

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002934.D
 Acq On : 19 Jun 2020 13:15
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 19 14:19:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	485386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	258177	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	27945	9.63	ug/l	0.00
Spiked Amount			Recovery	=	19.26%	
35) Dibromofluoromethane	7.72	113	28588	9.73	ug/l	0.00
Spiked Amount			Recovery	=	19.46%	
50) Toluene-d8	10.18	98	110830	9.61	ug/l	0.00
Spiked Amount			Recovery	=	19.22%	
62) 4-Bromofluorobenzene	12.48	95	38760	9.56	ug/l	0.00
Spiked Amount			Recovery	=	19.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	20042	9.085	ug/l	99
3) Chloromethane	2.12	50	22963	9.076	ug/l	97
4) Vinyl Chloride	2.26	62	25172	9.400	ug/l	96
5) Bromomethane	2.65	94	19621	9.573	ug/l	98
6) Chloroethane	2.80	64	16380	9.406	ug/l	94
7) Trichlorofluoromethane	3.13	101	46525	9.562	ug/l	99
8) Diethyl Ether	3.54	74	17174	9.845	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	28702	9.784	ug/l	97
10) Methyl Iodide	4.10	142	35556	9.145	ug/l	100
11) Tert butyl alcohol	4.96	59	19582	52.596	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	27404	9.476	ug/l	94
13) Acrolein	3.74	56	13833	49.577	ug/l	100
14) Allyl chloride	4.49	41	40521	9.731	ug/l	99
15) Acrylonitrile	5.18	53	43284	51.443	ug/l	99
16) Acetone	3.96	43	34585	48.654	ug/l	99
17) Carbon Disulfide	4.20	76	74104	8.903	ug/l	99
18) Methyl Acetate	4.49	43	21516	9.545	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	78843	10.017	ug/l	97
20) Methylene Chloride	4.72	84	43599	8.278	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	30415	9.467	ug/l	98
22) Diisopropyl ether	6.13	45	86131	9.996	ug/l	96
23) Vinyl Acetate	6.07	43	274173	50.739	ug/l	98
24) 1,1-Dichloroethane	6.03	63	50047	9.862	ug/l	98
25) 2-Butanone	7.00	43	54716	51.235	ug/l	96
26) 2,2-Dichloropropane	6.99	77	48262	10.014	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	35766	9.924	ug/l	98
28) Bromochloromethane	7.35	49	20421	9.678	ug/l	99
29) Tetrahydrofuran	7.35	42	35155	51.047	ug/l	99
30) Chloroform	7.52	83	52744	9.917	ug/l	98
31) Cyclohexane	7.79	56	47515	9.481	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	47398	9.716	ug/l	99
36) 1,1-Dichloropropene	7.93	75	39836	9.578	ug/l	100
37) Ethyl Acetate	7.08	43	23980	10.255	ug/l	98
38) Carbon Tetrachloride	7.91	117	44424	9.720	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	50887	9.385	ug/l	98
40) Benzene	8.17	78	119882	9.643	ug/l	99
41) Methacrylonitrile	7.32	41	11395	5.389	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	33988	9.831	ug/l	99
43) Isopropyl Acetate	8.28	43	42669	9.961	ug/l	100
44) Trichloroethene	8.94	130	37360	9.671	ug/l	99
45) 1,2-Dichloropropane	9.22	63	30312	10.111	ug/l	97
46) Dibromomethane	9.31	93	17557	9.811	ug/l	98
47) Bromodichloromethane	9.50	83	41477	10.021	ug/l #	98
48) Methyl methacrylate	9.30	41	18890	9.915	ug/l	99
49) 1,4-Dioxane	9.31	88	4785	185.085	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	117108	51.179	ug/l	100
52) Toluene	10.25	92	78516	9.771	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	44381	9.899	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	50121	9.853	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	26940	10.057	ug/l	99
56) Ethyl methacrylate	10.51	69	34648	9.820	ug/l	97
57) 1,3-Dichloropropane	10.79	76	44682	9.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	87390	49.504	ug/l	99
59) 2-Hexanone	10.83	43	81827	51.171	ug/l	99
60) Dibromochloromethane	10.99	129	33890	10.019	ug/l	100
61) 1,2-Dibromoethane	11.09	107	26953	10.201	ug/l	99
64) Tetrachloroethene	10.72	164	40018	9.738	ug/l	98
65) Chlorobenzene	11.52	112	90022	9.765	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	34003	9.800	ug/l	98
67) Ethyl Benzene	11.59	91	153070	9.675	ug/l	98
68) m/p-Xylenes	11.70	106	118514	19.280	ug/l	100
69) o-Xylene	12.03	106	55970	9.658	ug/l	98
70) Styrene	12.05	104	96645	9.685	ug/l	99
71) Bromoform	12.20	173	23101	9.993	ug/l #	99
73) Isopropylbenzene	12.33	105	155564	9.871	ug/l	99
74) N-amyl acetate	12.14	43	40704	10.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	29788	10.193	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43096	11.769	ug/l #	100
77) Bromobenzene	12.61	156	40341	9.742	ug/l	98
78) n-propylbenzene	12.67	91	181439	9.895	ug/l	99
79) 2-Chlorotoluene	12.75	91	102703	9.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	128605	9.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	11560	10.010	ug/l	97
82) 4-Chlorotoluene	12.85	91	107446	9.911	ug/l	99
83) tert-Butylbenzene	13.07	119	116614	9.853	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	130867	9.856	ug/l	100
85) sec-Butylbenzene	13.25	105	159151	9.835	ug/l	99
86) p-Isopropyltoluene	13.37	119	149587	9.893	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	77536	9.860	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	76571	9.710	ug/l	96
89) n-Butylbenzene	13.69	91	135898	9.901	ug/l	99
90) Hexachloroethane	13.96	117	27843	9.958	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	71673	9.994	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5515	10.063	ug/l	98

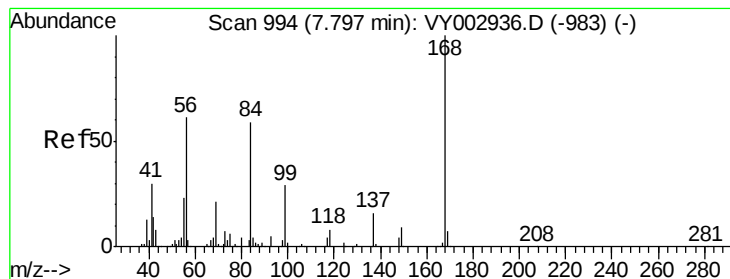
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	53705	9.994	ug/l	100
94) Hexachlorobutadiene	15.11	225	31890	10.152	ug/l	98
95) Naphthalene	15.23	128	104652	9.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	48168	10.060	ug/l	100

(#) = 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: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

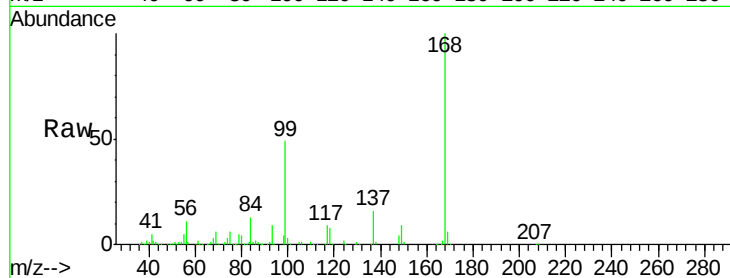
VSTDIC010

Tgt Ion:168 Resp: 347703

Ion Ratio Lower Upper

168 100

99 49.5 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002934.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002934.D (-983) (-)

7.80

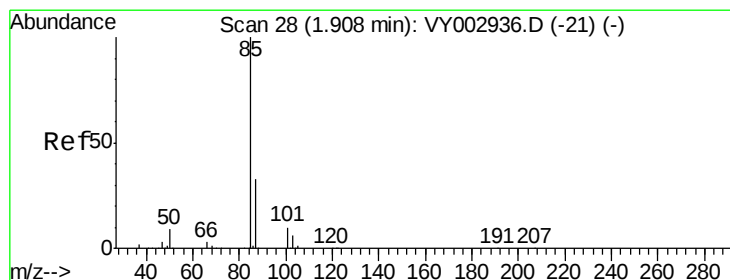
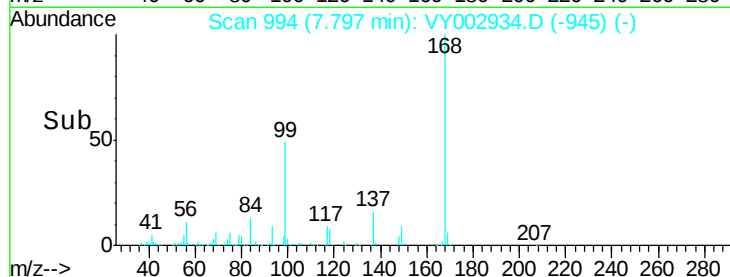
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.085 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002934.D

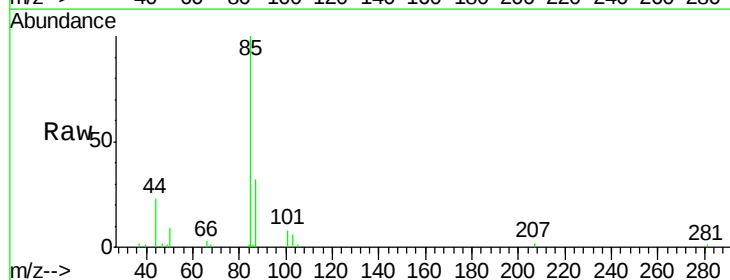
Acq: 19 Jun 2020 13:15

Tgt Ion: 85 Resp: 20042

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002934.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002934.D (-21) (-)

1.91

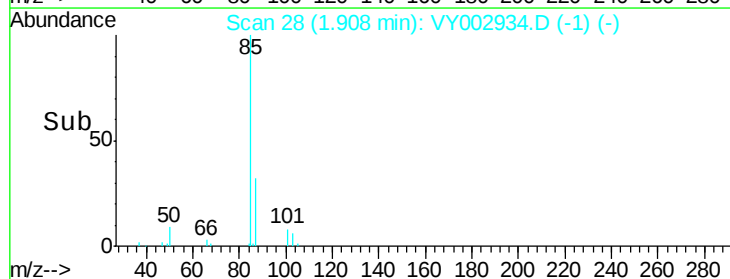
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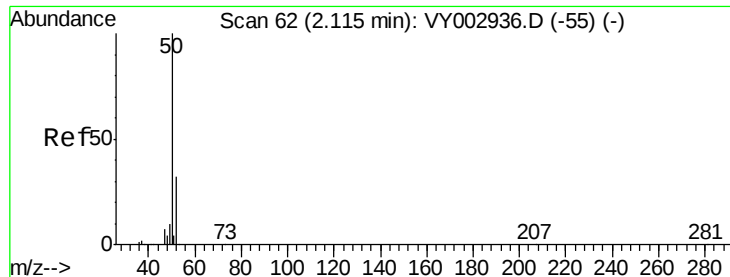
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5000

0

Time-->

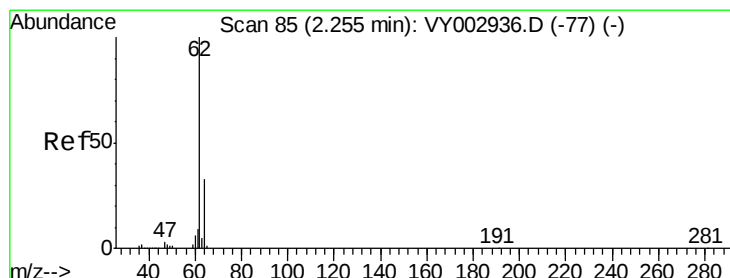
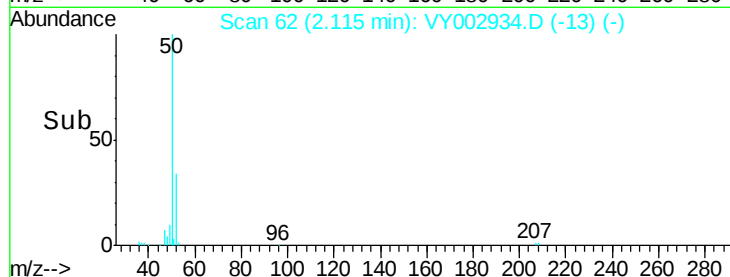
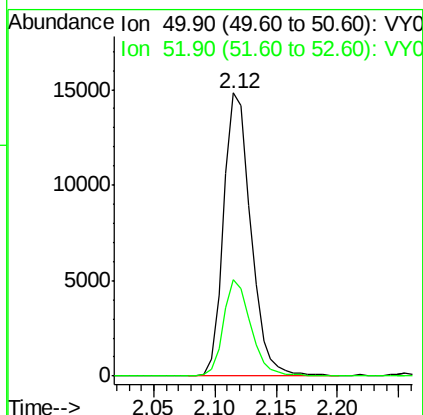
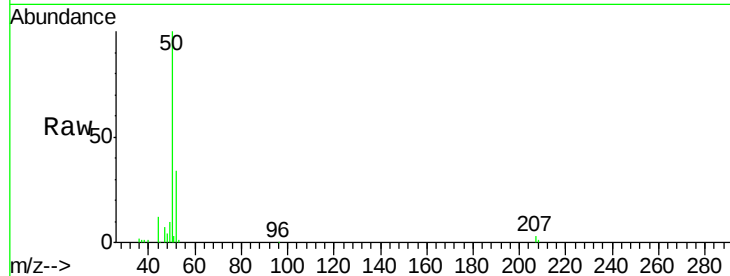




#3
Chloromethane
Concen: 9.076 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

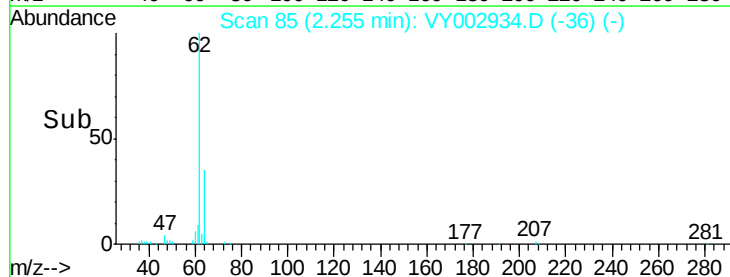
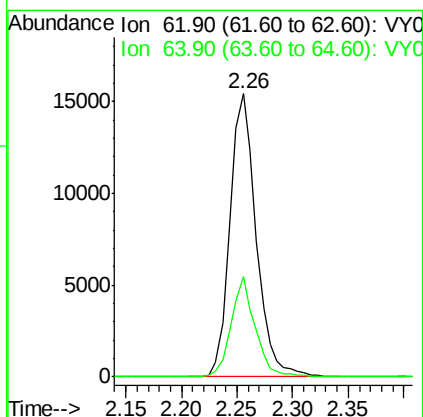
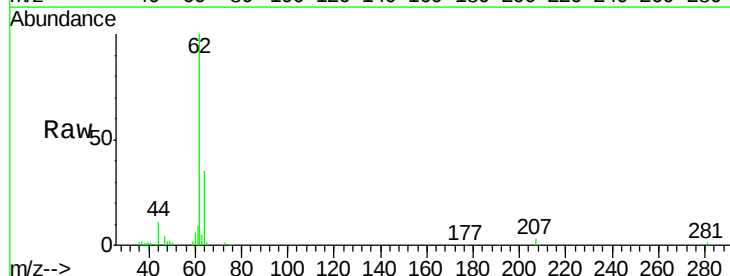
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

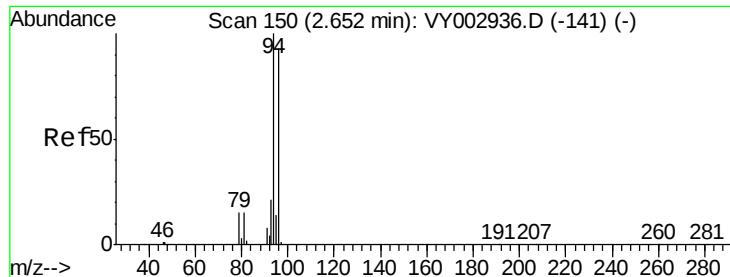
Tgt Ion: 50 Resp: 22963
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.6



#4
Vinyl Chloride
Concen: 9.400 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 62 Resp: 25172
Ion Ratio Lower Upper
62 100
64 35.2 26.3 39.5





#5

Bromomethane

Concen: 9.573 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

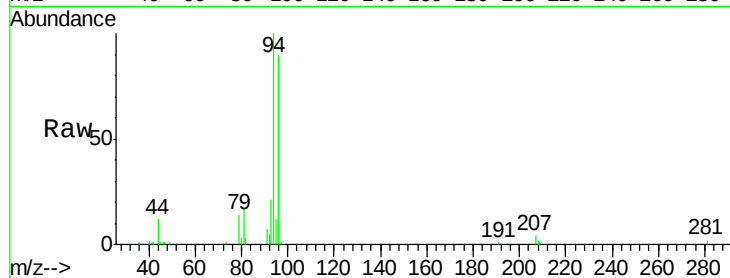
VSTDIC010

Tgt Ion: 94 Resp: 19621

Ion Ratio Lower Upper

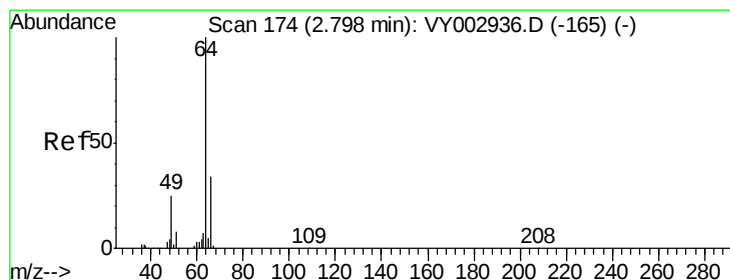
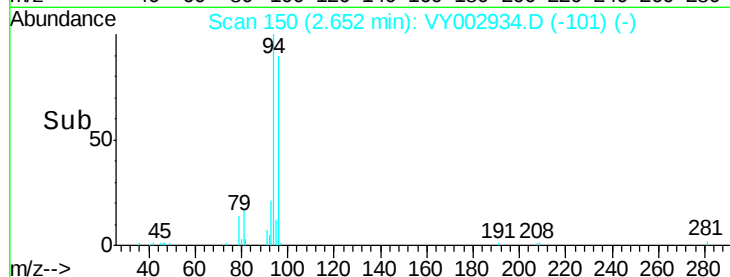
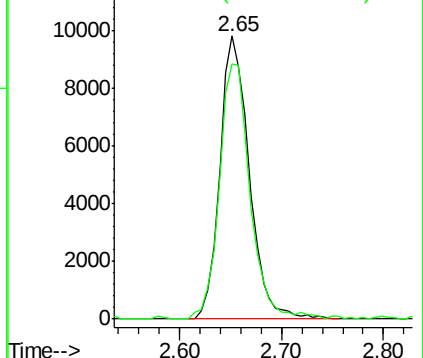
94 100

96 90.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 9.406 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY002934.D

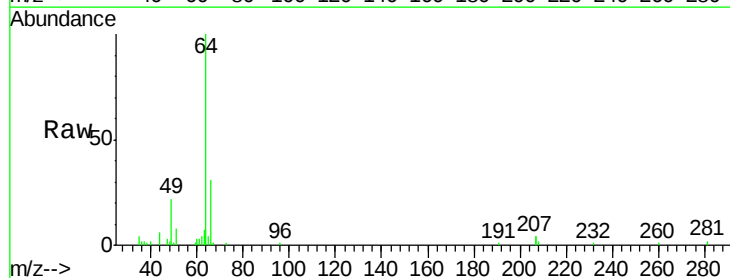
Acq: 19 Jun 2020 13:15

Tgt Ion: 64 Resp: 16380

Ion Ratio Lower Upper

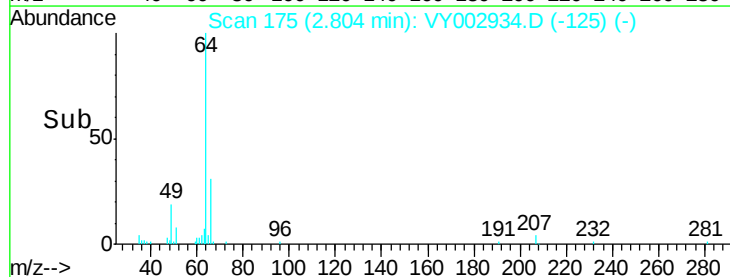
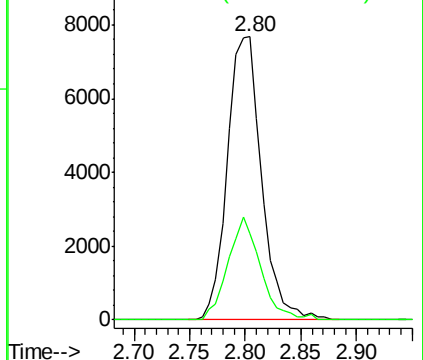
64 100

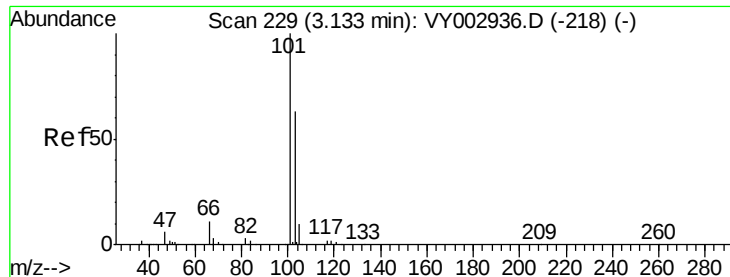
66 30.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



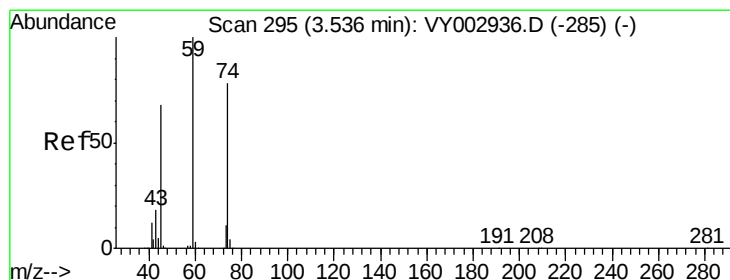
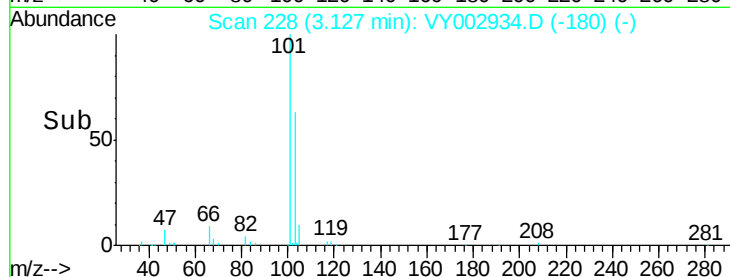
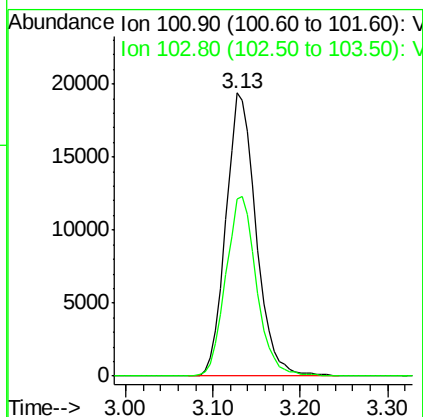
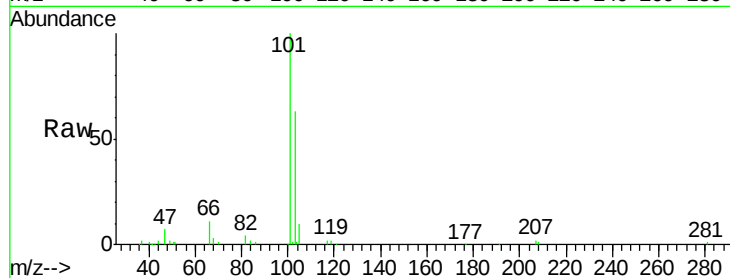


#7

Trichlorofluoromethane
 Concen: 9.562 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Instrument :
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 VSTDIC010

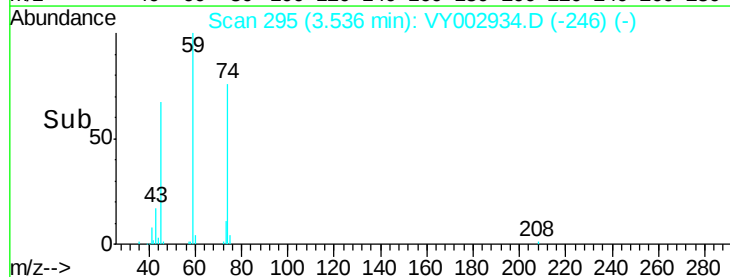
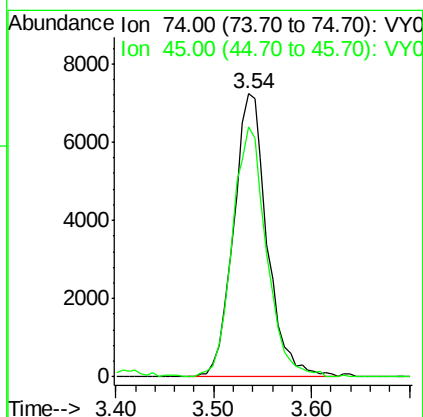
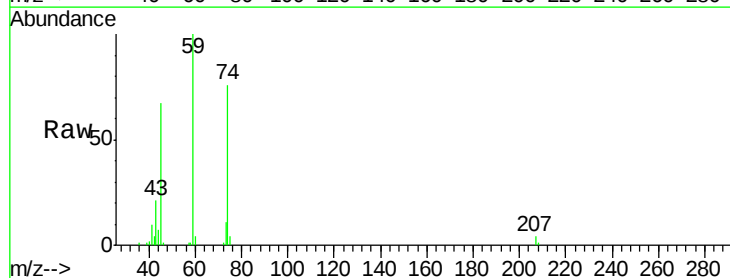
Tgt Ion: 101 Resp: 46525
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.6 76.0

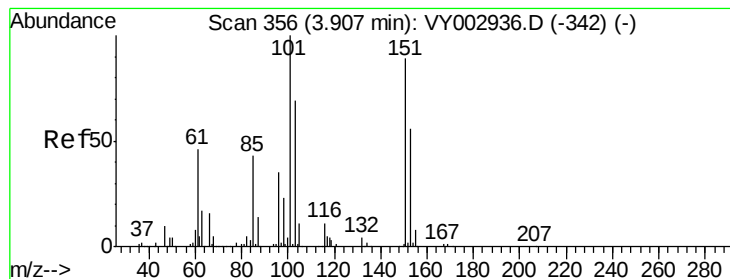


#8

Diethyl Ether
 Concen: 9.845 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 74 Resp: 17174
 Ion Ratio Lower Upper
 74 100
 45 90.1 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.784 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

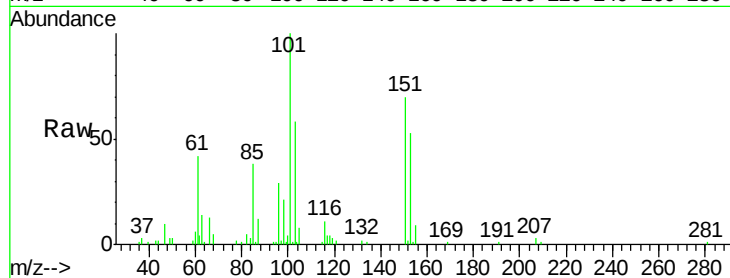
Tgt Ion:101 Resp: 28702

Ion Ratio Lower Upper

101 100

85 42.3 33.6 50.4

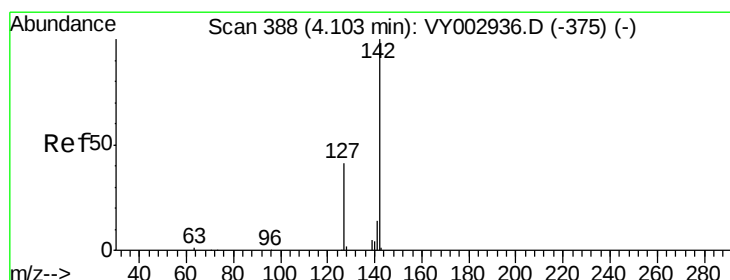
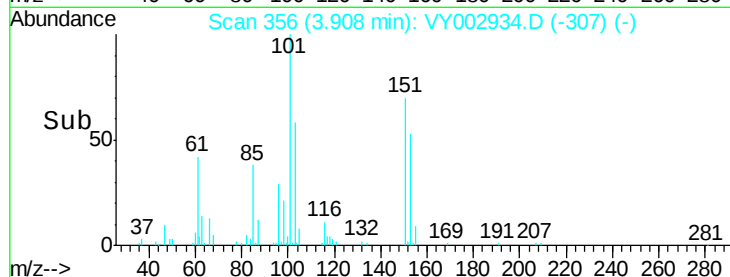
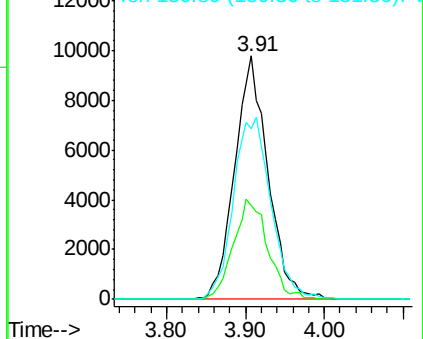
151 84.4 70.4 105.6



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: 9.145 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

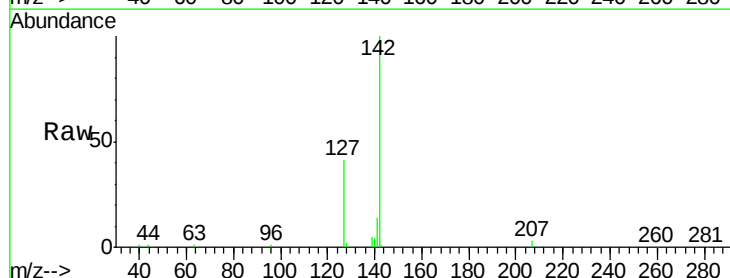
Tgt Ion:142 Resp: 35556

Ion Ratio Lower Upper

142 100

127 41.0 32.9 49.3

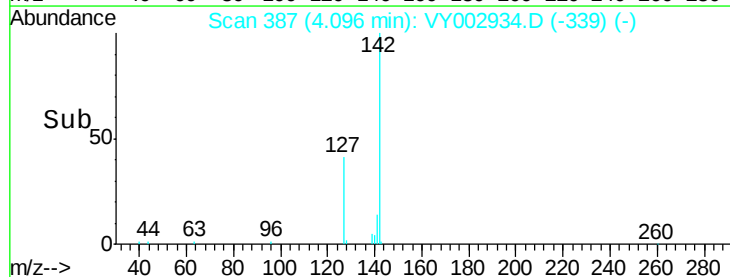
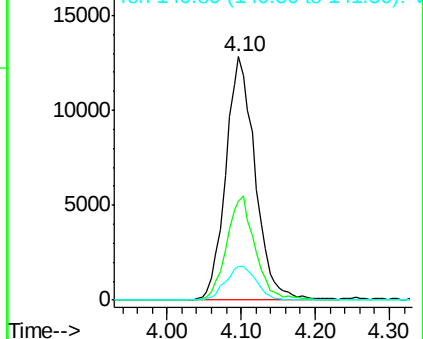
141 14.2 11.3 16.9

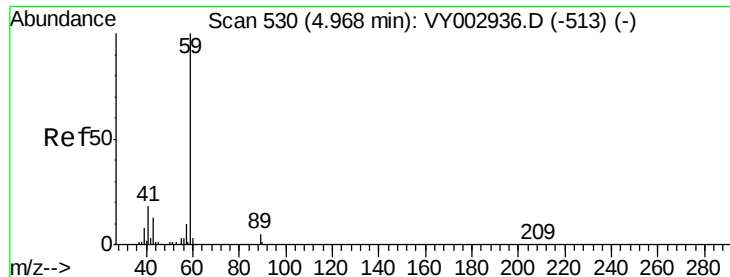


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



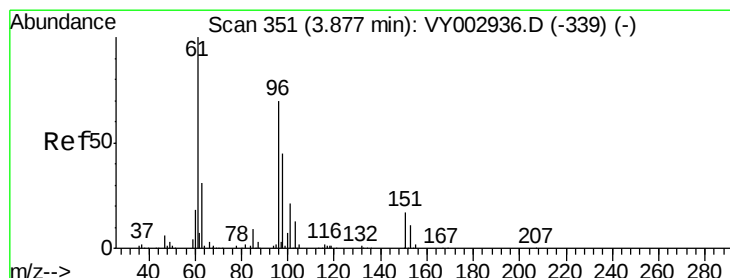
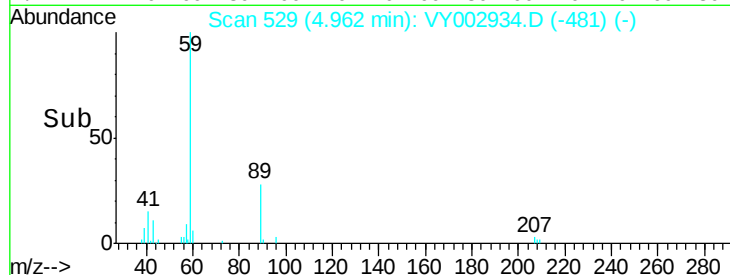
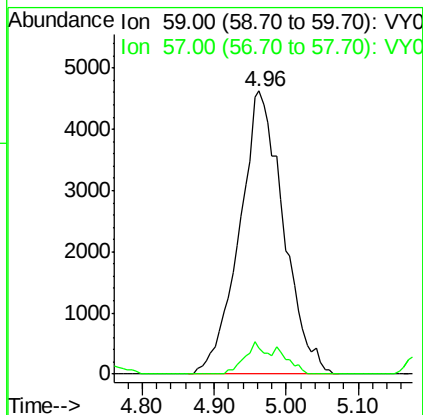
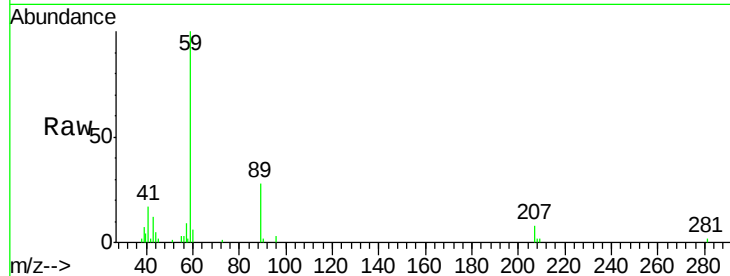


#11

Tert butyl alcohol
 Concen: 52.596 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

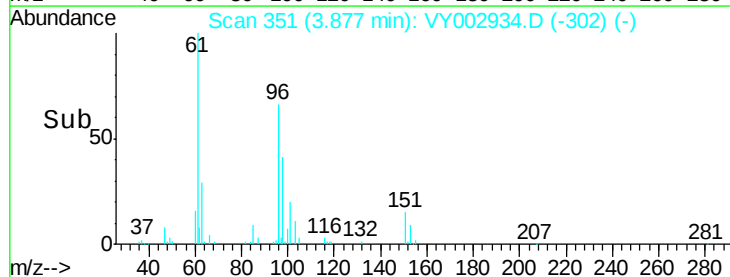
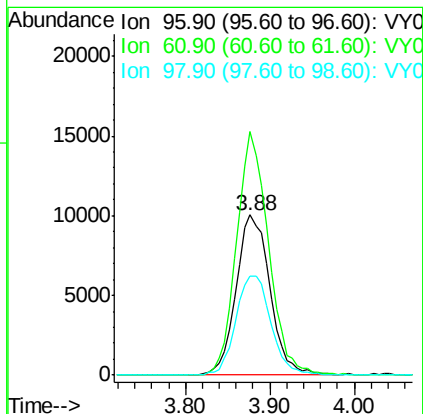
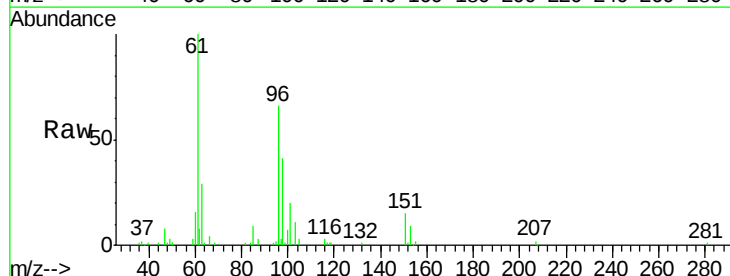
Tgt Ion: 59 Resp: 19582
 Ion Ratio Lower Upper
 59 100
 57 5.8 7.4 11.2#

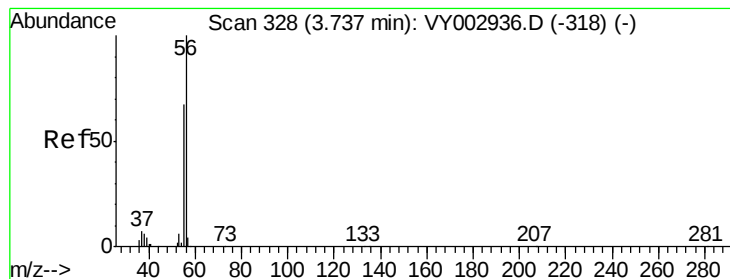


#12

1,1-Dichloroethene
 Concen: 9.476 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 96 Resp: 27404
 Ion Ratio Lower Upper
 96 100
 61 152.1 114.6 172.0
 98 62.0 51.4 77.0





#13

Acrolein

Concen: 49.577 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

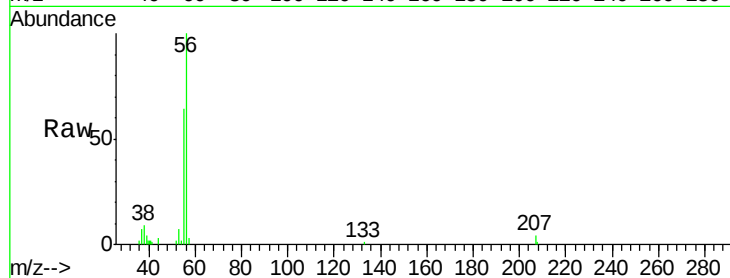
VSTDIC010

Tgt Ion: 56 Resp: 13833

Ion Ratio Lower Upper

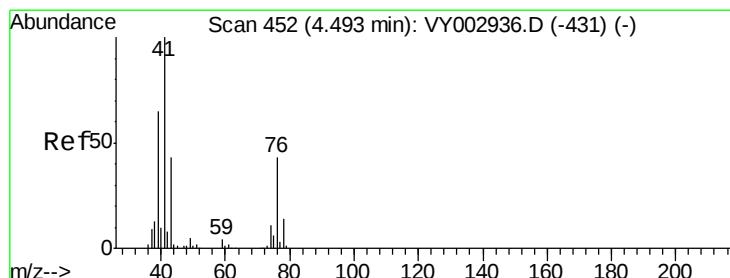
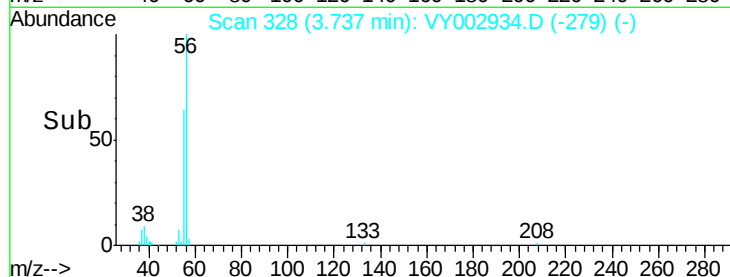
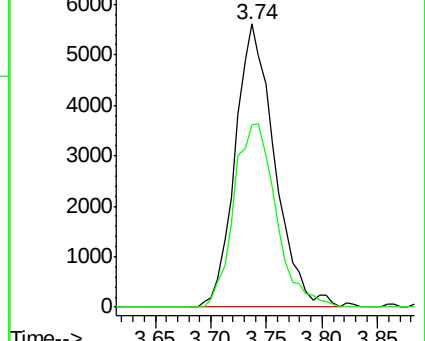
56 100

55 69.1 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 9.731 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

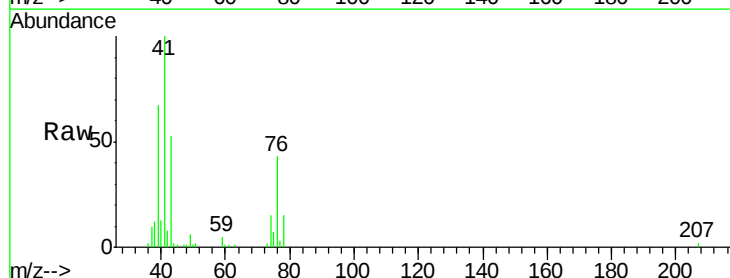
Tgt Ion: 41 Resp: 40521

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

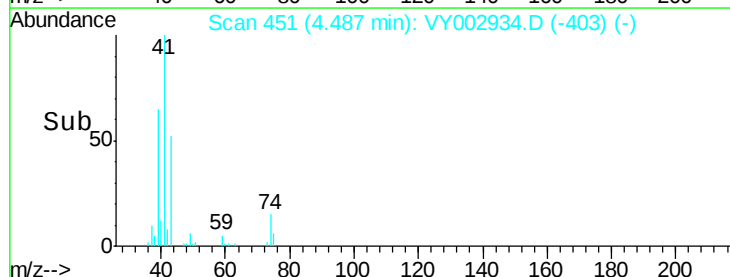
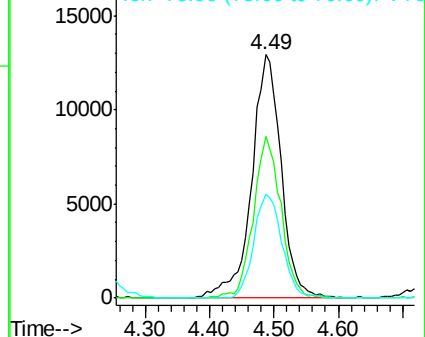
76 40.6 33.3 49.9

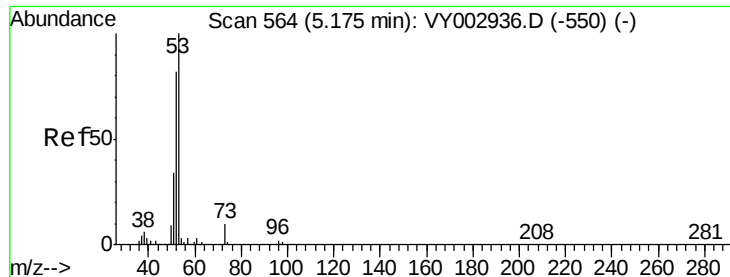


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

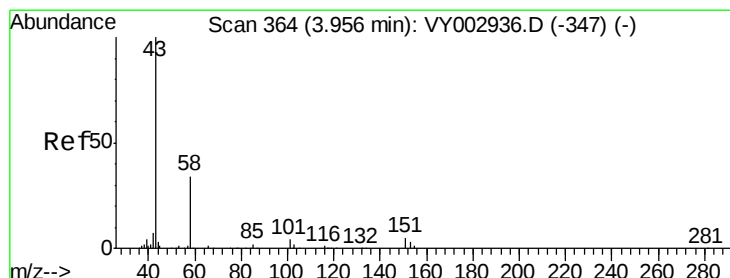
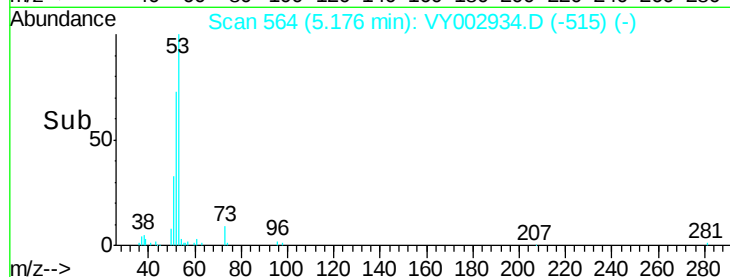
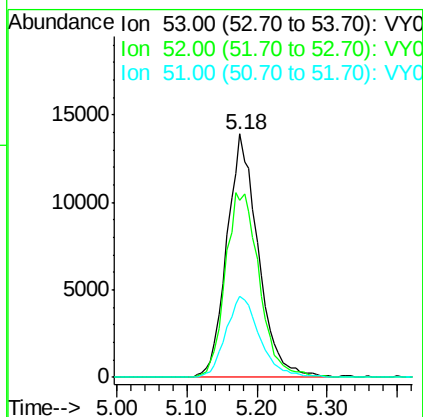
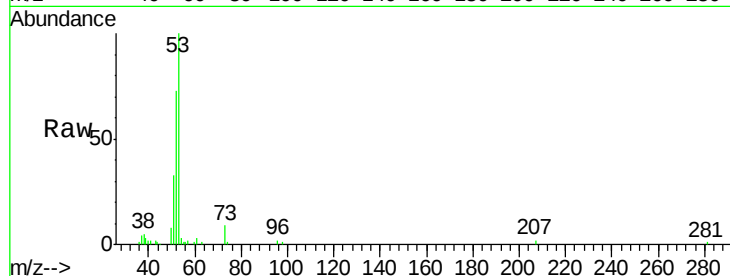




#15
Acrylonitrile
Concen: 51.443 ug/l
RT: 5.18 min Scan# 564
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

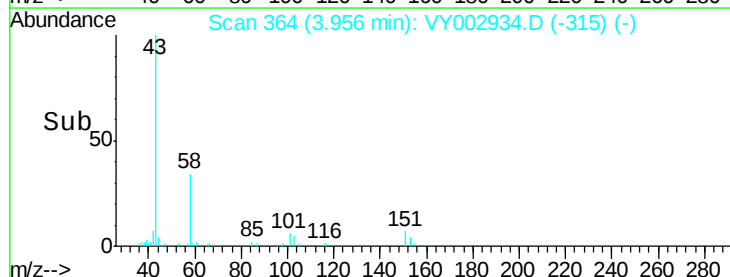
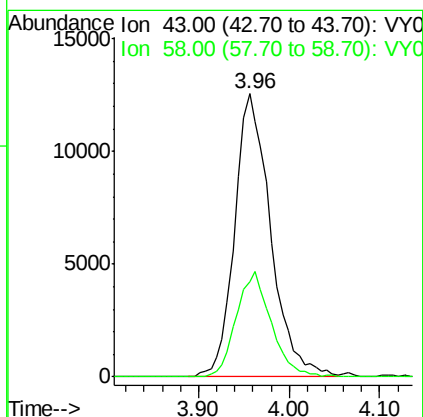
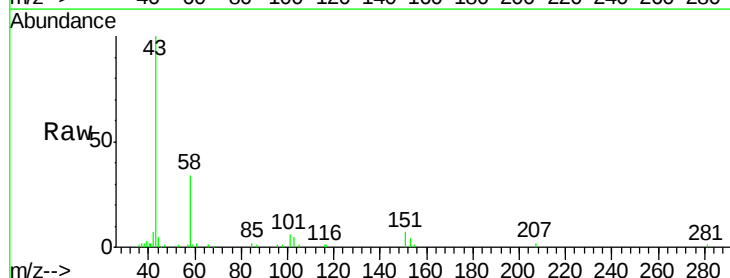
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

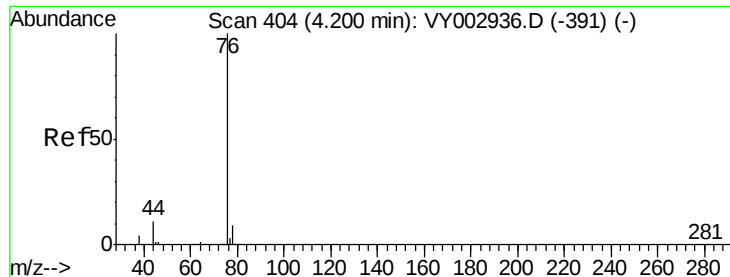
Tgt Ion: 53 Resp: 43284
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 36.0 28.1 42.1



#16
Acetone
Concen: 48.654 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 43 Resp: 34585
Ion Ratio Lower Upper
43 100
58 33.6 27.3 40.9





#17

Carbon Disulfide

Concen: 8.903 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

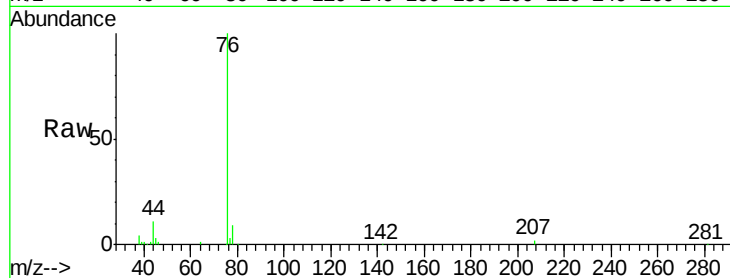
VSTDIC010

Tgt Ion: 76 Resp: 74104

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

30000

25000

20000

15000

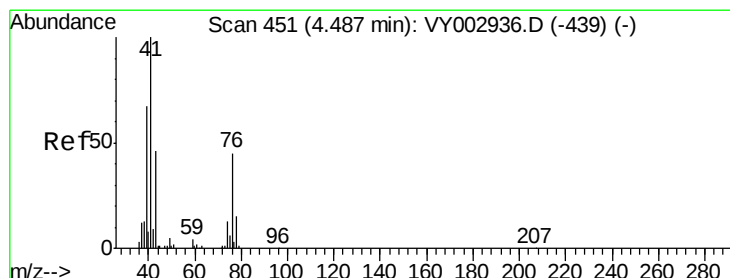
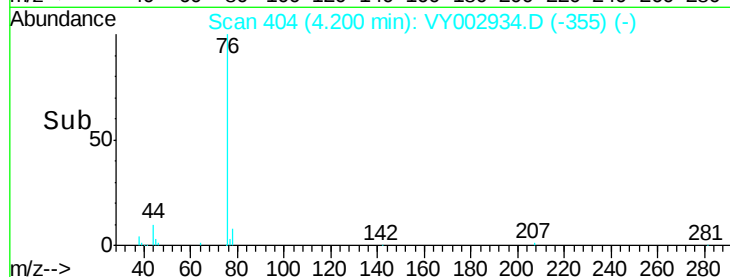
10000

5000

0

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 9.545 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002934.D

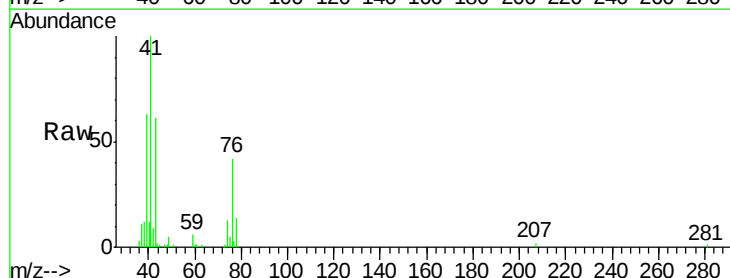
Acq: 19 Jun 2020 13:15

Tgt Ion: 43 Resp: 21516

Ion Ratio Lower Upper

43 100

74 26.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

8000

6000

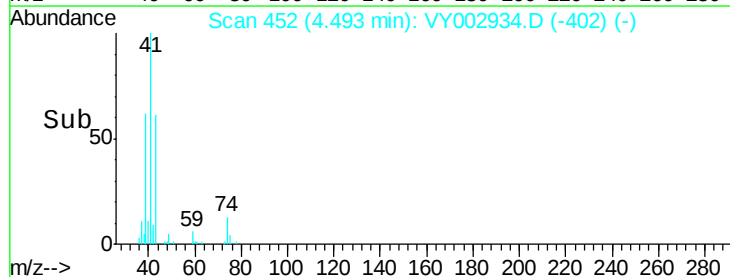
4000

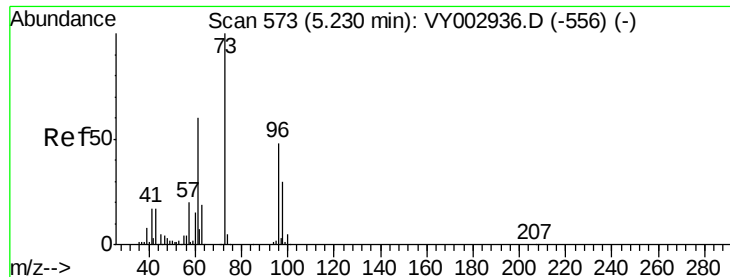
2000

0

4.40 4.50 4.60

Time-->



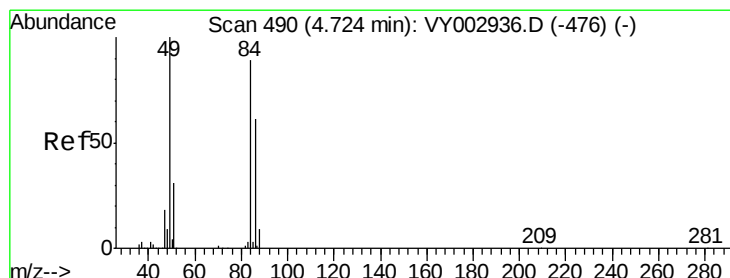
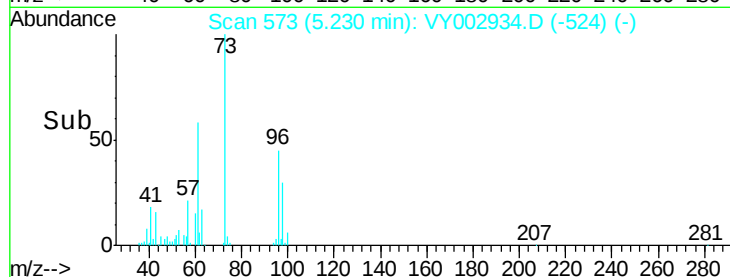
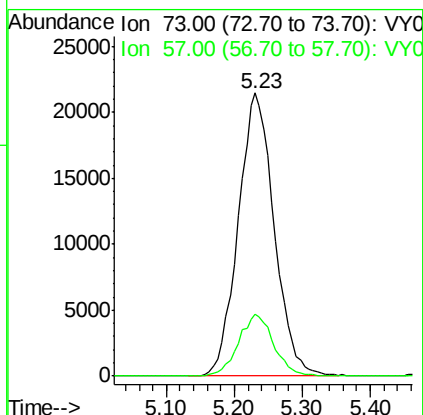
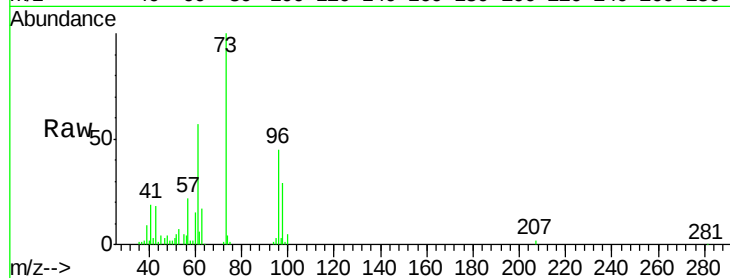


#19

Methyl tert-butyl Ether
 Concen: 10.017 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

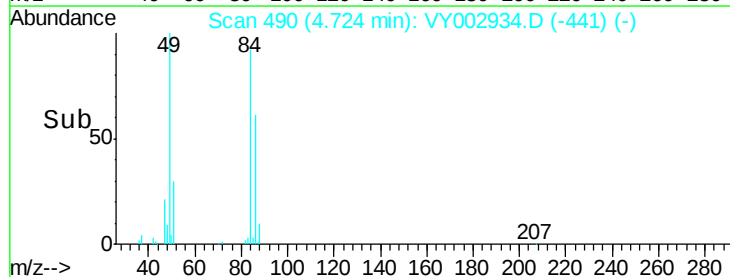
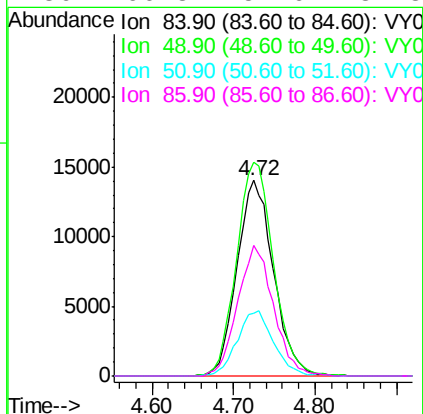
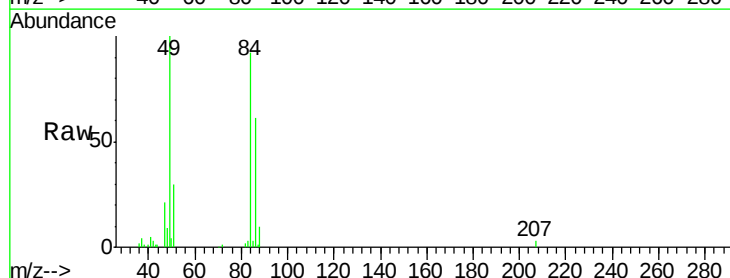
Tgt Ion: 73 Resp: 78843
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.4 24.6

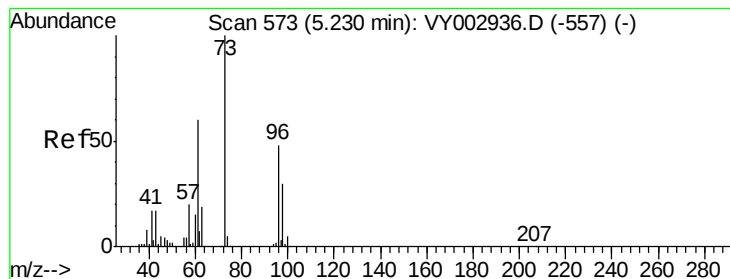


#20

Methylene Chloride
 Concen: 8.278 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 84 Resp: 43599
 Ion Ratio Lower Upper
 84 100
 49 109.3 90.0 135.0
 51 32.2 27.9 41.9
 86 66.8 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 9.467 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

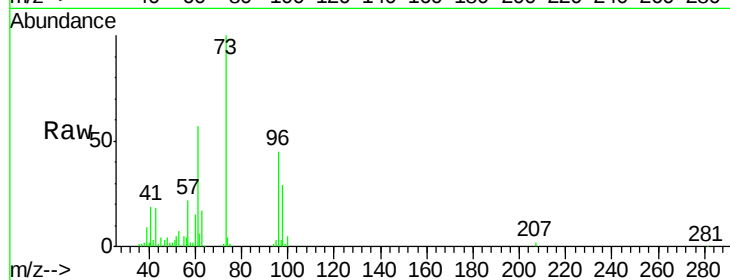
Tgt Ion: 96 Resp: 30415

Ion Ratio Lower Upper

96 100

61 126.8 100.6 150.8

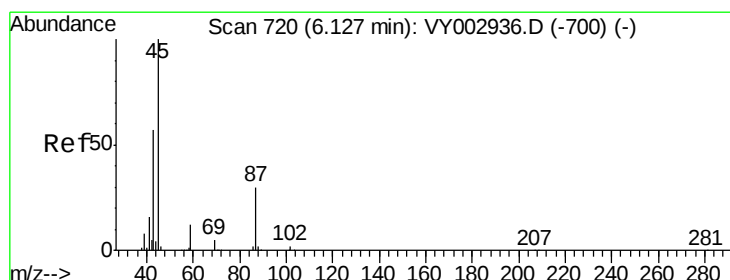
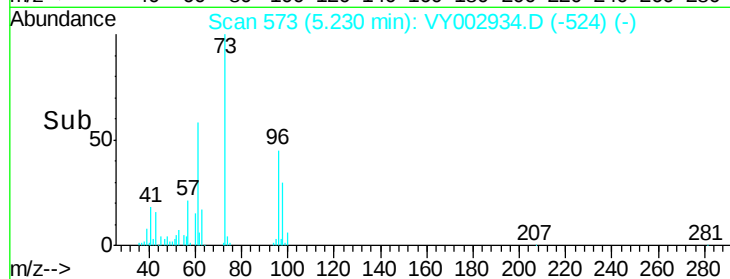
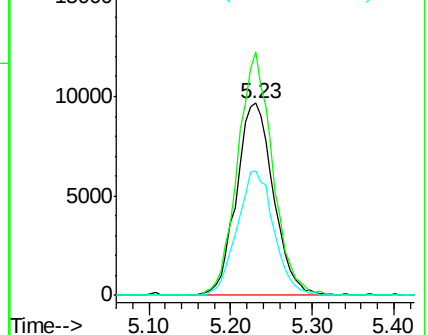
98 65.1 49.8 74.8



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: 9.996 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Tgt Ion: 45 Resp: 86131

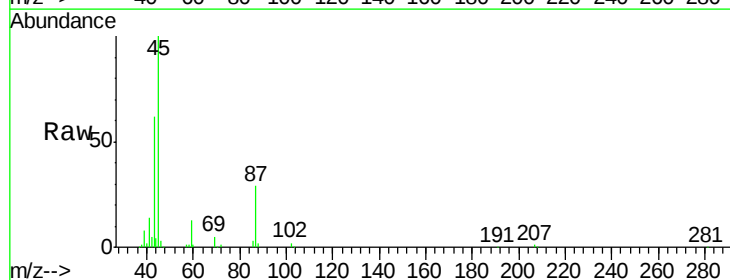
Ion Ratio Lower Upper

45 100

43 61.2 46.2 69.2

87 29.5 24.9 37.3

59 13.1 9.9 14.9

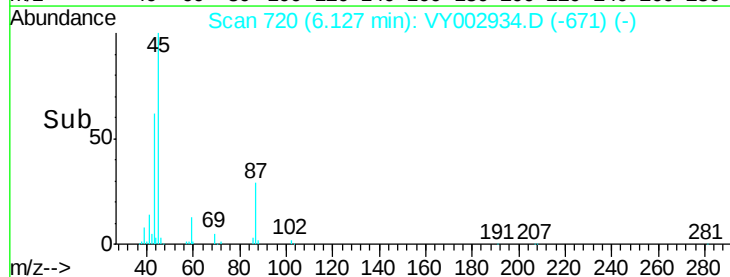
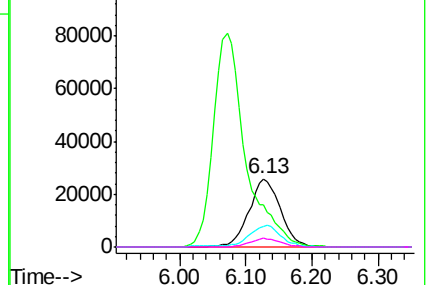


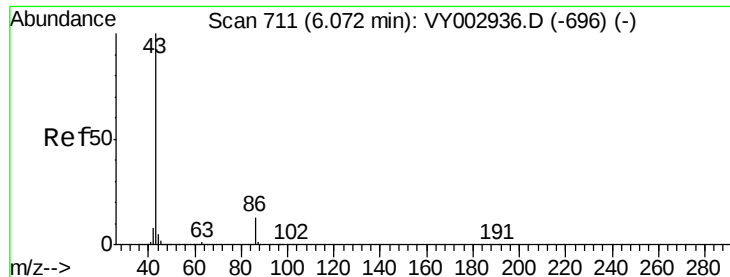
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 50.739 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

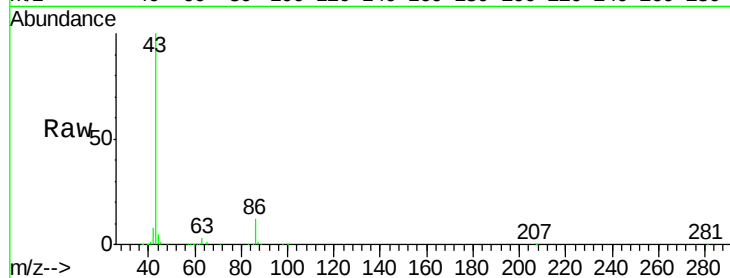
VSTDIC010

Tgt Ion: 43 Resp: 274173

Ion Ratio Lower Upper

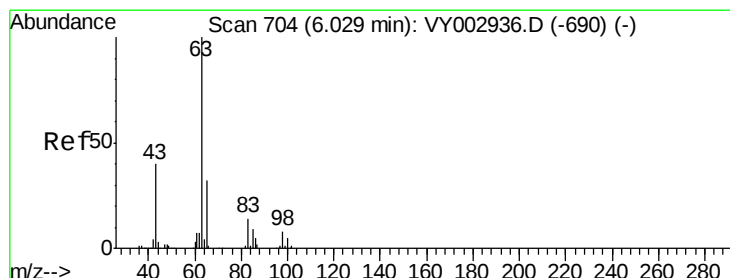
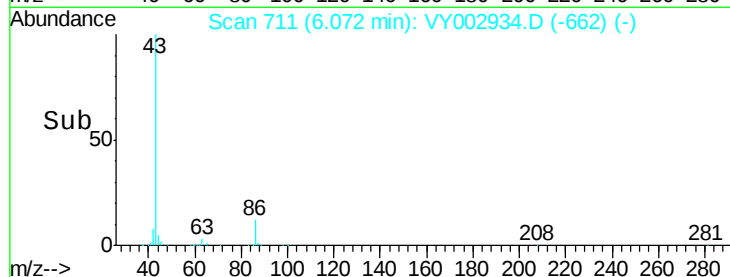
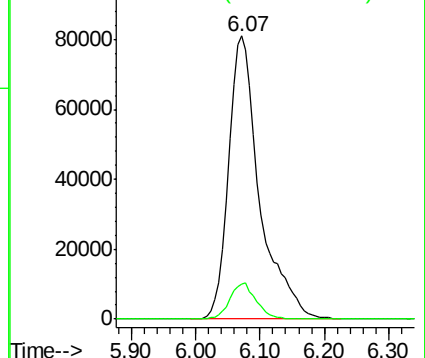
43 100

86 12.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 9.862 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

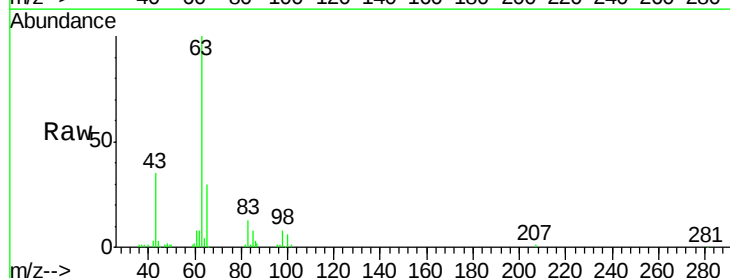
Tgt Ion: 63 Resp: 50047

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

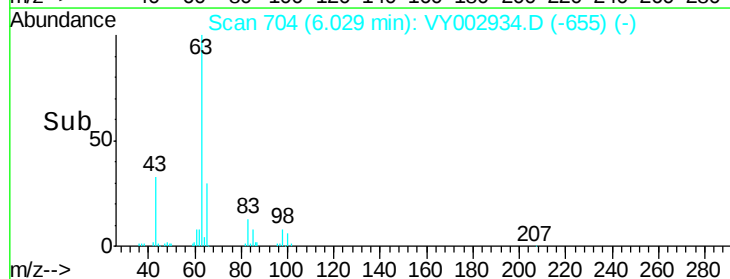
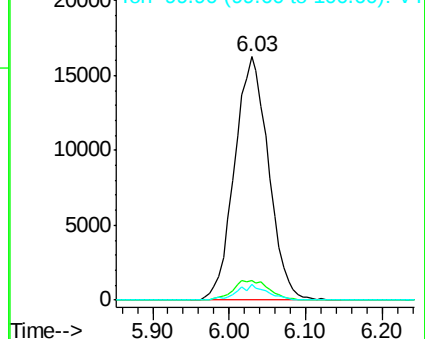
100 6.3 2.5 7.6

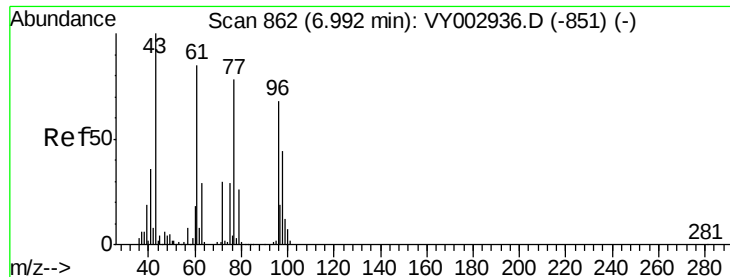


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

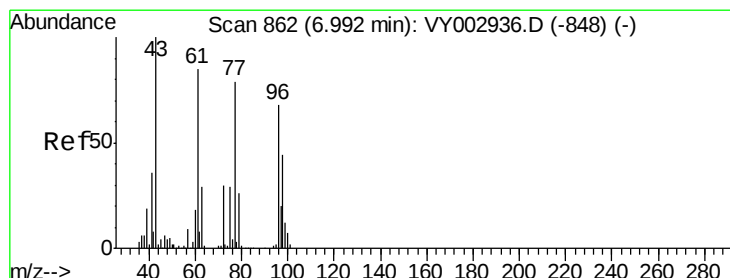
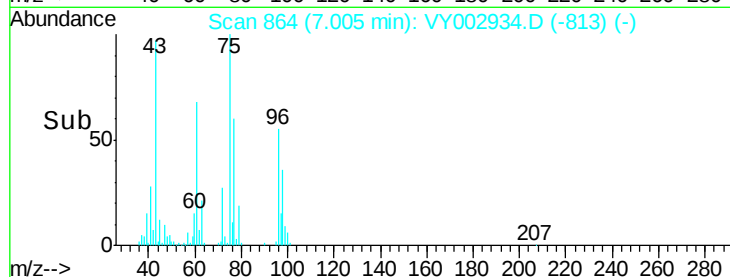
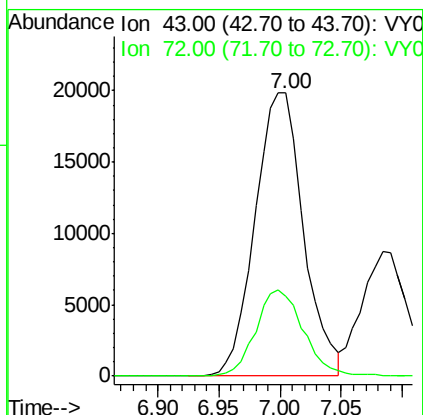
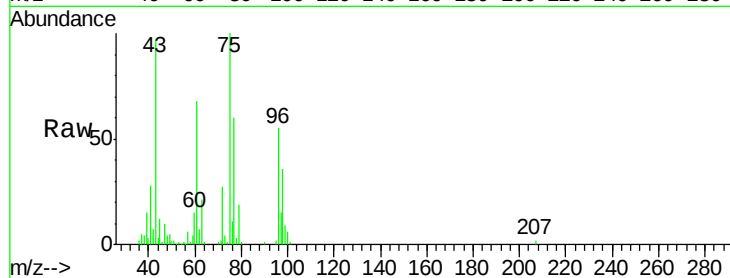




#25
2-Butanone
Concen: 51.235 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

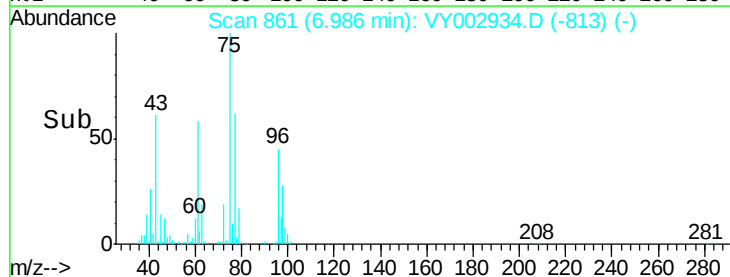
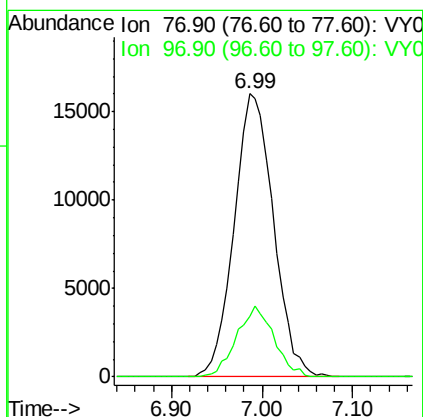
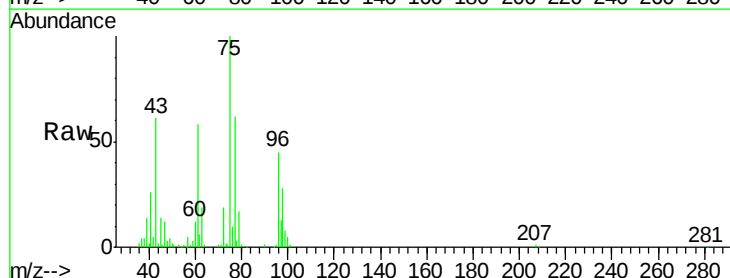
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

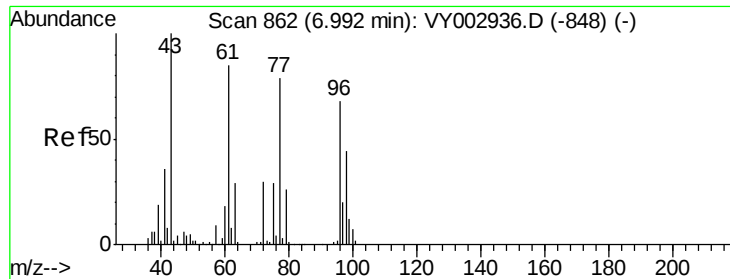
Tgt Ion: 43 Resp: 54716
Ion Ratio Lower Upper
43 100
72 28.2 24.2 36.4



#26
2,2-Dichloropropane
Concen: 10.014 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 77 Resp: 48262
Ion Ratio Lower Upper
77 100
97 23.7 12.3 36.9



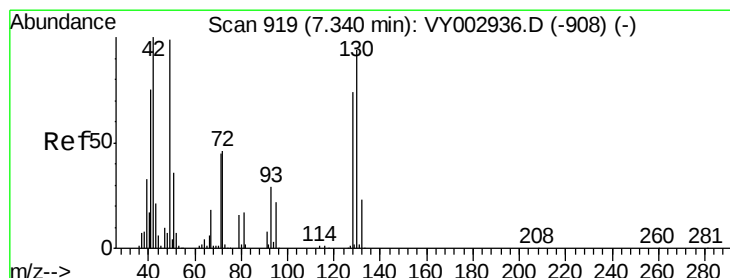
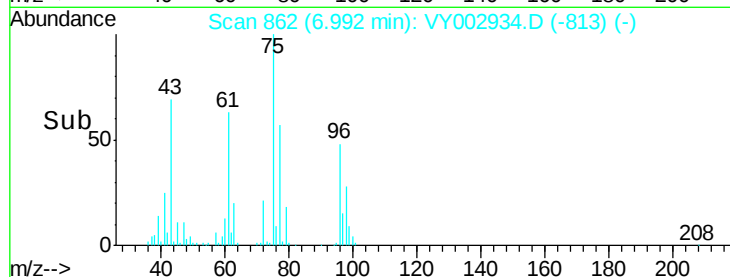
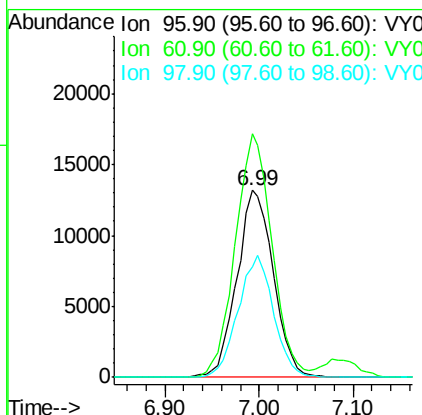
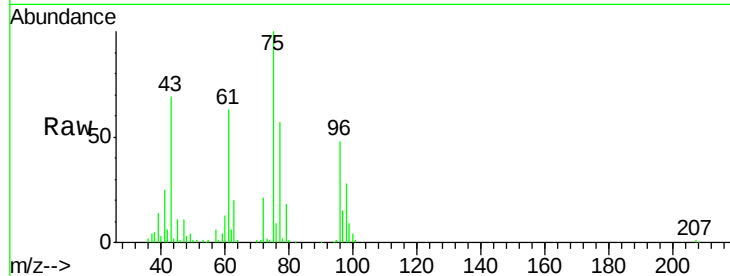


#27

cis-1,2-Dichloroethene
 Concen: 9.924 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

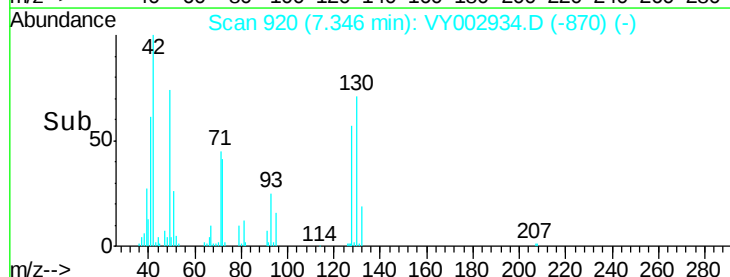
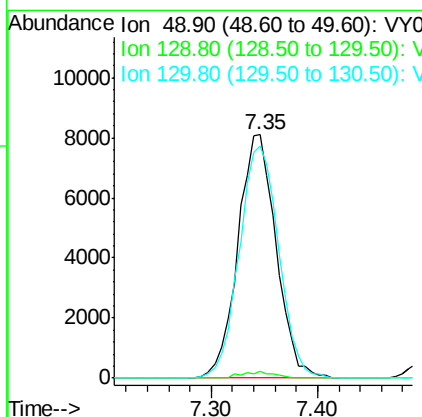
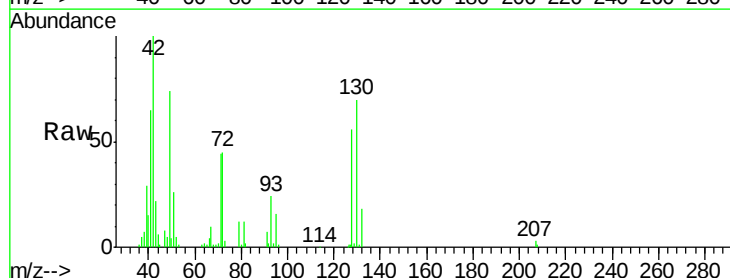
Tgt Ion: 96 Resp: 35766
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 257.0
 98 63.3 0.0 129.8

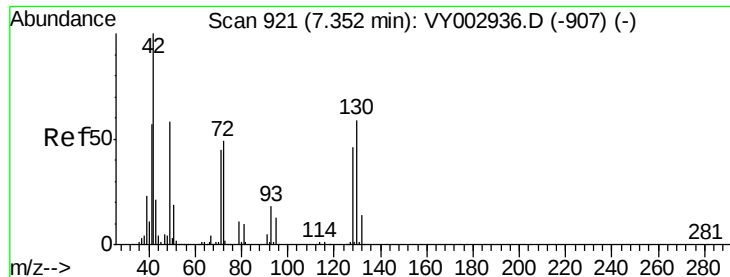


#28

Bromochloromethane
 Concen: 9.678 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 49 Resp: 20421
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 98.6 78.4 117.6

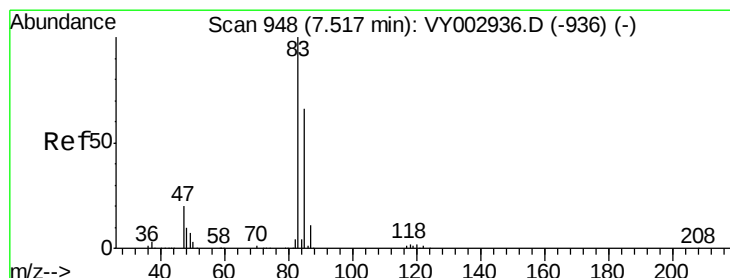
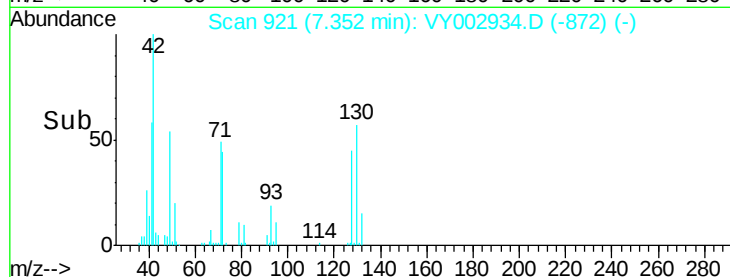
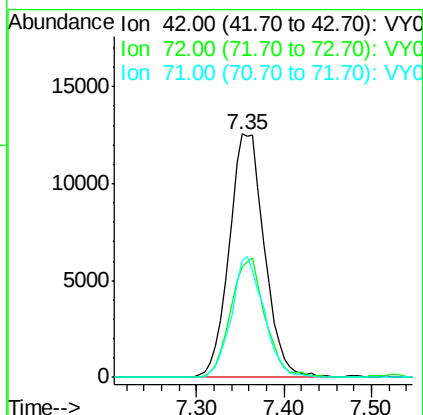
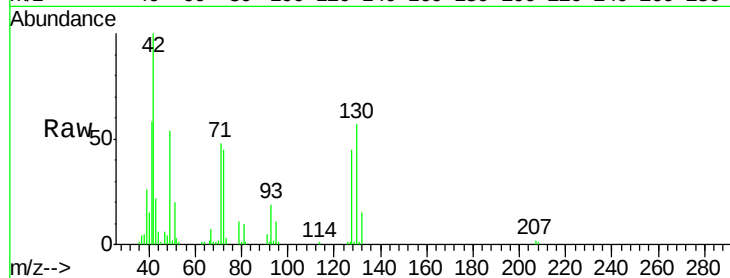




#29
Tetrahydrofuran
Concen: 51.047 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

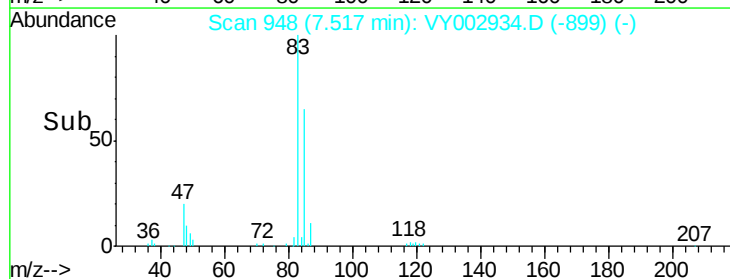
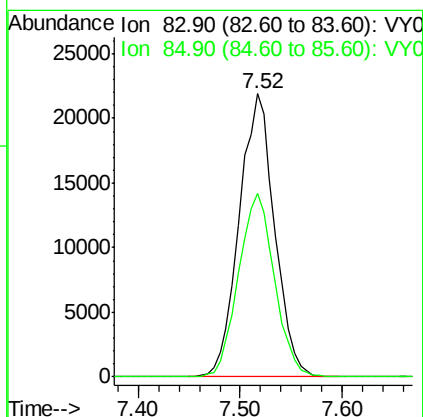
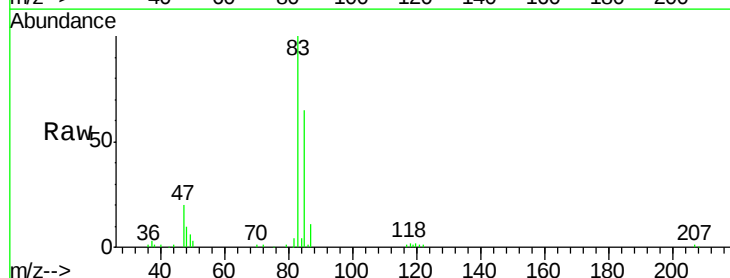
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

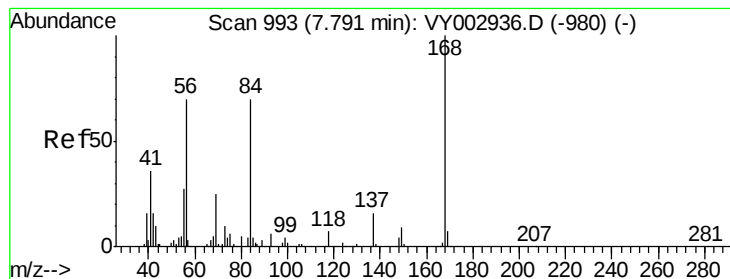
Tgt Ion: 42 Resp: 35155
Ion Ratio Lower Upper
42 100
72 47.8 39.1 58.7
71 45.8 36.4 54.6



#30
Chloroform
Concen: 9.917 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 83 Resp: 52744
Ion Ratio Lower Upper
83 100
85 64.6 53.1 79.7





#31

Cyclohexane

Concen: 9.481 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

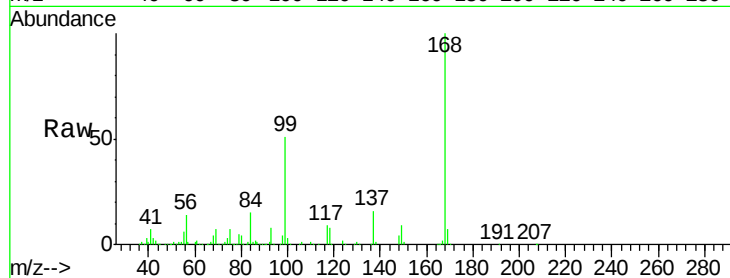
Tgt Ion: 56 Resp: 47515

Ion Ratio Lower Upper

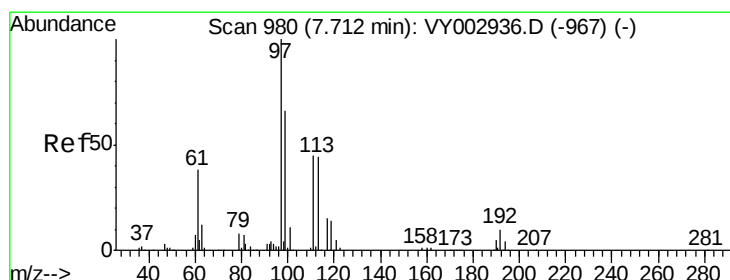
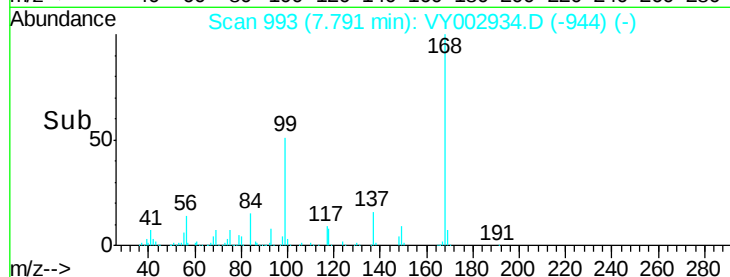
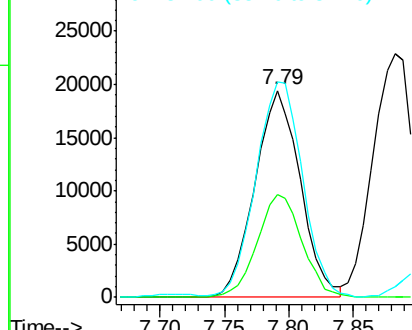
56 100

69 49.2 28.9 43.3#

84 102.8 80.1 120.1



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: 9.716 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

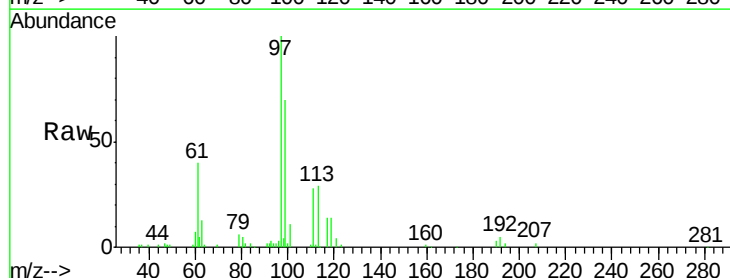
Tgt Ion: 97 Resp: 47398

Ion Ratio Lower Upper

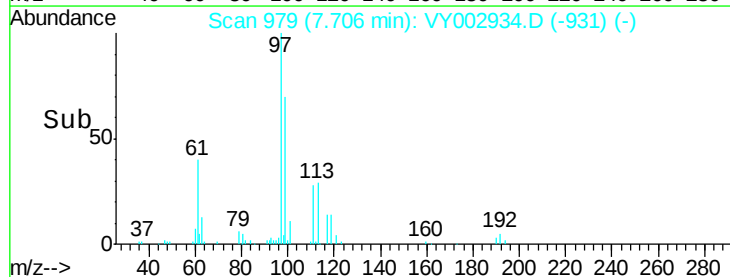
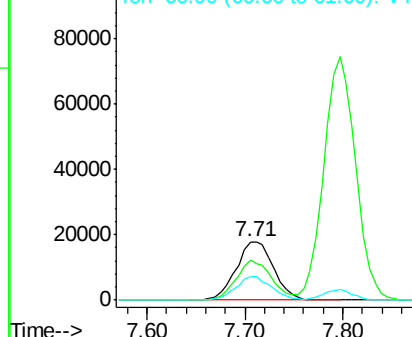
97 100

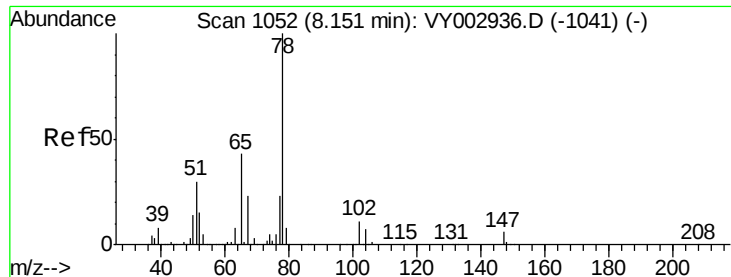
99 64.5 52.2 78.2

61 38.4 30.3 45.5



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: 9.631 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

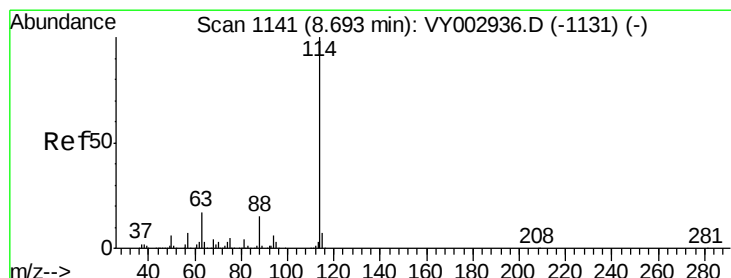
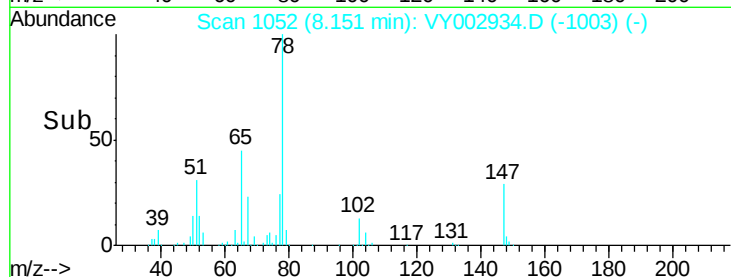
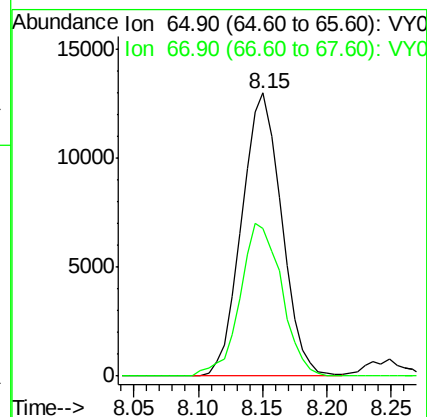
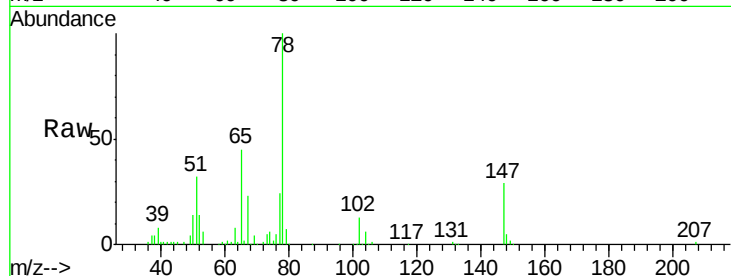
VSTDIC010

Tgt Ion: 65 Resp: 27945

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

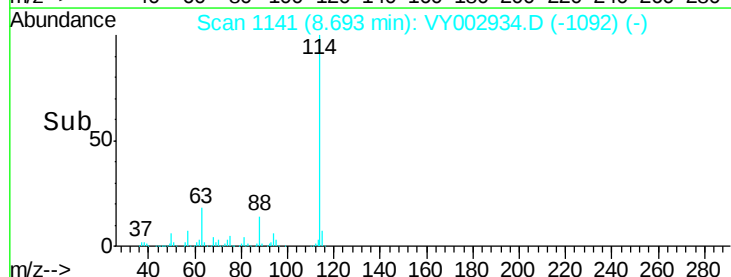
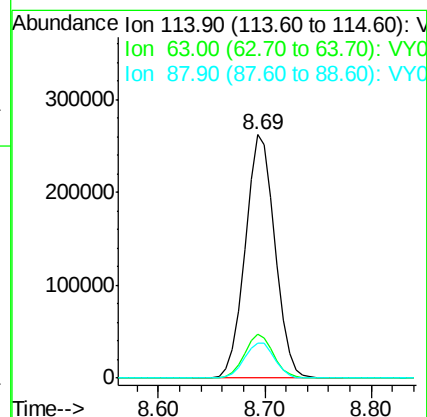
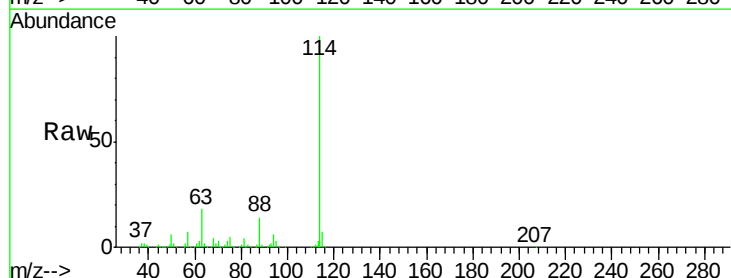
Tgt Ion: 114 Resp: 513265

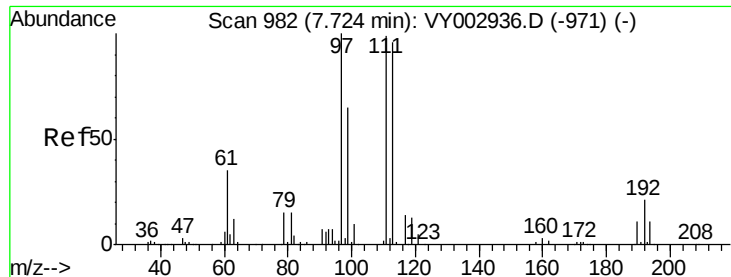
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.6

88 14.5 0.0 29.2

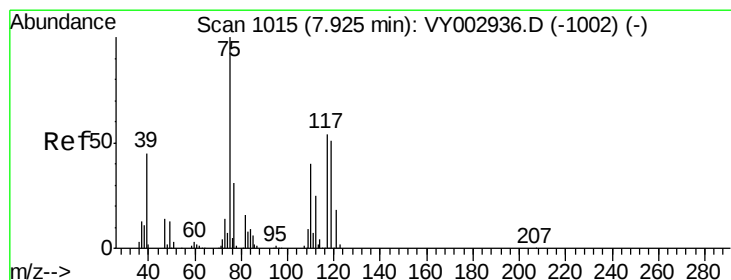
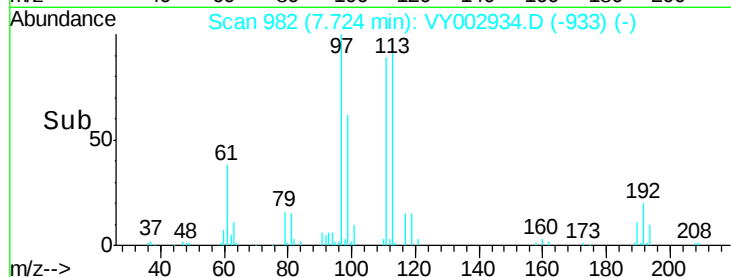
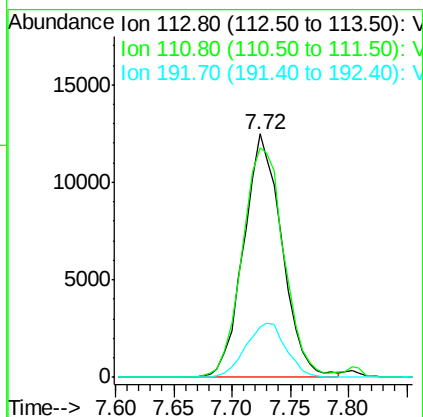
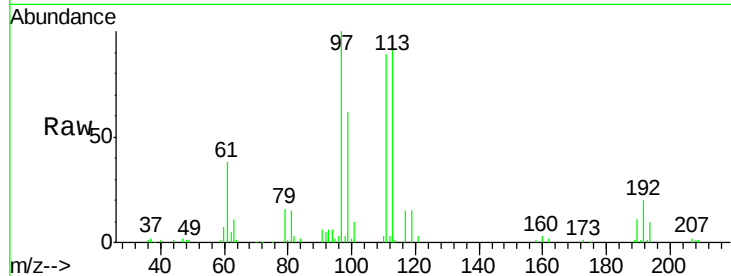




#35
 Dibromofluoromethane
 Concen: 9.731 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

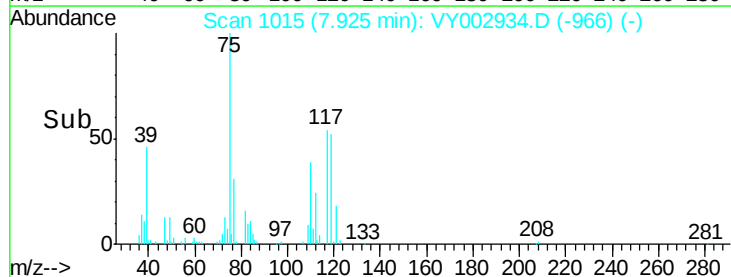
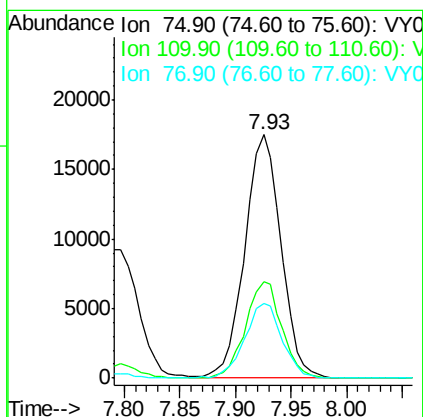
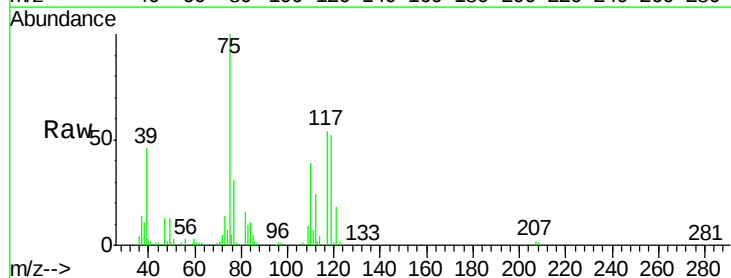
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

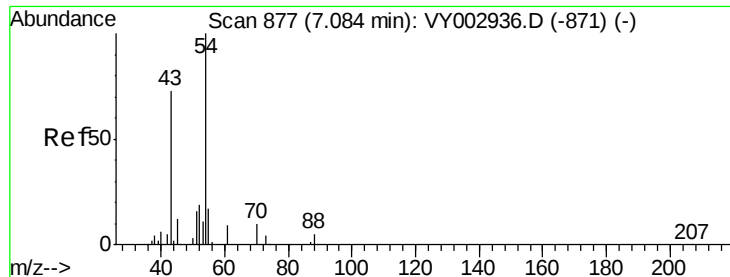
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	23.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 9.578 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.7	59.0
77	31.4	25.0	37.4

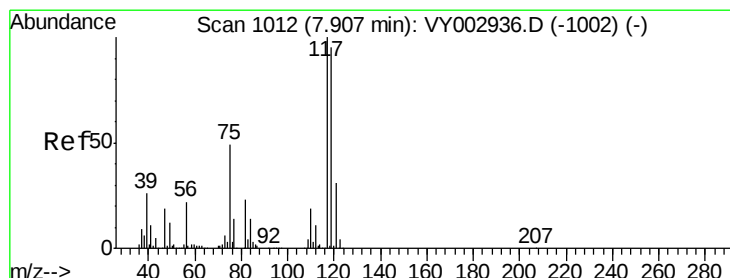
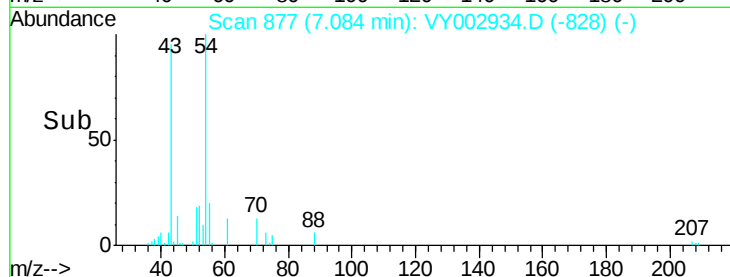
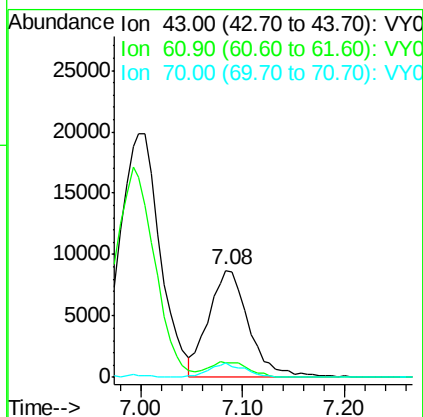
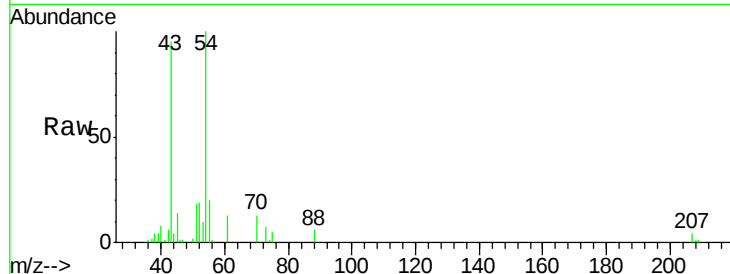




#37
Ethyl Acetate
Concen: 10.255 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

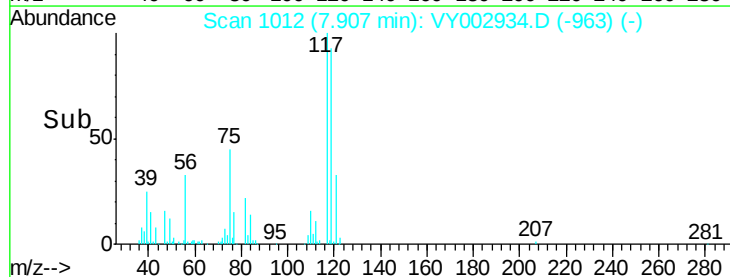
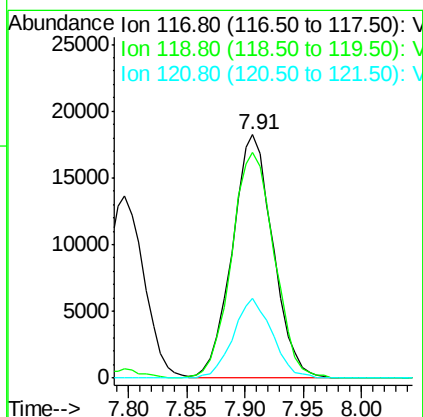
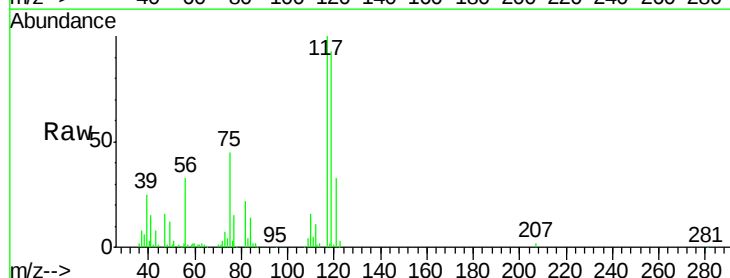
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

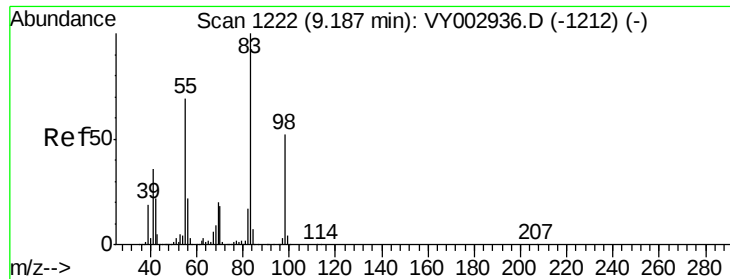
Tgt Ion: 43 Resp: 23980
Ion Ratio Lower Upper
43 100
61 14.2 12.3 18.5
70 11.9 9.7 14.5



#38
Carbon Tetrachloride
Concen: 9.720 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 117 Resp: 44424
Ion Ratio Lower Upper
117 100
119 92.8 76.1 114.1
121 32.6 24.8 37.2

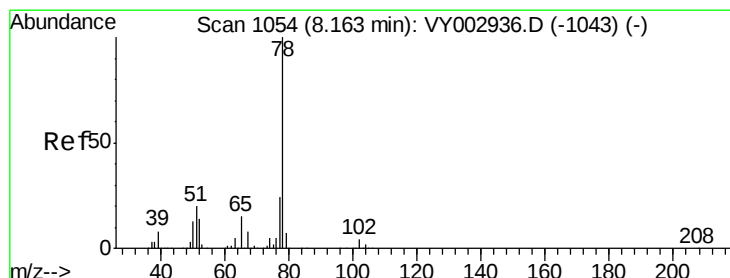
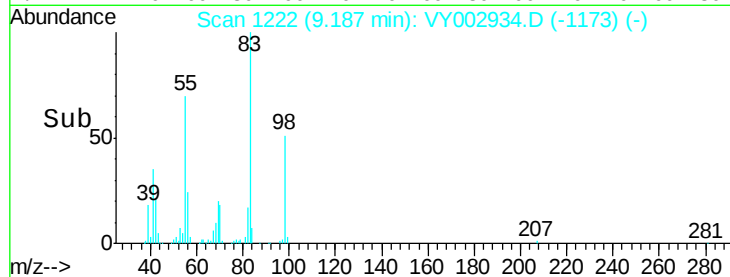
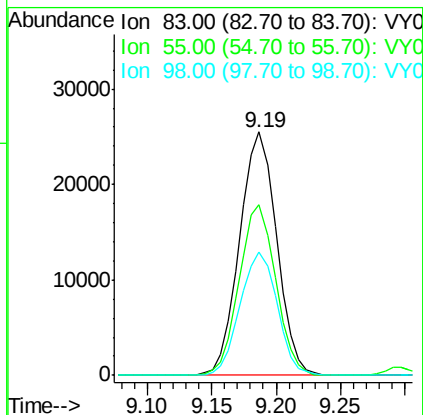
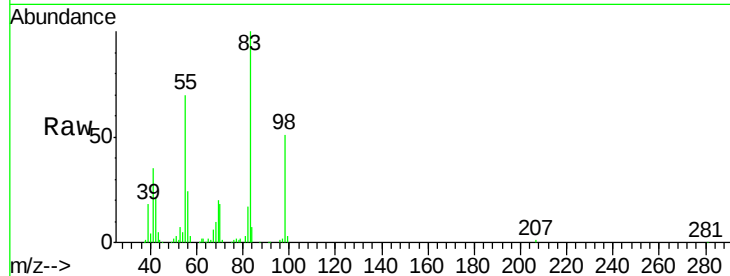




#39
Methylcyclohexane
Concen: 9.385 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

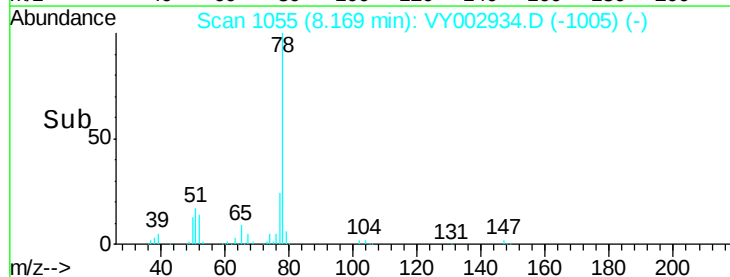
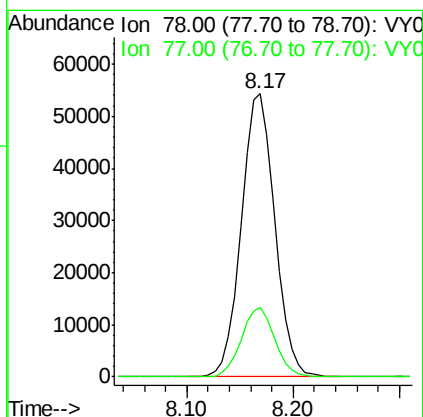
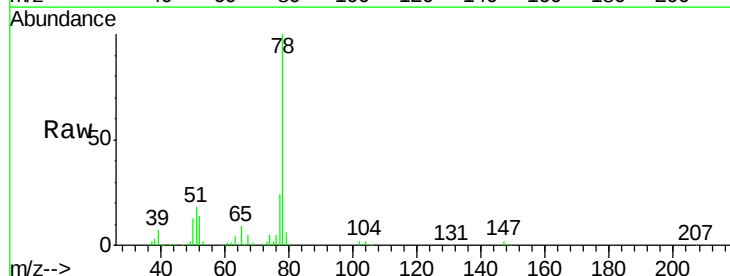
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

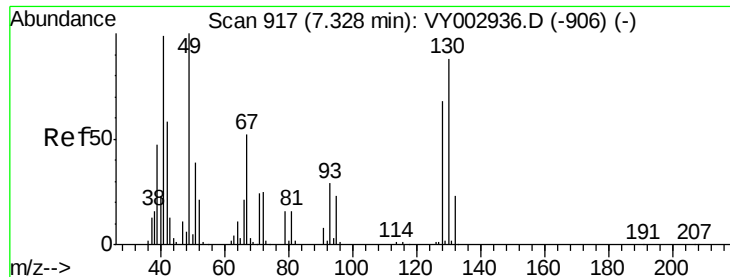
Tgt Ion: 83 Resp: 50887
Ion Ratio Lower Upper
83 100
55 70.0 55.0 82.4
98 50.8 41.4 62.2



#40
Benzene
Concen: 9.643 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 78 Resp: 119882
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41

Methacrylonitrile

Concen: 5.389 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 11395

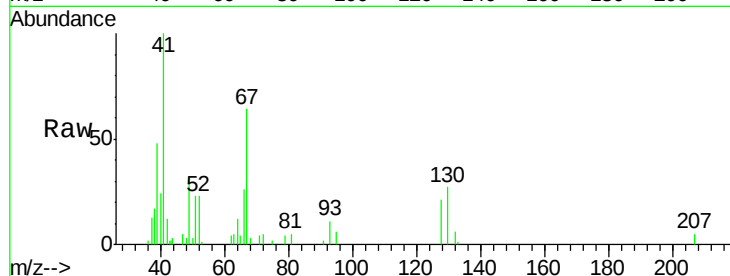
Ion Ratio Lower Upper

41 100

39 58.9 96.6 144.8#

67 90.0 0.0 0.0#

52 35.1 0.0 0.0#

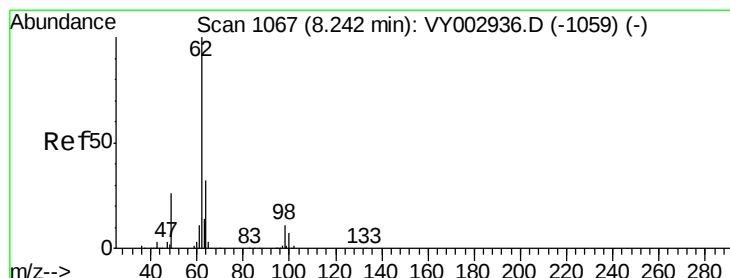
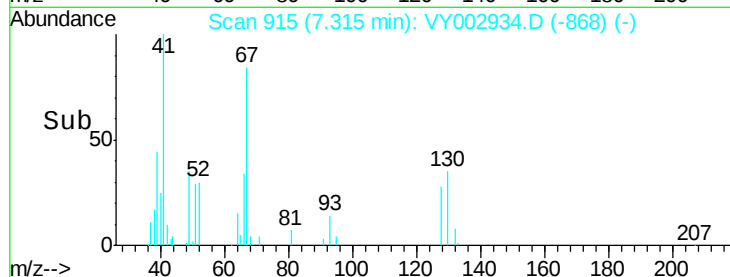
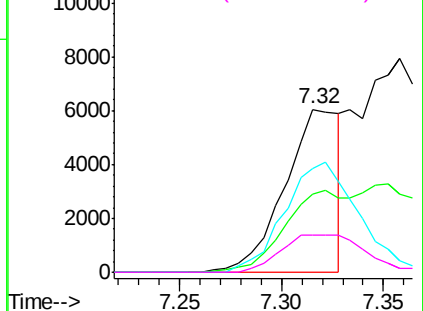


Abundance Ion 41.00 (40.70 to 41.70): VY0

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



#42

1,2-Dichloroethane

Concen: 9.831 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002934.D

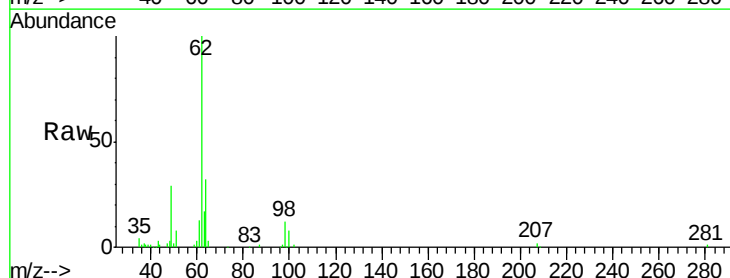
Acq: 19 Jun 2020 13:15

Tgt Ion: 62 Resp: 33988

Ion Ratio Lower Upper

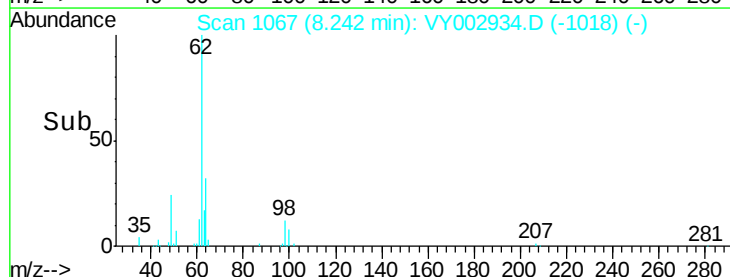
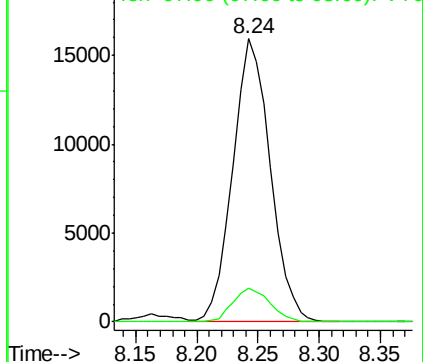
62 100

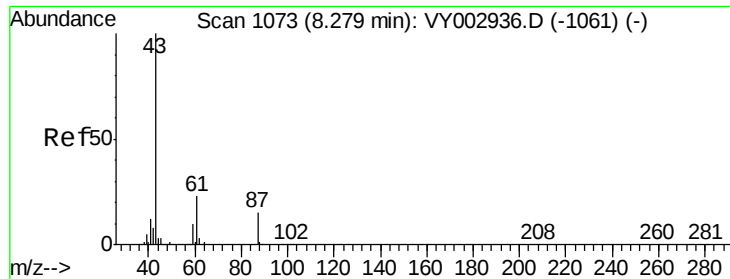
98 11.7 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 9.961 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

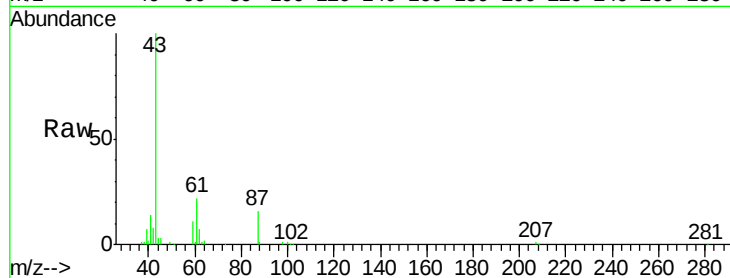
Tgt Ion: 43 Resp: 42669

Ion Ratio Lower Upper

43 100

61 31.3 25.0 37.4

87 15.8 12.6 18.8

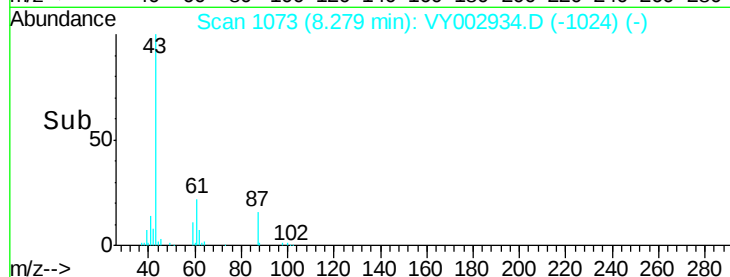


Abundance Ion 43.00 (42.70 to 43.70): VY002934.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002934.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002934.D (-1061) (-)

Time-->



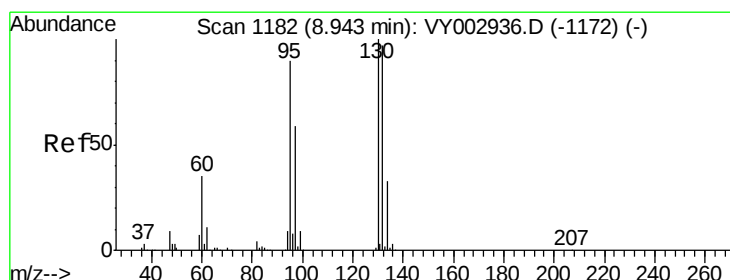
Abundance

Ion 43.00 (42.70 to 43.70): VY002934.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002934.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002934.D (-1061) (-)

Time-->



#44

Trichloroethene

Concen: 9.671 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002934.D

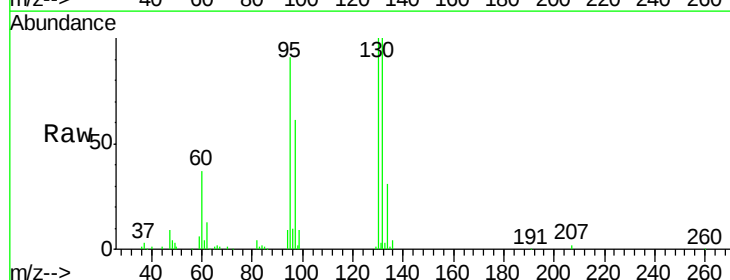
Acq: 19 Jun 2020 13:15

Tgt Ion: 130 Resp: 37360

Ion Ratio Lower Upper

130 100

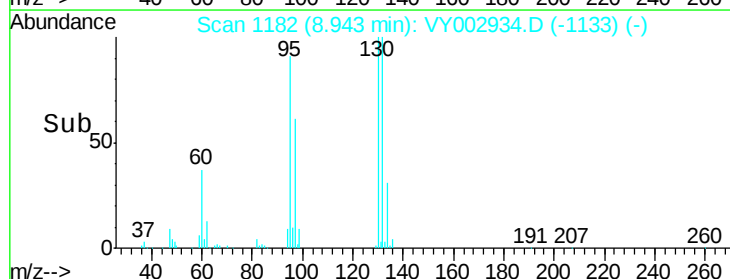
95 90.8 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002934.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002934.D (-1172) (-)

Time-->

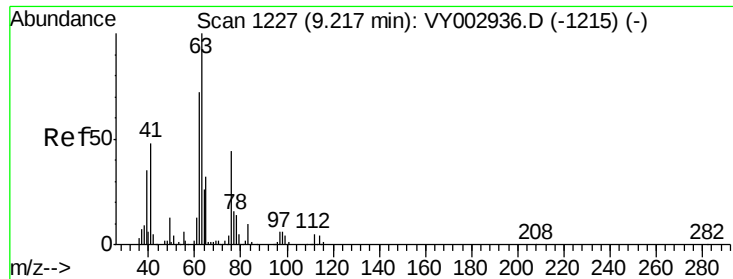


Abundance

Ion 129.80 (129.50 to 130.50): VY002934.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002934.D (-1172) (-)

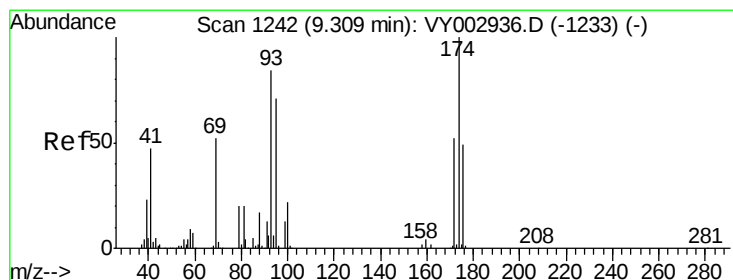
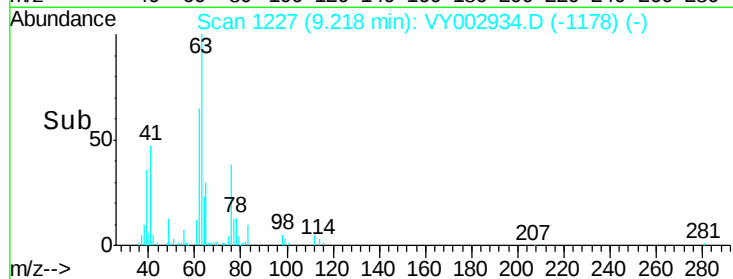
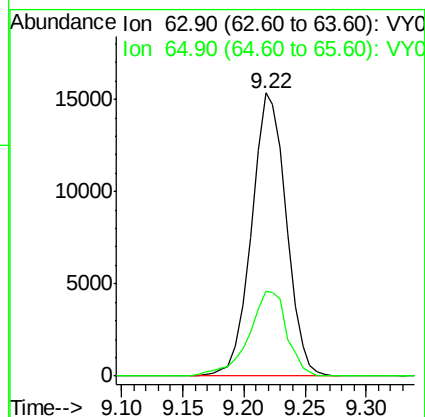
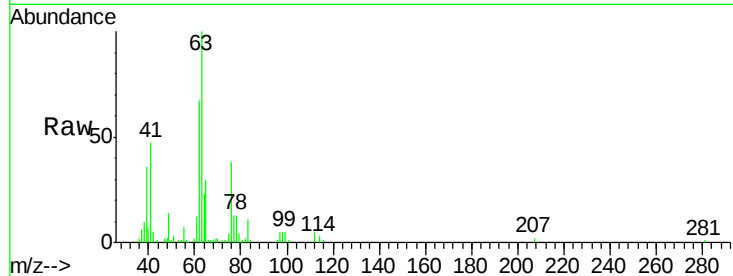
Time-->



#45
 1,2-Dichloropropane
 Concen: 10.111 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

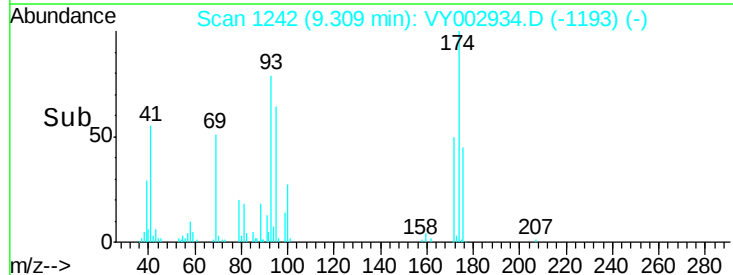
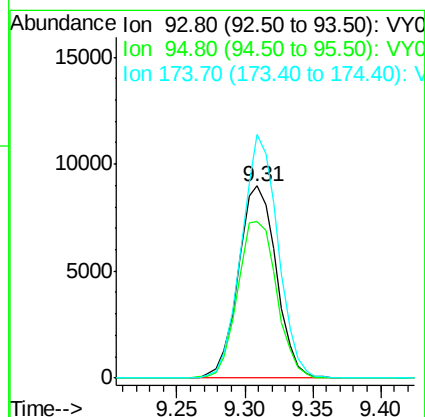
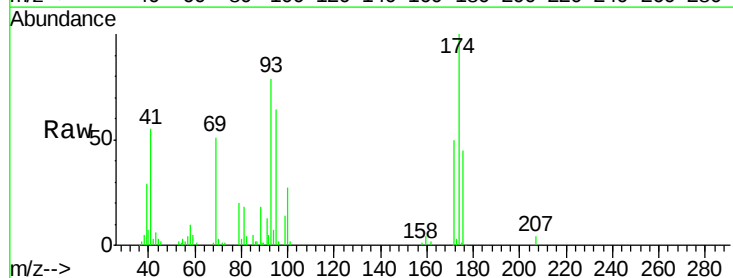
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

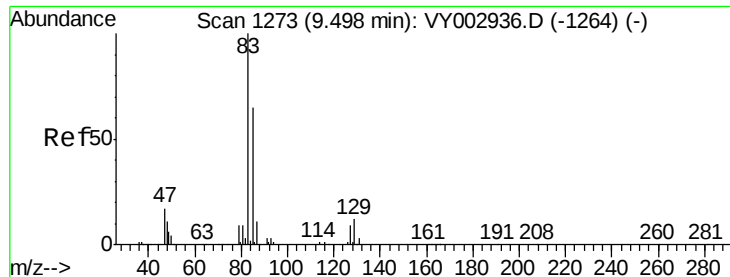
Tgt Ion: 63 Resp: 30312
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.5 38.3



#46
 Dibromomethane
 Concen: 9.811 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 93 Resp: 17557
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 121.6 95.1 142.7





#47

Bromodichloromethane

Concen: 10.021 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

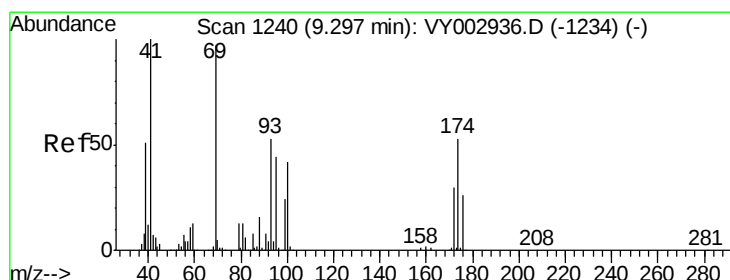
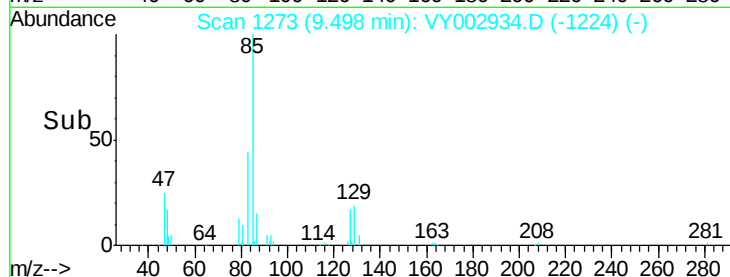
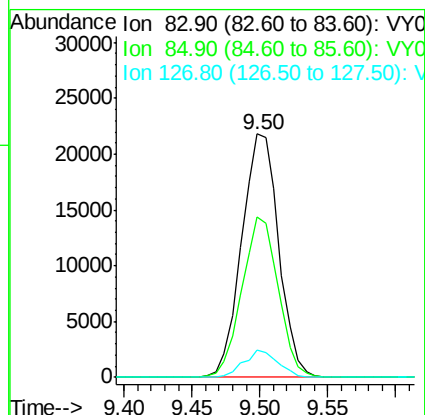
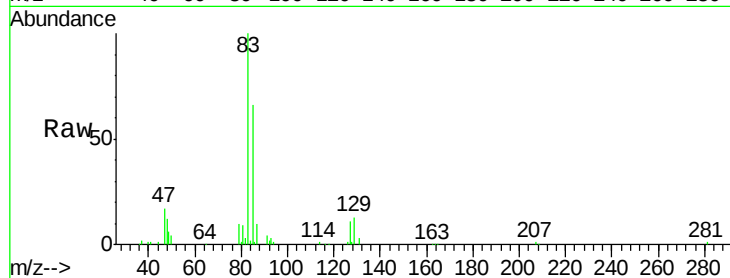
Tgt Ion: 83 Resp: 41477

Ion Ratio Lower Upper

83 100

85 66.1 51.9 77.9

127 11.3 7.4 11.0#



#48

Methyl methacrylate

Concen: 9.915 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

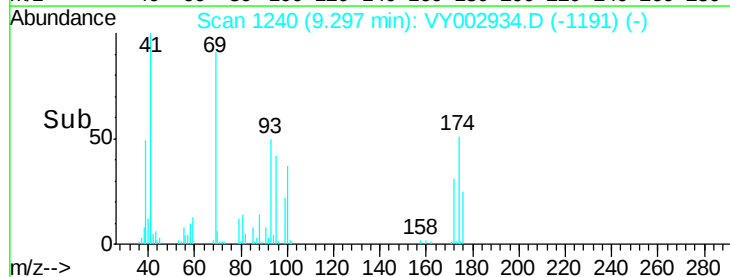
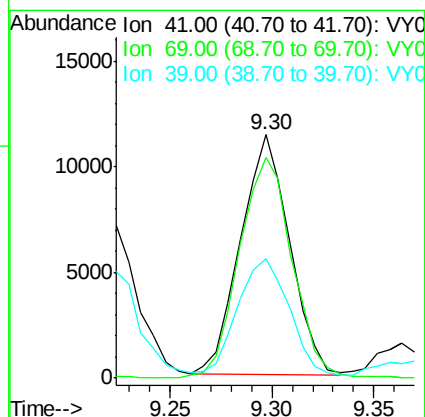
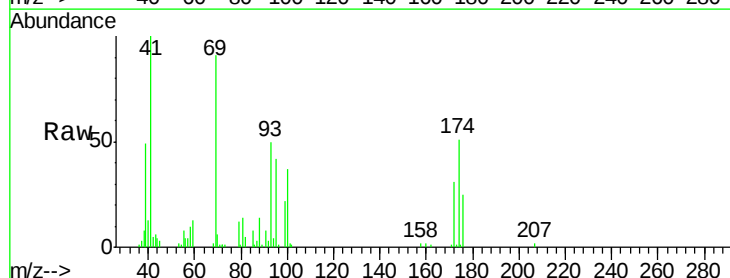
Tgt Ion: 41 Resp: 18890

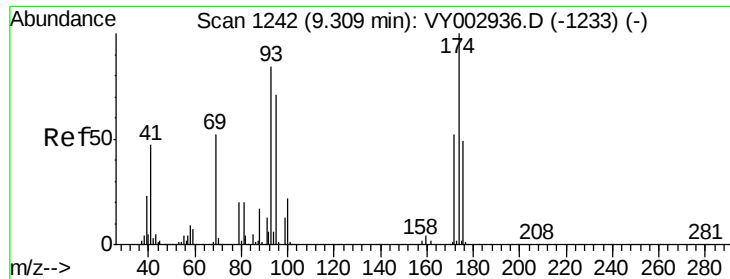
Ion Ratio Lower Upper

41 100

69 99.5 79.4 119.0

39 54.0 41.1 61.7





#49

1,4-Dioxane

Concen: 185.085 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

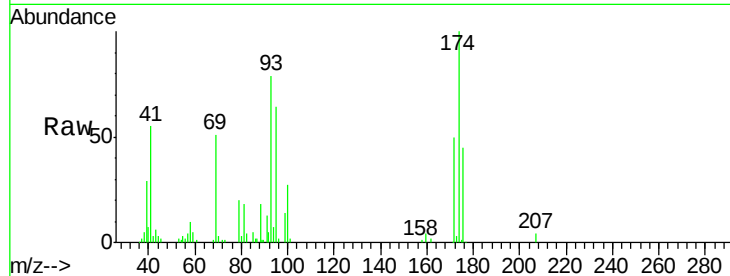
Tgt Ion: 88 Resp: 4785

Ion Ratio Lower Upper

88 100

43 30.2 21.0 31.6

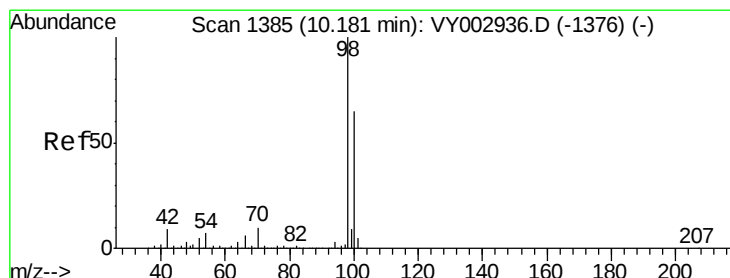
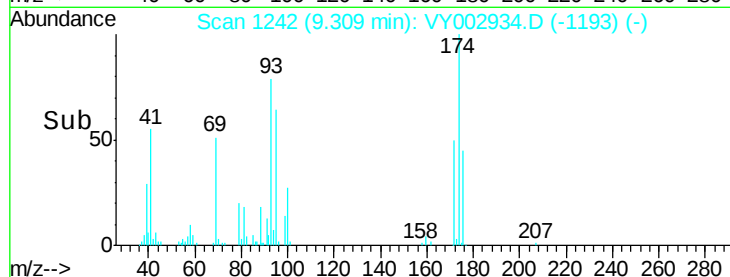
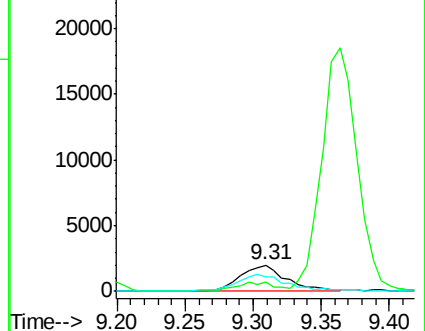
58 73.4 51.5 77.3



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 9.610 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002934.D

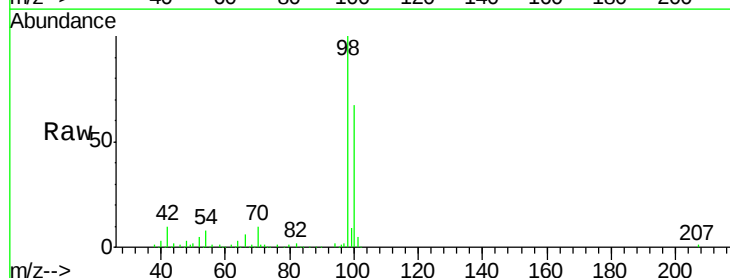
Acq: 19 Jun 2020 13:15

Tgt Ion: 98 Resp: 110830

Ion Ratio Lower Upper

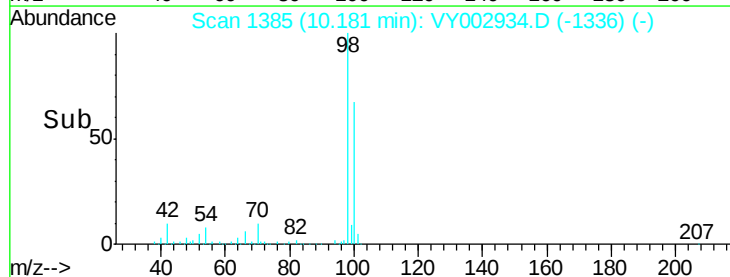
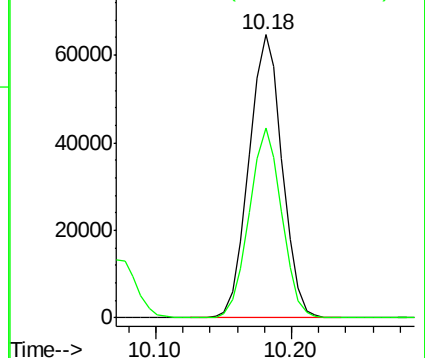
98 100

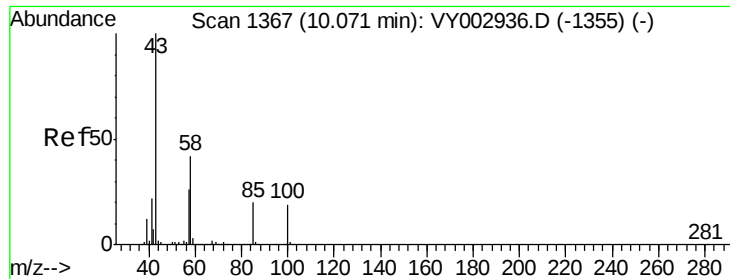
100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

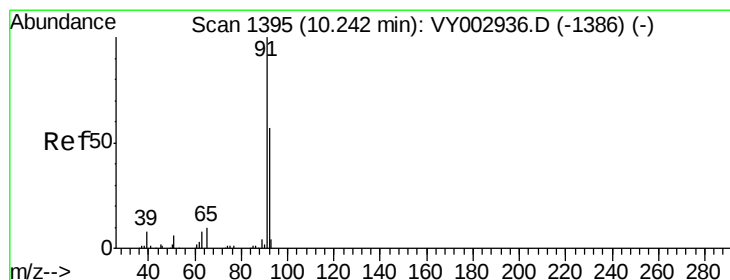
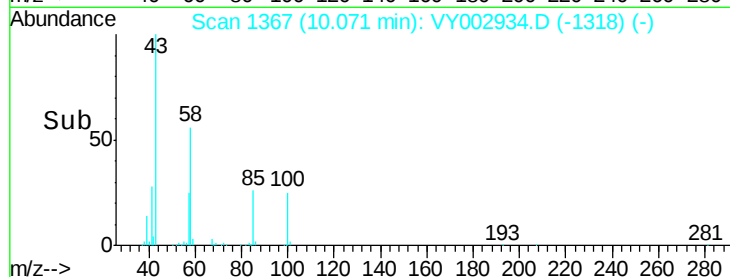
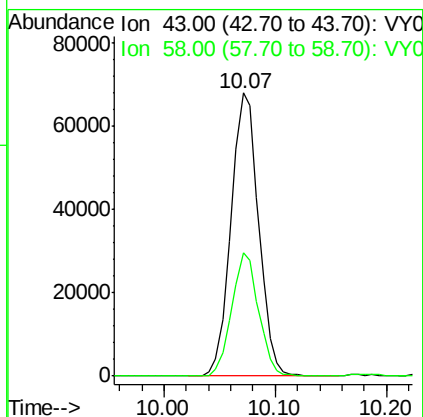
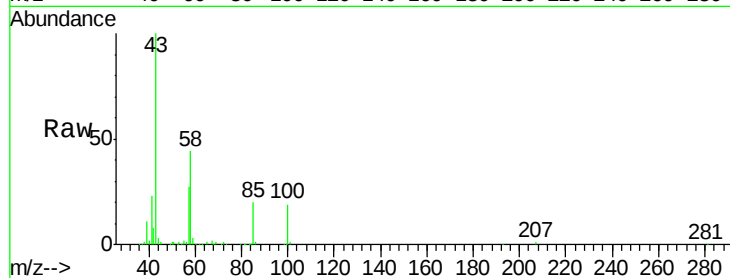




#51
 4-Methyl-2-Pentanone
 Concen: 51.179 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

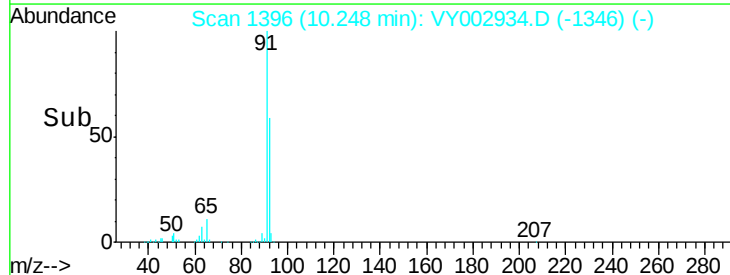
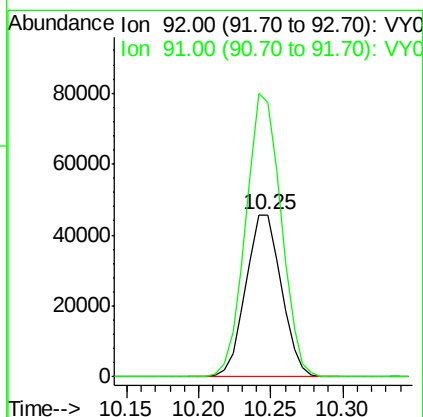
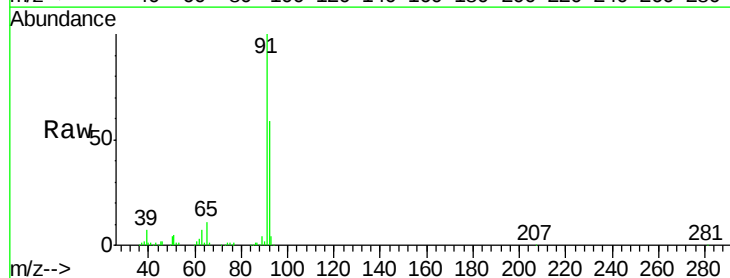
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

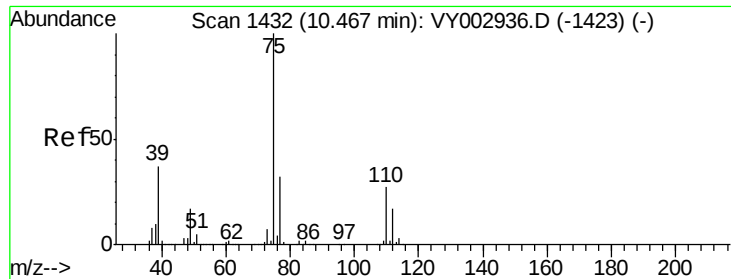
Tgt Ion: 43 Resp: 117108
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.9 50.9



#52
 Toluene
 Concen: 9.771 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 92 Resp: 78516
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 9.899 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

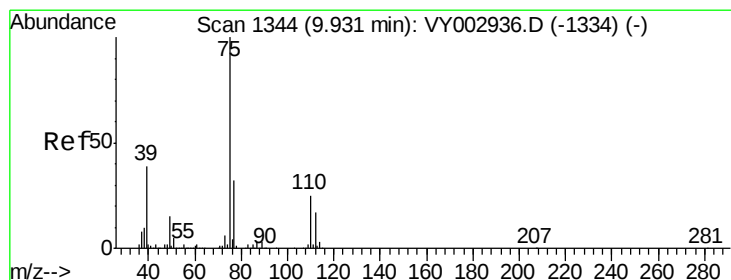
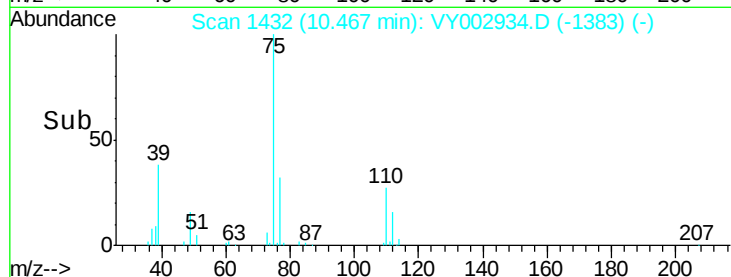
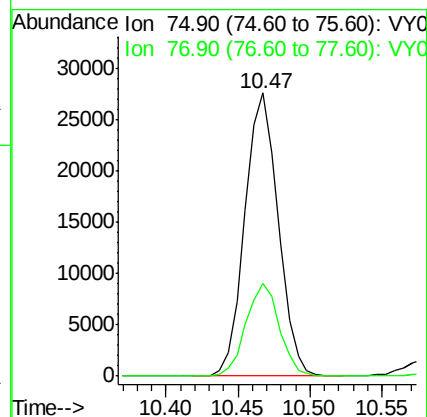
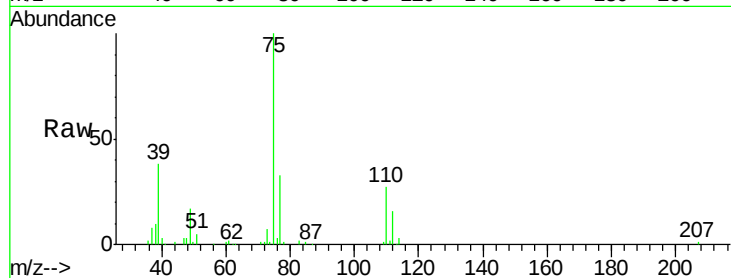
VSTDIC010

Tgt Ion: 75 Resp: 44381

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 9.853 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

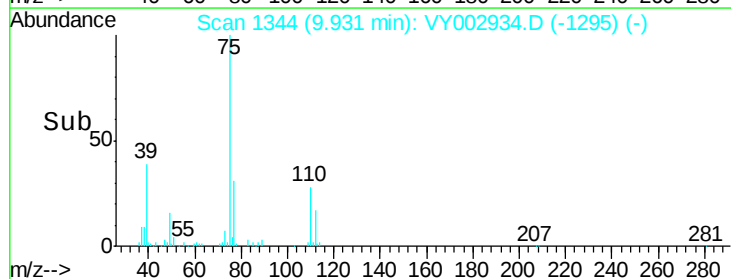
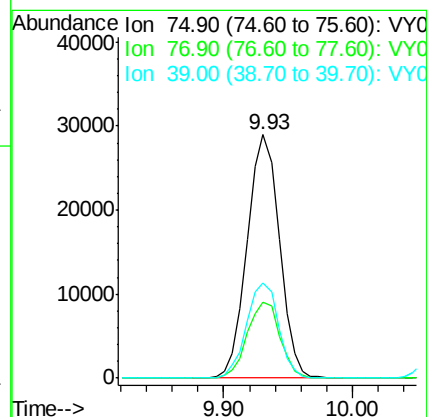
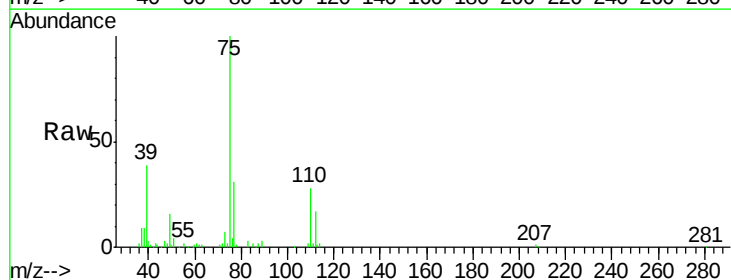
Tgt Ion: 75 Resp: 50121

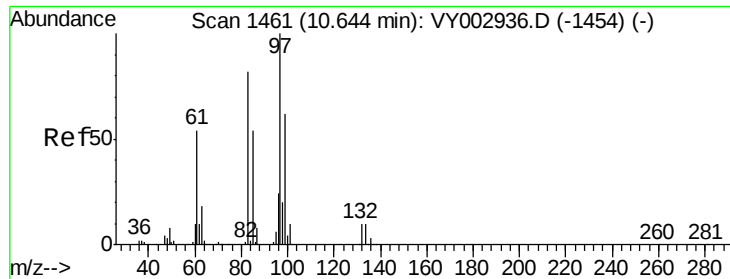
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 38.8 31.4 47.0

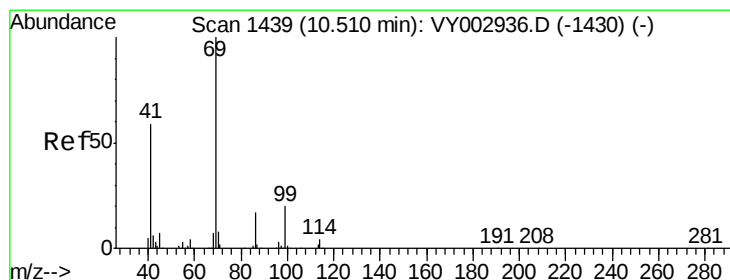
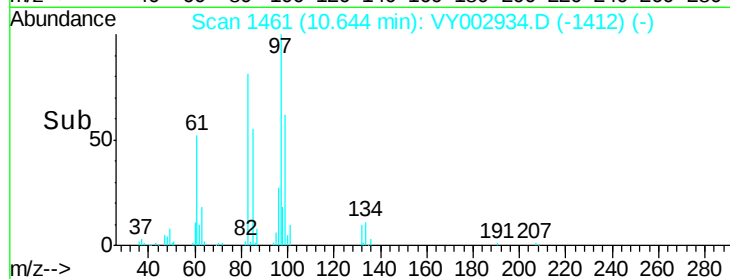
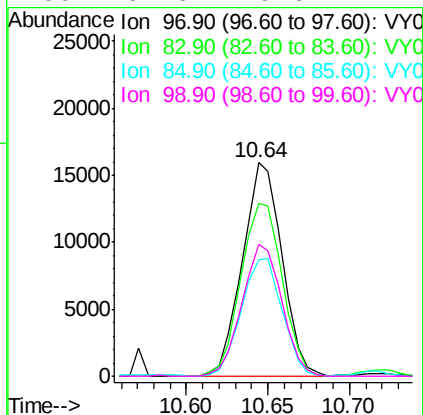
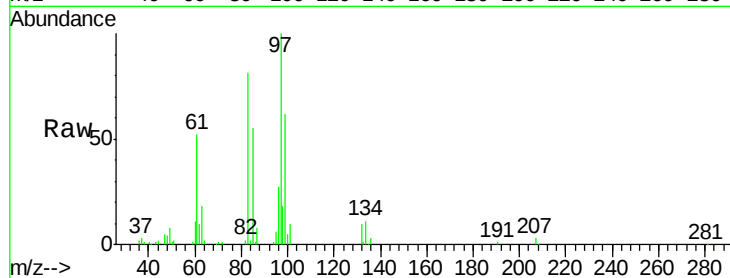




#55
 1,1,2-Trichloroethane
 Concen: 10.057 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

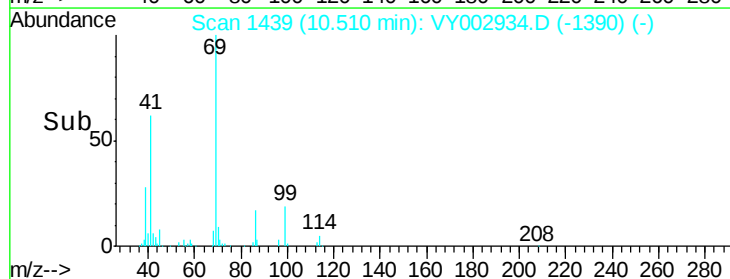
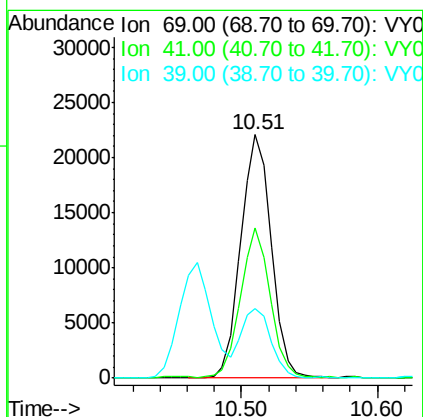
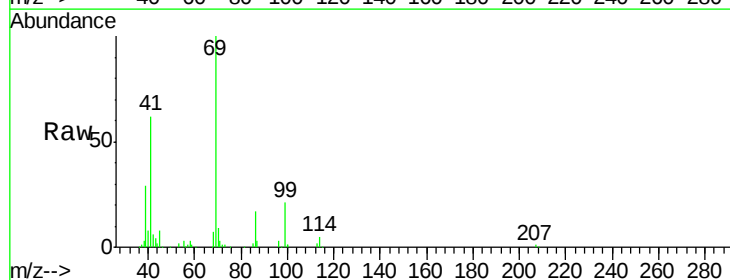
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

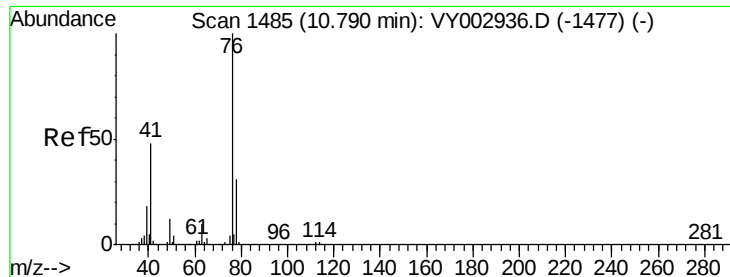
Tgt Ion:	97	Resp:	26940
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.9	98.9
85	54.8	43.1	64.7
99	61.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 9.820 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion:	69	Resp:	34648
Ion	Ratio	Lower	Upper
69	100		
41	60.4	46.4	69.6
39	28.2	21.4	32.0





#57

1,3-Dichloropropane

Concen: 9.994 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

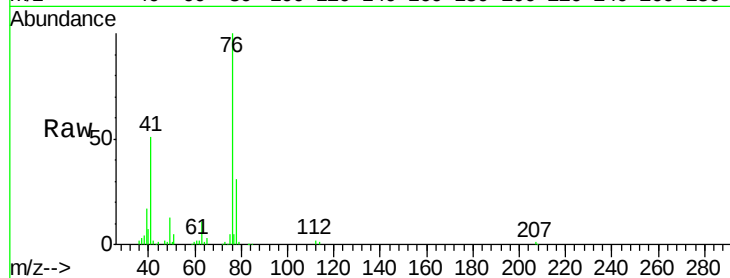
VSTDIC010

Tgt Ion: 76 Resp: 44682

Ion Ratio Lower Upper

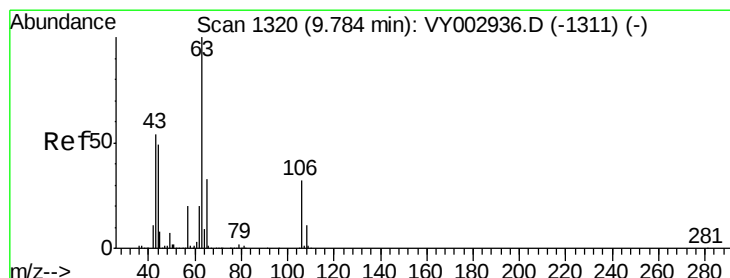
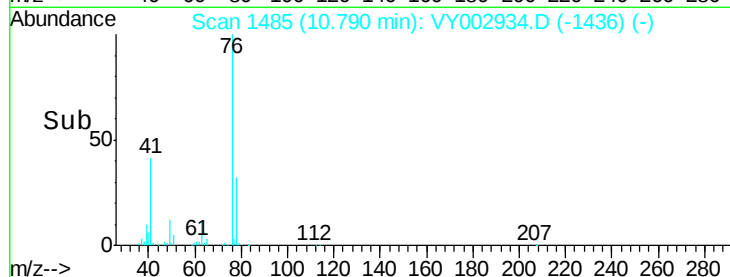
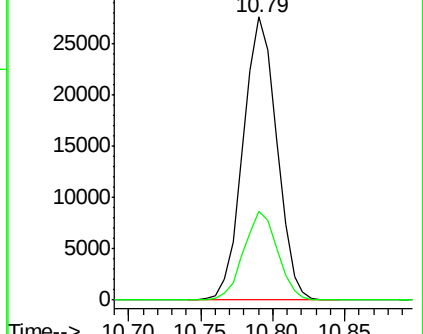
76 100

78 31.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 49.504 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002934.D

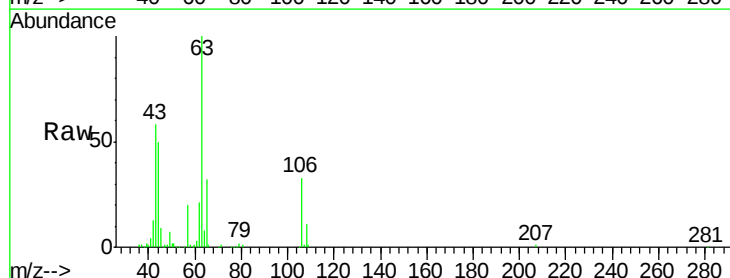
Acq: 19 Jun 2020 13:15

Tgt Ion: 63 Resp: 87390

Ion Ratio Lower Upper

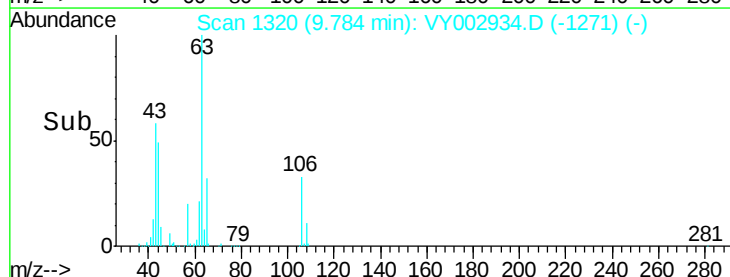
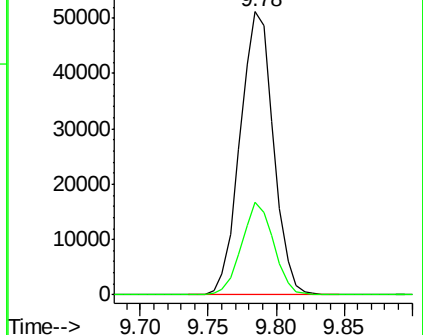
63 100

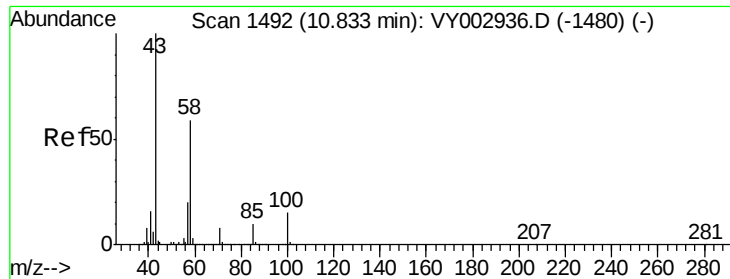
106 31.4 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

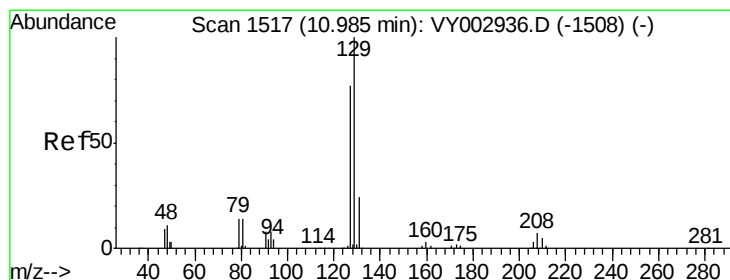
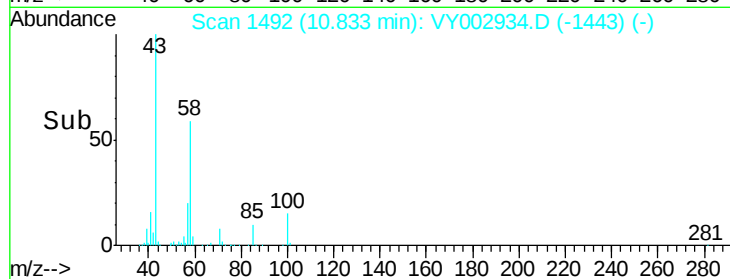
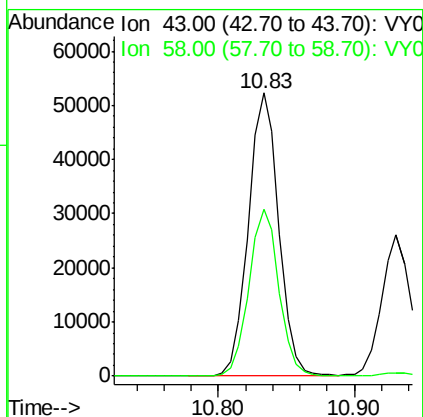
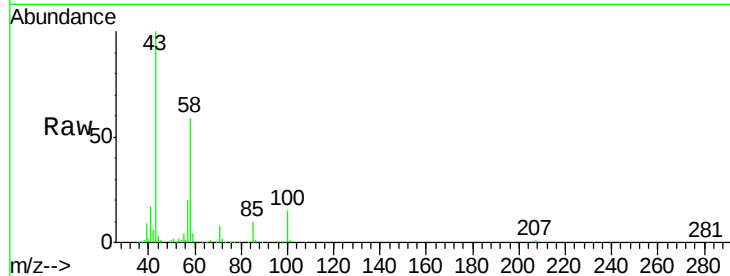




#59
2-Hexanone
Concen: 51.171 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

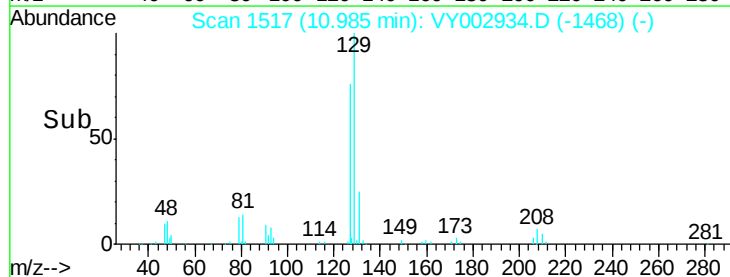
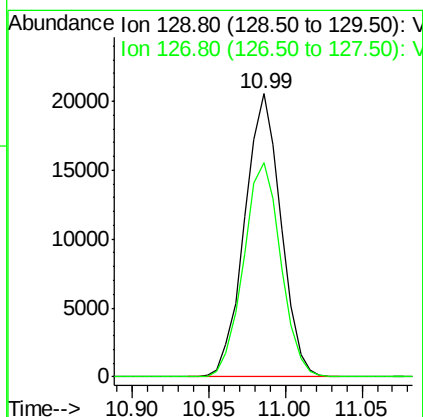
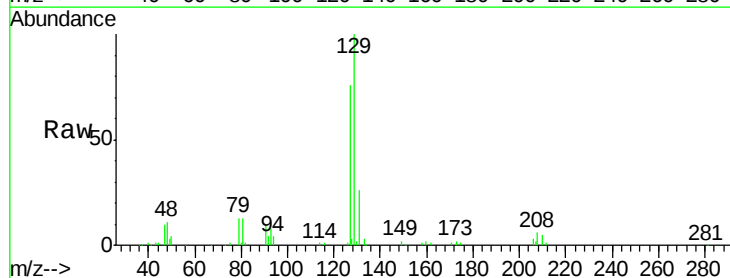
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

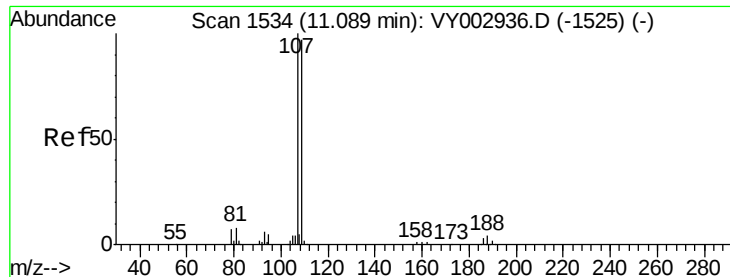
Tgt Ion: 43 Resp: 81827
Ion Ratio Lower Upper
43 100
58 58.5 29.7 89.1



#60
Dibromochloromethane
Concen: 10.019 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 129 Resp: 33890
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

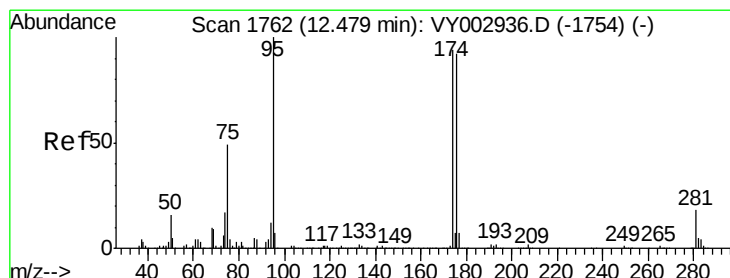
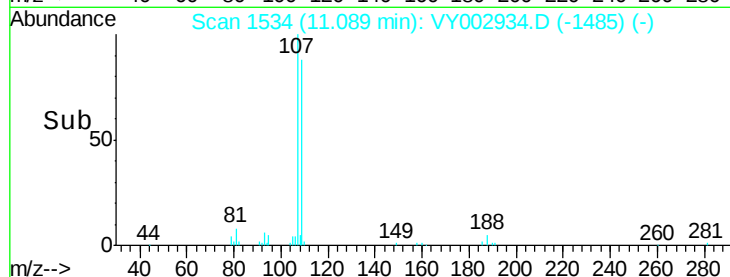
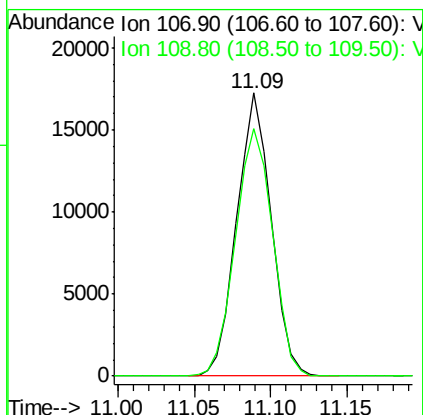
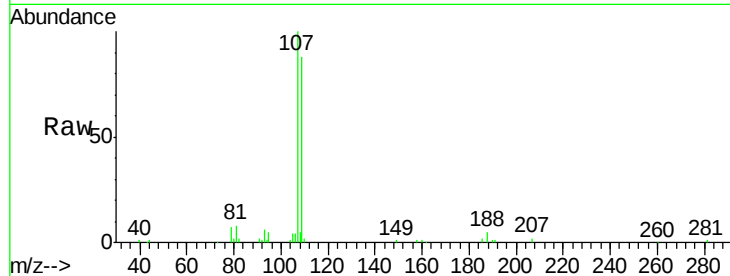




#61
1,2-Dibromoethane
Concen: 10.201 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

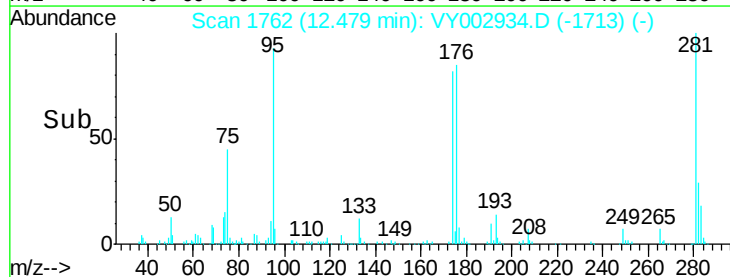
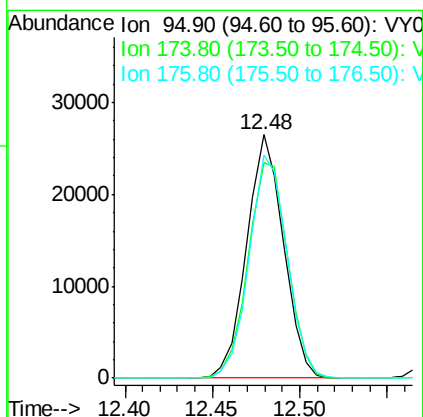
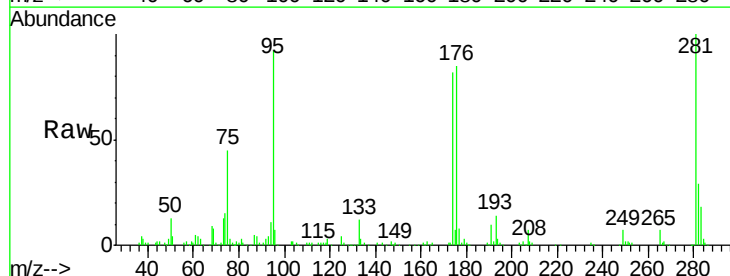
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

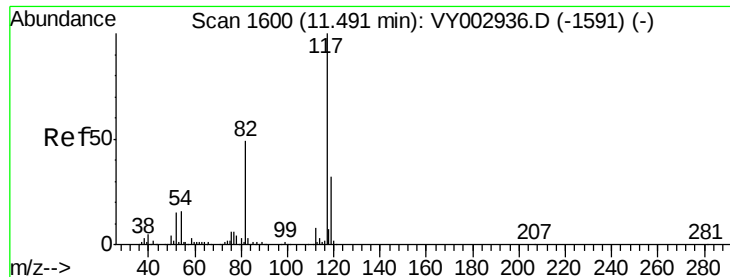
Tgt Ion: 107 Resp: 26953
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 9.560 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion: 95 Resp: 38760
Ion Ratio Lower Upper
95 100
174 95.4 0.0 191.2
176 94.2 0.0 186.0

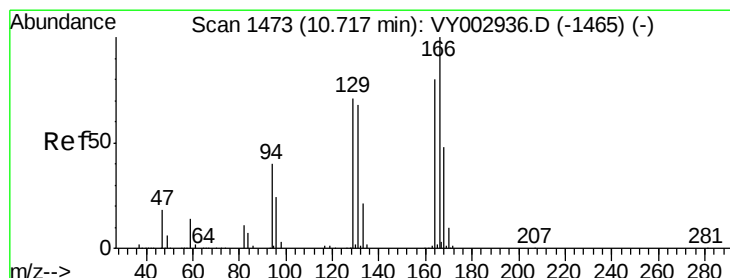
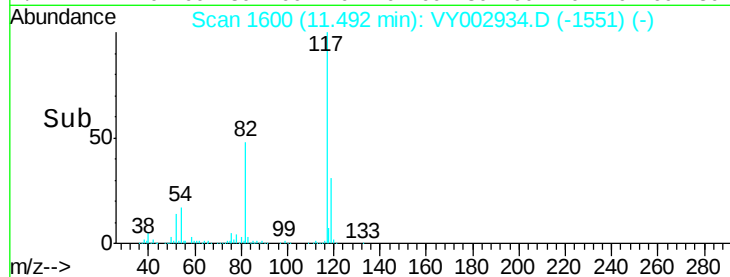
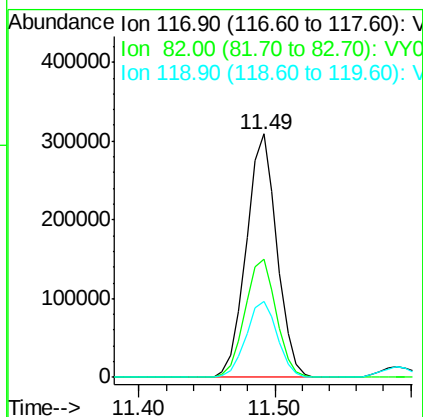
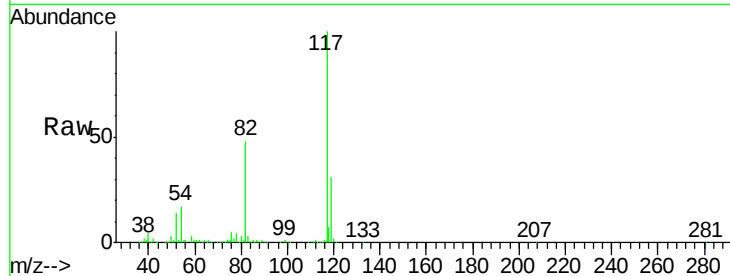




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

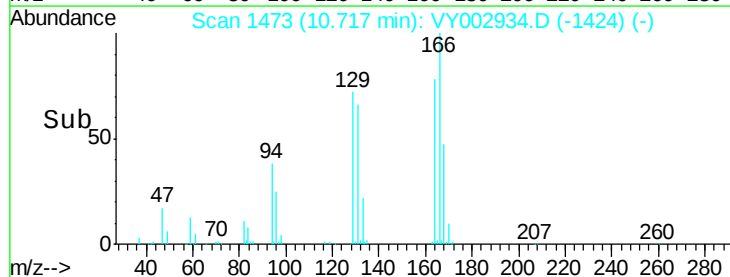
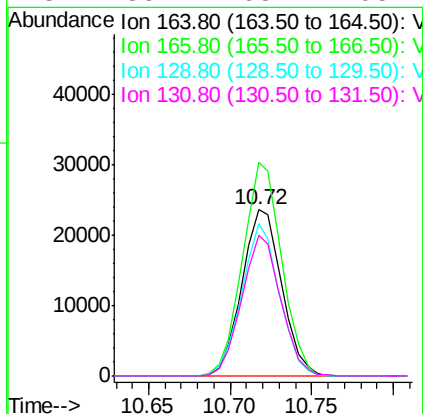
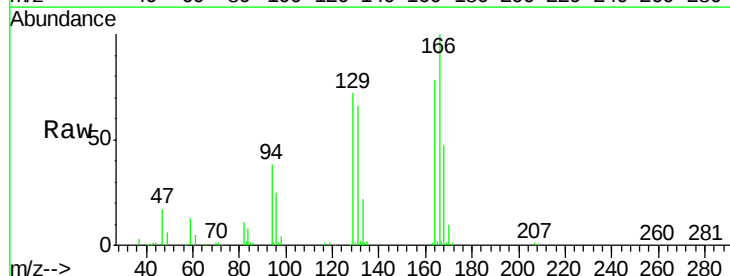
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

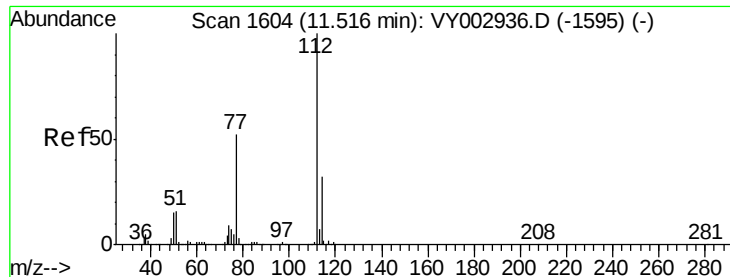
Tgt Ion:117 Resp: 485386
Ion Ratio Lower Upper
117 100
82 48.3 39.4 59.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 9.738 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion:164 Resp: 40018
Ion Ratio Lower Upper
164 100
166 128.8 100.5 150.7
129 92.1 71.1 106.7
131 85.1 68.7 103.1

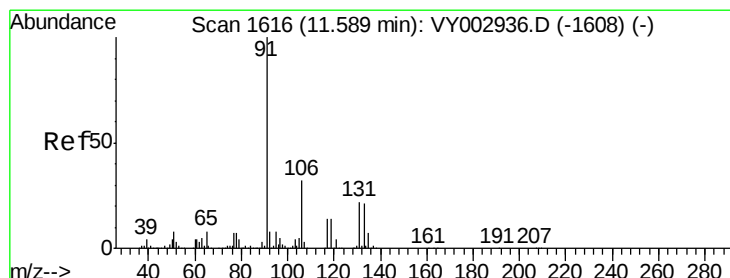
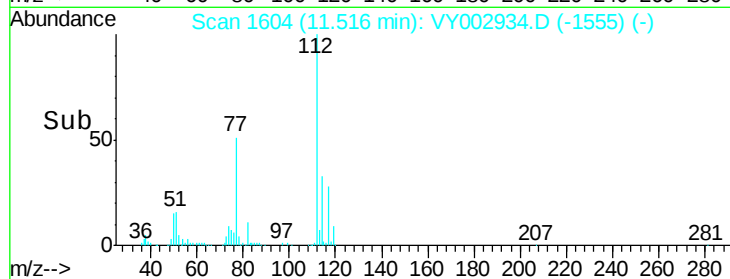
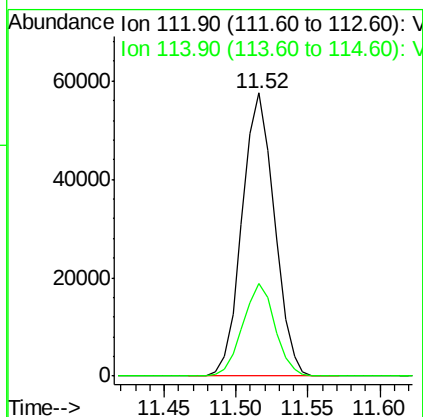
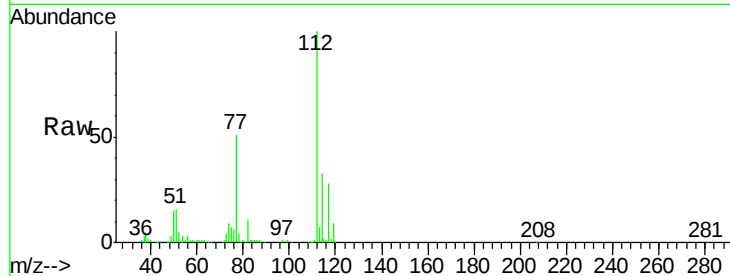




#65
Chlorobenzene
Concen: 9.765 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

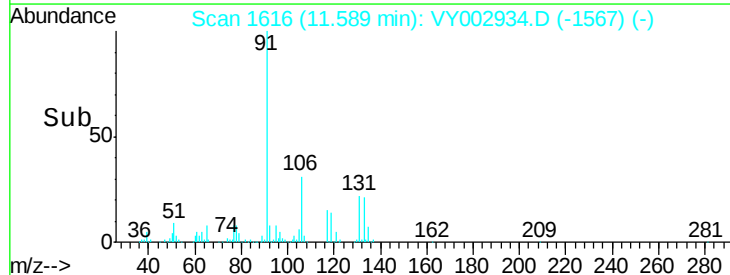
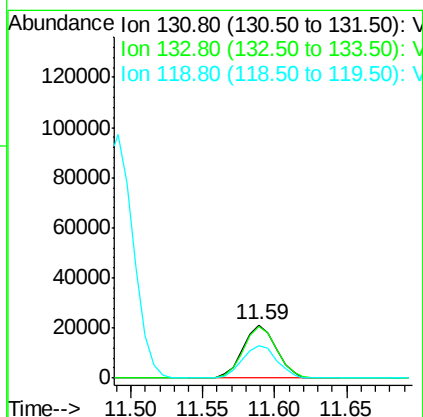
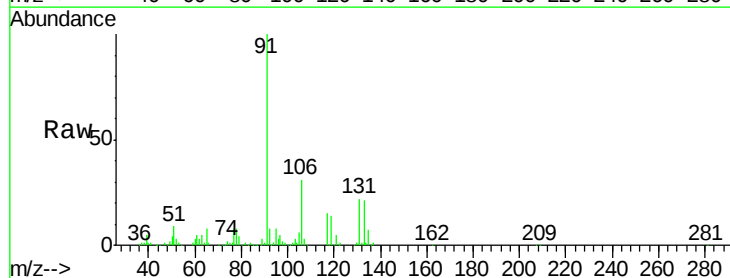
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

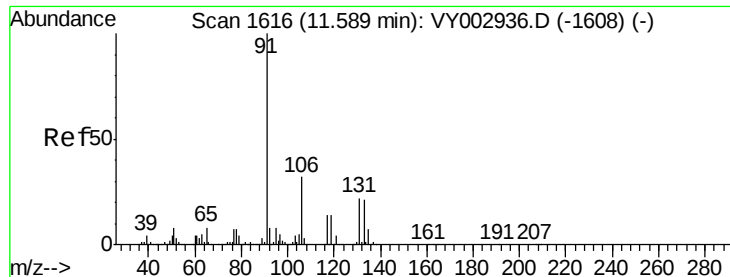
Tgt Ion:112 Resp: 90022
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 9.800 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion:131 Resp: 34003
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 64.2 31.5 94.5





#67

Ethyl Benzene

Concen: 9.675 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

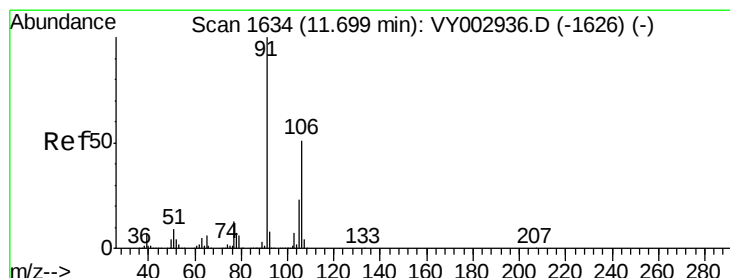
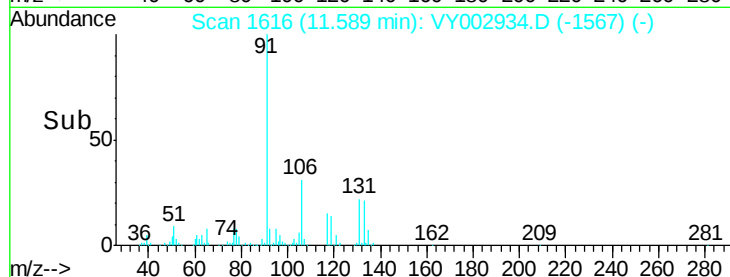
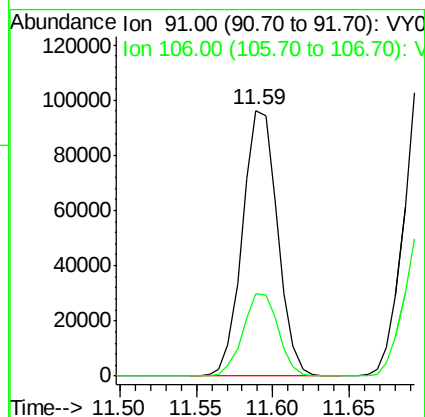
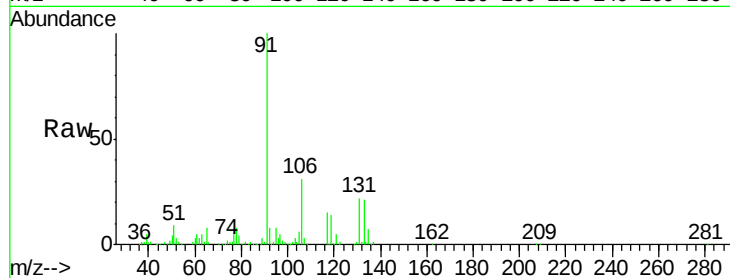
VSTDIC010

Tgt Ion: 91 Resp: 153070

Ion Ratio Lower Upper

91 100

106 31.1 25.8 38.8



#68

m/p-Xylenes

Concen: 19.280 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002934.D

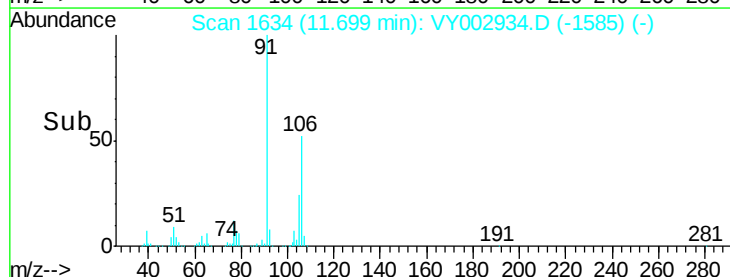
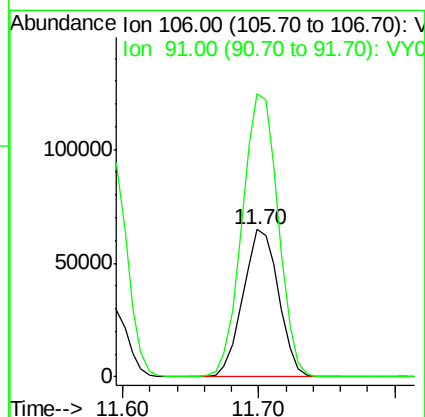
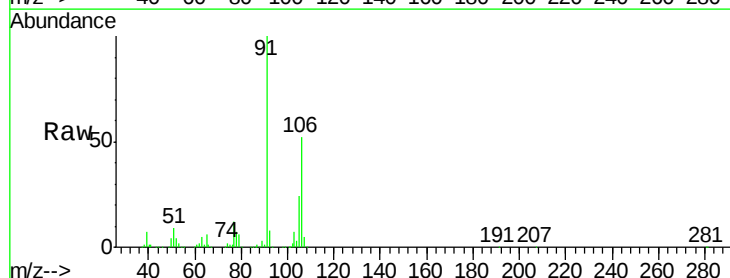
Acq: 19 Jun 2020 13:15

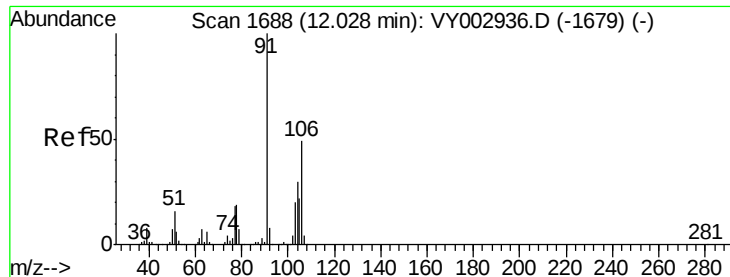
Tgt Ion: 106 Resp: 118514

Ion Ratio Lower Upper

106 100

91 195.0 155.9 233.9

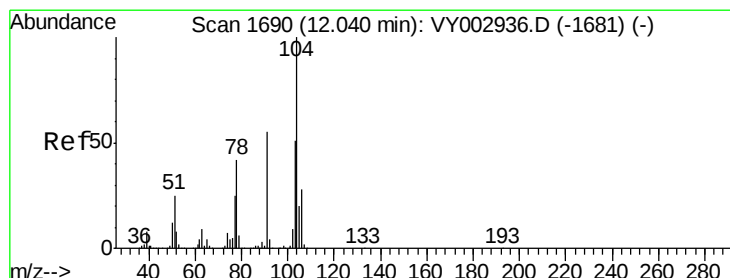
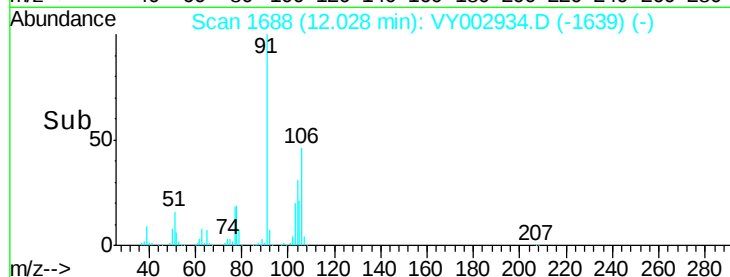
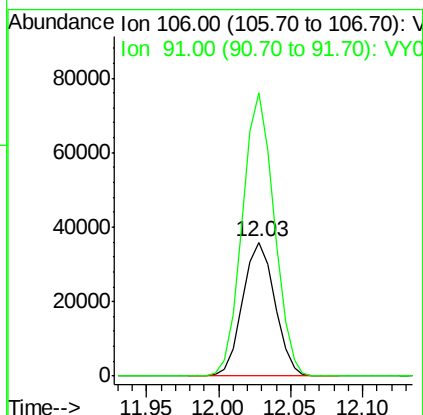
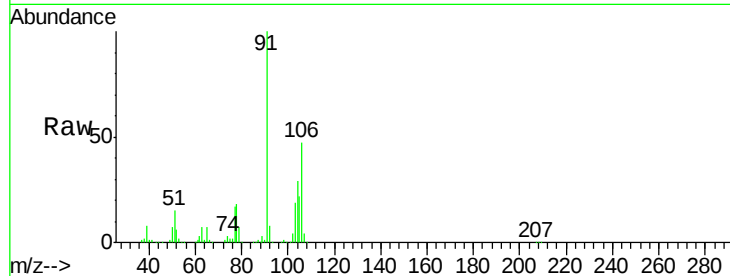




#69
o-Xylene
Concen: 9.658 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

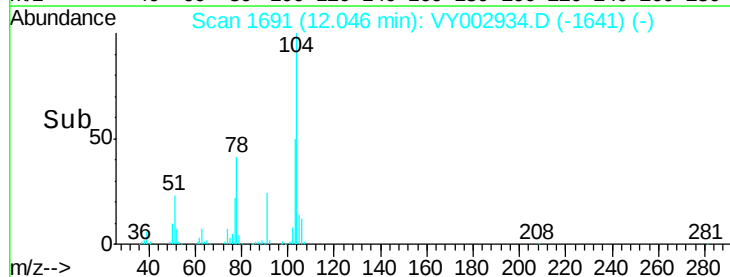
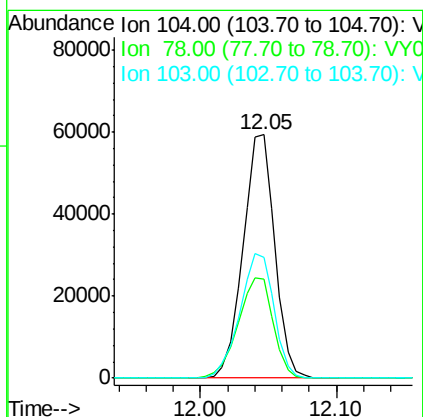
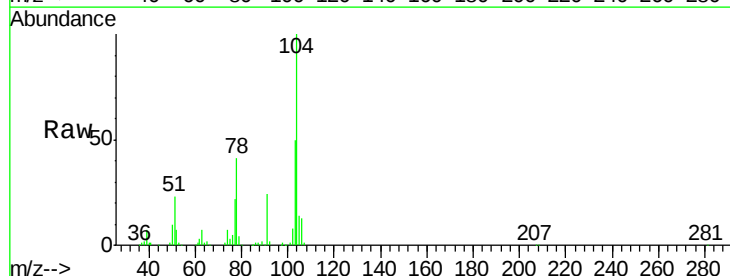
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

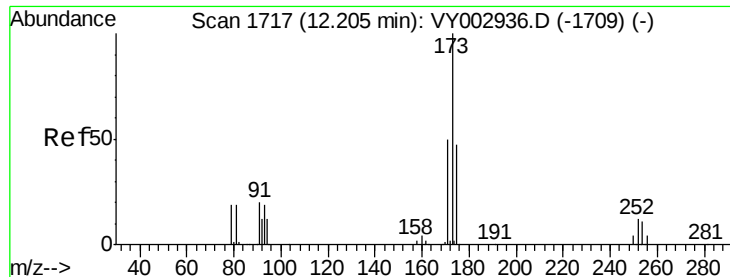
Tgt Ion:106 Resp: 55970
Ion Ratio Lower Upper
106 100
91 207.3 102.1 306.1



#70
Styrene
Concen: 9.685 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion:104 Resp: 96645
Ion Ratio Lower Upper
104 100
78 45.6 36.9 55.3
103 55.1 43.7 65.5

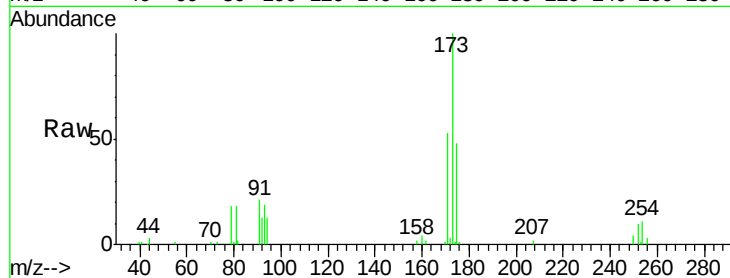




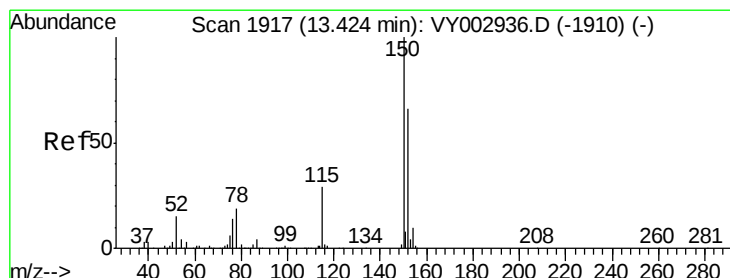
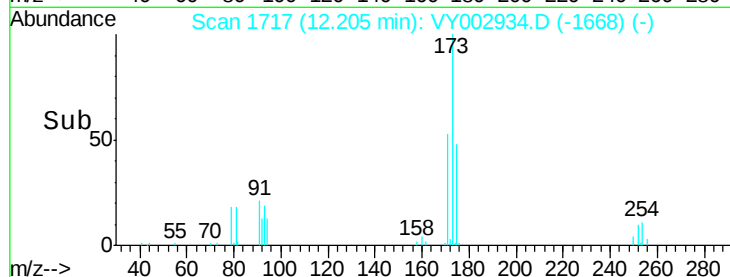
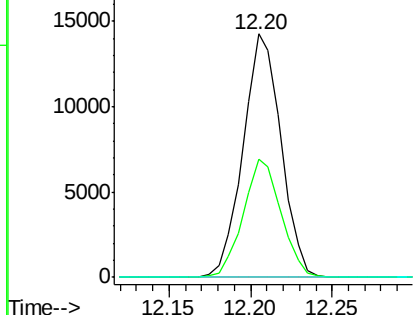
#71
Bromoform
Concen: 9.993 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 23101
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.1 0.1#

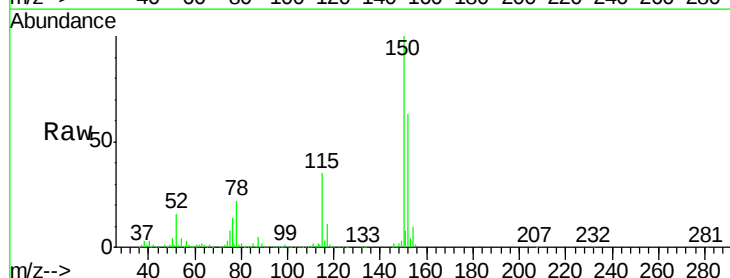


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

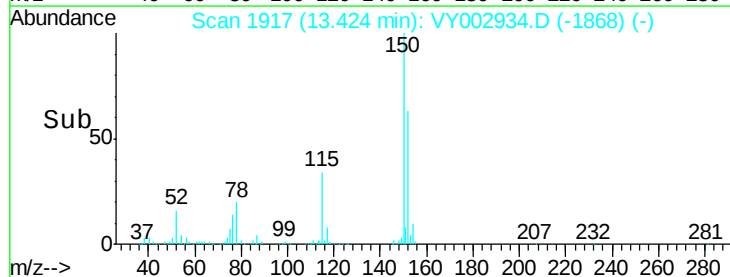
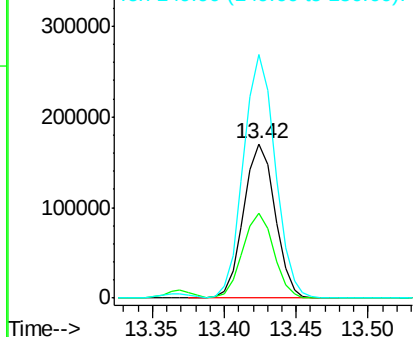


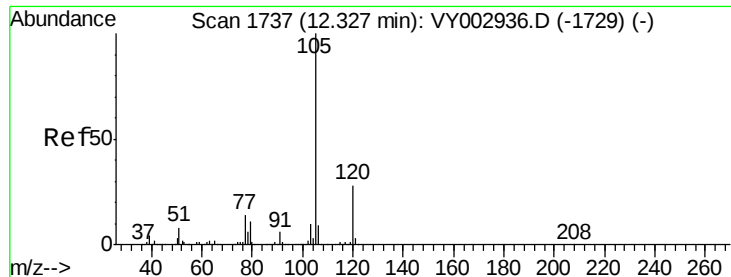
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion:152 Resp: 258177
Ion Ratio Lower Upper
152 100
115 54.2 26.9 80.6
150 159.5 0.0 341.8



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: 9.871 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

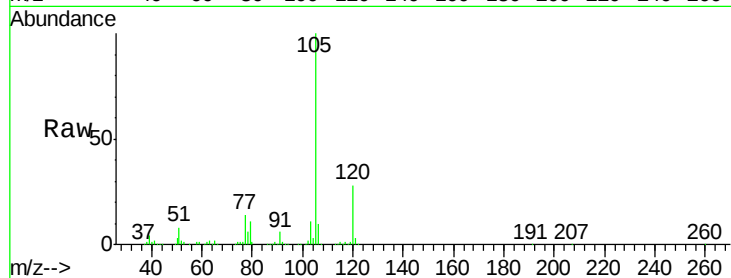
VSTDIC010

Tgt Ion: 105 Resp: 155564

Ion Ratio Lower Upper

105 100

120 27.6 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

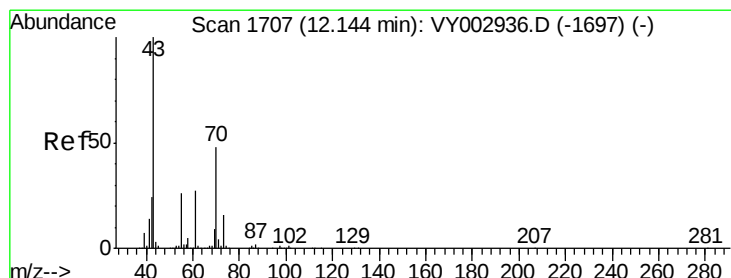
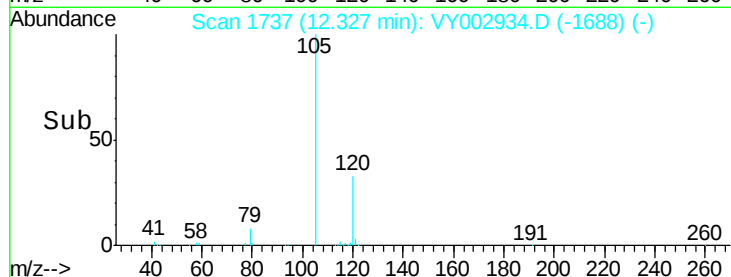
40000

20000

0

12.33

Time-->



#74

N-ethyl acetate

Concen: 10.157 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Tgt Ion: 43 Resp: 40704

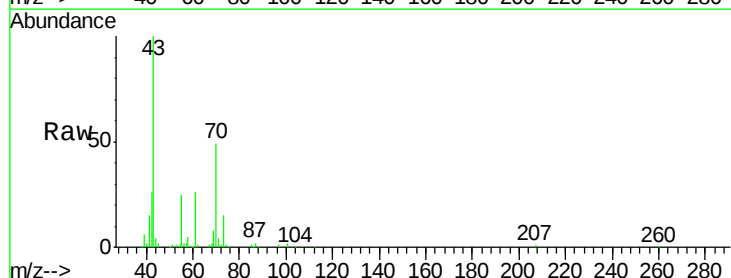
Ion Ratio Lower Upper

43 100

70 48.4 38.0 57.0

55 24.5 20.3 30.5

61 25.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

40000

30000

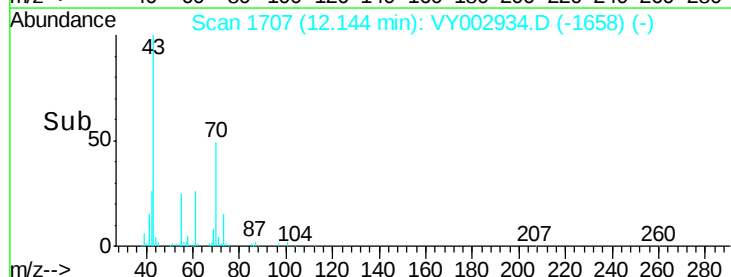
20000

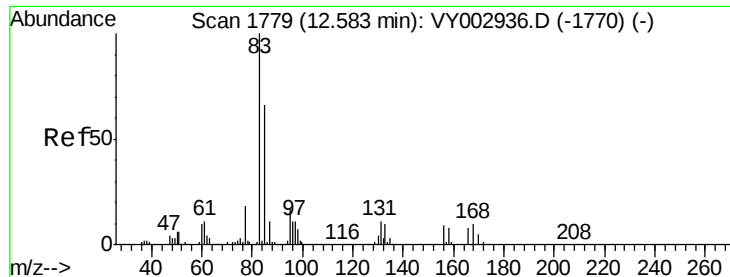
10000

0

12.14

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 10.193 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

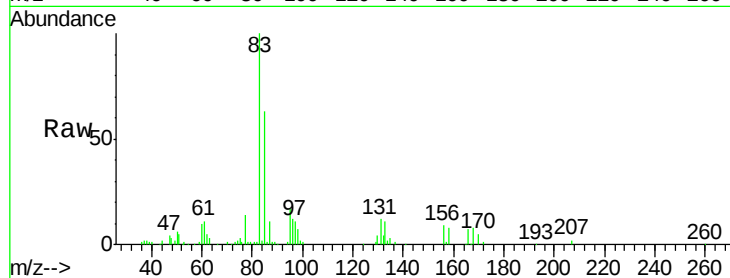
Tgt Ion: 83 Resp: 29788

Ion Ratio Lower Upper

83 100

131 12.4 5.9 17.7

85 64.4 32.8 98.3

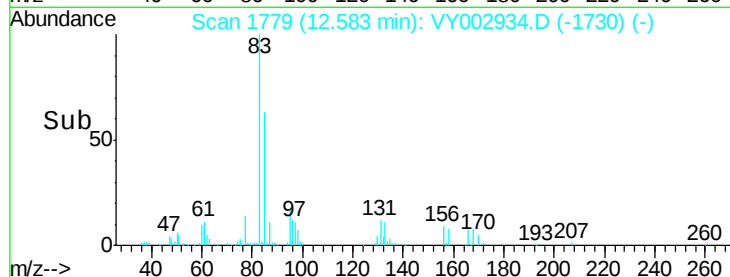


Abundance Ion 82.90 (82.60 to 83.60): VY002934.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002934.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002934.D (-1770) (-)

Time-->

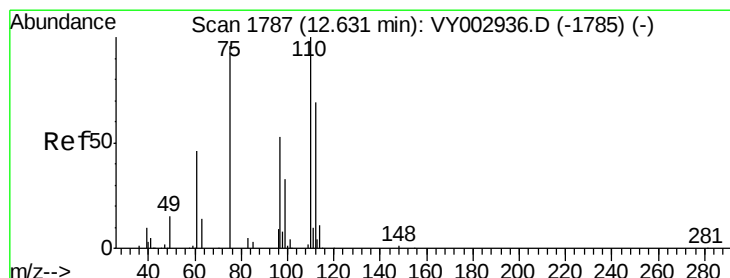


Abundance Ion 82.90 (82.60 to 83.60): VY002934.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002934.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002934.D (-1770) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 11.769 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002934.D

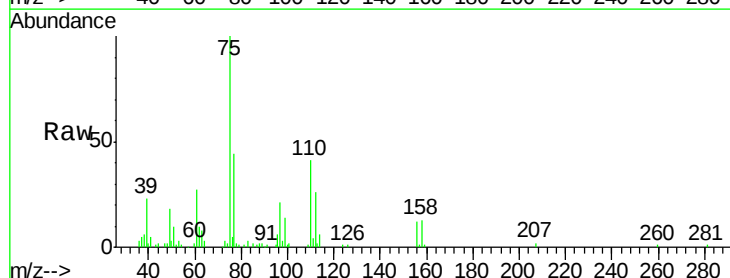
Acq: 19 Jun 2020 13:15

Tgt Ion: 75 Resp: 43096

Ion Ratio Lower Upper

75 100

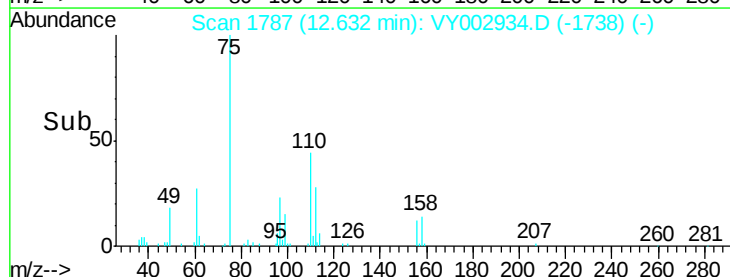
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002934.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002934.D (-1785) (-)

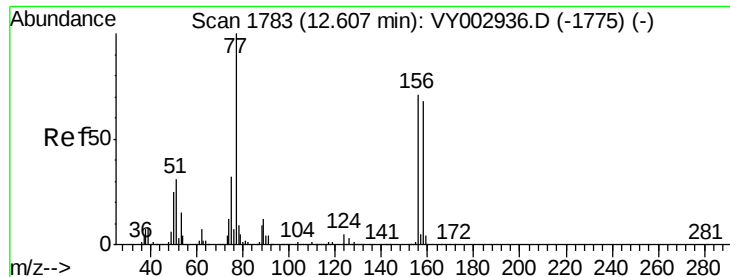
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VY002934.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002934.D (-1785) (-)

Time-->



#77

Bromobenzene

Concen: 9.742 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

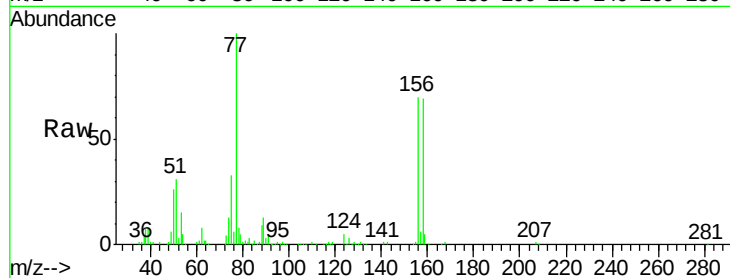
Tgt Ion:156 Resp: 40341

Ion Ratio Lower Upper

156 100

77 163.9 80.5 241.5

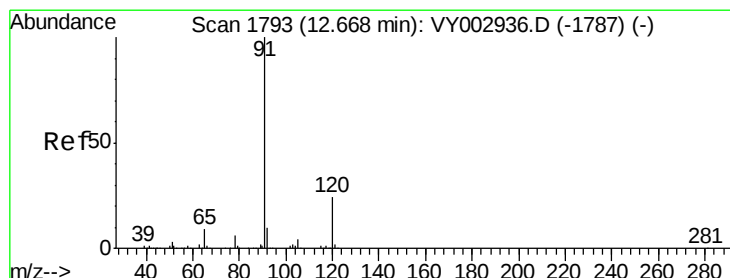
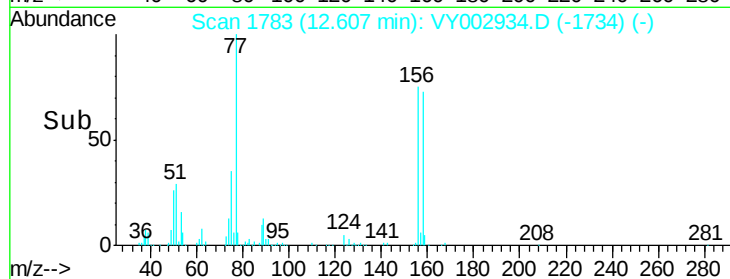
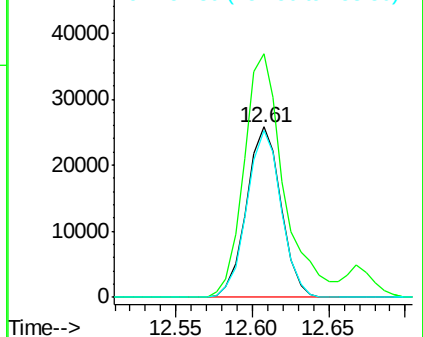
158 97.7 48.2 144.6



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: 9.895 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002934.D

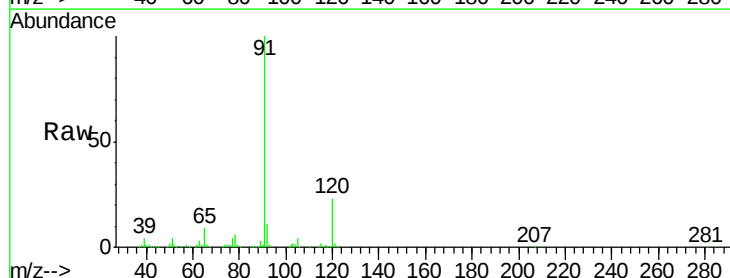
Acq: 19 Jun 2020 13:15

Tgt Ion: 91 Resp: 181439

Ion Ratio Lower Upper

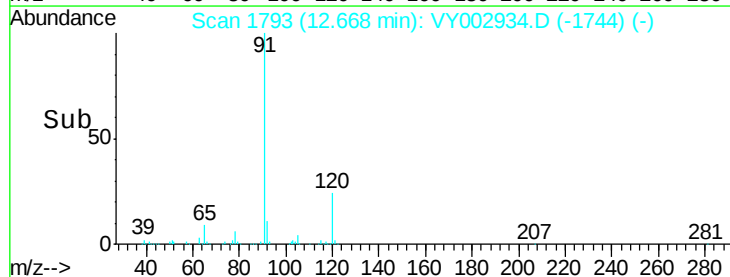
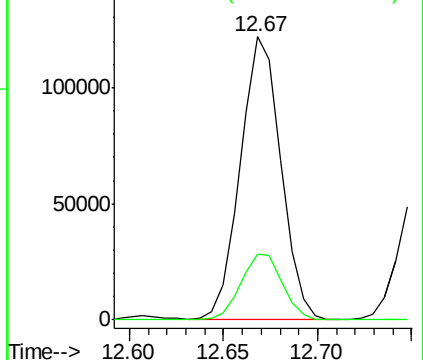
91 100

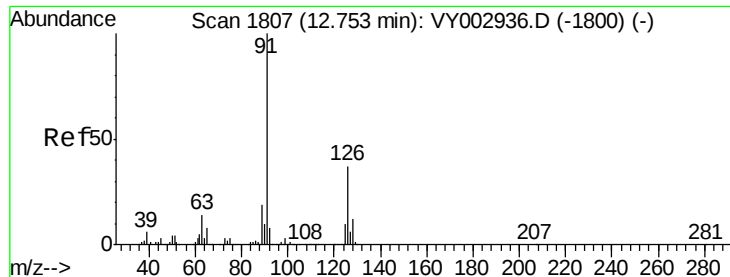
120 23.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.995 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

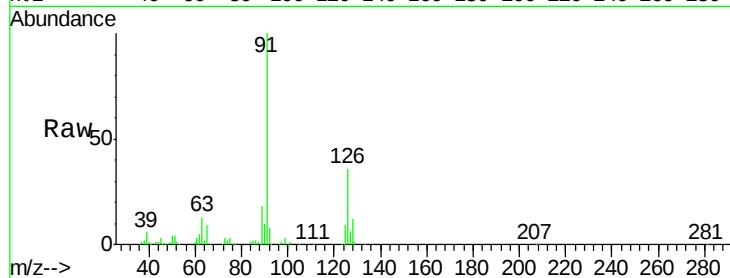
VSTDIC010

Tgt Ion: 91 Resp: 102703

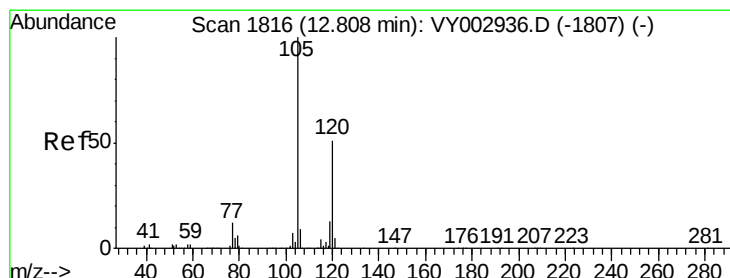
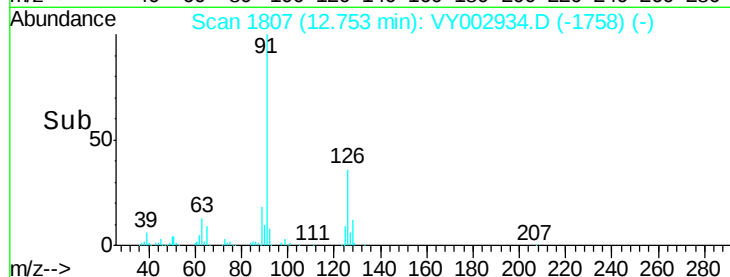
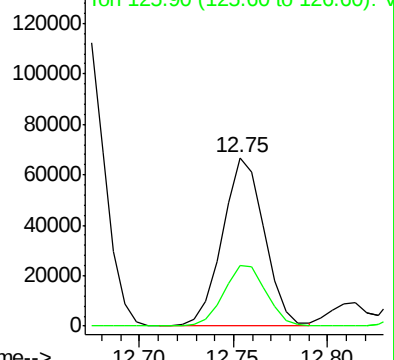
Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002934.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 9.787 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY002934.D

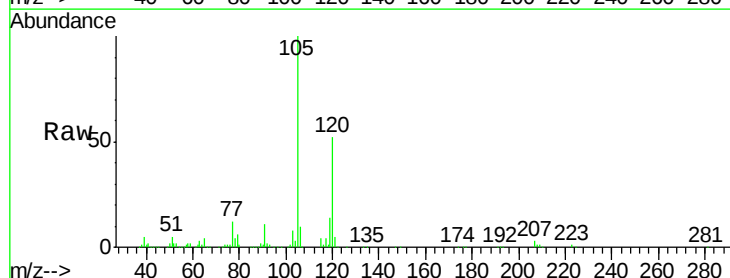
Acq: 19 Jun 2020 13:15

Tgt Ion: 105 Resp: 128605

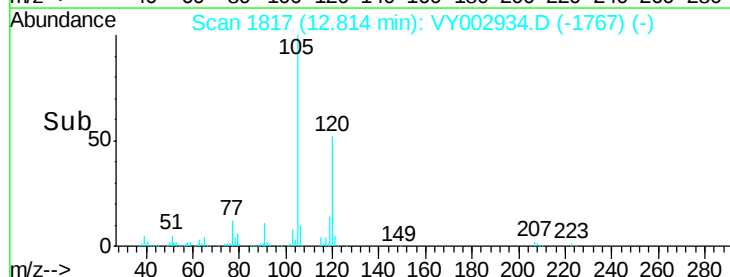
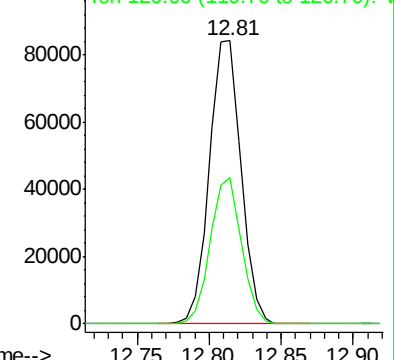
Ion Ratio Lower Upper

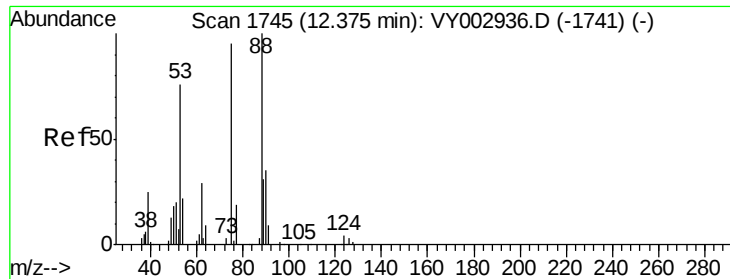
105 100

120 50.8 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002934.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.010 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

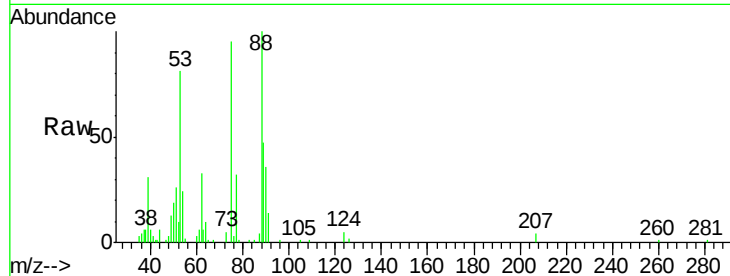
Tgt Ion: 75 Resp: 11560

Ion Ratio Lower Upper

75 100

53 82.6 65.1 97.7

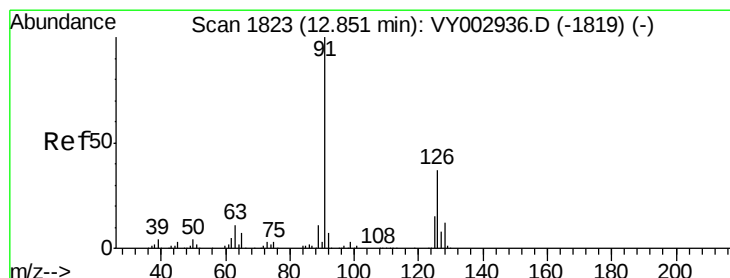
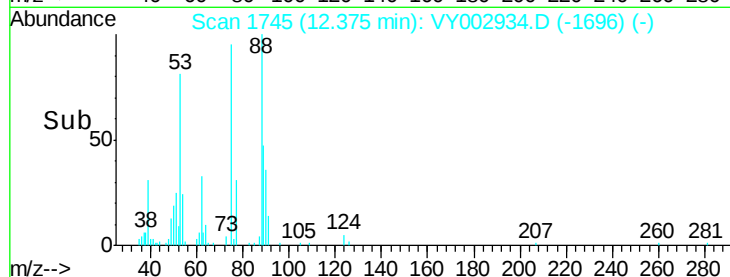
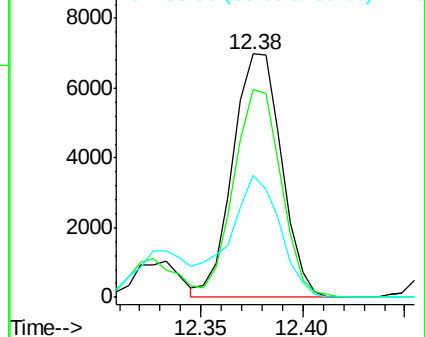
89 52.7 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VY002934.D (-1741) (-)

Ion 53.00 (52.70 to 53.70): VY002934.D (-1741) (-)

Ion 88.90 (88.60 to 89.60): VY002934.D (-1741) (-)



#82

4-Chlorotoluene

Concen: 9.911 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002934.D

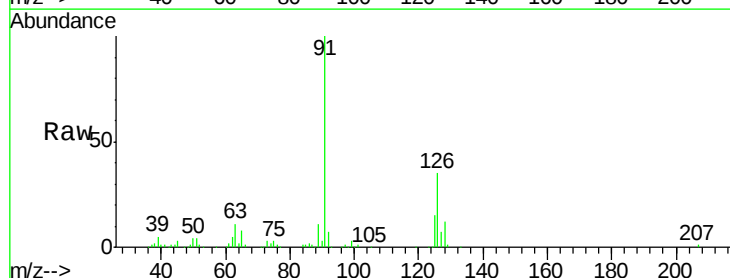
Acq: 19 Jun 2020 13:15

Tgt Ion: 91 Resp: 107446

Ion Ratio Lower Upper

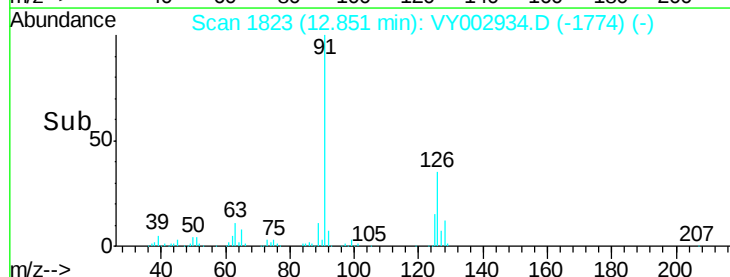
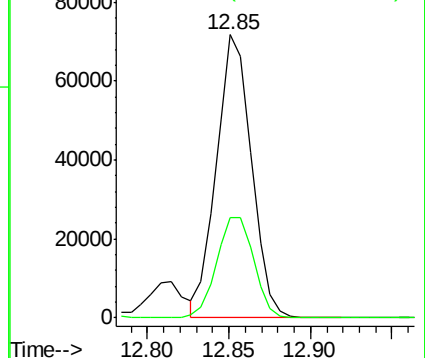
91 100

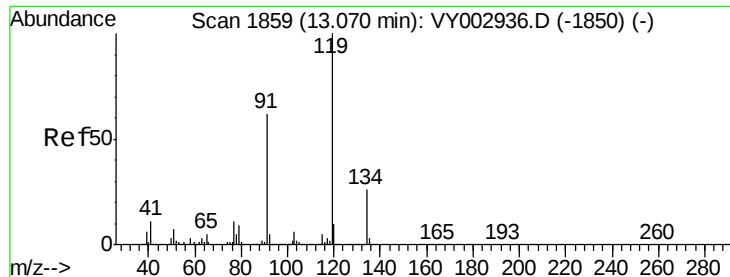
126 37.5 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY002934.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY002934.D (-1819) (-)





#83

tert-Butylbenzene

Concen: 9.853 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

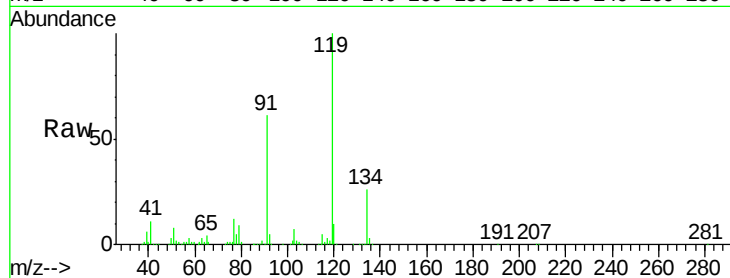
Tgt Ion:119 Resp: 116614

Ion Ratio Lower Upper

119 100

91 59.3 29.9 89.7

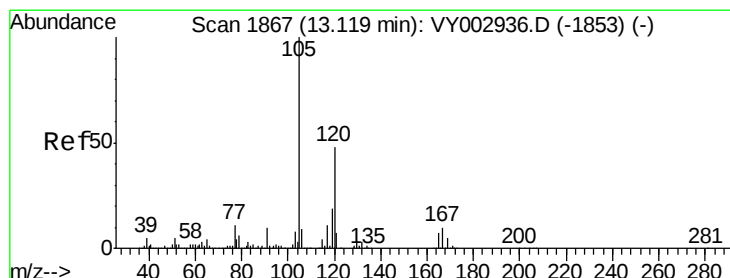
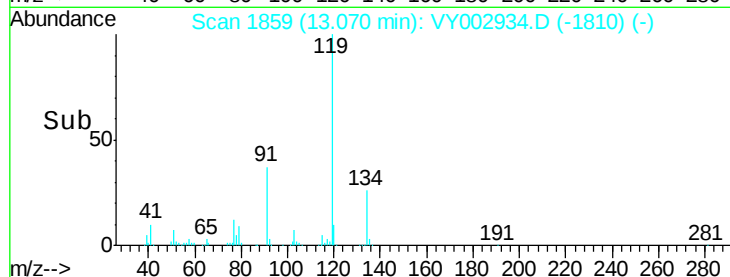
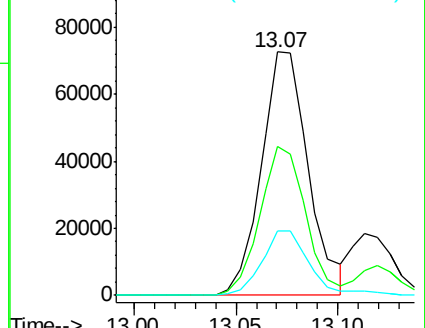
134 27.0 13.3 39.8



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: 9.856 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002934.D

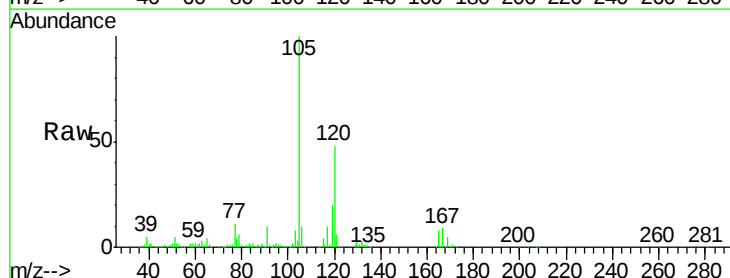
Acq: 19 Jun 2020 13:15

Tgt Ion:105 Resp: 130867

Ion Ratio Lower Upper

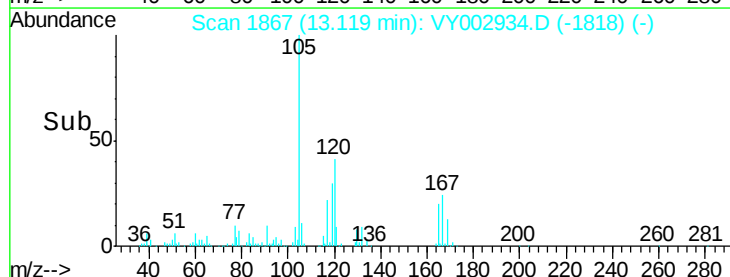
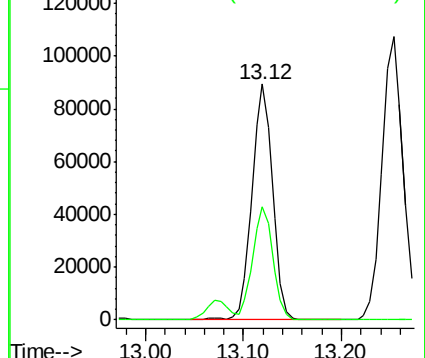
105 100

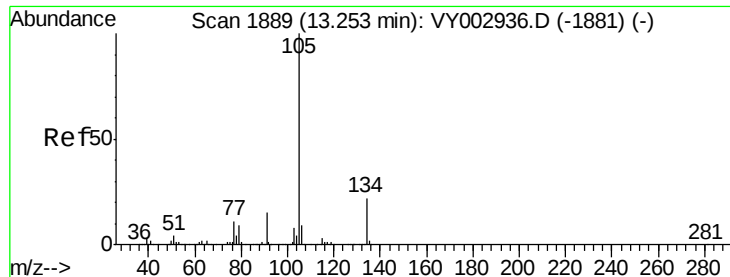
120 46.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

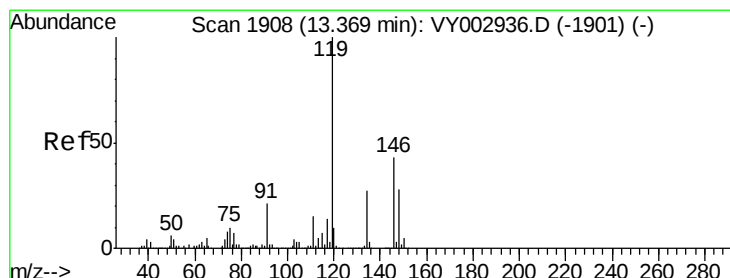
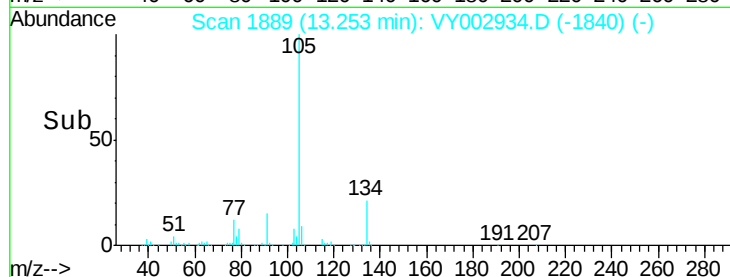
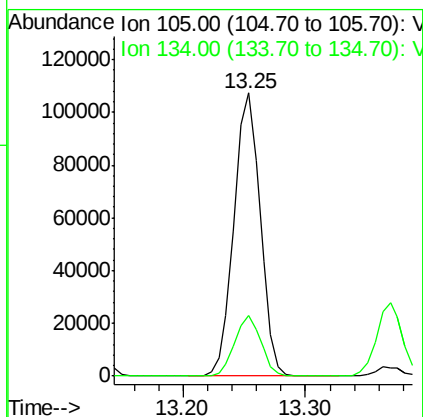
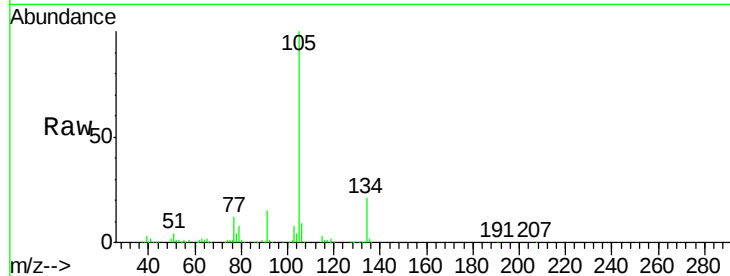




#85
 sec-Butylbenzene
 Concen: 9.835 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

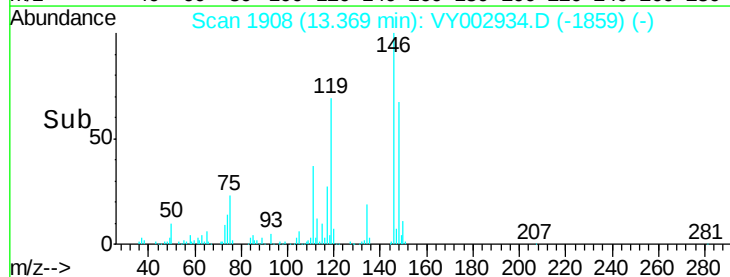
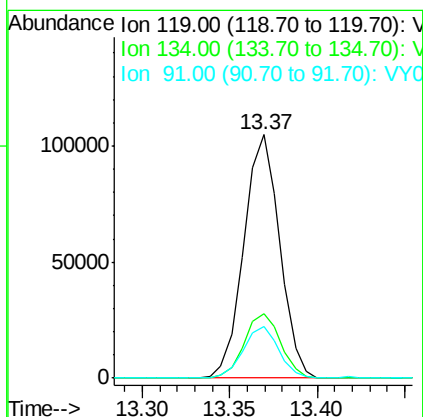
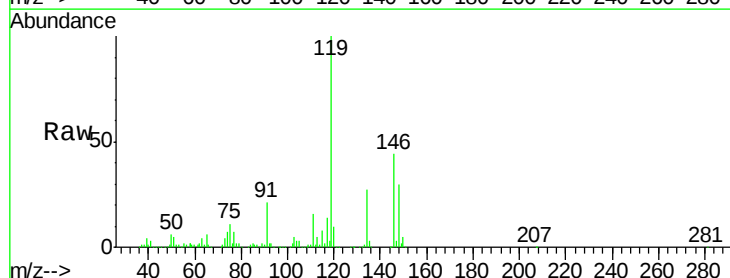
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

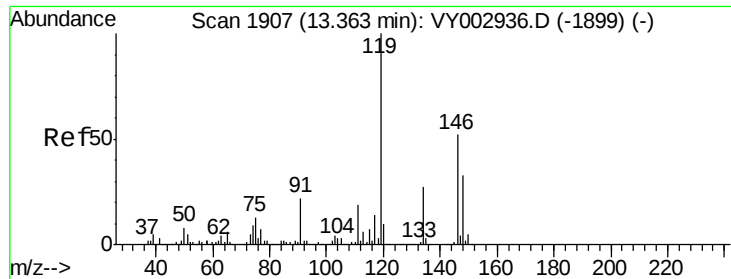
Tgt Ion:105 Resp: 159151
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 9.893 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion:119 Resp: 149587
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.1 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 9.860 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

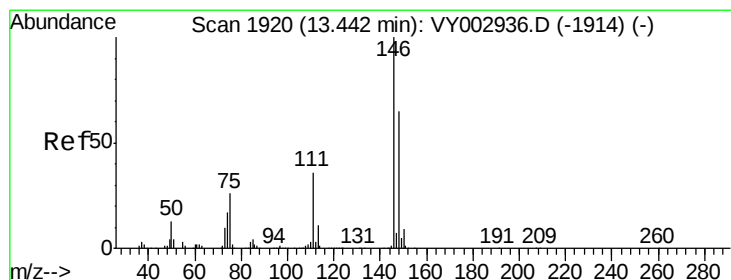
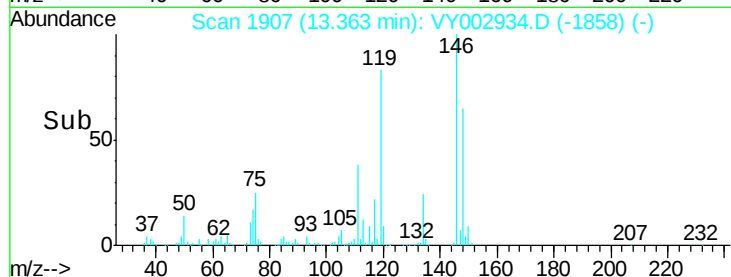
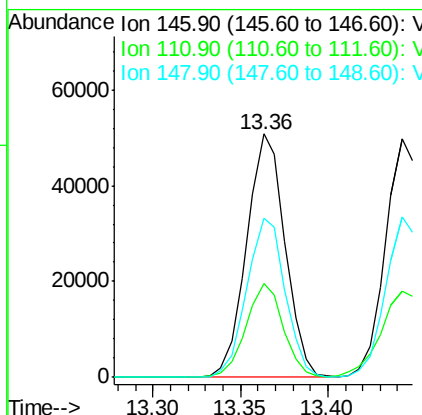
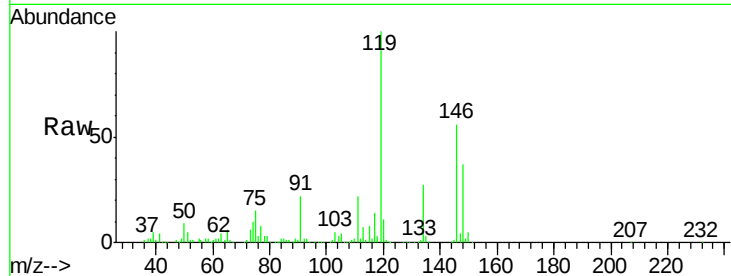
Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 77536

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.2	54.6
148	65.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 9.710 ug/l

RT: 13.44 min Scan# 1920

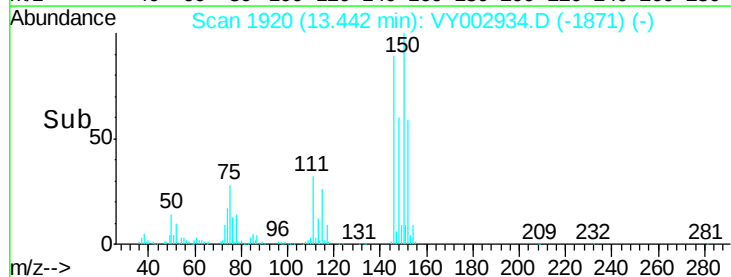
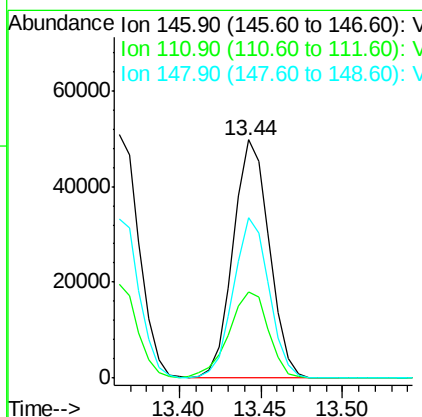
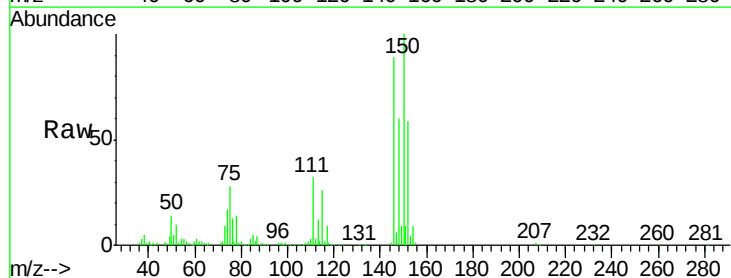
Delta R.T. 0.00 min

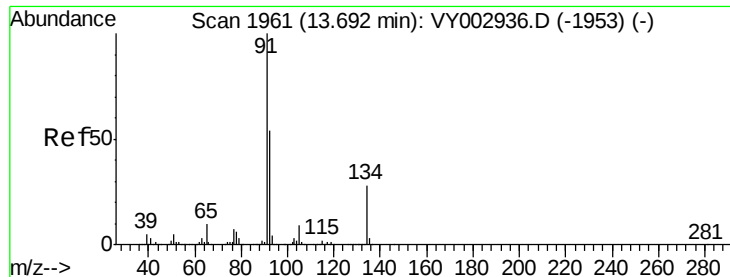
Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Tgt Ion:146 Resp: 76571

Ion	Ratio	Lower	Upper
146	100		
111	39.9	17.9	53.8
148	66.7	32.1	96.5





#89

n-Butylbenzene

Concen: 9.901 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY002934.D

Acq: 19 Jun 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

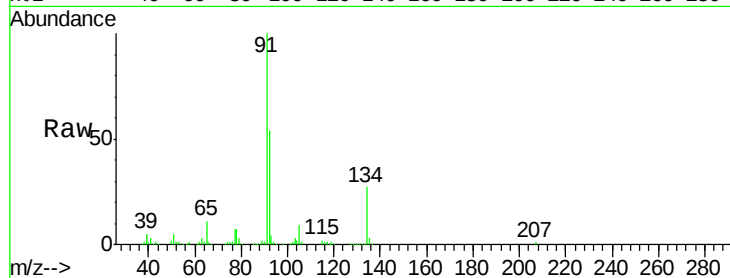
Tgt Ion: 91 Resp: 135898

Ion Ratio Lower Upper

91 100

92 53.5 27.0 80.8

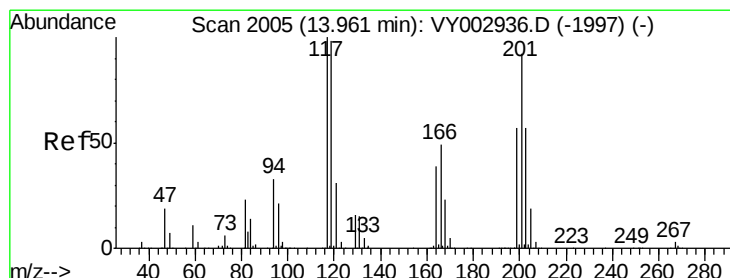
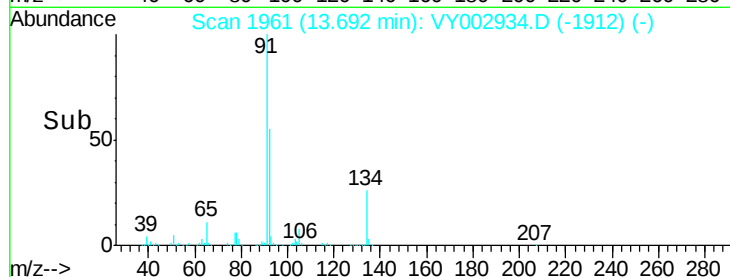
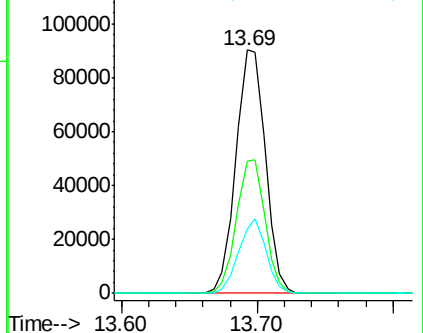
134 28.4 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VY002934.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY002934.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY002934.D (-1953) (-)



#90

Hexachloroethane

Concen: 9.958 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002934.D

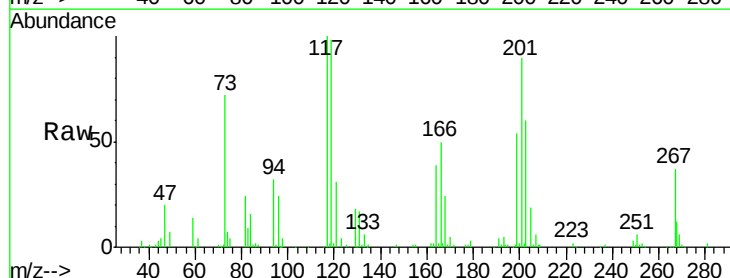
Acq: 19 Jun 2020 13:15

Tgt Ion: 117 Resp: 27843

Ion Ratio Lower Upper

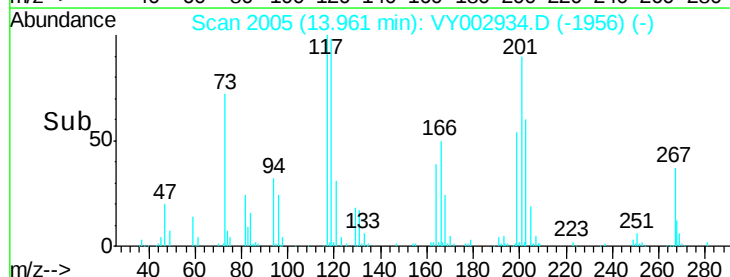
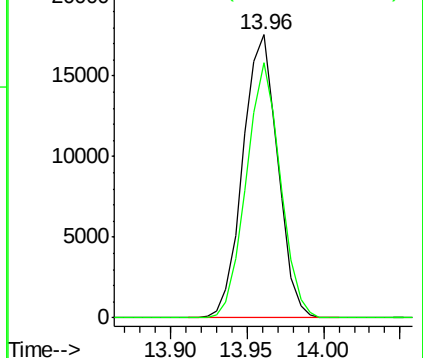
117 100

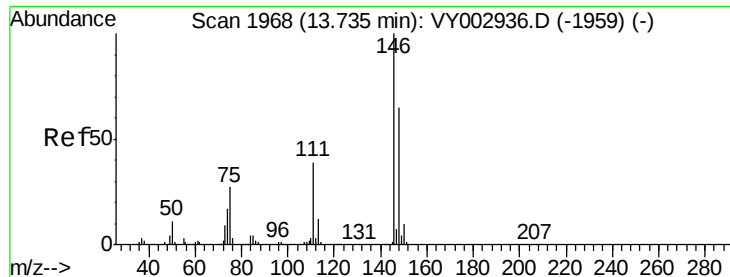
201 88.1 45.1 135.5



Abundance Ion 116.80 (116.50 to 117.50): VY002934.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002934.D (-1956) (-)

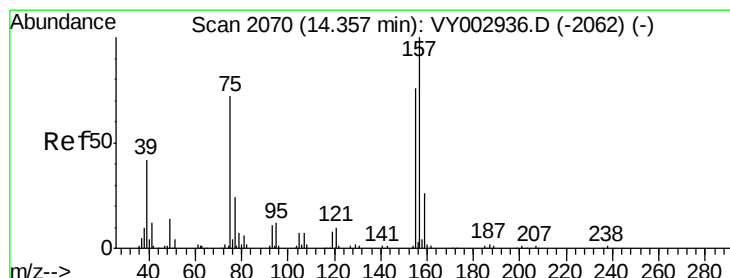
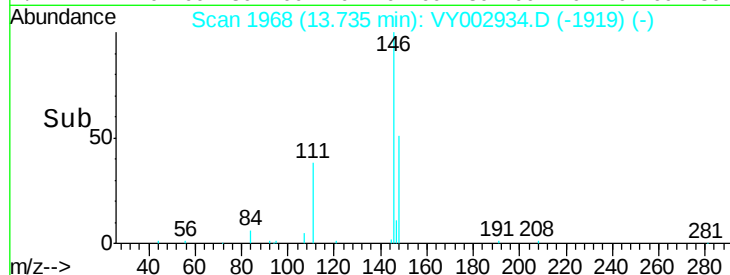
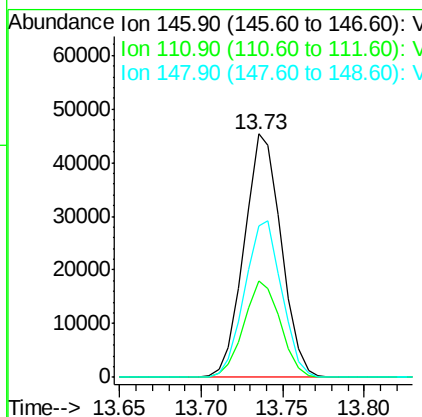
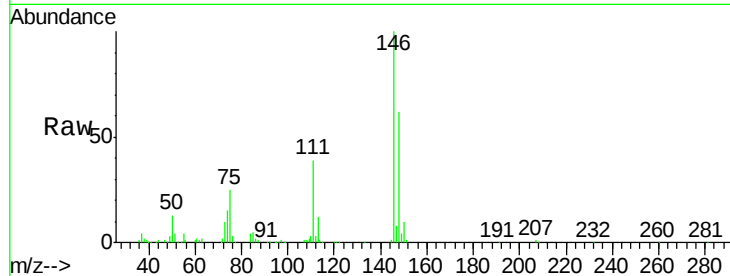




#91
 1,2-Dichlorobenzene
 Concen: 9.994 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

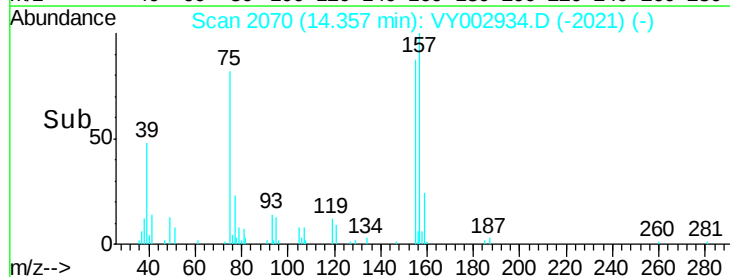
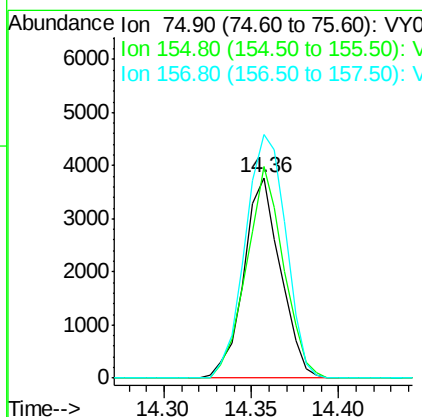
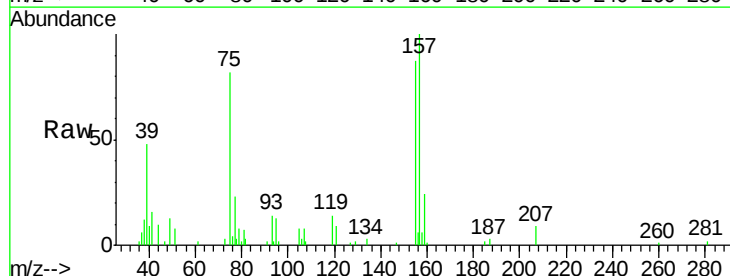
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

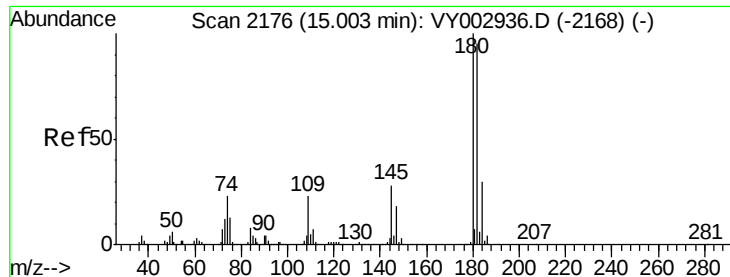
Tgt Ion:146 Resp: 71673
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.063 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion: 75 Resp: 5515
 Ion Ratio Lower Upper
 75 100
 155 106.5 53.1 159.4
 157 134.5 69.0 206.9

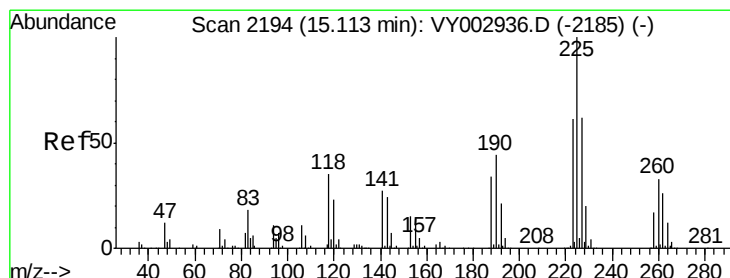
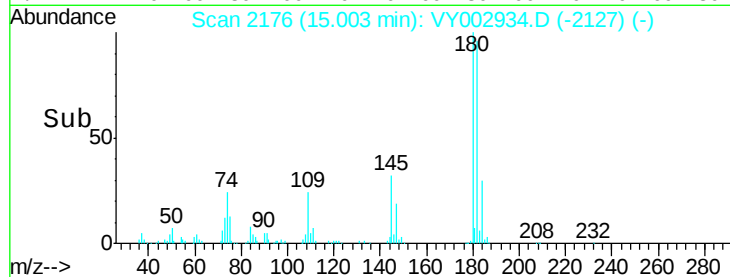
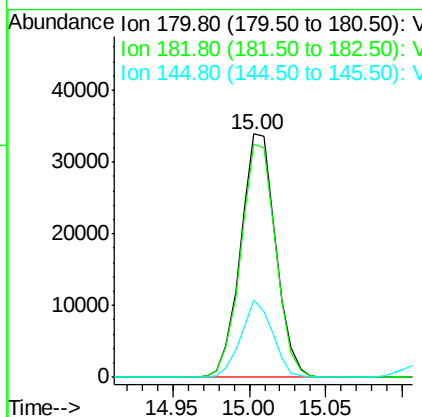
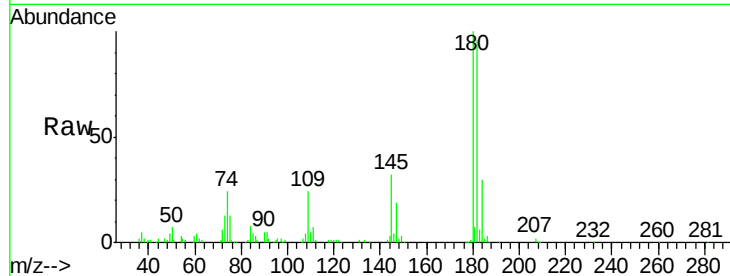




#93
 1,2,4-Trichlorobenzene
 Concen: 9.994 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

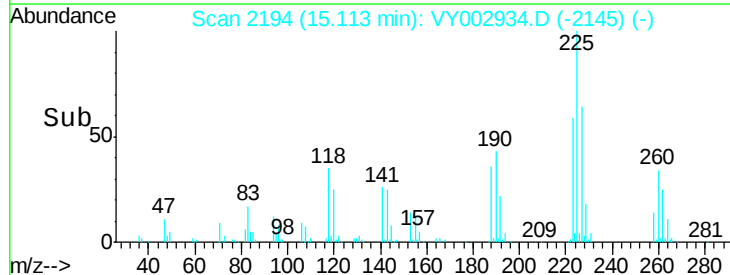
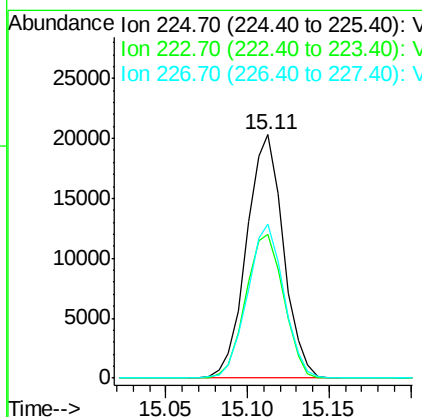
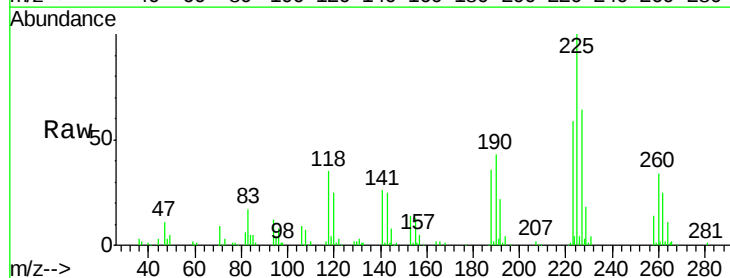
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

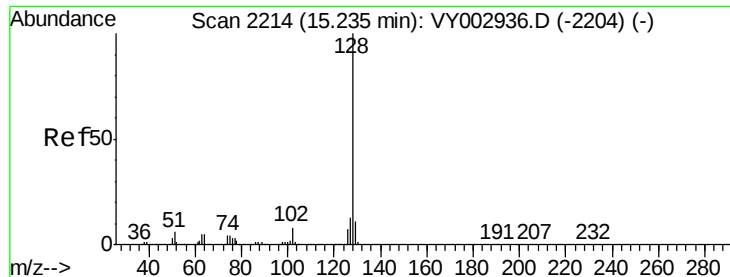
Tgt Ion:180 Resp: 53705
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.6
 145 28.9 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 10.152 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002934.D
 Acq: 19 Jun 2020 13:15

Tgt Ion:225 Resp: 31890
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.3 93.8
 227 62.7 31.9 95.7

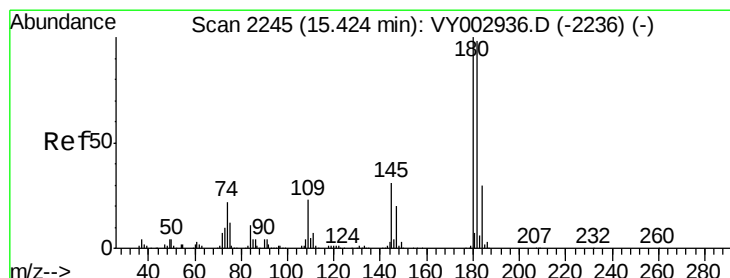
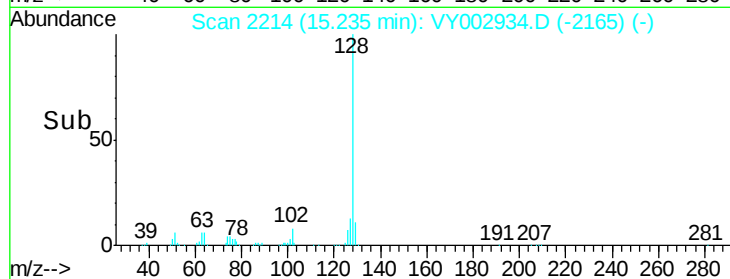
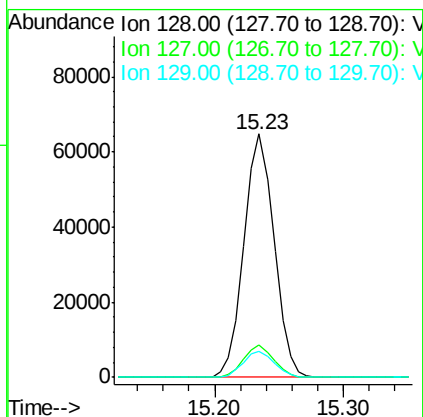
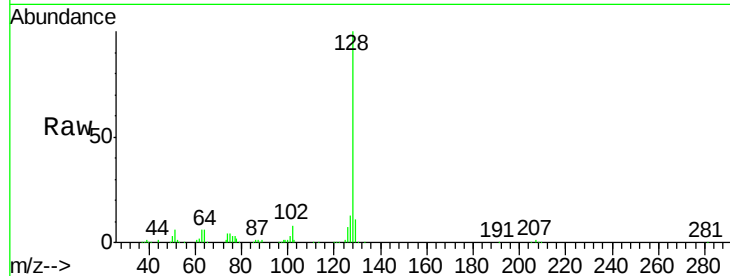




#95
Naphthalene
Concen: 9.961 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 104652
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.060 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002934.D
Acq: 19 Jun 2020 13:15

Tgt Ion:180 Resp: 48168
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 29.8 15.0 45.0

