

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003435.D
 Acq On : 04 Sep 2020 16:27
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 05 00:44:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	616554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1039206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	924556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	433887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	652203	101.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.88%	
35) Dibromofluoromethane	7.72	113	619006	103.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.26%	
50) Toluene-d8	10.18	98	2472800	97.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.26%	
62) 4-Bromofluorobenzene	12.48	95	837081	97.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	422558	81.494	ug/l	98
3) Chloromethane	2.11	50	572006	76.906	ug/l	100
4) Vinyl Chloride	2.25	62	554665	89.691	ug/l	99
5) Bromomethane	2.64	94	369536	77.370	ug/l	97
6) Chloroethane	2.79	64	293148	98.470	ug/l	97
7) Trichlorofluoromethane	3.13	101	958783	99.153	ug/l	99
8) Diethyl Ether	3.53	74	398181	99.770	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.90	101	611121	97.338	ug/l	95
10) Methyl Iodide	4.09	142	586926	143.248	ug/l	97
11) Tert butyl alcohol	4.97	59	373852	346.767	ug/l	100
12) 1,1-Dichloroethene	3.87	96	623418	97.139	ug/l	88
13) Acrolein	3.73	56	244730	462.447	ug/l	97
14) Allyl chloride	4.48	41	1171893	105.165	ug/l #	94
15) Acrylonitrile	5.17	53	1106285	524.398	ug/l	98
16) Acetone	3.96	43	907741	491.016	ug/l	92
17) Carbon Disulfide	4.19	76	1997190	96.833	ug/l	99
18) Methyl Acetate	4.48	43	497341	102.243	ug/l	90
19) Methyl tert-butyl Ether	5.22	73	1814881	104.709	ug/l	97
20) Methylene Chloride	4.72	84	732543	73.146	ug/l #	84
21) trans-1,2-Dichloroethene	5.22	96	711243	97.038	ug/l	90
22) Diisopropyl ether	6.13	45	2338768	102.078	ug/l	96
23) Vinyl Acetate	6.07	43	8028321	539.308	ug/l	95
24) 1,1-Dichloroethane	6.02	63	1250424	100.362	ug/l	99
25) 2-Butanone	6.99	43	1463010	493.786	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1000803	92.966	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	794728	97.128	ug/l	100
28) Bromochloromethane	7.34	49	595194	95.147	ug/l	99
29) Tetrahydrofuran	7.35	42	978189	503.363	ug/l	100
30) Chloroform	7.51	83	1201309	97.904	ug/l	97
31) Cyclohexane	7.78	56	1206656	90.397	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	1030712	98.803	ug/l	99
36) 1,1-Dichloropropene	7.92	75	979318	96.213	ug/l	99
37) Ethyl Acetate	7.08	43	644262	99.392	ug/l	99
38) Carbon Tetrachloride	7.90	117	897523	96.718	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	1278427	97.120	ug/l	98
40) Benzene	8.16	78	2898540	95.510	ug/l	100
41) Methacrylonitrile	7.33	41	358834m	100.167	ug/l	
42) 1,2-Dichloroethane	8.24	62	792152	97.651	ug/l	100
43) Isopropyl Acetate	8.28	43	1208410	103.160	ug/l	99
44) Trichloroethene	8.94	130	778225	95.800	ug/l	98
45) 1,2-Dichloropropane	9.22	63	756811	96.738	ug/l	98
46) Dibromomethane	9.30	93	402751	98.259	ug/l	99
47) Bromodichloromethane	9.50	83	950931	99.305	ug/l	98
48) Methyl methacrylate	9.29	41	555159	102.379	ug/l	99
49) 1,4-Dioxane	9.30	88	116484	2059.055	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	3146384	494.172	ug/l	100
52) Toluene	10.24	92	1768777	96.015	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1036495	100.764	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	1199538	98.671	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	583827	98.057	ug/l	98
56) Ethyl methacrylate	10.51	69	851281	105.720	ug/l	98
57) 1,3-Dichloropropane	10.79	76	1015498	97.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	2231766	513.232	ug/l	99
59) 2-Hexanone	10.83	43	2203920	508.078	ug/l	99
60) Dibromochloromethane	10.99	129	681077	101.236	ug/l	100
61) 1,2-Dibromoethane	11.09	107	553433	99.167	ug/l	100
64) Tetrachloroethene	10.72	164	737521	94.370	ug/l	97
65) Chlorobenzene	11.52	112	1868639	96.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	667526	98.838	ug/l	98
67) Ethyl Benzene	11.59	91	3363668	96.875	ug/l	100
68) m/p-Xylenes	11.70	106	2502177	190.995	ug/l	100
69) o-Xylene	12.03	106	1194349	96.630	ug/l	100
70) Styrene	12.04	104	2058521	100.858	ug/l	100
71) Bromoform	12.20	173	416454	103.326	ug/l #	99
73) Isopropylbenzene	12.33	105	3176416	98.602	ug/l	100
74) N-amyl acetate	12.14	43	1049718	105.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	662096	101.119	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	443188m	93.053	ug/l	
77) Bromobenzene	12.61	156	752912	99.460	ug/l	99
78) n-propylbenzene	12.67	91	3780995	96.169	ug/l	100
79) 2-Chlorotoluene	12.75	91	2116209	97.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2598456	97.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	252299	103.954	ug/l	98
82) 4-Chlorotoluene	12.85	91	2192499	95.234	ug/l	99
83) tert-Butylbenzene	13.07	119	2212441	96.953	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2580983	96.147	ug/l	100
85) sec-Butylbenzene	13.25	105	3138936	95.075	ug/l	100
86) p-Isopropyltoluene	13.37	119	2759395	94.011	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1370649	93.409	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1382581	93.616	ug/l	99
89) n-Butylbenzene	13.69	91	2730838	92.558	ug/l	99
90) Hexachloroethane	13.95	117	528934	99.145	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	1264215	94.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	108615	100.833	ug/l	96

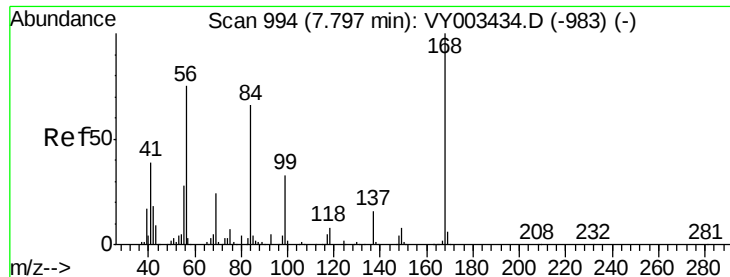
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	827196	91.563	ug/l	100
94) Hexachlorobutadiene	15.11	225	419985	86.846	ug/l	100
95) Naphthalene	15.23	128	1897590	100.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	736658	91.800	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

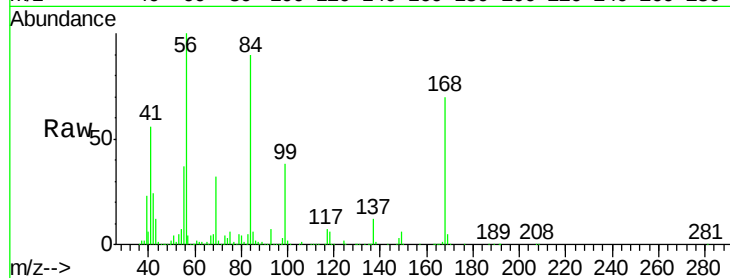
VSTDIC100

Tot Ion:168 Resp: 616554

Ion Ratio Lower Upper

168 100

99 54.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VY003435.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003435.D (-945) (-)

7.80

250000

200000

150000

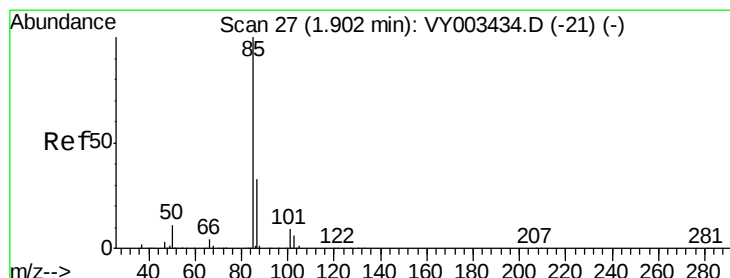
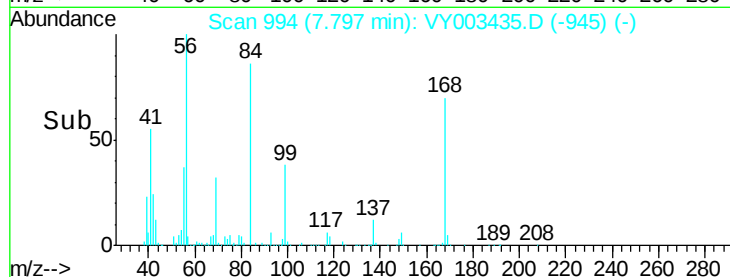
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 81.494 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003435.D

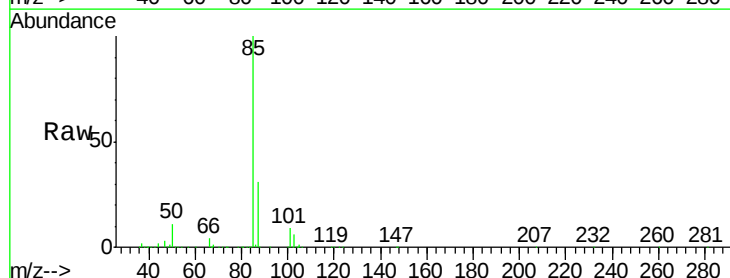
Acq: 04 Sep 2020 16:27

Tgt Ion: 85 Resp: 422558

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003435.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003435.D (-1) (-)

1.90

300000

250000

200000

150000

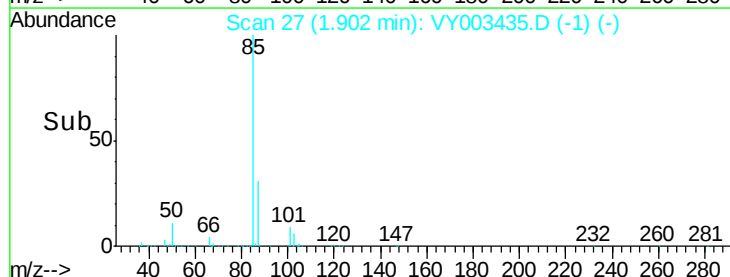
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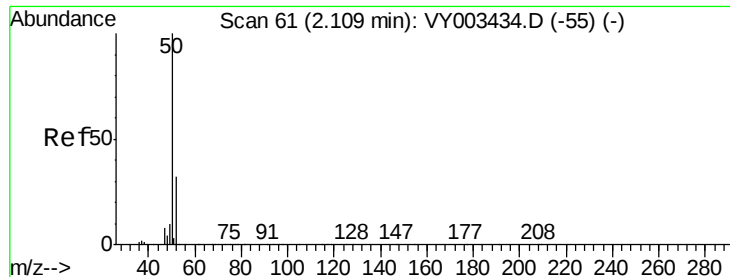
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 76.906 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

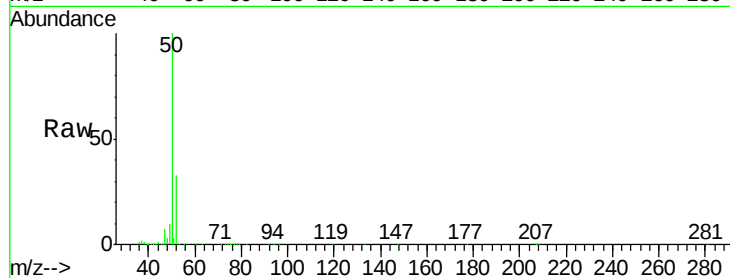
VSTDIC100

Tot Ion: 50 Resp: 572006

Ion Ratio Lower Upper

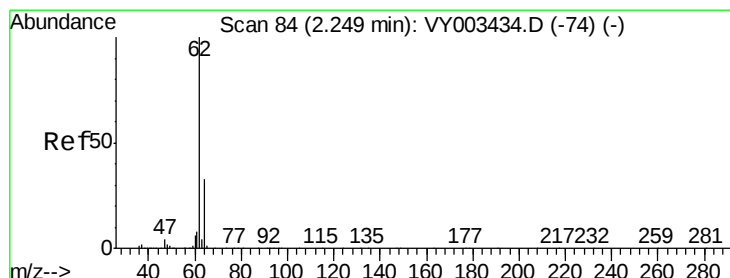
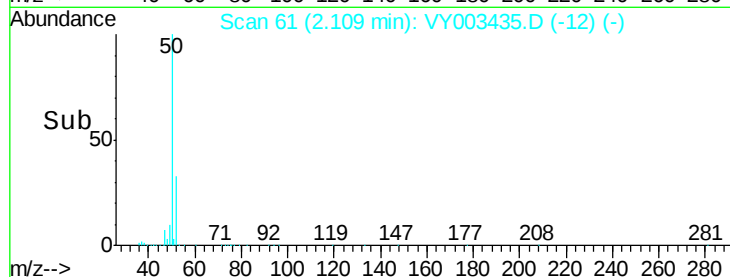
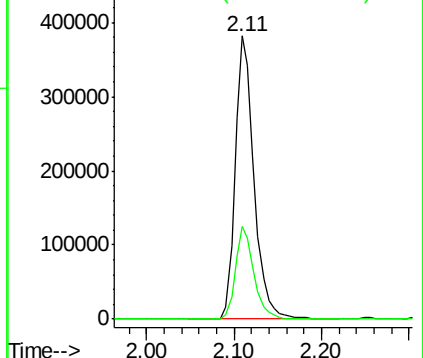
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 89.691 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003435.D

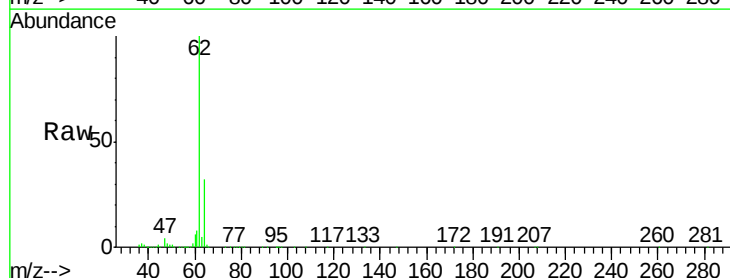
Acq: 04 Sep 2020 16:27

Tgt Ion: 62 Resp: 554665

Ion Ratio Lower Upper

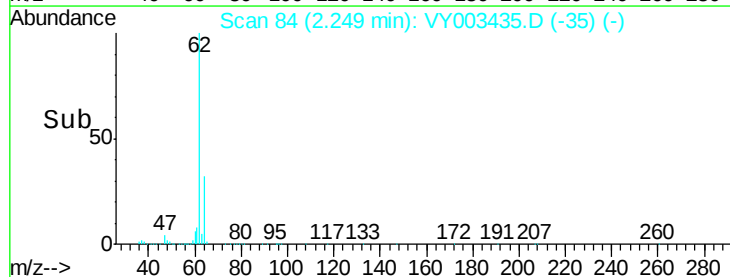
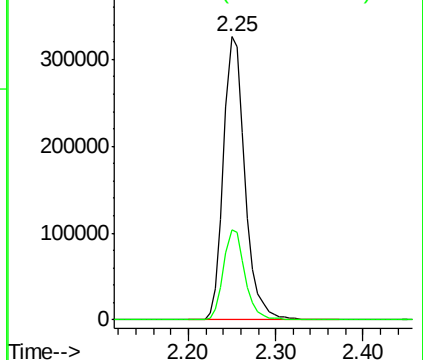
62 100

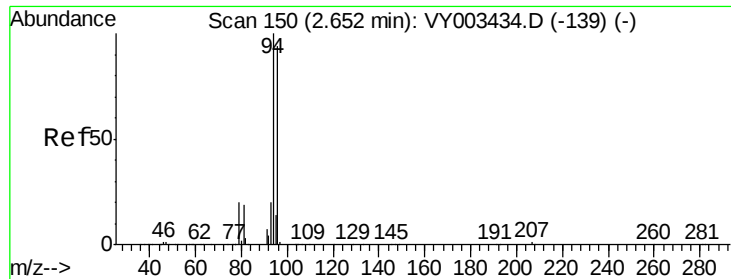
64 31.9 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 77.370 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

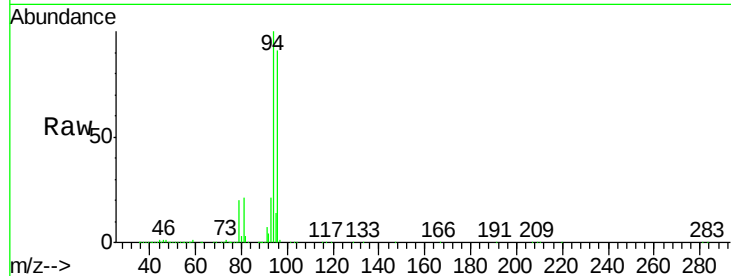
VSTDICC100

Tot Ion: 94 Resp: 369536

Ion Ratio Lower Upper

94 100

96 90.7 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

200000

150000

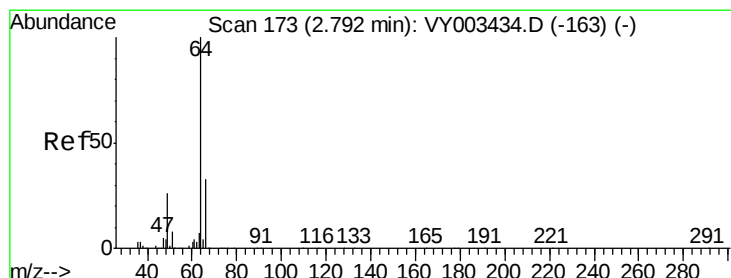
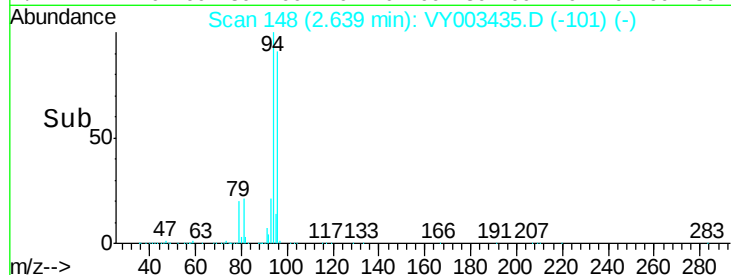
100000

50000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 98.470 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY003435.D

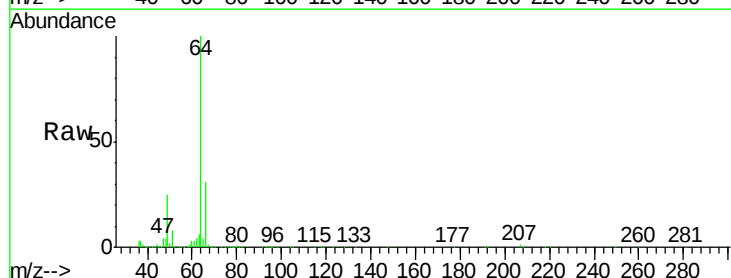
Acq: 04 Sep 2020 16:27

Tgt Ion: 64 Resp: 293148

Ion Ratio Lower Upper

64 100

66 31.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

150000

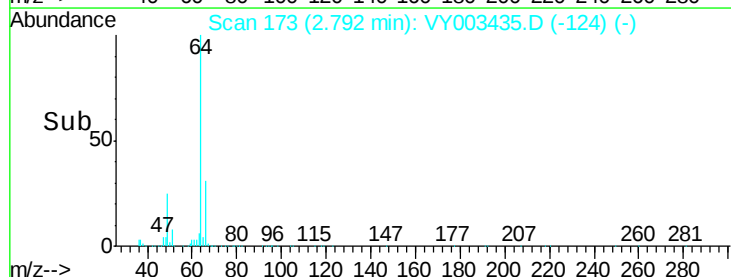
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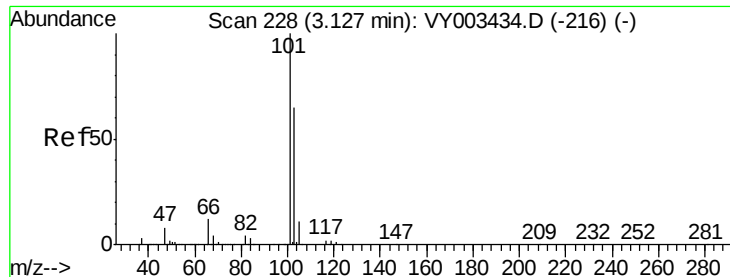
50000

0

Time-->

2.70 2.80 2.90 3.00



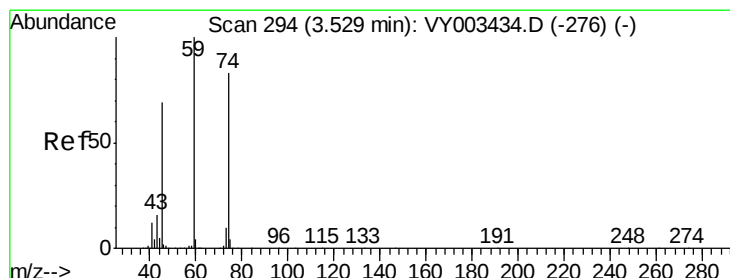
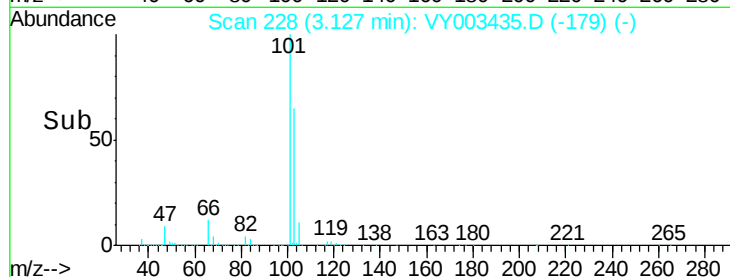
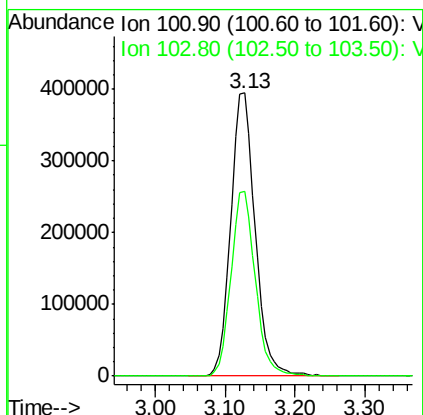
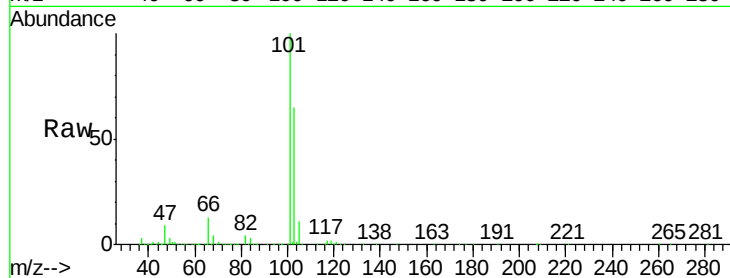


#7

Trichlorofluoromethane
Concen: 99.153 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

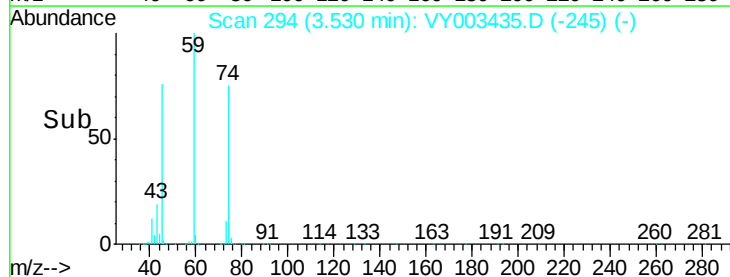
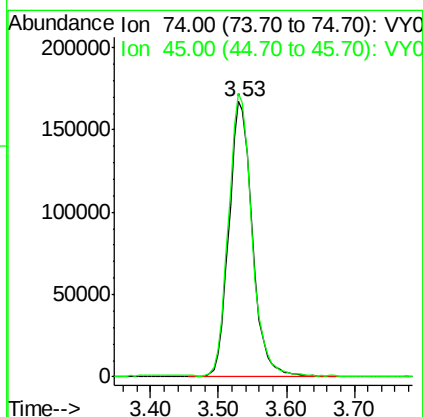
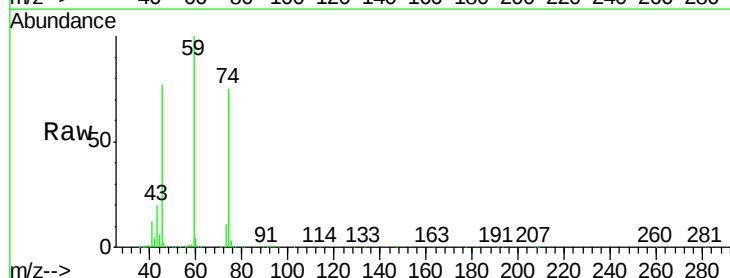
Tot Ion:101 Resp: 958783
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

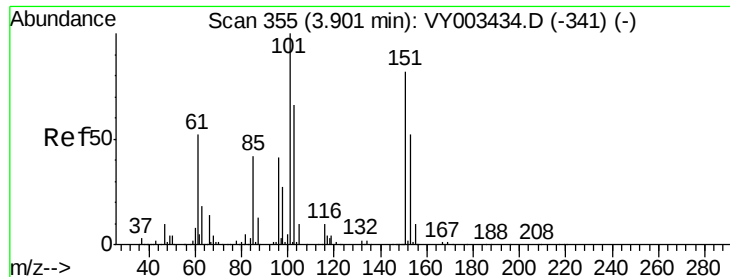


#8

Diethyl Ether
Concen: 99.770 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 74 Resp: 398181
Ion Ratio Lower Upper
74 100
45 103.5 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.338 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

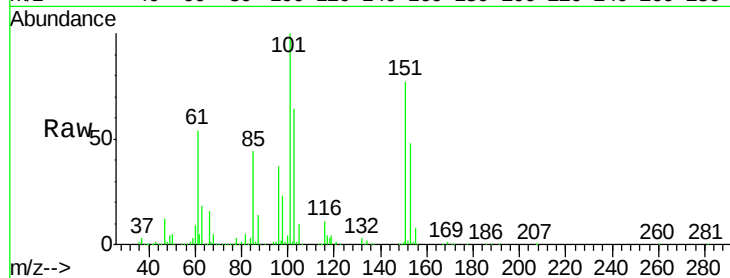
Tot Ion:101 Resp: 611121

Ion Ratio Lower Upper

101 100

85 43.0 33.1 49.7

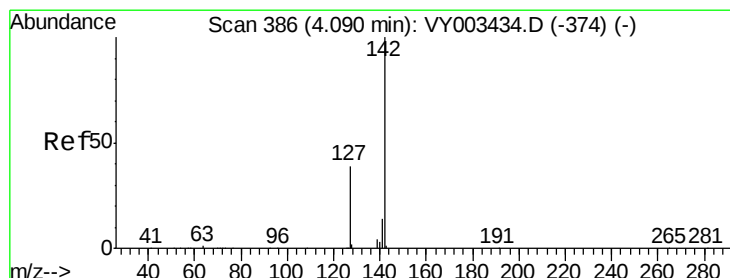
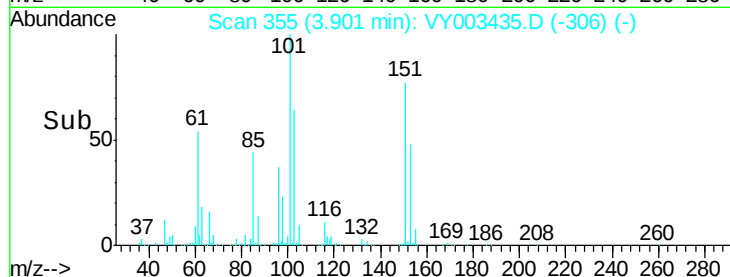
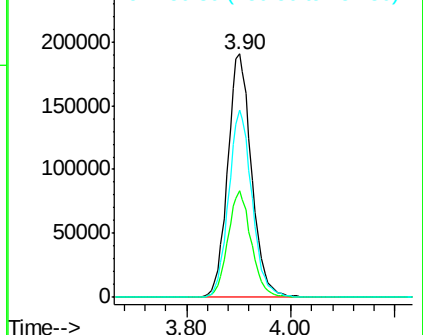
151 75.5 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 143.248 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

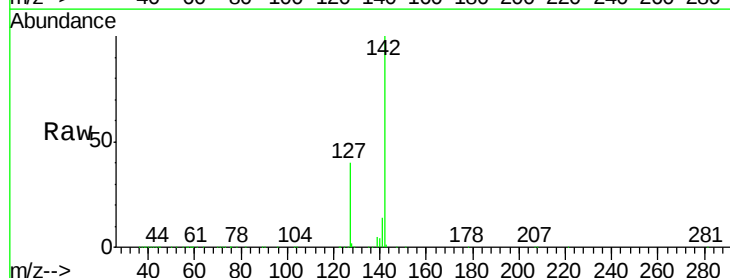
Tgt Ion:142 Resp: 586926

Ion Ratio Lower Upper

142 100

127 40.8 30.5 45.7

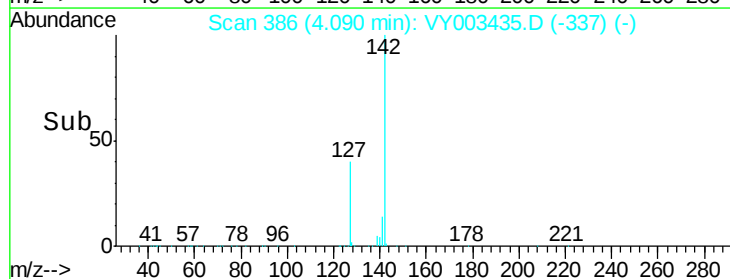
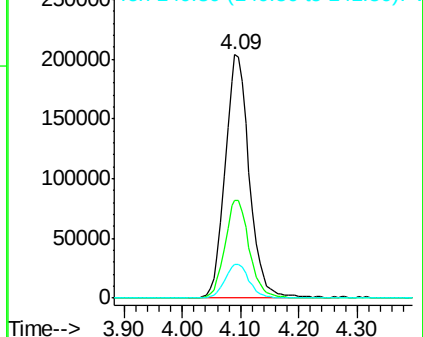
141 14.1 11.4 17.2

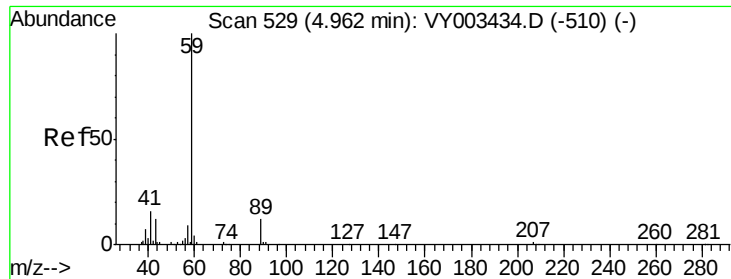


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



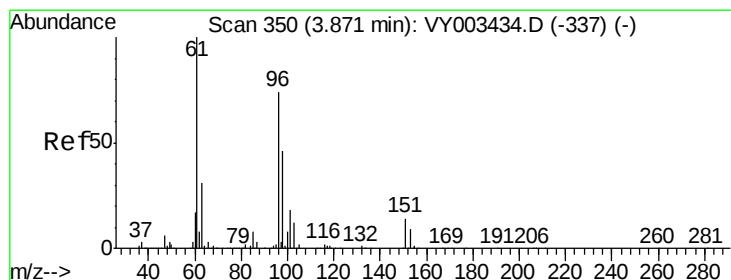
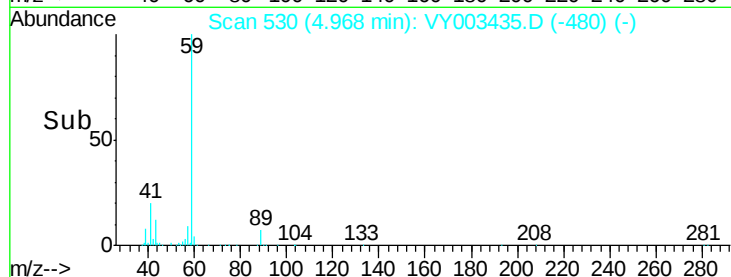
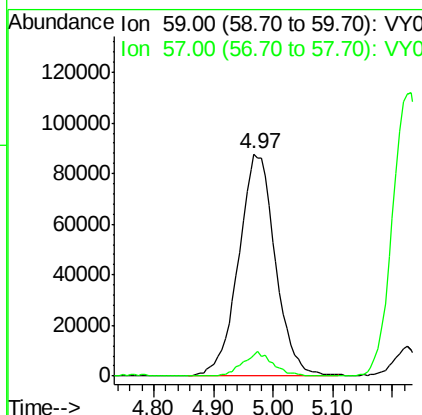
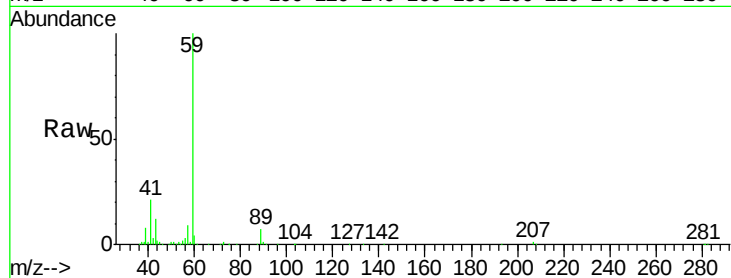


#11

Tert butyl alcohol
 Concen: 346.767 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

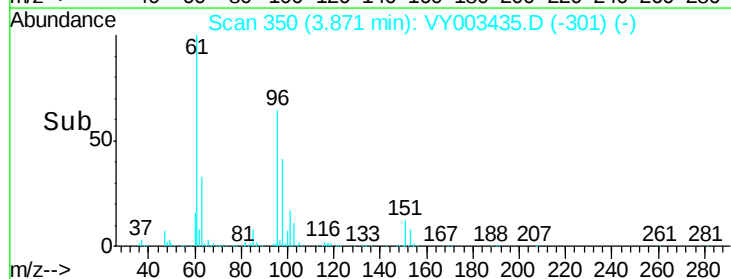
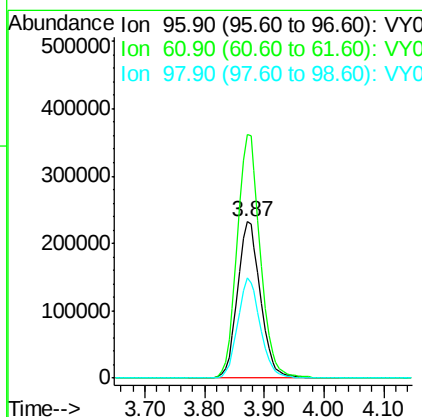
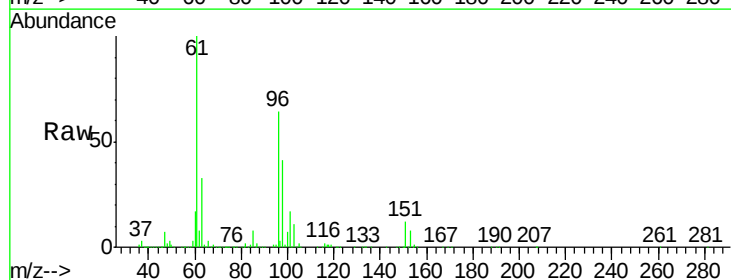
Tot Ion: 59 Resp: 373852
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.4 11.0

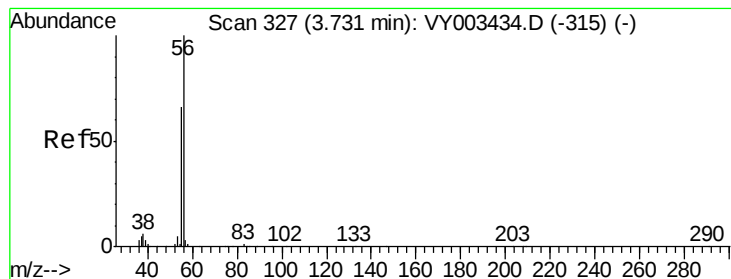


#12

1,1-Dichloroethene
 Concen: 97.139 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion: 96 Resp: 623418
 Ion Ratio Lower Upper
 96 100
 61 155.7 108.6 163.0
 98 63.8 50.5 75.7





#13

Acrolein

Concen: 462.447 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

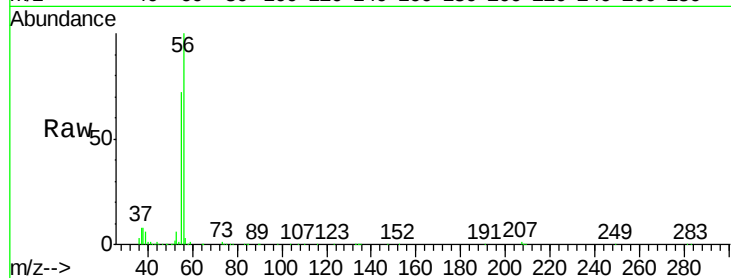
VSTDIC100

Tot Ion: 56 Resp: 244730

Ion Ratio Lower Upper

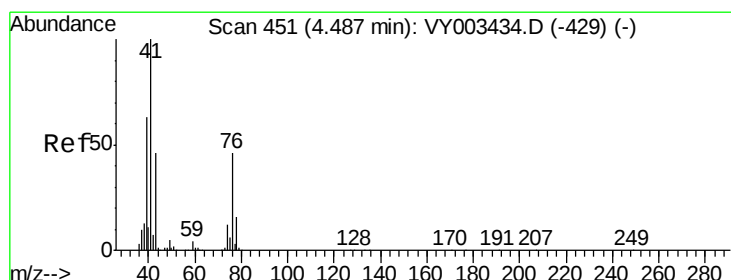
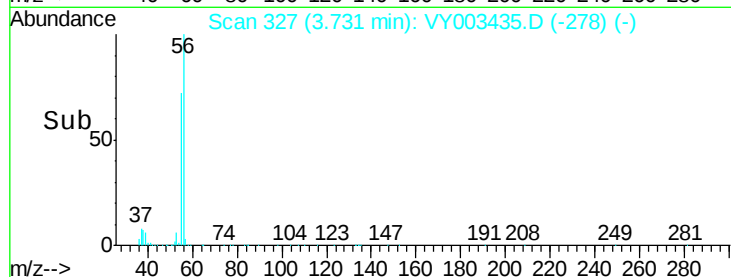
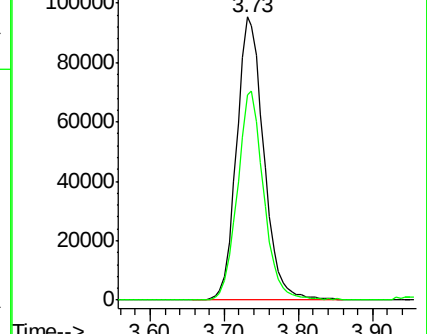
56 100

55 71.3 55.2 82.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 105.165 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

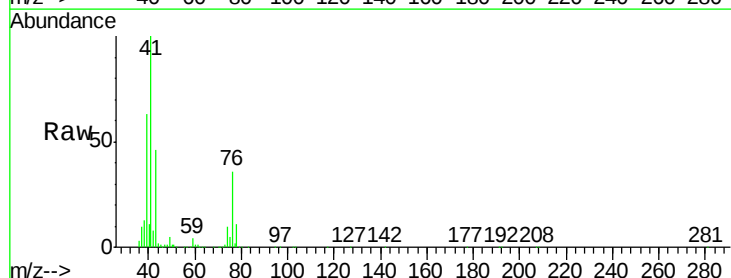
Tgt Ion: 41 Resp: 1171893

Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

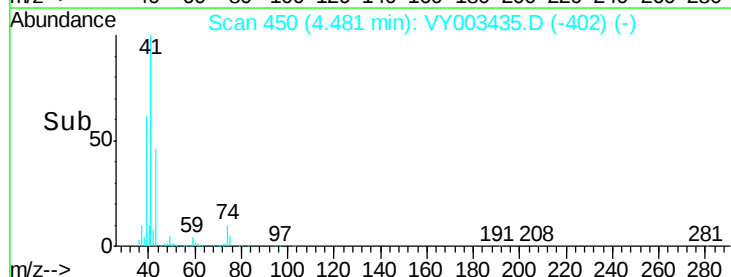
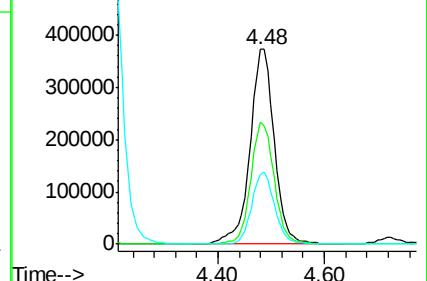
76 34.6 35.1 52.7#

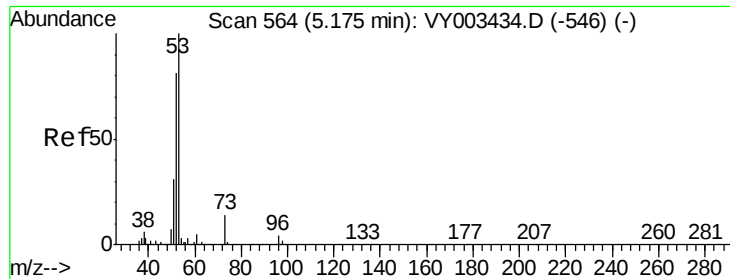


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 524.398 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

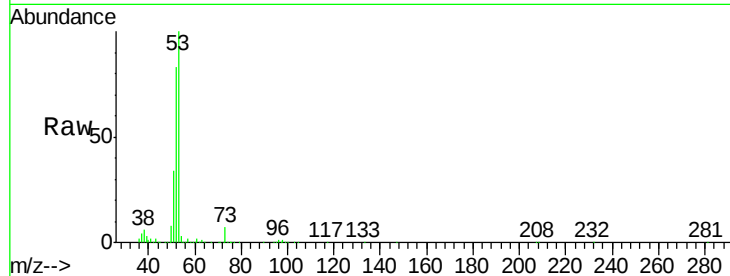
Tot Ion: 53 Resp: 1106285

Ion Ratio Lower Upper

53 100

52 82.3 64.5 96.7

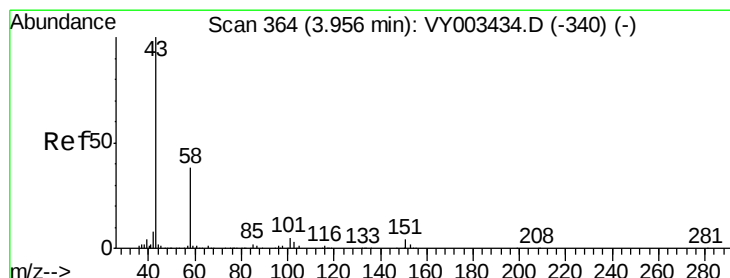
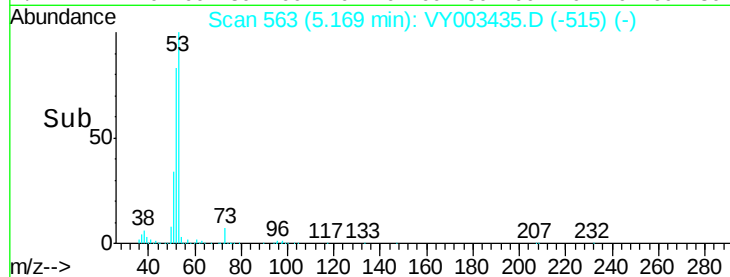
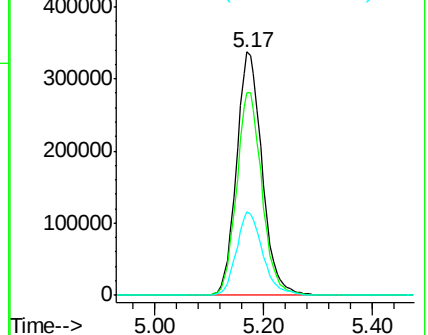
51 35.1 26.6 39.8



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 491.016 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY003435.D

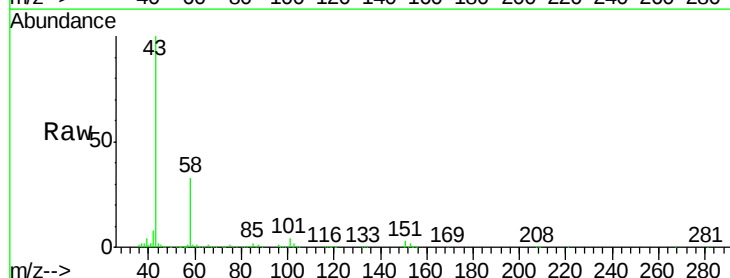
Acq: 04 Sep 2020 16:27

Tgt Ion: 43 Resp: 907741

Ion Ratio Lower Upper

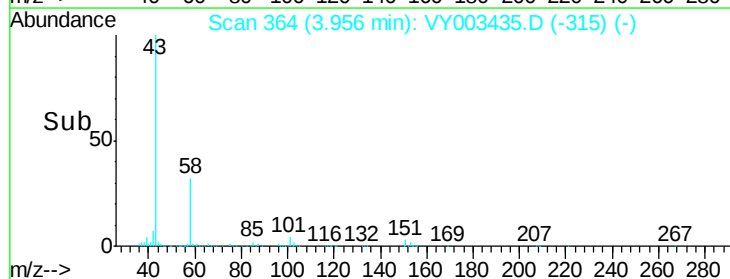
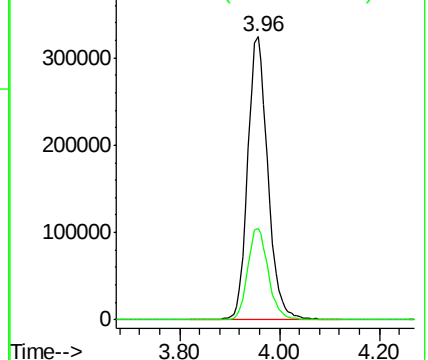
43 100

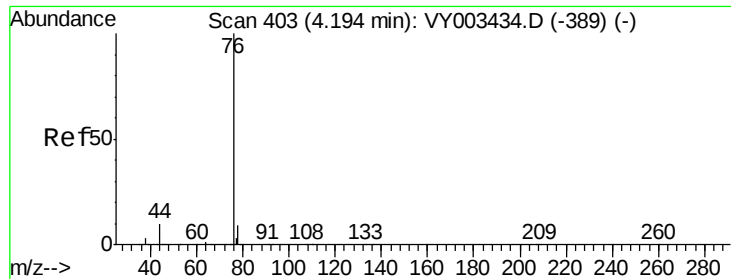
58 32.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

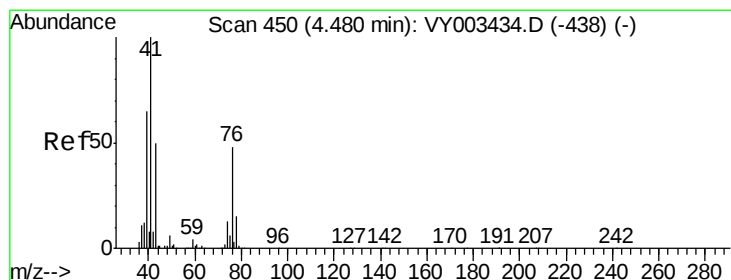
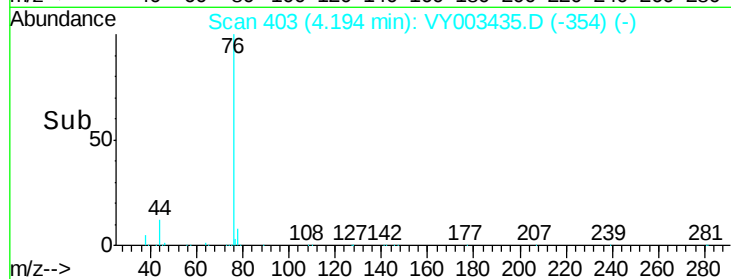
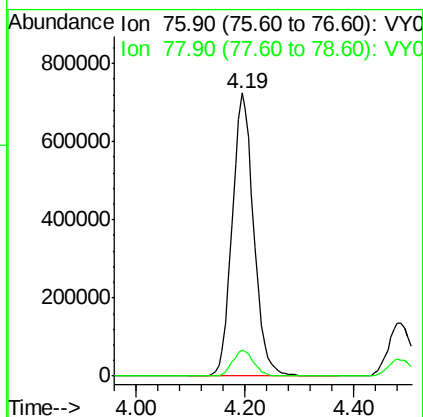
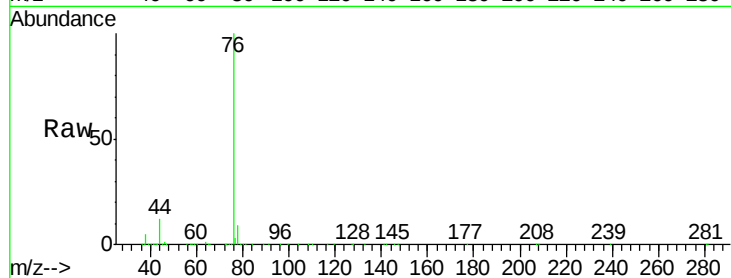




#17
Carbon Disulfide
Concen: 96.833 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

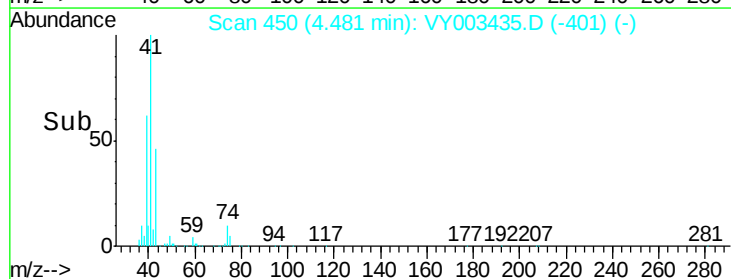
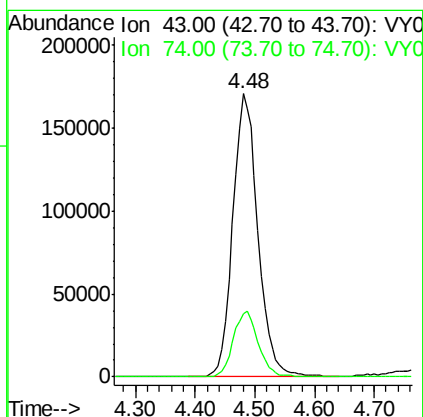
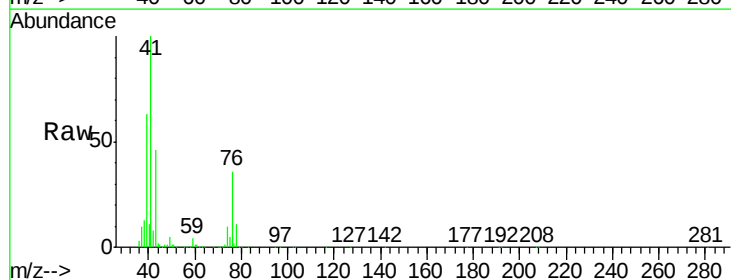
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

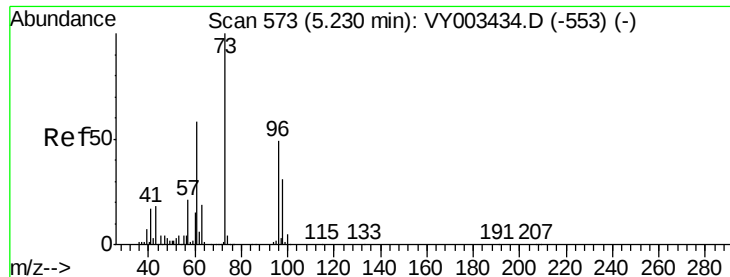
Tot Ion: 76 Resp: 1997190
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 102.243 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 43 Resp: 497341
Ion Ratio Lower Upper
43 100
74 23.4 22.7 34.1



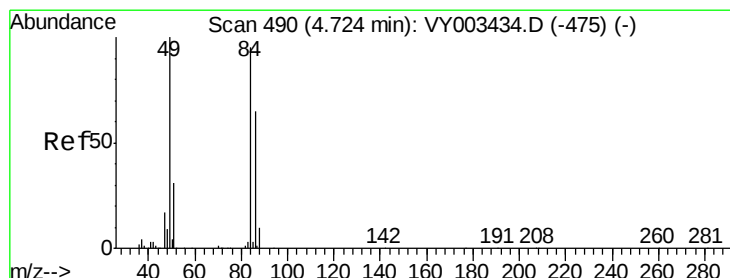
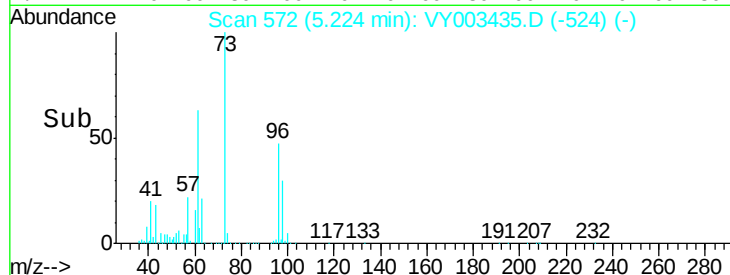
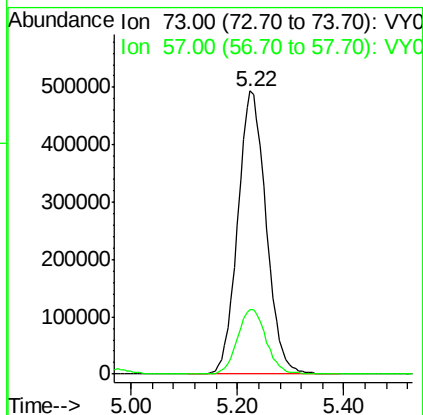
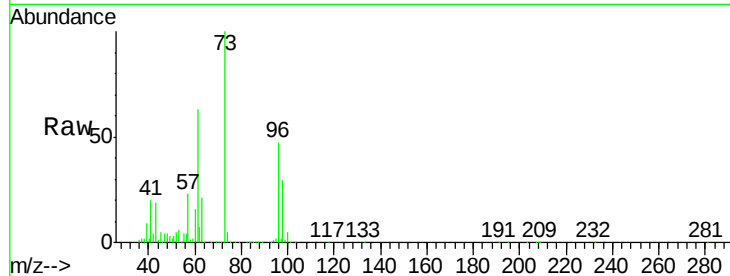


#19

Methyl tert-butyl Ether
 Concen: 104.709 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

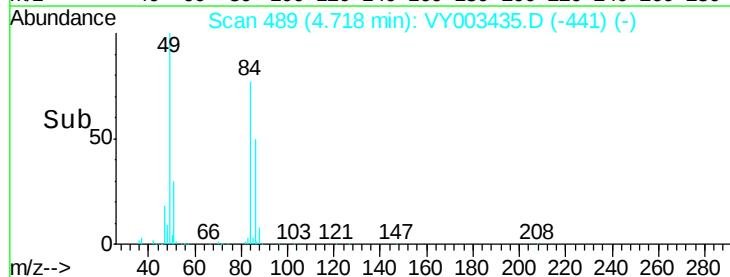
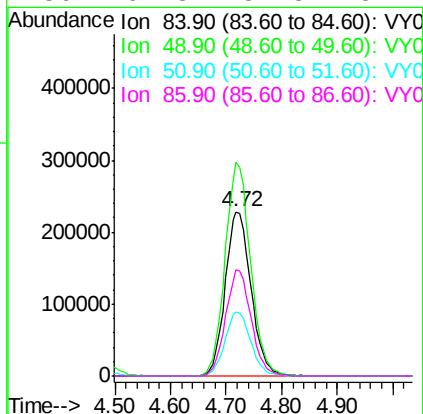
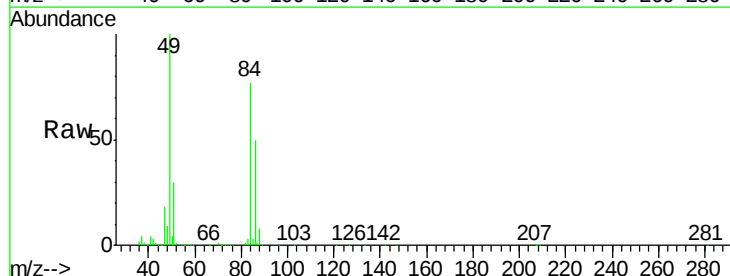
Tot Ion: 73 Resp: 1814881
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.0 25.6

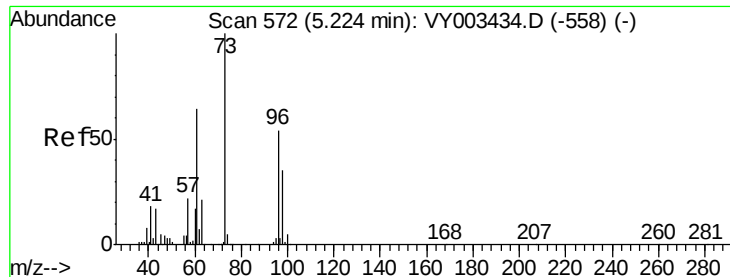


#20

Methylene Chloride
 Concen: 73.146 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion: 84 Resp: 732543
 Ion Ratio Lower Upper
 84 100
 49 130.1 83.9 125.9#
 51 39.3 26.3 39.5
 86 64.8 54.8 82.2





#21

trans-1,2-Dichloroethene

Concen: 97.038 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

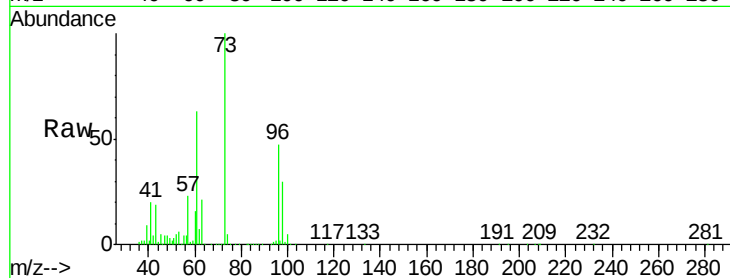
Tot Ion: 96 Resp: 711243

Ion Ratio Lower Upper

96 100

61 135.4 94.8 142.2

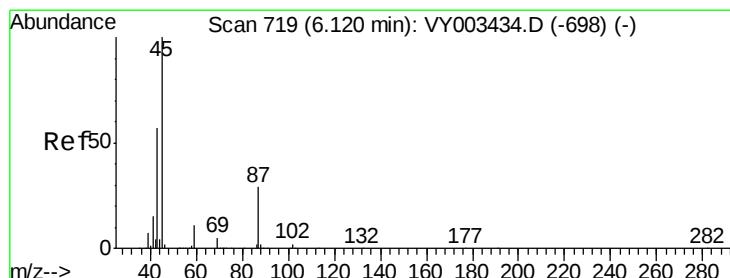
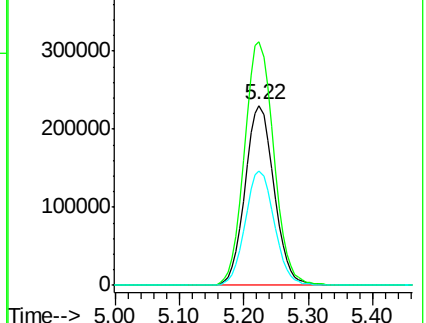
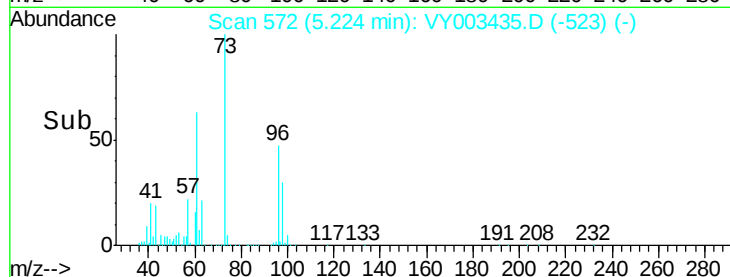
98 63.4 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 102.078 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Tgt Ion: 45 Resp: 2338768

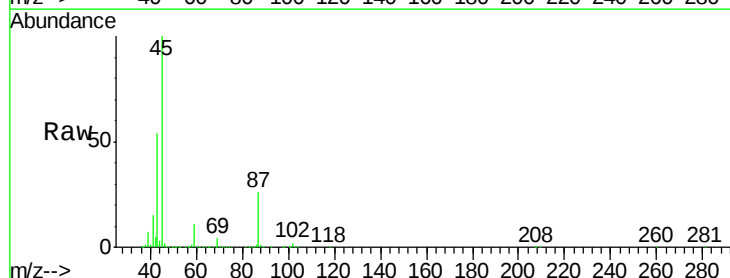
Ion Ratio Lower Upper

45 100

43 53.5 45.2 67.8

87 25.8 23.4 35.0

59 11.2 9.2 13.8

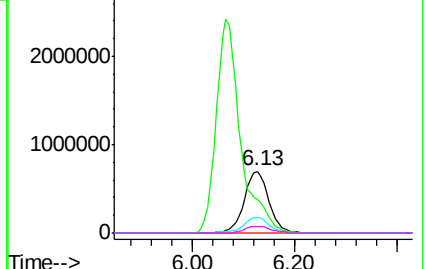
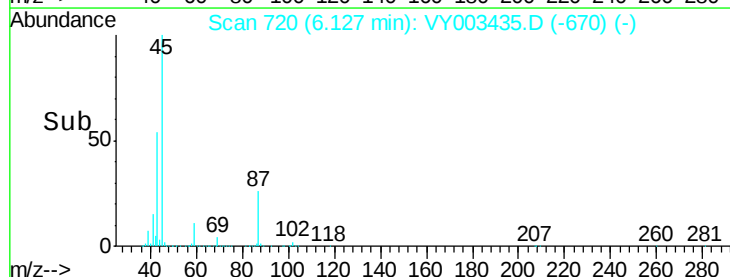


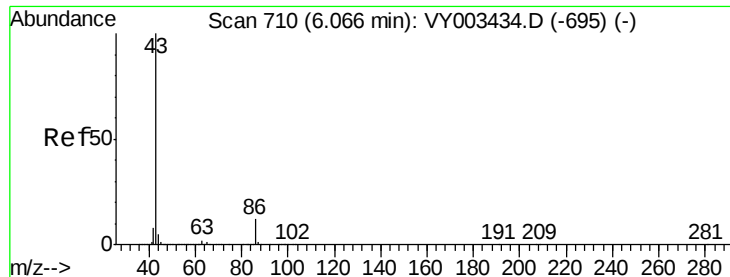
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 539.308 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

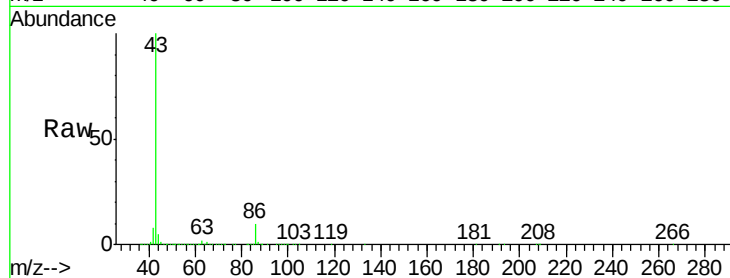
VSTDIC100

Tot Ion: 43 Resp: 8028321

Ion Ratio Lower Upper

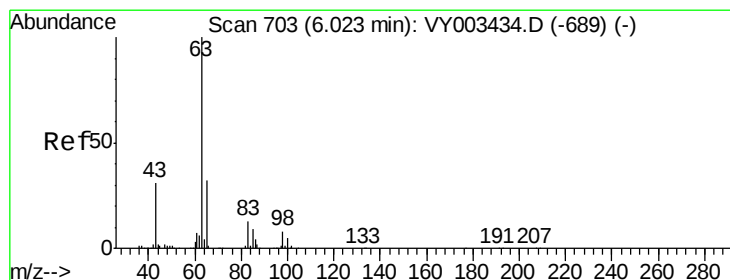
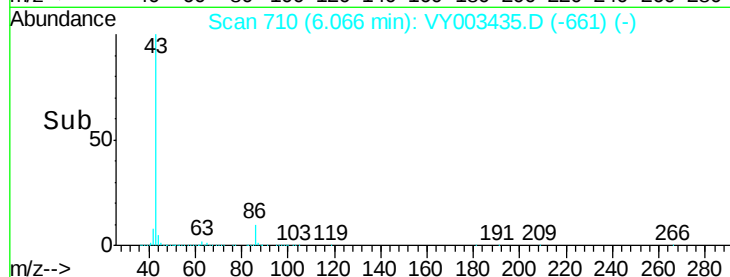
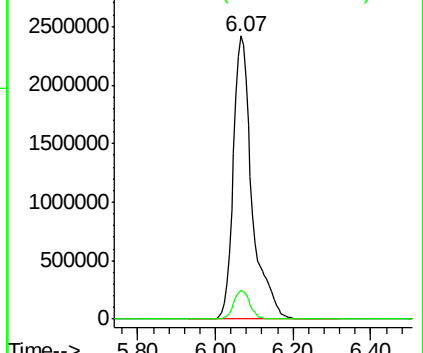
43 100

86 10.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 100.362 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

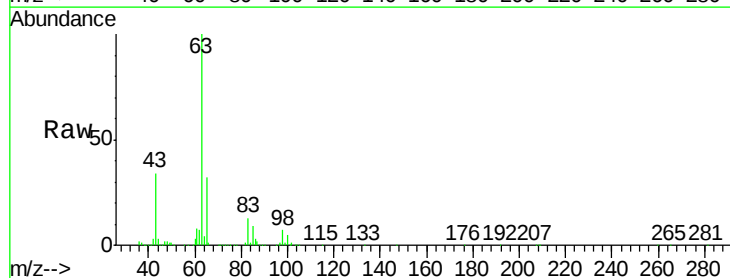
Tgt Ion: 63 Resp: 1250424

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

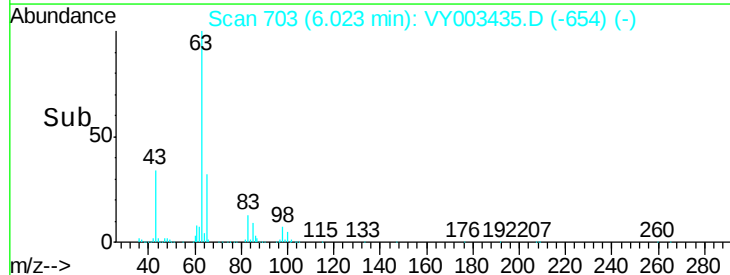
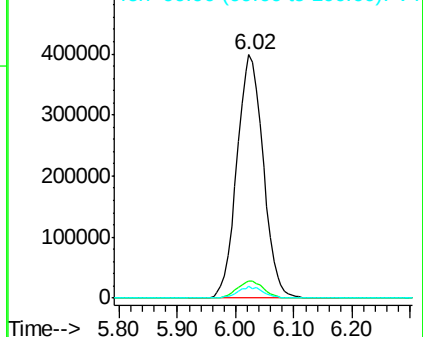
100 4.7 2.4 7.2

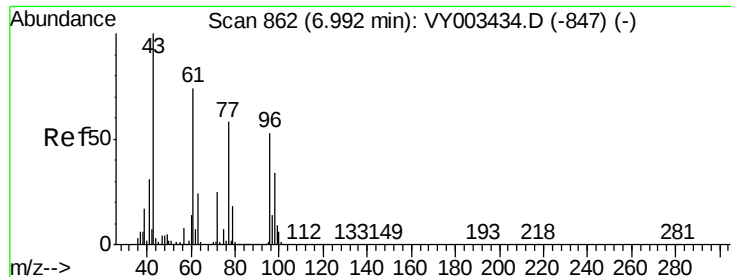


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 493.786 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

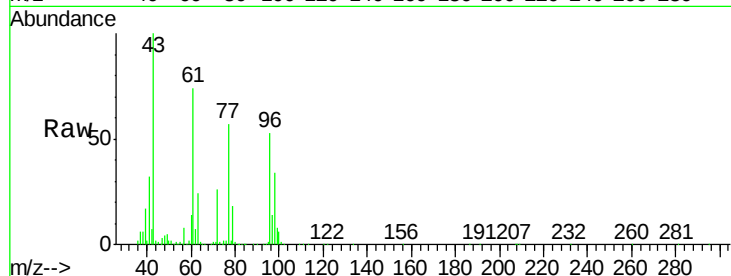
VSTDIC100

Tot Ion: 43 Resp: 1463010

Ion Ratio Lower Upper

43 100

72 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

500000

400000

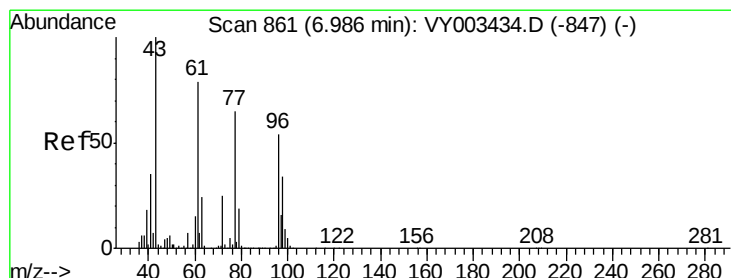
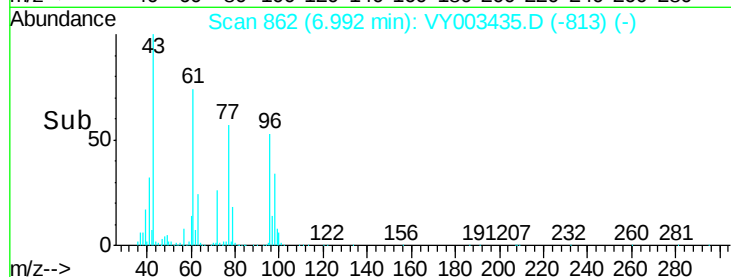
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 92.966 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003435.D

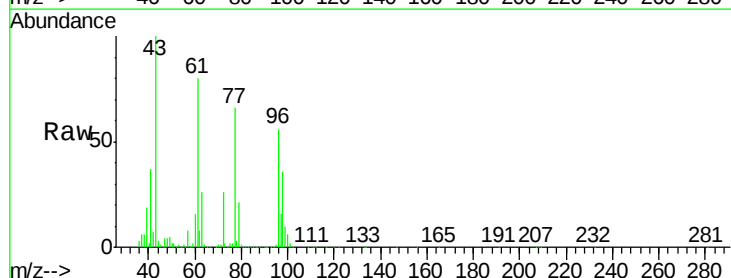
Acq: 04 Sep 2020 16:27

Tgt Ion: 77 Resp: 1000803

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

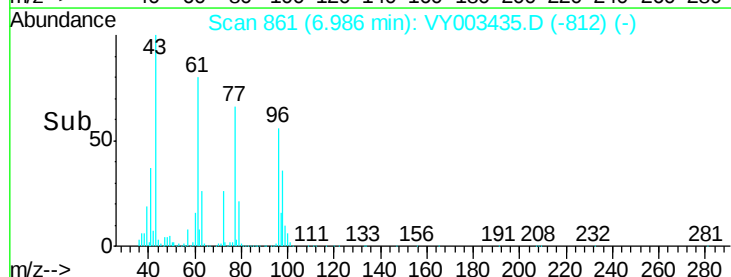
300000

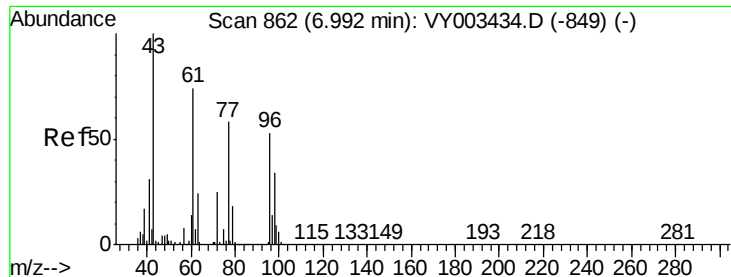
200000

100000

0

Time-->



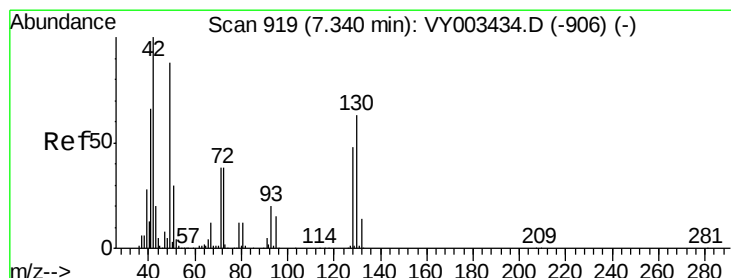
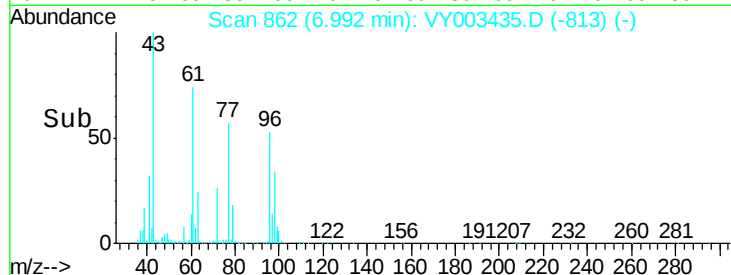
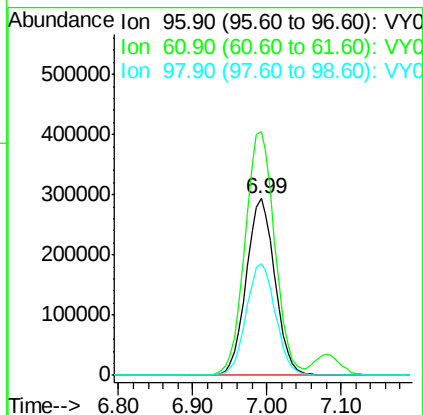
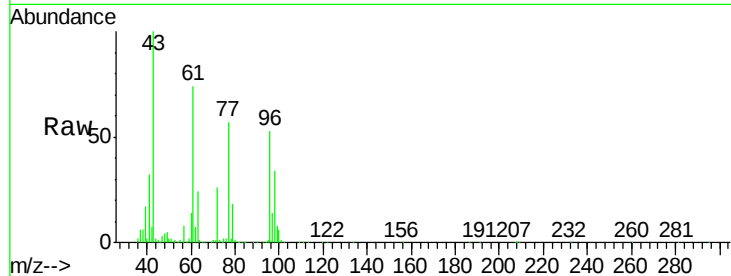


#27

cis-1,2-Dichloroethene
Concen: 97.128 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

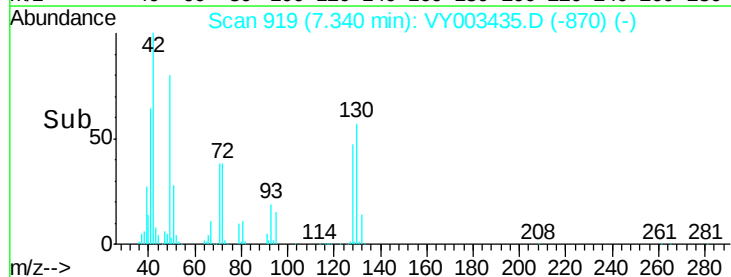
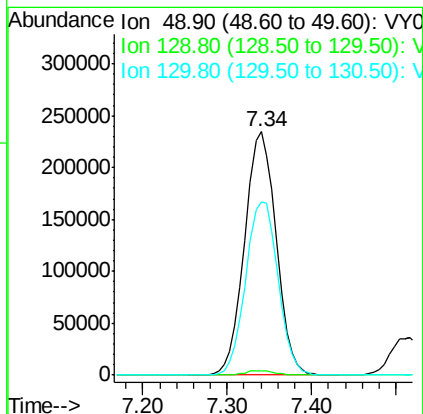
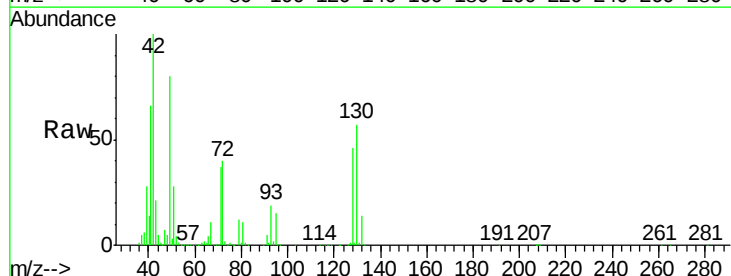
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	285.0
98	64.5	0.0	128.6

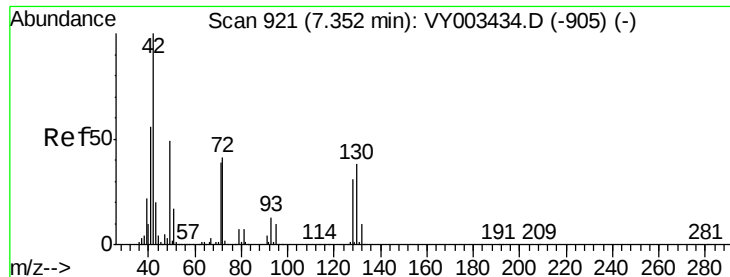


#28

Bromochloromethane
Concen: 95.147 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	73.1	57.8	86.8





#29

Tetrahydrofuran

Concen: 503.363 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

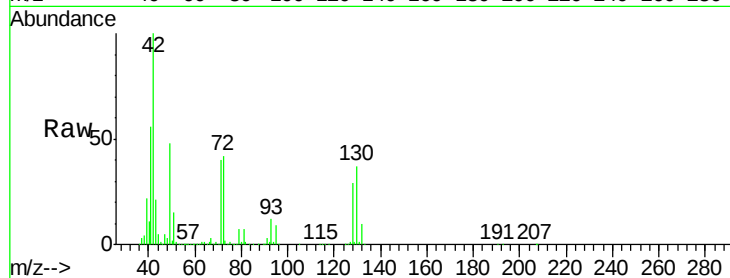
Tot Ion: 42 Resp: 978189

Ion Ratio Lower Upper

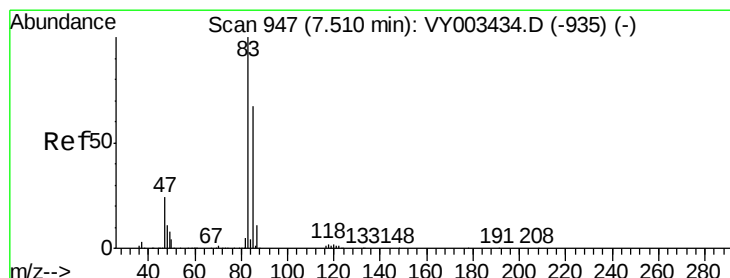
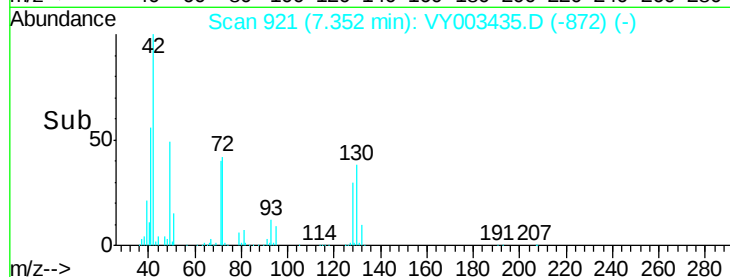
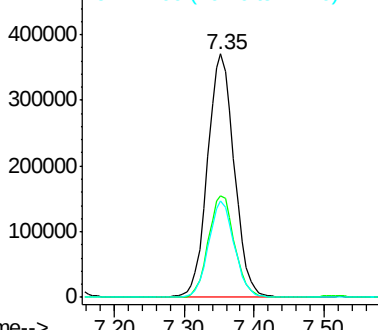
42 100

72 41.0 32.4 48.6

71 38.3 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 97.904 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003435.D

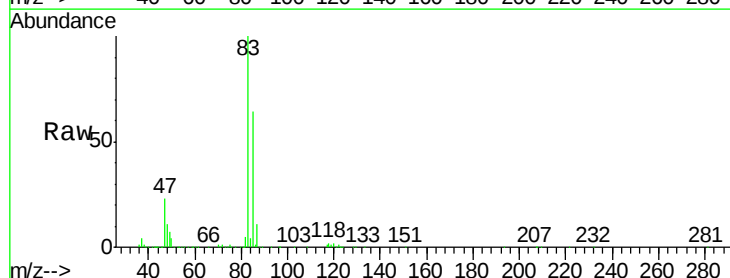
Acq: 04 Sep 2020 16:27

Tgt Ion: 83 Resp: 1201309

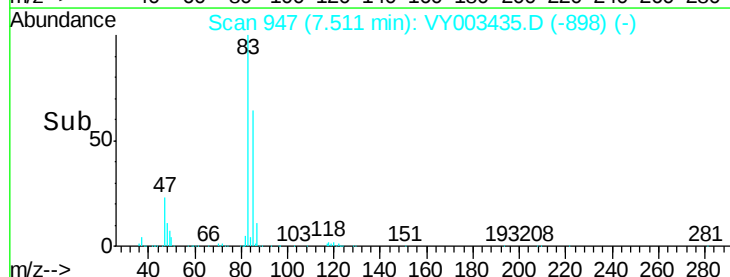
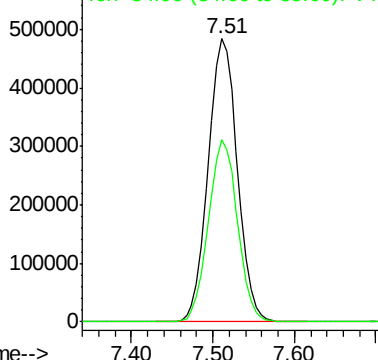
Ion Ratio Lower Upper

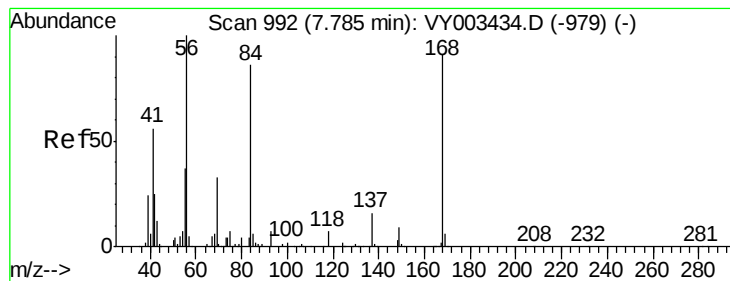
83 100

85 64.4 53.5 80.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 90.397 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

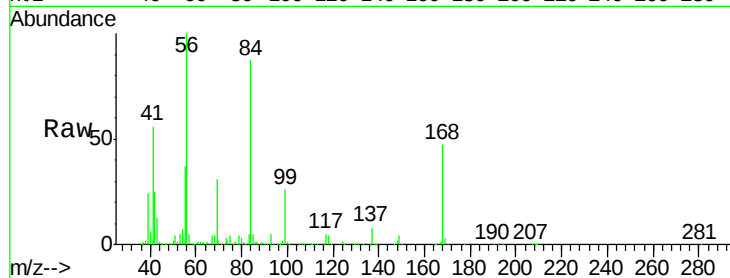
Tot Ion: 56 Resp: 1206656

Ion Ratio Lower Upper

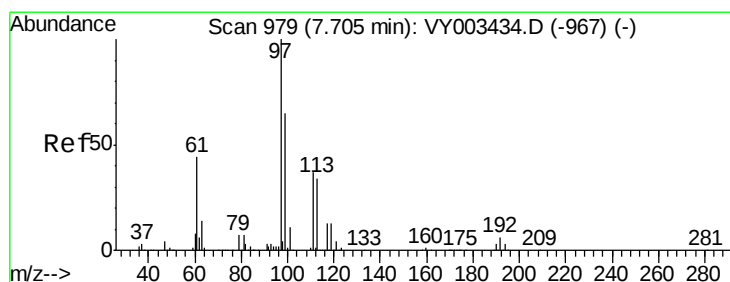
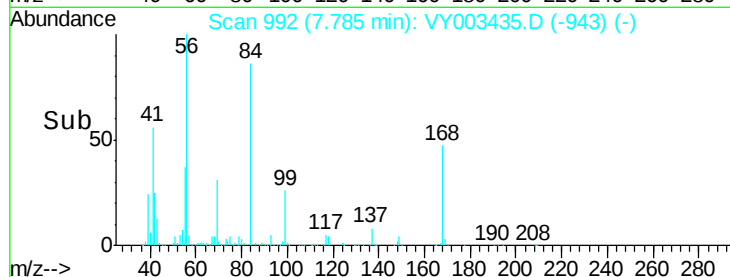
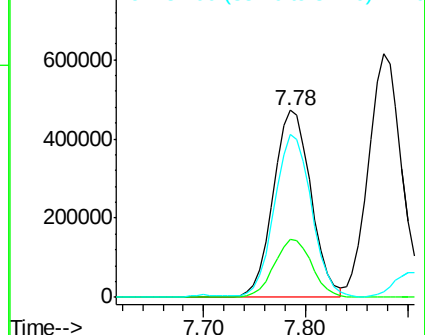
56 100

69 30.9 26.0 39.0

84 86.6 68.7 103.1



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



#32

1,1,1-Trichloroethane

Concen: 98.803 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

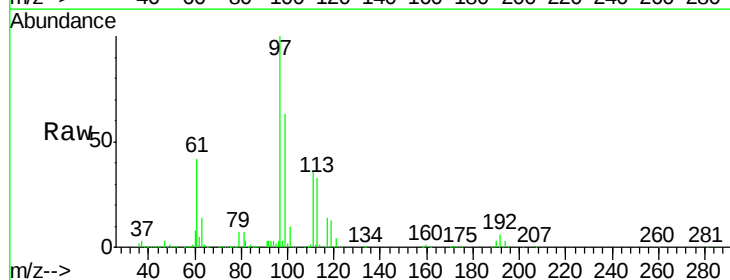
Tgt Ion: 97 Resp: 1030712

Ion Ratio Lower Upper

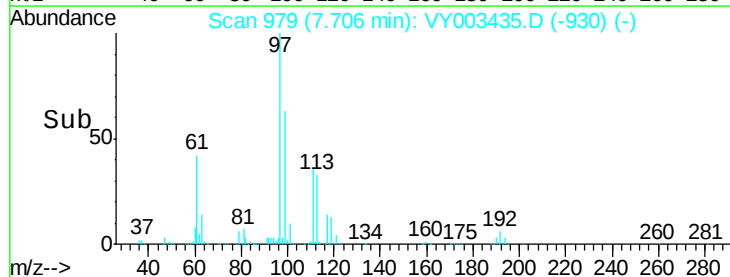
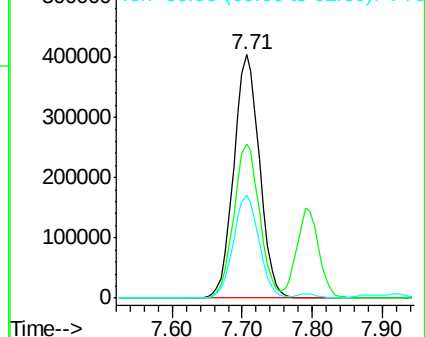
97 100

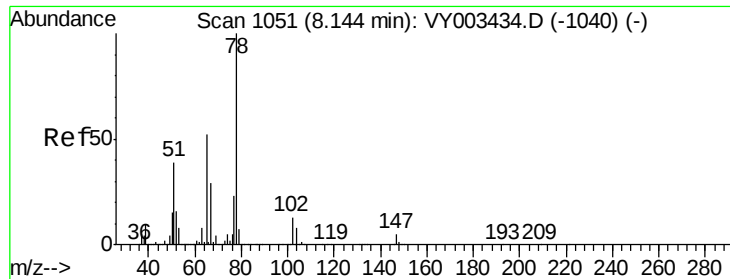
99 63.5 51.6 77.4

61 42.5 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

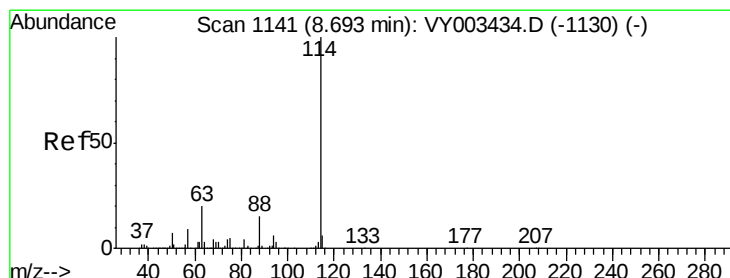
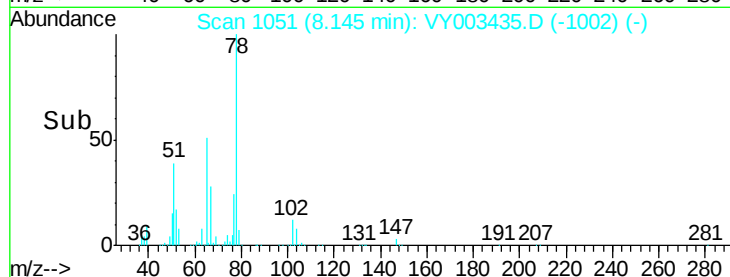
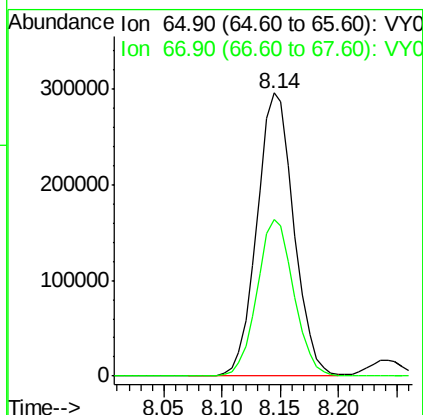
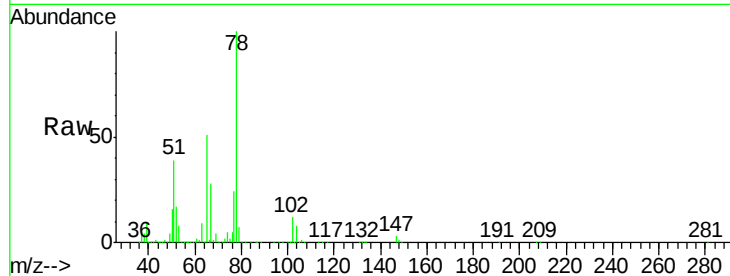




#33
 1,2-Dichloroethane-d4
 Concen: 101.936 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

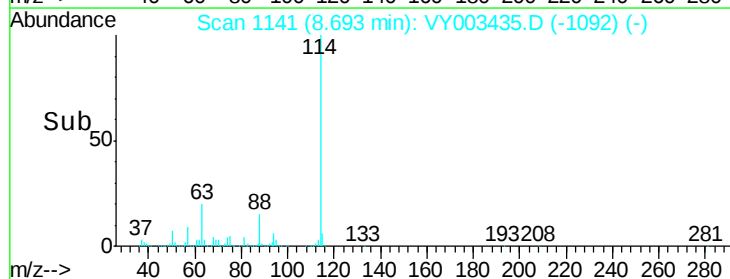
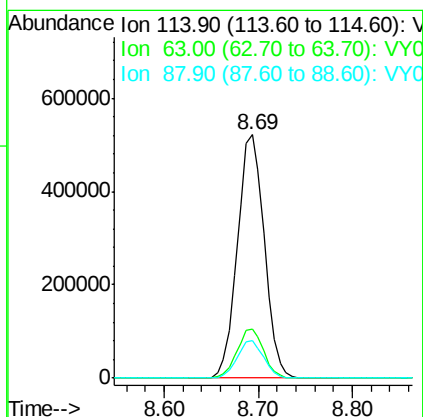
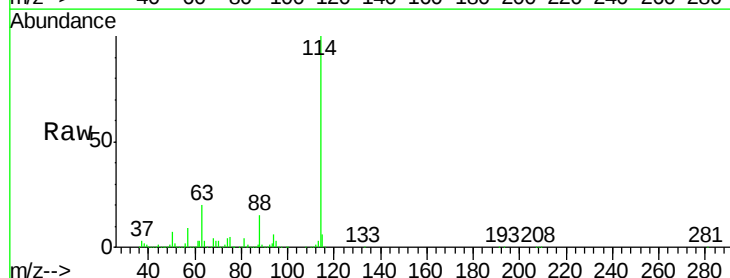
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

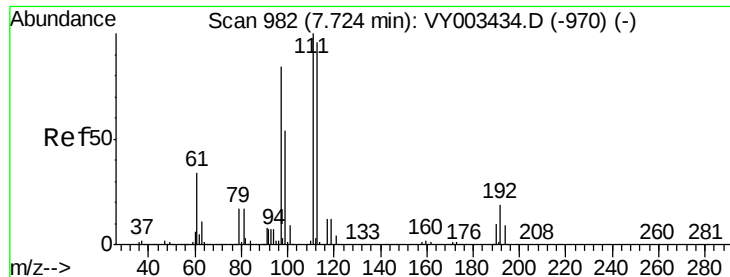
Tot Ion: 65 Resp: 652203
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion: 114 Resp: 1039206
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.5 0.0 29.0

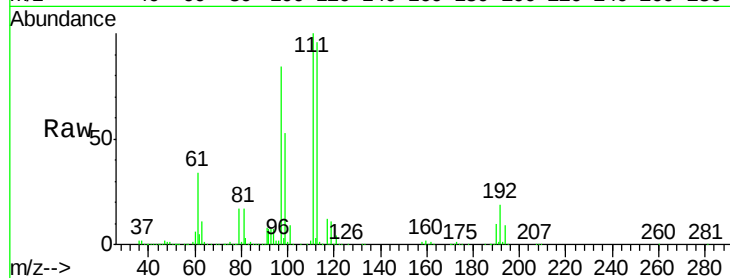




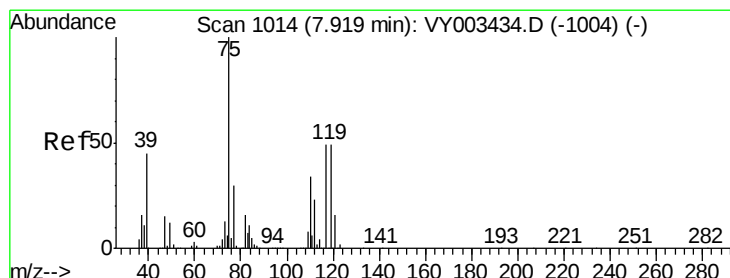
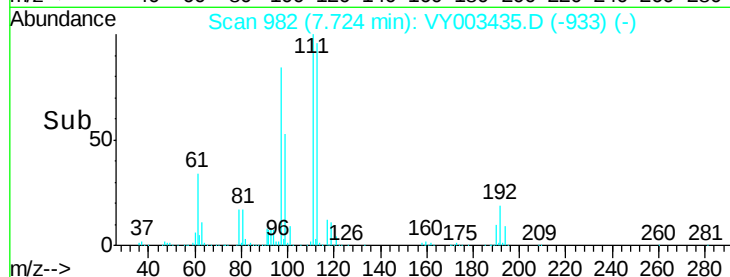
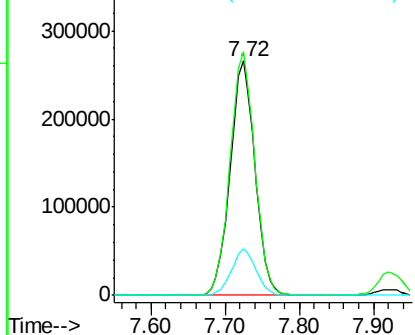
#35
Dibromofluoromethane
Concen: 103.127 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	19.7	15.7	23.5

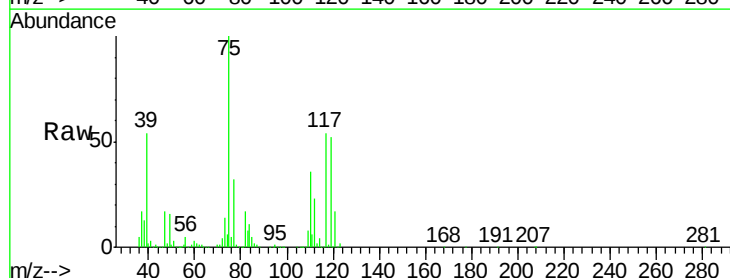


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

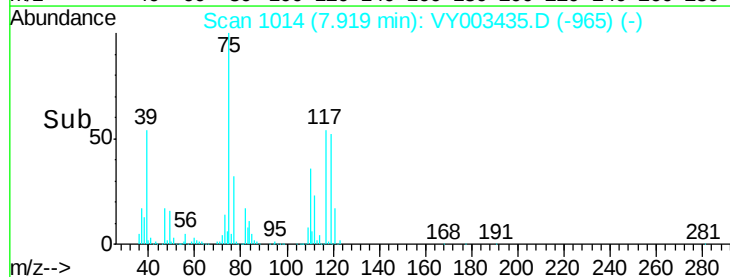
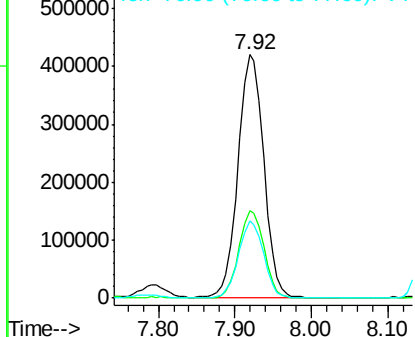


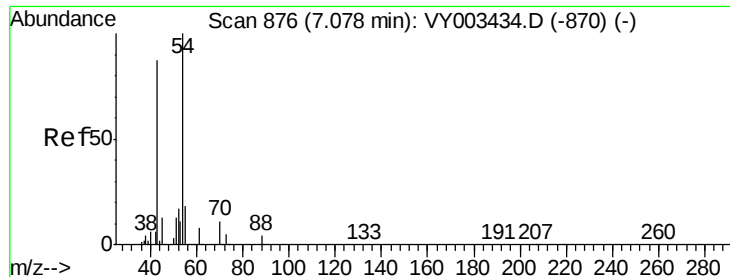
#36
1,1-Dichloropropene
Concen: 96.213 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.8	53.5
77	31.0	24.4	36.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

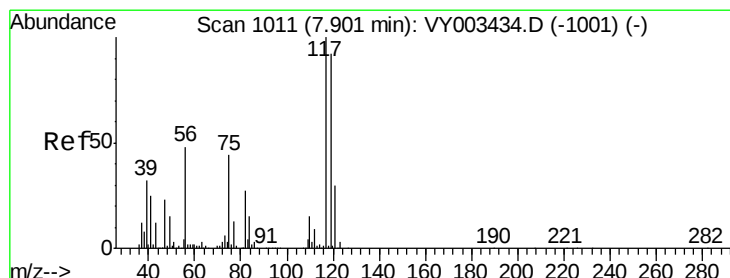
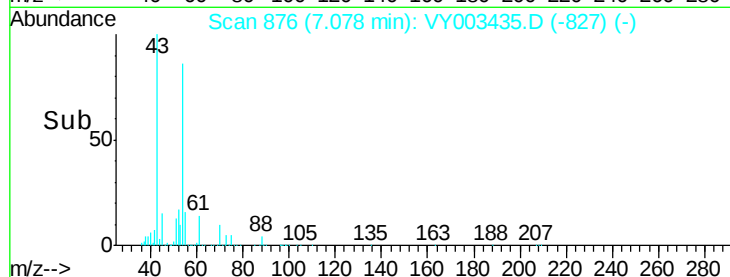
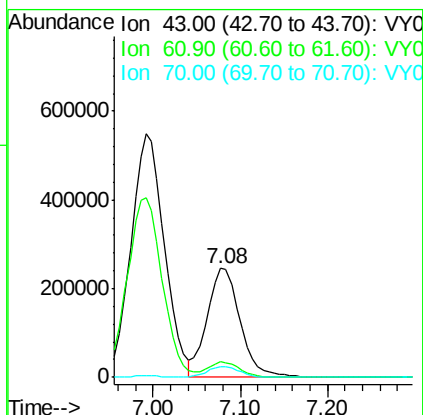
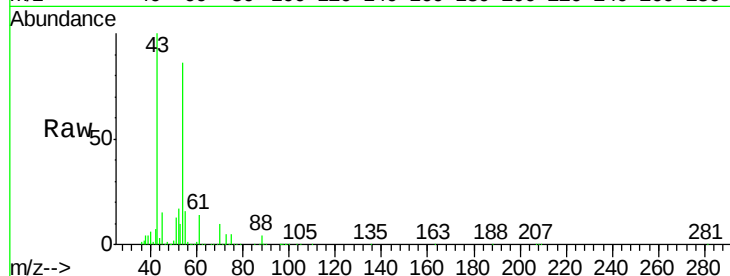




#37
Ethyl Acetate
Concen: 99.392 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

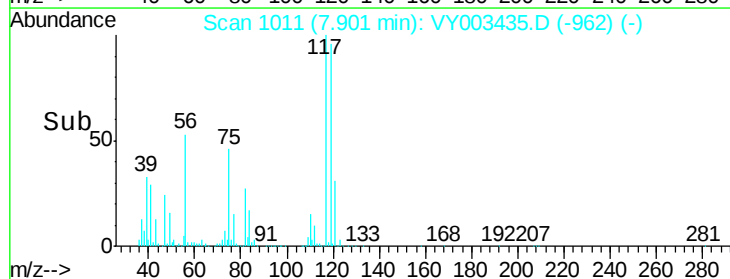
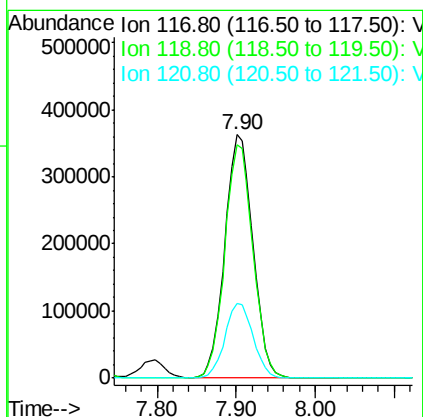
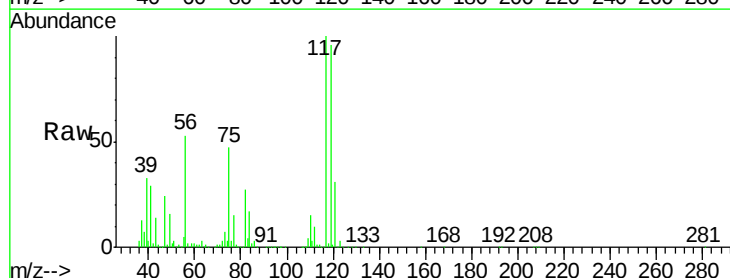
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

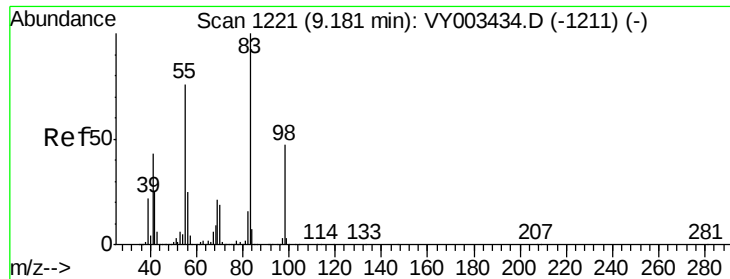
Tot Ion: 43 Resp: 644262
Ion Ratio Lower Upper
43 100
61 13.7 11.4 17.2
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 96.718 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 117 Resp: 897523
Ion Ratio Lower Upper
117 100
119 95.9 73.4 110.2
121 30.8 24.0 36.0



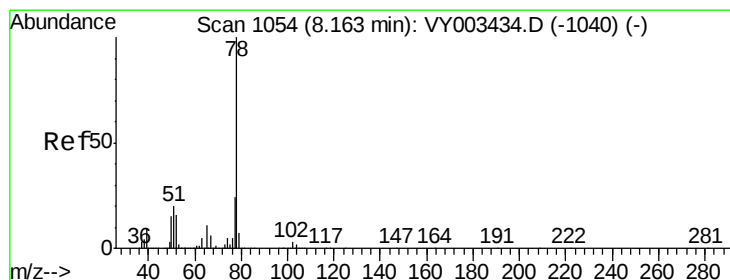
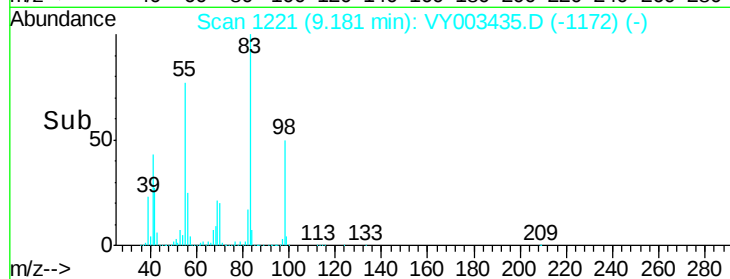
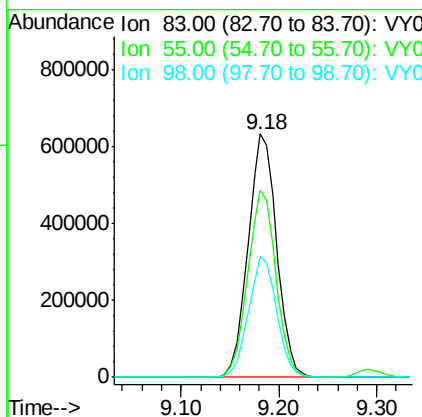
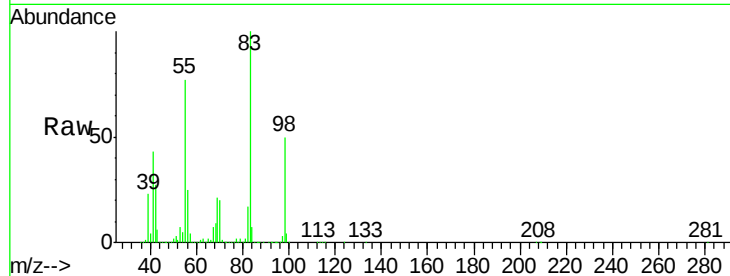


#39
Methvlcvclohexane
Concen: 97.120 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 1278427

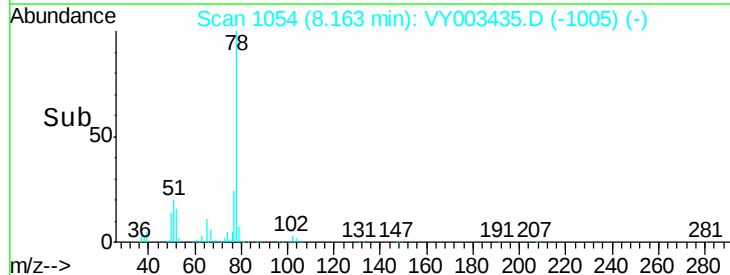
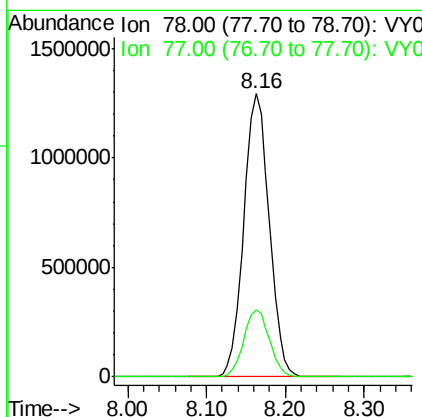
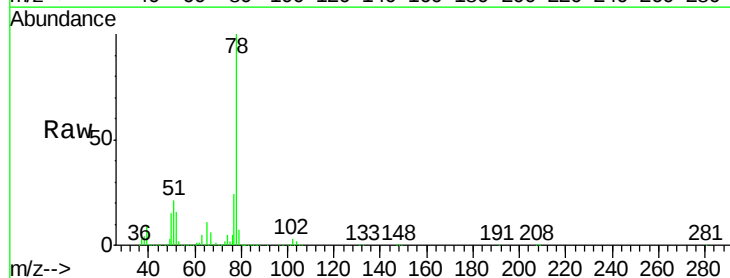
Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.0	91.4
98	49.5	37.3	55.9

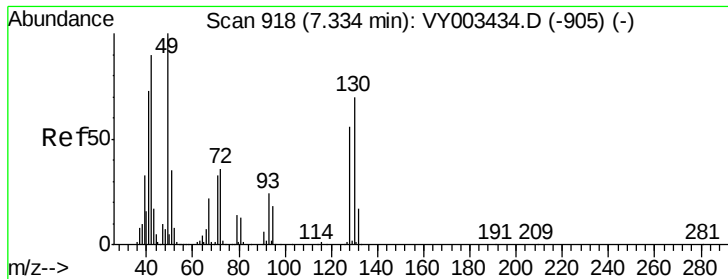


#40
Benzene
Concen: 95.510 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 78 Resp: 2898540

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 100.167 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 358834

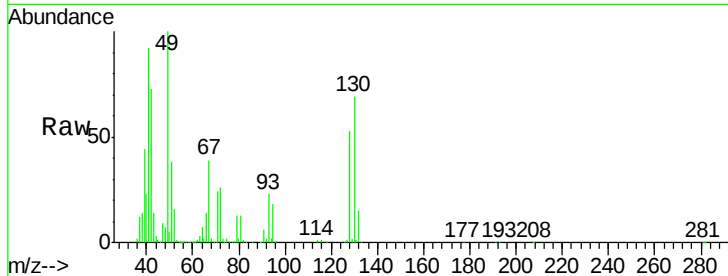
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

300000

250000

200000

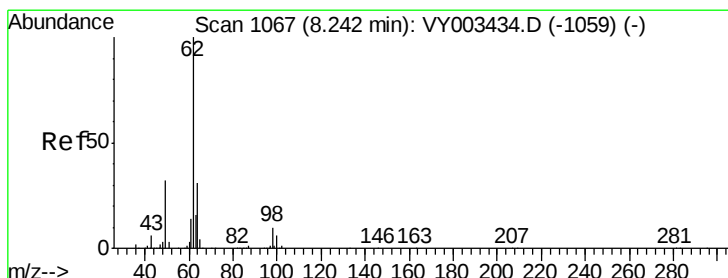
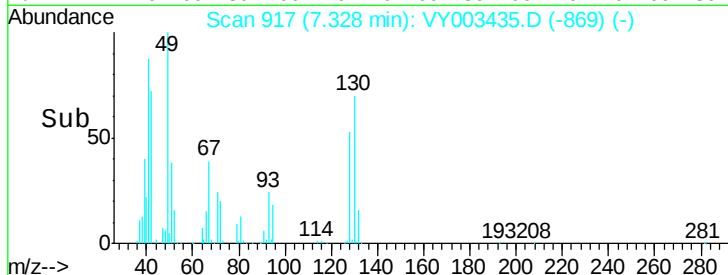
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 97.651 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003435.D

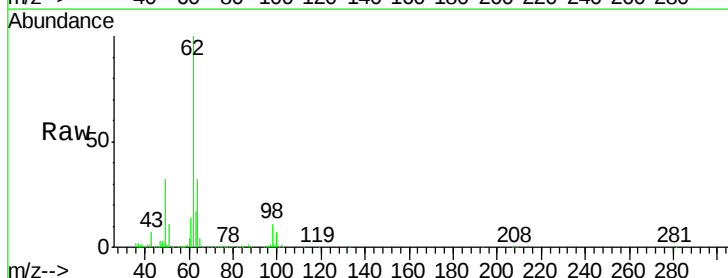
Acq: 04 Sep 2020 16:27

Tgt Ion: 62 Resp: 792152

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

400000

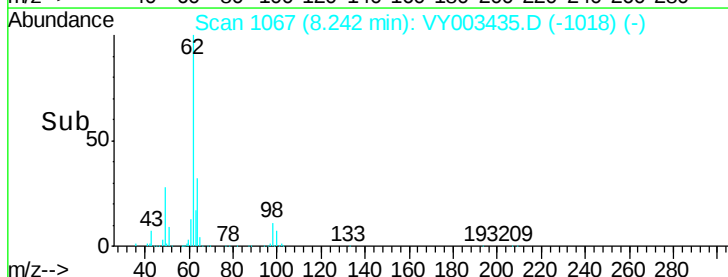
300000

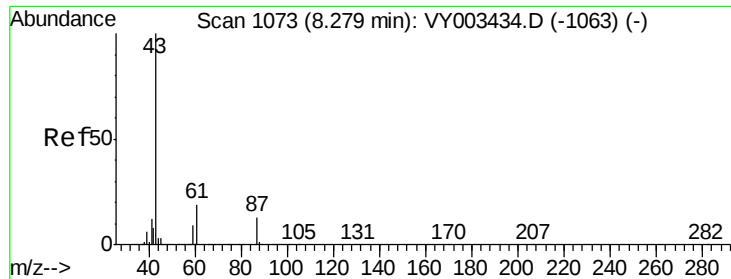
200000

100000

0

Time-->





#43

Isopropyl Acetate

Concen: 103.160 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

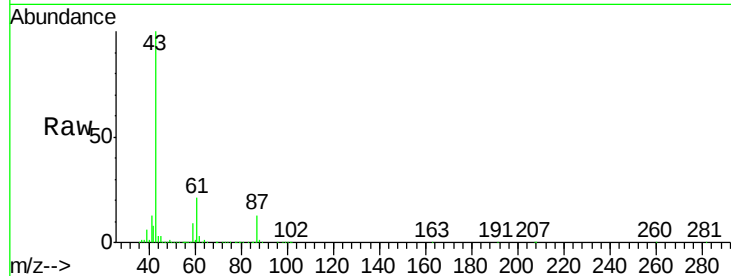
Tot Ion: 43 Resp: 1208410

Ion Ratio Lower Upper

43 100

61 28.2 22.8 34.2

87 12.7 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VY003435.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003435.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003435.D (-1063) (-)

8.28

600000

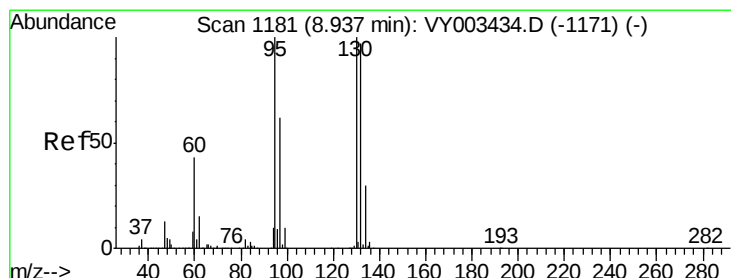
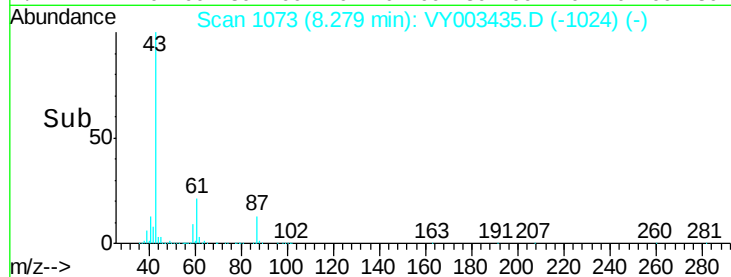
400000

200000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 95.800 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VY003435.D

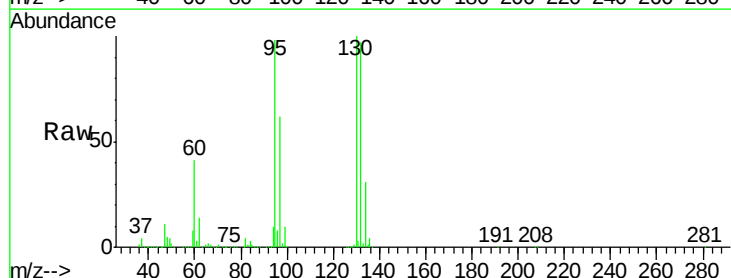
Acq: 04 Sep 2020 16:27

Tgt Ion: 130 Resp: 778225

Ion Ratio Lower Upper

130 100

95 98.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VY003435.D (-1132) (-)

Ion 94.90 (94.60 to 95.60): VY003435.D (-1132) (-)

8.94

400000

300000

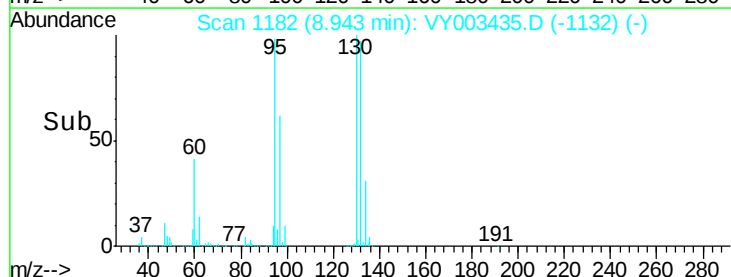
200000

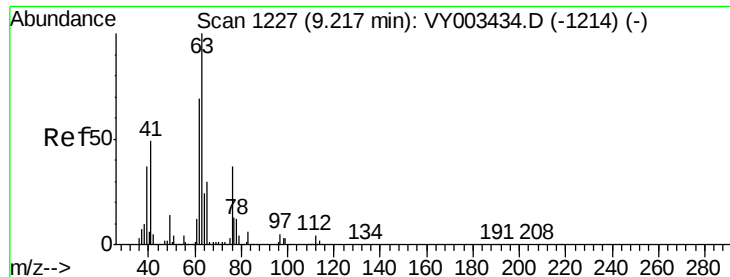
100000

0

8.80 8.90 9.00 9.10

Time-->





#45

1,2-Dichloropropane

Concen: 96.738 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

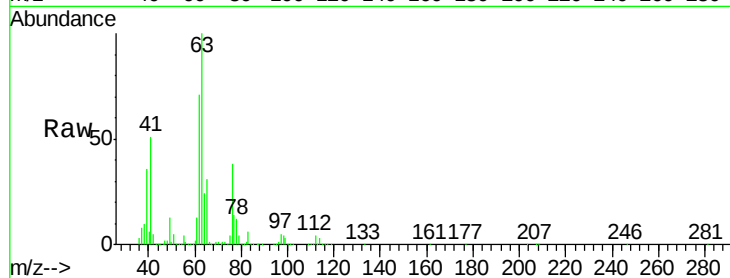
VSTDIC100

Tot Ion: 63 Resp: 756811

Ion Ratio Lower Upper

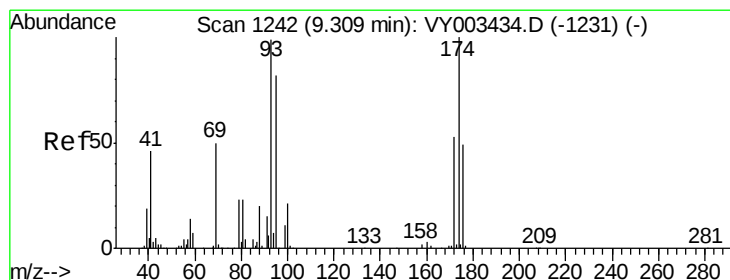
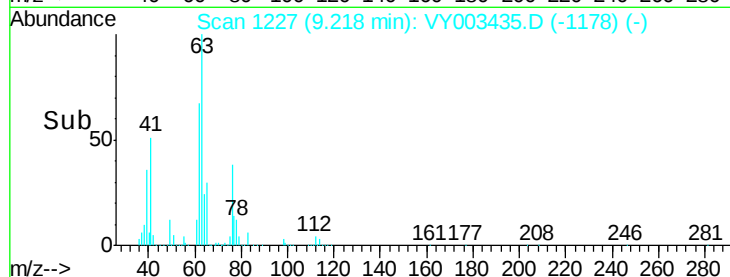
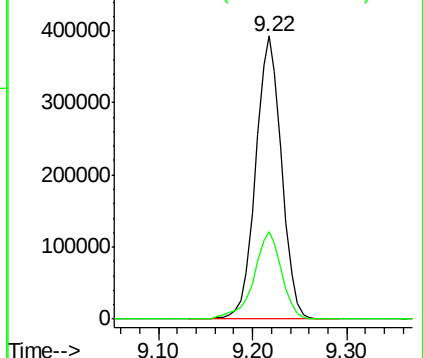
63 100

65 30.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 98.259 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

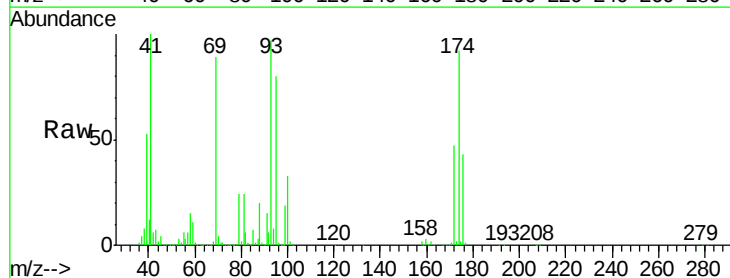
Tgt Ion: 93 Resp: 402751

Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

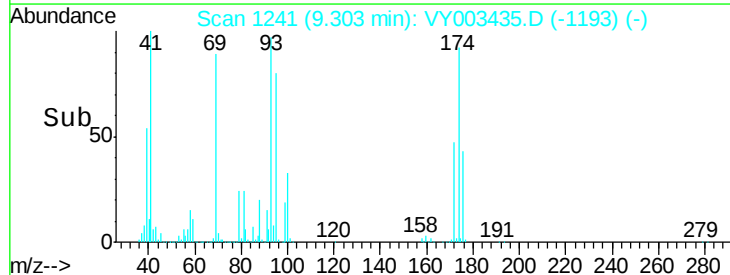
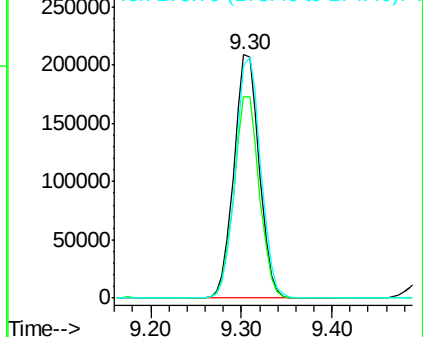
174 99.2 80.4 120.6

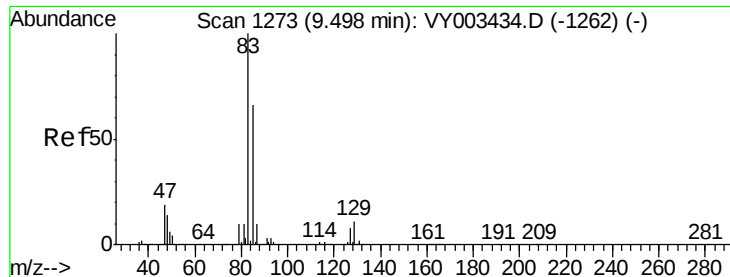


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 99.305 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

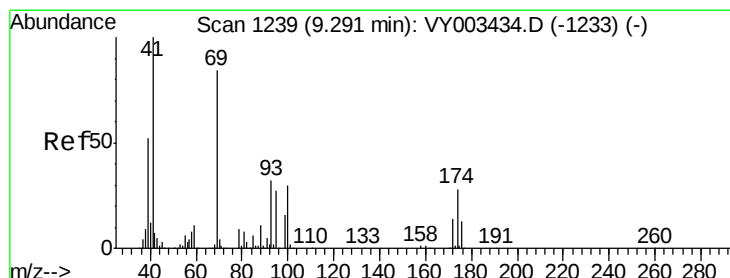
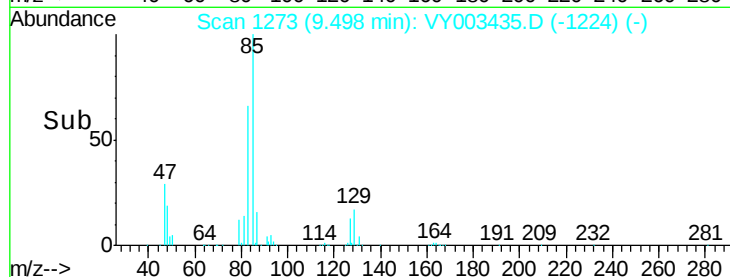
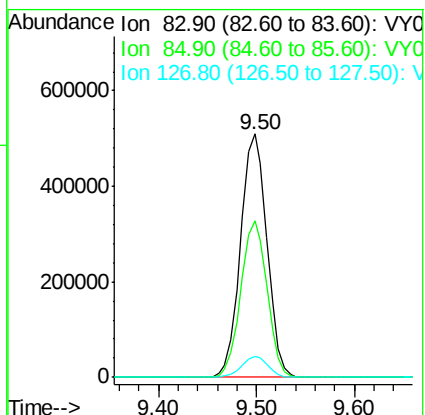
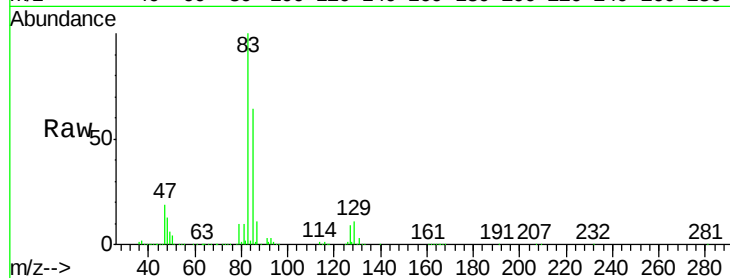
Tot Ion: 83 Resp: 950931

Ion Ratio Lower Upper

83 100

85 64.1 52.6 79.0

127 8.5 6.5 9.7



#48

Methyl methacrylate

Concen: 102.379 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

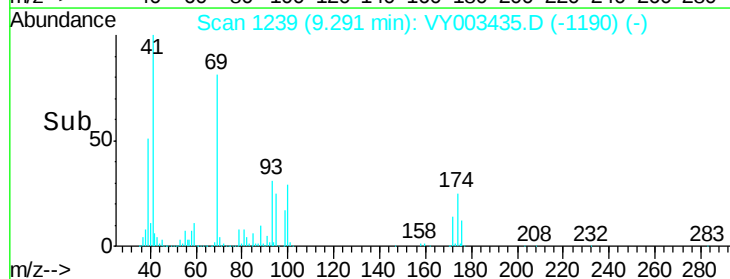
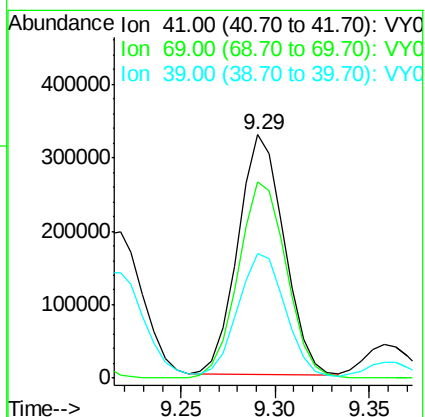
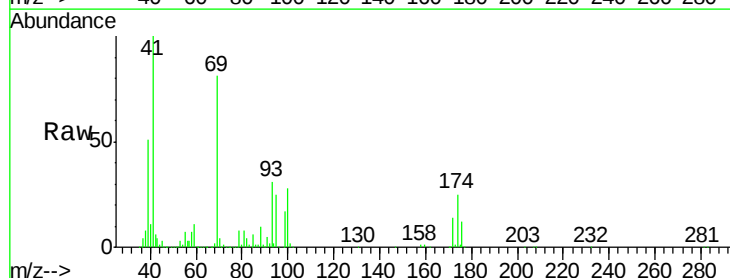
Tgt Ion: 41 Resp: 555159

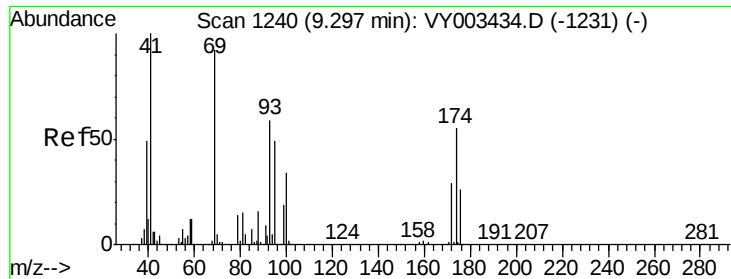
Ion Ratio Lower Upper

41 100

69 85.5 68.8 103.2

39 51.8 43.0 64.4

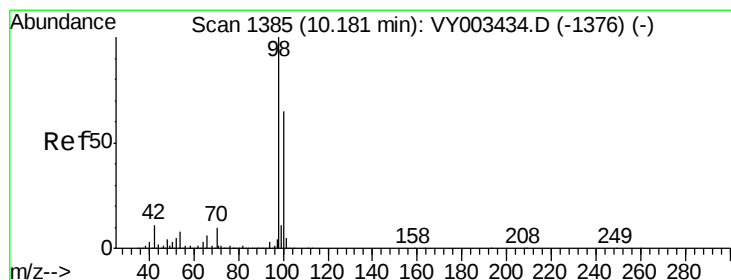
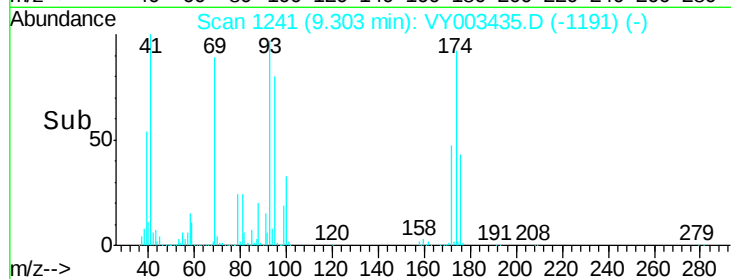
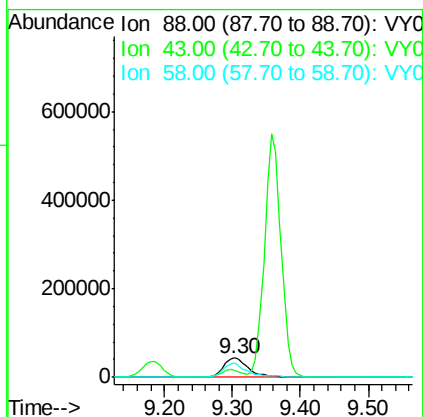
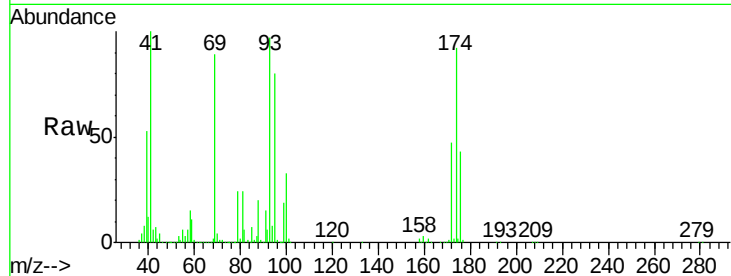




#49
1,4-Dioxane
Concen: 2059.055 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

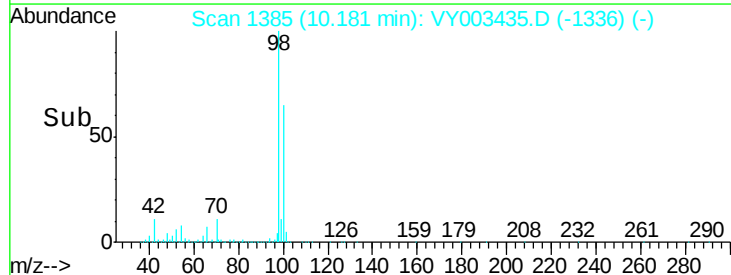
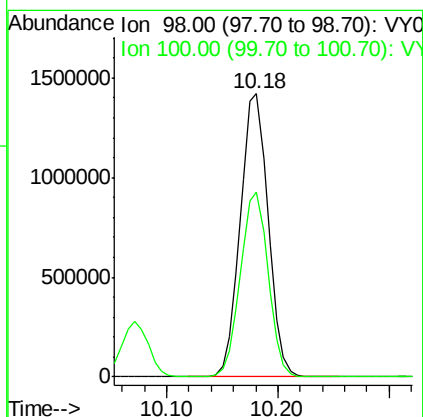
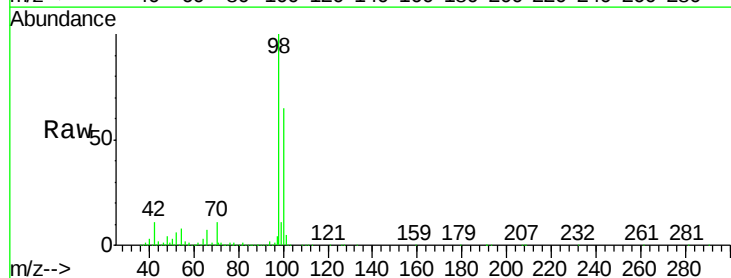
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

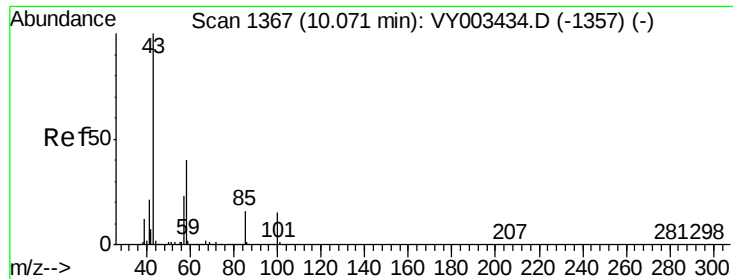
Tot Ion: 88 Resp: 116484
Ion Ratio Lower Upper
88 100
43 29.5 24.7 37.1
58 72.4 60.2 90.4



#50
Toluene-d8
Concen: 97.633 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 98 Resp: 2472800
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

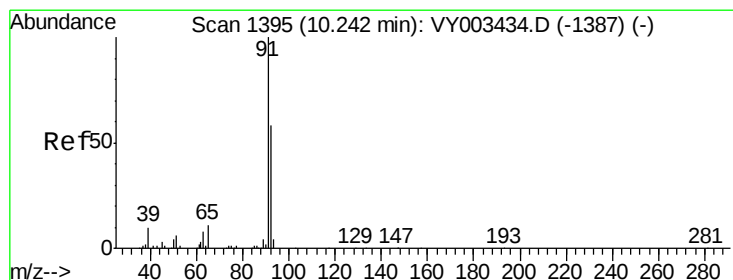
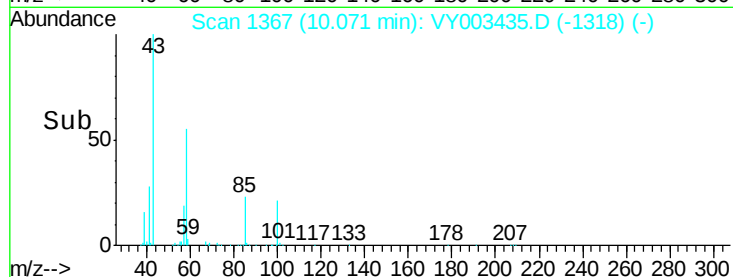
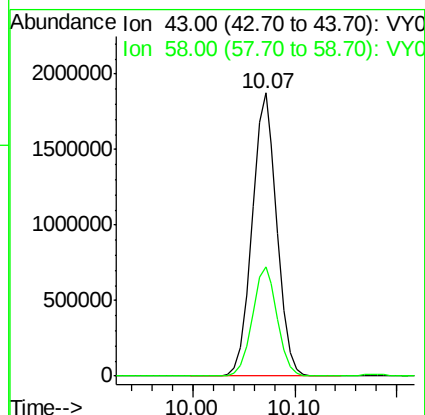
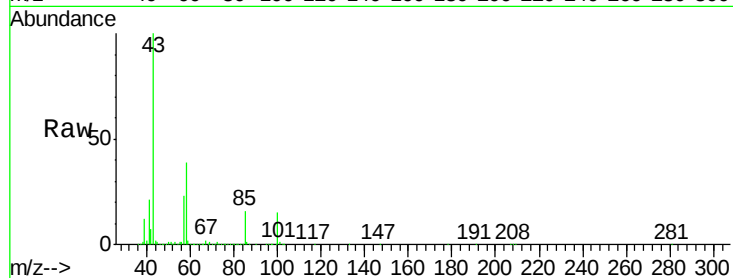




#51
4-Methyl-2-Pentanone
Concen: 494.172 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

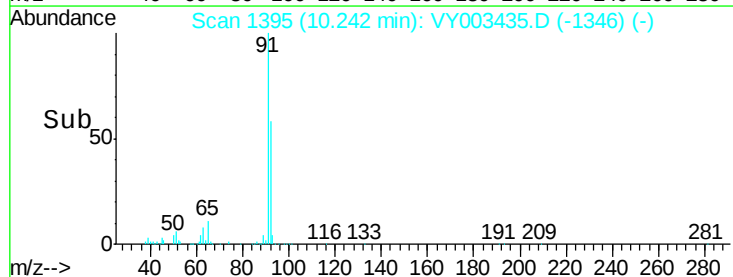
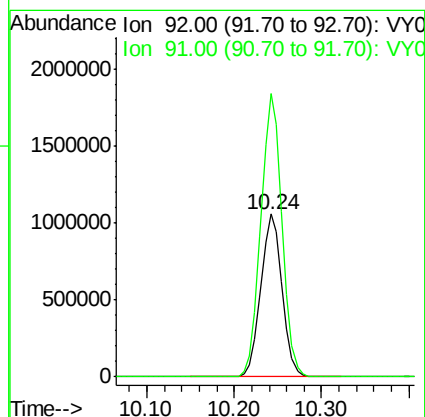
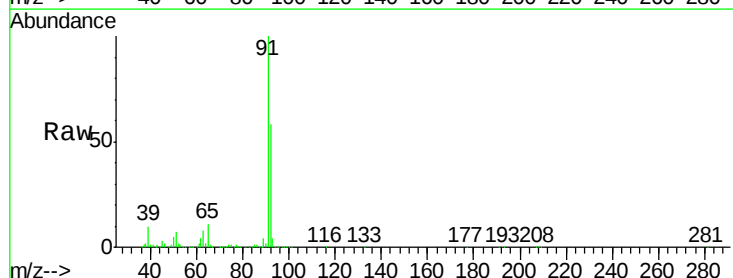
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

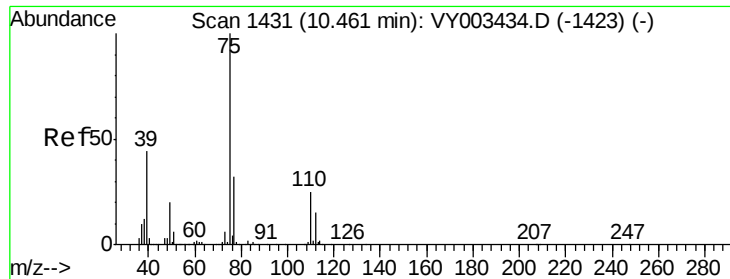
Tot Ion: 43 Resp: 3146384
Ion Ratio Lower Upper
43 100
58 38.9 31.3 46.9



#52
Toluene
Concen: 96.015 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 92 Resp: 1768777
Ion Ratio Lower Upper
92 100
91 174.0 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 100.764 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

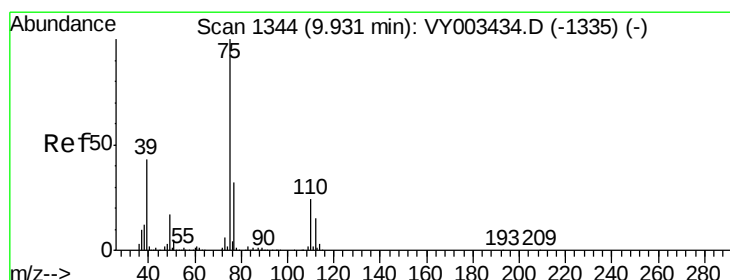
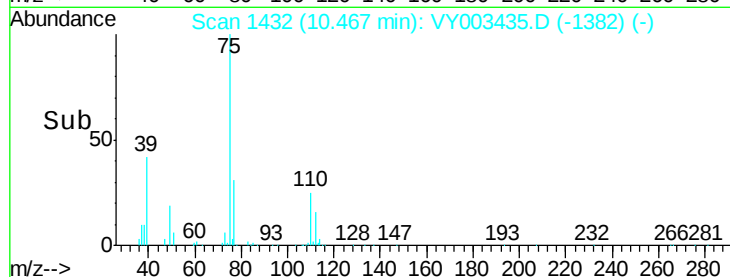
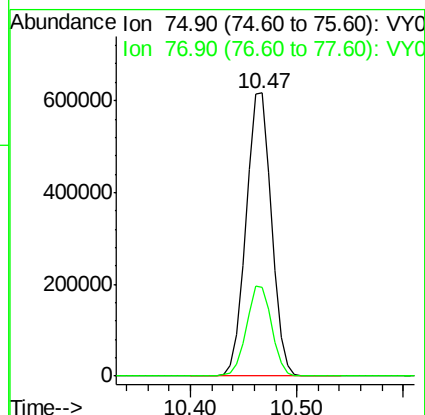
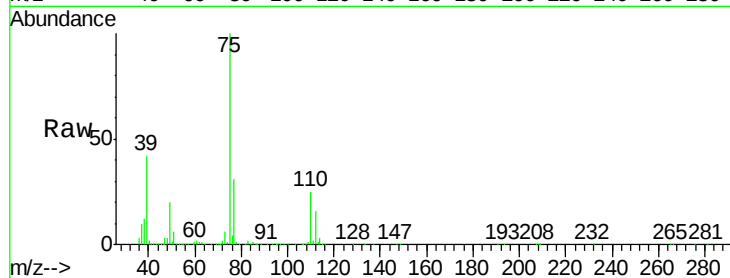
VSTDIC100

Tot Ion: 75 Resp: 1036495

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 98.671 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

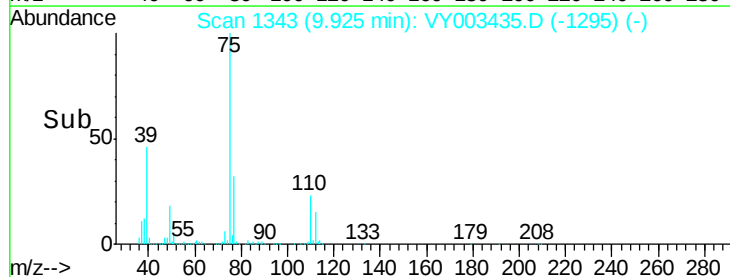
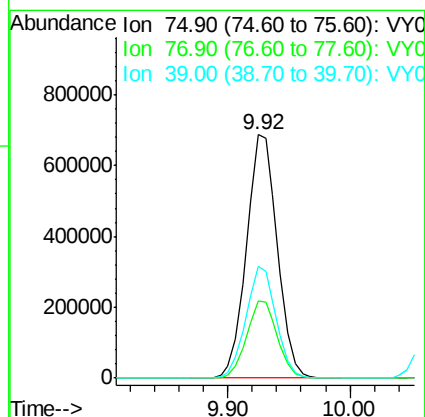
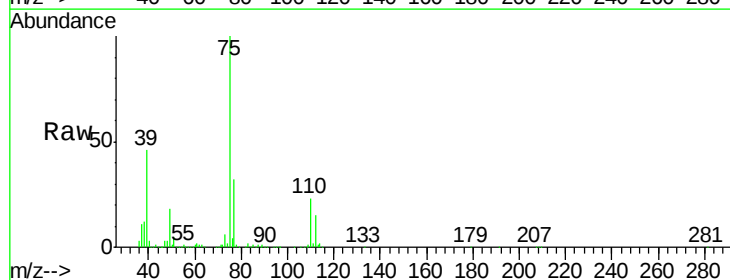
Tgt Ion: 75 Resp: 1199538

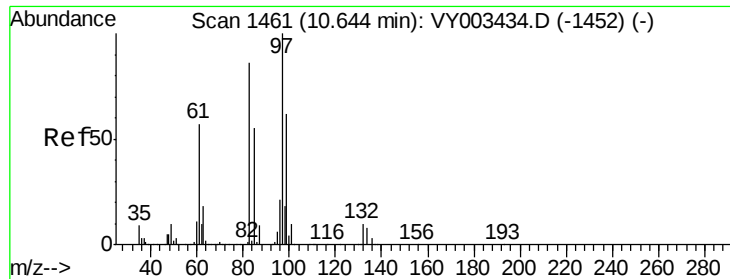
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 46.0 34.6 51.8

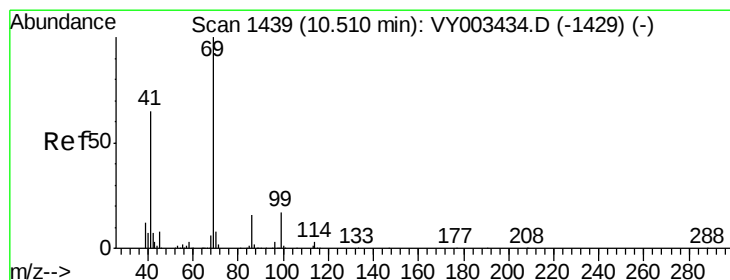
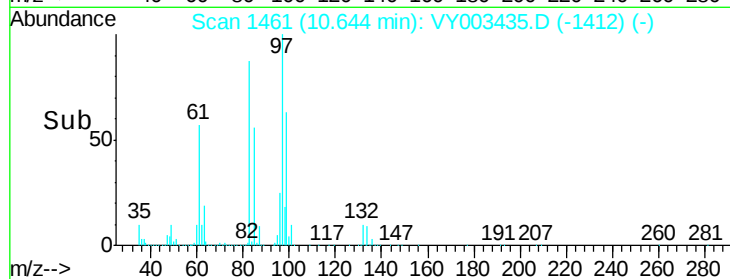
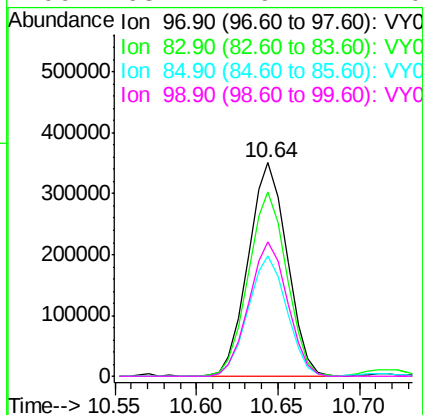
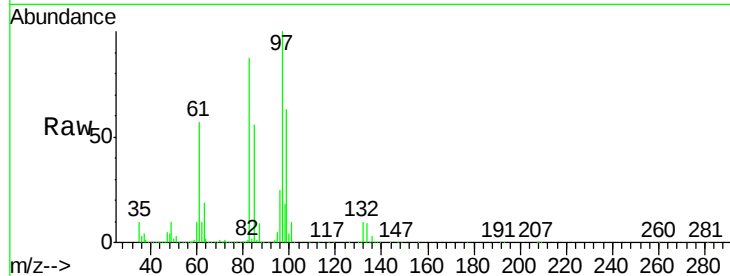




#55
 1,1,2-Trichloroethane
 Concen: 98.057 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

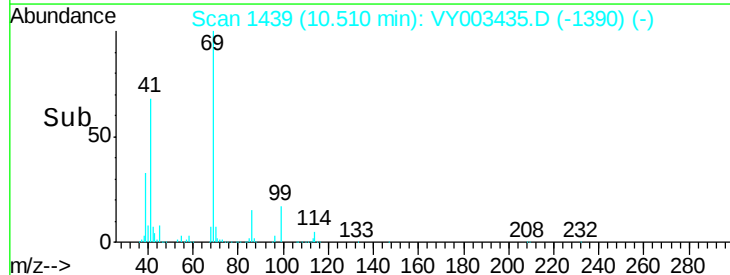
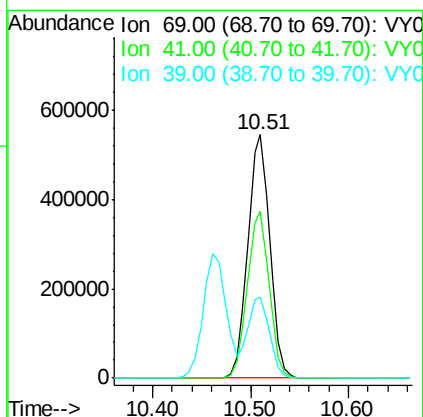
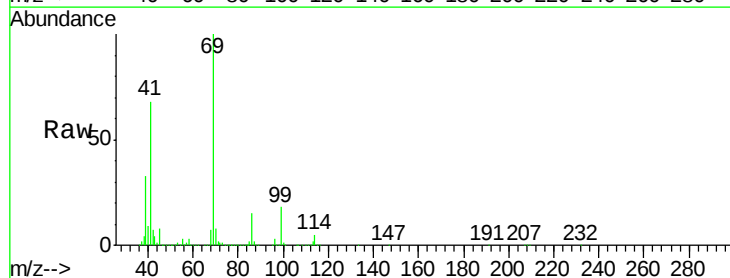
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

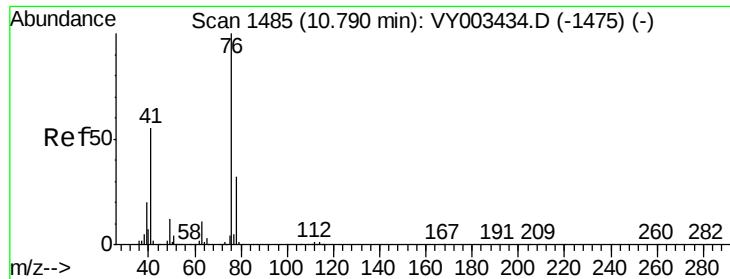
Tot Ion	97	Resp	583827
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.5	102.7
85	56.4	43.9	65.9
99	63.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 105.720 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion	69	Resp	851281
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.2	79.8
39	33.6	25.9	38.9





#57

1,3-Dichloropropane

Concen: 97.195 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

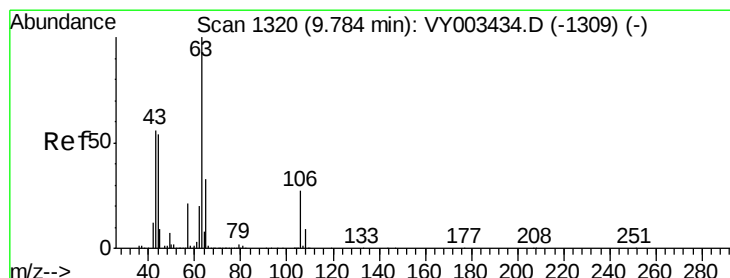
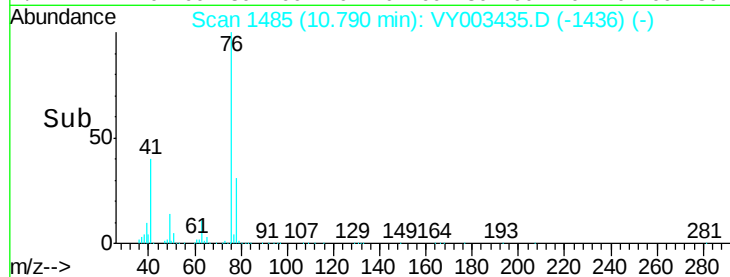
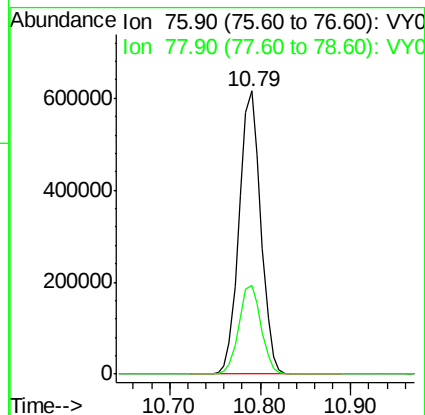
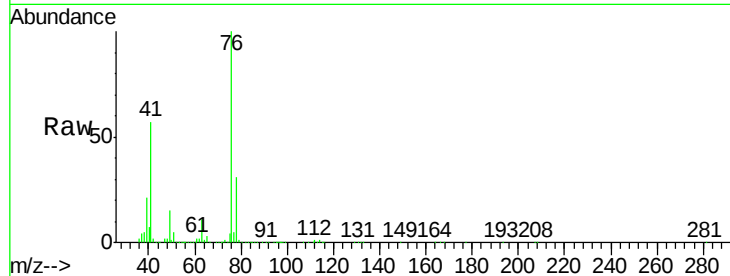
VSTDIC100

Tot Ion: 76 Resp: 1015498

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 513.232 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003435.D

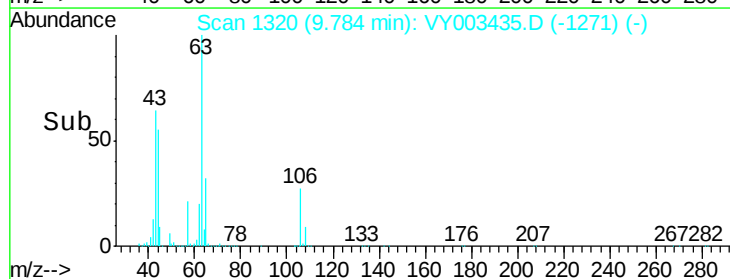
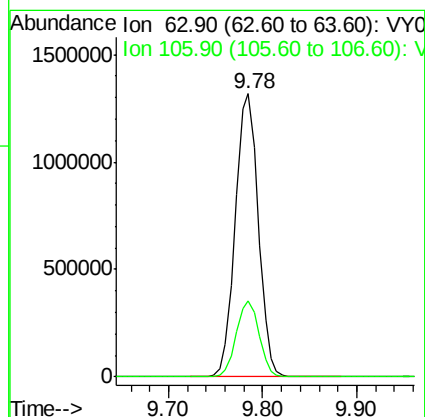
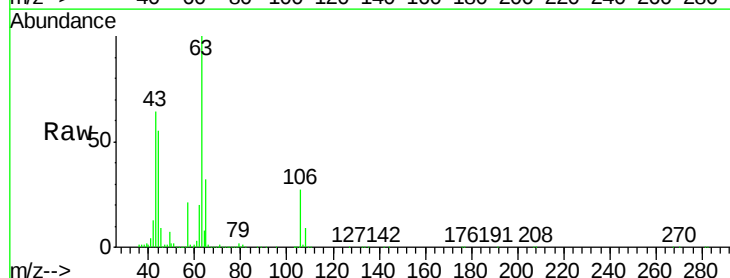
Acq: 04 Sep 2020 16:27

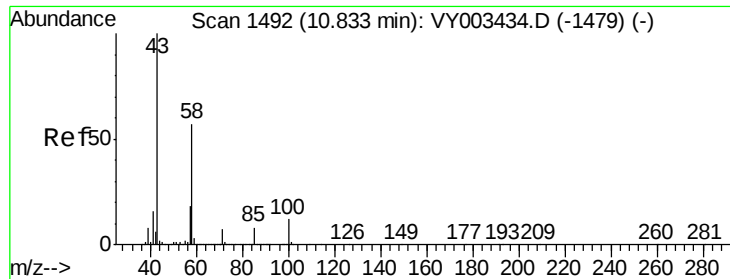
Tgt Ion: 63 Resp: 2231766

Ion Ratio Lower Upper

63 100

106 26.6 21.5 32.3

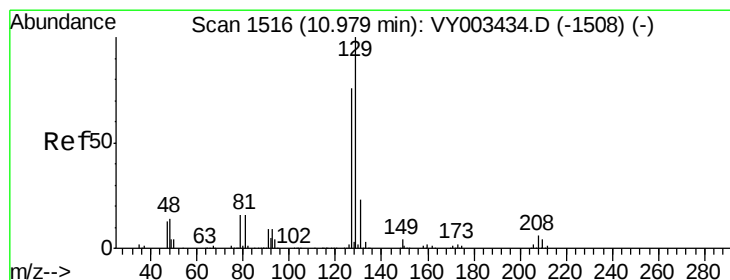
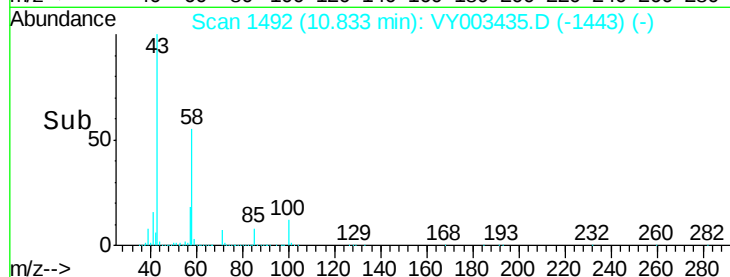
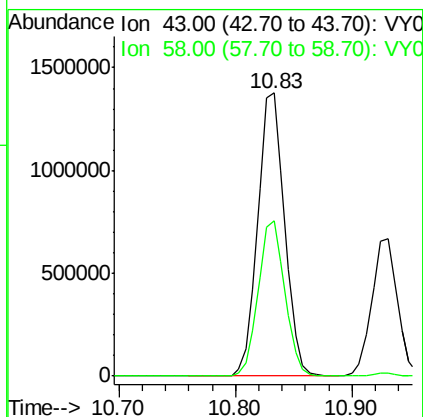
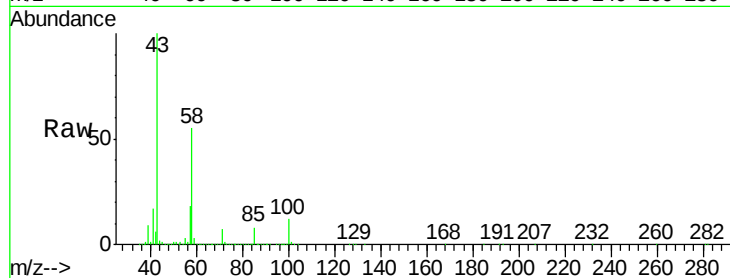




#59
2-Hexanone
Concen: 508.078 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

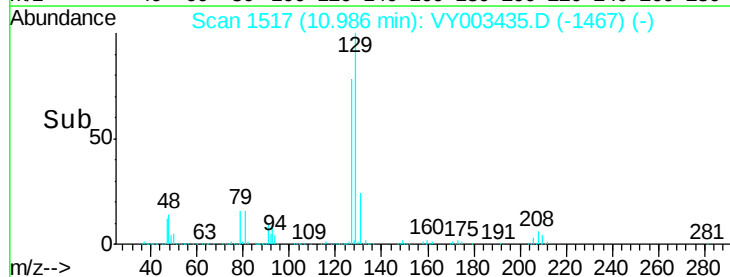
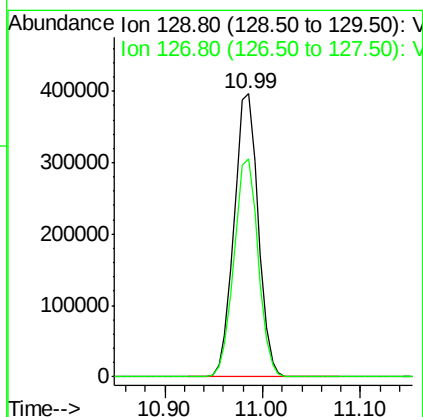
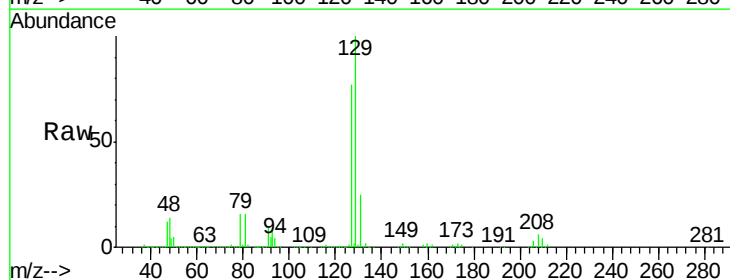
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

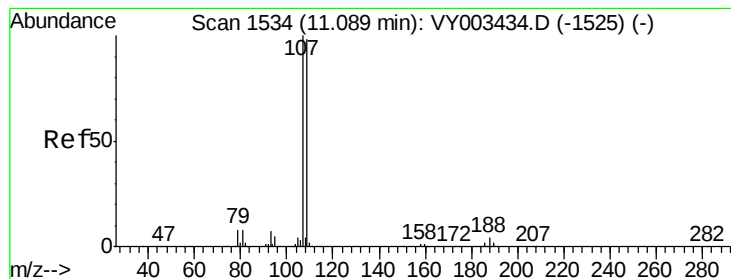
Tot Ion: 43 Resp: 2203920
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.3



#60
Dibromochloromethane
Concen: 101.236 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion: 129 Resp: 681077
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 99.167 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

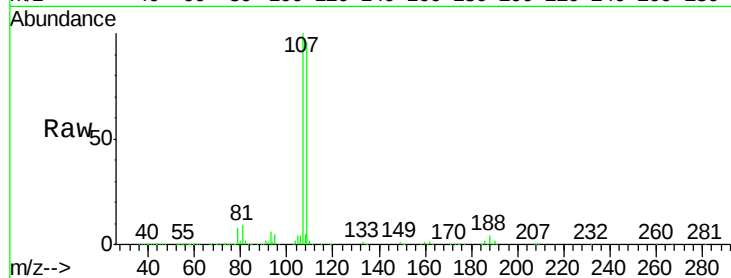
VSTDIC100

Tot Ion: 107 Resp: 553433

Ion Ratio Lower Upper

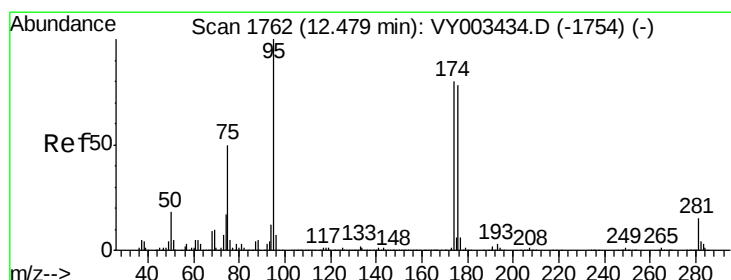
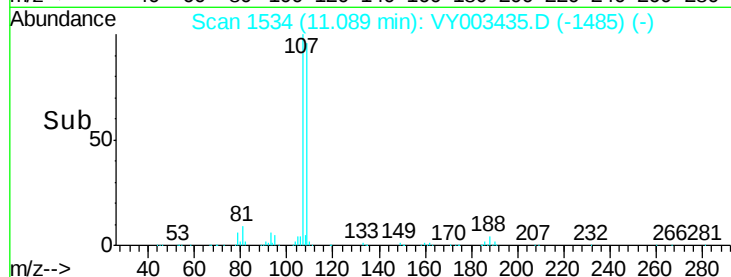
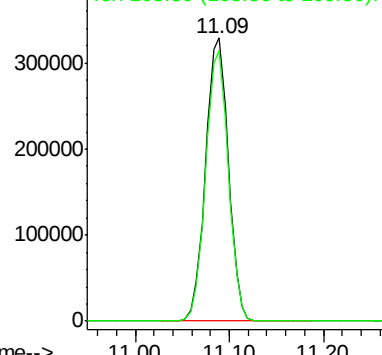
107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 97.953 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

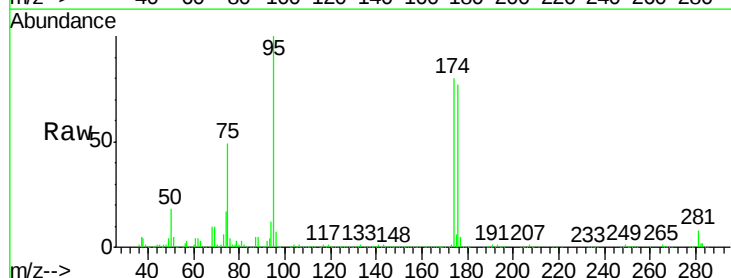
Tgt Ion: 95 Resp: 837081

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

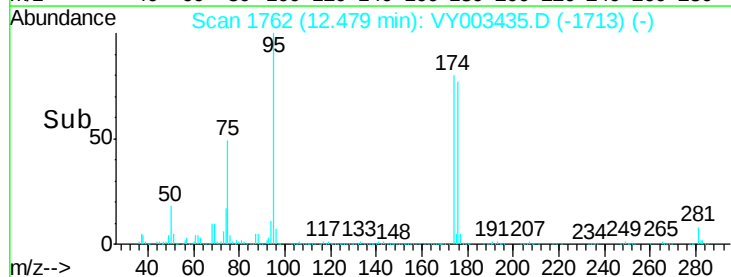
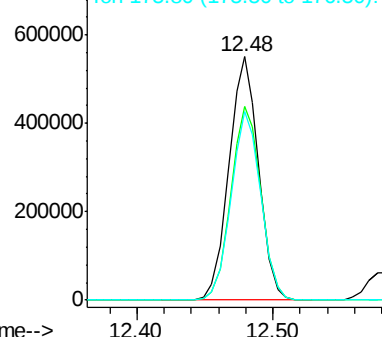
176 77.8 0.0 157.6

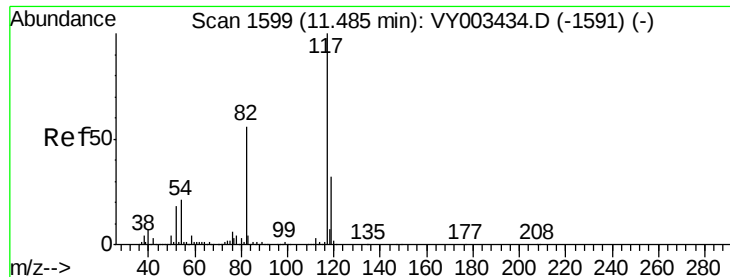


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

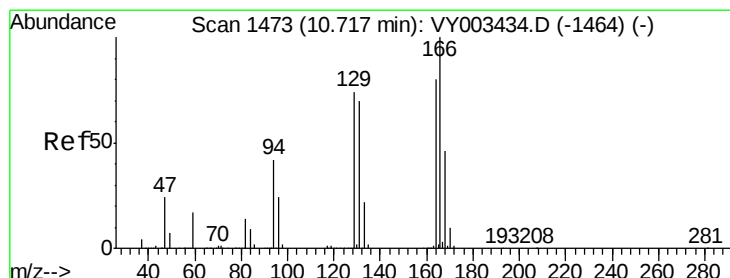
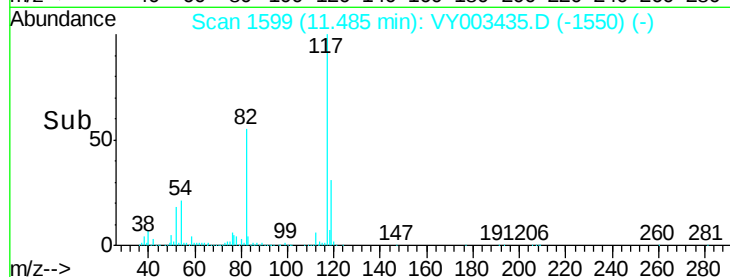
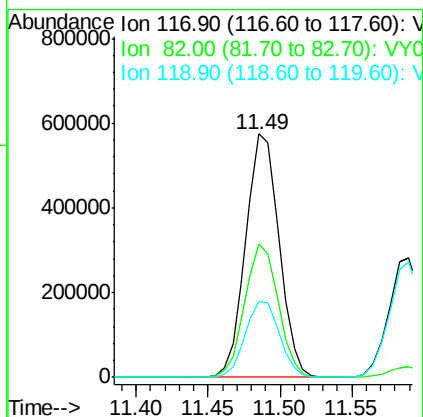
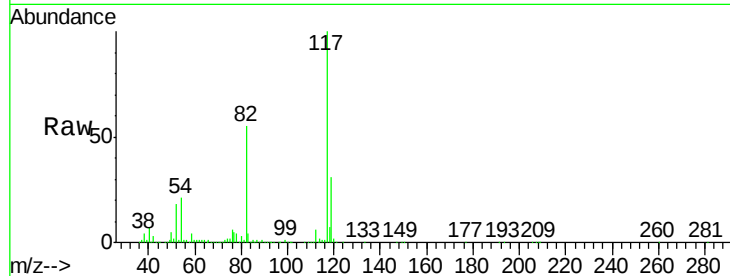




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

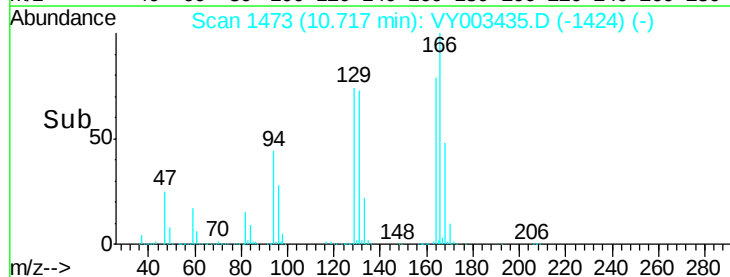
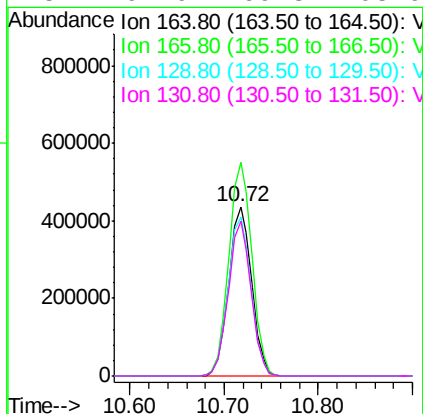
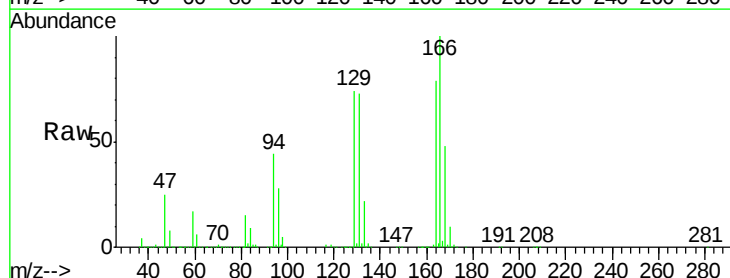
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

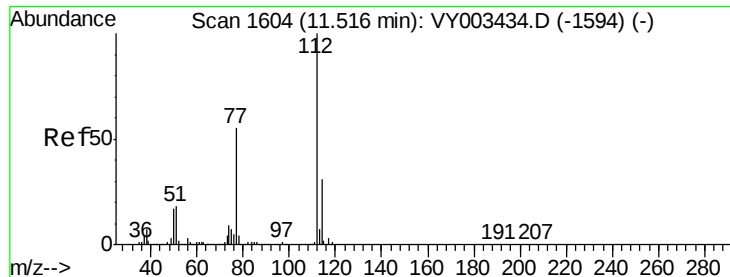
Tot Ion:117 Resp: 924556
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 94.370 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion:164 Resp: 737521
Ion Ratio Lower Upper
164 100
166 126.3 99.4 149.2
129 94.0 73.8 110.8
131 91.9 69.3 103.9





#65

Chlorobenzene

Concen: 96.249 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

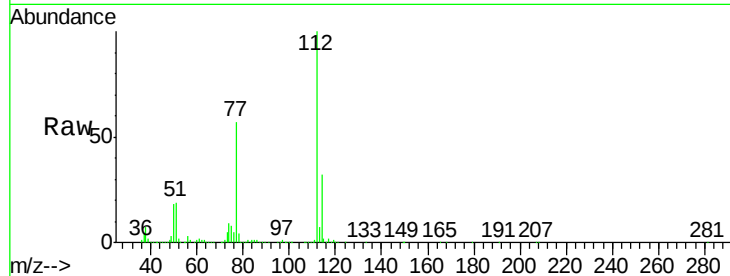
VSTDIC100

Tot Ion:112 Resp: 1868639

Ion Ratio Lower Upper

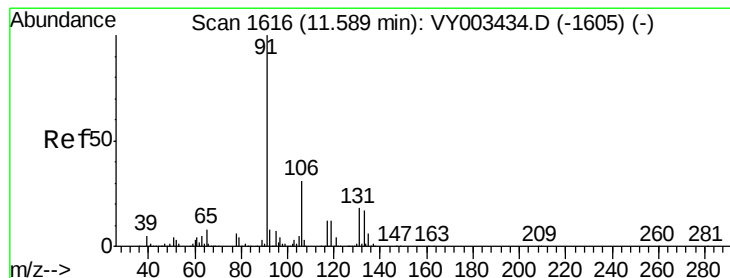
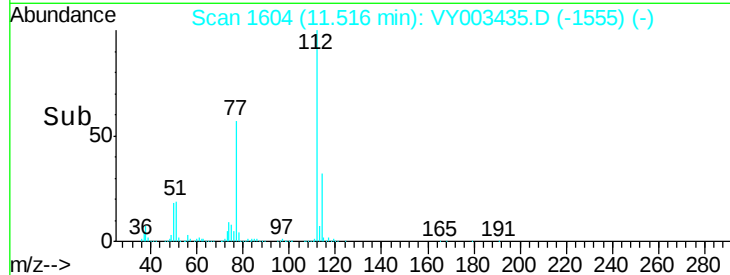
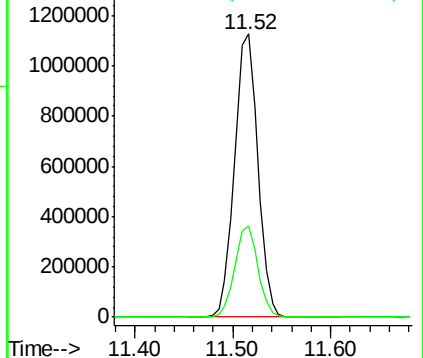
112 100

114 32.3 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 98.838 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

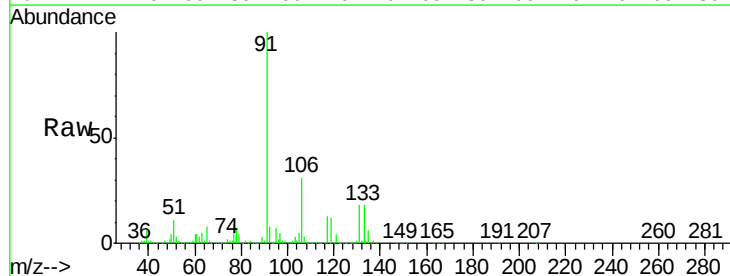
Tgt Ion:131 Resp: 667526

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.3

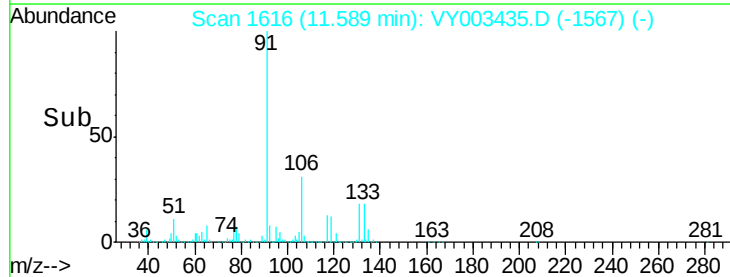
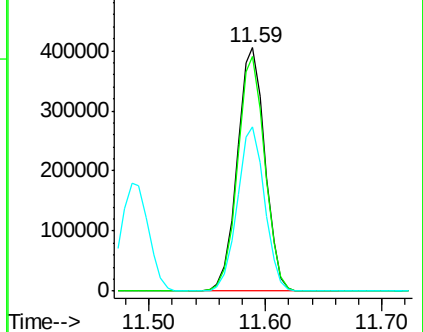
119 66.9 34.3 102.9

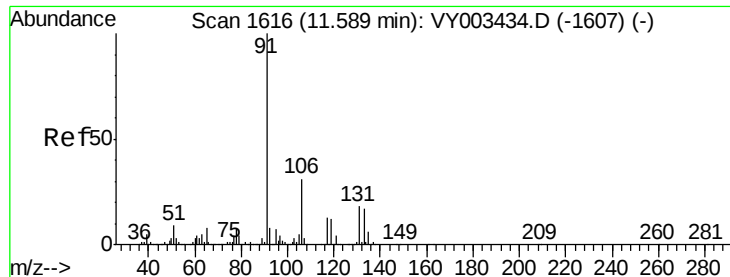


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 96.875 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

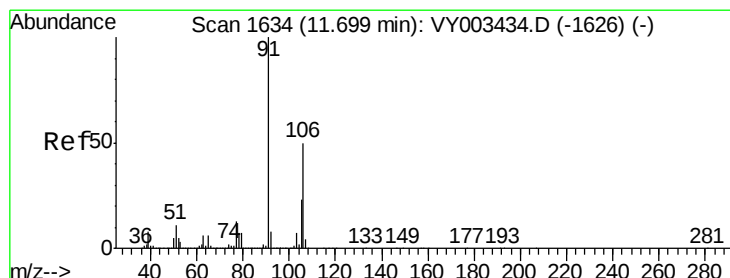
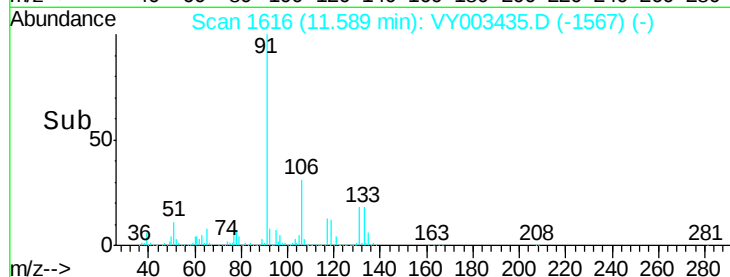
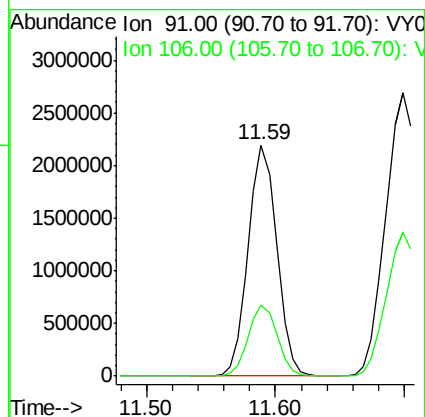
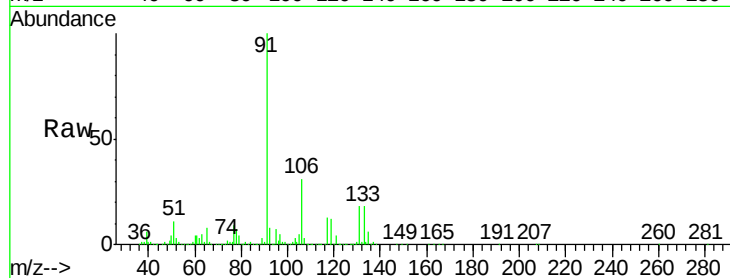
VSTDIC100

Tot Ion: 91 Resp: 3363668

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 190.995 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003435.D

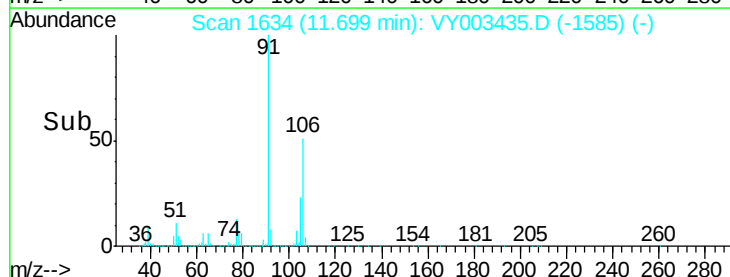
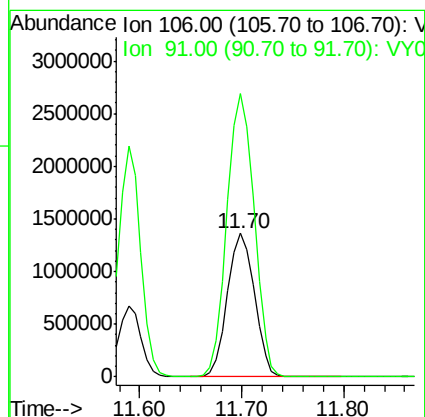
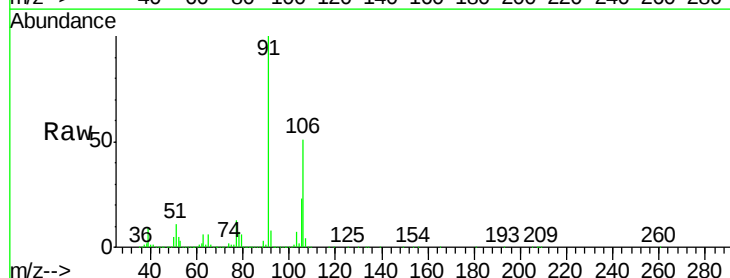
Acq: 04 Sep 2020 16:27

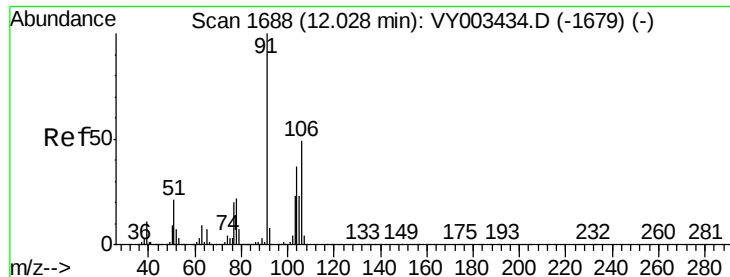
Tgt Ion: 106 Resp: 2502177

Ion Ratio Lower Upper

106 100

91 199.1 159.5 239.3

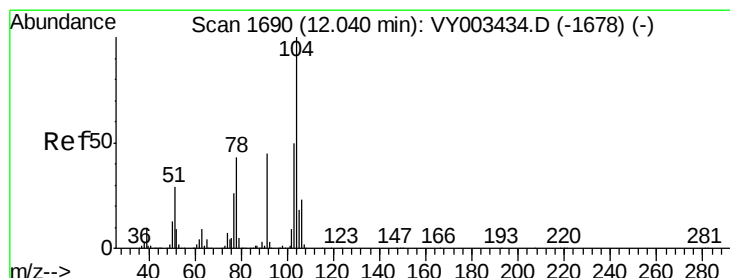
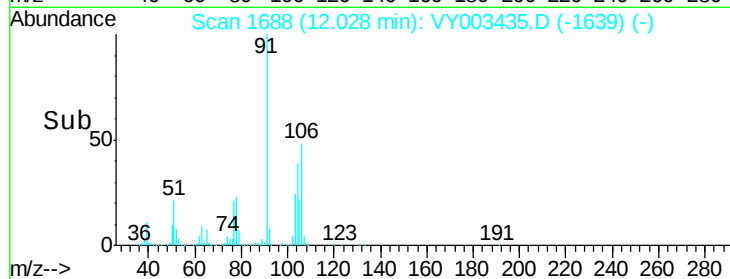
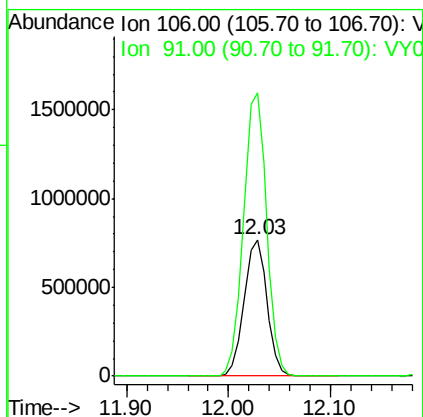
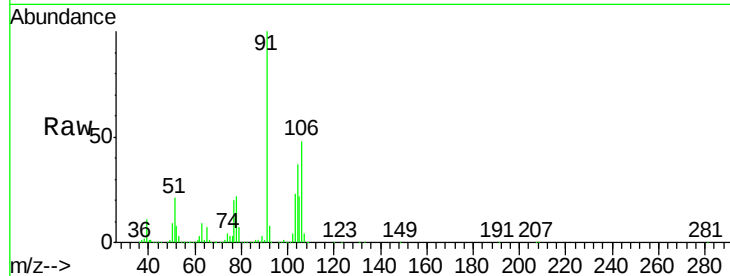




#69
o-Xylene
Concen: 96.630 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

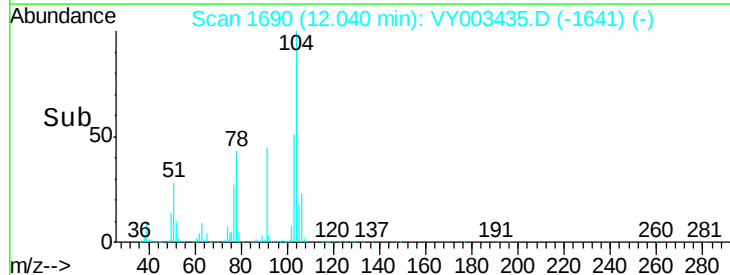
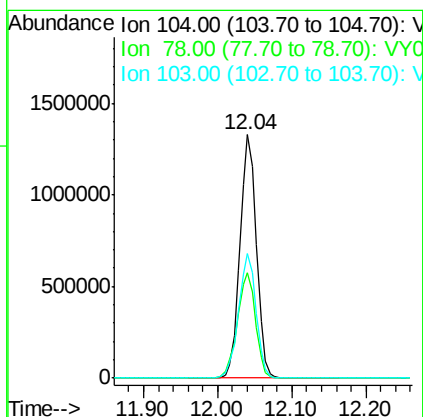
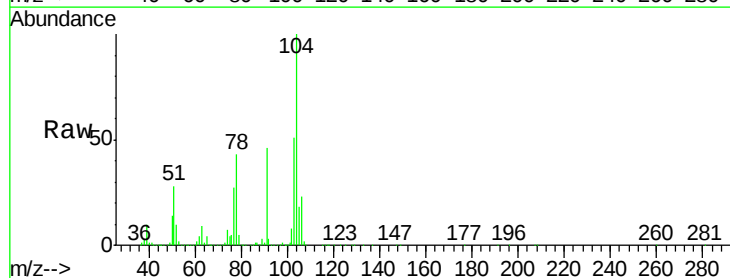
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

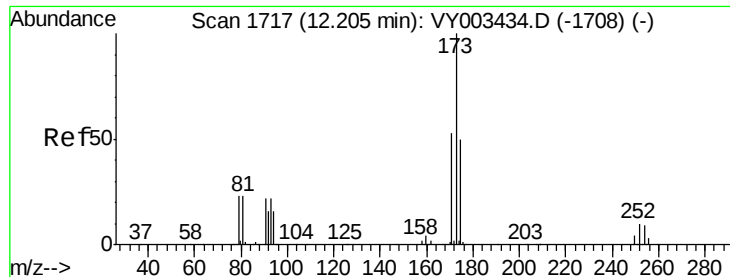
Tot Ion:106 Resp: 1194349
Ion Ratio Lower Upper
106 100
91 209.6 104.7 313.9



#70
Styrene
Concen: 100.858 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003435.D
Acq: 04 Sep 2020 16:27

Tgt Ion:104 Resp: 2058521
Ion Ratio Lower Upper
104 100
78 47.5 38.1 57.1
103 54.6 43.8 65.6





#71

Bromoform

Concen: 103.326 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

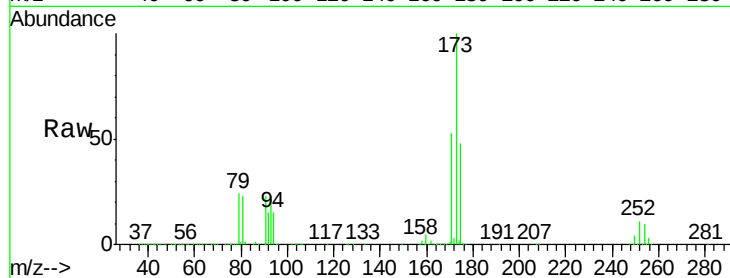
Tot Ion:173 Resp: 416454

Ion Ratio Lower Upper

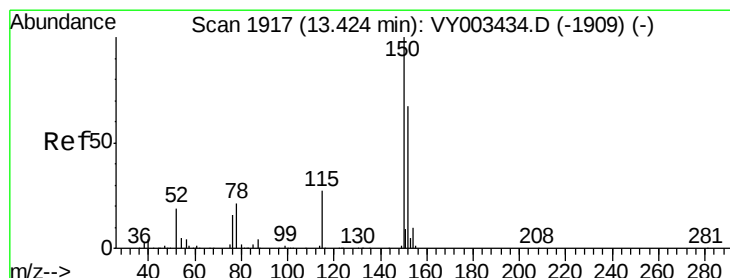
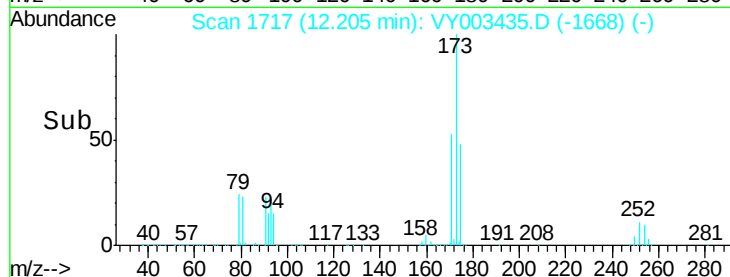
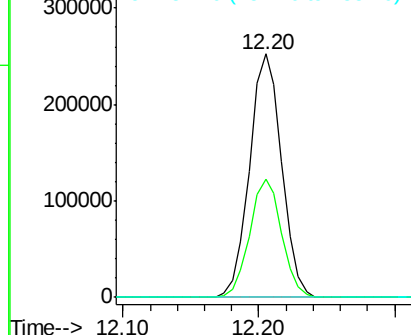
173 100

175 48.2 24.3 73.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

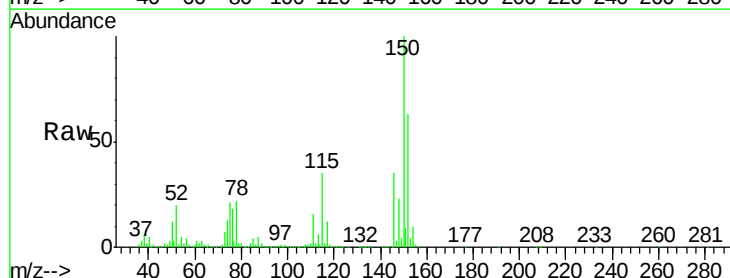
Tgt Ion:152 Resp: 433887

Ion Ratio Lower Upper

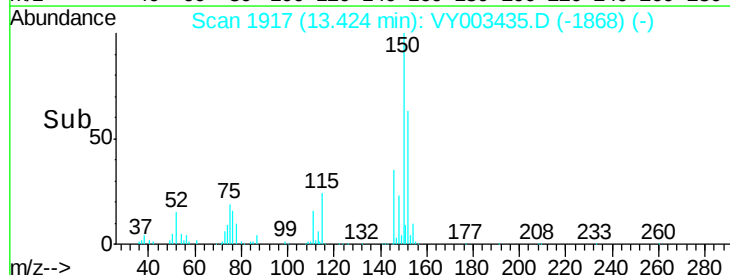
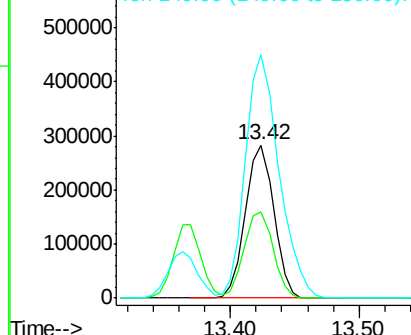
152 100

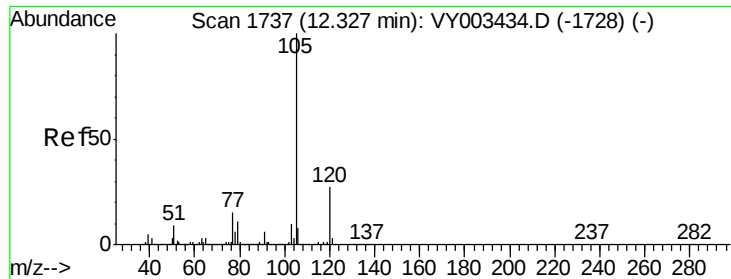
115 57.1 28.9 86.8

150 188.1 0.0 350.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.602 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

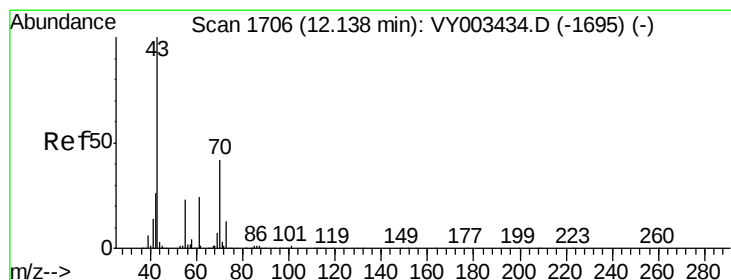
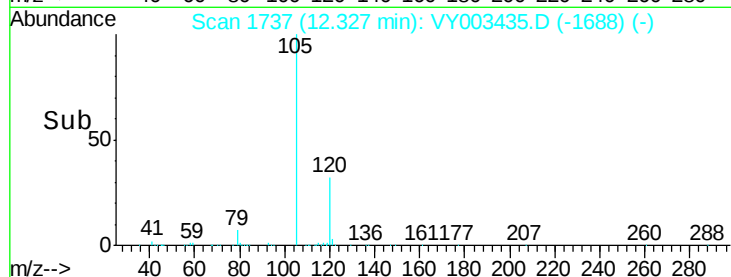
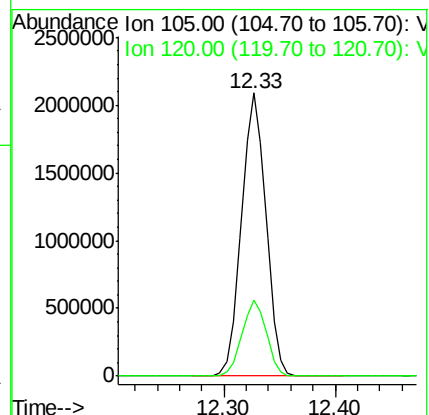
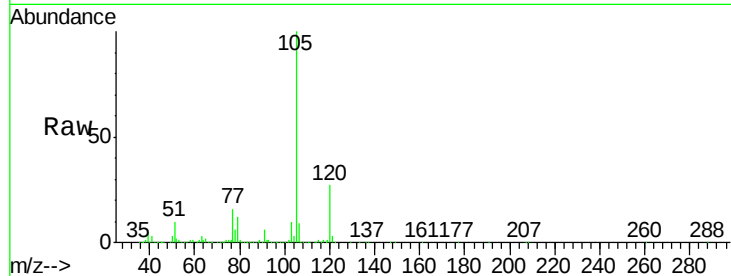
VSTDIC100

Tot Ion:105 Resp: 3176416

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 105.666 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Tgt Ion: 43 Resp: 1049718

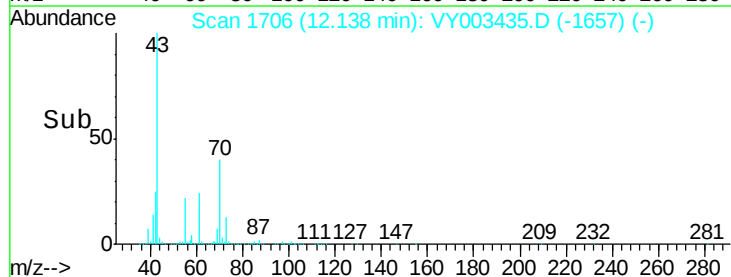
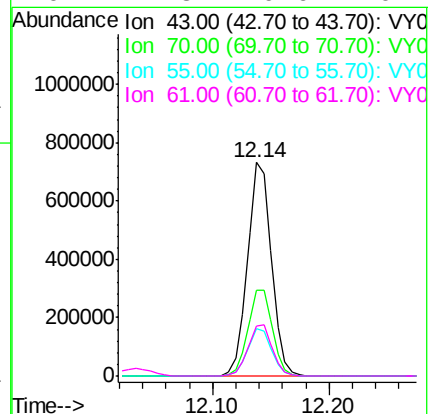
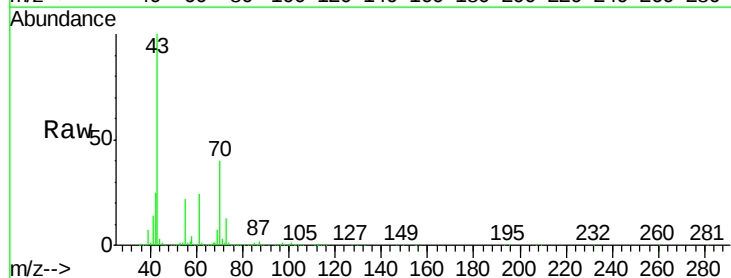
Ion Ratio Lower Upper

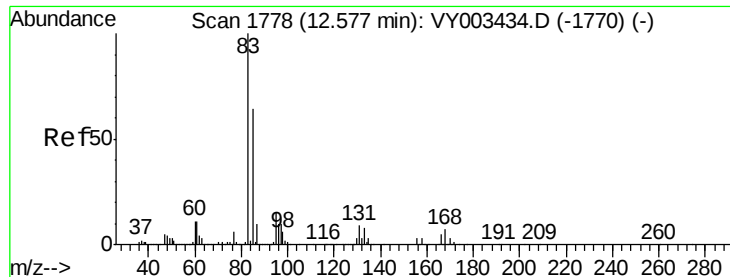
43 100

70 41.4 33.7 50.5

55 22.5 18.4 27.6

61 24.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 101.119 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

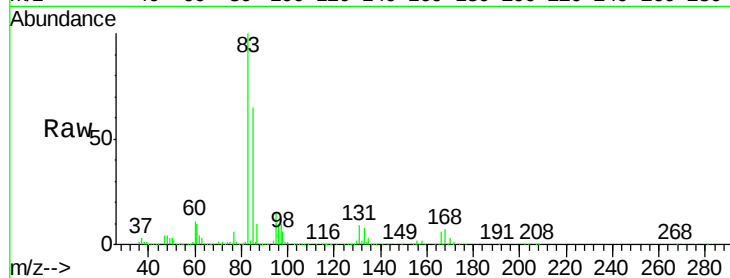
Tot Ion: 83 Resp: 662096

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

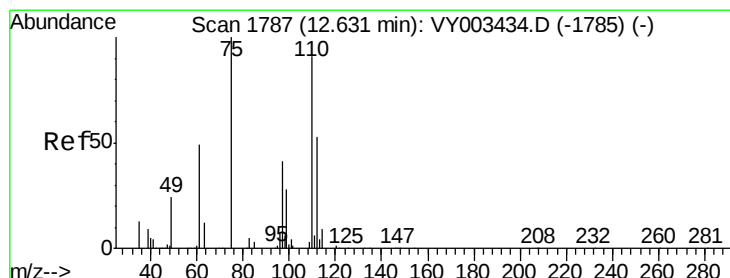
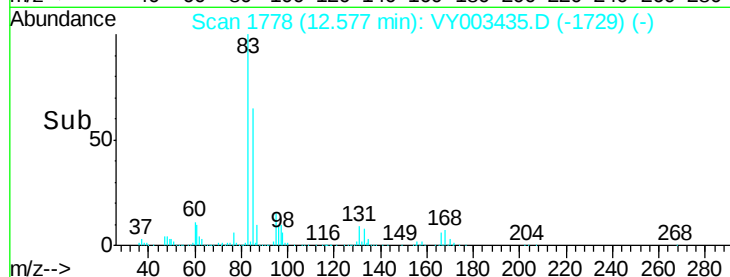
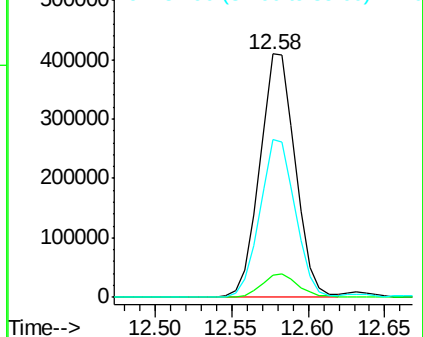
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 93.053 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003435.D

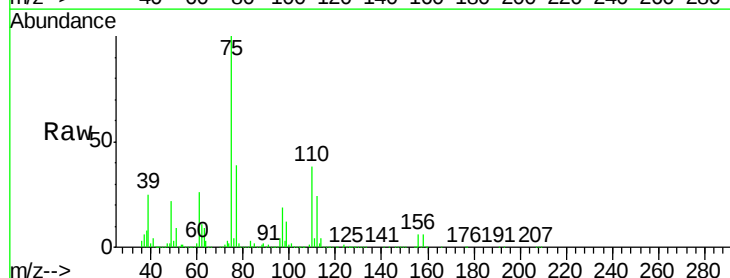
Acq: 04 Sep 2020 16:27

Tgt Ion: 75 Resp: 443188

Ion Ratio Lower Upper

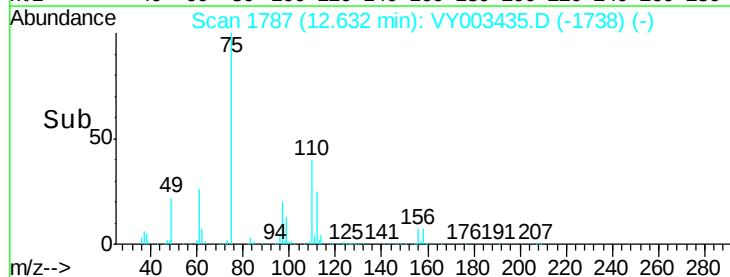
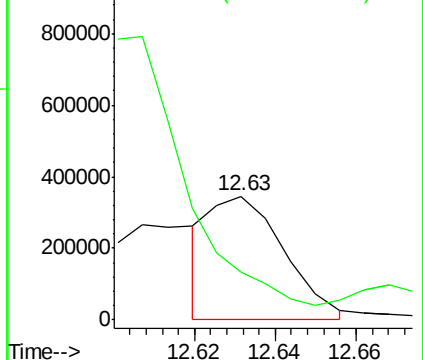
75 100

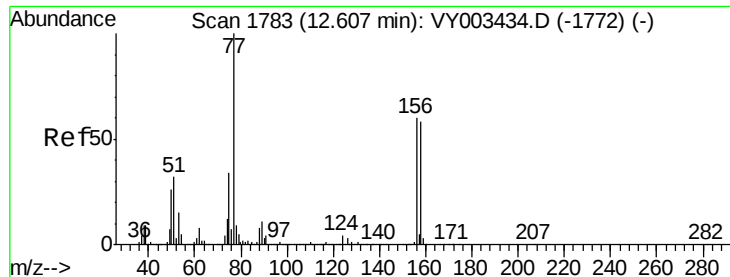
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 99.460 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

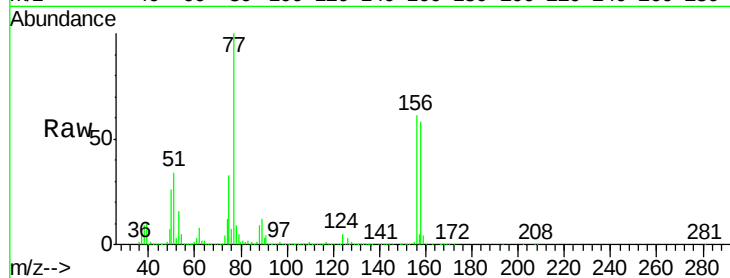
Tot Ion:156 Resp: 752912

Ion Ratio Lower Upper

156 100

77 192.1 96.7 290.1

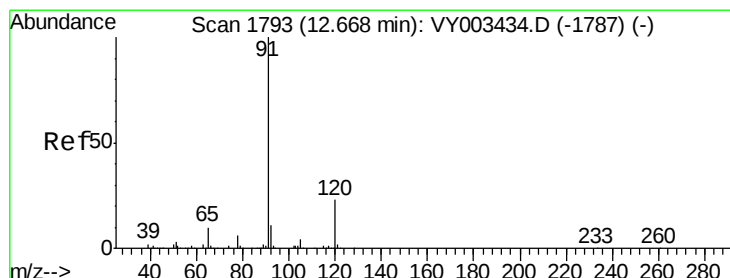
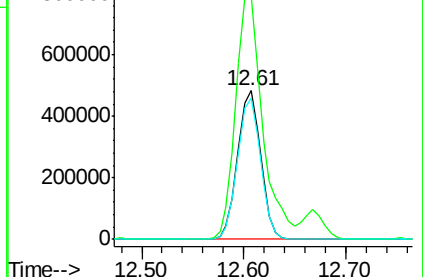
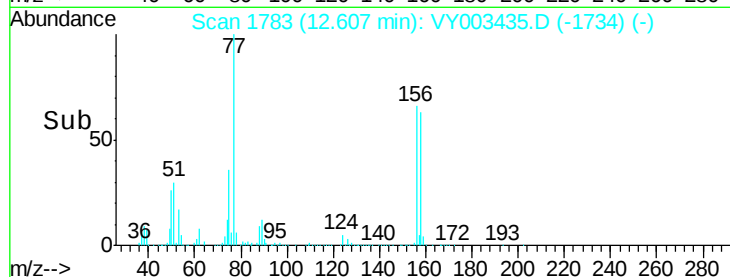
158 95.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.169 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003435.D

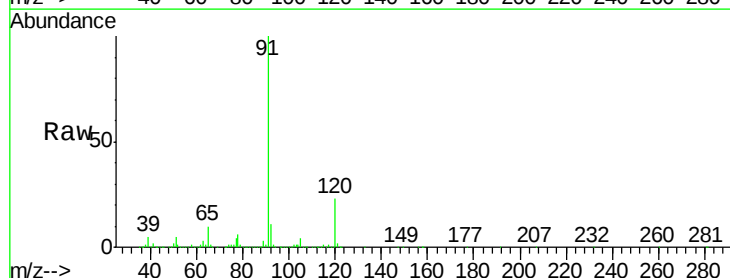
Acq: 04 Sep 2020 16:27

Tgt Ion: 91 Resp: 3780995

Ion Ratio Lower Upper

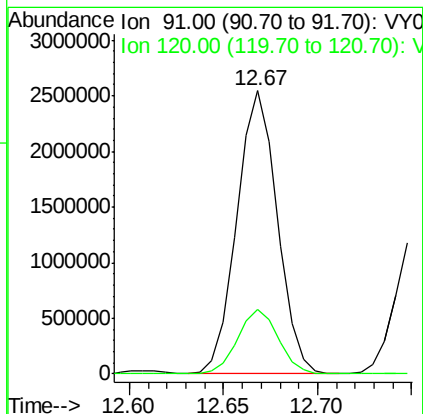
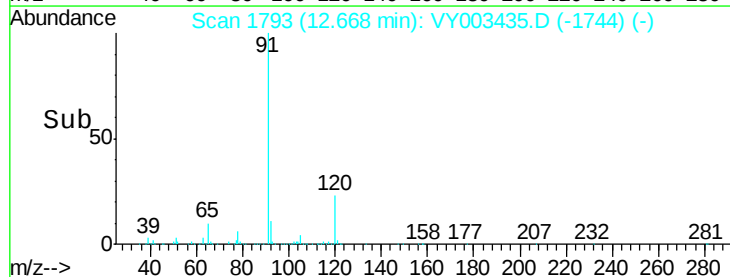
91 100

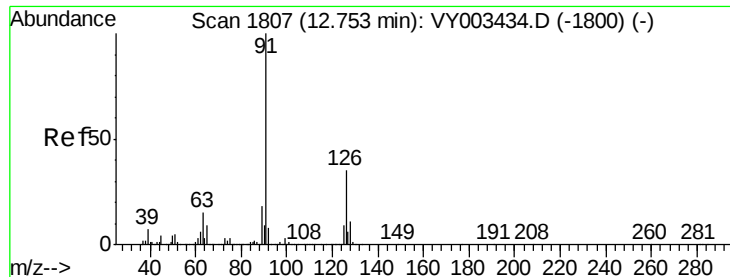
120 22.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

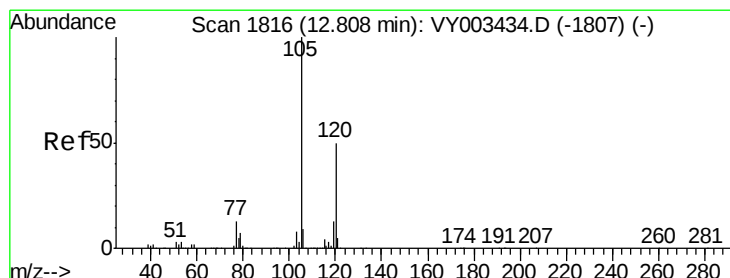
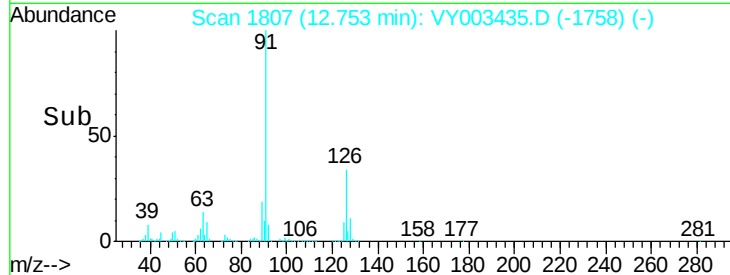
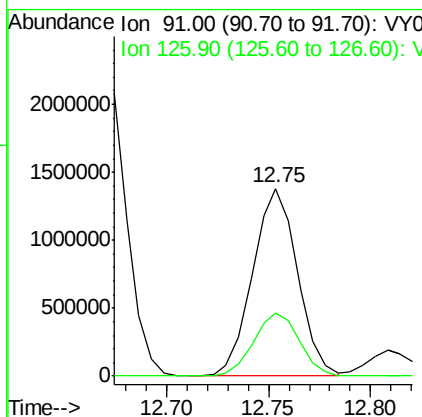
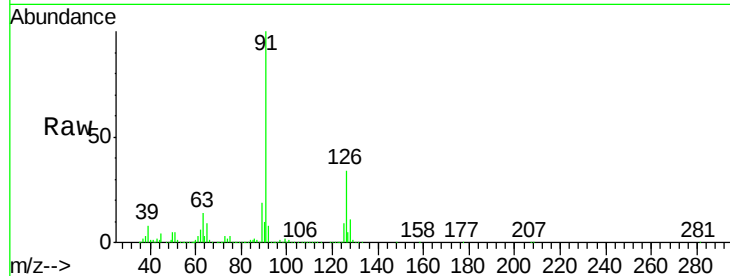




#79
 2-Chlorotoluene
 Concen: 97.890 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

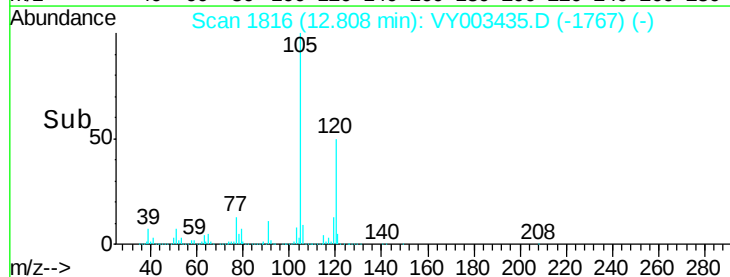
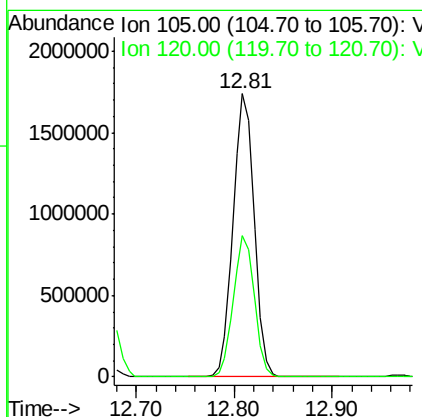
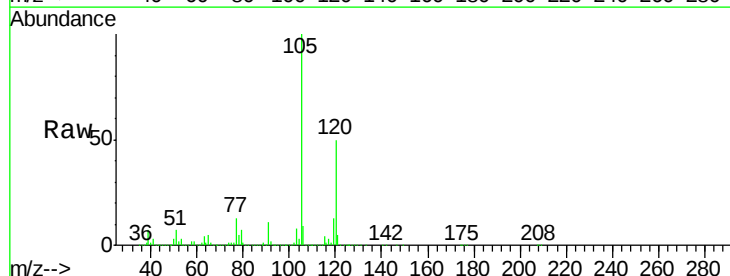
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

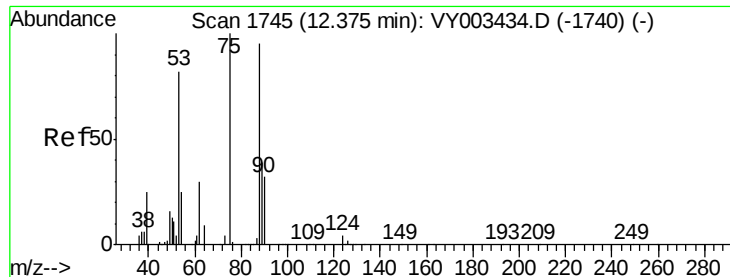
Tot Ion: 91 Resp: 2116209
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 97.563 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion: 105 Resp: 2598456
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 103.954 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

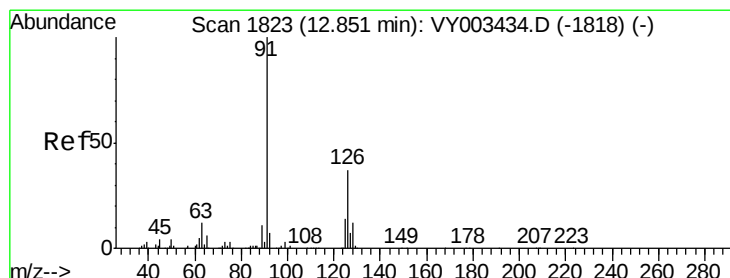
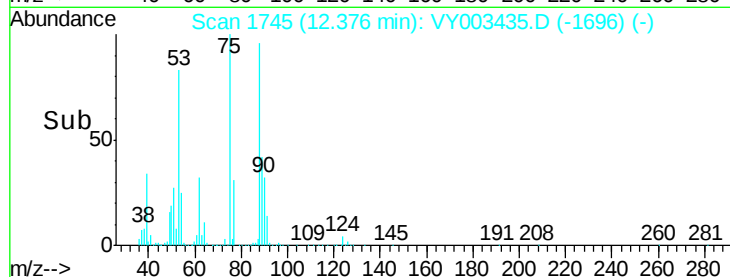
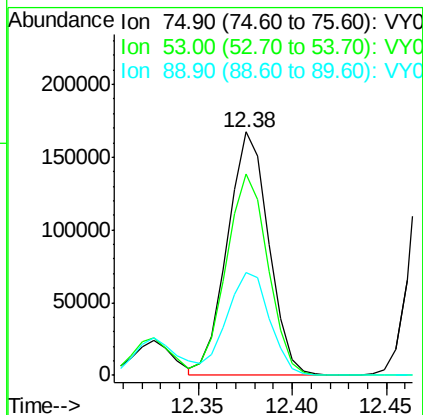
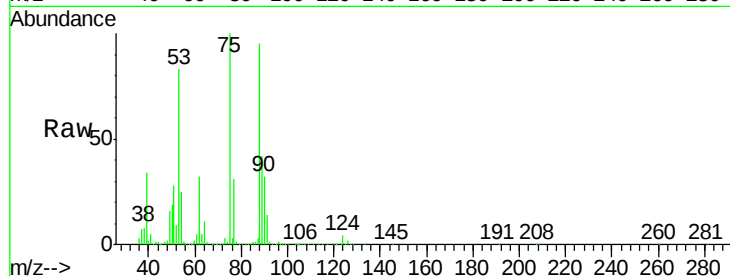
Tot Ion: 75 Resp: 252299

Ion Ratio Lower Upper

75 100

53 84.3 65.5 98.3

89 44.4 35.6 53.4



#82

4-Chlorotoluene

Concen: 95.234 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003435.D

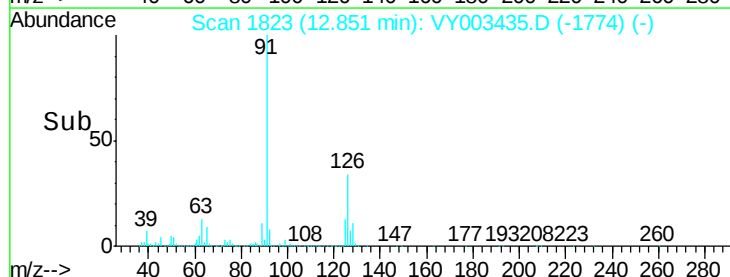
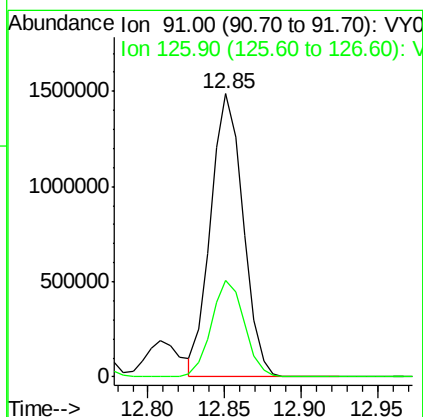
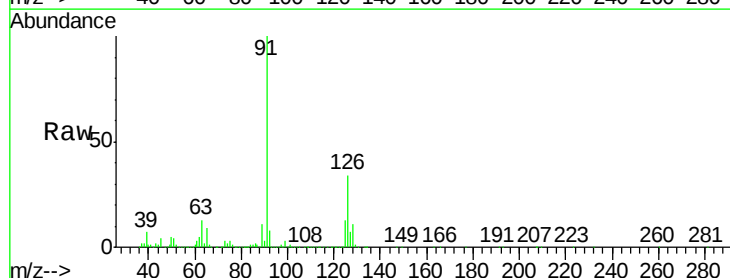
Acq: 04 Sep 2020 16:27

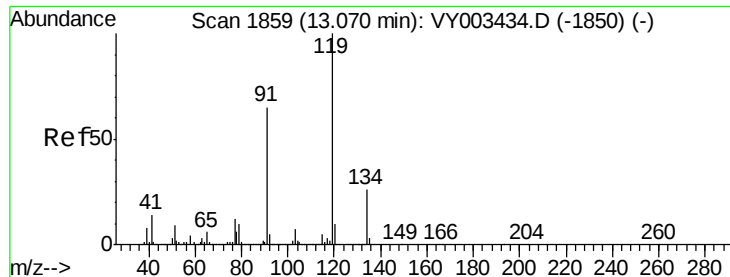
Tgt Ion: 91 Resp: 2192499

Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 96.953 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

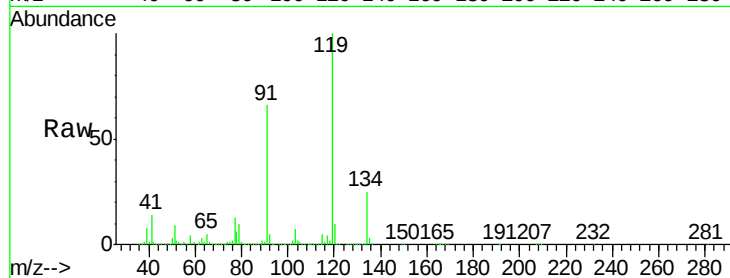
Tot Ion:119 Resp: 2212441

Ion Ratio Lower Upper

119 100

91 64.9 32.4 97.0

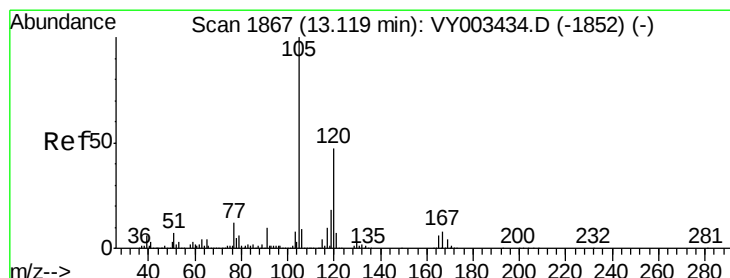
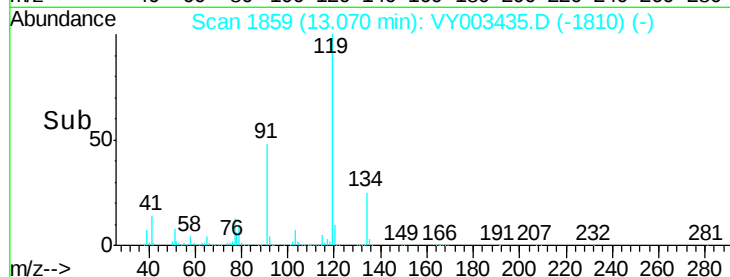
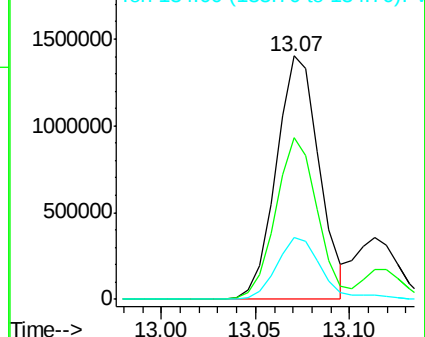
134 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 96.147 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003435.D

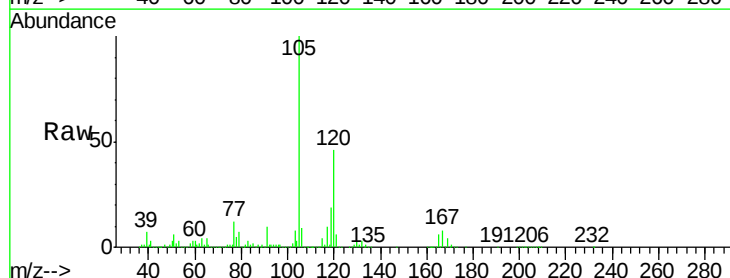
Acq: 04 Sep 2020 16:27

Tgt Ion:105 Resp: 2580983

Ion Ratio Lower Upper

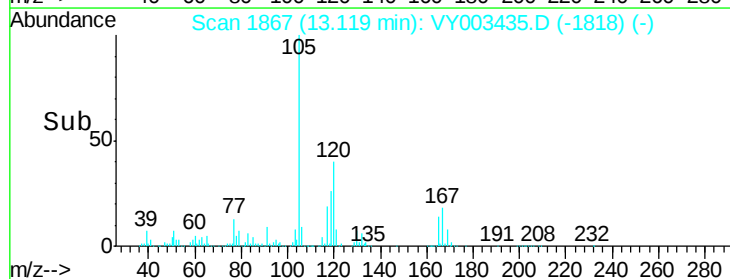
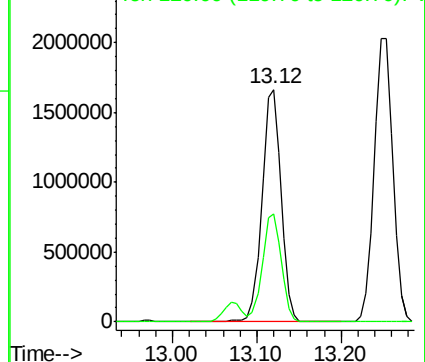
105 100

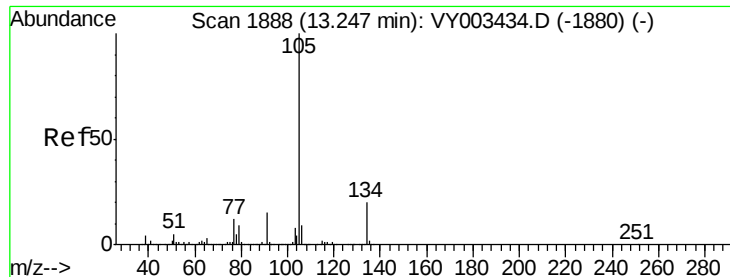
120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 95.075 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

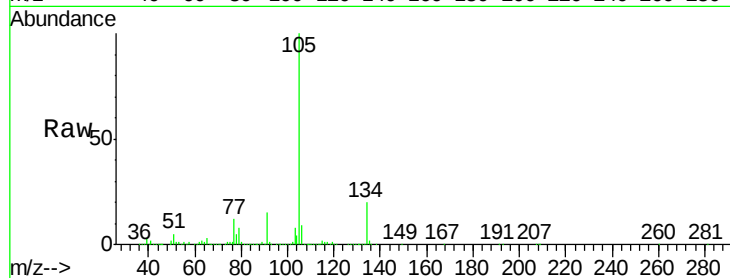
VSTDIC100

Tot Ion:105 Resp: 3138936

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

1000000

500000

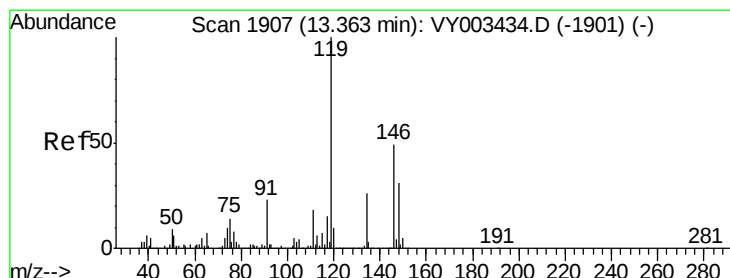
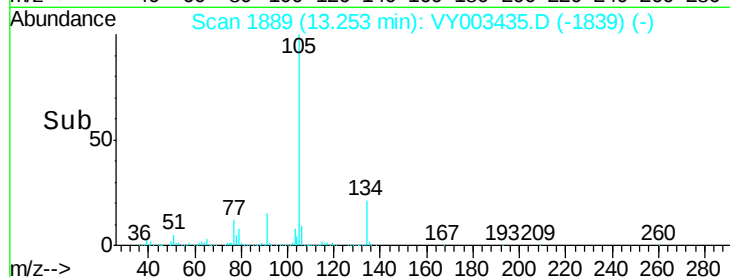
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 94.011 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

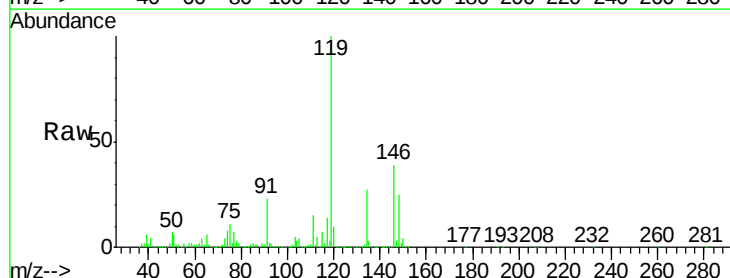
Tgt Ion:119 Resp: 2759395

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 23.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

2500000

2000000

1500000

1000000

500000

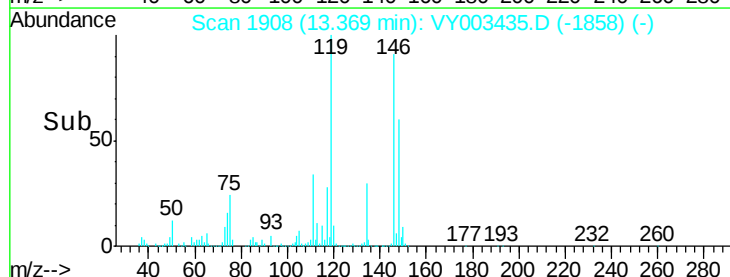
0

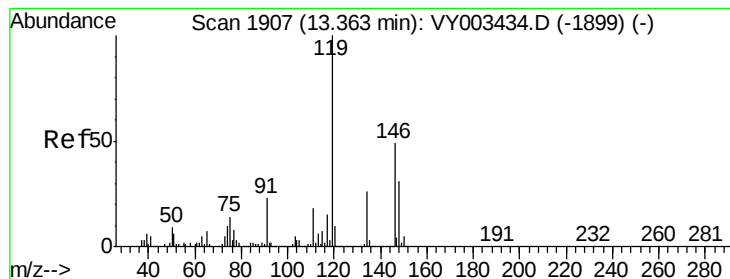
13.30

13.35

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 93.409 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

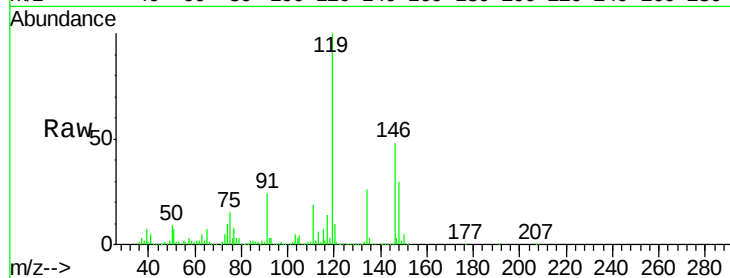
Tot Ion:146 Resp: 1370649

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

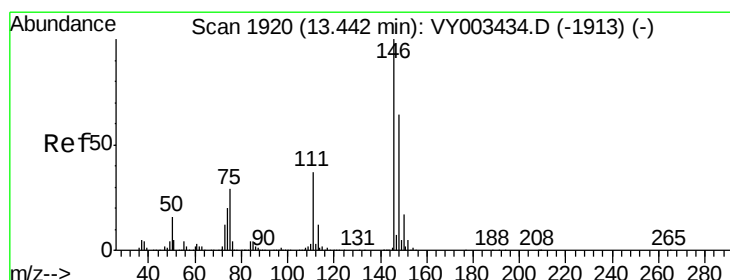
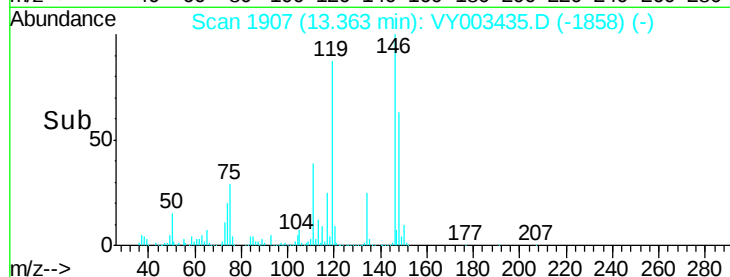
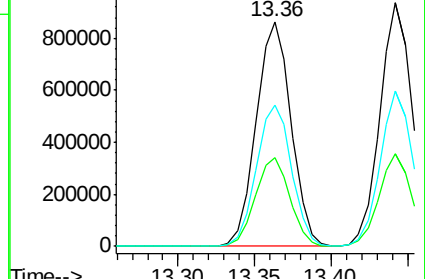
148 63.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 93.616 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

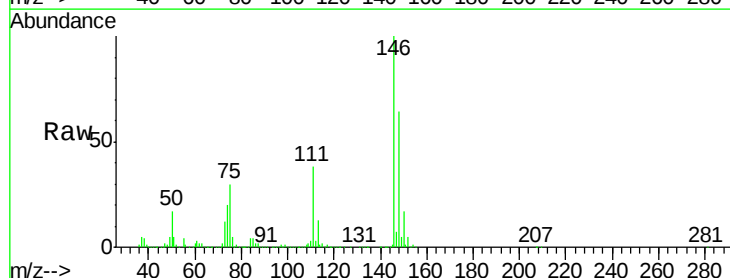
Tgt Ion:146 Resp: 1382581

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

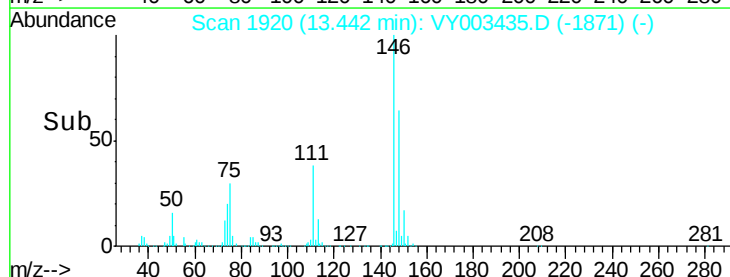
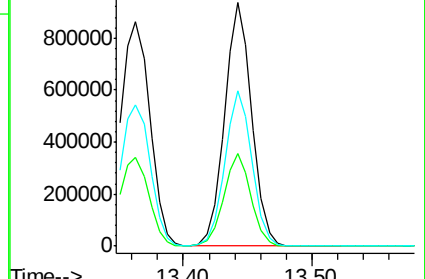
148 63.8 32.1 96.5

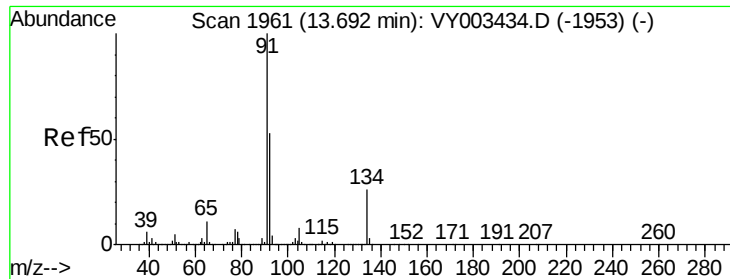


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 92.558 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

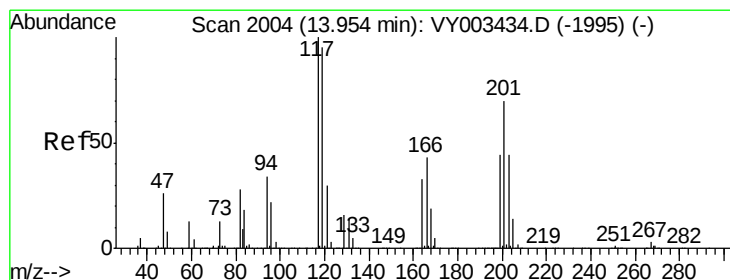
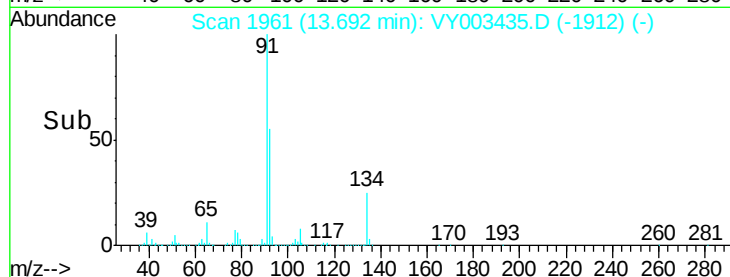
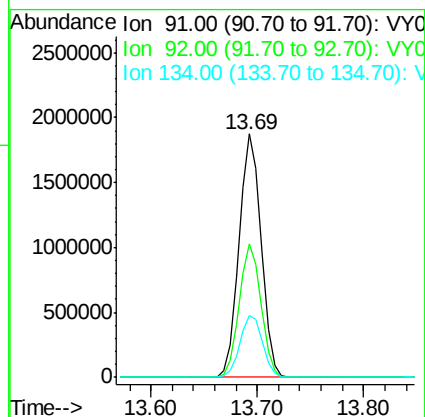
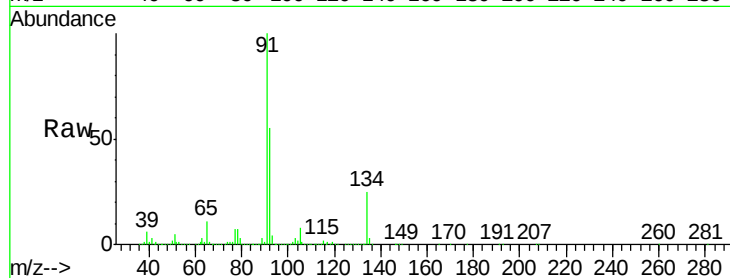
Tot Ion: 91 Resp: 2730838

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.1

134 25.8 13.0 39.0



#90

Hexachloroethane

Concen: 99.145 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003435.D

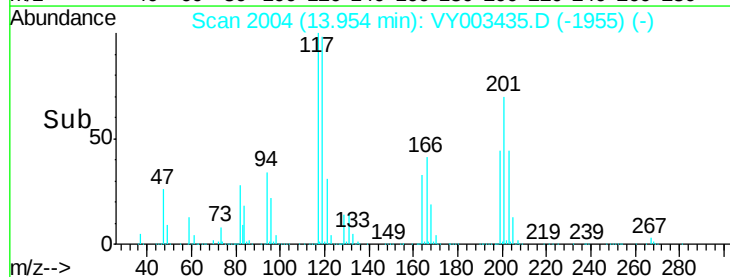
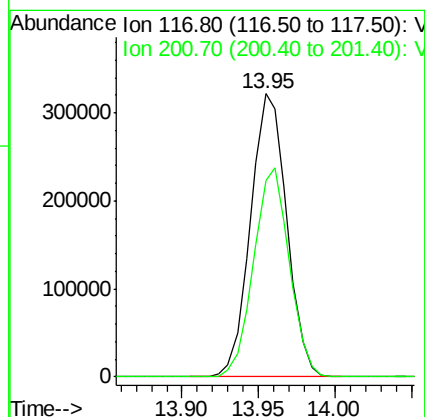
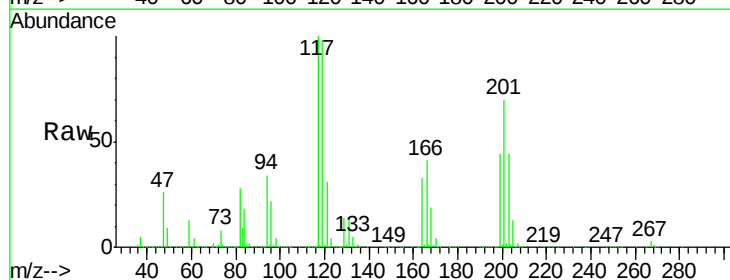
Acq: 04 Sep 2020 16:27

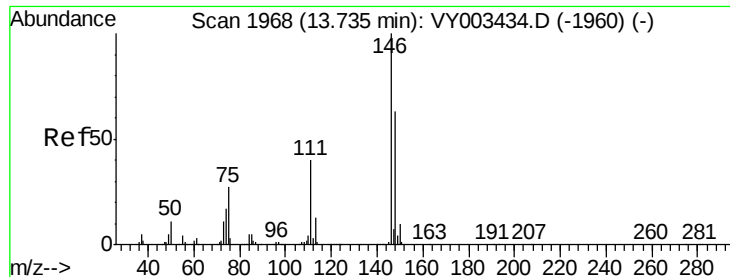
Tgt Ion: 117 Resp: 528934

Ion Ratio Lower Upper

117 100

201 73.0 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 94.659 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

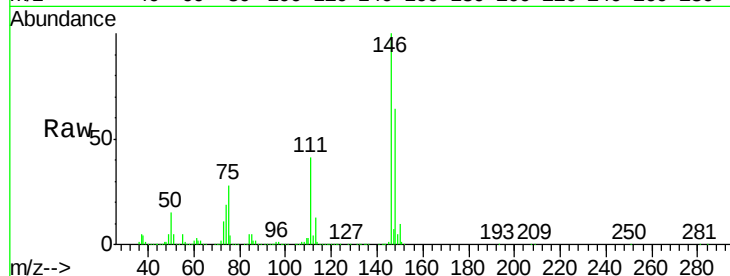
Tot Ion:146 Resp: 1264215

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

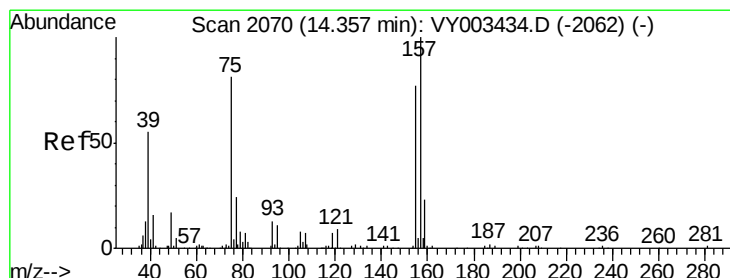
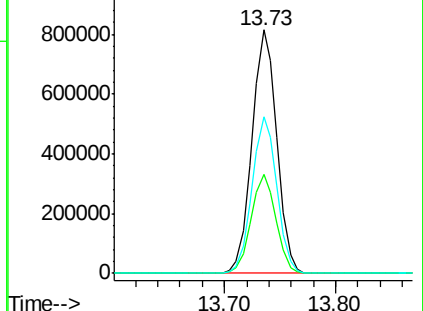
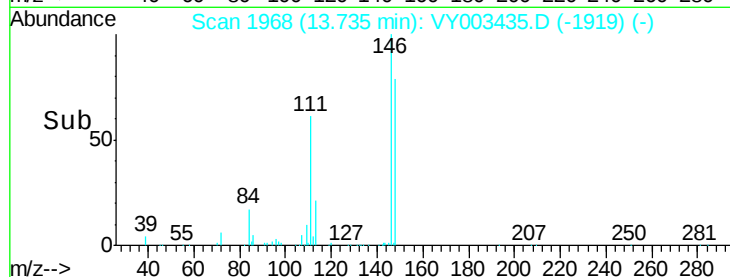
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.833 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

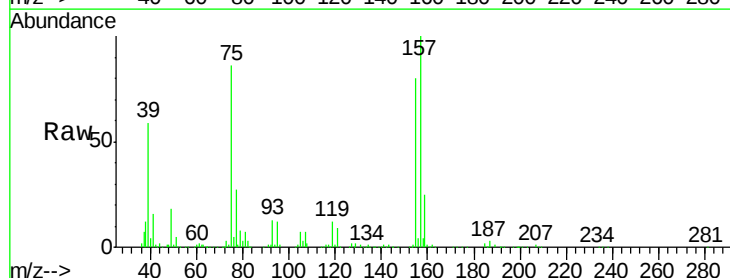
Tgt Ion: 75 Resp: 108615

Ion Ratio Lower Upper

75 100

155 90.9 47.4 142.2

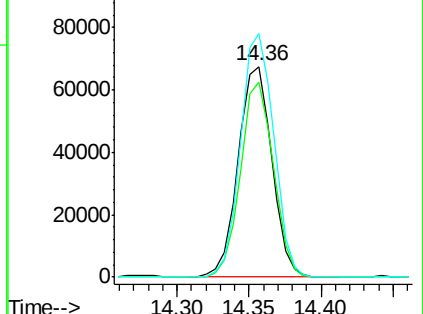
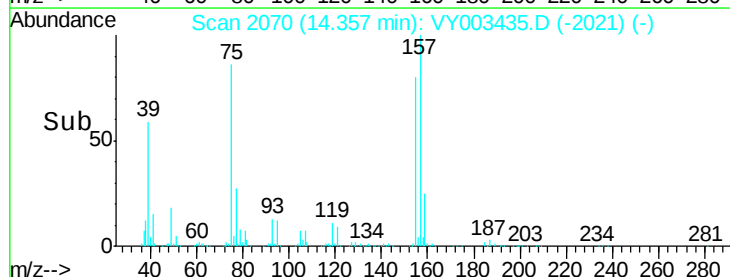
157 115.1 60.0 180.0

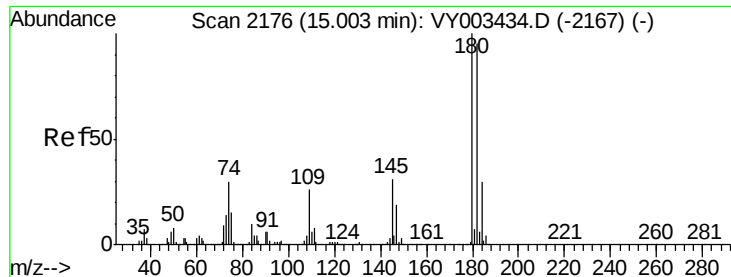


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

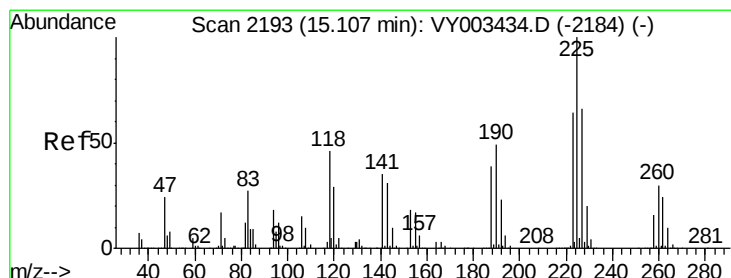
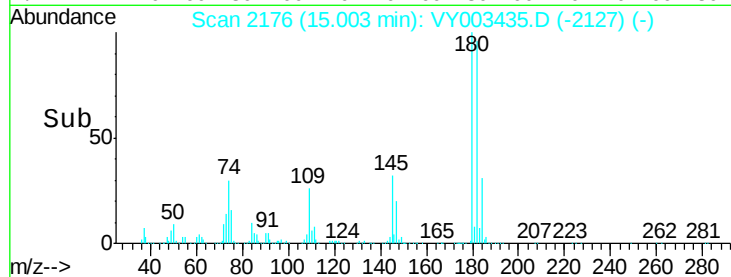
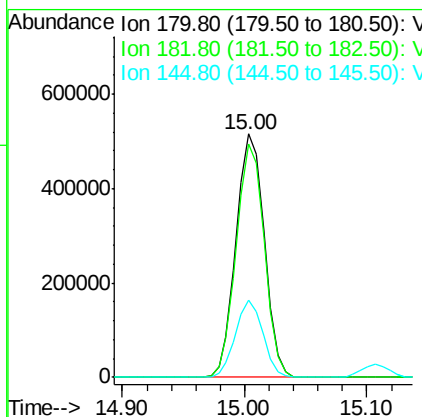
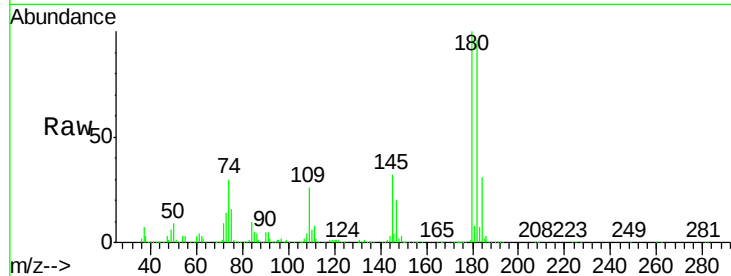




#93
 1,2,4-Trichlorobenzene
 Concen: 91.563 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

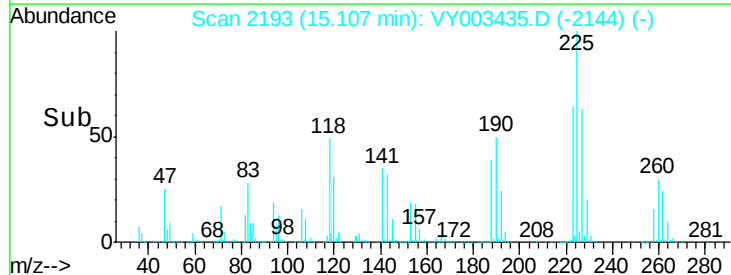
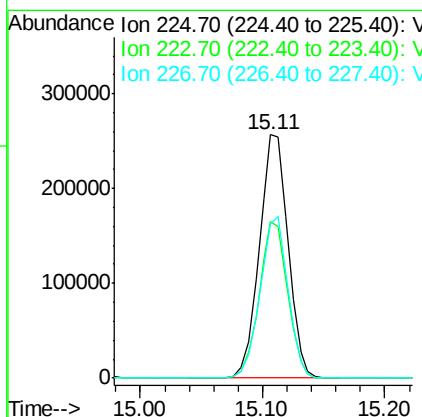
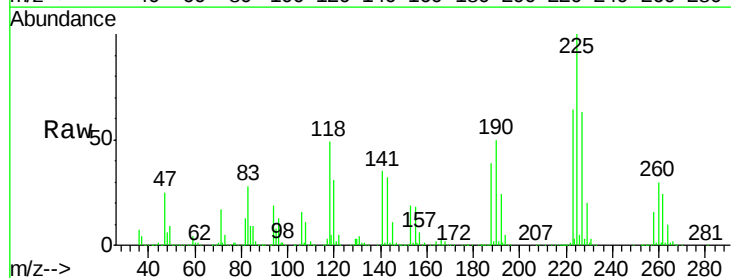
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

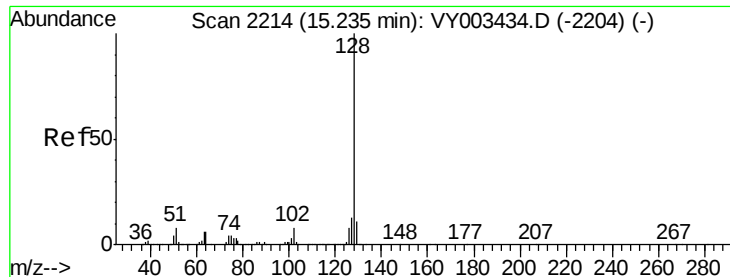
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	30.6	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 86.846 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003435.D
 Acq: 04 Sep 2020 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.0	96.0
227	64.5	32.2	96.6





#95

Naphthalene

Concen: 100.752 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Instrument :

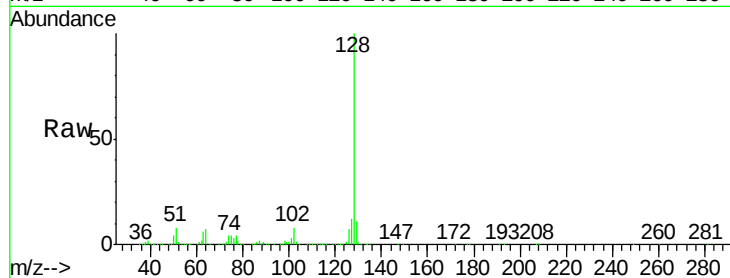
MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1897590

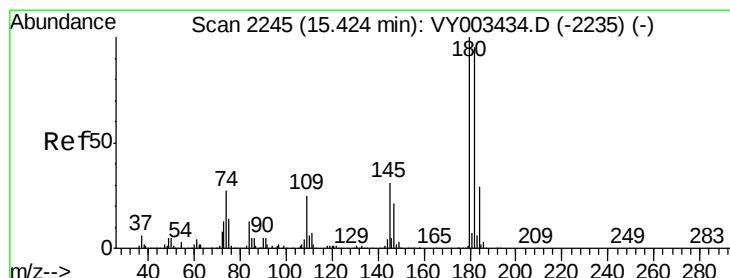
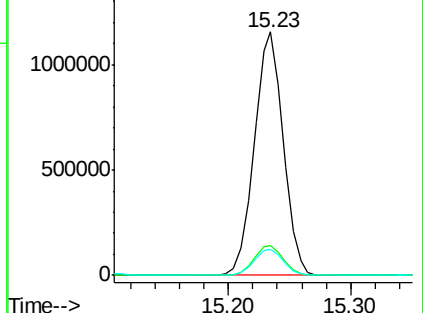
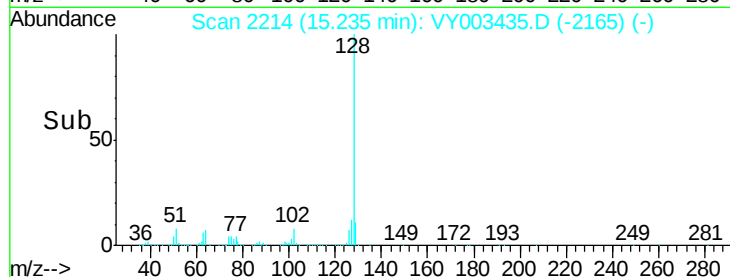
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.0	8.7	13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 91.800 ug/l

RT: 15.42 min Scan# 2245

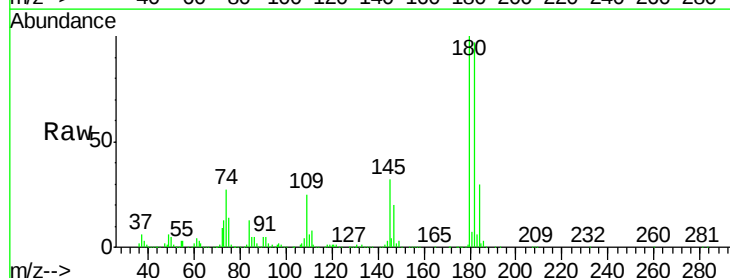
Delta R.T. 0.00 min

Lab File: VY003435.D

Acq: 04 Sep 2020 16:27

Tgt Ion:180 Resp: 736658

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	32.1	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

