

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002087.D
 Acq On : 26 Mar 2020 15:48
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 27 04:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	295356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123102	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	17864	10.06	ug/l	-0.01
Spiked Amount			Recovery	=	20.12%	
35) Dibromofluoromethane	7.73	113	16454	10.14	ug/l	0.00
Spiked Amount			Recovery	=	20.28%	
50) Toluene-d8	10.18	98	68734	10.04	ug/l	0.00
Spiked Amount			Recovery	=	20.08%	
62) 4-Bromofluorobenzene	12.49	95	24052	10.08	ug/l	0.00
Spiked Amount			Recovery	=	20.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	17200	11.937	ug/l	98
3) Chloromethane	2.12	50	22088	11.040	ug/l	96
4) Vinyl Chloride	2.26	62	22211	10.916	ug/l	100
5) Bromomethane	2.66	94	14972	10.984	ug/l	92
6) Chloroethane	2.80	64	13656	10.551	ug/l	94
7) Trichlorofluoromethane	3.14	101	28411	10.202	ug/l	99
8) Diethyl Ether	3.54	74	11883	10.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	18628	10.351	ug/l	99
10) Methyl Iodide	4.10	142	20734	9.977	ug/l	100
11) Tert butyl alcohol	4.97	59	12253	57.309	ug/l #	81
12) 1,1-Dichloroethene	3.88	96	18780	10.368	ug/l	94
13) Acrolein	3.74	56	12330	47.955	ug/l	98
14) Allyl chloride	4.50	41	33382	10.294	ug/l	99
15) Acrylonitrile	5.19	53	31694	53.550	ug/l	99
16) Acetone	3.97	43	28136	55.377	ug/l	99
17) Carbon Disulfide	4.21	76	61769	10.158	ug/l	100
18) Methyl Acetate	4.49	43	14263	10.930	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	50464	10.218	ug/l	99
20) Methylene Chloride	4.73	84	29404	13.453	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	20719	10.032	ug/l	93
22) Diisopropyl ether	6.13	45	69719	10.476	ug/l	95
23) Vinyl Acetate	6.07	43	227948	52.387	ug/l	100
24) 1,1-Dichloroethane	6.04	63	36775	10.239	ug/l	99
25) 2-Butanone	7.00	43	42985	55.608	ug/l	97
26) 2,2-Dichloropropane	6.99	77	30874	10.450	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	22733	10.108	ug/l	99
28) Bromochloromethane	7.35	49	16221	9.894	ug/l	100
29) Tetrahydrofuran	7.36	42	27422	53.297	ug/l	99
30) Chloroform	7.52	83	34157	10.127	ug/l	96
31) Cyclohexane	7.80	56	40477	10.540	ug/l #	85
32) 1,1,1-Trichloroethane	7.72	97	28693	10.108	ug/l	98
36) 1,1-Dichloropropene	7.93	75	29276	10.389	ug/l	100
37) Ethyl Acetate	7.10	43	17950	10.990	ug/l	98
38) Carbon Tetrachloride	7.91	117	24757	10.255	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	38952	10.404	ug/l	99
40) Benzene	8.17	78	86605	10.353	ug/l	96
41) Methacrylonitrile	7.36	41	24592	32.318	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	23333	10.811	ug/l	99
43) Isopropyl Acetate	8.28	43	33270	10.718	ug/l	99
44) Trichloroethene	8.95	130	20813	10.204	ug/l	98
45) 1,2-Dichloropropane	9.22	63	21841	10.363	ug/l	96
46) Dibromomethane	9.32	93	11102	10.223	ug/l	99
47) Bromodichloromethane	9.50	83	25198	9.963	ug/l	96
48) Methyl methacrylate	9.30	41	14928	10.918	ug/l	99
49) 1,4-Dioxane	9.31	88	3158	213.064	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	86694	54.250	ug/l	99
52) Toluene	10.25	92	51358	10.112	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	28187	10.239	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	33857	10.331	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	16486	10.353	ug/l	99
56) Ethyl methacrylate	10.52	69	23416	10.109	ug/l	97
57) 1,3-Dichloropropane	10.80	76	28940	10.207	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	61405	62.173	ug/l	99
59) 2-Hexanone	10.84	43	62654	55.070	ug/l	100
60) Dibromochloromethane	10.99	129	16996	10.176	ug/l	99
61) 1,2-Dibromoethane	11.10	107	15532	10.324	ug/l	93
64) Tetrachloroethene	10.72	164	17042	10.247	ug/l	99
65) Chlorobenzene	11.52	112	53179	10.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	17999	10.434	ug/l	98
67) Ethyl Benzene	11.60	91	99040	10.095	ug/l	96
68) m/p-Xylenes	11.71	106	72842	20.118	ug/l	98
69) o-Xylene	12.03	106	34676	10.151	ug/l	97
70) Styrene	12.05	104	58698	10.026	ug/l	98
71) Bromoform	12.21	173	9272	9.928	ug/l #	94
73) Isopropylbenzene	12.33	105	92607	9.884	ug/l	99
74) N-amyl acetate	12.14	43	30470	10.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	20648	10.249	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	27223	18.449	ug/l #	100
77) Bromobenzene	12.61	156	20350	10.211	ug/l	98
78) n-propylbenzene	12.67	91	115976	10.022	ug/l	98
79) 2-Chlorotoluene	12.76	91	63898	9.998	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	76346	9.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	7046	9.795	ug/l	93
82) 4-Chlorotoluene	12.86	91	66670	10.005	ug/l	98
83) tert-Butylbenzene	13.08	119	63197	9.811	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	77530	10.114	ug/l	98
85) sec-Butylbenzene	13.26	105	97747	10.321	ug/l	99
86) p-Isopropyltoluene	13.37	119	84569	10.347	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	40320	10.353	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	41173	10.429	ug/l	98
89) n-Butylbenzene	13.70	91	86445	10.189	ug/l	99
90) Hexachloroethane	13.97	117	14838	9.625	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	36840	10.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3197	10.151	ug/l	98

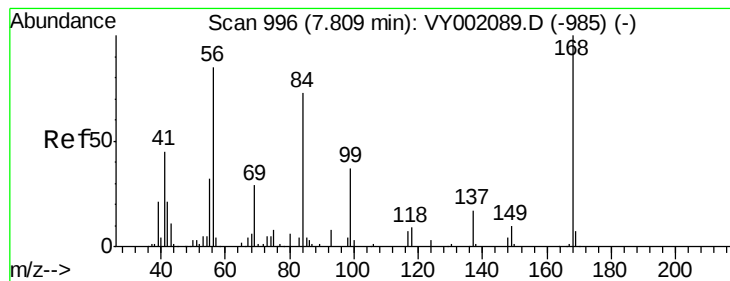
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	23188	10.117	ug/l	97
94) Hexachlorobutadiene	15.11	225	11783	10.481	ug/l	96
95) Naphthalene	15.24	128	56027	10.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	21557	10.628	ug/l	98

(#) = 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: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

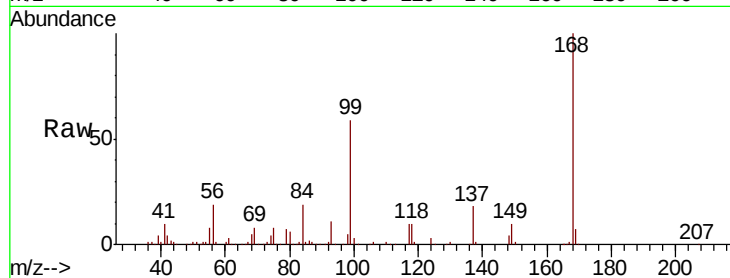
VSTDIC010

Tot Ion:168 Resp: 164561

Ion Ratio Lower Upper

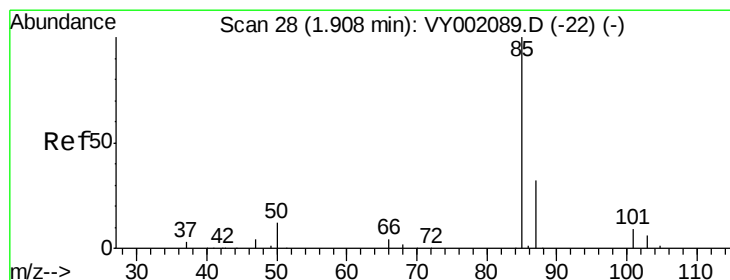
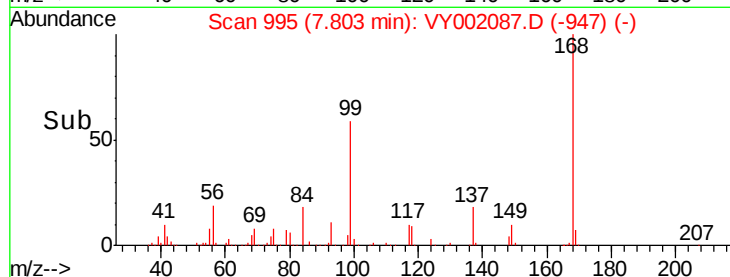
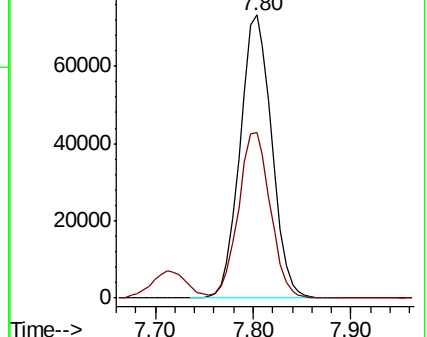
168 100

99 58.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 11.937 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002087.D

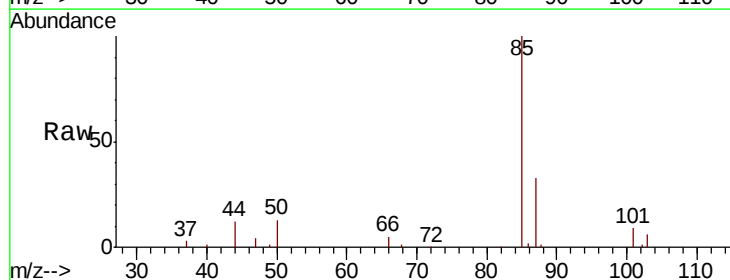
Acq: 26 Mar 2020 15:48

Tgt Ion: 85 Resp: 17200

Ion Ratio Lower Upper

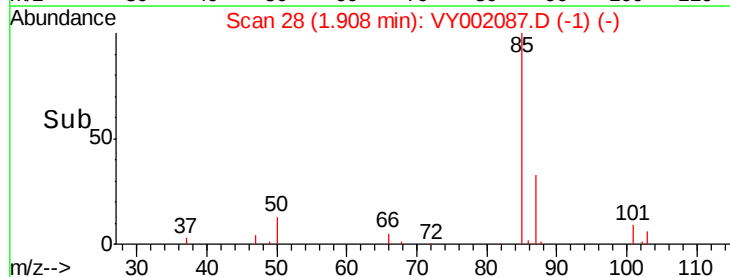
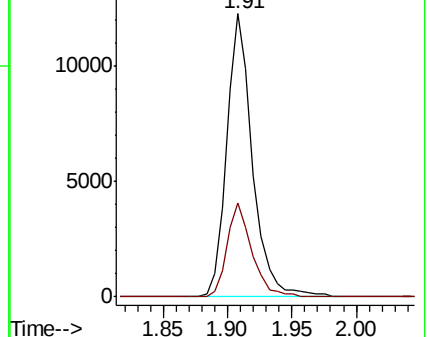
85 100

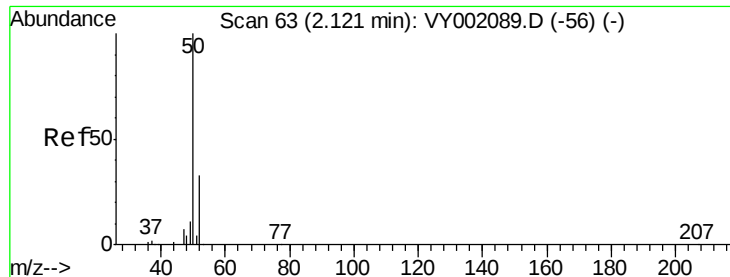
87 33.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 11.040 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

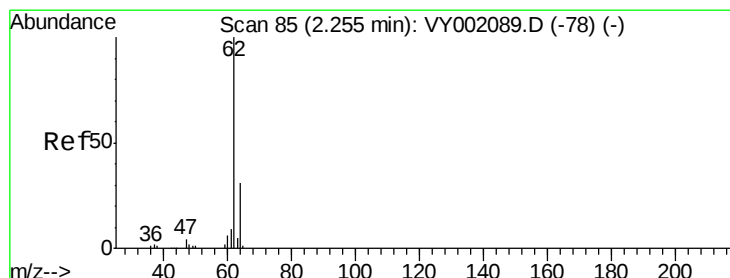
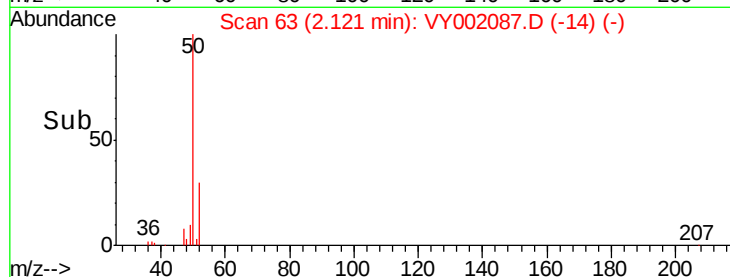
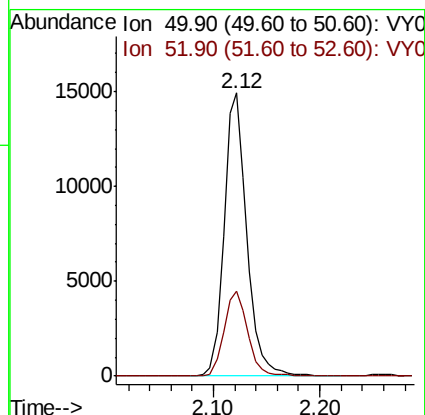
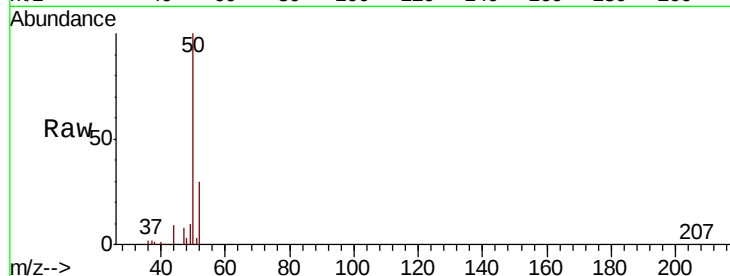
VSTDIC010

Tot Ion: 50 Resp: 22088

Ion Ratio Lower Upper

50 100

52 30.1 26.1 39.1



#4

Vinyl Chloride

Concen: 10.916 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002087.D

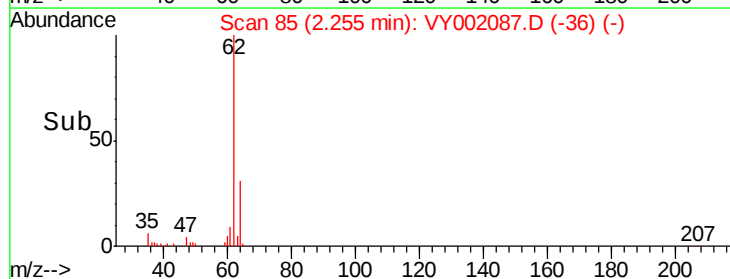
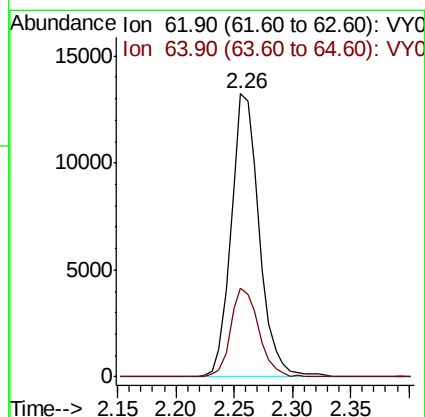
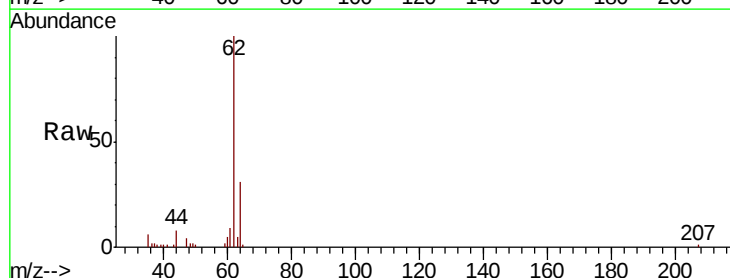
Acq: 26 Mar 2020 15:48

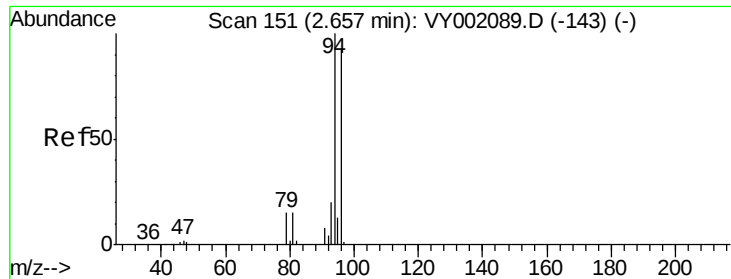
Tgt Ion: 62 Resp: 22211

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 10.984 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

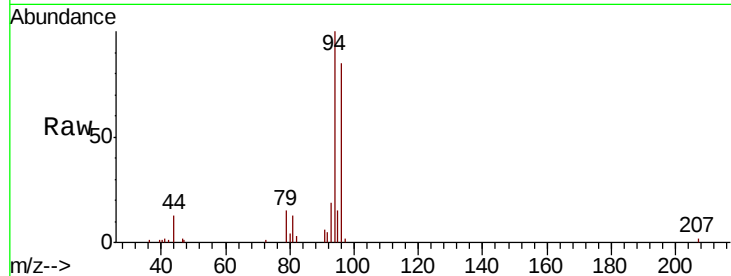
VSTDIC010

Tot Ion: 94 Resp: 14972

Ion Ratio Lower Upper

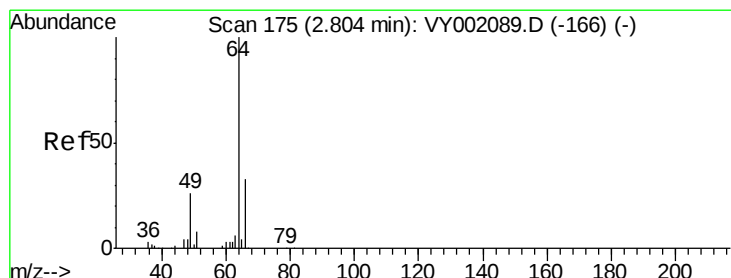
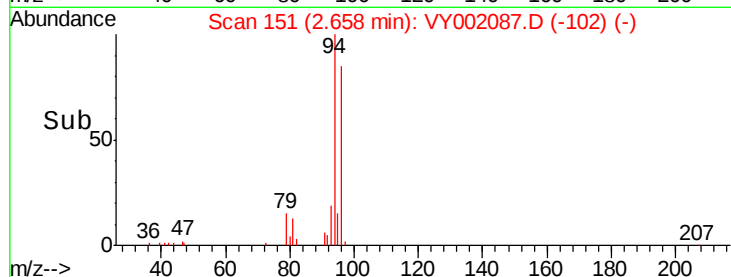
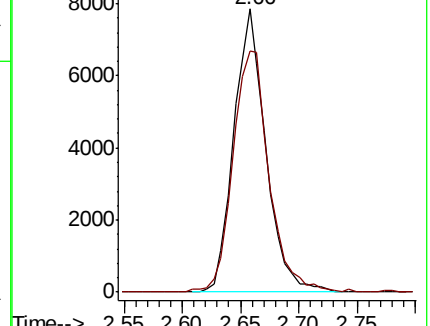
94 100

96 85.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY002089.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VY002089.D (-143) (-)



#6

Chloroethane

Concen: 10.551 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002087.D

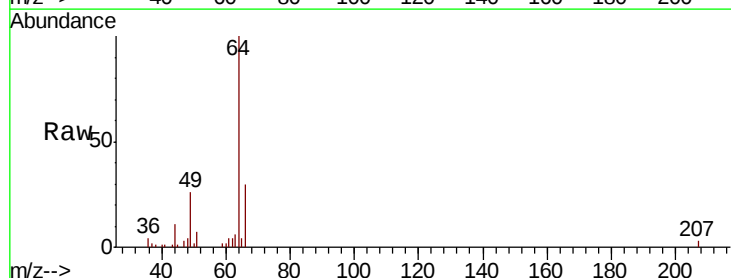
Acq: 26 Mar 2020 15:48

Tgt Ion: 64 Resp: 13656

Ion Ratio Lower Upper

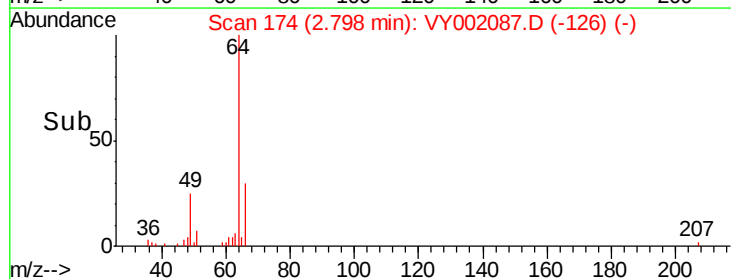
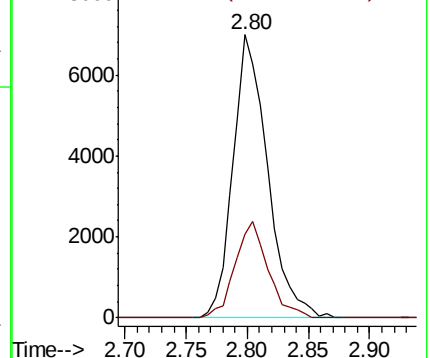
64 100

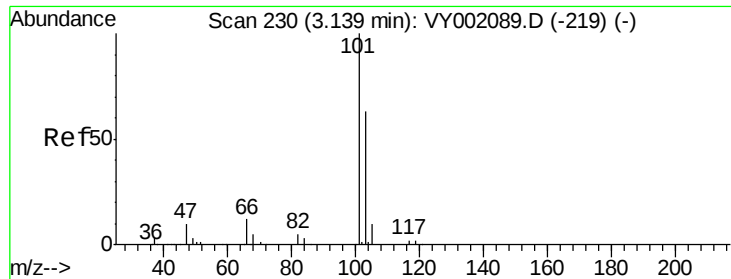
66 29.6 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY002089.D (-166) (-)

Ion 65.90 (65.60 to 66.60): VY002089.D (-166) (-)



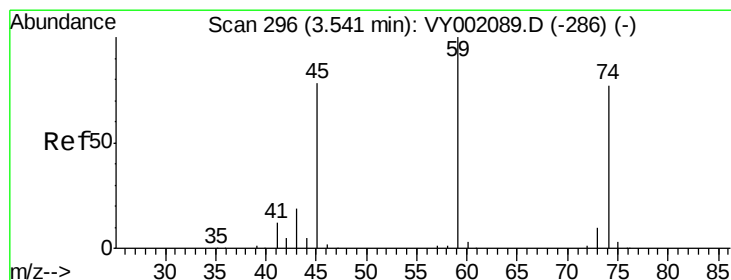
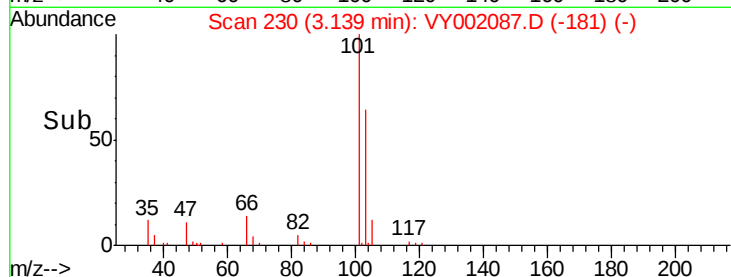
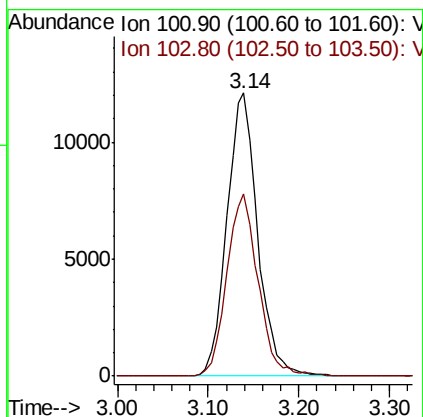
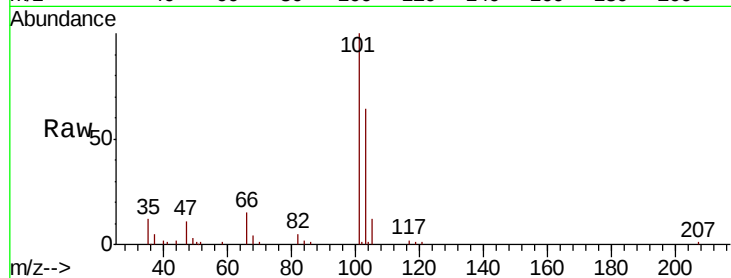


#7

Trichlorofluoromethane
Concen: 10.202 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

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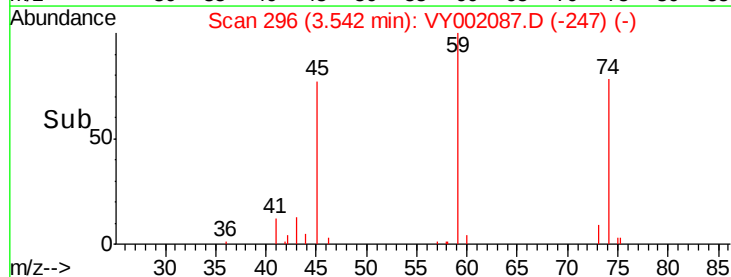
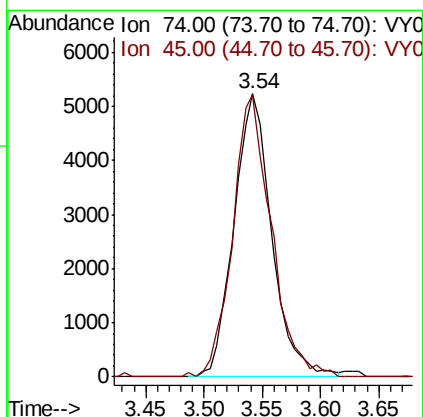
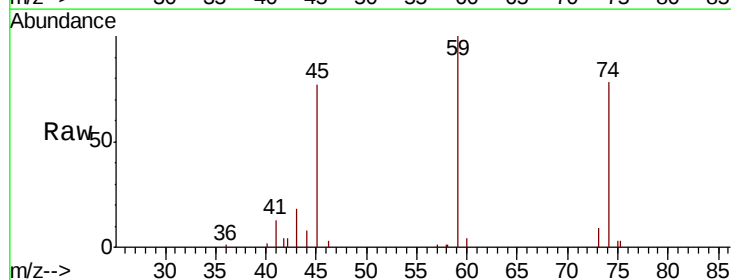
Tot Ion:101 Resp: 28411
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

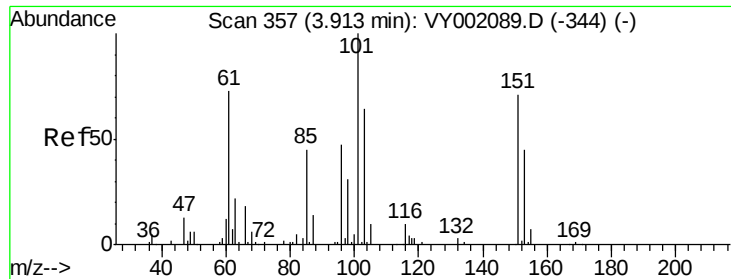


#8

Diethyl Ether
Concen: 10.736 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 74 Resp: 11883
Ion Ratio Lower Upper
74 100
45 101.2 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.351 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

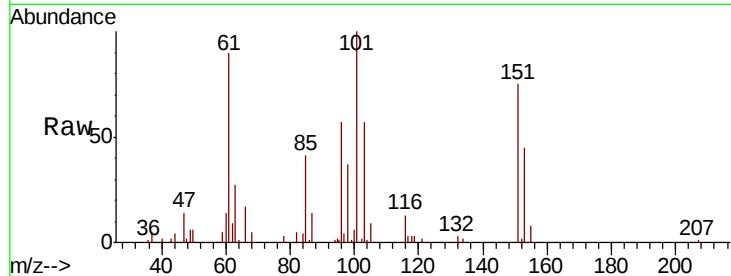
Tot Ion:101 Resp: 18628

Ion Ratio Lower Upper

101 100

85 45.3 35.9 53.9

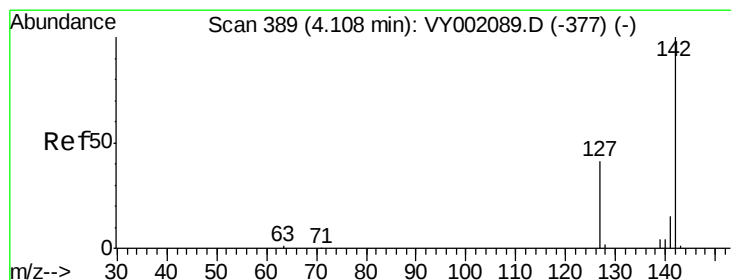
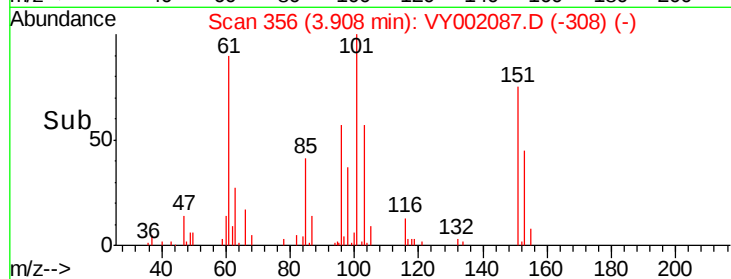
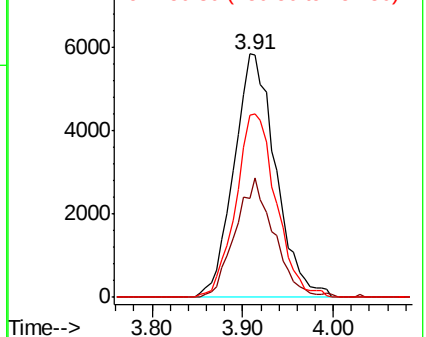
151 72.8 57.5 86.3



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: 9.977 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

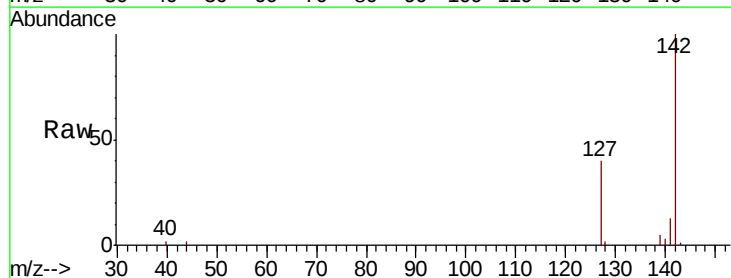
Tgt Ion:142 Resp: 20734

Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

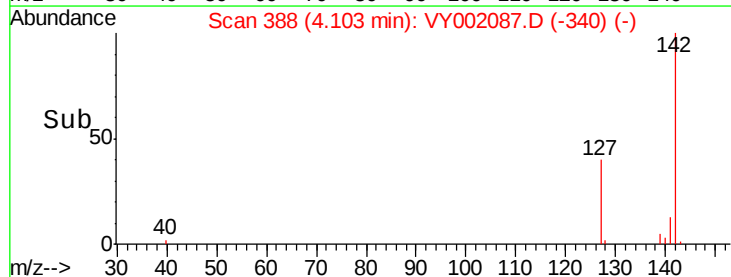
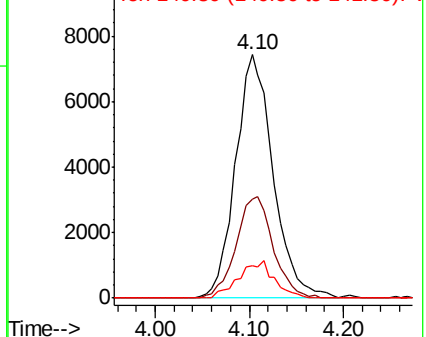
141 14.3 11.4 17.0

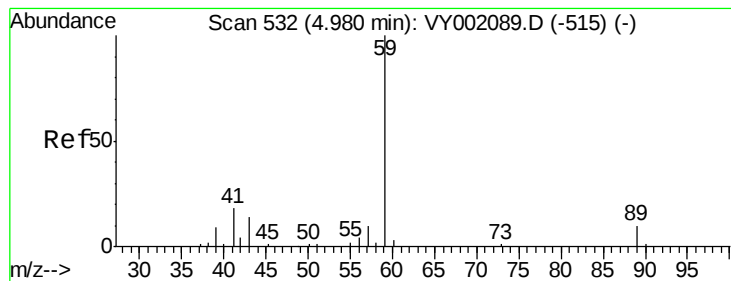


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



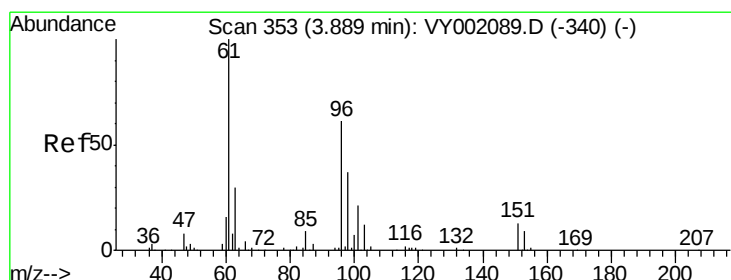
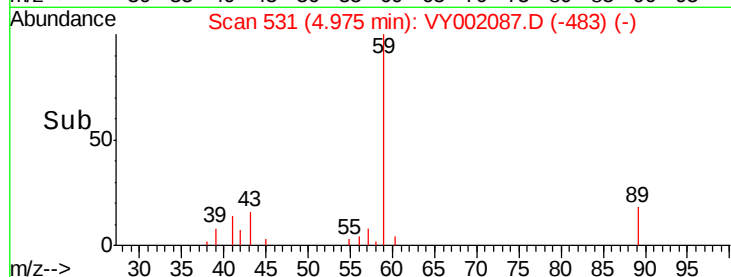
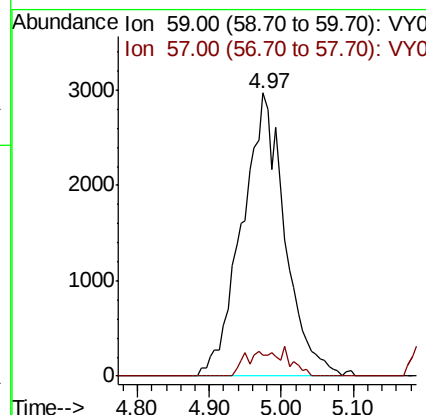
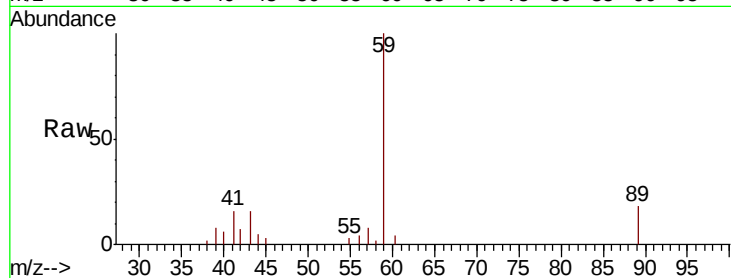


#11

Tert butyl alcohol
 Concen: 57.309 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

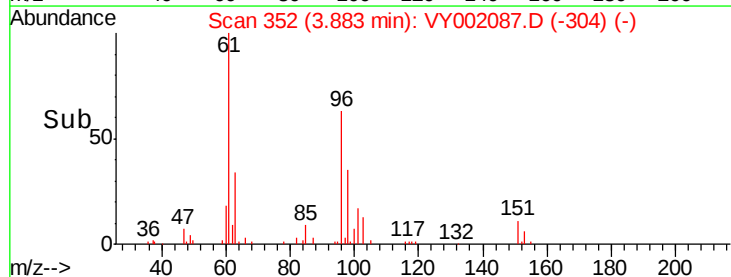
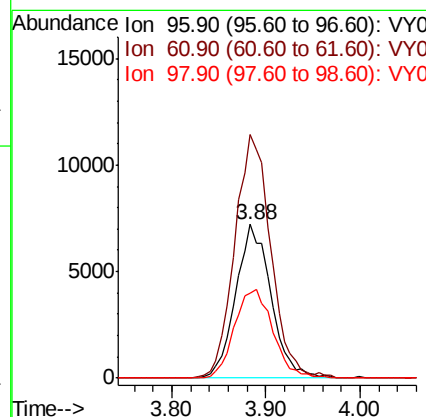
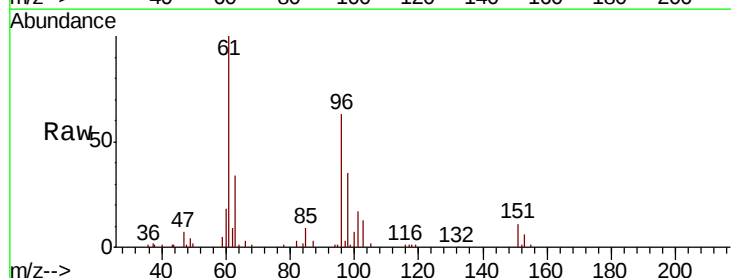
Tot Ion: 59 Resp: 12253
 Ion Ratio Lower Upper
 59 100
 57 2.6 7.7 11.5#

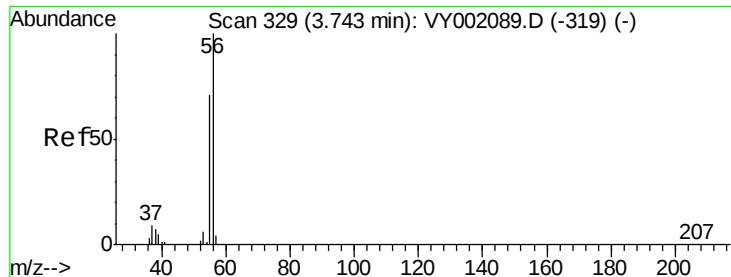


#12

1,1-Dichloroethene
 Concen: 10.368 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 96 Resp: 18780
 Ion Ratio Lower Upper
 96 100
 61 158.5 132.0 198.0
 98 55.5 49.4 74.0





#13

Acrolein

Concen: 47.955 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

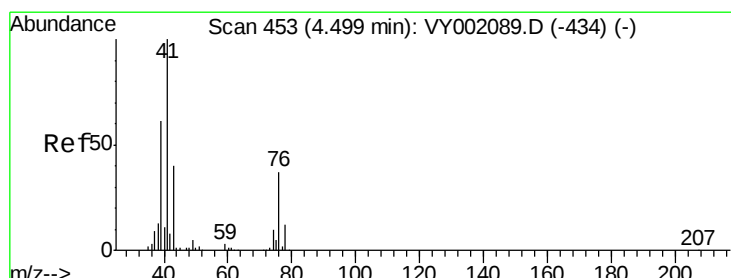
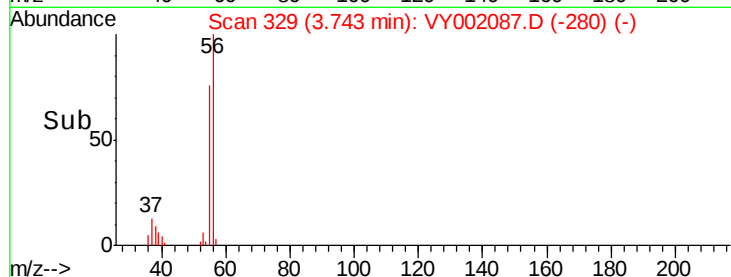
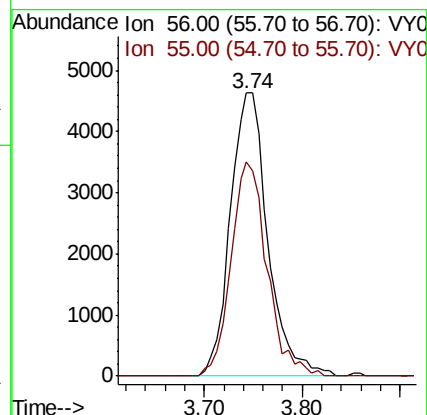
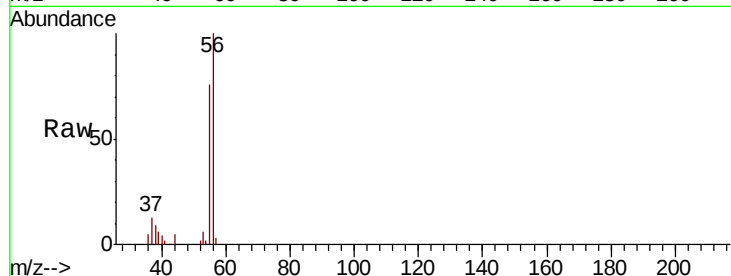
VSTDIC010

Tot Ion: 56 Resp: 12330

Ion Ratio Lower Upper

56 100

55 72.3 56.5 84.7



#14

Allyl chloride

Concen: 10.294 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

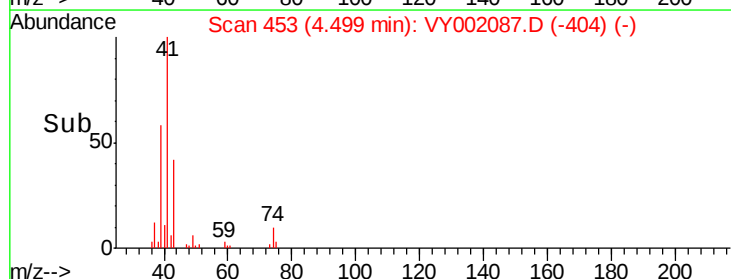
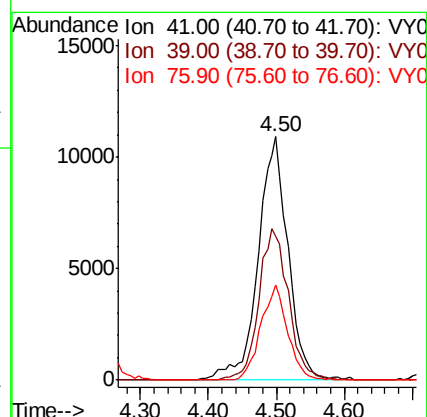
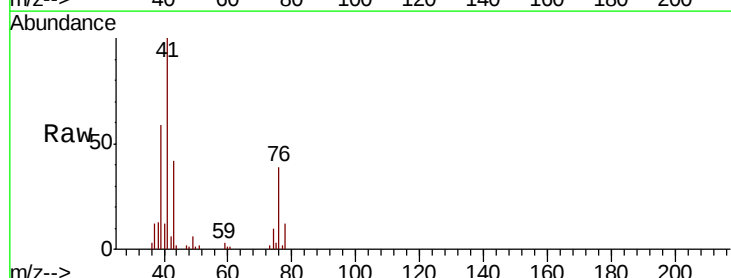
Tgt Ion: 41 Resp: 33382

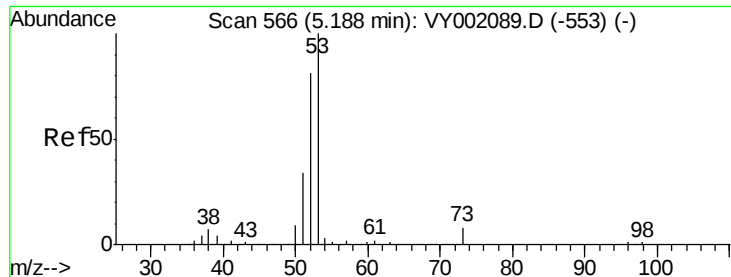
Ion Ratio Lower Upper

41 100

39 61.7 49.0 73.4

76 35.1 27.8 41.8





#15

Acrylonitrile

Concen: 53.550 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

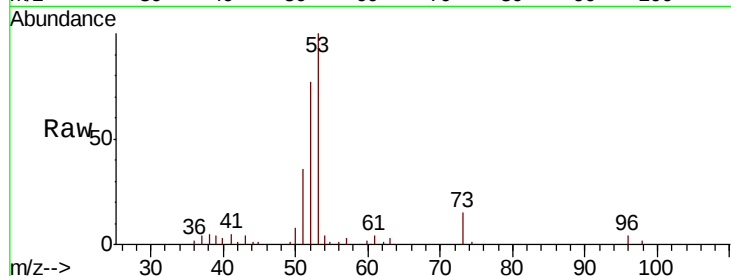
Tot Ion: 53 Resp: 31694

Ion Ratio Lower Upper

53 100

52 79.9 64.6 97.0

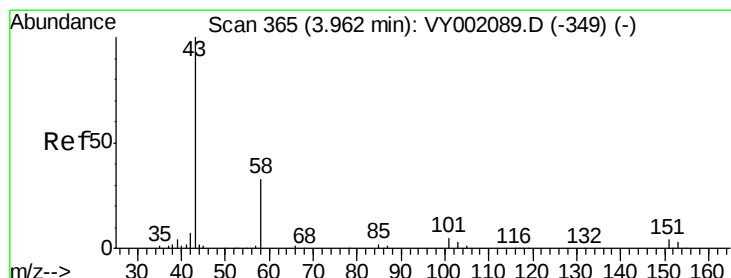
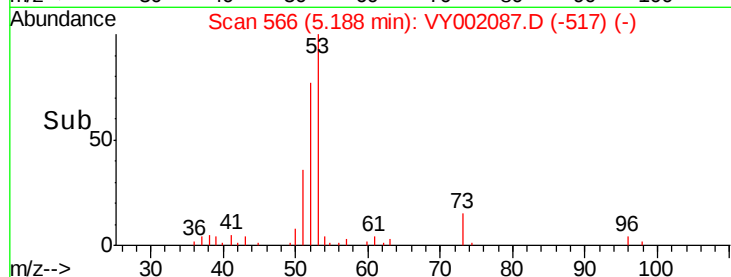
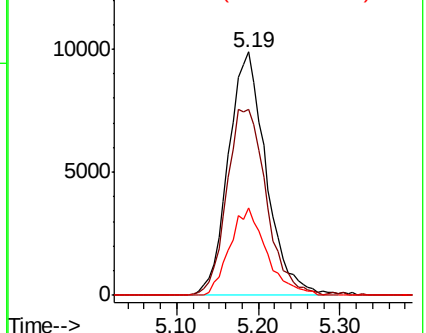
51 34.7 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002087.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002087.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002087.D (-553) (-)



#16

Acetone

Concen: 55.377 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002087.D

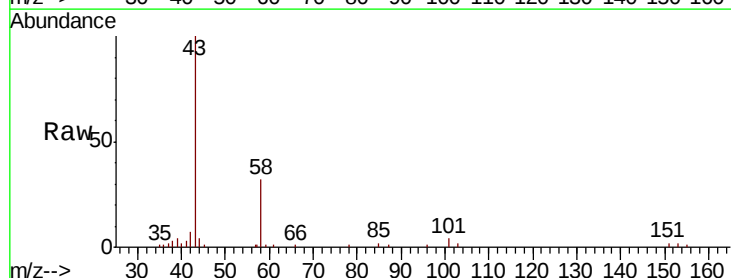
Acq: 26 Mar 2020 15:48

Tgt Ion: 43 Resp: 28136

Ion Ratio Lower Upper

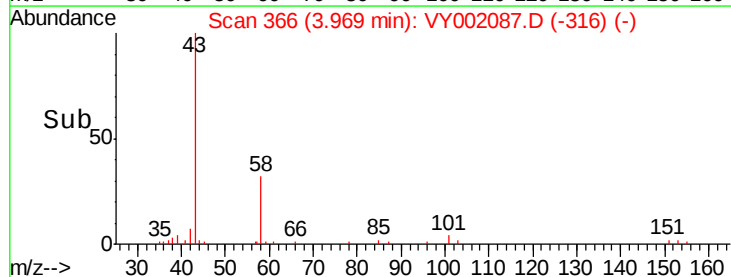
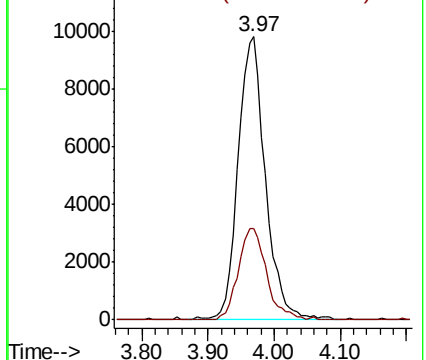
43 100

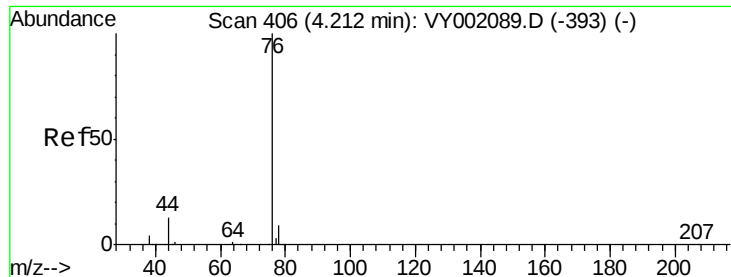
58 32.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002087.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002087.D (-349) (-)

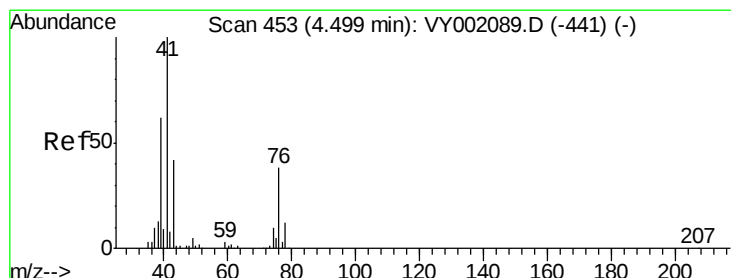
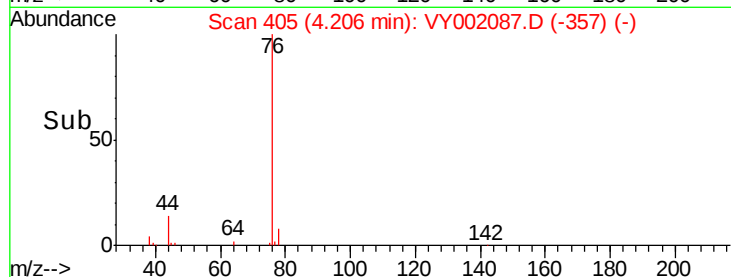
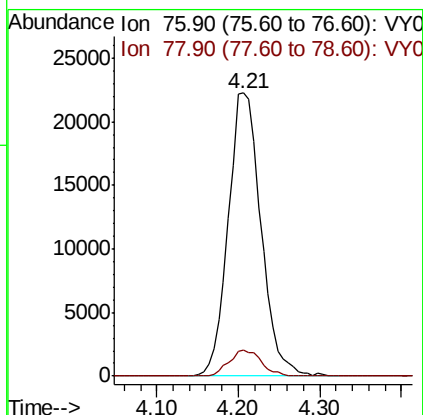
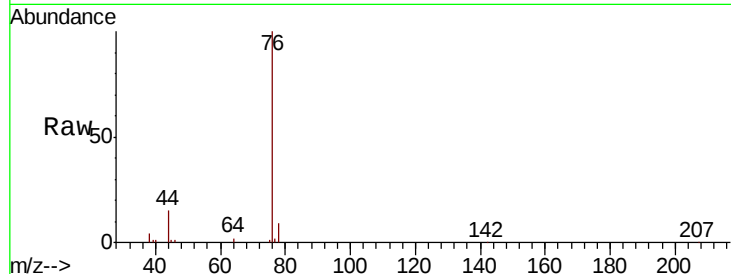




#17
Carbon Disulfide
Concen: 10.158 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

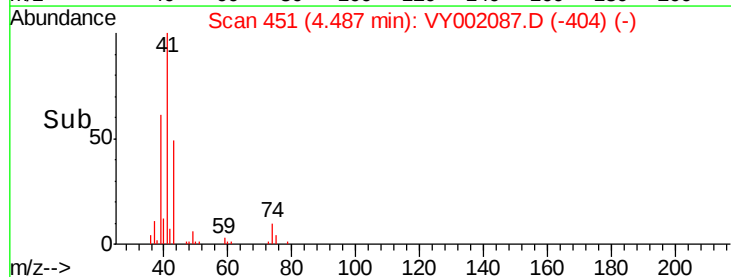
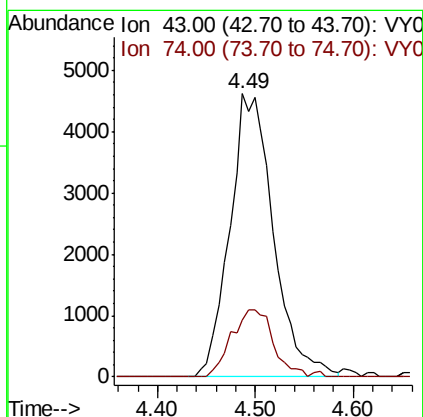
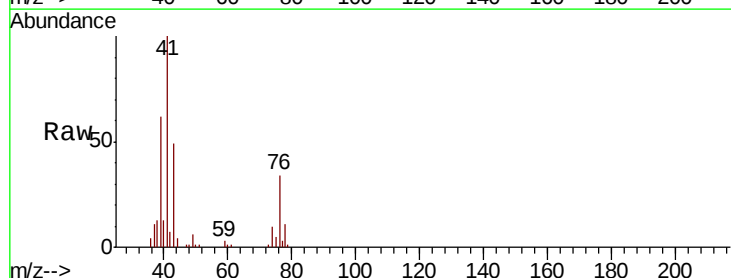
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

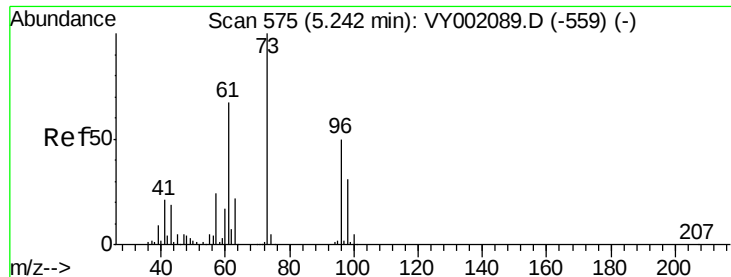
Tot Ion: 76 Resp: 61769
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 10.930 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 43 Resp: 14263
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5



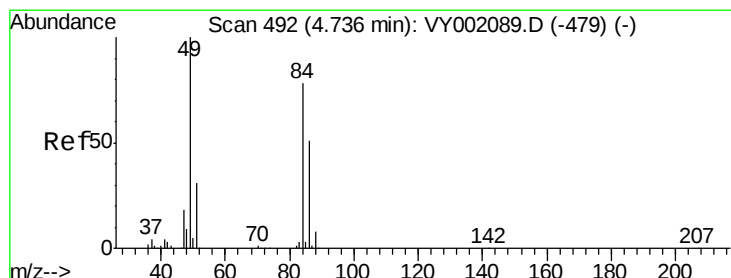
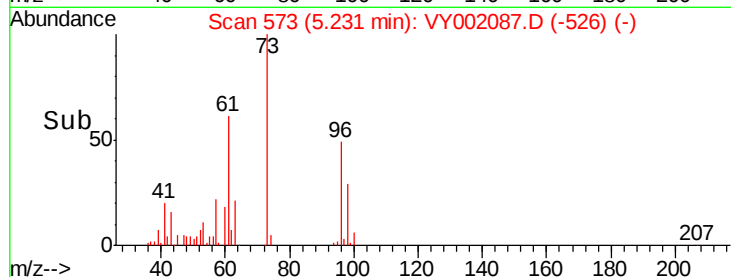
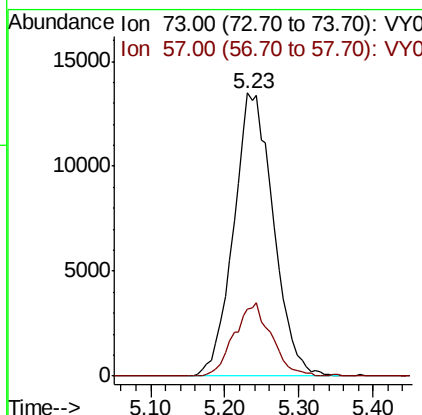
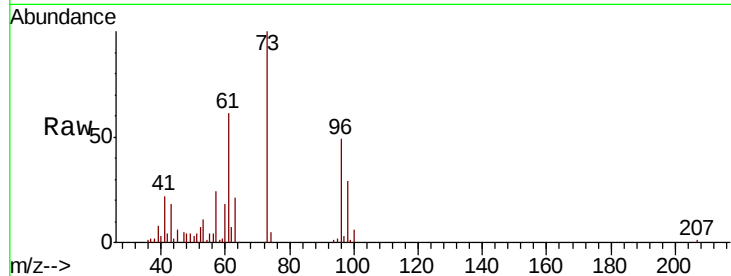


#19

Methyl tert-butyl Ether
 Concen: 10.218 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC010

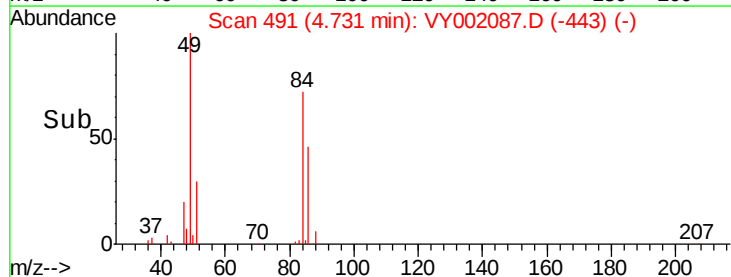
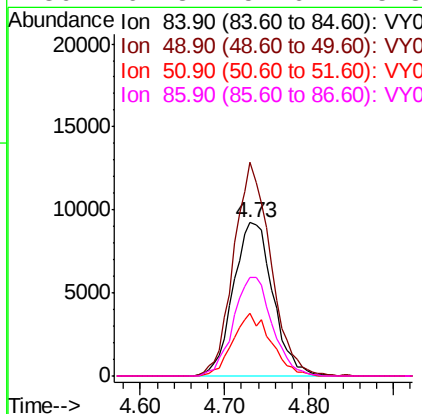
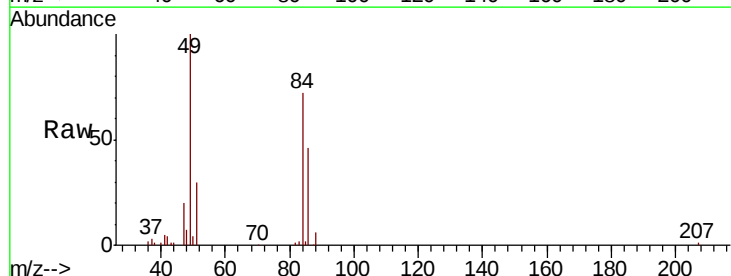
Tot Ion: 73 Resp: 50464
 Ion Ratio Lower Upper
 73 100
 57 23.5 19.0 28.6

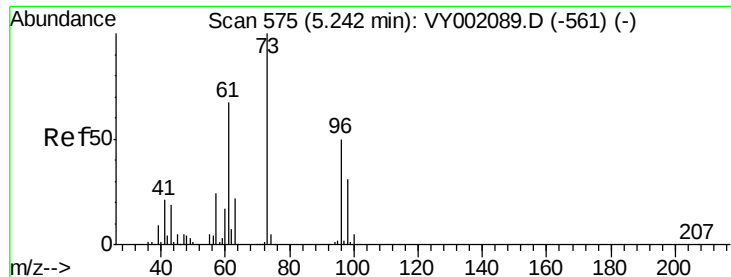


#20

Methylene Chloride
 Concen: 13.453 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 84 Resp: 29404
 Ion Ratio Lower Upper
 84 100
 49 139.6 102.2 153.4
 51 41.4 31.2 46.8
 86 64.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 10.032 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

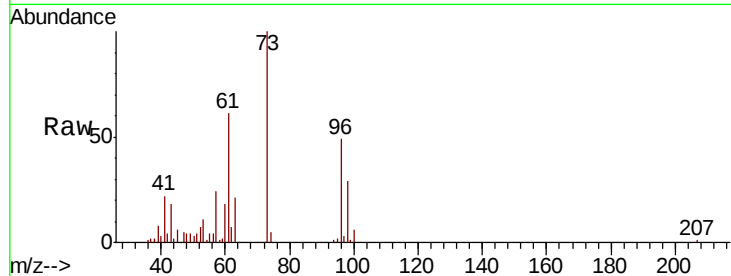
Tot Ion: 96 Resp: 20719

Ion Ratio Lower Upper

96 100

61 124.7 107.7 161.5

98 58.9 50.5 75.7

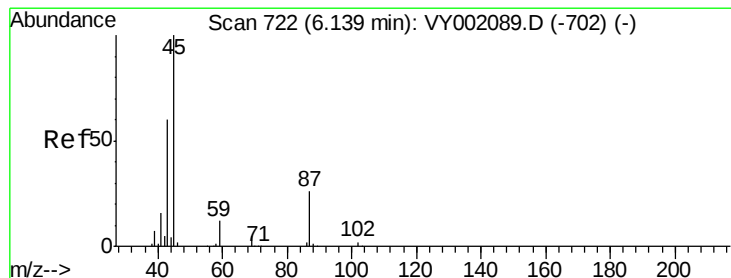
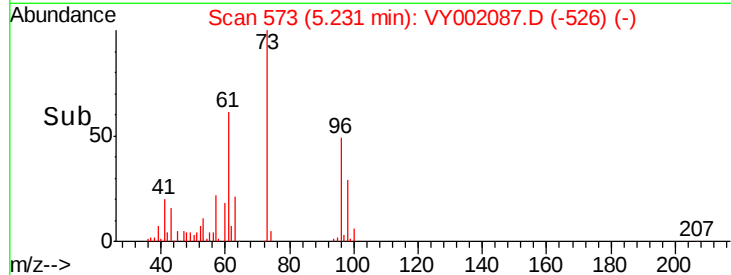
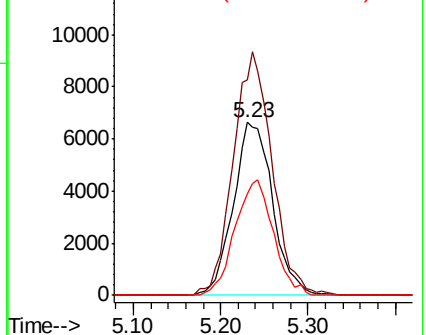


Abundance

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: 10.476 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Tgt Ion: 45 Resp: 69719

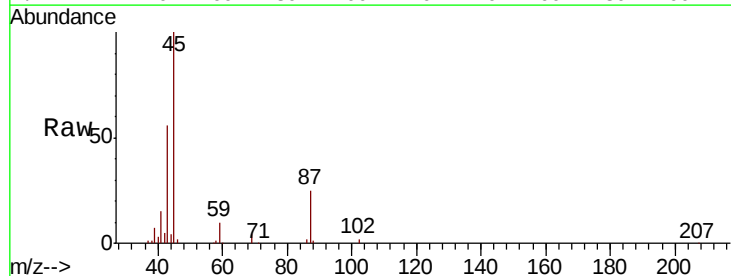
Ion Ratio Lower Upper

45 100

43 55.5 48.1 72.1

87 25.3 21.1 31.7

59 10.4 9.2 13.8



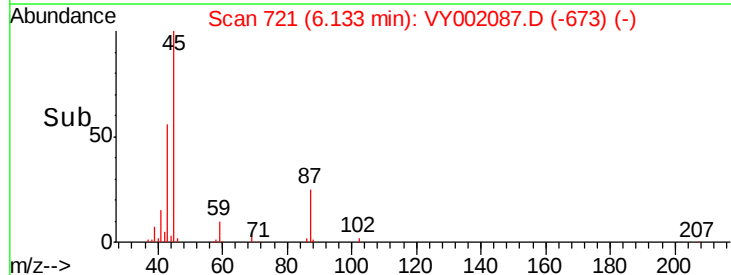
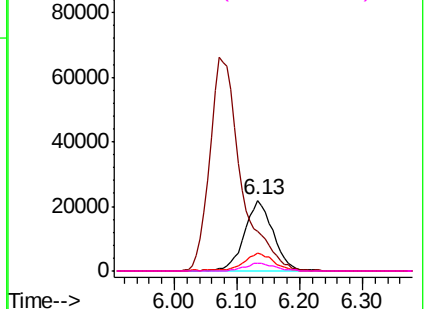
Abundance

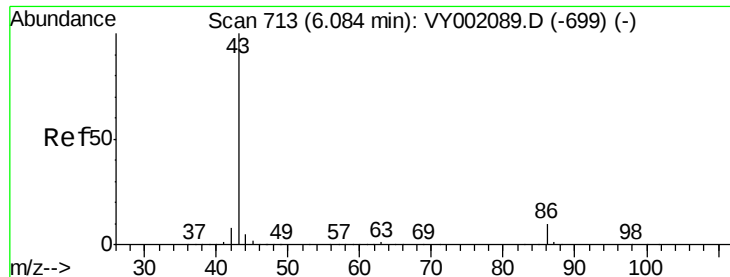
Ion 45.00 (44.70 to 45.70): VY0

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: 52.387 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

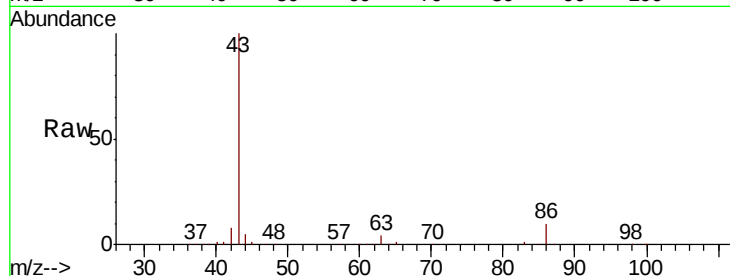
VSTDIC010

Tot Ion: 43 Resp: 227948

Ion Ratio Lower Upper

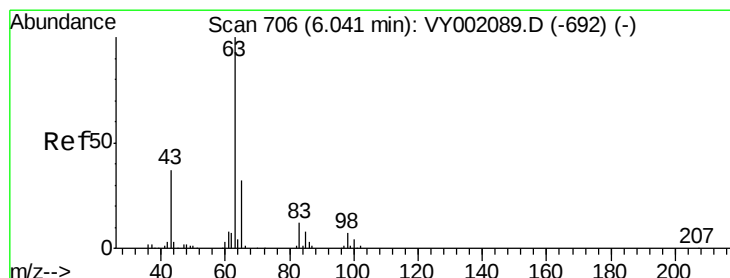
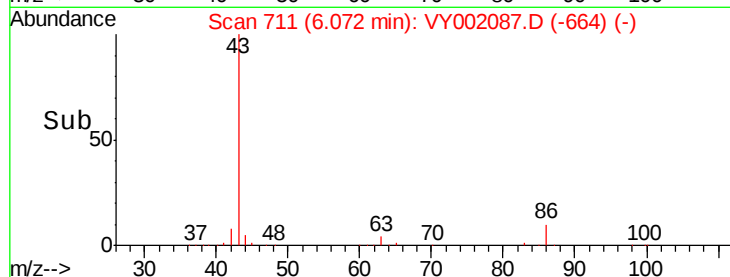
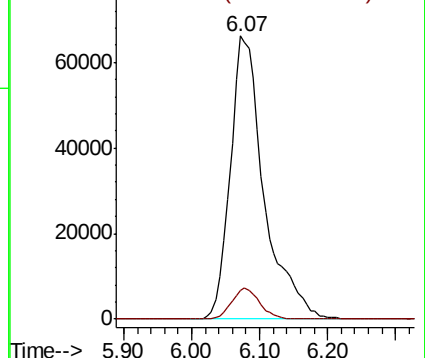
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.239 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

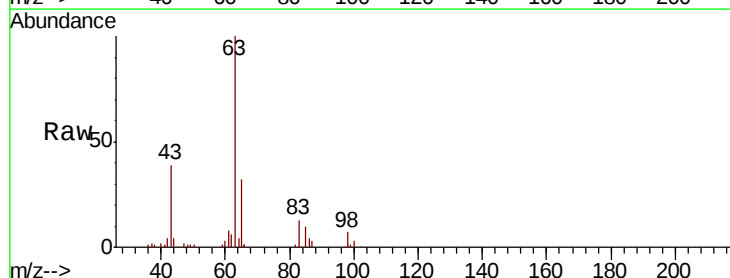
Tgt Ion: 63 Resp: 36775

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

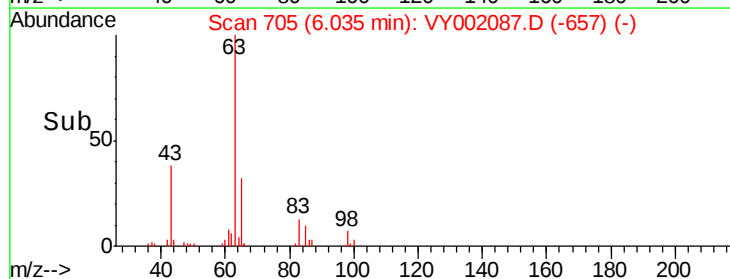
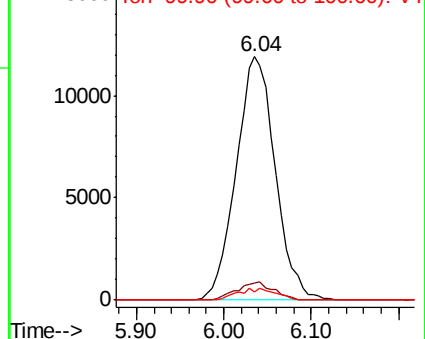
100 3.4 1.8 5.5

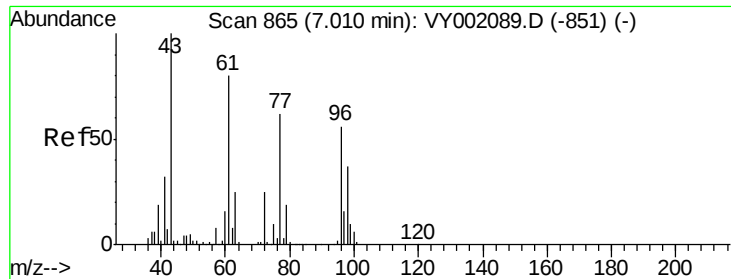


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 55.608 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

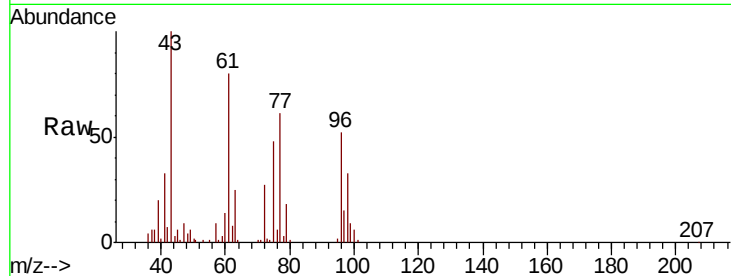
VSTDIC010

Tot Ion: 43 Resp: 42985

Ion Ratio Lower Upper

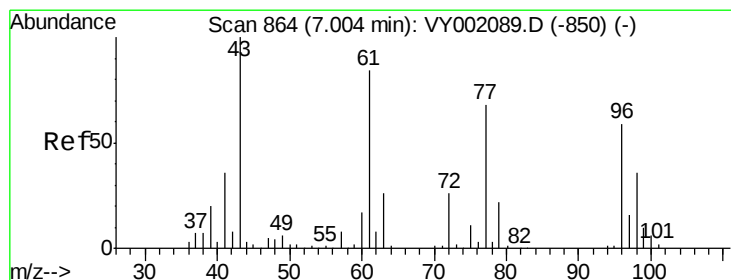
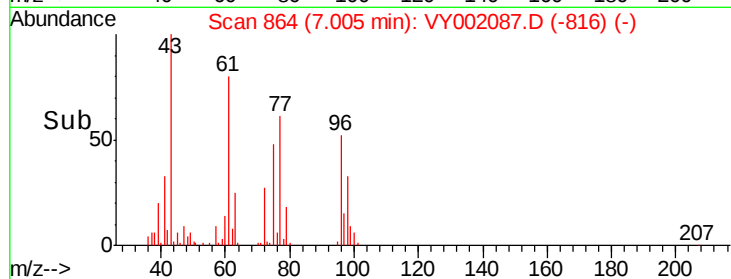
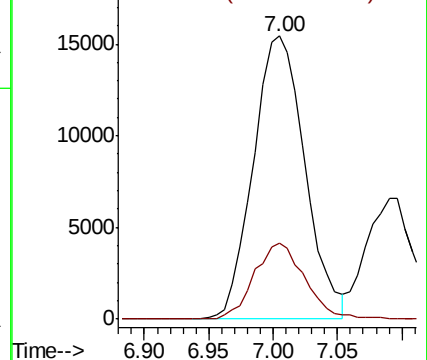
43 100

72 26.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 10.450 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002087.D

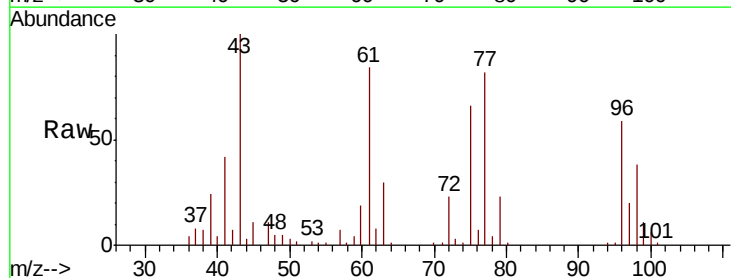
Acq: 26 Mar 2020 15:48

Tgt Ion: 77 Resp: 30874

Ion Ratio Lower Upper

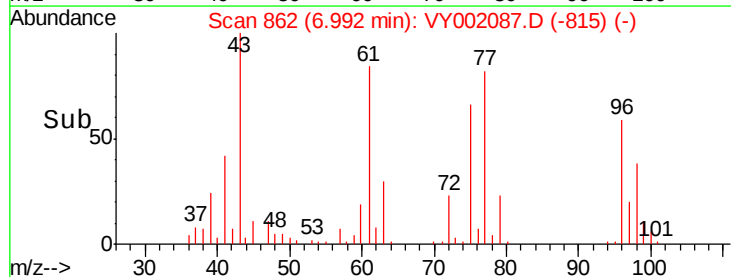
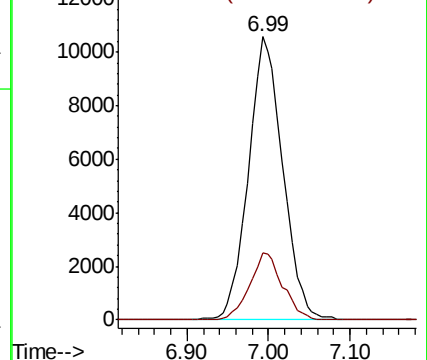
77 100

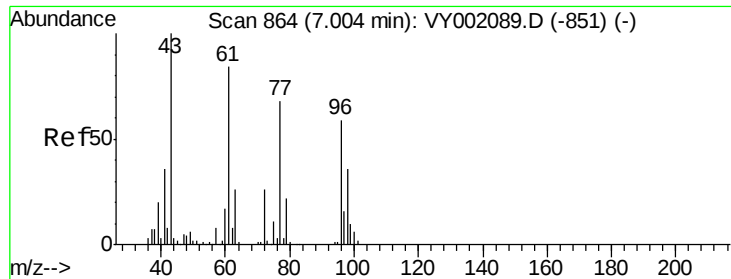
97 22.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

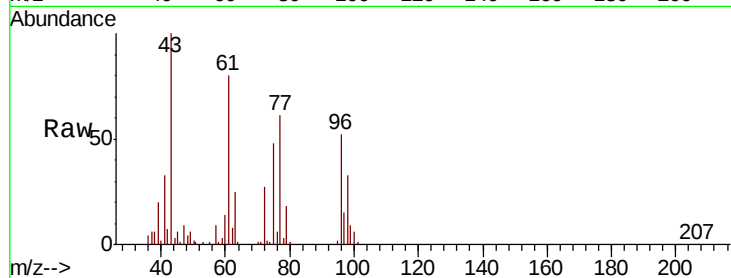




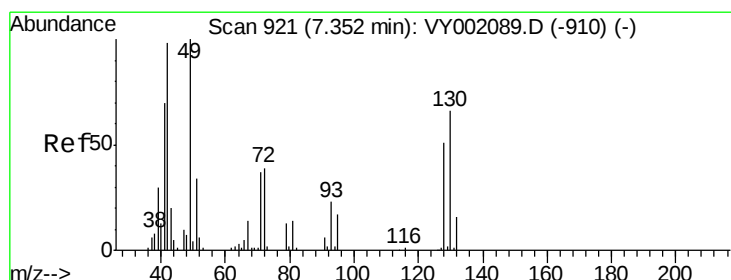
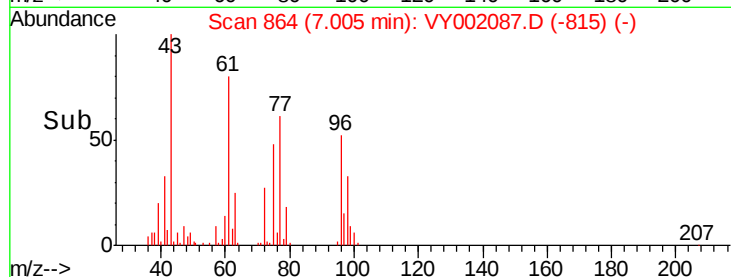
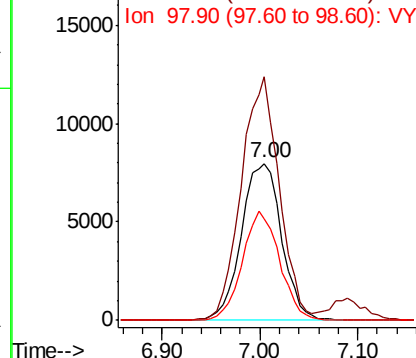
#27
 cis-1,2-Dichloroethene
 Concen: 10.108 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 96 Resp: 22733
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 290.6
 98 64.4 0.0 128.0

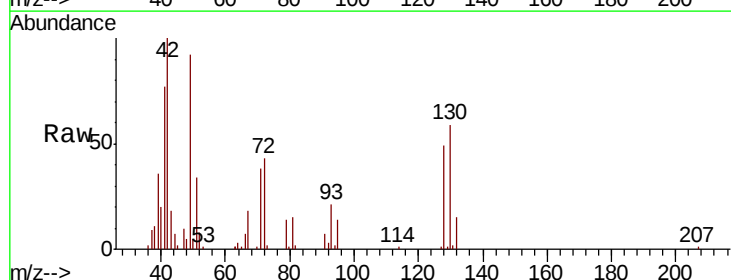


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

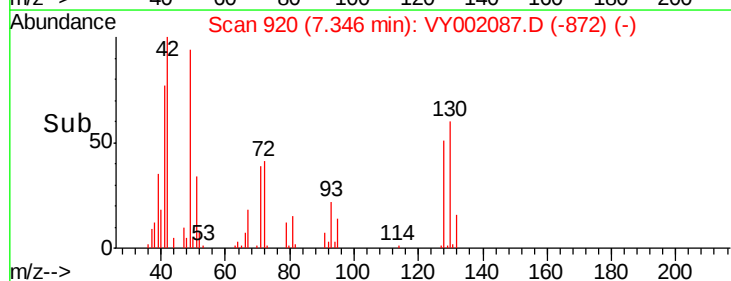
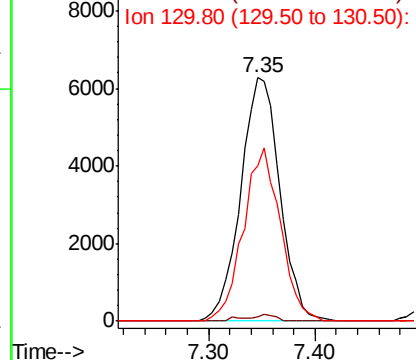


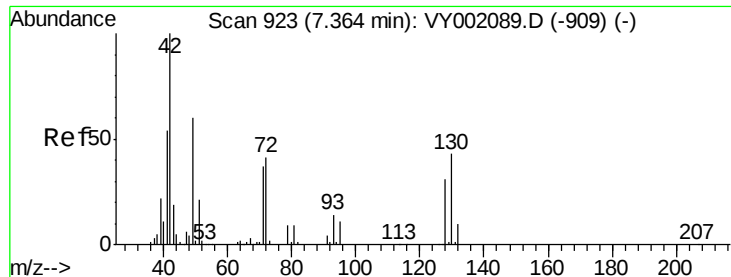
#28
 Bromochloromethane
 Concen: 9.894 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 49 Resp: 16221
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 67.2 54.1 81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

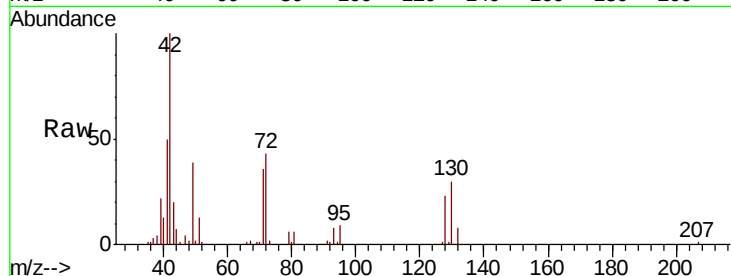




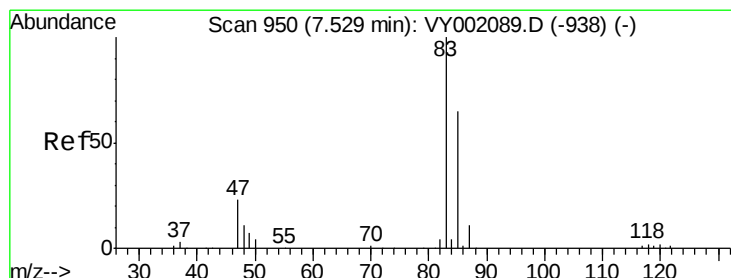
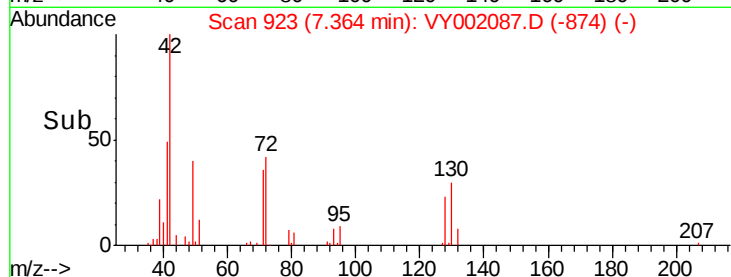
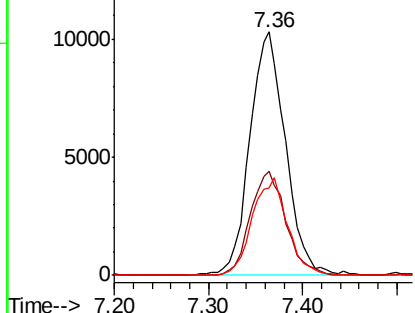
#29
Tetrahydrofuran
Concen: 53.297 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 42 Resp: 27422
Ion Ratio Lower Upper
42 100
72 42.5 33.0 49.4
71 39.3 31.2 46.8

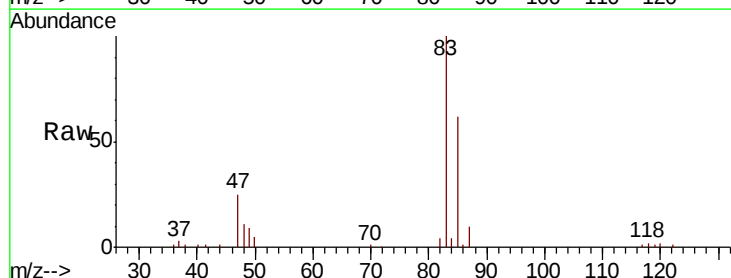


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

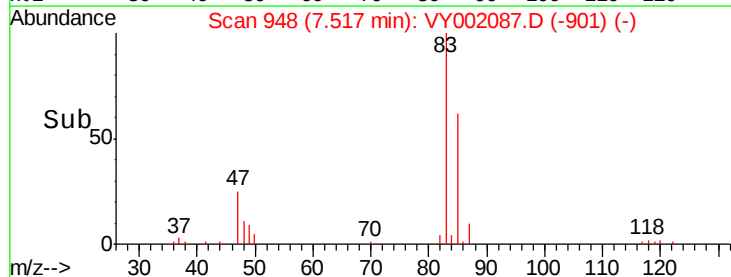
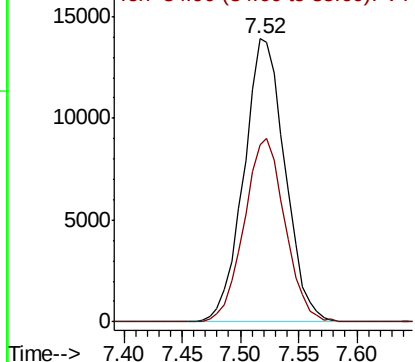


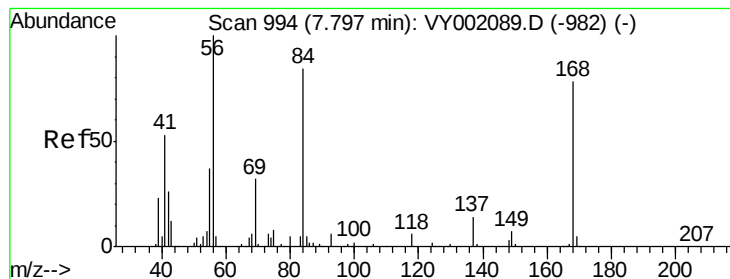
#30
Chloroform
Concen: 10.127 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 83 Resp: 34157
Ion Ratio Lower Upper
83 100
85 62.4 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: 10.540 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

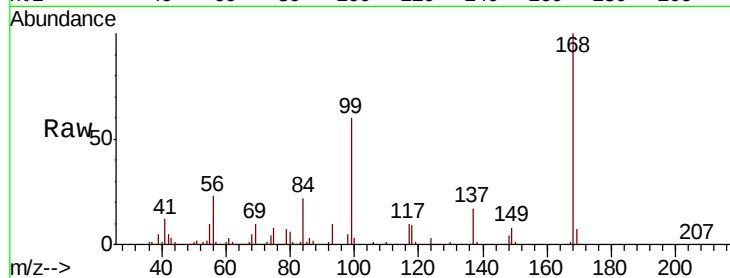
Tot Ion: 56 Resp: 40477

Ion Ratio Lower Upper

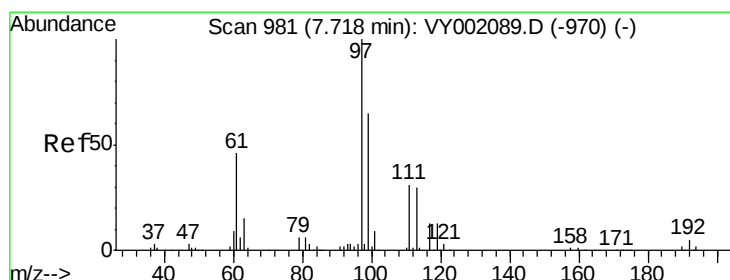
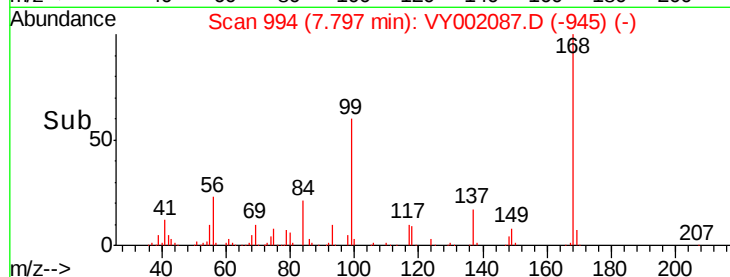
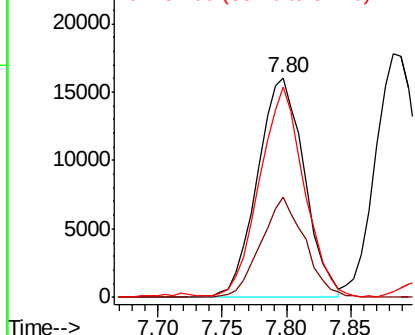
56 100

69 45.8 25.8 38.8#

84 94.6 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 10.108 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

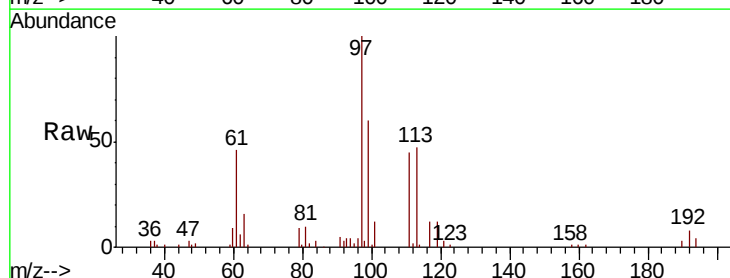
Tgt Ion: 97 Resp: 28693

Ion Ratio Lower Upper

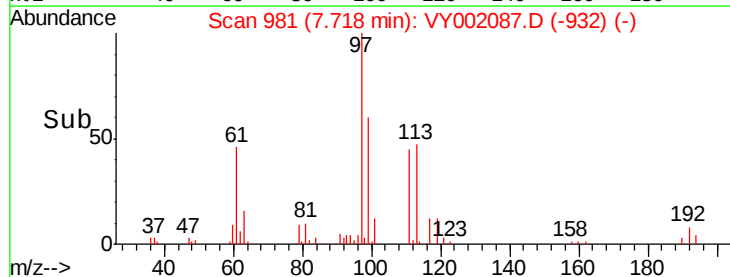
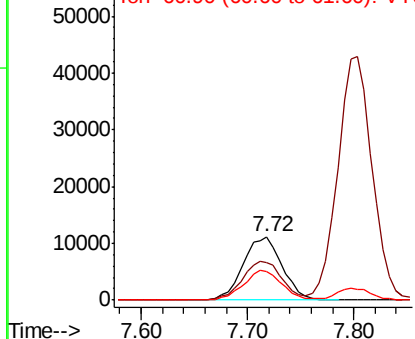
97 100

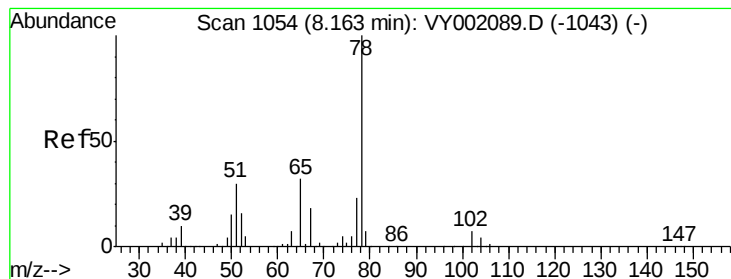
99 62.3 52.0 78.0

61 45.3 35.7 53.5



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





#33

1,2-Dichloroethane-d4

Concen: 10.056 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

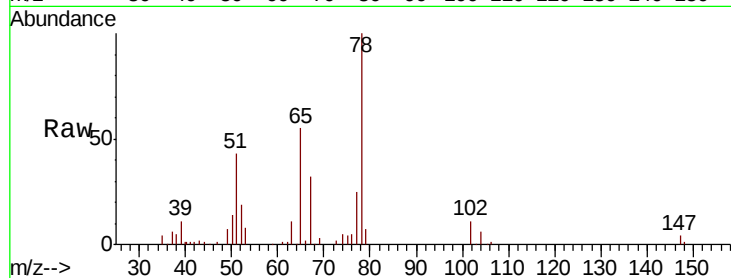
VSTDIC010

Tot Ion: 65 Resp: 17864

Ion Ratio Lower Upper

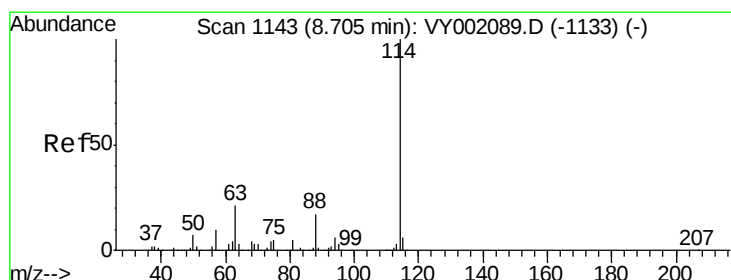
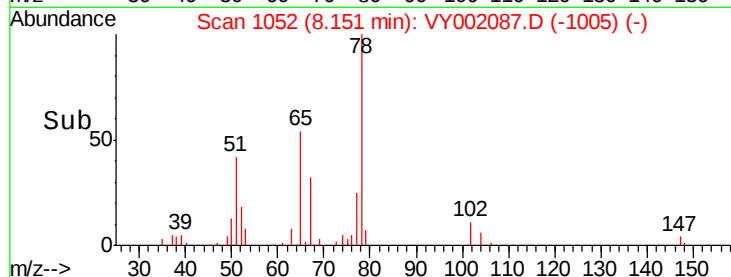
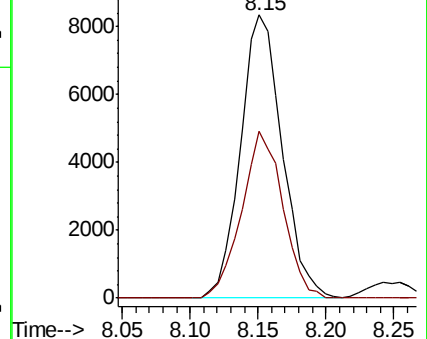
65 100

67 58.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

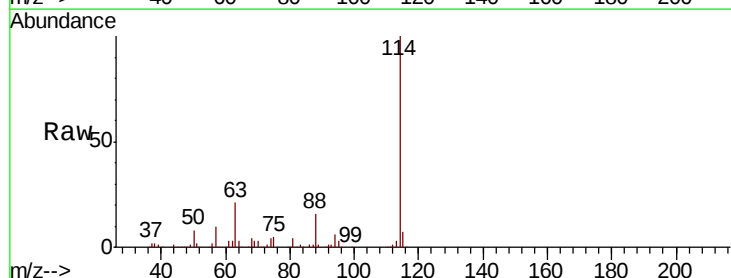
Tgt Ion: 114 Resp: 295356

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

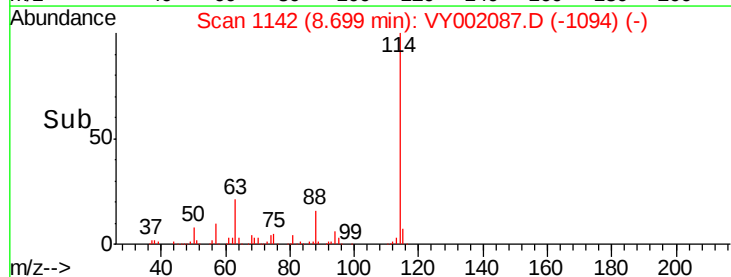
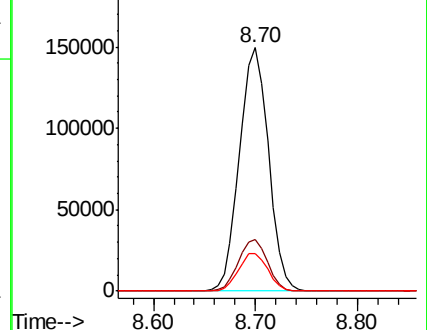
88 15.6 0.0 33.0

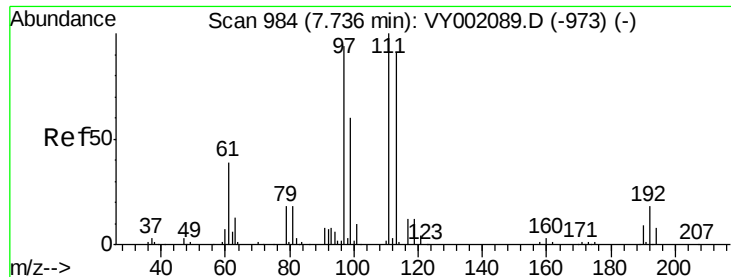


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

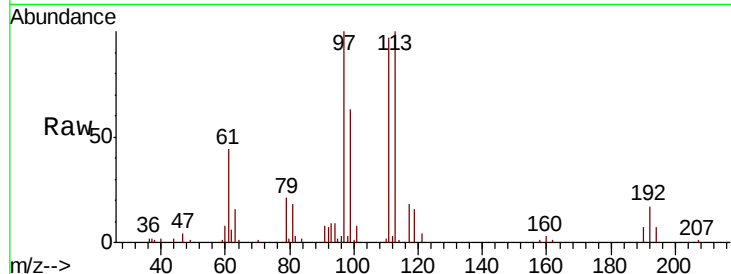




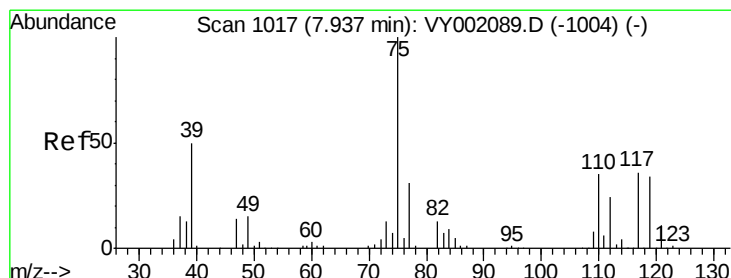
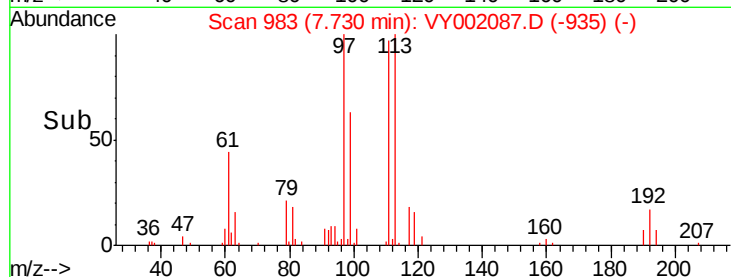
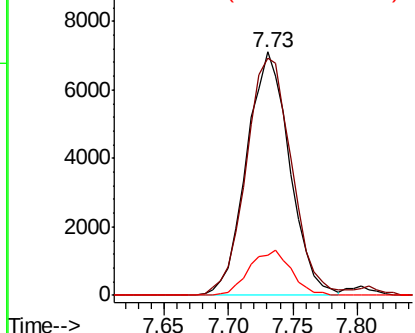
#35
 Dibromofluoromethane
 Concen: 10.144 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:113 Resp: 16454
 Ion Ratio Lower Upper
 113 100
 111 103.4 84.4 126.6
 192 18.1 14.6 21.8

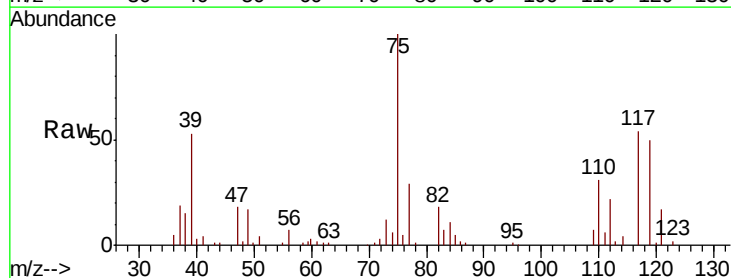


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

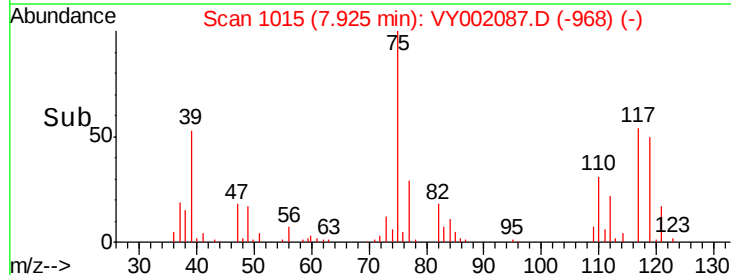
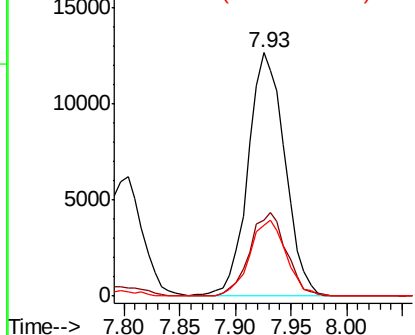


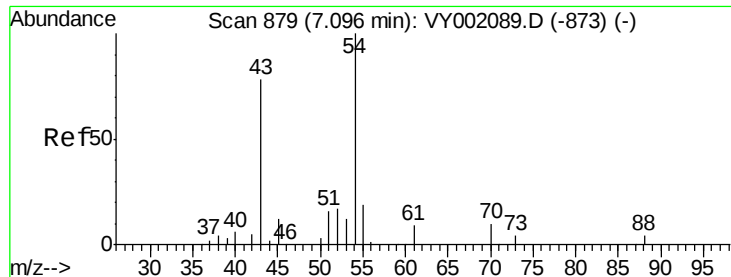
#36
 1,1-Dichloropropene
 Concen: 10.389 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 75 Resp: 29276
 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

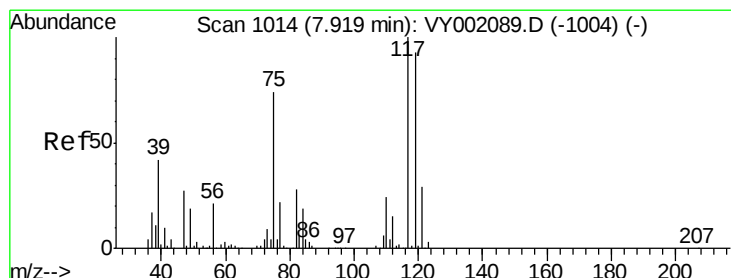
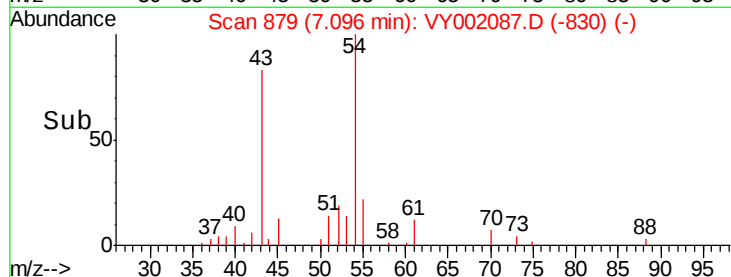
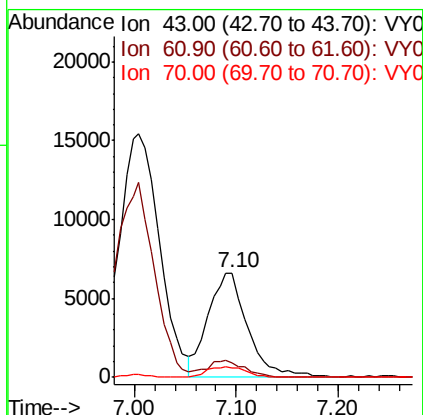
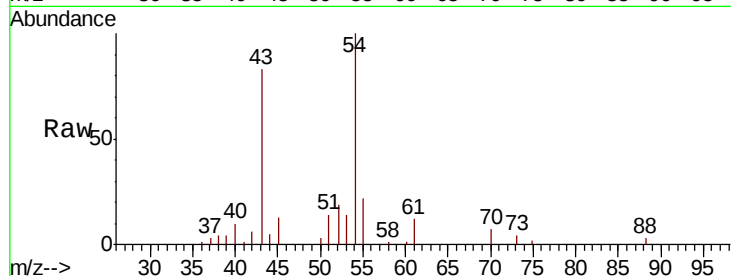




#37
Ethyl Acetate
Concen: 10.990 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

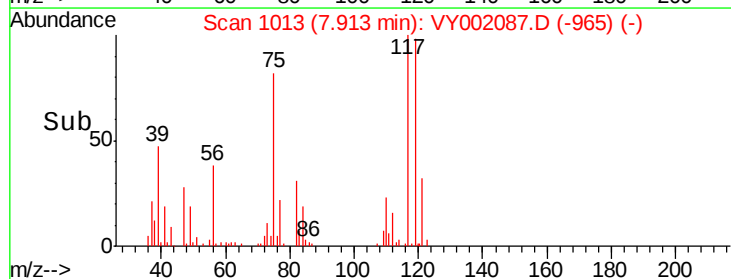
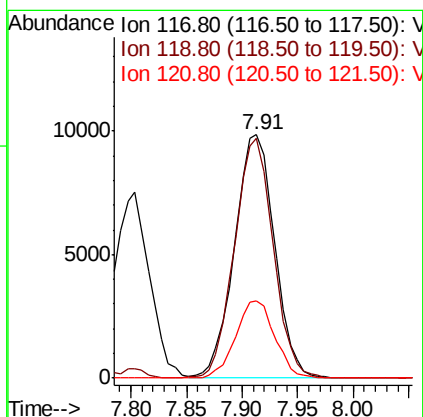
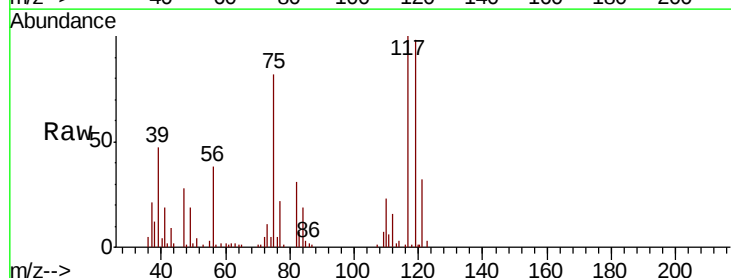
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

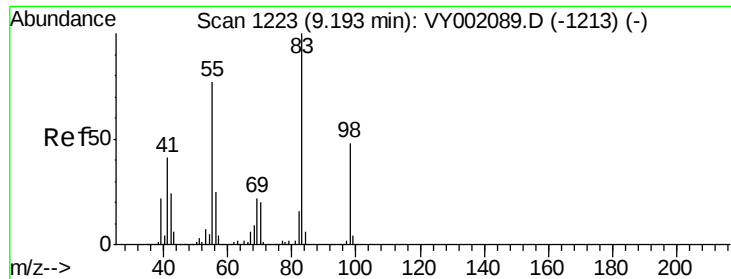
Tot Ion: 43 Resp: 17950
Ion Ratio Lower Upper
43 100
61 14.9 11.2 16.8
70 9.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 10.255 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 117 Resp: 24757
Ion Ratio Lower Upper
117 100
119 98.3 74.3 111.5
121 31.7 23.3 34.9

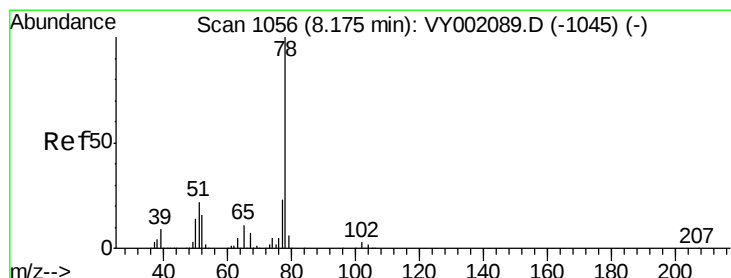
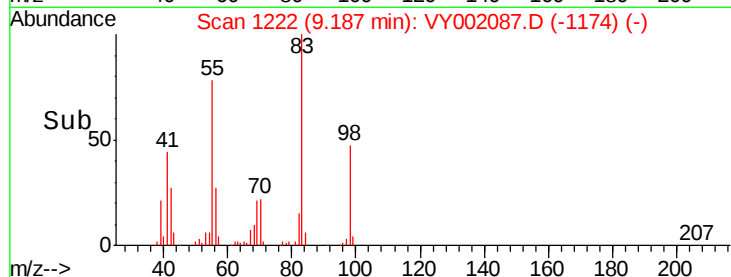
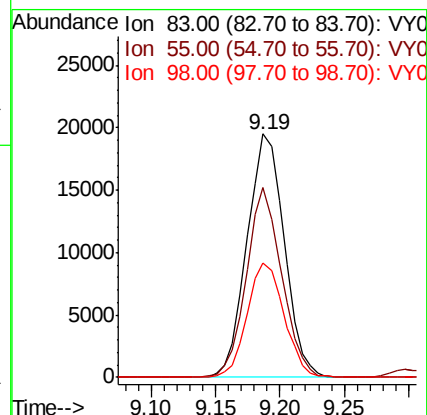
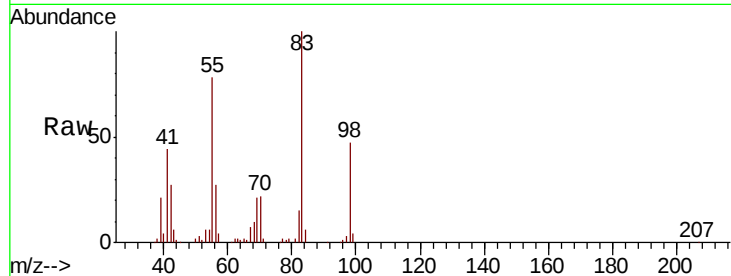




#39
Methvlcvclohexane
Concen: 10.404 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

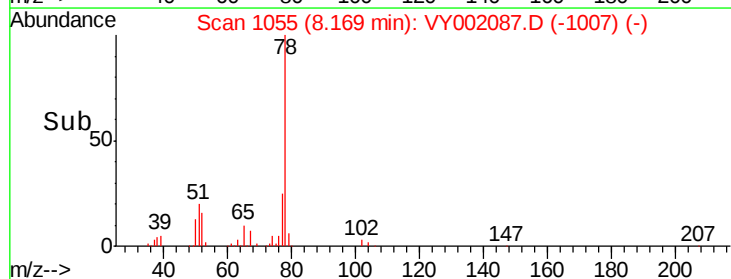
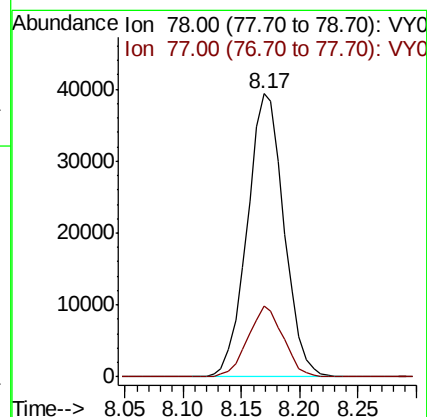
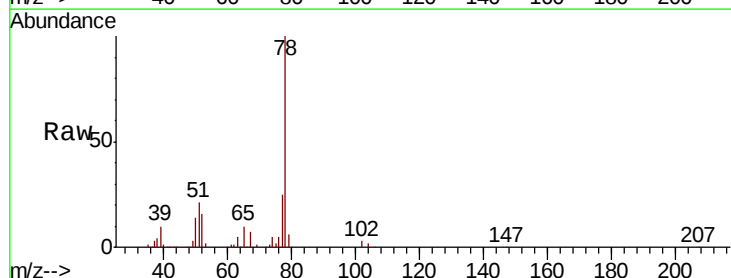
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

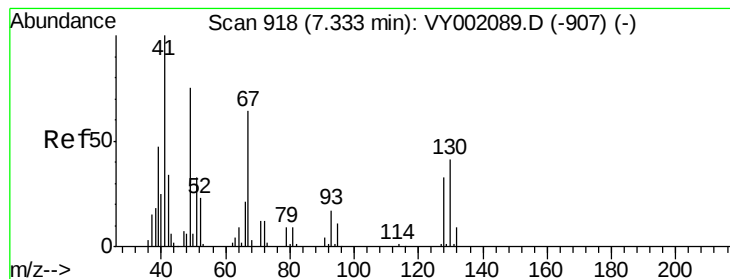
Tot Ion: 83 Resp: 38952
Ion Ratio Lower Upper
83 100
55 78.0 61.2 91.8
98 47.1 38.2 57.2



#40
Benzene
Concen: 10.353 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 78 Resp: 86605
Ion Ratio Lower Upper
78 100
77 24.9 18.2 27.4





#41

Methacrylonitrile

Concen: 32.318 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 24592

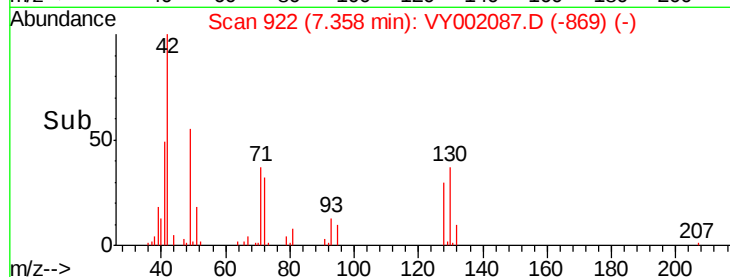
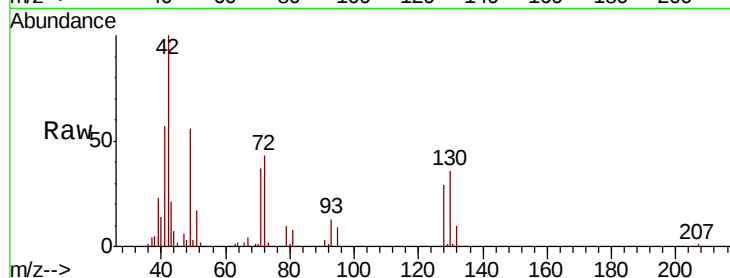
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

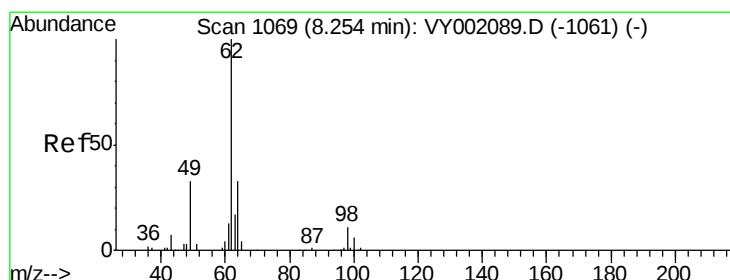
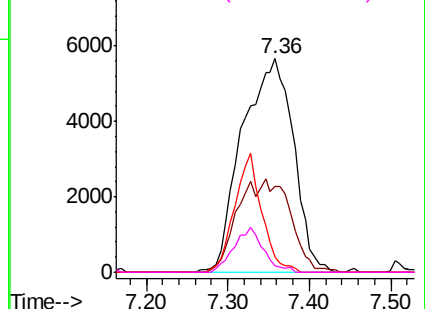


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 10.811 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002087.D

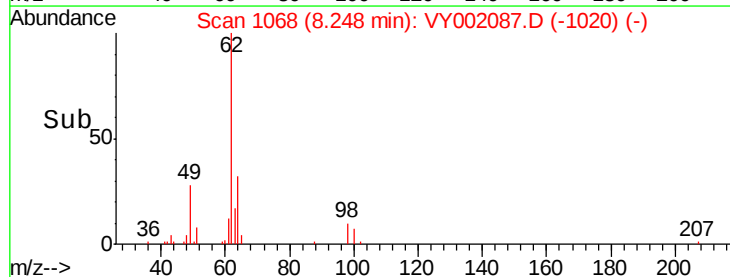
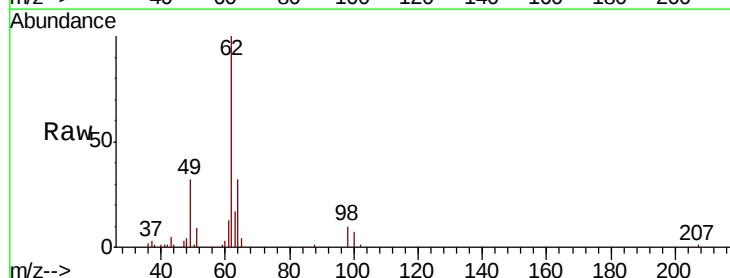
Acq: 26 Mar 2020 15:48

Tgt Ion: 62 Resp: 23333

Ion Ratio Lower Upper

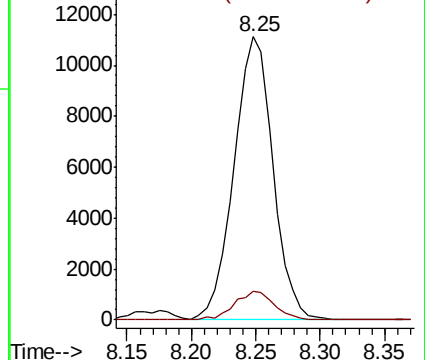
62 100

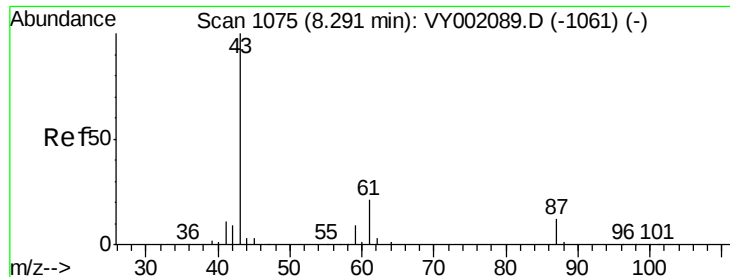
98 10.2 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 10.718 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

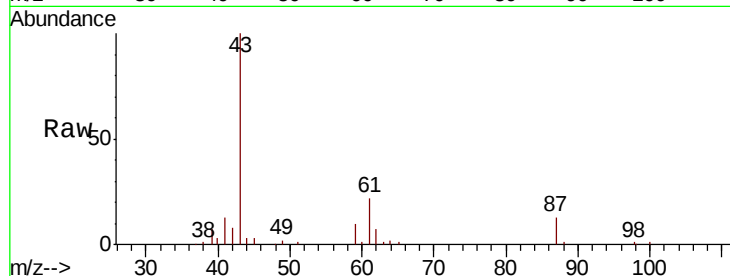
Tot Ion: 43 Resp: 33270

Ion Ratio Lower Upper

43 100

61 28.4 23.4 35.2

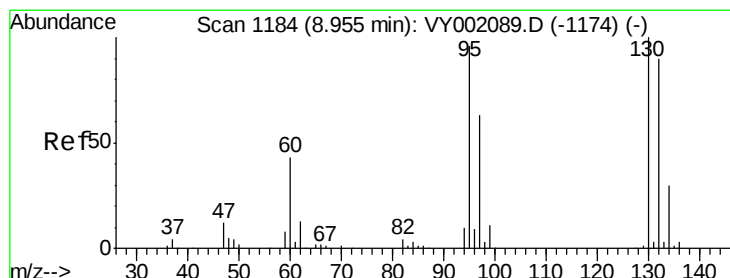
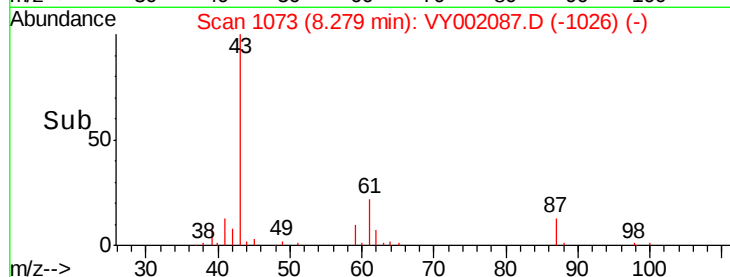
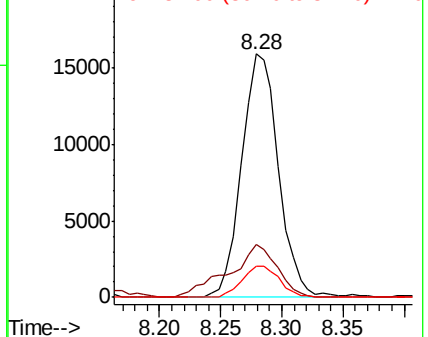
87 13.0 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002087.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002087.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002087.D (-1061) (-)



#44

Trichloroethene

Concen: 10.204 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002087.D

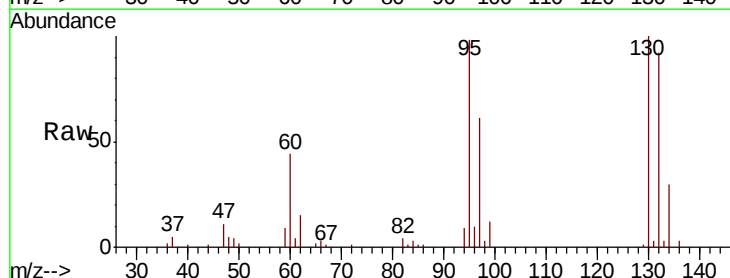
Acq: 26 Mar 2020 15:48

Tgt Ion:130 Resp: 20813

Ion Ratio Lower Upper

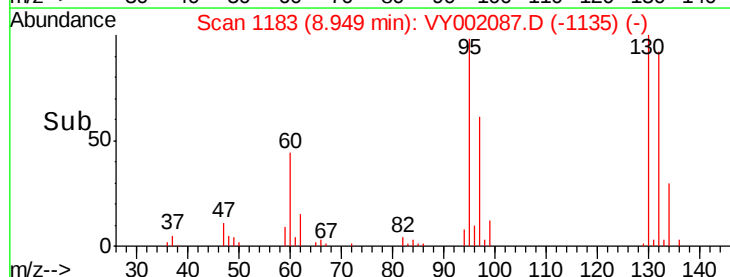
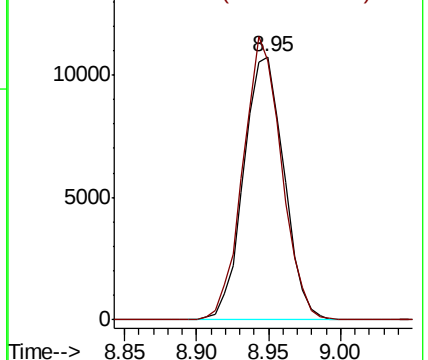
130 100

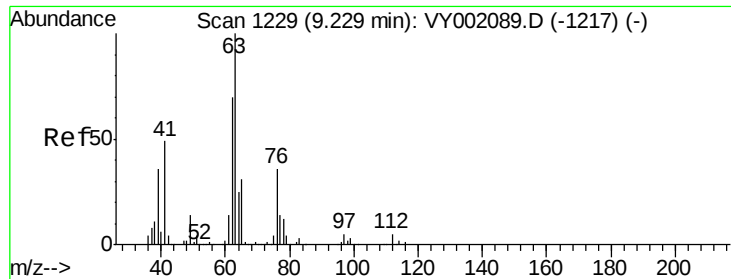
95 98.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002087.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002087.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 10.363 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

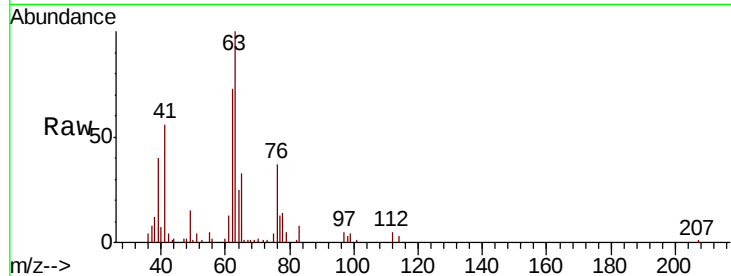
VSTDIC010

Tot Ion: 63 Resp: 21841

Ion Ratio Lower Upper

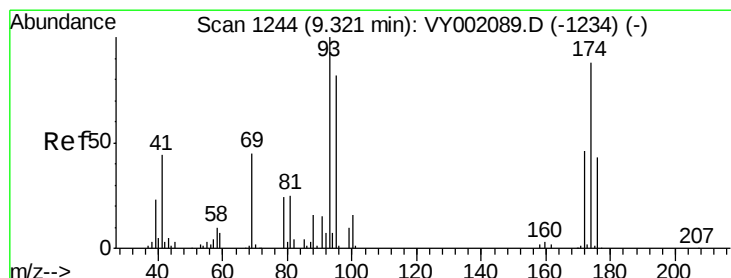
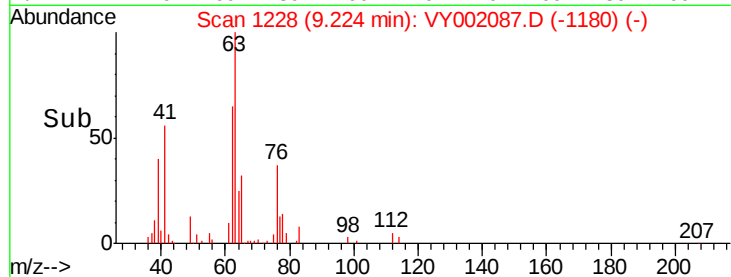
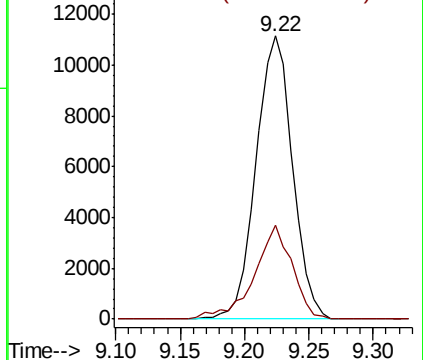
63 100

65 33.2 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: 10.223 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

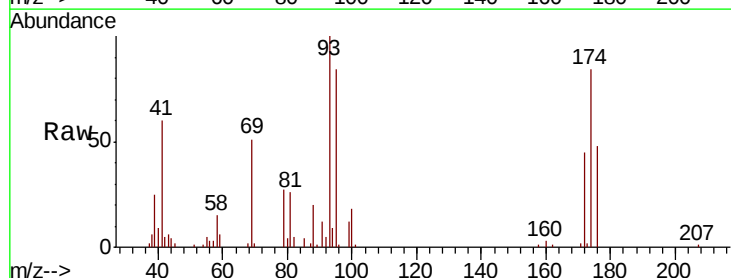
Tgt Ion: 93 Resp: 11102

Ion Ratio Lower Upper

93 100

95 83.4 66.0 99.0

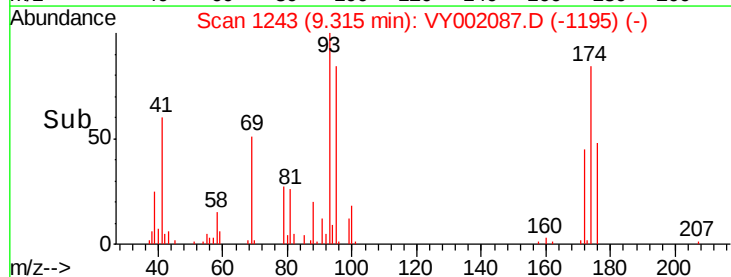
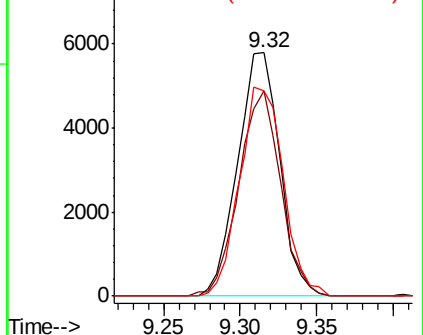
174 88.9 69.8 104.8

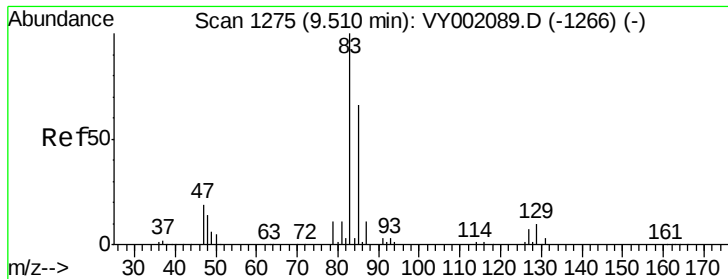


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 9.963 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

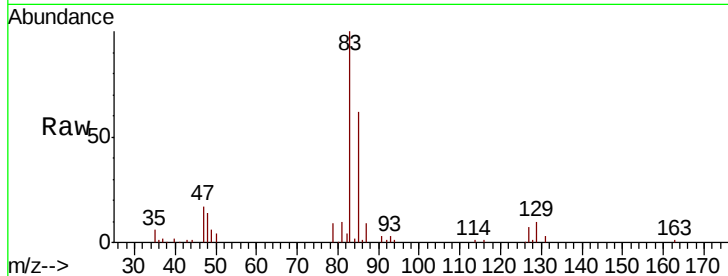
Tot Ion: 83 Resp: 25198

Ion Ratio Lower Upper

83 100

85 62.4 52.6 79.0

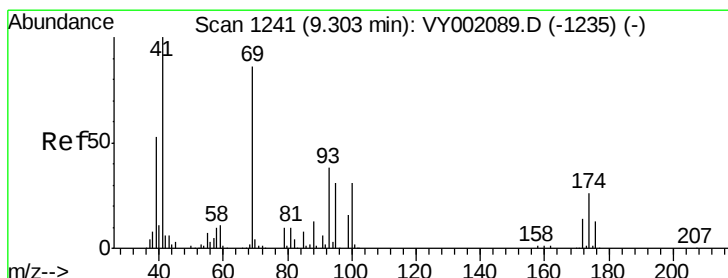
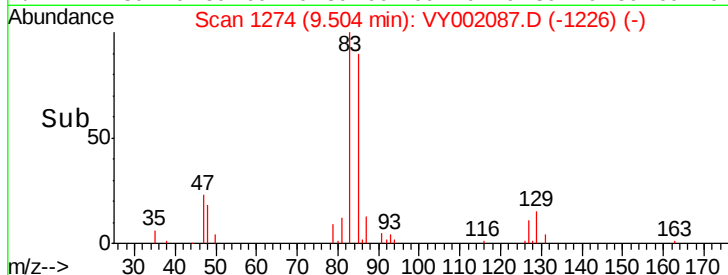
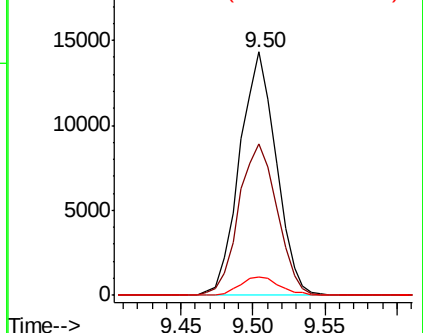
127 7.3 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY002089.D (-1266) (-)

Ion 84.90 (84.60 to 85.60): VY002089.D (-1266) (-)

Ion 126.80 (126.50 to 127.50): VY002089.D (-1266) (-)



#48

Methyl methacrylate

Concen: 10.918 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

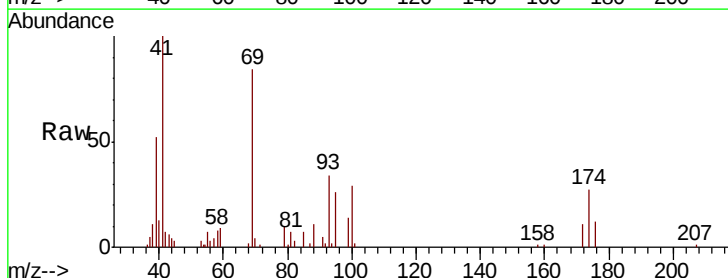
Tgt Ion: 41 Resp: 14928

Ion Ratio Lower Upper

41 100

69 88.3 71.4 107.0

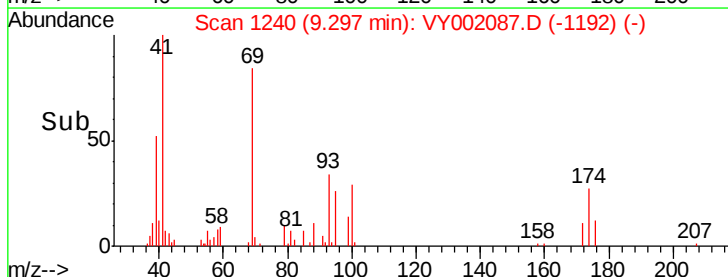
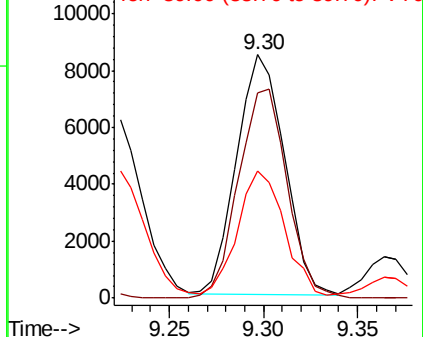
39 52.6 41.0 61.4

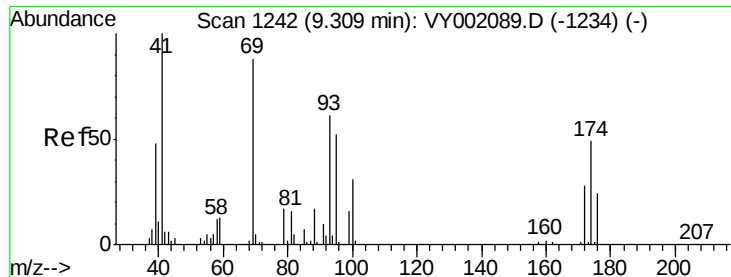


Abundance Ion 41.00 (40.70 to 41.70): VY002089.D (-1235) (-)

Ion 69.00 (68.70 to 69.70): VY002089.D (-1235) (-)

Ion 39.00 (38.70 to 39.70): VY002089.D (-1235) (-)

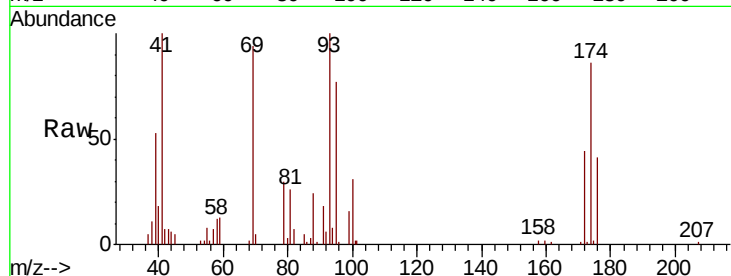




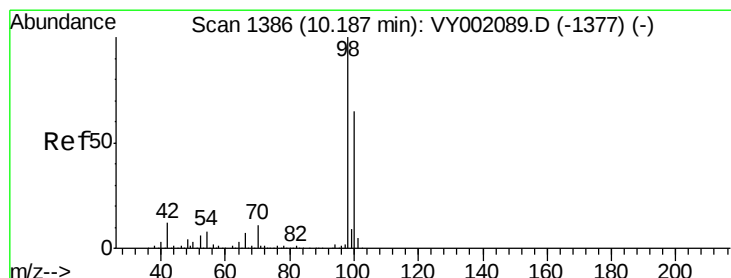
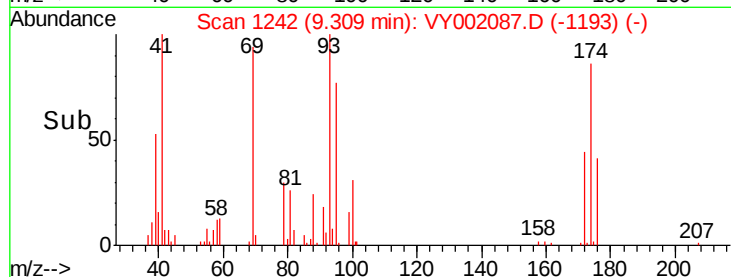
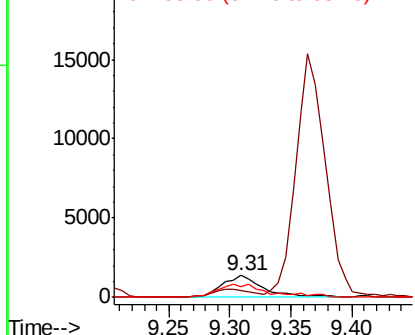
#49
1,4-Dioxane
Concen: 213.064 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 3158
Ion Ratio Lower Upper
88 100
43 36.7 27.2 40.8
58 75.5 59.8 89.8

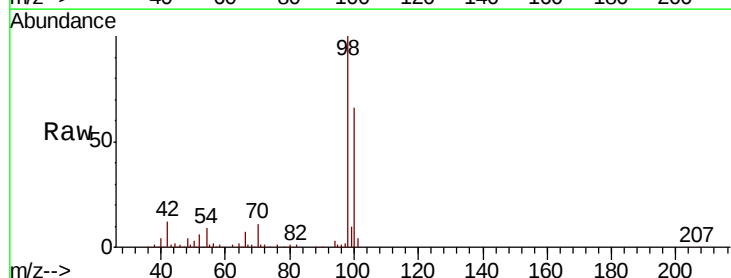


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

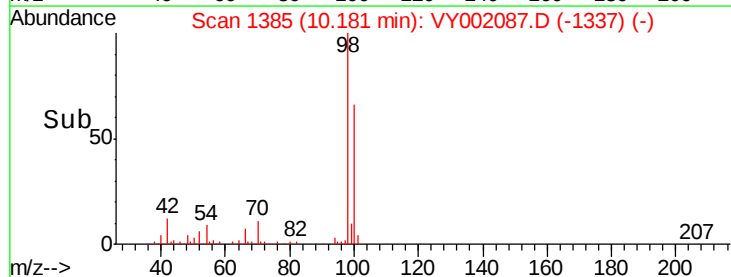
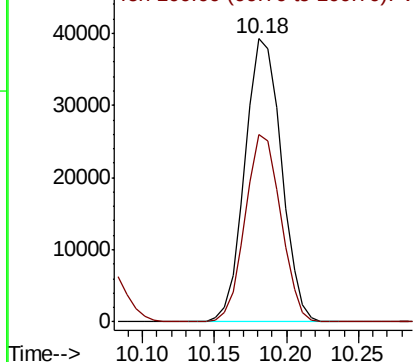


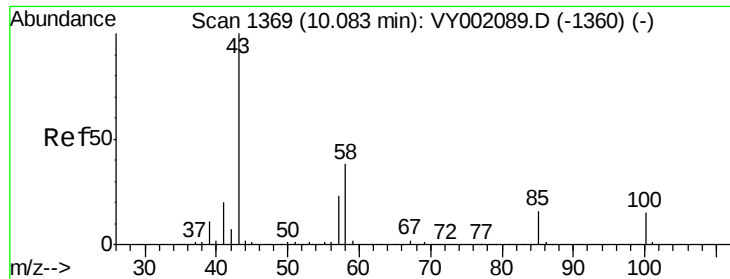
#50
Toluene-d8
Concen: 10.041 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 98 Resp: 68734
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 54.250 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

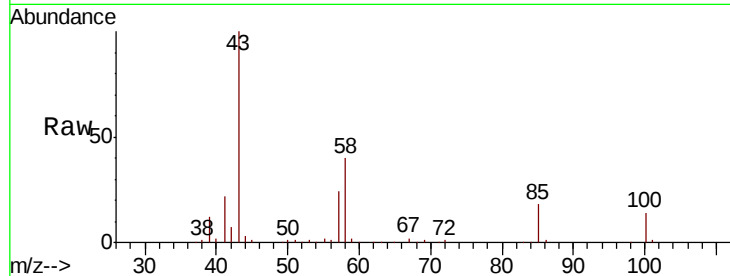
VSTDIC010

Tot Ion: 43 Resp: 86694

Ion Ratio Lower Upper

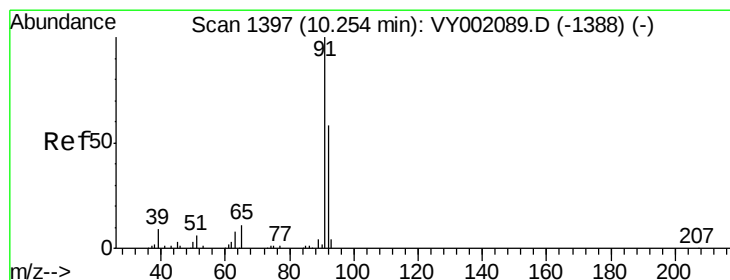
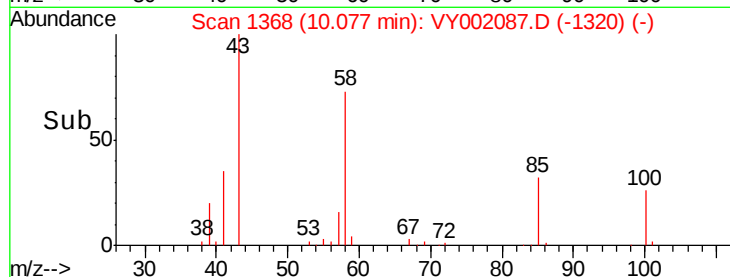
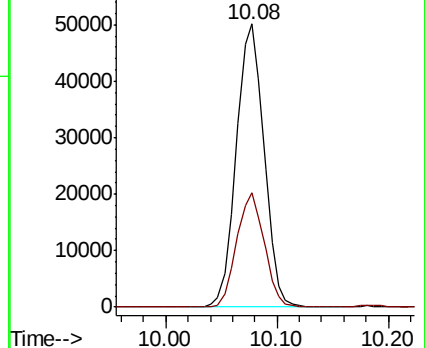
43 100

58 40.0 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)



#52

Toluene

Concen: 10.112 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002087.D

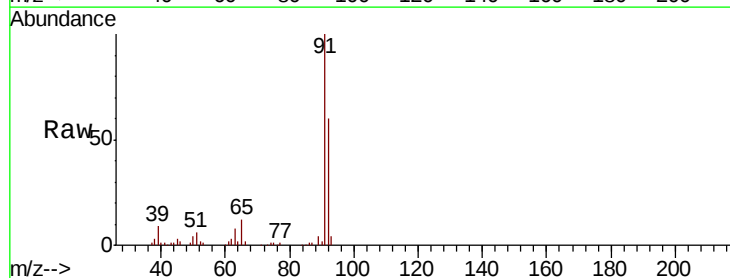
Acq: 26 Mar 2020 15:48

Tgt Ion: 92 Resp: 51358

Ion Ratio Lower Upper

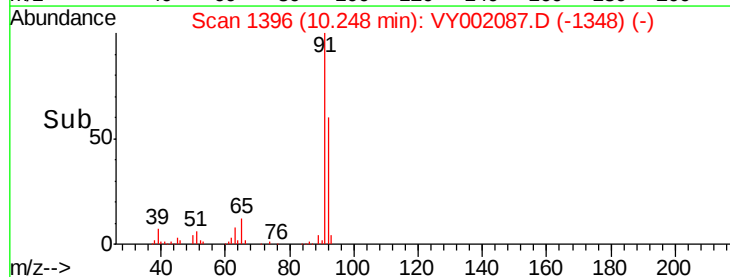
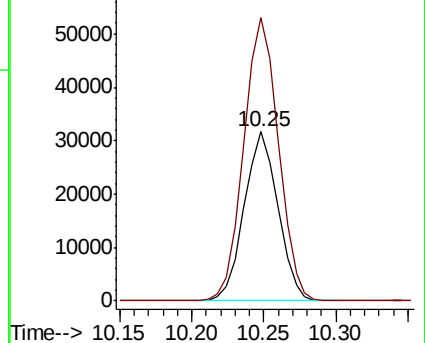
92 100

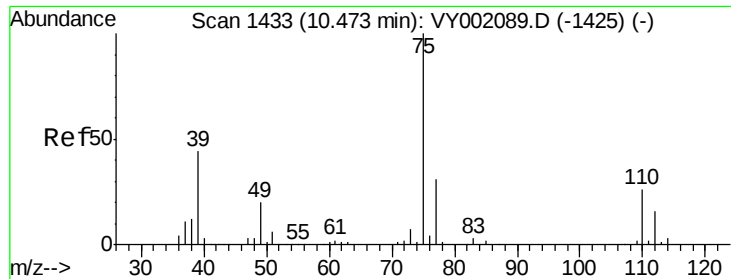
91 171.8 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002089.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY002089.D (-1388) (-)





#53

t-1,3-Dichloropropene

Concen: 10.239 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

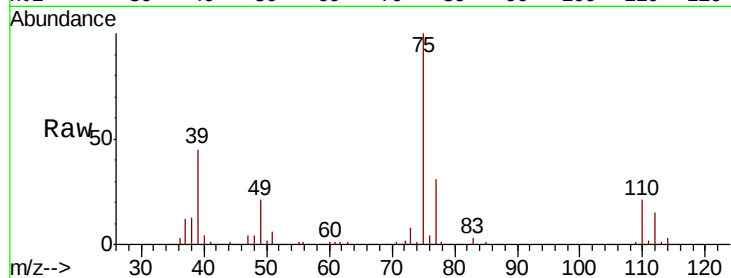
VSTDIC010

Tot Ion: 75 Resp: 28187

Ion Ratio Lower Upper

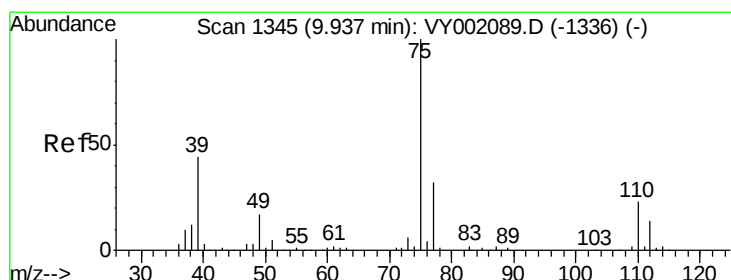
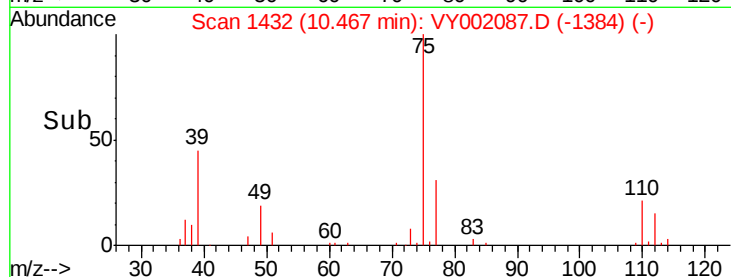
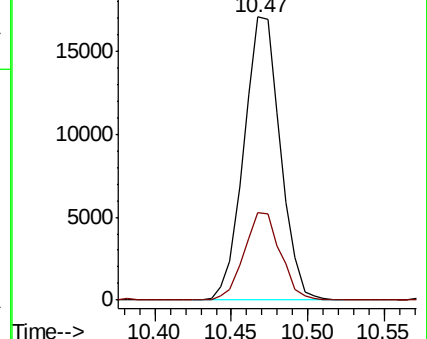
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 10.331 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

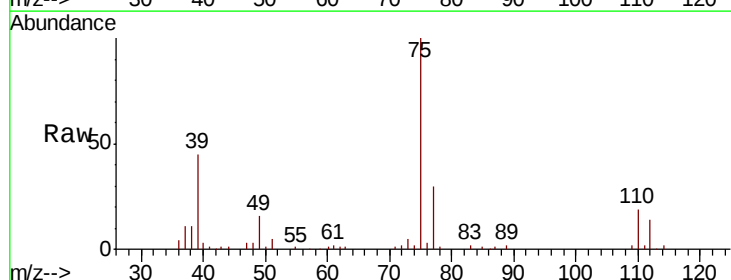
Tgt Ion: 75 Resp: 33857

Ion Ratio Lower Upper

75 100

77 29.8 25.6 38.4

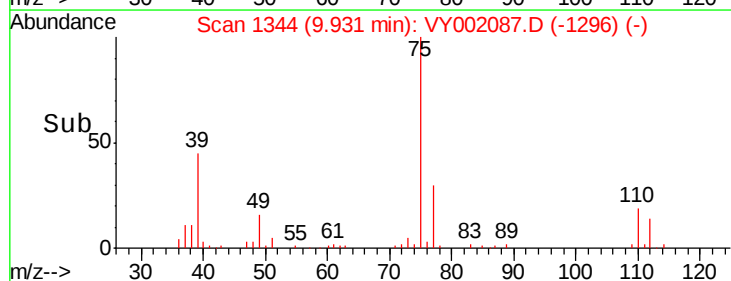
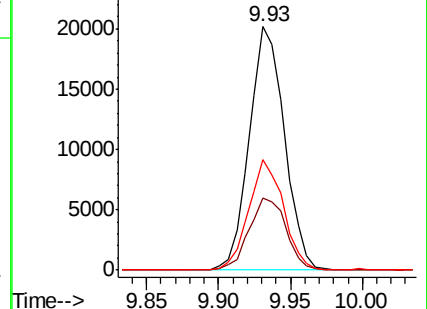
39 45.1 35.2 52.8

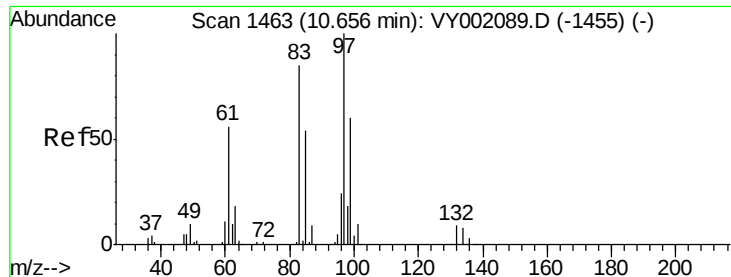


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

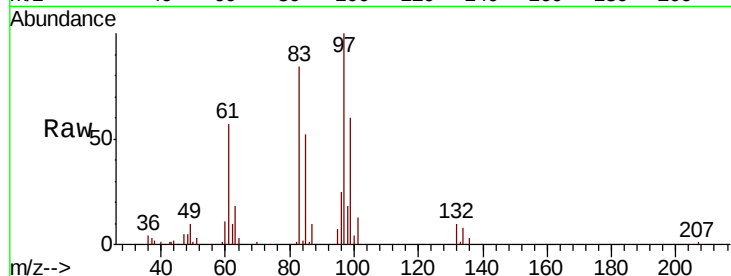




#55
 1,1,2-Trichloroethane
 Concen: 10.353 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

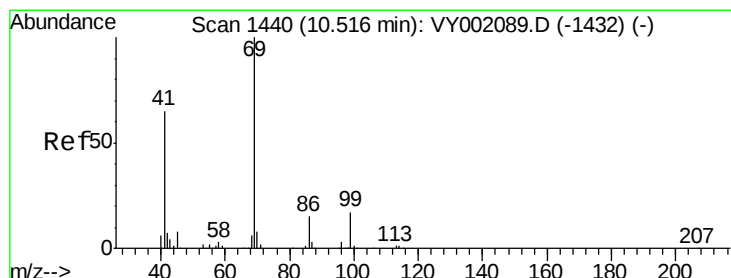
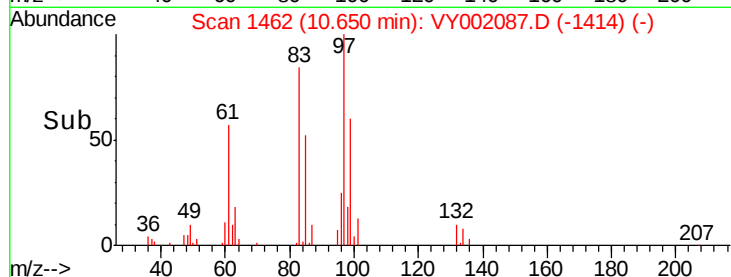
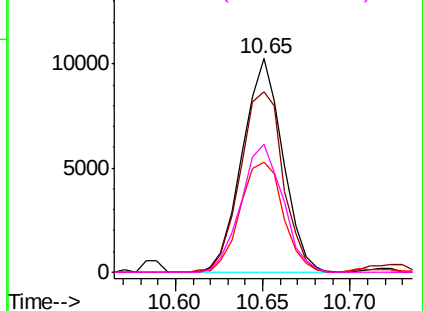
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 97 Resp: 16486
 Ion Ratio Lower Upper
 97 100
 83 84.3 68.2 102.2
 85 51.7 42.9 64.3
 99 60.1 47.9 71.9



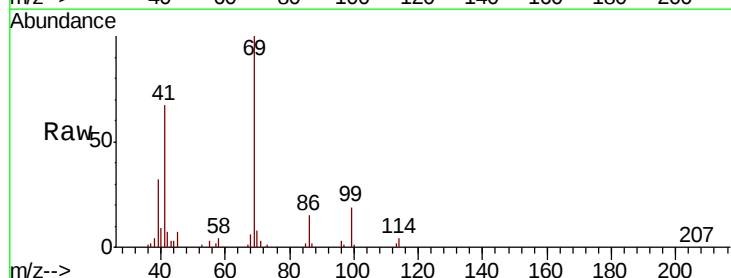
Abundance

Ion 96.90 (96.60 to 97.60): VY0



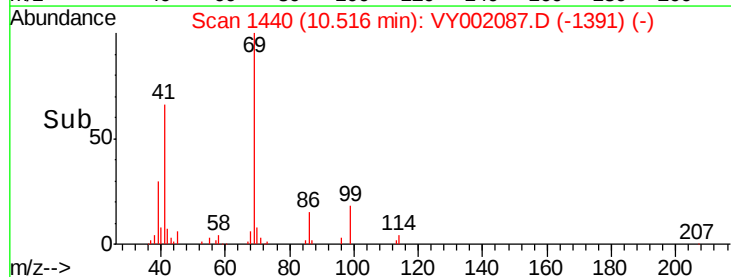
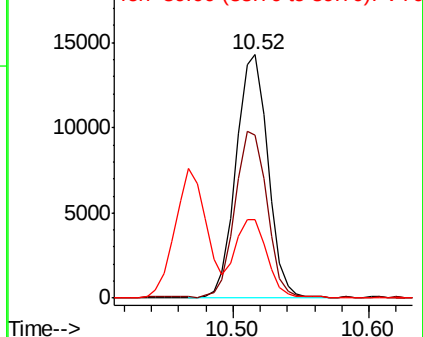
#56
 Ethyl methacrylate
 Concen: 10.109 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

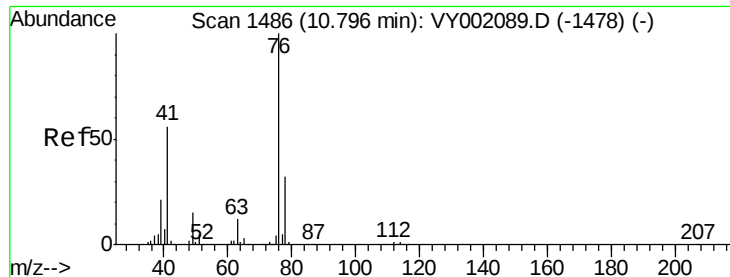
Tgt Ion: 69 Resp: 23416
 Ion Ratio Lower Upper
 69 100
 41 68.9 52.8 79.2
 39 31.4 25.0 37.6



Abundance

Ion 69.00 (68.70 to 69.70): VY0

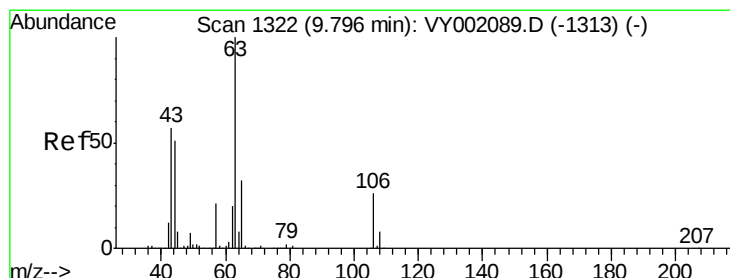
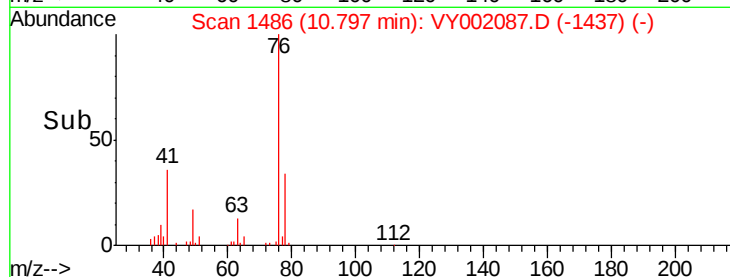
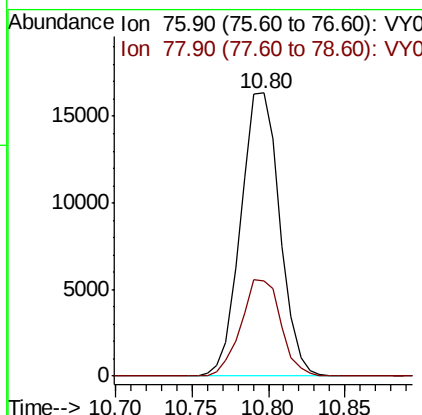
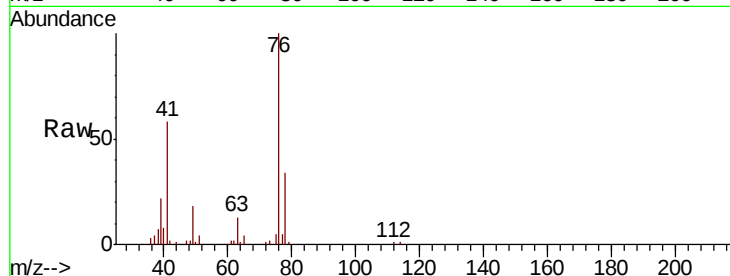




#57
 1,3-Dichloropropane
 Concen: 10.207 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

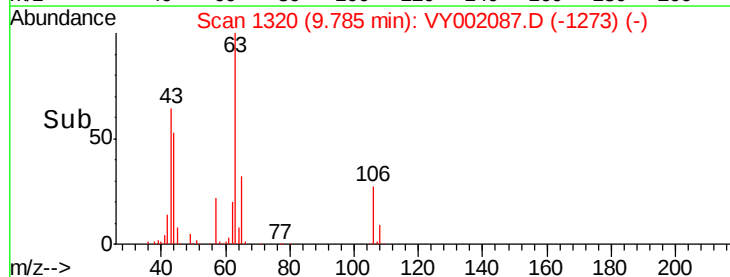
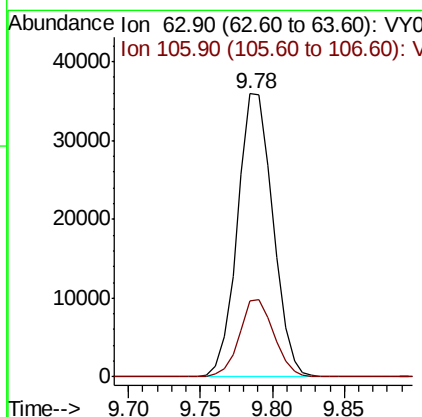
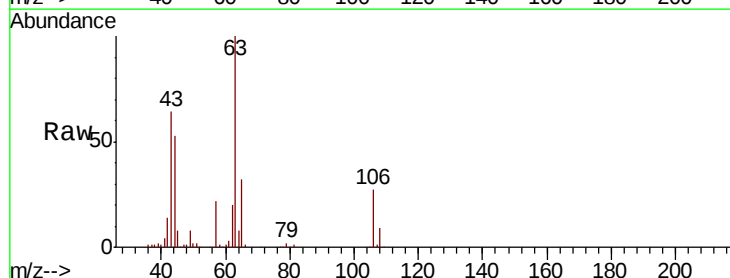
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

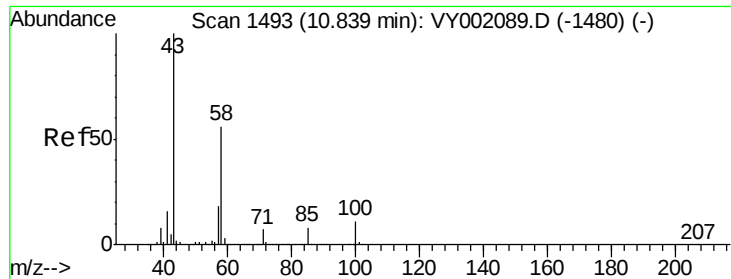
Tot Ion: 76 Resp: 28940
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 62.173 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 63 Resp: 61405
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.4

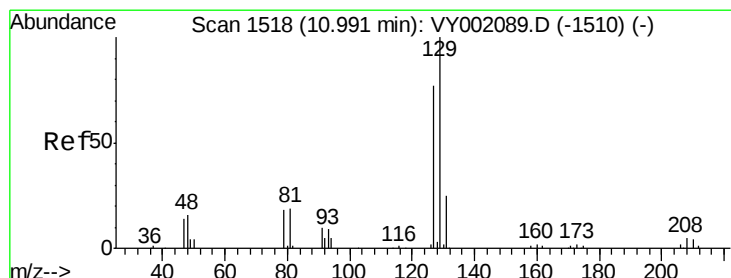
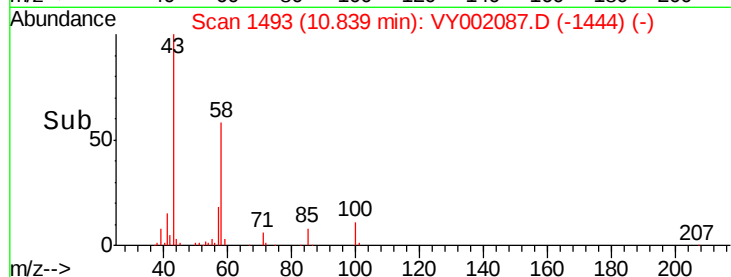
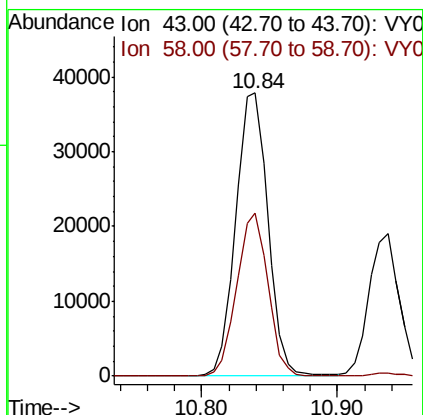
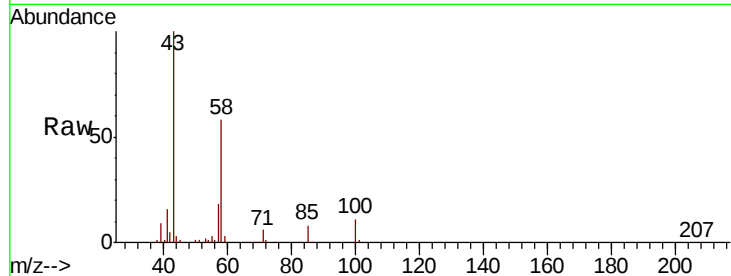




#59
2-Hexanone
Concen: 55.070 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

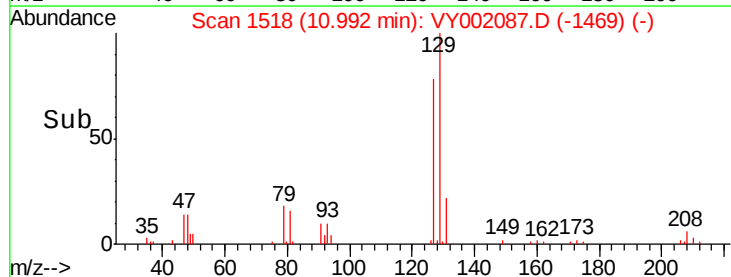
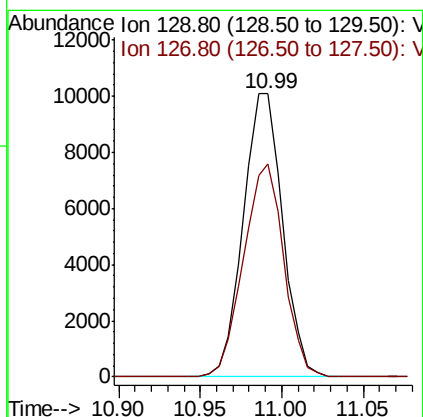
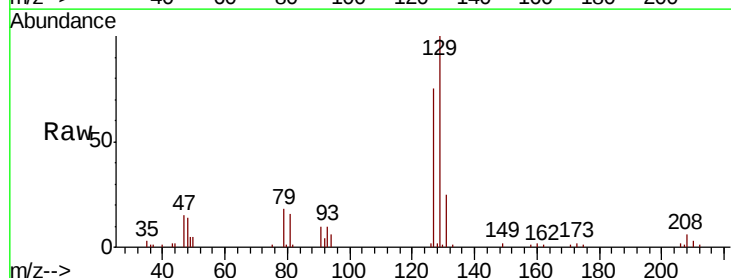
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

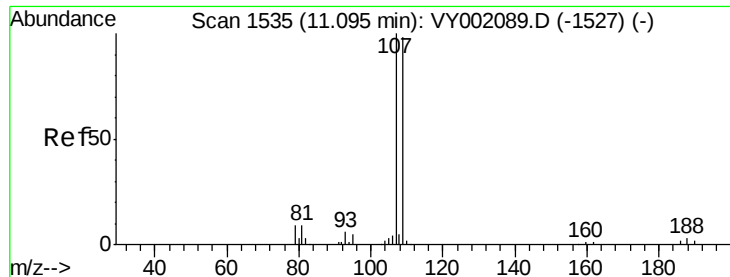
Tot Ion: 43 Resp: 62654
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 10.176 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 129 Resp: 16996
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

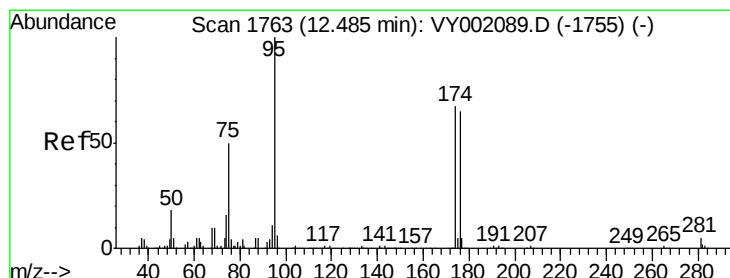
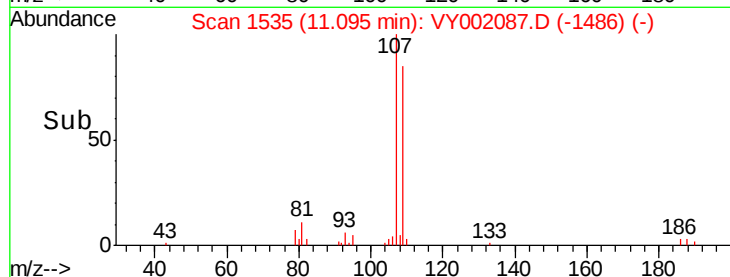
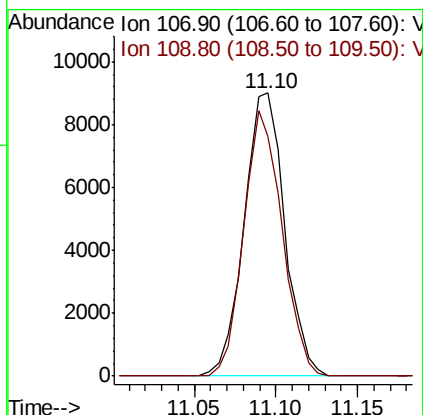
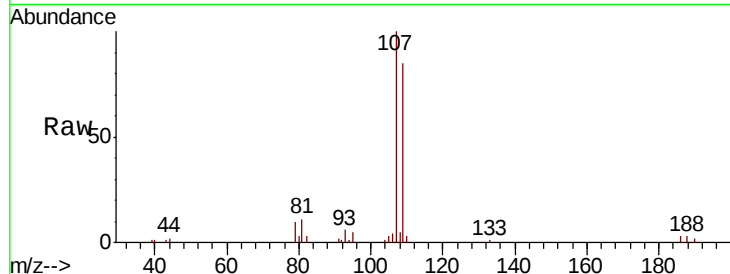




#61
 1,2-Dibromoethane
 Concen: 10.324 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

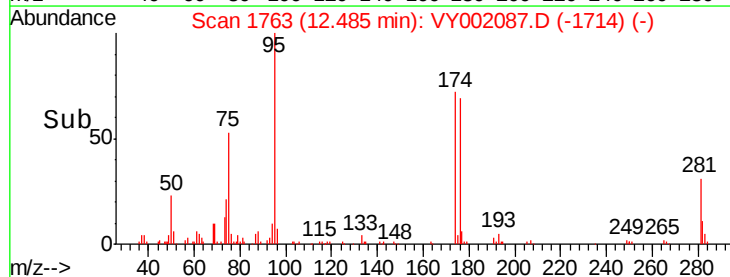
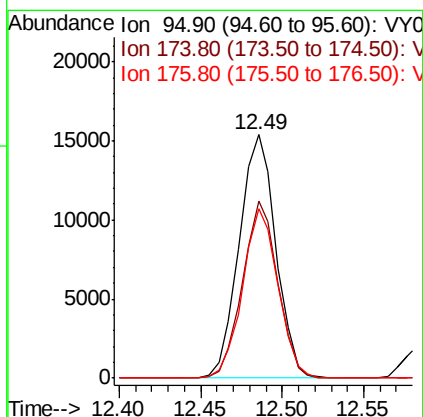
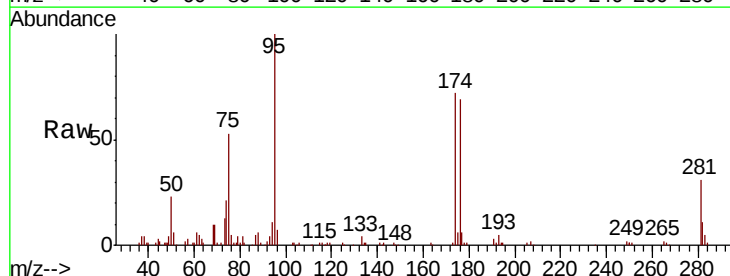
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

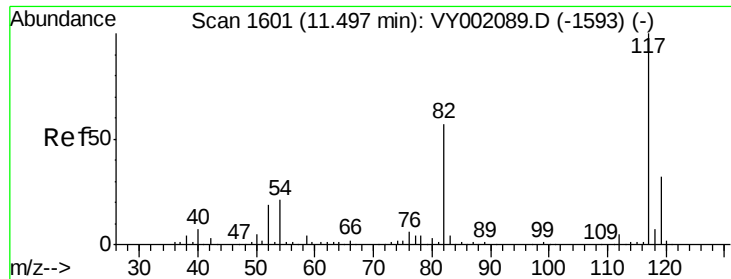
Tot Ion:107 Resp: 15532
 Ion Ratio Lower Upper
 107 100
 109 88.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 10.081 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 95 Resp: 24052
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 143.4
 176 67.1 0.0 137.0

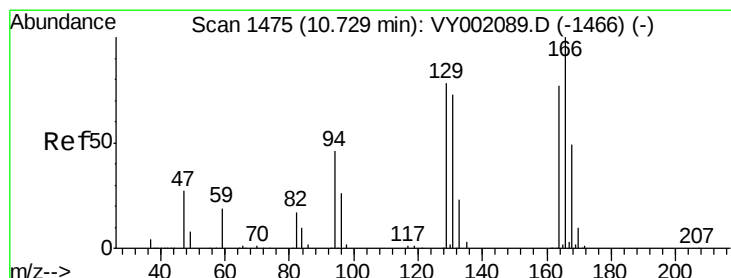
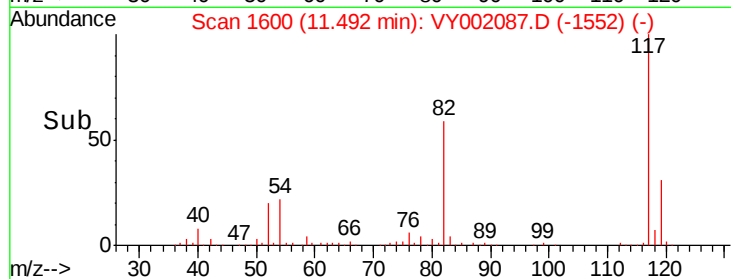
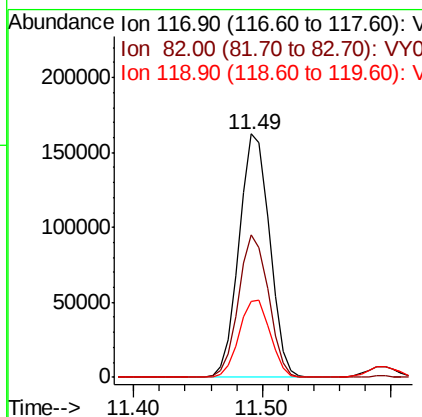
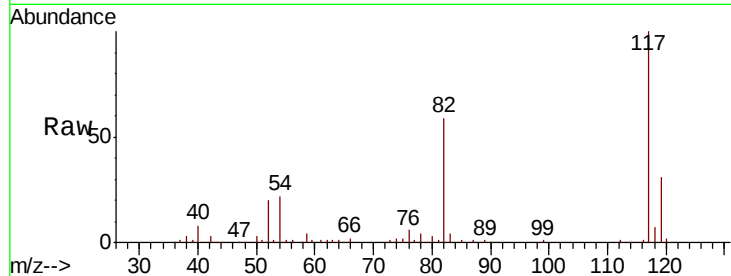




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

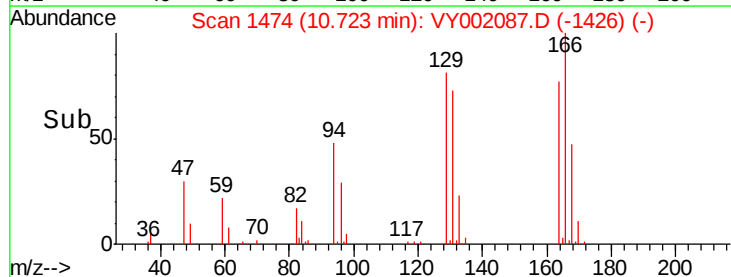
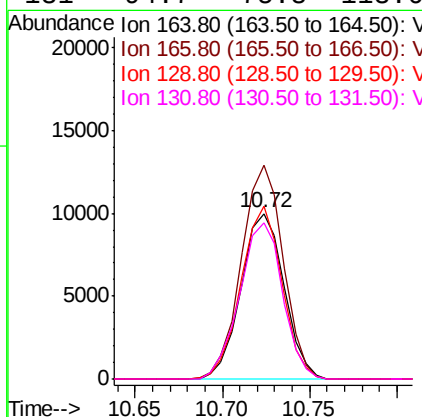
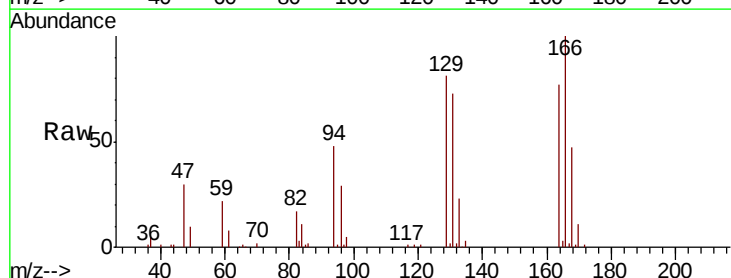
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

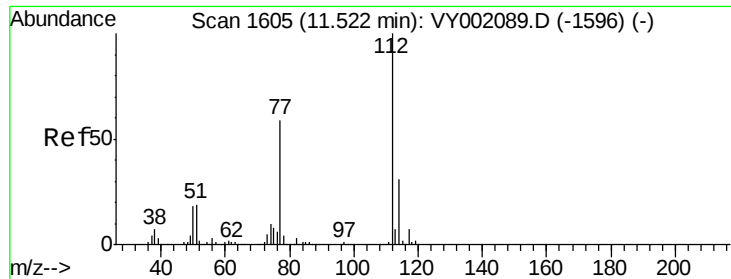
Tot Ion:117 Resp: 266289
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 10.247 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion:164 Resp: 17042
Ion Ratio Lower Upper
164 100
166 129.3 104.0 156.0
129 104.8 81.2 121.8
131 94.7 75.8 113.6

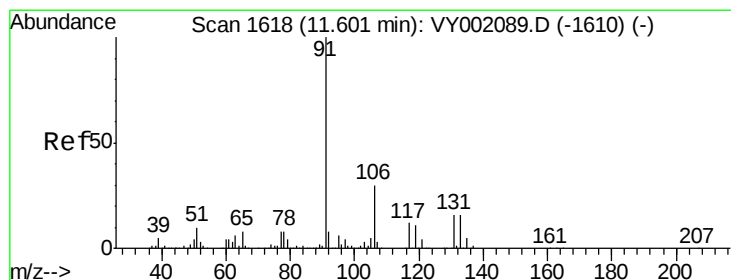
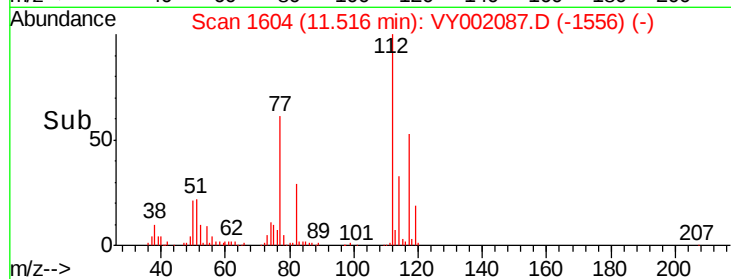
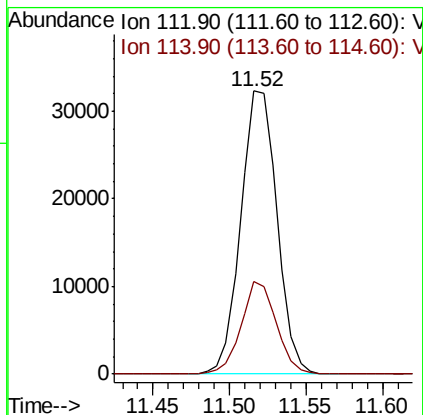
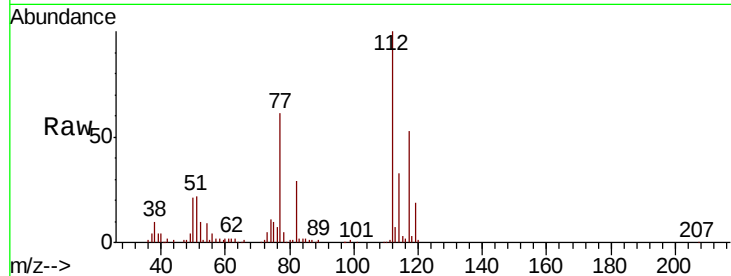




#65
Chlorobenzene
Concen: 10.126 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

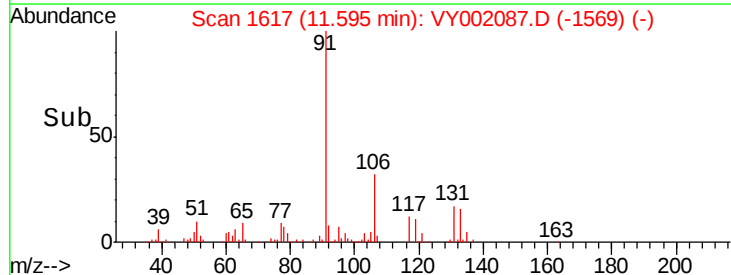
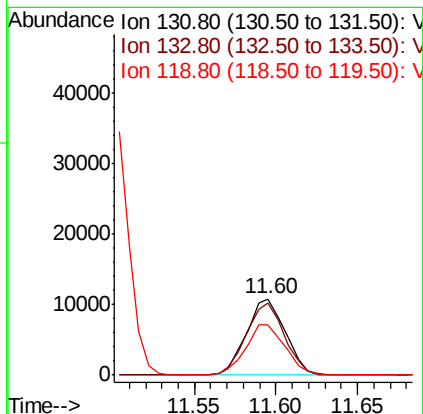
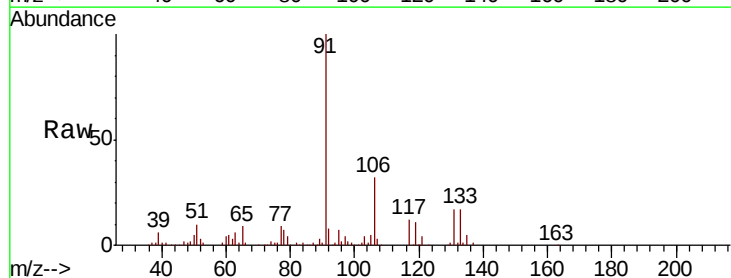
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

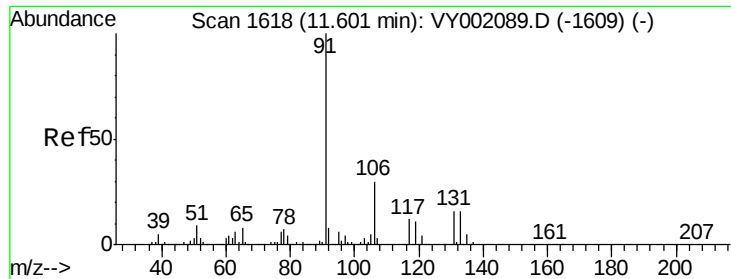
Tot Ion:112 Resp: 53179
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.434 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion:131 Resp: 17999
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 67.1 34.6 103.9

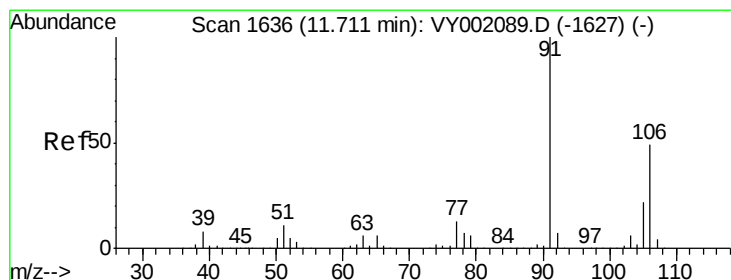
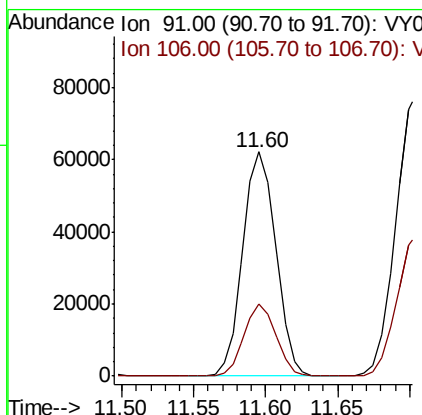
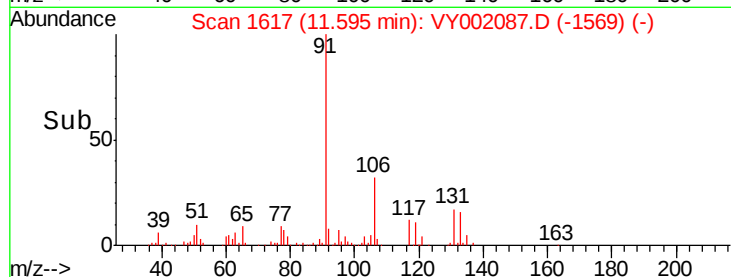
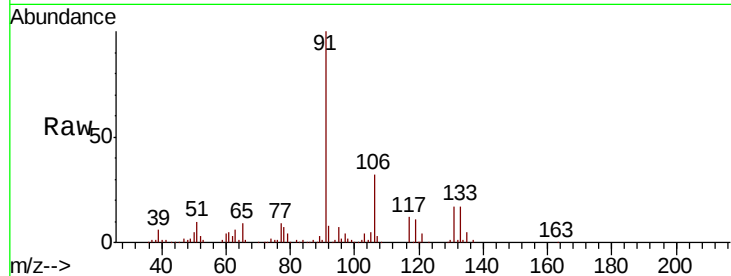




#67
Ethyl Benzene
Concen: 10.095 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

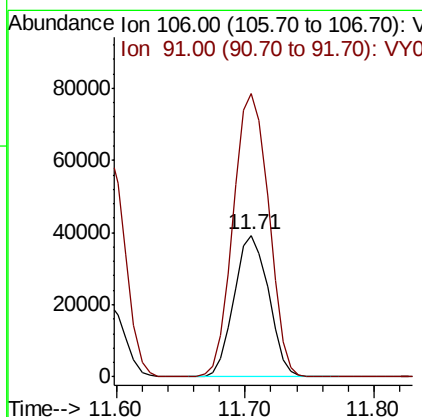
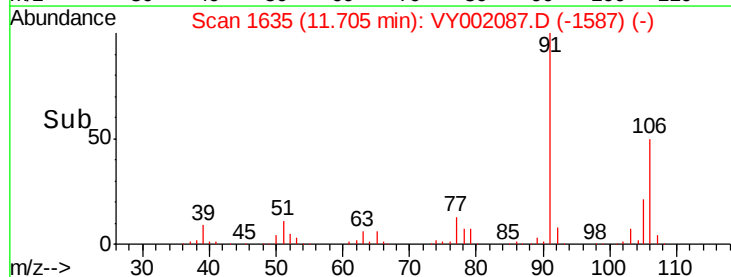
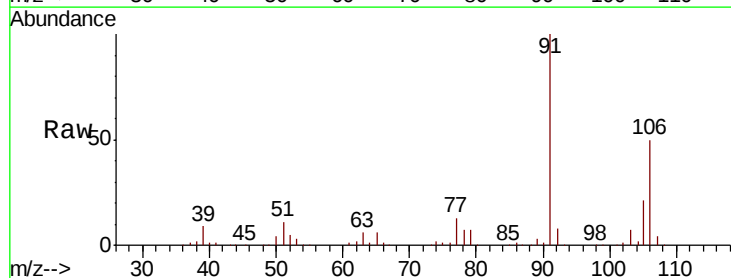
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

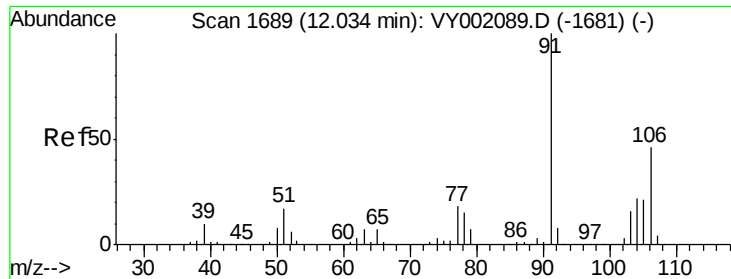
Tot Ion: 91 Resp: 99040
Ion Ratio Lower Upper
91 100
106 32.3 24.1 36.1



#68
m/p-Xylenes
Concen: 20.118 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion: 106 Resp: 72842
Ion Ratio Lower Upper
106 100
91 206.2 162.8 244.2

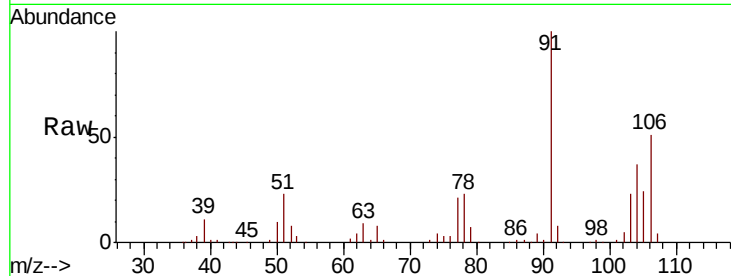




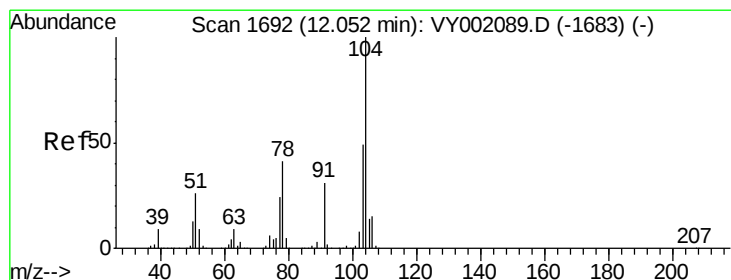
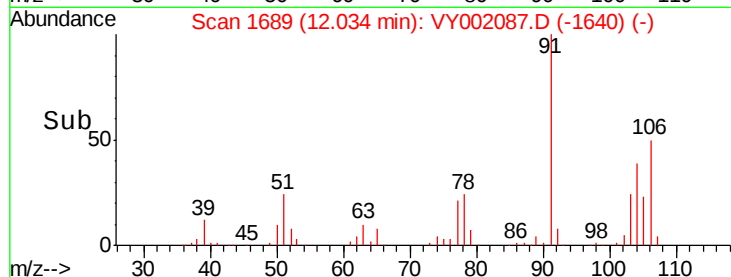
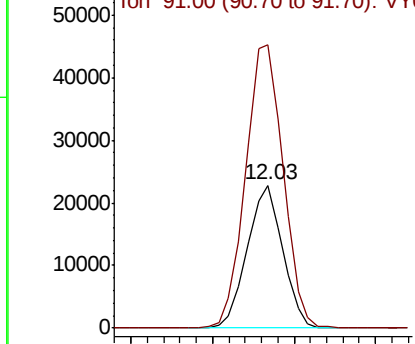
#69
o-Xylene
Concen: 10.151 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 34676
Ion Ratio Lower Upper
106 100
91 209.4 107.3 321.8

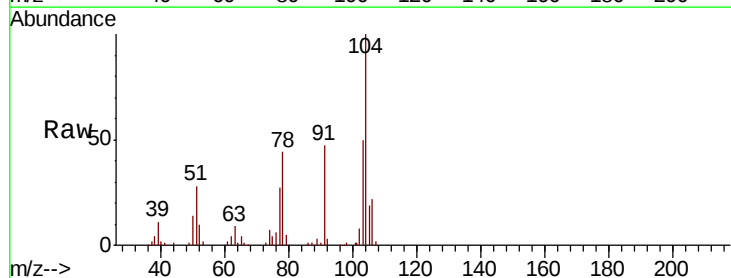


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

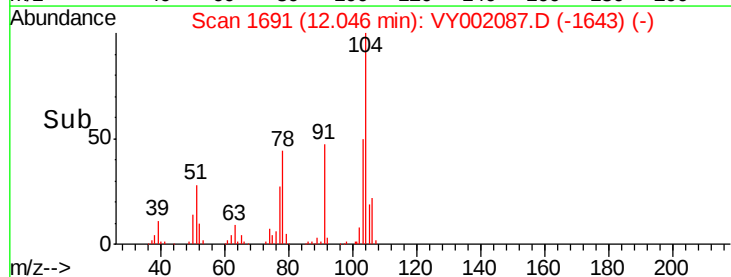
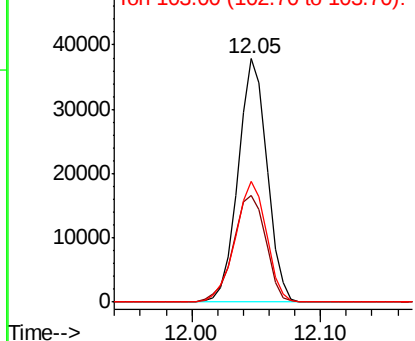


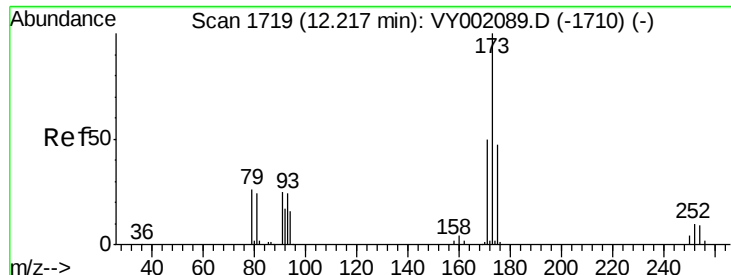
#70
Styrene
Concen: 10.026 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion:104 Resp: 58698
Ion Ratio Lower Upper
104 100
78 49.4 37.9 56.9
103 53.7 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: 9.928 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

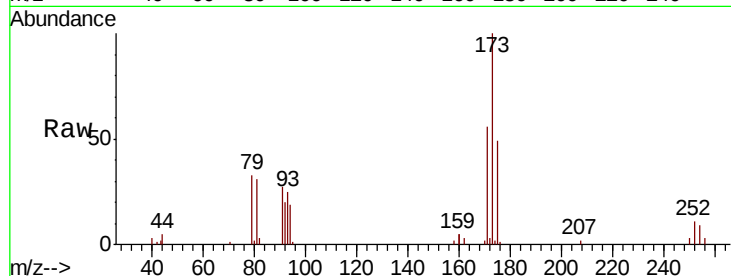
Tot Ion:173 Resp: 9272

Ion Ratio Lower Upper

173 100

175 52.0 23.9 71.8

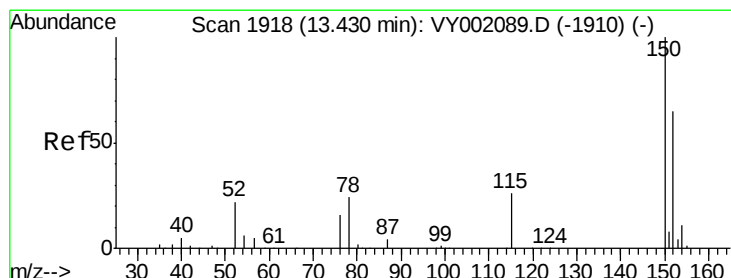
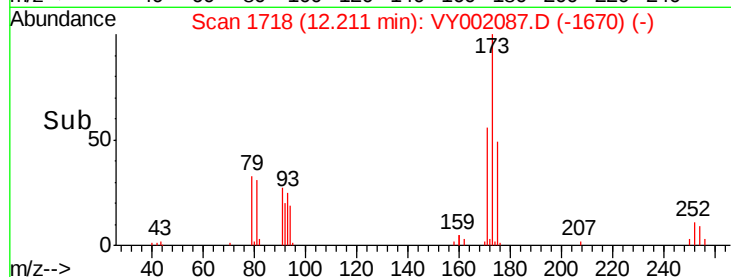
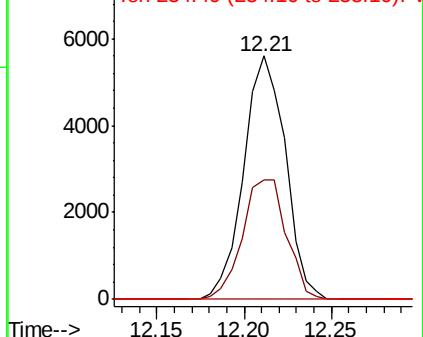
254 0.0 0.0 0.0



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: VY002087.D

Acq: 26 Mar 2020 15:48

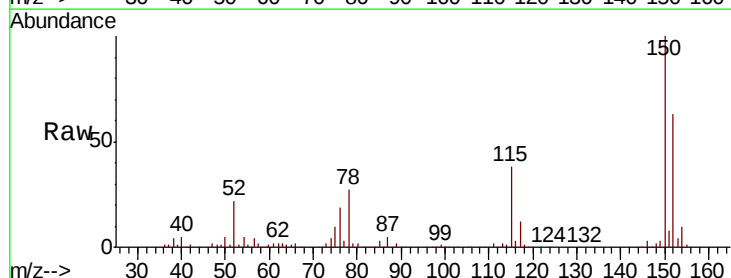
Tgt Ion:152 Resp: 123102

Ion Ratio Lower Upper

152 100

115 62.4 31.2 93.6

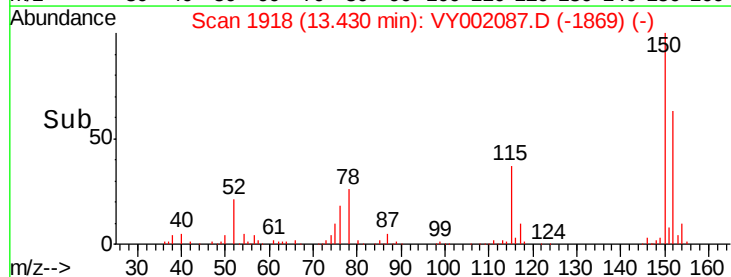
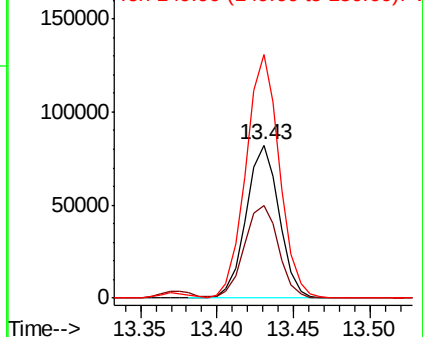
150 161.7 0.0 354.8

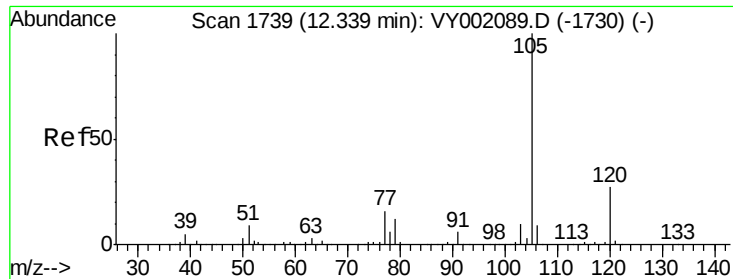


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.884 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

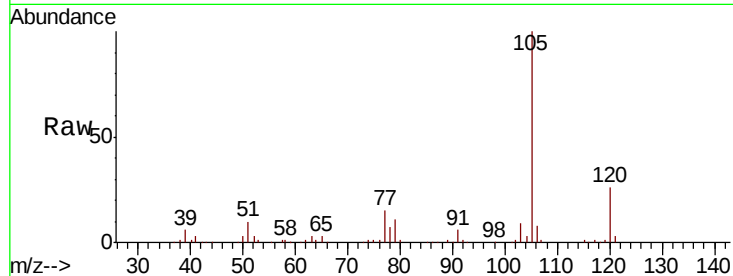
VSTDIC010

Tot Ion:105 Resp: 92607

Ion Ratio Lower Upper

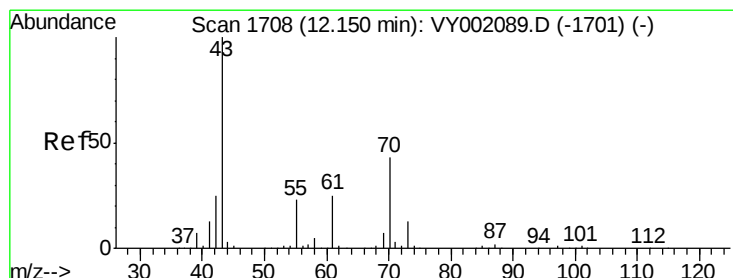
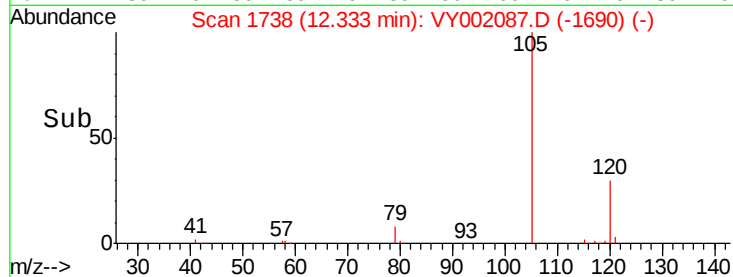
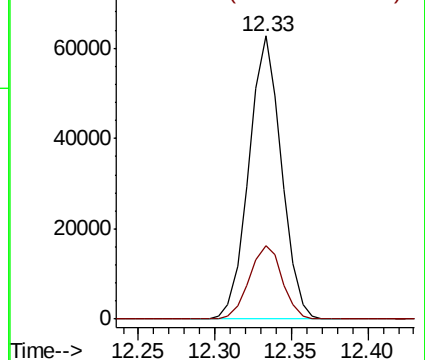
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.589 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Tgt Ion: 43 Resp: 30470

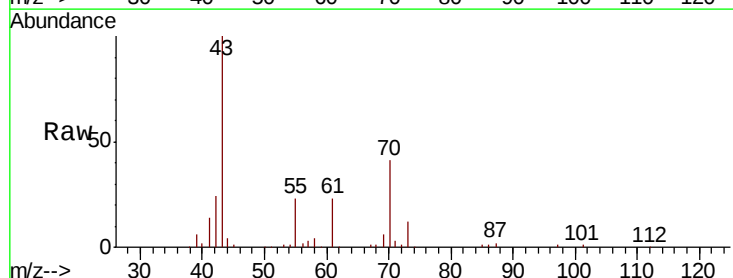
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 23.9 18.7 28.1

61 23.4 20.2 30.2

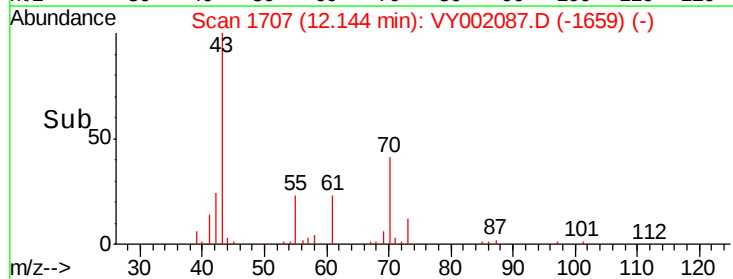
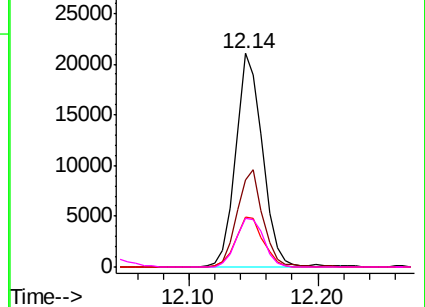


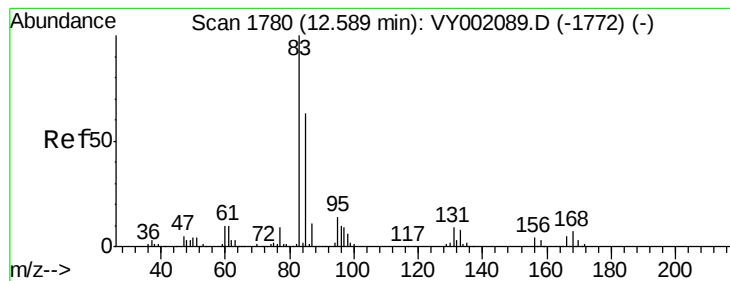
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.249 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

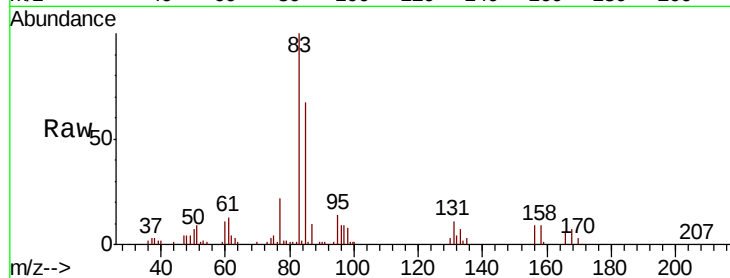
Tot Ion: 83 Resp: 20648

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

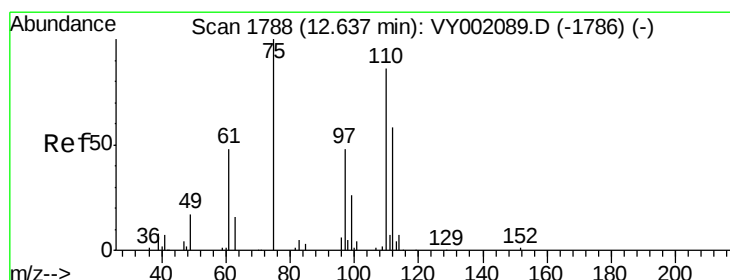
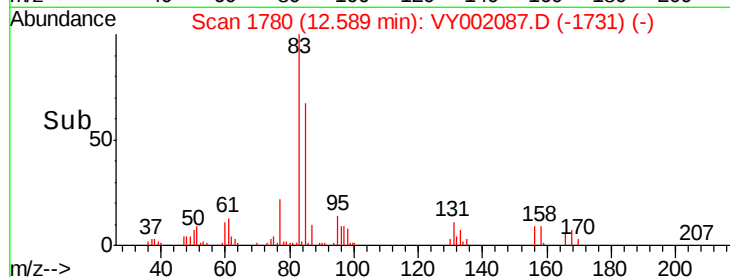
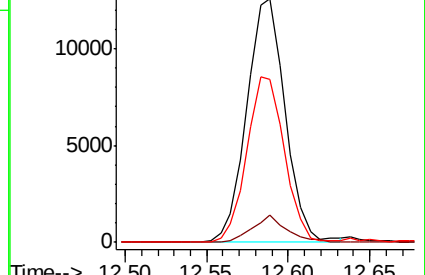
85 66.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002089.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002089.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002089.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 18.449 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002087.D

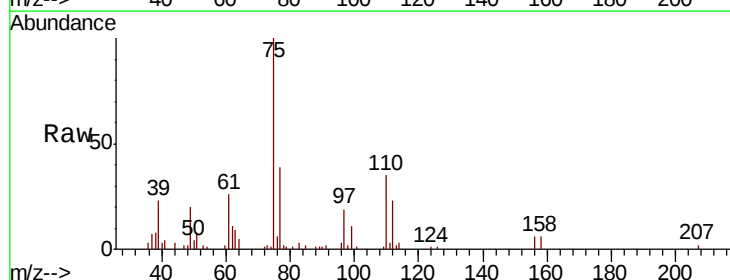
Acq: 26 Mar 2020 15:48

Tgt Ion: 75 Resp: 27223

Ion Ratio Lower Upper

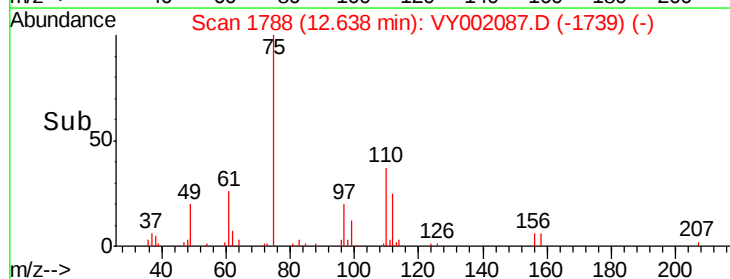
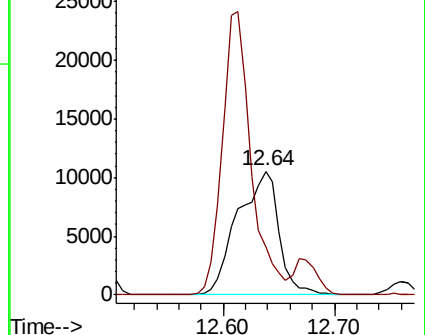
75 100

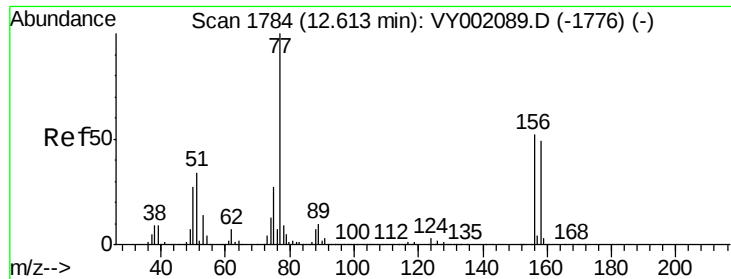
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002089.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002089.D (-1786) (-)





#77

Bromobenzene

Concen: 10.211 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

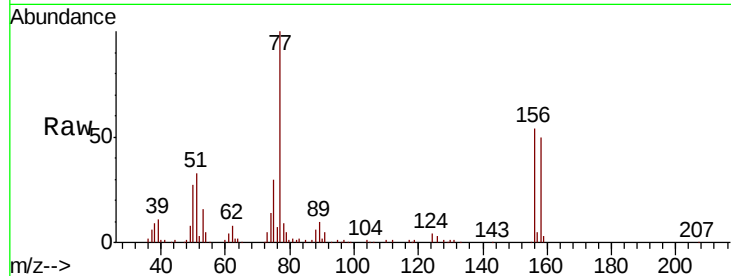
Tot Ion:156 Resp: 20350

Ion Ratio Lower Upper

156 100

77 212.4 107.8 323.6

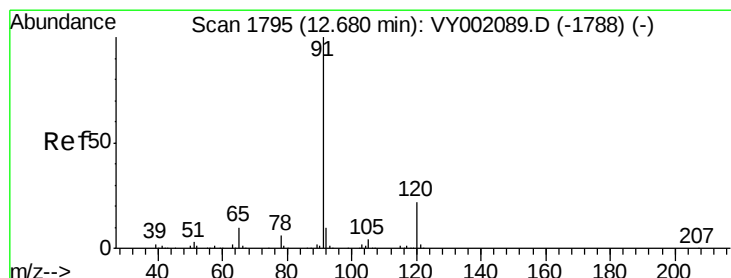
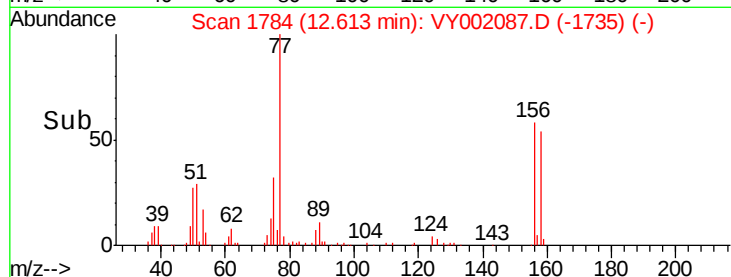
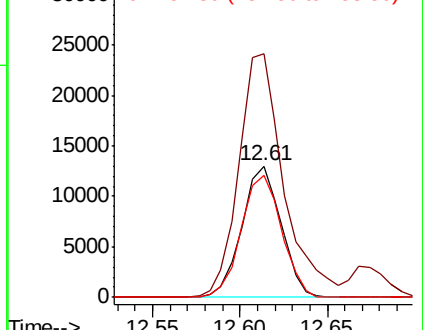
158 95.7 47.5 142.6



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: 10.022 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002087.D

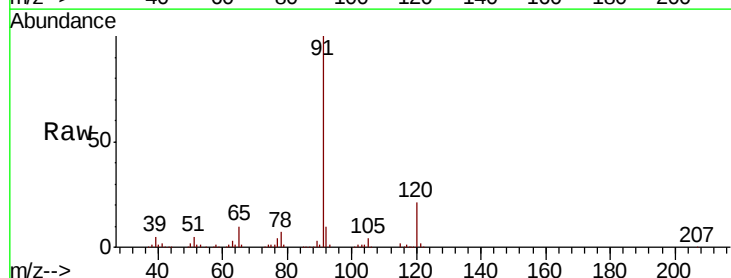
Acq: 26 Mar 2020 15:48

Tgt Ion: 91 Resp: 115976

Ion Ratio Lower Upper

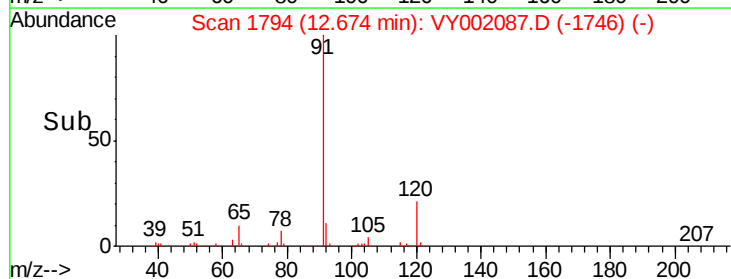
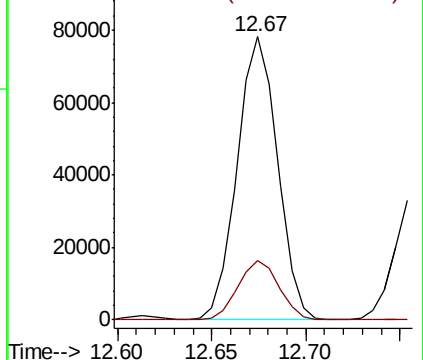
91 100

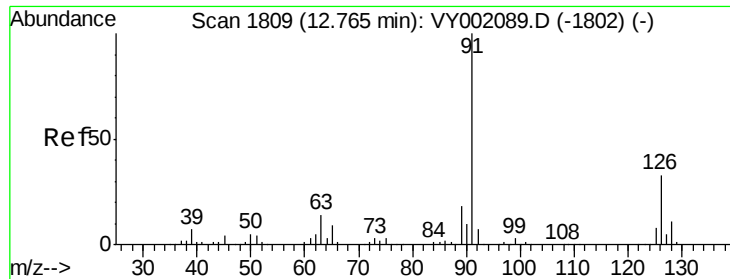
120 21.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

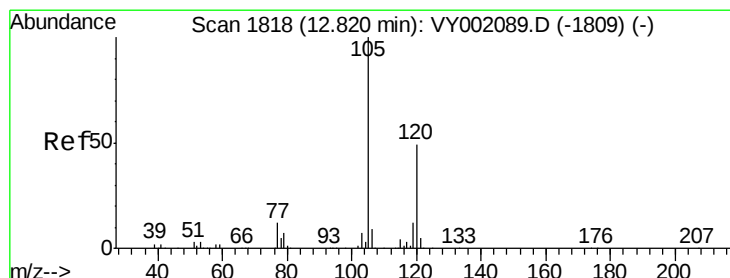
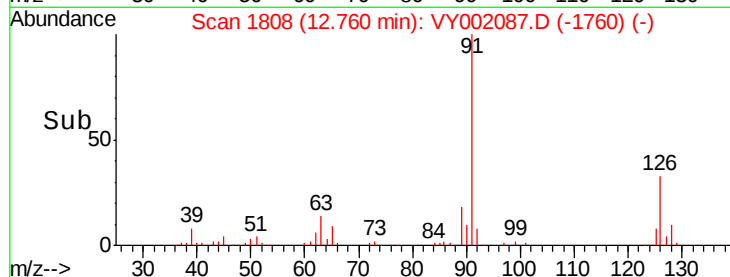
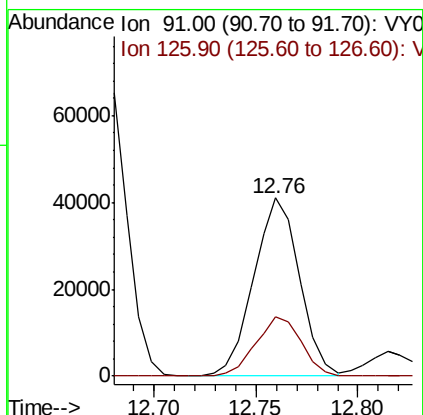
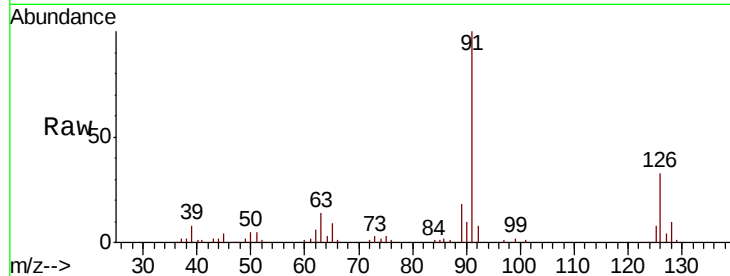




#79
 2-Chlorotoluene
 Concen: 9.998 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

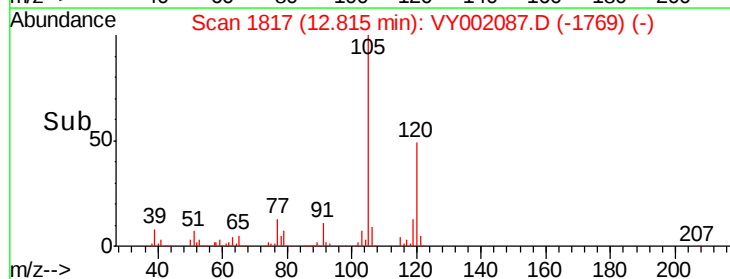
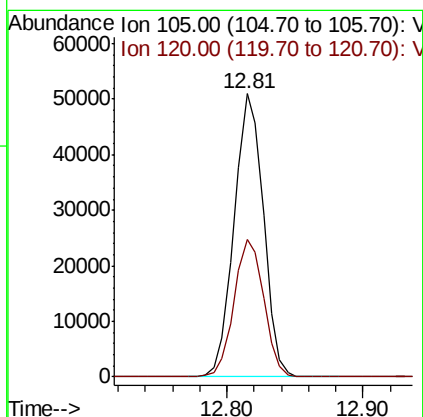
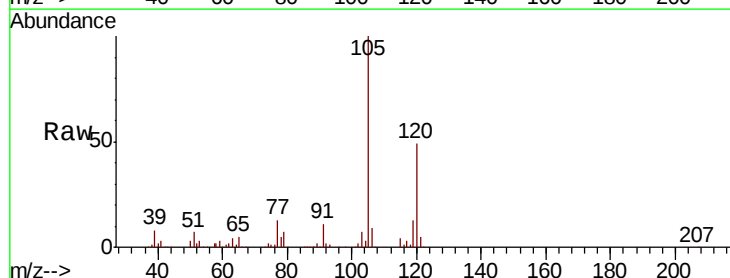
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

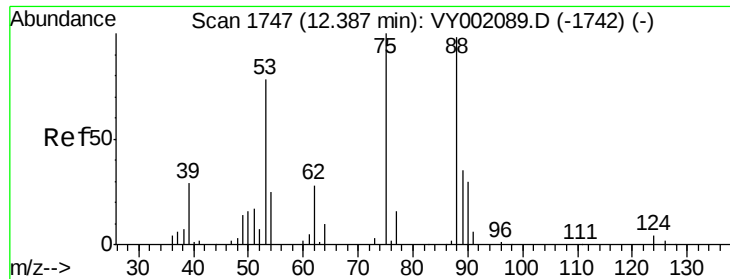
Tot Ion: 91 Resp: 63898
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 9.873 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion: 105 Resp: 76346
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 9.795 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

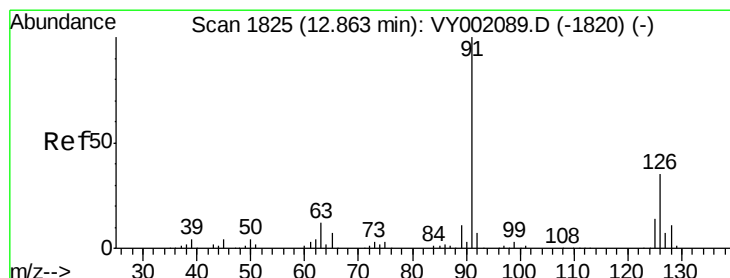
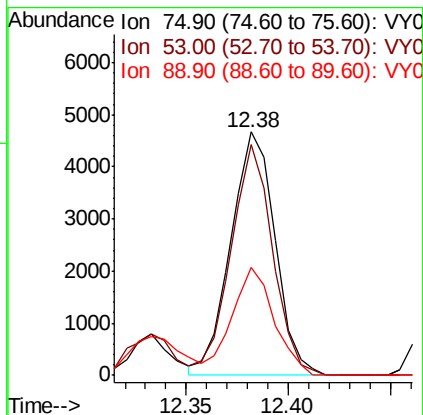
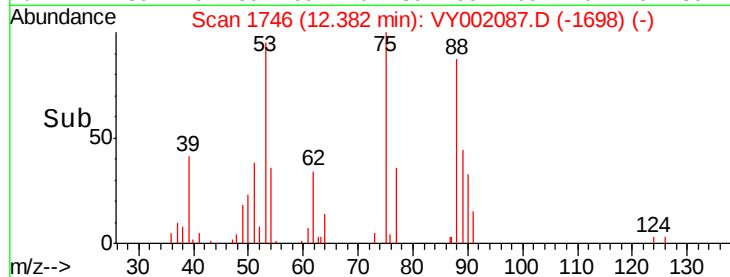
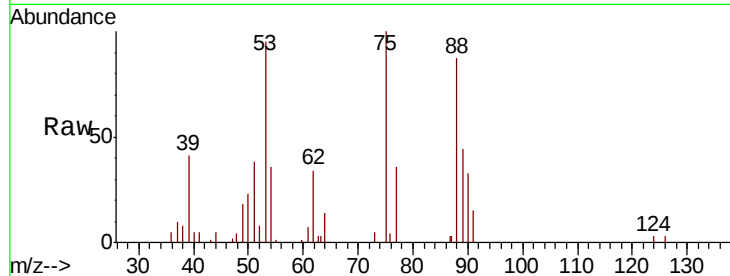
Tot Ion: 75 Resp: 7046

Ion Ratio Lower Upper

75 100

53 89.7 65.0 97.4

89 42.1 33.4 50.0



#82

4-Chlorotoluene

Concen: 10.005 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002087.D

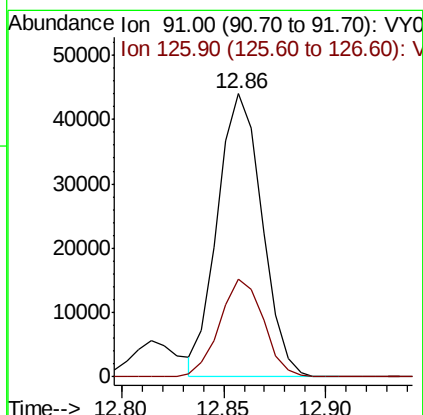
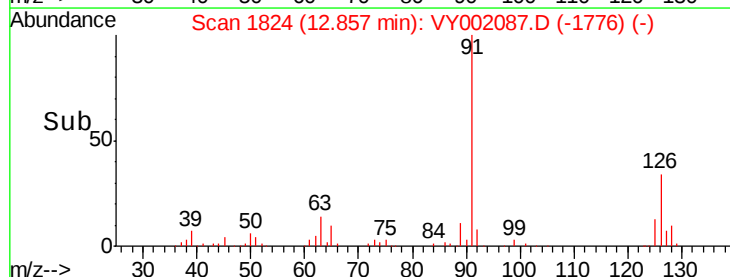
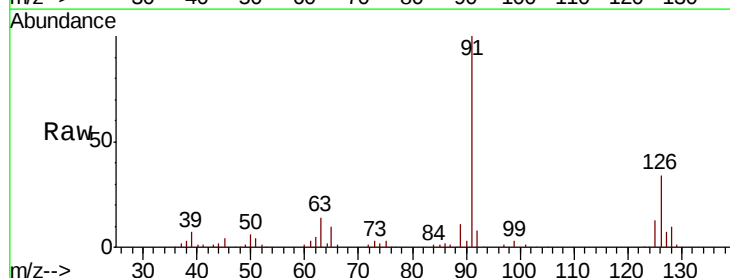
Acq: 26 Mar 2020 15:48

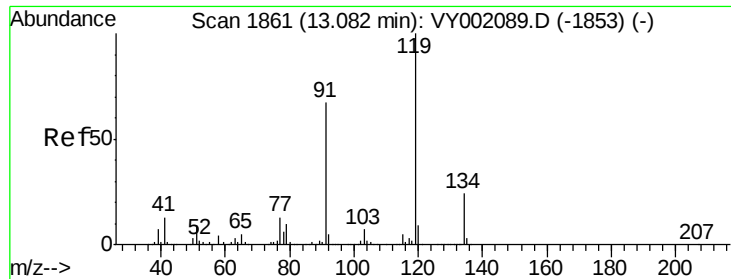
Tgt Ion: 91 Resp: 66670

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.9

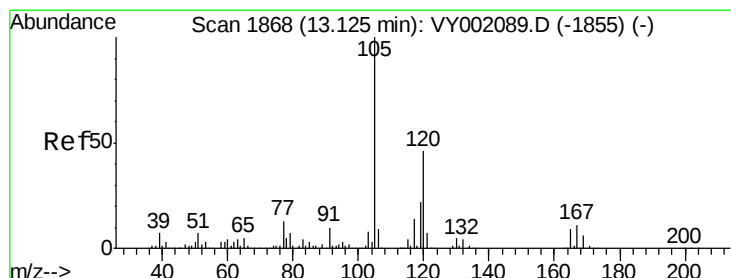
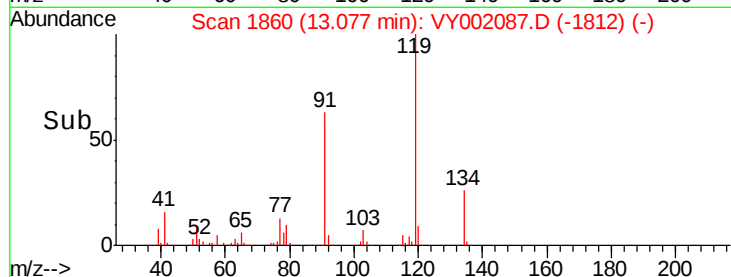
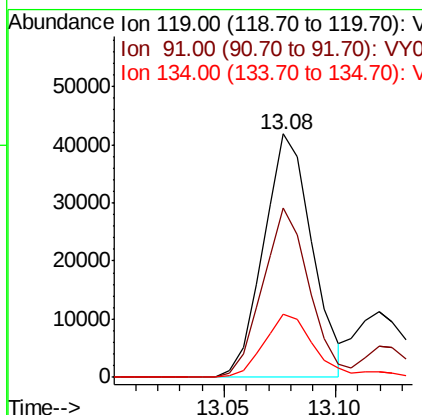
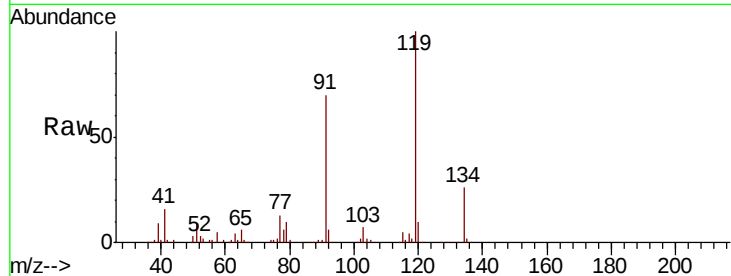




#83
tert-Butylbenzene
Concen: 9.811 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

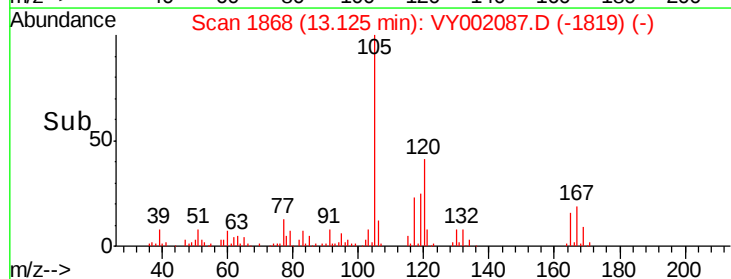
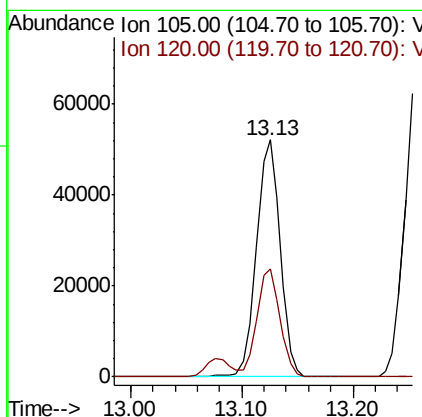
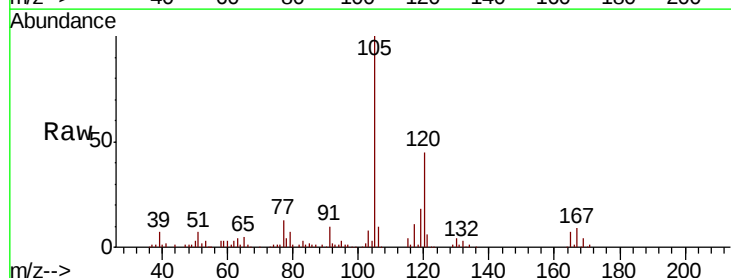
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

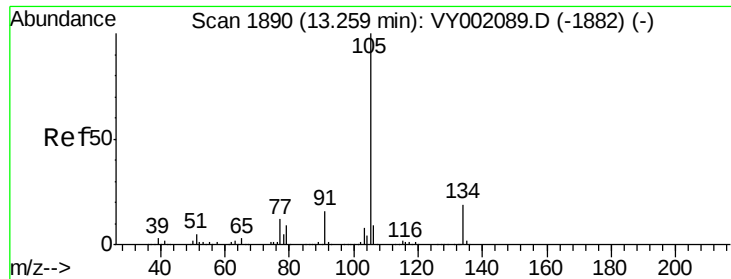
Tot Ion:119 Resp: 63197
Ion Ratio Lower Upper
119 100
91 67.2 32.9 98.6
134 28.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 10.114 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002087.D
Acq: 26 Mar 2020 15:48

Tgt Ion:105 Resp: 77530
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 10.321 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

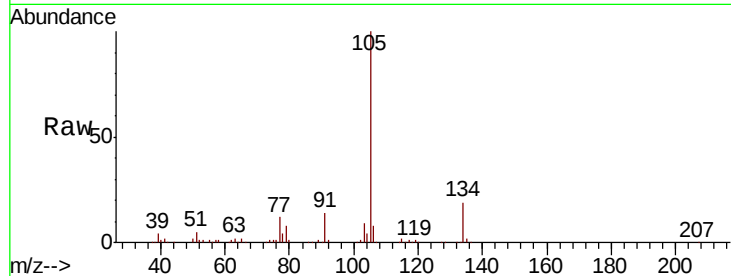
VSTDIC010

Tot Ion:105 Resp: 97747

Ion Ratio Lower Upper

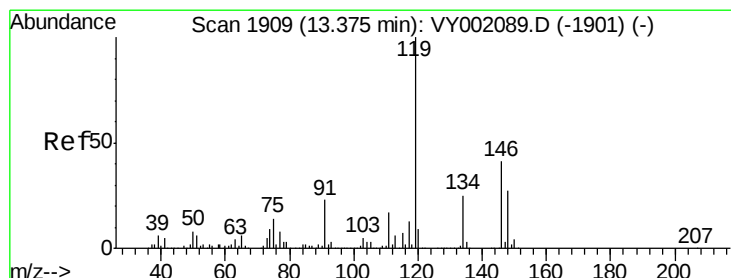
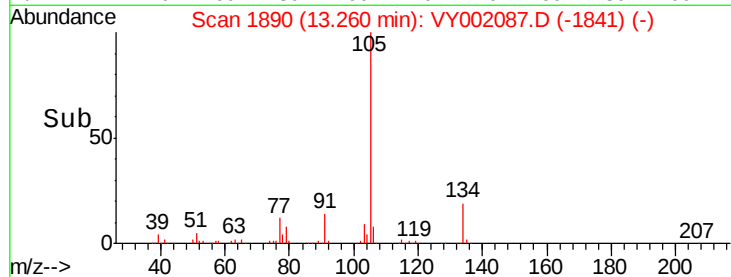
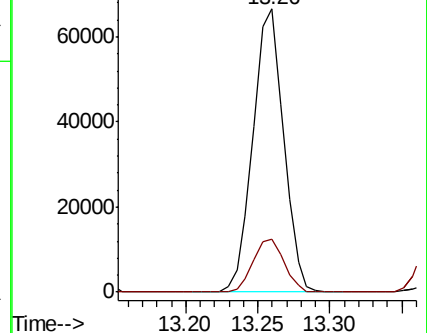
105 100

134 19.0 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: 10.347 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

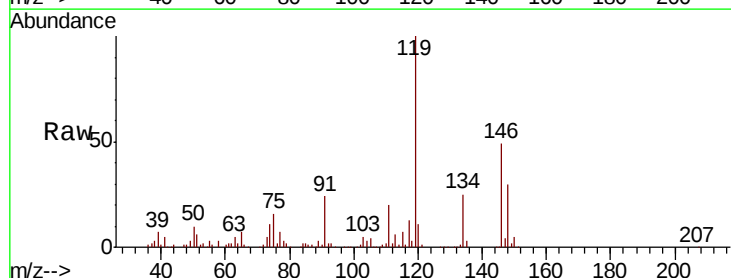
Tgt Ion:119 Resp: 84569

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

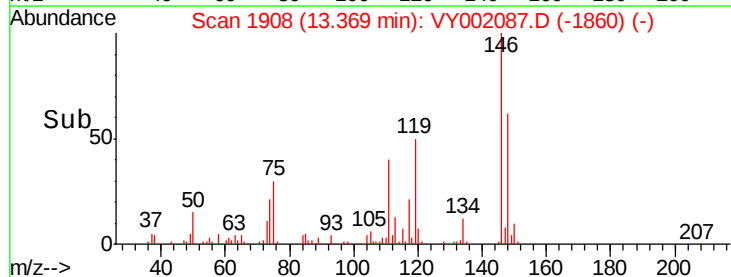
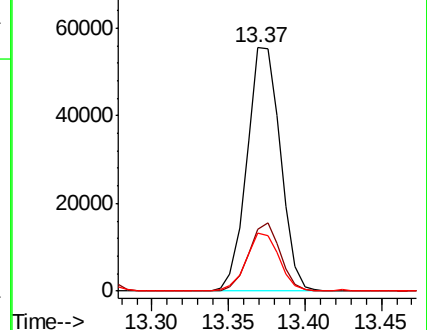
91 23.2 11.8 35.3

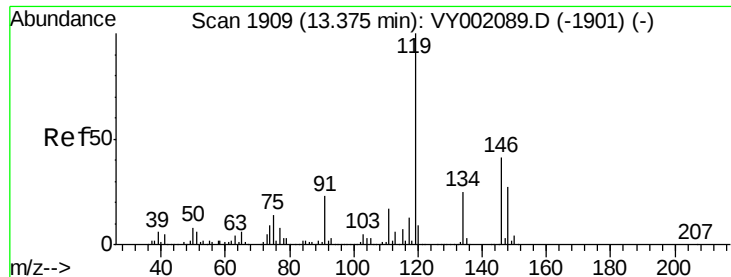


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 10.353 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

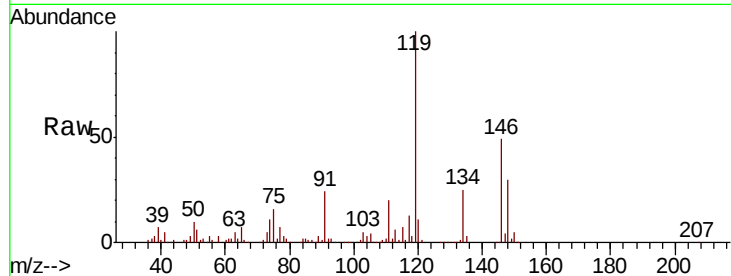
Tot Ion:146 Resp: 40320

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

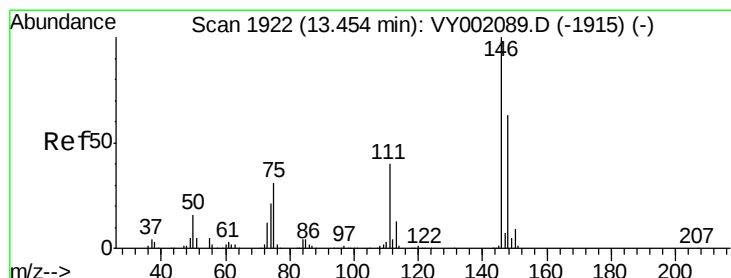
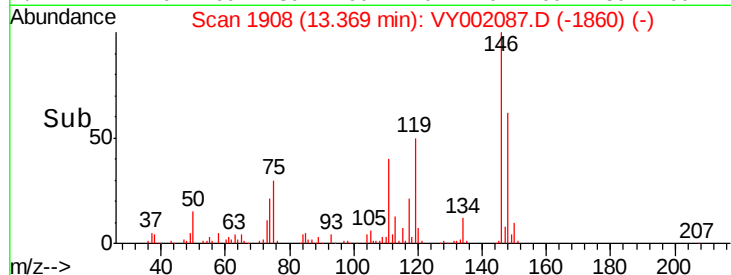
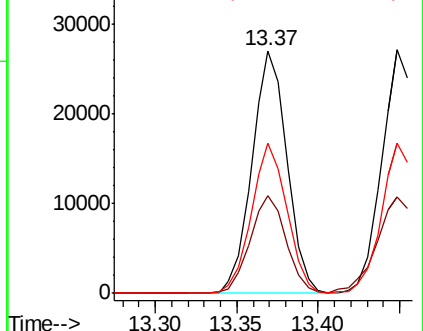
148 62.4 32.1 96.5



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: 10.429 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

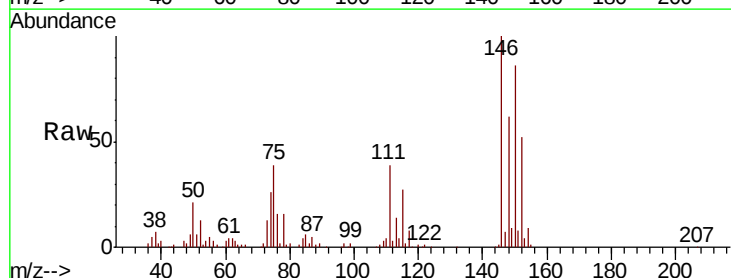
Tgt Ion:146 Resp: 41173

Ion Ratio Lower Upper

146 100

111 43.6 20.3 60.9

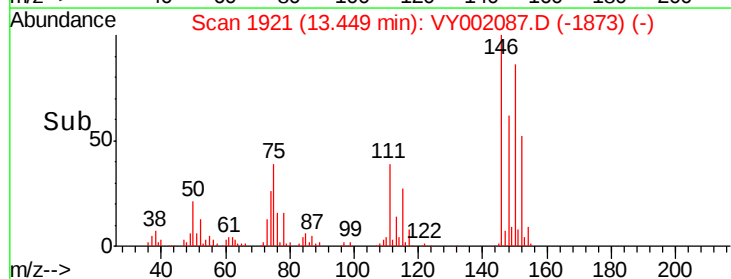
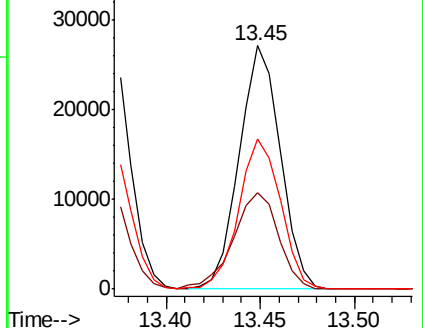
148 62.8 31.5 94.5

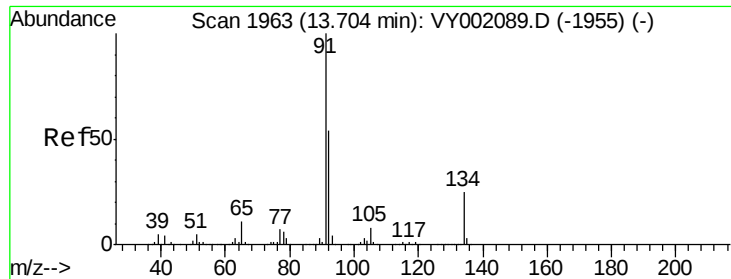


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 10.189 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

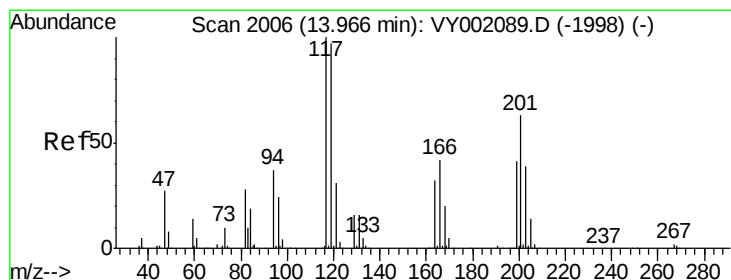
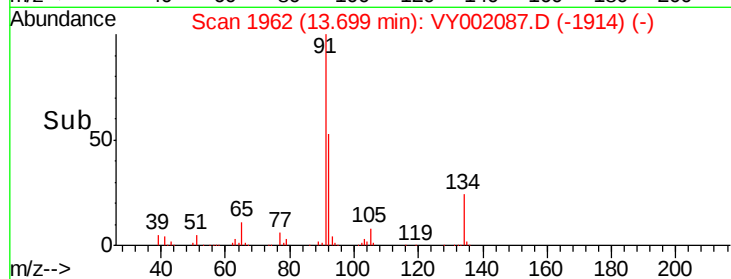
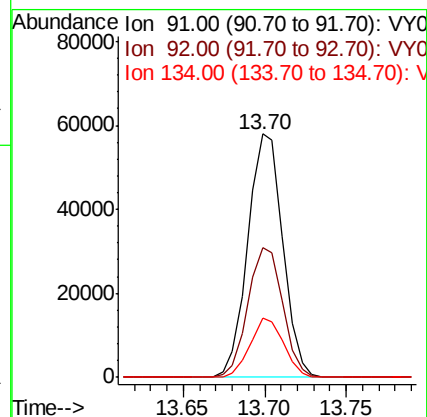
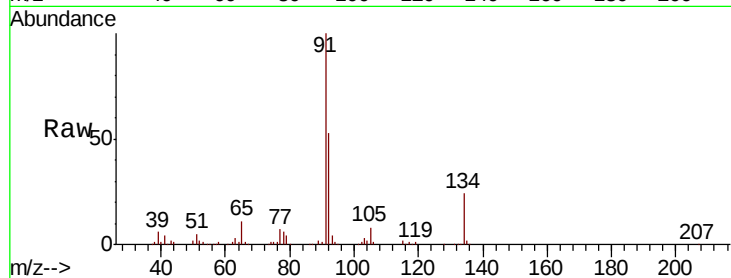
Tot Ion: 91 Resp: 86445

Ion Ratio Lower Upper

91 100

92 53.1 27.0 81.0

134 23.5 12.3 36.8



#90

Hexachloroethane

Concen: 9.625 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002087.D

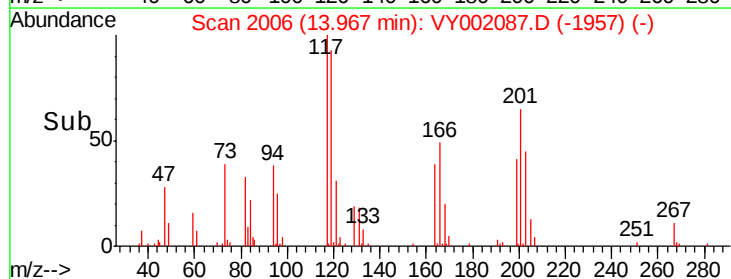
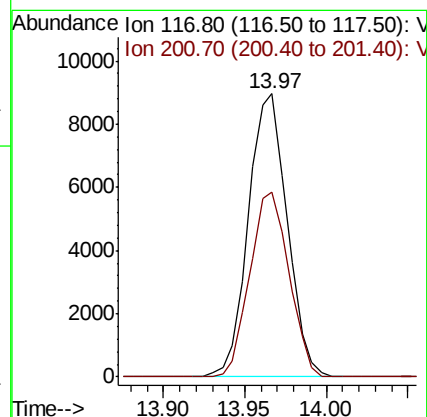
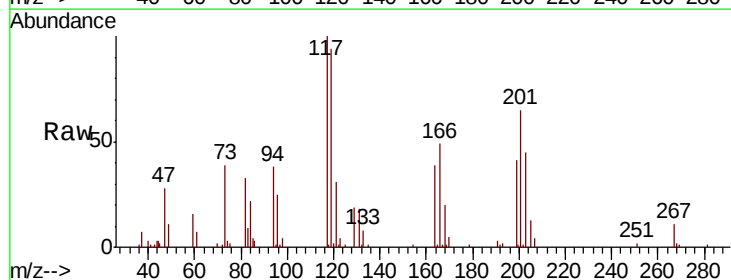
Acq: 26 Mar 2020 15:48

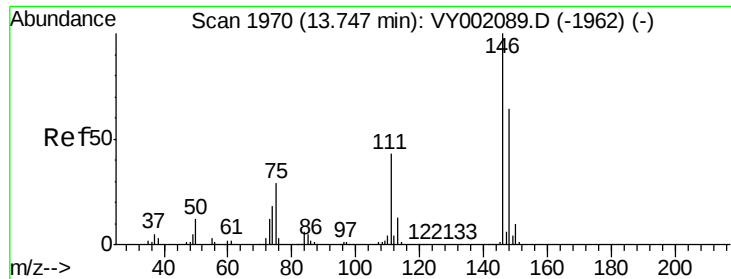
Tgt Ion: 117 Resp: 14838

Ion Ratio Lower Upper

117 100

201 65.8 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 10.373 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

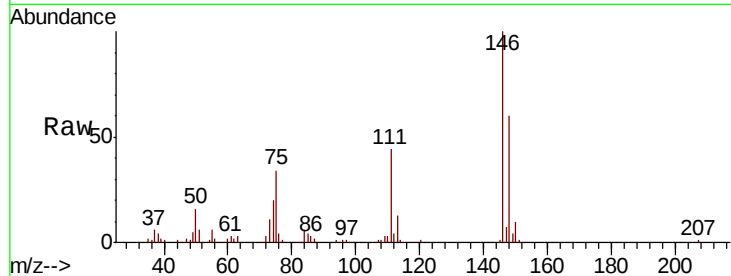
Tot Ion:146 Resp: 36840

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

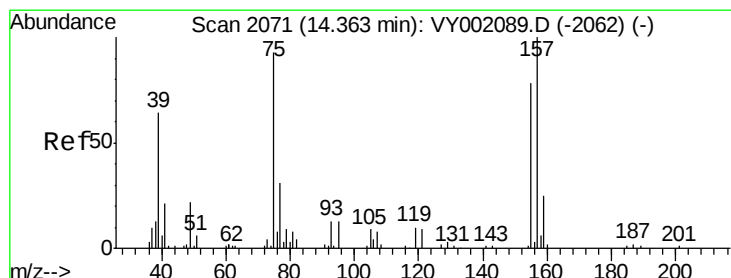
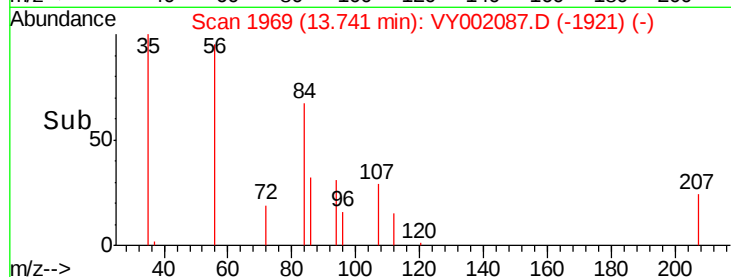
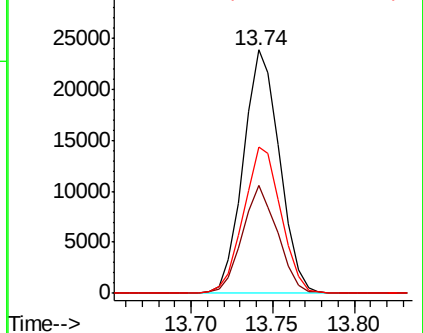
148 62.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.151 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

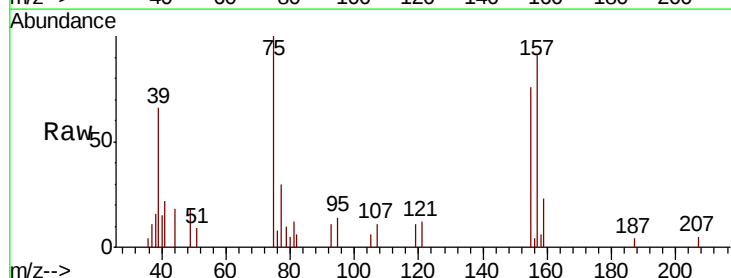
Tgt Ion: 75 Resp: 3197

Ion Ratio Lower Upper

75 100

155 84.0 41.6 124.9

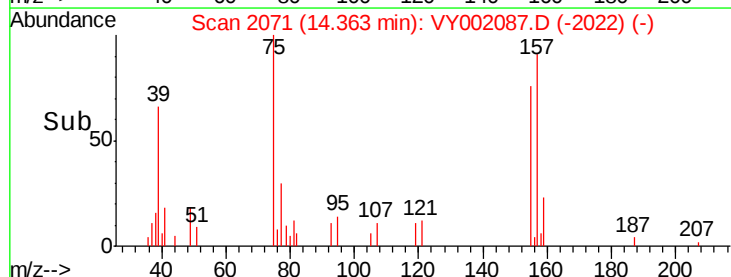
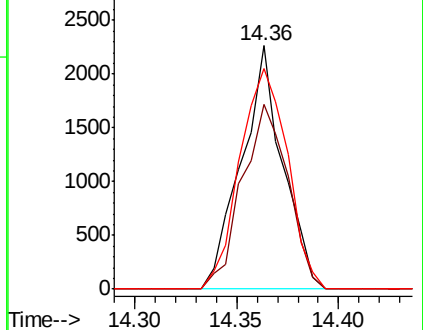
157 104.3 53.4 160.3

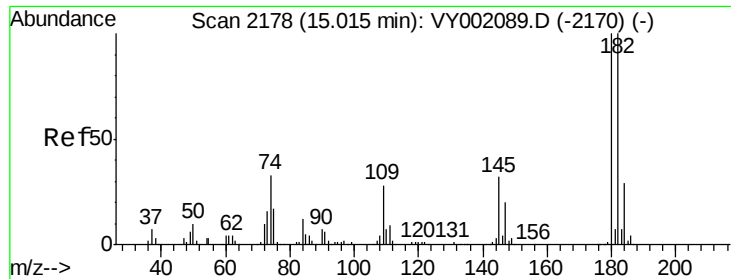


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

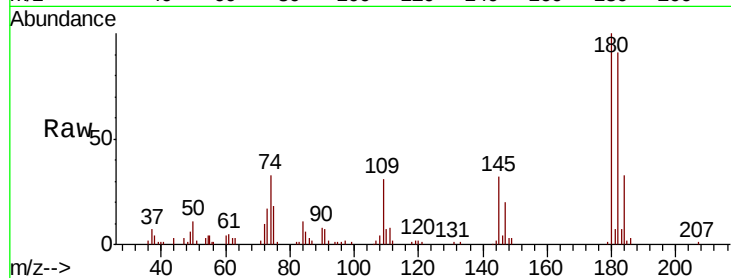




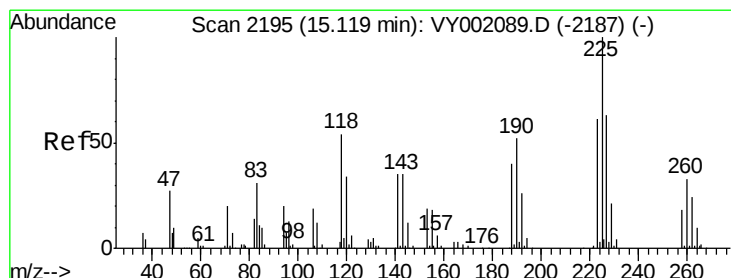
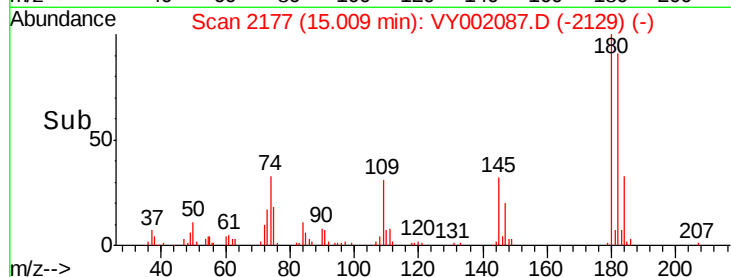
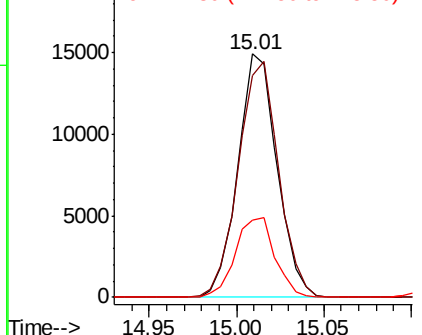
#93
 1,2,4-Trichlorobenzene
 Concen: 10.117 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:180 Resp: 23188
 Ion Ratio Lower Upper
 180 100
 182 99.6 48.1 144.3
 145 33.1 15.9 47.6

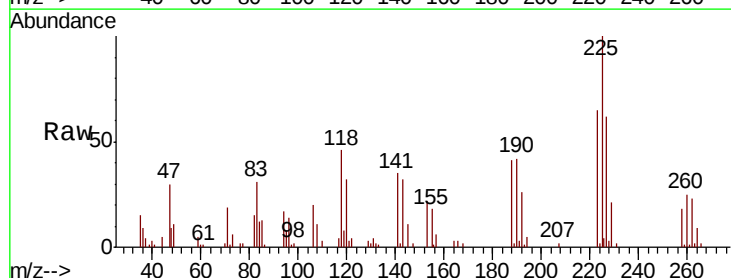


Abundance Ion 179.80 (179.50 to 180.50): V
 20000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

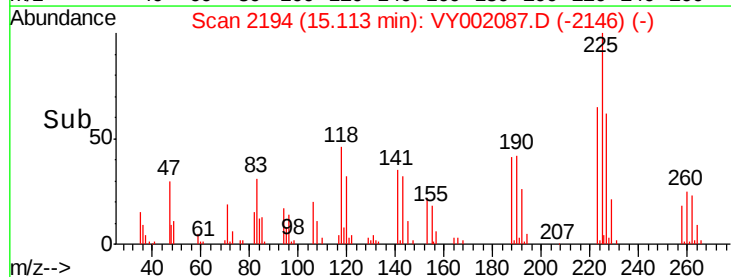
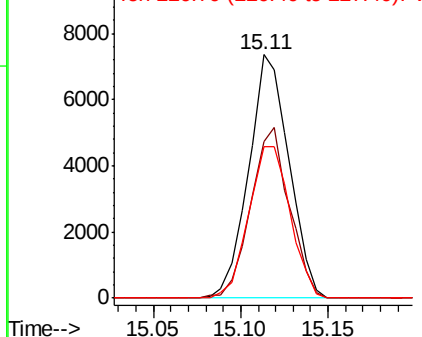


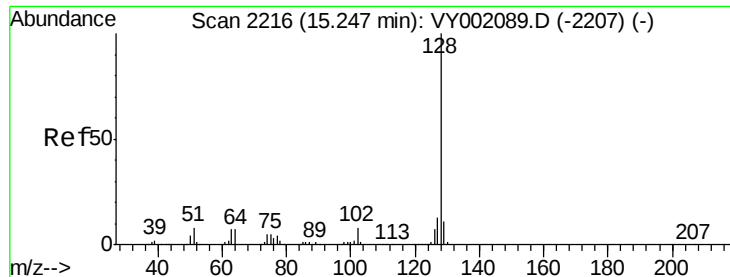
#94
 Hexachlorobutadiene
 Concen: 10.481 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002087.D
 Acq: 26 Mar 2020 15:48

Tgt Ion:225 Resp: 11783
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.1 93.3
 227 63.8 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 10000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 10.304 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

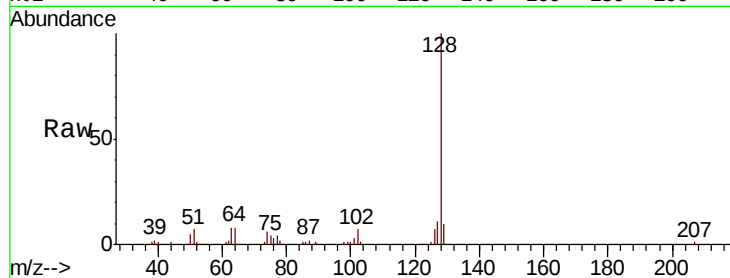
Tot Ion:128 Resp: 56027

Ion Ratio Lower Upper

128 100

127 12.5 9.8 14.8

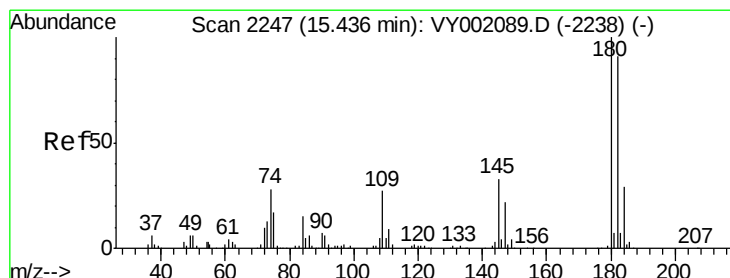
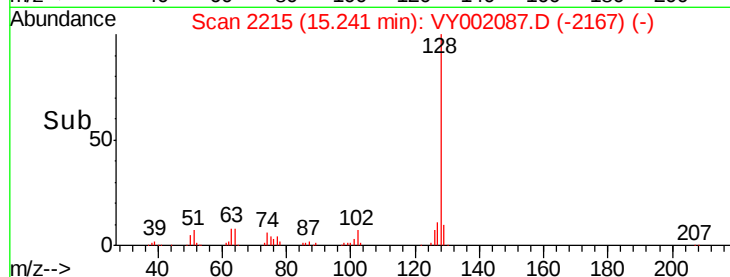
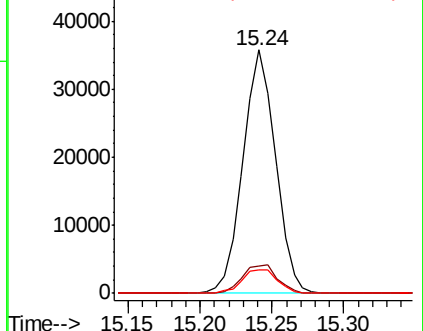
129 10.8 8.6 13.0



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: 10.628 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002087.D

Acq: 26 Mar 2020 15:48

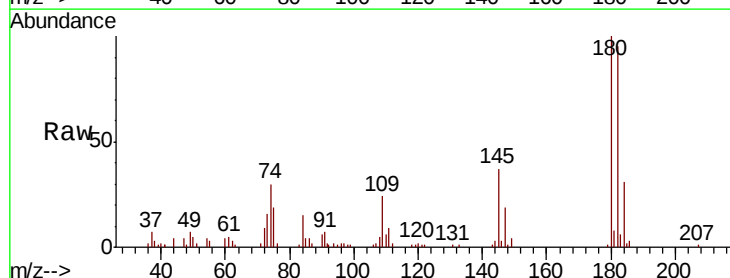
Tgt Ion:180 Resp: 21557

Ion Ratio Lower Upper

180 100

182 91.6 46.8 140.3

145 33.9 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

