

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001448.D
 Acq On : 31 Jan 2020 12:33
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 13:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	182652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	317239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	94518	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.75	113	93288	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.20	98	380573	52.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.49	95	141653	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32191	22.35	ug/l	100
3) Chloromethane	2.13	50	49811	22.88	ug/l	98
4) Vinyl Chloride	2.27	62	51871	22.85	ug/l	99
5) Bromomethane	2.66	94	34393	22.50	ug/l	100
6) Chloroethane	2.82	64	32992	22.75	ug/l	95
7) Trichlorofluoromethane	3.15	101	68728	23.66	ug/l	98
8) Diethyl Ether	3.56	74	25282	20.62	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	44059	23.82	ug/l	99
10) Methyl Iodide	4.13	142	52977	21.72	ug/l	100
11) Tert butyl alcohol	5.00	59	29015	104.86	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	43810	22.59	ug/l	91
13) Acrolein	3.76	56	15413	96.63	ug/l	100
14) Allyl chloride	4.52	41	77771	22.49	ug/l	100
15) Acrylonitrile	5.21	53	63801	101.66	ug/l	99
16) Acetone	3.98	43	54961	100.44	ug/l	99
17) Carbon Disulfide	4.23	76	135991	22.30	ug/l	99
18) Methyl Acetate	4.51	43	32635	19.47	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	118195	20.82	ug/l	97
20) Methylene Chloride	4.75	84	55115	19.91	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	50981	22.63	ug/l	97
22) Diisopropyl ether	6.16	45	161694	22.02	ug/l	98
23) Vinyl Acetate	6.10	43	498119	104.48	ug/l	99
24) 1,1-Dichloroethane	6.06	63	88117	22.76	ug/l	99
25) 2-Butanone	7.03	43	86096	99.52	ug/l	97
26) 2,2-Dichloropropane	7.02	77	76636	22.23	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	57000	22.64	ug/l	99
28) Bromochloromethane	7.38	49	29445	18.45	ug/l	97
29) Tetrahydrofuran	7.38	42	54106	96.14	ug/l	100
30) Chloroform	7.54	83	83603	22.03	ug/l	97
31) Cyclohexane	7.82	56	89208	23.21	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	72547	22.65	ug/l	99
36) 1,1-Dichloropropene	7.95	75	69772	23.28	ug/l	99
37) Ethyl Acetate	7.11	43	38217	20.87	ug/l	98
38) Carbon Tetrachloride	7.93	117	61392	22.98	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001448.D
 Acq On : 31 Jan 2020 12:33
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 13:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	91180	23.75	ug/l	99
40) Benzene	8.19	78	207219	23.06	ug/l	99
41) Methacrylonitrile	7.38	41	51741	54.76	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	54592	21.74	ug/l	98
43) Isopropyl Acetate	8.30	43	73101	20.53	ug/l	98
44) Trichloroethene	8.96	130	52798	22.90	ug/l	99
45) 1,2-Dichloropropane	9.24	63	52261	23.00	ug/l	100
46) Dibromomethane	9.33	93	26690	21.88	ug/l	96
47) Bromodichloromethane	9.52	83	65815	22.57	ug/l	98
48) Methyl methacrylate	9.31	41	34418	21.26	ug/l	95
49) 1,4-Dioxane	9.32	88	7269	422.64	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	185035	100.91	ug/l	100
52) Toluene	10.26	92	130137	22.84	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	70717	21.88	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	83188	22.43	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	38014	21.12	ug/l	97
56) Ethyl methacrylate	10.52	69	55872	20.54	ug/l	99
57) 1,3-Dichloropropane	10.80	76	67849	21.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	95804	101.76	ug/l	98
59) 2-Hexanone	10.85	43	129808	101.69	ug/l	100
60) Dibromochloromethane	11.00	129	43476	21.59	ug/l	98
61) 1,2-Dibromoethane	11.10	107	35986	21.15	ug/l	98
64) Tetrachloroethene	10.74	164	41861	23.37	ug/l	97
65) Chlorobenzene	11.53	112	134312	22.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	46605	23.10	ug/l	99
67) Ethyl Benzene	11.60	91	252280	23.16	ug/l	98
68) m/p-Xylenes	11.71	106	191685	47.11	ug/l	98
69) o-Xylene	12.04	106	90850	23.21	ug/l	99
70) Styrene	12.05	104	155914	22.70	ug/l	99
71) Bromoform	12.22	173	24888	20.67	ug/l #	100
73) Isopropylbenzene	12.34	105	243363	23.31	ug/l	100
74) N-amyl acetate	12.15	43	71610	20.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	47035	21.03	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	61186	38.37	ug/l #	100
77) Bromobenzene	12.62	156	51658	22.34	ug/l	99
78) n-propylbenzene	12.68	91	299273	23.81	ug/l	99
79) 2-Chlorotoluene	12.77	91	165655	23.07	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	207309	23.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	17169	20.38	ug/l	99
82) 4-Chlorotoluene	12.86	91	178384	23.26	ug/l	100
83) tert-Butylbenzene	13.08	119	171789	23.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	203190	23.22	ug/l	99
85) sec-Butylbenzene	13.26	105	249276	23.88	ug/l	99
86) p-Isopropyltoluene	13.38	119	218273	23.73	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	103777	23.30	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	104241	23.05	ug/l	99
89) n-Butylbenzene	13.70	91	224365	24.24	ug/l	99
90) Hexachloroethane	13.97	117	40743	23.37	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	93434	22.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7816	20.26	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
Data File : VY001448.D
Acq On : 31 Jan 2020 12:33
Operator : SY/MD
Sample : VY0131SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Quant Time: Jan 31 13:25:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

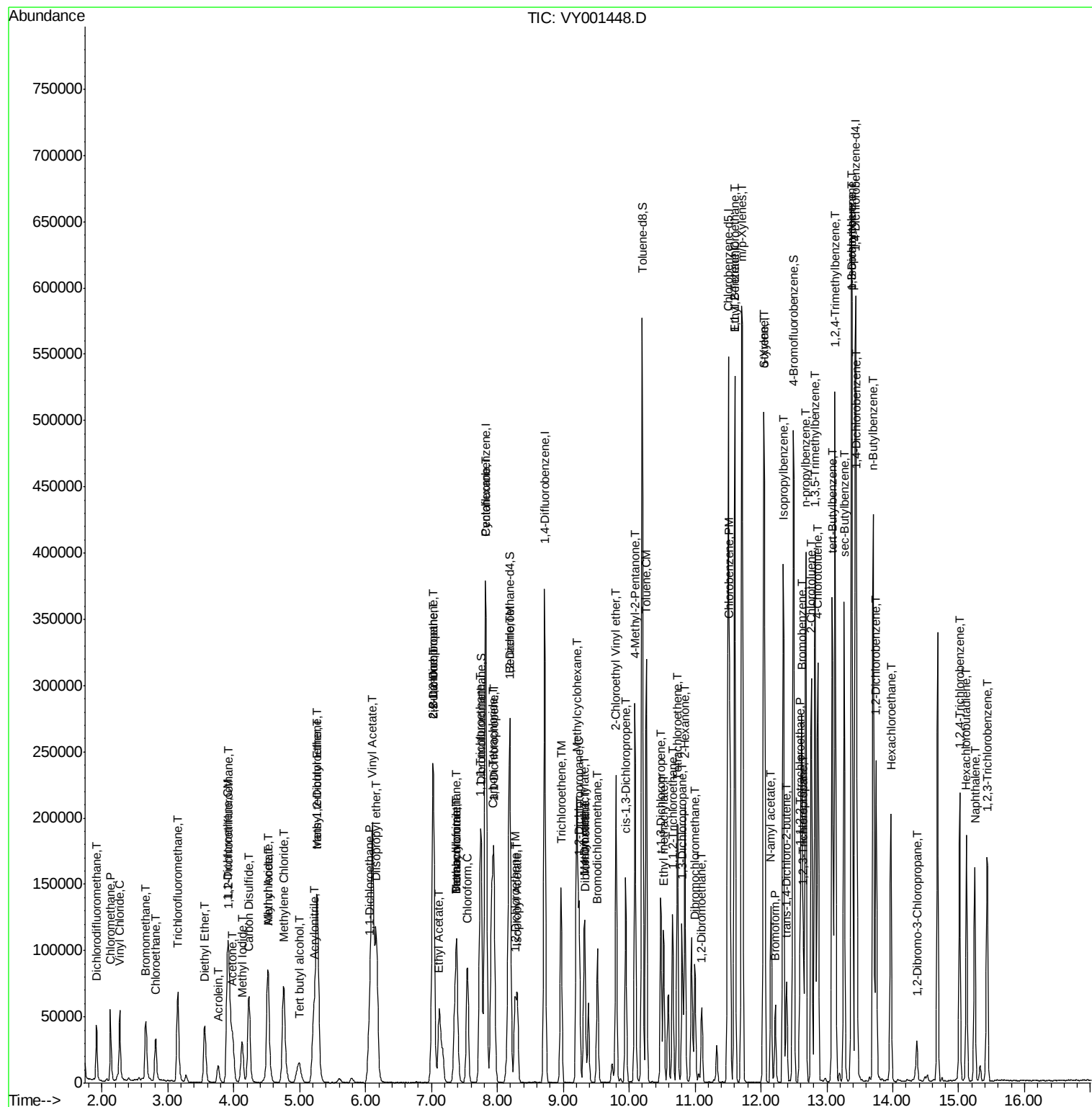
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62154	22.55	ug/l	98
94) Hexachlorobutadiene	15.12	225	31791	23.68	ug/l	99
95) Naphthalene	15.25	128	134186	21.29	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	53696	22.20	ug/l	99

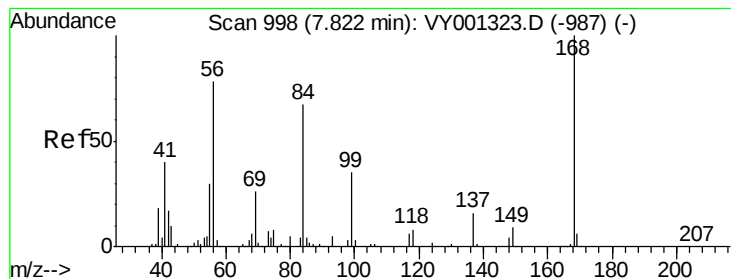
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
Data File : VY001448.D
Acq On : 31 Jan 2020 12:33
Operator : SY/MD
Sample : VY0131SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Quant Time: Jan 31 13:25:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

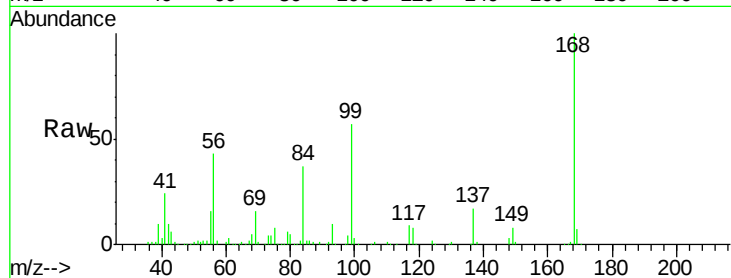
VY0131SBSD01

Tgt Ion:168 Resp: 182652

Ion Ratio Lower Upper

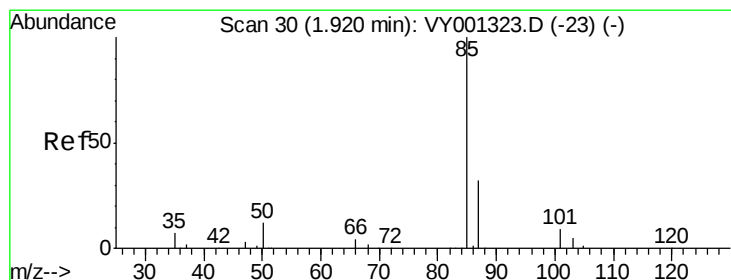
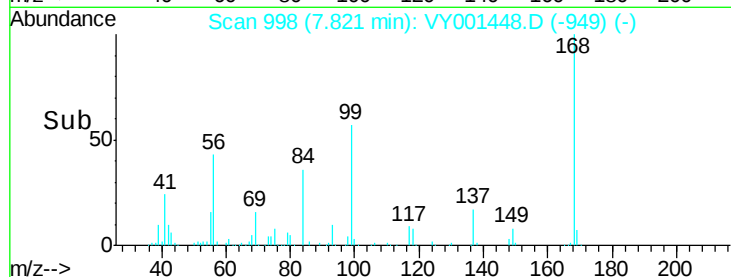
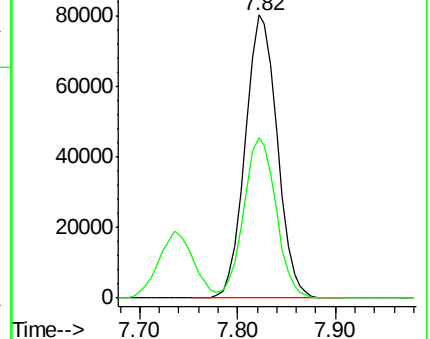
168 100

99 56.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 22.35 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001448.D

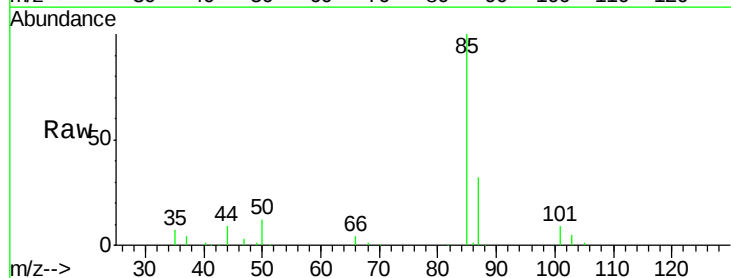
Acq: 31 Jan 2020 12:33

Tgt Ion: 85 Resp: 32191

Ion Ratio Lower Upper

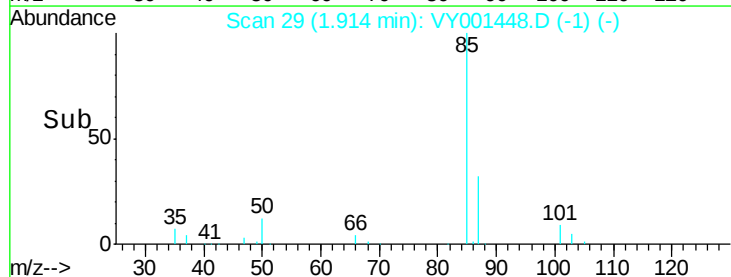
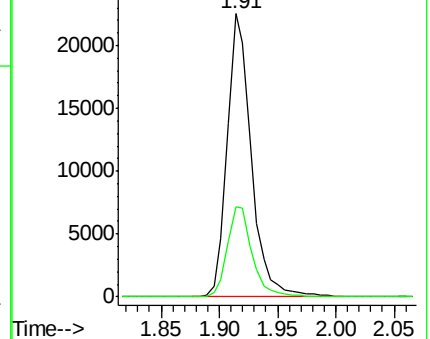
85 100

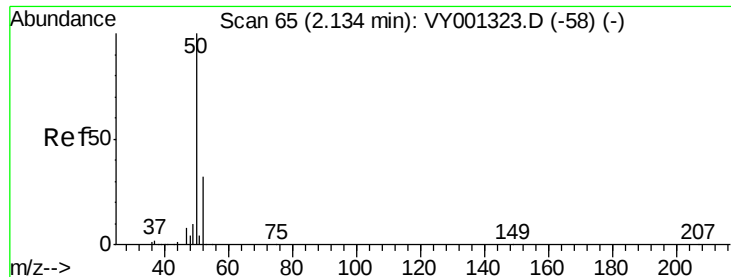
87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 22.88 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

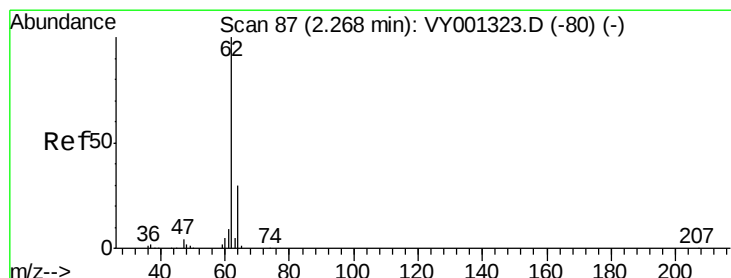
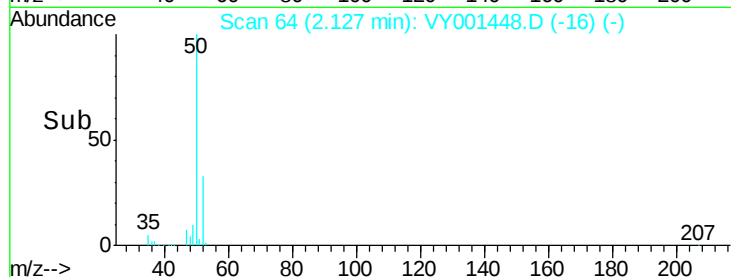
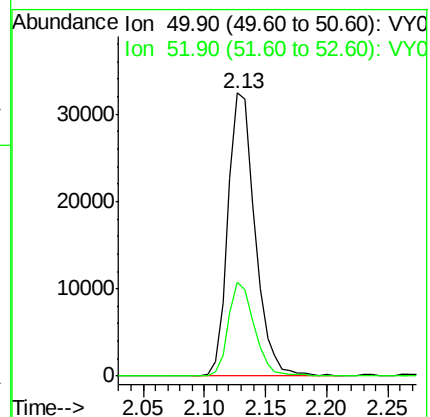
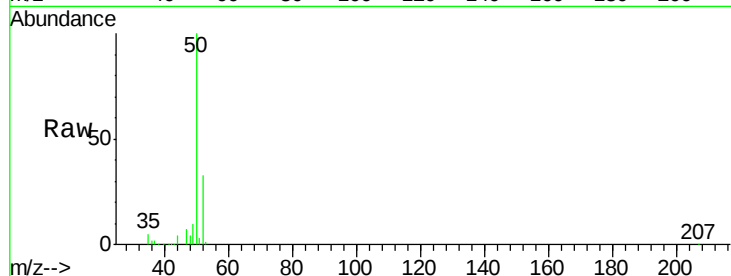
VY0131SBSD01

Tgt Ion: 50 Resp: 49811

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 22.85 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001448.D

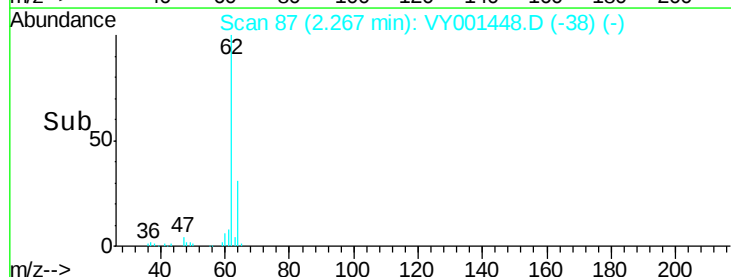
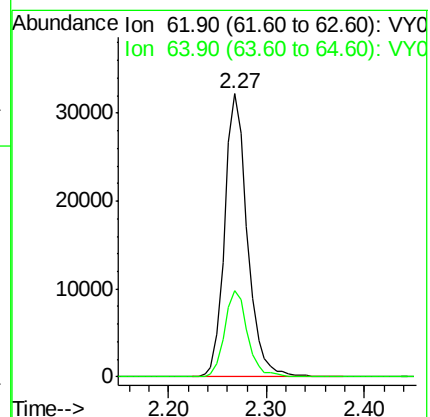
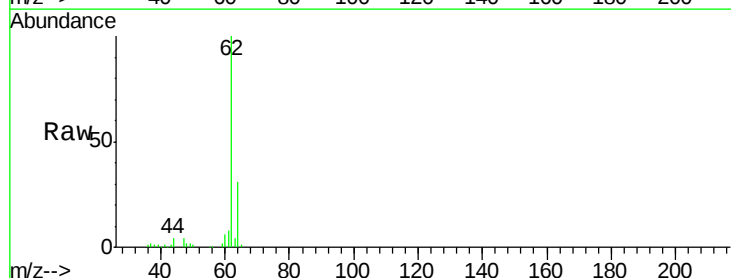
Acq: 31 Jan 2020 12:33

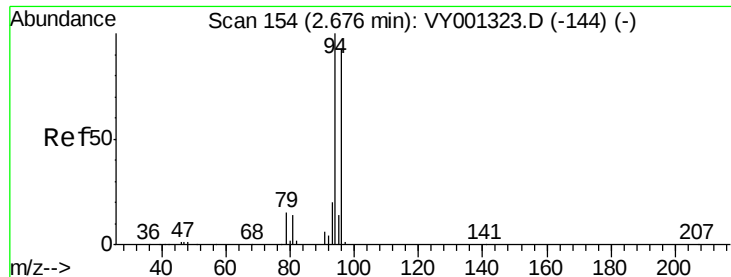
Tgt Ion: 62 Resp: 51871

Ion Ratio Lower Upper

62 100

64 30.5 23.9 35.9





#5

Bromomethane

Concen: 22.50 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

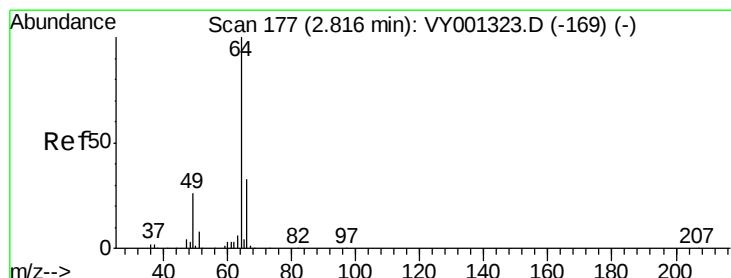
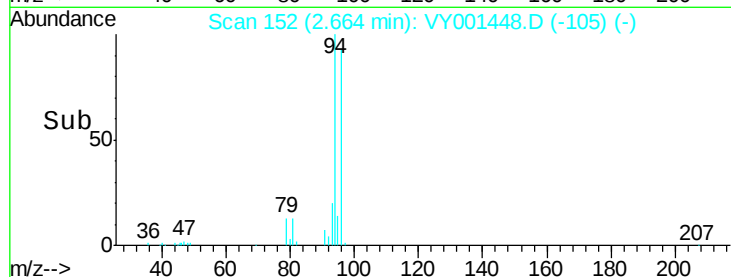
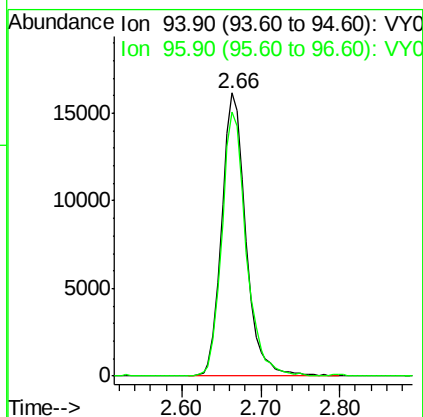
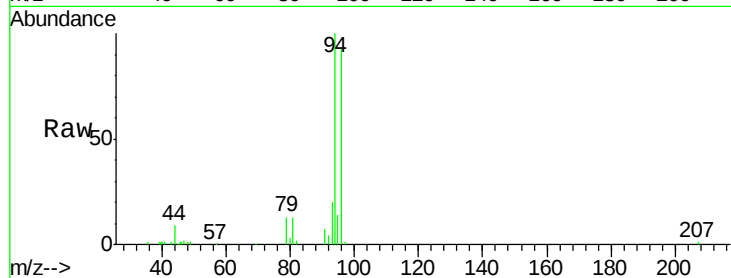
VY0131SBSD01

Tgt Ion: 94 Resp: 34393

Ion Ratio Lower Upper

94 100

96 93.4 74.6 111.8



#6

Chloroethane

Concen: 22.75 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001448.D

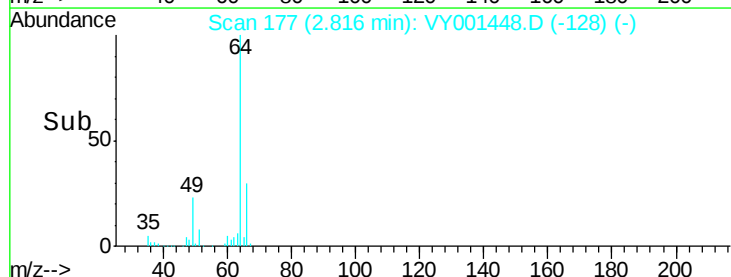
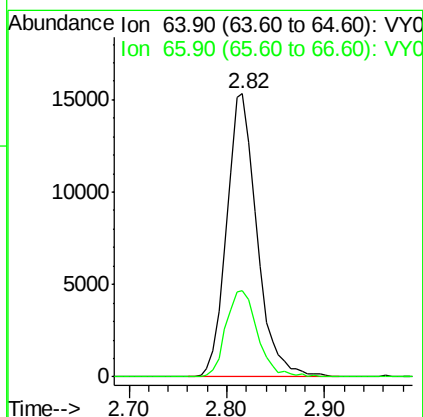
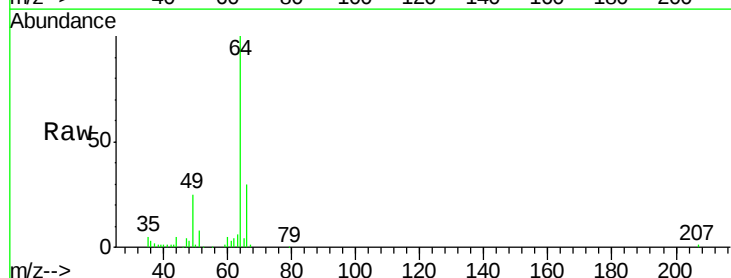
Acq: 31 Jan 2020 12:33

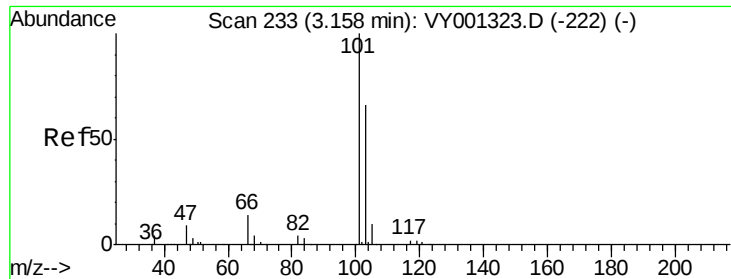
Tgt Ion: 64 Resp: 32992

Ion Ratio Lower Upper

64 100

66 30.5 26.8 40.2



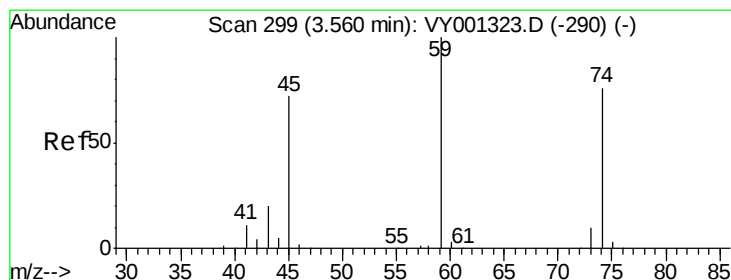
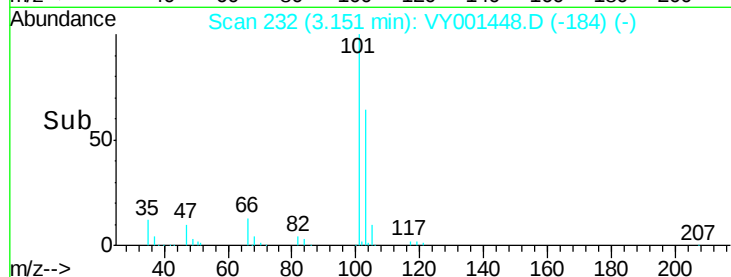
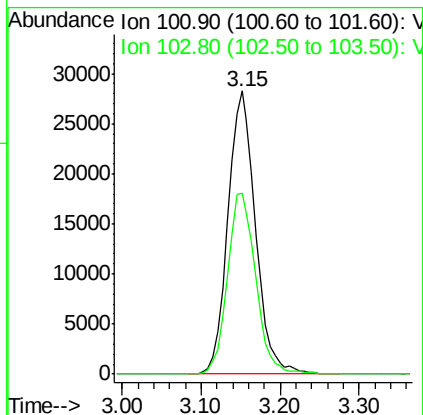
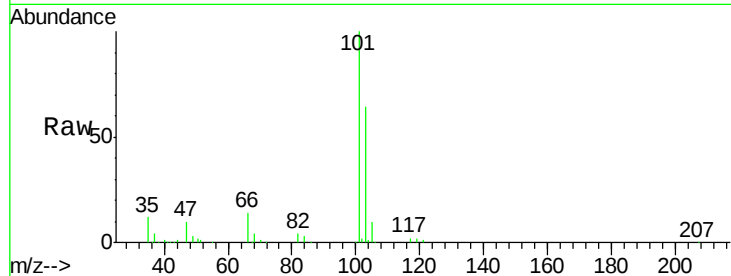


#7

Trichlorofluoromethane
 Concen: 23.66 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

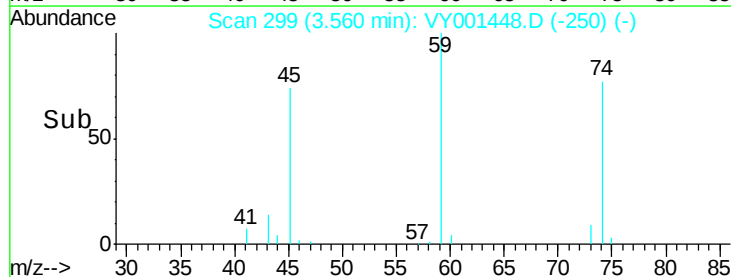
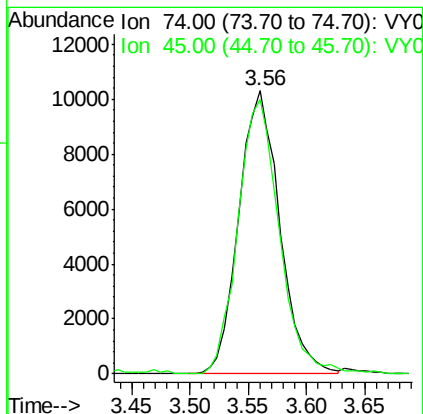
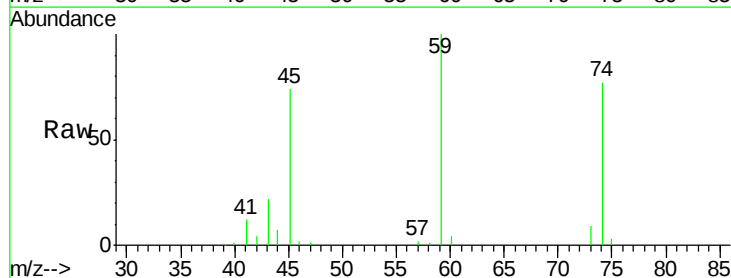
Tgt Ion:101 Resp: 68728
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.5 78.7

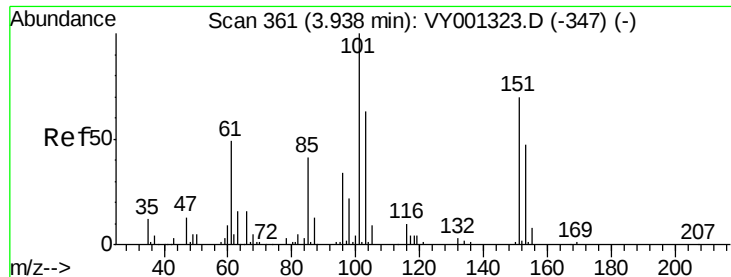


#8

Diethyl Ether
 Concen: 20.62 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 74 Resp: 25282
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.82 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

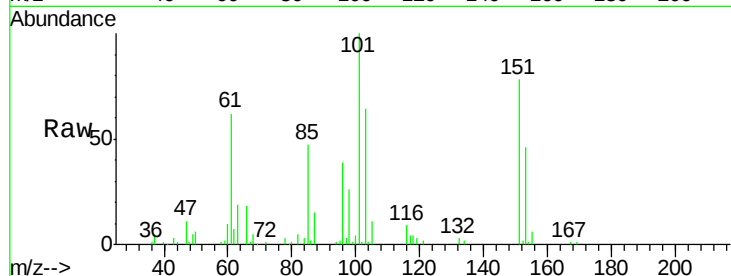
Tgt Ion:101 Resp: 44059

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

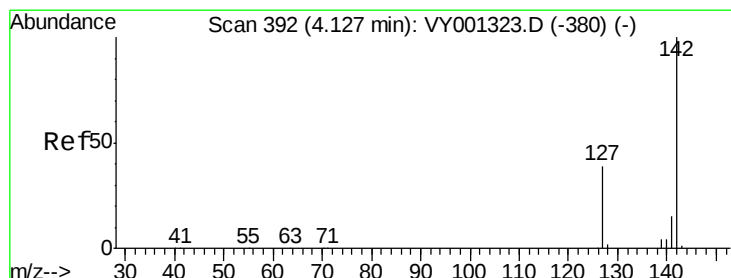
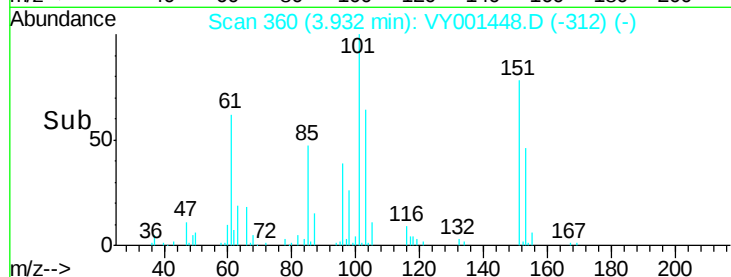
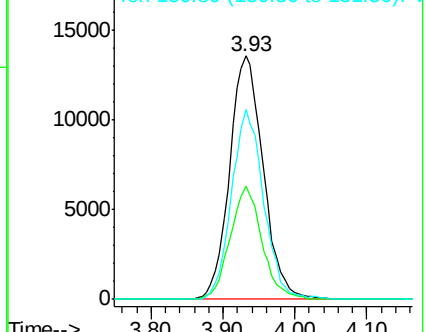
151 73.9 59.9 89.9



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: 21.72 ug/l

RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

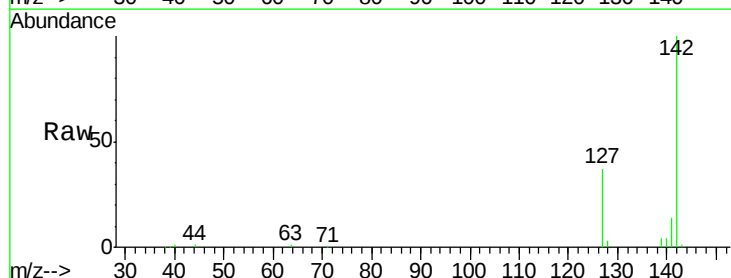
Tgt Ion:142 Resp: 52977

Ion Ratio Lower Upper

142 100

127 39.7 31.6 47.4

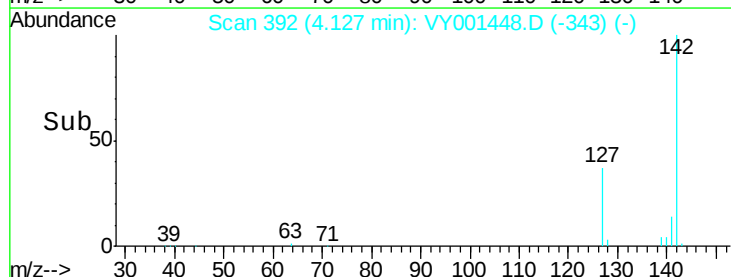
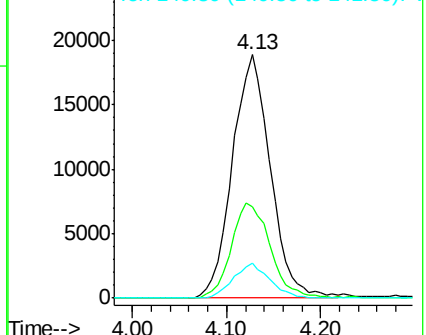
141 13.7 11.2 16.8

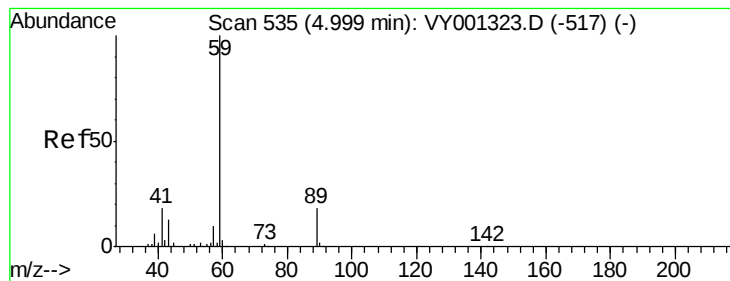


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 104.86 ug/l

RT: 5.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

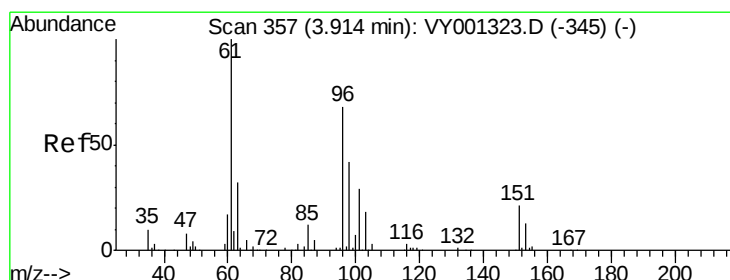
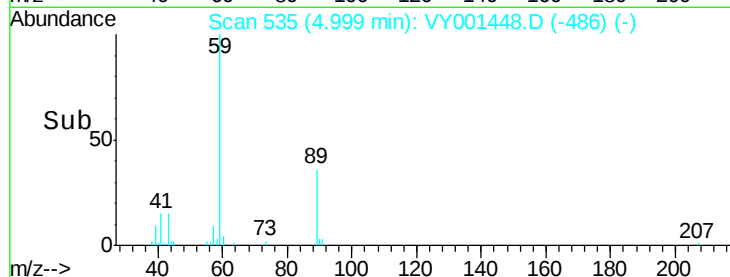
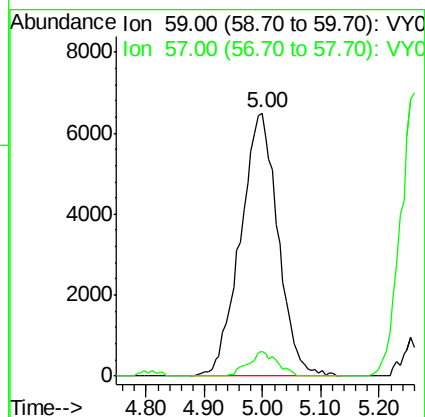
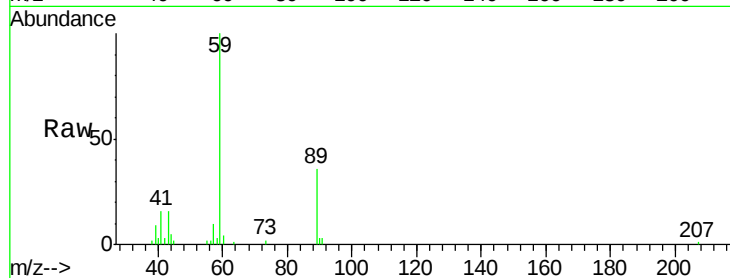
VY0131SBSD01

Tgt Ion: 59 Resp: 29015

Ion Ratio Lower Upper

59 100

57 7.1 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 22.59 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

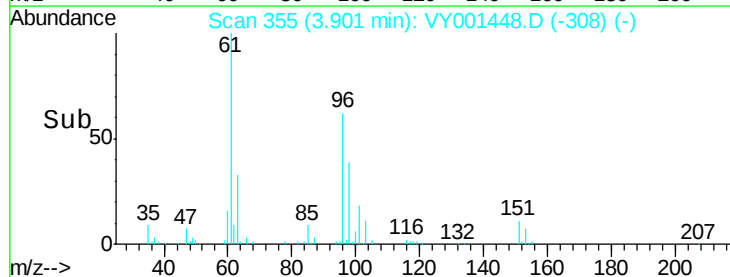
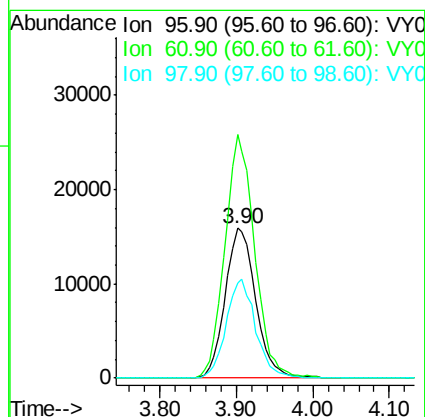
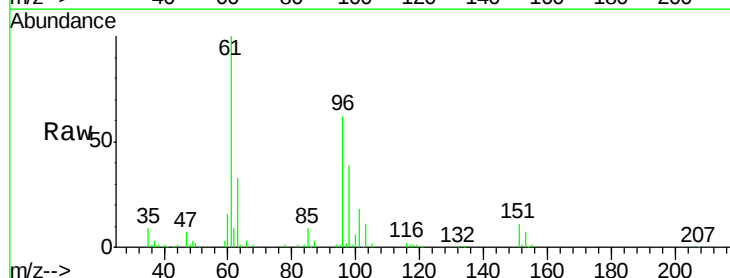
Tgt Ion: 96 Resp: 43810

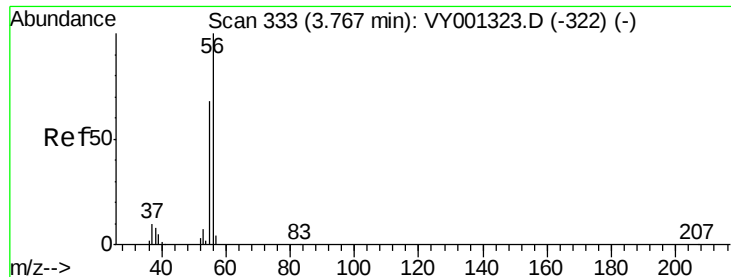
Ion Ratio Lower Upper

96 100

61 162.4 118.0 177.0

98 63.2 49.4 74.2





#13

Acrolein

Concen: 96.63 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

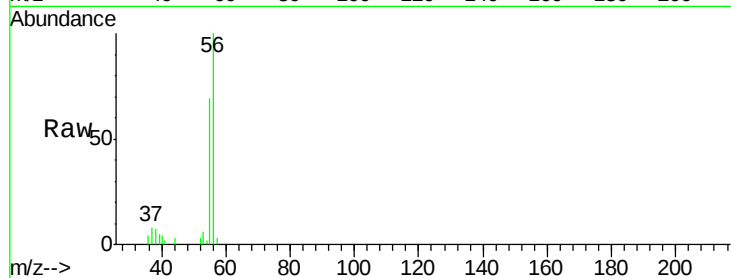
VY0131SBSD01

Tgt Ion: 56 Resp: 15413

Ion Ratio Lower Upper

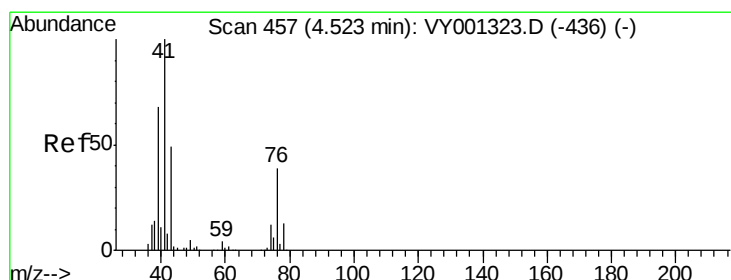
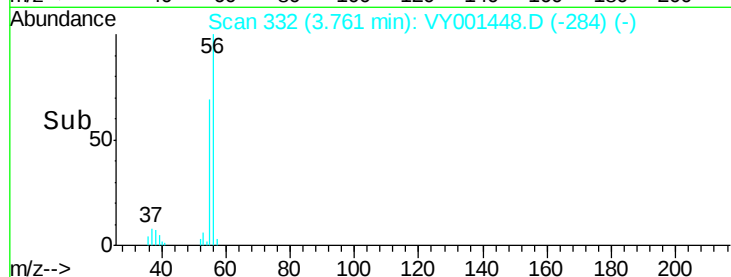
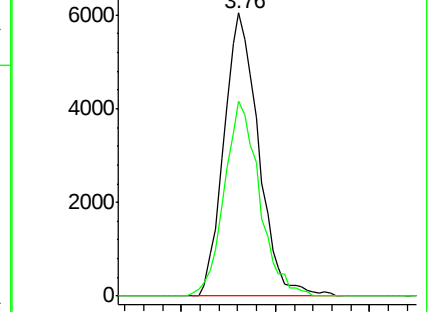
56 100

55 69.9 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.49 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

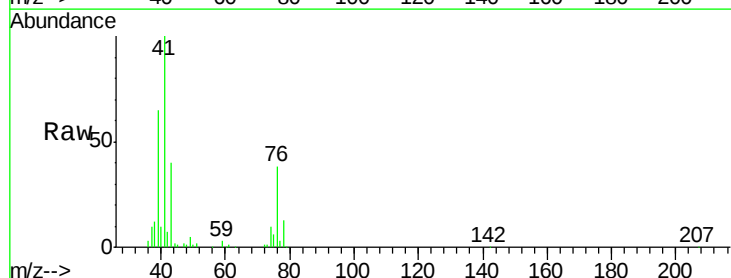
Tgt Ion: 41 Resp: 77771

Ion Ratio Lower Upper

41 100

39 65.5 52.2 78.4

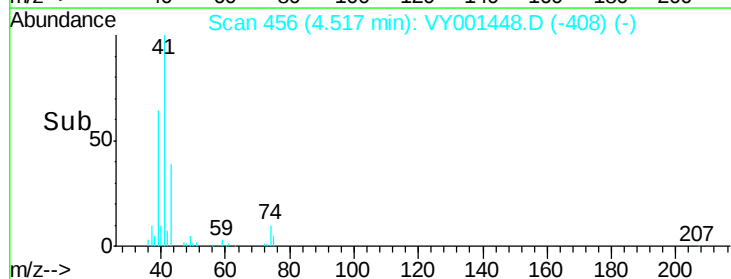
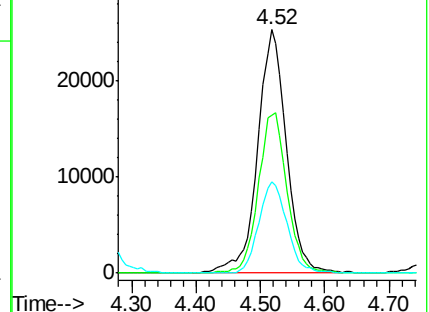
76 36.5 29.1 43.7

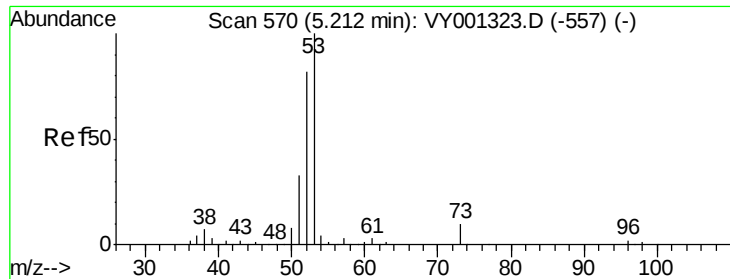


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 101.66 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

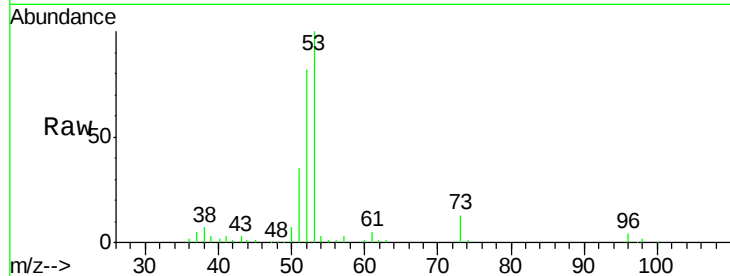
Tgt Ion: 53 Resp: 63801

Ion Ratio Lower Upper

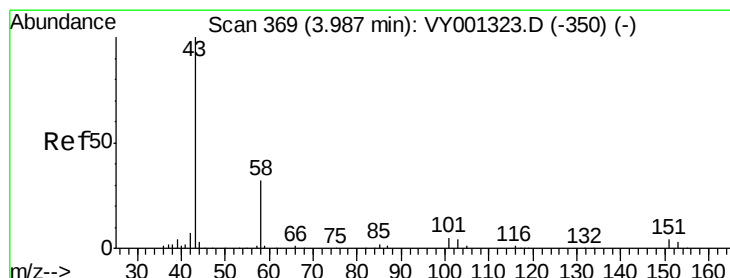
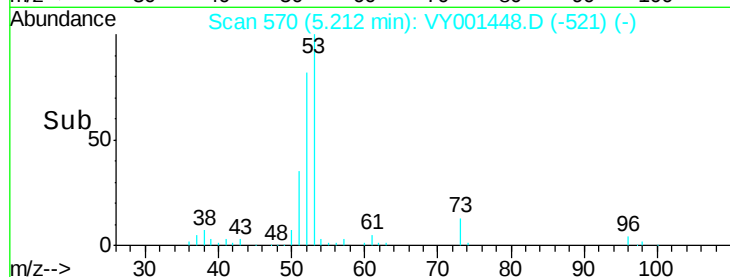
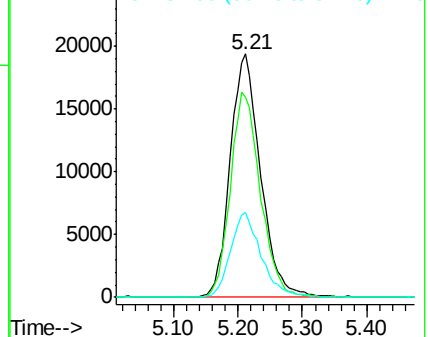
53 100

52 83.3 65.3 97.9

51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 100.44 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001448.D

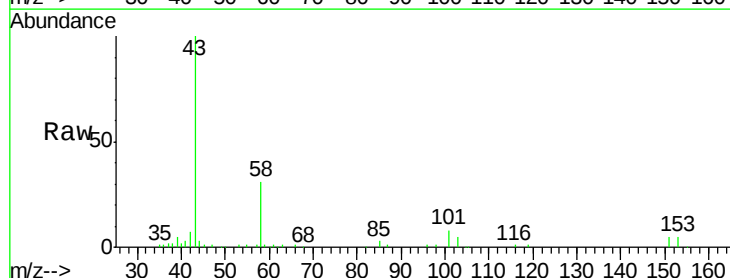
Acq: 31 Jan 2020 12:33

Tgt Ion: 43 Resp: 54961

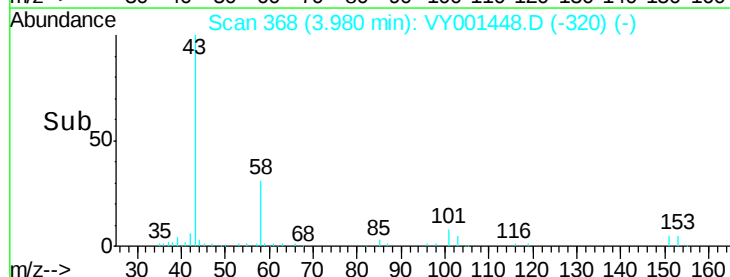
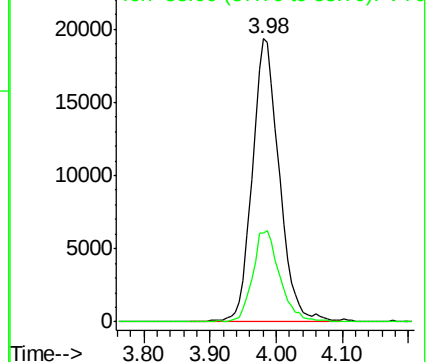
Ion Ratio Lower Upper

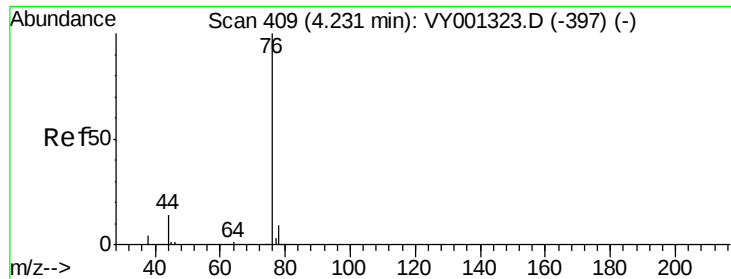
43 100

58 31.3 25.4 38.0



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

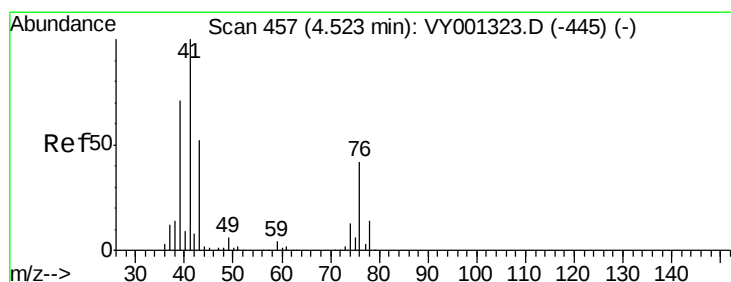
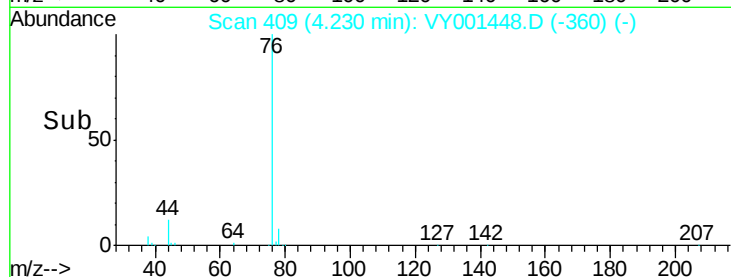
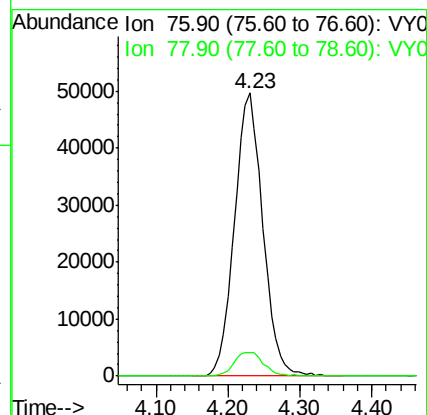
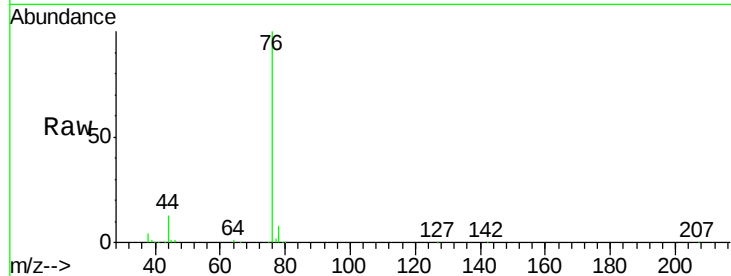




#17
Carbon Disulfide
Concen: 22.30 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

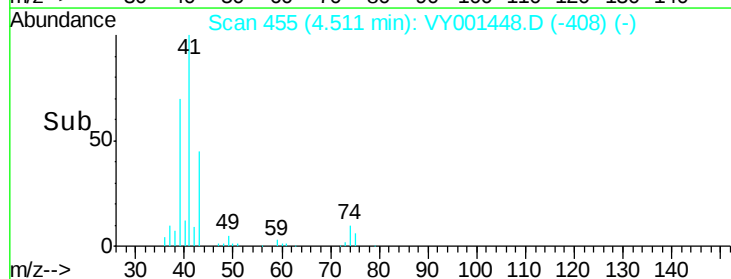
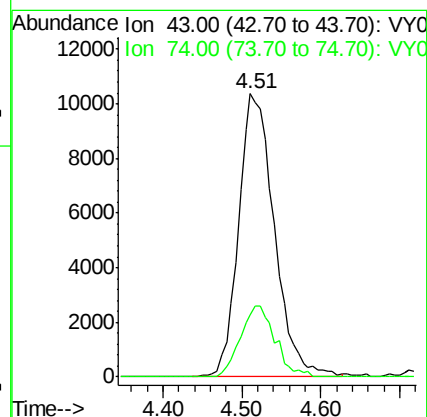
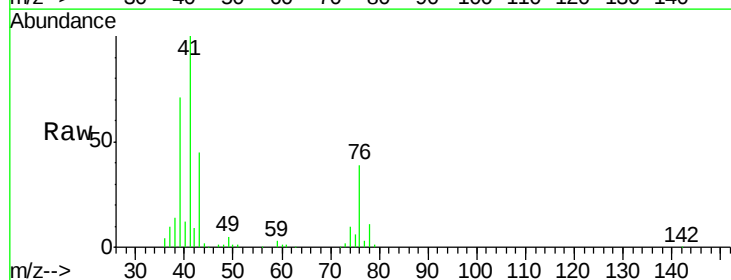
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

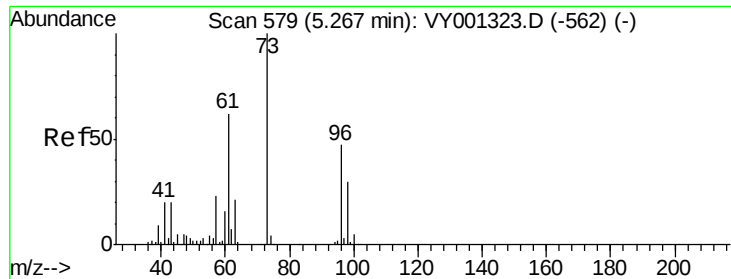
Tgt Ion: 76 Resp: 135991
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.47 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 43 Resp: 32635
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

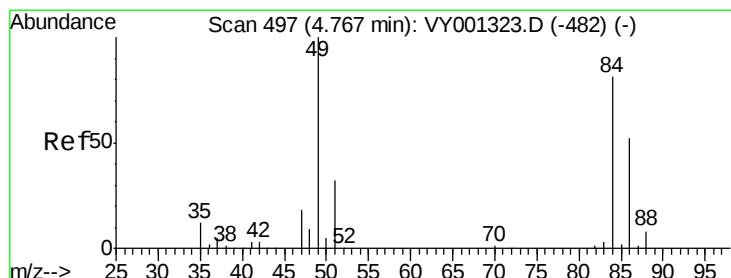
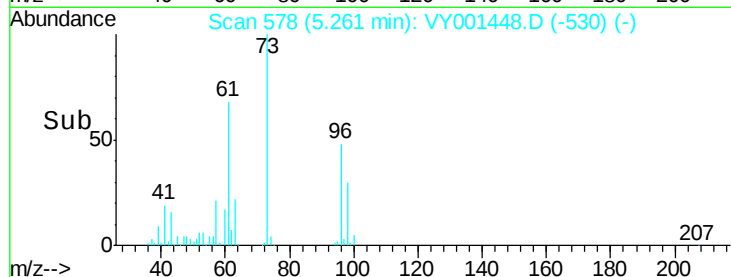
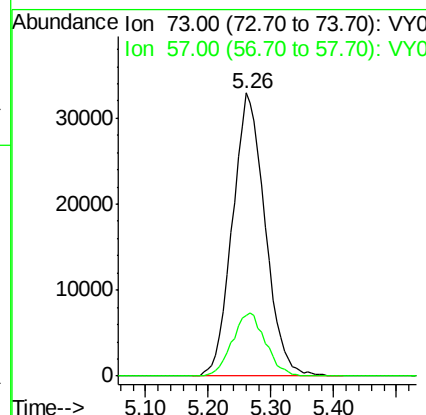
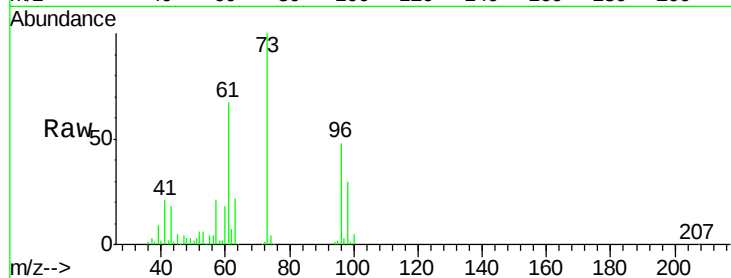




#19
Methyl tert-butyl Ether
Concen: 20.82 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

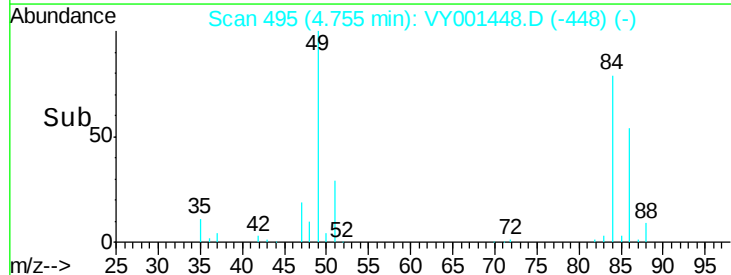
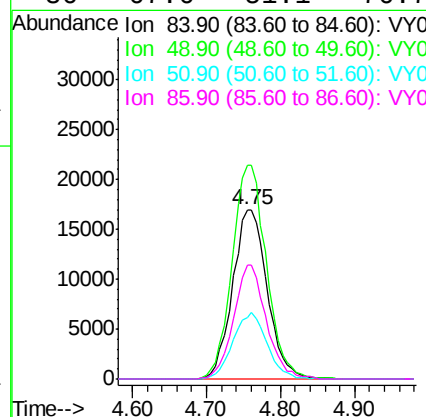
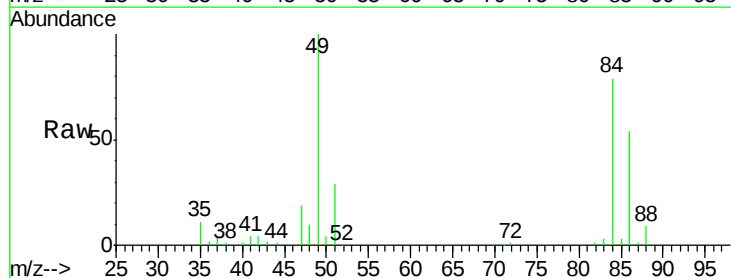
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

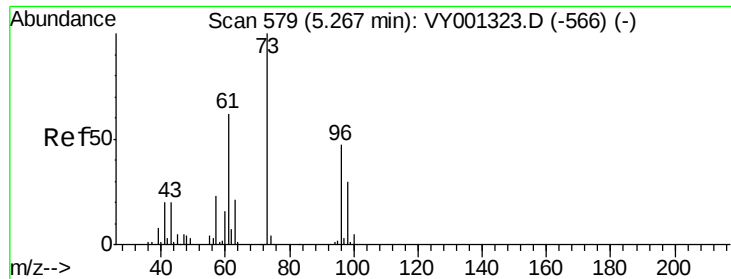
Tgt Ion: 73 Resp: 118195
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.2



#20
Methylene Chloride
Concen: 19.91 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 84 Resp: 55115
Ion Ratio Lower Upper
84 100
49 126.3 98.3 147.5
51 36.3 31.6 47.4
86 67.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 22.63 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

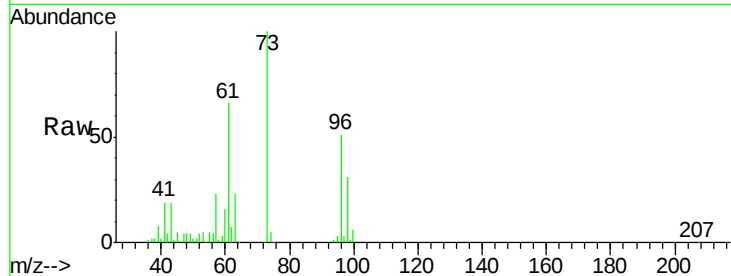
Tgt Ion: 96 Resp: 50981

Ion Ratio Lower Upper

96 100

61 130.3 106.8 160.2

98 61.7 51.0 76.6

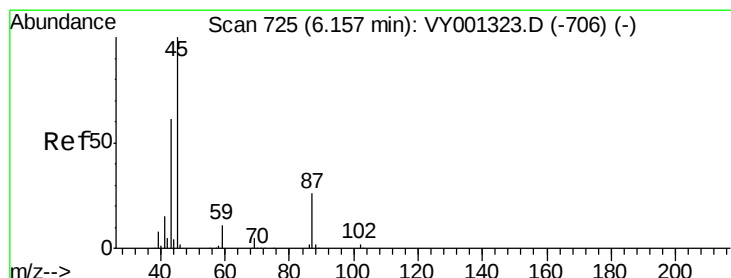
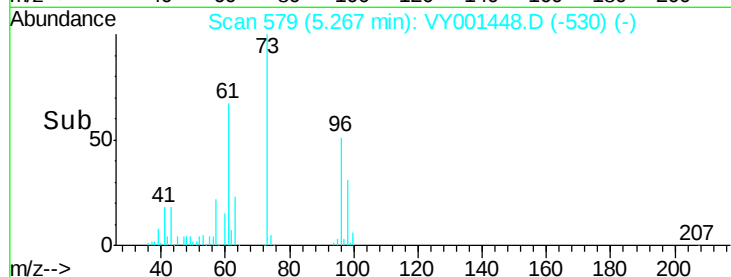
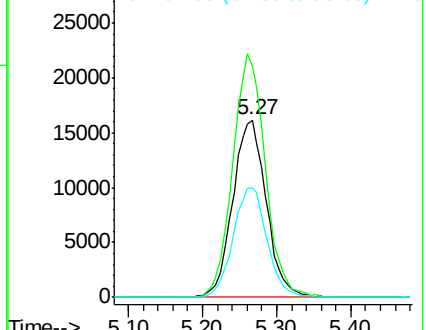


Abundance

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: 22.02 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Tgt Ion: 45 Resp: 161694

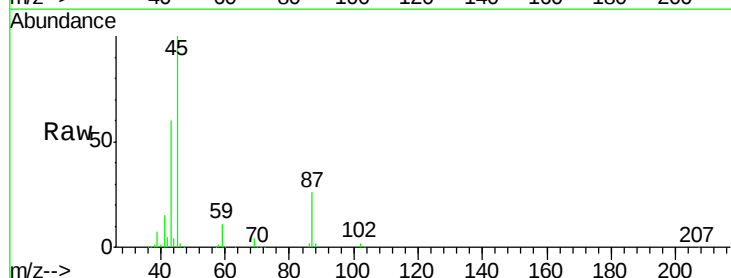
Ion Ratio Lower Upper

45 100

43 59.3 49.2 73.8

87 26.1 21.4 32.2

59 10.8 9.3 13.9



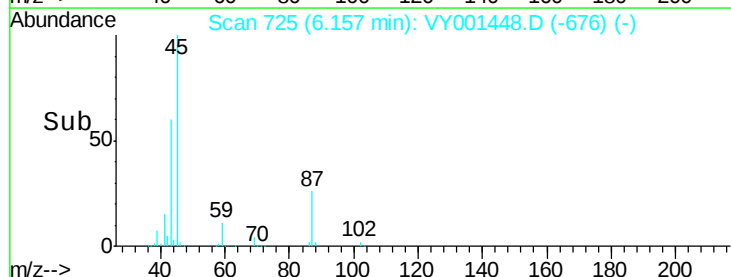
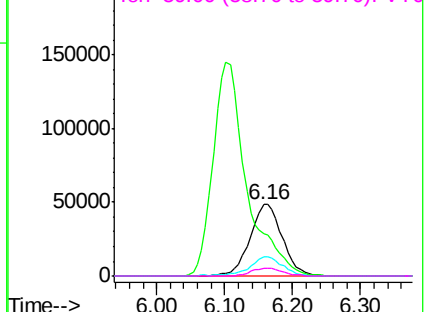
Abundance

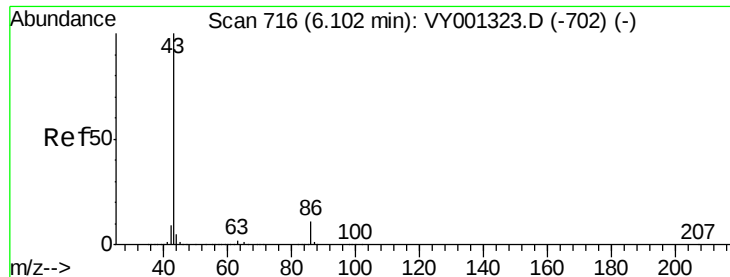
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

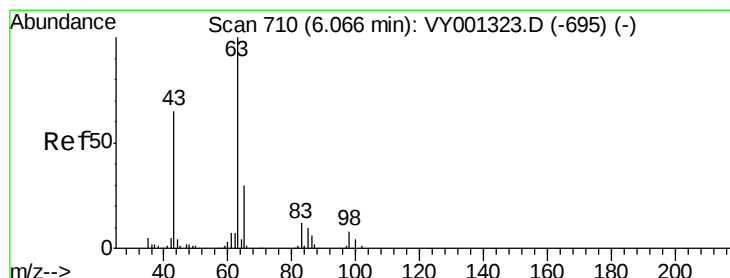
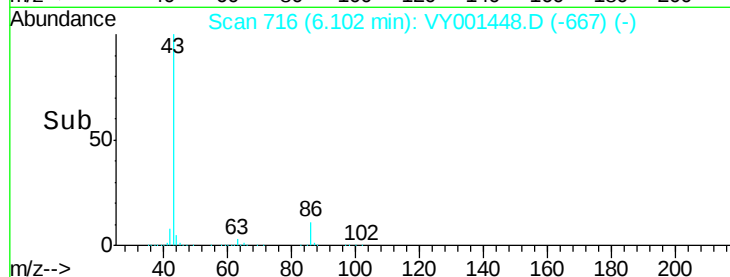
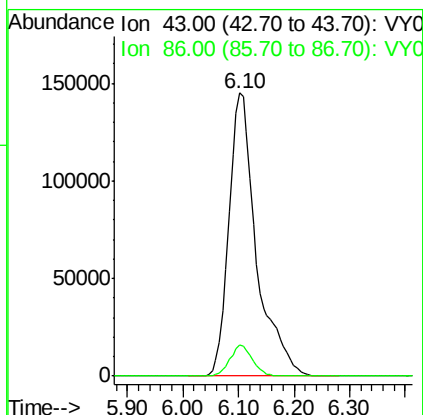
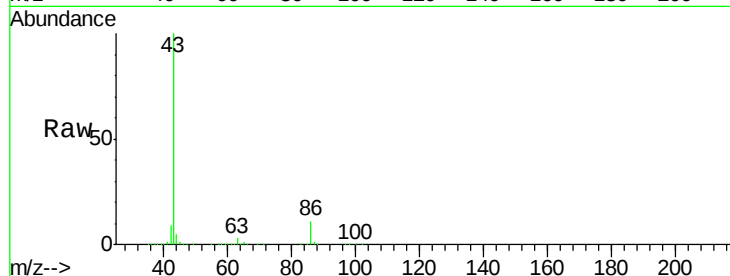




#23
 Vinyl Acetate
 Concen: 104.48 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

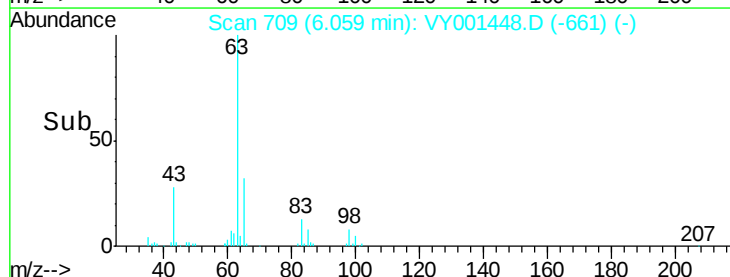
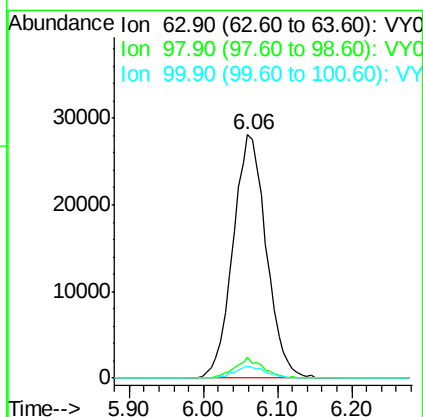
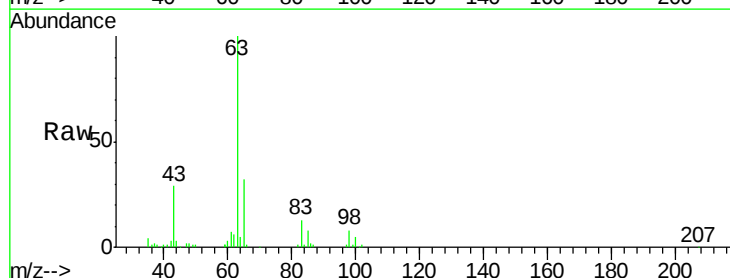
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

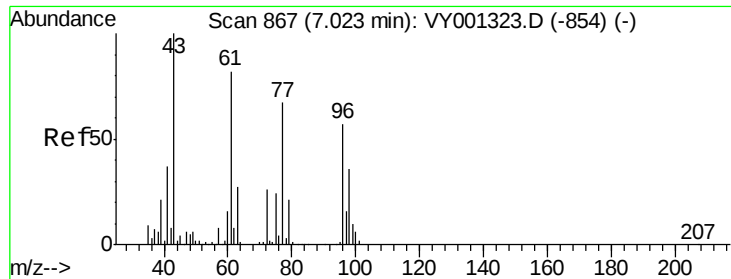
Tgt Ion: 43 Resp: 498119
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.76 ug/l
 RT: 6.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 63 Resp: 88117
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.0
 100 4.6 2.1 6.3

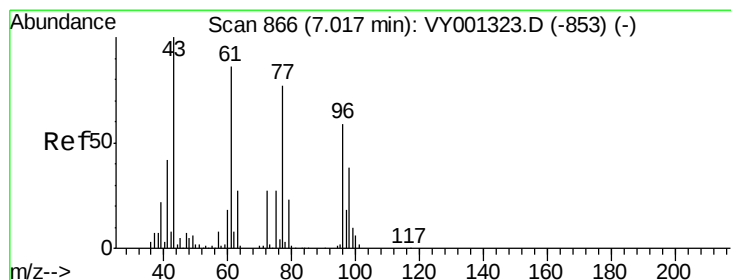
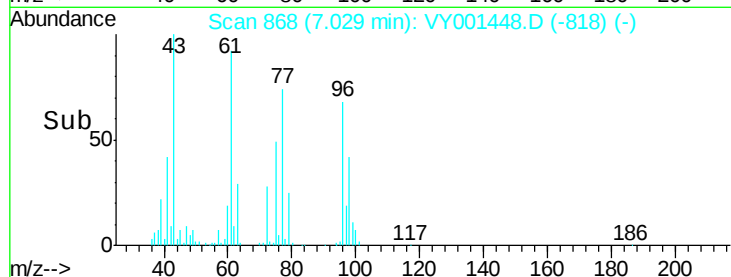
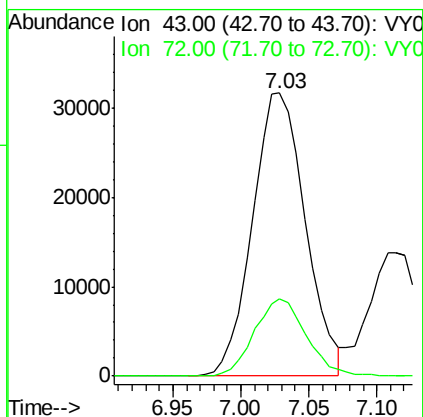
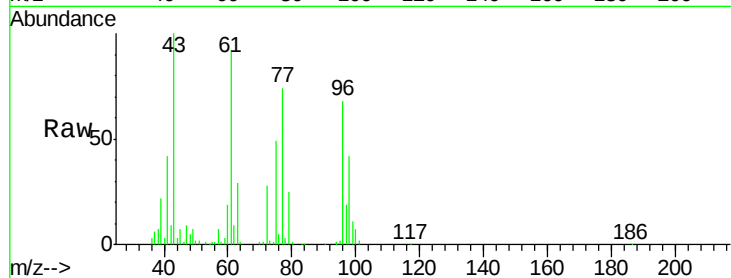




#25
2-Butanone
Concen: 99.52 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

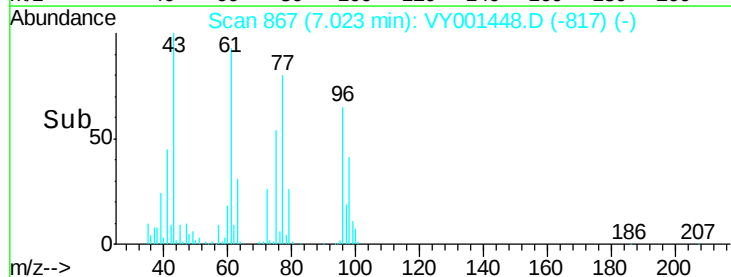
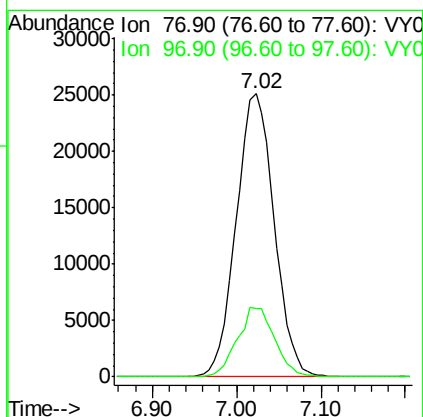
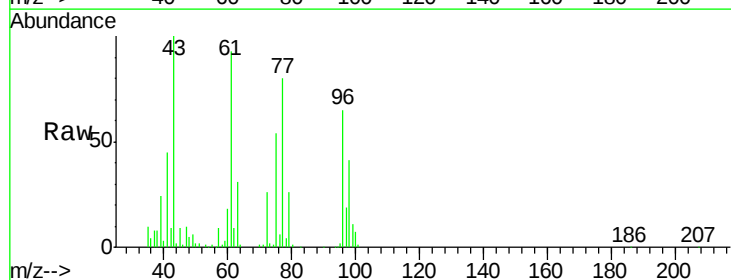
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

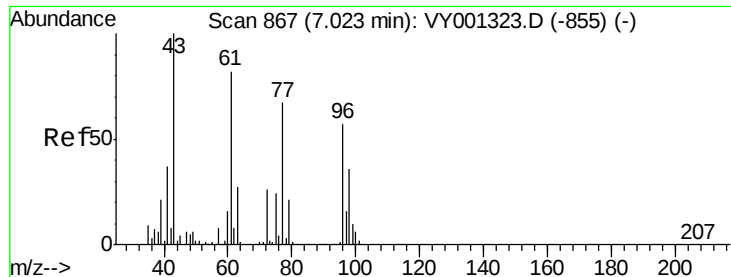
Tgt Ion: 43 Resp: 86096
Ion Ratio Lower Upper
43 100
72 27.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 22.23 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 77 Resp: 76636
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5



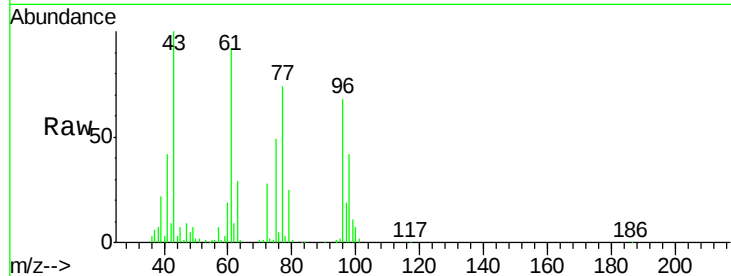


#27

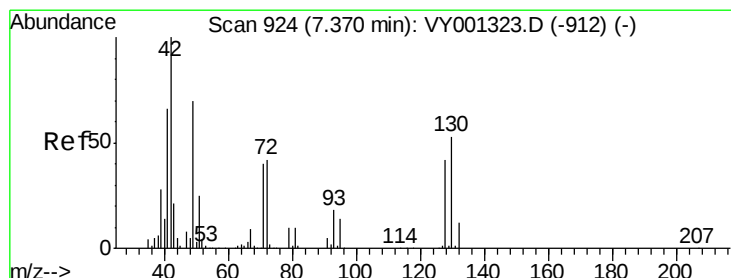
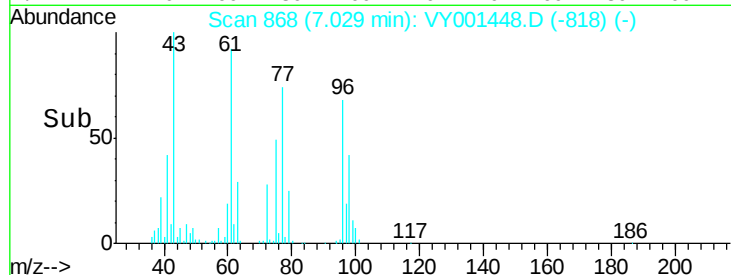
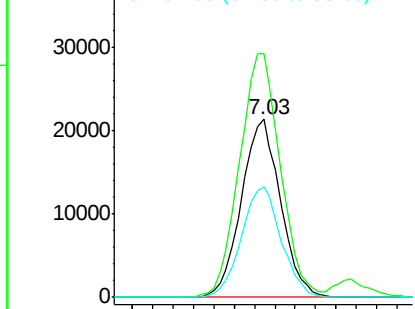
cis-1,2-Dichloroethene
Concen: 22.64 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 96 Resp: 57000
Ion Ratio Lower Upper
96 100
61 143.4 0.0 284.8
98 63.1 0.0 128.4



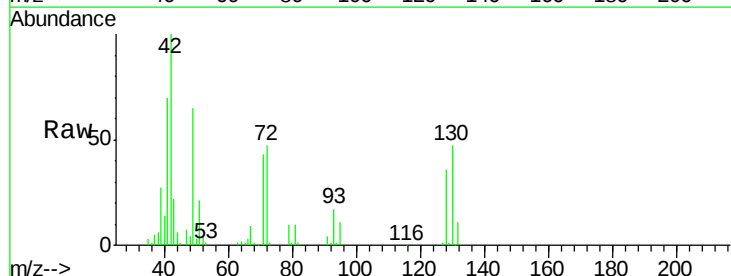
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



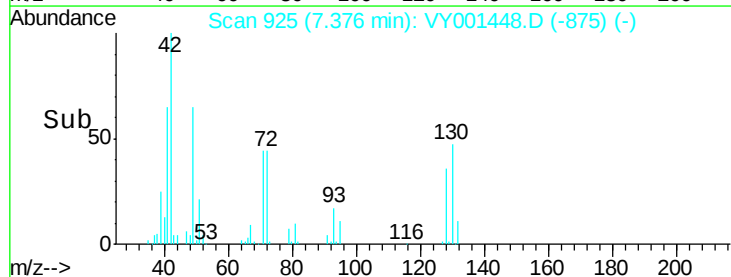
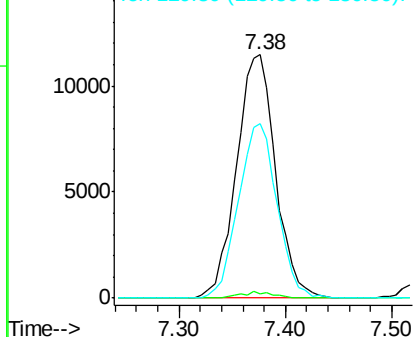
#28

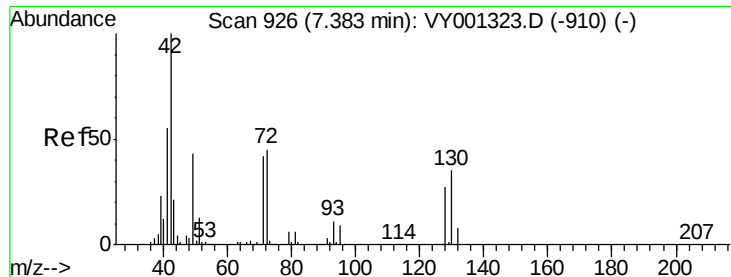
Bromochloromethane
Concen: 18.45 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 49 Resp: 29445
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 71.1 58.9 88.3



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

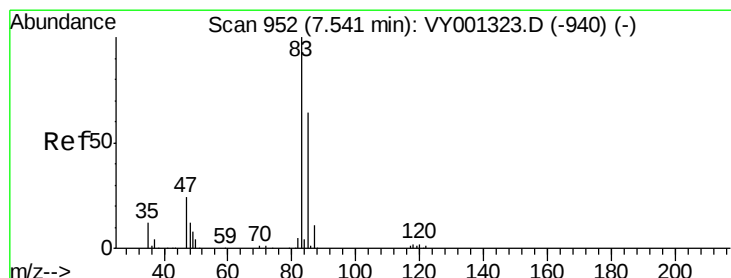
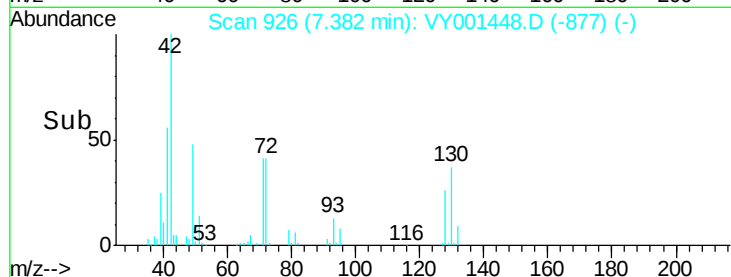
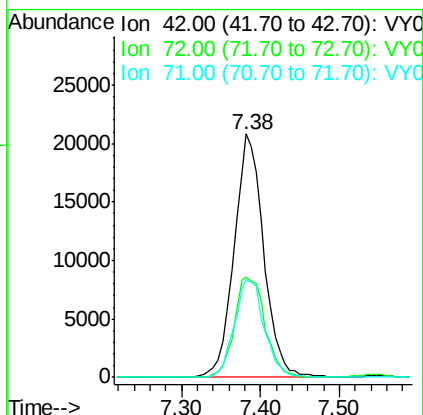
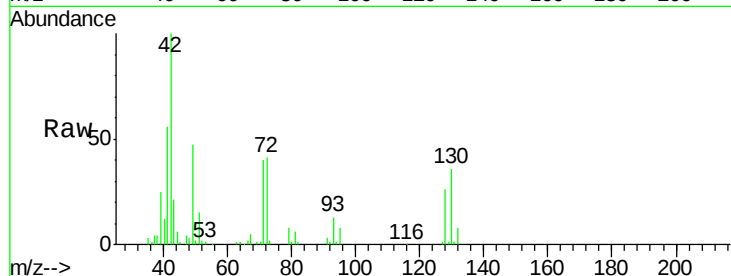




#29
Tetrahydrofuran
Concen: 96.14 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

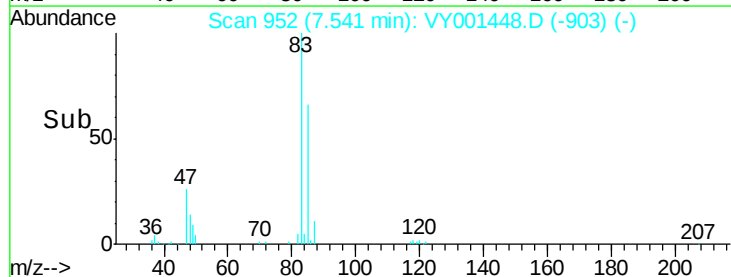
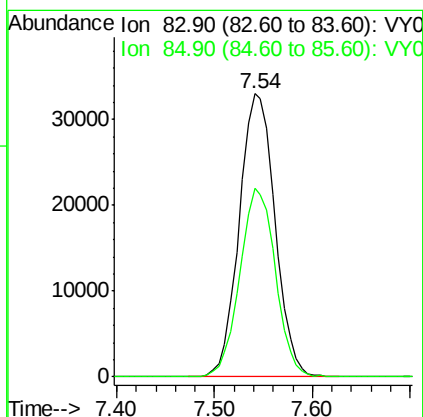
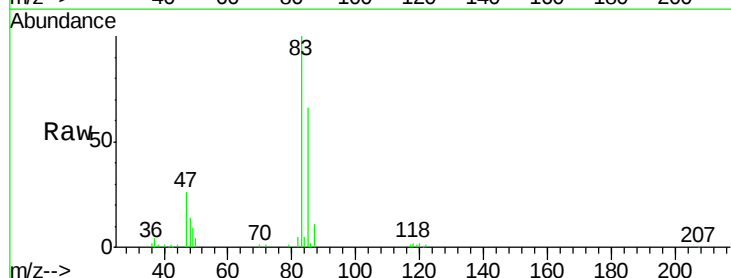
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

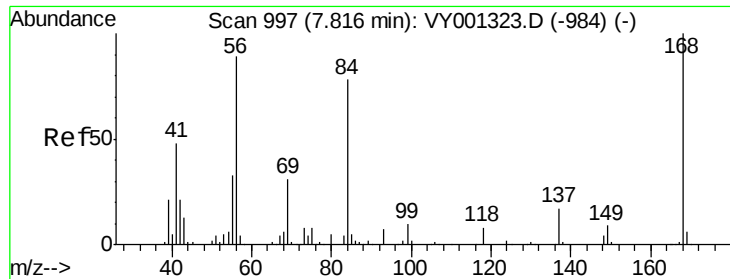
Tgt Ion: 42 Resp: 54106
Ion Ratio Lower Upper
42 100
72 42.8 34.6 51.8
71 40.6 32.6 48.8



#30
Chloroform
Concen: 22.03 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 83 Resp: 83603
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3

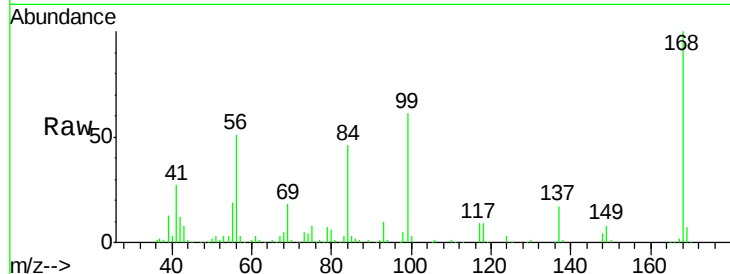




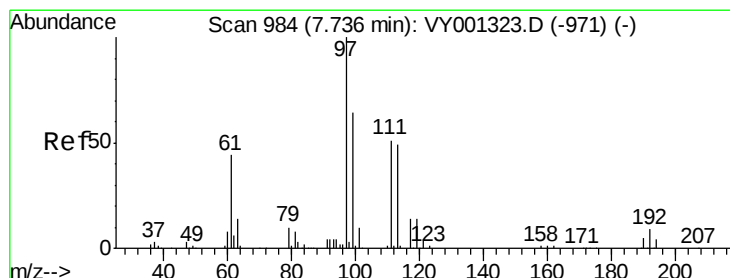
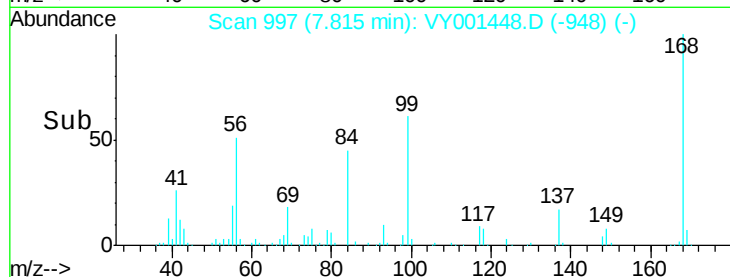
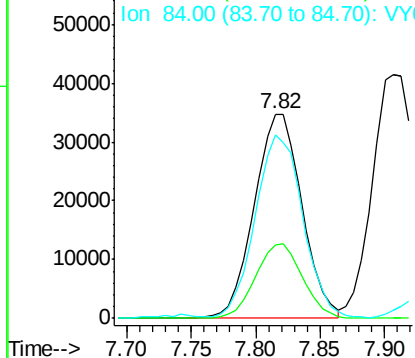
#31
Cyclohexane
Concen: 23.21 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 56 Resp: 89208
Ion Ratio Lower Upper
56 100
69 35.8 27.6 41.4
84 88.9 69.7 104.5

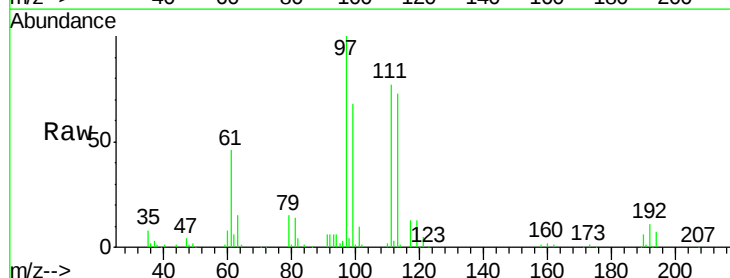


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

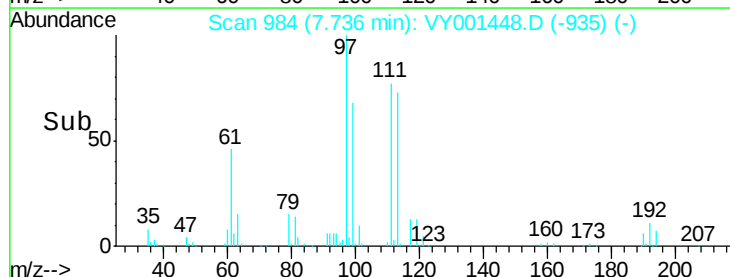
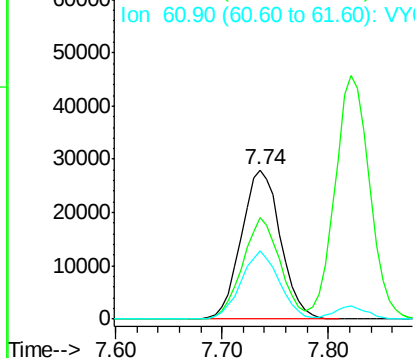


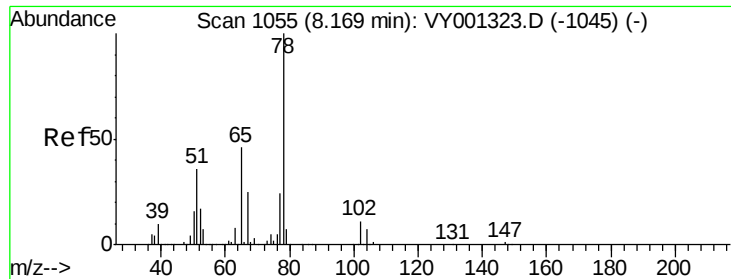
#32
1,1,1-Trichloroethane
Concen: 22.65 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 97 Resp: 72547
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 44.6 35.9 53.9



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: 47.56 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

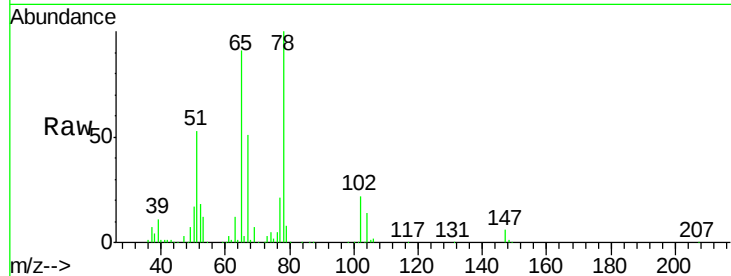
VY0131SBSD01

Tgt Ion: 65 Resp: 94518

Ion Ratio Lower Upper

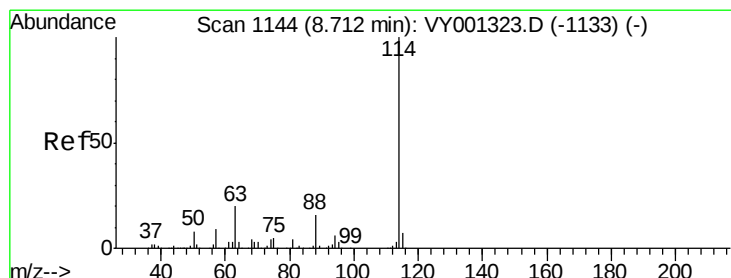
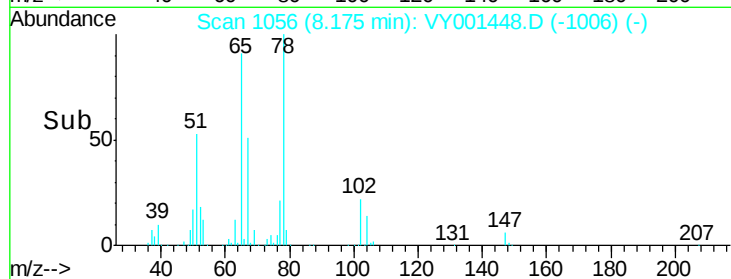
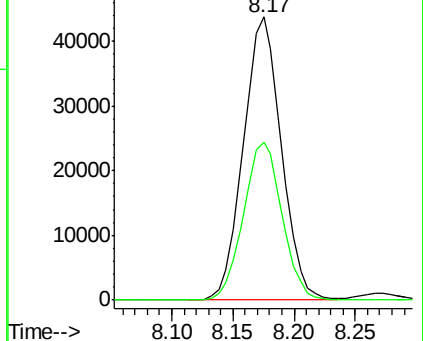
65 100

67 56.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

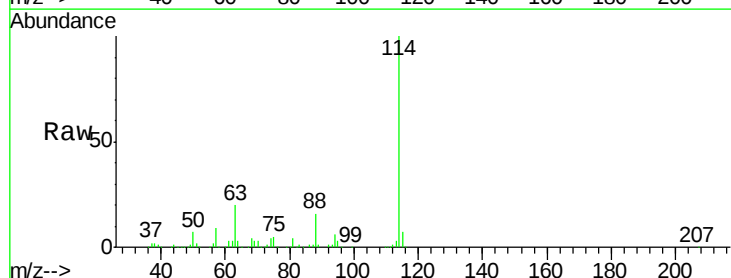
Tgt Ion: 114 Resp: 317239

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

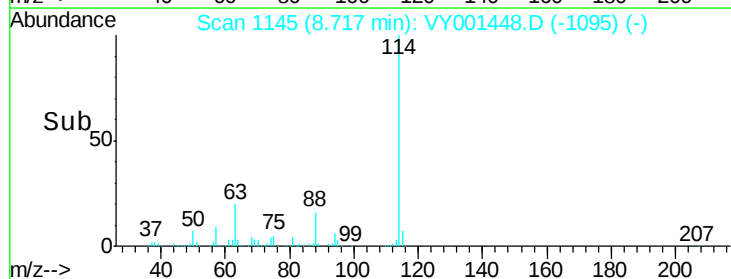
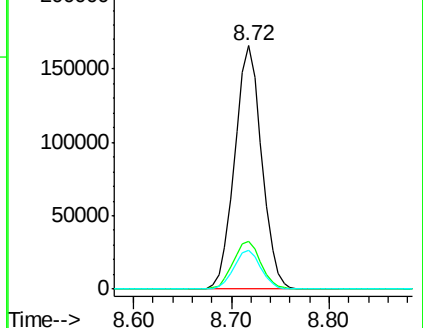
88 15.9 0.0 31.0

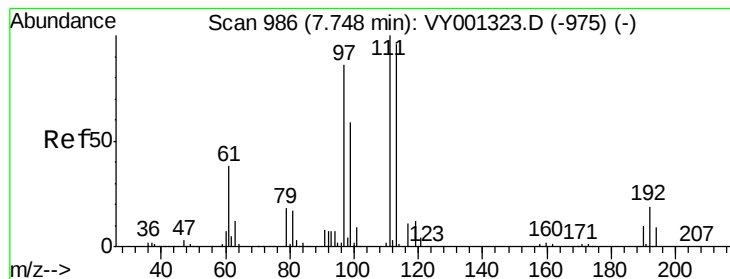


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.10 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

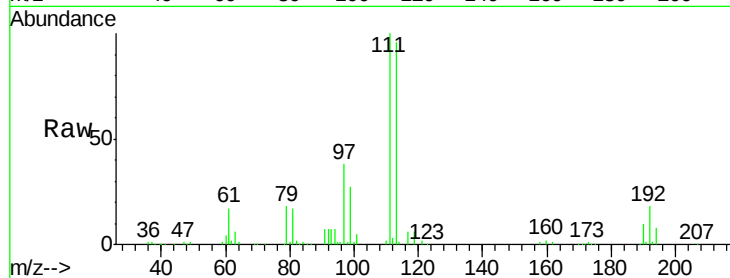
Tgt Ion:113 Resp: 93288

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

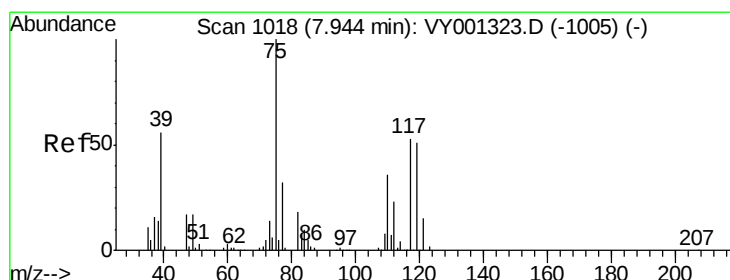
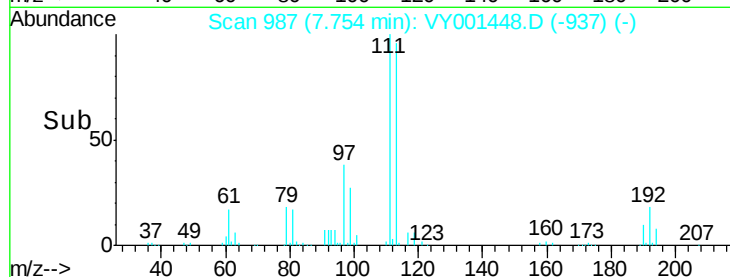
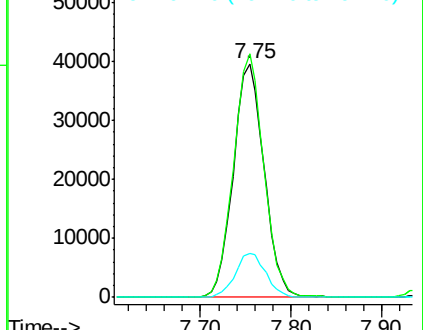
192 18.8 15.5 23.3



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: 23.28 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

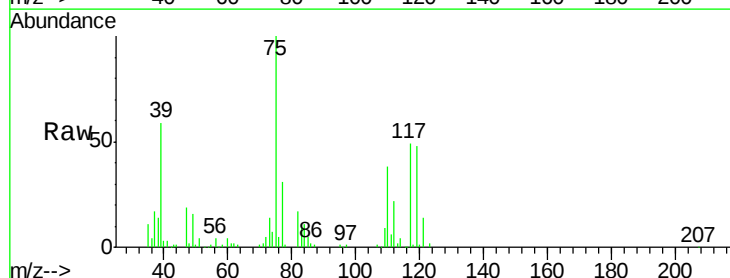
Tgt Ion: 75 Resp: 69772

Ion Ratio Lower Upper

75 100

110 35.9 17.6 52.8

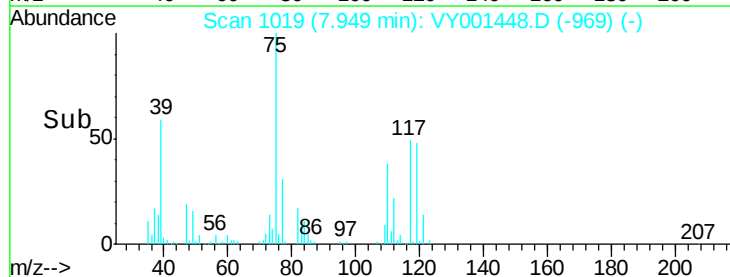
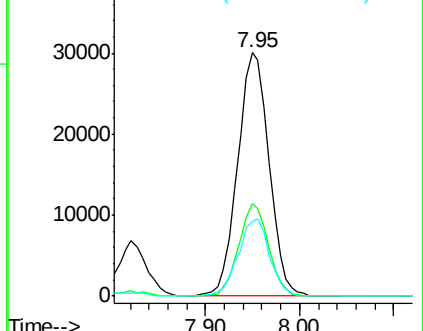
77 31.8 24.7 37.1

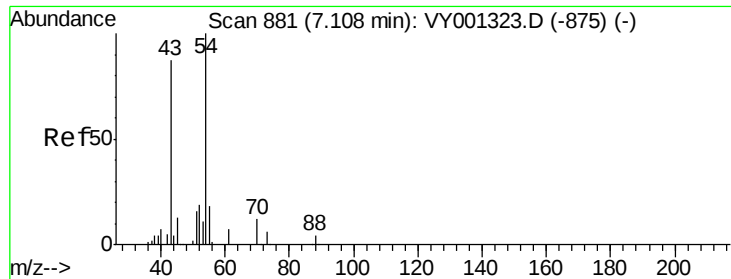


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

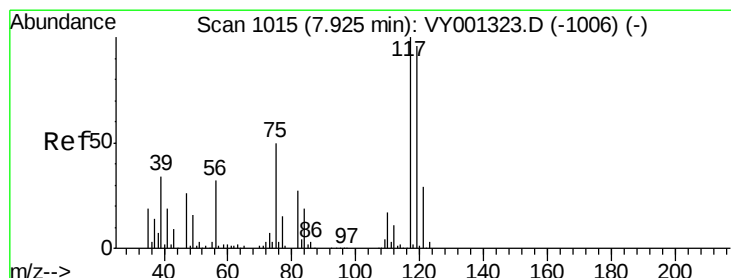
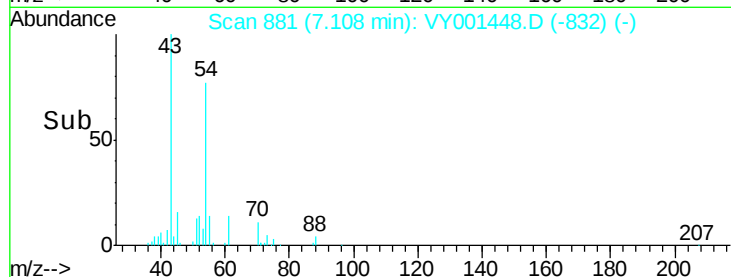
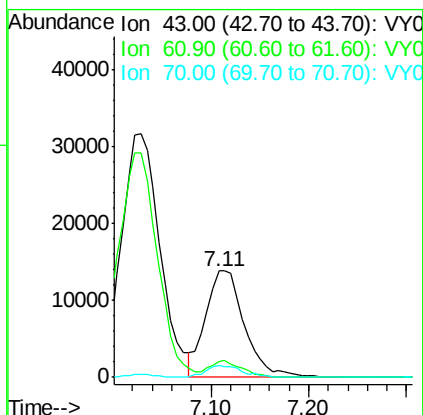
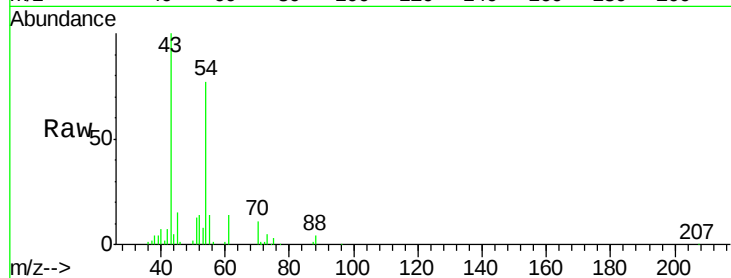




#37
Ethyl Acetate
Concen: 20.87 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

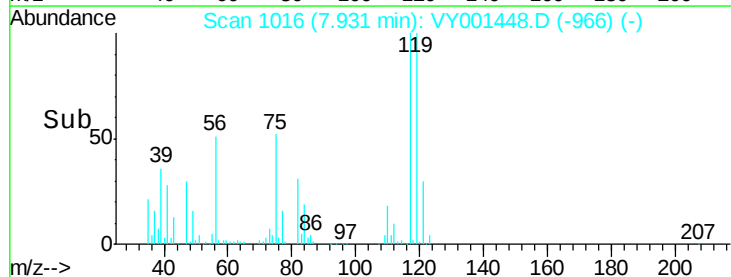
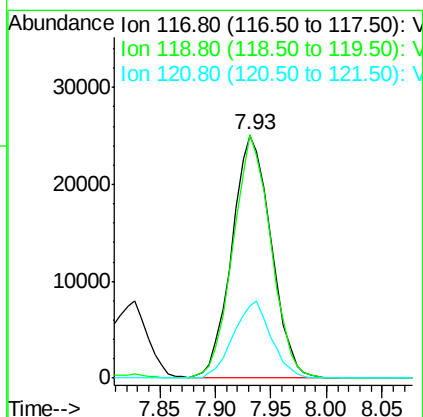
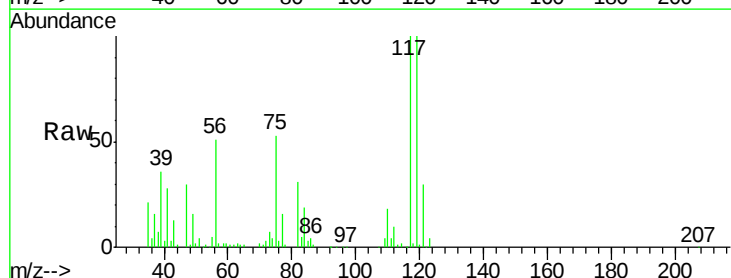
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

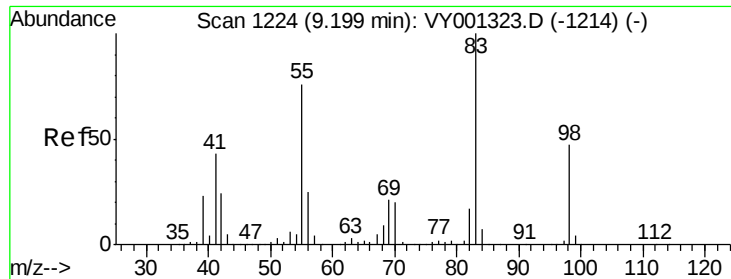
Tgt Ion: 43 Resp: 38217
Ion Ratio Lower Upper
43 100
61 12.7 11.3 16.9
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.98 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 117 Resp: 61392
Ion Ratio Lower Upper
117 100
119 100.4 76.3 114.5
121 29.9 23.5 35.3

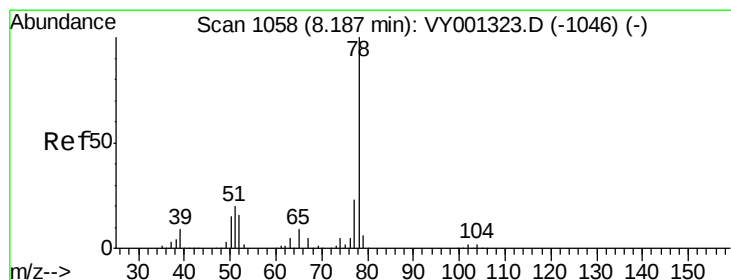
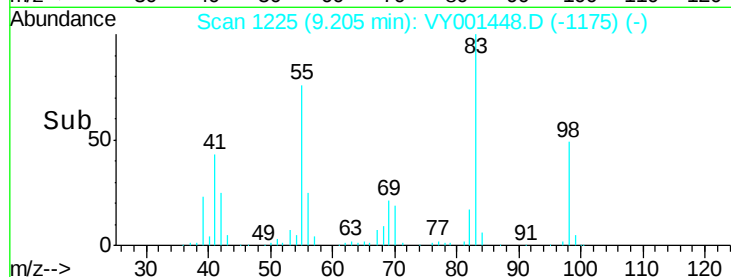
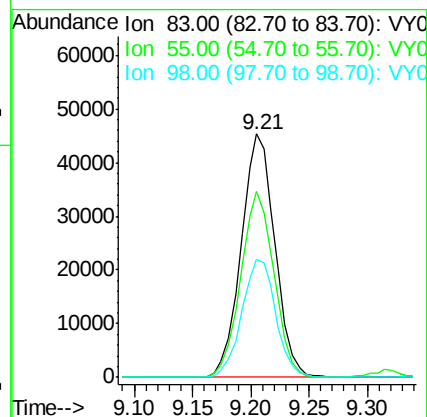
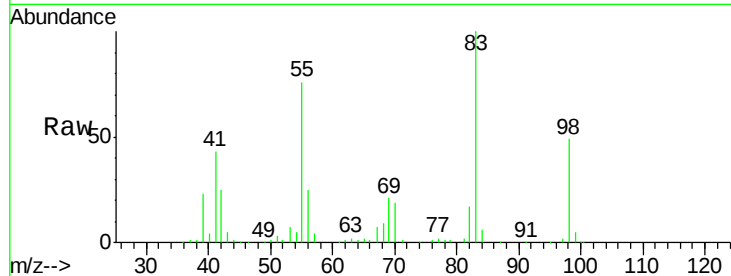




#39
Methylcyclohexane
Concen: 23.75 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

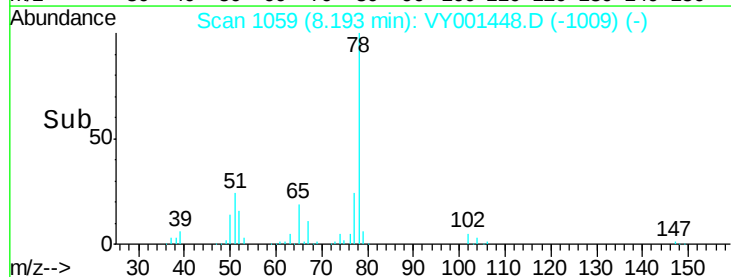
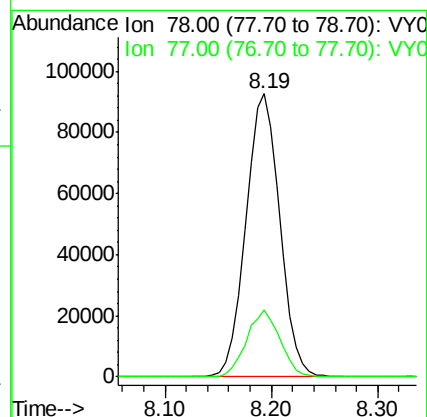
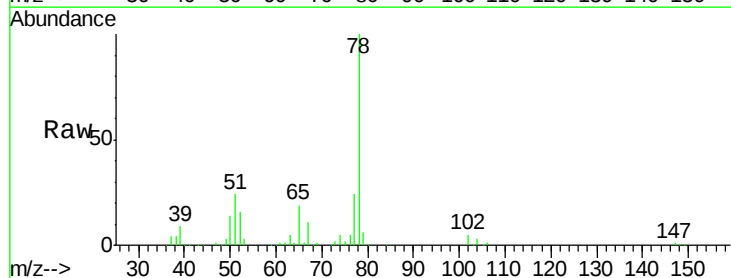
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

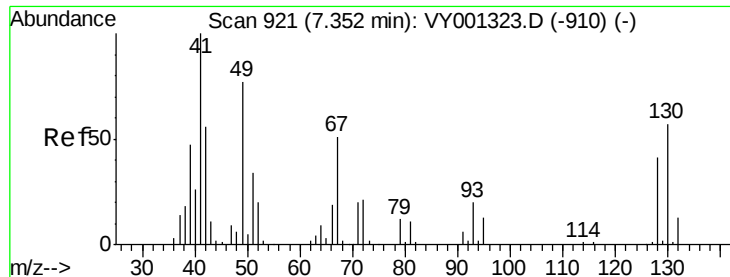
Tgt Ion: 83 Resp: 91180
Ion Ratio Lower Upper
83 100
55 76.5 60.7 91.1
98 48.5 37.8 56.8



#40
Benzene
Concen: 23.06 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 78 Resp: 207219
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

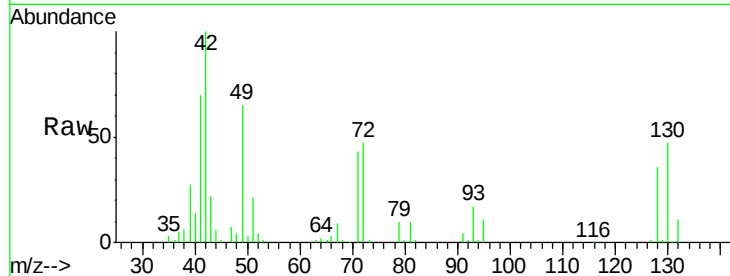




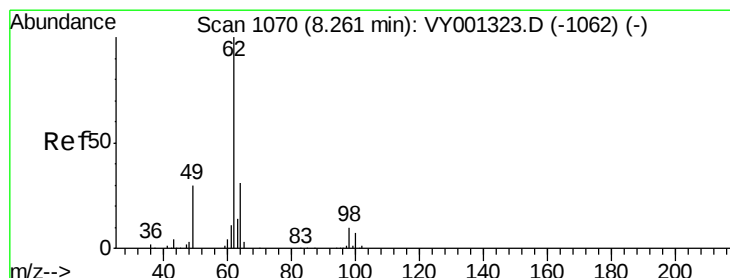
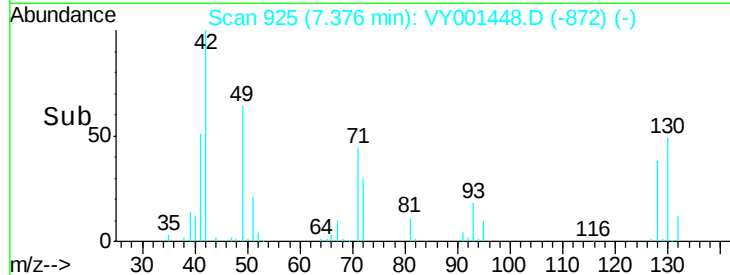
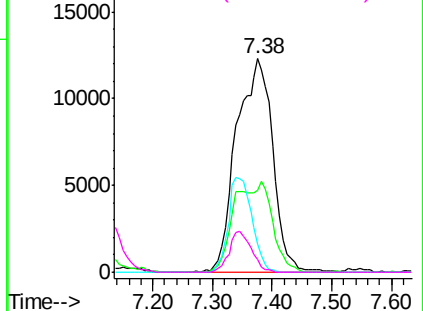
#41
Methacrylonitrile
Concen: 54.76 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:	41	Resp:	51741
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

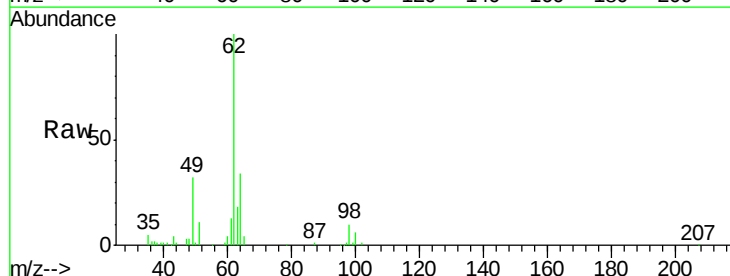


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

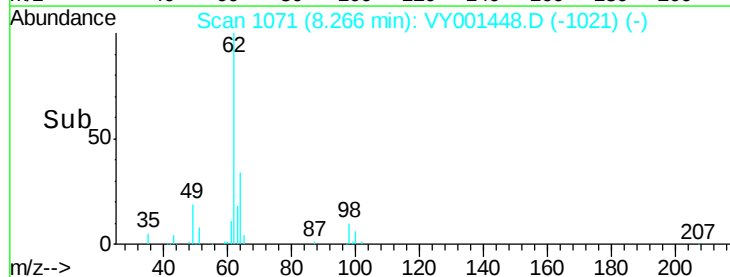
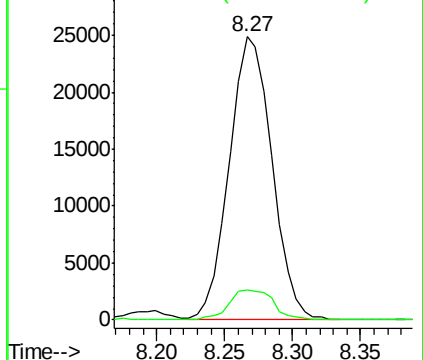


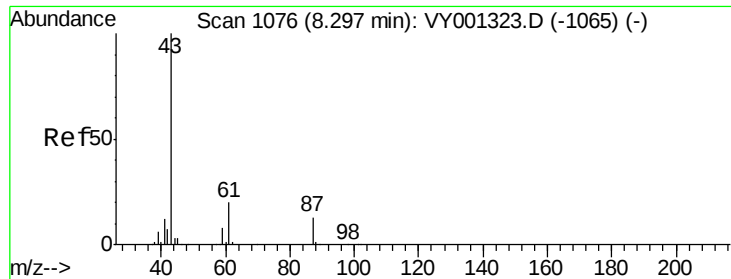
#42
1,2-Dichloroethane
Concen: 21.74 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:	62	Resp:	54592
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8



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

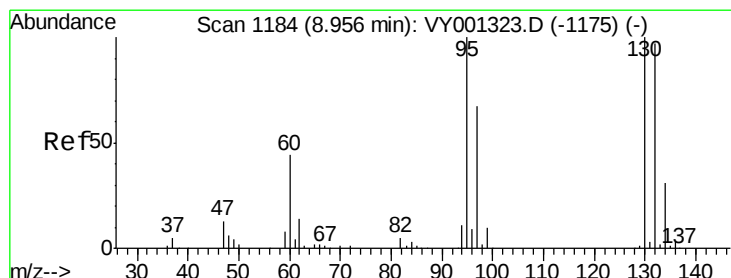
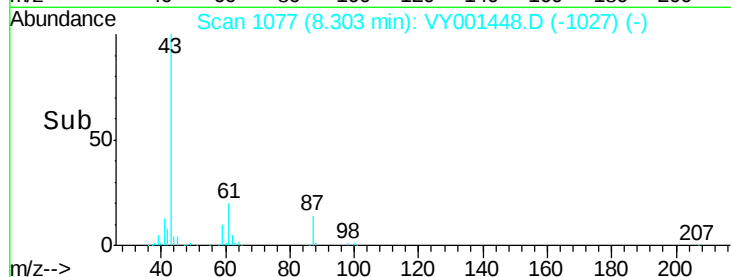
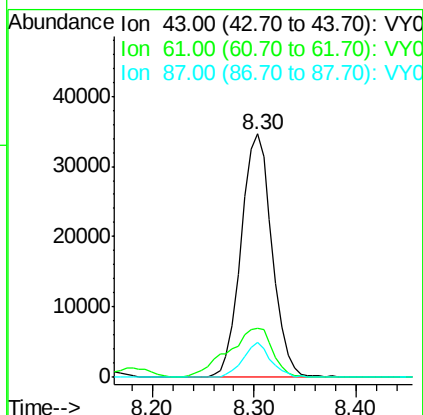
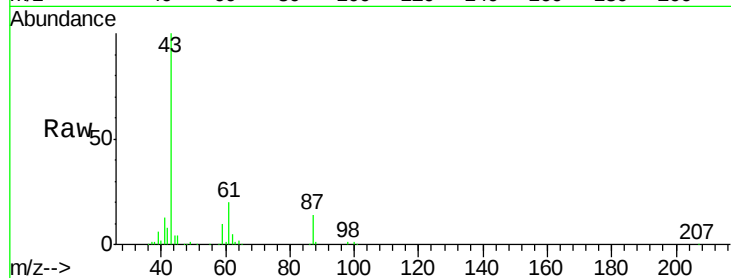




#43
Isopropyl Acetate
Concen: 20.53 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

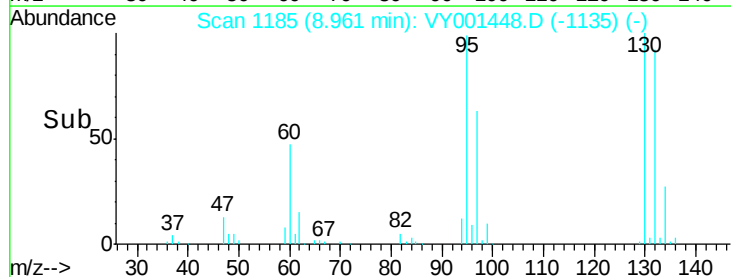
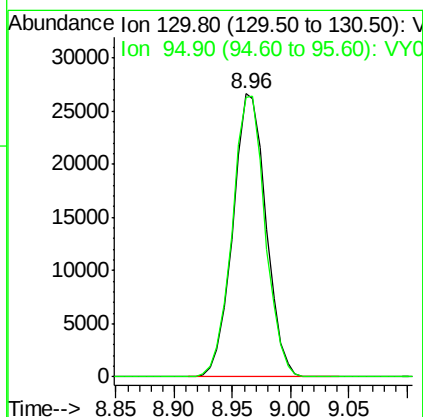
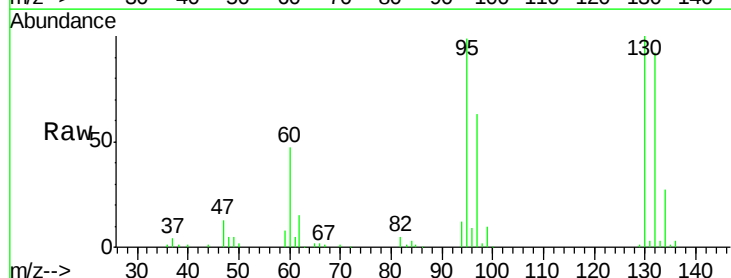
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

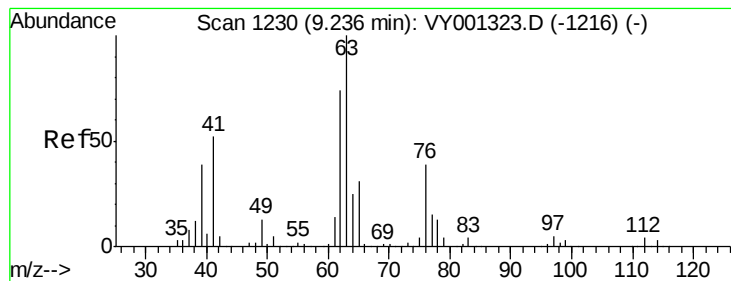
Tgt Ion: 43 Resp: 73101
Ion Ratio Lower Upper
43 100
61 29.2 22.7 34.1
87 12.9 11.0 16.4



#44
Trichloroethene
Concen: 22.90 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 130 Resp: 52798
Ion Ratio Lower Upper
130 100
95 98.9 0.0 200.0





#45

1,2-Dichloropropane

Concen: 23.00 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

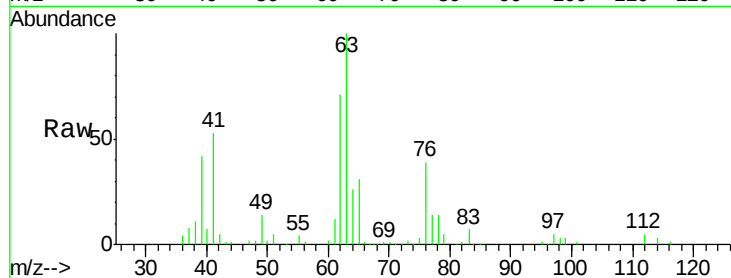
VY0131SBS01

Tgt Ion: 63 Resp: 52261

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.24

25000

20000

15000

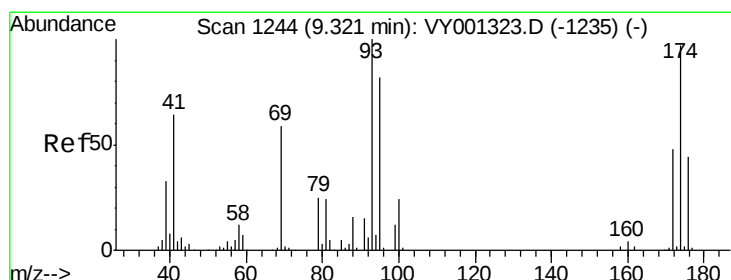
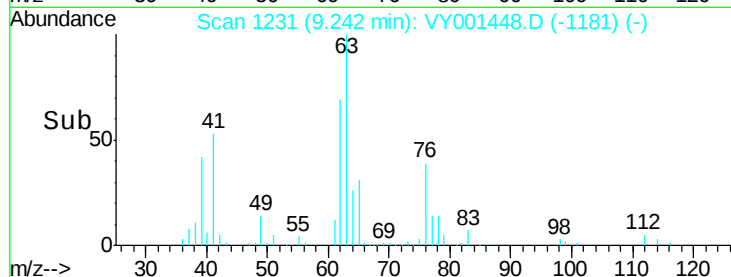
10000

5000

0

Time-->

9.15 9.20 9.25 9.30 9.35



#46

Dibromomethane

Concen: 21.88 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

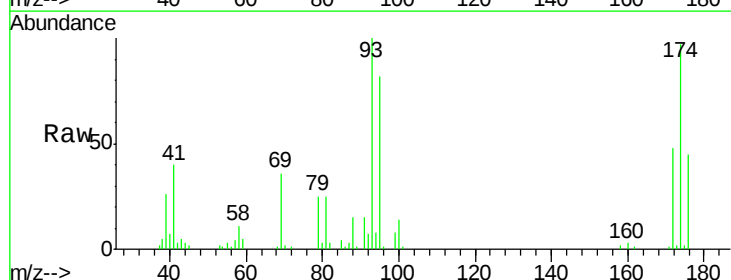
Tgt Ion: 93 Resp: 26690

Ion Ratio Lower Upper

93 100

95 80.9 66.5 99.7

174 92.4 77.9 116.9



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

15000

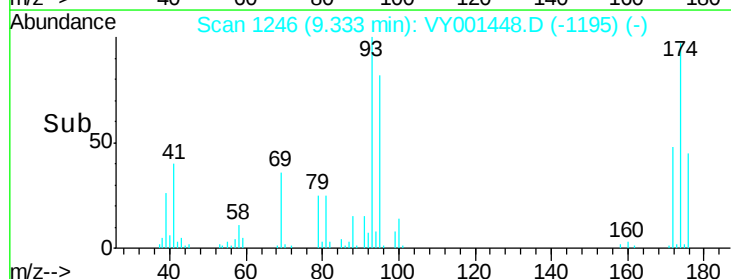
10000

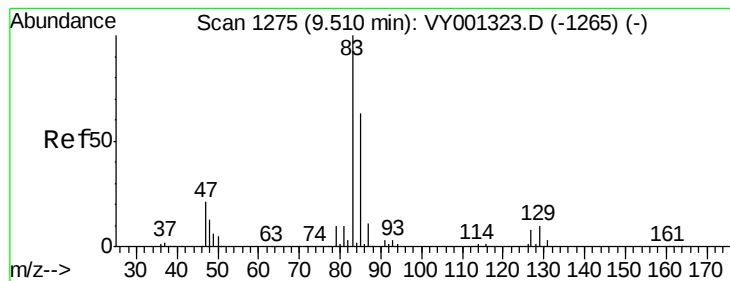
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 22.57 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

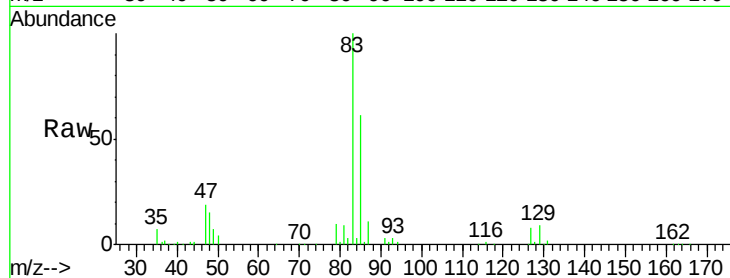
Tgt Ion: 83 Resp: 65815

Ion Ratio Lower Upper

83 100

85 61.3 50.2 75.2

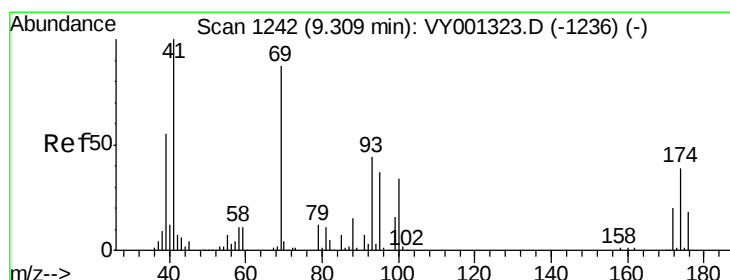
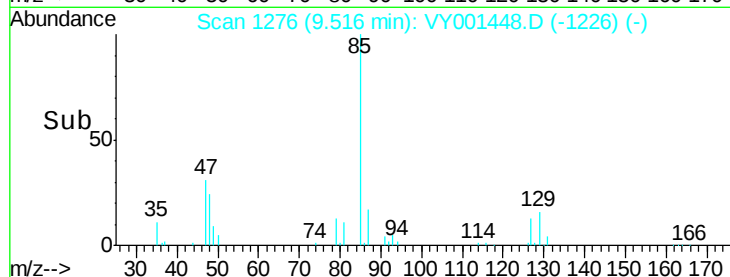
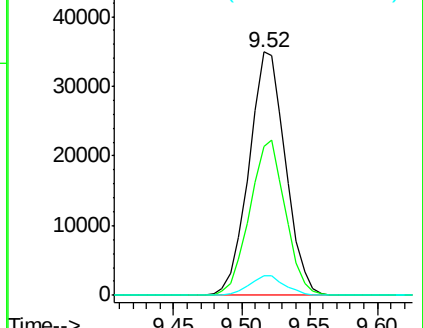
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 21.26 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

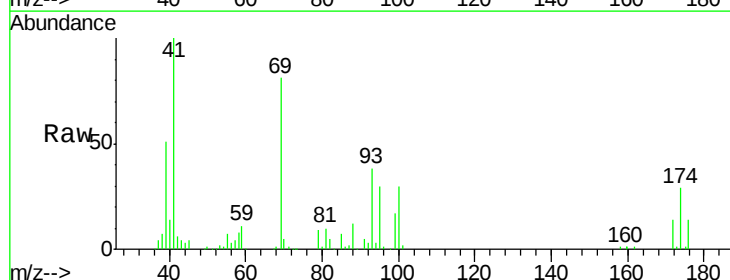
Tgt Ion: 41 Resp: 34418

Ion Ratio Lower Upper

41 100

69 83.6 70.2 105.4

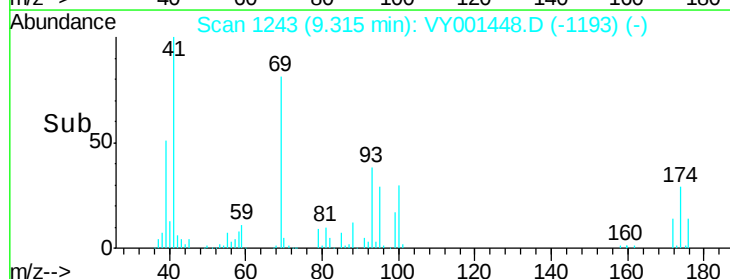
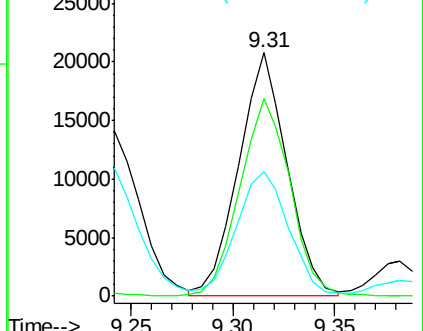
39 52.1 45.7 68.5

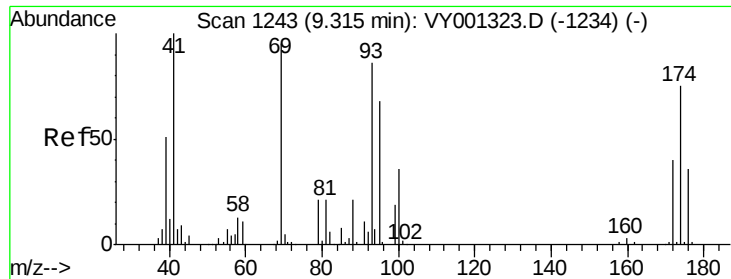


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 422.64 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

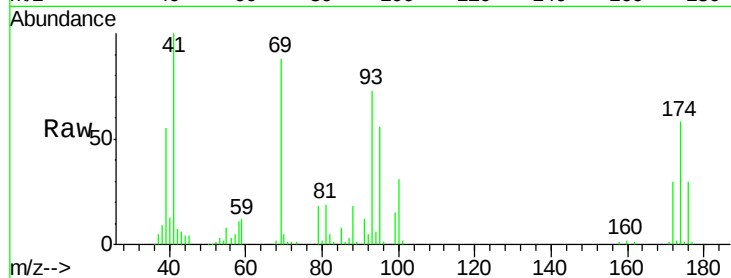
Tgt Ion: 88 Resp: 7269

Ion Ratio Lower Upper

88 100

43 29.6 28.2 42.2

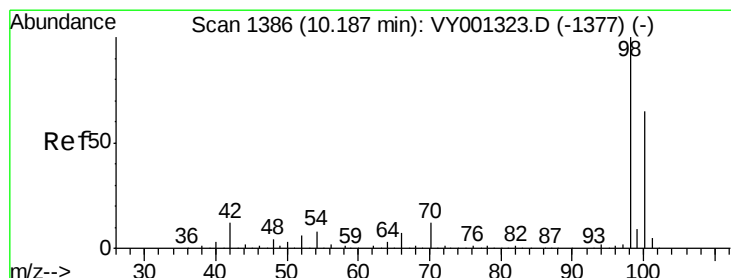
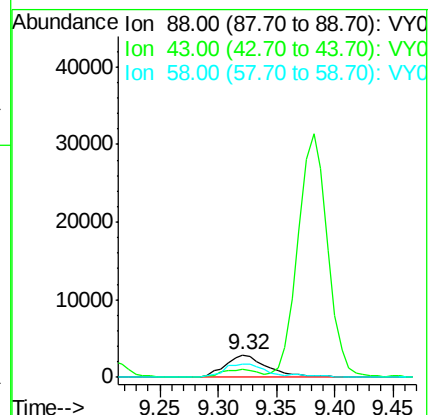
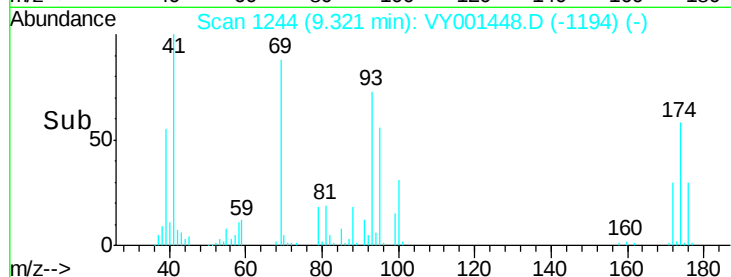
58 68.3 55.6 83.4



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: 52.61 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001448.D

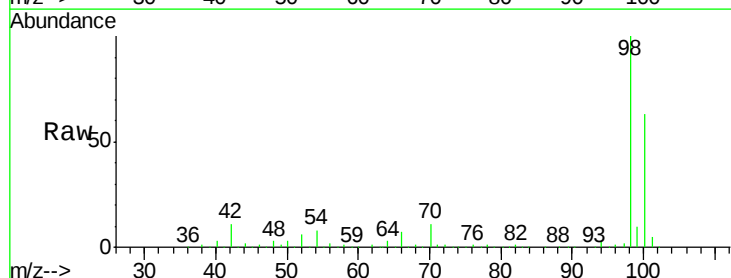
Acq: 31 Jan 2020 12:33

Tgt Ion: 98 Resp: 380573

Ion Ratio Lower Upper

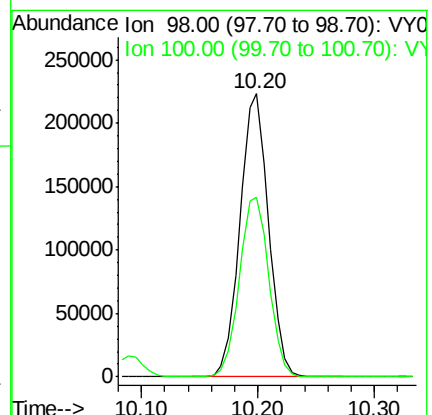
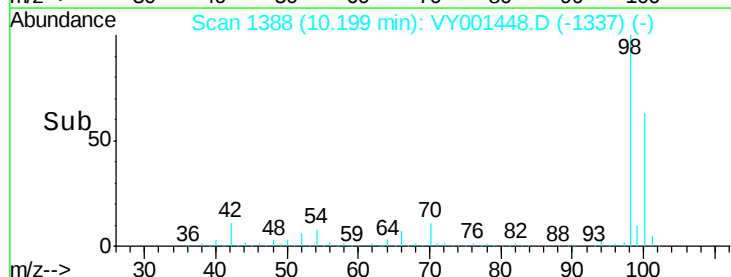
98 100

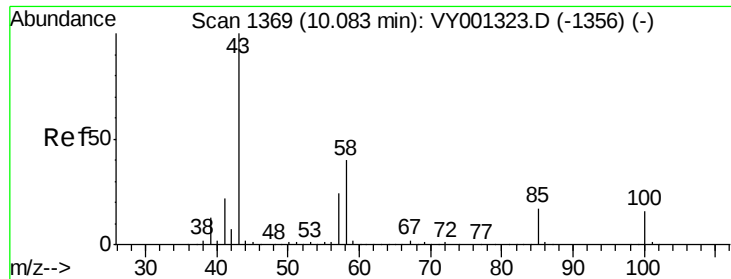
100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

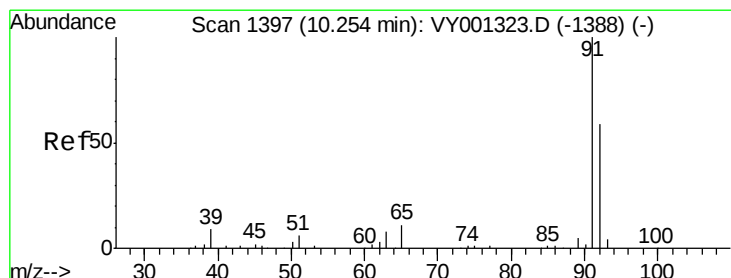
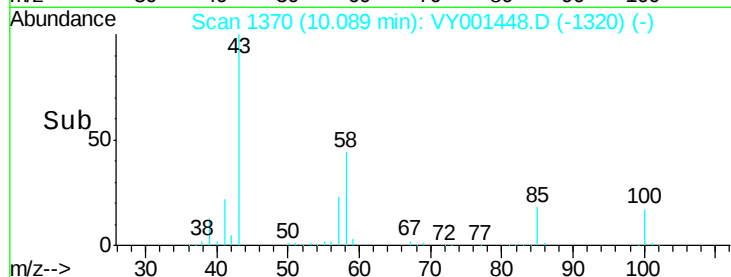
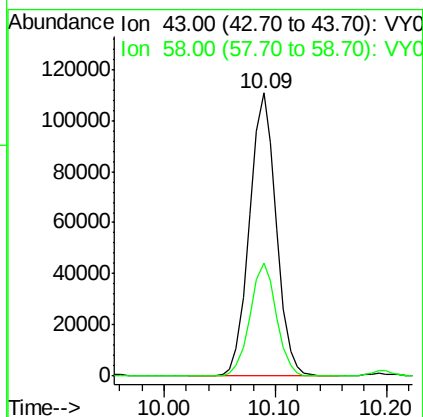
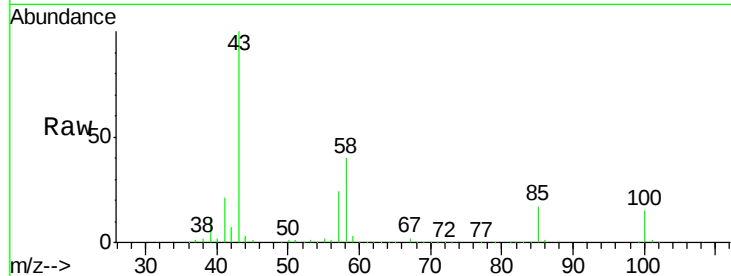




#51
 4-Methyl-2-Pentanone
 Concen: 100.91 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

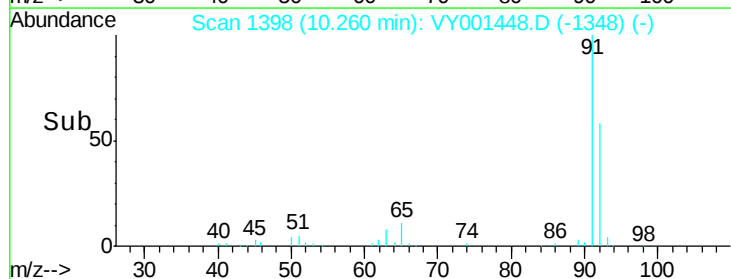
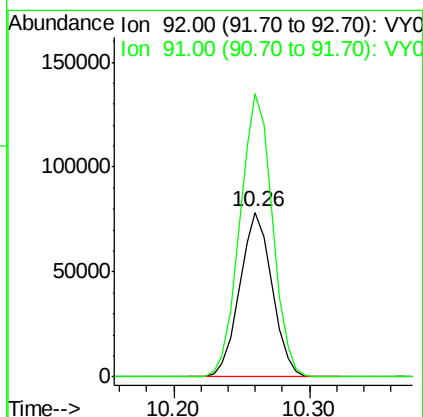
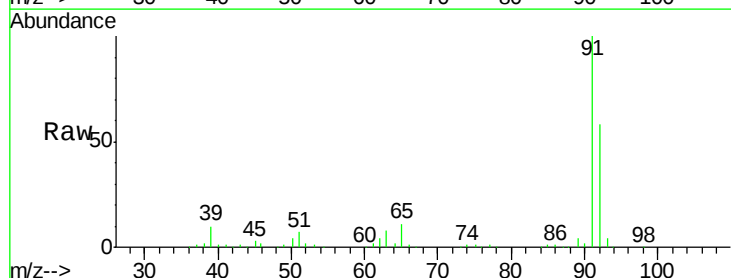
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

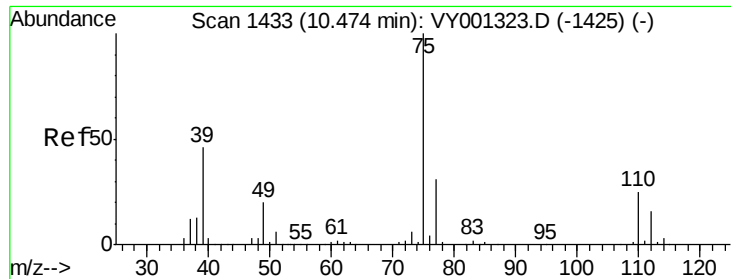
Tgt Ion: 43 Resp: 185035
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.5 47.3



#52
 Toluene
 Concen: 22.84 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 92 Resp: 130137
 Ion Ratio Lower Upper
 92 100
 91 173.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 21.88 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

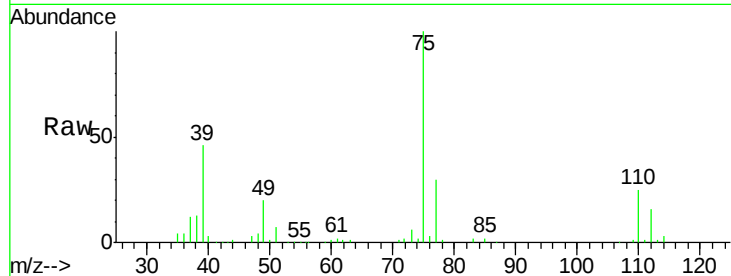
VY0131SBSD01

Tgt Ion: 75 Resp: 70717

Ion Ratio Lower Upper

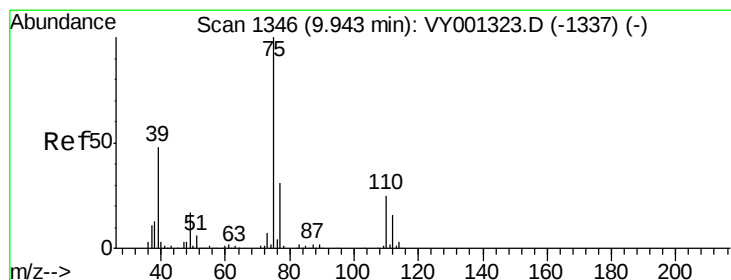
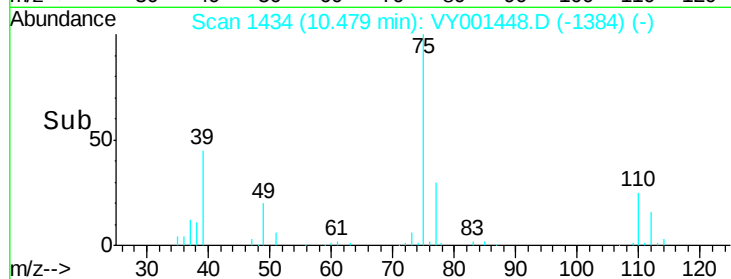
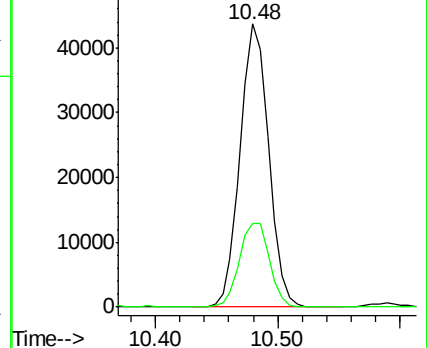
75 100

77 29.7 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: 22.43 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

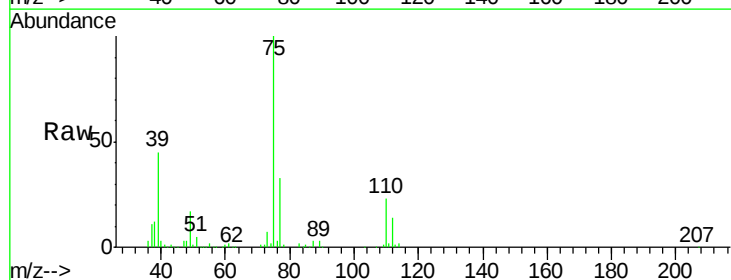
Tgt Ion: 75 Resp: 83188

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

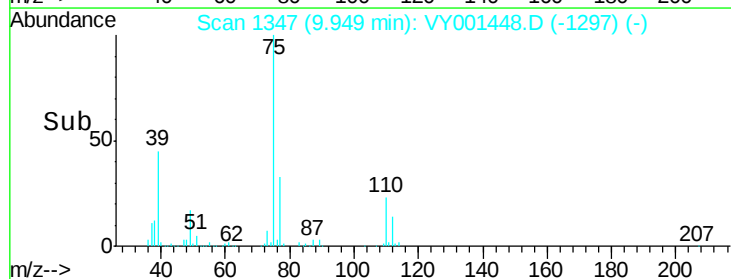
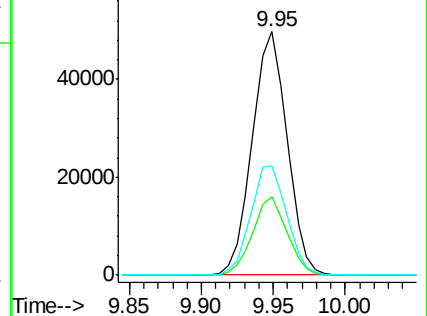
39 44.7 38.2 57.4

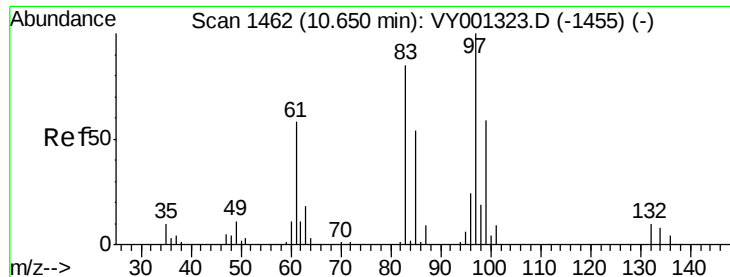


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 21.12 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 97 Resp: 38014

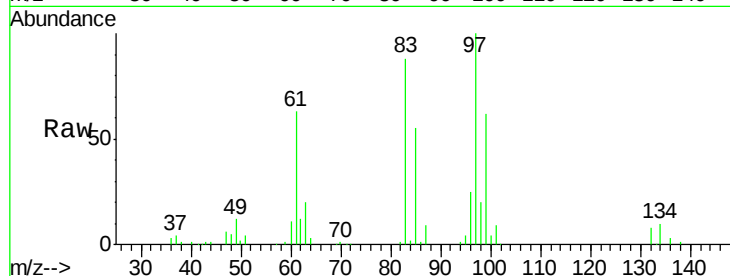
Ion Ratio Lower Upper

97 100

83 87.7 68.0 102.0

85 54.5 43.6 65.4

99 62.4 47.1 70.7

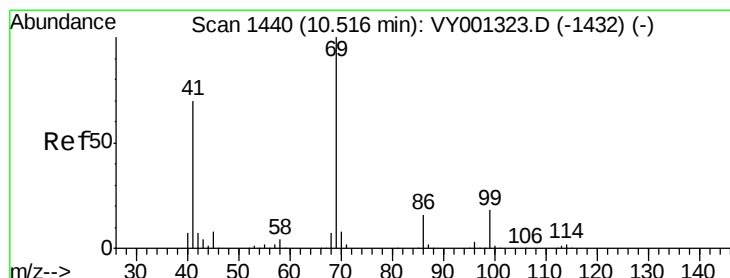
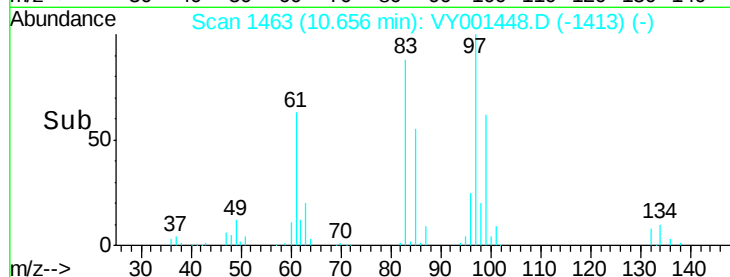
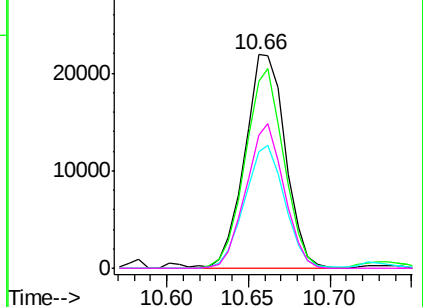


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.54 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

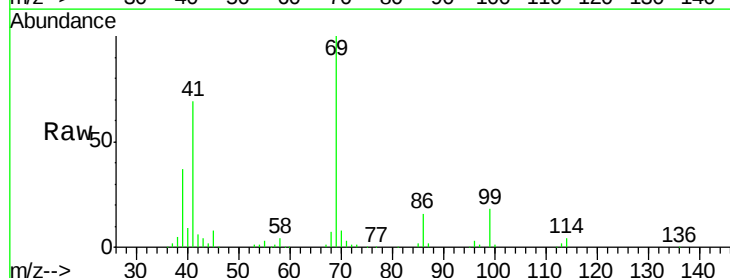
Tgt Ion: 69 Resp: 55872

Ion Ratio Lower Upper

69 100

41 66.7 54.1 81.1

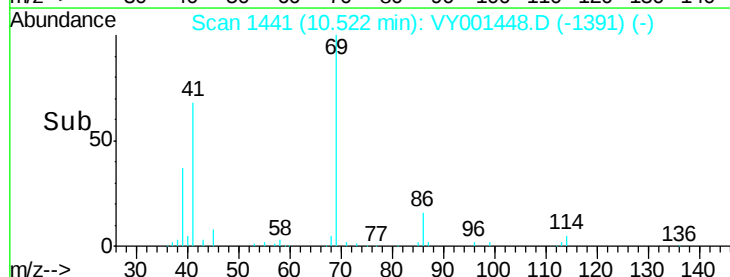
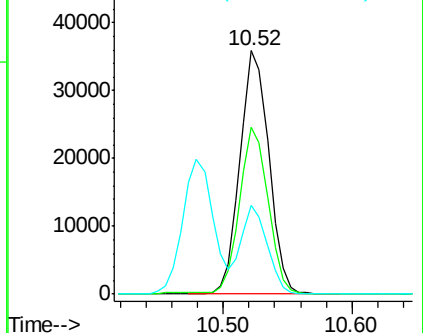
39 33.4 26.8 40.2

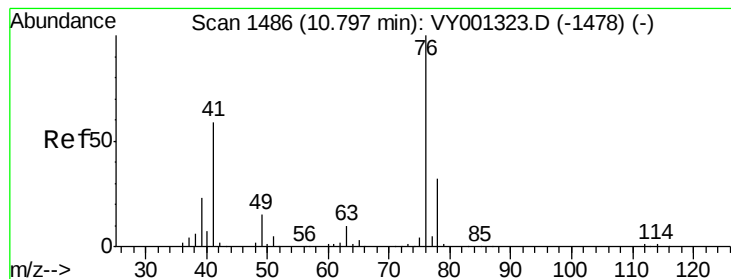


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.64 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

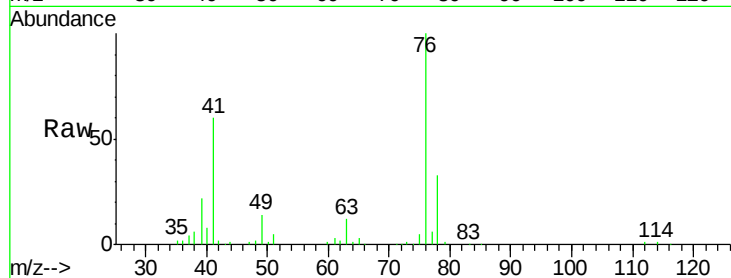
VY0131SBS01

Tgt Ion: 76 Resp: 67849

Ion Ratio Lower Upper

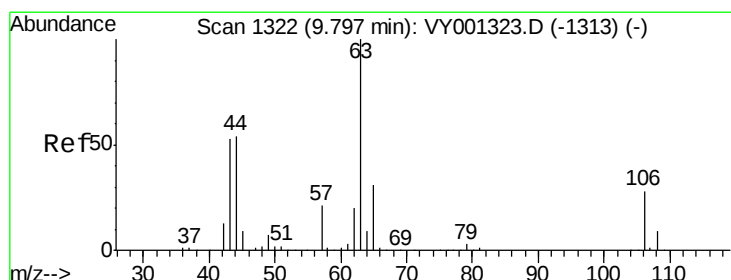
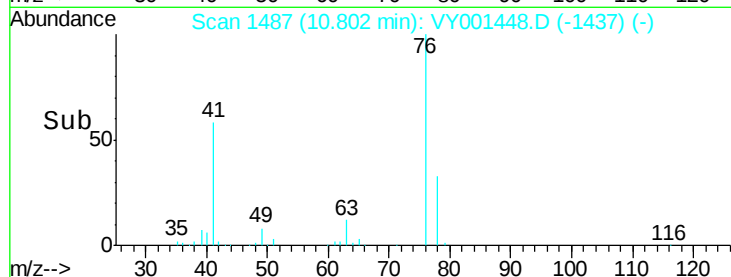
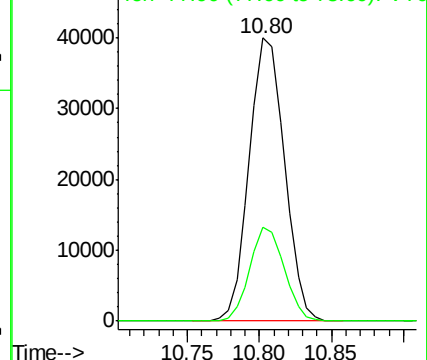
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 101.76 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001448.D

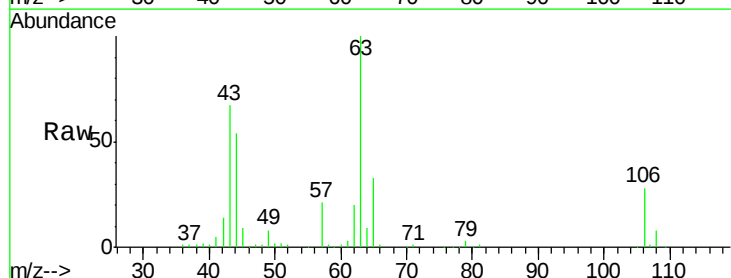
Acq: 31 Jan 2020 12:33

Tgt Ion: 63 Resp: 95804

Ion Ratio Lower Upper

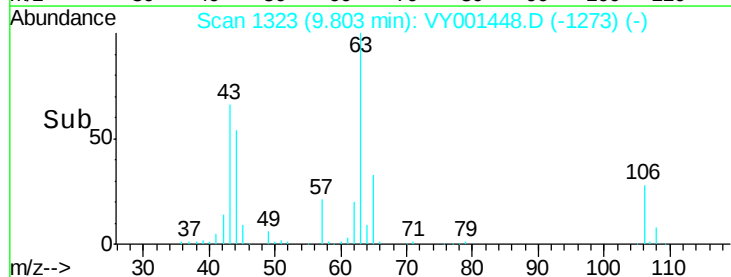
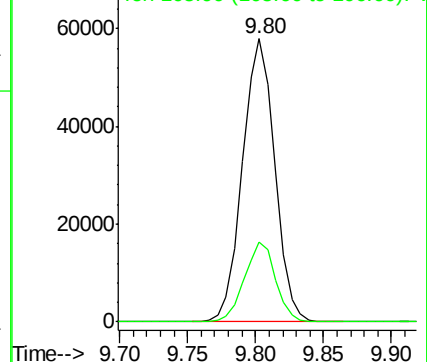
63 100

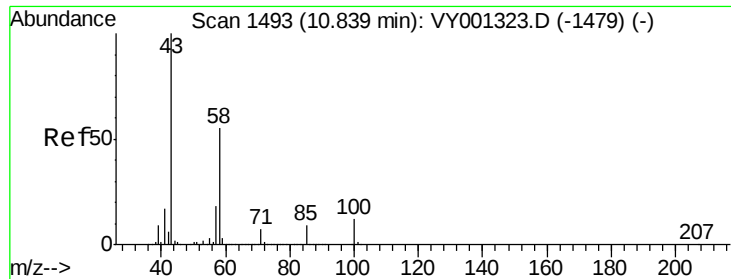
106 27.1 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

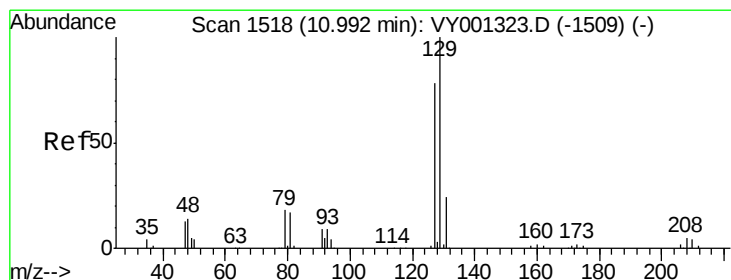
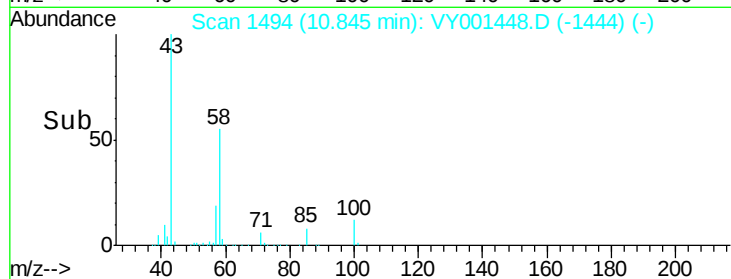
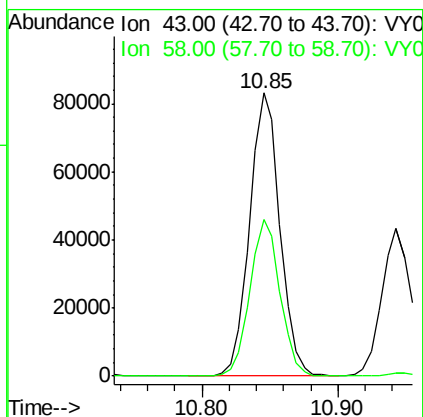
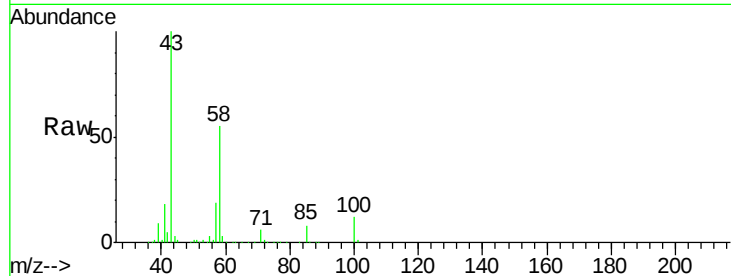




#59
2-Hexanone
Concen: 101.69 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

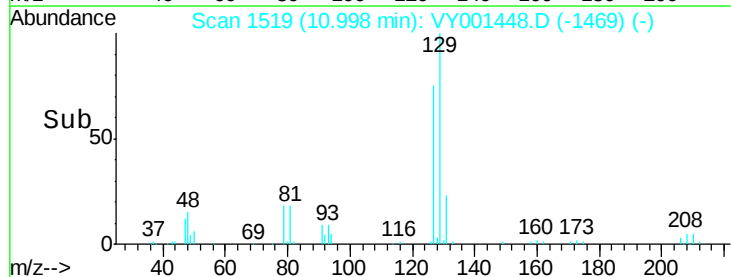
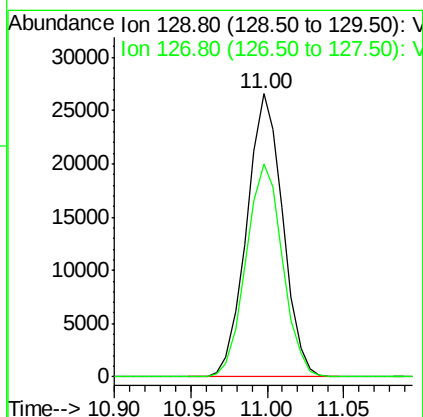
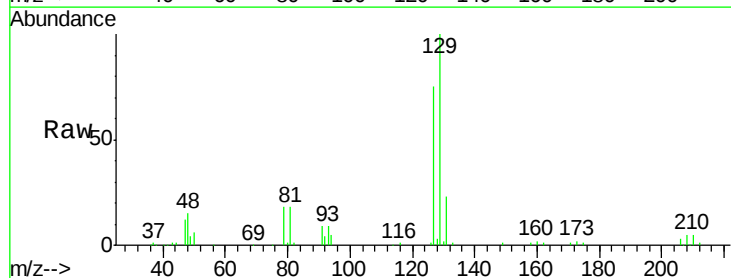
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

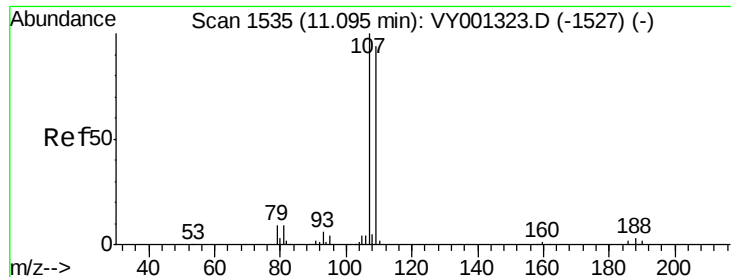
Tgt Ion: 43 Resp: 129808
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8



#60
Dibromochloromethane
Concen: 21.59 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 129 Resp: 43476
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4

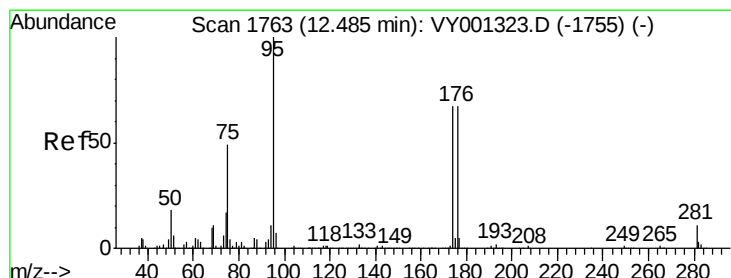
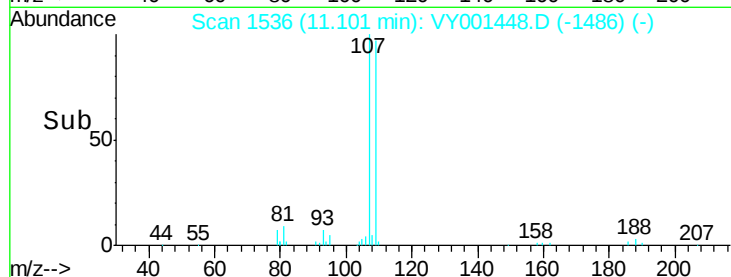
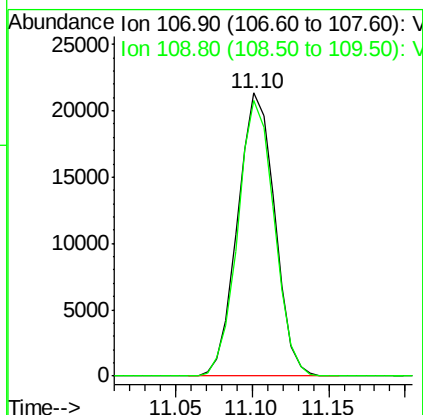
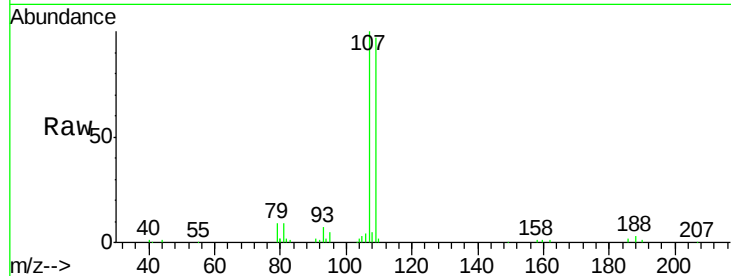




#61
 1,2-Dibromoethane
 Concen: 21.15 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

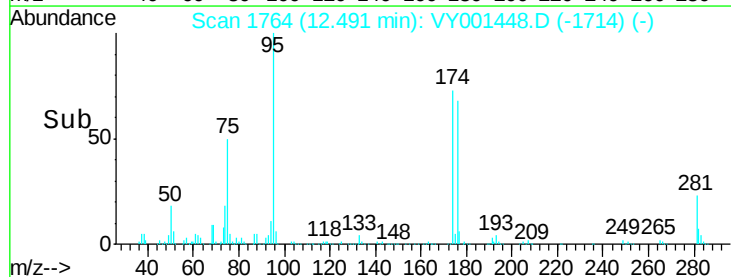
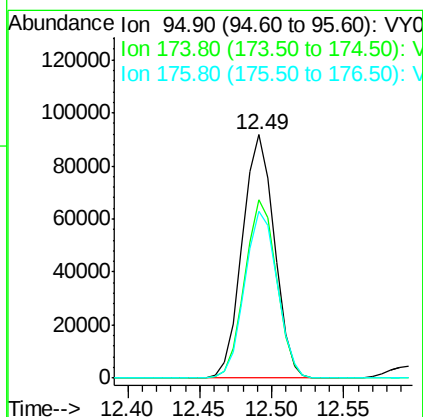
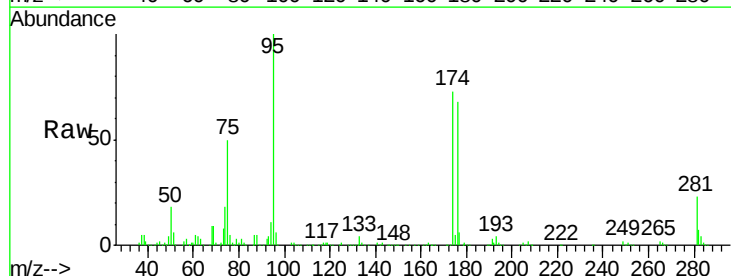
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

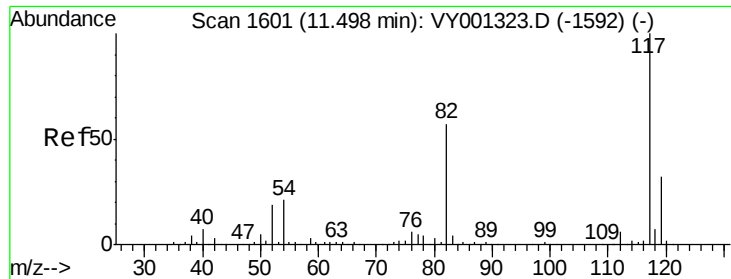
Tgt Ion: 107 Resp: 35986
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.17 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 95 Resp: 141653
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 142.0
 176 69.3 0.0 138.6

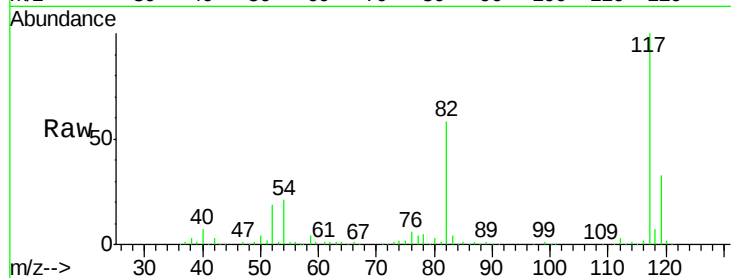




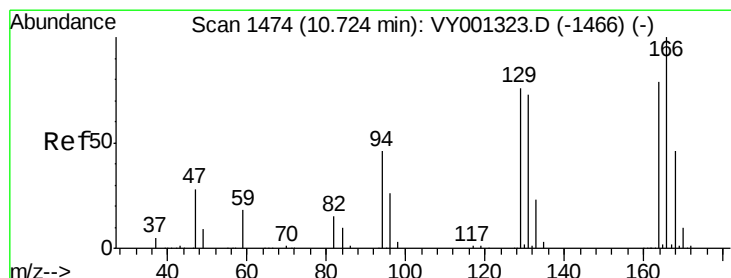
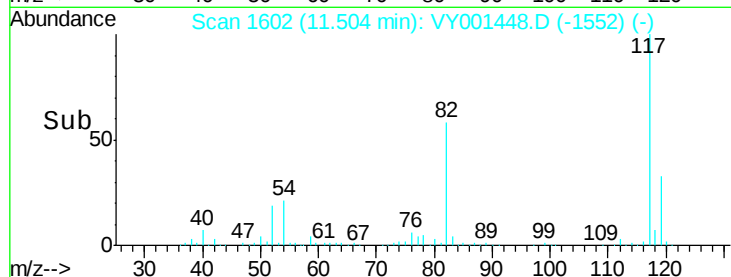
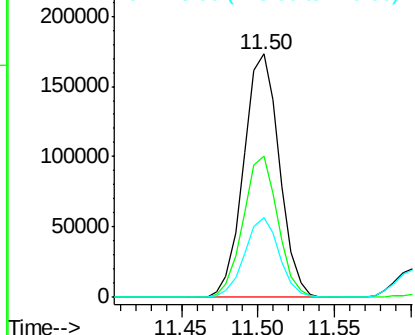
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:117 Resp: 280428
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 32.8 25.8 38.6

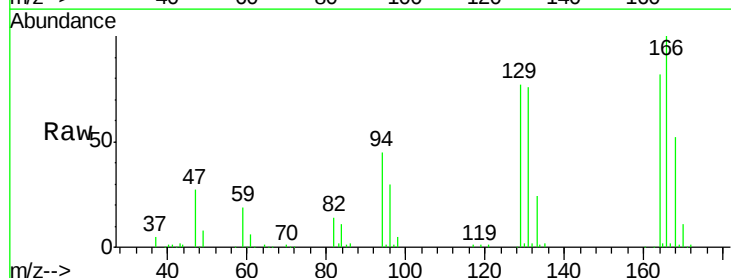


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

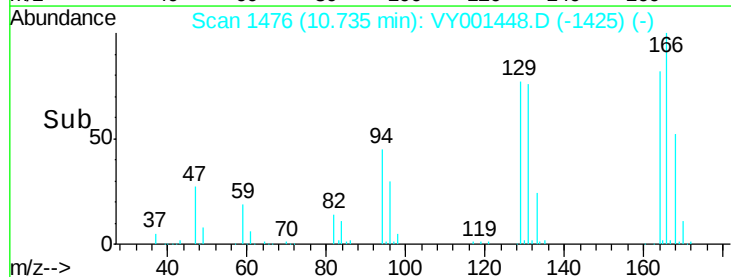
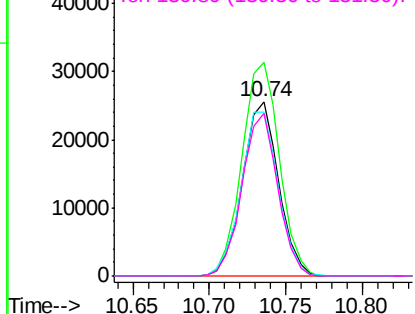


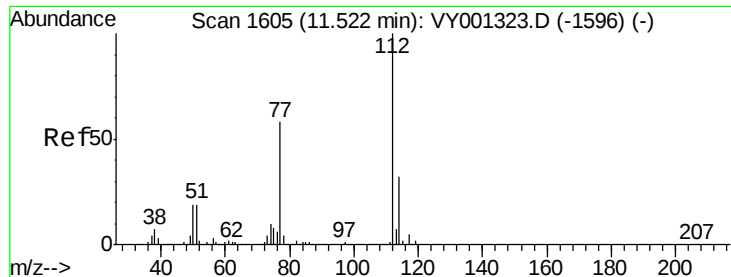
#64
Tetrachloroethene
Concen: 23.37 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:164 Resp: 41861
Ion Ratio Lower Upper
164 100
166 122.3 101.8 152.8
129 93.7 77.1 115.7
131 92.9 74.2 111.2



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

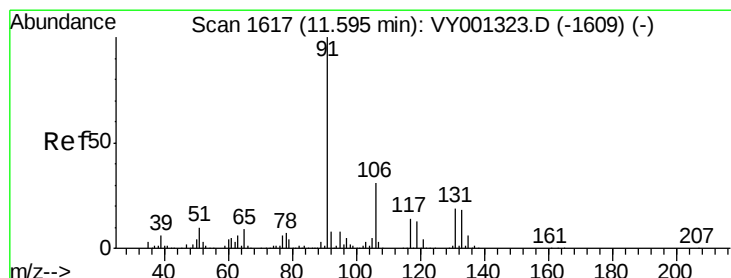
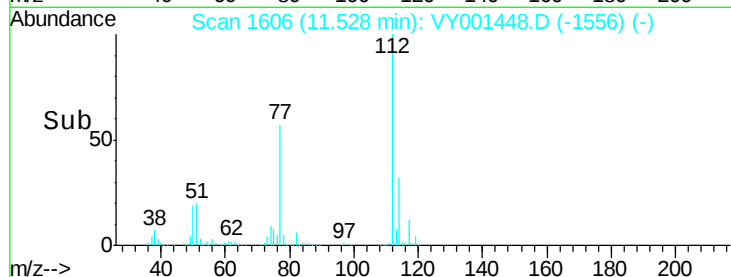
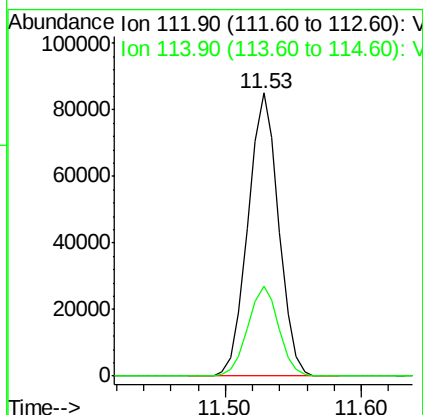
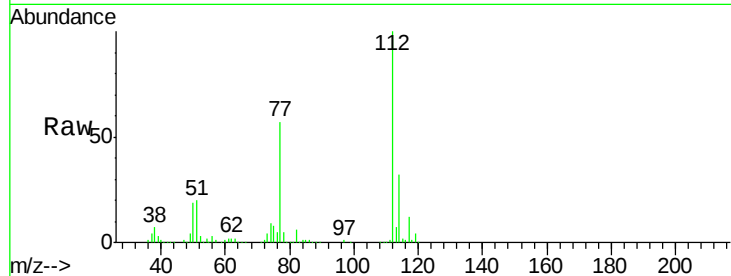




#65
Chlorobenzene
Concen: 22.72 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

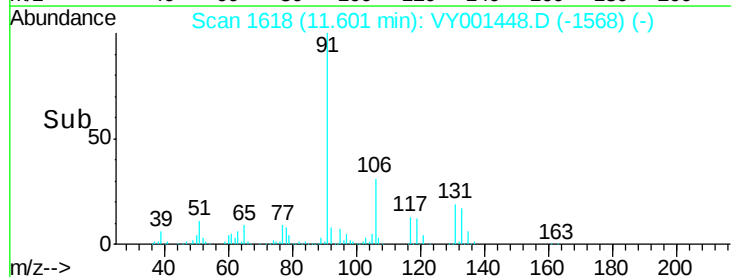
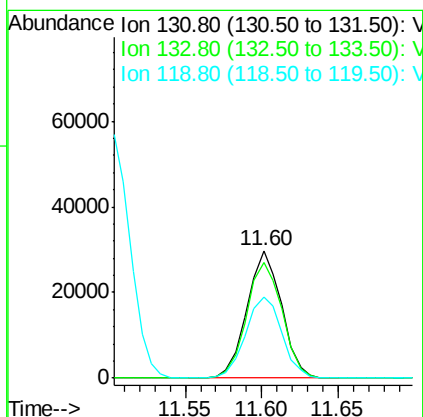
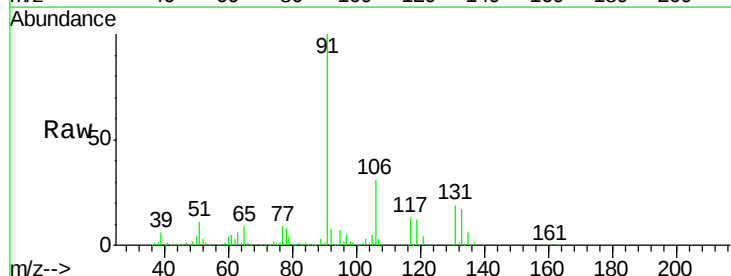
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

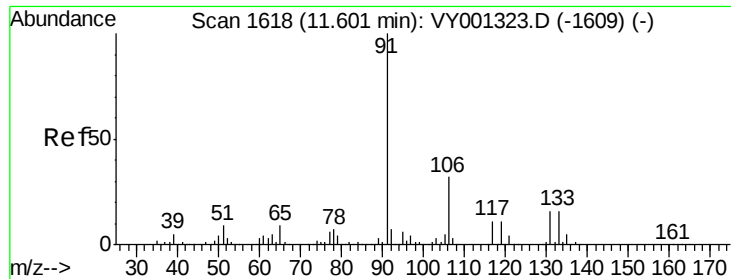
Tgt Ion:112 Resp: 134312
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.10 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:131 Resp: 46605
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.3
119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 23.16 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

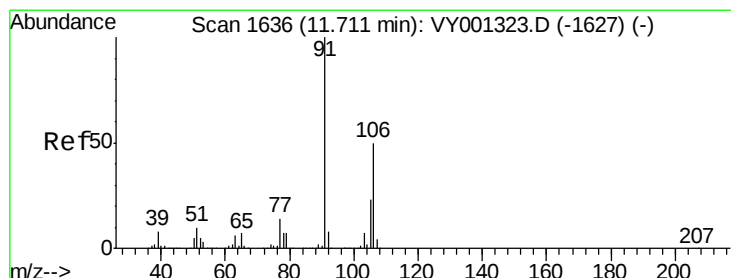
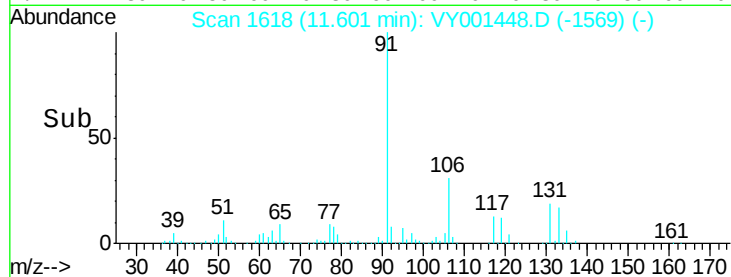
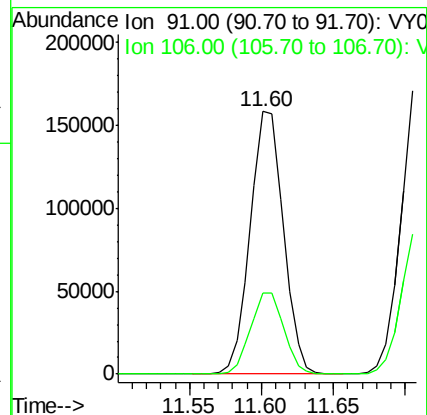
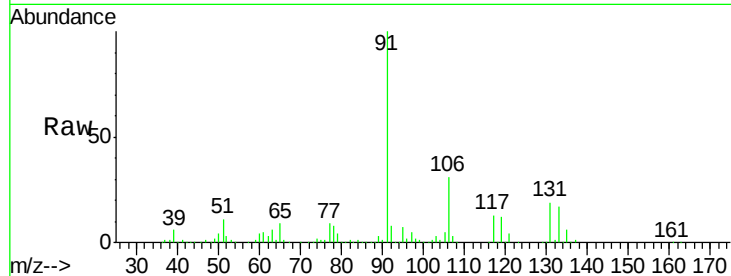
VY0131SBS01

Tgt Ion: 91 Resp: 252280

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.0



#68

m/p-Xylenes

Concen: 47.11 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001448.D

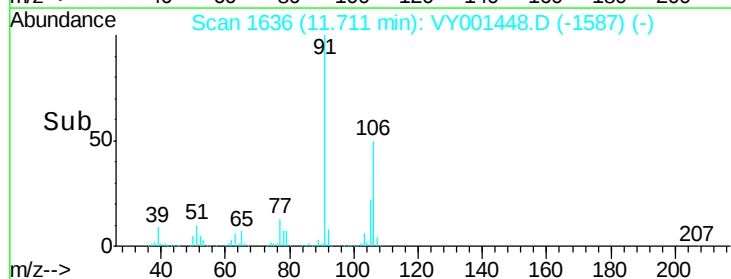
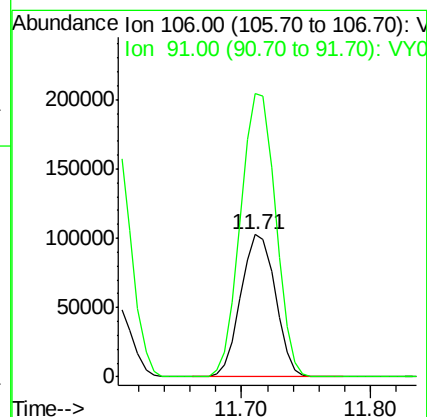
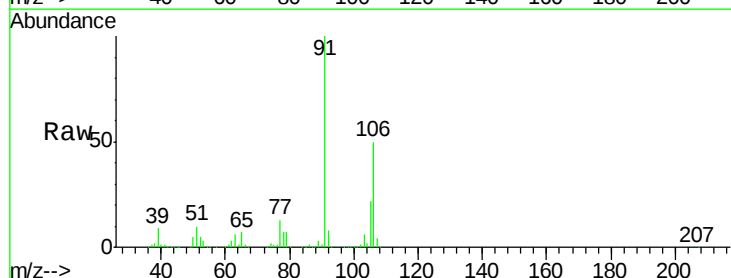
Acq: 31 Jan 2020 12:33

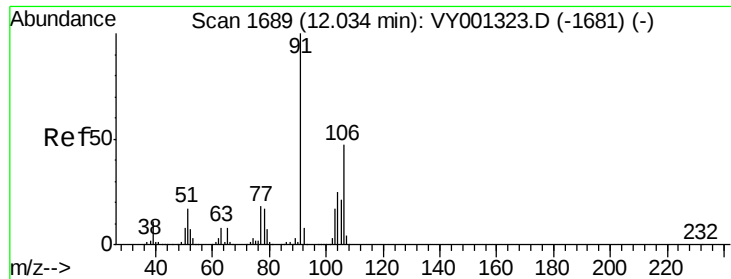
Tgt Ion: 106 Resp: 191685

Ion Ratio Lower Upper

106 100

91 201.1 162.8 244.2

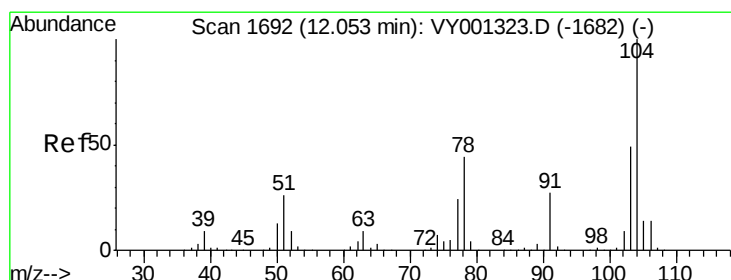
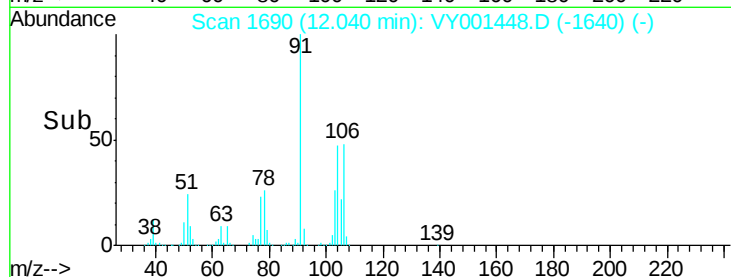
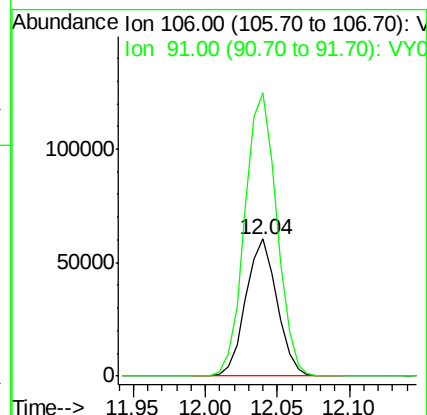
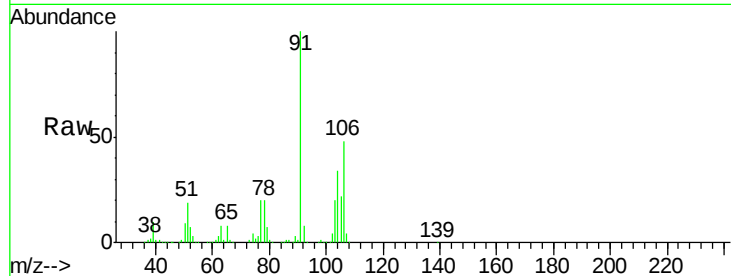




#69
o-Xylene
Concen: 23.21 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

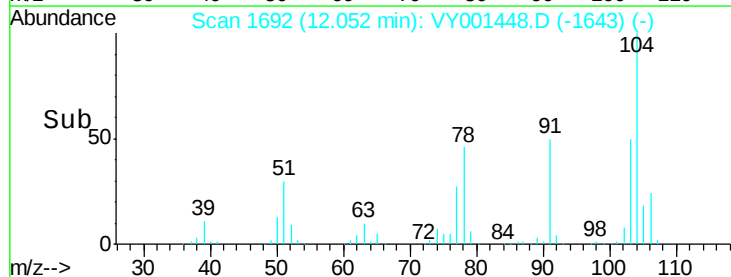
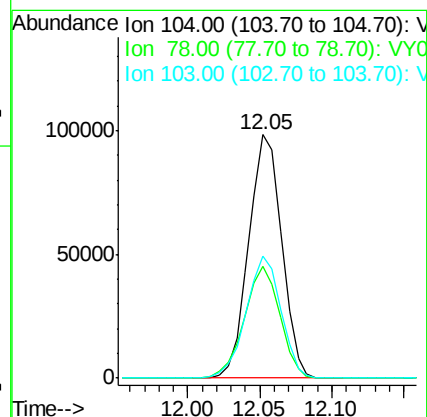
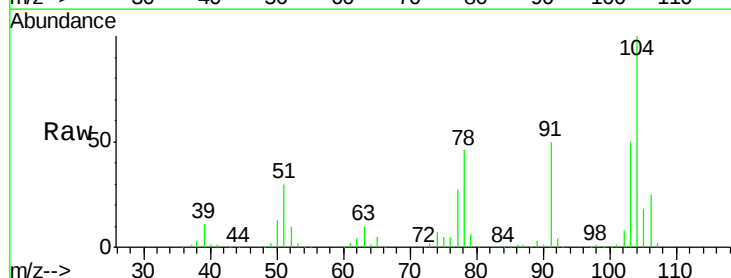
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

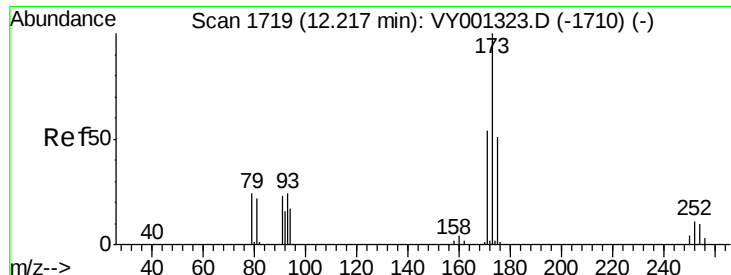
Tgt Ion:106 Resp: 90850
Ion Ratio Lower Upper
106 100
91 211.1 106.3 319.0



#70
Styrene
Concen: 22.70 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:104 Resp: 155914
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 53.1 43.2 64.8

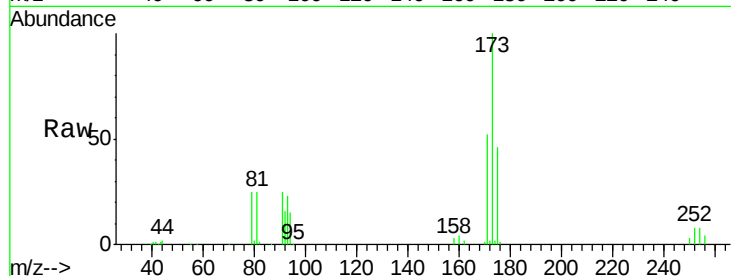




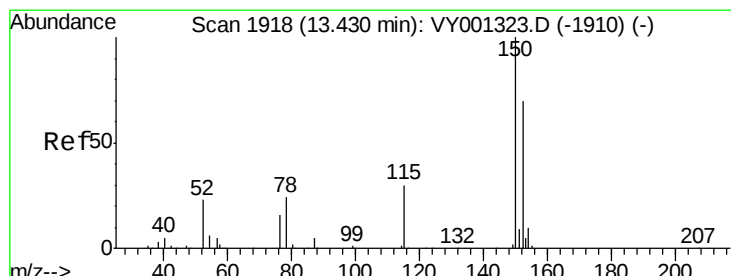
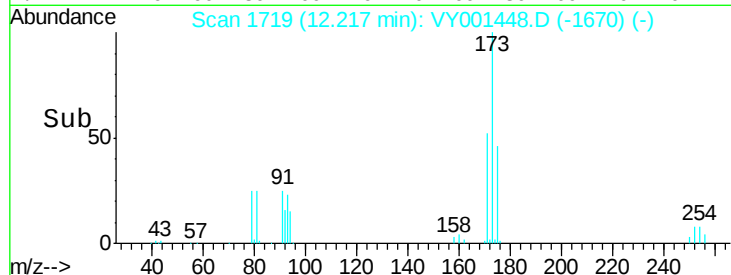
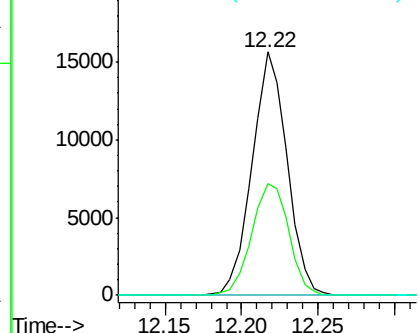
#71
Bromoform
Concen: 20.67 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:173 Resp: 24888
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.9
254 0.0 0.0 0.0

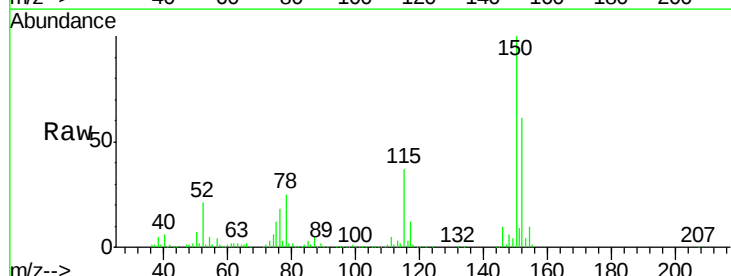


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

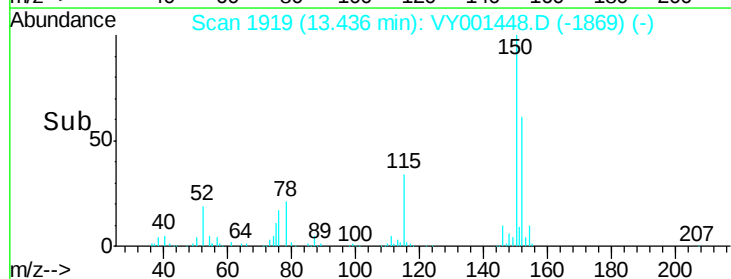
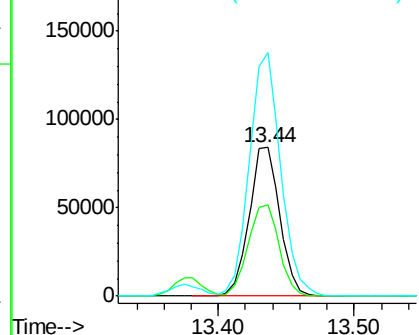


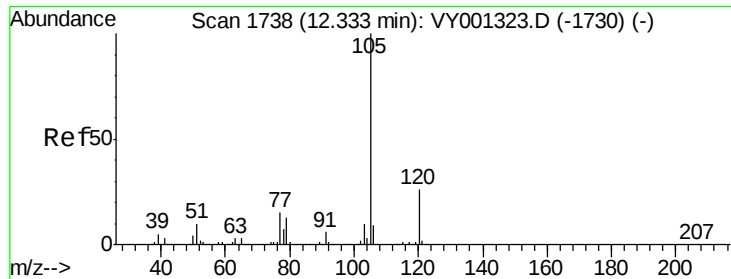
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:152 Resp: 132318
Ion Ratio Lower Upper
152 100
115 62.7 30.9 92.8
150 167.8 0.0 349.2



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: 23.31 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

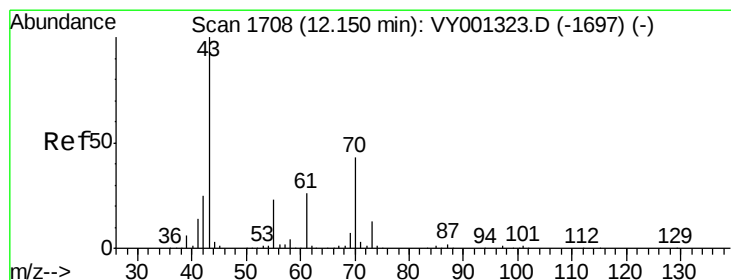
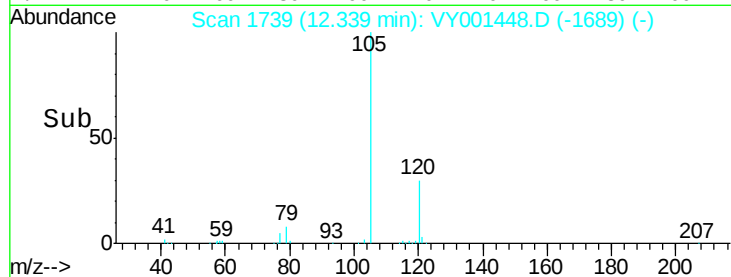
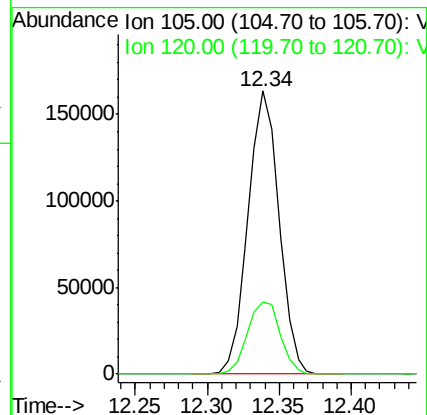
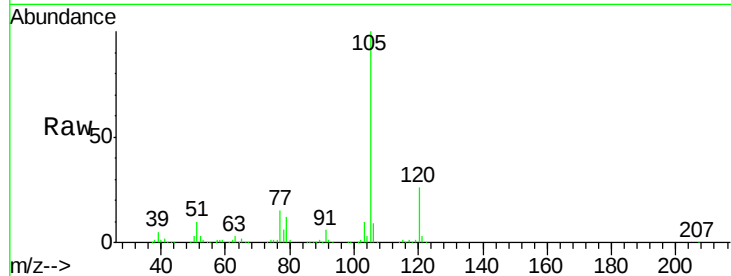
VY0131SBSD01

Tgt Ion: 105 Resp: 243363

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 20.95 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Tgt Ion: 43 Resp: 71610

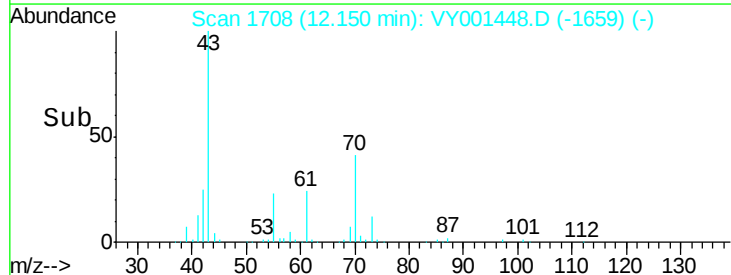
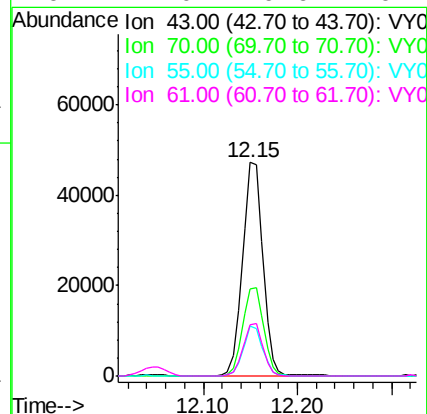
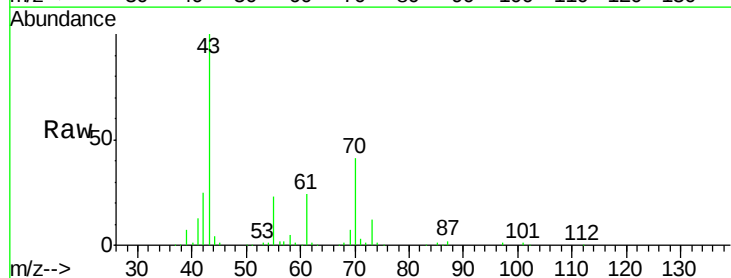
Ion Ratio Lower Upper

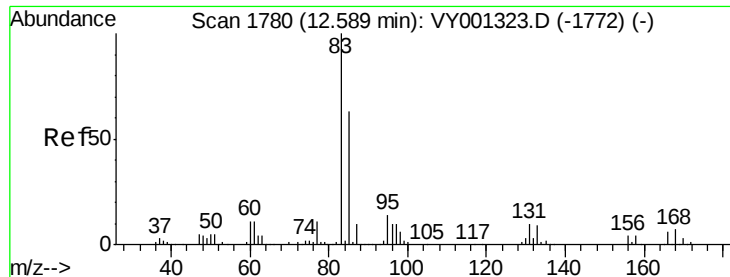
43 100

70 42.3 33.5 50.3

55 22.2 18.2 27.2

61 24.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.03 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

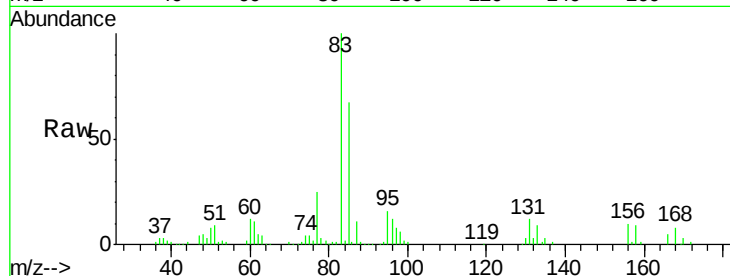
Tgt Ion: 83 Resp: 47035

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.6

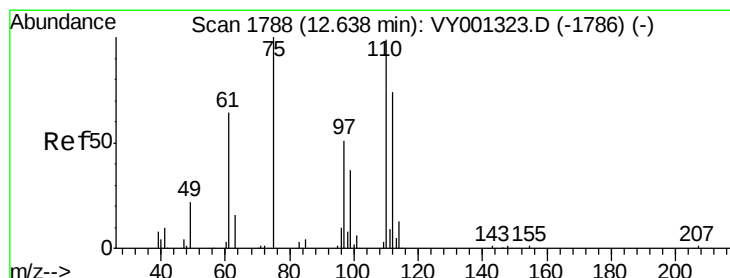
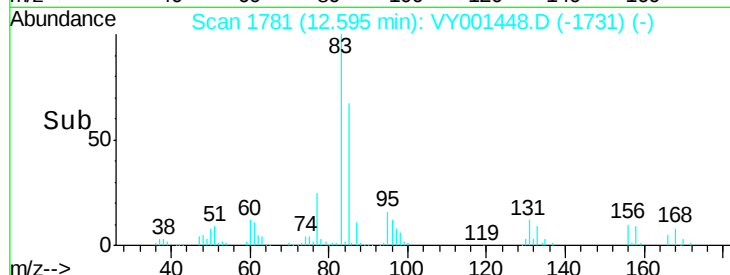
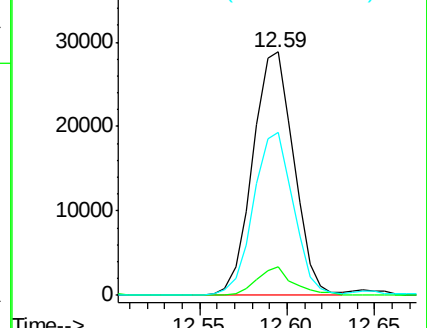
85 65.2 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.37 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001448.D

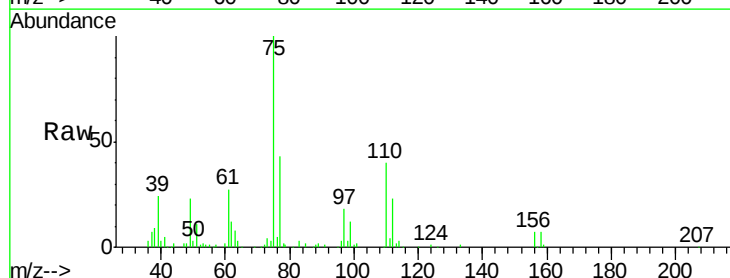
Acq: 31 Jan 2020 12:33

Tgt Ion: 75 Resp: 61186

Ion Ratio Lower Upper

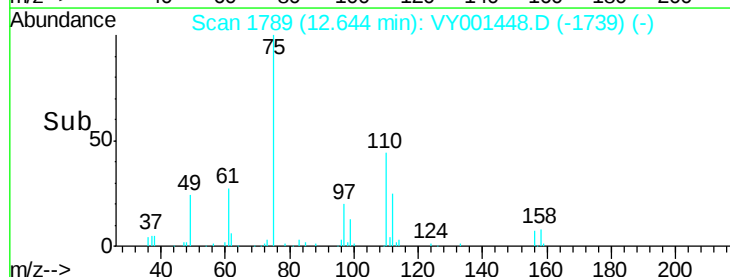
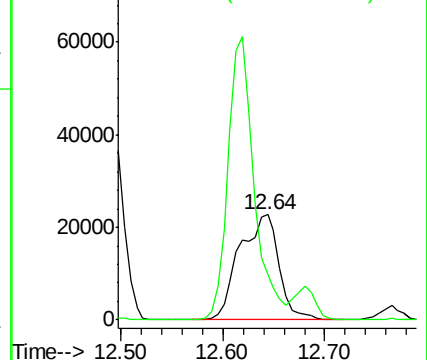
75 100

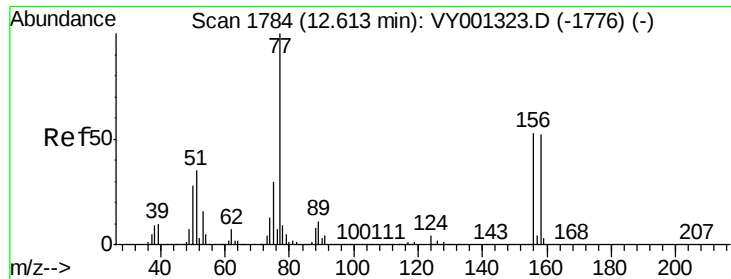
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 22.34 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

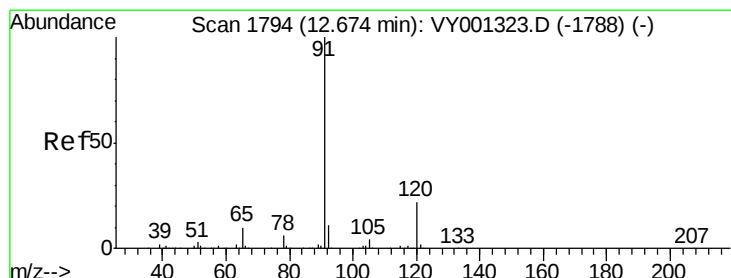
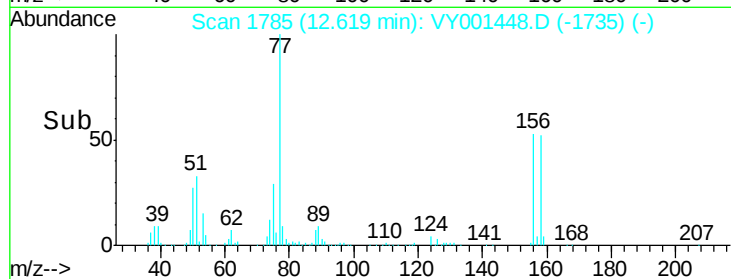
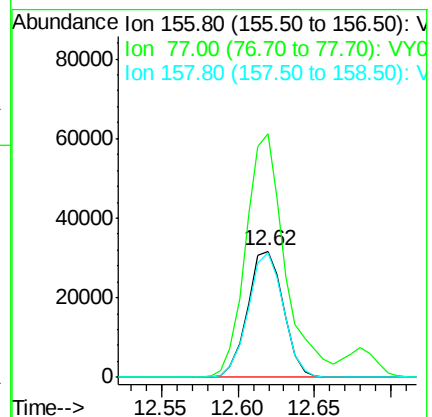
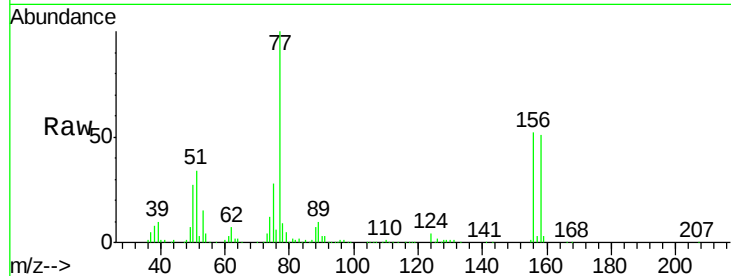
Tgt Ion:156 Resp: 51658

Ion Ratio Lower Upper

156 100

77 210.5 104.7 313.9

158 96.9 48.6 145.8



#78

n-propylbenzene

Concen: 23.81 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001448.D

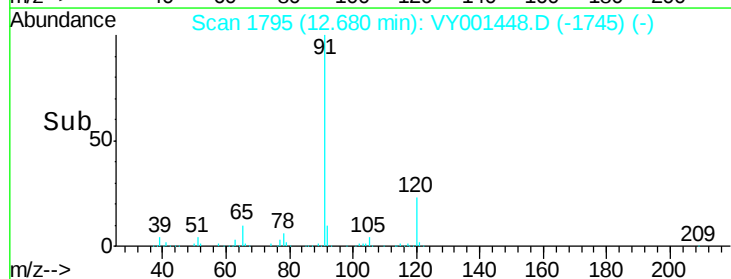
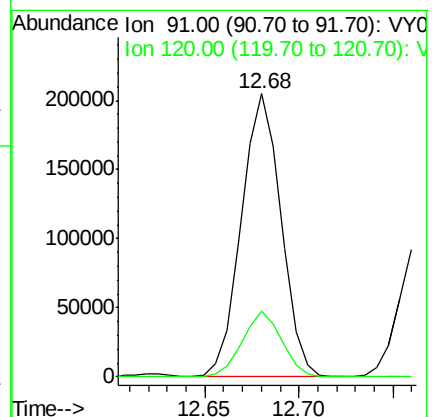
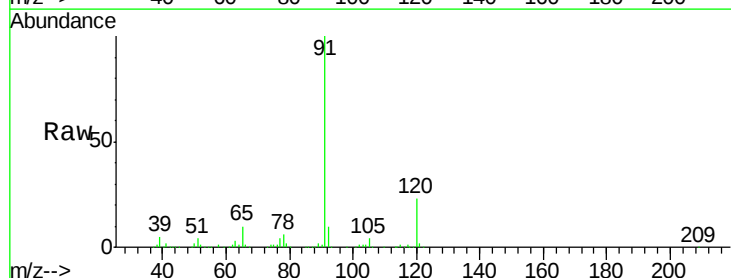
Acq: 31 Jan 2020 12:33

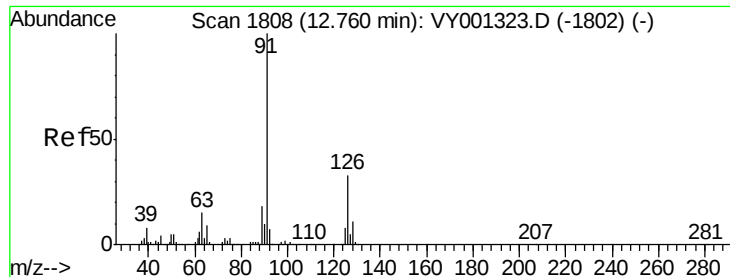
Tgt Ion: 91 Resp: 299273

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8

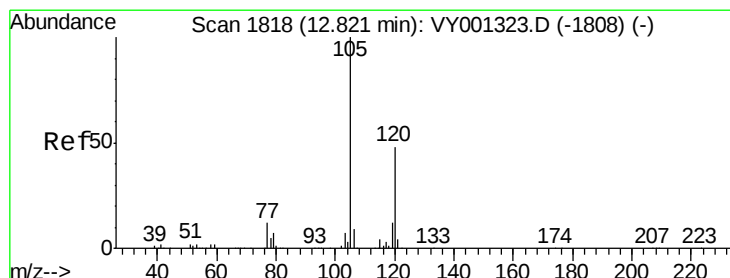
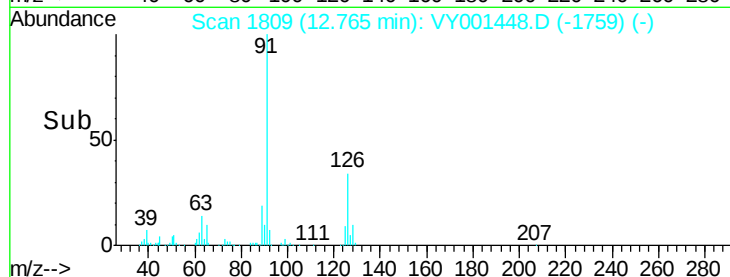
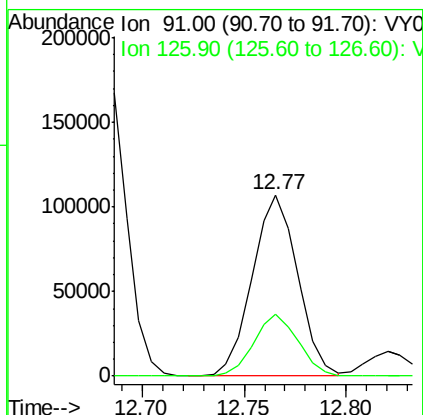
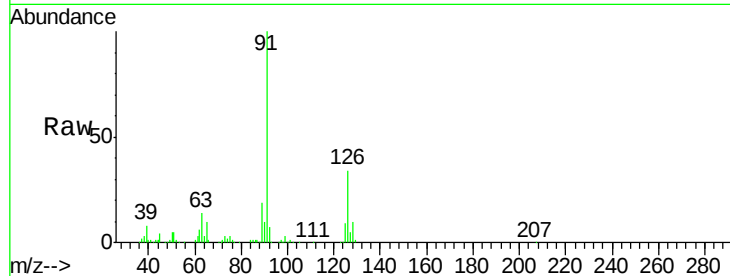




#79
 2-Chlorotoluene
 Concen: 23.07 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

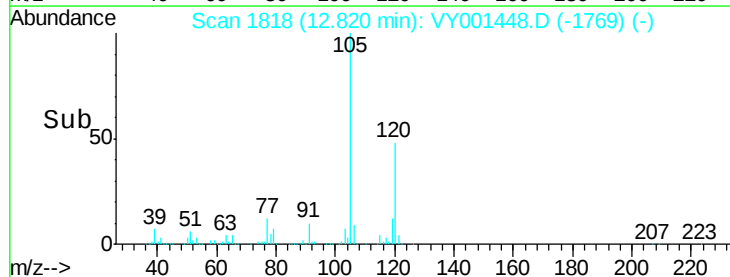
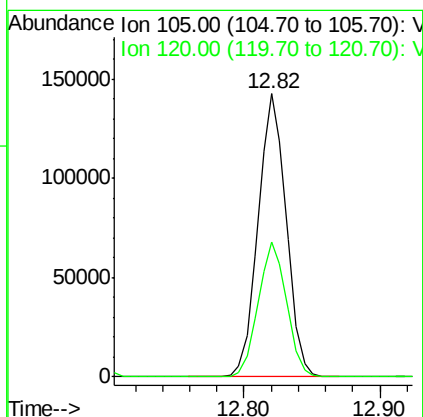
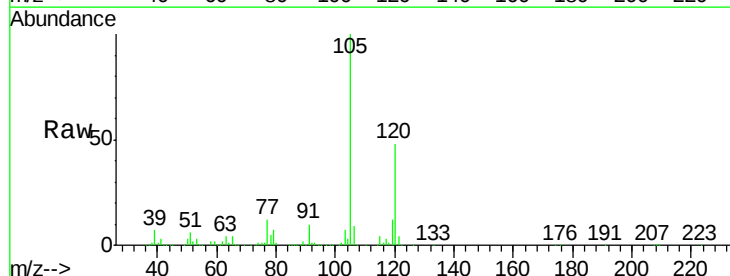
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

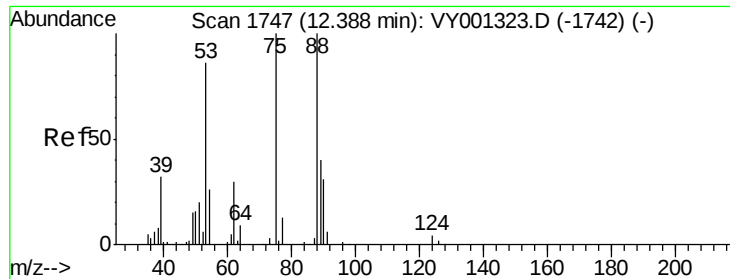
Tgt Ion: 91 Resp: 165655
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 23.79 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 105 Resp: 207309
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.9

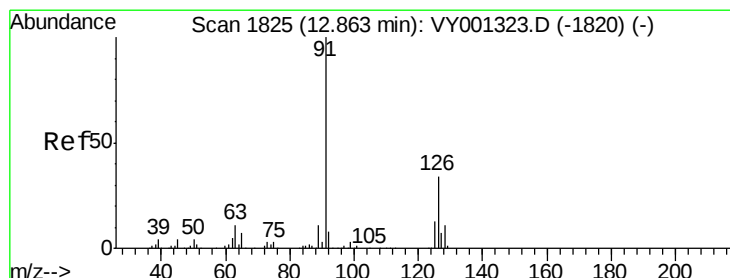
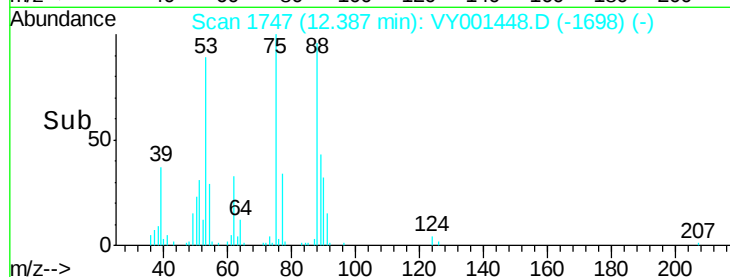
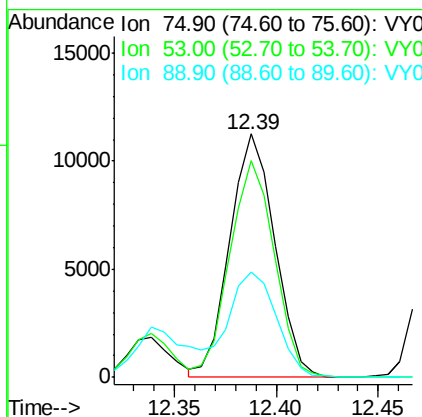
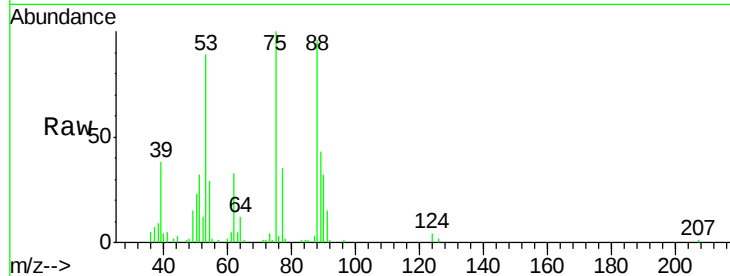




#81
trans-1,4-Dichloro-2-butene
Concen: 20.38 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

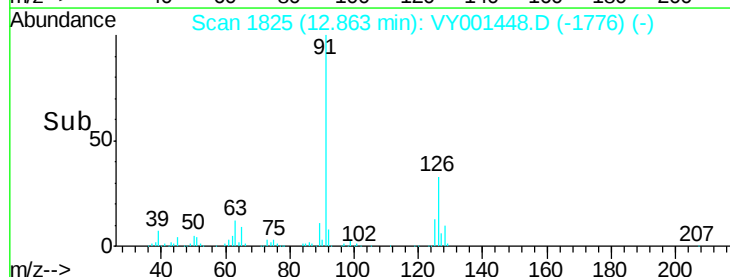
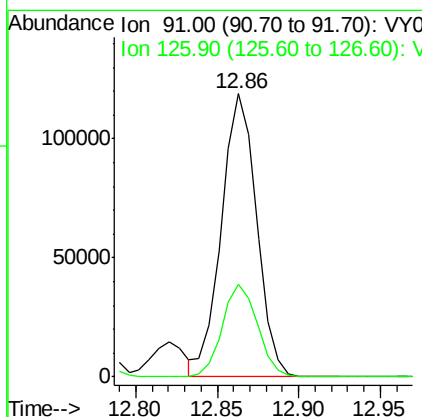
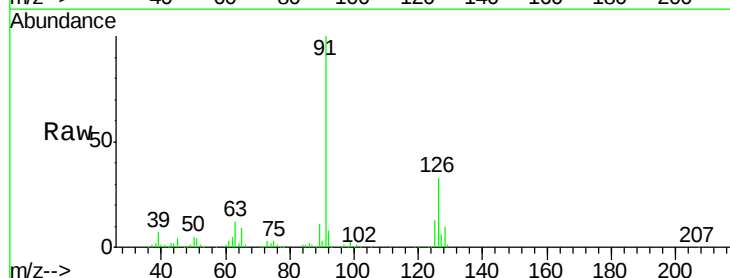
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

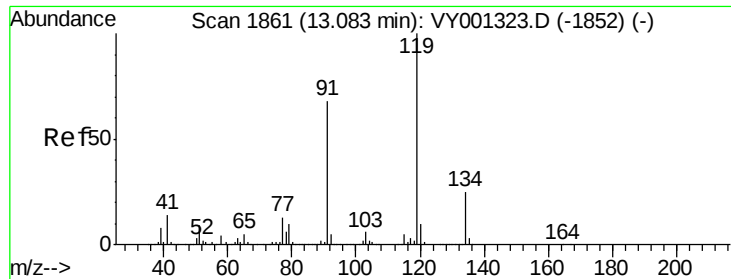
Tgt Ion: 75 Resp: 17169
Ion Ratio Lower Upper
75 100
53 88.7 69.9 104.9
89 46.5 36.6 54.8



#82
4-Chlorotoluene
Concen: 23.26 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 91 Resp: 178384
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

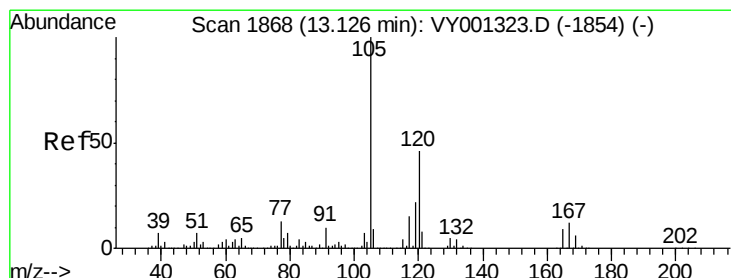
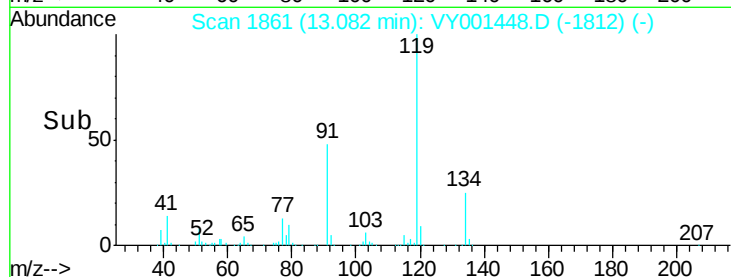
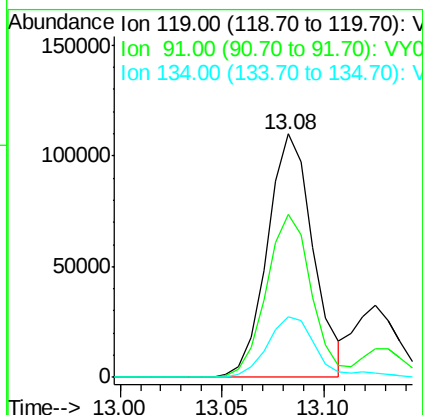
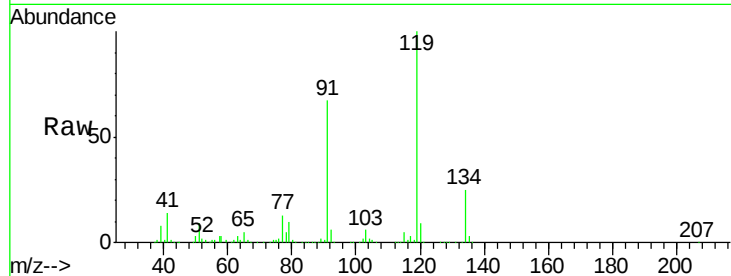




#83
 tert-Butylbenzene
 Concen: 23.38 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

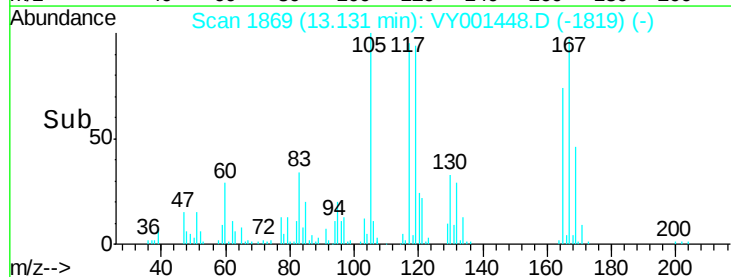
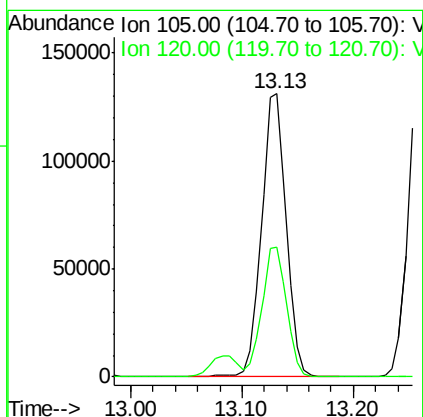
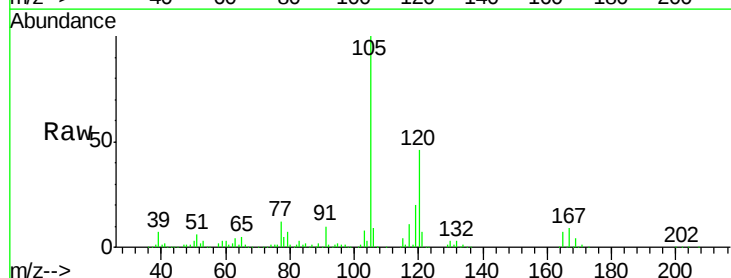
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

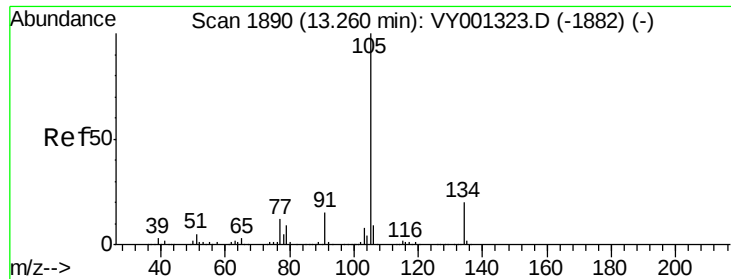
Tgt Ion:119 Resp: 171789
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.0 99.0
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 23.22 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion:105 Resp: 203190
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 23.88 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

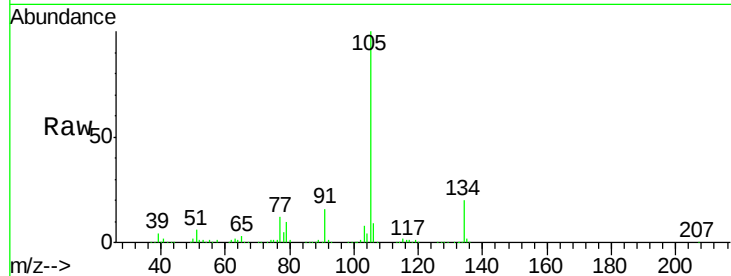
VY0131SBS01

Tgt Ion:105 Resp: 249276

Ion Ratio Lower Upper

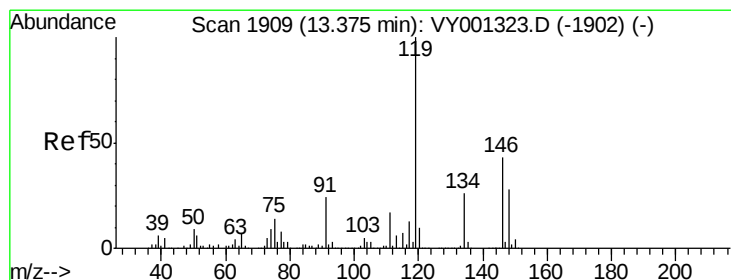
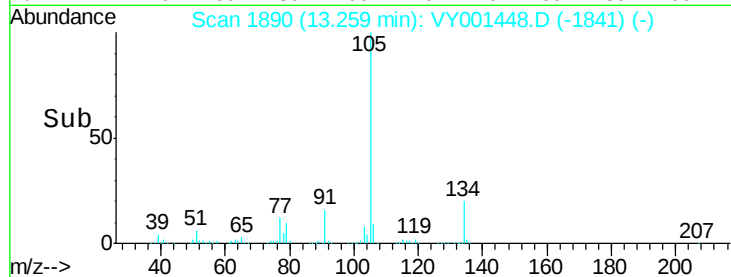
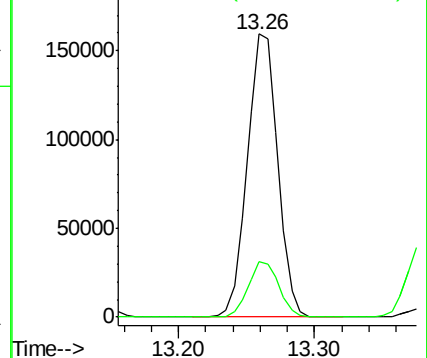
105 100

134 19.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.73 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

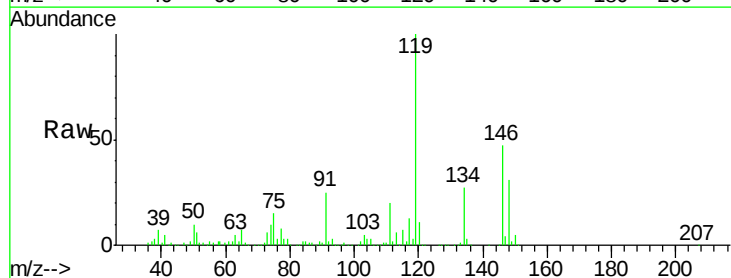
Tgt Ion:119 Resp: 218273

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

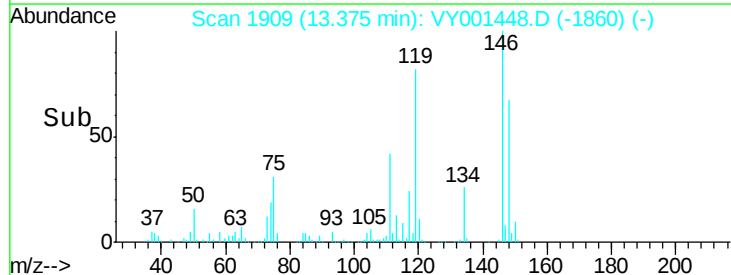
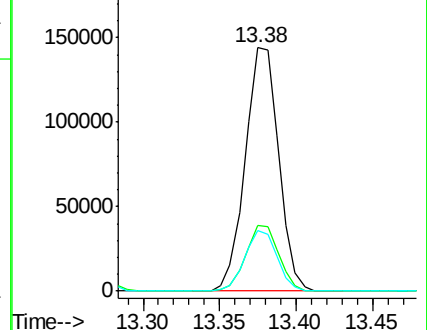
91 24.0 12.2 36.6

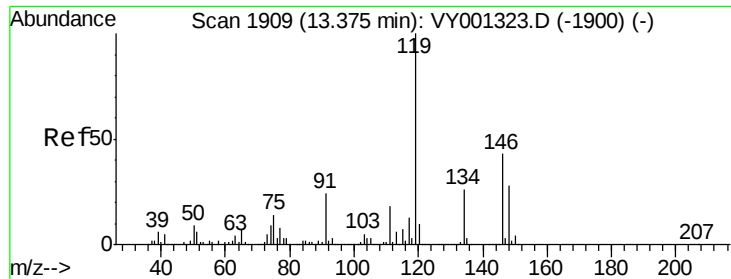


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 23.30 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

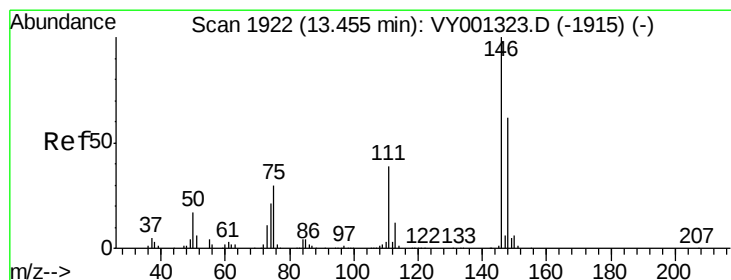
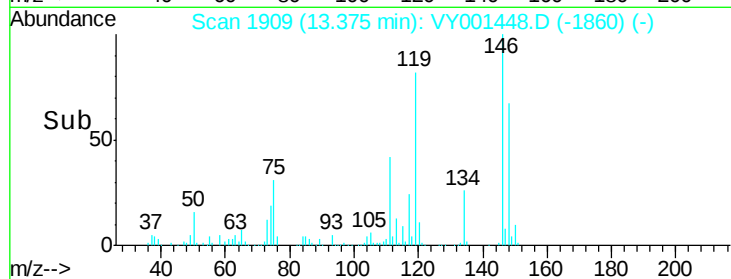
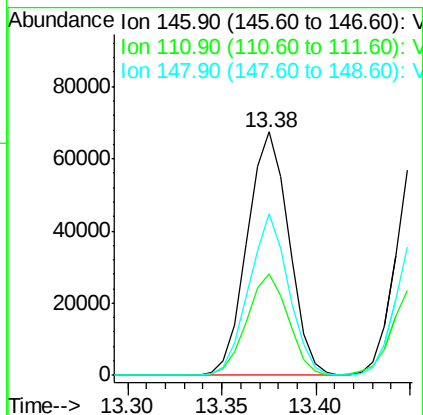
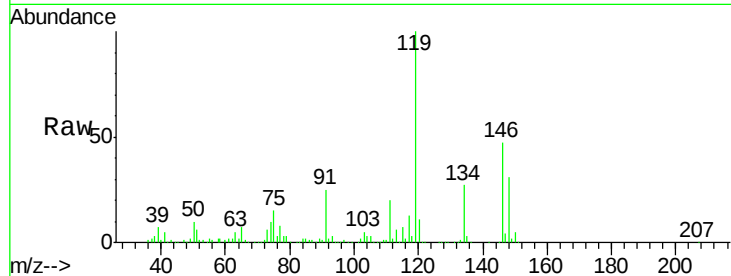
Tgt Ion:146 Resp: 103777

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 23.05 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY001448.D

Acq: 31 Jan 2020 12:33

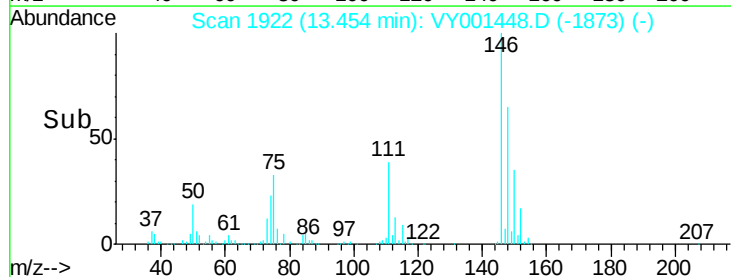
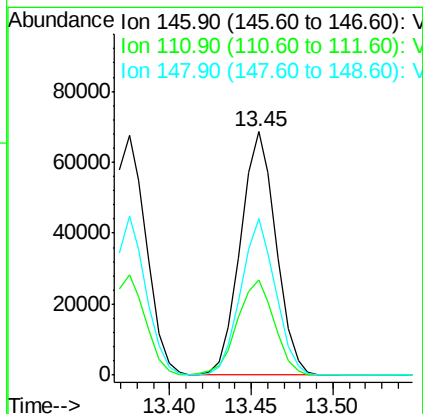
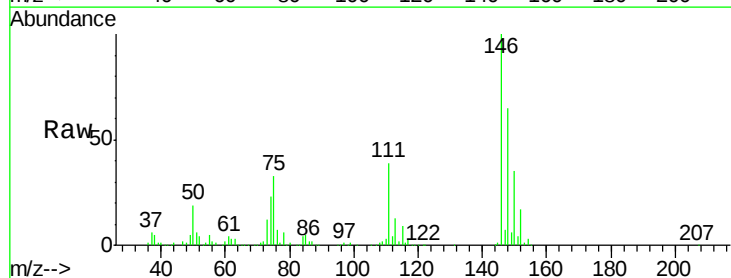
Tgt Ion:146 Resp: 104241

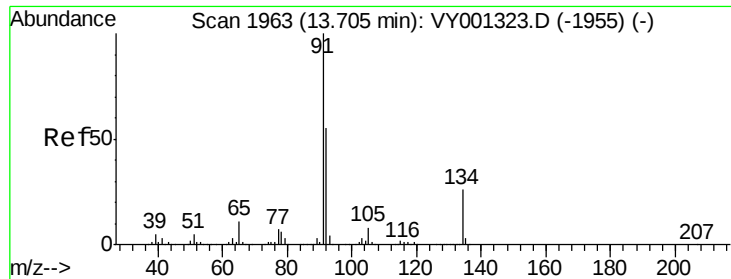
Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.5

148 62.7 31.6 95.0

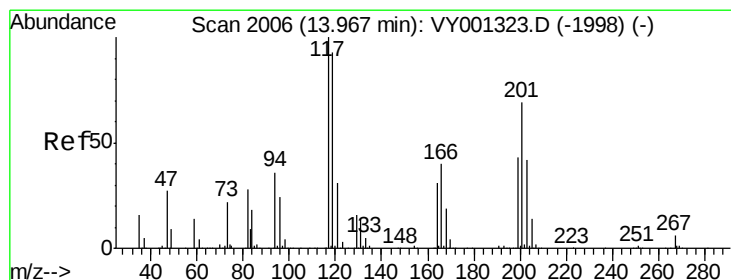
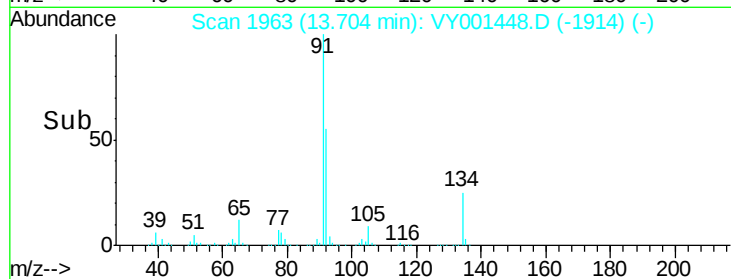
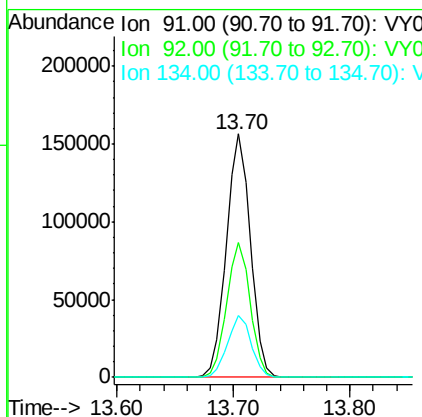
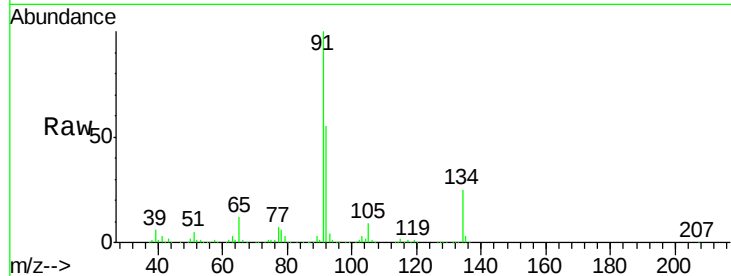




#89
n-Butylbenzene
Concen: 24.24 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

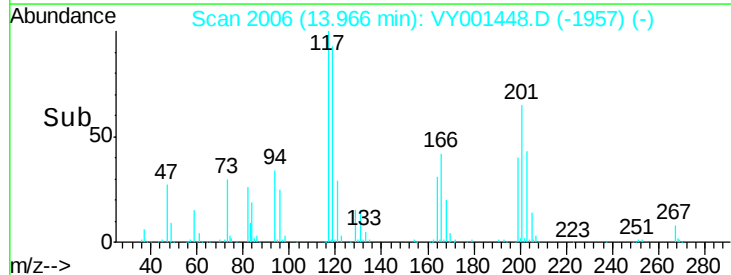
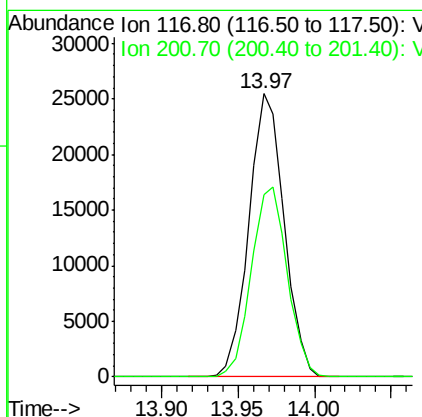
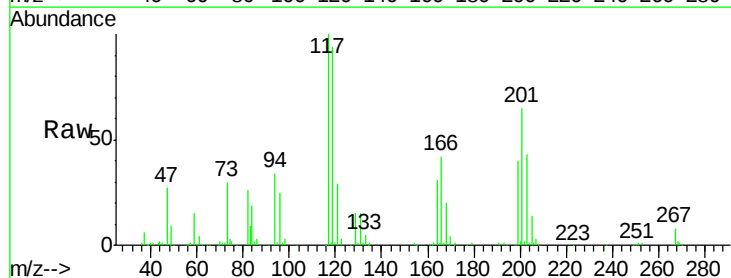
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

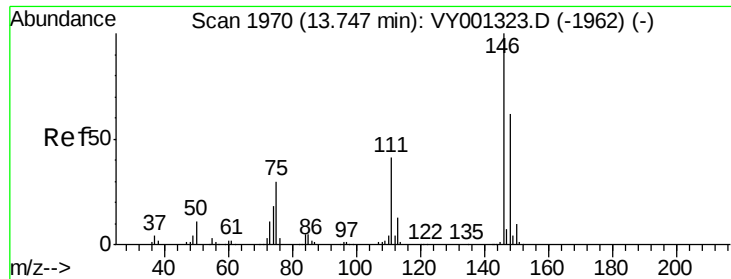
Tgt Ion: 91 Resp: 224365
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.8
134 25.1 12.9 38.6



#90
Hexachloroethane
Concen: 23.37 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion: 117 Resp: 40743
Ion Ratio Lower Upper
117 100
201 68.8 34.6 103.8

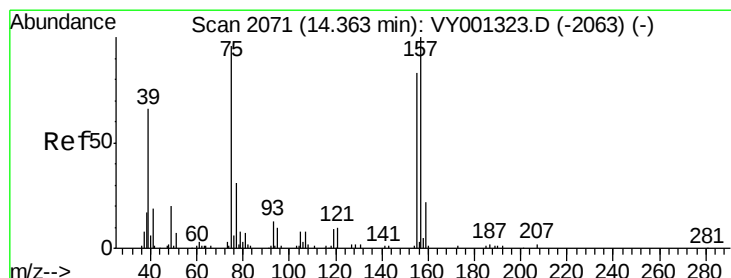
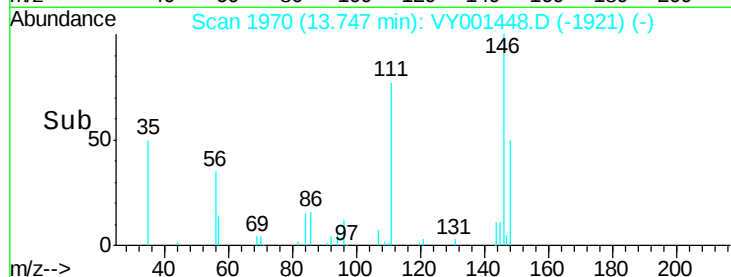
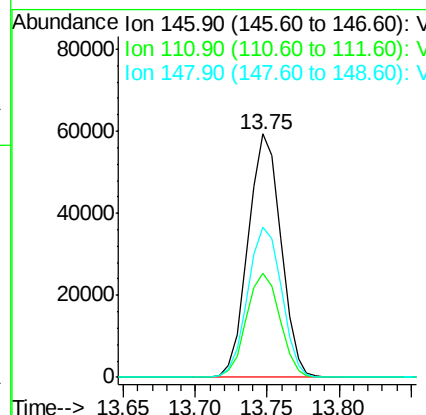
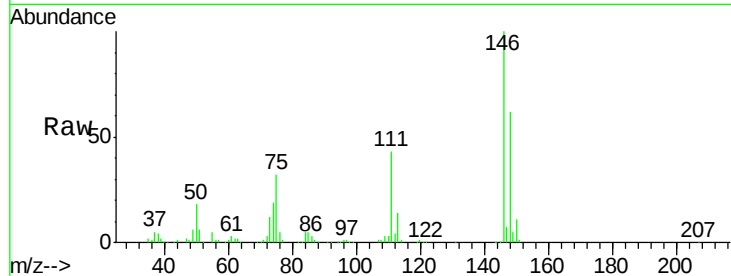




#91
 1,2-Dichlorobenzene
 Concen: 22.75 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

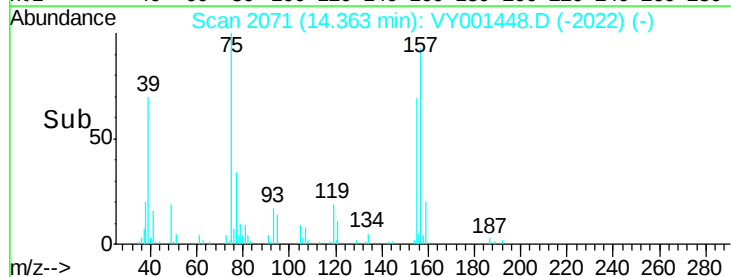
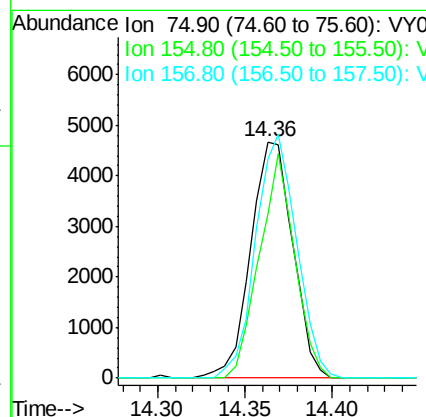
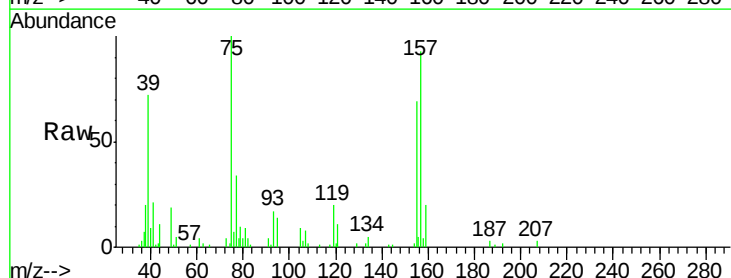
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

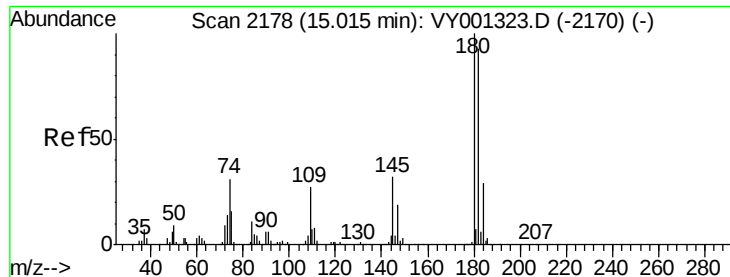
Tgt Ion: 146 Resp: 93434
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 63.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.26 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion: 75 Resp: 7816
 Ion Ratio Lower Upper
 75 100
 155 79.7 43.0 129.2
 157 100.4 53.3 160.0

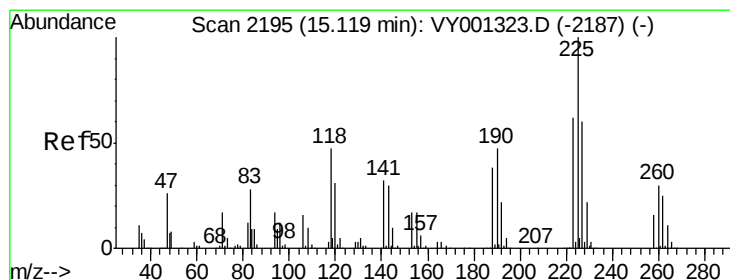
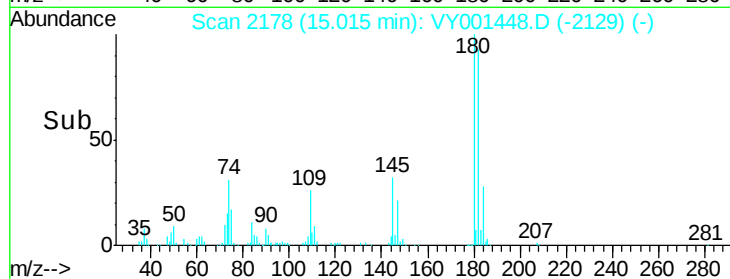
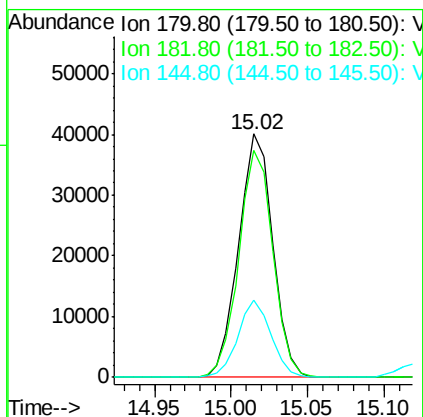
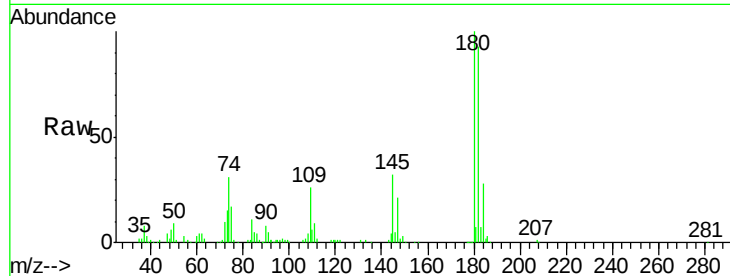




#93
 1,2,4-Trichlorobenzene
 Concen: 22.55 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

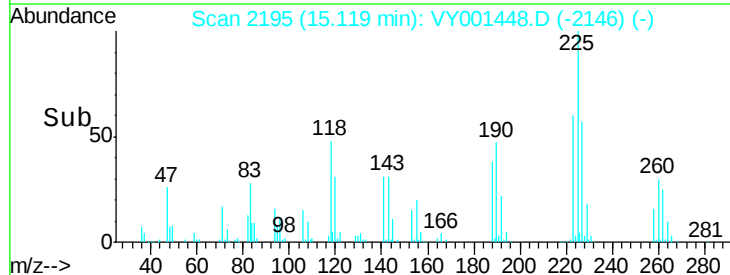
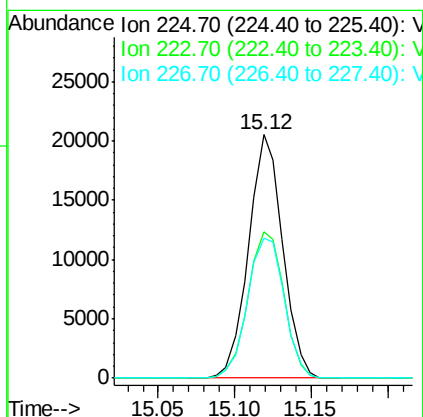
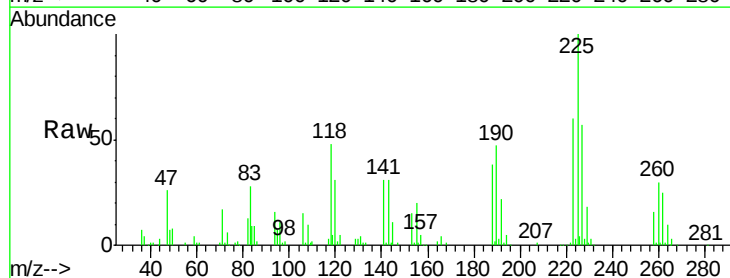
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01

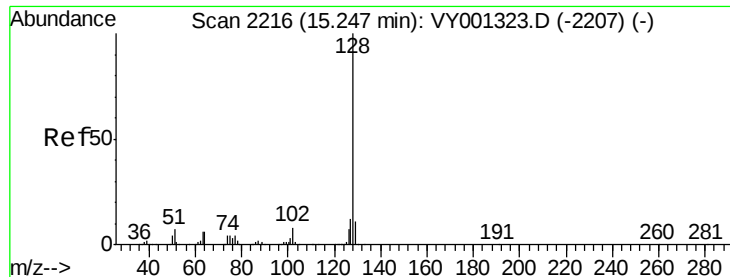
Tgt Ion:180 Resp: 62154
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.6 142.8
 145 30.9 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 23.68 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001448.D
 Acq: 31 Jan 2020 12:33

Tgt Ion:225 Resp: 31791
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 62.1 31.0 93.0

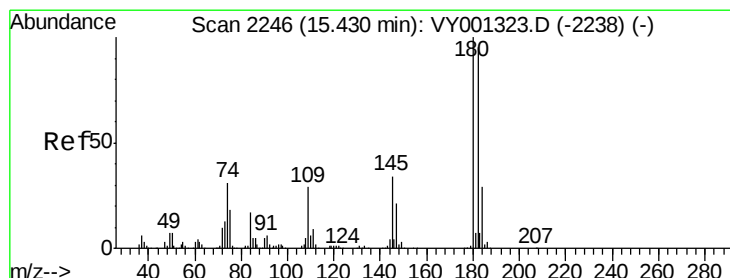
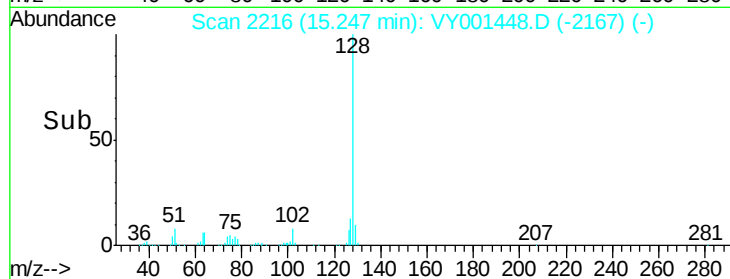
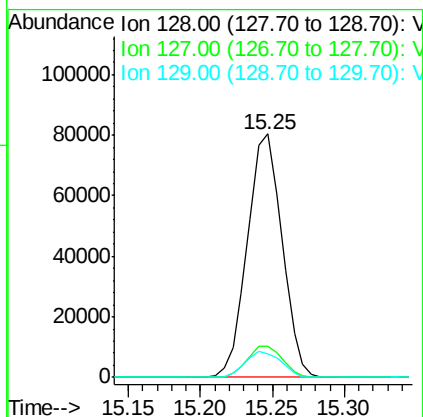
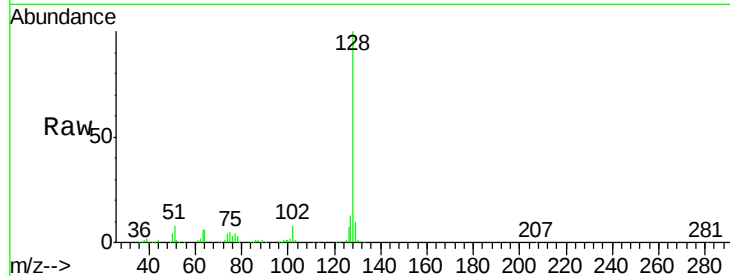




#95
Naphthalene
Concen: 21.29 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:128 Resp: 134186
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.20 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001448.D
Acq: 31 Jan 2020 12:33

Tgt Ion:180 Resp: 53696
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 33.3 16.8 50.3

