

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002155.D
 Acq On : 01 Apr 2020 12:21
 Operator : SY/MD
 Sample : VY0401SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	287989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	258120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118812	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	81831	47.25	ug/l	-0.01
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	7.73	113	76081	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	10.19	98	319815	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.49	95	109610	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30955	27.260	ug/l	99
3) Chloromethane	2.12	50	40096	21.902	ug/l	99
4) Vinyl Chloride	2.26	62	40315	21.653	ug/l	98
5) Bromomethane	2.65	94	26824	22.076	ug/l	99
6) Chloroethane	2.80	64	25831	21.606	ug/l	97
7) Trichlorofluoromethane	3.13	101	55233	21.648	ug/l	100
8) Diethyl Ether	3.54	74	21412	19.814	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	35220	21.040	ug/l	98
10) Methyl Iodide	4.10	142	38462	19.323	ug/l	99
11) Tert butyl alcohol	4.96	59	24409	119.607	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	35645	20.970	ug/l	97
13) Acrolein	3.74	56	21694	85.053	ug/l	98
14) Allyl chloride	4.49	41	62726	20.158	ug/l	98
15) Acrylonitrile	5.19	53	55189	97.434	ug/l	99
16) Acetone	3.96	43	45249	93.003	ug/l	99
17) Carbon Disulfide	4.21	76	117768	20.877	ug/l	98
18) Methyl Acetate	4.49	43	24574	19.451	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	94931	20.020	ug/l	95
20) Methylene Chloride	4.72	84	42889	18.015	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	39883	20.607	ug/l	94
22) Diisopropyl ether	6.13	45	130191	20.444	ug/l	100
23) Vinyl Acetate	6.08	43	416836	99.820	ug/l	99
24) 1,1-Dichloroethane	6.03	63	69540	20.538	ug/l	97
25) 2-Butanone	7.00	43	71198	95.302	ug/l	100
26) 2,2-Dichloropropane	6.99	77	58198	20.870	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	44797	21.039	ug/l	98
28) Bromochloromethane	7.35	49	29956	19.379	ug/l	100
29) Tetrahydrofuran	7.36	42	46843	95.635	ug/l	99
30) Chloroform	7.52	83	64846	20.205	ug/l	99
31) Cyclohexane	7.79	56	73916	20.487	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	55197	20.599	ug/l	99
36) 1,1-Dichloropropene	7.93	75	55262	20.287	ug/l	100
37) Ethyl Acetate	7.09	43	31792	19.313	ug/l	100
38) Carbon Tetrachloride	7.91	117	46846	20.270	ug/l	95

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 Data File : VY002155.D
 Acq On : 01 Apr 2020 12:21
 Operator : SY/MD
 Sample : VY0401SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	72645	20.331	ug/l	97
40) Benzene	8.17	78	164257	20.357	ug/l	100
41) Methacrylonitrile	7.36	41	42387	50.906	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	42200	19.700	ug/l	98
43) Isopropyl Acetate	8.28	43	58185	19.044	ug/l	100
44) Trichloroethene	8.94	130	40108	20.621	ug/l	92
45) 1,2-Dichloropropane	9.22	63	42089	20.486	ug/l	98
46) Dibromomethane	9.32	93	20992	19.896	ug/l	99
47) Bromodichloromethane	9.50	83	49767	20.262	ug/l	99
48) Methyl methacrylate	9.30	41	27018	19.733	ug/l	95
49) 1,4-Dioxane	9.30	88	5364	370.480	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	155696	98.967	ug/l	100
52) Toluene	10.25	92	99144	20.315	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	53558	19.646	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	63567	19.804	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	30617	19.606	ug/l	95
56) Ethyl methacrylate	10.52	69	43579	19.107	ug/l	99
57) 1,3-Dichloropropane	10.80	76	54573	19.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	115738	98.754	ug/l	100
59) 2-Hexanone	10.84	43	102540	92.529	ug/l	98
60) Dibromochloromethane	10.99	129	32299	19.766	ug/l	100
61) 1,2-Dibromoethane	11.10	107	28479	19.485	ug/l	98
64) Tetrachloroethene	10.72	164	32265	20.431	ug/l	97
65) Chlorobenzene	11.52	112	102513	20.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	33843	20.303	ug/l	100
67) Ethyl Benzene	11.60	91	189913	20.522	ug/l	98
68) m/p-Xylenes	11.70	106	142734	41.717	ug/l	97
69) o-Xylene	12.03	106	66012	20.338	ug/l	100
70) Styrene	12.05	104	113236	20.134	ug/l	99
71) Bromoform	12.21	173	17491	19.158	ug/l #	99
73) Isopropylbenzene	12.33	105	176853	20.066	ug/l	99
74) N-amyl acetate	12.15	43	52417	18.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	38156	20.119	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	48314	36.353	ug/l #	100
77) Bromobenzene	12.61	156	38240	20.325	ug/l	99
78) n-propylbenzene	12.67	91	223442	20.429	ug/l	100
79) 2-Chlorotoluene	12.76	91	121963	20.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	150023	20.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	13402	19.536	ug/l	97
82) 4-Chlorotoluene	12.86	91	127883	20.209	ug/l	97
83) tert-Butylbenzene	13.08	119	127066	20.935	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	149376	20.589	ug/l	98
85) sec-Butylbenzene	13.26	105	185135	20.593	ug/l	100
86) p-Isopropyltoluene	13.38	119	160625	20.806	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	75288	20.455	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	76311	20.604	ug/l	98
89) n-Butylbenzene	13.70	91	164444	20.443	ug/l	100
90) Hexachloroethane	13.97	117	29343	20.171	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	69262	20.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5497	18.094	ug/l	97

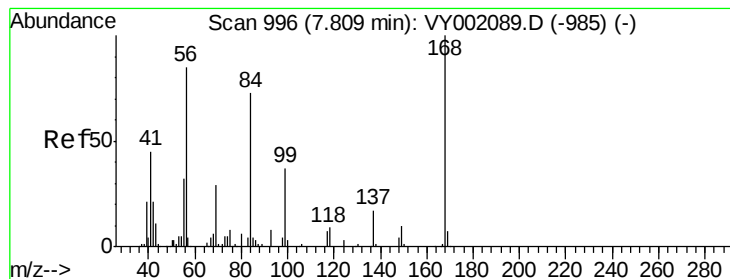
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
Data File : VY002155.D
Acq On : 01 Apr 2020 12:21
Operator : SY/MD
Sample : VY0401SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:20:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44551	20.335	ug/l	97
94) Hexachlorobutadiene	15.12	225	21641	20.012	ug/l	97
95) Naphthalene	15.25	128	99523	19.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.43	180	38356	19.307	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

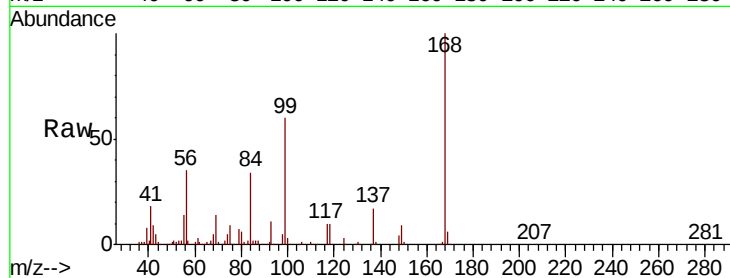
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 156653

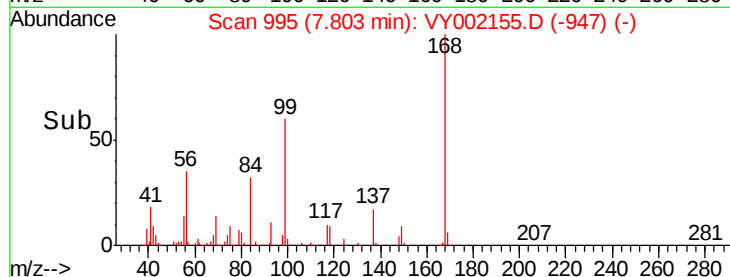
Ion Ratio Lower Upper

168 100

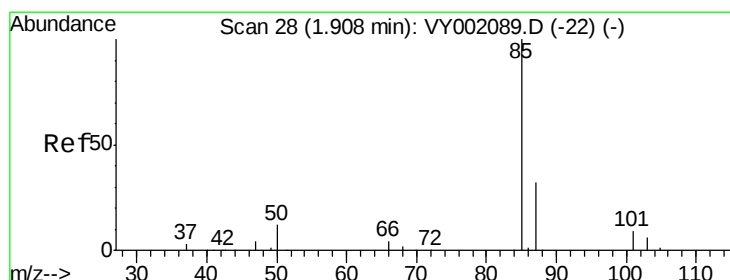
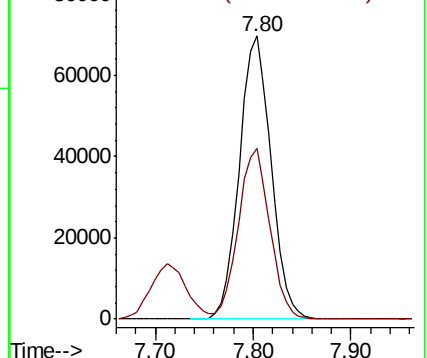
99 60.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002155.D (-947) (-)



Ion 98.90 (98.60 to 99.60): VY002155.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 27.260 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002155.D

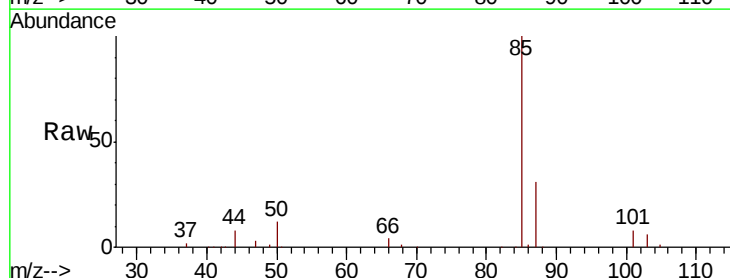
Acq: 01 Apr 2020 12:21

Tgt Ion: 85 Resp: 30955

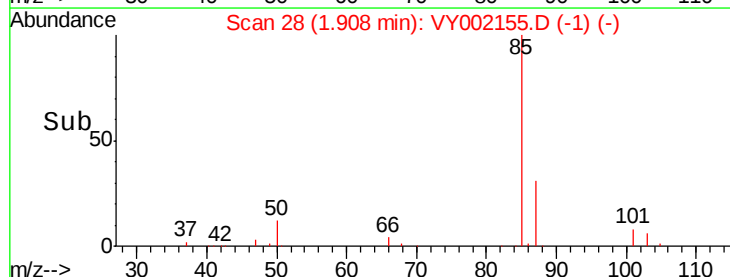
Ion Ratio Lower Upper

85 100

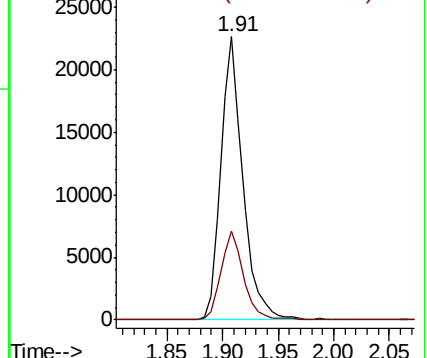
87 31.3 16.0 48.0

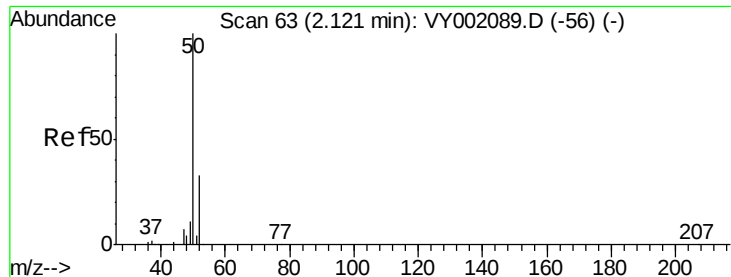


Abundance Ion 84.90 (84.60 to 85.60): VY002155.D (-1) (-)



Ion 86.90 (86.60 to 87.60): VY002155.D (-1) (-)





#3

Chloromethane

Concen: 21.902 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

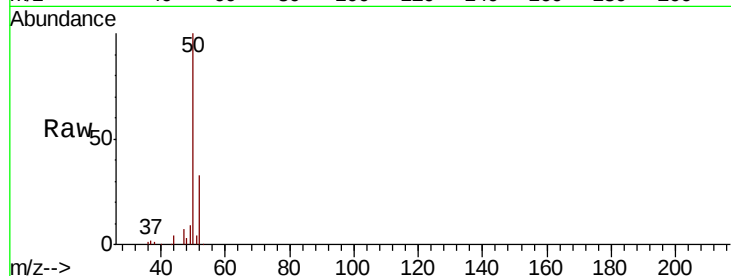
ClientSampleId :

Tot Ion: 50 Resp: 40096

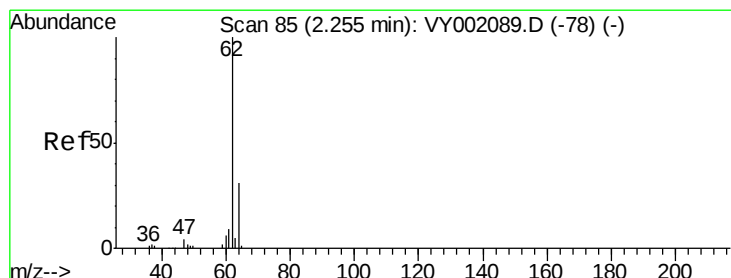
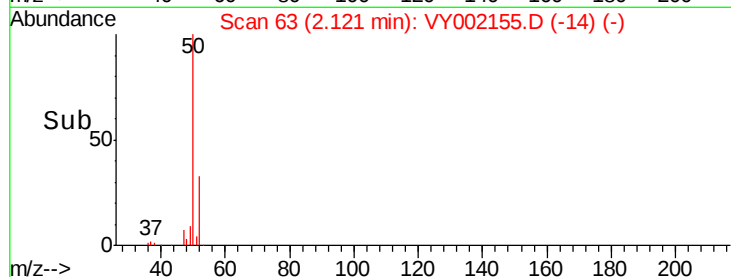
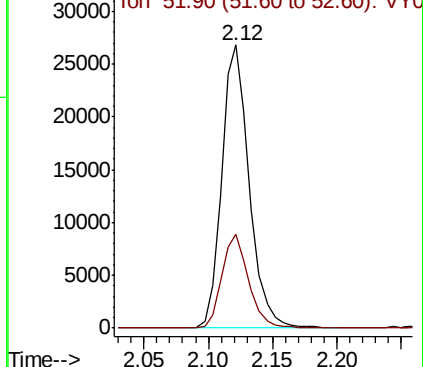
Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY002155.D (-14) (-)



#4

Vinyl Chloride

Concen: 21.653 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002155.D

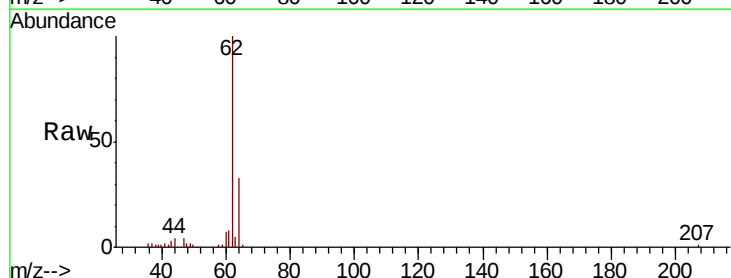
Acq: 01 Apr 2020 12:21

Tgt Ion: 62 Resp: 40315

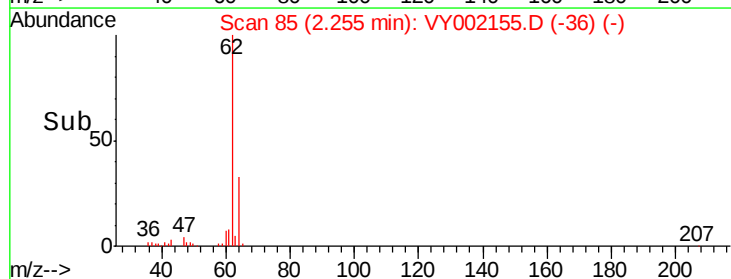
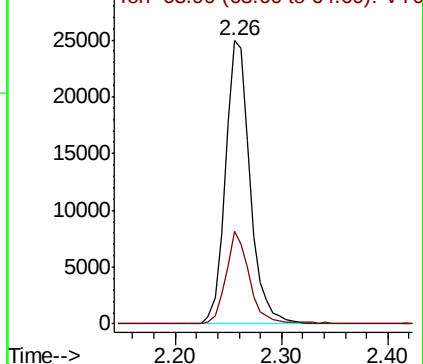
Ion Ratio Lower Upper

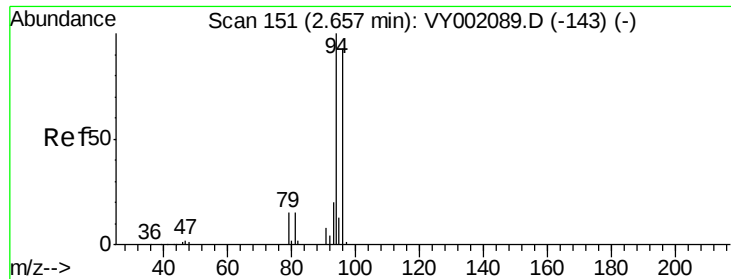
62 100

64 32.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY002155.D (-36) (-)





#5

Bromomethane

Concen: 22.076 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

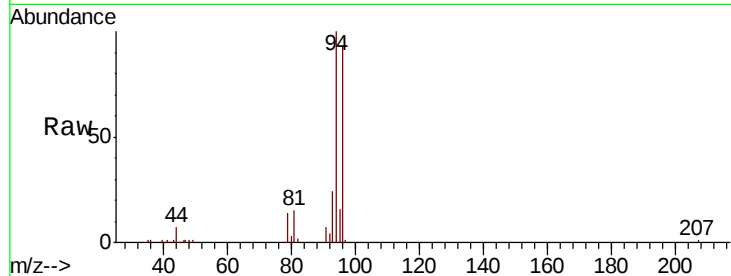
ClientSampleId :

Tot Ion: 94 Resp: 26824

Ion Ratio Lower Upper

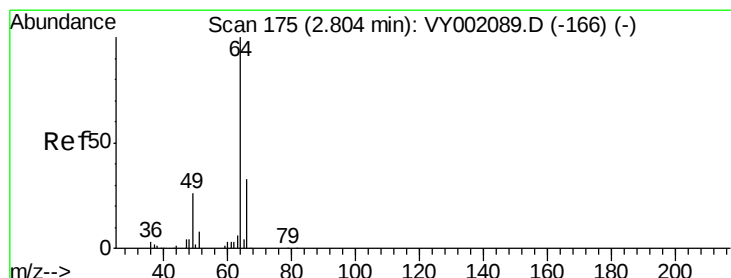
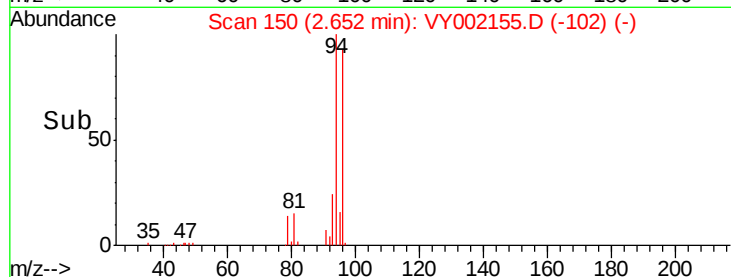
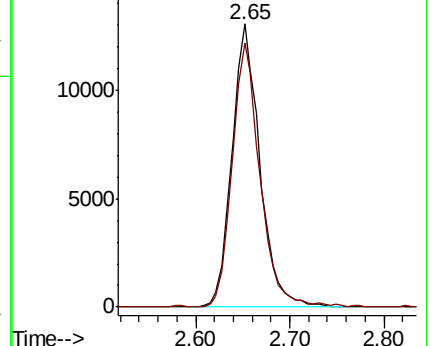
94 100

96 93.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY002155.D (-102) (-)

Ion 95.90 (95.60 to 96.60): VY002155.D (-102) (-)



#6

Chloroethane

Concen: 21.606 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002155.D

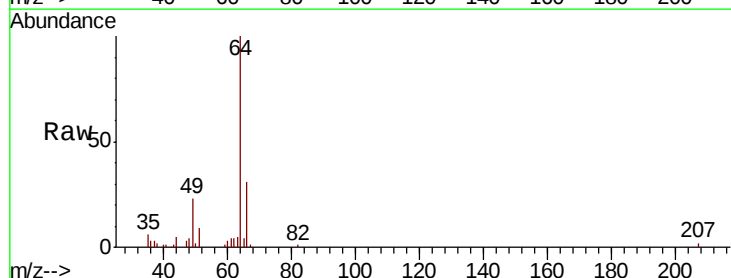
Acq: 01 Apr 2020 12:21

Tgt Ion: 64 Resp: 25831

Ion Ratio Lower Upper

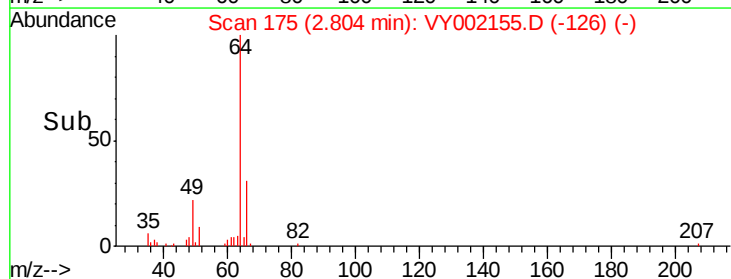
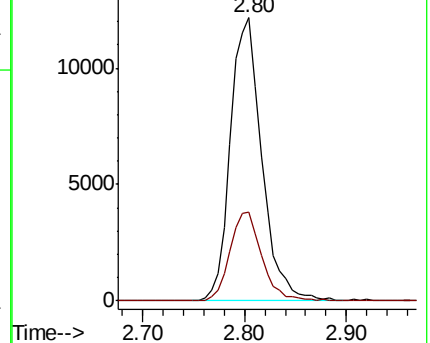
64 100

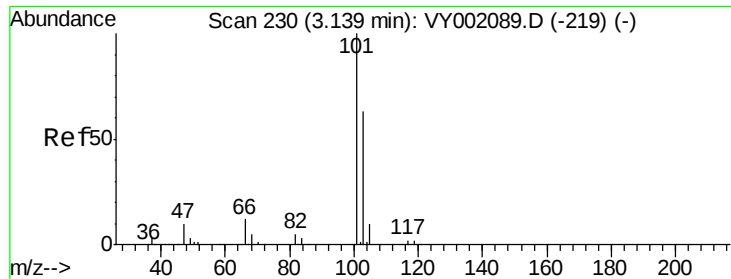
66 31.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY002155.D (-126) (-)

Ion 65.90 (65.60 to 66.60): VY002155.D (-126) (-)



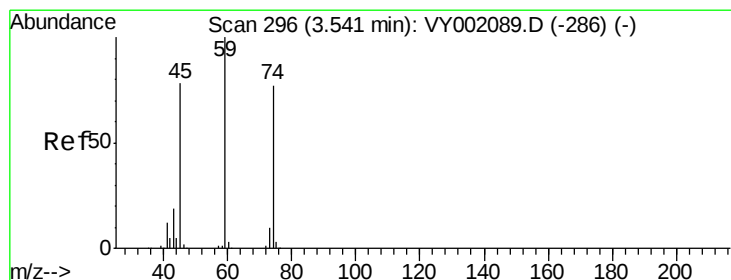
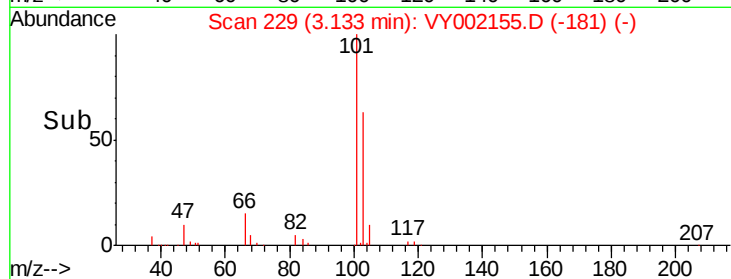
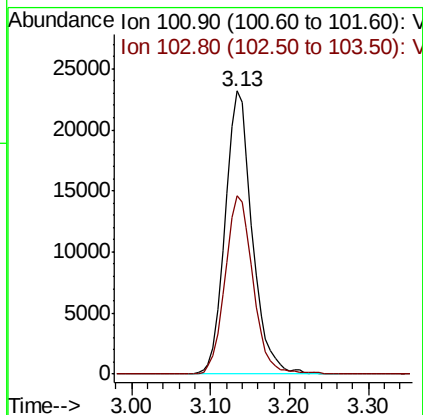
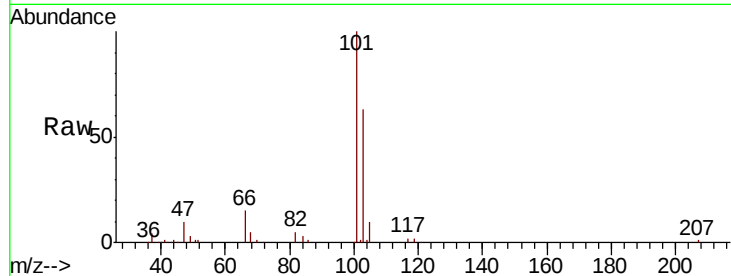


#7

Trichlorofluoromethane
 Concen: 21.648 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampled :

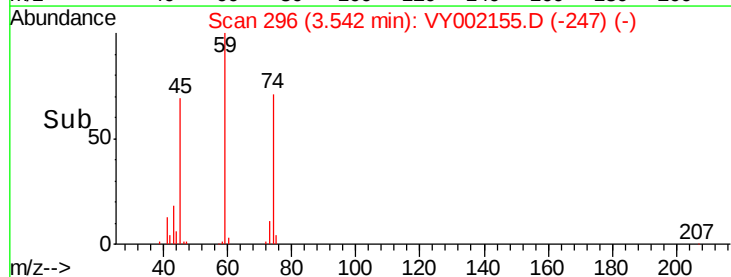
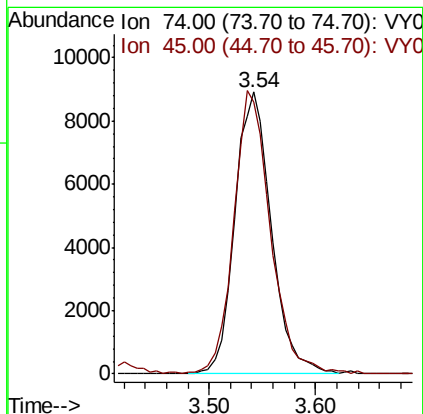
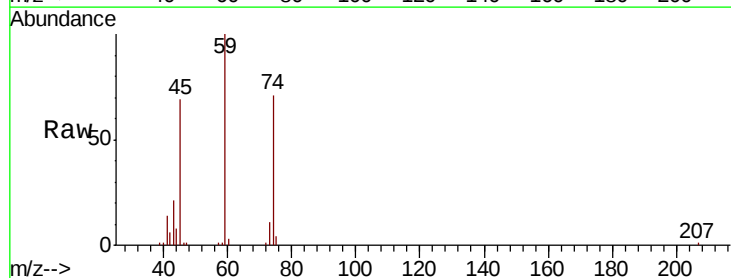
Tot Ion:101 Resp: 55233
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.6 76.0

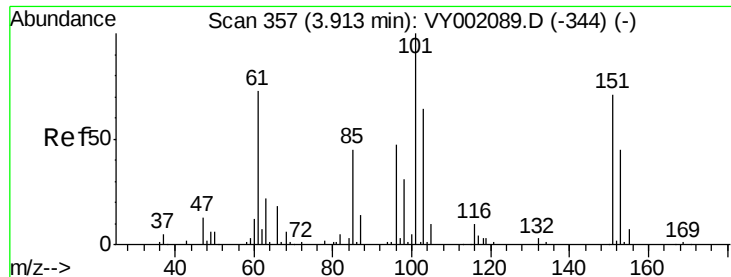


#8

Diethyl Ether
 Concen: 19.814 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 74 Resp: 21412
 Ion Ratio Lower Upper
 74 100
 45 101.6 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.040 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

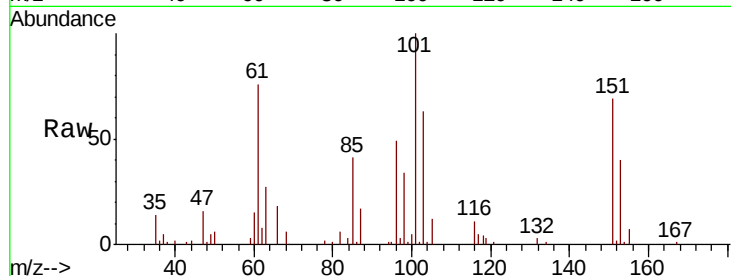
Tot Ion:101 Resp: 35220

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

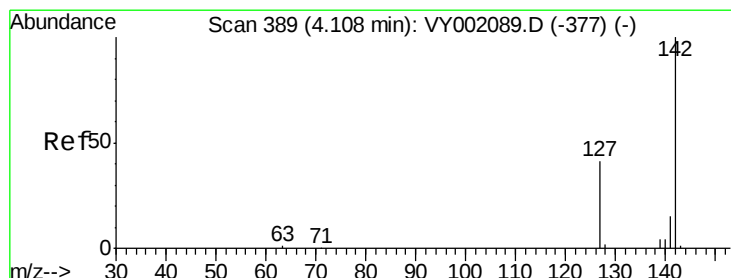
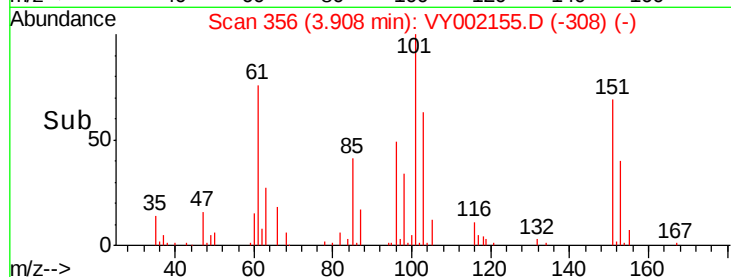
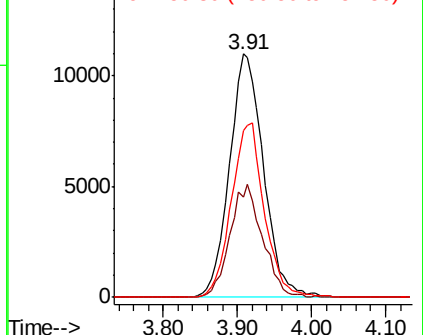
151 69.6 57.5 86.3



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: 19.323 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

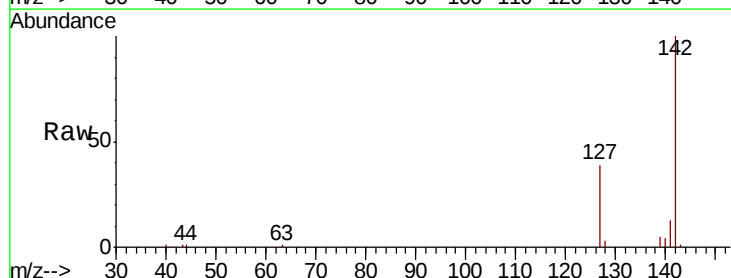
Tgt Ion:142 Resp: 38462

Ion Ratio Lower Upper

142 100

127 39.9 32.6 49.0

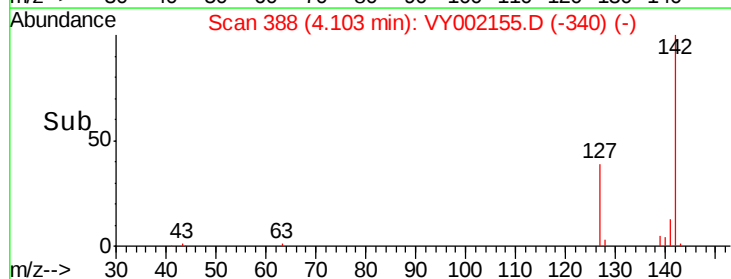
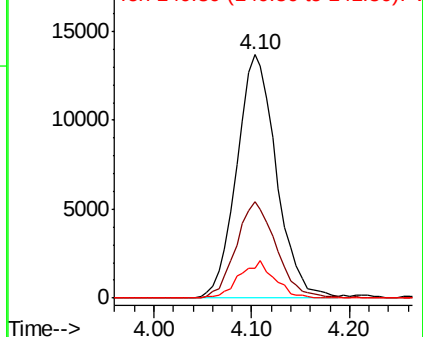
141 13.7 11.4 17.0

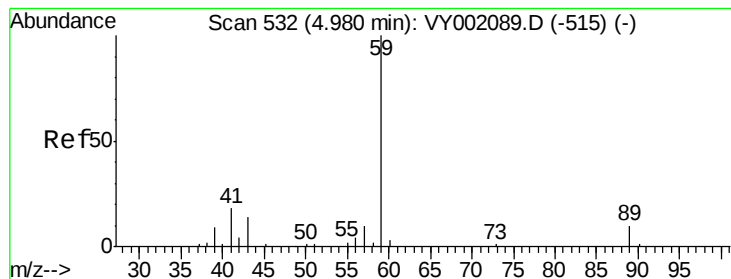


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



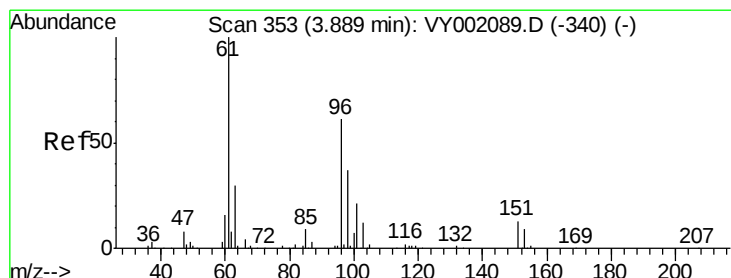
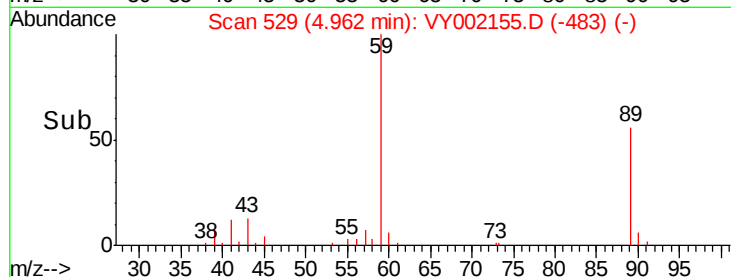
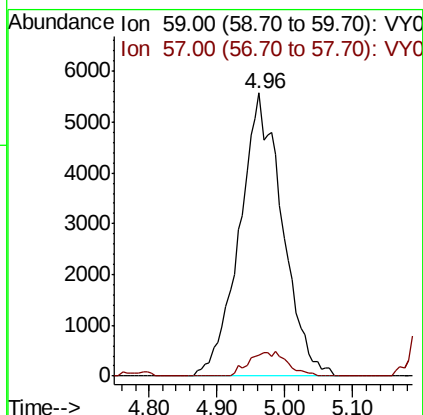
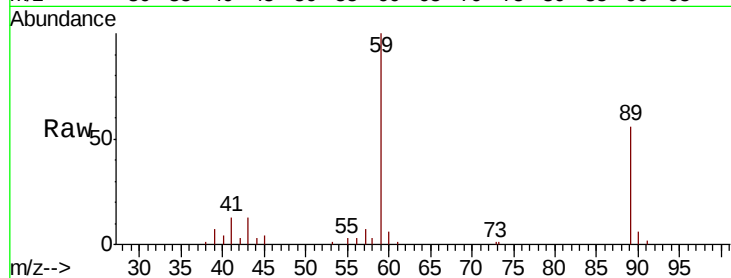


#11

Tert butyl alcohol
 Concen: 119.607 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :

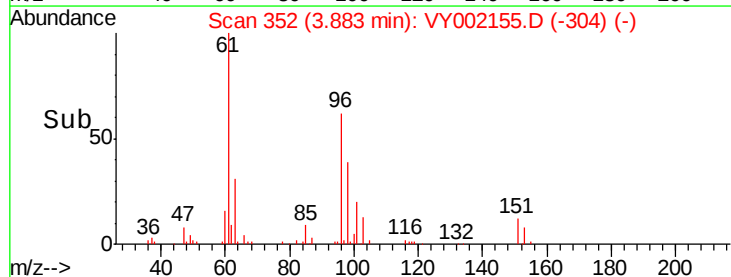
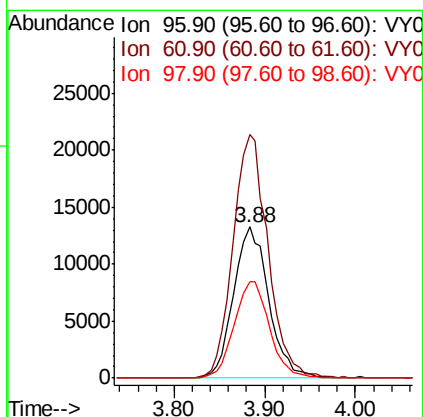
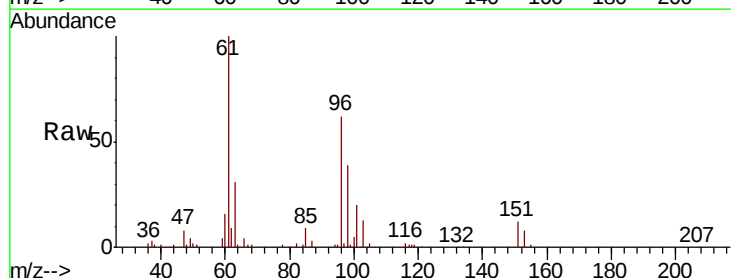
Tot Ion: 59 Resp: 24409
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

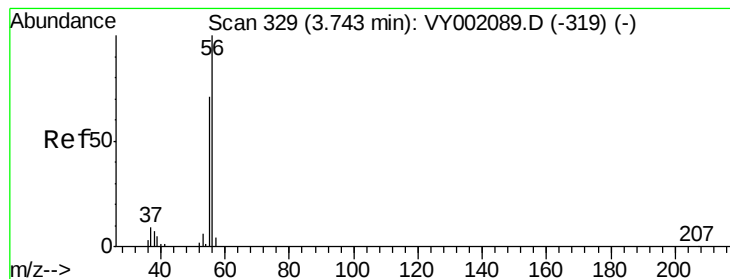


#12

1,1-Dichloroethene
 Concen: 20.970 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 96 Resp: 35645
 Ion Ratio Lower Upper
 96 100
 61 161.0 132.0 198.0
 98 63.4 49.4 74.0





#13

Acrolein

Concen: 85.053 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

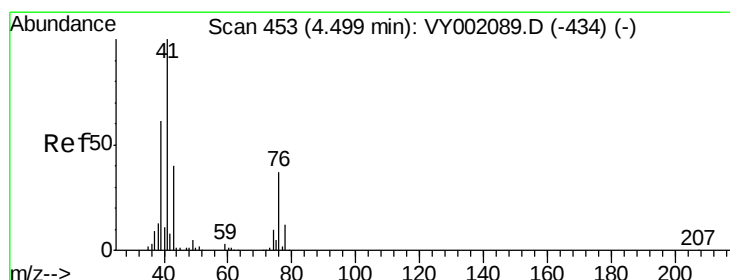
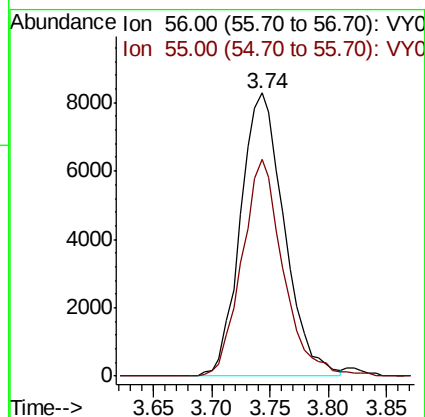
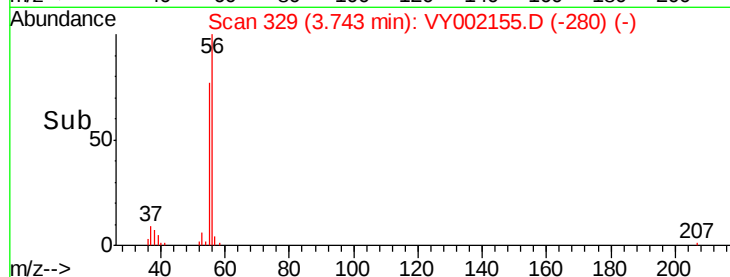
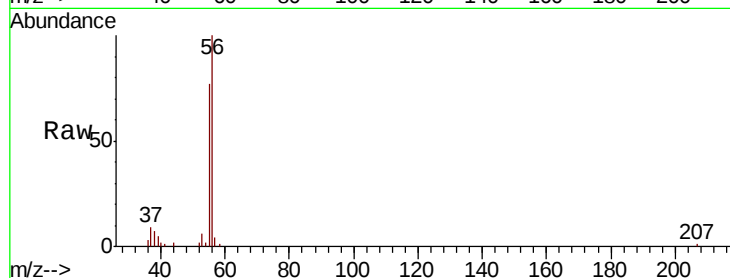
ClientSampleId :

Tot Ion: 56 Resp: 21694

Ion Ratio Lower Upper

56 100

55 72.6 56.5 84.7



#14

Allyl chloride

Concen: 20.158 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

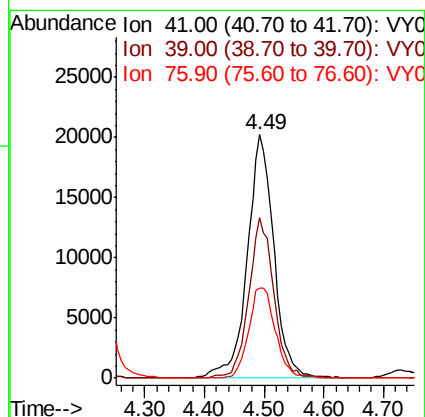
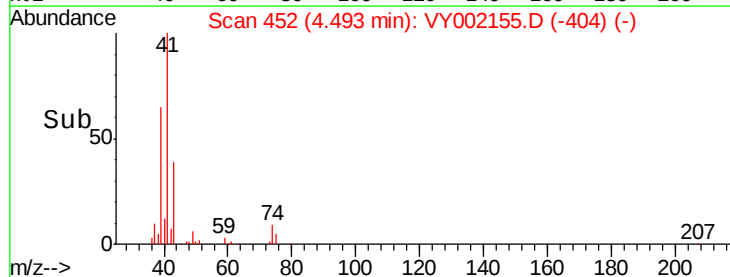
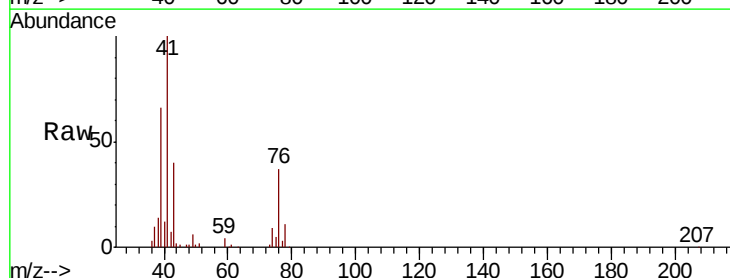
Tgt Ion: 41 Resp: 62726

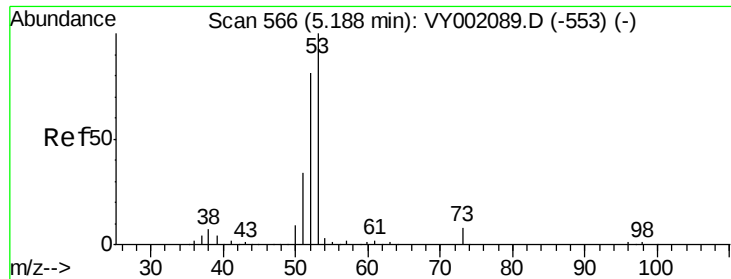
Ion Ratio Lower Upper

41 100

39 62.2 49.0 73.4

76 37.3 27.8 41.8





#15

Acrylonitrile

Concen: 97.434 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

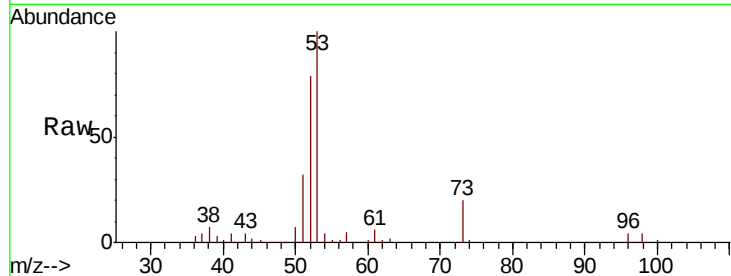
Tot Ion: 53 Resp: 55189

Ion Ratio Lower Upper

53 100

52 81.8 64.6 97.0

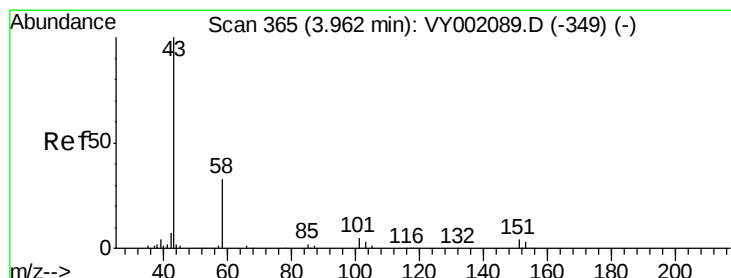
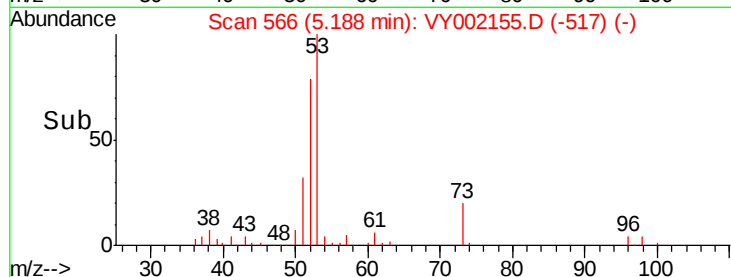
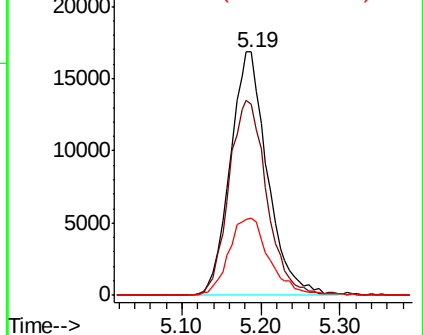
51 34.7 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002155.D (-517) (-)

Ion 52.00 (51.70 to 52.70): VY002155.D (-517) (-)

Ion 51.00 (50.70 to 51.70): VY002155.D (-517) (-)



#16

Acetone

Concen: 93.003 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002155.D

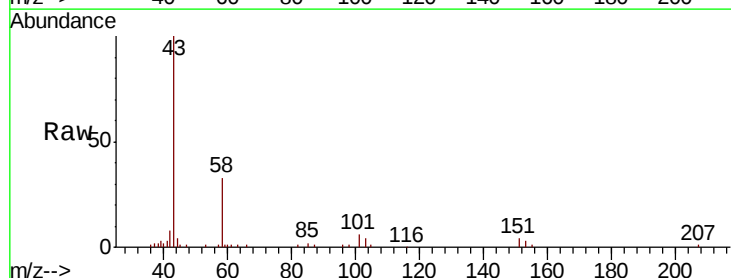
Acq: 01 Apr 2020 12:21

Tgt Ion: 43 Resp: 45249

Ion Ratio Lower Upper

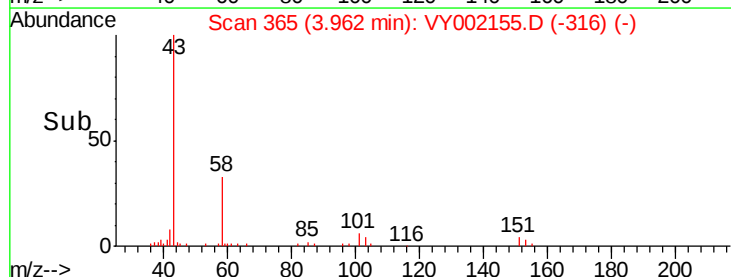
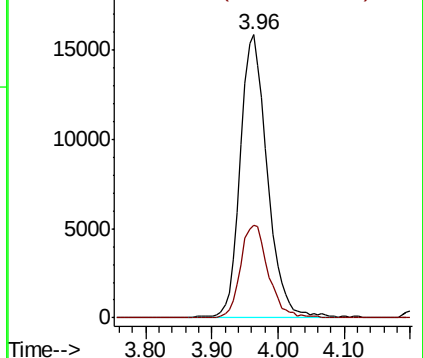
43 100

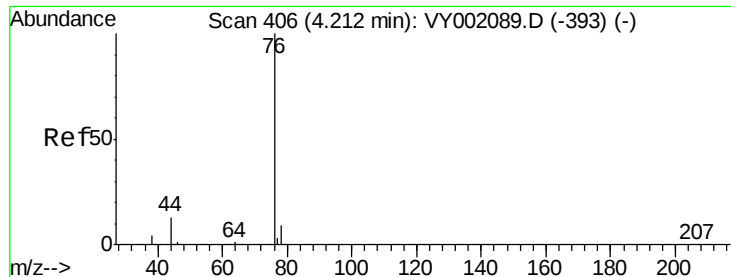
58 32.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002155.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002155.D (-316) (-)

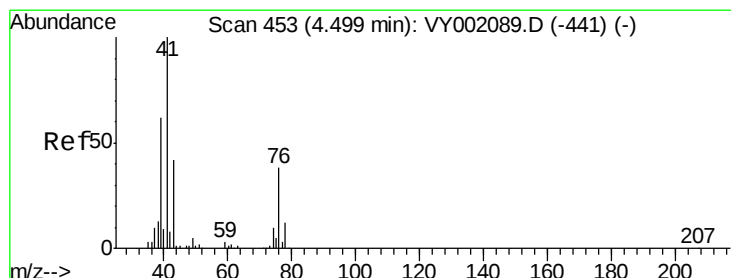
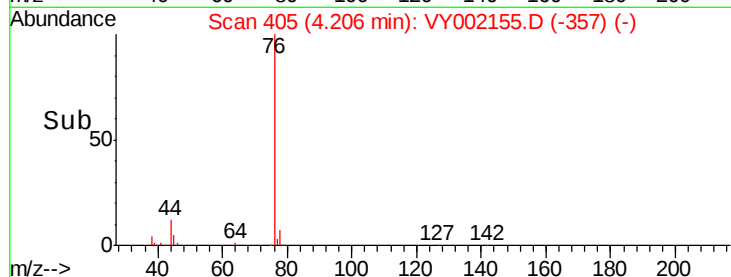
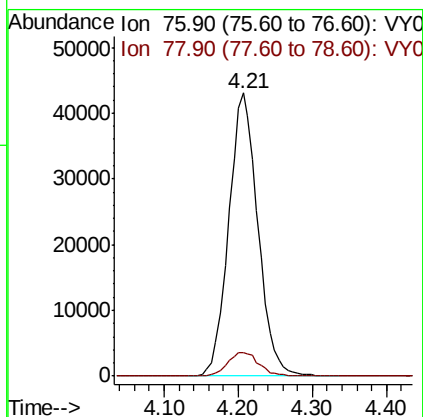
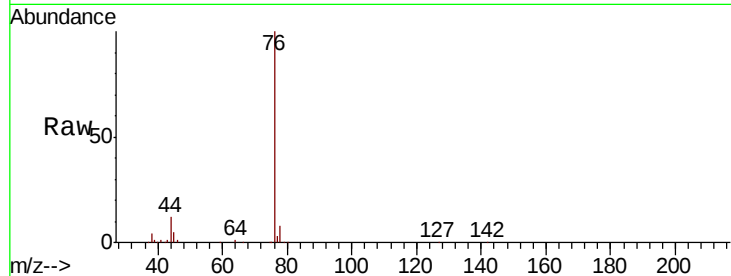




#17
Carbon Disulfide
Concen: 20.877 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

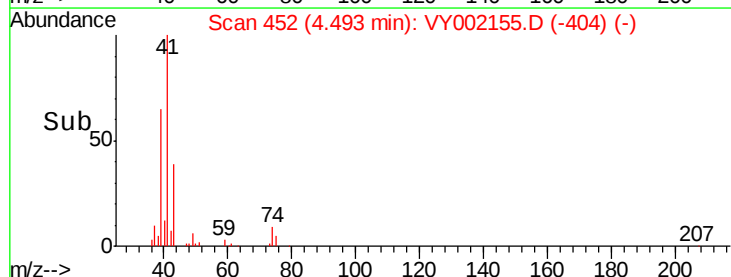
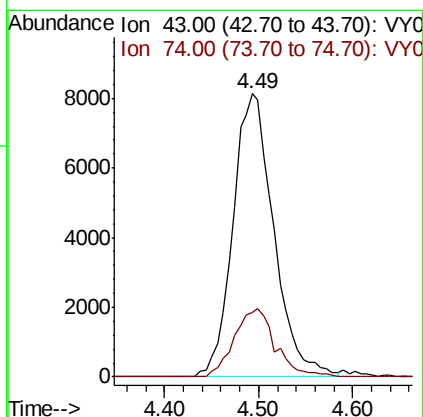
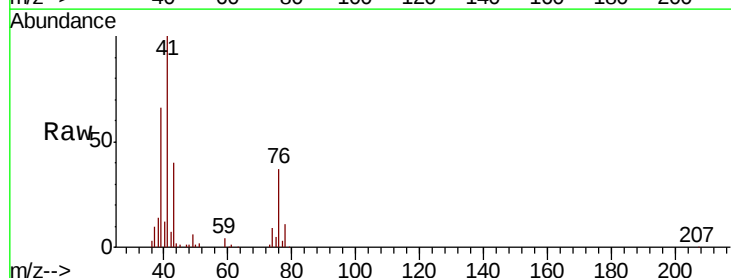
Instrument :
MSVOA_Y
ClientSampleId :

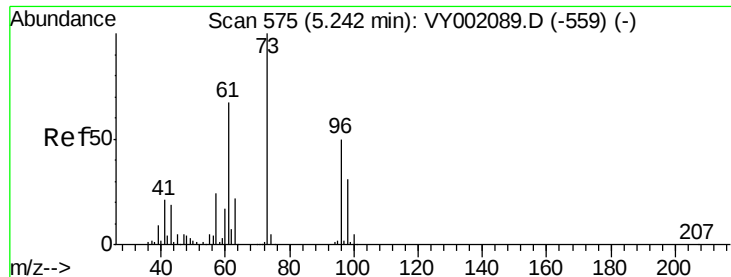
Tot Ion: 76 Resp: 117768
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.451 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 43 Resp: 24574
Ion Ratio Lower Upper
43 100
74 24.3 18.3 27.5

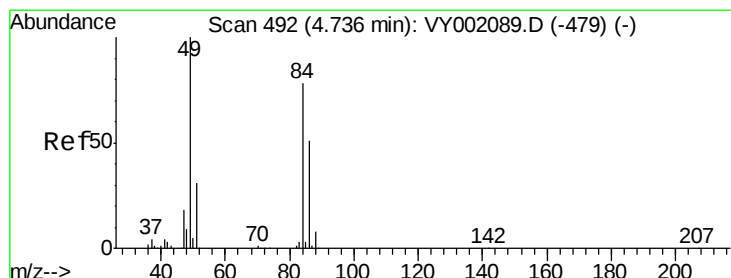
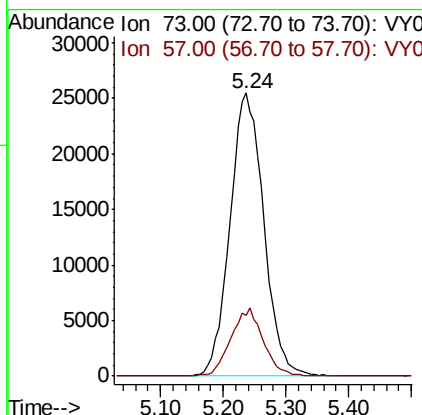
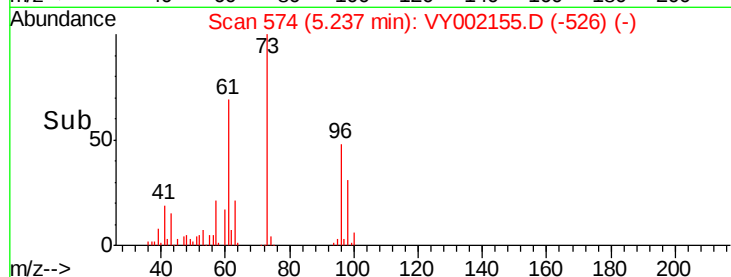
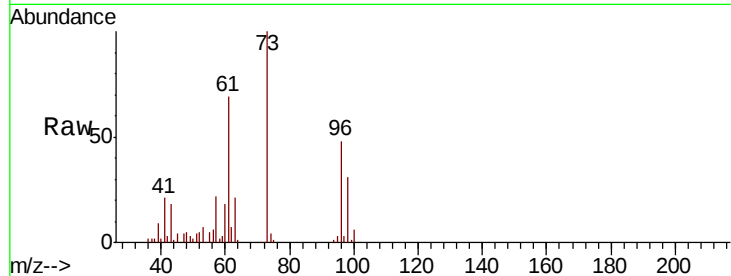




#19
Methyl tert-butyl Ether
Concen: 20.020 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

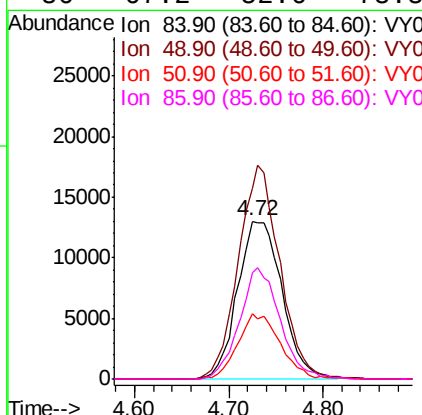
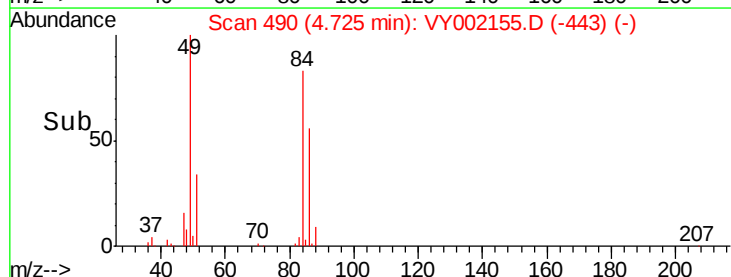
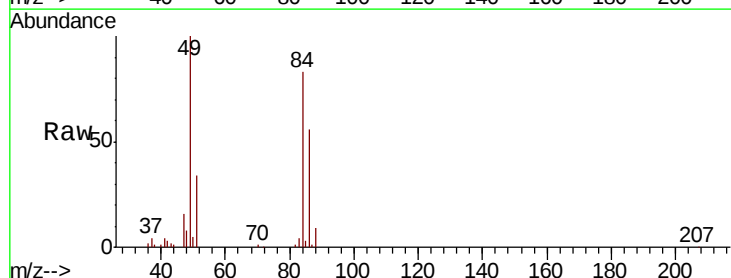
Instrument :
MSVOA_Y
ClientSampled :

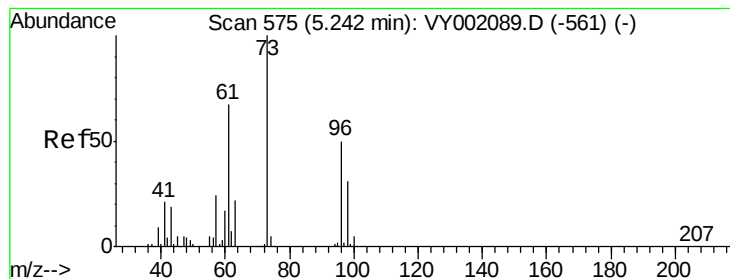
Tot Ion: 73 Resp: 94931
Ion Ratio Lower Upper
73 100
57 21.6 19.0 28.6



#20
Methylene Chloride
Concen: 18.015 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 84 Resp: 42889
Ion Ratio Lower Upper
84 100
49 120.9 102.2 153.4
51 41.1 31.2 46.8
86 67.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.607 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

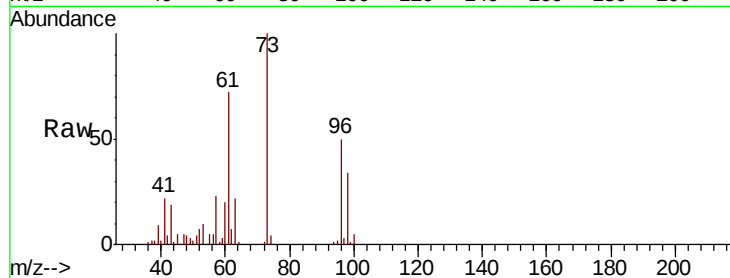
Tot Ion: 96 Resp: 39883

Ion Ratio Lower Upper

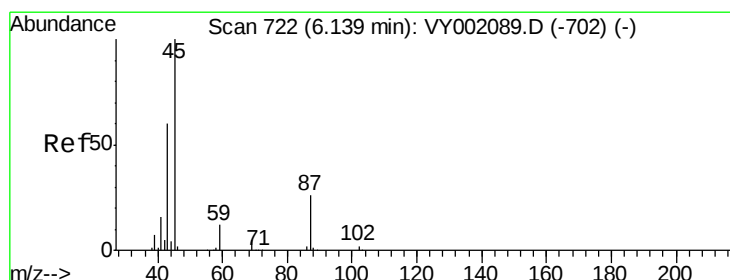
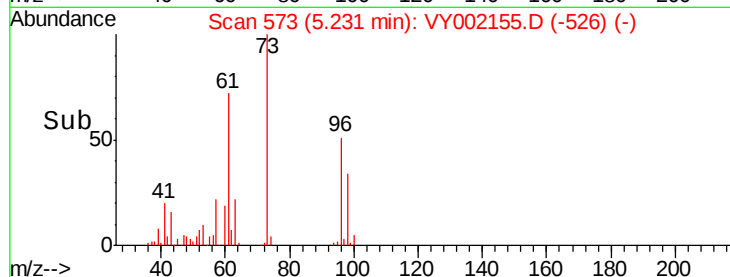
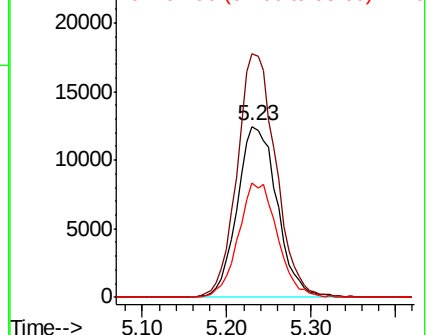
96 100

61 142.5 107.7 161.5

98 66.9 50.5 75.7



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: 20.444 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion: 45 Resp: 130191

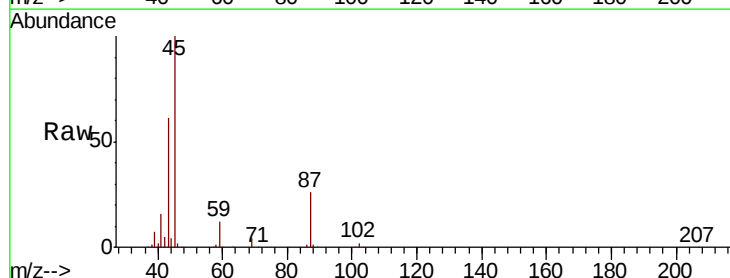
Ion Ratio Lower Upper

45 100

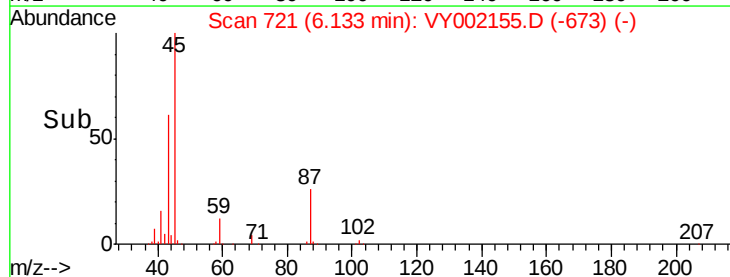
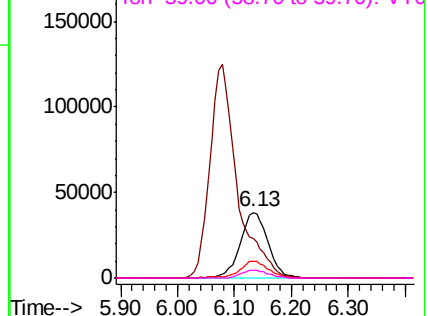
43 60.1 48.1 72.1

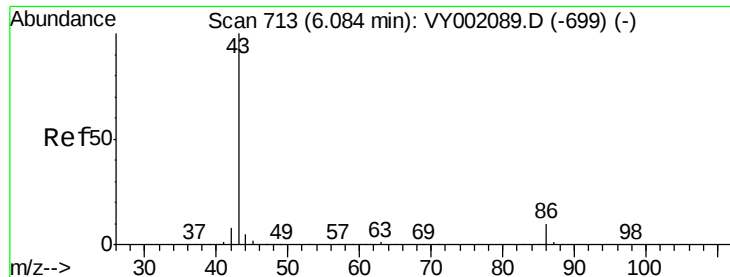
87 26.0 21.1 31.7

59 11.7 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0

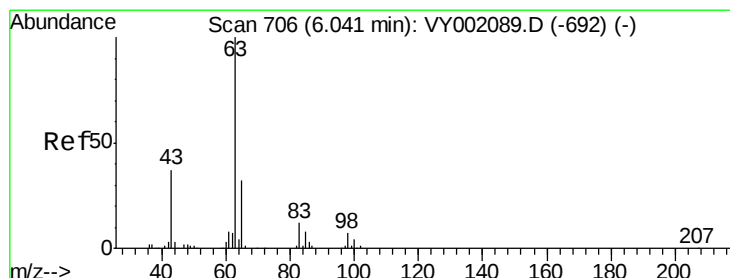
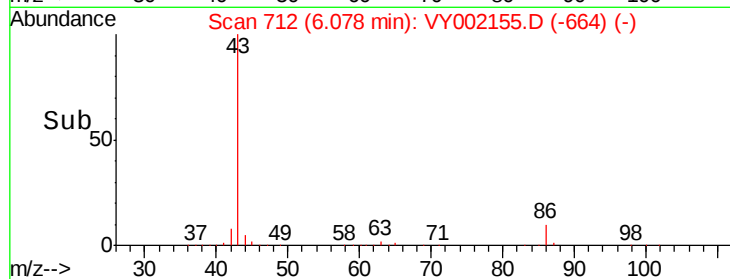
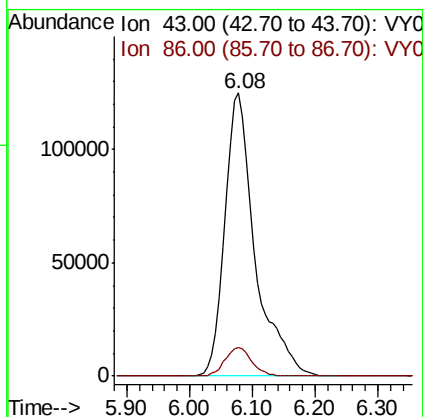
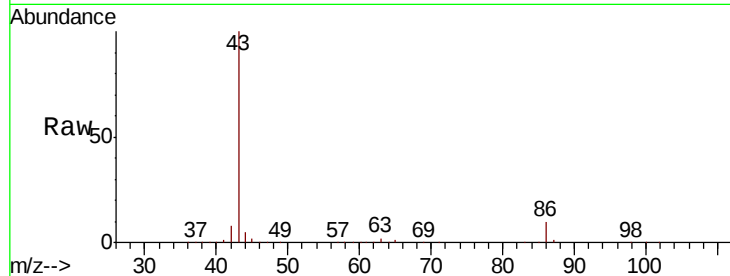




#23
 Vinyl Acetate
 Concen: 99.820 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

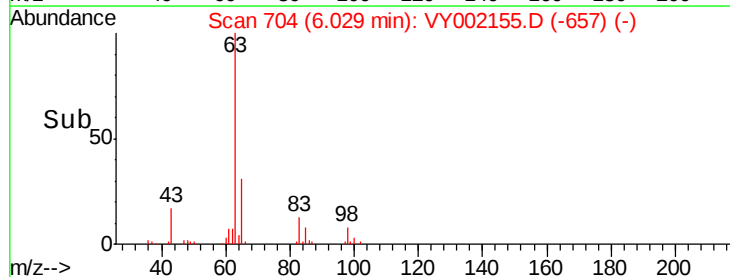
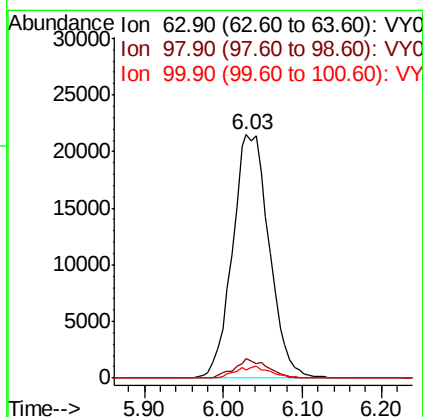
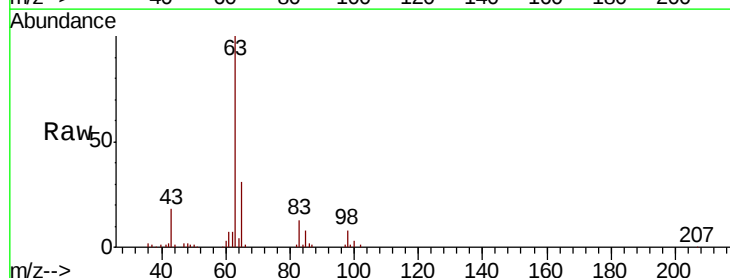
Instrument :
 MSVOA_Y
 ClientSampleId :

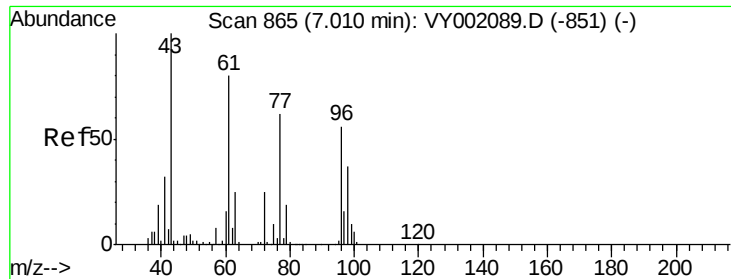
Tot Ion: 43 Resp: 416836
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.538 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 63 Resp: 69540
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 3.3 1.8 5.5

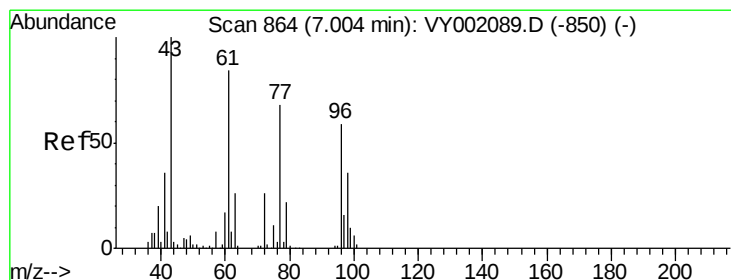
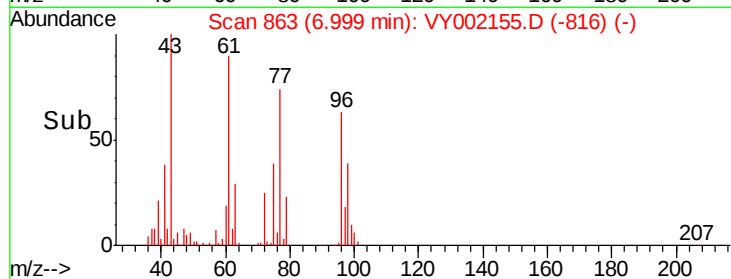
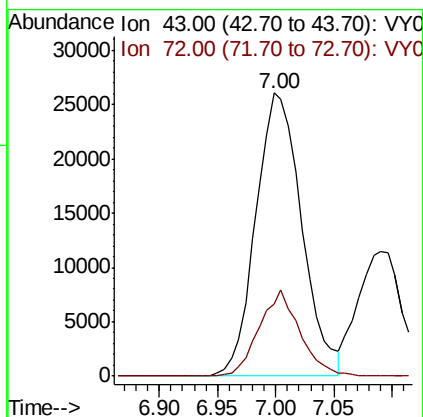
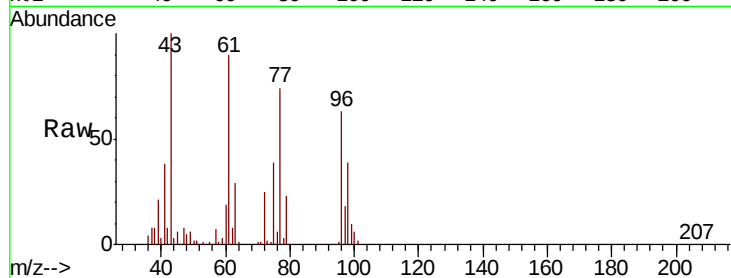




#25
2-Butanone
Concen: 95.302 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

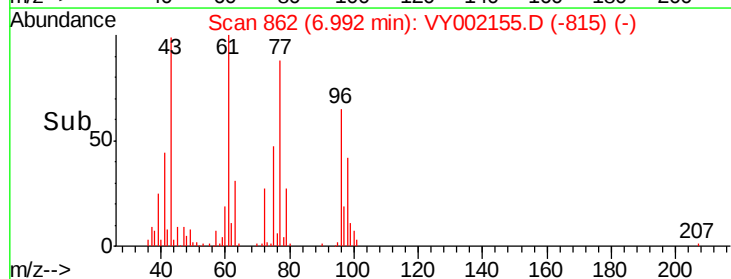
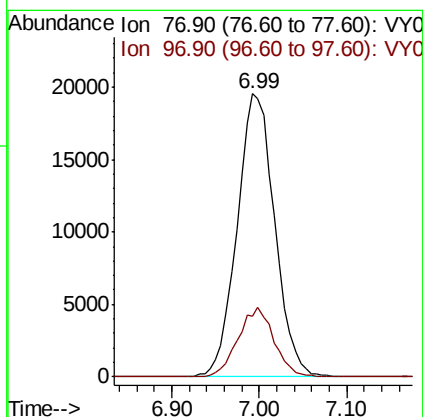
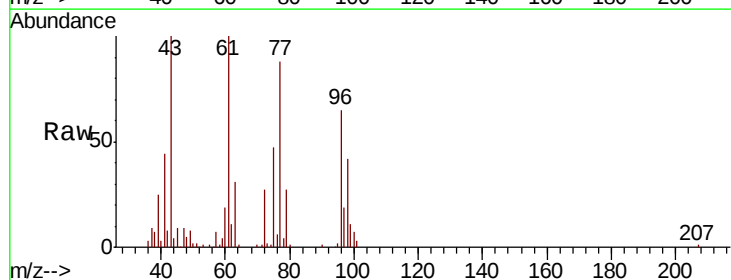
Instrument :
MSVOA_Y
ClientSampled :

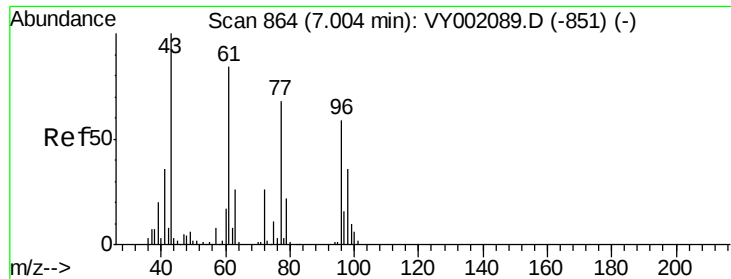
Tot Ion: 43 Resp: 71198
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.870 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 77 Resp: 58198
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1



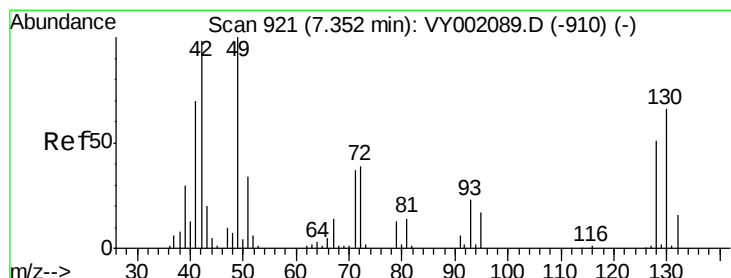
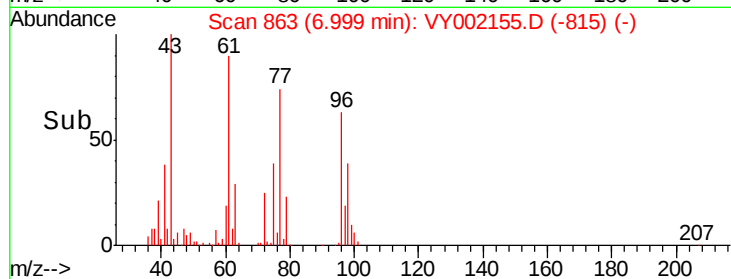
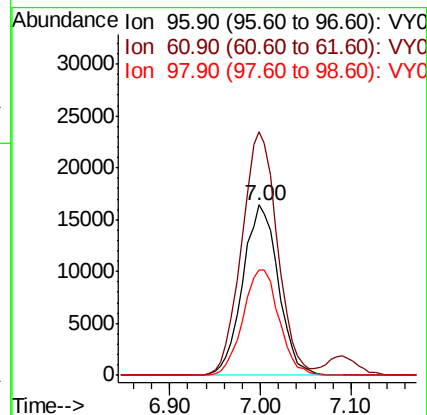
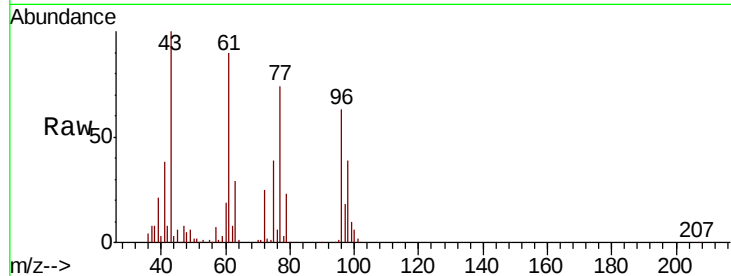


#27

cis-1,2-Dichloroethene
Concen: 21.039 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :

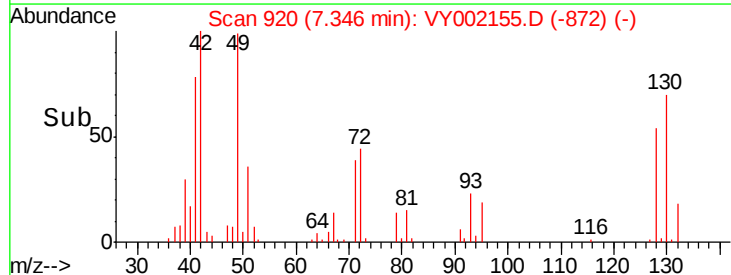
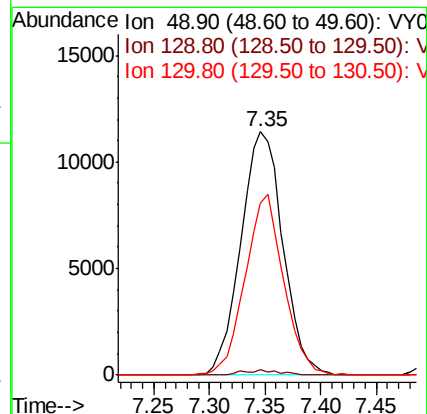
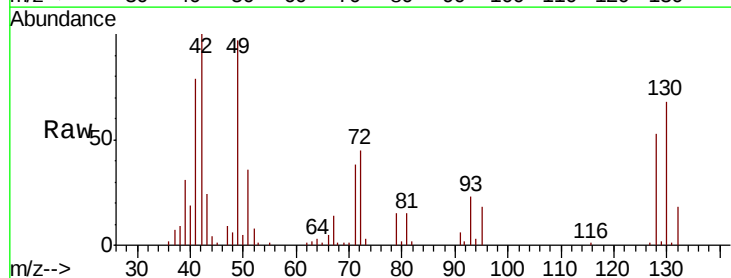
Tot Ion: 96 Resp: 44797
Ion Ratio Lower Upper
96 100
61 143.1 0.0 290.6
98 62.4 0.0 128.0

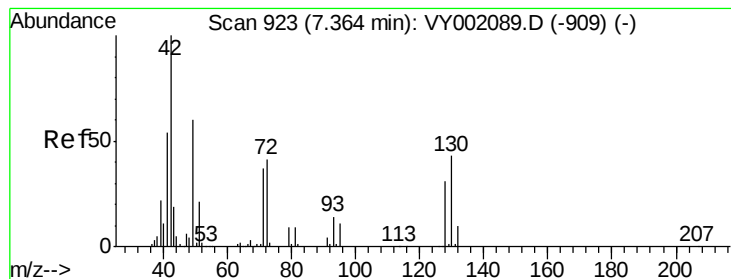


#28

Bromochloromethane
Concen: 19.379 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 49 Resp: 29956
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 67.9 54.1 81.1





#29

Tetrahydrofuran

Concen: 95.635 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :

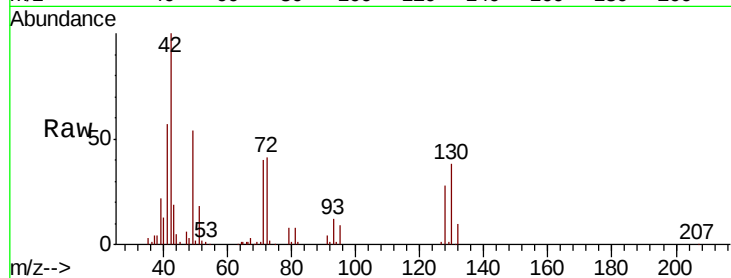
Tot Ion: 42 Resp: 46843

Ion Ratio Lower Upper

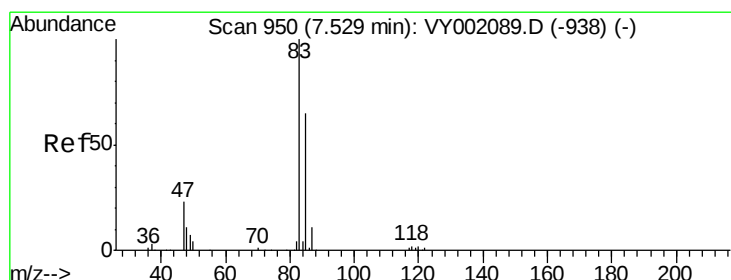
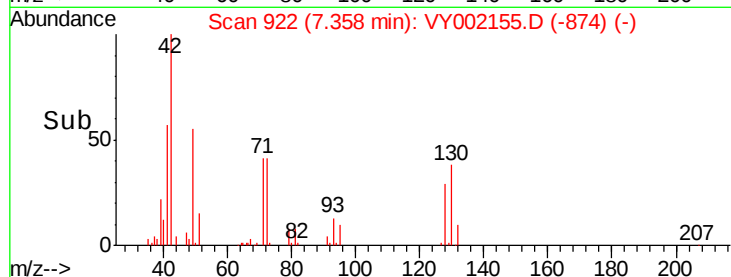
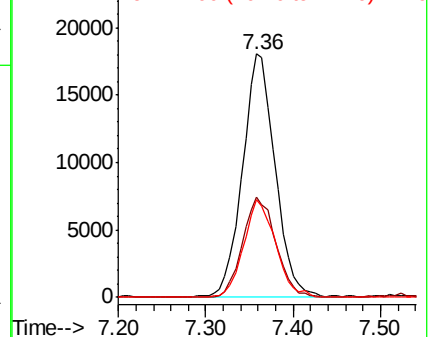
42 100

72 42.0 33.0 49.4

71 39.2 31.2 46.8



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



#30

Chloroform

Concen: 20.205 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002155.D

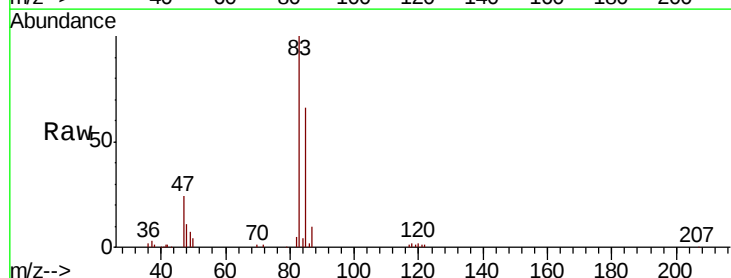
Acq: 01 Apr 2020 12:21

Tgt Ion: 83 Resp: 64846

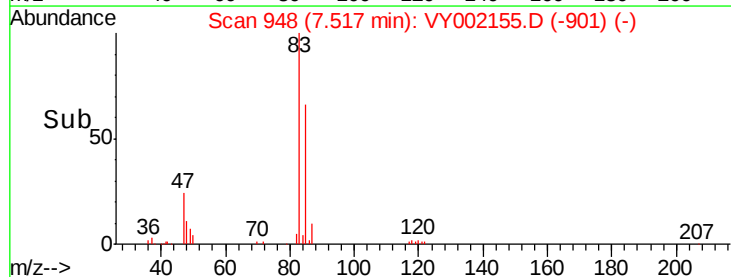
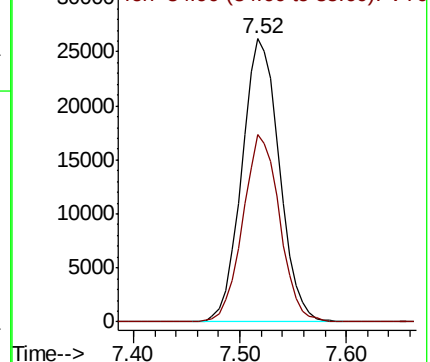
Ion Ratio Lower Upper

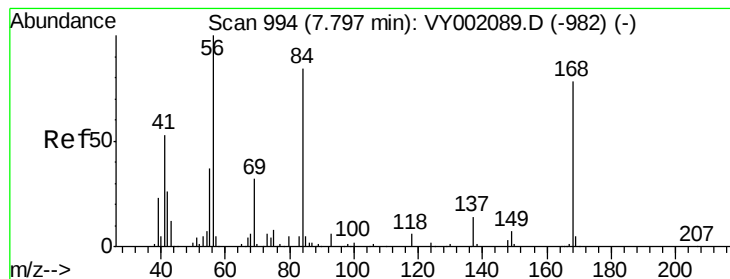
83 100

85 66.4 52.4 78.6



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





#31

Cyclohexane

Concen: 20.487 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :

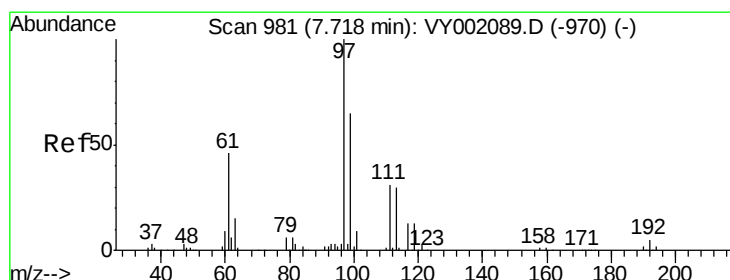
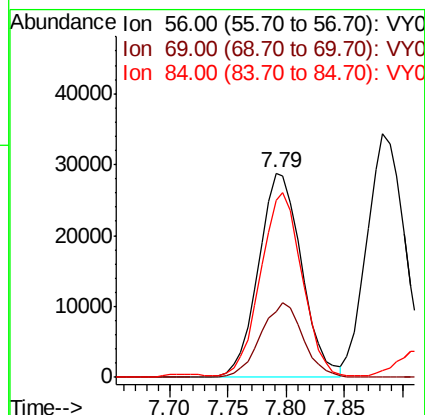
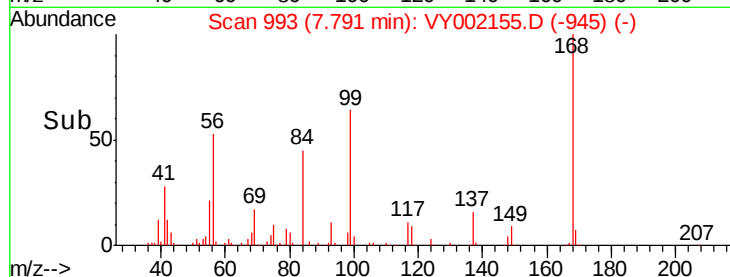
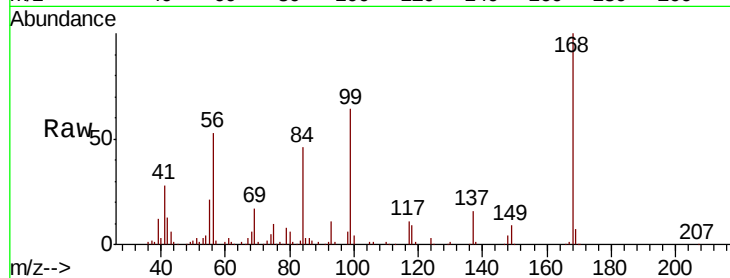
Tot Ion: 56 Resp: 73916

Ion Ratio Lower Upper

56 100

69 31.9 25.8 38.8

84 84.9 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 20.599 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

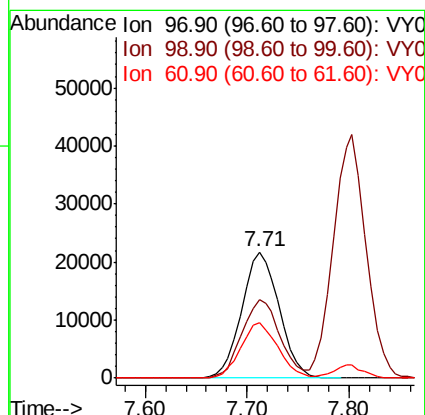
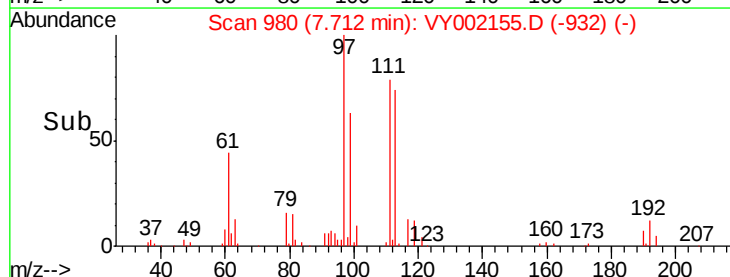
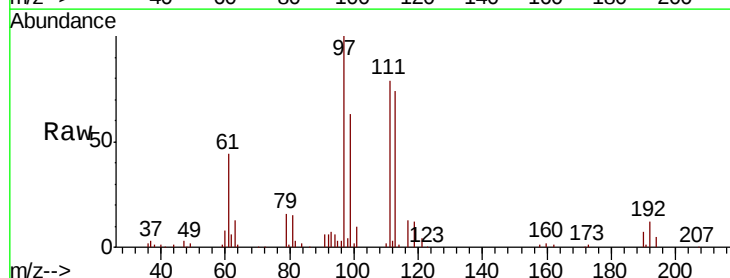
Tgt Ion: 97 Resp: 55197

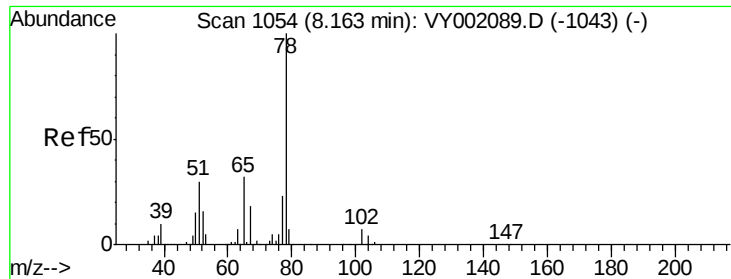
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 43.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

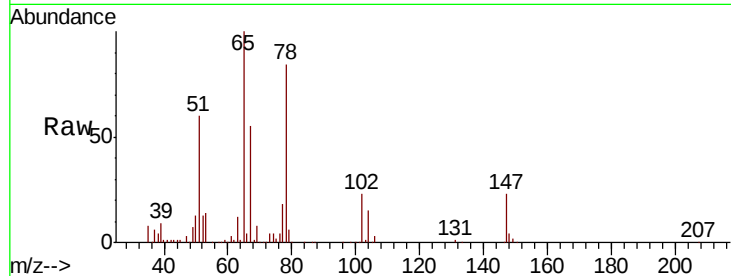
ClientSampleId :

Tot Ion: 65 Resp: 81831

Ion Ratio Lower Upper

65 100

67 56.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

40000

30000

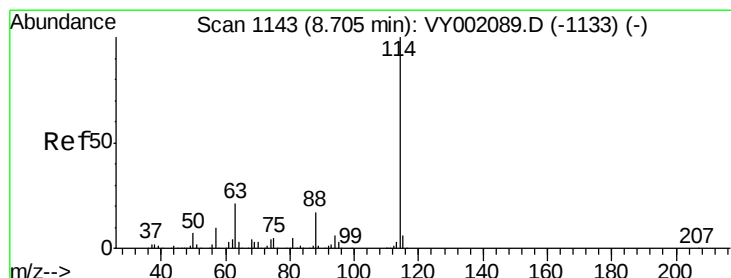
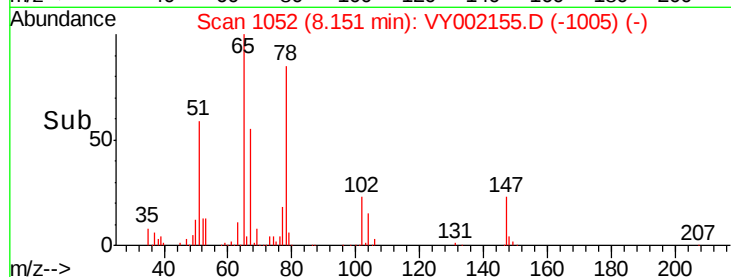
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

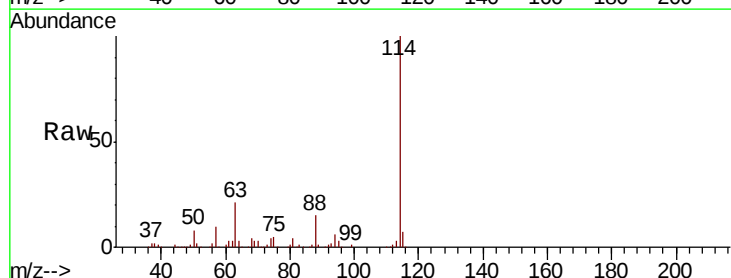
Tgt Ion: 114 Resp: 287989

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

200000

150000

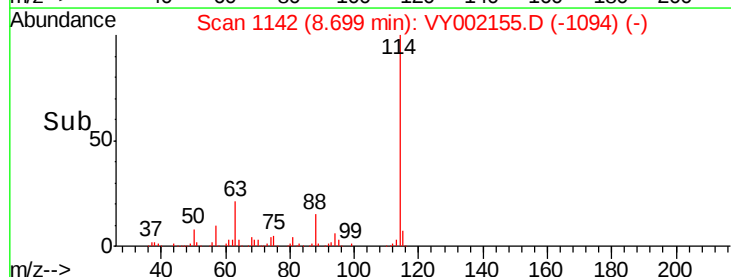
100000

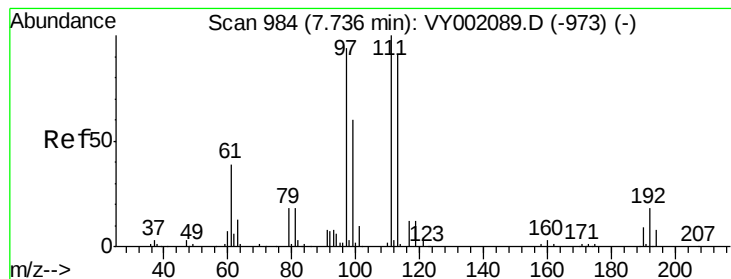
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.149 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

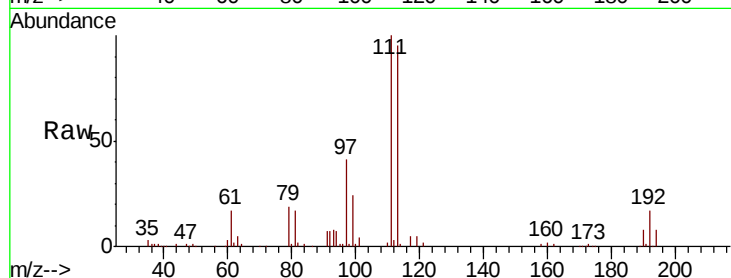
Tot Ion:113 Resp: 76081

Ion Ratio Lower Upper

113 100

111 105.0 84.4 126.6

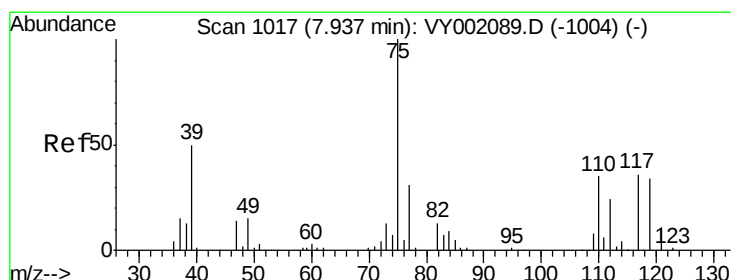
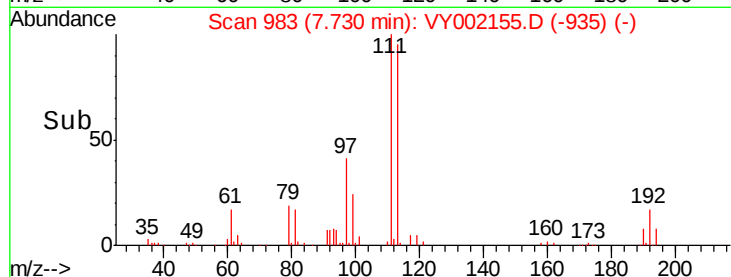
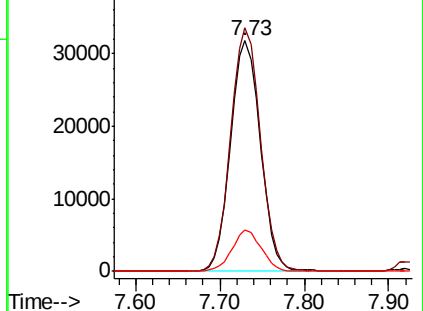
192 17.5 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.287 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

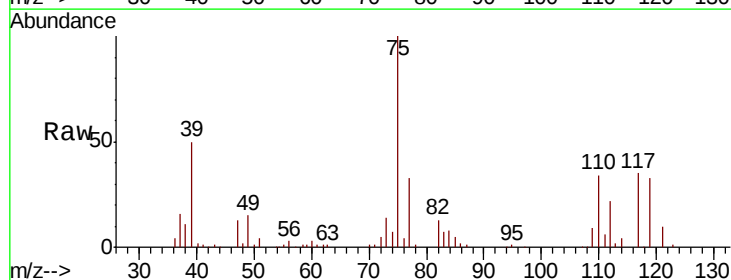
Tgt Ion: 75 Resp: 55262

Ion Ratio Lower Upper

75 100

110 34.1 17.2 51.6

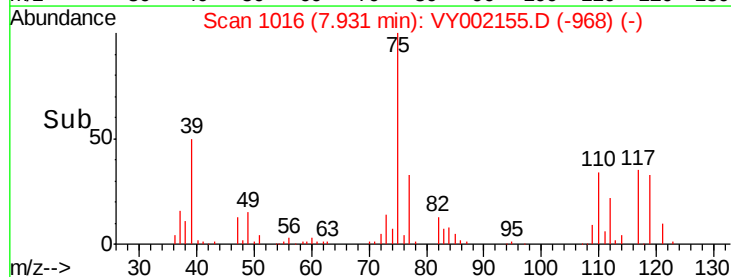
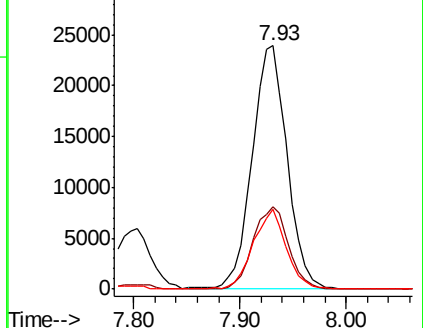
77 30.9 24.7 37.1

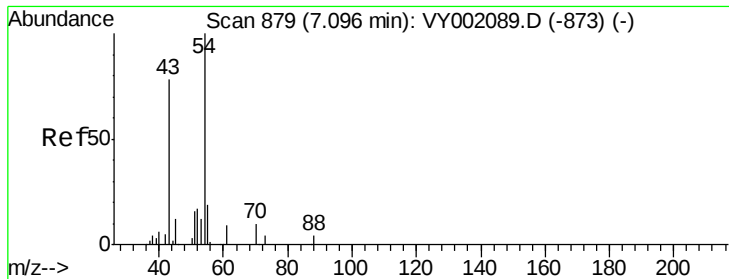


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

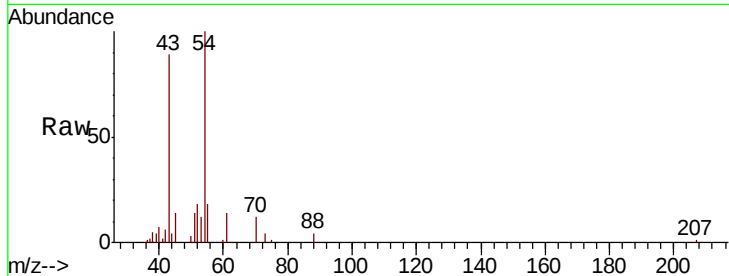




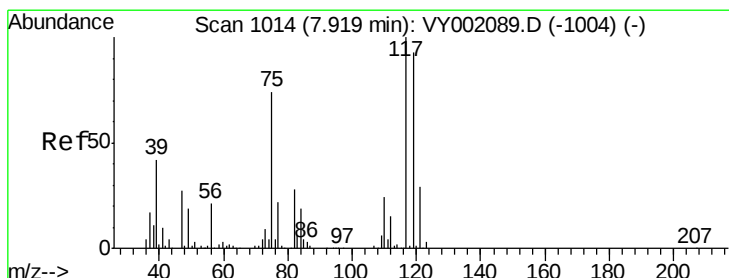
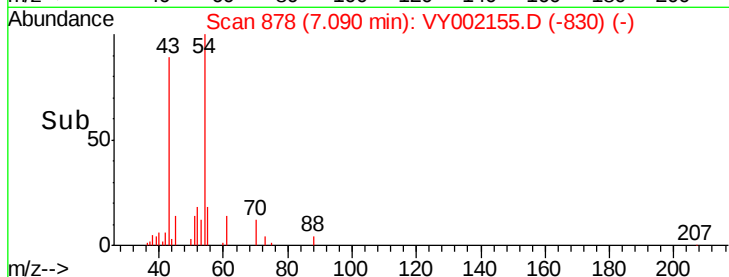
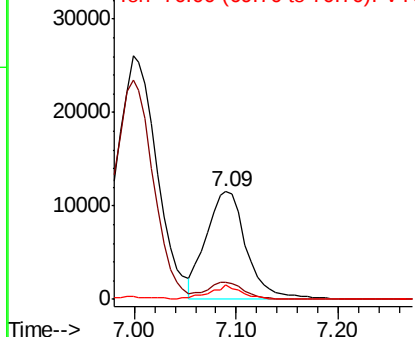
#37
Ethyl Acetate
Concen: 19.313 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 31792
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.7 8.2 12.4

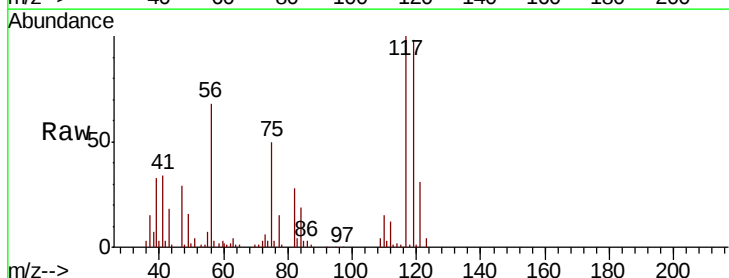


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

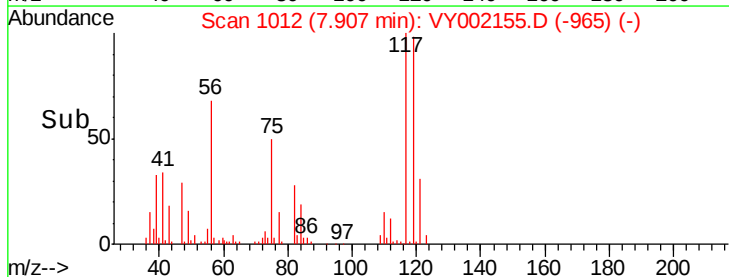
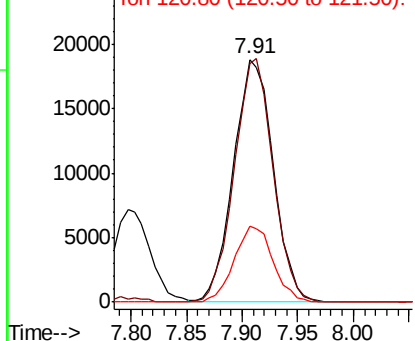


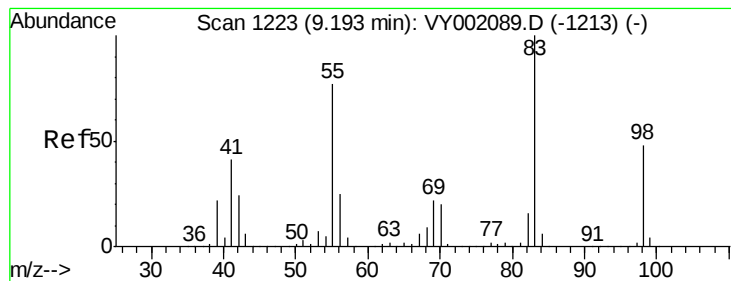
#38
Carbon Tetrachloride
Concen: 20.270 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 117 Resp: 46846
Ion Ratio Lower Upper
117 100
119 98.3 74.3 111.5
121 31.1 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

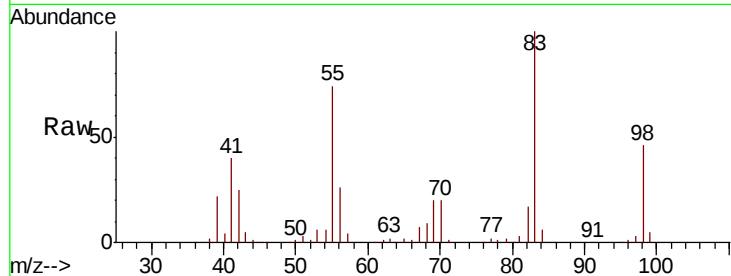




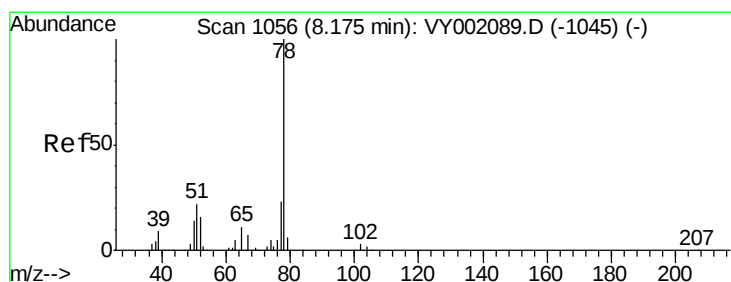
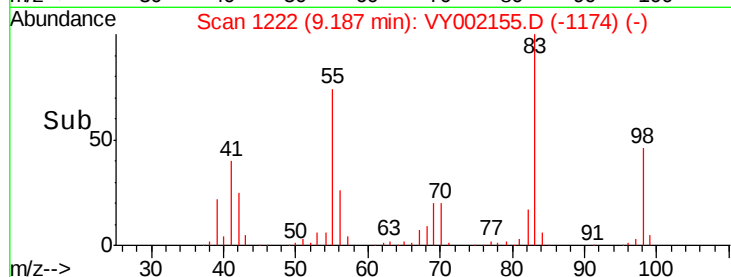
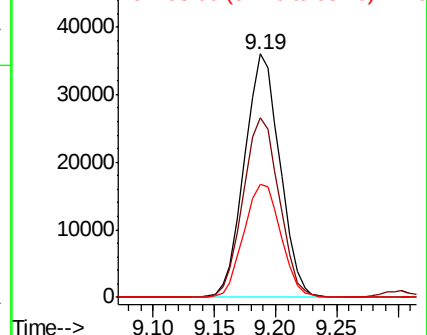
#39
Methylvlcvclohexane
Concen: 20.331 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 72645
Ion Ratio Lower Upper
83 100
55 74.0 61.2 91.8
98 46.3 38.2 57.2

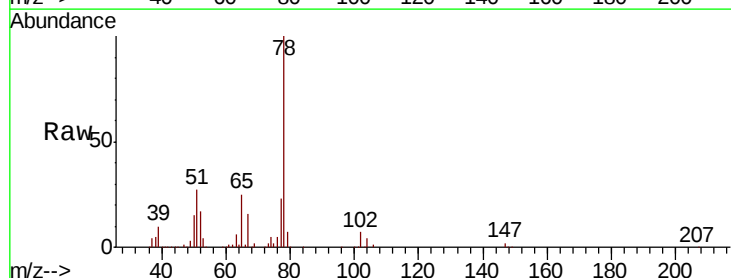


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

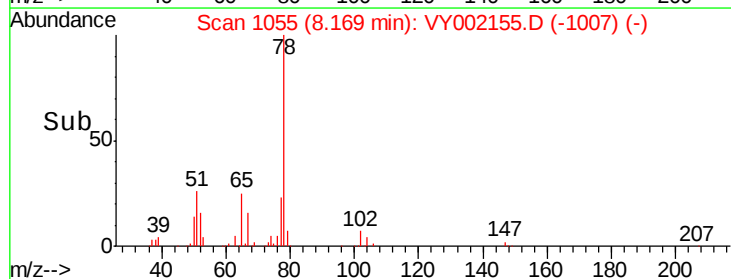
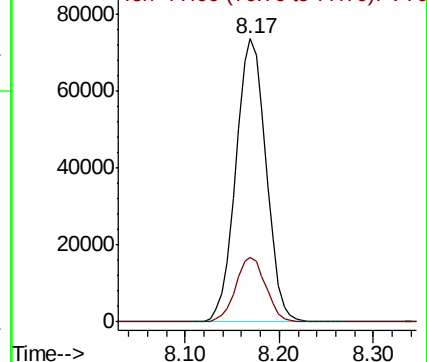


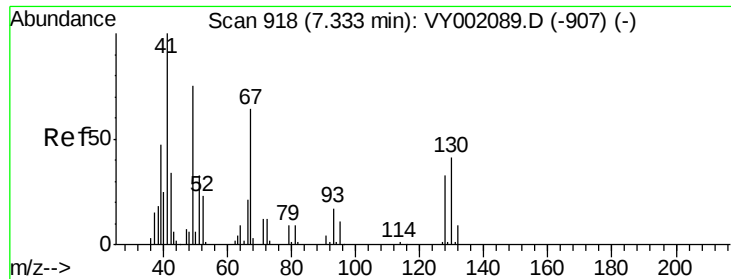
#40
Benzene
Concen: 20.357 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 78 Resp: 164257
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

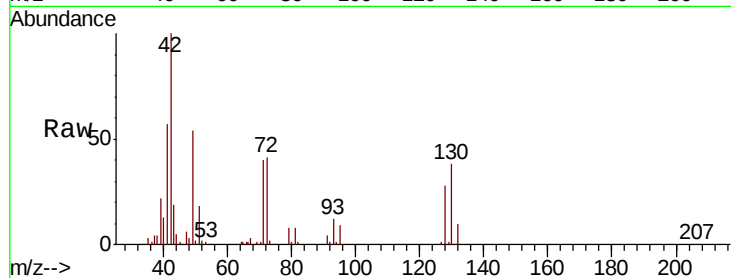




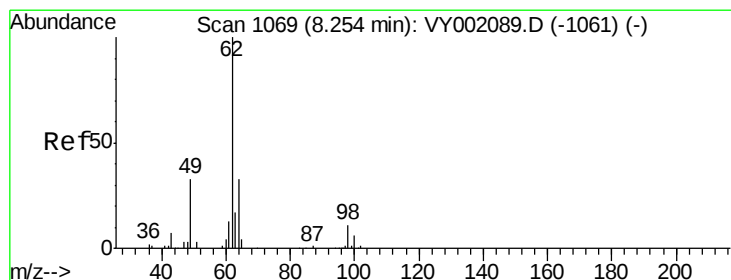
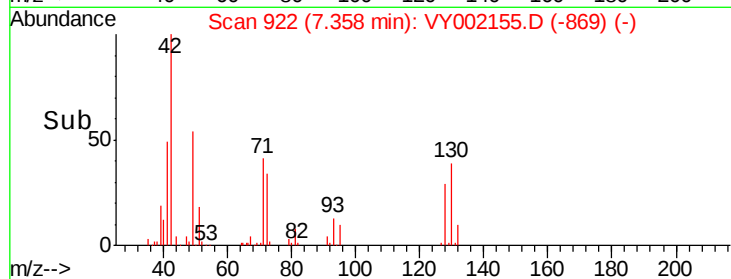
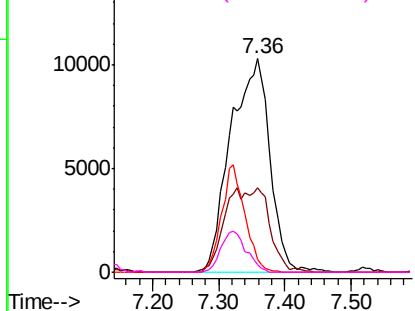
#41
Methacrylonitrile
Concen: 50.906 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	42387
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

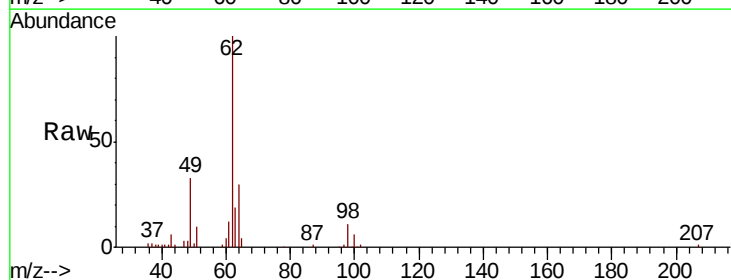


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

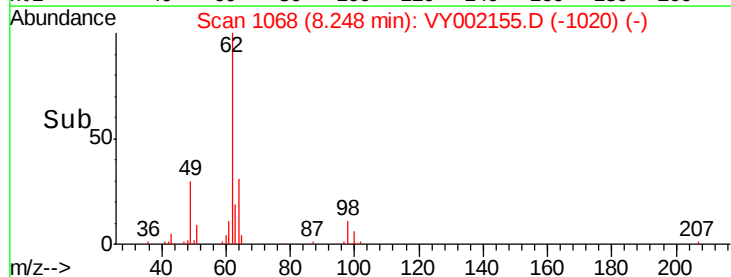
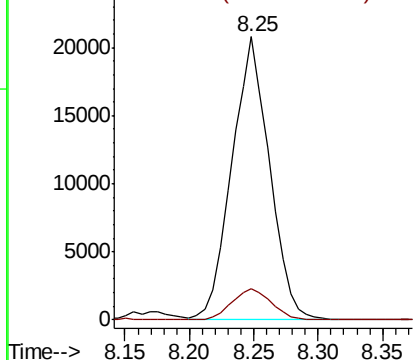


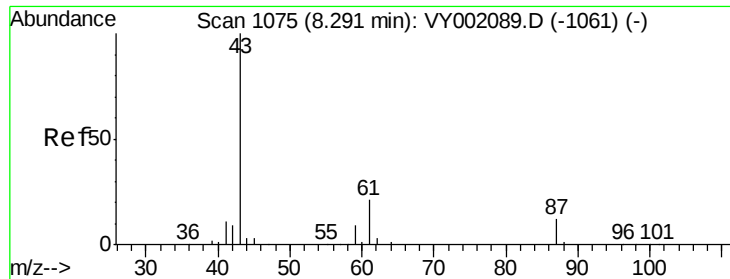
#42
1,2-Dichloroethane
Concen: 19.700 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:	62	Resp:	42200
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.044 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

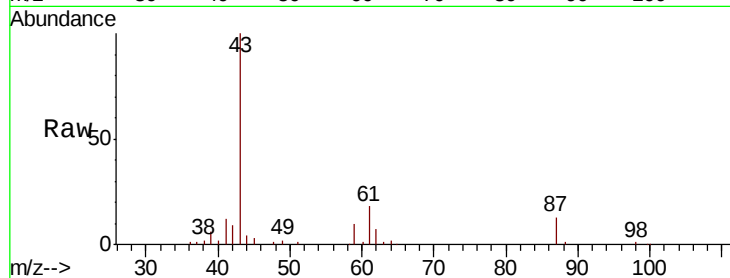
Tot Ion: 43 Resp: 58185

Ion Ratio Lower Upper

43 100

61 29.3 23.4 35.2

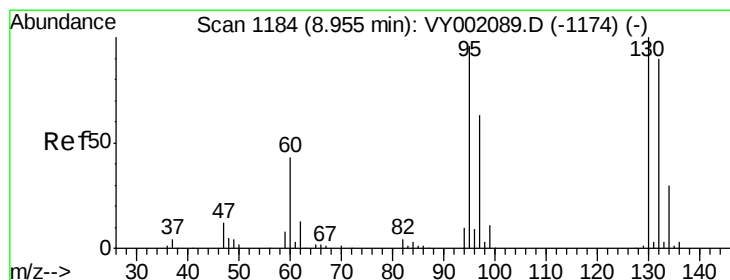
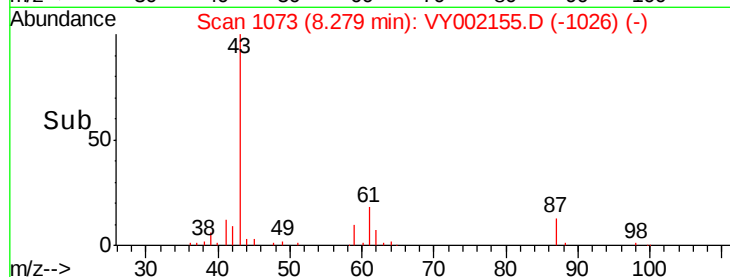
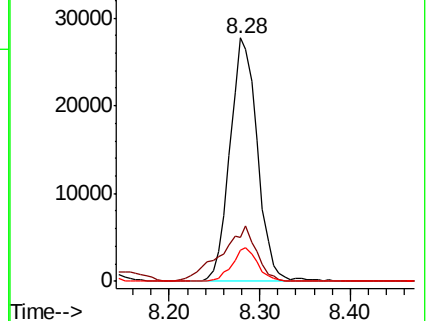
87 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002089.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002089.D (-1061) (-)



#44

Trichloroethene

Concen: 20.621 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002155.D

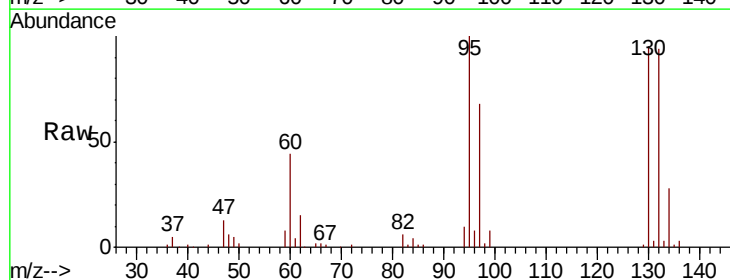
Acq: 01 Apr 2020 12:21

Tgt Ion:130 Resp: 40108

Ion Ratio Lower Upper

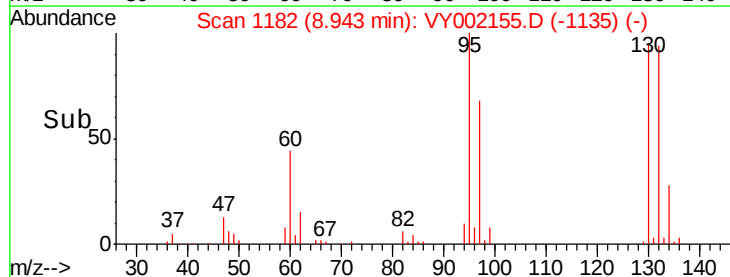
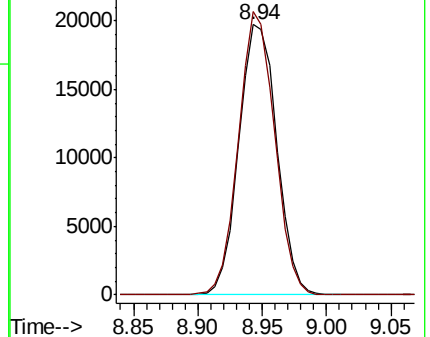
130 100

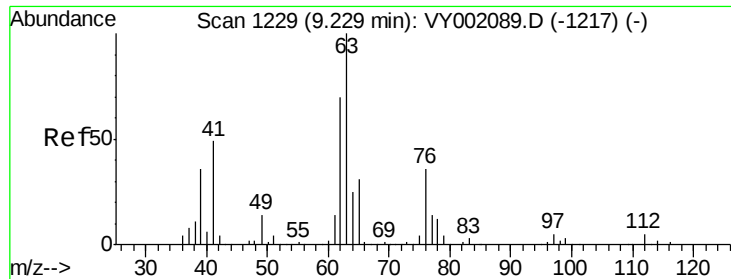
95 104.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002089.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002089.D (-1174) (-)





#45

1,2-Dichloropropane

Concen: 20.486 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

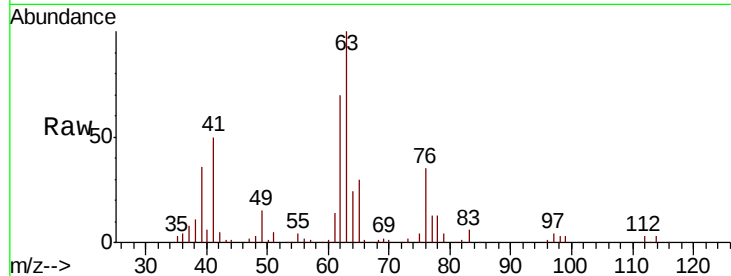
ClientSampleId :

Tot Ion: 63 Resp: 42089

Ion Ratio Lower Upper

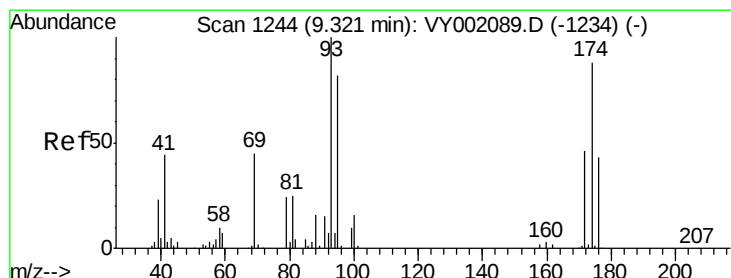
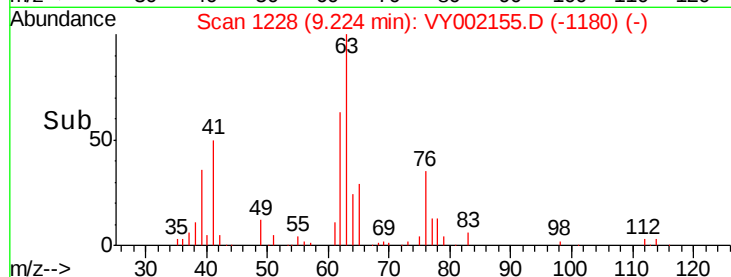
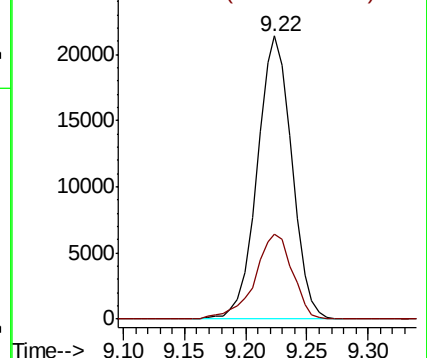
63 100

65 30.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.896 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

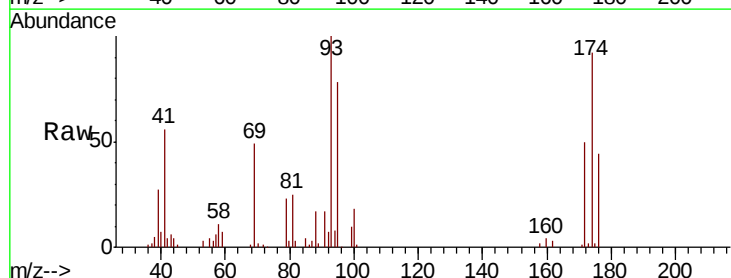
Tgt Ion: 93 Resp: 20992

Ion Ratio Lower Upper

93 100

95 82.3 66.0 99.0

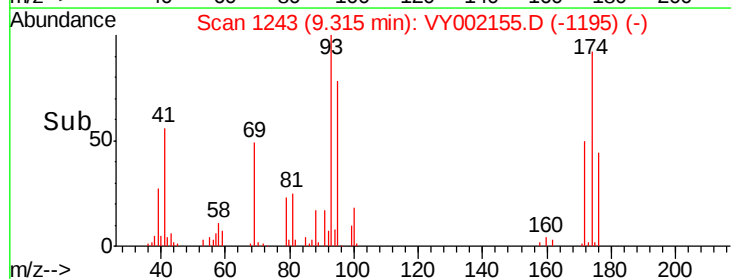
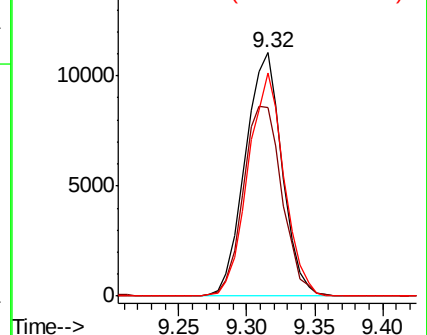
174 89.5 69.8 104.8

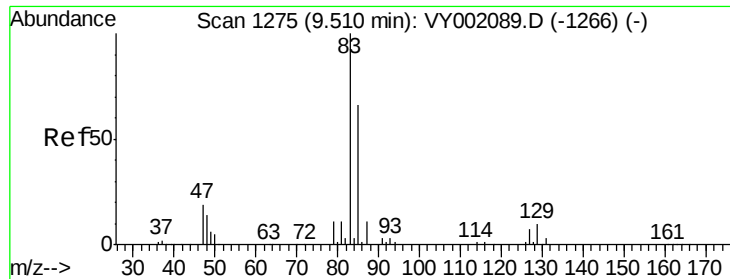


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.262 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

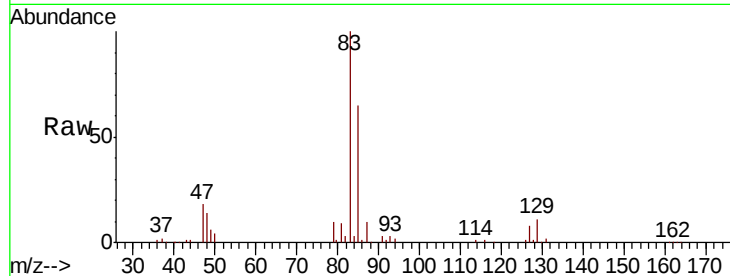
Tot Ion: 83 Resp: 49767

Ion Ratio Lower Upper

83 100

85 64.8 52.6 79.0

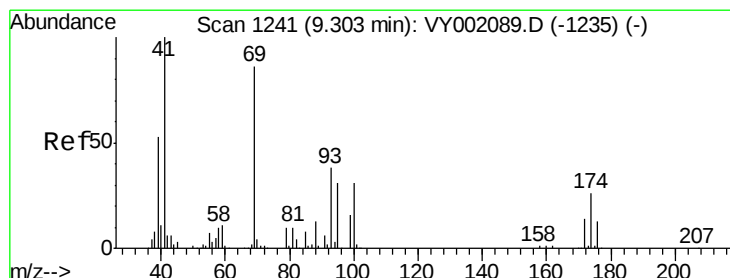
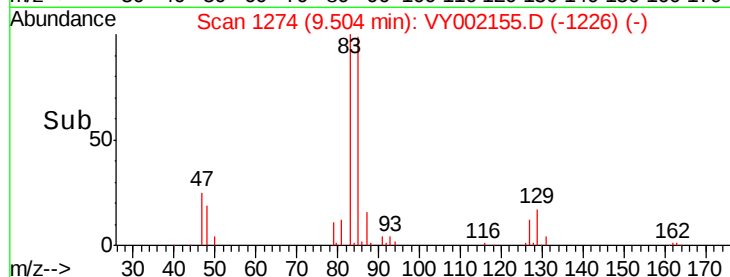
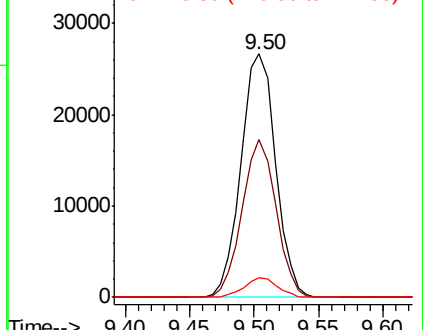
127 7.9 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.733 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

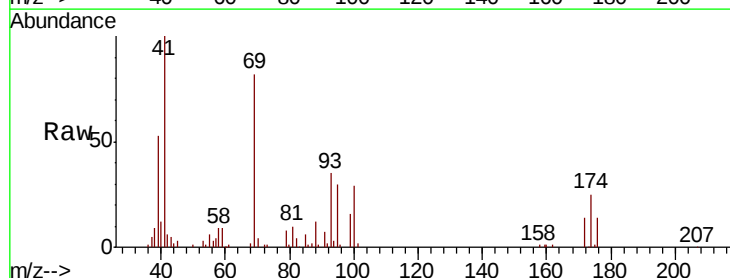
Tgt Ion: 41 Resp: 27018

Ion Ratio Lower Upper

41 100

69 83.0 71.4 107.0

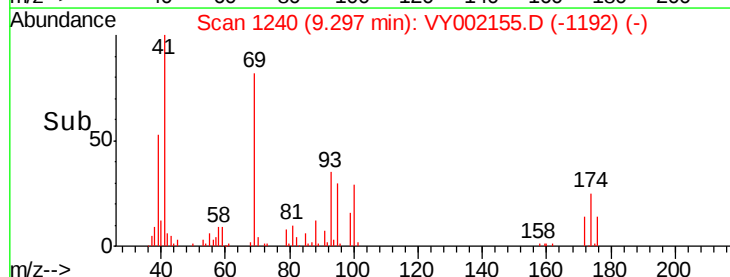
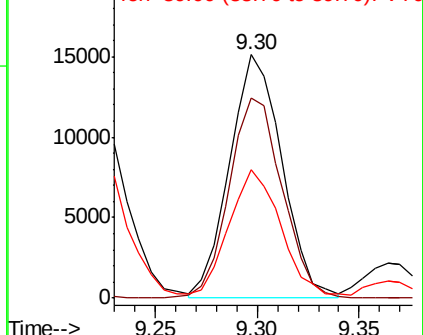
39 50.4 41.0 61.4

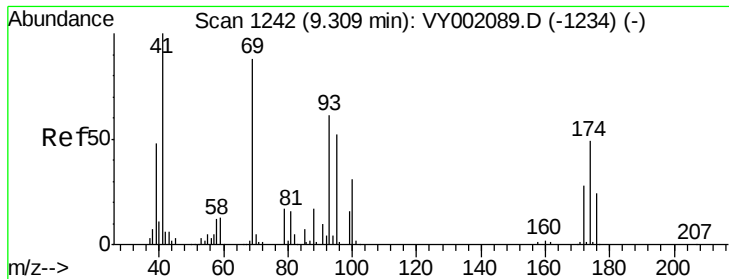


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

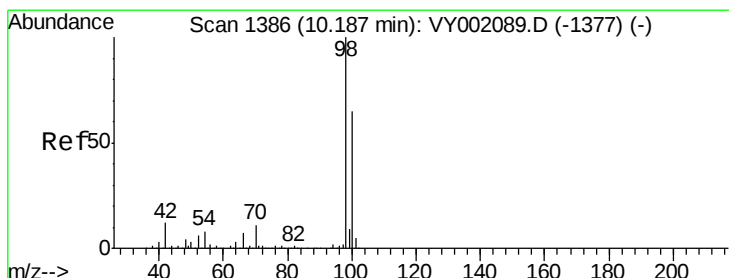
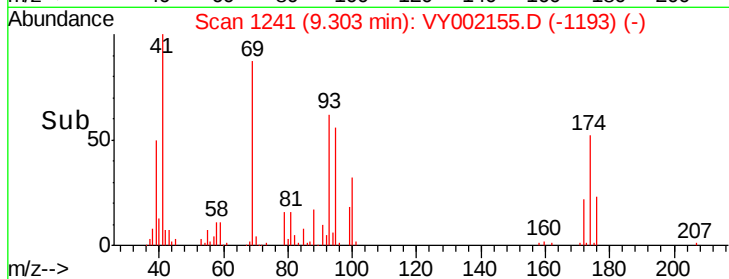
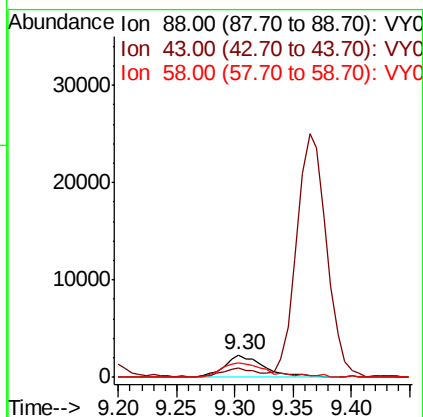
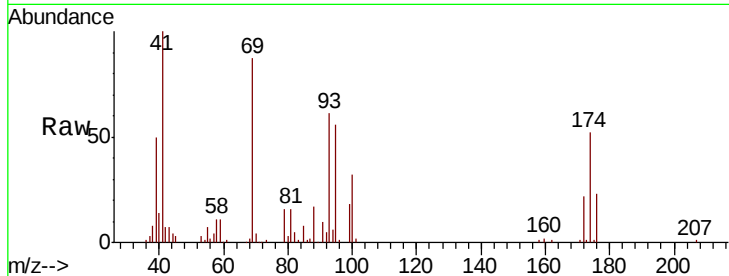




#49
1,4-Dioxane
Concen: 370.480 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

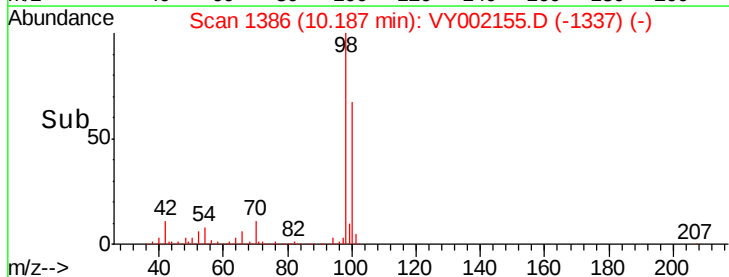
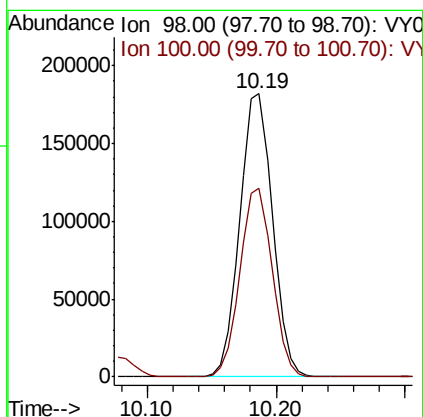
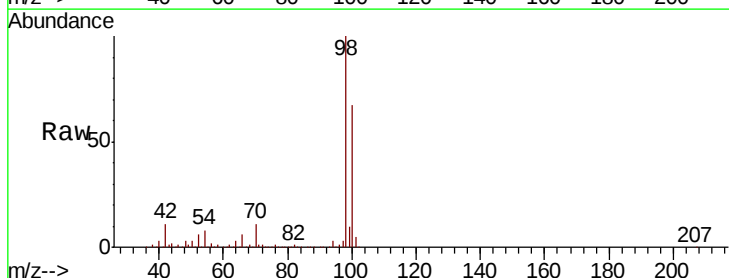
Instrument :
MSVOA_Y
ClientSampleId :

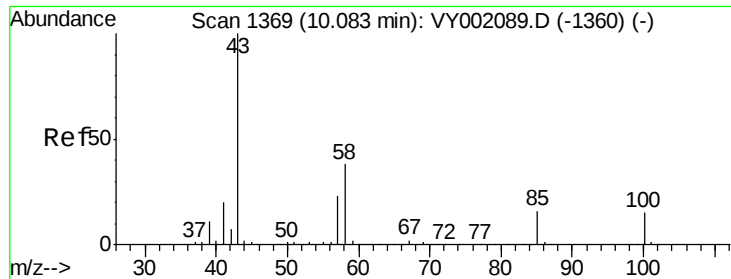
Tot Ion: 88 Resp: 5364
Ion Ratio Lower Upper
88 100
43 33.7 27.2 40.8
58 71.6 59.8 89.8



#50
Toluene-d8
Concen: 47.709 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 98 Resp: 319815
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4

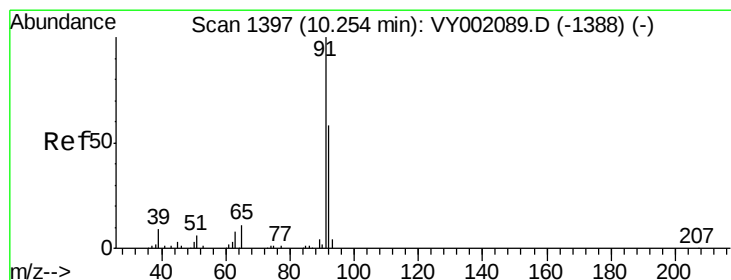
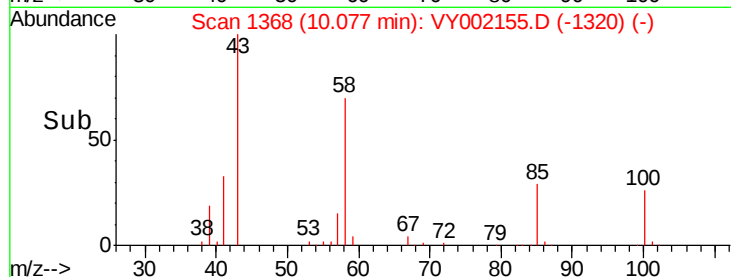
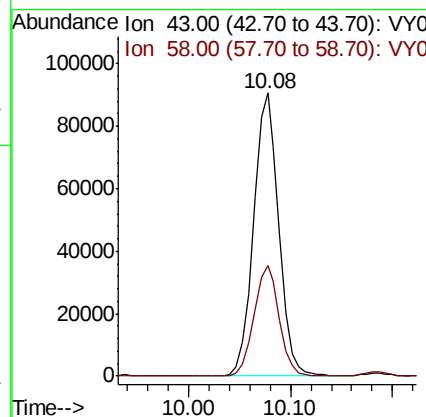
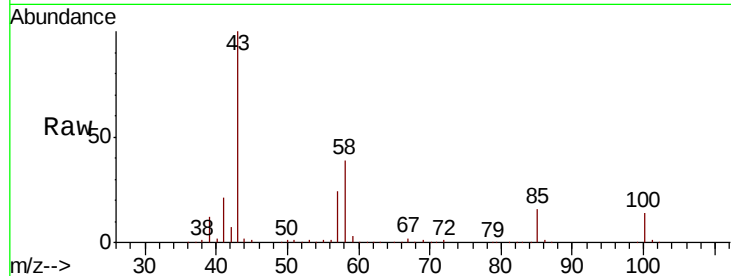




#51
4-Methyl-2-Pentanone
Concen: 98.967 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

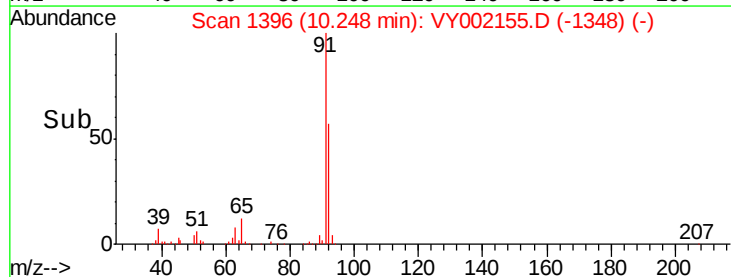
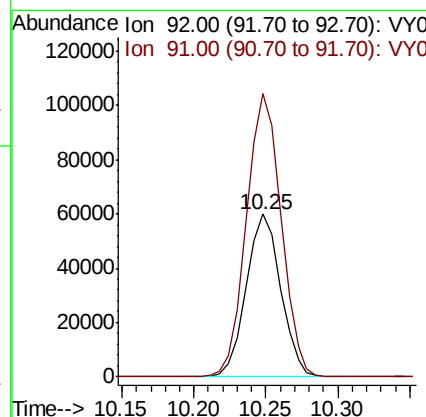
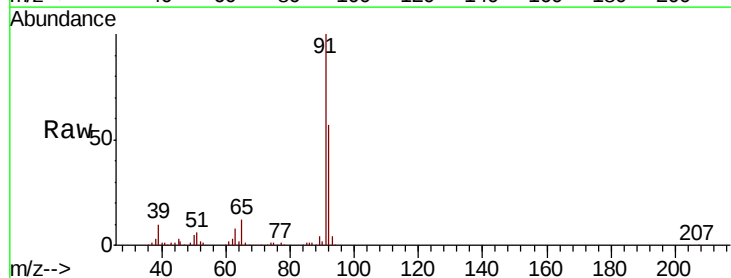
Instrument :
MSVOA_Y
ClientSampled :

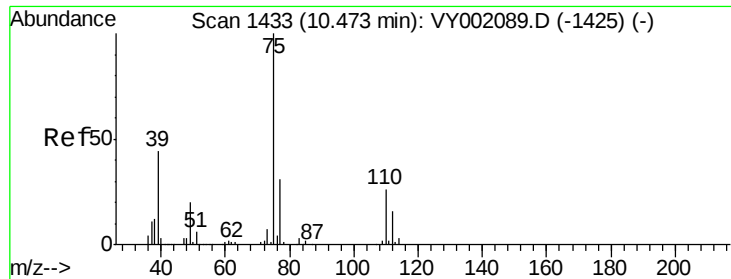
Tot Ion: 43 Resp: 155696
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4



#52
Toluene
Concen: 20.315 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 92 Resp: 99144
Ion Ratio Lower Upper
92 100
91 175.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.646 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

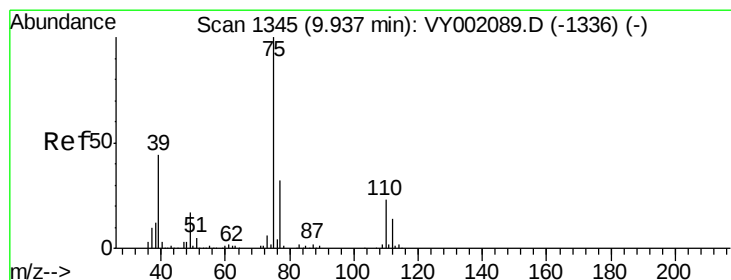
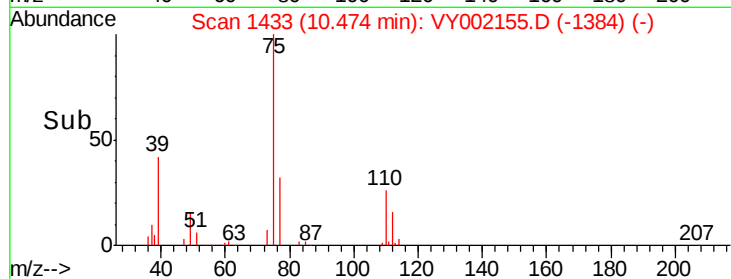
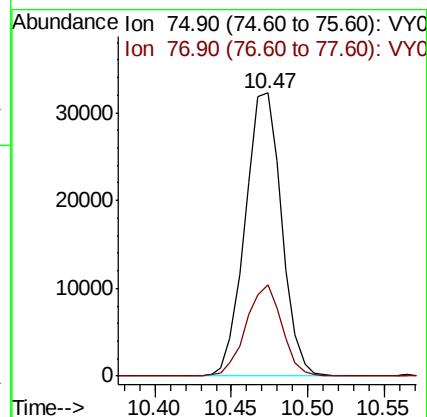
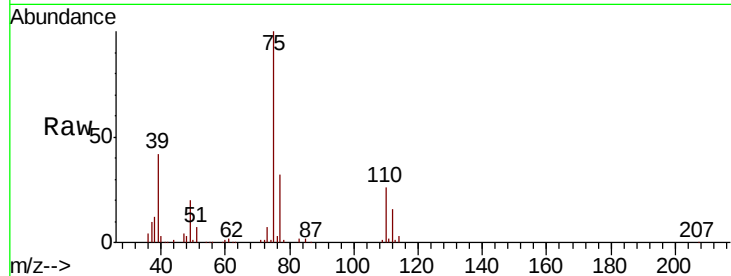
ClientSampleId :

Tot Ion: 75 Resp: 53558

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

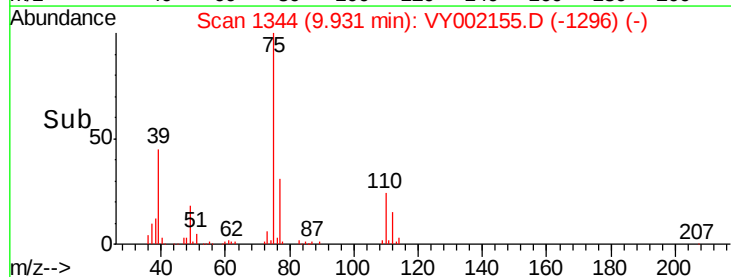
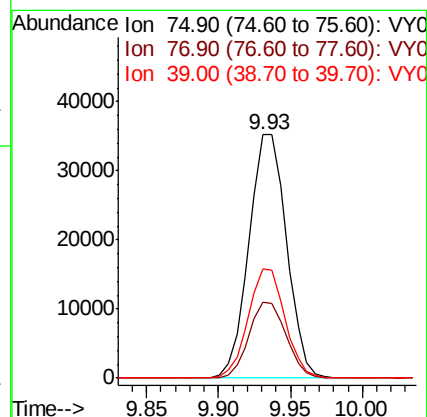
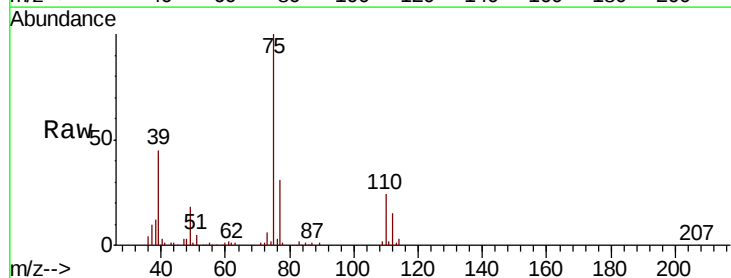
Tgt Ion: 75 Resp: 63567

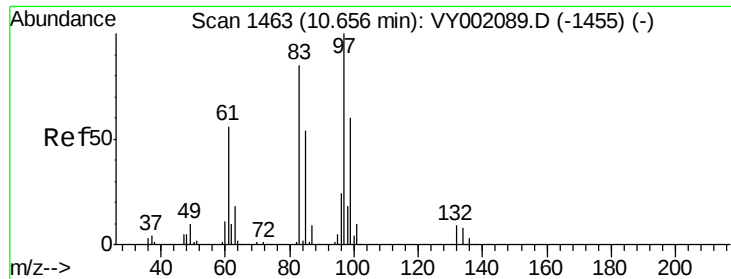
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 45.0 35.2 52.8

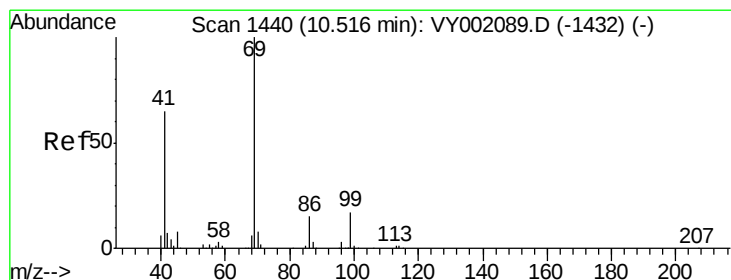
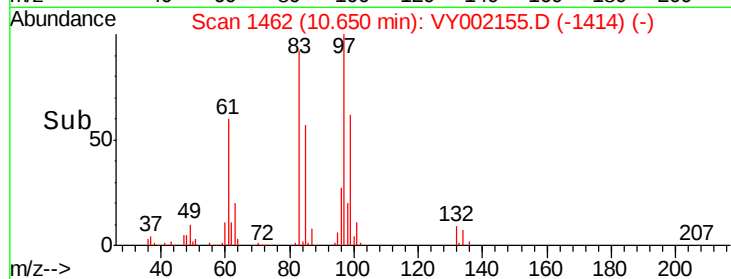
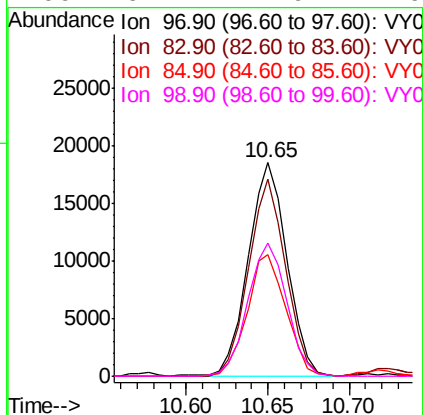
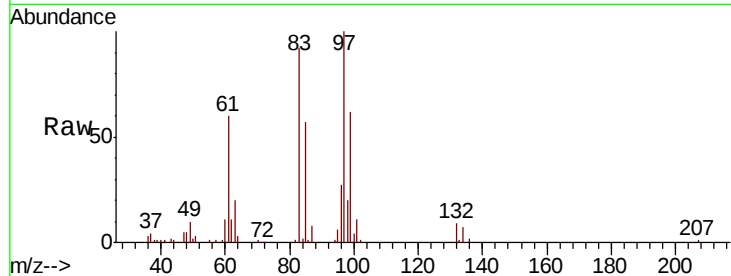




#55
 1,1,2-Trichloroethane
 Concen: 19.606 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

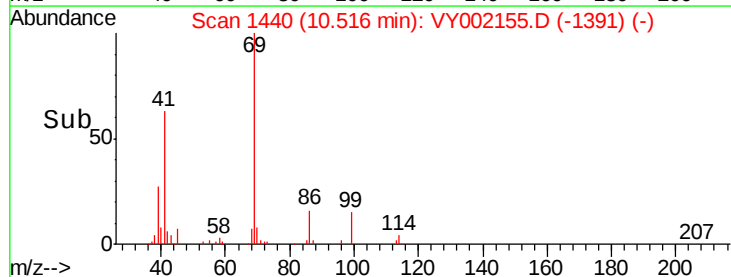
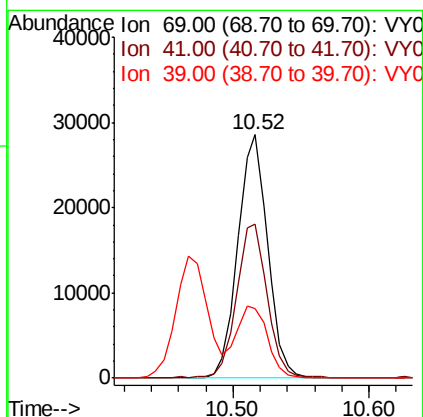
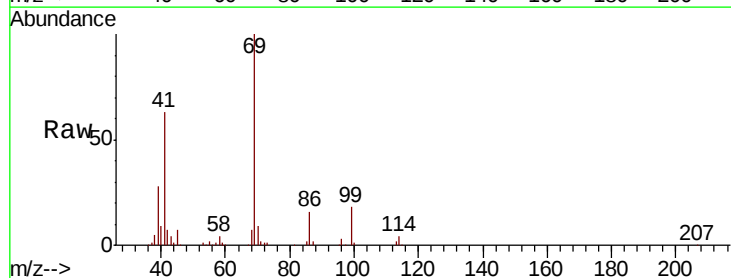
Instrument :
 MSVOA_Y
 ClientSampleId :

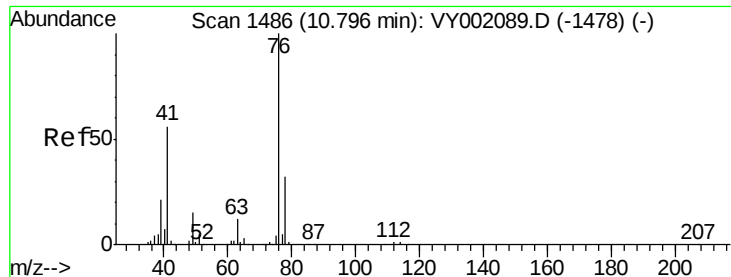
Tot Ion:	97	Resp:	30617
Ion	Ratio	Lower	Upper
97	100		
83	92.0	68.2	102.2
85	57.0	42.9	64.3
99	62.1	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 19.107 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion:	69	Resp:	43579
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.8	79.2
39	31.7	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.780 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

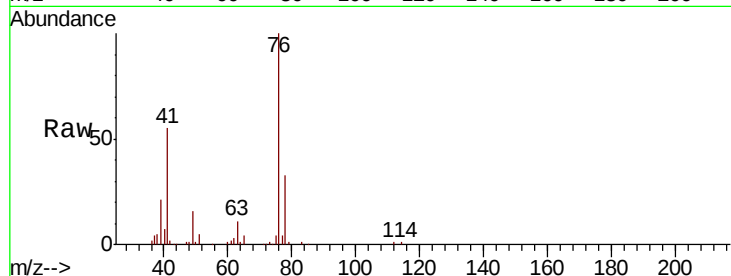
ClientSampleId :

Tot Ion: 76 Resp: 54573

Ion Ratio Lower Upper

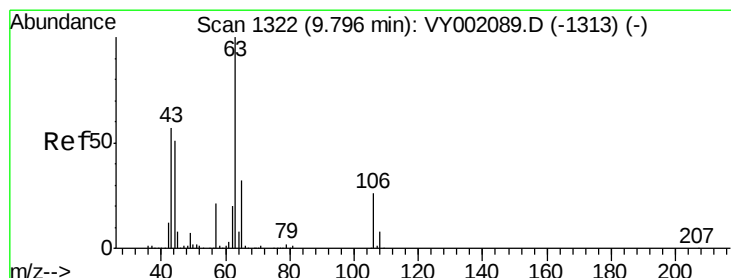
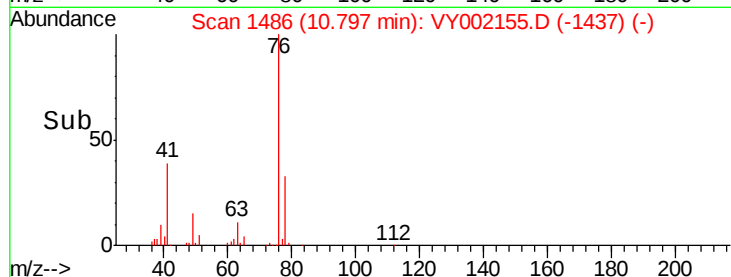
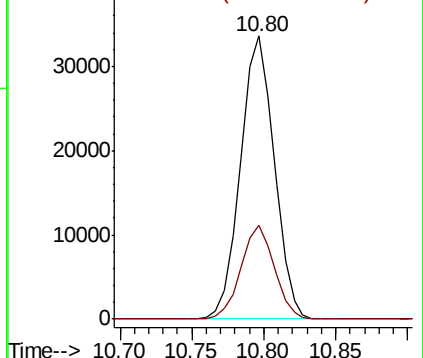
76 100

78 32.5 26.1 39.1



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: 98.754 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002155.D

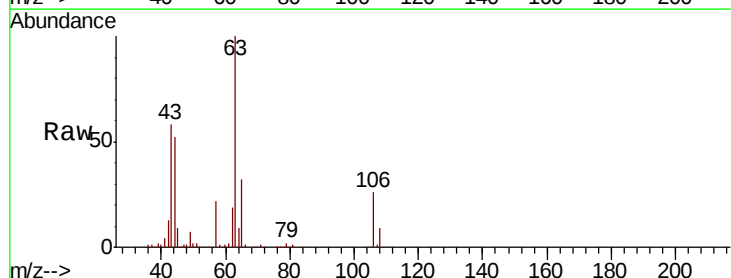
Acq: 01 Apr 2020 12:21

Tgt Ion: 63 Resp: 115738

Ion Ratio Lower Upper

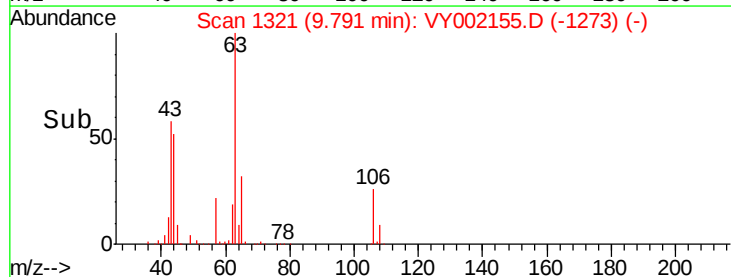
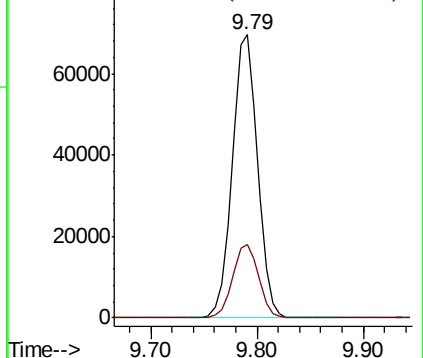
63 100

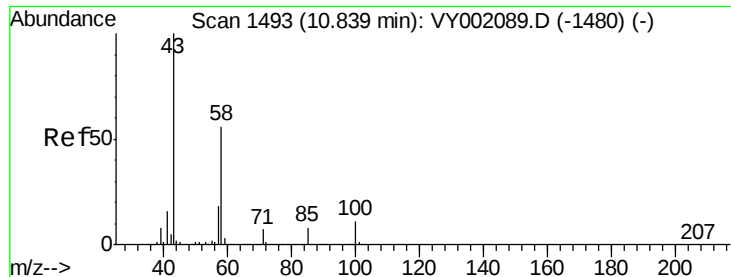
106 26.4 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

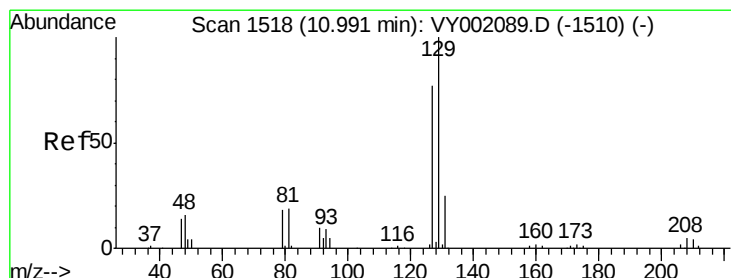
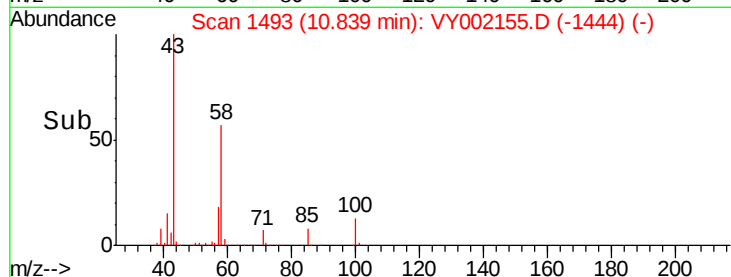
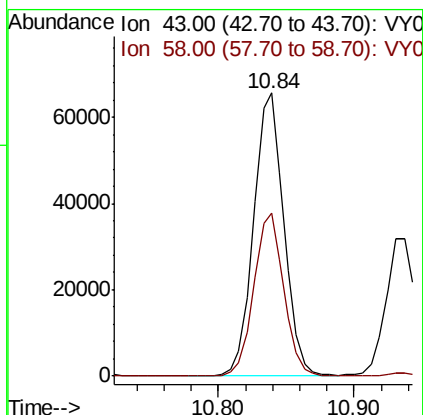
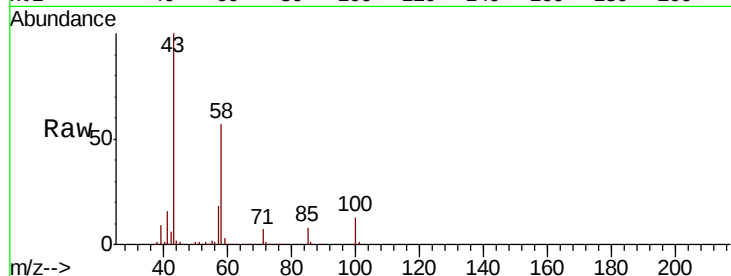




#59
2-Hexanone
Concen: 92.529 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

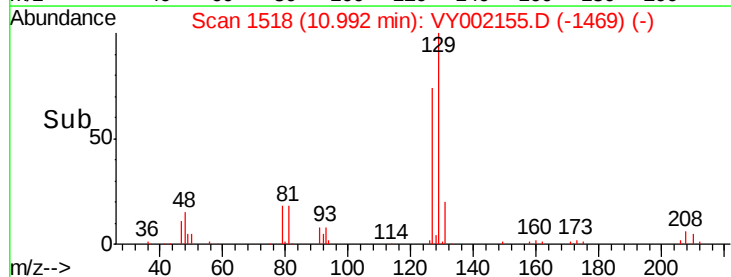
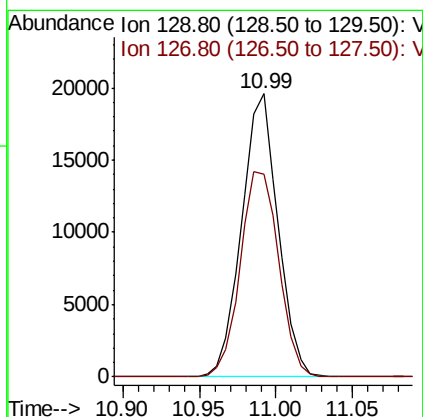
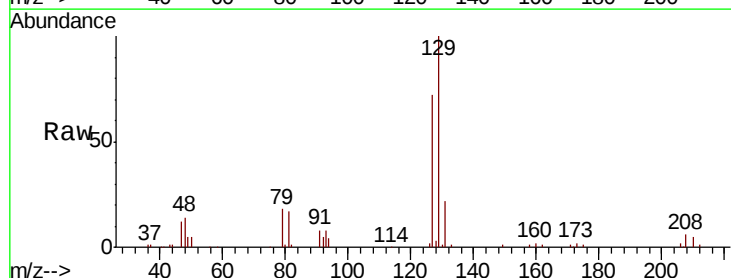
Instrument :
MSVOA_Y
ClientSampleId :

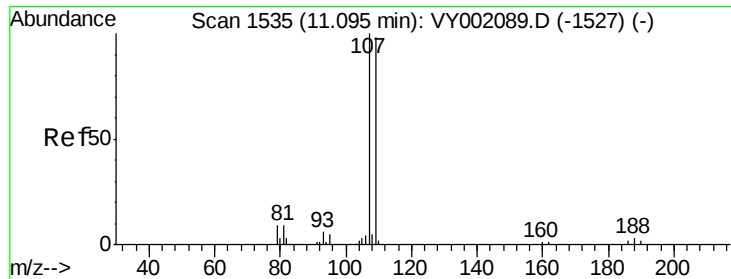
Tot Ion: 43 Resp: 102540
Ion Ratio Lower Upper
43 100
58 56.8 27.9 83.6



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 129 Resp: 32299
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

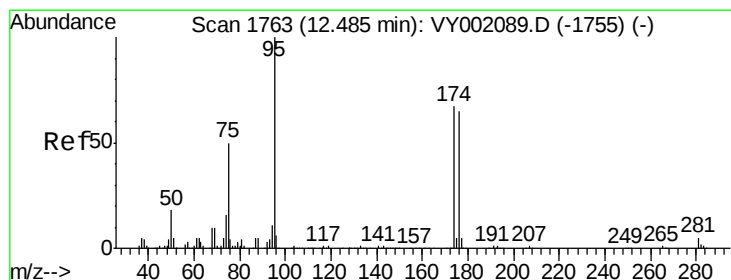
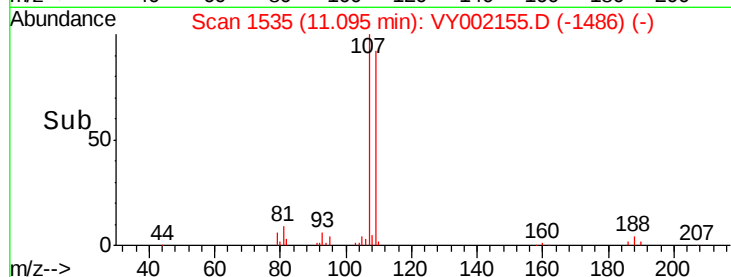
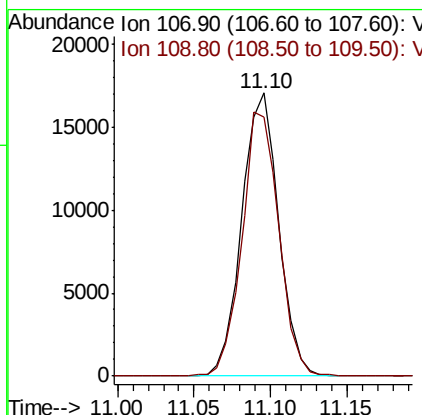
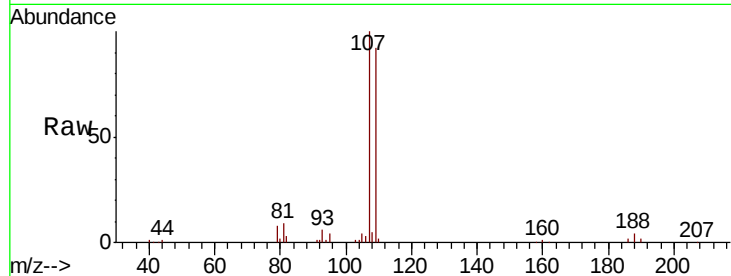




#61
 1,2-Dibromoethane
 Concen: 19.485 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

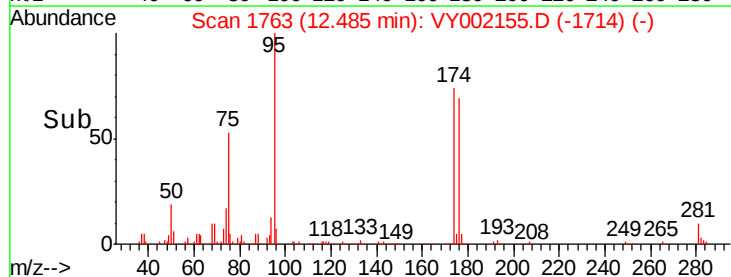
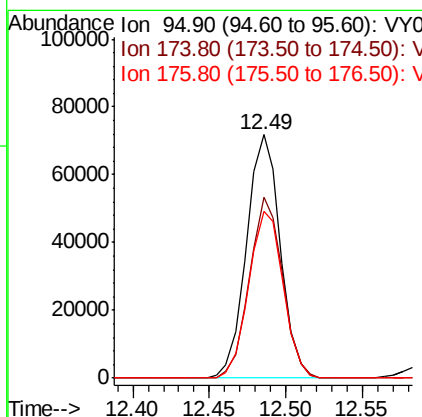
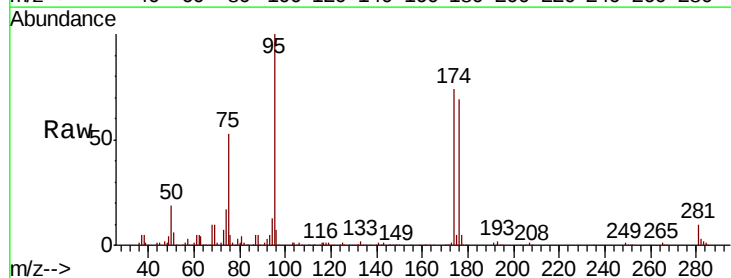
Instrument :
 MSVOA_Y
 ClientSampleId :

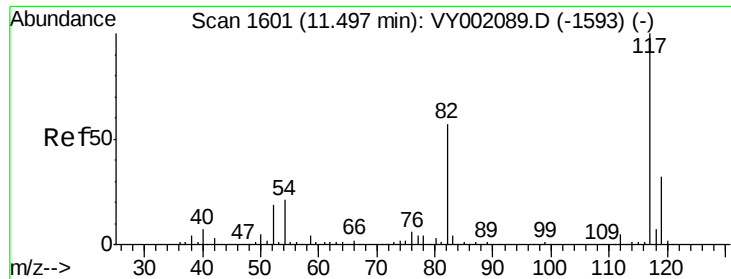
Tot Ion:107 Resp: 28479
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 46.753 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 95 Resp: 109610
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 143.4
 176 70.4 0.0 137.0

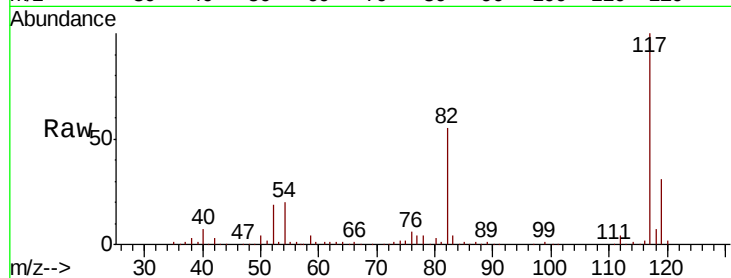




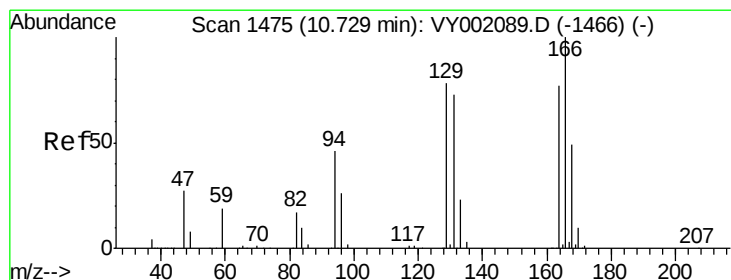
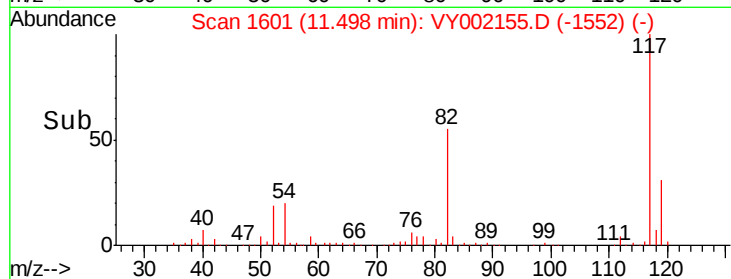
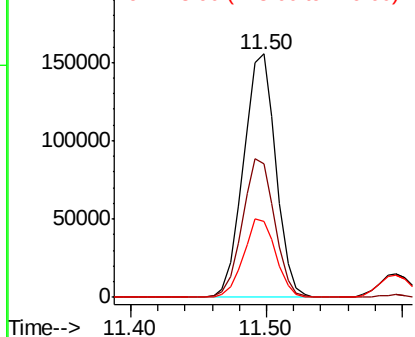
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 258120
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.1 25.3 37.9

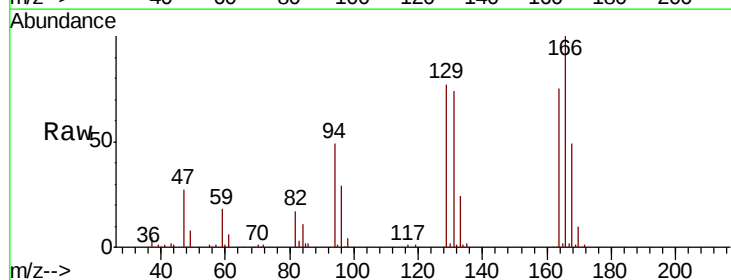


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

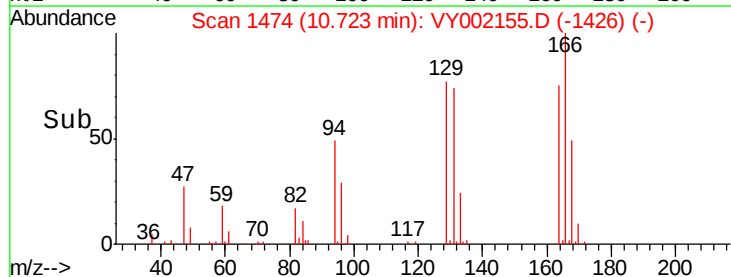
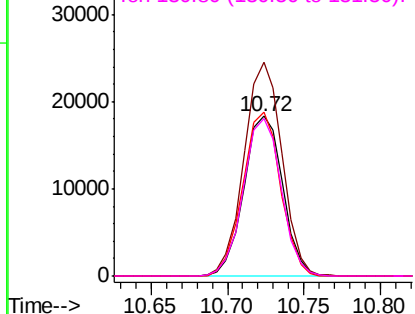


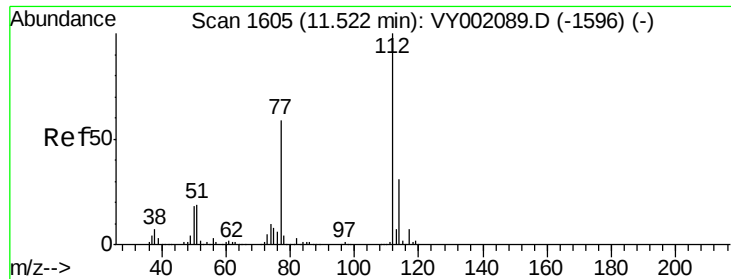
#64
Tetrachloroethene
Concen: 20.431 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:164 Resp: 32265
Ion Ratio Lower Upper
164 100
166 133.7 104.0 156.0
129 102.7 81.2 121.8
131 98.9 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

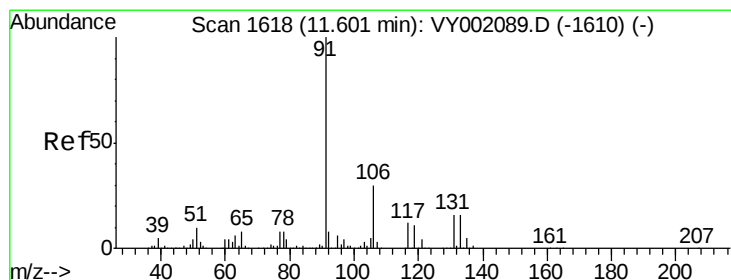
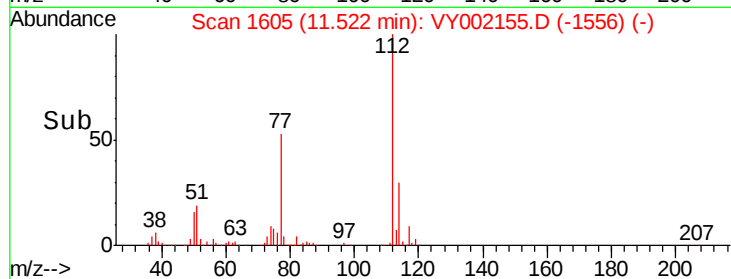
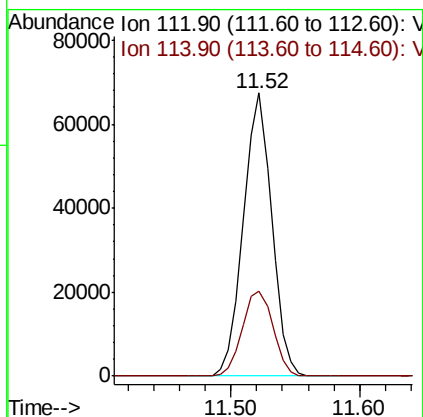
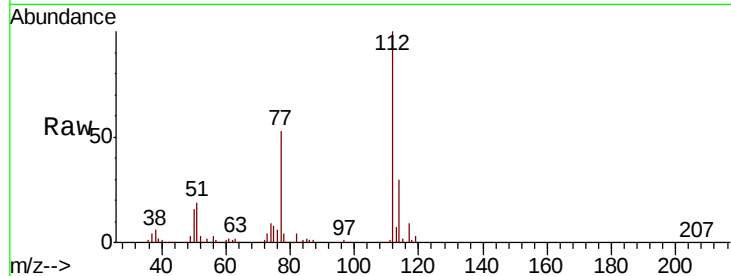




#65
Chlorobenzene
Concen: 20.575 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

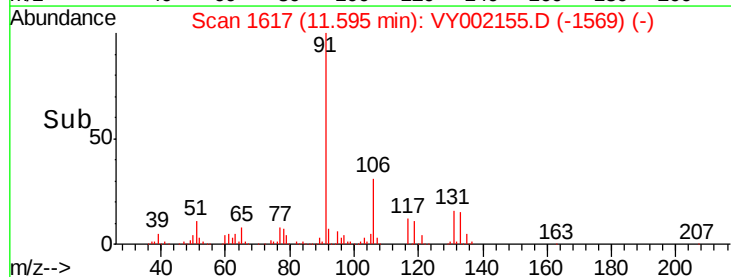
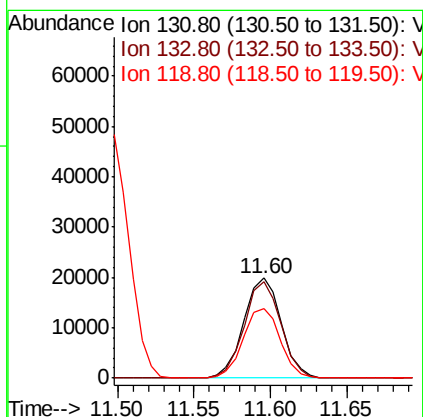
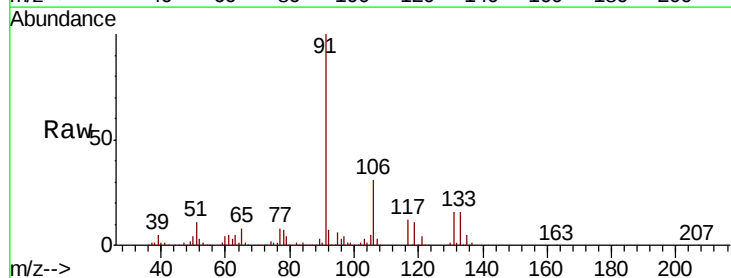
Instrument :
MSVOA_Y
ClientSampleId :

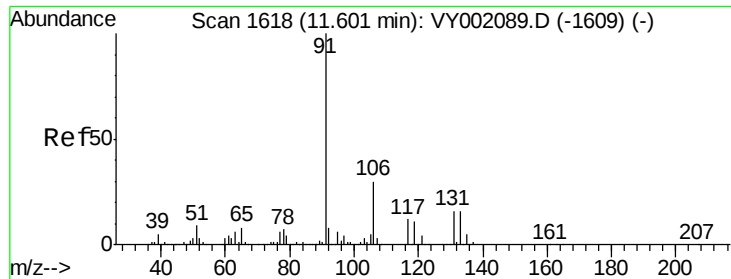
Tot Ion:112 Resp: 102513
Ion Ratio Lower Upper
112 100
114 30.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.303 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:131 Resp: 33843
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 69.1 34.6 103.9

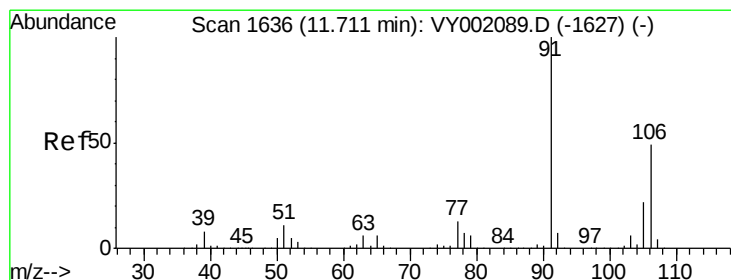
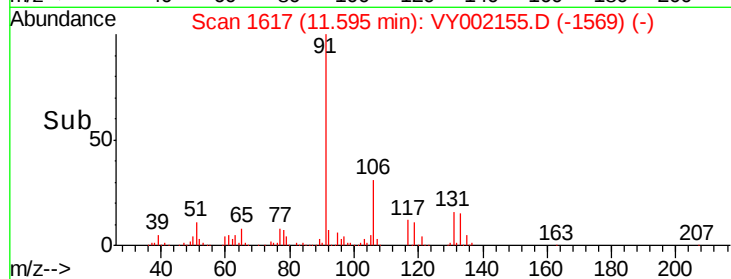
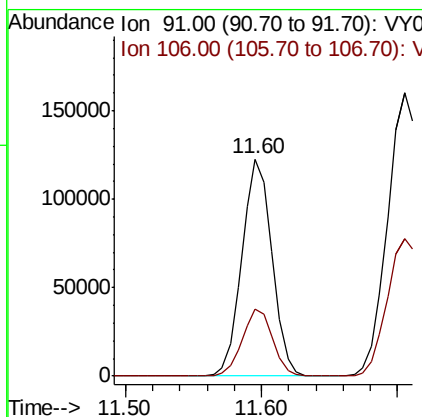
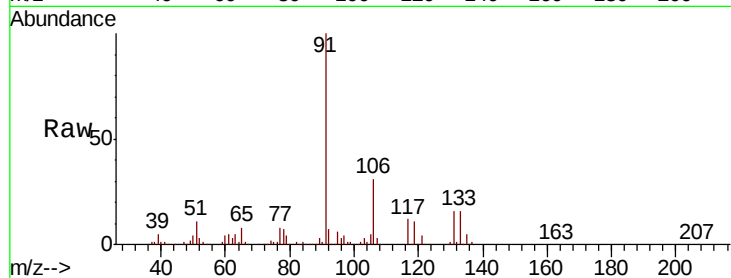




#67
Ethyl Benzene
Concen: 20.522 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

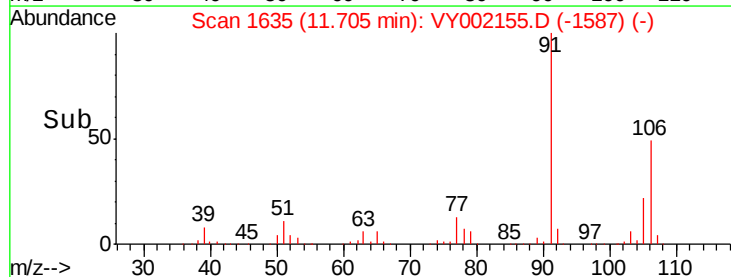
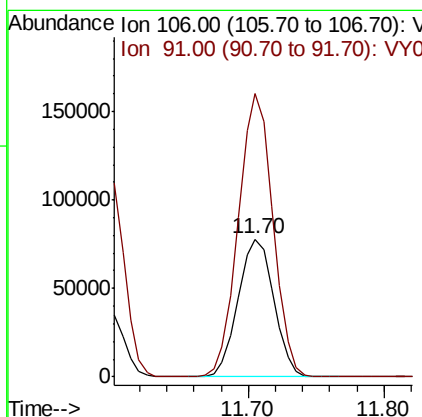
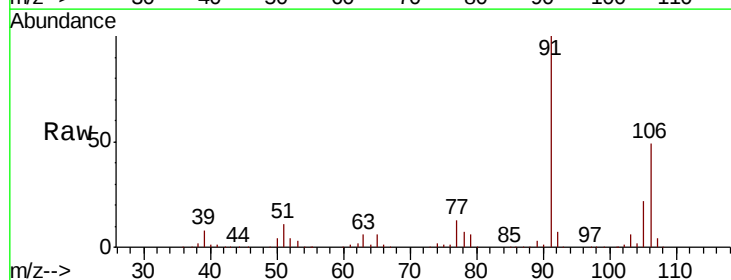
Instrument :
MSVOA_Y
ClientSampleId :

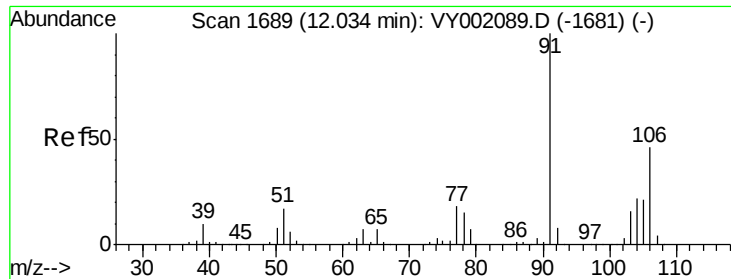
Tot Ion: 91 Resp: 189913
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 41.717 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 106 Resp: 142734
Ion Ratio Lower Upper
106 100
91 199.1 162.8 244.2

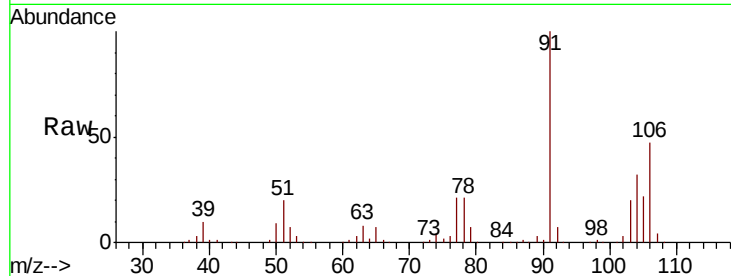




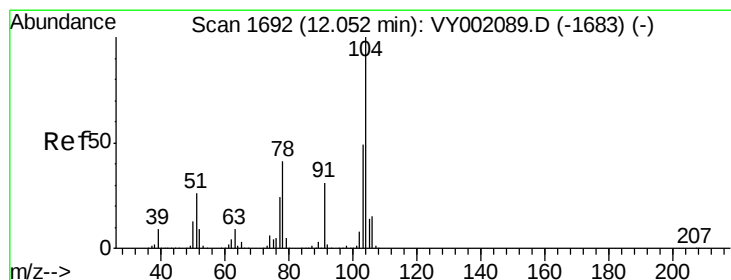
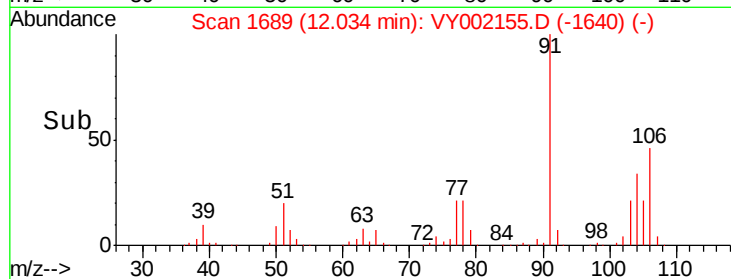
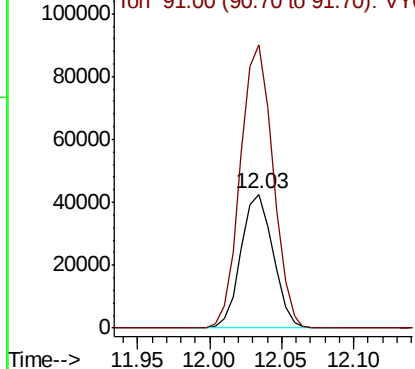
#69
o-Xylene
Concen: 20.338 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 66012
Ion Ratio Lower Upper
106 100
91 215.0 107.3 321.8

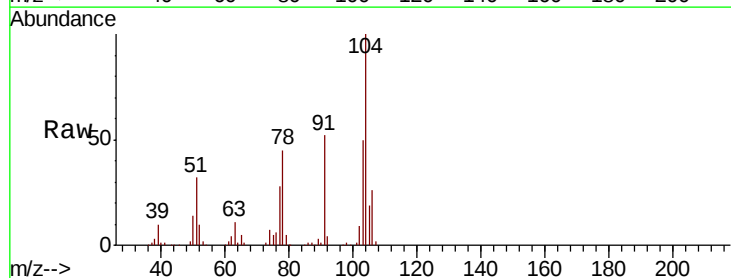


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

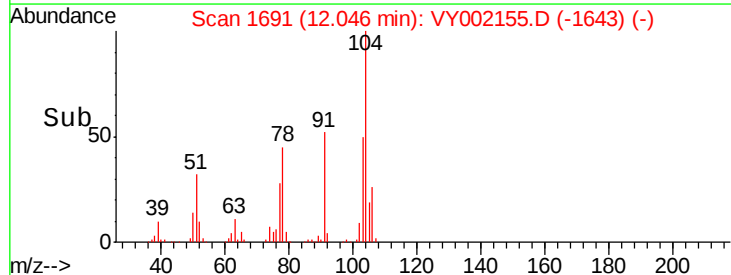
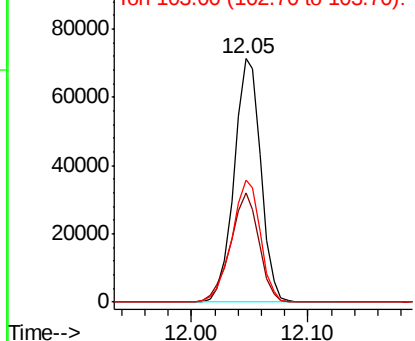


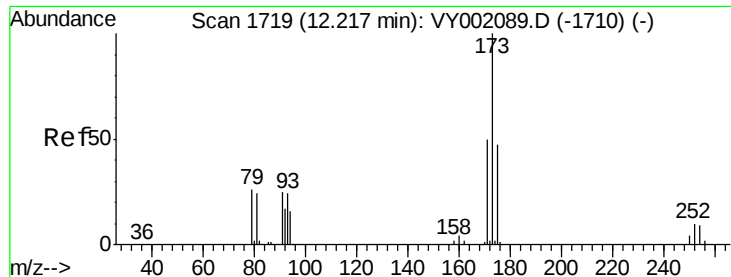
#70
Styrene
Concen: 20.134 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:104 Resp: 113236
Ion Ratio Lower Upper
104 100
78 47.9 37.9 56.9
103 53.6 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.158 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

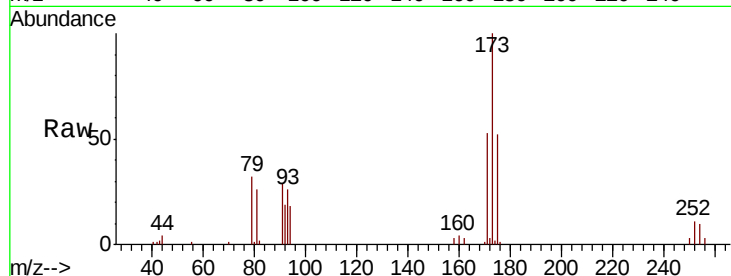
Tot Ion:173 Resp: 17491

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

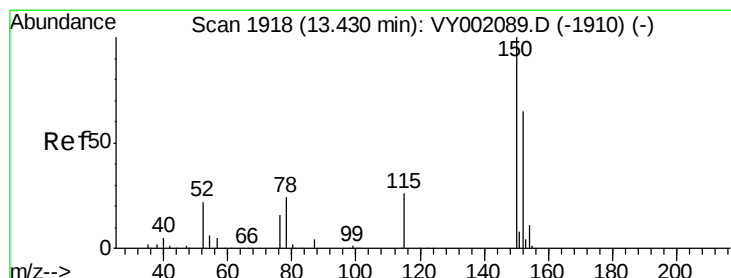
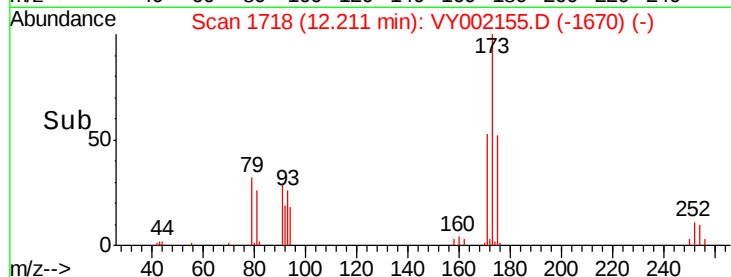
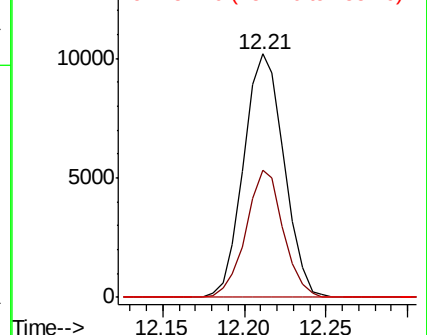
254 0.0 0.0 0.0



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

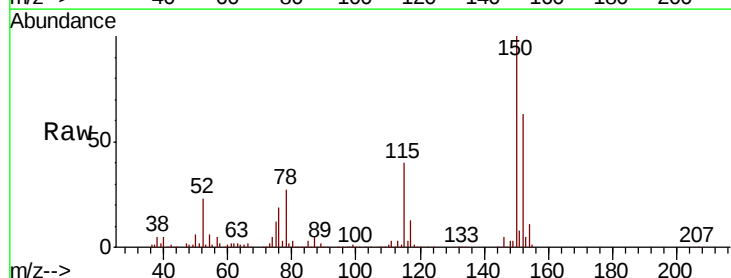
Tgt Ion:152 Resp: 118812

Ion Ratio Lower Upper

152 100

115 60.6 31.2 93.6

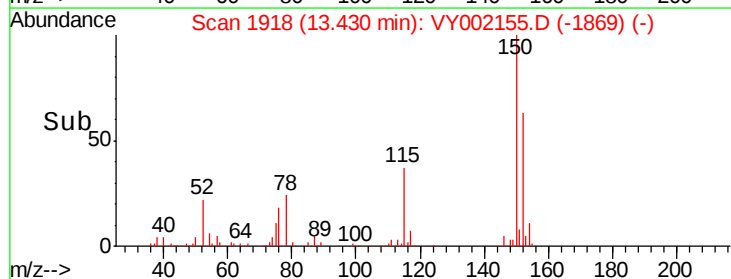
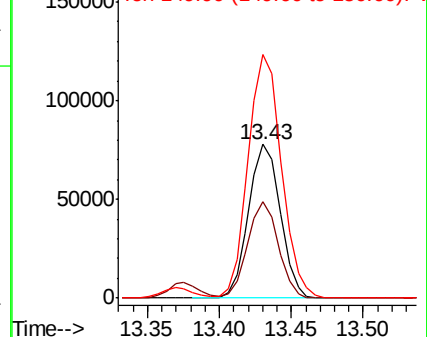
150 166.2 0.0 354.8

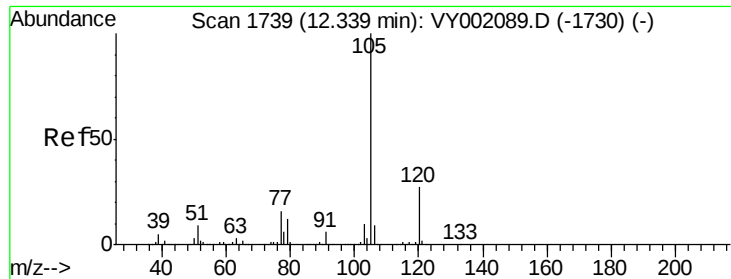


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

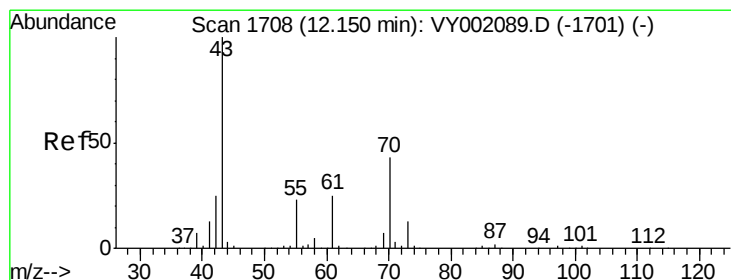
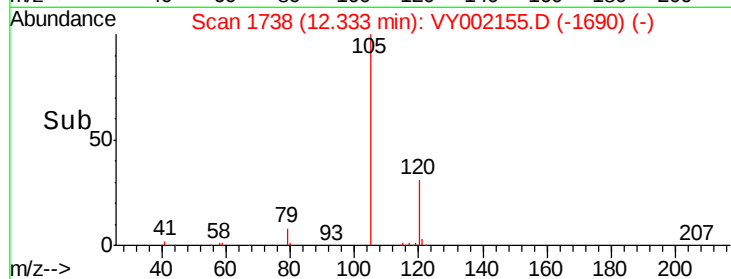
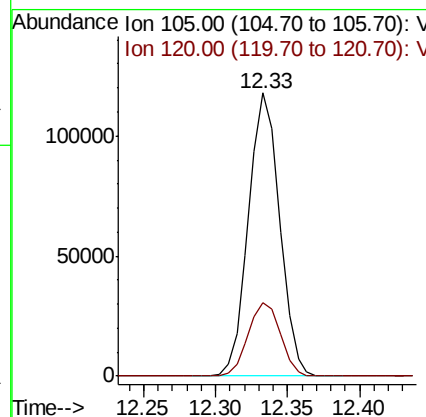
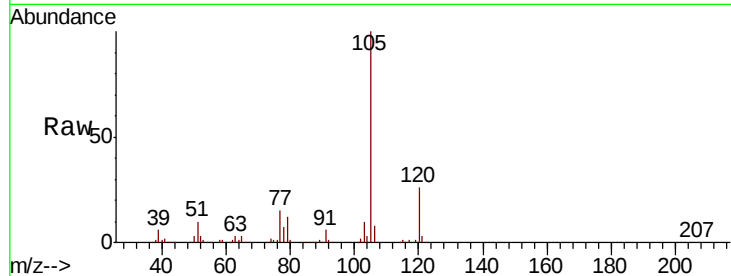




#73
Isopropylbenzene
Concen: 20.066 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

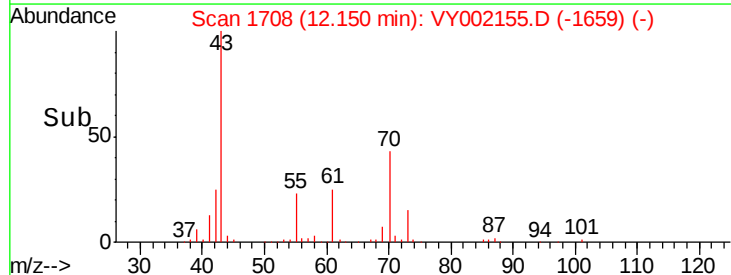
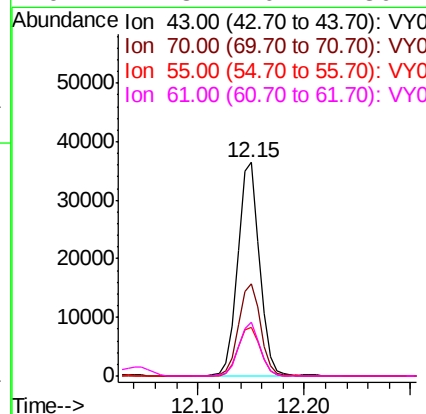
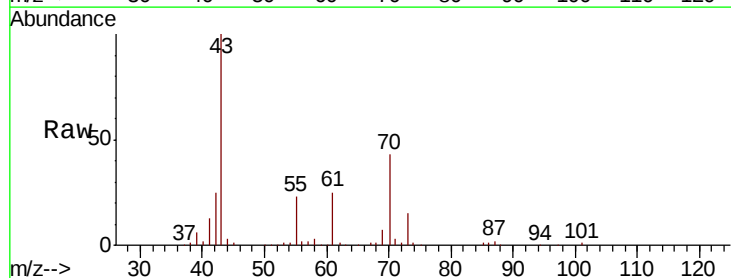
Instrument :
MSVOA_Y
ClientSampleId :

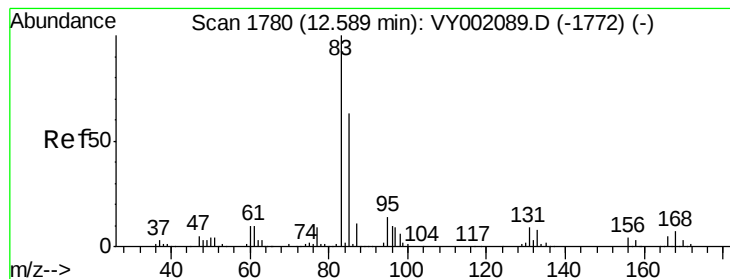
Tot Ion:105 Resp: 176853
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8



#74
N-ethyl acetate
Concen: 18.857 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 43 Resp: 52417
Ion Ratio Lower Upper
43 100
70 43.9 35.0 52.4
55 23.6 18.7 28.1
61 24.3 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.119 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

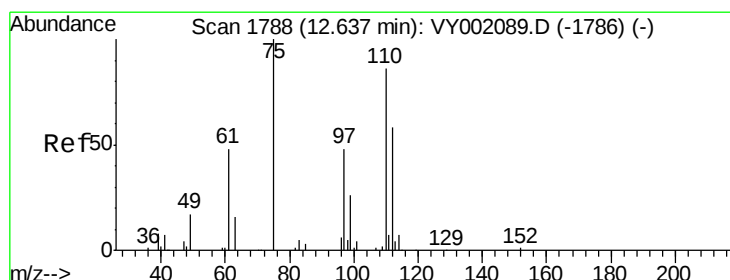
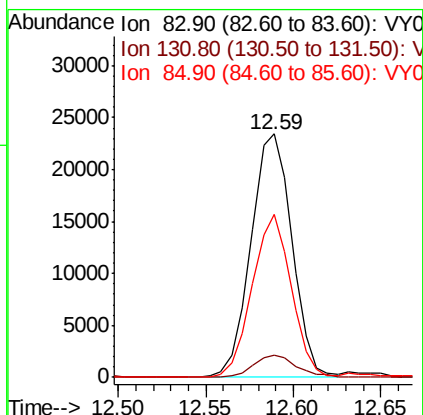
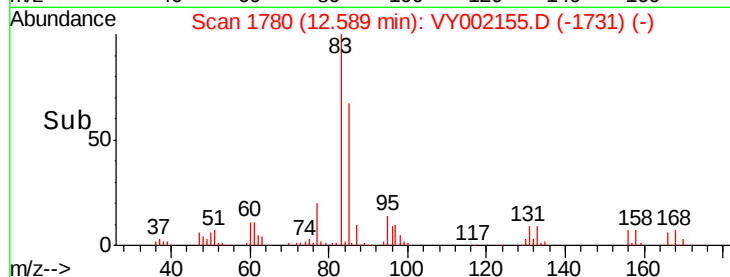
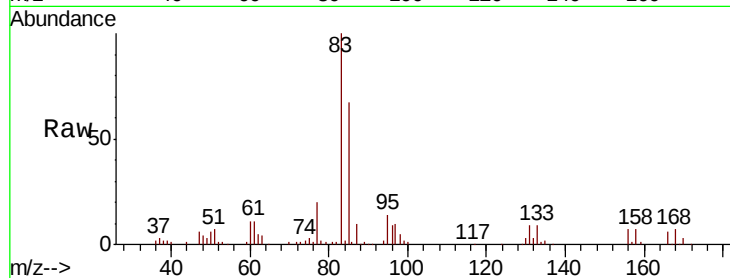
Tot Ion: 83 Resp: 38156

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

85 63.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 36.353 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002155.D

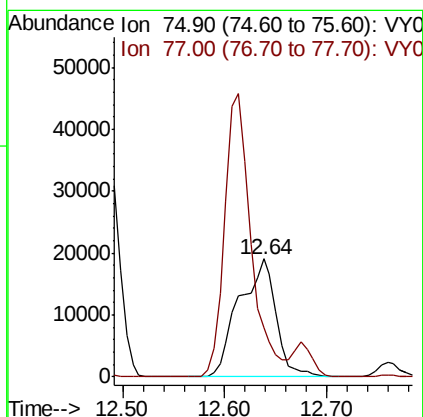
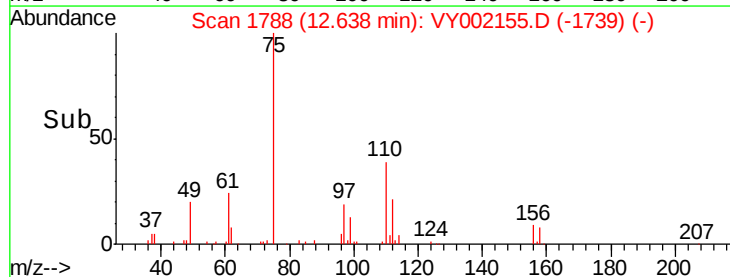
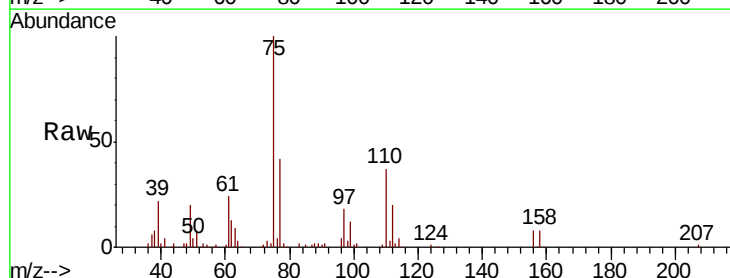
Acq: 01 Apr 2020 12:21

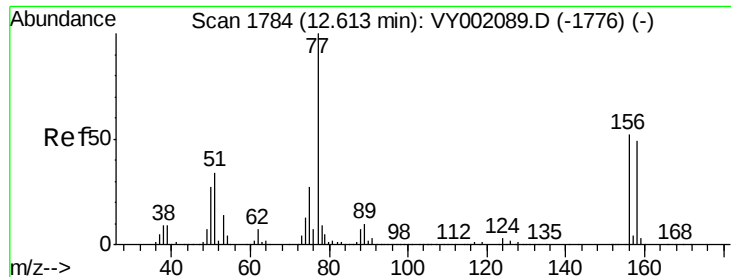
Tgt Ion: 75 Resp: 48314

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.325 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

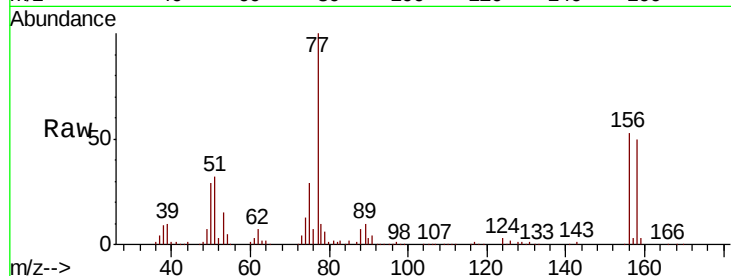
Tot Ion:156 Resp: 38240

Ion Ratio Lower Upper

156 100

77 214.8 107.8 323.6

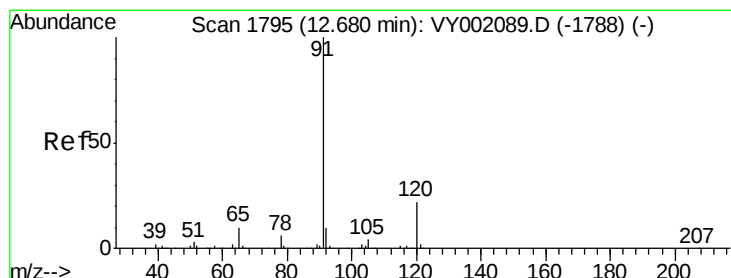
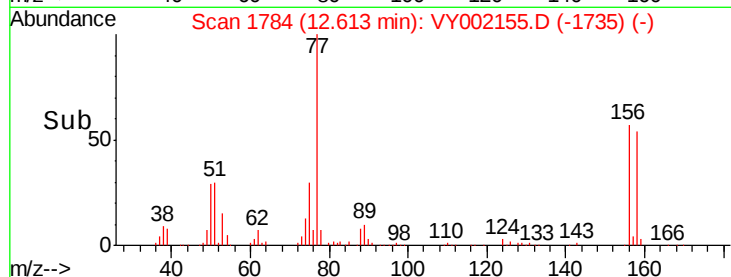
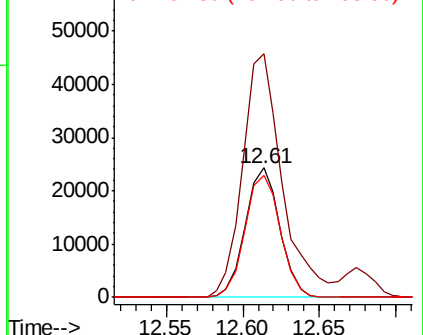
158 96.1 47.5 142.6



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: 20.429 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002155.D

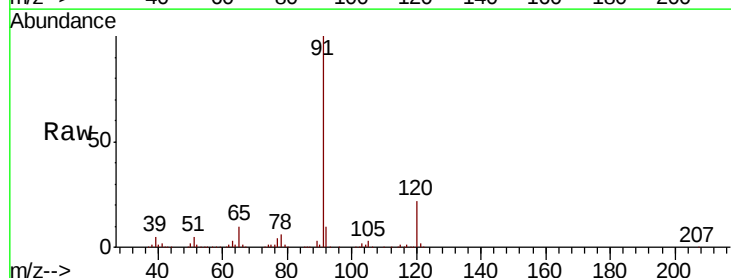
Acq: 01 Apr 2020 12:21

Tgt Ion: 91 Resp: 223442

Ion Ratio Lower Upper

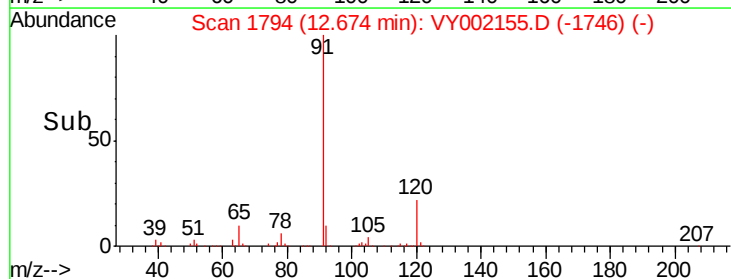
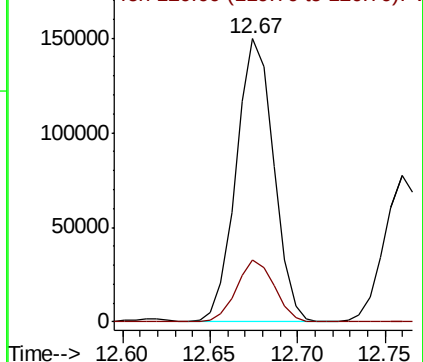
91 100

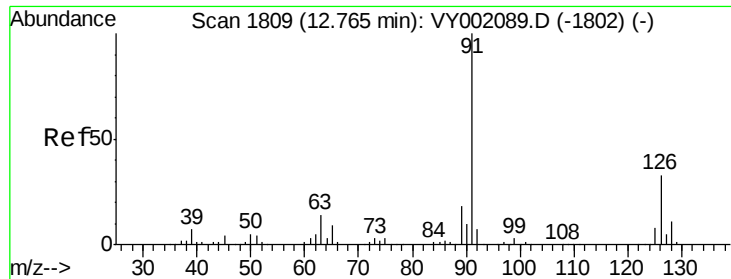
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

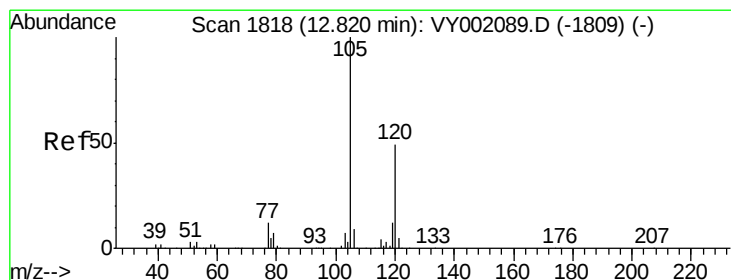
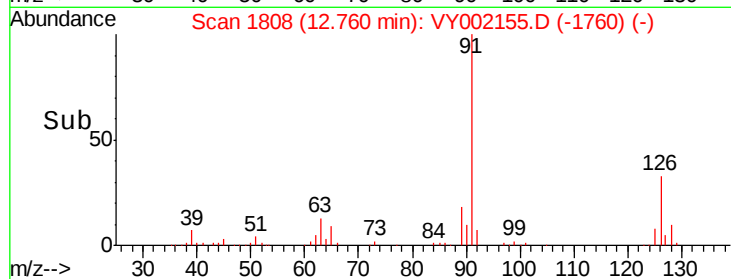
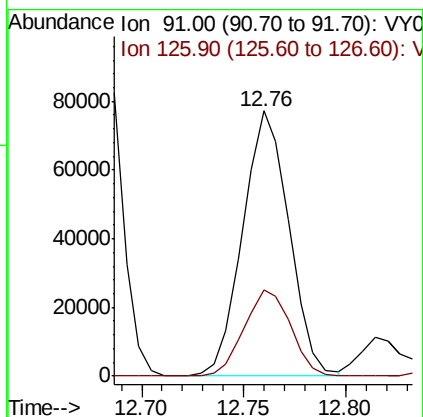
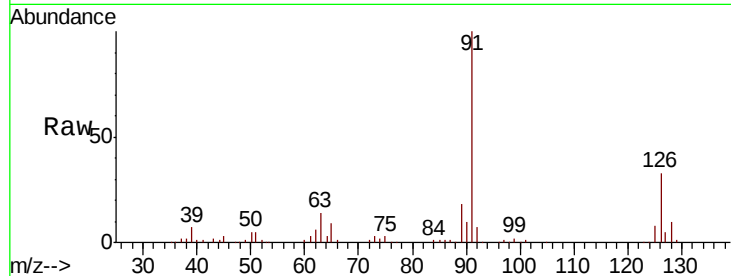




#79
 2-Chlorotoluene
 Concen: 20.309 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

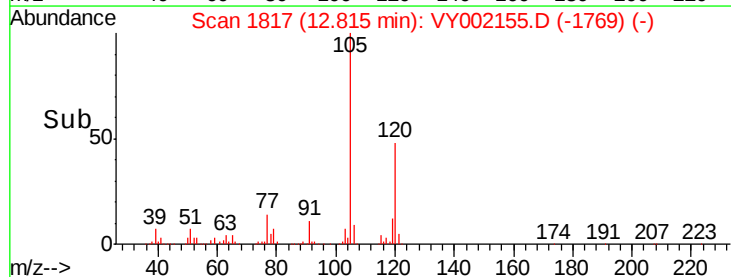
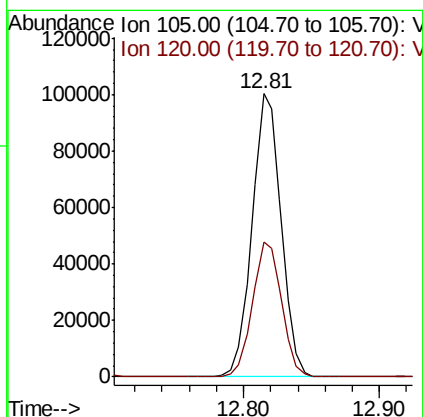
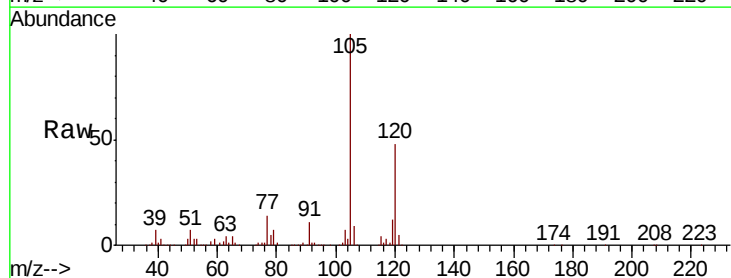
Instrument :
 MSVOA_Y
 ClientSampleId :

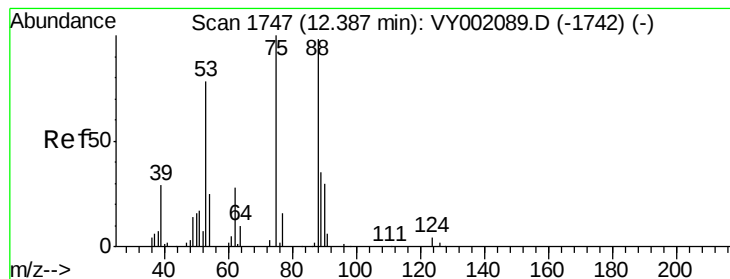
Tot Ion: 91 Resp: 121963
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 105 Resp: 150023
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.536 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

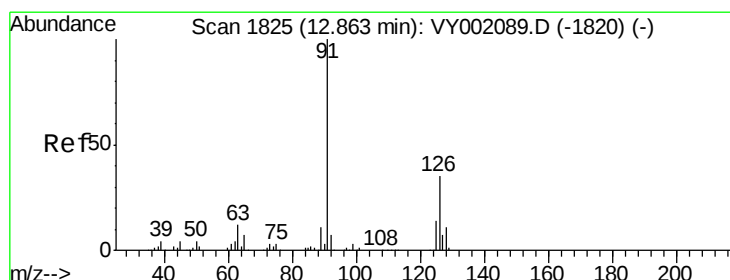
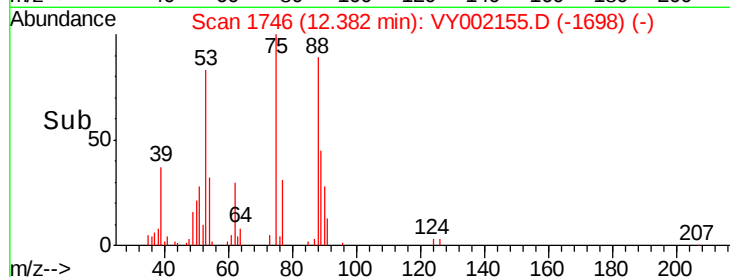
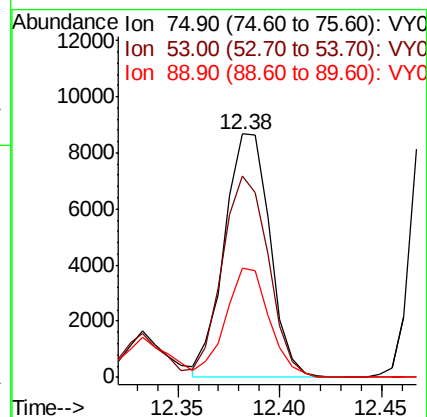
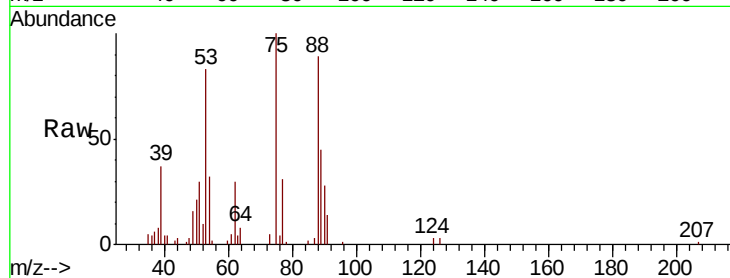
Tot Ion: 75 Resp: 13402

Ion Ratio Lower Upper

75 100

53 84.7 65.0 97.4

89 43.1 33.4 50.0



#82

4-Chlorotoluene

Concen: 20.209 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002155.D

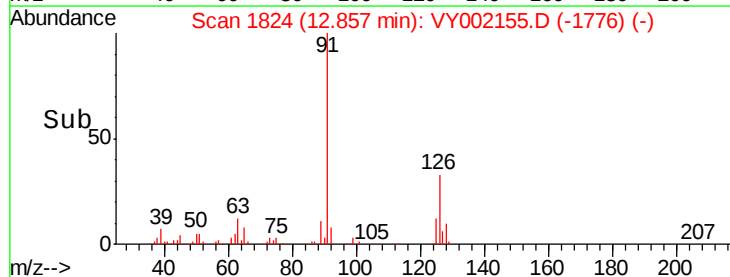
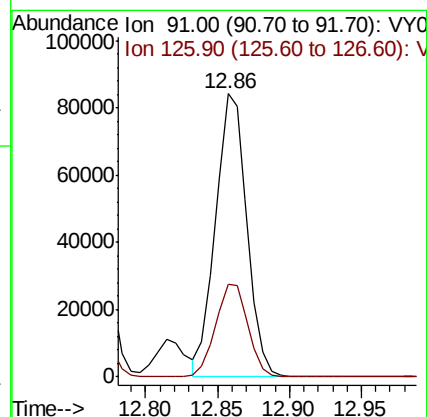
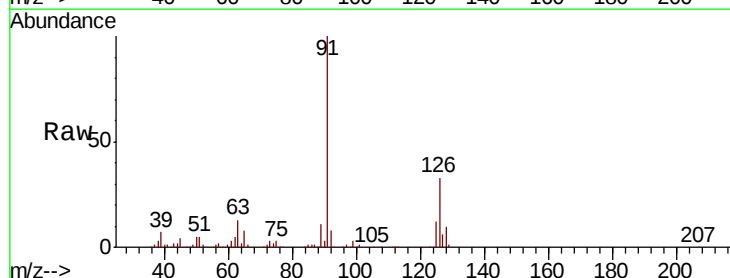
Acq: 01 Apr 2020 12:21

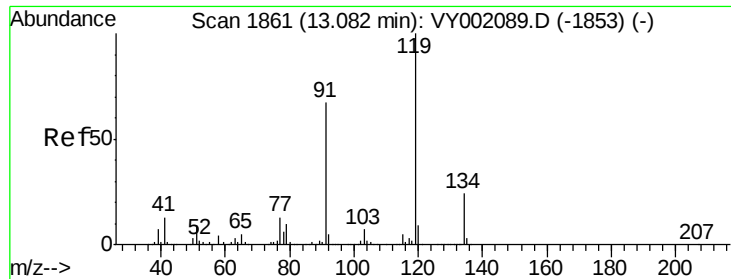
Tgt Ion: 91 Resp: 127883

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.9

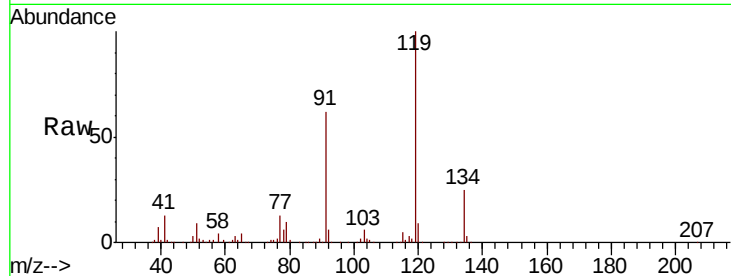




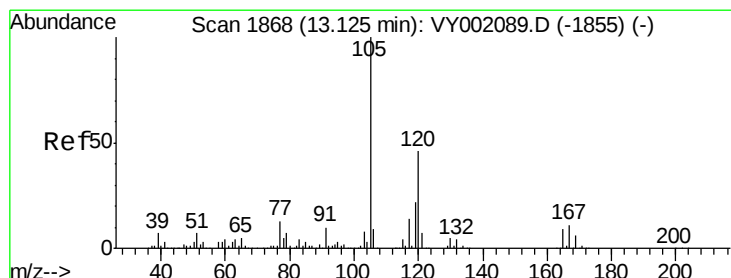
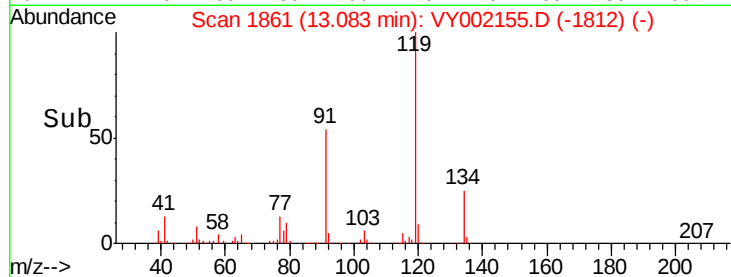
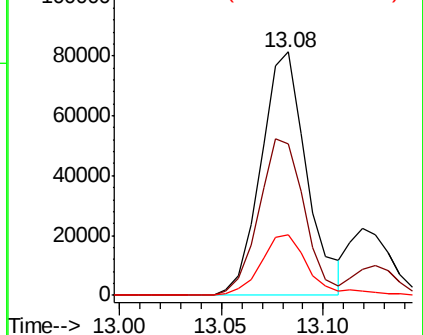
#83
tert-Butylbenzene
Concen: 20.935 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 127066
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 26.3 13.0 38.9

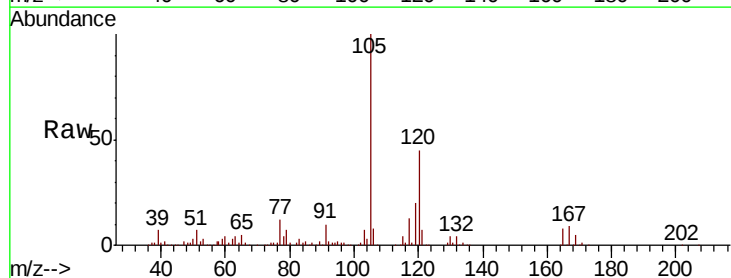


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

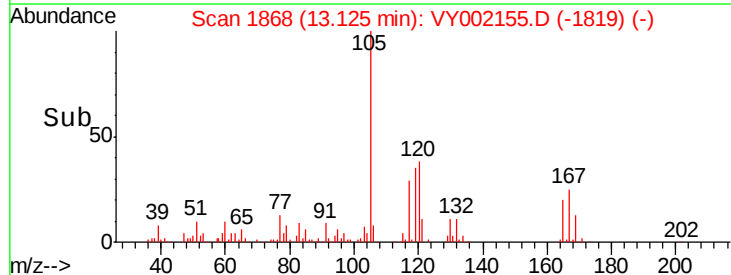
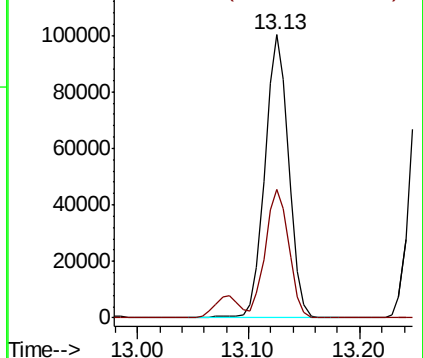


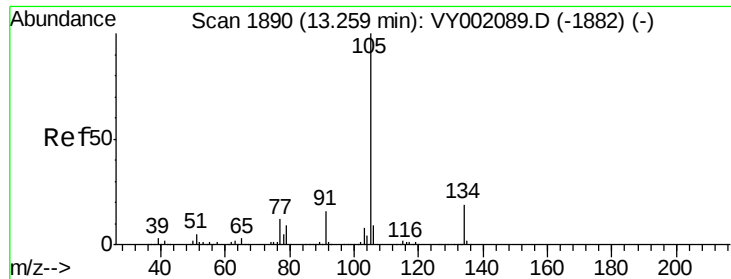
#84
1,2,4-Trimethylbenzene
Concen: 20.589 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:105 Resp: 149376
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.593 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

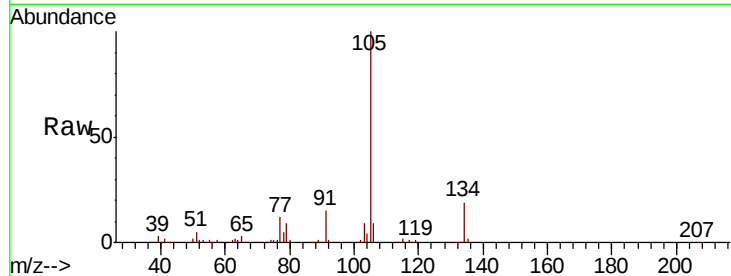
ClientSampleId :

Tot Ion:105 Resp: 185135

Ion Ratio Lower Upper

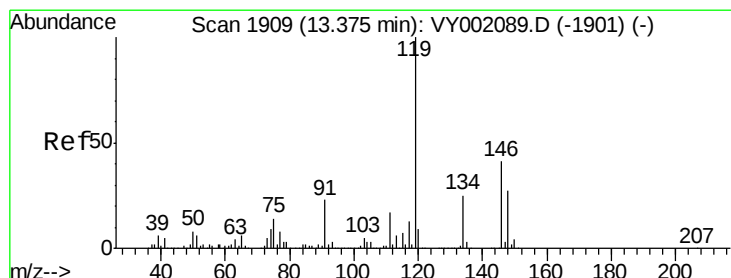
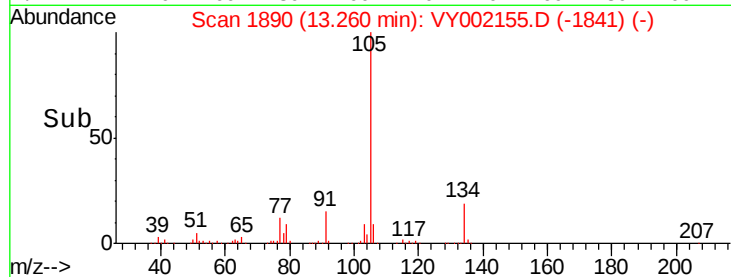
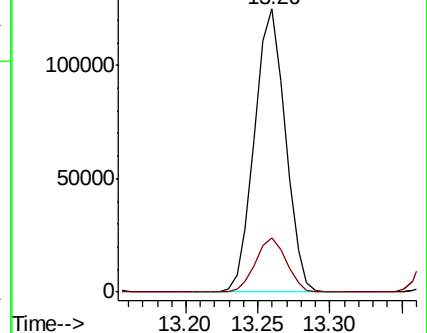
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.806 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

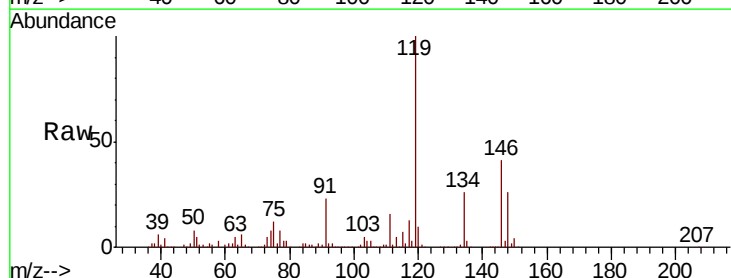
Tgt Ion:119 Resp: 160625

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

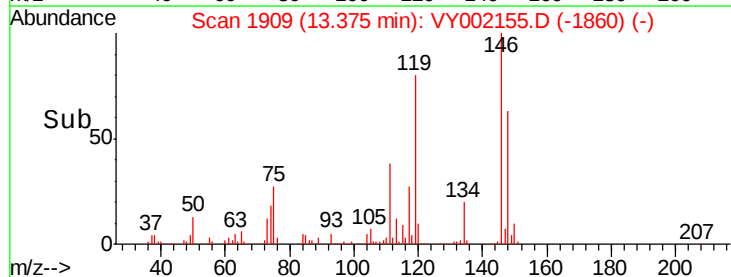
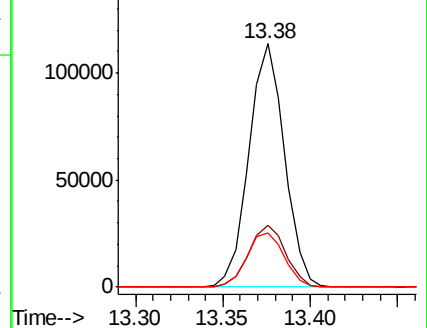
91 23.5 11.8 35.3

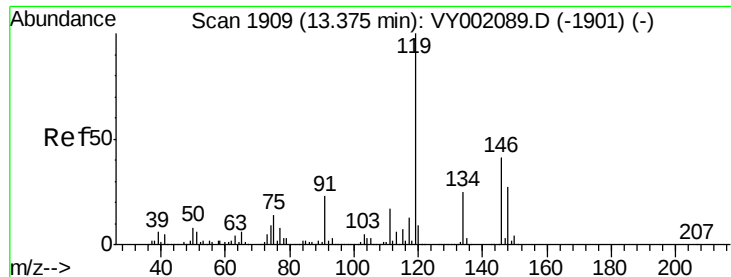


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.455 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

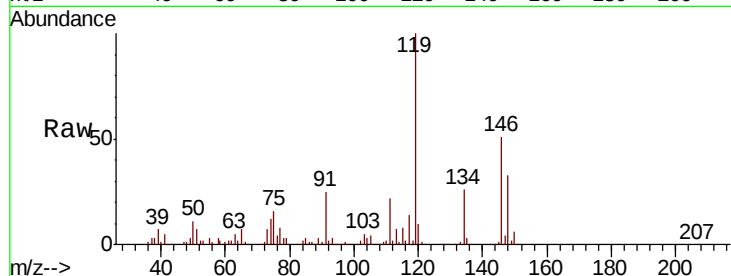
Tot Ion:146 Resp: 75288

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.8

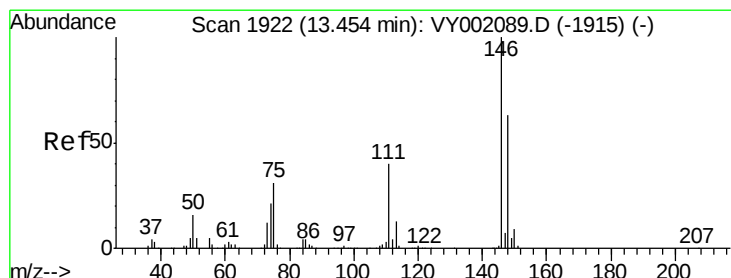
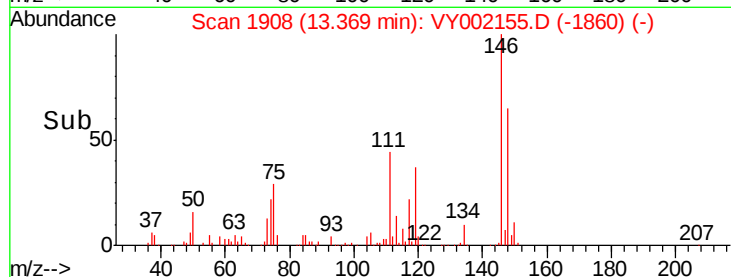
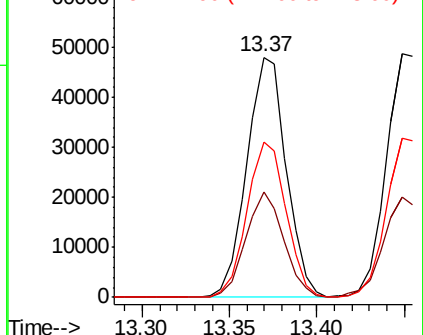
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.604 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

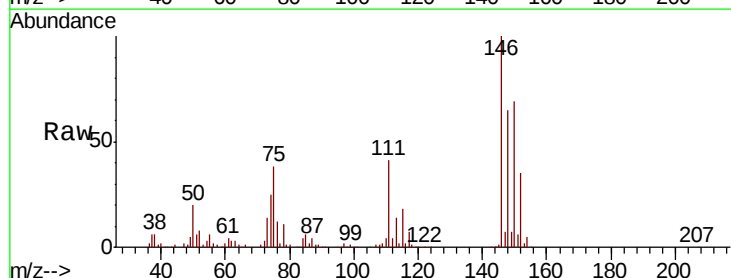
Tgt Ion:146 Resp: 76311

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.9

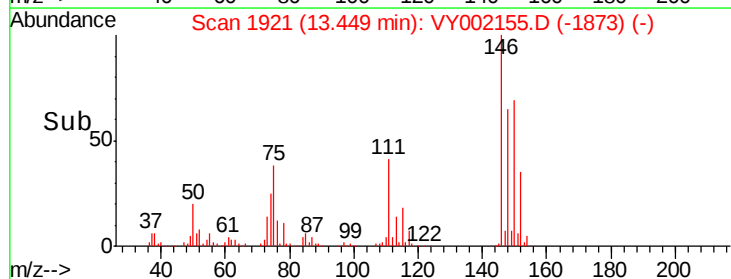
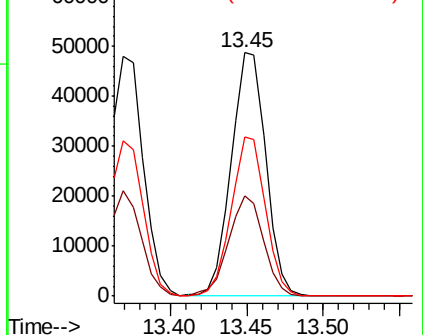
148 64.7 31.5 94.5

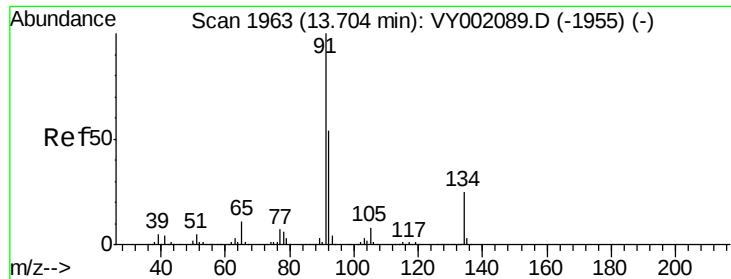


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.443 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

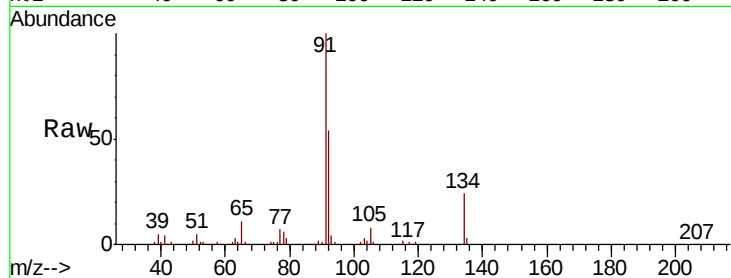
Tot Ion: 91 Resp: 164444

Ion Ratio Lower Upper

91 100

92 54.1 27.0 81.0

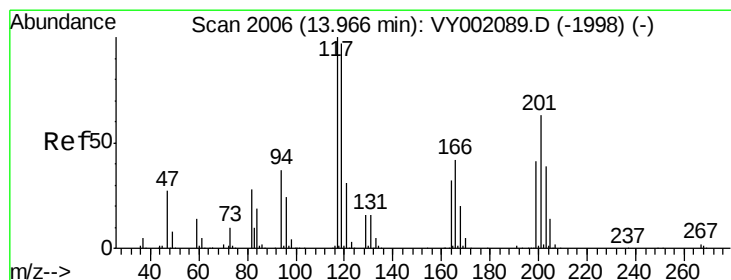
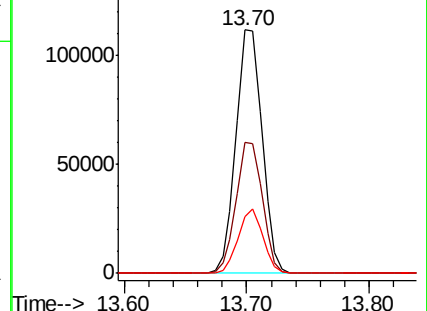
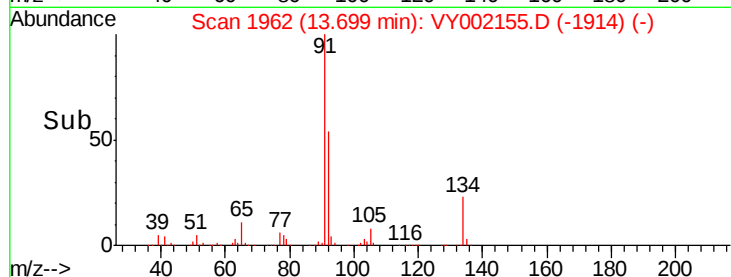
134 25.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002155.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002155.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002155.D (-1955) (-)



#90

Hexachloroethane

Concen: 20.171 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002155.D

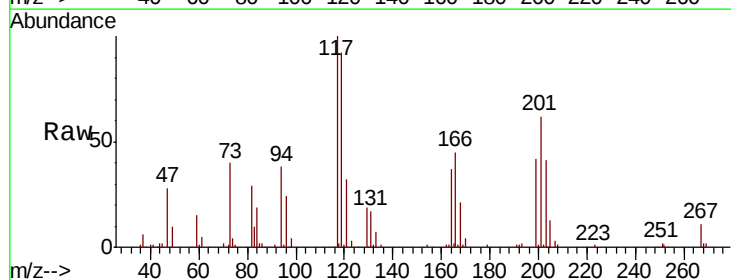
Acq: 01 Apr 2020 12:21

Tgt Ion: 117 Resp: 29343

Ion Ratio Lower Upper

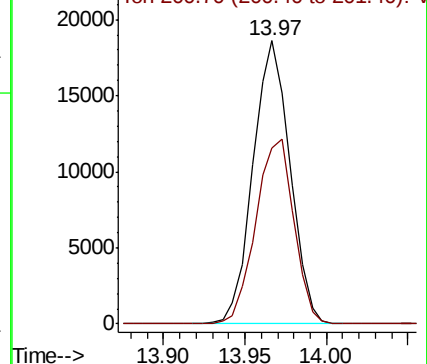
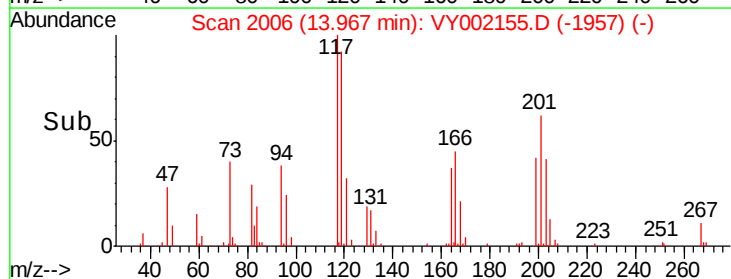
117 100

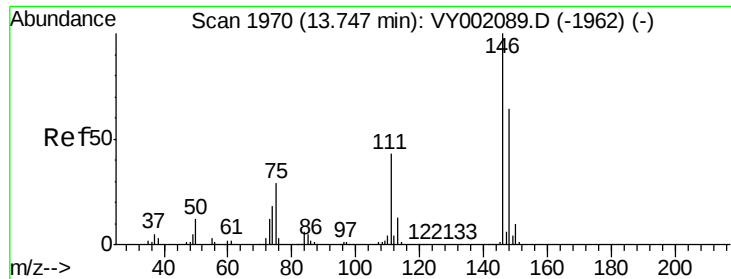
201 66.9 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002155.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002155.D (-1957) (-)

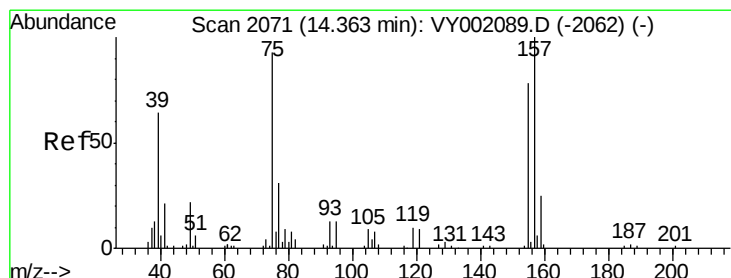
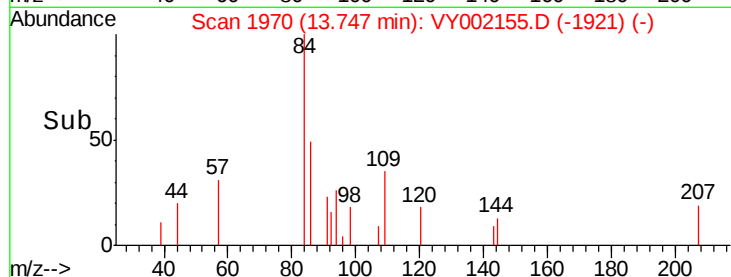
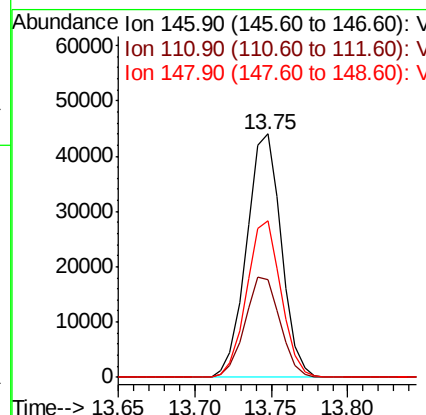
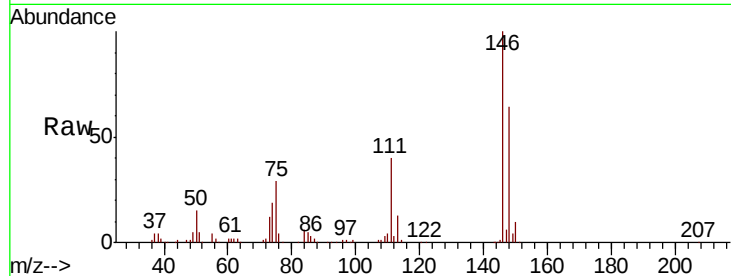




#91
 1,2-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

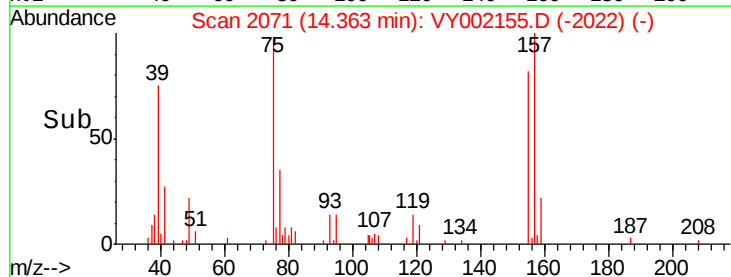
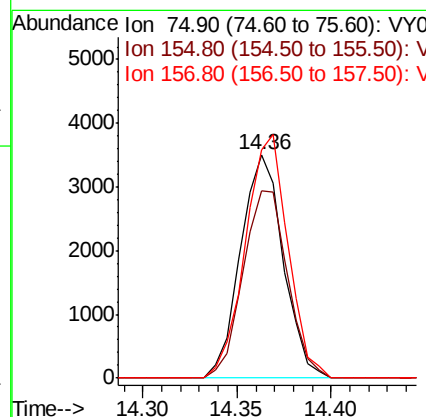
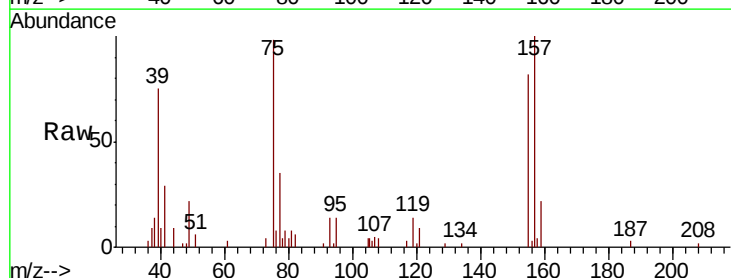
Instrument :
 MSVOA_Y
 ClientSampleId :

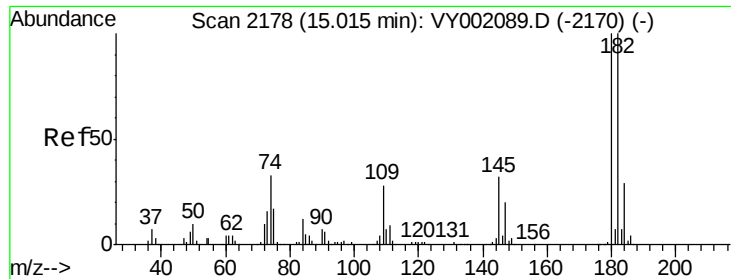
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.7	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.094 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	41.6	124.9
157	108.8	53.4	160.3

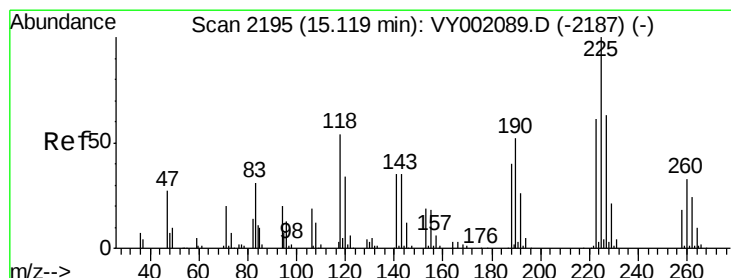
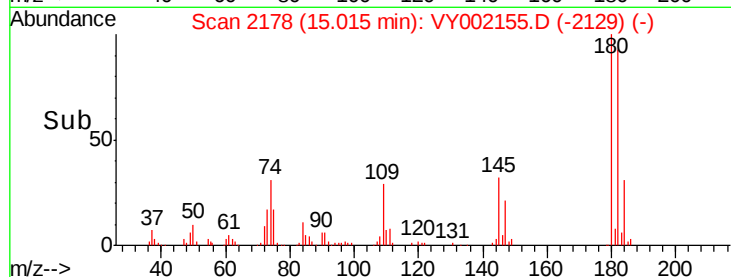
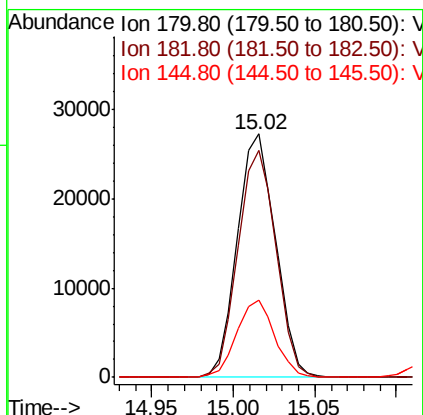
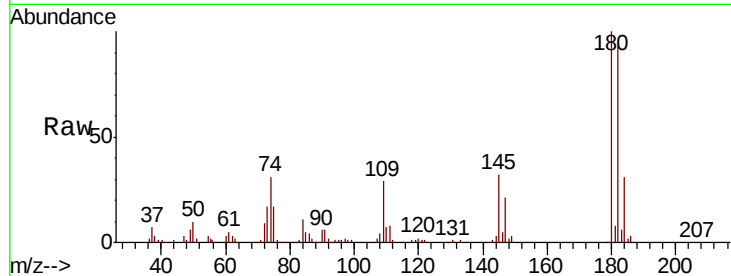




#93
 1,2,4-Trichlorobenzene
 Concen: 20.335 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

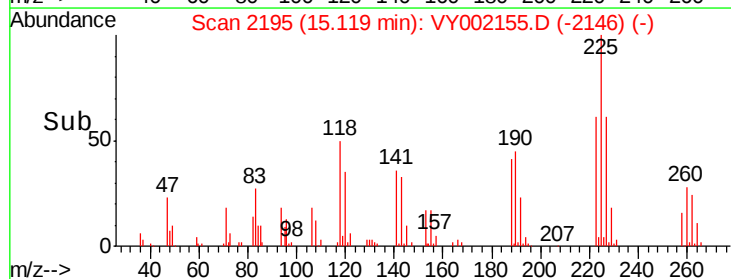
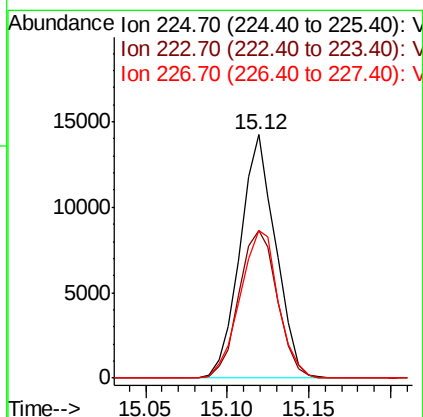
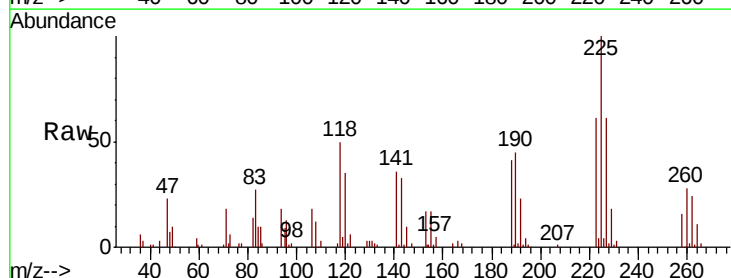
Instrument :
 MSVOA_Y
 ClientSampleId :

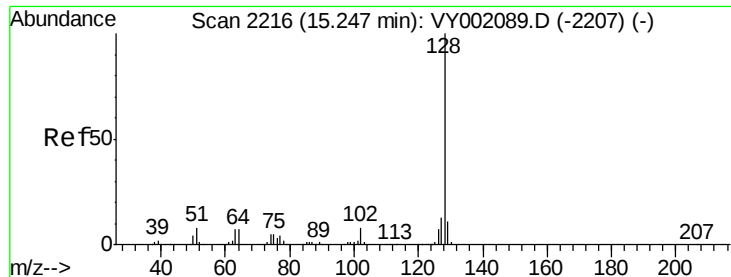
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.1	144.3
145	31.4	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 20.012 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.1	93.3
227	65.1	31.6	94.7

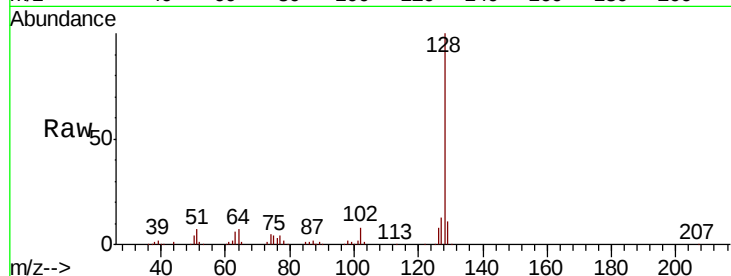




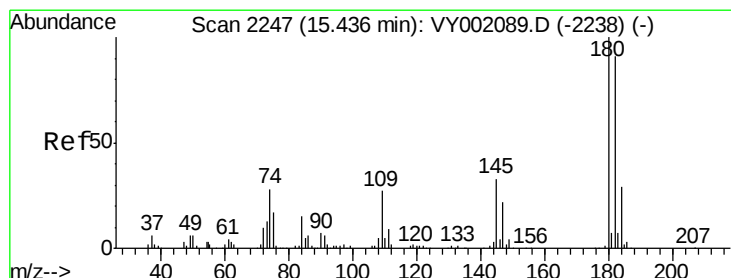
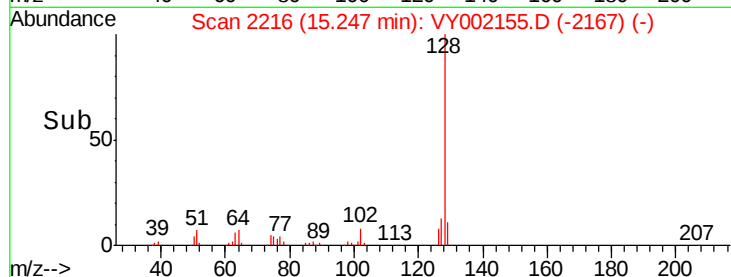
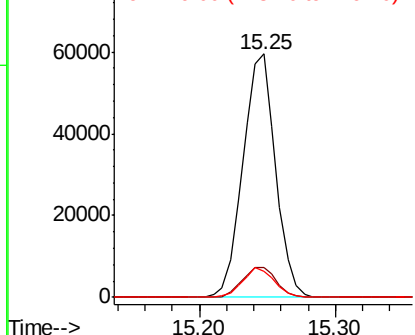
#95
Naphthalene
Concen: 19.126 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.8
129	11.6	8.6	13.0

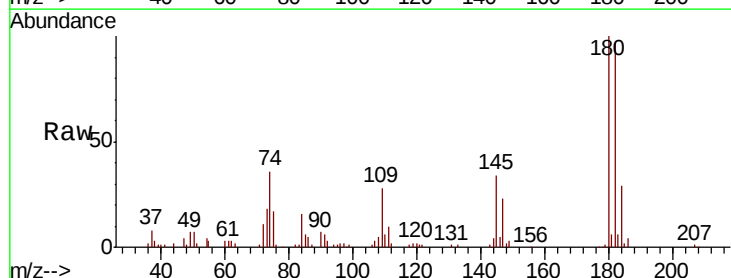


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.307 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	46.8	140.3
145	34.2	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

