

Data File : VY003588.D
Acq On : 23 Nov 2020 12:36
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VICV401

Quant Time: Nov 24 07:17:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	218012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	205881	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	105861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	76654	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.77	69	62060	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	3.85	63	163398	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.24%
21) 2-Butanone-d5	6.90	46	65307	49.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.26%
24) Chloroform-d	7.48	84	156011	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.14	65	85128	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.76%
32) Benzene-d6	8.11	84	324287	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	9.12	67	96717	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
41) Toluene-d8	10.17	98	297514	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	10.44	79	47942	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.56%
47) 2-Hexanone-d5	10.78	63	51635	51.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.14%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	86434	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
66) 1,2-Dichlorobenzene-d4	13.72	152	94763	25.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	32495	27.880 ug/L	93
3) Chloromethane	2.12	50	59034	26.769 ug/L	94
5) Vinyl chloride	2.26	62	83799	26.972 ug/L	97
6) Bromomethane	2.66	94	58827	25.866 ug/L	95
8) Chloroethane	2.80	64	51844	26.693 ug/L	96
9) Trichlorofluoromethane	3.13	101	57724	25.448 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	78281	26.308 ug/L	93
12) 1,1-Dichloroethene	3.88	96	83737	26.459 ug/L	87
13) Acetone	3.97	43	40559	46.185 ug/L	72
14) Carbon disulfide	4.20	76	266947	26.537 ug/L	100
15) Methyl Acetate	4.49	43	59669	25.589 ug/L	100
16) Methylene chloride	4.71	84	97704	22.917 ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	88711	26.466 ug/L	97
18) Methyl tert-butyl Ether	5.22	73	134121	26.900 ug/L	100
19) 1,1-Dichloroethane	6.02	63	152718	26.790 ug/L	96
20) cis-1,2-Dichloroethene	6.99	96	93569	26.768 ug/L	98
22) 2-Butanone	7.00	43	74690	50.107 ug/L	99

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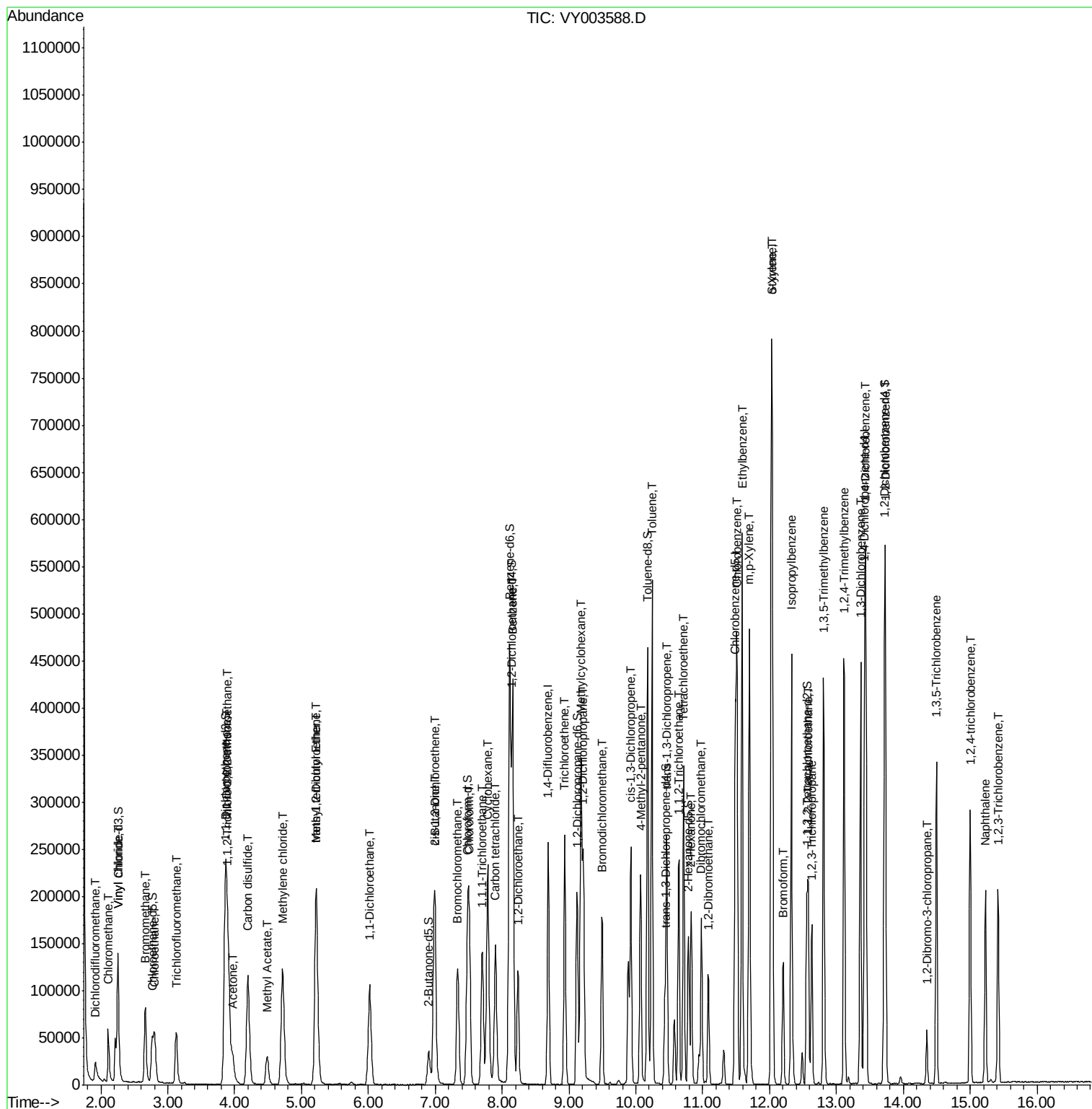
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.33	128	43938	26.182	ug/L	98
25) Chloroform	7.51	83	150610	26.612	ug/L	100
27) 1,2-Dichloroethane	8.24	62	100951	26.491	ug/L	100
29) Cyclohexane	7.78	56	137350	27.164	ug/L	98
30) 1,1,1-Trichloroethane	7.71	97	119339	26.814	ug/L	98
31) Carbon tetrachloride	7.90	117	115296	26.490	ug/L	96
33) Benzene	8.16	78	354843	26.263	ug/L	100
34) Trichloroethene	8.94	95	87035	25.981	ug/L	96
35) Methylcyclohexane	9.18	83	137254	26.095	ug/L	98
37) 1,2-Dichloropropane	9.21	63	89608	26.189	ug/L	100
38) Bromodichloromethane	9.49	83	112769	25.976	ug/L	97
39) cis-1,3-Dichloropropene	9.92	75	141658	26.790	ug/L	98
40) 4-Methyl-2-pentanone	10.07	43	152395	53.006	ug/L	100
42) Toluene	10.24	91	381019	26.840	ug/L	99
44) trans-1,3-Dichloropropene	10.46	75	130522	26.621	ug/L	95
45) 1,1,2-Trichloroethane	10.64	97	72499	26.186	ug/L	98
46) Tetrachloroethene	10.72	164	76530	26.069	ug/L	99
48) 2-Hexanone	10.83	43	116712	52.433	ug/L	98
49) Dibromochloromethane	10.98	129	86810	26.746	ug/L	97
50) 1,2-Dibromoethane	11.08	107	71964	26.555	ug/L	98
51) Chlorobenzene	11.51	112	240624	26.640	ug/L	100
52) Ethylbenzene	11.59	91	398637	27.521	ug/L	99
53) m,p-Xylene	11.70	106	152095	27.208	ug/L	96
54) o-Xylene	12.03	106	133359	28.227	ug/L	100
55) Styrene	12.04	104	257901	27.912	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	88698	26.611	ug/L	99
59) Bromoform	12.20	173	59093	26.241	ug/L	98
60) Isopropylbenzene	12.33	105	296248	27.728	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	66509	25.850	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	225640	28.719	ug/L	98
63) 1,2,4-Trimethylbenzene	13.11	105	238633	28.649	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	183292	27.012	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	186777	26.436	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	156332	27.257	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	11994	26.024	ug/L	98
69) 1,3,5-Trichlorobenzene	14.50	180	101915	27.839	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	88362	27.901	ug/L	100
71) Naphthalene	15.23	128	163774	28.628	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	67529	28.214	ug/L	99

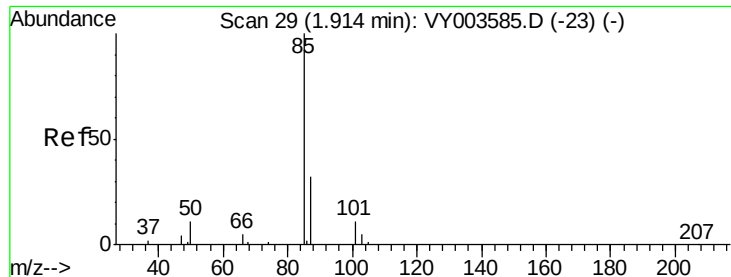
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 27.880 ug/L

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

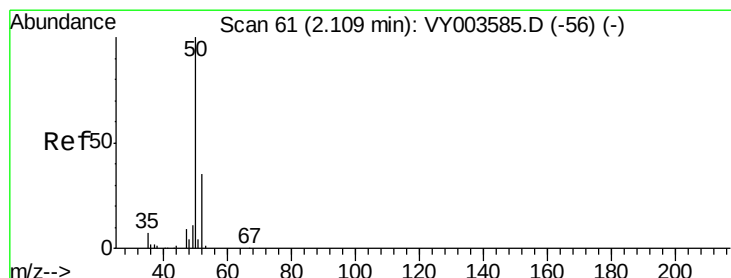
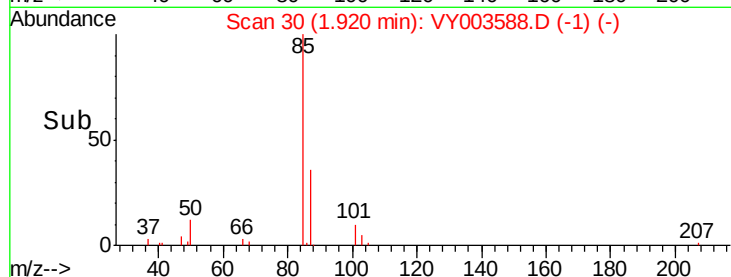
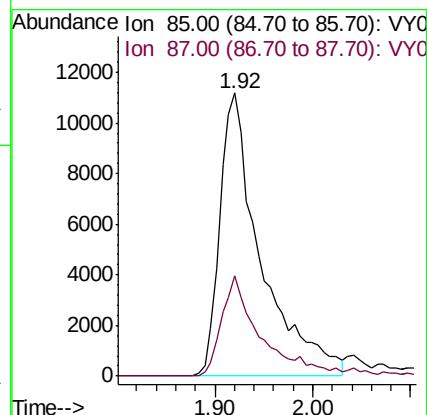
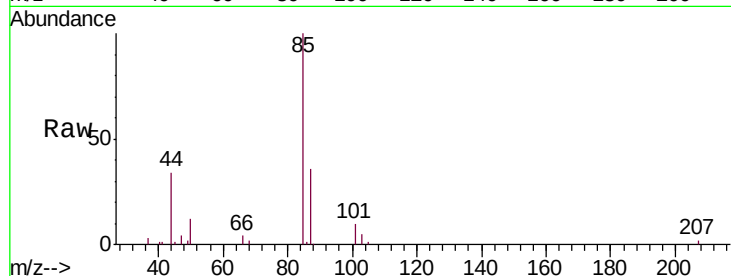
VICV401

Tgt Ion: 85 Resp: 32495

Ion Ratio Lower Upper

85 100

87 30.1 27.2 40.8



#3

Chloromethane

Concen: 26.769 ug/L

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY003588.D

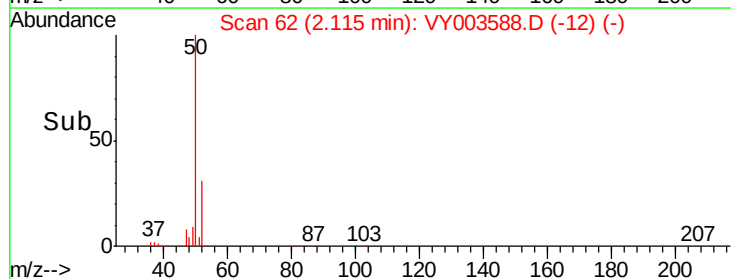
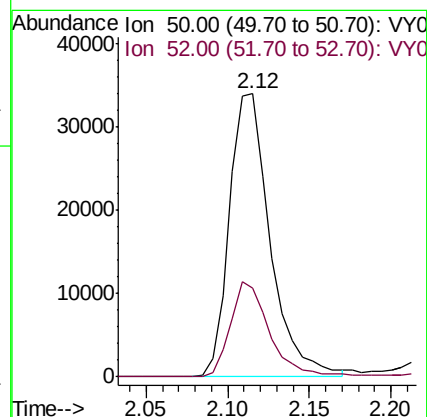
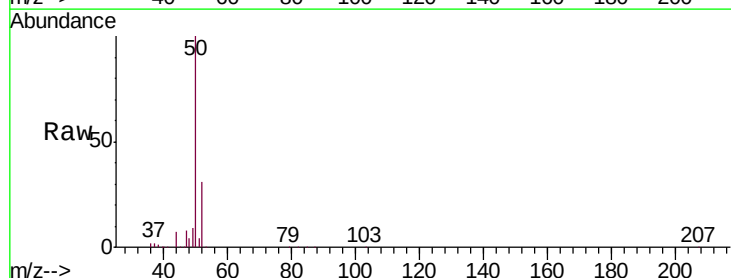
Acq: 23 Nov 2020 12:36

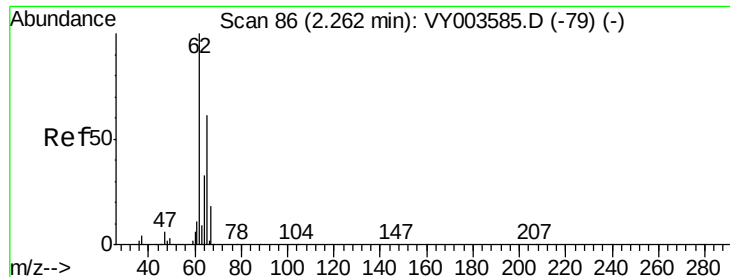
Tgt Ion: 50 Resp: 59034

Ion Ratio Lower Upper

50 100

52 31.3 24.4 45.4





#5

Vinyl chloride

Concen: 26.972 ug/L

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

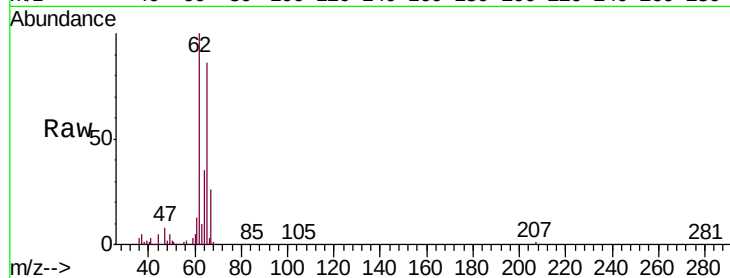
VICV401

Tgt Ion: 62 Resp: 83799

Ion Ratio Lower Upper

62 100

64 34.5 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0

2.26

40000

30000

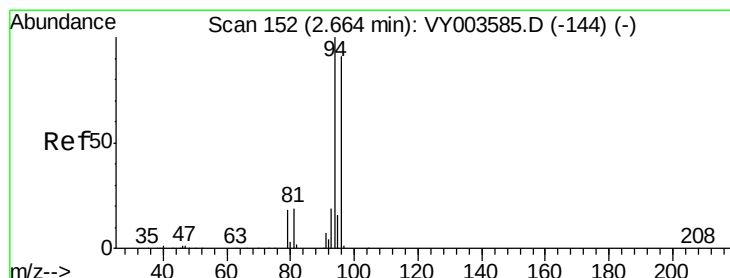
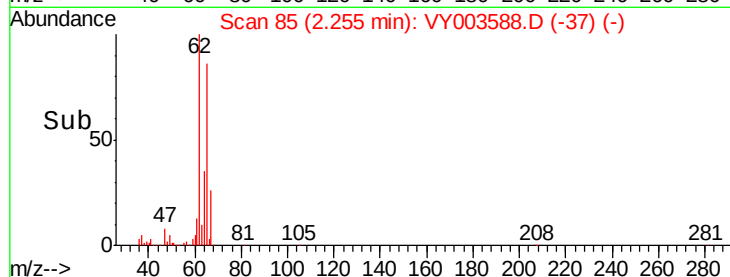
20000

10000

0

Time-->

2.20 2.30 2.40



#6

Bromomethane

Concen: 25.866 ug/L

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY003588.D

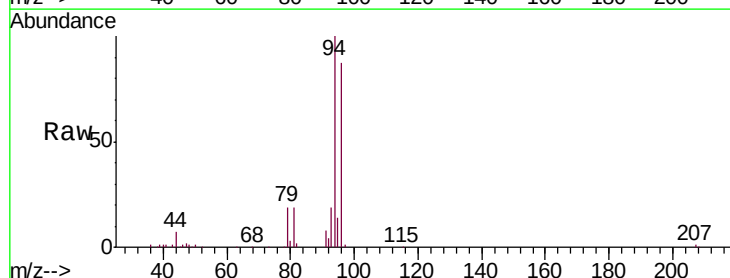
Acq: 23 Nov 2020 12:36

Tgt Ion: 94 Resp: 58827

Ion Ratio Lower Upper

94 100

96 87.5 64.5 119.7



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0

2.66

30000

25000

20000

15000

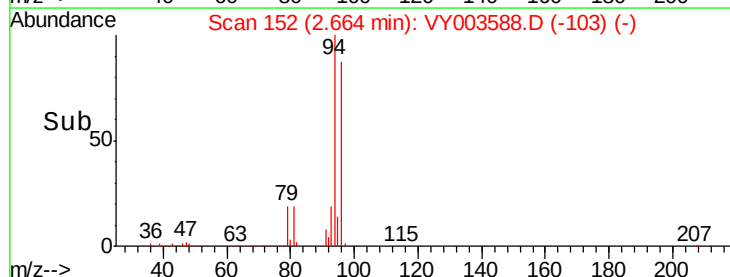
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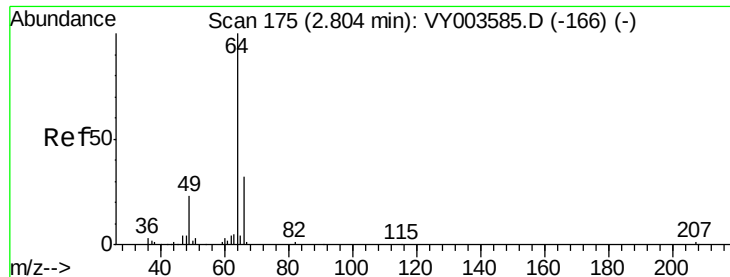
5000

0

Time-->

2.55 2.60 2.65 2.70 2.75

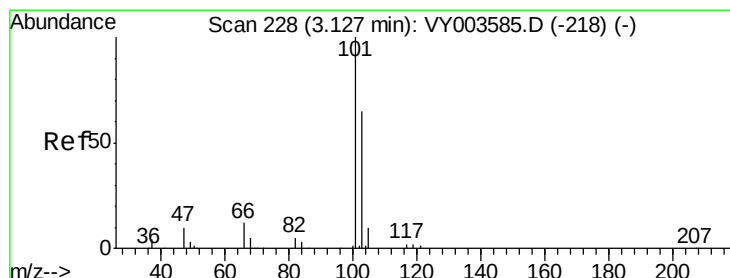
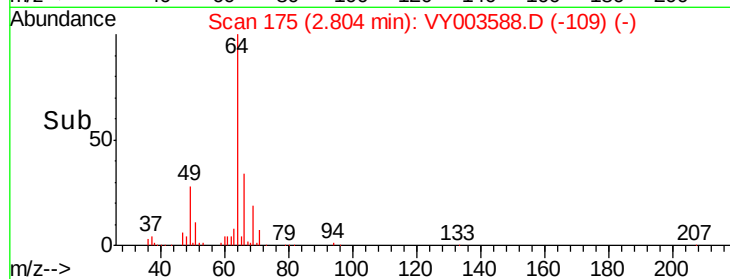
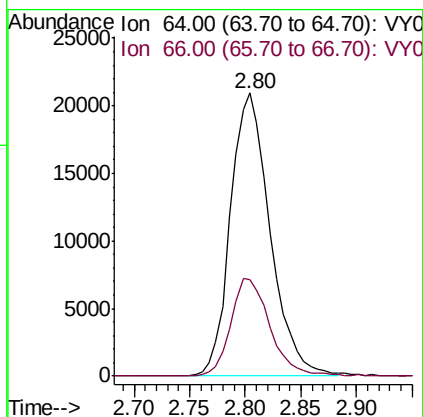
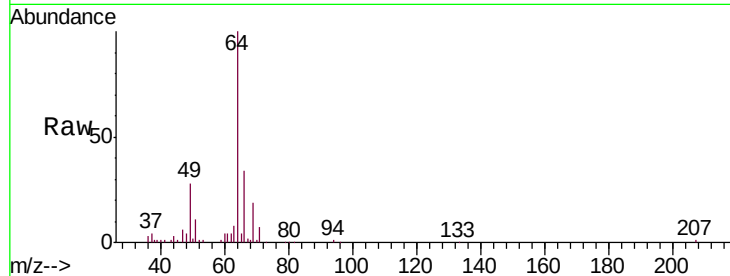




#8
Chloroethane
Concen: 26.693 ug/L
RT: 2.80 min Scan# 175
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

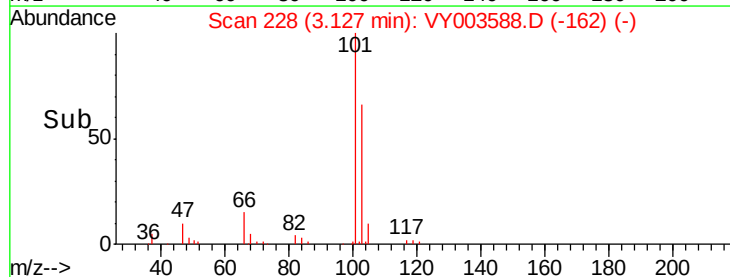
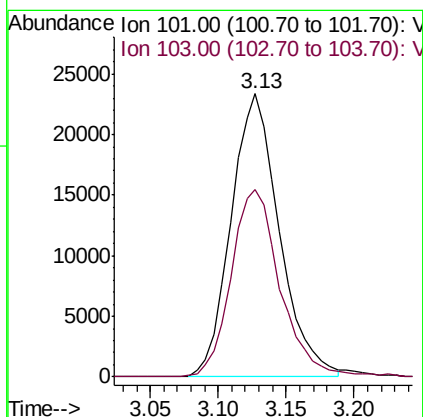
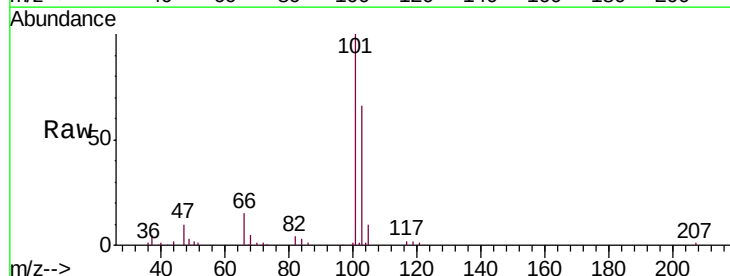
Instrument :
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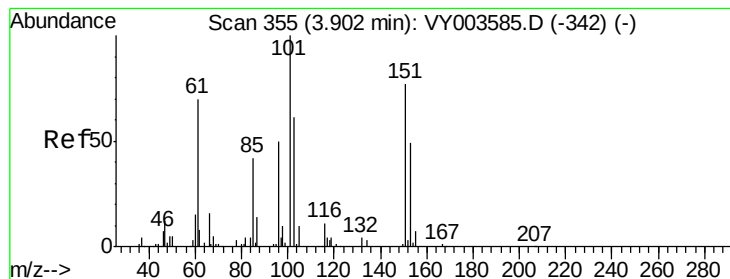
Tgt Ion: 64 Resp: 51844
Ion Ratio Lower Upper
64 100
66 33.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.448 ug/L
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 101 Resp: 57724
Ion Ratio Lower Upper
101 100
103 67.3 54.0 81.0





#10

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

Concen: 26.308 ug/L

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VICV401

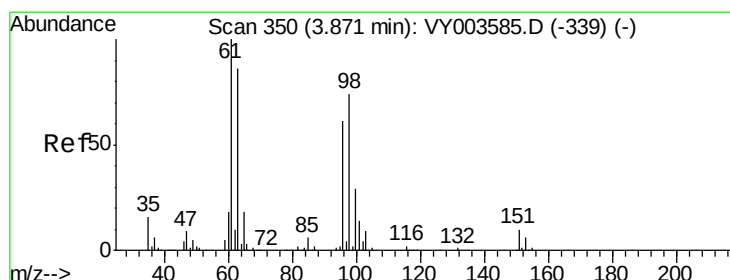
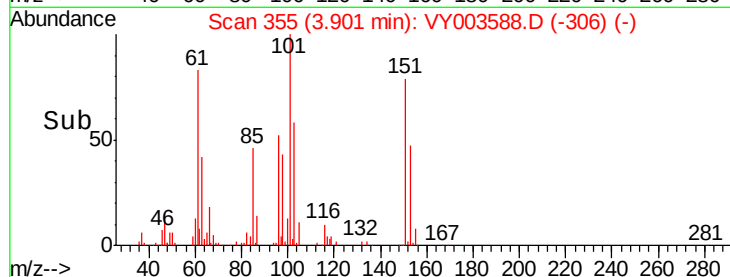
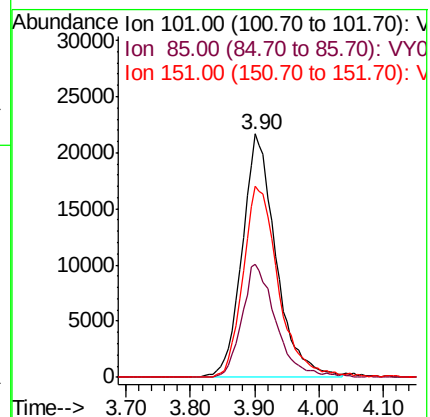
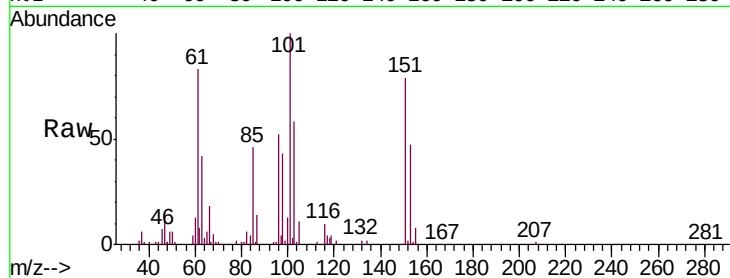
Tgt Ion:101 Resp: 78281

Ion Ratio Lower Upper

101 100

85 46.4 34.1 51.1

151 81.9 60.6 90.8



#12

1,1-Dichloroethene

Concen: 26.459 ug/L

RT: 3.88 min Scan# 351

Delta R.T. 0.01 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

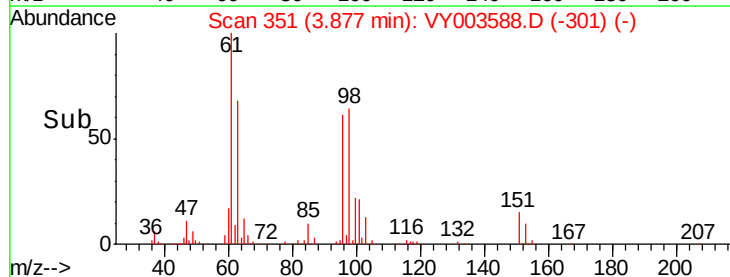
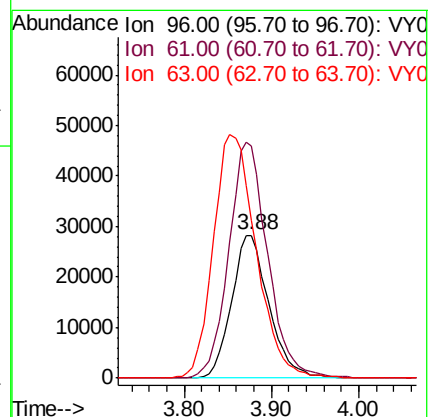
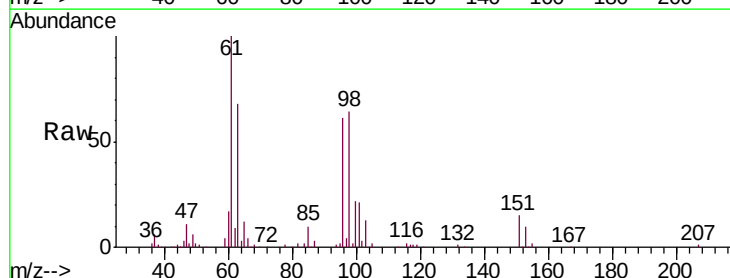
Tgt Ion: 96 Resp: 83737

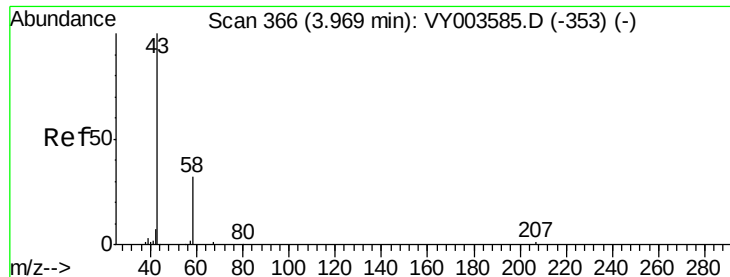
Ion Ratio Lower Upper

96 100

61 162.7 114.5 212.7

63 110.7 100.8 187.2





#13

Acetone

Concen: 46.185 ug/L

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

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Acq: 23 Nov 2020 12:36

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MSVOA_Y

ClientSampled :

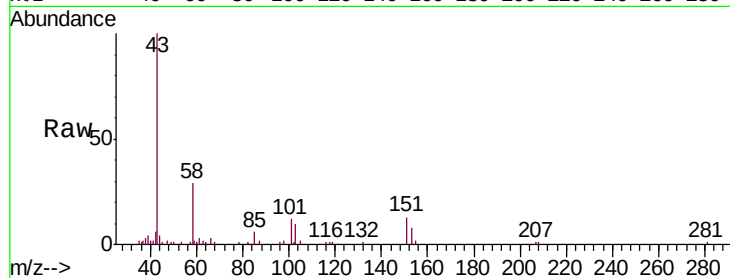
VICV401

Tgt Ion: 43 Resp: 40559

Ion Ratio Lower Upper

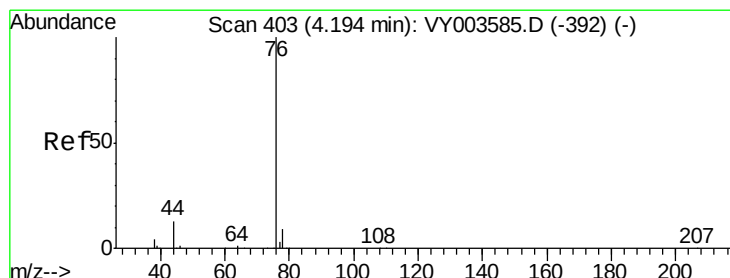
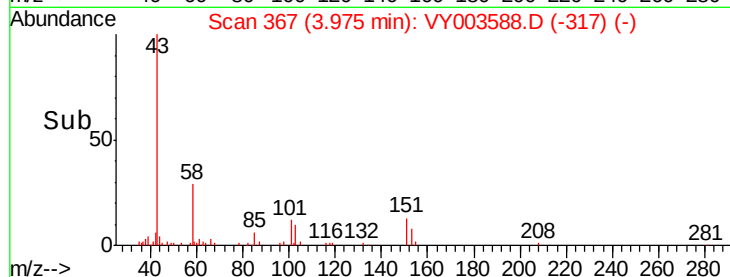
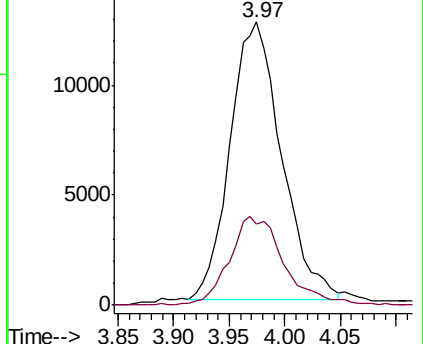
43 100

58 18.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VY003588.D (-367) (-)

Ion 58.00 (57.70 to 58.70): VY003588.D (-367) (-)



#14

Carbon disulfide

Concen: 26.537 ug/L

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY003588.D

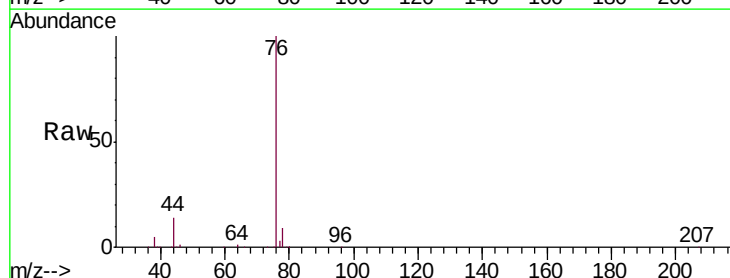
Acq: 23 Nov 2020 12:36

Tgt Ion: 76 Resp: 266947

Ion Ratio Lower Upper

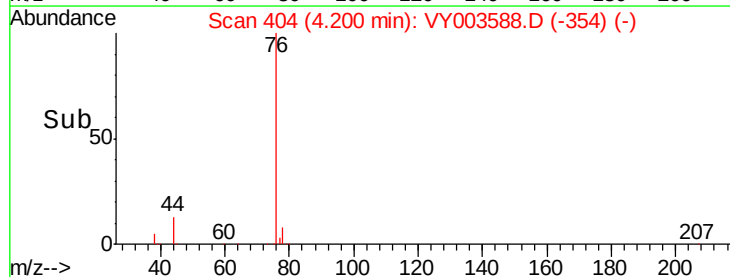
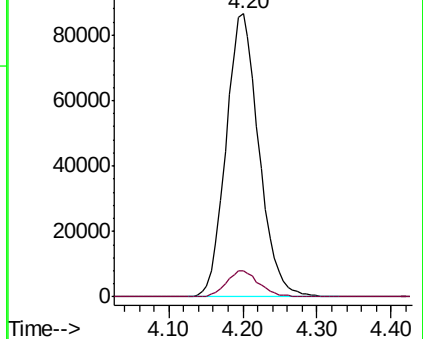
76 100

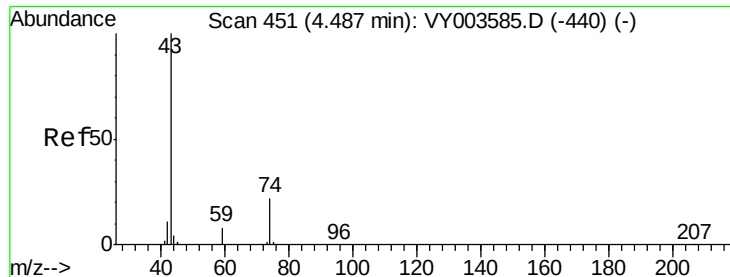
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VY003588.D (-404) (-)

Ion 78.00 (77.70 to 78.70): VY003588.D (-404) (-)

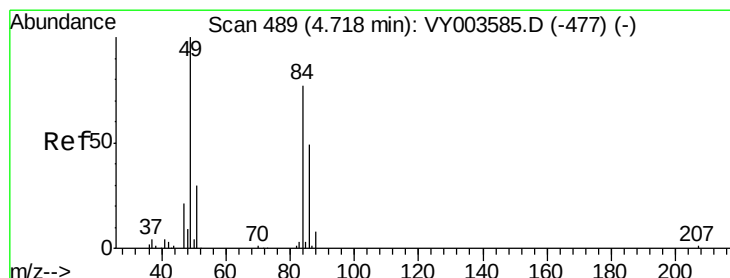
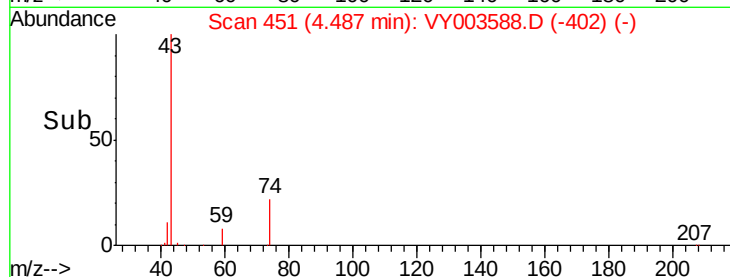
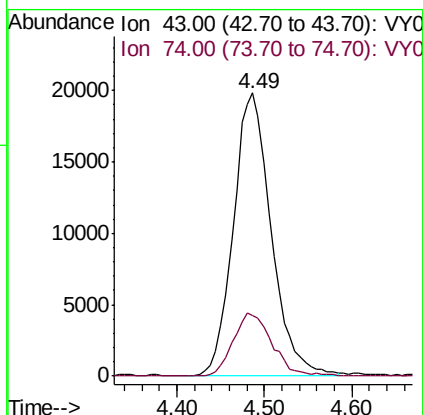
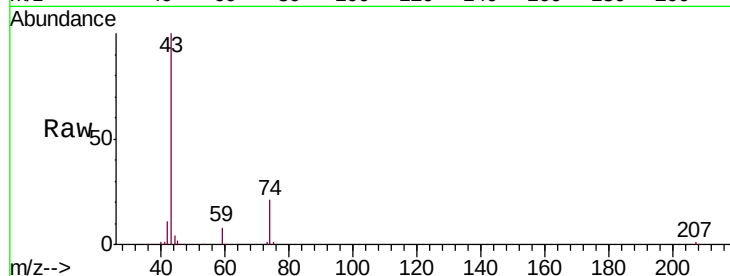




#15
Methyl Acetate
Concen: 25.589 ug/L
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

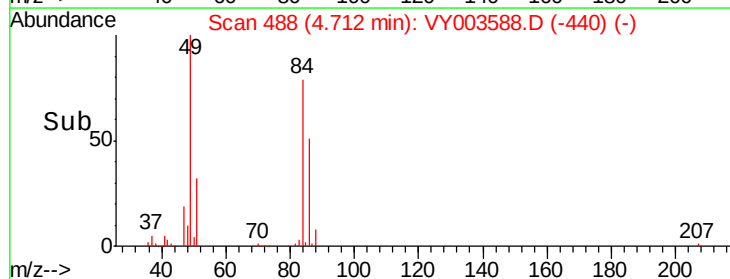
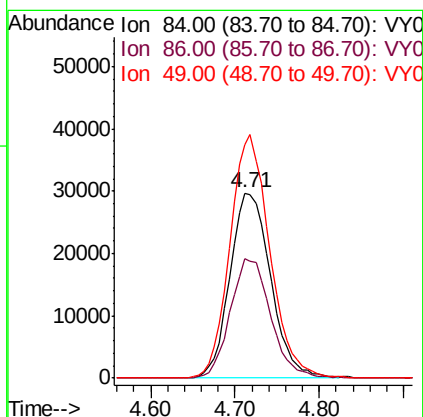
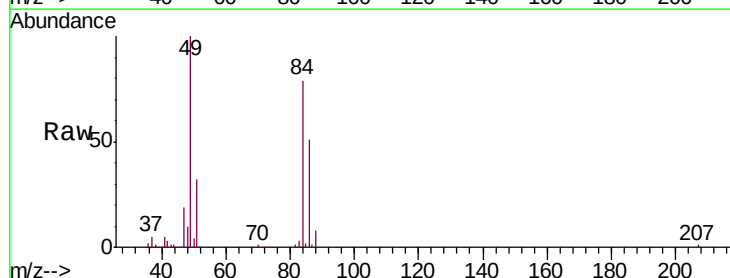
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

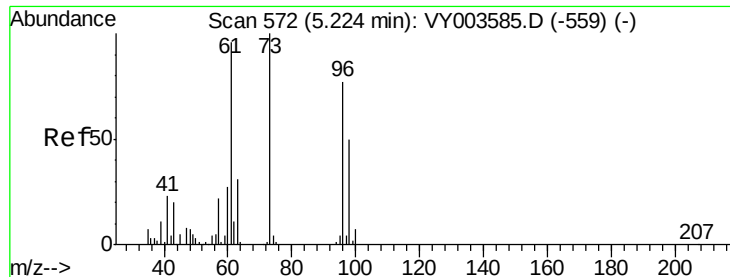
Tgt Ion: 43 Resp: 59669
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#16
Methylene chloride
Concen: 22.917 ug/L
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 84 Resp: 97704
Ion Ratio Lower Upper
84 100
86 64.4 45.2 84.0
49 126.2 91.5 169.9

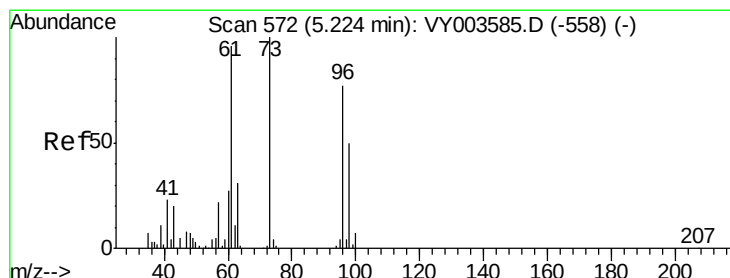
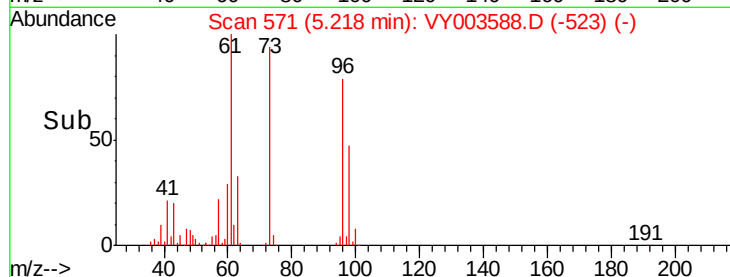
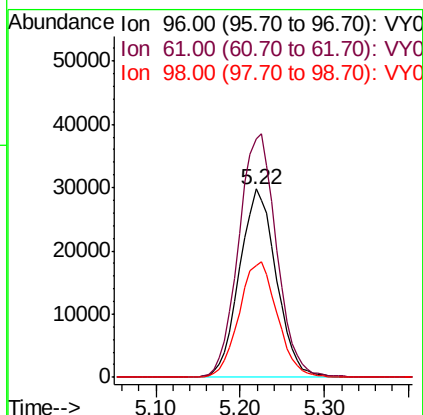
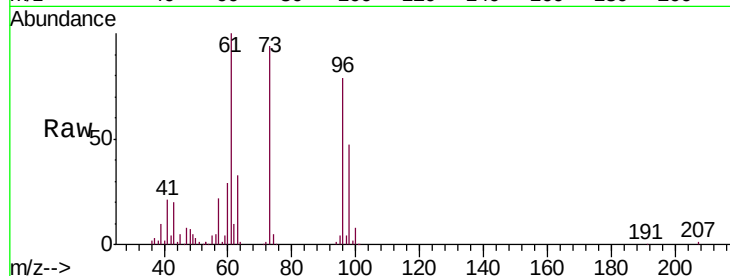




#17
trans-1,2-Dichloroethene
Concen: 26.466 ug/L
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

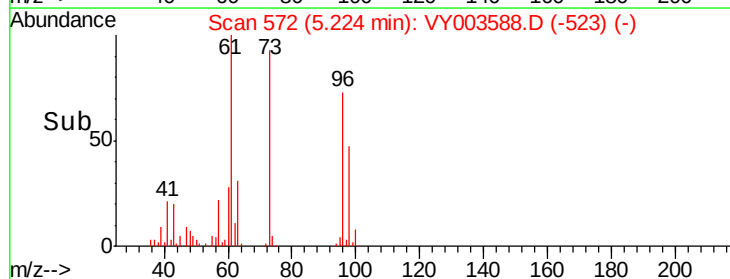
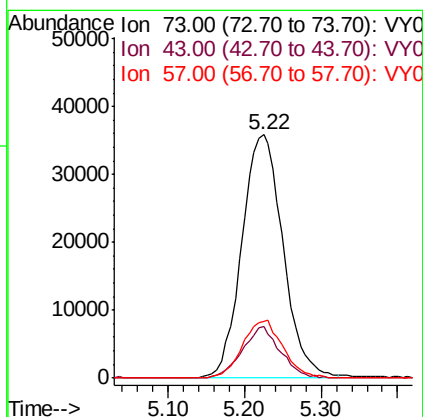
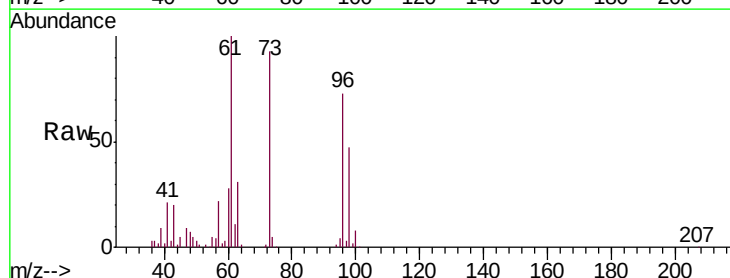
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

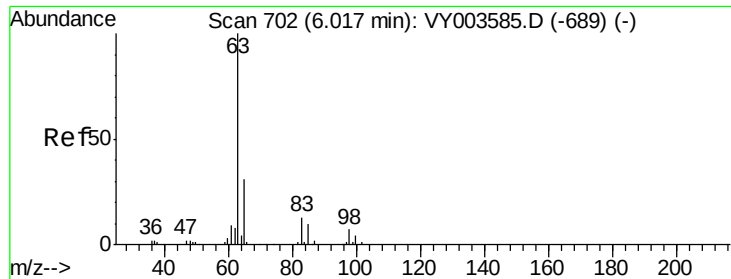
Tgt Ion: 96 Resp: 88711
Ion Ratio Lower Upper
96 100
61 126.4 87.2 161.9
98 59.5 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 26.900 ug/L
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 73 Resp: 134121
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 23.1 18.2 27.4

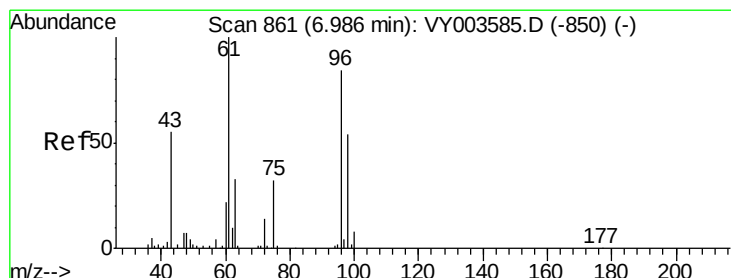
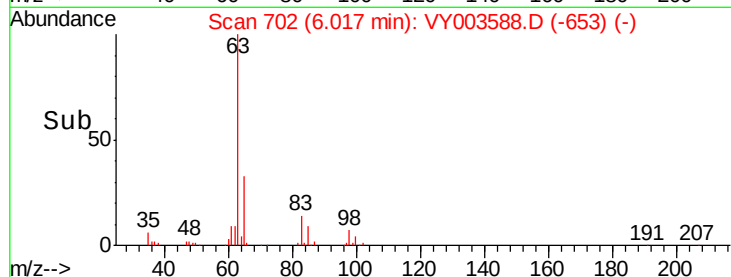
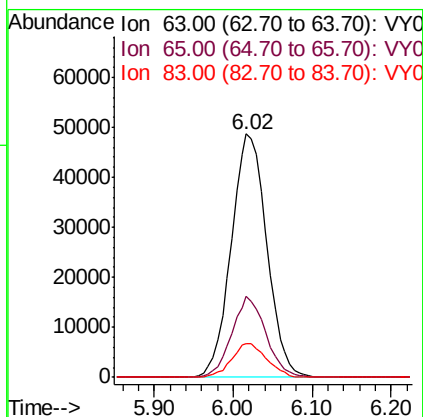
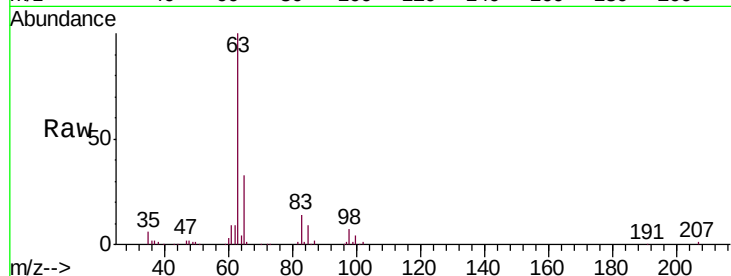




#19
 1,1-Dichloroethane
 Concen: 26.790 ug/L
 RT: 6.02 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

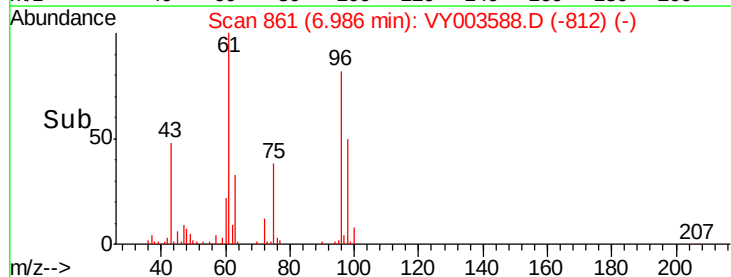
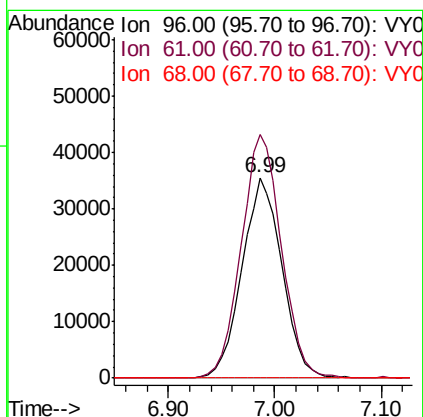
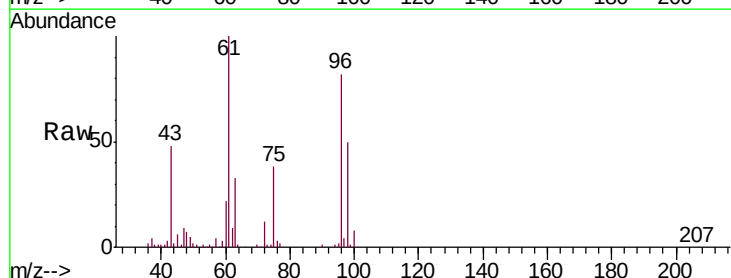
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV401

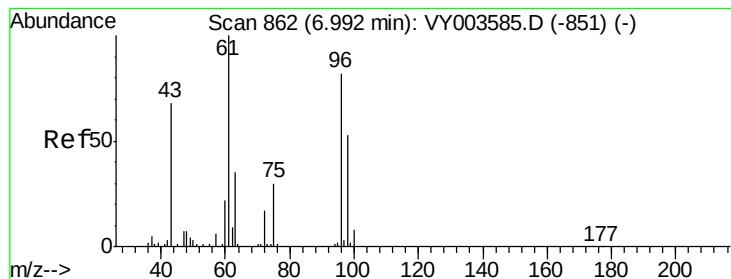
Tgt Ion: 63 Resp: 152718
 Ion Ratio Lower Upper
 63 100
 65 33.5 21.7 40.3
 83 13.9 8.9 16.5



#20
 cis-1,2-Dichloroethene
 Concen: 26.768 ug/L
 RT: 6.99 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Tgt Ion: 96 Resp: 93569
 Ion Ratio Lower Upper
 96 100
 61 121.7 83.7 155.4
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 50.107 ug/L

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

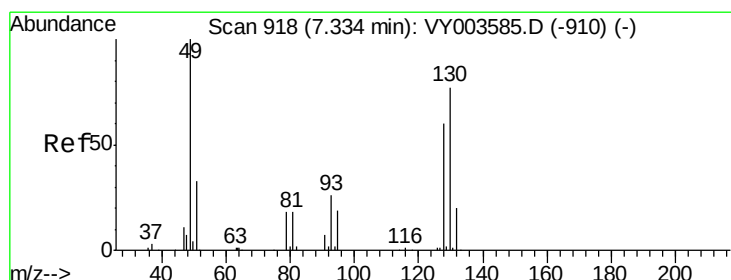
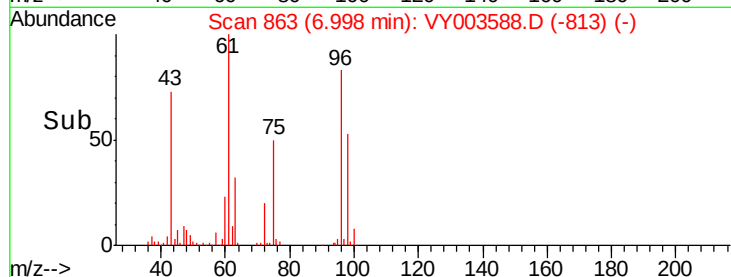
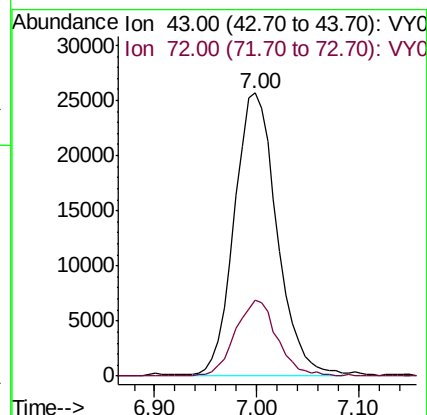
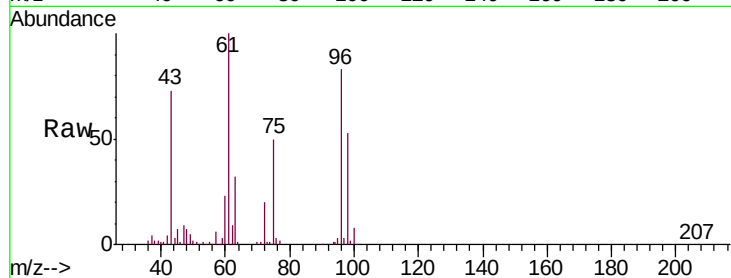
VICV401

Tgt Ion: 43 Resp: 74690

Ion Ratio Lower Upper

43 100

72 26.2 13.0 38.9



#23

Bromochloromethane

Concen: 26.182 ug/L

RT: 7.33 min Scan# 918

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Tgt Ion: 128 Resp: 43938

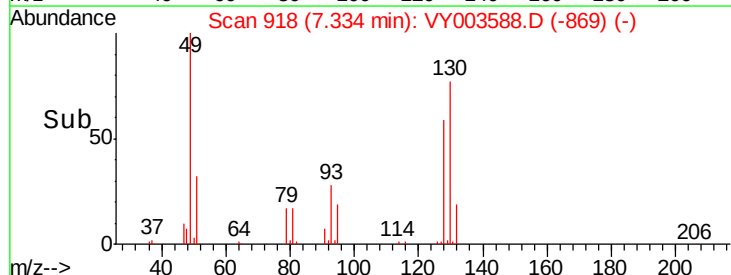
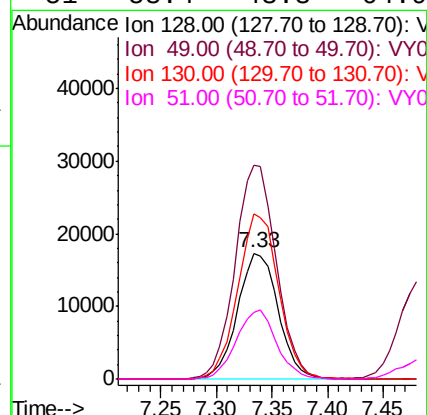
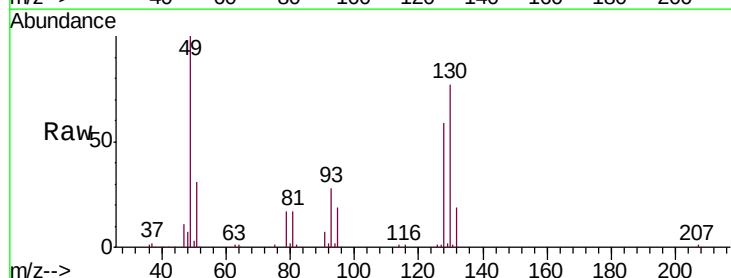
Ion Ratio Lower Upper

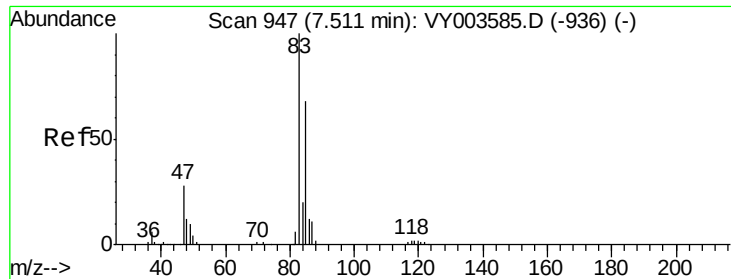
128 100

49 169.8 117.1 217.5

130 131.2 89.4 166.0

51 53.4 43.3 64.9

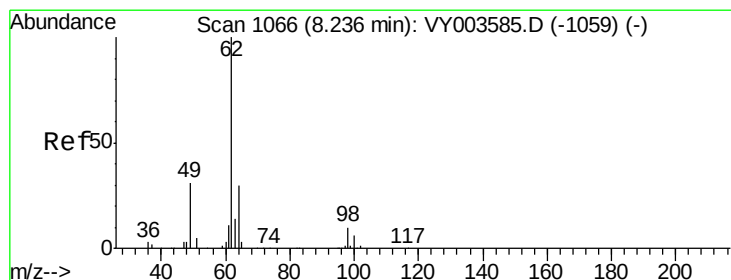
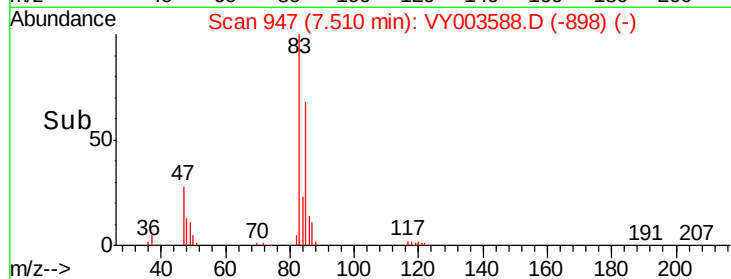
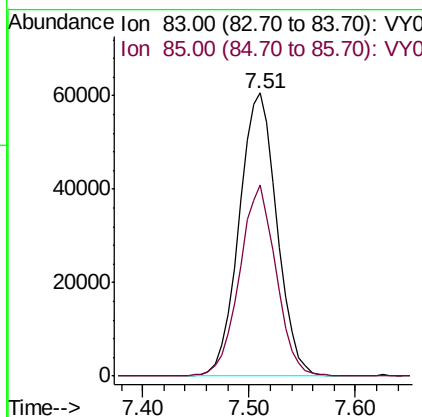
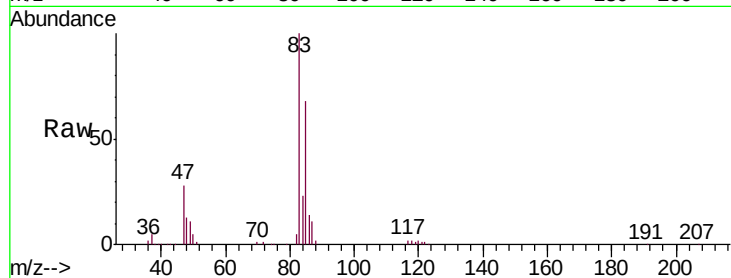




#25
Chloroform
Concen: 26.612 ug/L
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

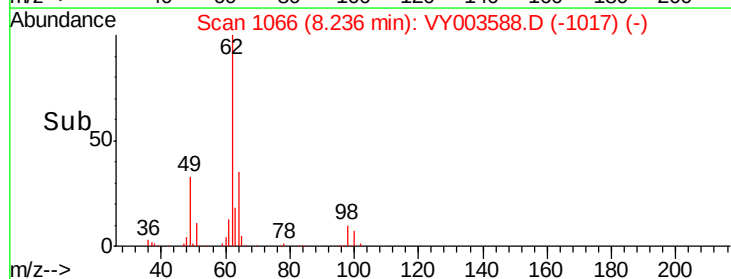
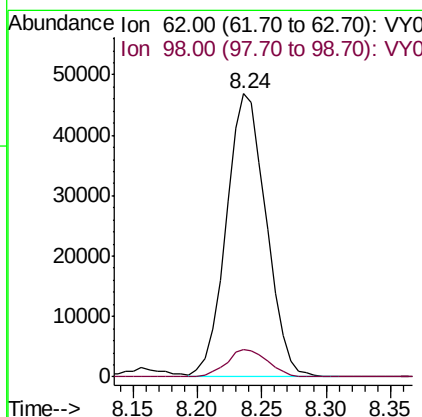
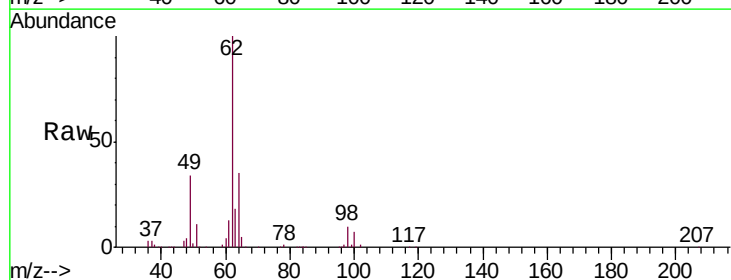
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

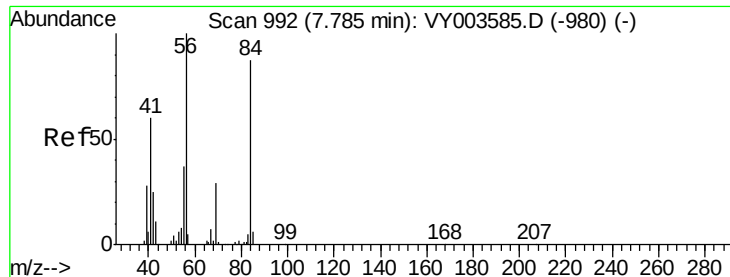
Tgt Ion: 83 Resp: 150610
Ion Ratio Lower Upper
83 100
85 67.6 47.4 88.0



#27
1,2-Dichloroethane
Concen: 26.491 ug/L
RT: 8.24 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 62 Resp: 100951
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

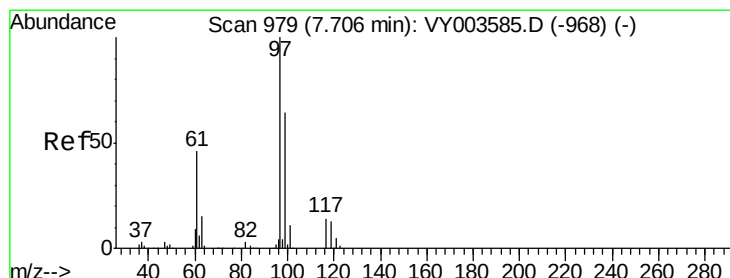
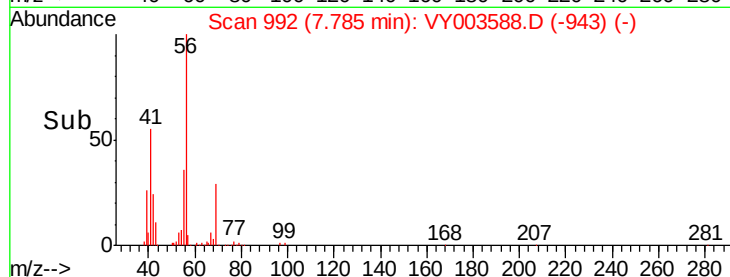
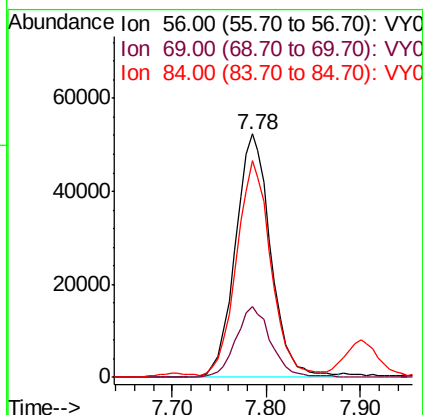
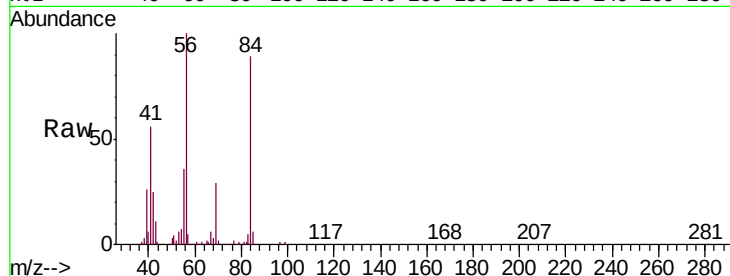




#29
Cyclohexane
Concen: 27.164 ug/L
RT: 7.78 min Scan# 992
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

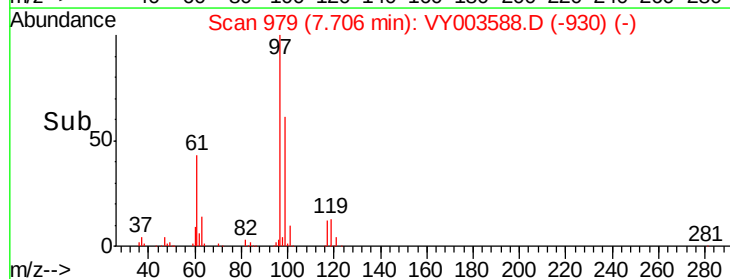
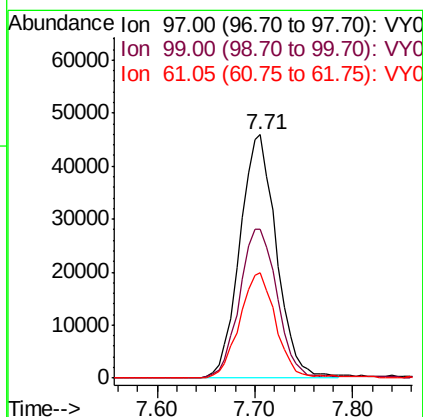
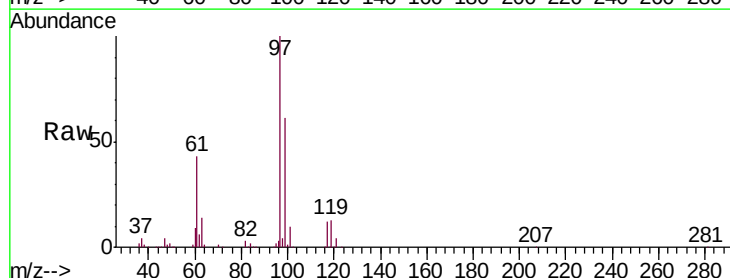
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

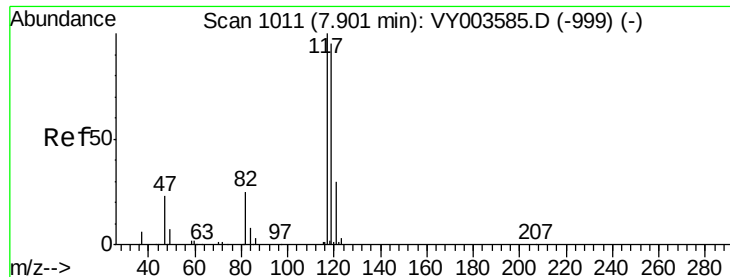
Tgt Ion: 56 Resp: 137350
Ion Ratio Lower Upper
56 100
69 28.5 23.3 34.9
84 86.4 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 26.814 ug/L
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 97 Resp: 119339
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 42.7 35.1 52.7





#31

Carbon tetrachloride

Concen: 26.490 ug/L

RT: 7.90 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

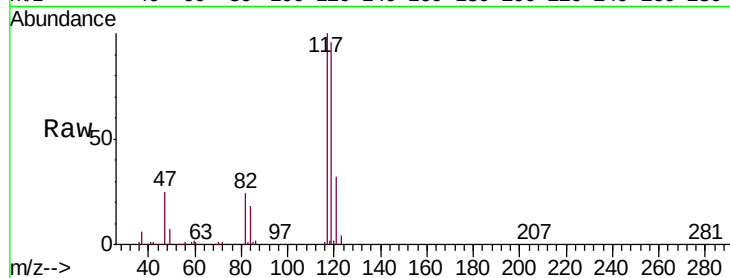
VICV401

Tgt Ion:117 Resp: 115296

Ion Ratio Lower Upper

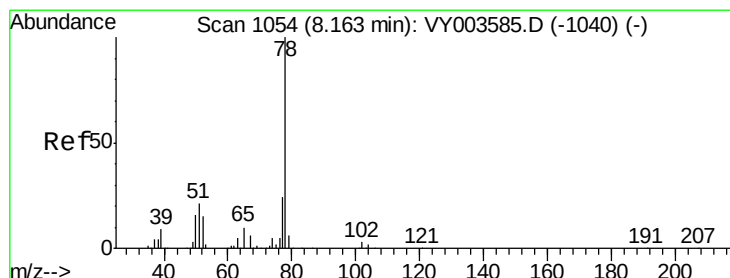
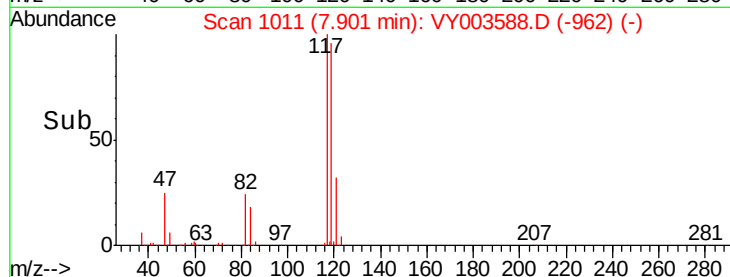
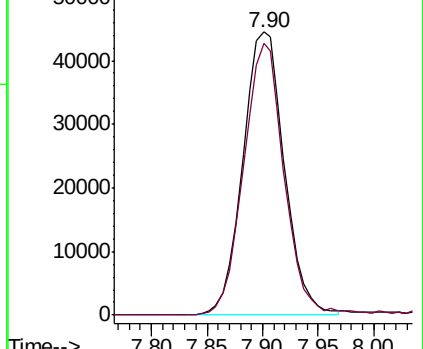
117 100

119 92.1 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 26.263 ug/L

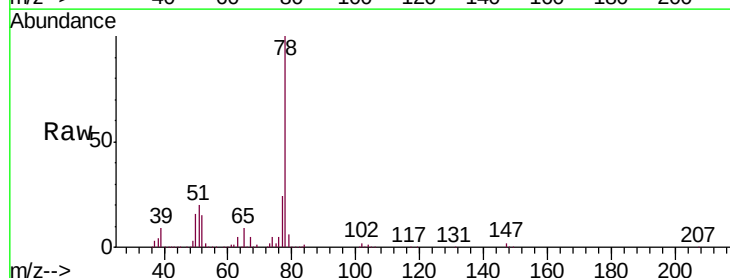
RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

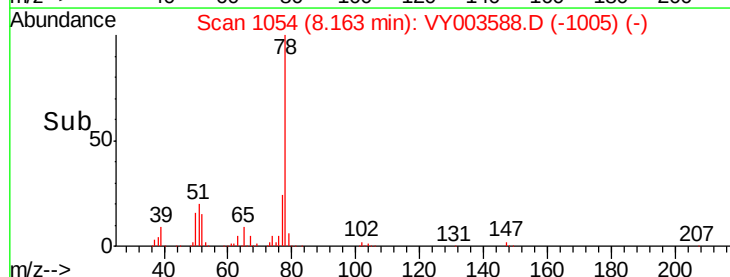
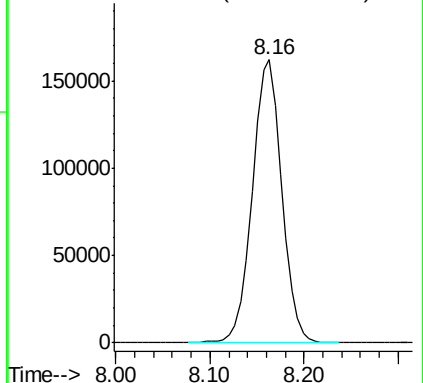
Lab File: VY003588.D

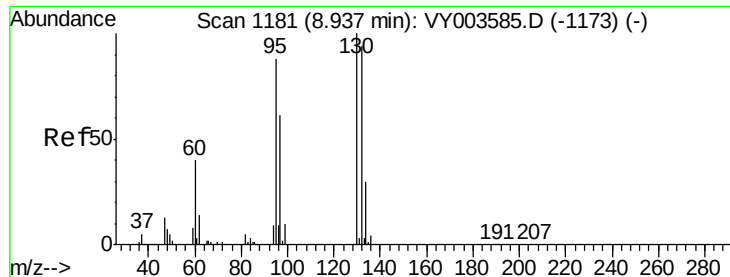
Acq: 23 Nov 2020 12:36

Tgt Ion: 78 Resp: 354843



Abundance Ion 78.00 (77.70 to 78.70): VY0

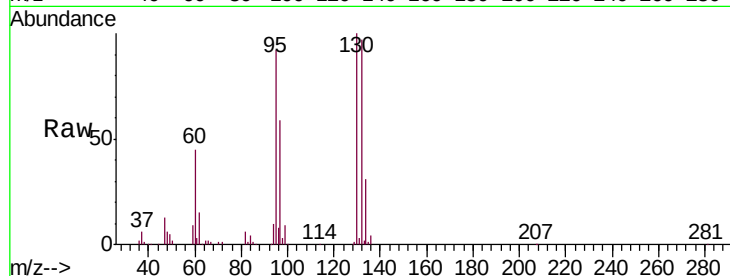




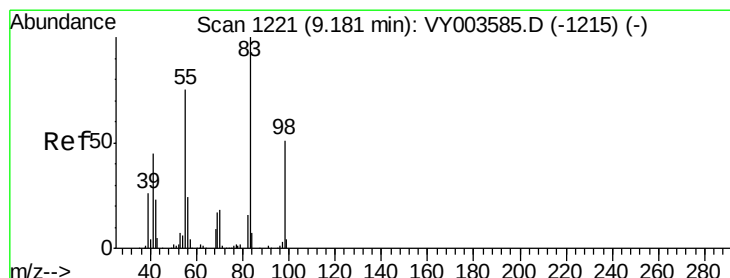
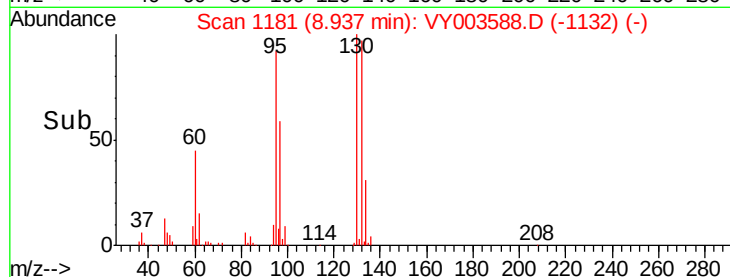
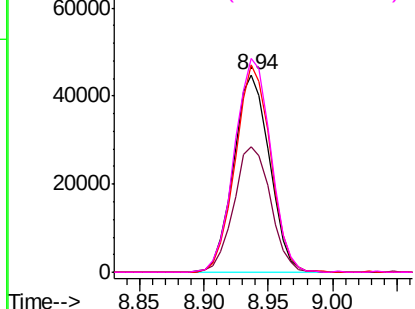
#34
 Trichloroethene
 Concen: 25.981 ug/L
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV401

Tgt Ion:	95	Resp:	87035
Ion	Ratio	Lower	Upper
95	100		
97	63.8	48.8	90.6
132	104.7	74.9	139.1
130	108.2	79.4	147.4

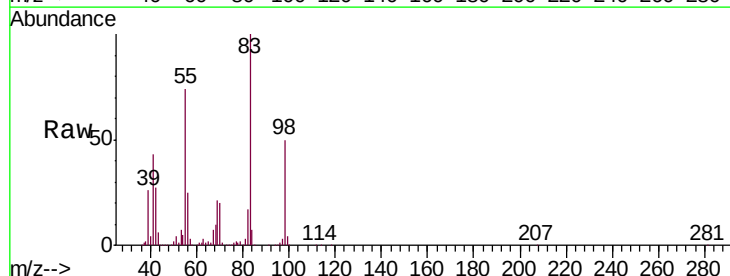


Abundance Ion 95.00 (94.70 to 95.70): VY0
 Ion 97.00 (96.70 to 97.70): VY0
 Ion 132.00 (131.70 to 132.70): VY0
 Ion 130.00 (129.70 to 130.70): VY0

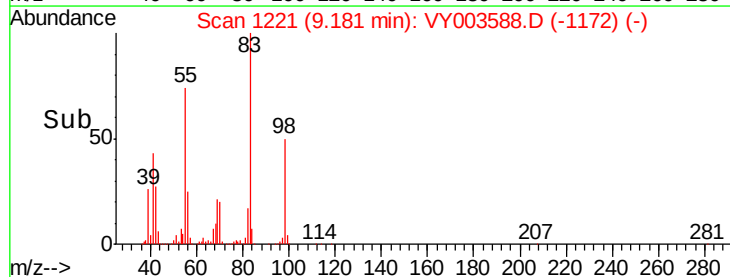
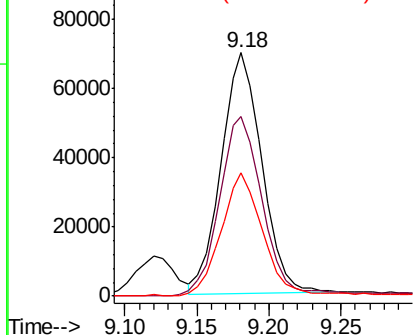


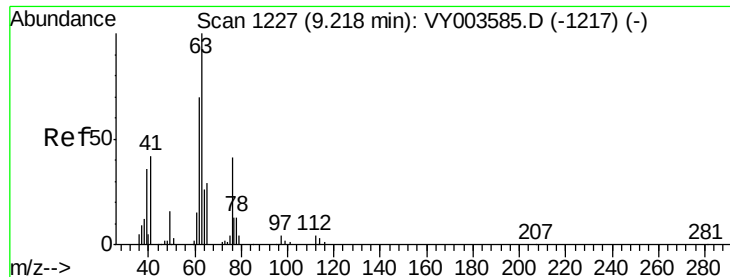
#35
 Methylcyclohexane
 Concen: 26.095 ug/L
 RT: 9.18 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Tgt Ion:	83	Resp:	137254
Ion	Ratio	Lower	Upper
83	100		
55	76.8	59.0	88.6
98	50.9	40.2	60.4



Abundance Ion 83.00 (82.70 to 83.70): VY0
 Ion 55.00 (54.70 to 55.70): VY0
 Ion 98.00 (97.70 to 98.70): VY0

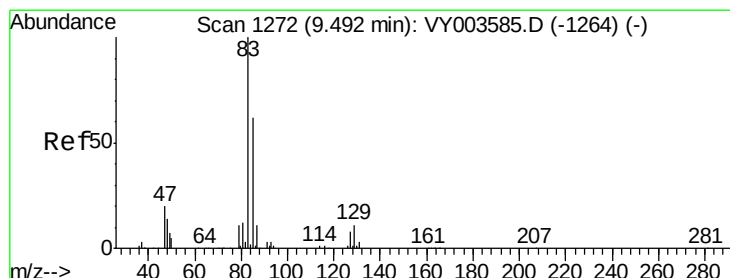
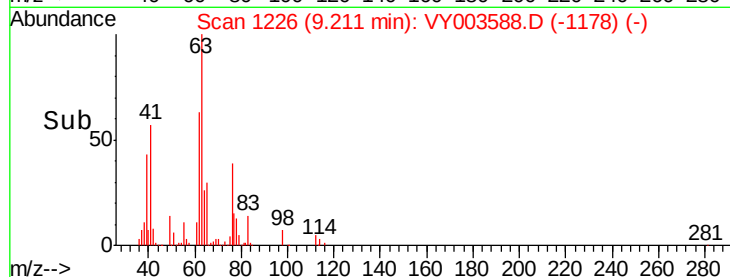
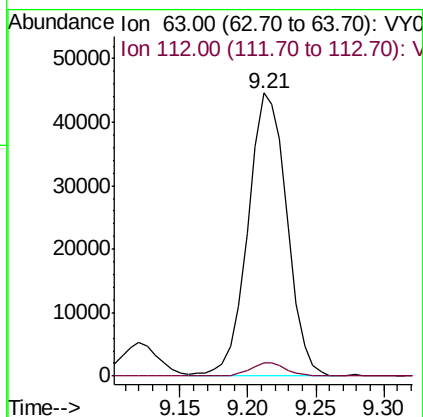
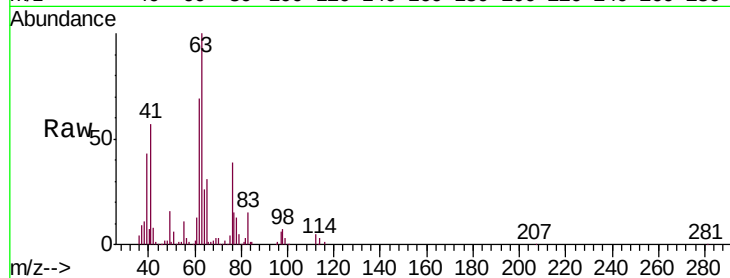




#37
 1,2-Dichloropropane
 Concen: 26.189 ug/L
 RT: 9.21 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

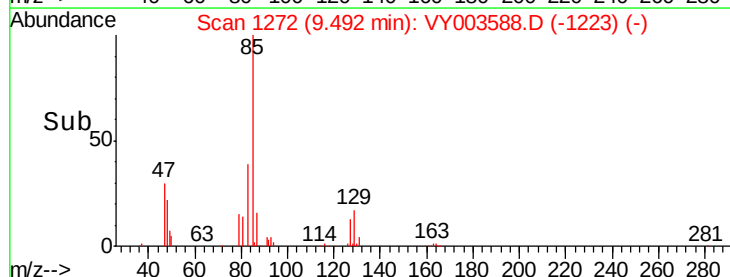
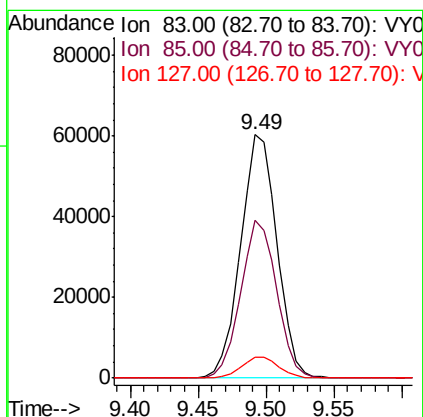
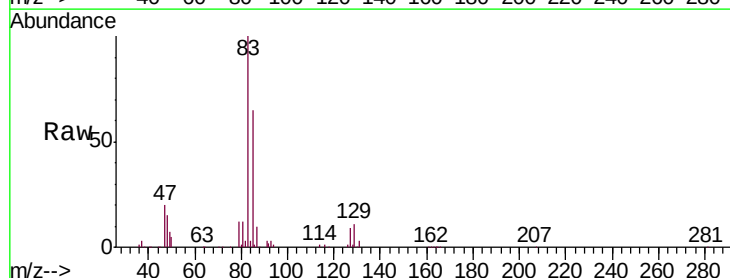
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV401

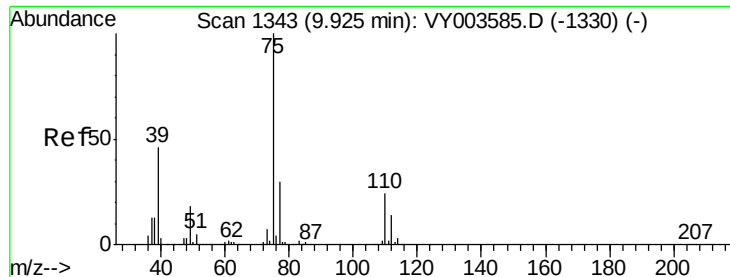
Tgt Ion: 63 Resp: 89608
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.4 5.2



#38
 Bromodichloromethane
 Concen: 25.976 ug/L
 RT: 9.49 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Tgt Ion: 83 Resp: 112769
 Ion Ratio Lower Upper
 83 100
 85 64.9 43.5 80.9
 127 8.6 6.5 9.7



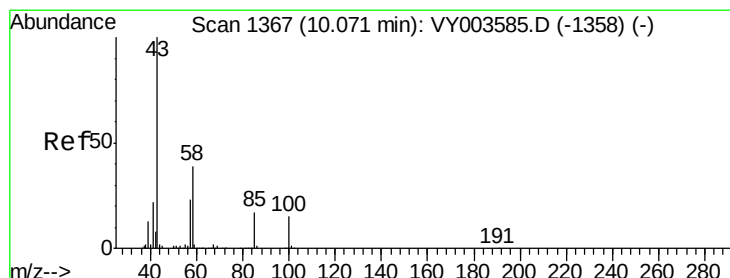
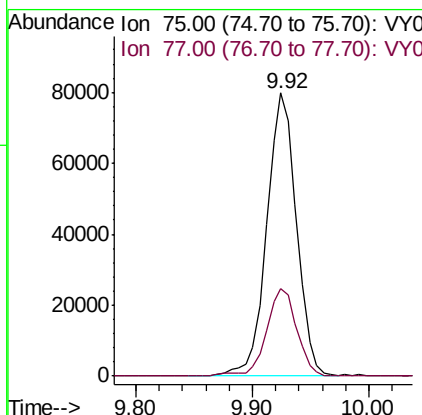
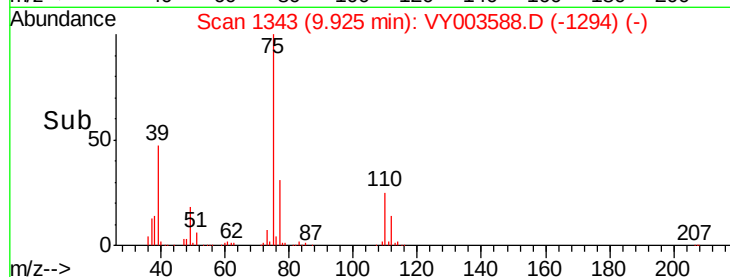
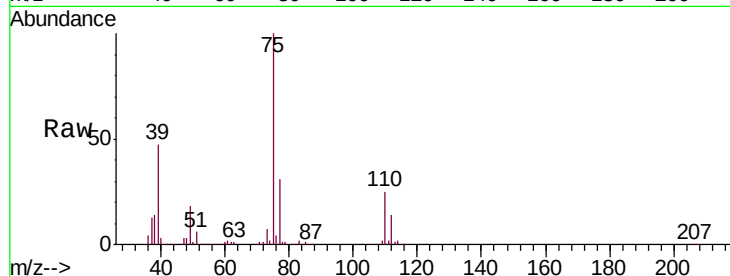


#39

cis-1,3-Dichloropropene
Concen: 26.790 ug/L
RT: 9.92 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VICV401

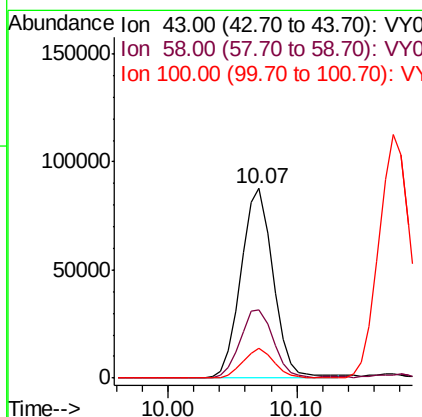
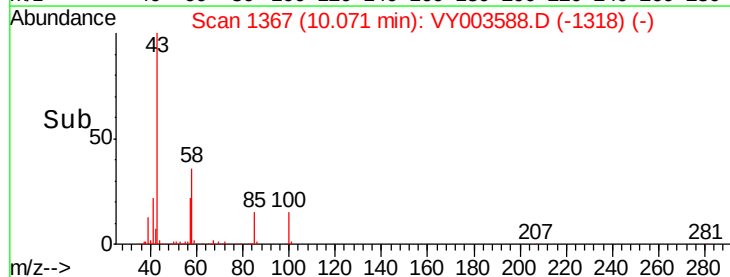
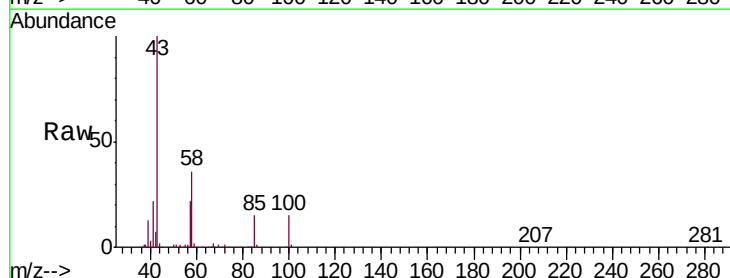
Tgt Ion: 75 Resp: 141658
Ion Ratio Lower Upper
75 100
77 31.0 20.9 38.9

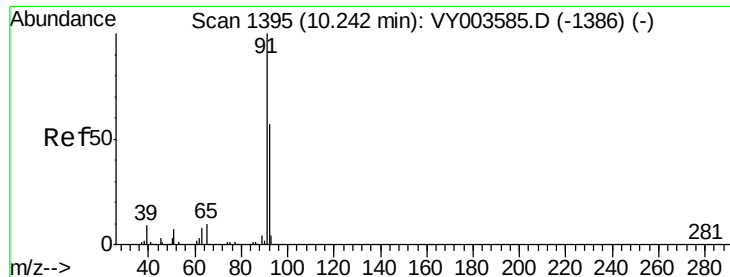


#40

4-Methyl-2-pentanone
Concen: 53.006 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 43 Resp: 152395
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6
100 15.0 12.0 18.0





#42

Toluene

Concen: 26.840 ug/L

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

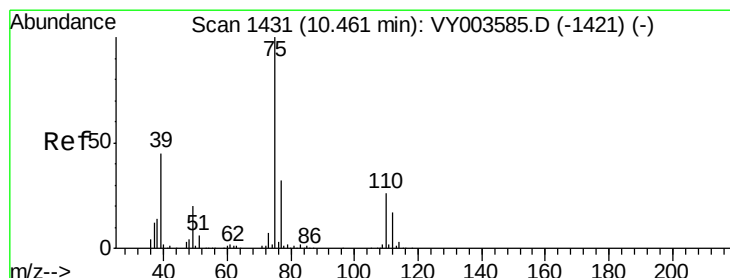
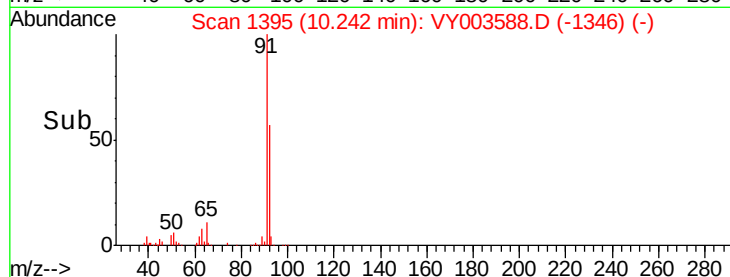
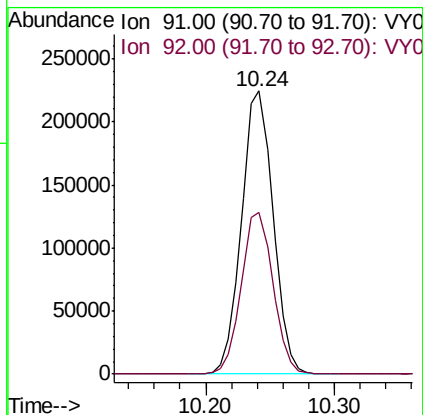
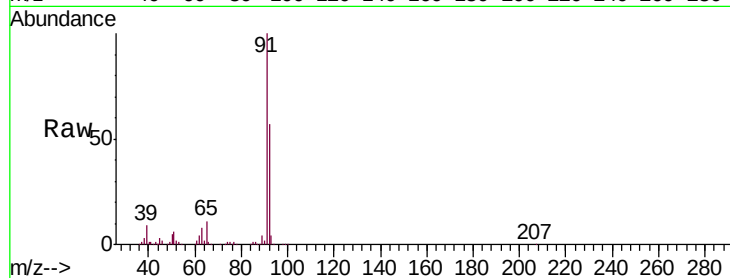
VICV401

Tgt Ion: 91 Resp: 381019

Ion Ratio Lower Upper

91 100

92 57.1 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 26.621 ug/L

RT: 10.46 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VY003588.D

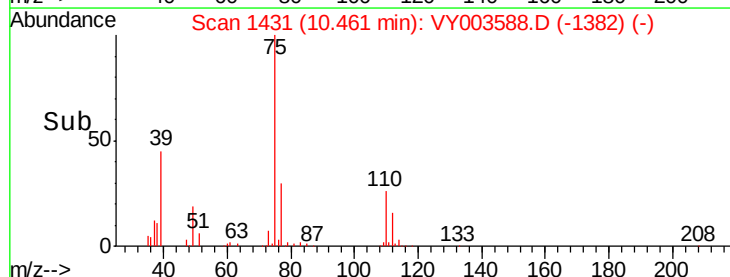
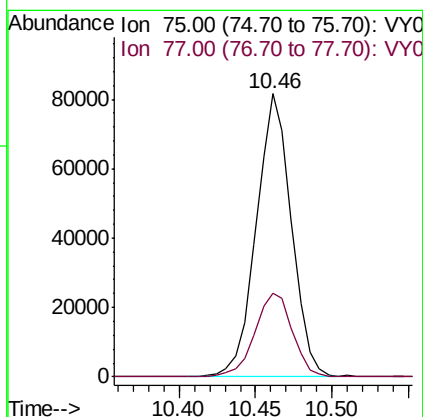
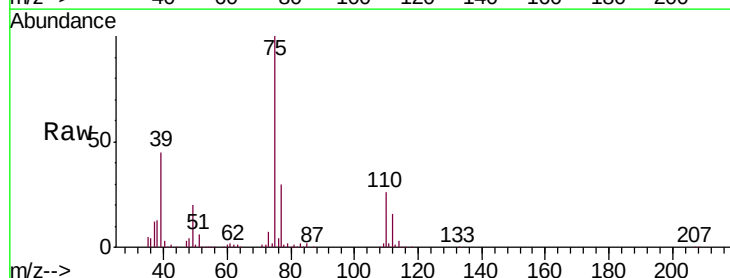
Acq: 23 Nov 2020 12:36

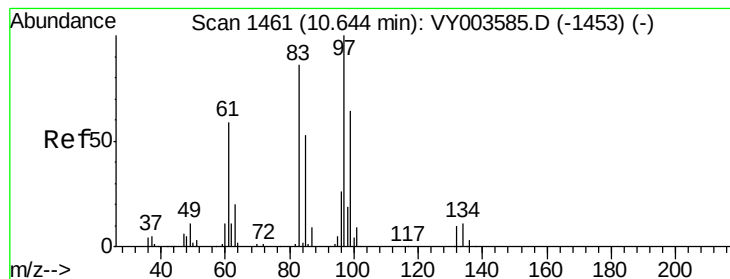
Tgt Ion: 75 Resp: 130522

Ion Ratio Lower Upper

75 100

77 29.7 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 26.186 ug/L

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VICV401

Tgt Ion: 97 Resp: 72499

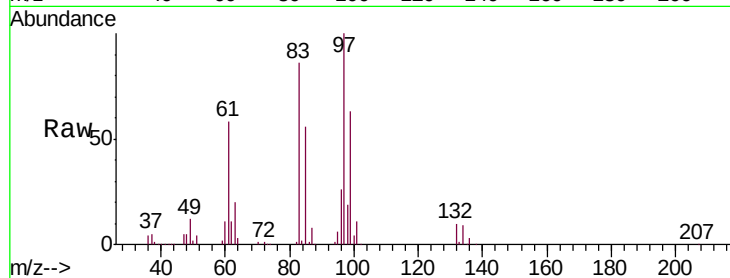
Ion Ratio Lower Upper

97 100

99 63.0 44.9 83.5

83 86.1 59.8 111.1

85 56.2 37.2 69.0

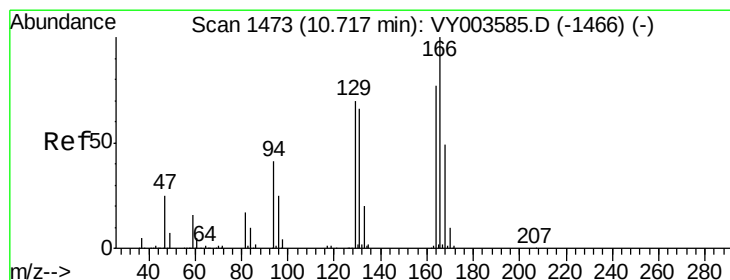
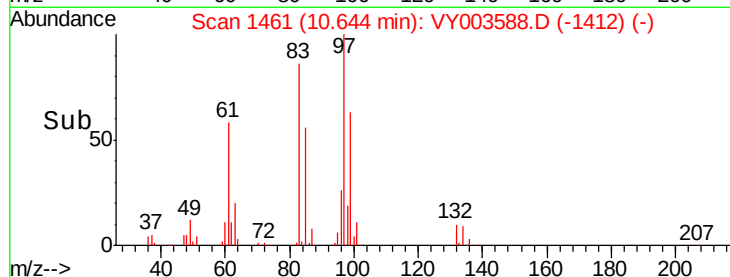
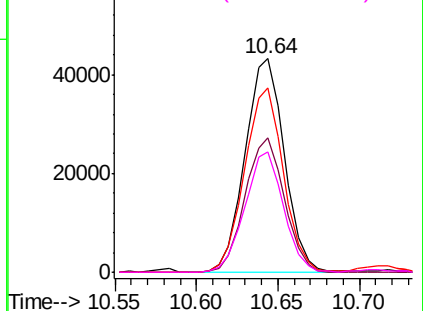


Abundance Ion 97.00 (96.70 to 97.70): VY0

Ion 99.00 (98.70 to 99.70): VY0

Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



#46

Tetrachloroethene

Concen: 26.069 ug/L

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Tgt Ion:164 Resp: 76530

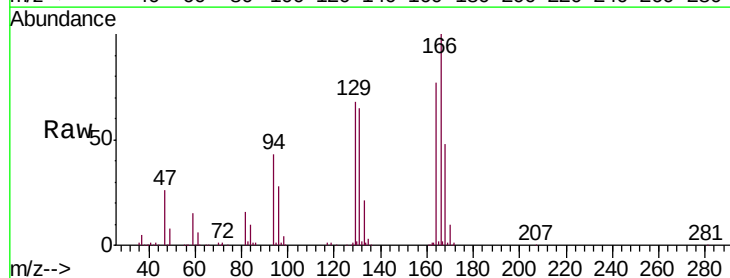
Ion Ratio Lower Upper

164 100

129 87.6 63.5 117.9

131 83.7 59.6 110.6

166 129.5 90.6 168.2

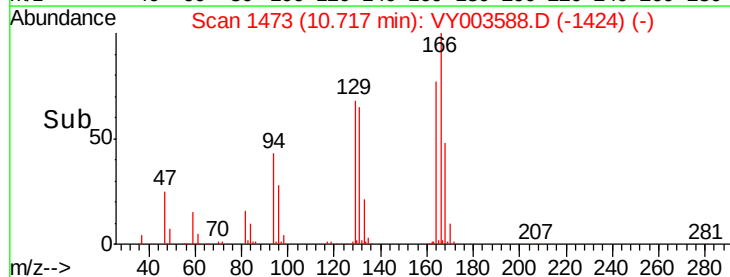
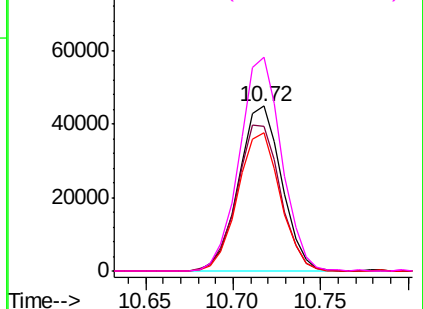


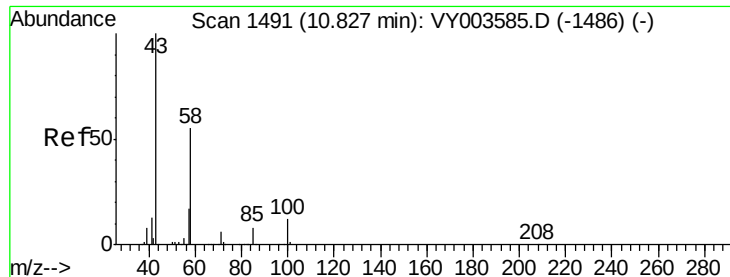
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

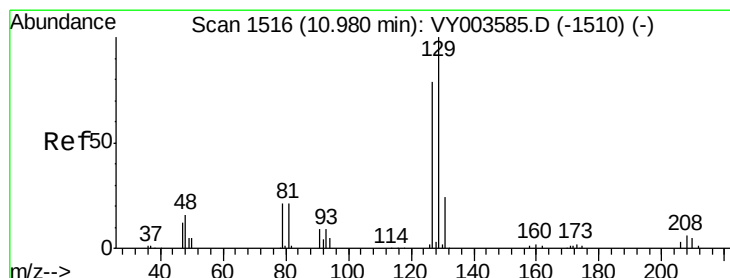
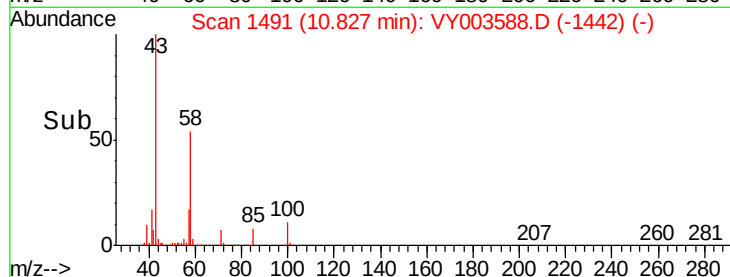
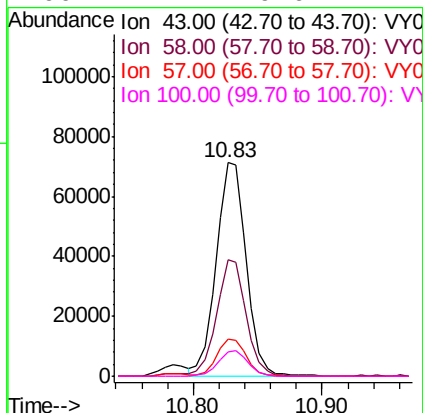
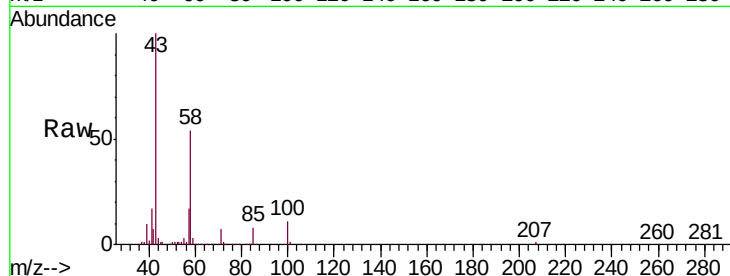




#48
2-Hexanone
Concen: 52.433 ug/L
RT: 10.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

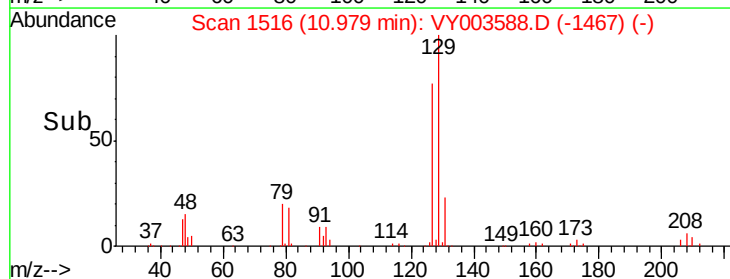
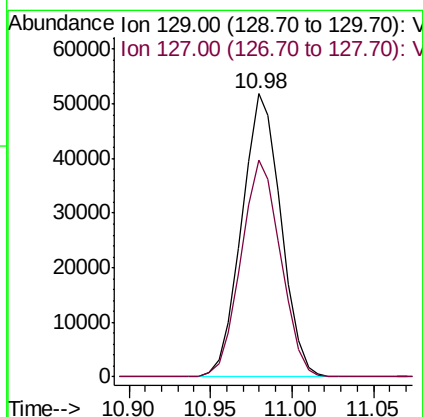
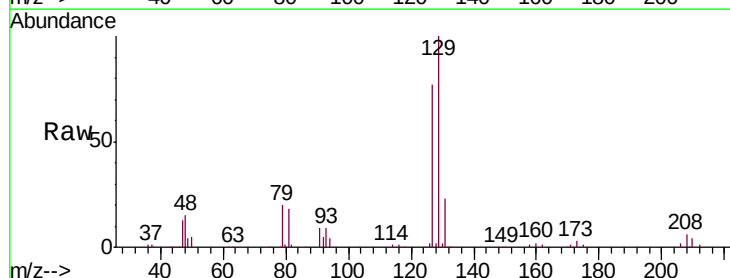
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

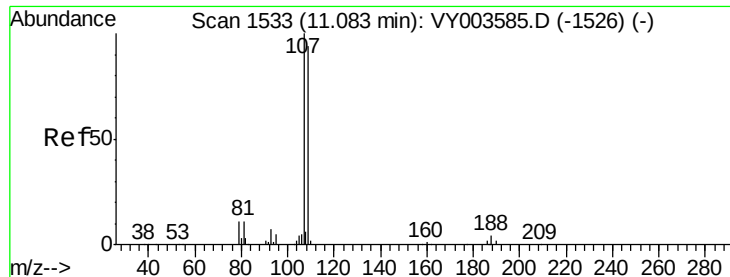
Tgt Ion: 43 Resp: 116712
Ion Ratio Lower Upper
43 100
58 53.3 43.9 65.9
57 17.1 14.1 21.1
100 11.7 9.6 14.4



#49
Dibromochloromethane
Concen: 26.746 ug/L
RT: 10.98 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 129 Resp: 86810
Ion Ratio Lower Upper
129 100
127 76.5 55.7 103.5

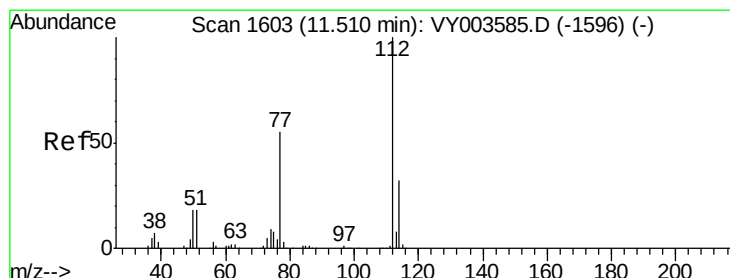
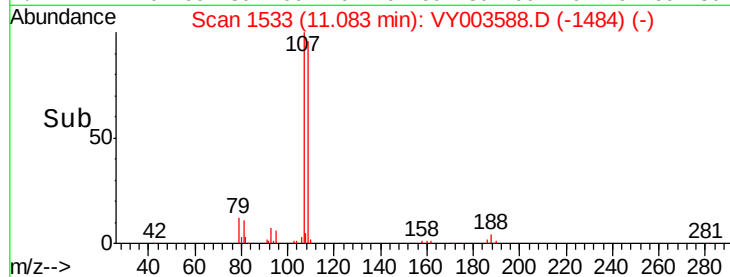
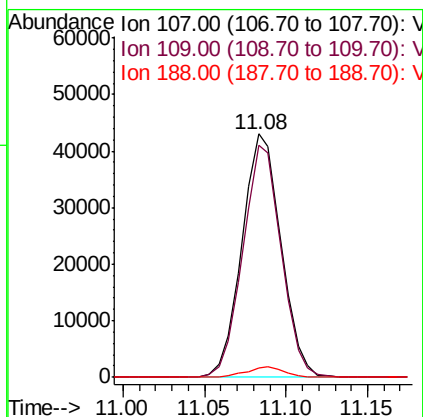
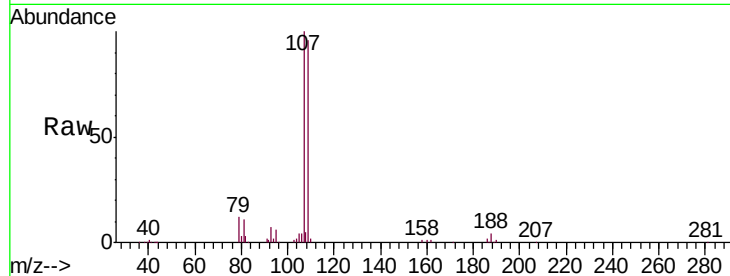




#50
1,2-Dibromoethane
Concen: 26.555 ug/L
RT: 11.08 min Scan# 1533
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

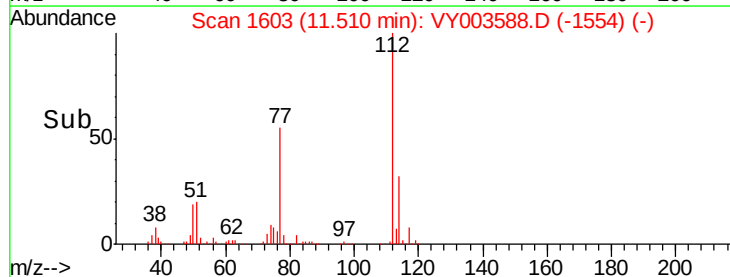
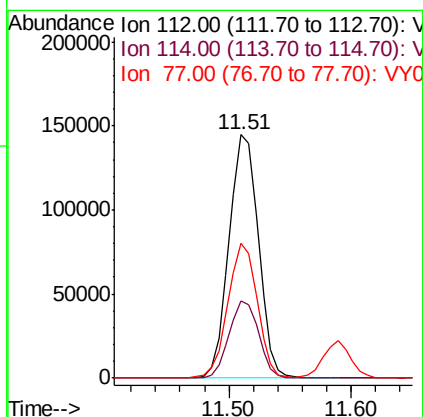
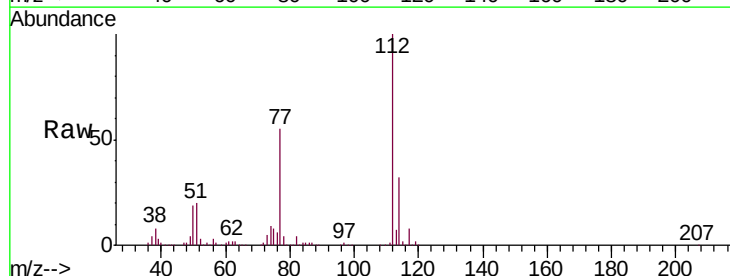
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

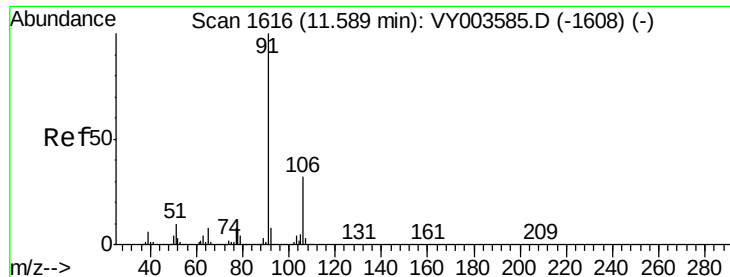
Tgt Ion:107 Resp: 71964
Ion Ratio Lower Upper
107 100
109 95.5 65.8 122.2
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 26.640 ug/L
RT: 11.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion:112 Resp: 240624
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 55.4 44.2 66.2





#52

Ethylbenzene

Concen: 27.521 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampled :

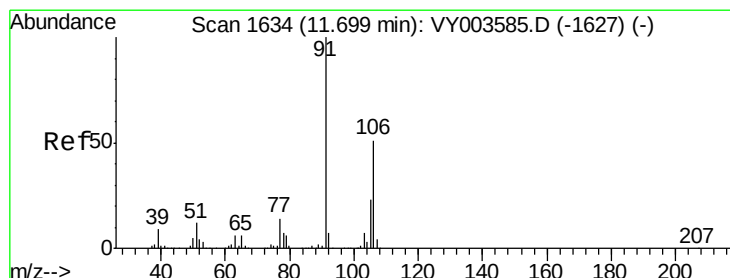
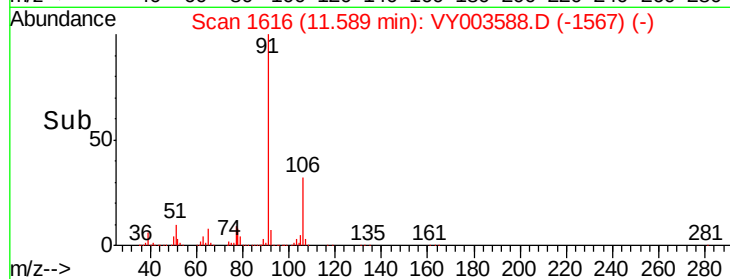
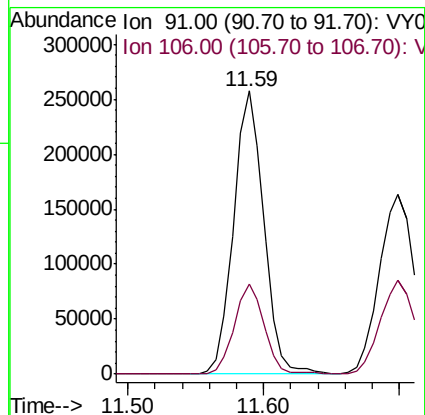
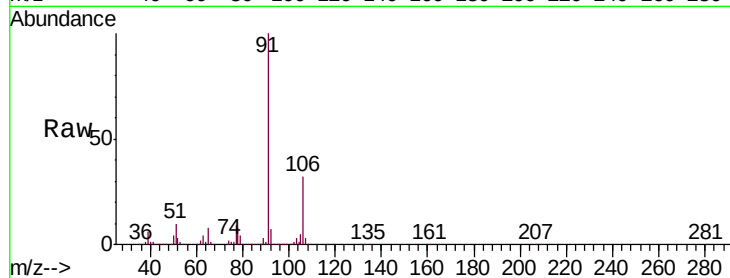
VICV401

Tgt Ion: 91 Resp: 398637

Ion Ratio Lower Upper

91 100

106 31.9 22.7 42.1



#53

m,p-Xylene

Concen: 27.208 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003588.D

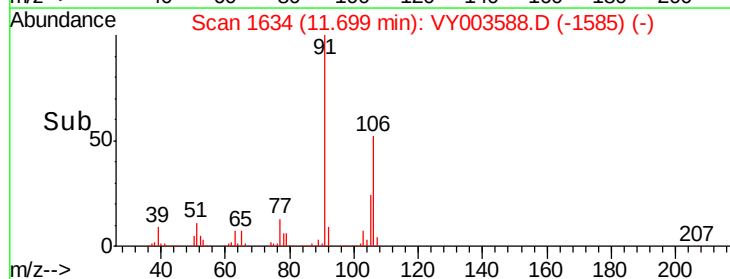
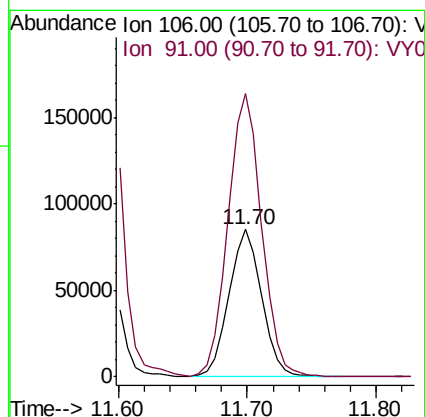
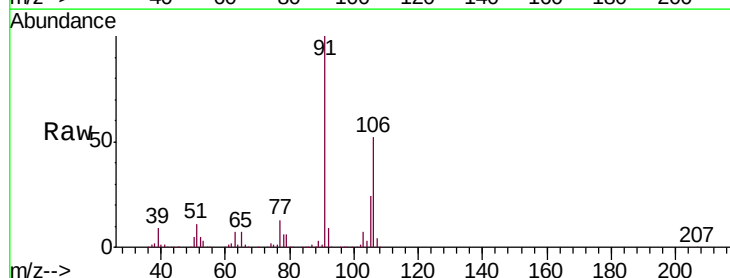
Acq: 23 Nov 2020 12:36

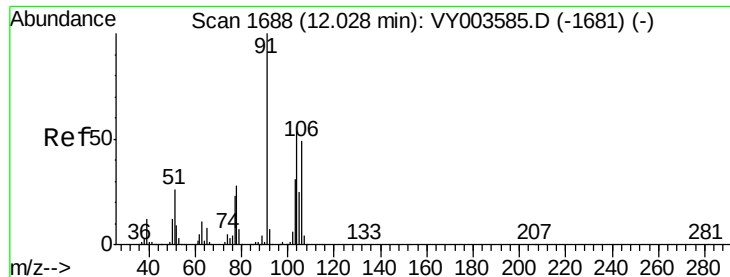
Tgt Ion: 106 Resp: 152095

Ion Ratio Lower Upper

106 100

91 191.9 138.2 256.6

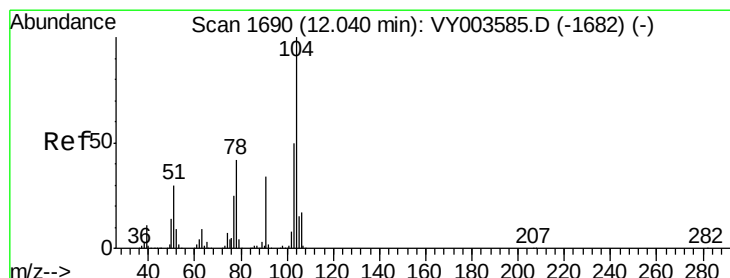
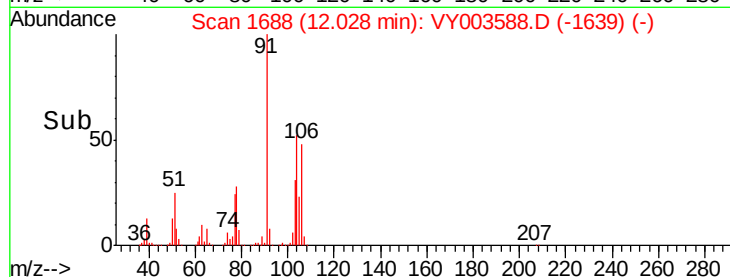
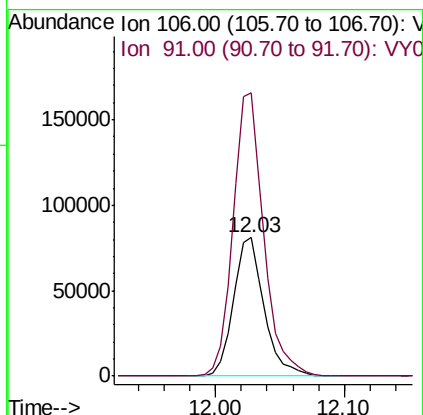
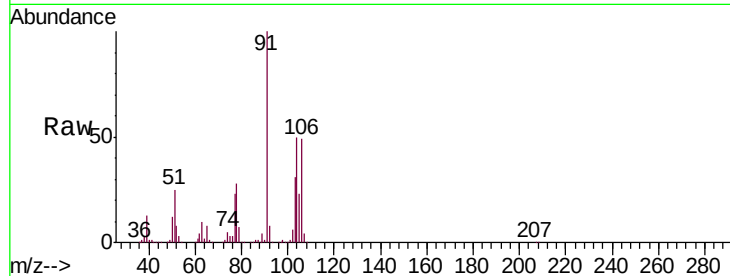




#54
o-Xylene
Concen: 28.227 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

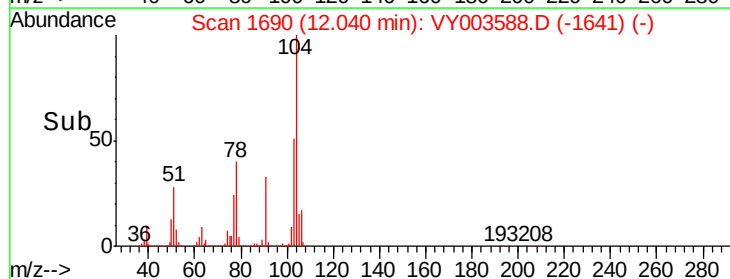
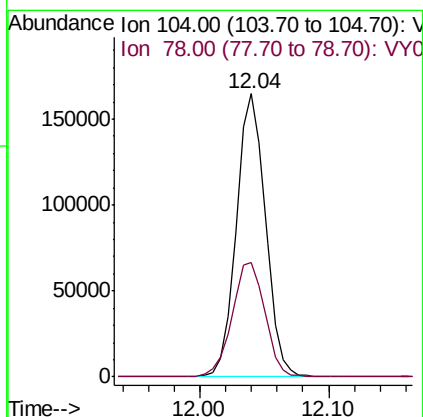
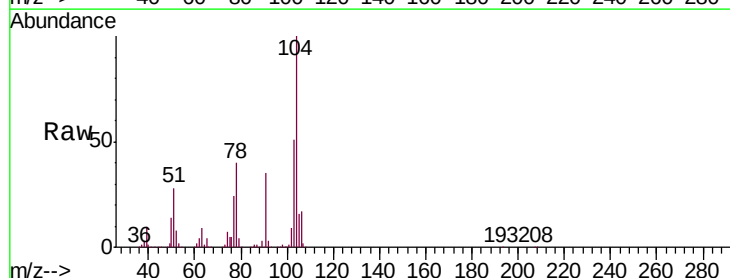
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

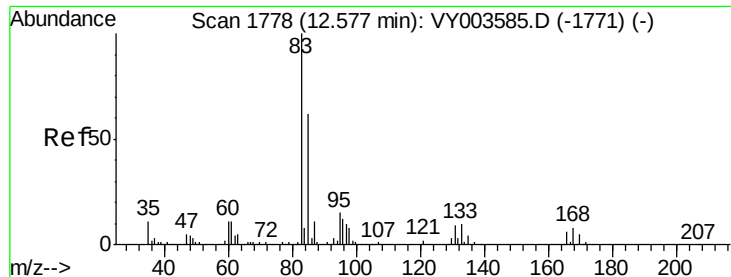
Tgt Ion:106 Resp: 133359
Ion Ratio Lower Upper
106 100
91 204.9 143.2 266.0



#55
Styrene
Concen: 27.912 ug/L
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion:104 Resp: 257901
Ion Ratio Lower Upper
104 100
78 40.4 29.5 54.7

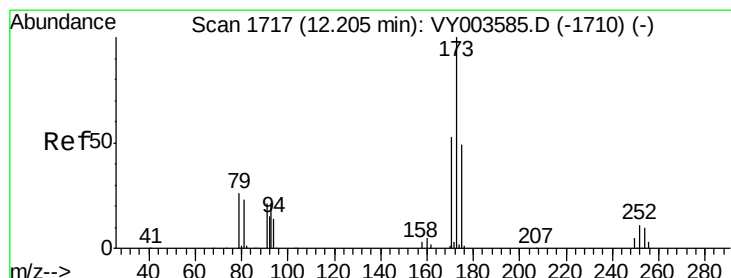
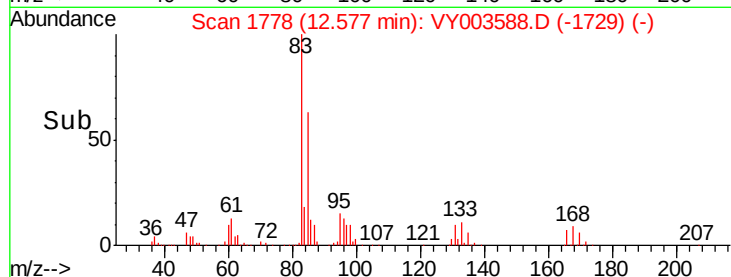
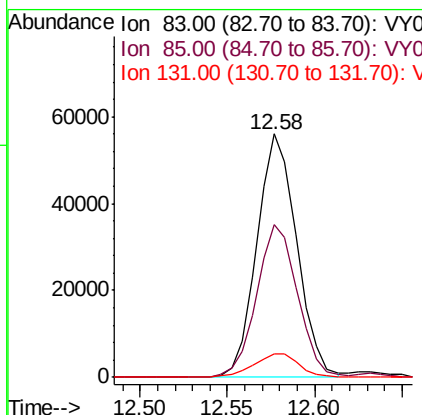
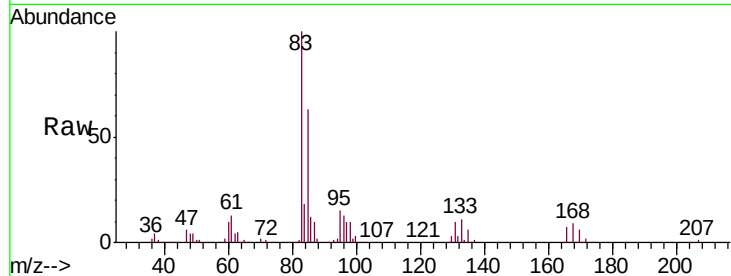




#57
1,1,2,2-Tetrachloroethane
Concen: 26.611 ug/L
RT: 12.58 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

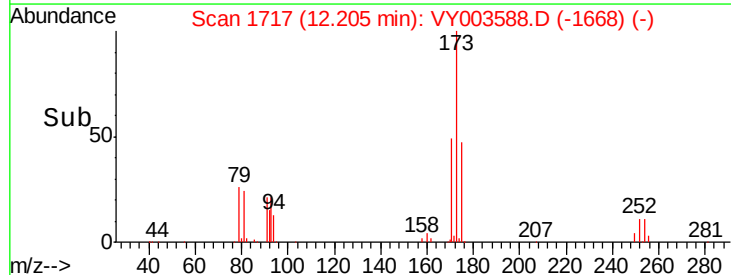
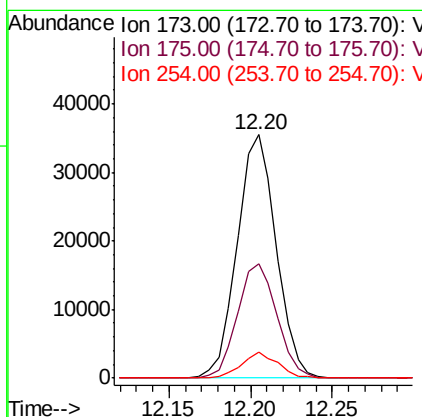
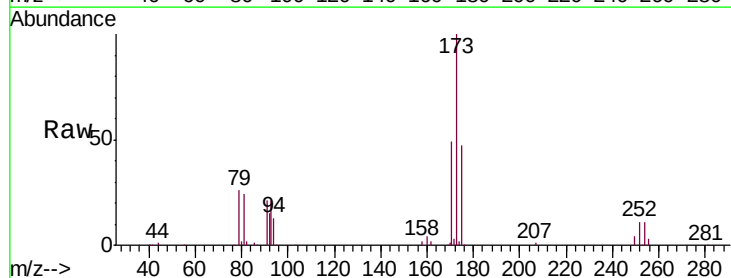
Instrument :
MSVOA_Y
ClientSampleId :
VICV401

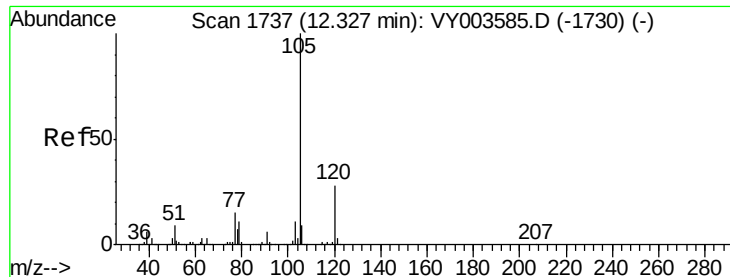
Tgt Ion: 83 Resp: 88698
Ion Ratio Lower Upper
83 100
85 62.5 43.5 80.9
131 9.9 7.3 10.9



#59
Bromoform
Concen: 26.241 ug/L
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion: 173 Resp: 59093
Ion Ratio Lower Upper
173 100
175 47.4 38.9 58.3
254 9.9 8.5 12.7





#60

Isopropylbenzene

Concen: 27.728 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VICV401

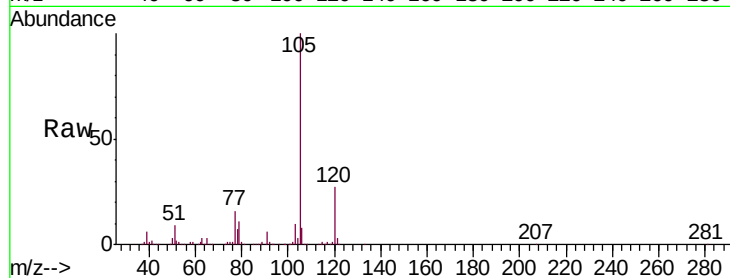
Tgt Ion: 105 Resp: 296248

Ion Ratio Lower Upper

105 100

120 27.5 21.8 32.6

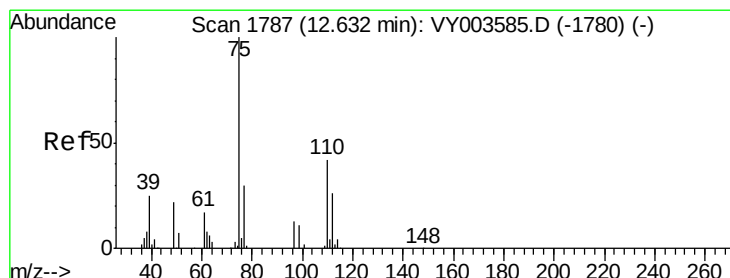
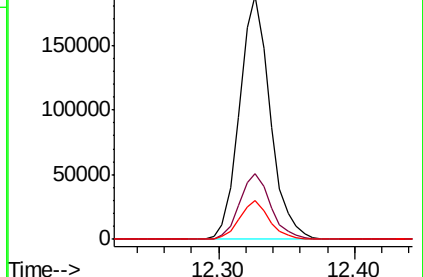
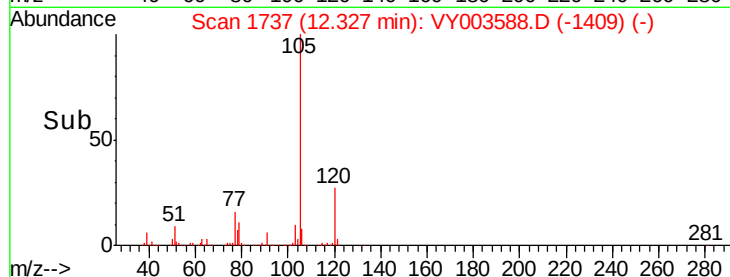
77 15.5 12.0 18.0



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: 25.850 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

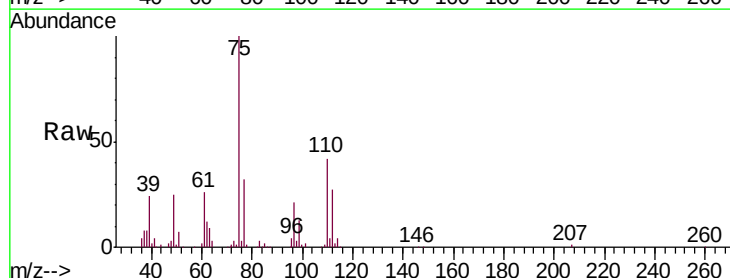
Tgt Ion: 75 Resp: 66509

Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

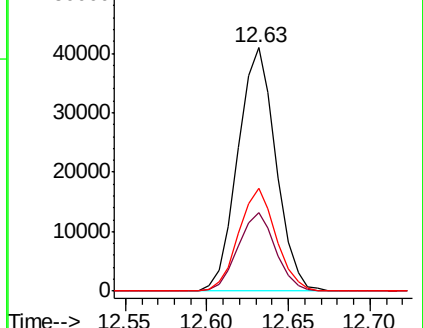
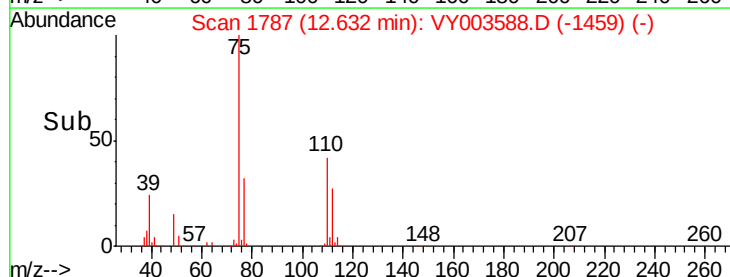
110 41.3 33.4 50.0

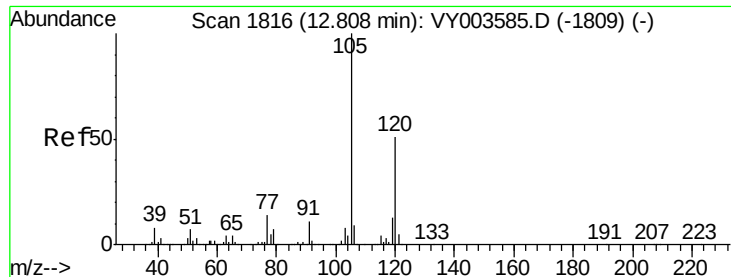


Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 28.719 ug/L

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

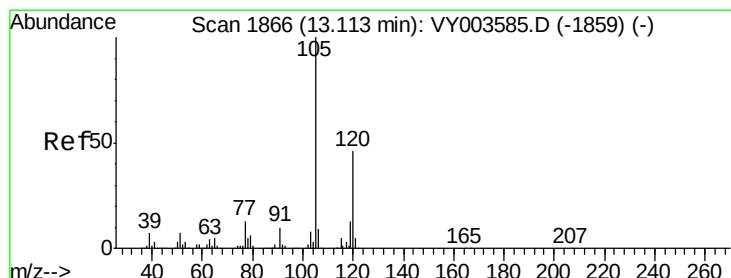
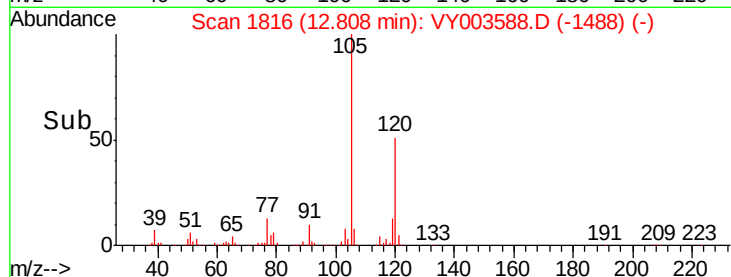
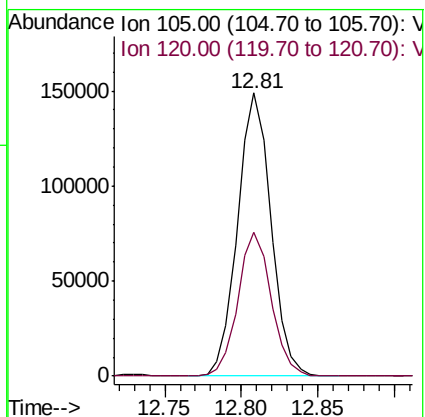
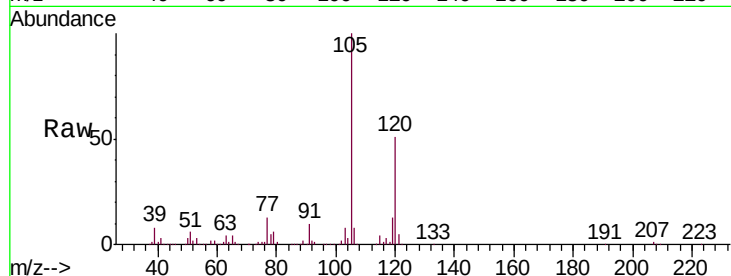
VICV401

Tgt Ion:105 Resp: 225640

Ion Ratio Lower Upper

105 100

120 50.5 41.8 62.6



#63

1,2,4-Trimethylbenzene

Concen: 28.649 ug/L

RT: 13.11 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VY003588.D

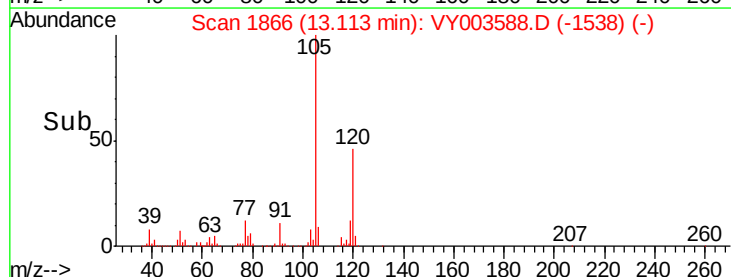
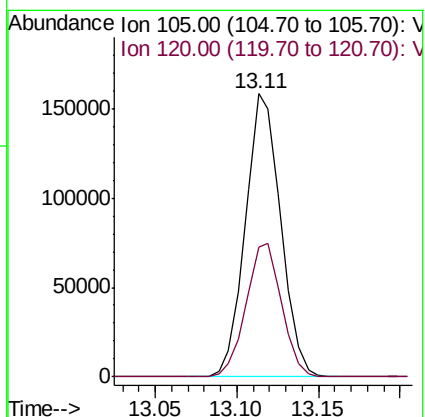
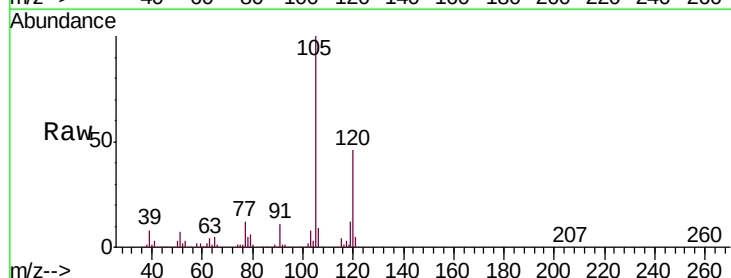
Acq: 23 Nov 2020 12:36

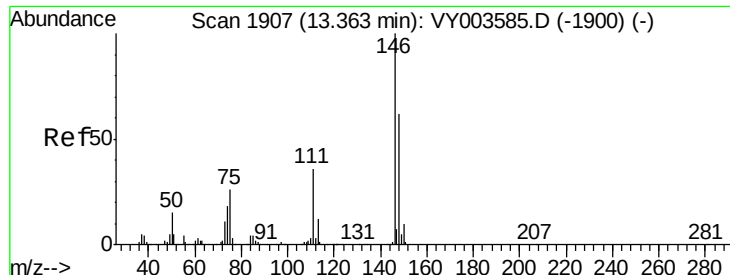
Tgt Ion:105 Resp: 238633

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.4

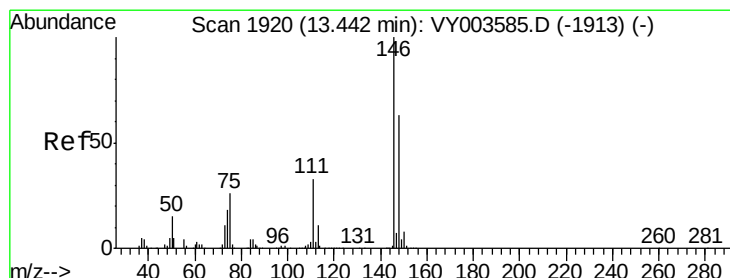
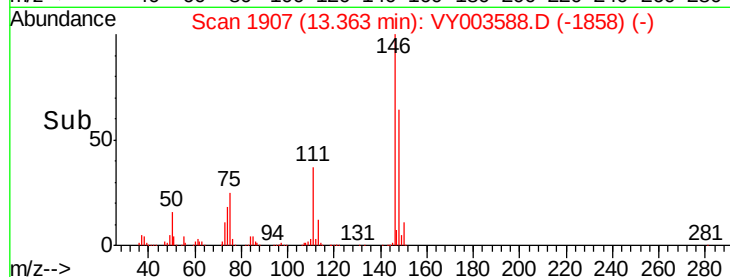
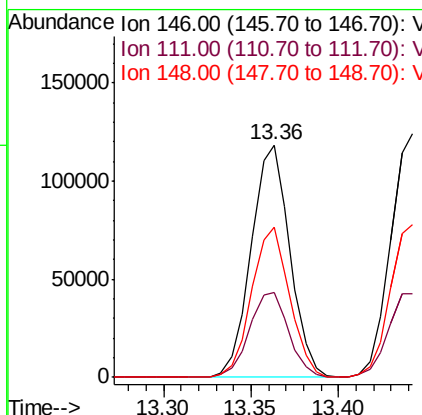
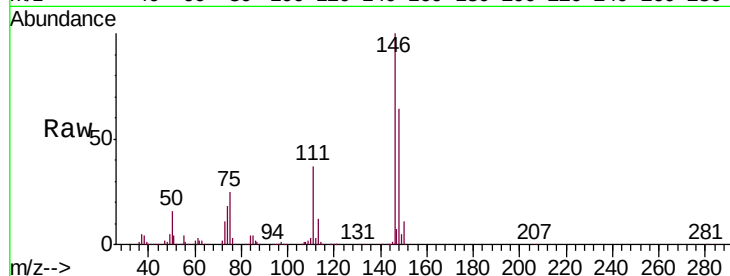




#64
 1,3-Dichlorobenzene
 Concen: 27.012 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

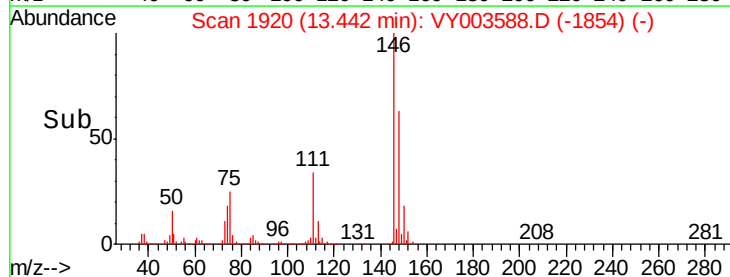
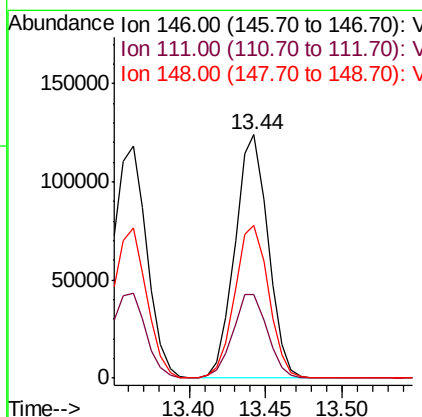
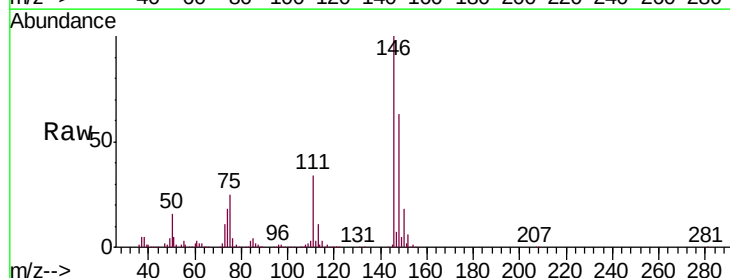
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV401

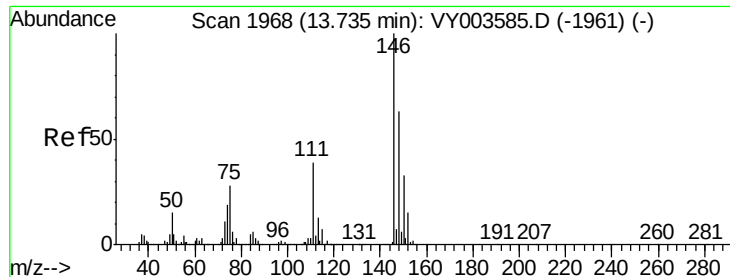
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.5	47.3
148	64.4	43.3	80.5



#65
 1,4-Dichlorobenzene
 Concen: 26.436 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.2	23.4	43.6
148	63.0	44.2	82.2

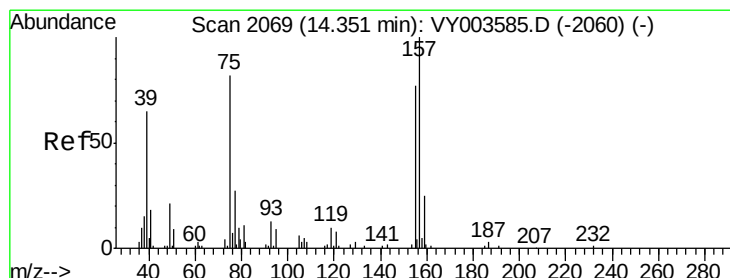
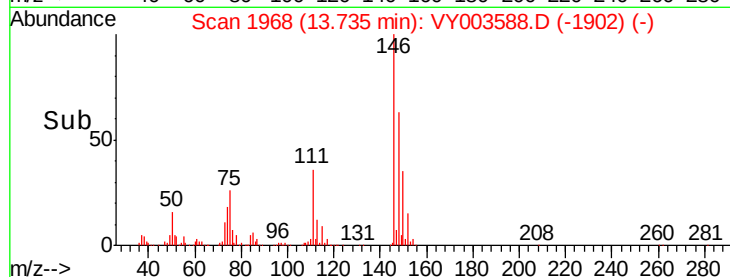
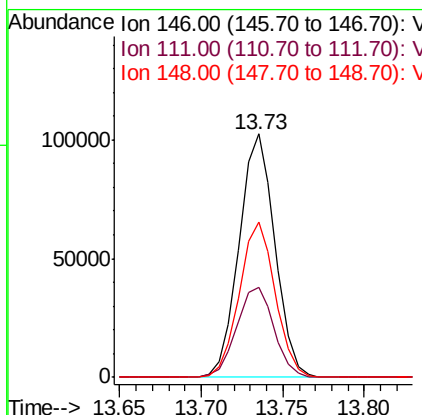
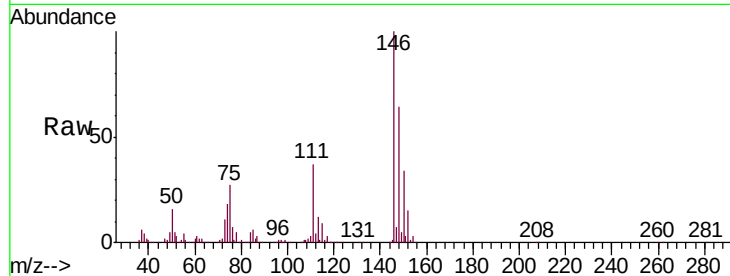




#67
 1,2-Dichlorobenzene
 Concen: 27.257 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

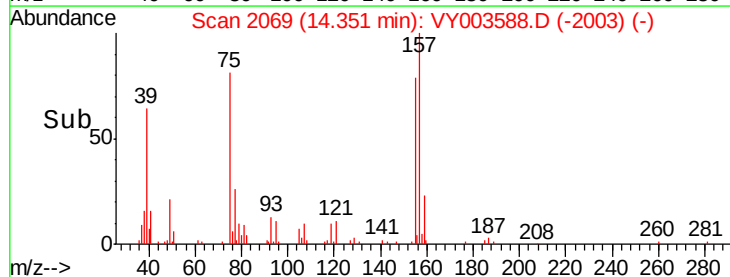
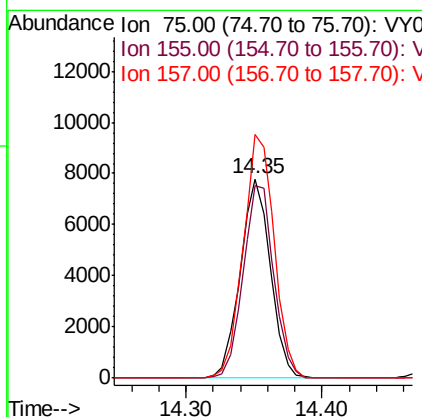
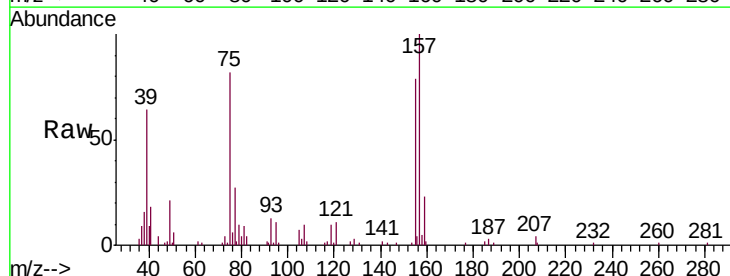
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV401

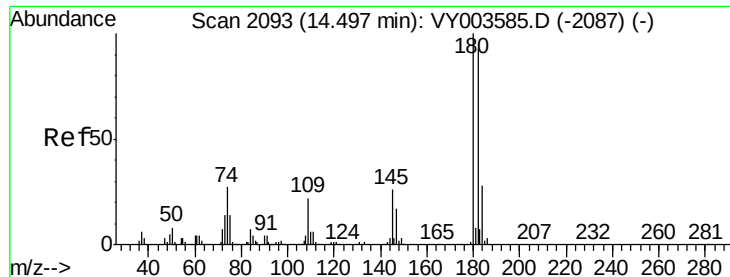
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	31.4	47.2
148	63.6	50.2	75.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.024 ug/L
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VY003588.D
 Acq: 23 Nov 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	74.5	111.7
157	122.4	97.0	145.6





#69

1,3,5-Trichlorobenzene

Concen: 27.839 ug/L

RT: 14.50 min Scan# 2093

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VICV401

Tgt Ion:180 Resp: 101915

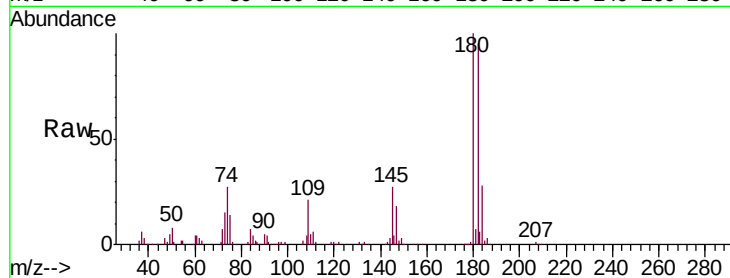
Ion Ratio Lower Upper

180 100

182 94.7 76.6 115.0

184 29.6 23.5 35.3

145 27.3 21.5 32.3

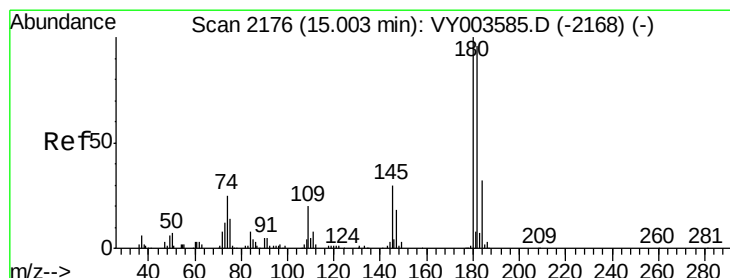
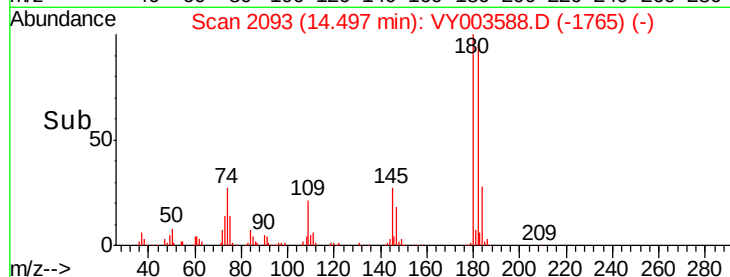
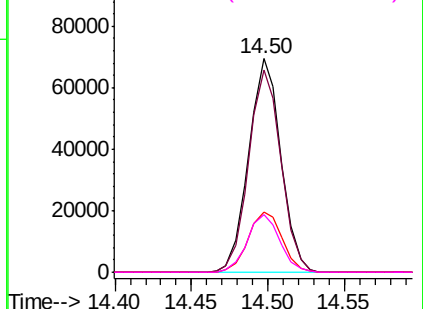


Abundance Ion 180.00 (179.70 to 180.70): V

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: 27.901 ug/L

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY003588.D

Acq: 23 Nov 2020 12:36

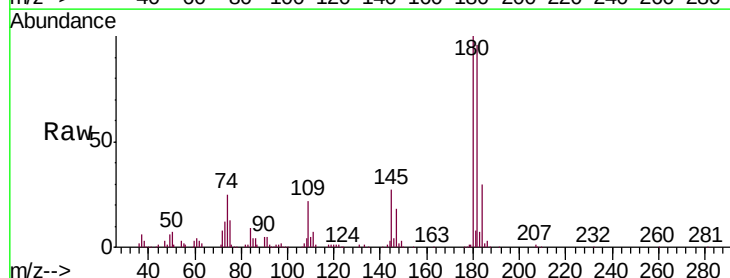
Tgt Ion:180 Resp: 88362

Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

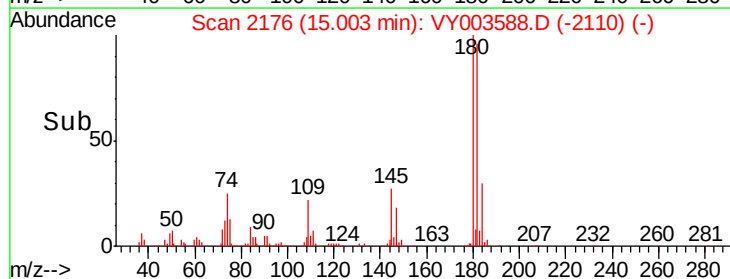
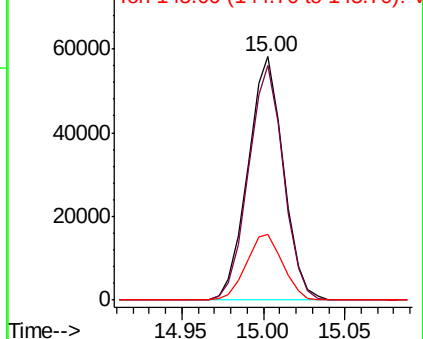
145 27.6 22.5 33.7

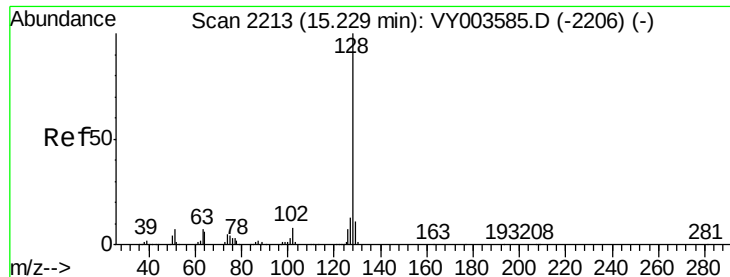


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

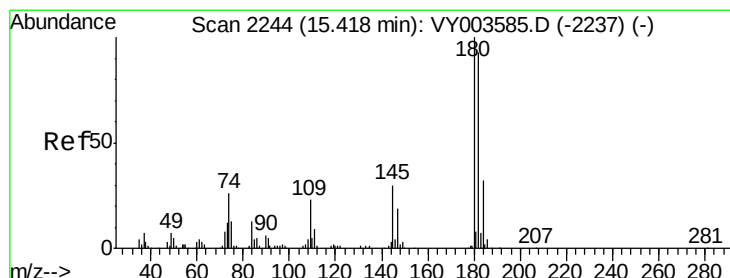
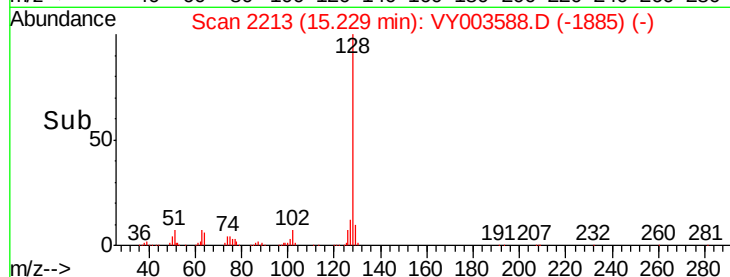
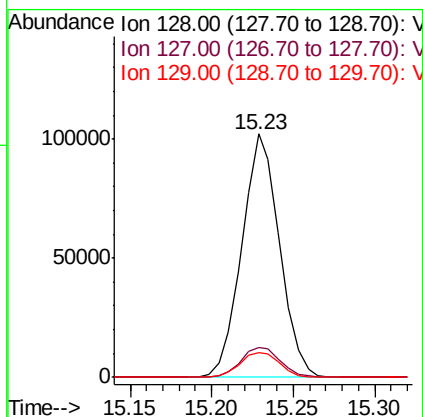
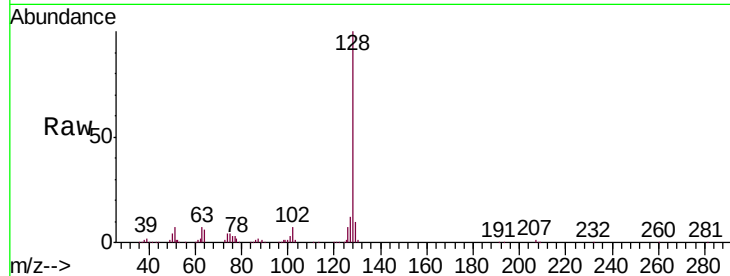




#71
Naphthalene
Concen: 28.628 ug/L
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Instrument :
MSVOA_Y
ClientSampled :
VICV401

Tgt Ion:128 Resp: 163774
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 28.214 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003588.D
Acq: 23 Nov 2020 12:36

Tgt Ion:180 Resp: 67529
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.4
145 30.6 23.6 35.4

