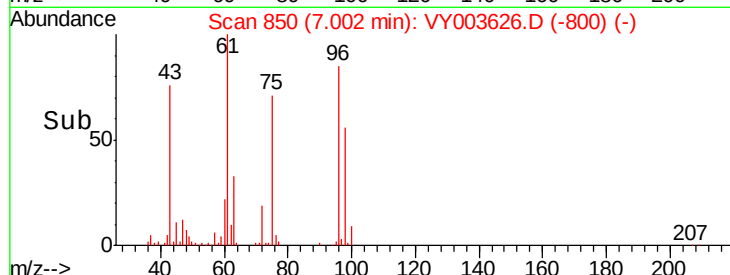
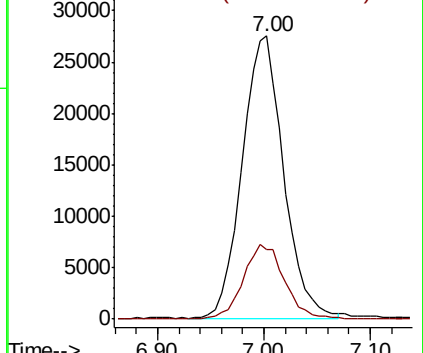
43 100

72 26.0 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#23

Bromochloromethane

Concen: 24.482 ug/L

RT: 7.34 min Scan# 906

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Tgt Ion:128 Resp: 43318

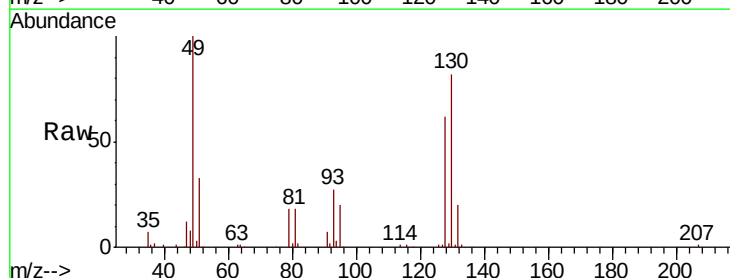
Ion Ratio Lower Upper

128 100

49 161.6 118.1 219.3

130 131.8 90.5 168.1

51 53.4 41.3 61.9

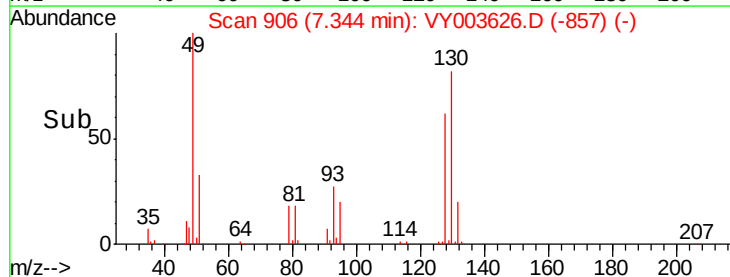
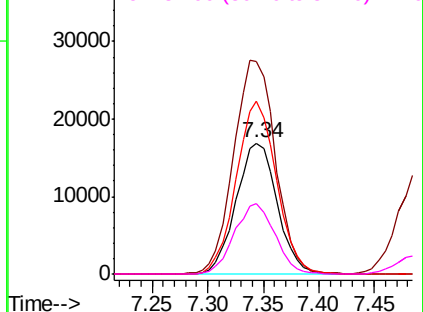


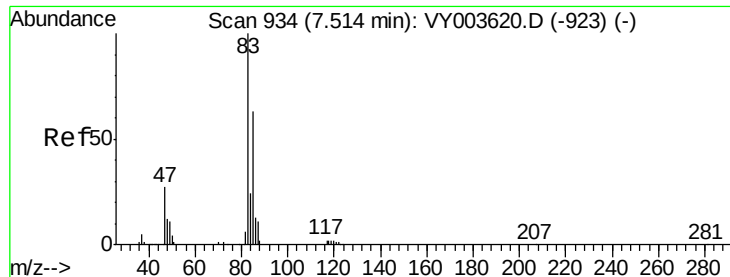
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VY0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VY0





#25

Chloroform

Concen: 24.458 ug/L

RT: 7.51 min Scan# 934

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

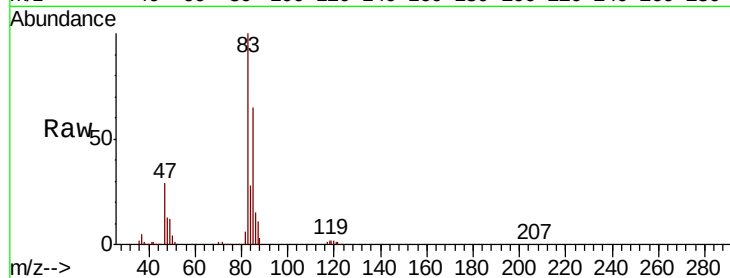
VICV402

Tot Ion: 83 Resp: 144613

Ion Ratio Lower Upper

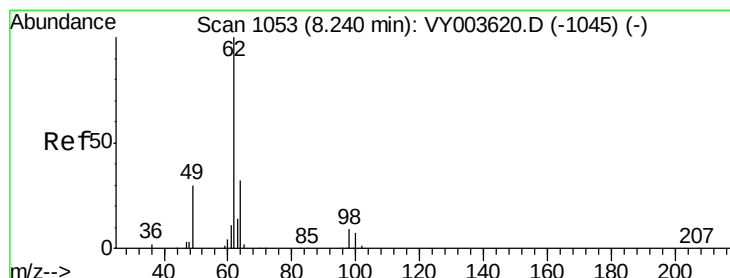
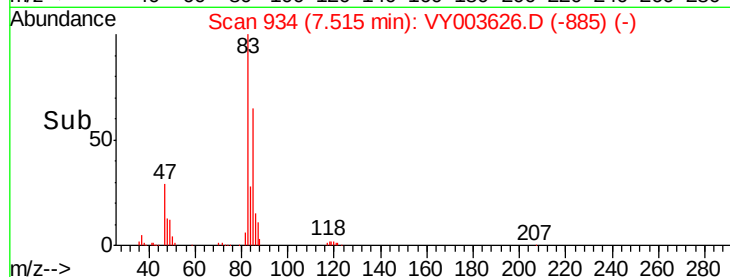
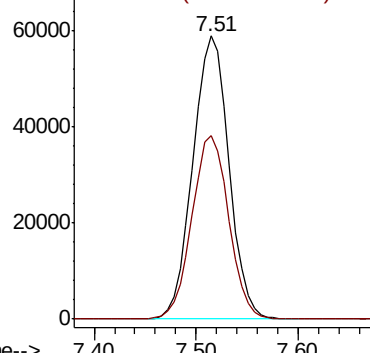
83 100

85 64.8 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



#27

1,2-Dichloroethane

Concen: 24.567 ug/L

RT: 8.24 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY003626.D

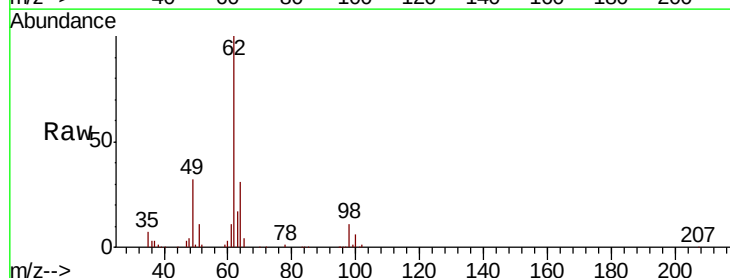
Acq: 25 Nov 2020 17:53

Tgt Ion: 62 Resp: 96471

Ion Ratio Lower Upper

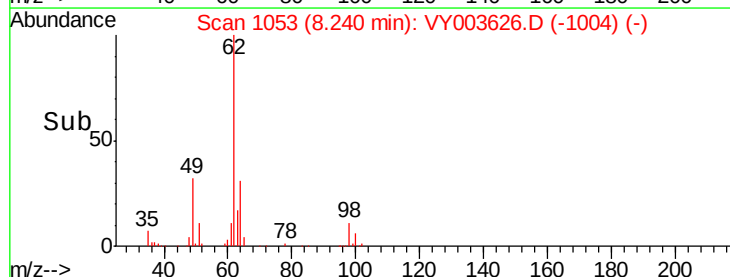
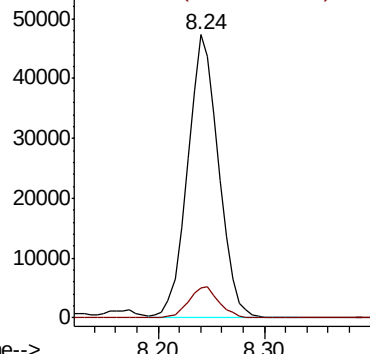
62 100

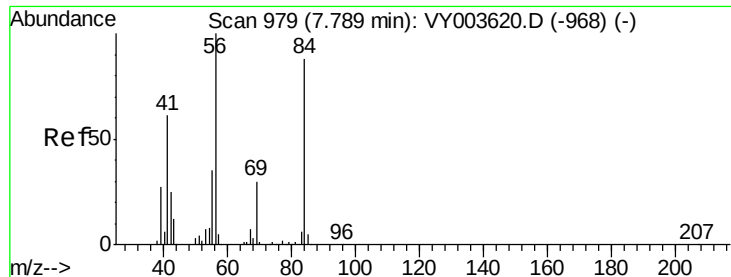
98 10.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

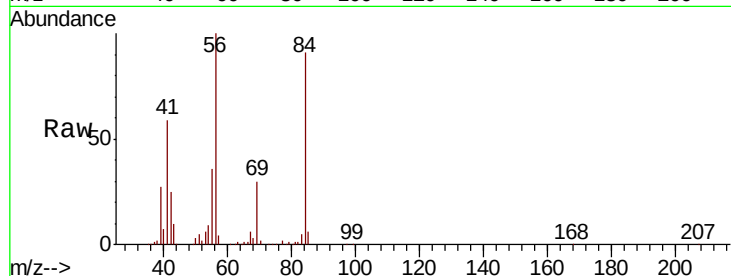




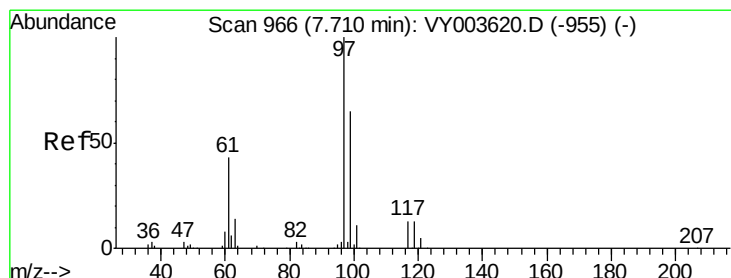
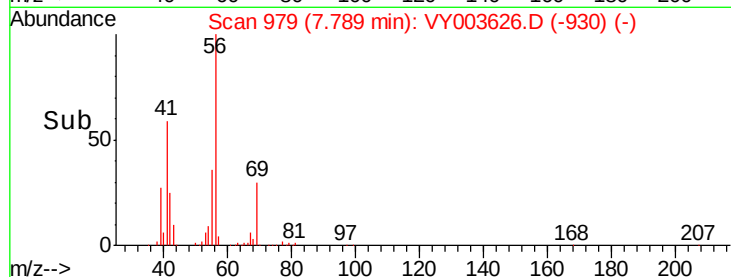
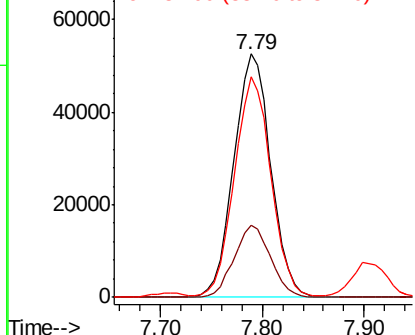
#29
Cyclohexane
Concen: 24.250 ug/L
RT: 7.79 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
VICV402

Tot Ion: 56 Resp: 131761
Ion Ratio Lower Upper
56 100
69 29.2 23.9 35.9
84 90.3 71.9 107.9

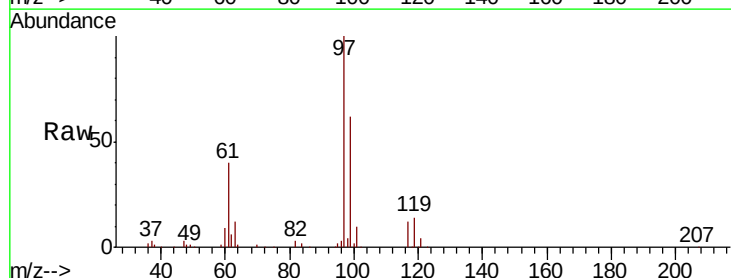


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

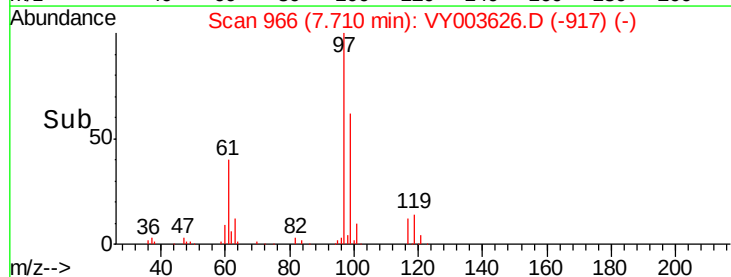
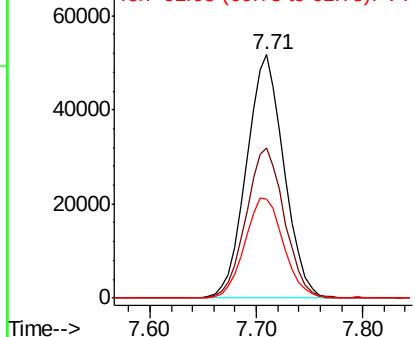


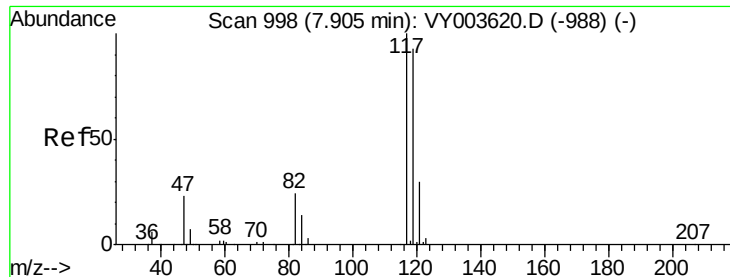
#30
1,1,1-Trichloroethane
Concen: 23.892 ug/L
RT: 7.71 min Scan# 966
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion: 97 Resp: 127696
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 42.7 34.3 51.5



Abundance Ion 97.00 (96.70 to 97.70): VY0
Ion 99.00 (98.70 to 99.70): VY0
Ion 61.05 (60.75 to 61.75): VY0

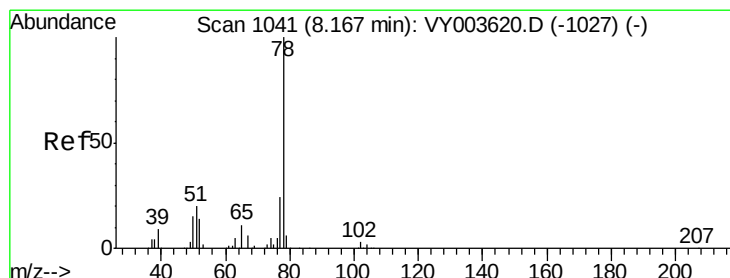
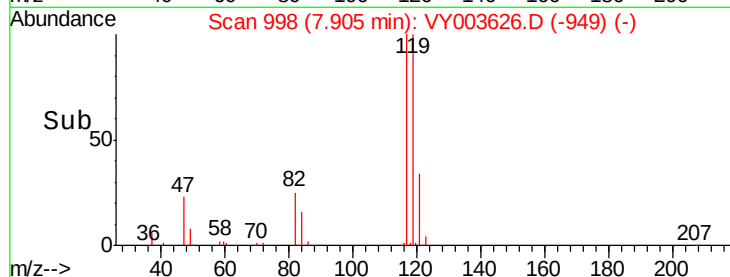
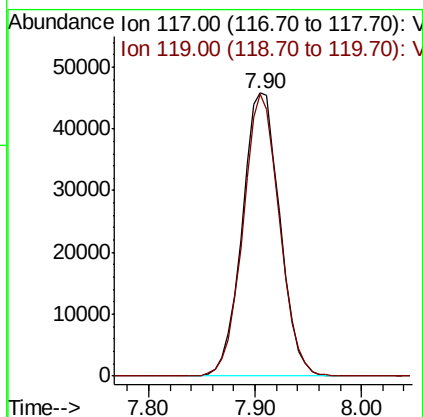
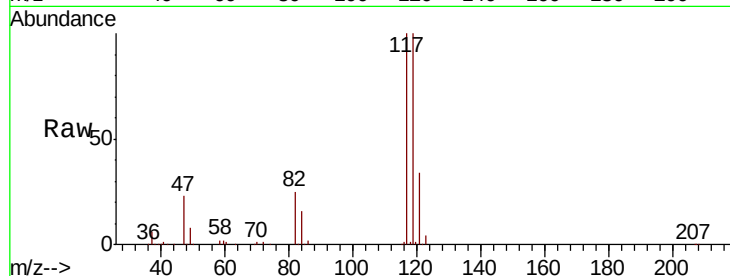




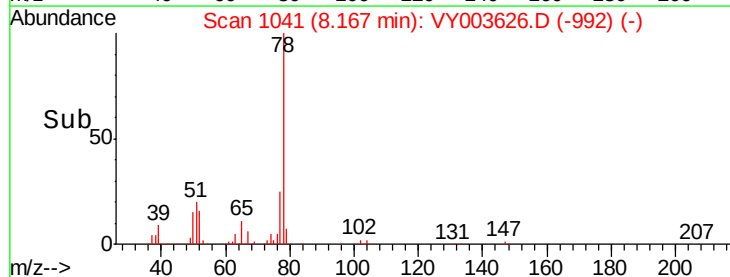
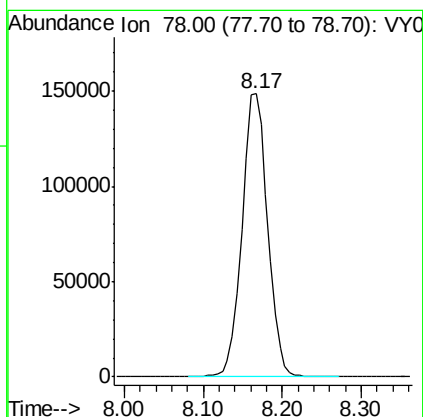
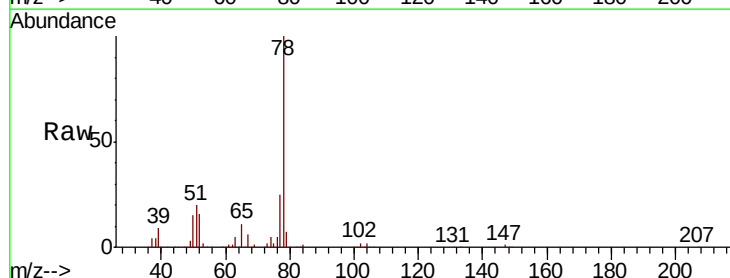
#31
Carbon tetrachloride
Concen: 23.476 ug/L
RT: 7.90 min Scan# 998
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

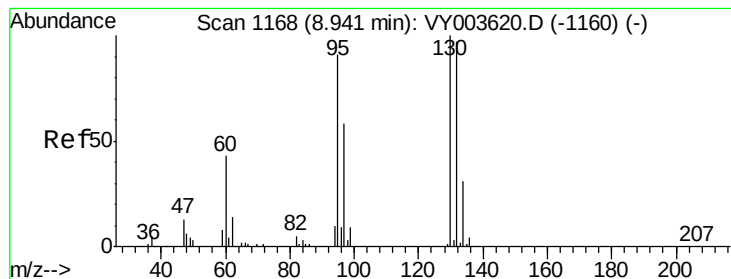
Instrument :
MSVOA_Y
ClientSampled :
VICV402

Tot Ion:117 Resp: 113721
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5



#33
Benzene
Concen: 24.243 ug/L
RT: 8.17 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53
Tgt Ion: 78 Resp: 335788





#34

Trichloroethene

Concen: 23.661 ug/L

RT: 8.94 min Scan# 1168

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

Tot Ion: 95 Resp: 81517

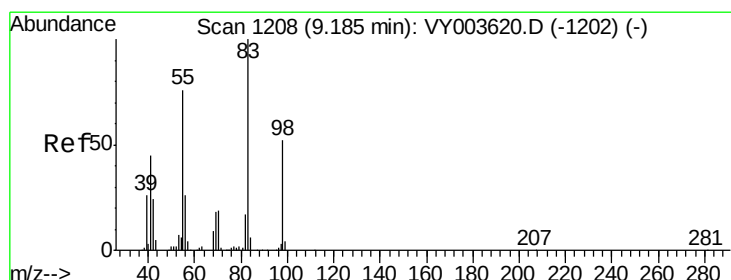
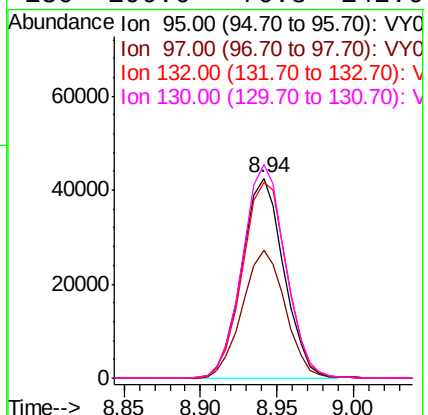
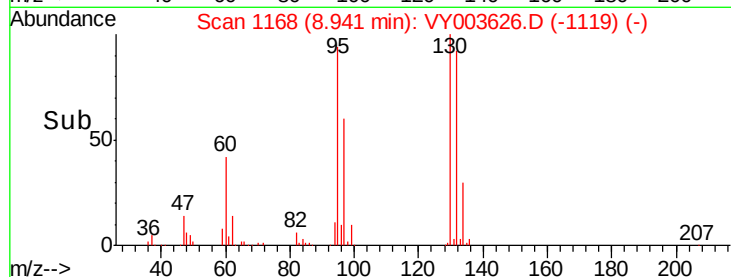
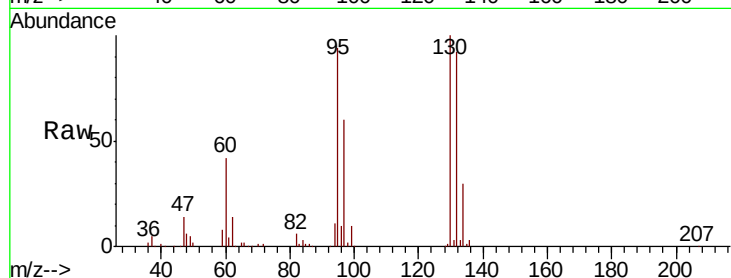
Ion Ratio Lower Upper

95 100

97 63.6 44.7 83.1

132 97.7 74.7 138.7

130 106.6 76.8 142.6



#35

Methylcyclohexane

Concen: 23.807 ug/L

RT: 9.18 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

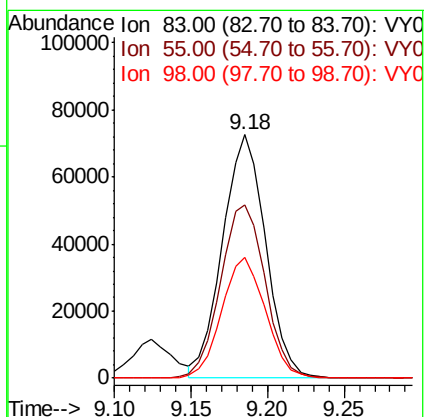
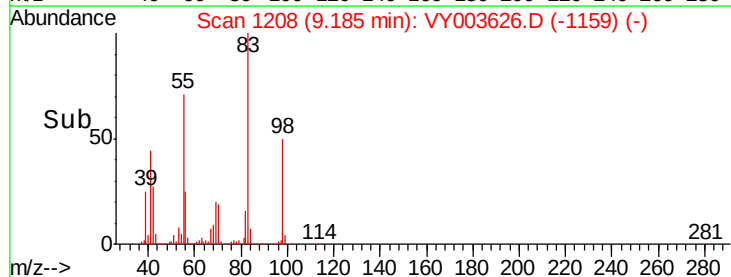
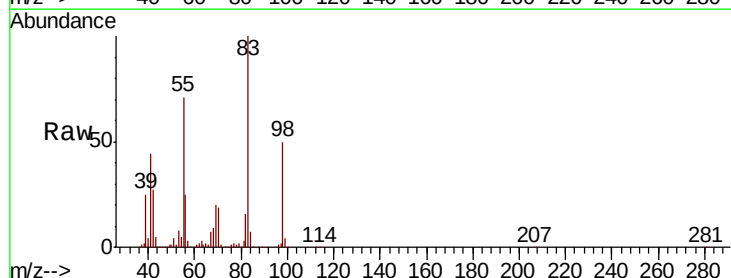
Tgt Ion: 83 Resp: 141755

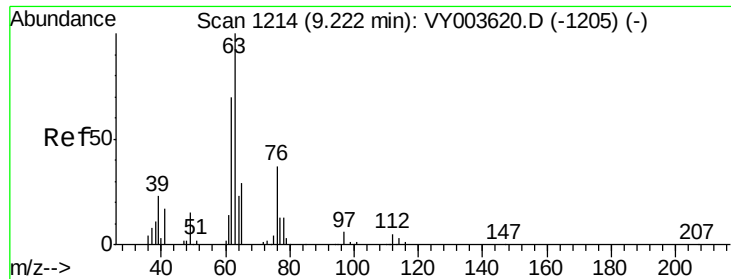
Ion Ratio Lower Upper

83 100

55 73.8 58.3 87.5

98 50.4 39.0 58.6

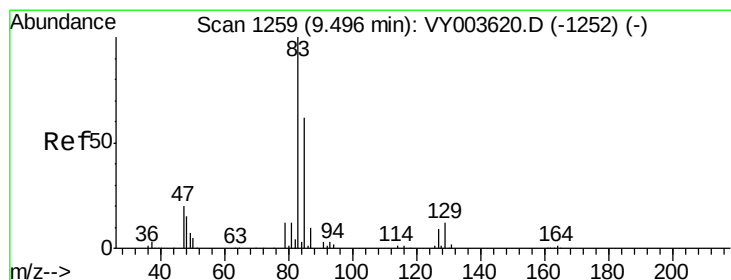
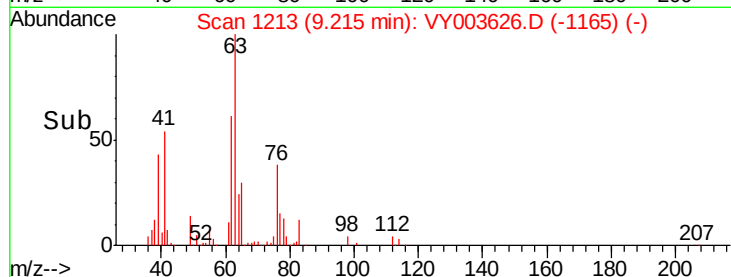
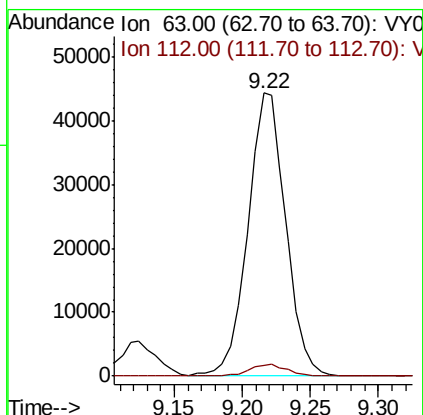
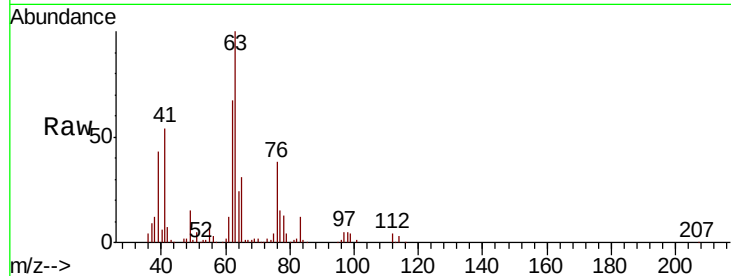




#37
 1,2-Dichloropropane
 Concen: 24.797 ug/L
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

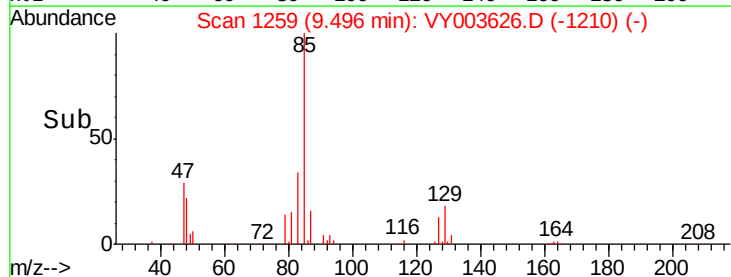
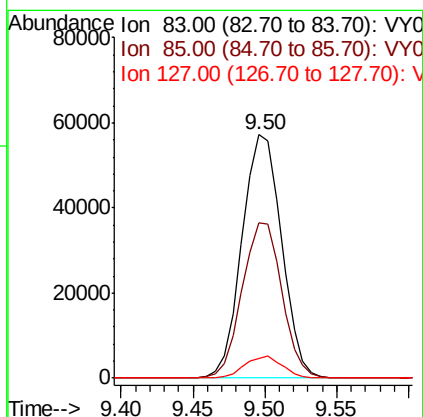
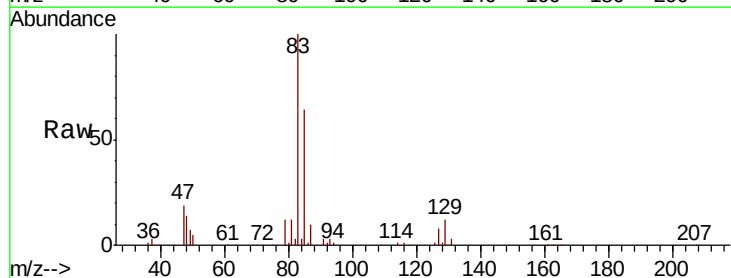
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV402

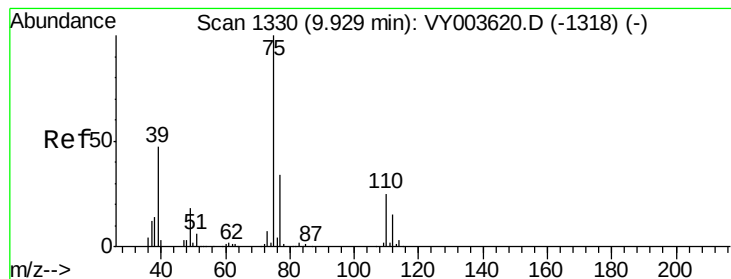
Tot Ion: 63 Resp: 86354
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.7 5.5



#38
 Bromodichloromethane
 Concen: 24.537 ug/L
 RT: 9.50 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

Tgt Ion: 83 Resp: 108965
 Ion Ratio Lower Upper
 83 100
 85 63.9 43.1 80.1
 127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.863 ug/L

RT: 9.93 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

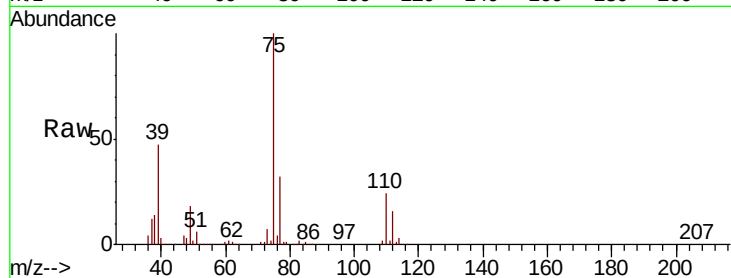
VICV402

Tot Ion: 75 Resp: 135530

Ion Ratio Lower Upper

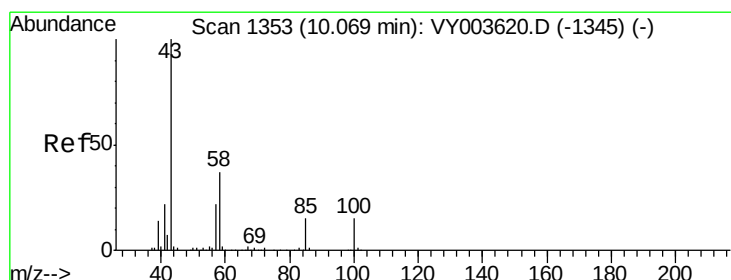
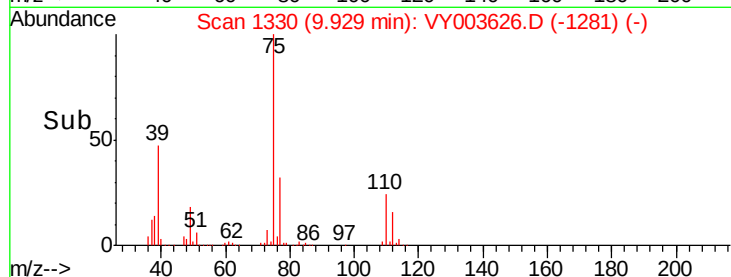
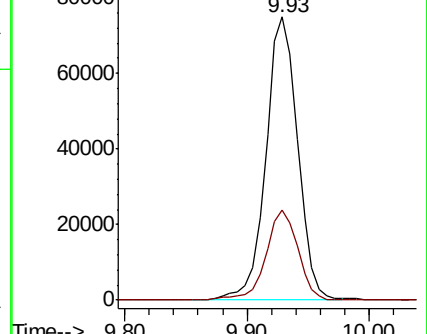
75 100

77 31.8 23.5 43.7



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#40

4-Methyl-2-pentanone

Concen: 50.143 ug/L

RT: 10.07 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

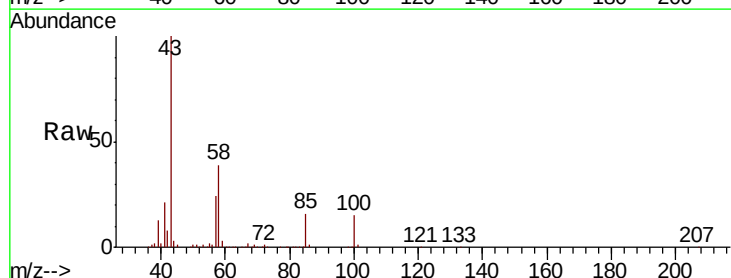
Tgt Ion: 43 Resp: 154245

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1

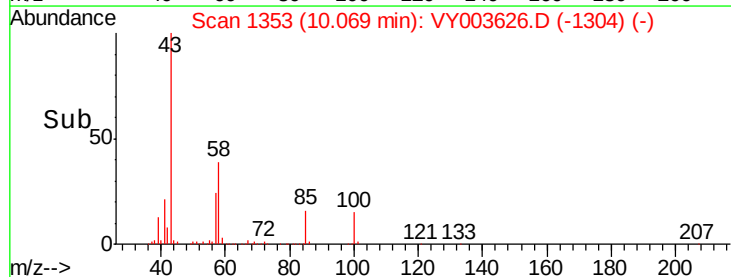
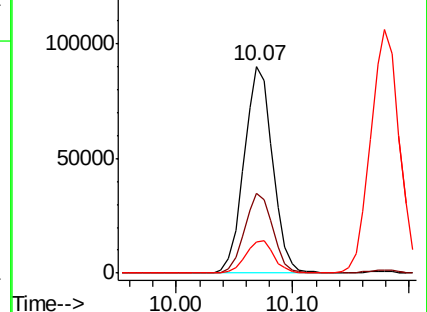
100 15.6 12.1 18.1

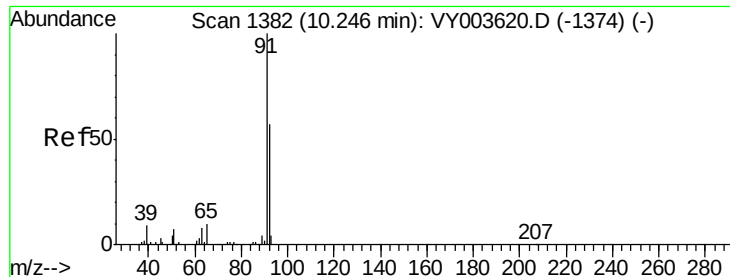


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#42

Toluene

Concen: 24.717 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

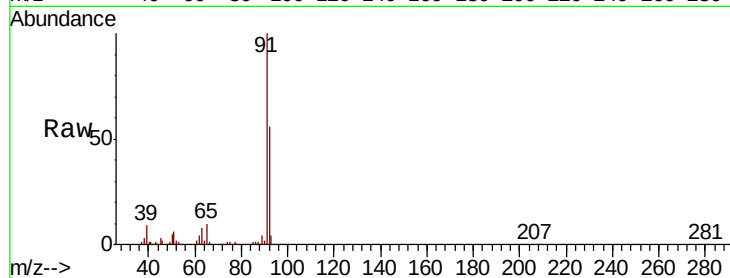
VICV402

Tot Ion: 91 Resp: 361896

Ion Ratio Lower Upper

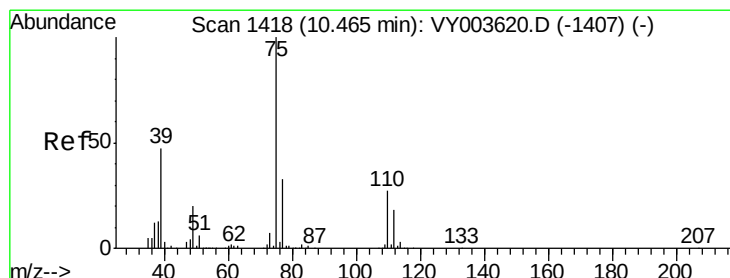
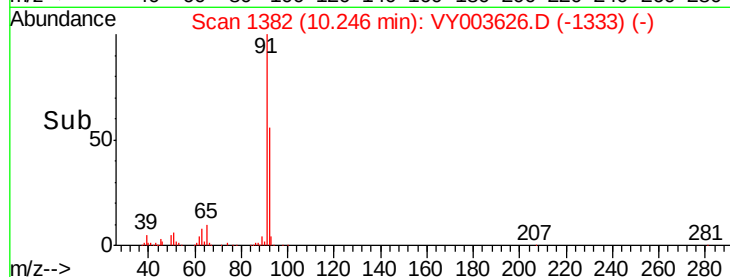
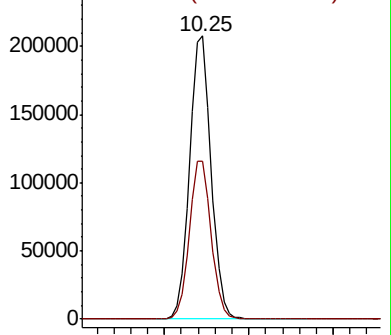
91 100

92 56.0 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0



#44

trans-1,3-Dichloropropene

Concen: 24.729 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VY003626.D

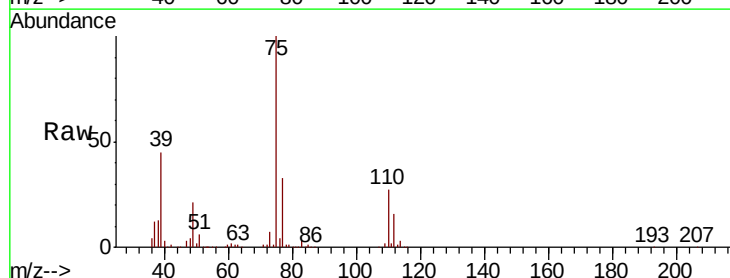
Acq: 25 Nov 2020 17:53

Tgt Ion: 75 Resp: 123698

Ion Ratio Lower Upper

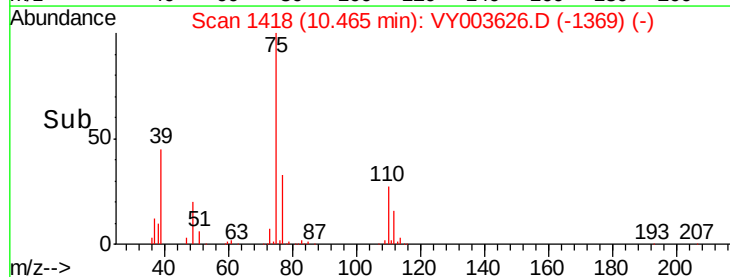
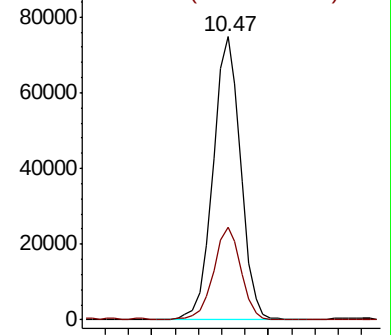
75 100

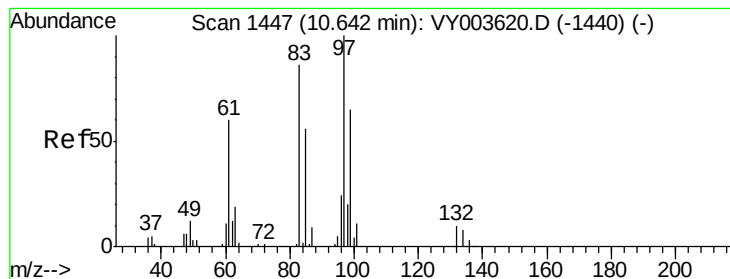
77 32.8 22.9 42.5



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#45

1,1,2-Trichloroethane

Concen: 24.173 ug/L

RT: 10.64 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

Tot Ion: 97 Resp: 70035

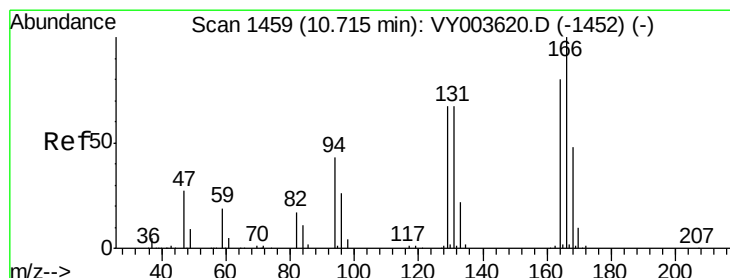
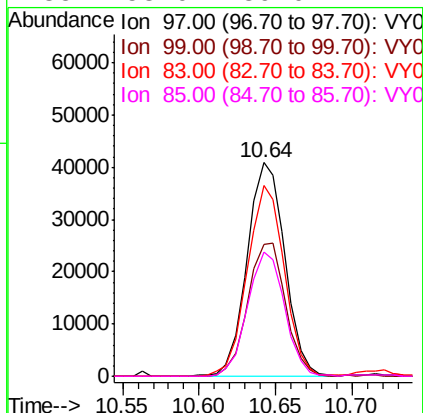
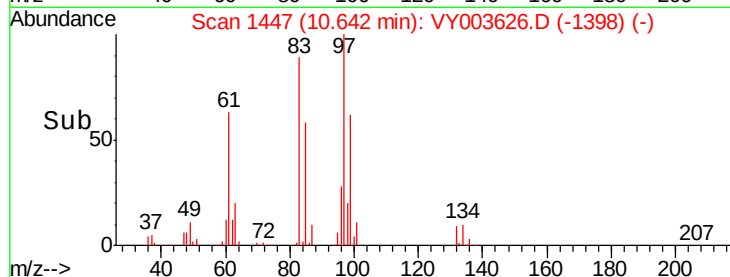
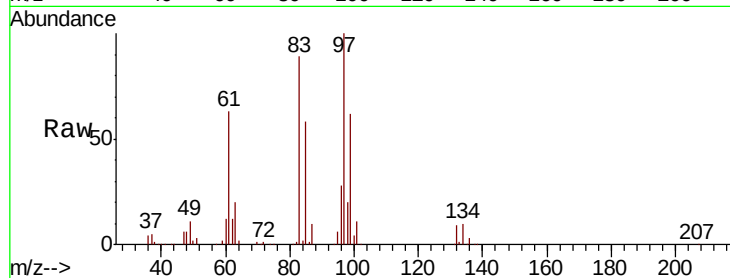
Ion Ratio Lower Upper

97 100

99 61.5 45.1 83.9

83 89.1 59.7 110.9

85 58.0 39.0 72.4



#46

Tetrachloroethene

Concen: 23.447 ug/L

RT: 10.72 min Scan# 1459

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Tgt Ion:164 Resp: 70297

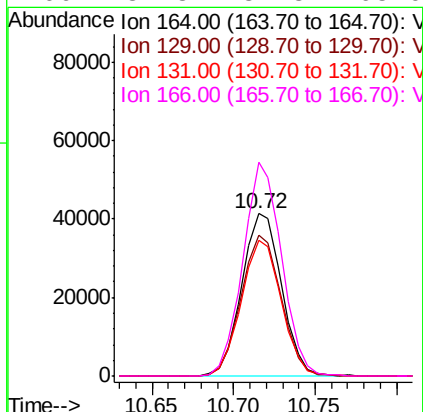
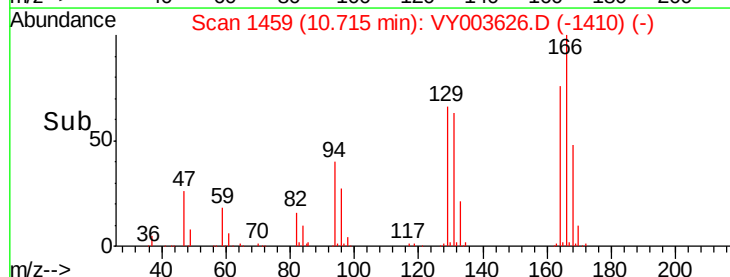
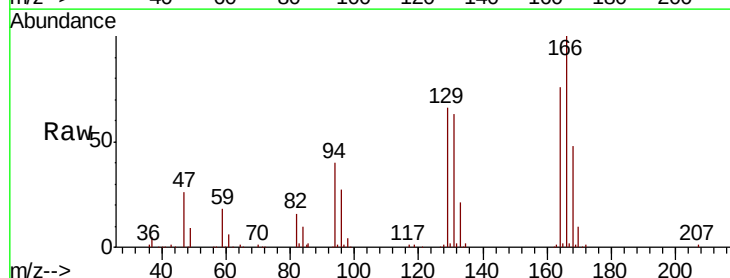
Ion Ratio Lower Upper

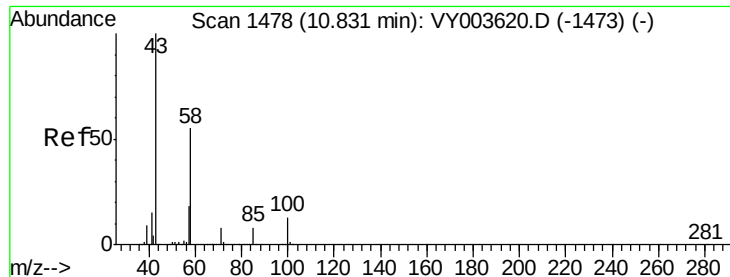
164 100

129 86.6 58.9 109.5

131 83.4 59.0 109.6

166 131.8 87.8 163.0

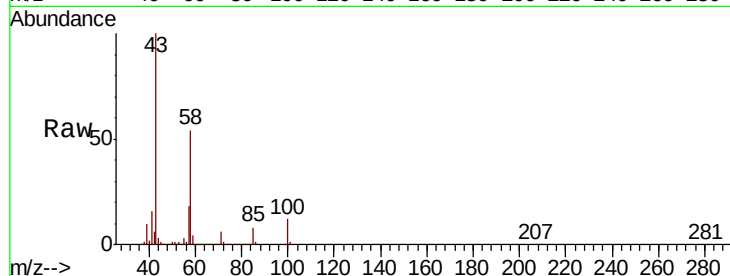




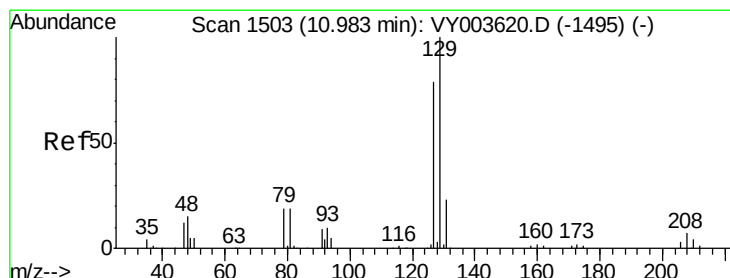
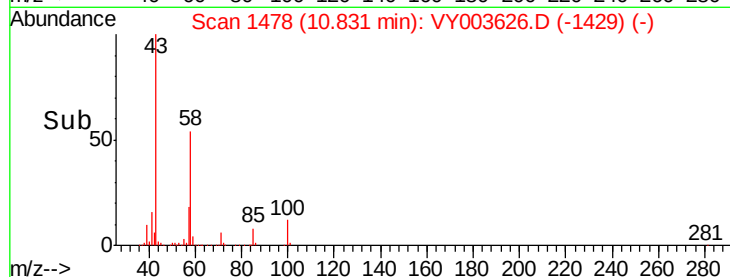
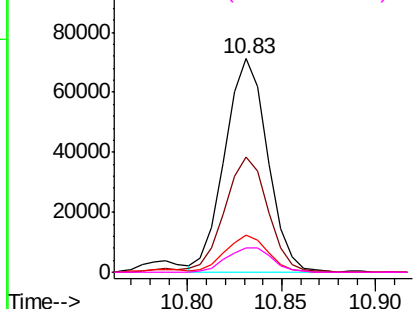
#48
2-Hexanone
Concen: 51.283 ug/L
RT: 10.83 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Instrument :
MSVOA_Y
ClientSampled :
VICV402

Tot Ion: 43 Resp: 112541
Ion Ratio Lower Upper
43 100
58 54.6 43.0 64.6
57 17.4 14.6 21.8
100 12.4 9.7 14.5

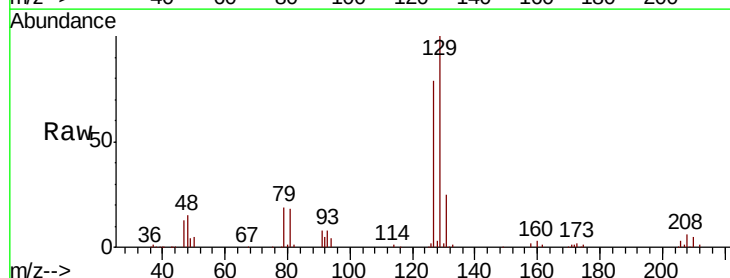


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0
Ion 57.00 (56.70 to 57.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

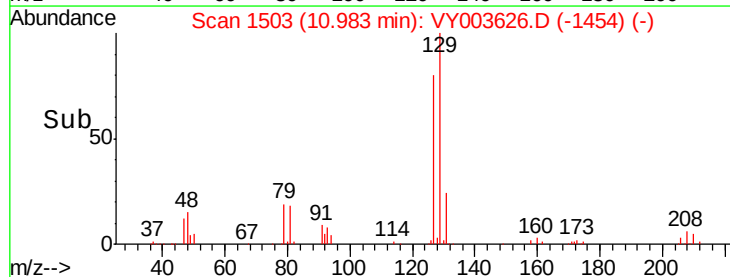
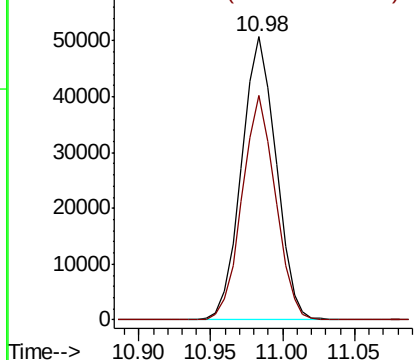


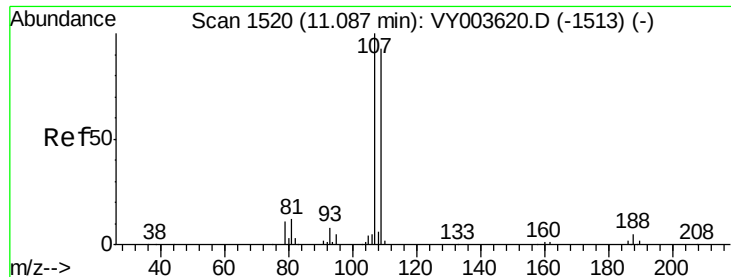
#49
Dibromochloromethane
Concen: 24.758 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion: 129 Resp: 84241
Ion Ratio Lower Upper
129 100
127 79.3 55.0 102.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

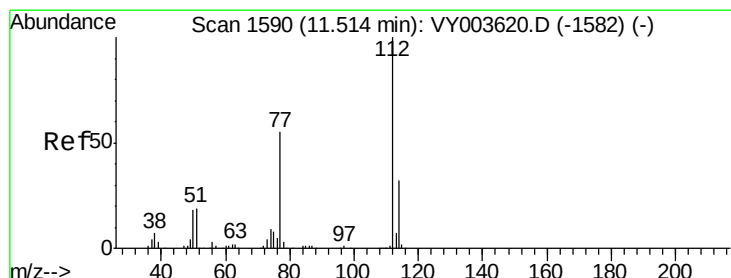
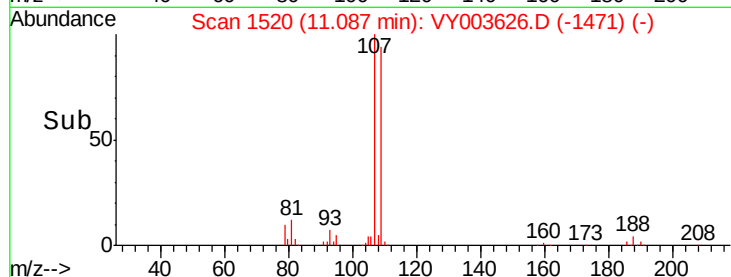
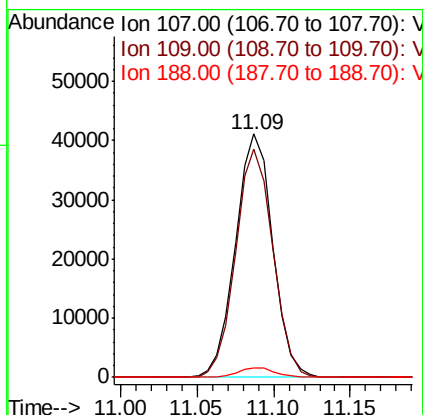
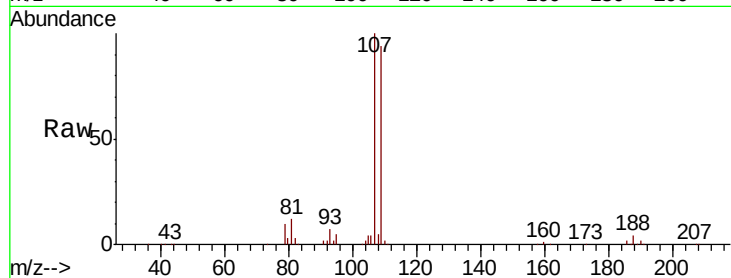




#50
 1,2-Dibromoethane
 Concen: 24.936 ug/L
 RT: 11.09 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

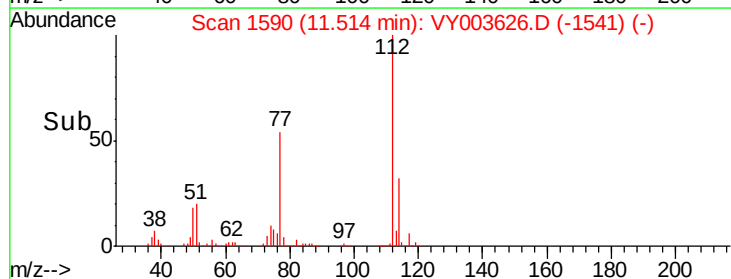
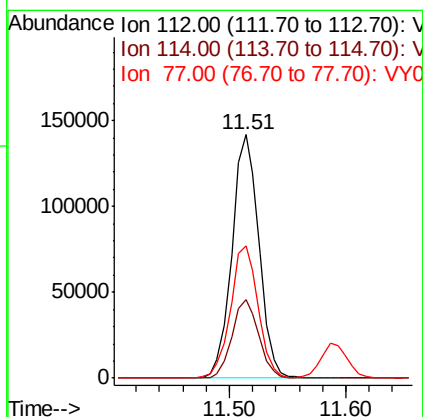
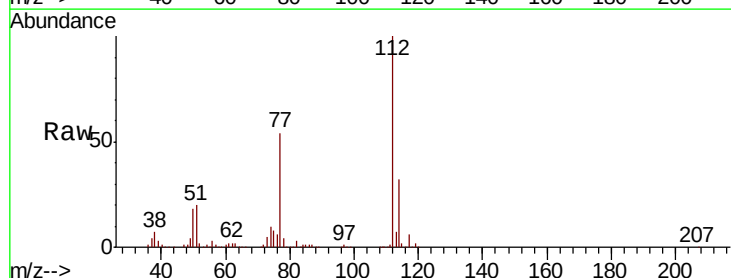
Instrument :
 MSVOA_Y
 ClientSampled :
 VICV402

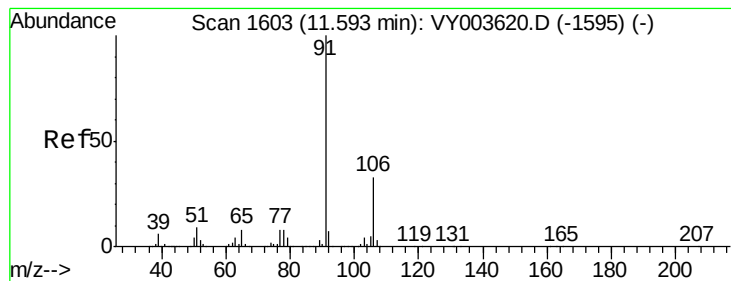
Tot Ion:107 Resp: 69483
 Ion Ratio Lower Upper
 107 100
 109 94.0 65.5 121.7
 188 4.0 3.8 5.8



#51
 Chlorobenzene
 Concen: 24.501 ug/L
 RT: 11.51 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

Tgt Ion:112 Resp: 227844
 Ion Ratio Lower Upper
 112 100
 114 32.3 22.2 41.2
 77 54.2 43.8 65.6





#52

Ethylbenzene

Concen: 24.426 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampled :

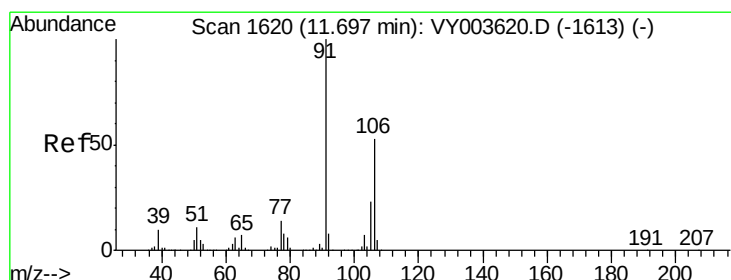
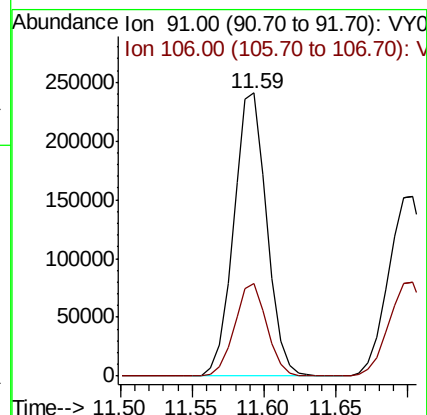
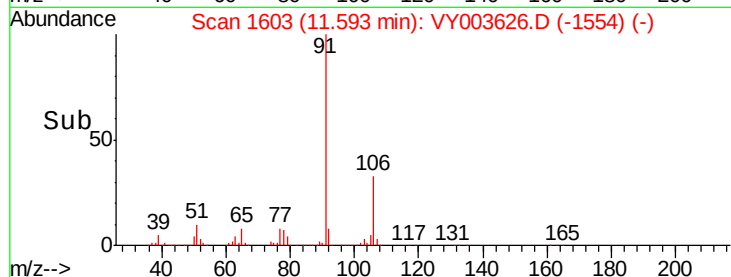
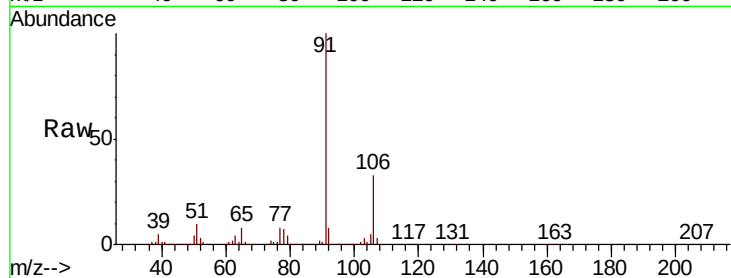
VICV402

Tot Ion: 91 Resp: 384164

Ion Ratio Lower Upper

91 100

106 32.8 22.8 42.4



#53

m,p-Xylene

Concen: 24.850 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.01 min

Lab File: VY003626.D

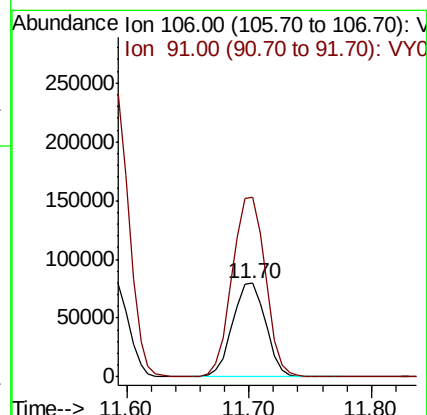
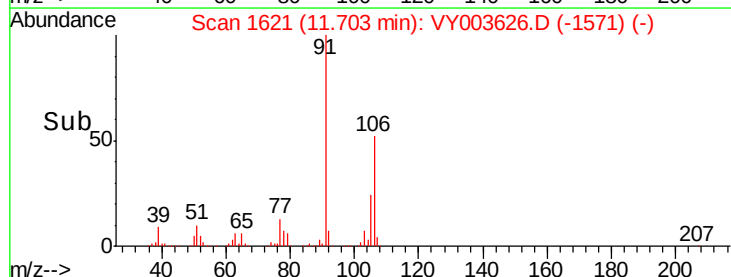
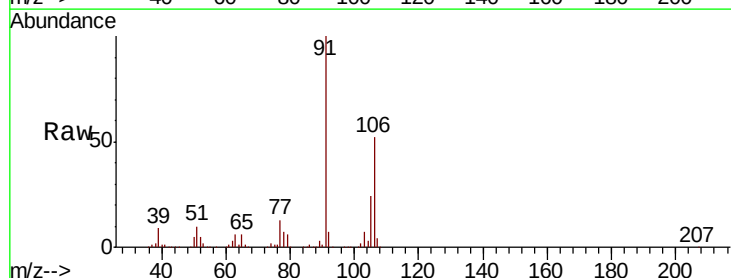
Acq: 25 Nov 2020 17:53

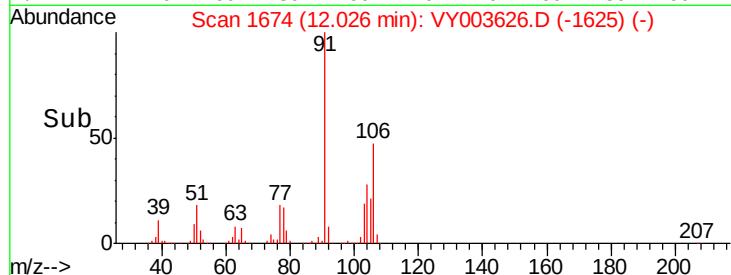
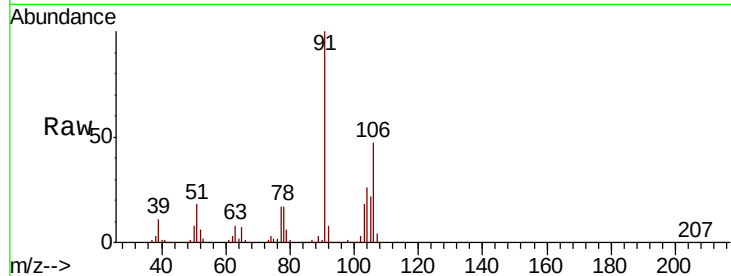
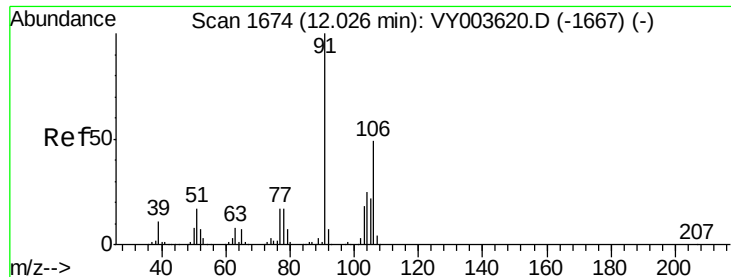
Tgt Ion: 106 Resp: 149764

Ion Ratio Lower Upper

106 100

91 192.4 133.1 247.3

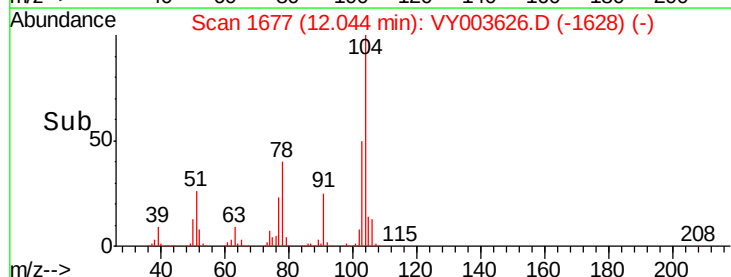
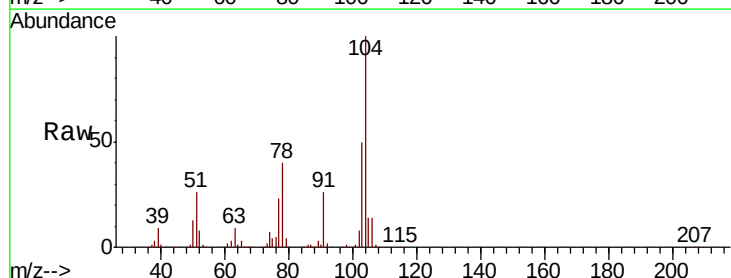
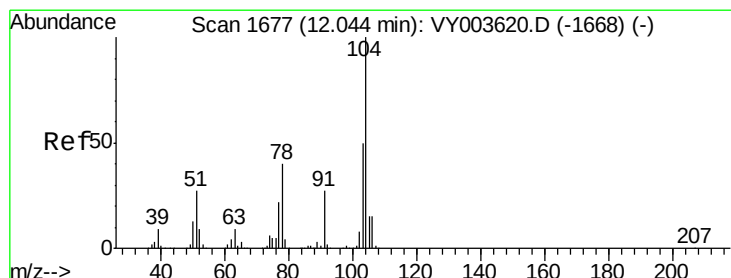
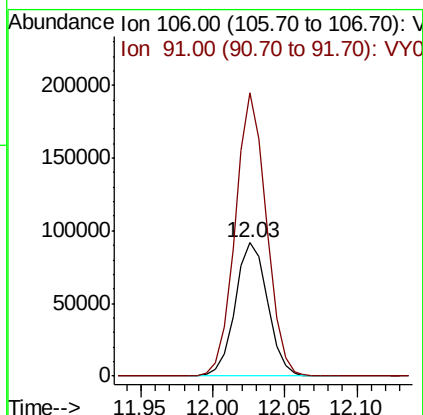




#54
o-Xylene
Concen: 25.044 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

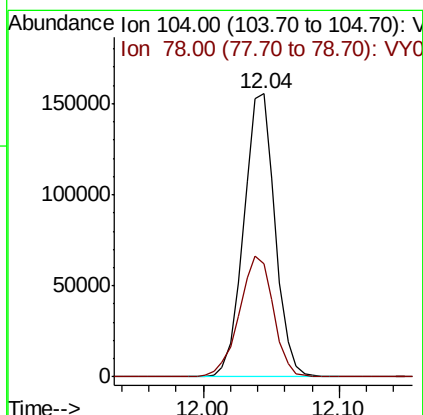
Instrument :
MSVOA_Y
ClientSampled :
VICV402

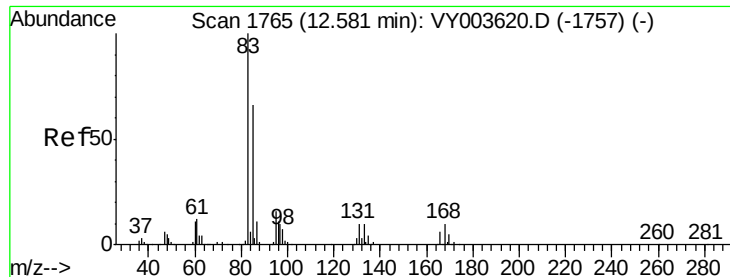
Tot Ion:106 Resp: 143652
Ion Ratio Lower Upper
106 100
91 212.8 144.1 267.5



#55
Styrene
Concen: 25.385 ug/L
RT: 12.04 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VY003626.D
Acq: 25 Nov 2020 17:53

Tgt Ion:104 Resp: 249619
Ion Ratio Lower Upper
104 100
78 40.1 27.6 51.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.725 ug/L

RT: 12.58 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

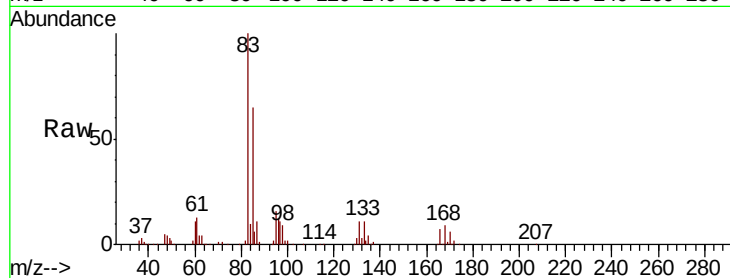
Tot Ion: 83 Resp: 94612

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.7

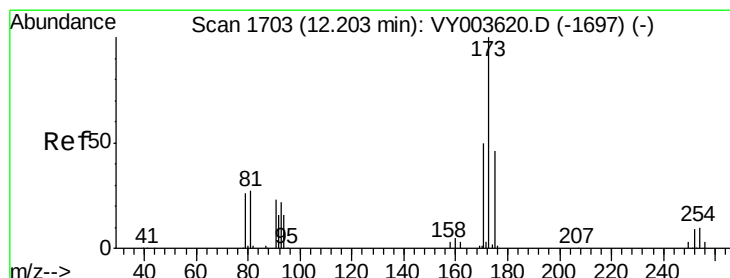
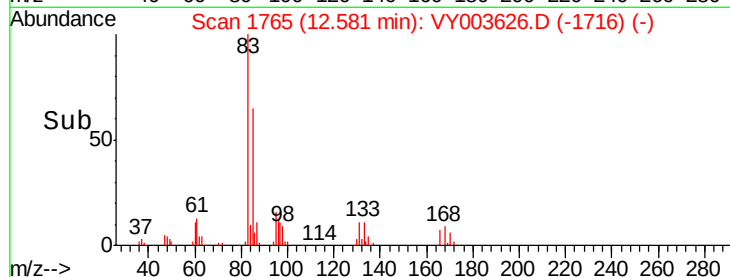
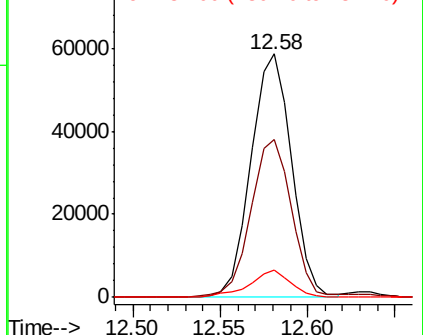
131 11.2 8.1 12.1



Abundance Ion 83.00 (82.70 to 83.70): VY003626.D (-1757) (-)

Ion 85.00 (84.70 to 85.70): VY003626.D (-1757) (-)

Ion 131.00 (130.70 to 131.70): VY003626.D (-1757) (-)



#59

Bromoform

Concen: 24.715 ug/L

RT: 12.20 min Scan# 1703

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

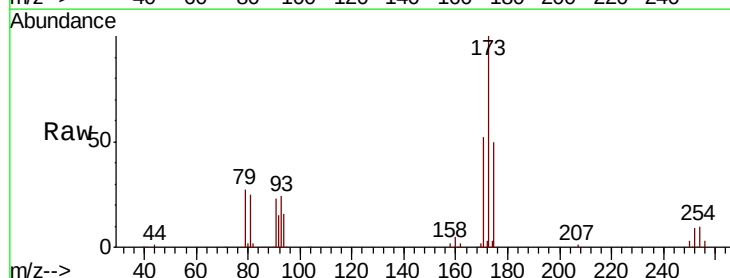
Tgt Ion: 173 Resp: 57356

Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.4

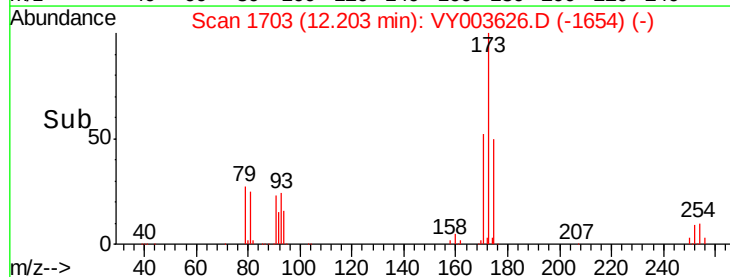
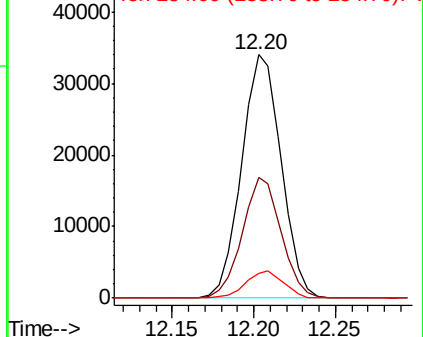
254 10.5 8.0 12.0

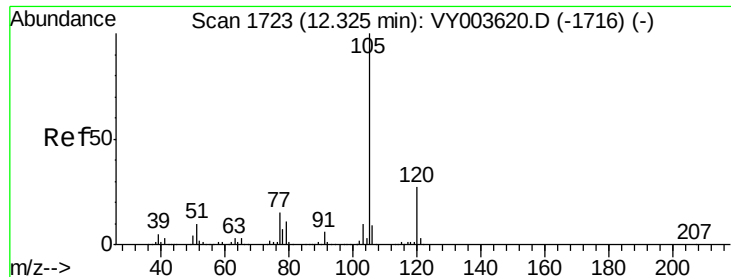


Abundance Ion 173.00 (172.70 to 173.70): VY003626.D (-1697) (-)

Ion 175.00 (174.70 to 175.70): VY003626.D (-1697) (-)

Ion 254.00 (253.70 to 254.70): VY003626.D (-1697) (-)





#60

Isopropylbenzene

Concen: 24.617 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

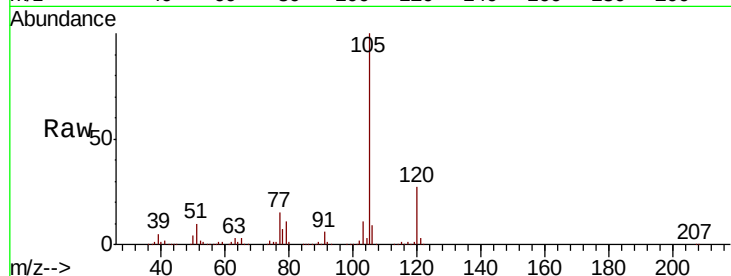
Tot Ion:105 Resp: 376899

Ion Ratio Lower Upper

105 100

120 27.6 22.0 33.0

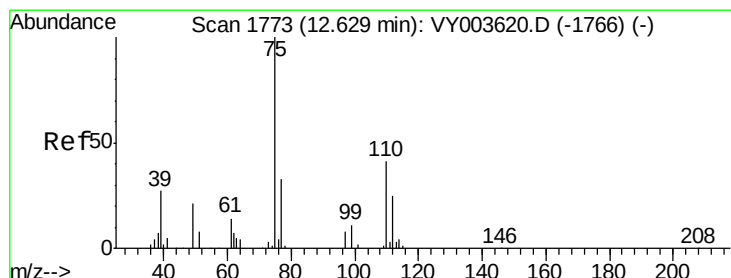
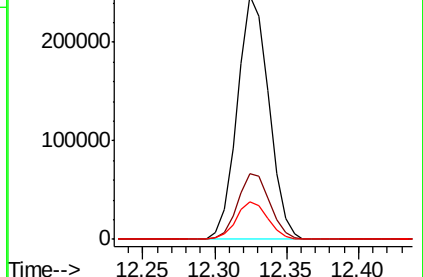
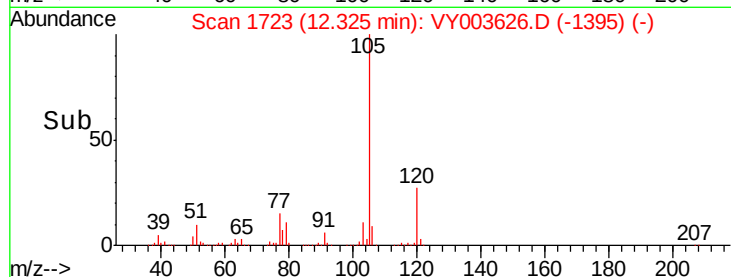
77 15.4 12.1 18.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 24.220 ug/L

RT: 12.63 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

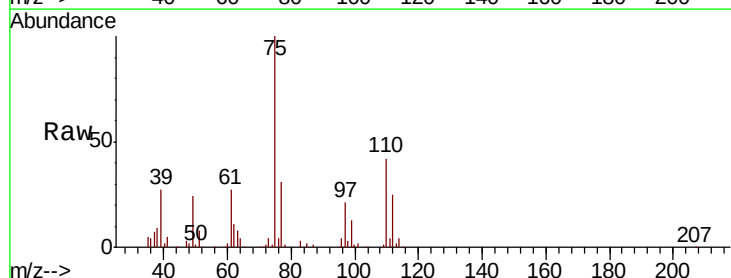
Tgt Ion: 75 Resp: 67452

Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5

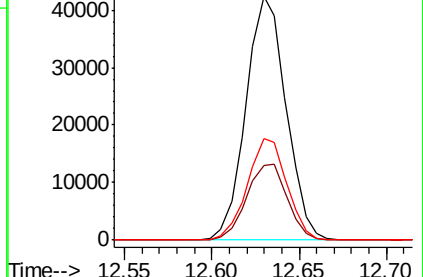
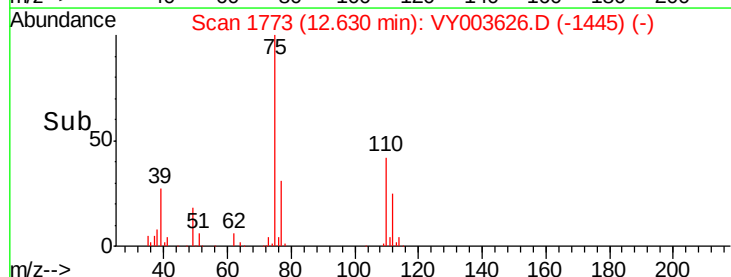
110 41.2 33.0 49.4

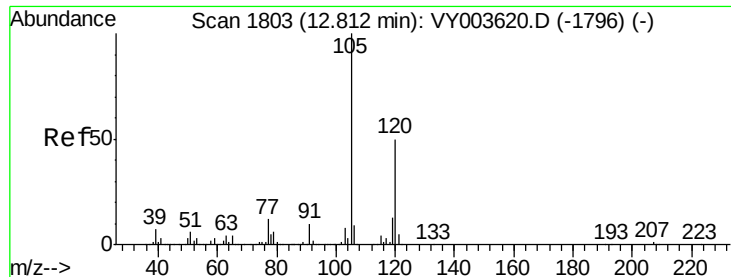


Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 24.971 ug/L

RT: 12.81 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampled :

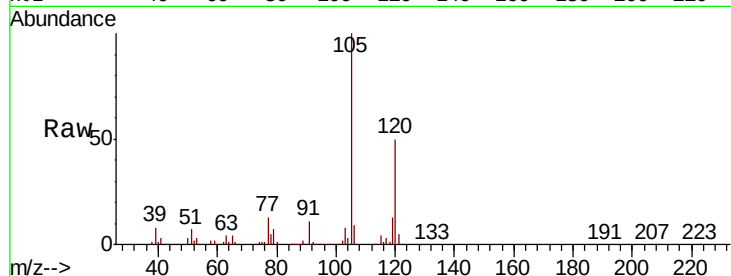
VICV402

Tot Ion:105 Resp: 300767

Ion Ratio Lower Upper

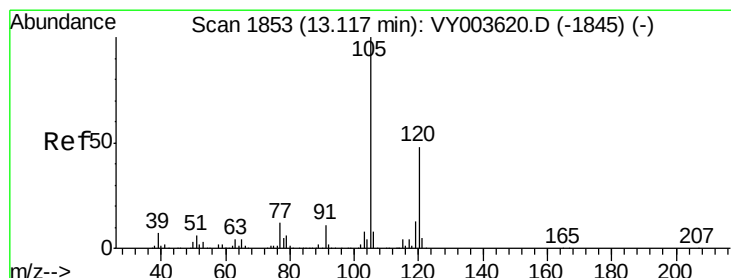
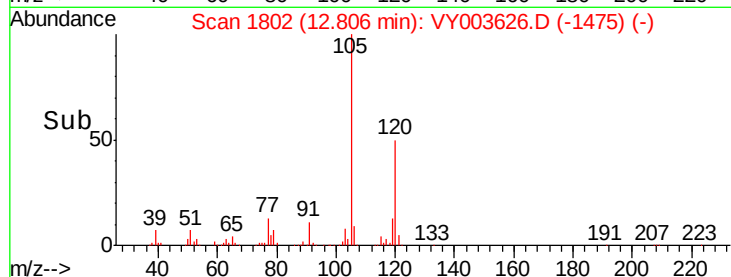
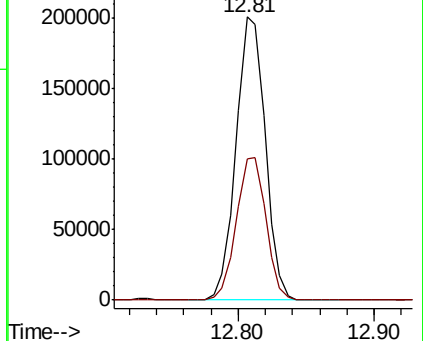
105 100

120 51.1 40.4 60.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 25.111 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VY003626.D

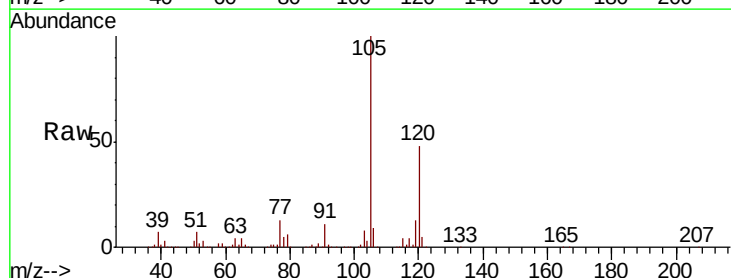
Acq: 25 Nov 2020 17:53

Tgt Ion:105 Resp: 297171

Ion Ratio Lower Upper

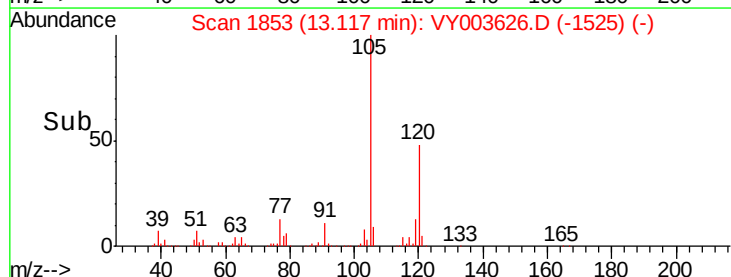
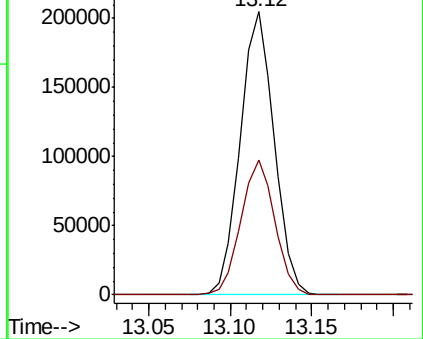
105 100

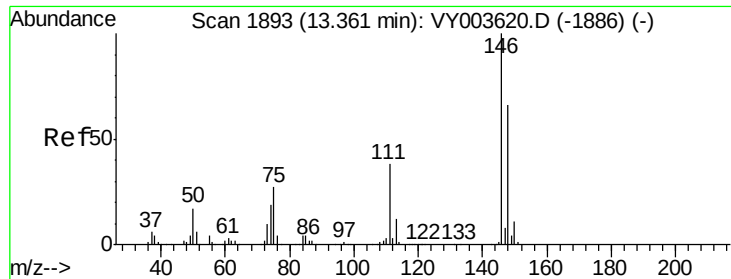
120 47.7 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#64

1,3-Dichlorobenzene

Concen: 24.448 ug/L

RT: 13.36 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

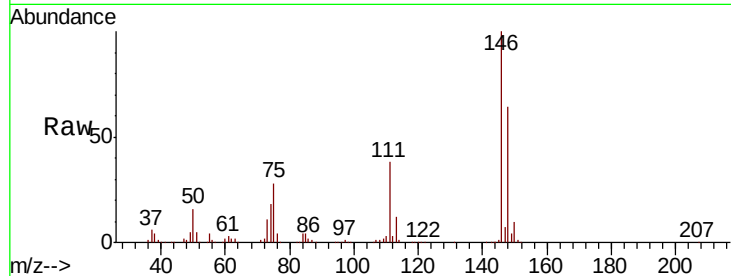
Tot Ion:146 Resp: 177707

Ion Ratio Lower Upper

146 100

111 37.5 26.6 49.4

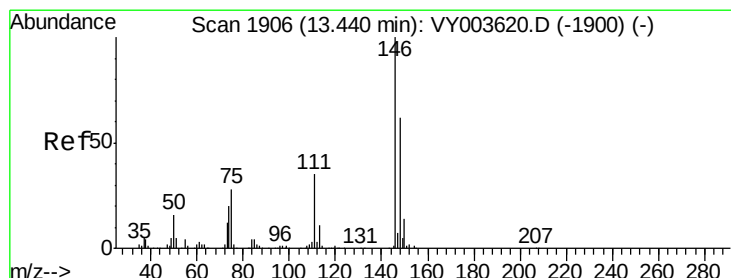
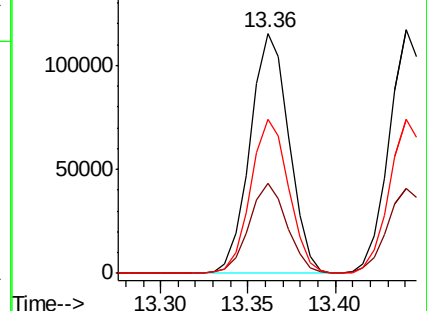
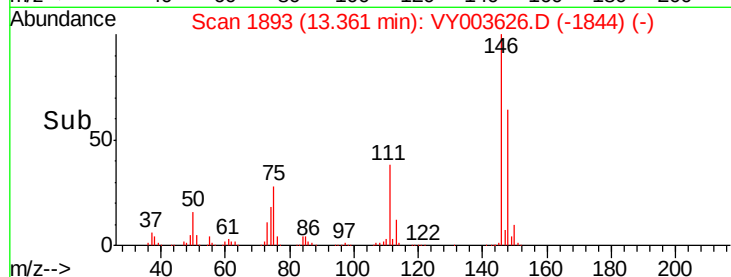
148 64.0 46.3 86.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 23.777 ug/L

RT: 13.44 min Scan# 1906

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

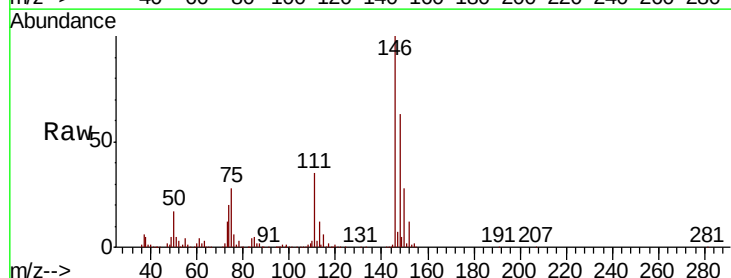
Tgt Ion:146 Resp: 176988

Ion Ratio Lower Upper

146 100

111 35.1 24.7 45.9

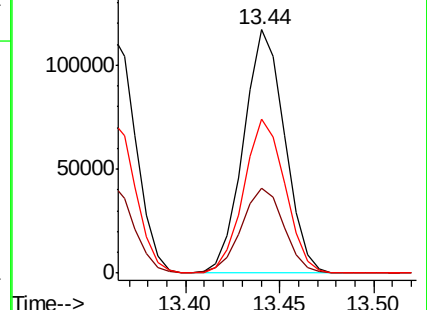
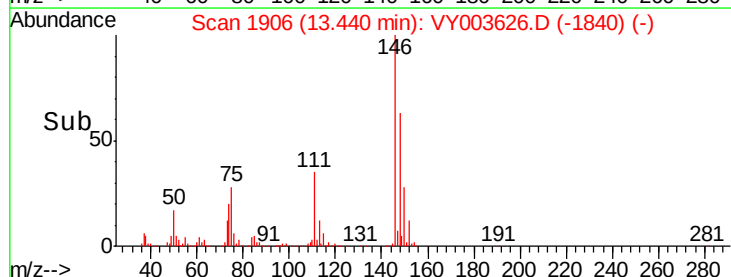
148 63.1 43.4 80.6

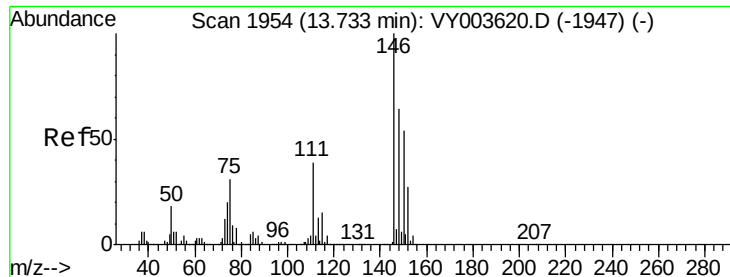


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

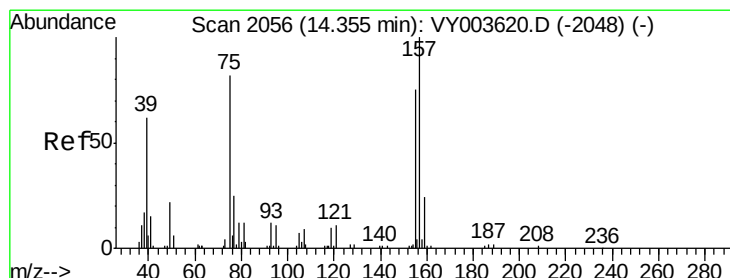
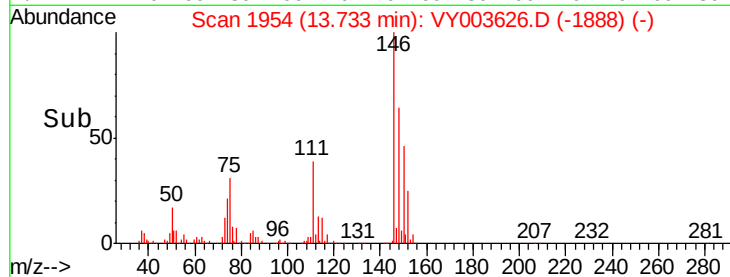
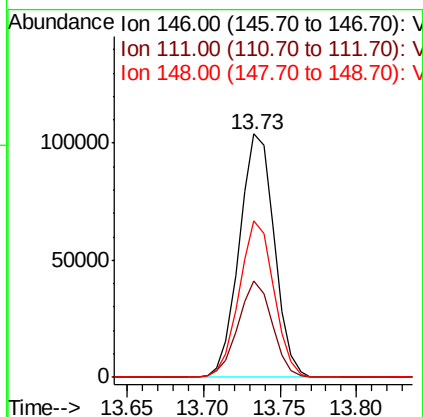
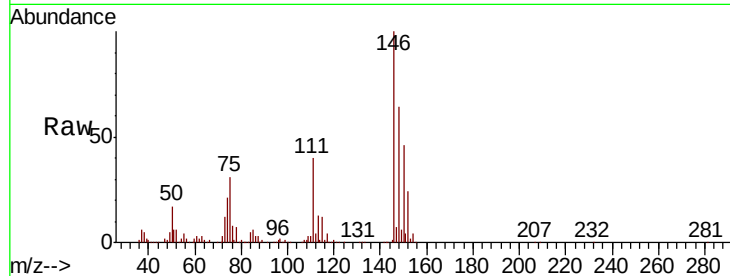




#67
 1,2-Dichlorobenzene
 Concen: 24.544 ug/L
 RT: 13.73 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

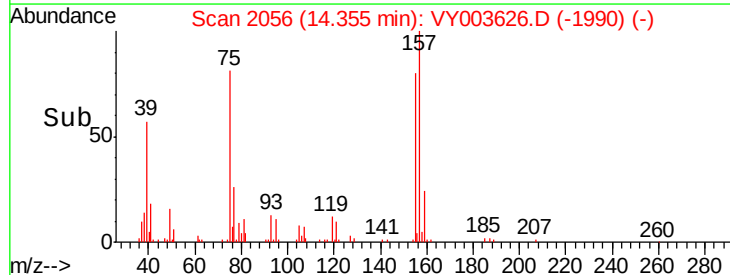
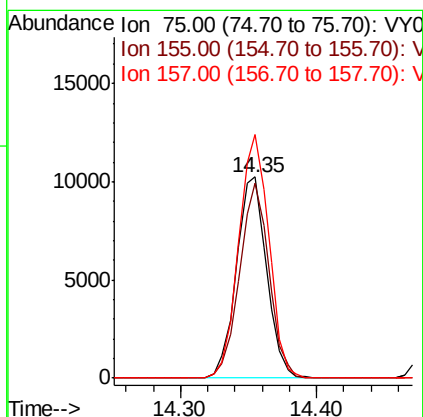
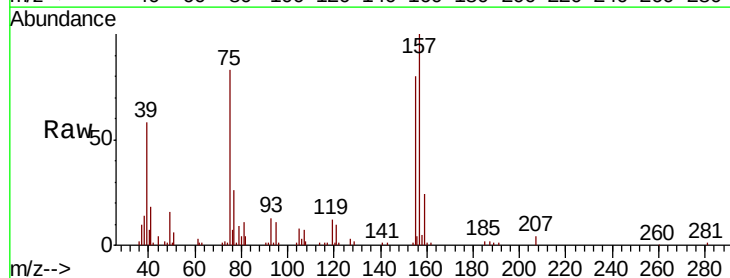
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV402

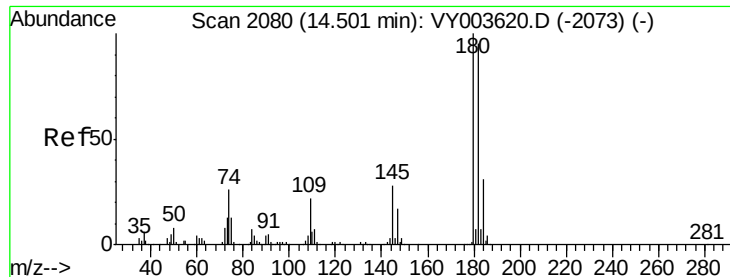
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.0	46.6
148	64.4	51.0	76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 24.985 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	73.4	110.0
157	121.0	98.1	147.1

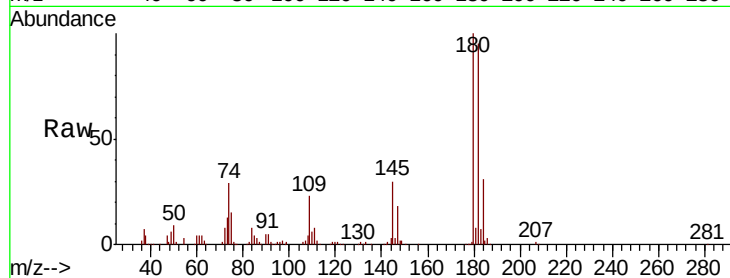




#69
 1,3,5-Trichlorobenzene
 Concen: 23.570 ug/L
 RT: 14.50 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV402

Tot Ion	180	Resp	118499
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.4	113.0
184	30.8	24.1	36.1
145	28.8	22.4	33.6



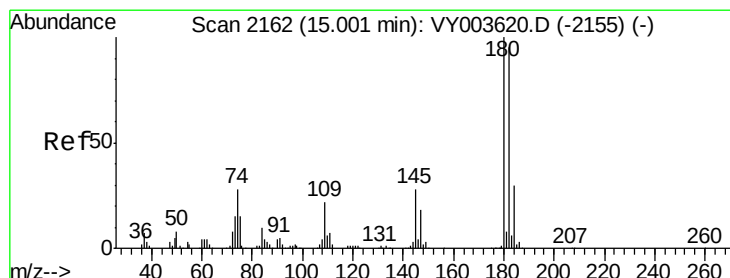
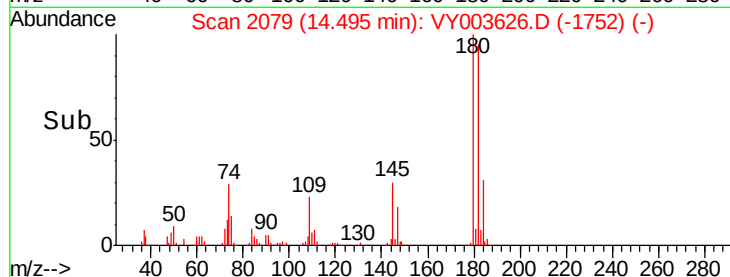
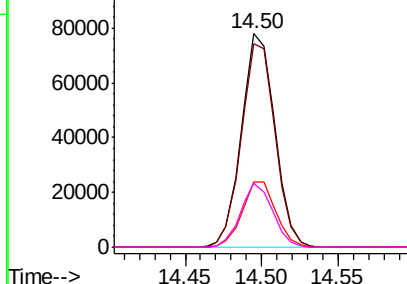
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

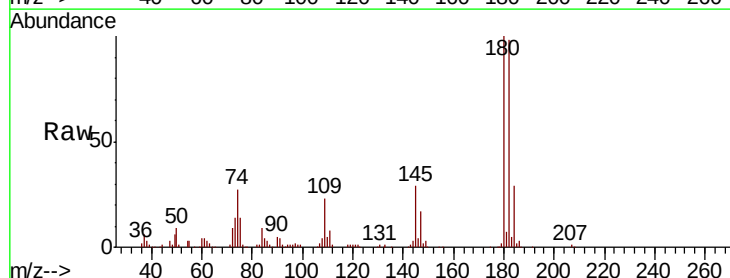
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 23.619 ug/L
 RT: 15.00 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: VY003626.D
 Acq: 25 Nov 2020 17:53

Tgt Ion	180	Resp	102271
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.1	114.1
145	28.4	22.8	34.2

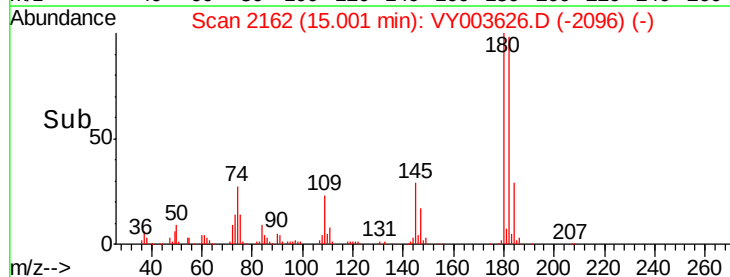
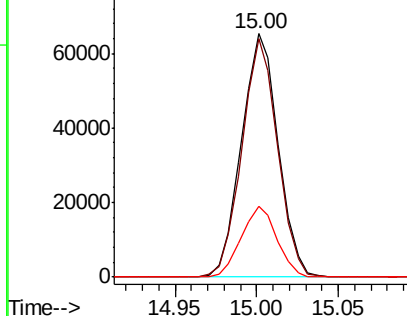


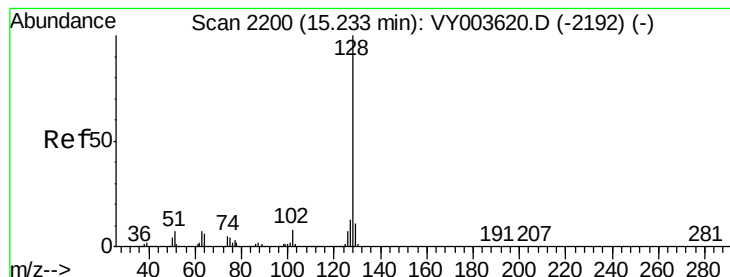
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#71

Naphthalene

Concen: 25.214 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

VICV402

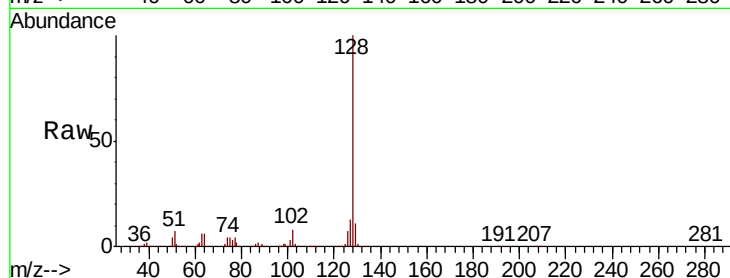
Tot Ion:128 Resp: 227311

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

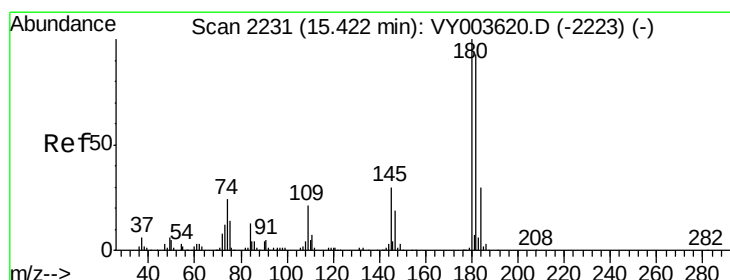
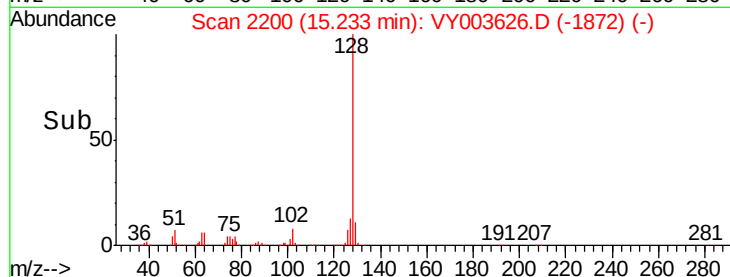
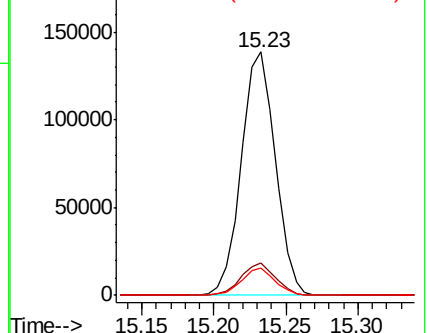
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 24.438 ug/L

RT: 15.42 min Scan# 2231

Delta R.T. 0.00 min

Lab File: VY003626.D

Acq: 25 Nov 2020 17:53

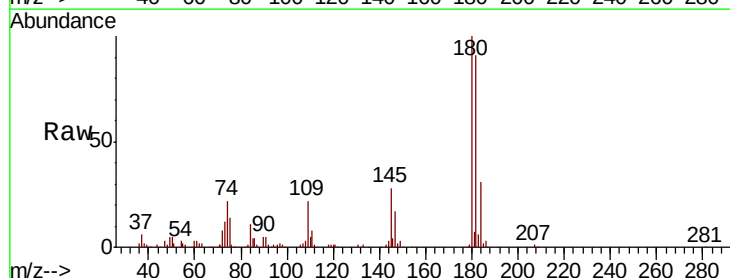
Tgt Ion:180 Resp: 97031

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.4

145 29.7 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

