

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
 Data File : VY001906.D
 Acq On : 09 Mar 2020 13:02
 Operator : SY/MD
 Sample : VY0309SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Quant Time: Mar 10 11:53:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170978	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	314268	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	282999	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	132698	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	93713	51.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.72	113	86175	50.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.18	98	359741	49.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.48	95	126478	50.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	31626	20.04	ug/l	100
3) Chloromethane	2.12	50	44664	20.99	ug/l	98
4) Vinyl Chloride	2.26	62	43636	20.16	ug/l	98
5) Bromomethane	2.65	94	29450	19.76	ug/l	97
6) Chloroethane	2.79	64	28115	20.68	ug/l	98
7) Trichlorofluoromethane	3.13	101	59756	20.36	ug/l	97
8) Diethyl Ether	3.54	74	25011	21.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	39300	20.82	ug/l	99
10) Methyl Iodide	4.10	142	41440	18.98	ug/l	99
11) Tert butyl alcohol	4.95	59	36444	186.09	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	40094	21.09	ug/l	98
13) Acrolein	3.74	56	26437	103.07	ug/l	97
14) Allyl chloride	4.49	41	70653	20.96	ug/l	98
15) Acrylonitrile	5.18	53	66080	106.89	ug/l	99
16) Acetone	3.96	43	55286	103.99	ug/l	100
17) Carbon Disulfide	4.20	76	130930	20.49	ug/l	99
18) Methyl Acetate	4.49	43	29323	21.47	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	109395	21.24	ug/l	100
20) Methylene Chloride	4.72	84	48151	21.13	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	44860	20.79	ug/l	97
22) Diisopropyl ether	6.13	45	143318	20.75	ug/l	96
23) Vinyl Acetate	6.07	43	480447	106.09	ug/l	99
24) 1,1-Dichloroethane	6.03	63	77172	20.63	ug/l	97
25) 2-Butanone	6.99	43	87644	108.41	ug/l	96
26) 2,2-Dichloropropane	6.99	77	65909	21.47	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	48528	20.68	ug/l	96
28) Bromochloromethane	7.34	49	35435	21.01	ug/l	99
29) Tetrahydrofuran	7.35	42	56576	105.38	ug/l	99
30) Chloroform	7.52	83	73130	20.81	ug/l	100
31) Cyclohexane	7.79	56	82040	20.45	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	61884	20.89	ug/l	99
36) 1,1-Dichloropropene	7.92	75	62230	20.58	ug/l	99
37) Ethyl Acetate	7.08	43	37875	21.55	ug/l	99
38) Carbon Tetrachloride	7.91	117	52845	20.46	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	81986	20.44	ug/l	97
40) Benzene	8.16	78	184078	20.54	ug/l	97
41) Methacrylonitrile	7.36	41	50538	63.89	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	48769	21.11	ug/l	98
43) Isopropyl Acetate	8.28	43	70112	21.07	ug/l	99
44) Trichloroethene	8.94	130	44841	20.54	ug/l	98
45) 1,2-Dichloropropane	9.22	63	46647	20.70	ug/l	98
46) Dibromomethane	9.31	93	24451	21.06	ug/l	97
47) Bromodichloromethane	9.50	83	56589	20.95	ug/l	94
48) Methyl methacrylate	9.30	41	31615	21.41	ug/l	97
49) 1,4-Dioxane	9.30	88	6726	422.72	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	182344	106.38	ug/l	99
52) Toluene	10.24	92	112441	20.65	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61470	20.89	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	72623	20.73	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	35104	20.66	ug/l	97
56) Ethyl methacrylate	10.51	69	52510	21.08	ug/l	98
57) 1,3-Dichloropropane	10.79	76	63104	20.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	134185	139.95	ug/l	100
59) 2-Hexanone	10.83	43	128609	105.12	ug/l	99
60) Dibromochloromethane	10.99	129	36850	20.58	ug/l	99
61) 1,2-Dibromoethane	11.09	107	33886	21.05	ug/l	98
64) Tetrachloroethene	10.72	164	36782	20.73	ug/l	93
65) Chlorobenzene	11.52	112	114651	20.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39269	21.24	ug/l	99
67) Ethyl Benzene	11.60	91	214668	20.41	ug/l	100
68) m/p-Xylenes	11.71	106	159212	40.95	ug/l	99
69) o-Xylene	12.03	106	75835	20.69	ug/l	99
70) Styrene	12.05	104	131209	20.91	ug/l	99
71) Bromoform	12.21	173	21018	20.96	ug/l #	100
73) Isopropylbenzene	12.33	105	203140	20.05	ug/l	98
74) N-amyl acetate	12.14	43	65061	20.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44755	20.49	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	58490	37.15	ug/l #	100
77) Bromobenzene	12.61	156	44393	20.68	ug/l	96
78) n-propylbenzene	12.67	91	254730	20.38	ug/l	100
79) 2-Chlorotoluene	12.76	91	138275	20.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	171929	20.62	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	15656	20.08	ug/l	96
82) 4-Chlorotoluene	12.86	91	146353	20.36	ug/l	99
83) tert-Butylbenzene	13.08	119	142155	20.52	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	168996	20.42	ug/l	99
85) sec-Butylbenzene	13.25	105	211359	20.70	ug/l	100
86) p-Isopropyltoluene	13.37	119	185213	21.03	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	86766	20.63	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87197	20.44	ug/l	97
89) n-Butylbenzene	13.70	91	189273	20.71	ug/l	100
90) Hexachloroethane	13.96	117	33850	20.37	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	78601	20.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7060	20.71	ug/l	97

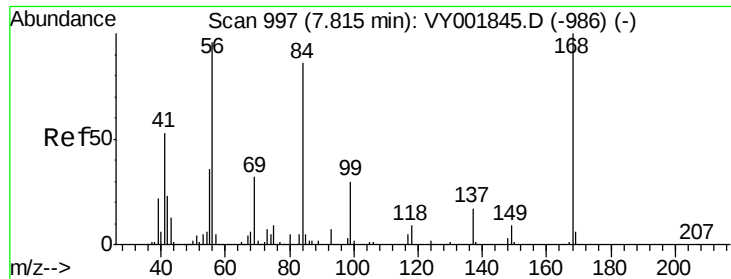
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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	53258	21.49	ug/l	100
94) Hexachlorobutadiene	15.11	225	25967	21.50	ug/l	97
95) Naphthalene	15.24	128	121944	20.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	46641	21.37	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

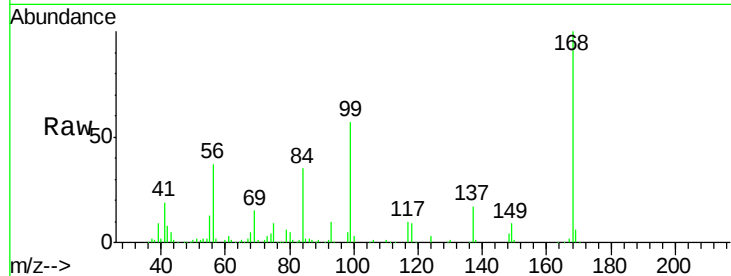
VY0309SBS01

Tgt Ion:168 Resp: 170978

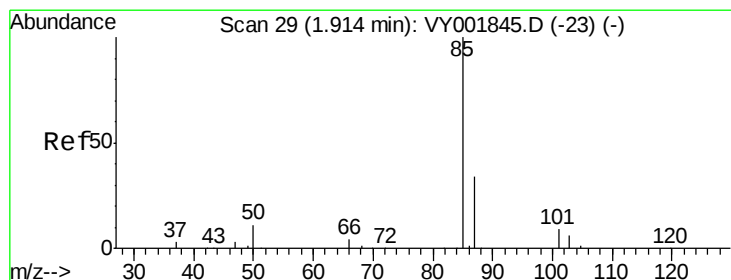
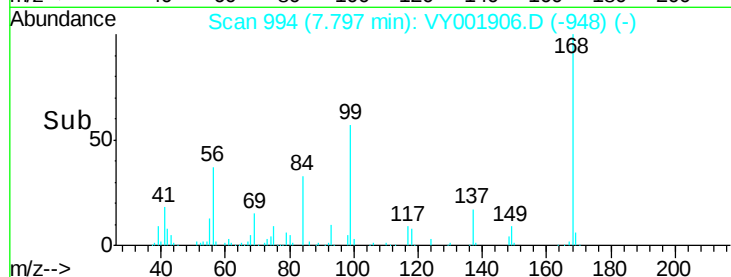
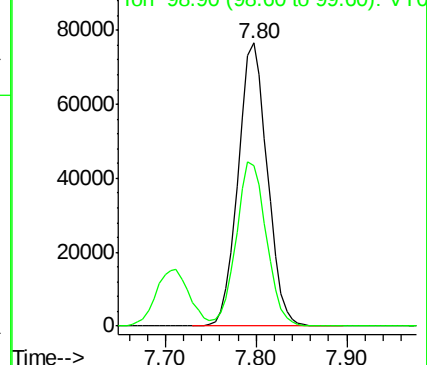
Ion Ratio Lower Upper

168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 20.04 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001906.D

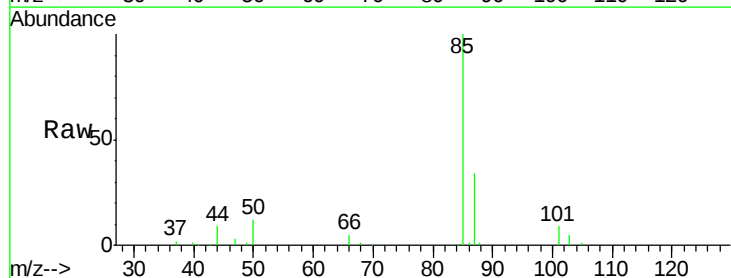
Acq: 09 Mar 2020 13:02

Tgt Ion: 85 Resp: 31626

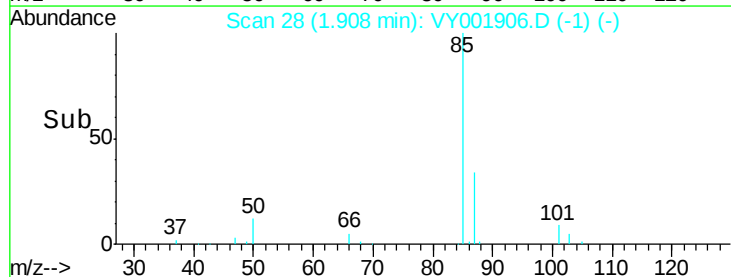
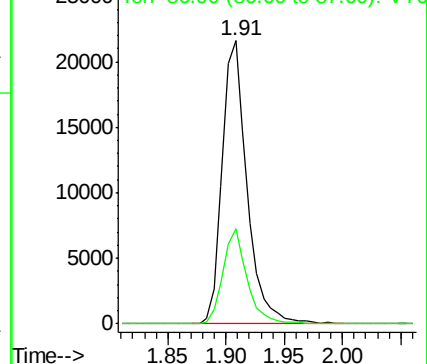
Ion Ratio Lower Upper

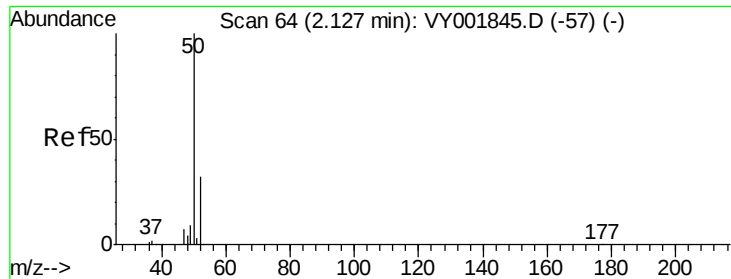
85 100

87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 20.99 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

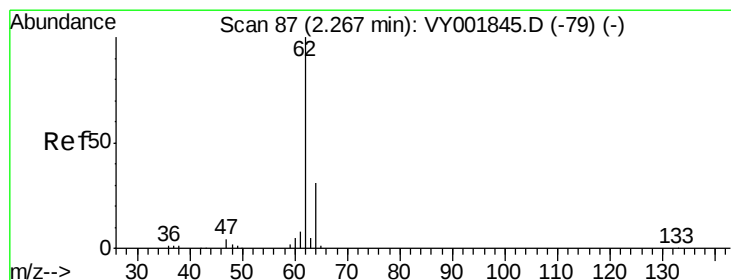
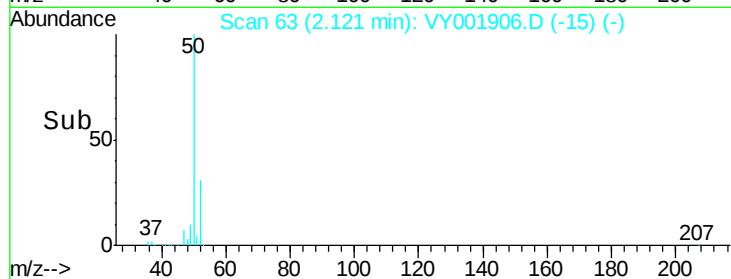
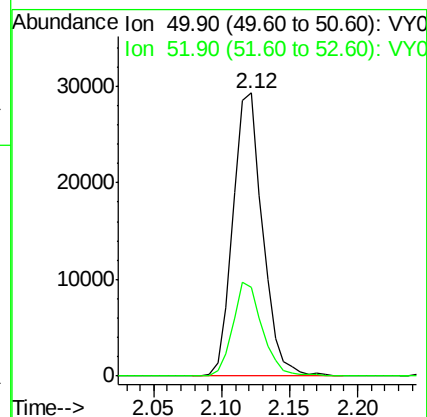
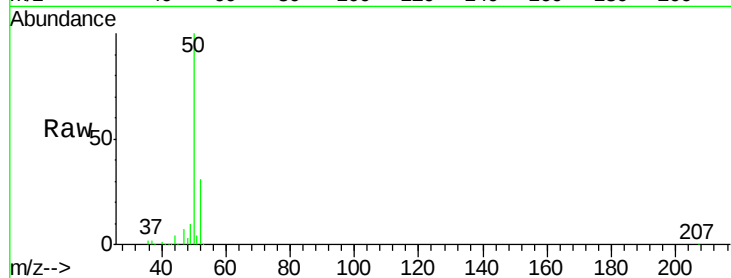
VY0309SBS01

Tgt Ion: 50 Resp: 44664

Ion Ratio Lower Upper

50 100

52 31.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.16 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001906.D

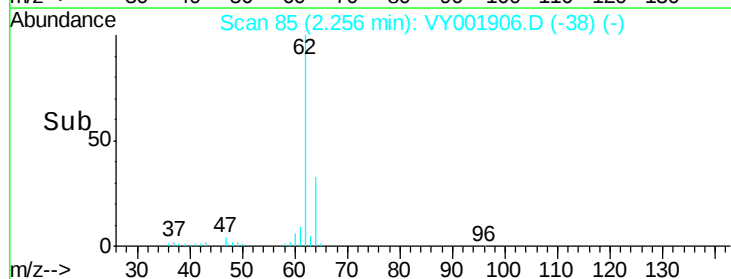
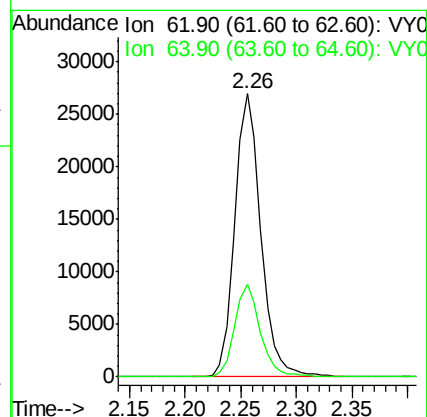
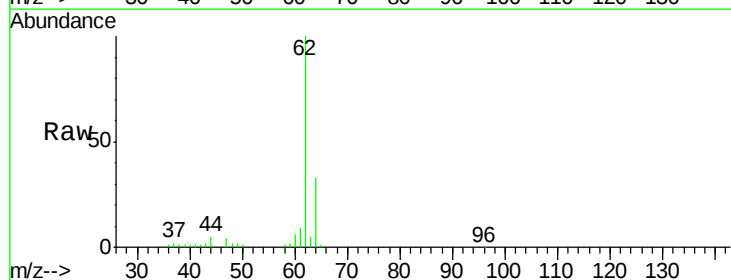
Acq: 09 Mar 2020 13:02

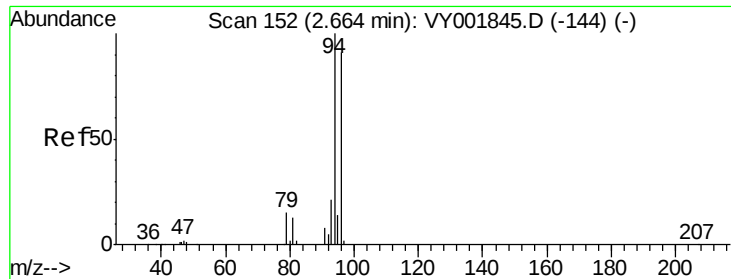
Tgt Ion: 62 Resp: 43636

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 19.76 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

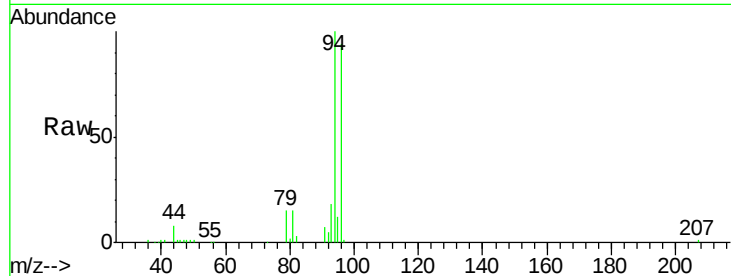
VY0309SBS01

Tgt Ion: 94 Resp: 29450

Ion Ratio Lower Upper

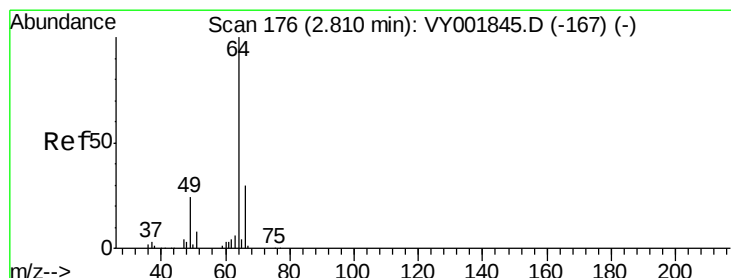
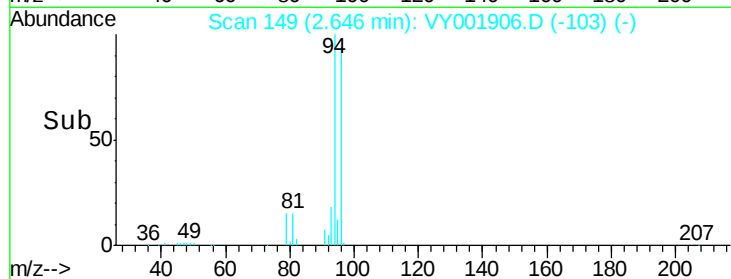
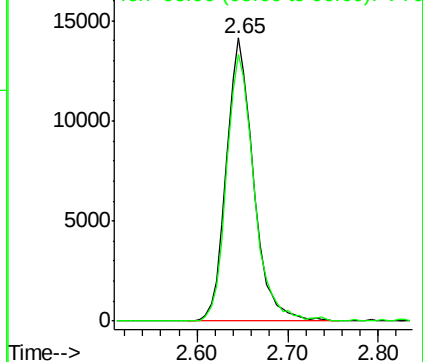
94 100

96 94.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.68 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.02 min

Lab File: VY001906.D

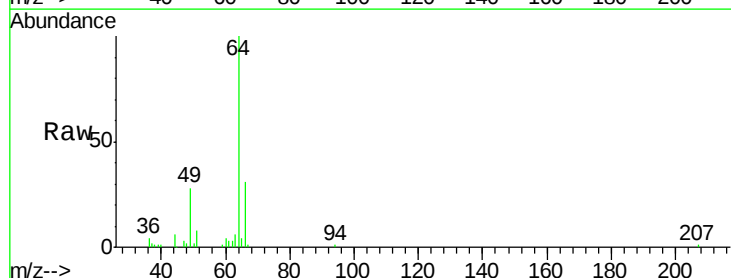
Acq: 09 Mar 2020 13:02

Tgt Ion: 64 Resp: 28115

Ion Ratio Lower Upper

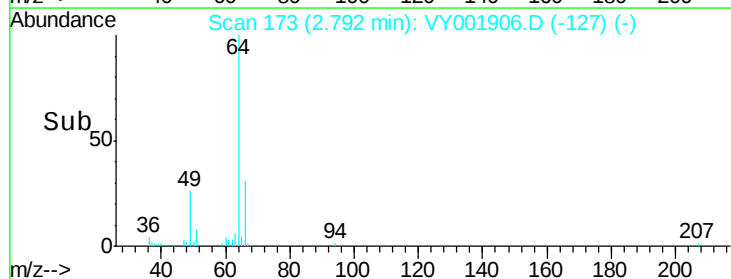
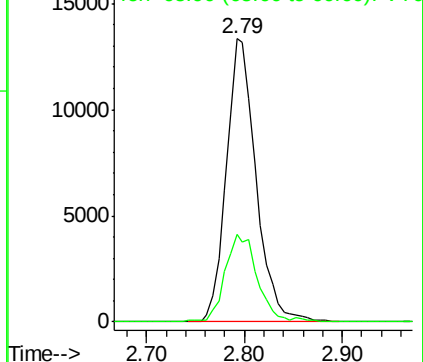
64 100

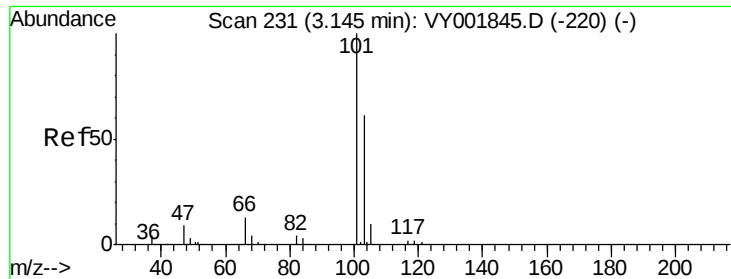
66 31.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 20.36 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

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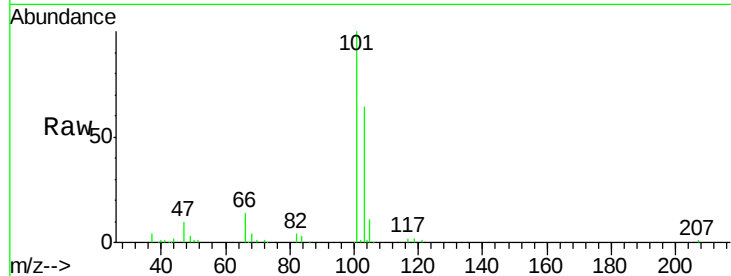
VY0309SBS01

Tgt Ion:101 Resp: 59756

Ion Ratio Lower Upper

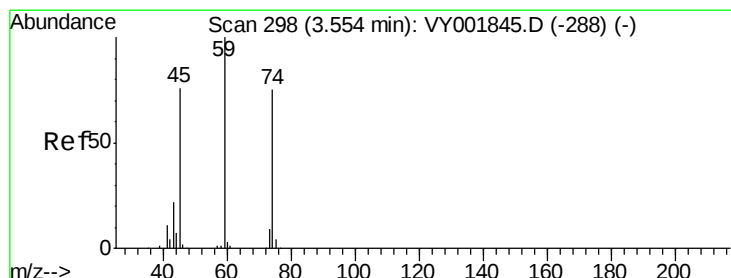
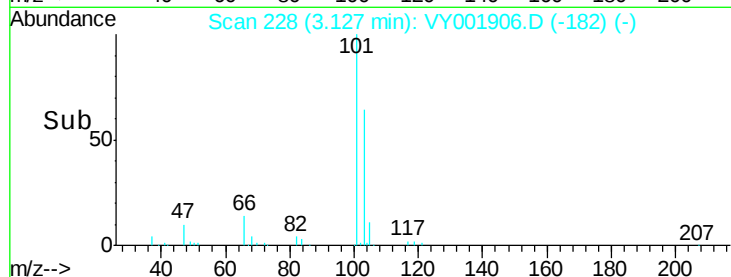
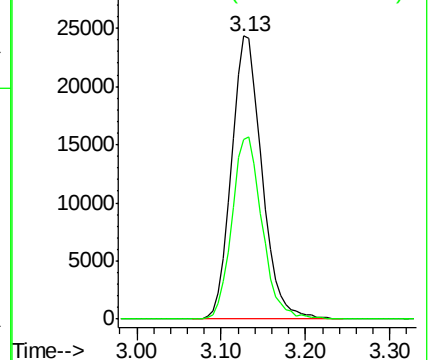
101 100

103 63.5 49.1 73.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.62 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.02 min

Lab File: VY001906.D

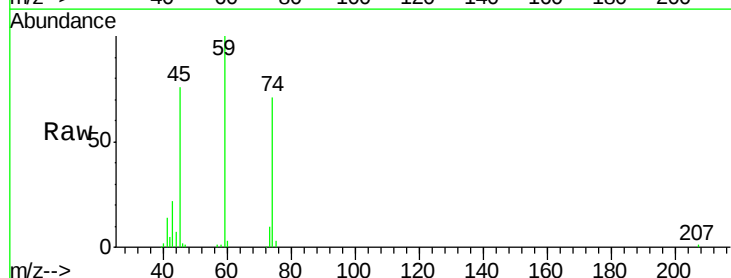
Acq: 09 Mar 2020 13:02

Tgt Ion: 74 Resp: 25011

Ion Ratio Lower Upper

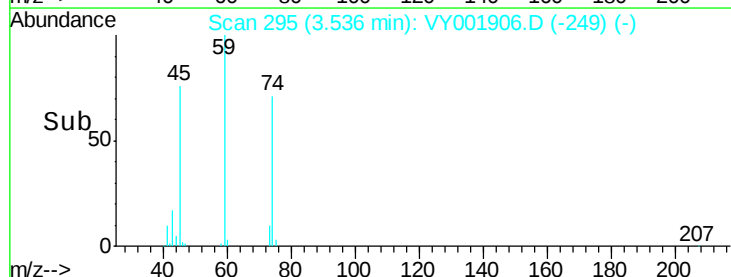
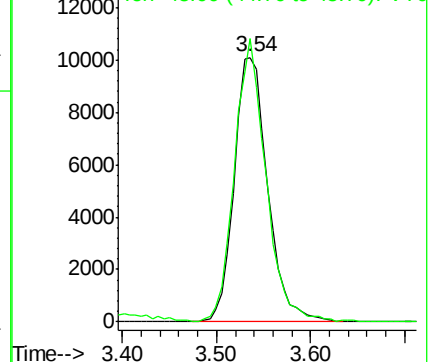
74 100

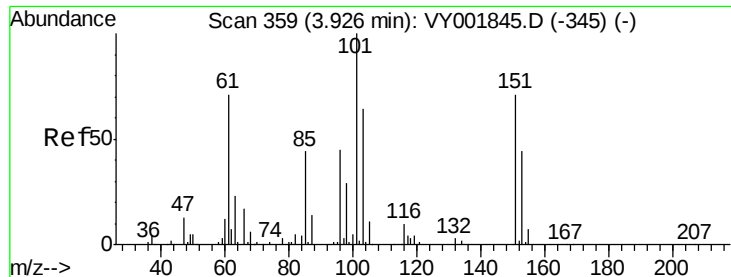
45 100.6 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.82 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

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VY0309SBS01

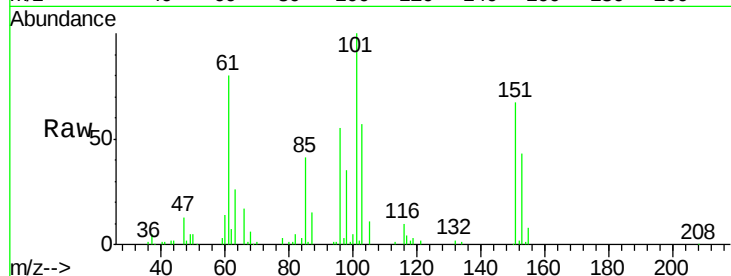
Tgt Ion:101 Resp: 39300

Ion Ratio Lower Upper

101 100

85 44.3 35.3 52.9

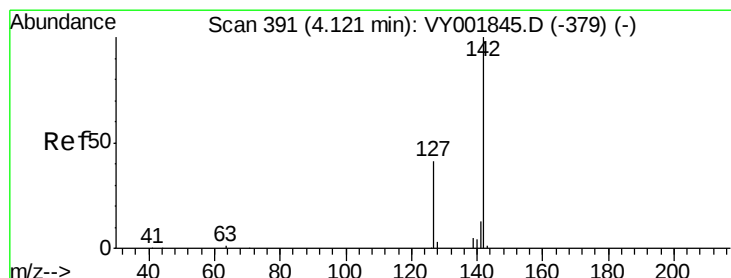
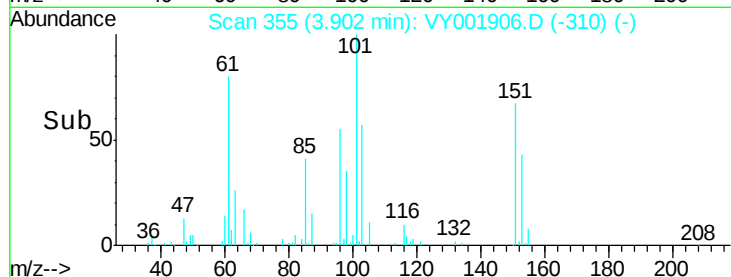
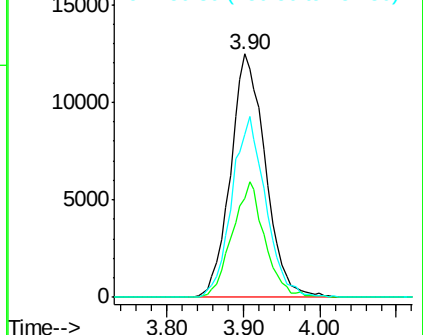
151 72.2 57.0 85.4



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: 18.98 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

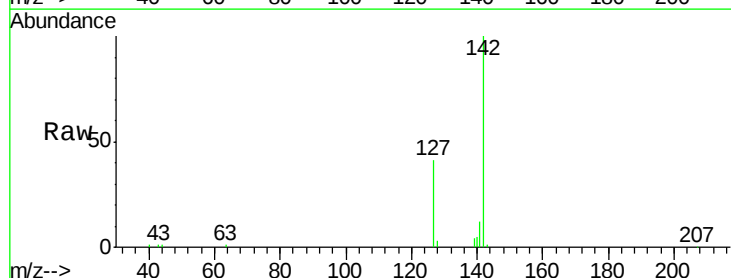
Tgt Ion:142 Resp: 41440

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

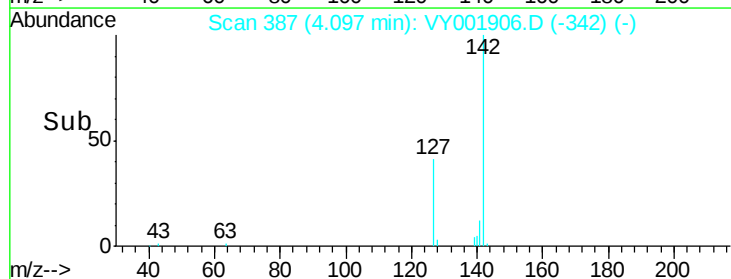
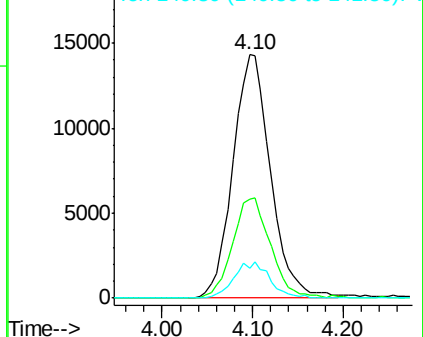
141 14.1 11.0 16.6

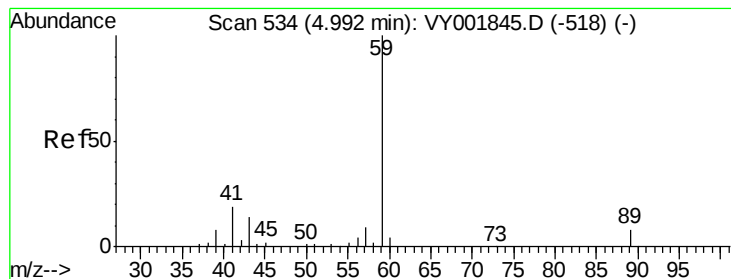


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 186.09 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.04 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

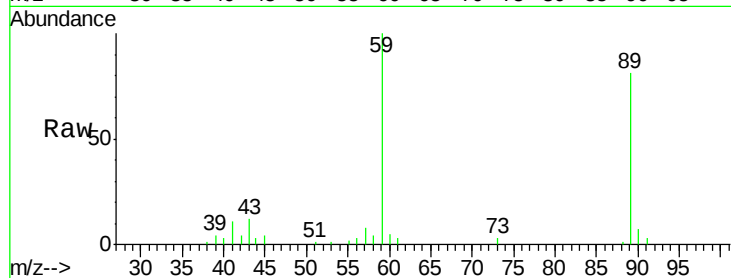
VY0309SBS01

Tgt Ion: 59 Resp: 36444

Ion Ratio Lower Upper

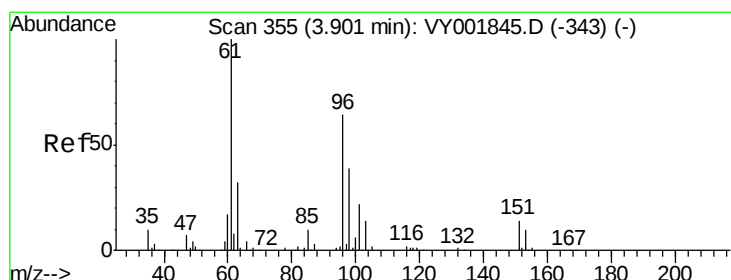
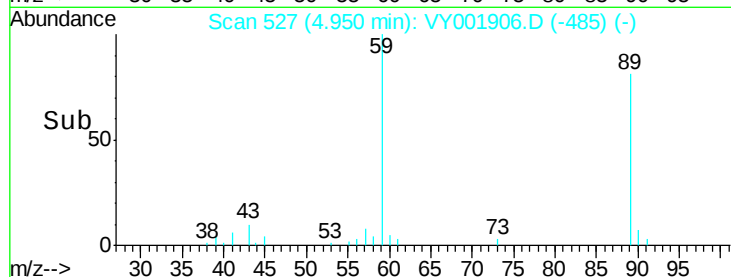
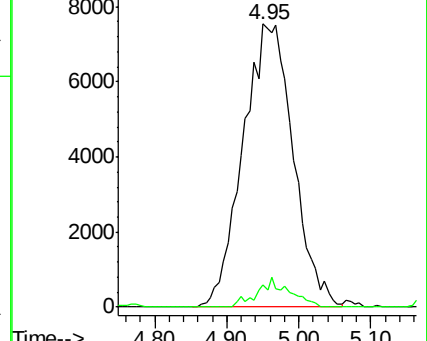
59 100

57 6.1 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 21.09 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

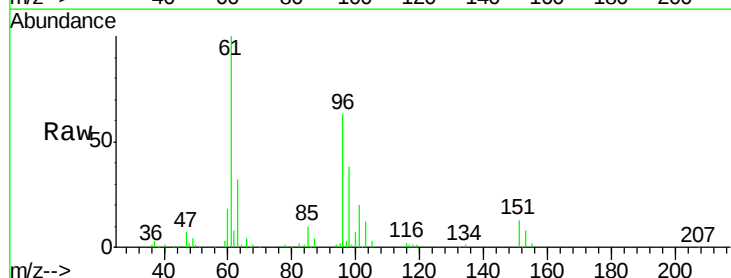
Tgt Ion: 96 Resp: 40094

Ion Ratio Lower Upper

96 100

61 159.2 124.8 187.2

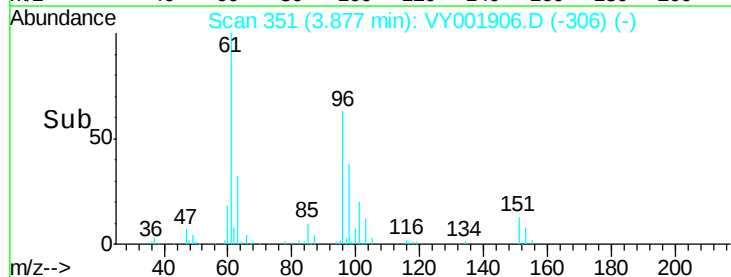
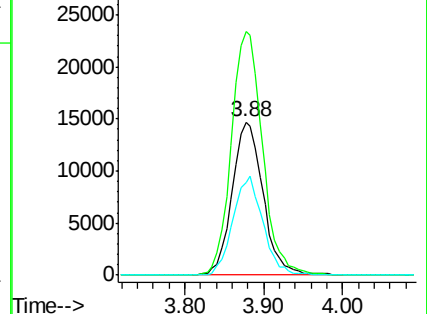
98 60.3 49.2 73.8

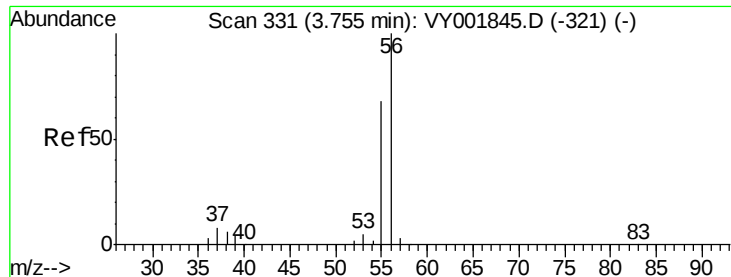


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

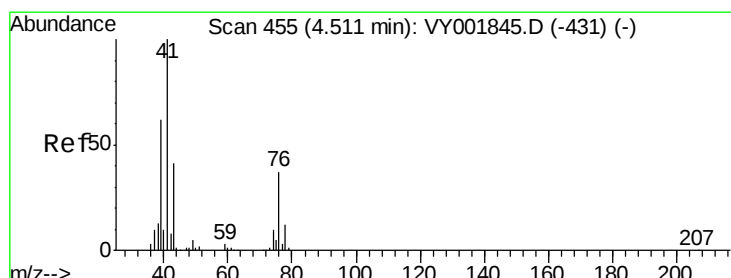
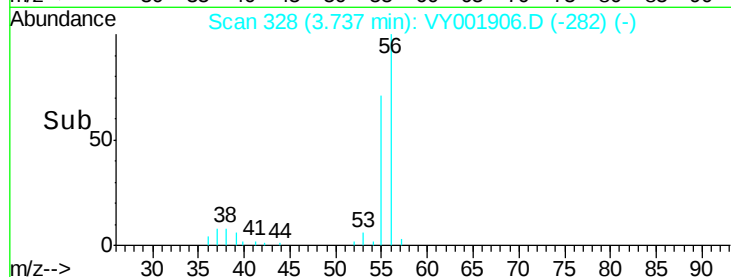
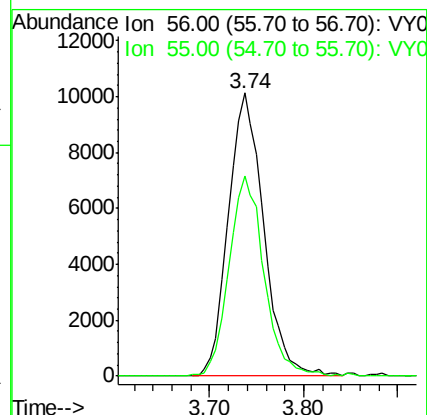
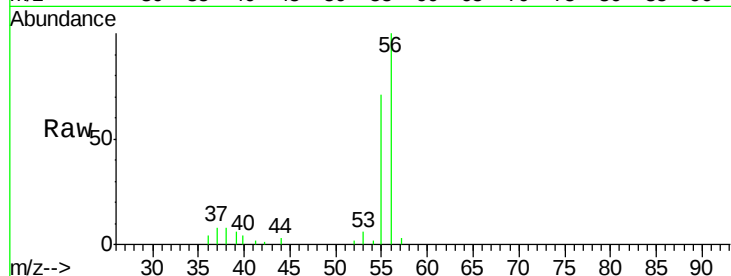




#13
Acrolein
Concen: 103.07 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

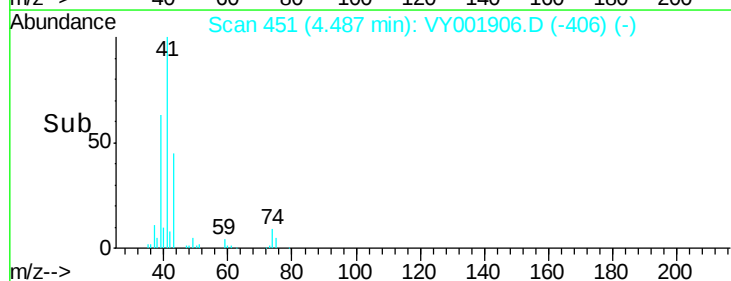
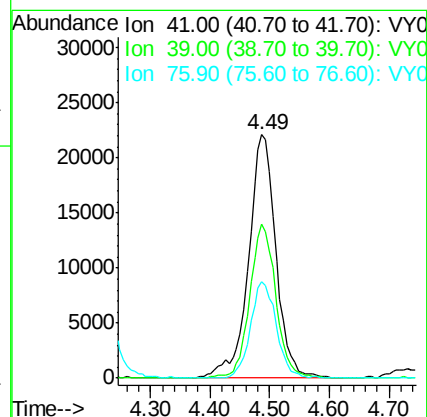
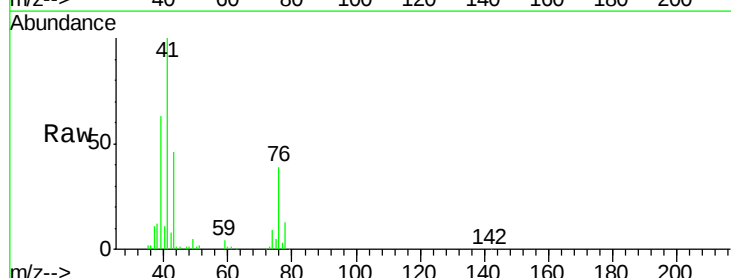
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

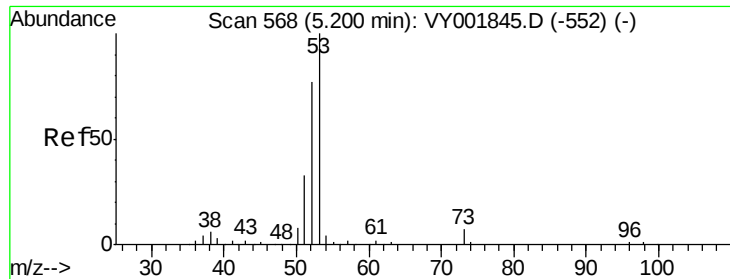
Tgt Ion: 56 Resp: 26437
Ion Ratio Lower Upper
56 100
55 69.7 54.0 81.0



#14
Allyl chloride
Concen: 20.96 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 41 Resp: 70653
Ion Ratio Lower Upper
41 100
39 60.3 49.0 73.6
76 37.2 28.9 43.3

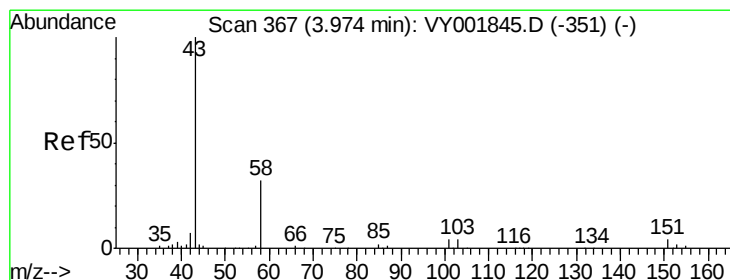
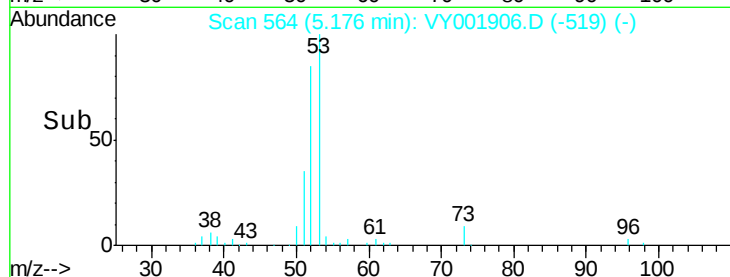
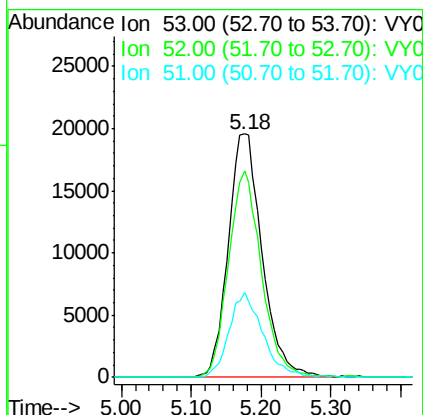
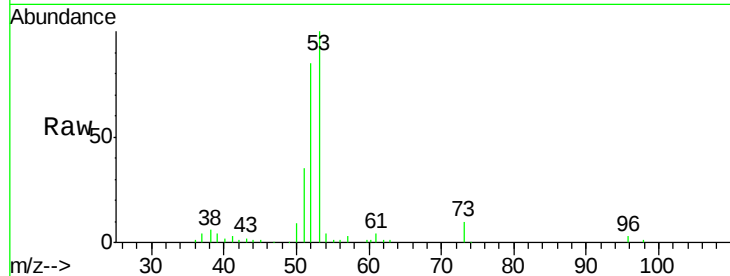




#15
 Acrylonitrile
 Concen: 106.89 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

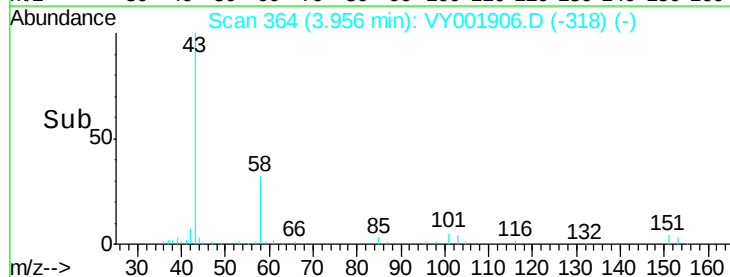
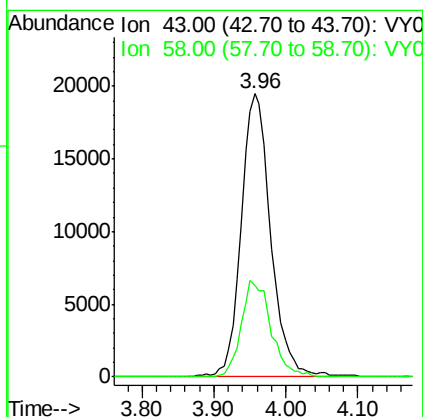
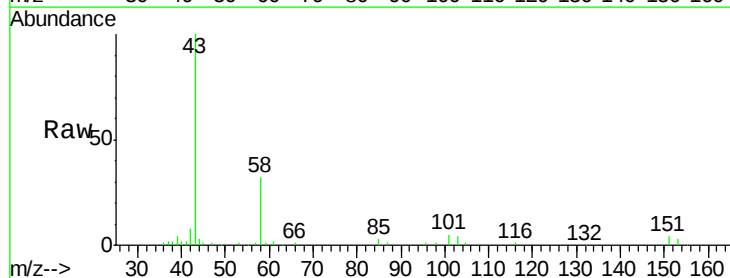
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

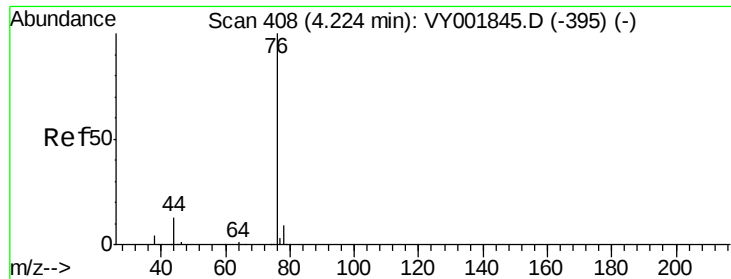
Tgt Ion: 53 Resp: 66080
 Ion Ratio Lower Upper
 53 100
 52 82.3 65.1 97.7
 51 34.5 27.5 41.3



#16
 Acetone
 Concen: 103.99 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 43 Resp: 55286
 Ion Ratio Lower Upper
 43 100
 58 32.2 25.9 38.9





#17

Carbon Disulfide

Concen: 20.49 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

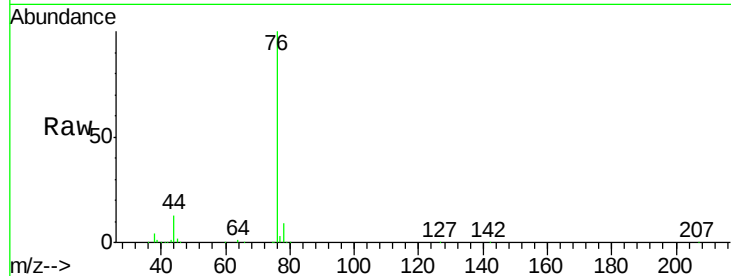
VY0309SBS01

Tgt Ion: 76 Resp: 130930

Ion Ratio Lower Upper

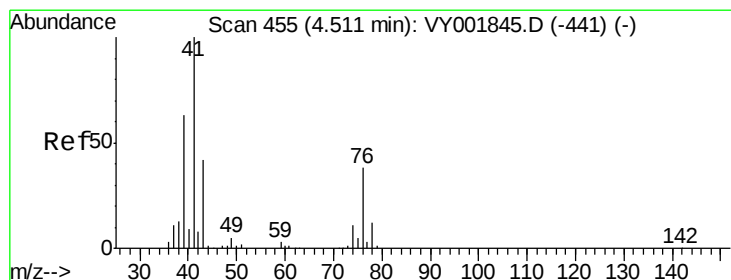
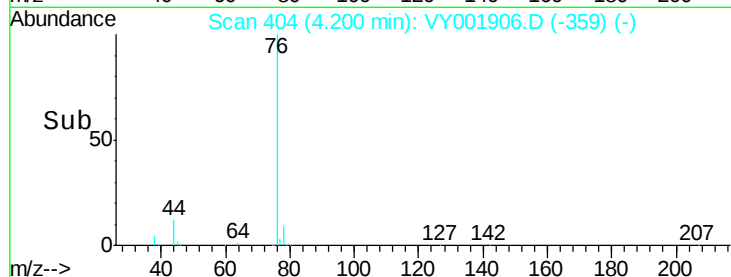
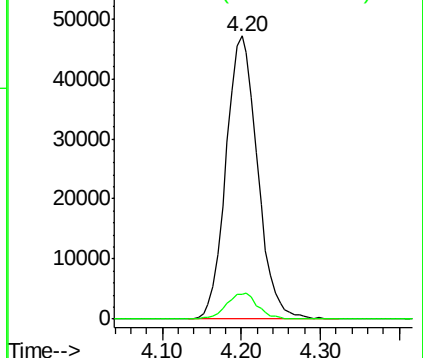
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.47 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001906.D

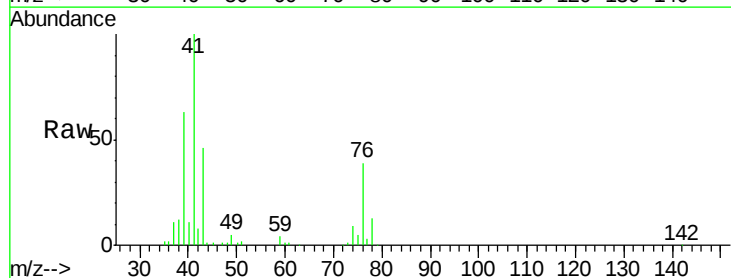
Acq: 09 Mar 2020 13:02

Tgt Ion: 43 Resp: 29323

Ion Ratio Lower Upper

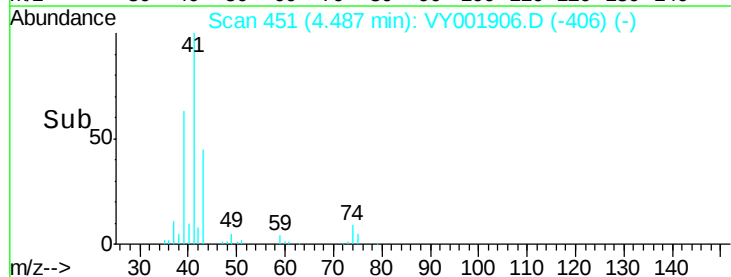
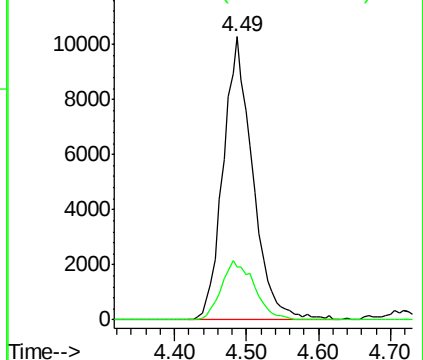
43 100

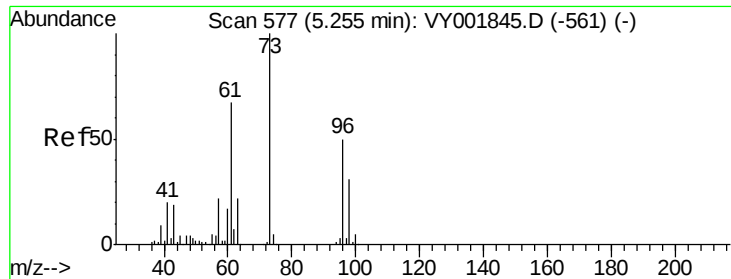
74 23.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

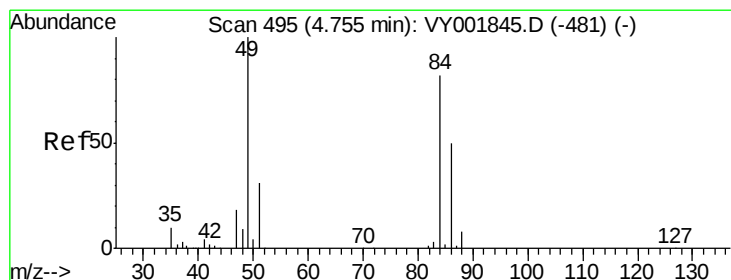
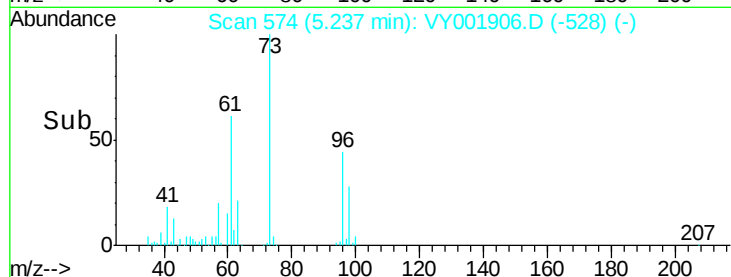
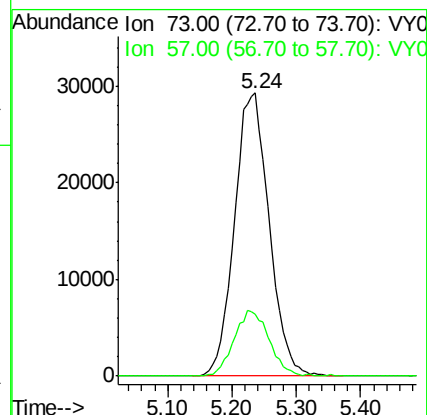
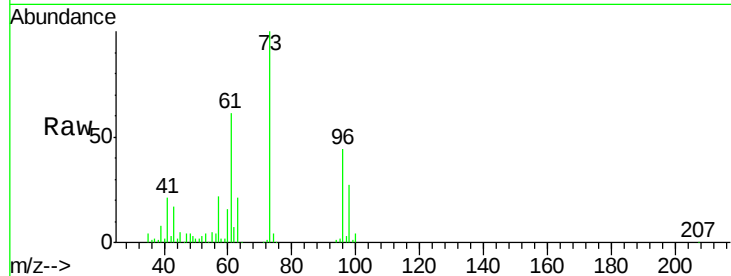




#19
Methyl tert-butyl Ether
Concen: 21.24 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

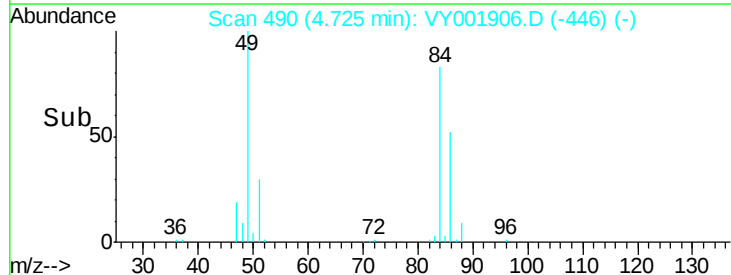
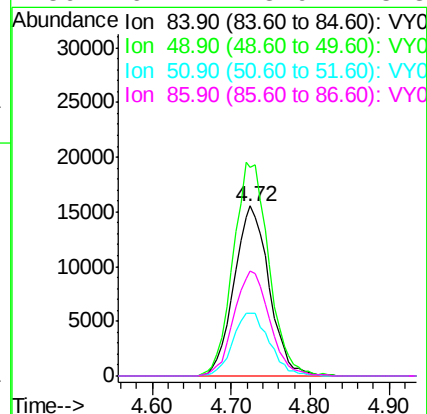
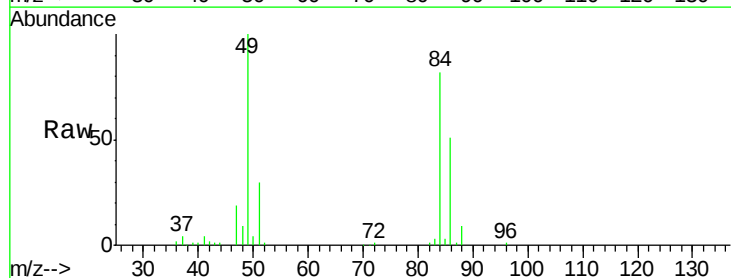
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

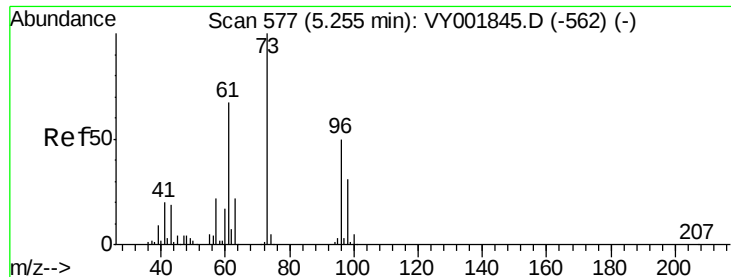
Tgt Ion: 73 Resp: 109395
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 21.13 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 84 Resp: 48151
Ion Ratio Lower Upper
84 100
49 122.6 98.2 147.2
51 37.0 30.2 45.2
86 62.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.79 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

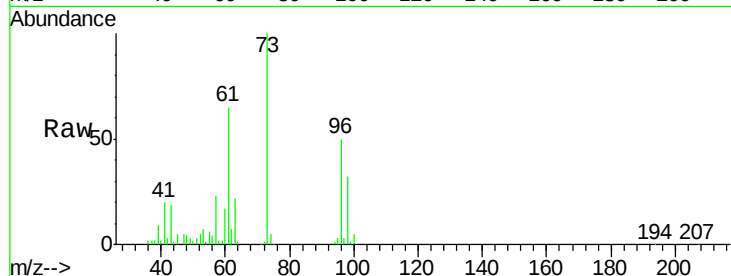
Tgt Ion: 96 Resp: 44860

Ion Ratio Lower Upper

96 100

61 130.6 107.7 161.5

98 63.1 49.3 73.9

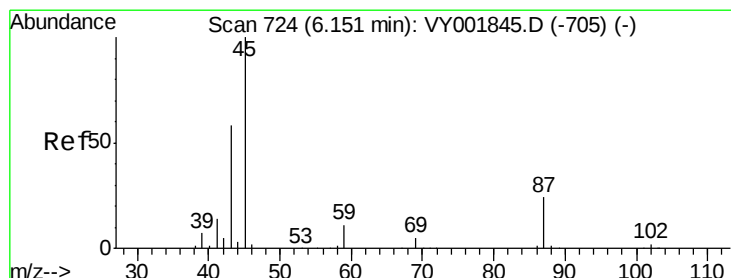
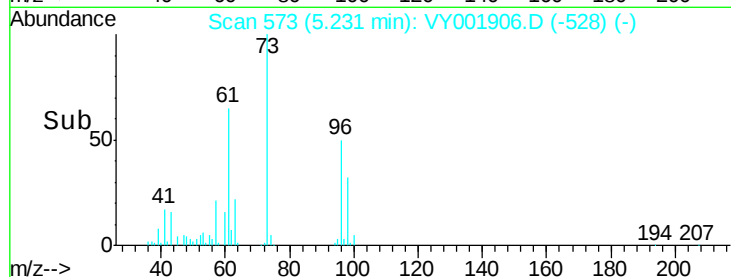
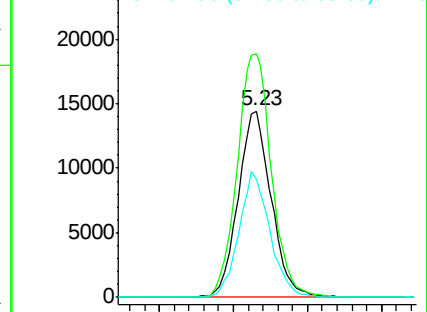


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.75 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion: 45 Resp: 143318

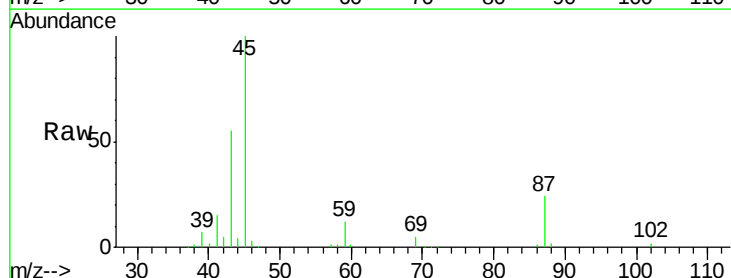
Ion Ratio Lower Upper

45 100

43 54.7 47.2 70.8

87 24.4 19.8 29.8

59 12.0 8.8 13.2



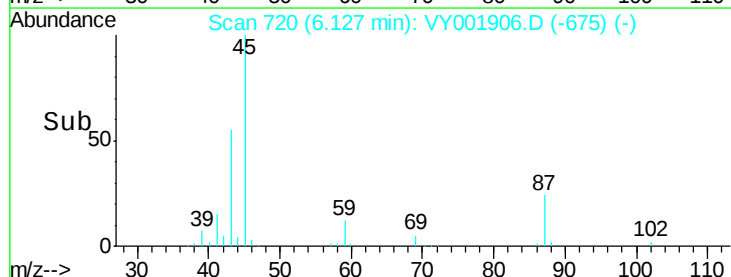
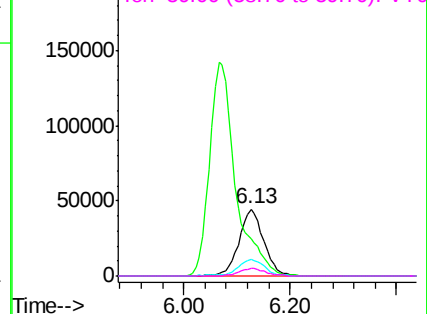
Abundance

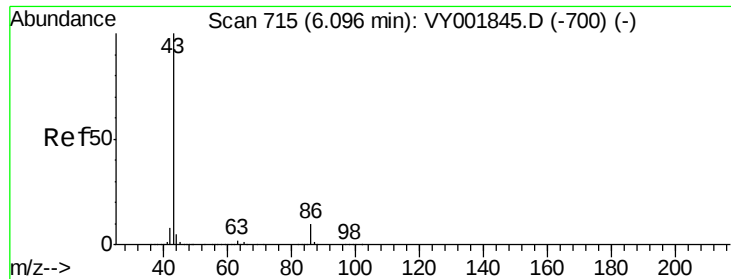
Ion 45.00 (44.70 to 45.70): VY0

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

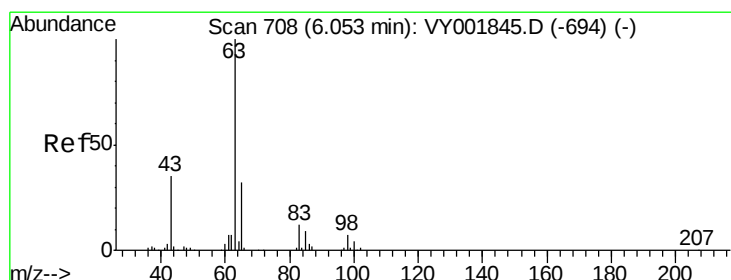
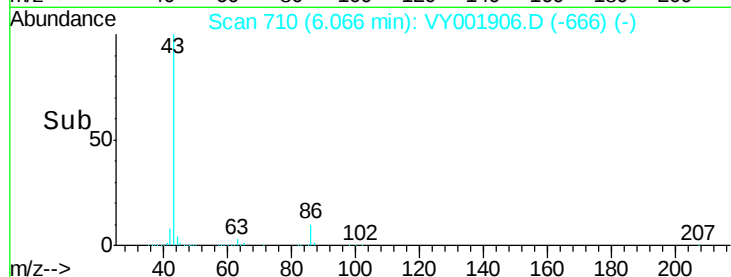
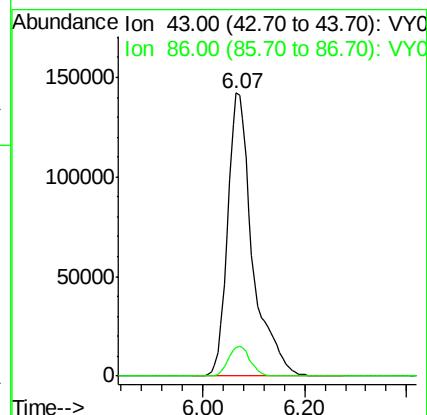
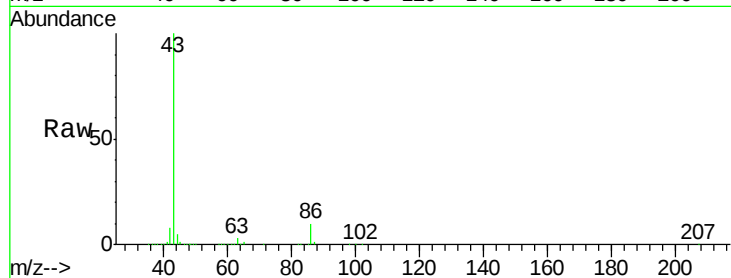




#23
 Vinyl Acetate
 Concen: 106.09 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

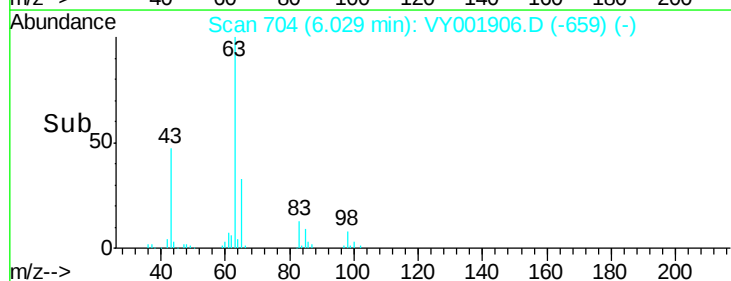
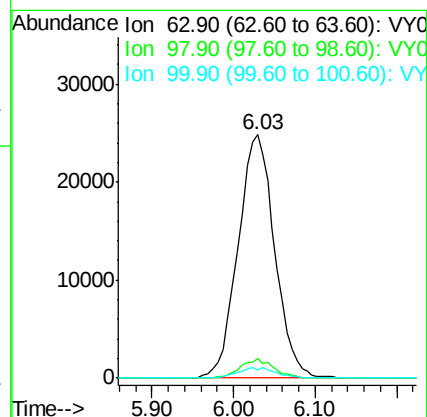
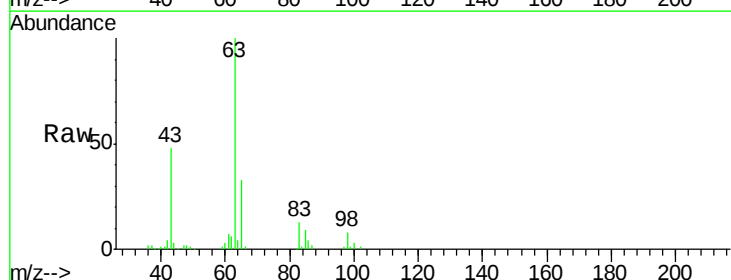
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

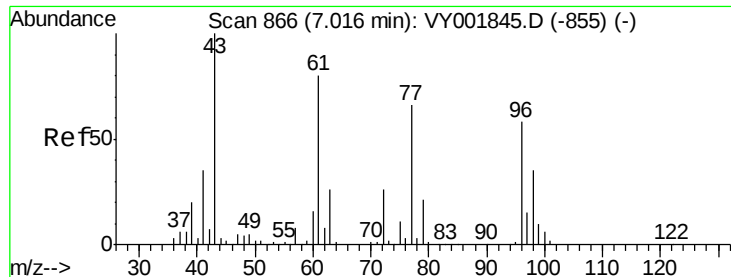
Tgt Ion: 43 Resp: 480447
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.63 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 63 Resp: 77172
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 3.5 2.0 6.0





#25

2-Butanone

Concen: 108.41 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

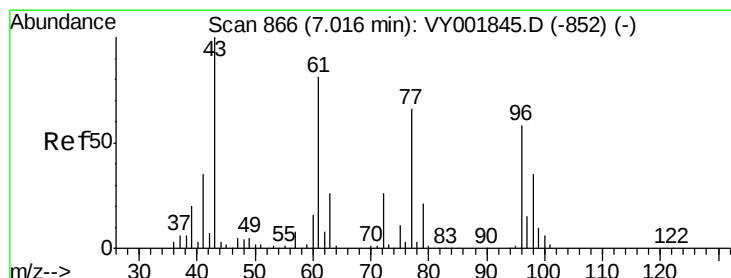
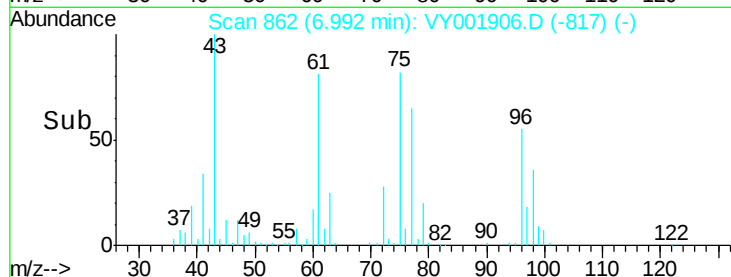
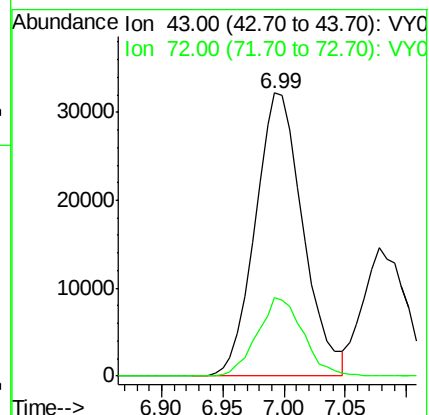
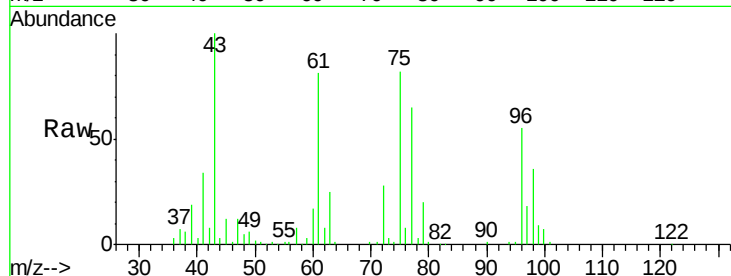
VY0309SBS01

Tgt Ion: 43 Resp: 87644

Ion Ratio Lower Upper

43 100

72 28.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.47 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001906.D

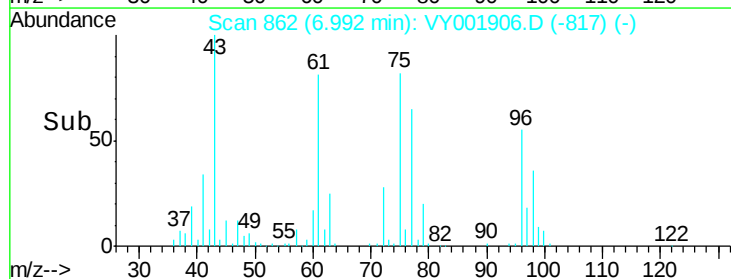
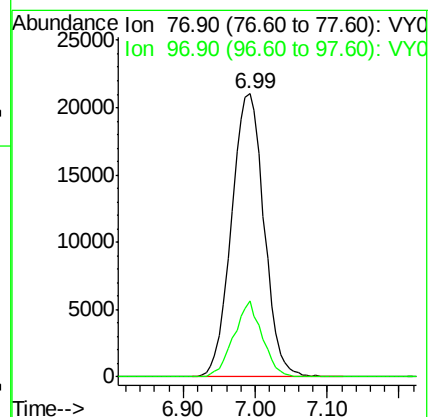
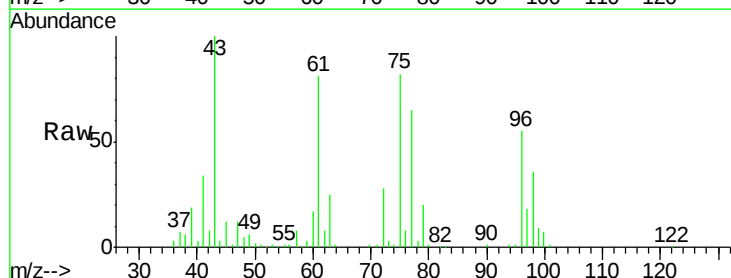
Acq: 09 Mar 2020 13:02

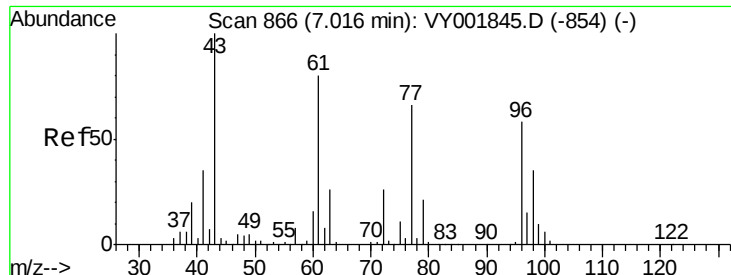
Tgt Ion: 77 Resp: 65909

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7

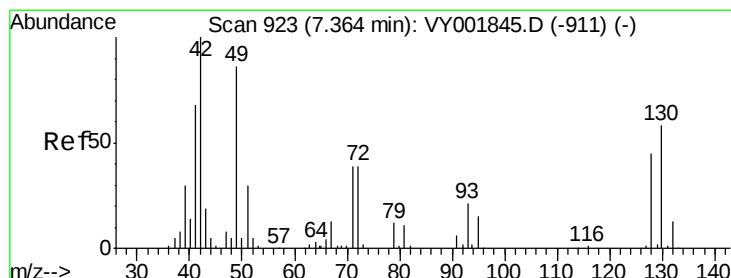
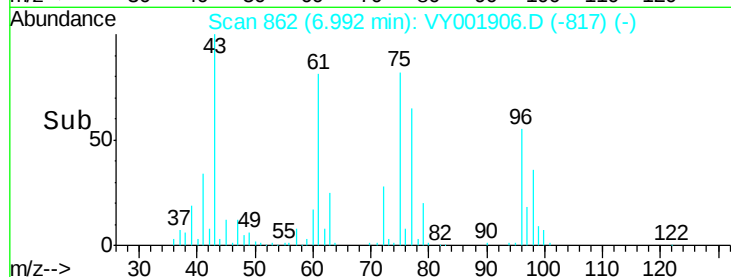
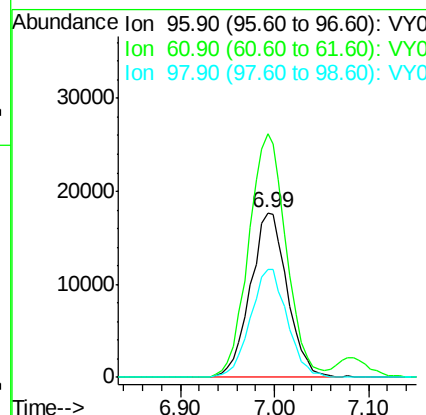
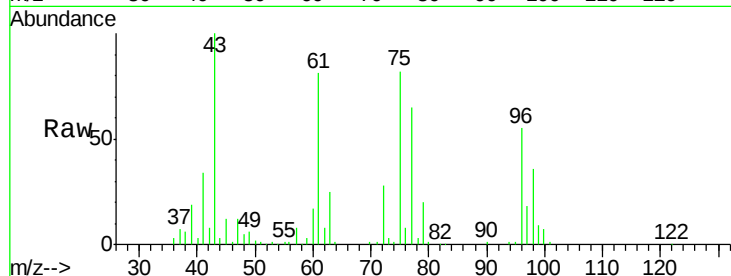




#27
 cis-1,2-Dichloroethene
 Concen: 20.68 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

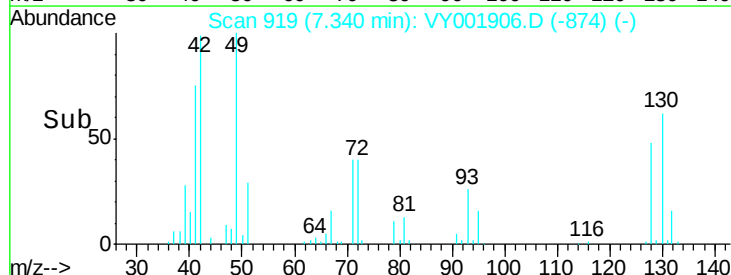
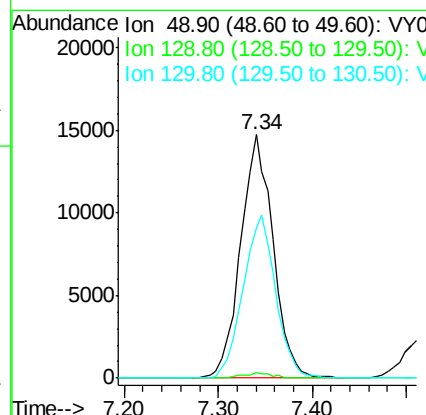
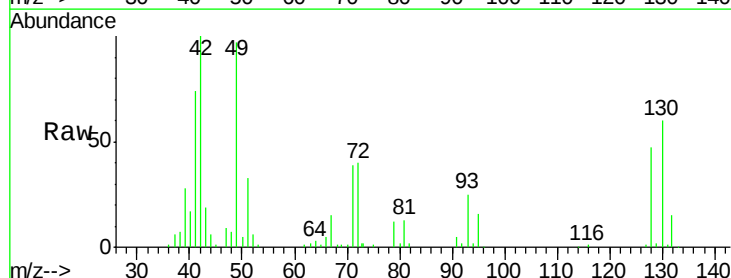
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

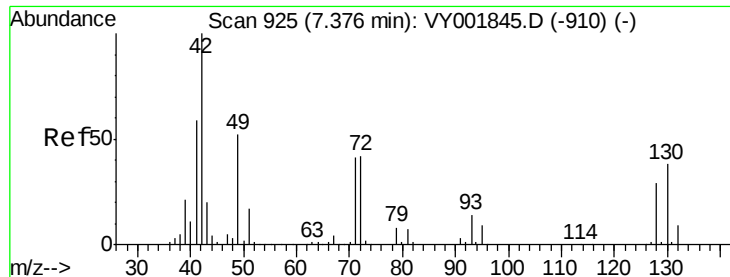
Tgt Ion: 96 Resp: 48528
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 288.2
 98 65.6 0.0 129.0



#28
 Bromochloromethane
 Concen: 21.01 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 49 Resp: 35435
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 67.1 54.4 81.6

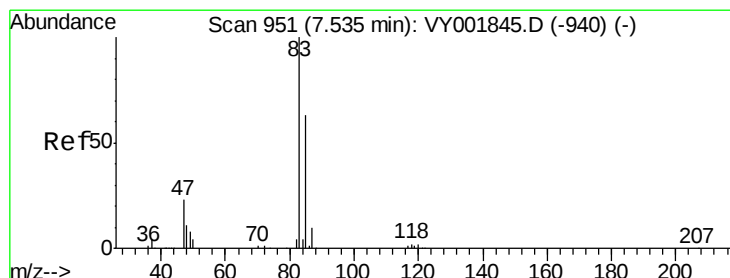
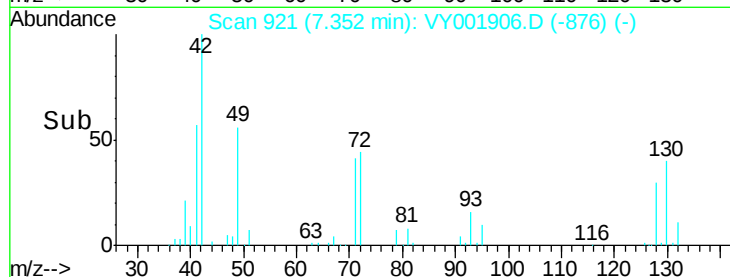
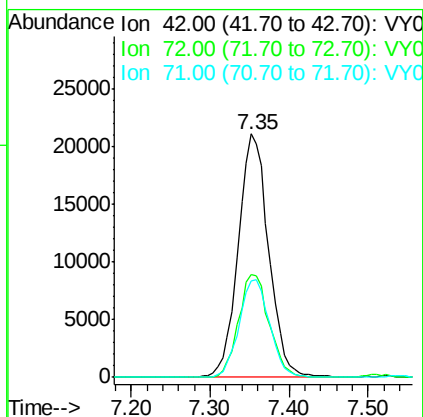
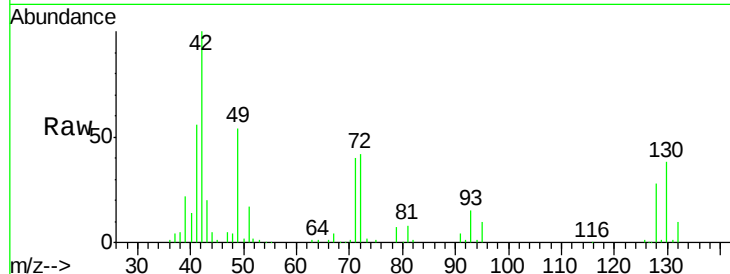




#29
Tetrahydrofuran
Concen: 105.38 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

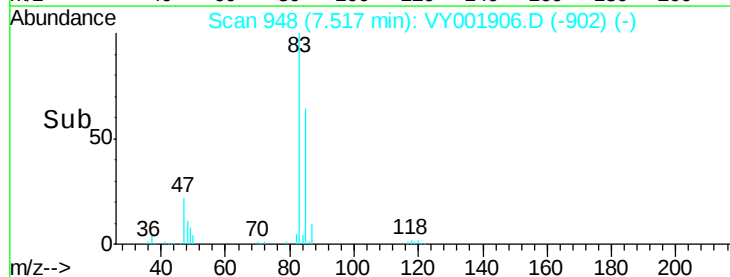
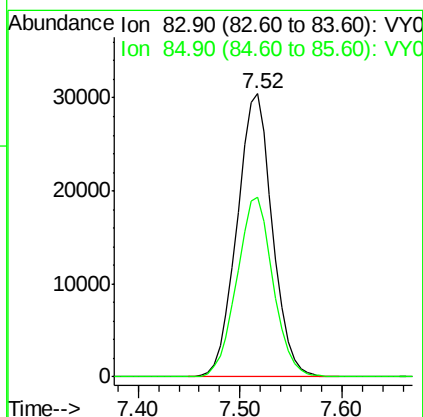
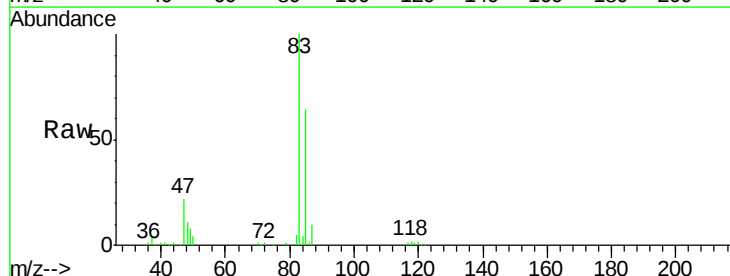
Instrument :
MSVOA_Y
ClientSampled :
VY0309SBS01

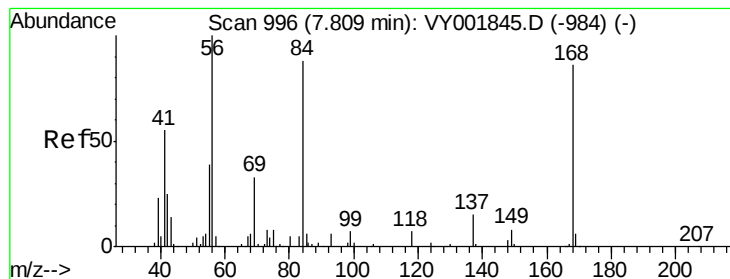
Tgt Ion: 42 Resp: 56576
Ion Ratio Lower Upper
42 100
72 42.5 33.5 50.3
71 40.3 31.3 46.9



#30
Chloroform
Concen: 20.81 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 83 Resp: 73130
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1





#31

Cyclohexane

Concen: 20.45 ug/l

RT: 7.79 min Scan# 992

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

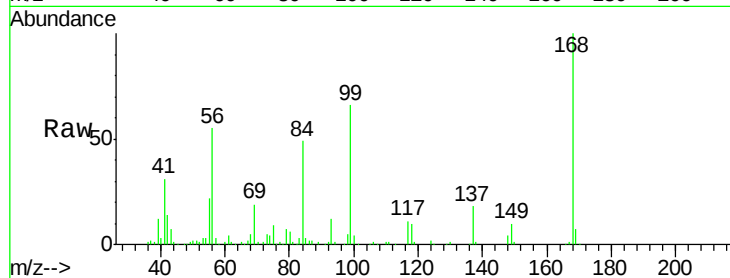
Tgt Ion: 56 Resp: 82040

Ion Ratio Lower Upper

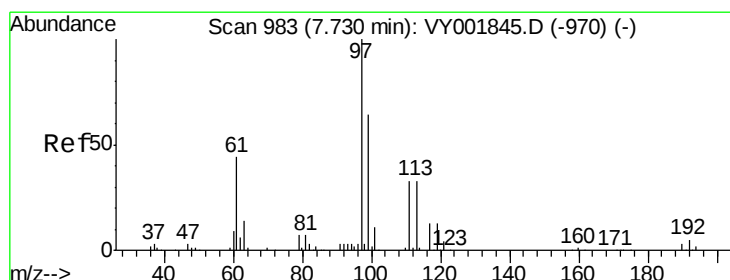
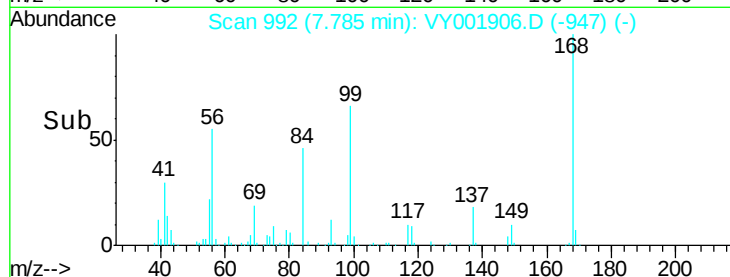
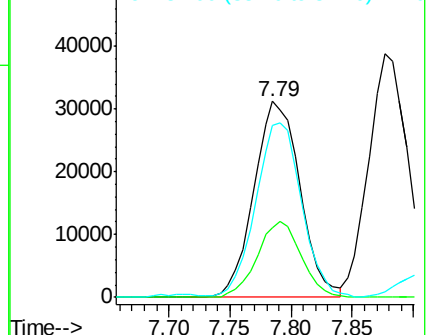
56 100

69 35.3 26.7 40.1

84 86.7 70.4 105.6



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: 20.89 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

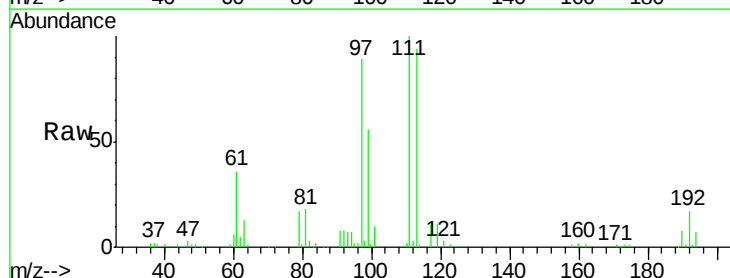
Tgt Ion: 97 Resp: 61884

Ion Ratio Lower Upper

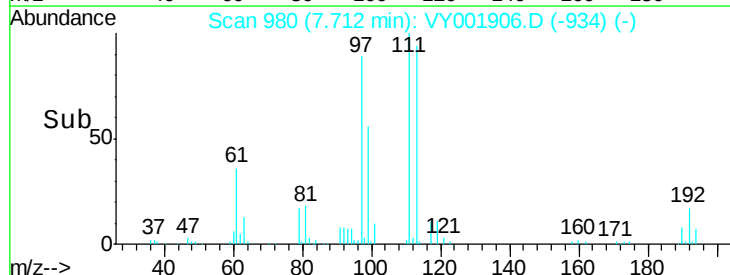
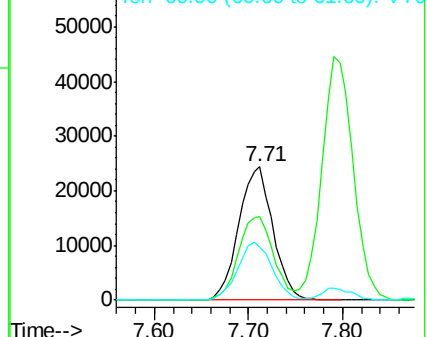
97 100

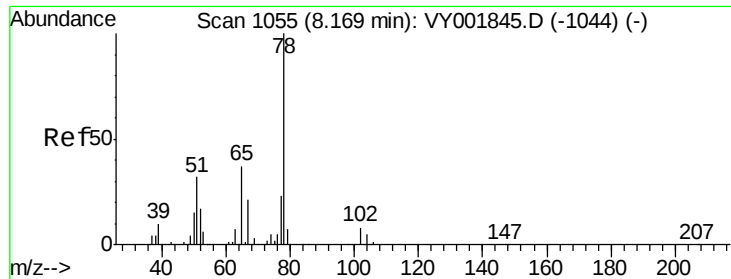
99 64.2 52.0 78.0

61 43.5 35.0 52.4



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

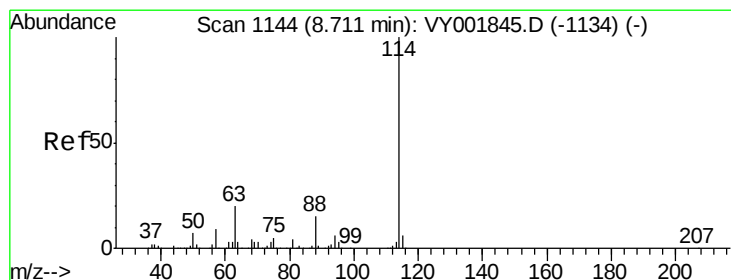
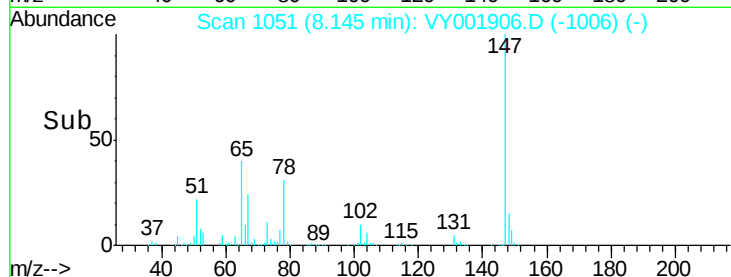
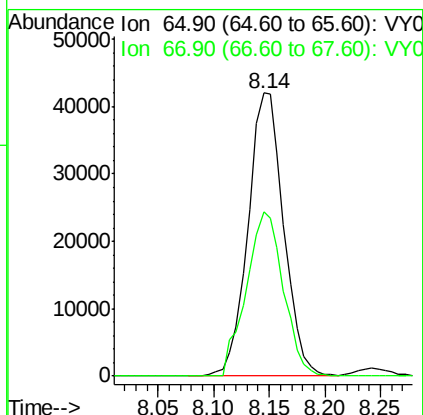
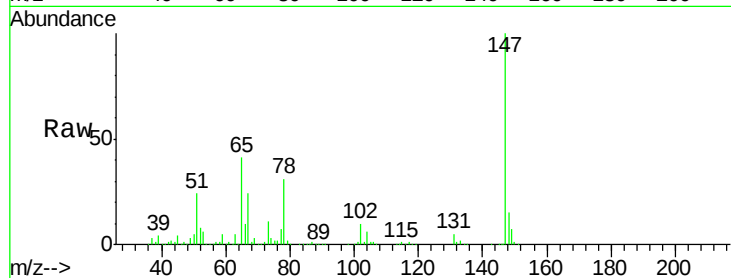




#33
 1,2-Dichloroethane-d4
 Concen: 51.34 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

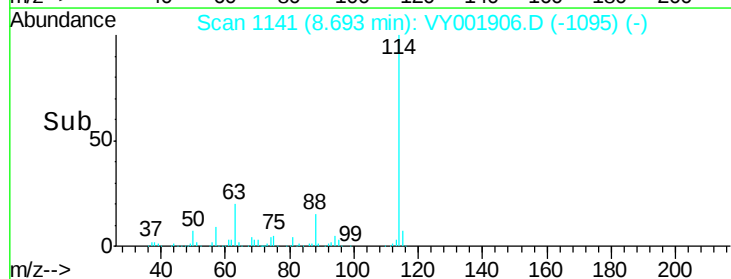
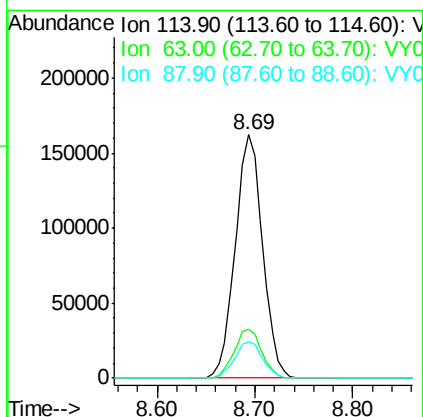
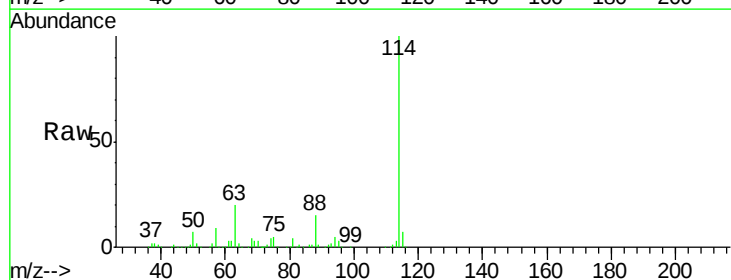
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

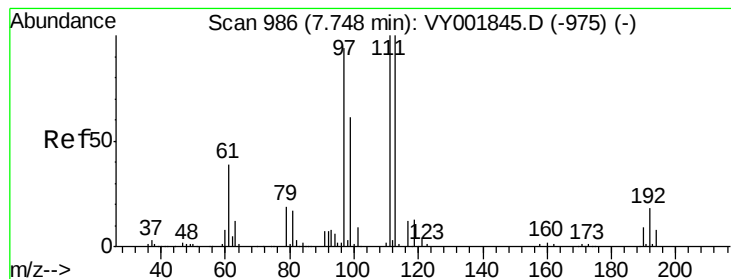
Tgt Ion: 65 Resp: 93713
 Ion Ratio Lower Upper
 65 100
 67 60.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 114 Resp: 314268
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

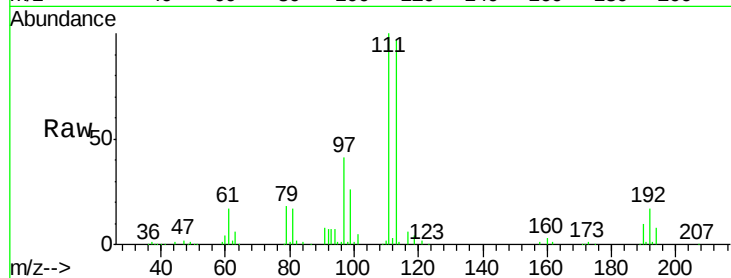
Tgt Ion:113 Resp: 86175

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

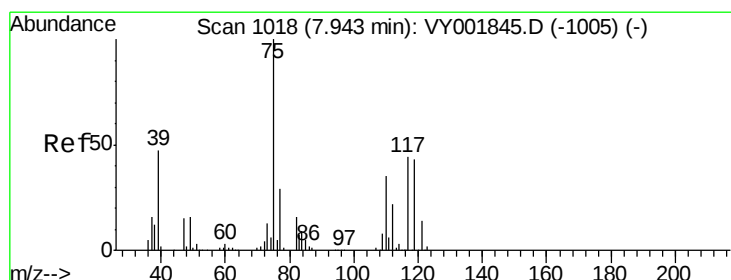
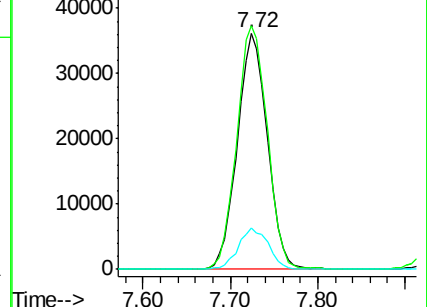
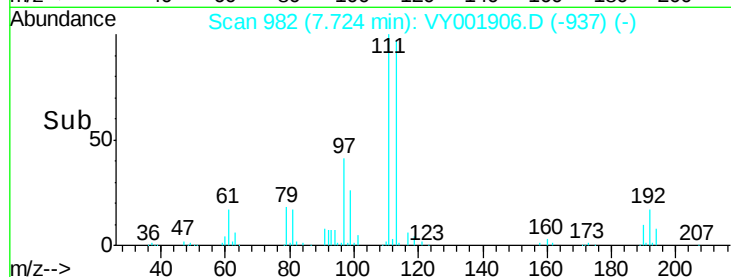
192 17.8 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.58 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

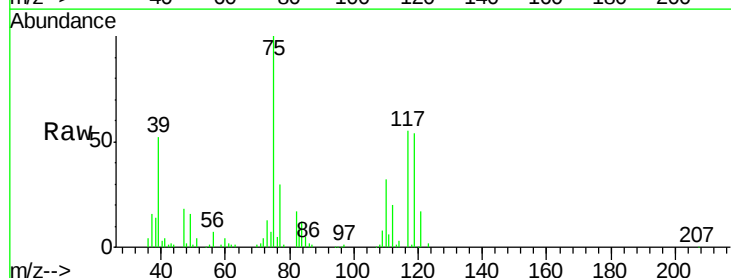
Tgt Ion: 75 Resp: 62230

Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

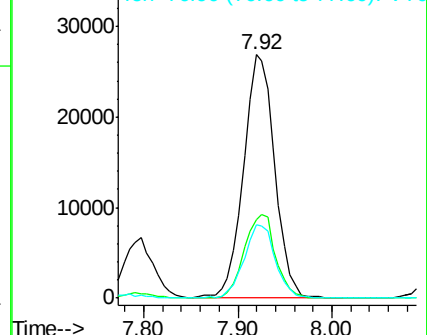
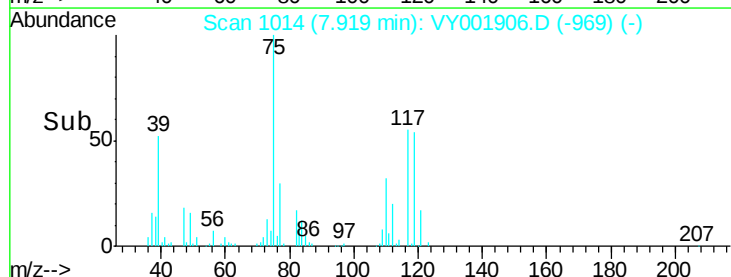
77 30.3 24.2 36.2

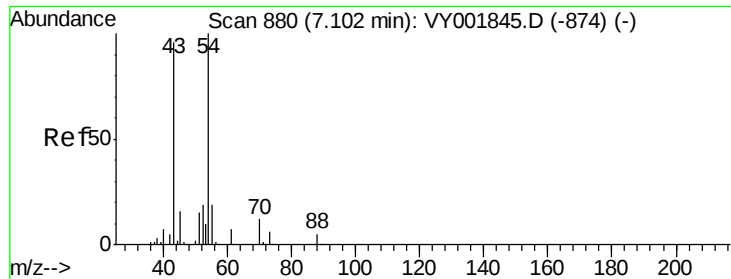


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

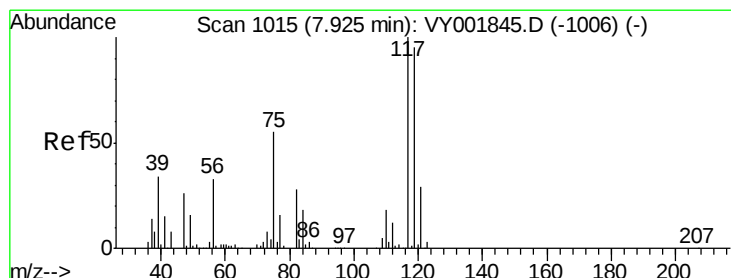
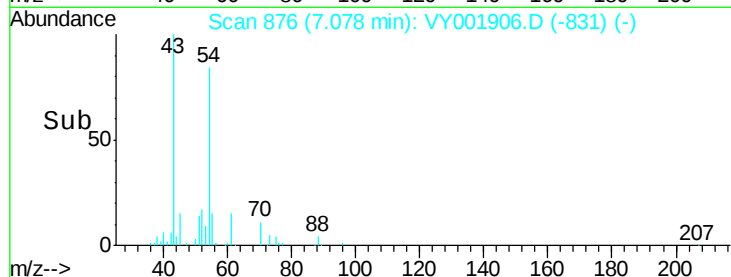
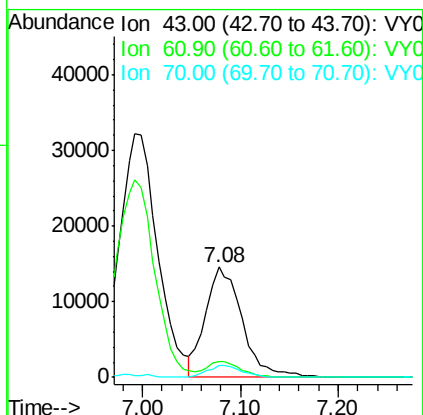
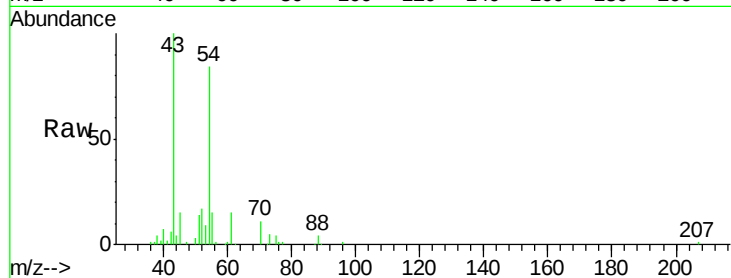




#37
Ethyl Acetate
Concen: 21.55 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

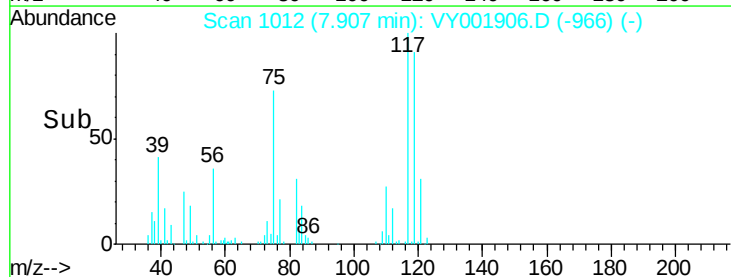
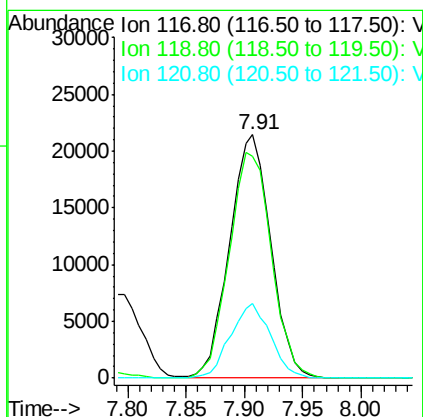
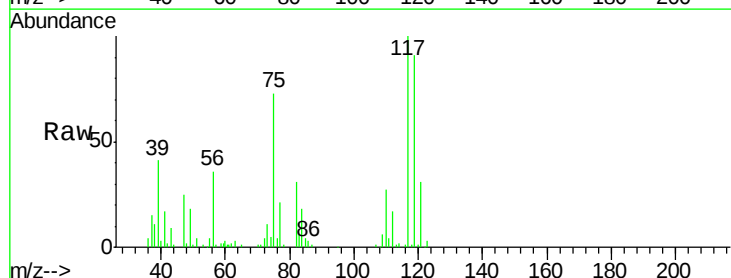
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion: 43 Resp: 37875
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.46 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 117 Resp: 52845
Ion Ratio Lower Upper
117 100
119 91.0 76.3 114.5
121 30.9 23.5 35.3

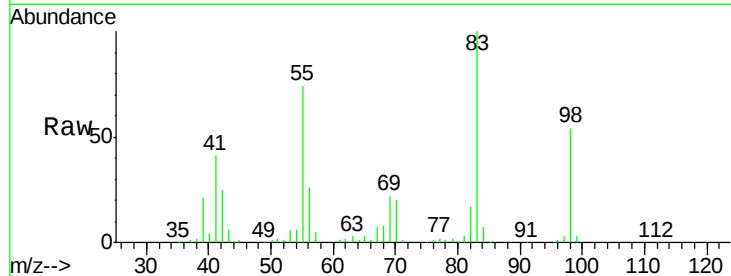




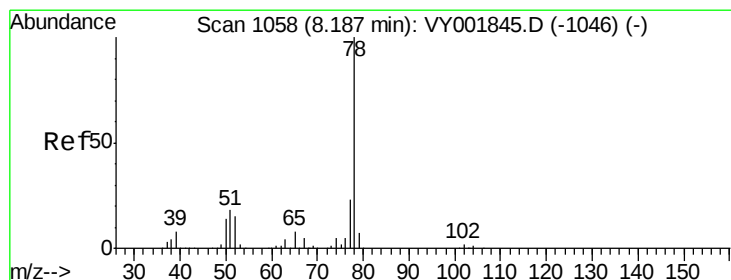
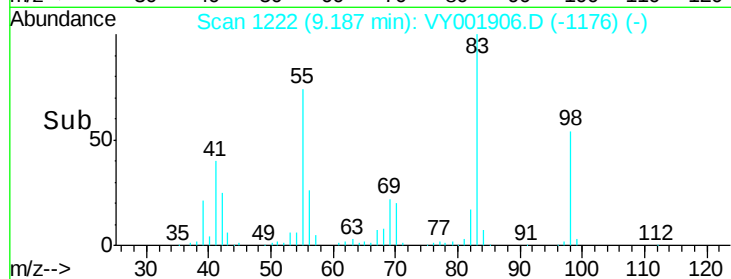
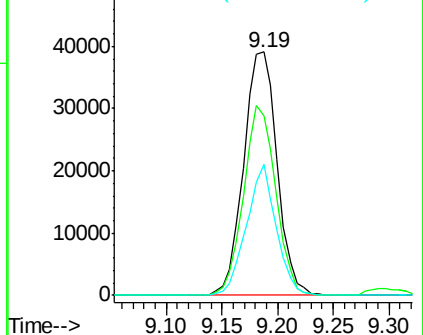
#39
Methylcyclohexane
Concen: 20.44 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion: 83 Resp: 81986
Ion Ratio Lower Upper
83 100
55 73.7 59.4 89.0
98 53.6 38.9 58.3

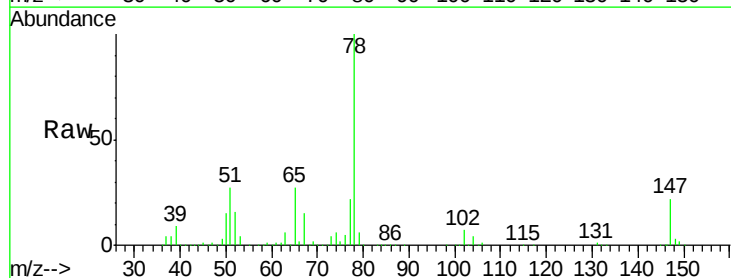


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

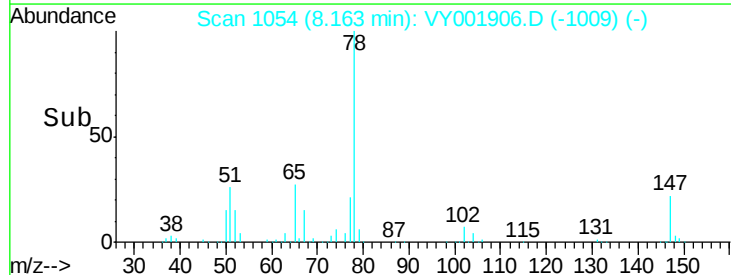
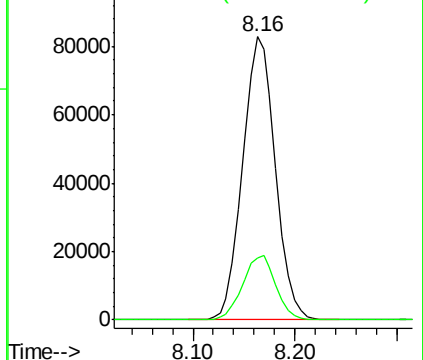


#40
Benzene
Concen: 20.54 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 78 Resp: 184078
Ion Ratio Lower Upper
78 100
77 22.1 18.7 28.1



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

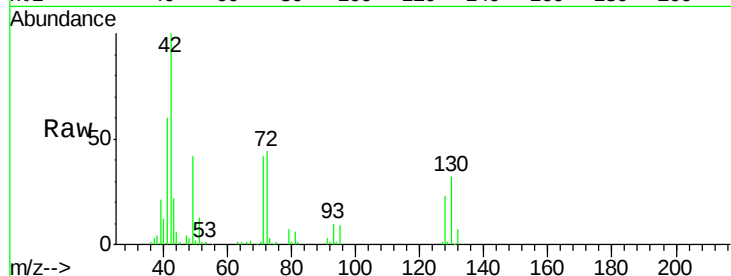




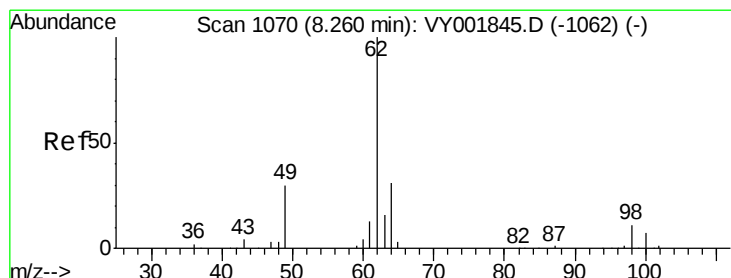
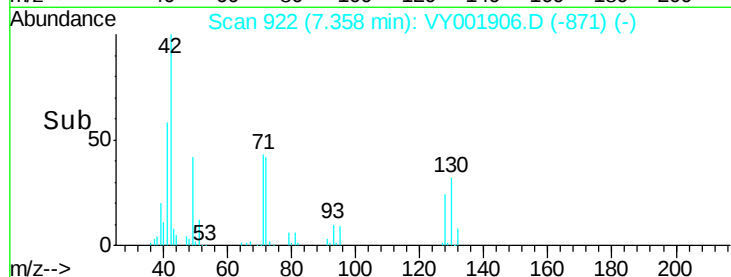
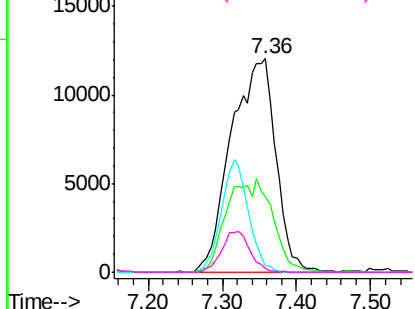
#41
Methacrylonitrile
Concen: 63.89 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion: 41 Resp: 50538
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

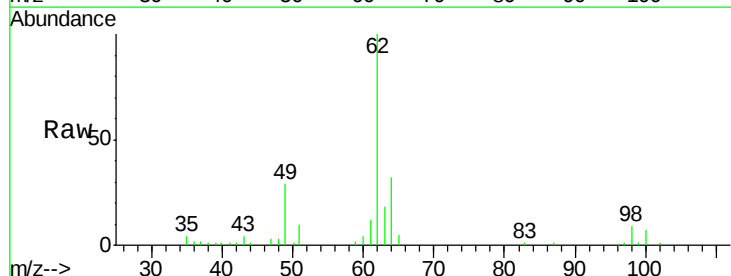


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

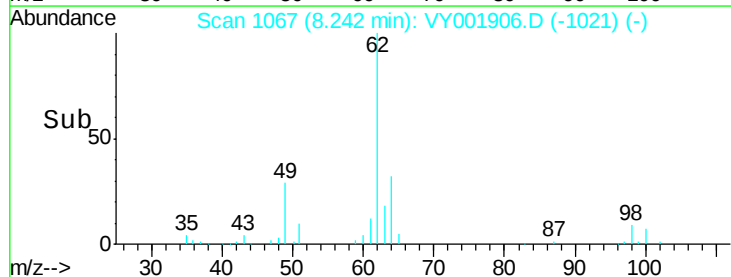
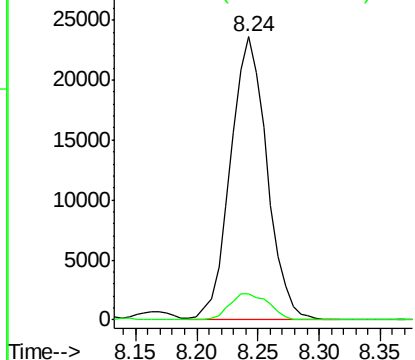


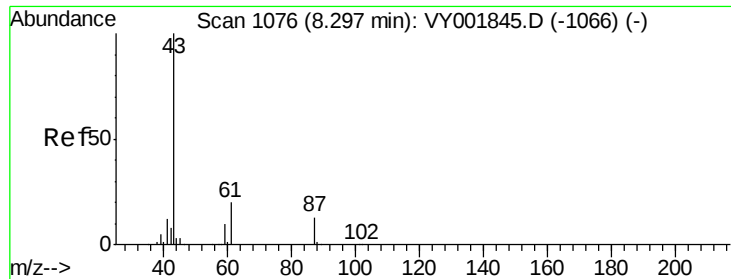
#42
1,2-Dichloroethane
Concen: 21.11 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 62 Resp: 48769
Ion Ratio Lower Upper
62 100
98 10.1 0.0 21.4



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

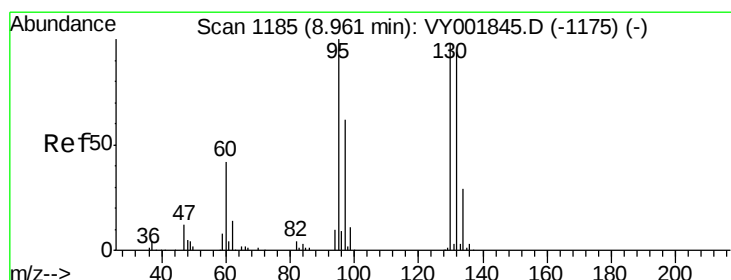
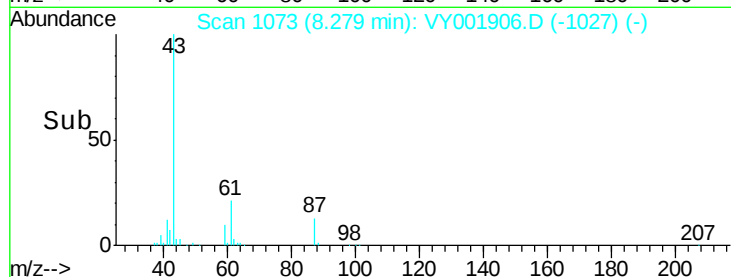
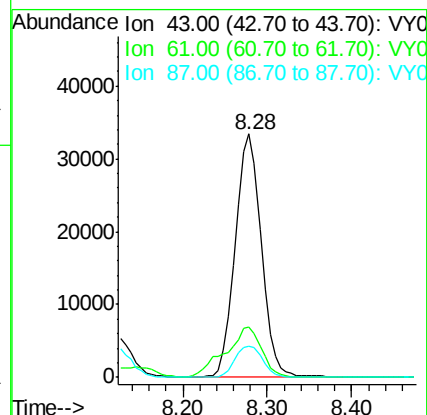
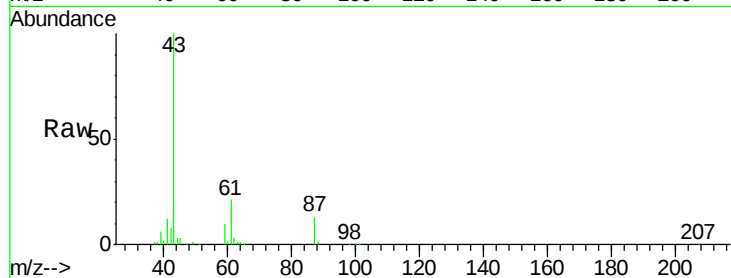




#43
Isopropyl Acetate
Concen: 21.07 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

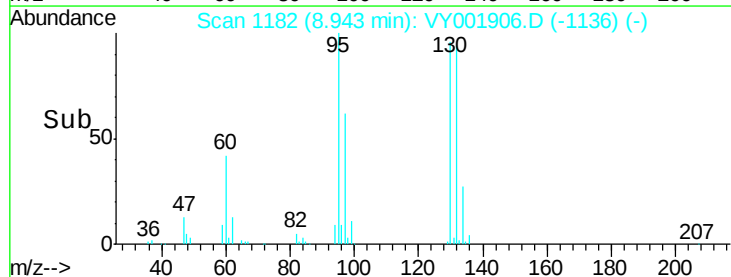
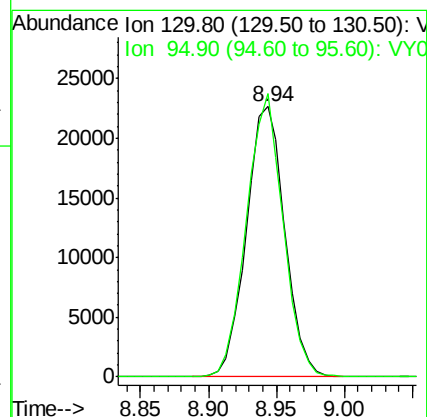
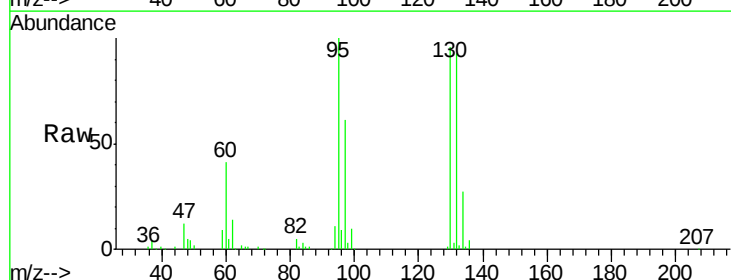
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

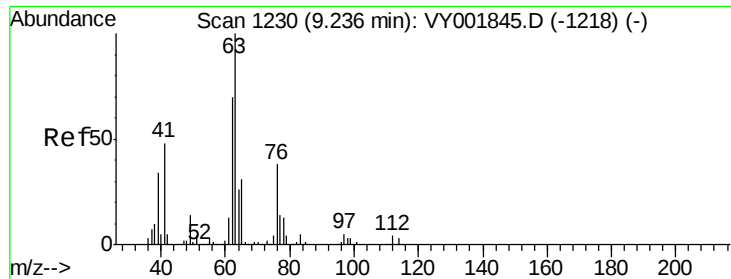
Tgt Ion: 43 Resp: 70112
Ion Ratio Lower Upper
43 100
61 28.9 23.8 35.6
87 13.7 10.9 16.3



#44
Trichloroethene
Concen: 20.54 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 130 Resp: 44841
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6

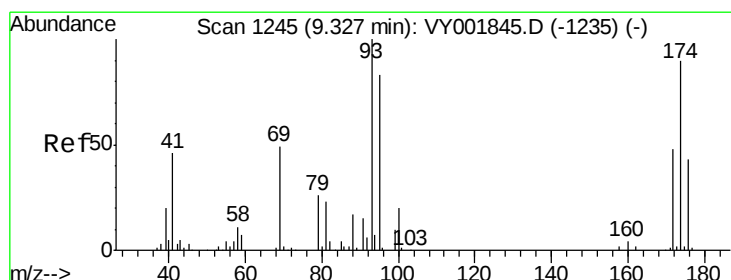
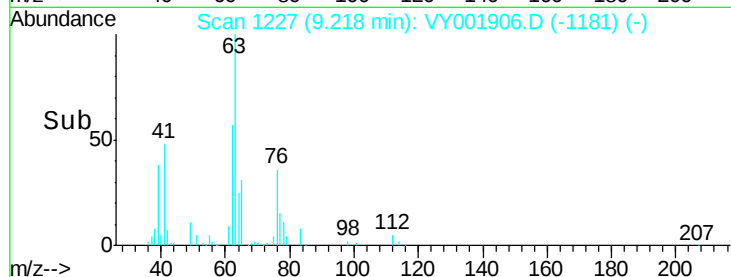
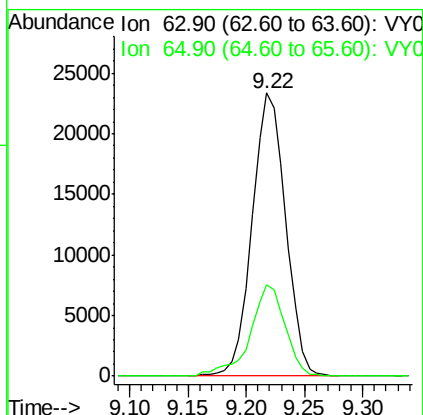
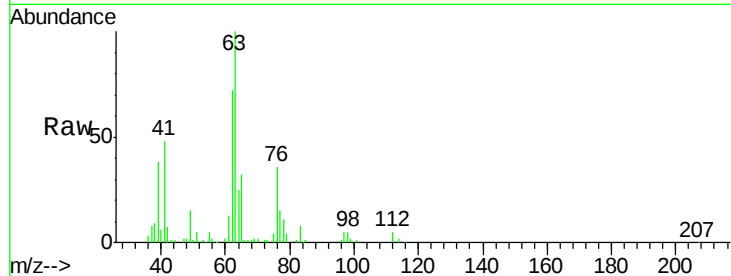




#45
 1,2-Dichloropropane
 Concen: 20.70 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

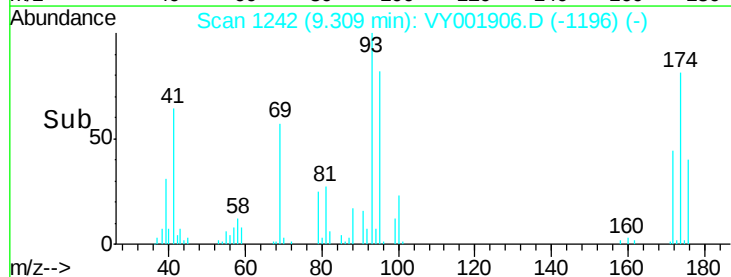
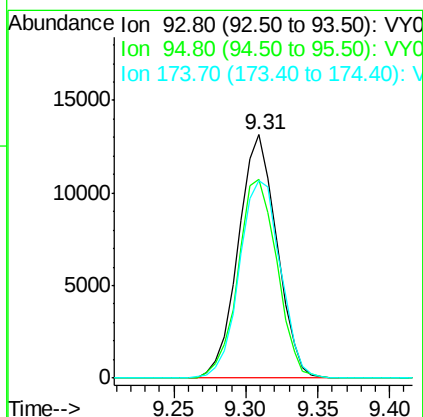
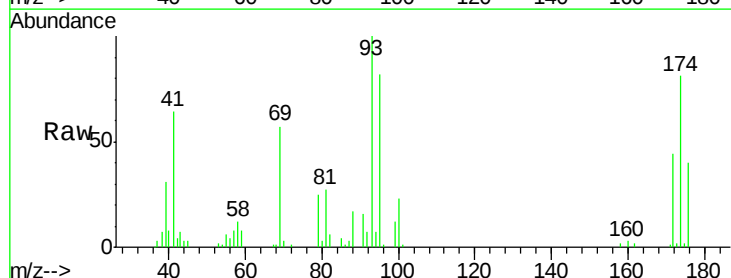
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

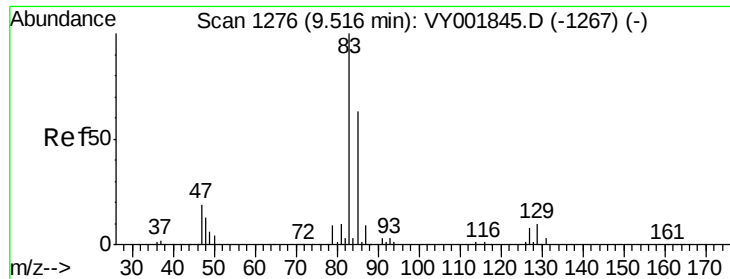
Tgt Ion: 63 Resp: 46647
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.9 37.3



#46
 Dibromomethane
 Concen: 21.06 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 93 Resp: 24451
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.4
 174 85.8 71.8 107.8

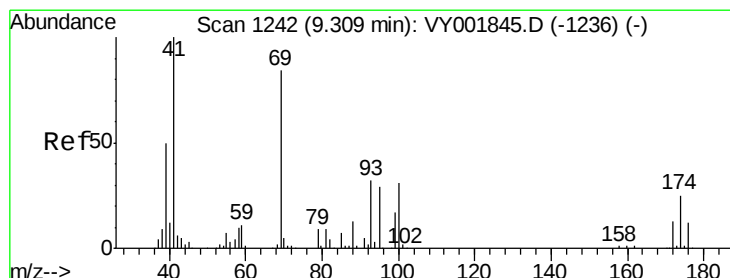
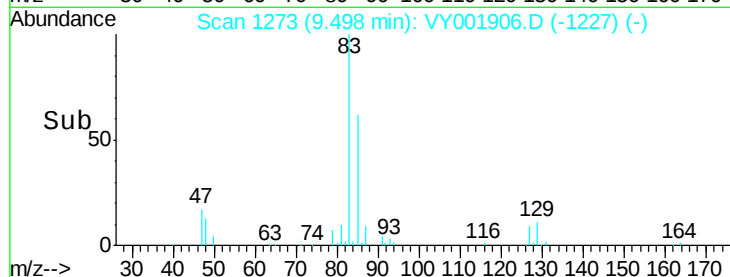
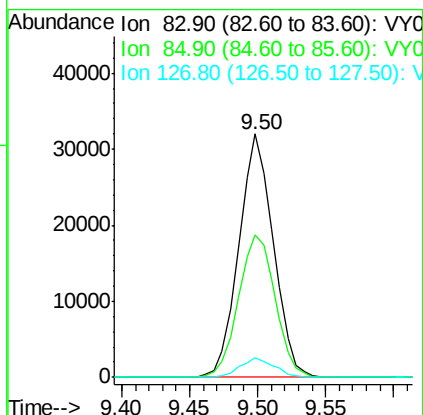
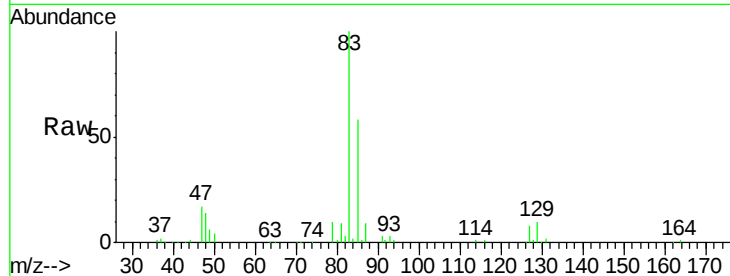




#47
 Bromodichloromethane
 Concen: 20.95 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

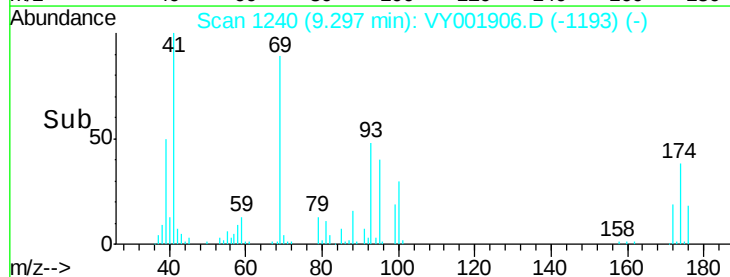
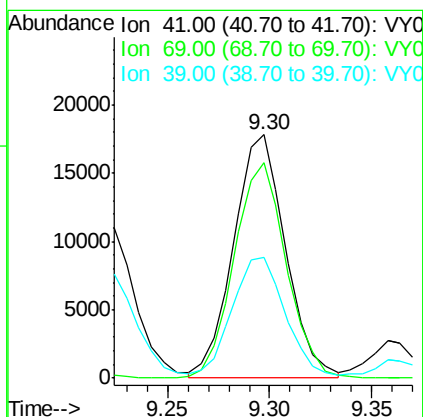
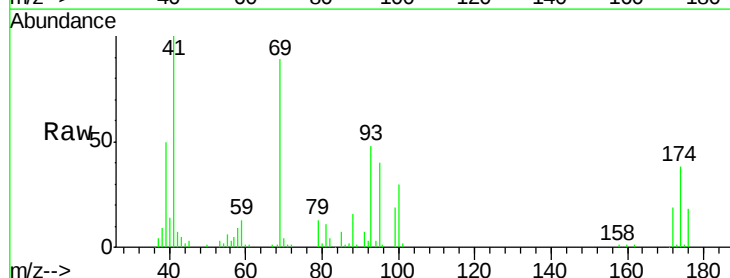
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

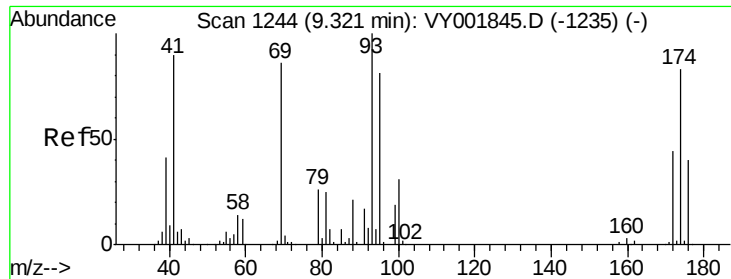
Tgt Ion: 83 Resp: 56589
 Ion Ratio Lower Upper
 83 100
 85 58.5 50.6 76.0
 127 8.3 6.2 9.4



#48
 Methyl methacrylate
 Concen: 21.41 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 41 Resp: 31615
 Ion Ratio Lower Upper
 41 100
 69 88.4 69.0 103.6
 39 51.2 39.1 58.7

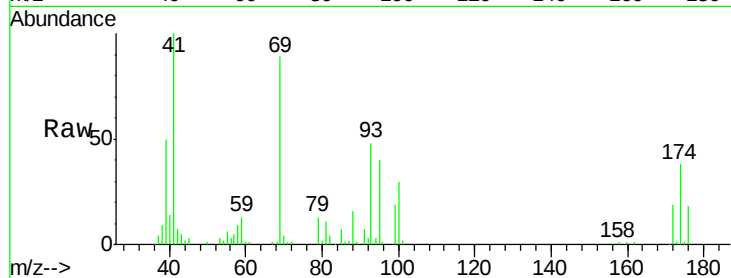




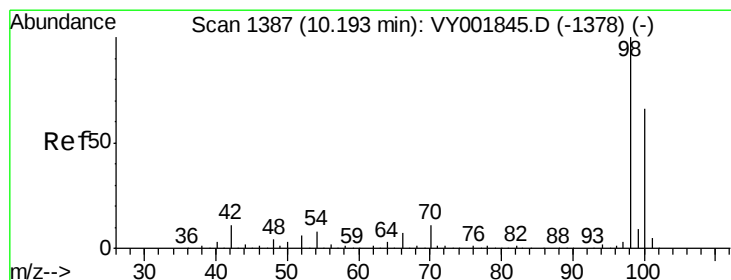
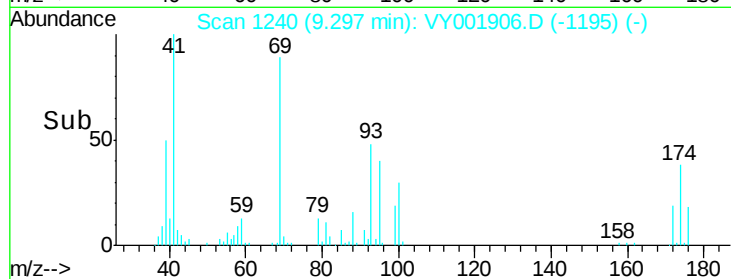
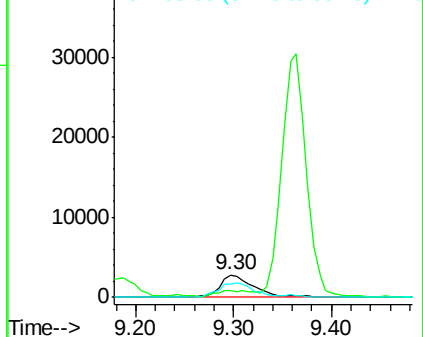
#49
 1,4-Dioxane
 Concen: 422.72 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tgt Ion: 88 Resp: 6726
 Ion Ratio Lower Upper
 88 100
 43 30.6 25.0 37.6
 58 67.0 58.9 88.3

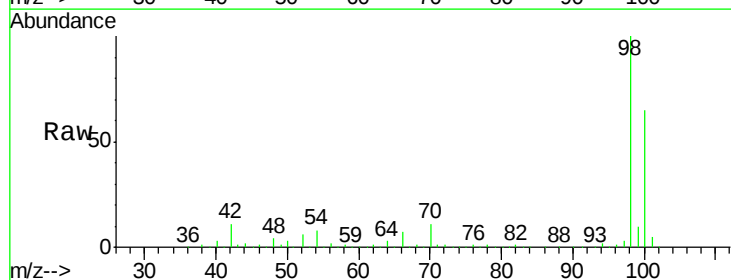


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

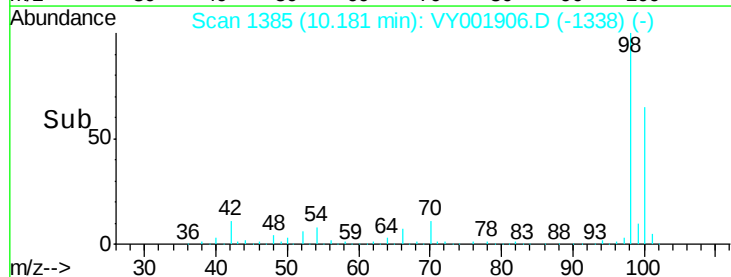
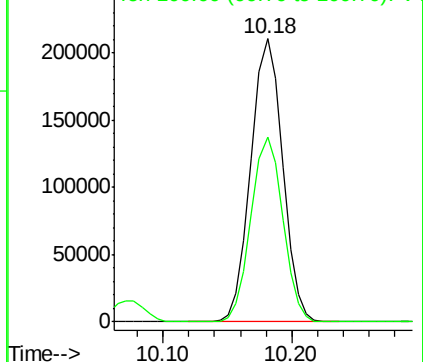


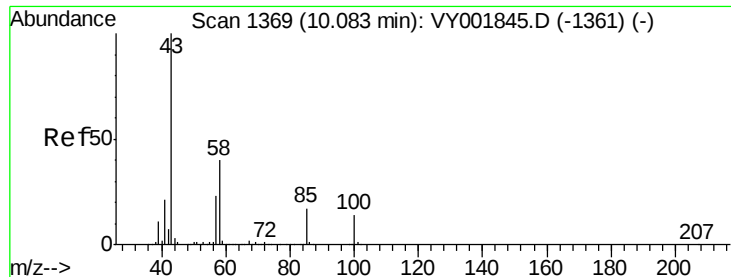
#50
 Toluene-d8
 Concen: 49.71 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 98 Resp: 359741
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4



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

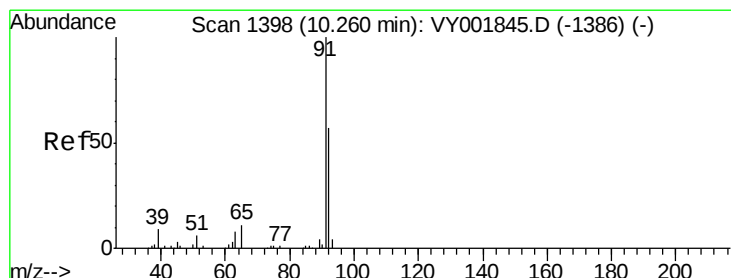
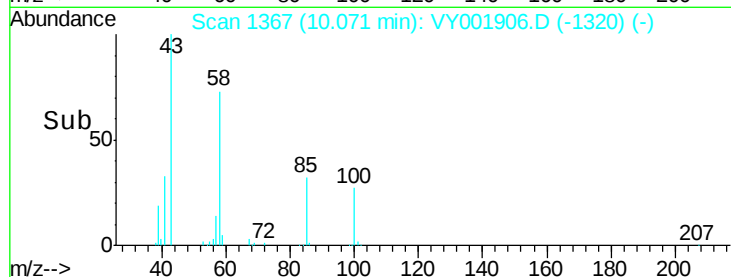
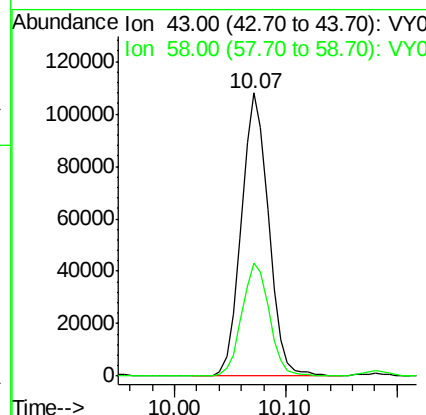
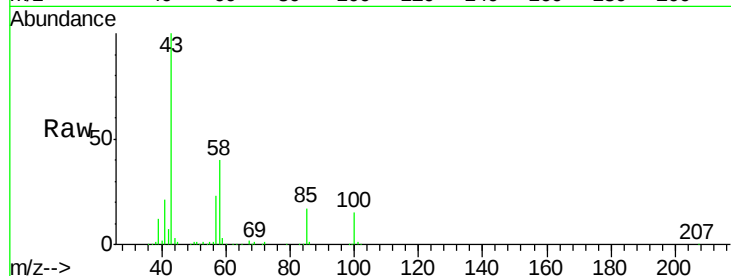




#51
 4-Methyl-2-Pentanone
 Concen: 106.38 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

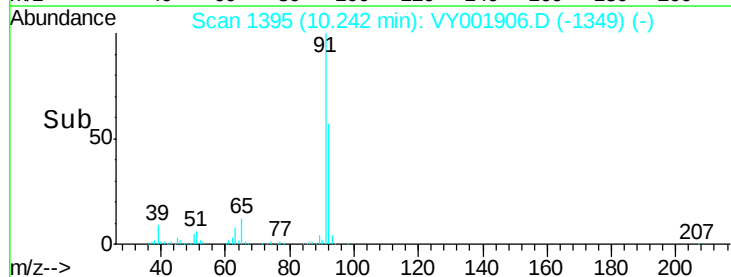
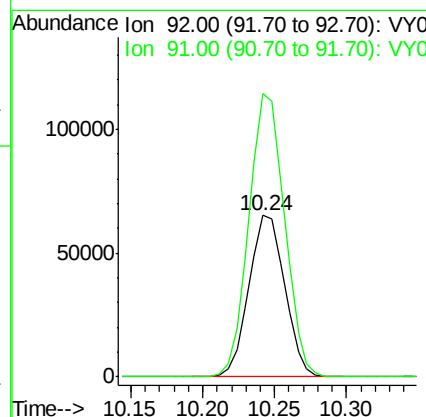
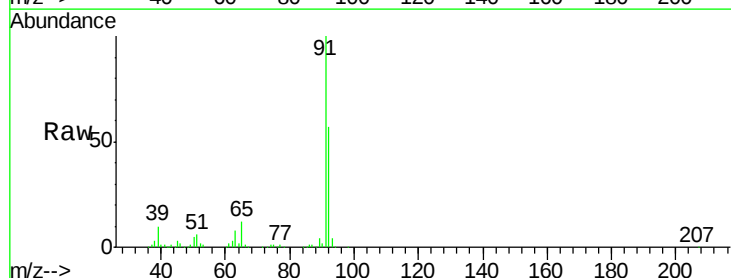
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

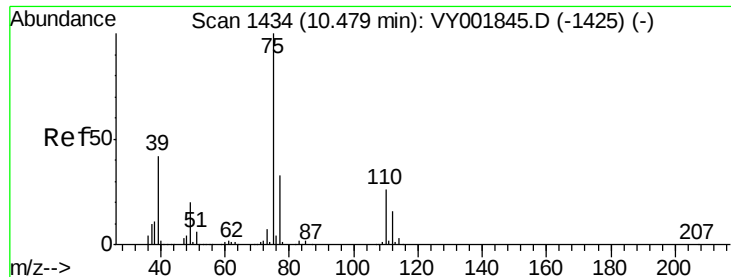
Tgt Ion: 43 Resp: 182344
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.0 48.0



#52
 Toluene
 Concen: 20.65 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 92 Resp: 112441
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.89 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

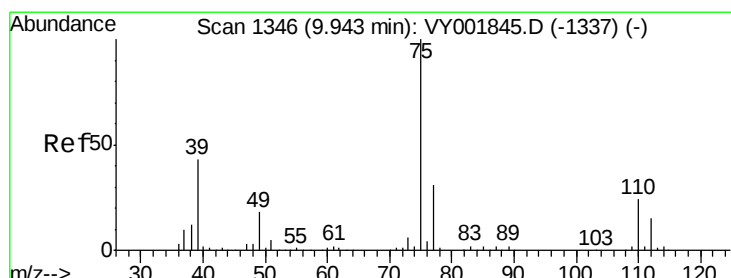
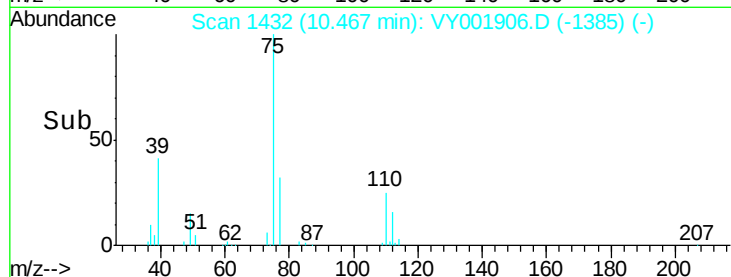
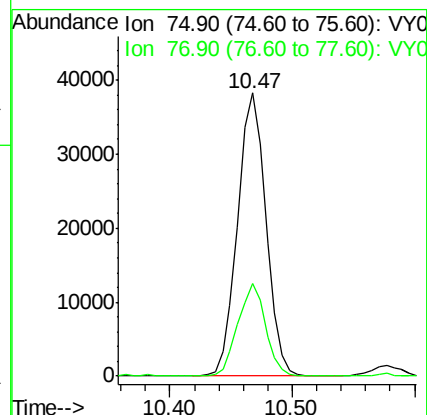
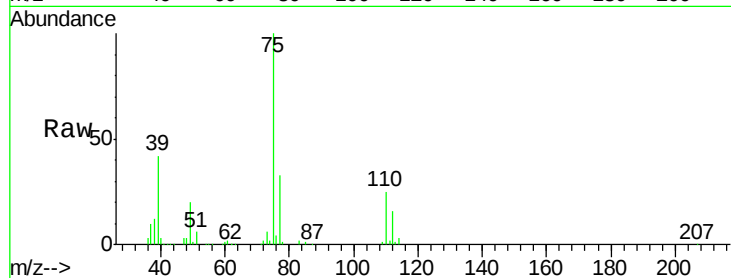
VY0309SBS01

Tgt Ion: 75 Resp: 61470

Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.73 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

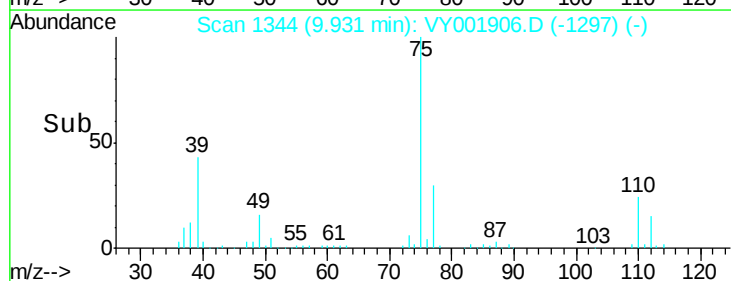
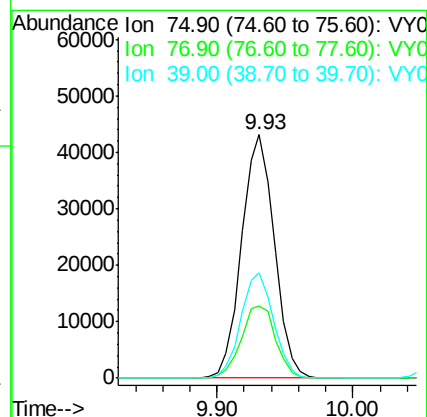
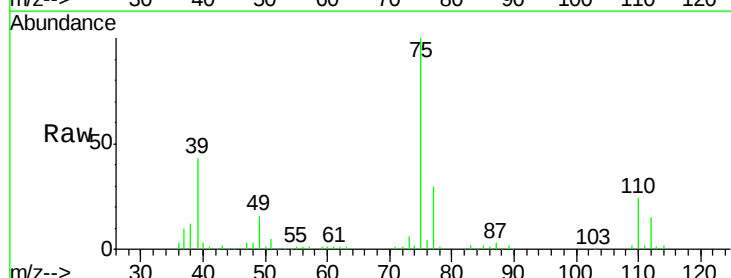
Tgt Ion: 75 Resp: 72623

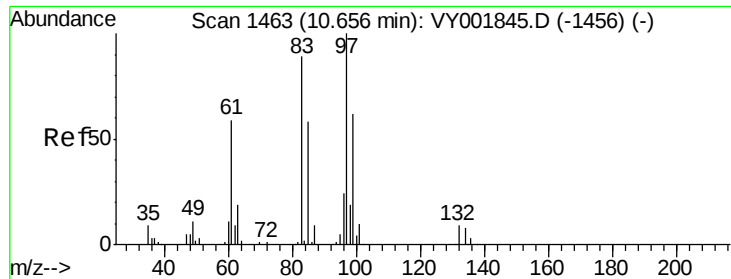
Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7

39 43.1 34.7 52.1

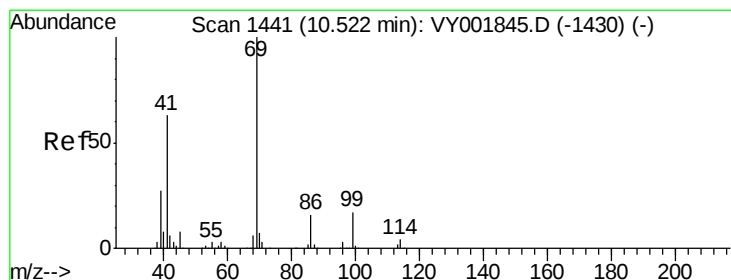
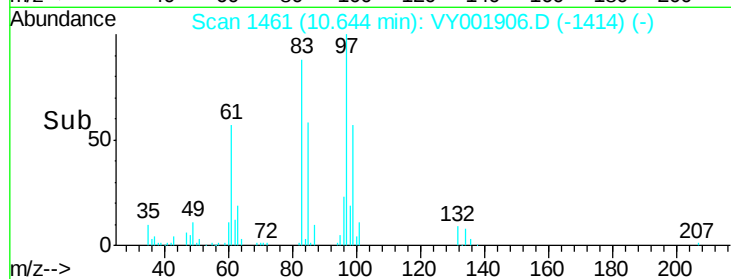
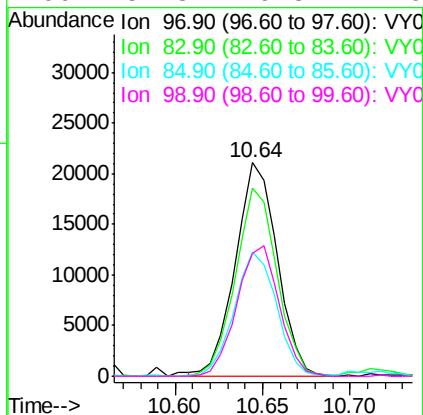
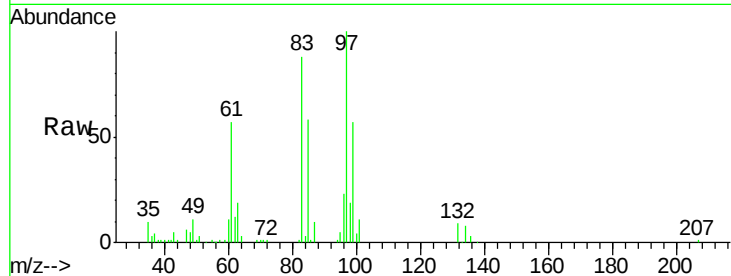




#55
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

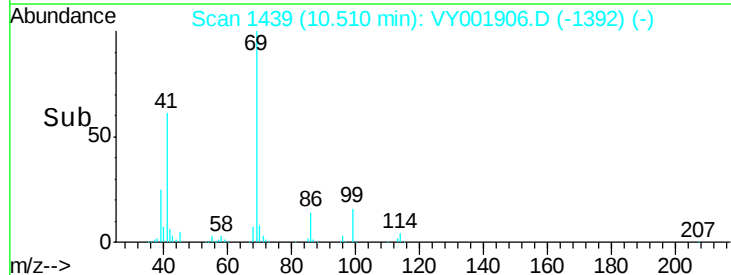
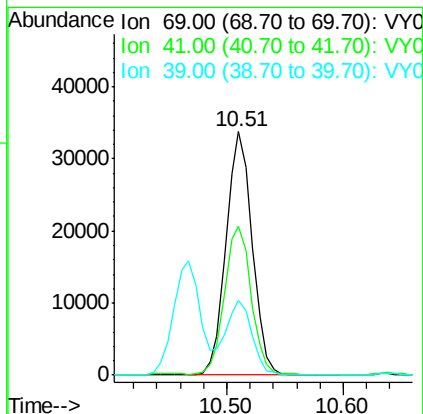
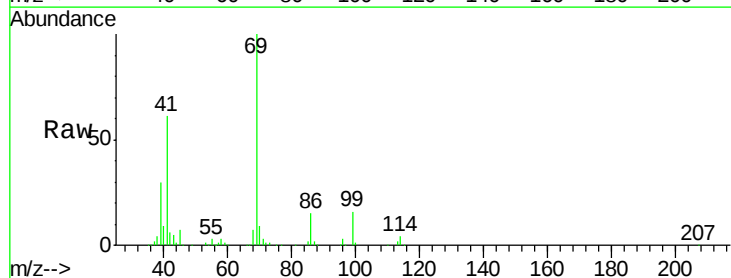
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tgt Ion: 97 Resp: 35104
 Ion Ratio Lower Upper
 97 100
 83 88.1 71.6 107.4
 85 57.8 46.6 69.8
 99 57.3 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 21.08 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 69 Resp: 52510
 Ion Ratio Lower Upper
 69 100
 41 63.0 49.9 74.9
 39 31.6 23.0 34.6

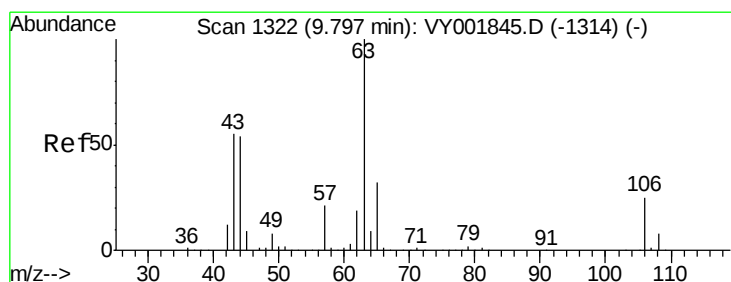
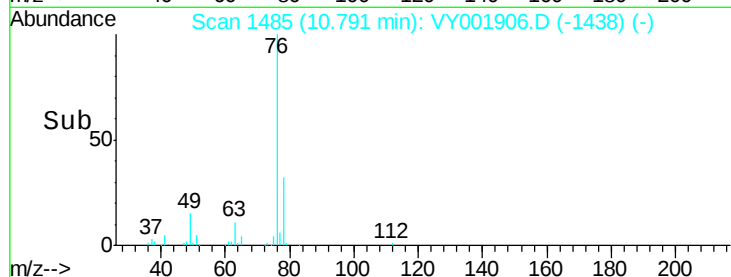
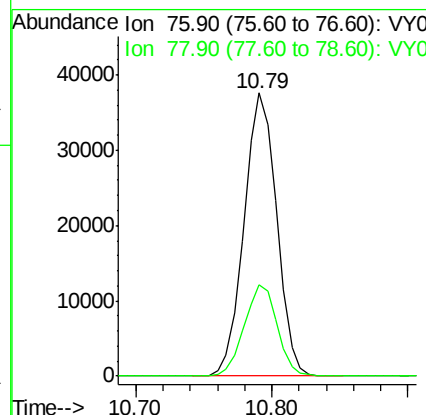
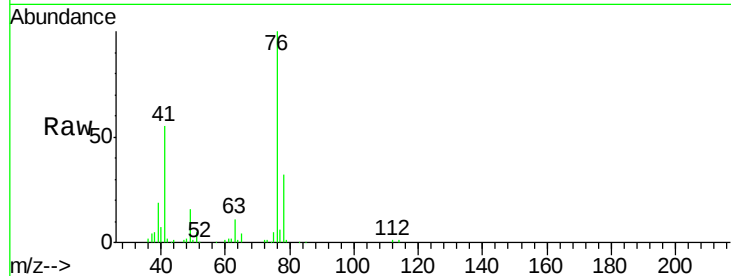




#57
 1,3-Dichloropropane
 Concen: 20.83 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

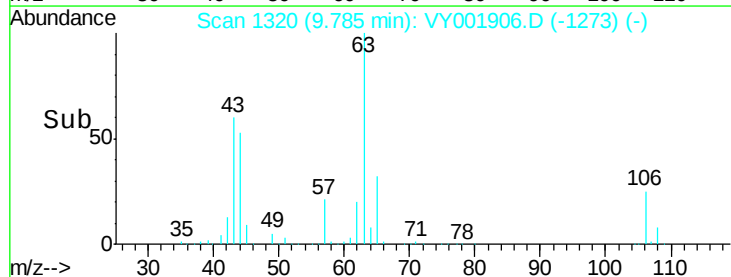
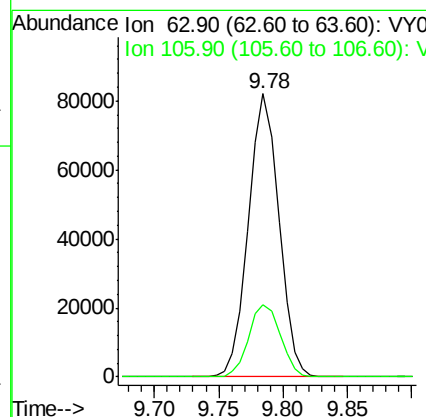
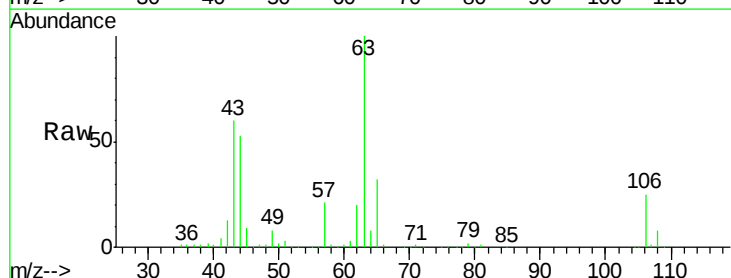
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

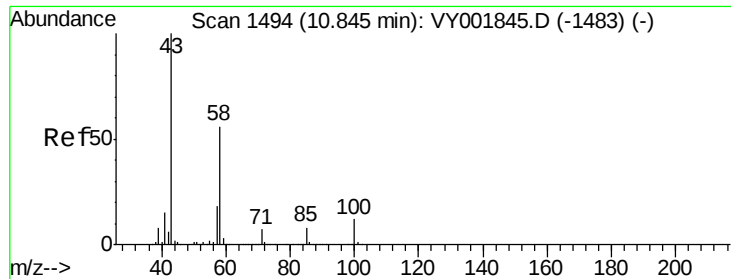
Tgt Ion: 76 Resp: 63104
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 139.95 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 63 Resp: 134185
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

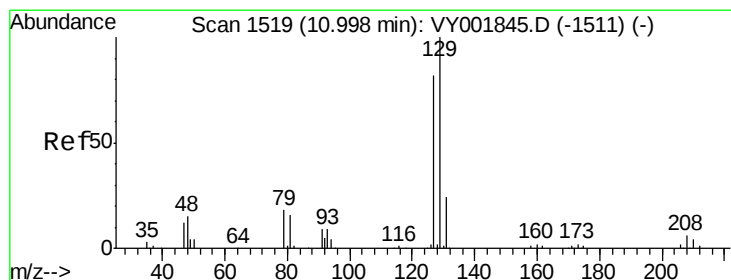
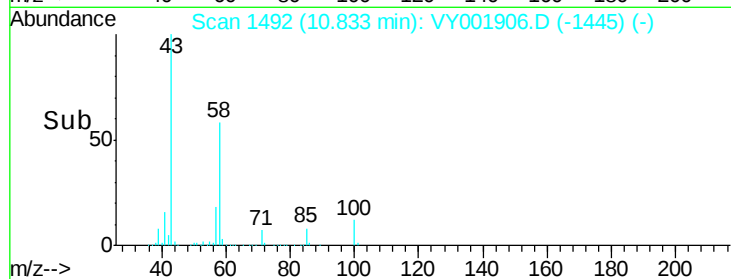
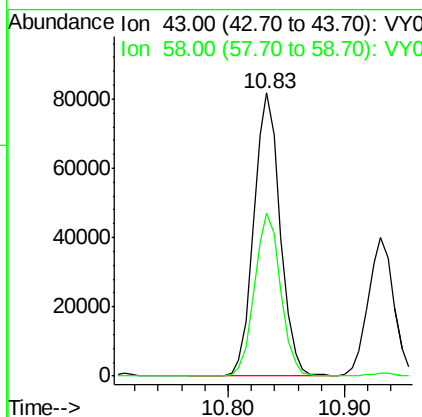
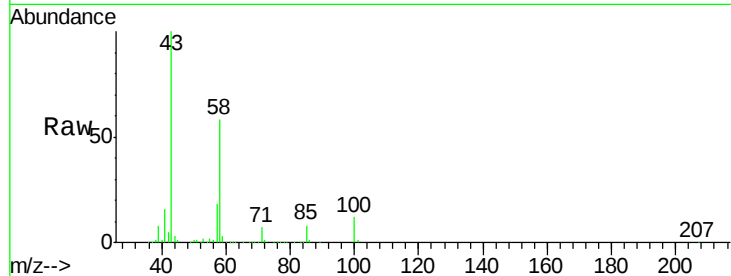




#59
2-Hexanone
Concen: 105.12 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

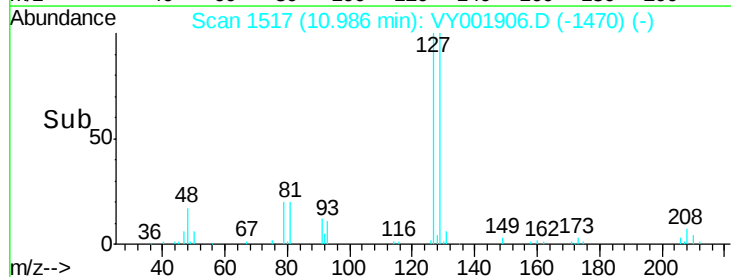
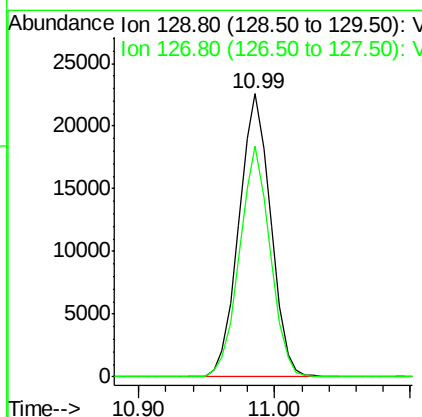
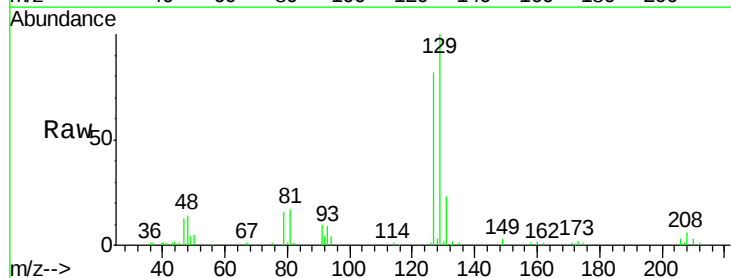
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion: 43 Resp: 128609
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 20.58 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 129 Resp: 36850
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0

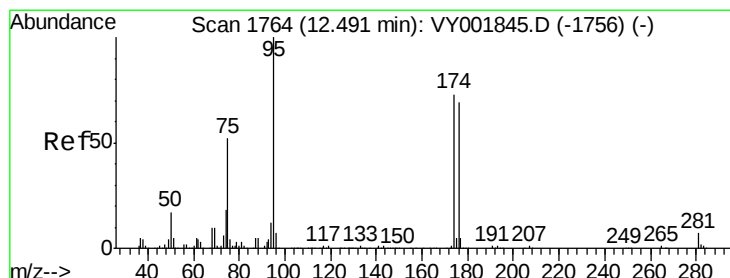
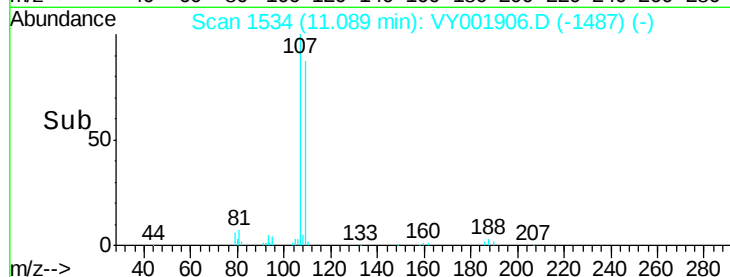
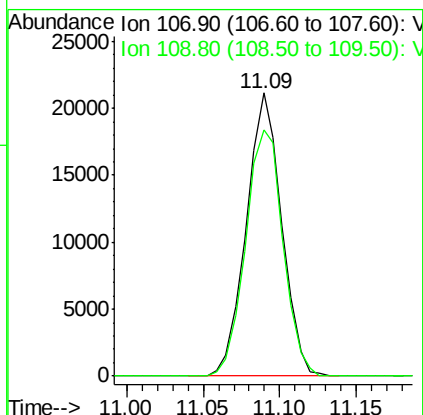
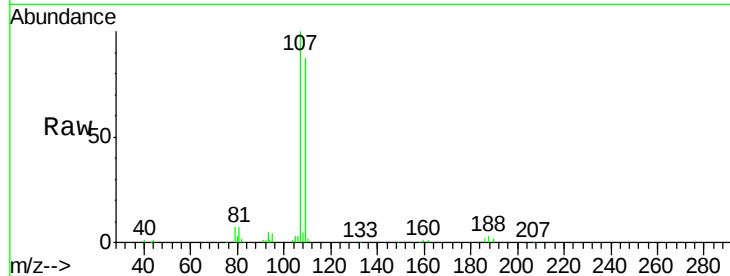




#61
 1,2-Dibromoethane
 Concen: 21.05 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

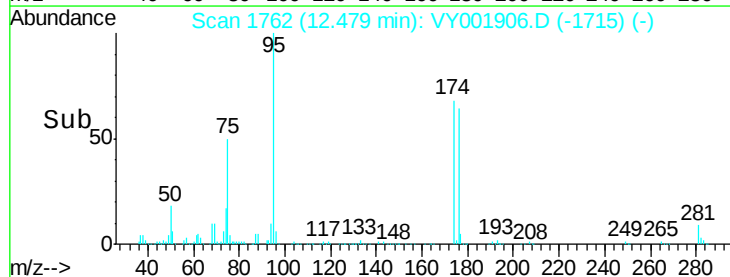
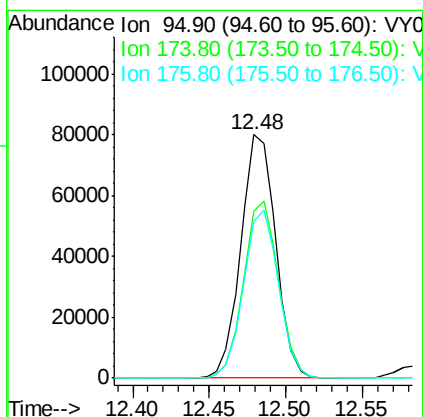
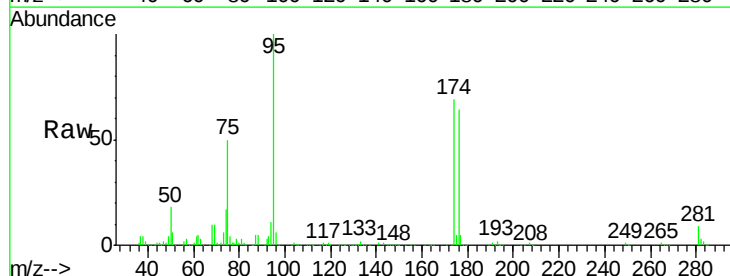
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

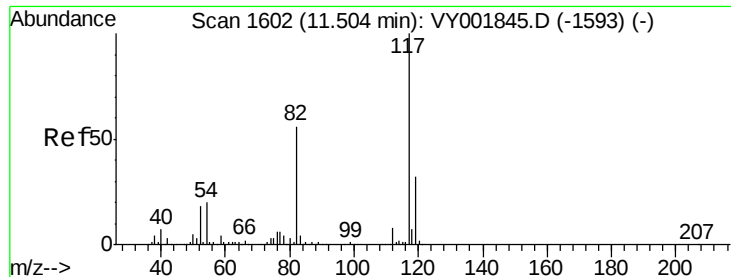
Tgt Ion: 107 Resp: 33886
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.27 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 95 Resp: 126478
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.0
 176 69.6 0.0 137.4

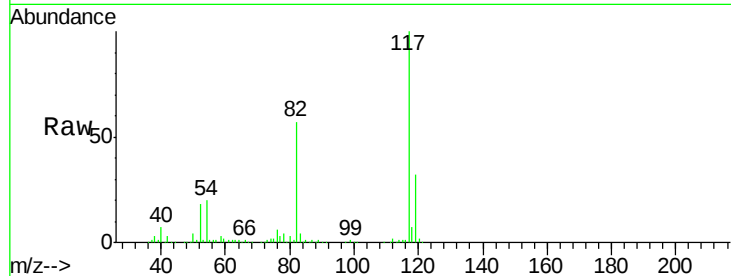




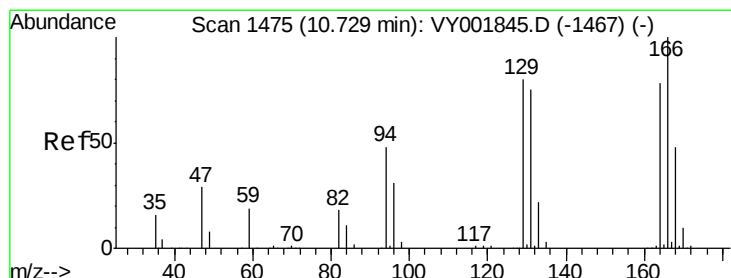
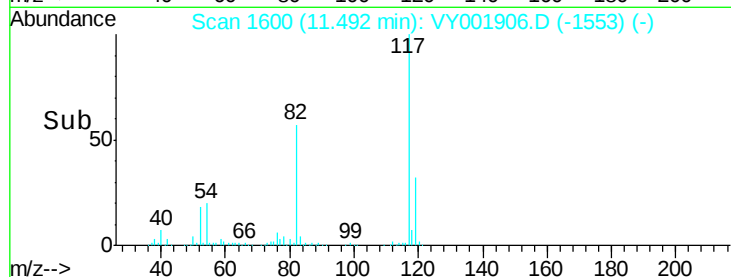
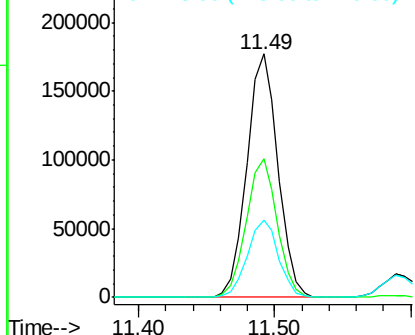
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion:117 Resp: 282999
Ion Ratio Lower Upper
117 100
82 57.1 44.5 66.7
119 31.6 25.7 38.5

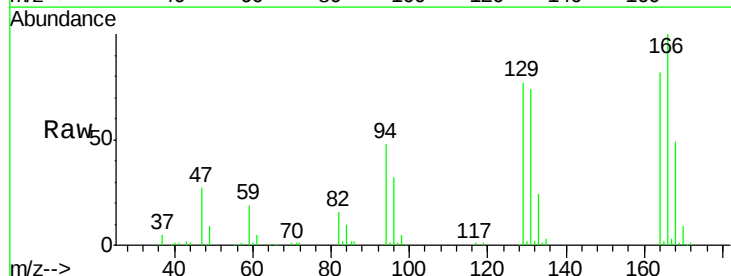


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

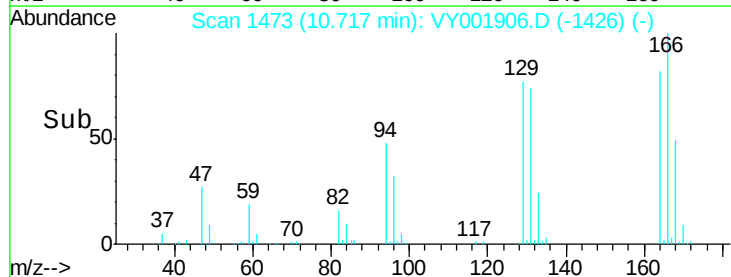
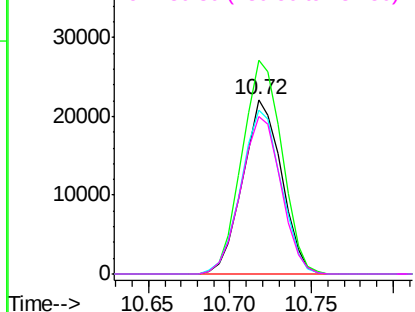


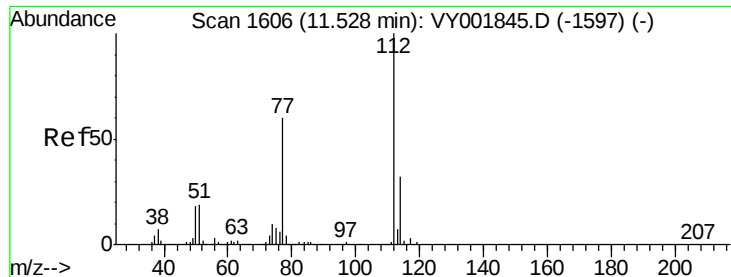
#64
Tetrachloroethene
Concen: 20.73 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion:164 Resp: 36782
Ion Ratio Lower Upper
164 100
166 122.6 102.6 154.0
129 94.0 82.3 123.5
131 90.2 77.4 116.0



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

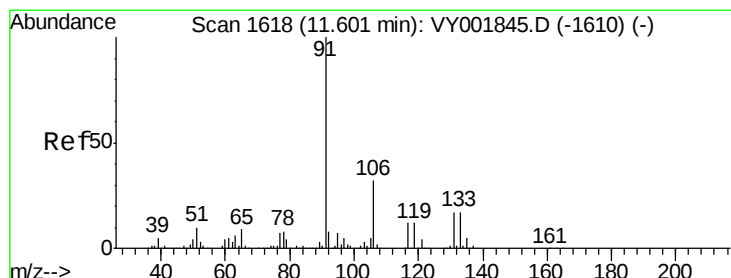
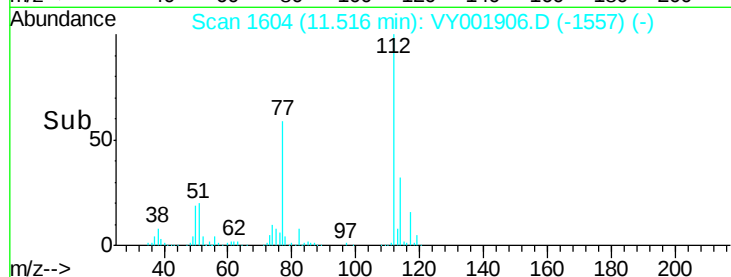
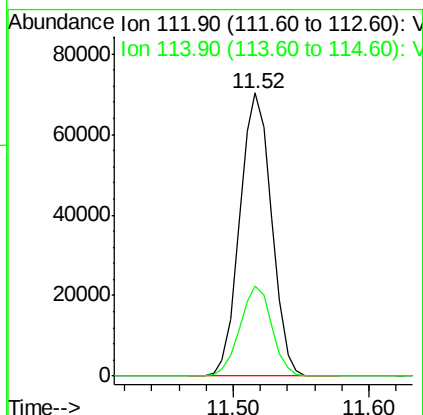
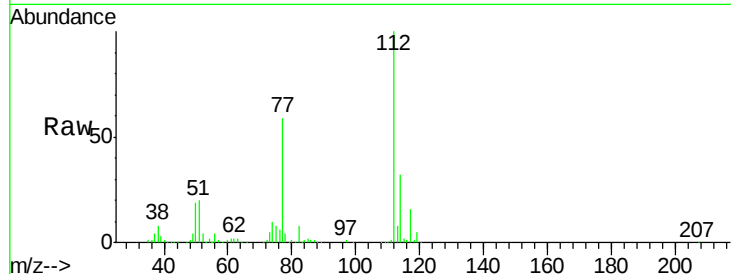




#65
Chlorobenzene
Concen: 20.33 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

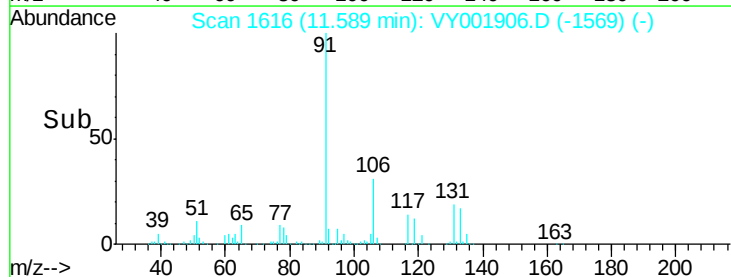
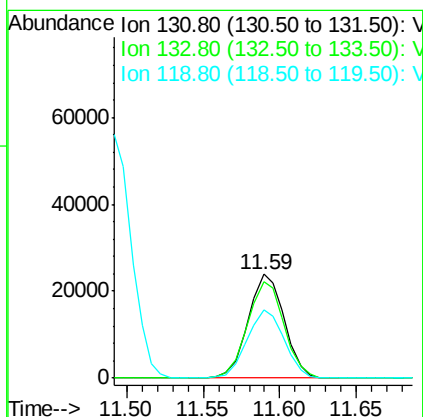
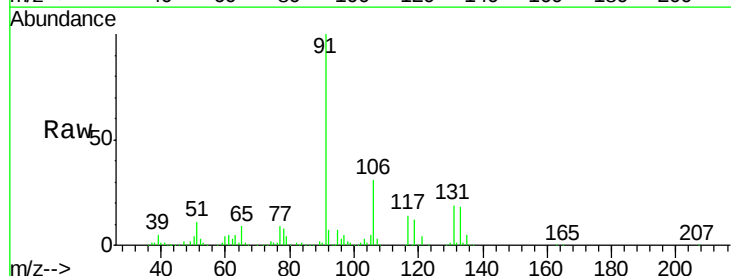
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

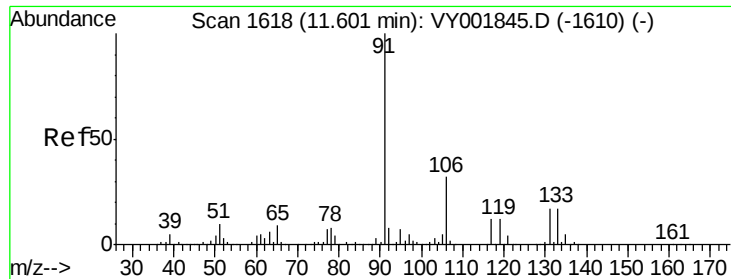
Tgt Ion:112 Resp: 114651
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.24 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion:131 Resp: 39269
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 66.9 34.5 103.6

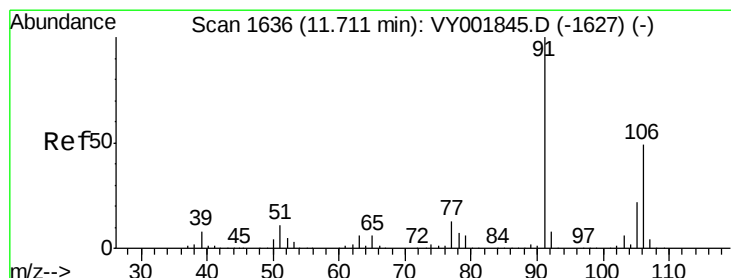
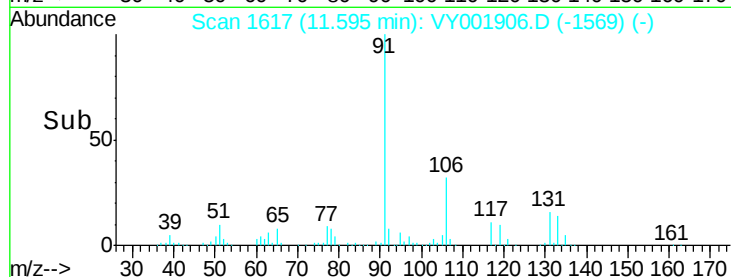
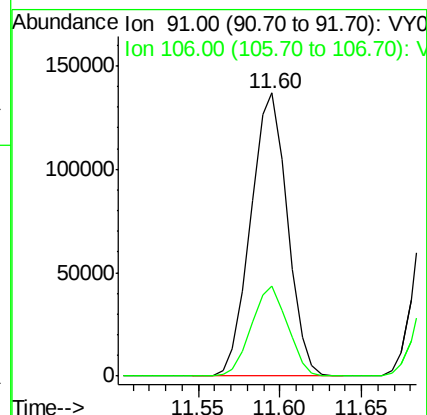
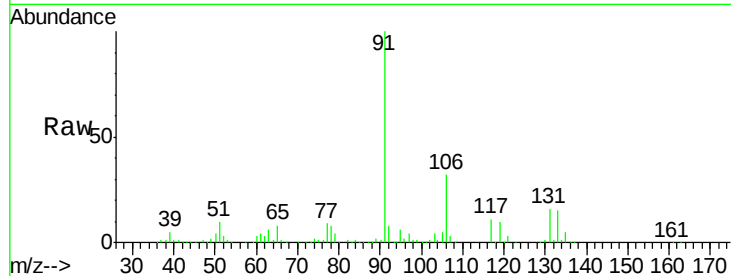




#67
Ethyl Benzene
Concen: 20.41 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

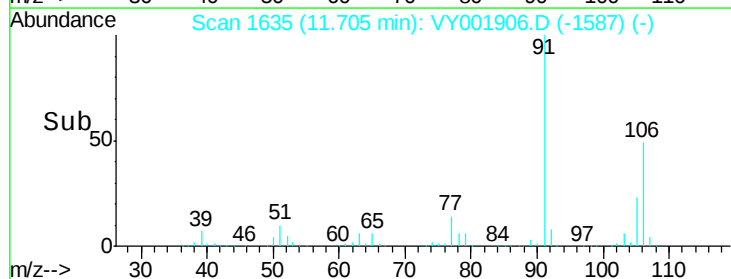
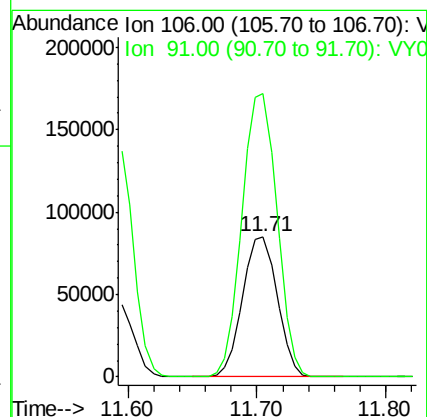
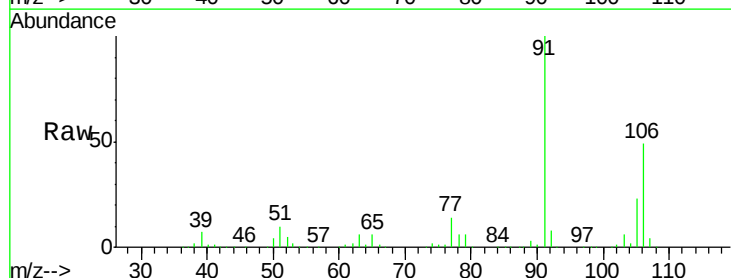
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

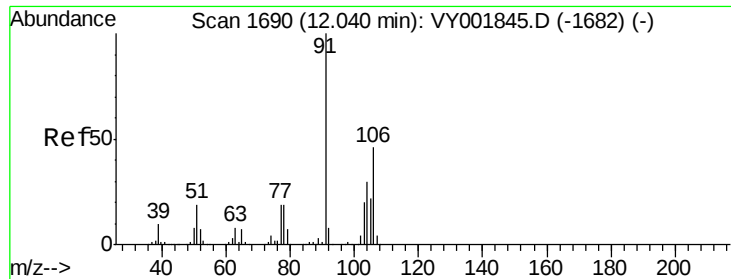
Tgt Ion: 91 Resp: 214668
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 40.95 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 106 Resp: 159212
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9

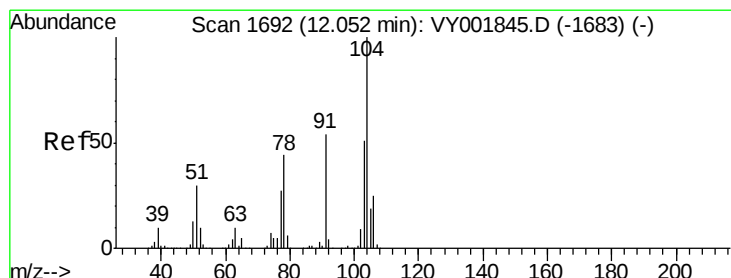
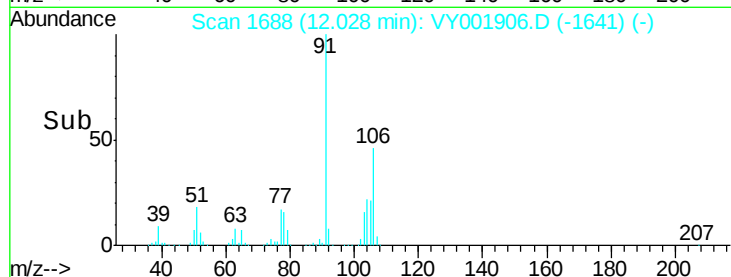
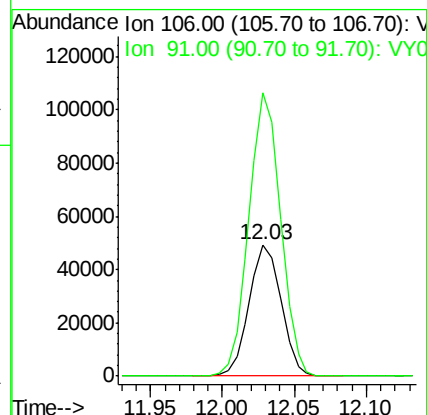
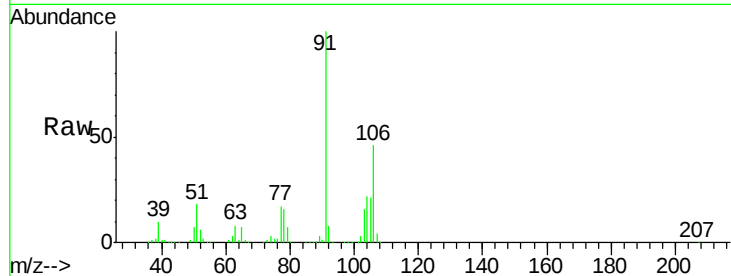




#69
o-Xylene
Concen: 20.69 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

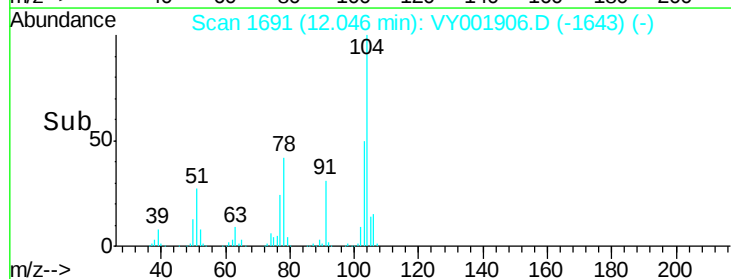
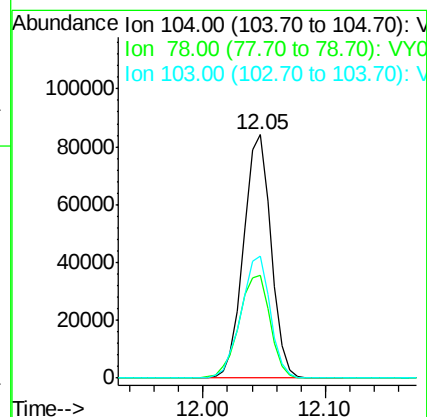
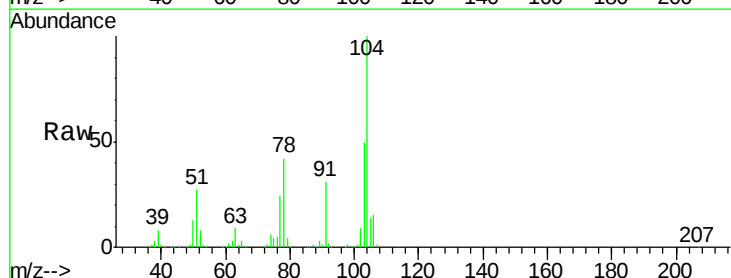
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tgt Ion:106 Resp: 75835
Ion Ratio Lower Upper
106 100
91 214.4 106.8 320.4



#70
Styrene
Concen: 20.91 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion:104 Resp: 131209
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.2 42.9 64.3





#71

Bromoform

Concen: 20.96 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

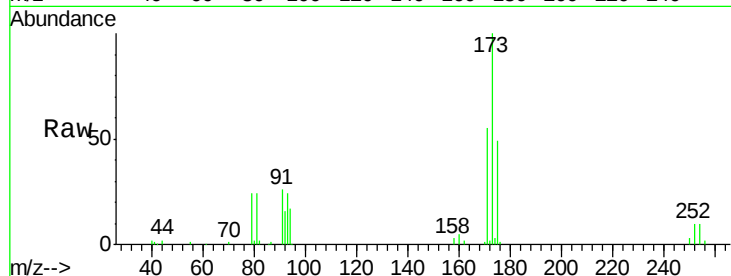
Tgt Ion:173 Resp: 21018

Ion Ratio Lower Upper

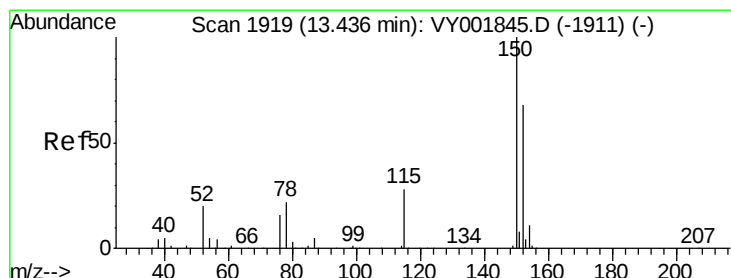
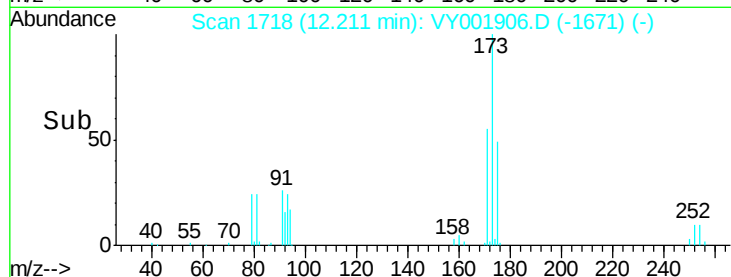
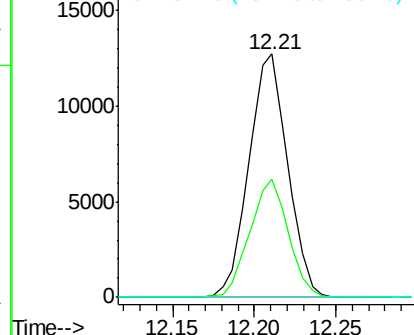
173 100

175 48.3 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

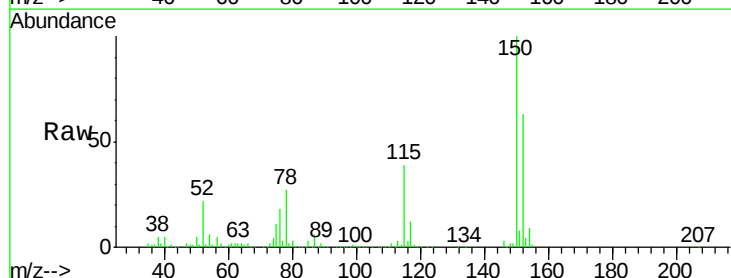
Tgt Ion:152 Resp: 132698

Ion Ratio Lower Upper

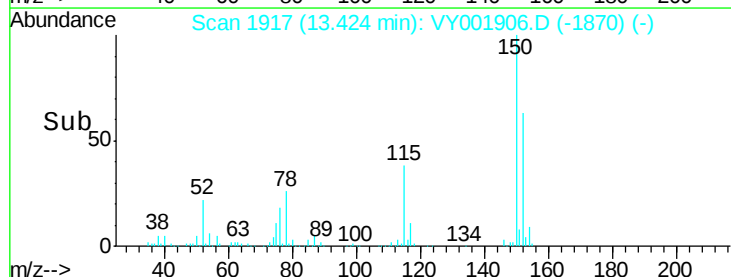
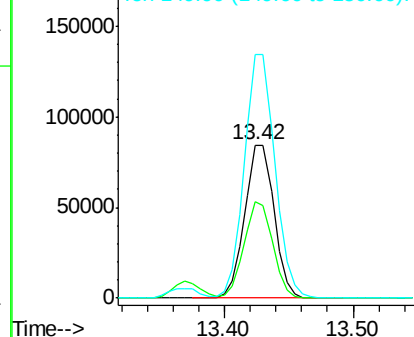
152 100

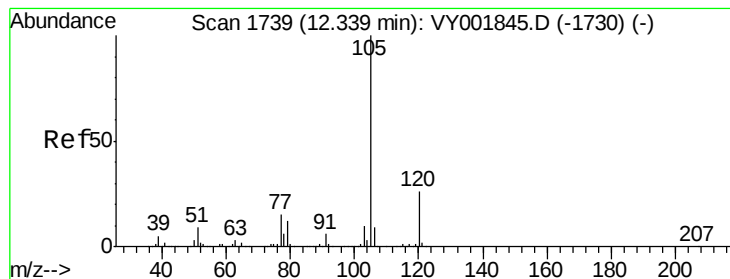
115 61.7 29.9 89.7

150 165.8 0.0 340.6



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





#73

Isopropylbenzene

Concen: 20.05 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

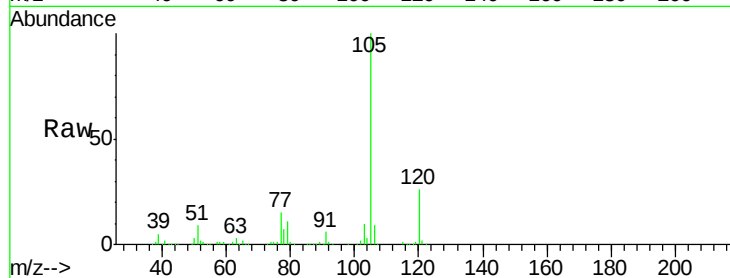
VY0309SBS01

Tgt Ion:105 Resp: 203140

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

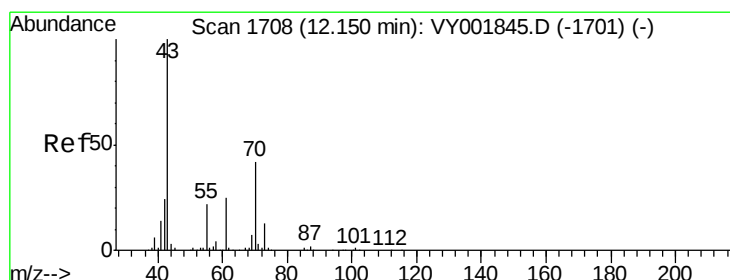
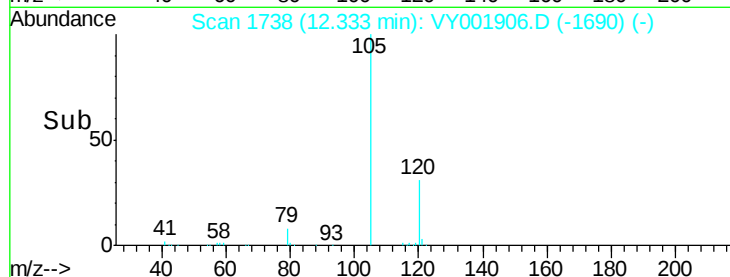
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.90 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion: 43 Resp: 65061

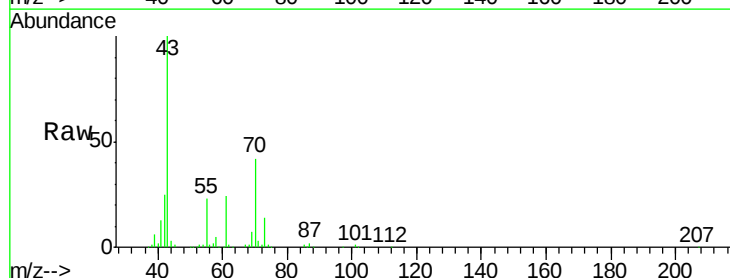
Ion Ratio Lower Upper

43 100

70 42.3 34.7 52.1

55 23.8 18.2 27.4

61 25.3 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

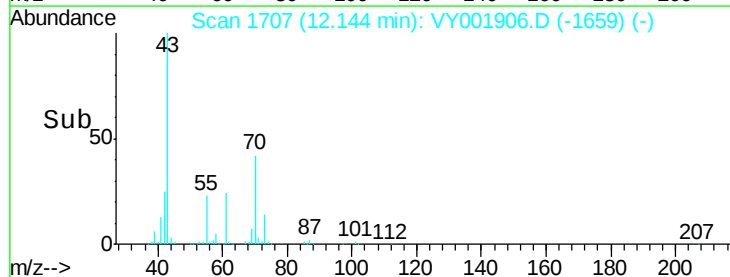
60000

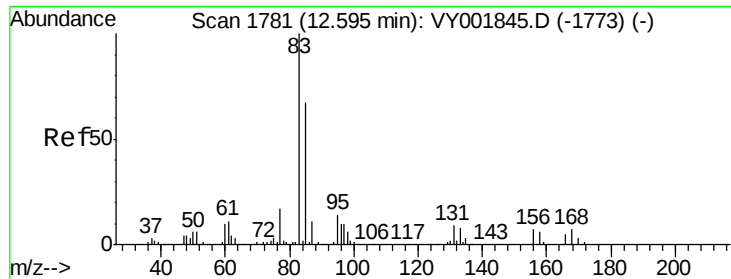
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.49 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

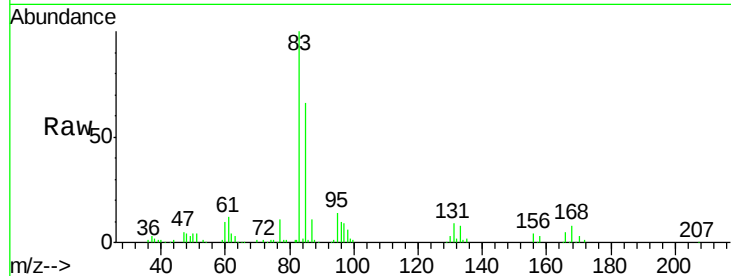
Tgt Ion: 83 Resp: 44755

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

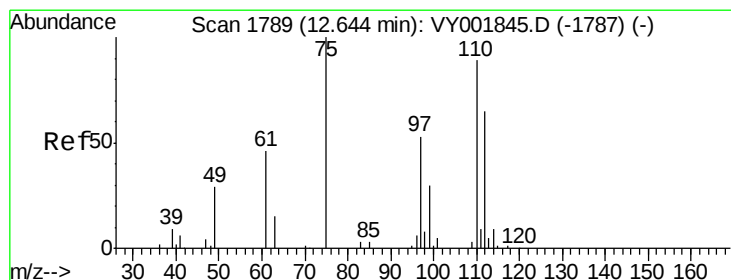
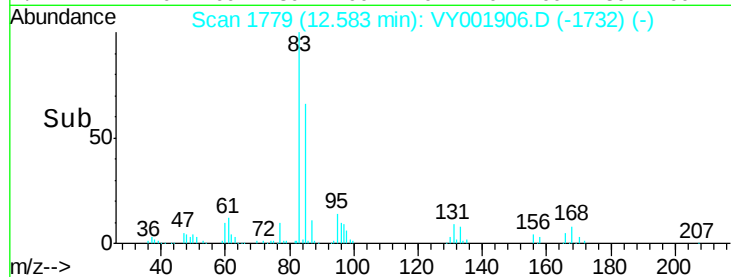
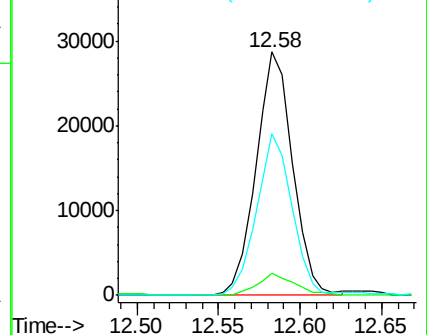
85 64.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.15 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001906.D

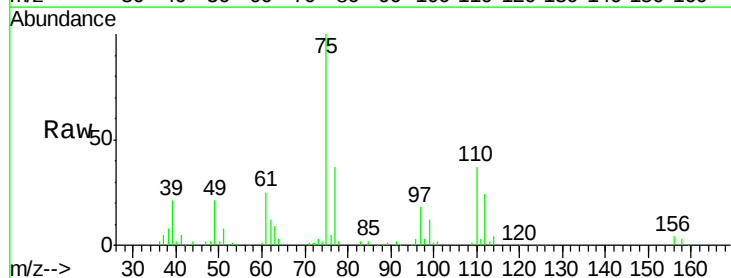
Acq: 09 Mar 2020 13:02

Tgt Ion: 75 Resp: 58490

Ion Ratio Lower Upper

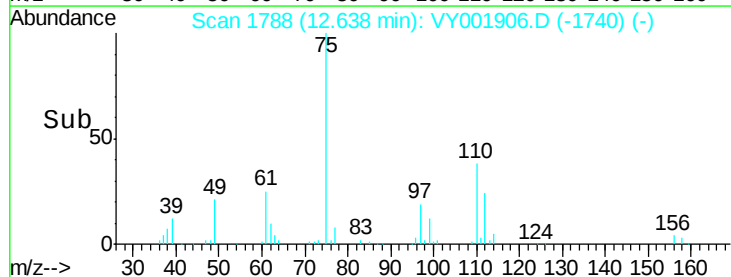
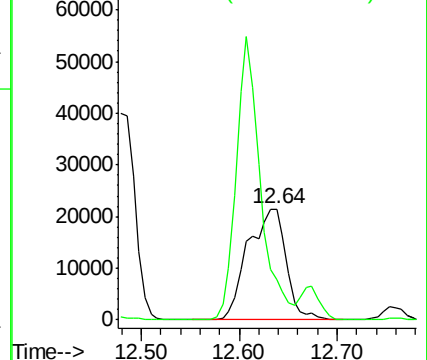
75 100

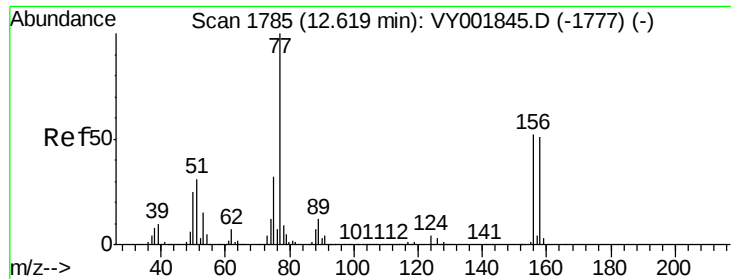
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.68 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

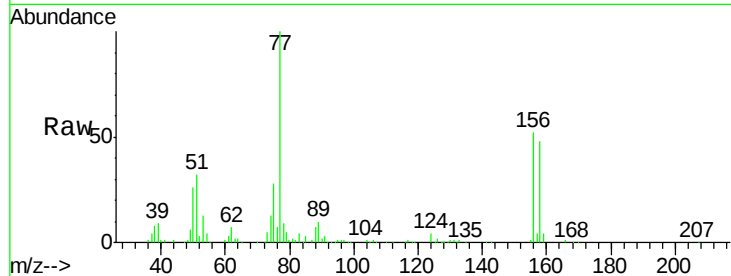
Tgt Ion:156 Resp: 44393

Ion Ratio Lower Upper

156 100

77 213.1 109.0 327.0

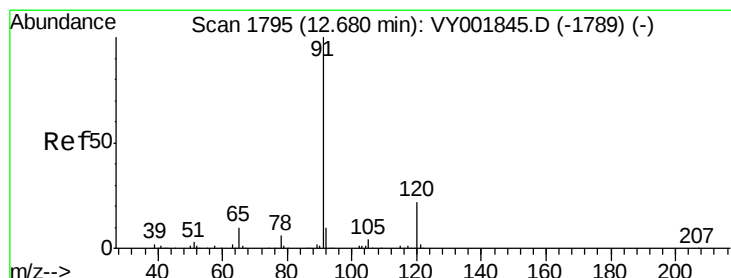
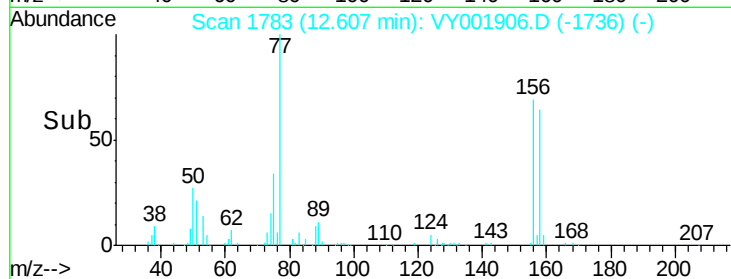
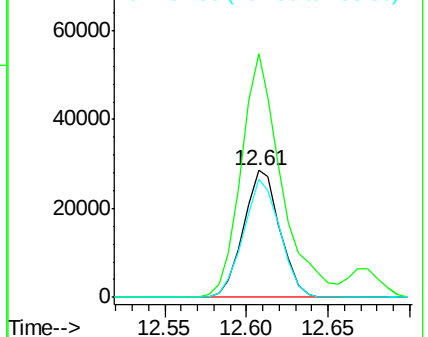
158 93.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.38 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001906.D

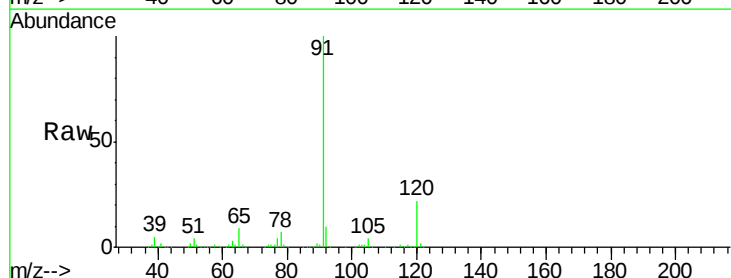
Acq: 09 Mar 2020 13:02

Tgt Ion: 91 Resp: 254730

Ion Ratio Lower Upper

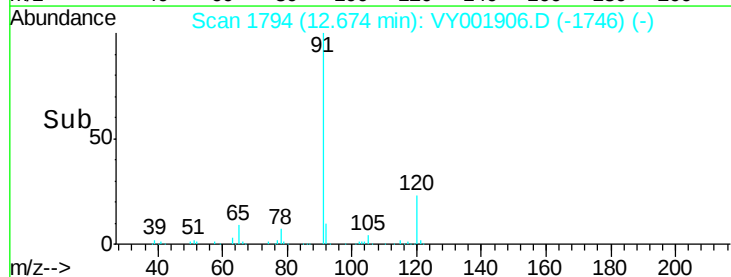
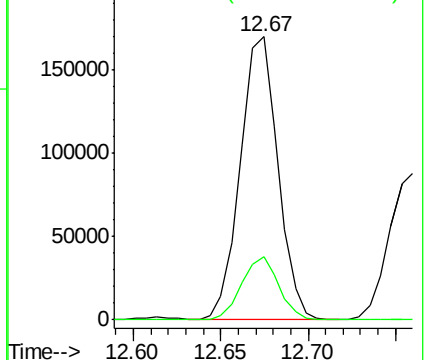
91 100

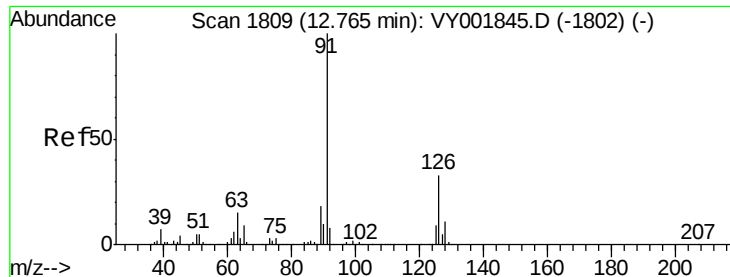
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

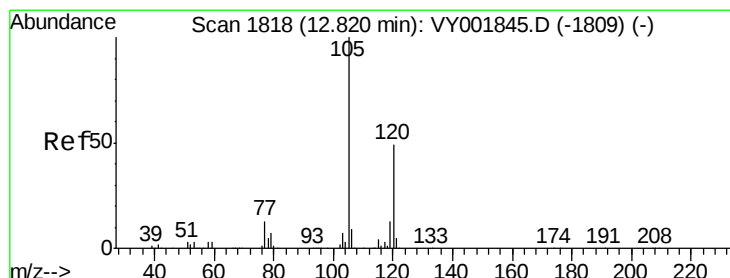
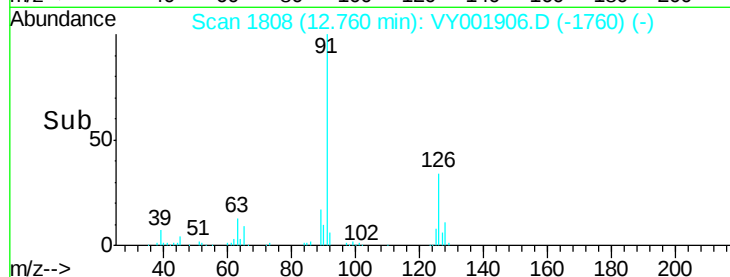
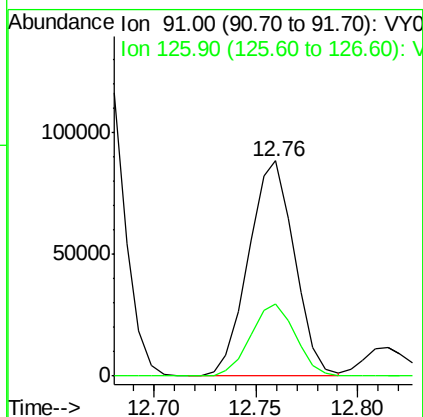
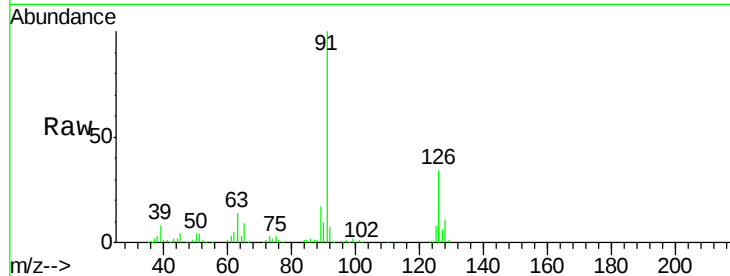




#79
 2-Chlorotoluene
 Concen: 20.03 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

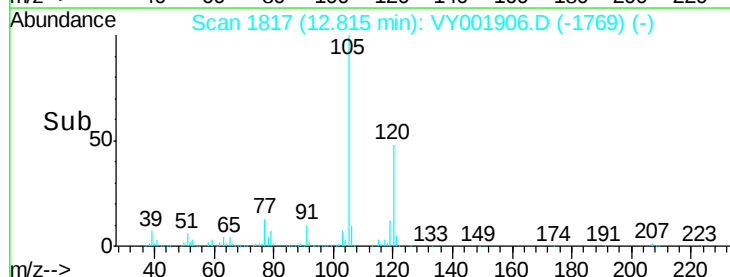
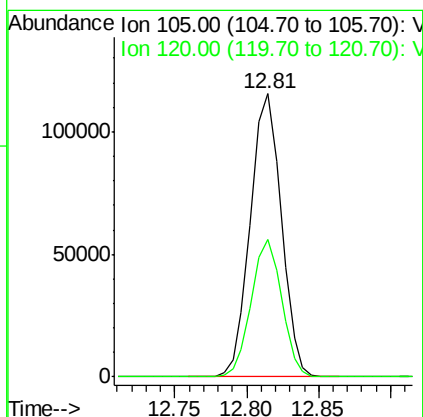
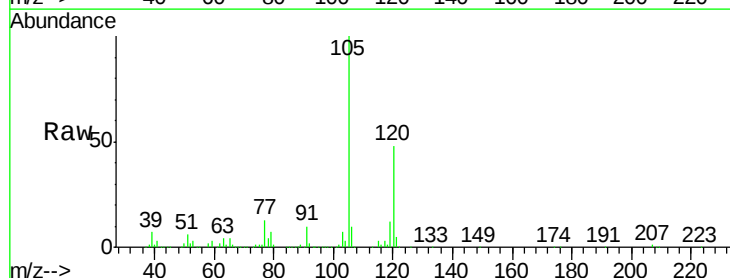
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

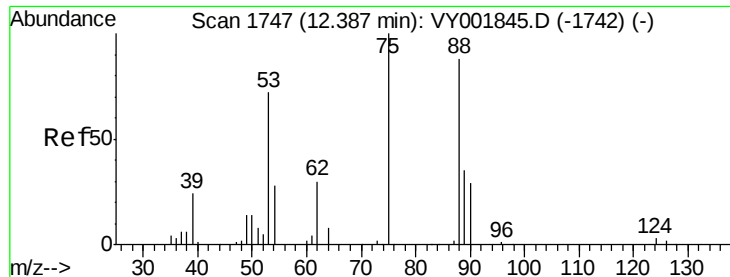
Tgt Ion: 91 Resp: 138275
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.62 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 105 Resp: 171929
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.08 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

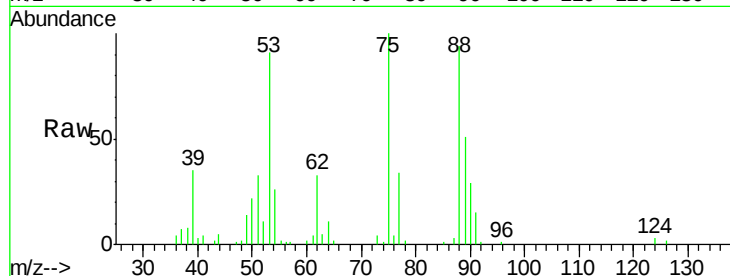
Tgt Ion: 75 Resp: 15656

Ion Ratio Lower Upper

75 100

53 87.2 65.4 98.0

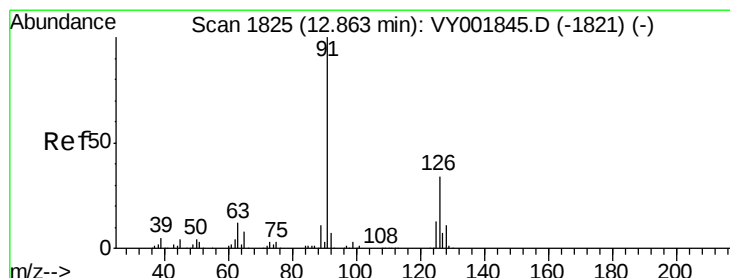
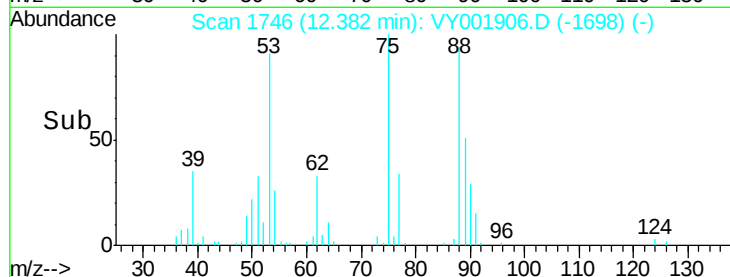
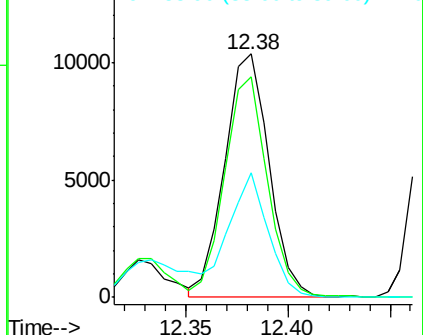
89 45.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.36 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001906.D

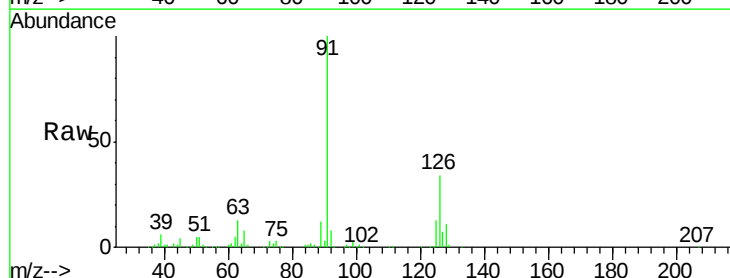
Acq: 09 Mar 2020 13:02

Tgt Ion: 91 Resp: 146353

Ion Ratio Lower Upper

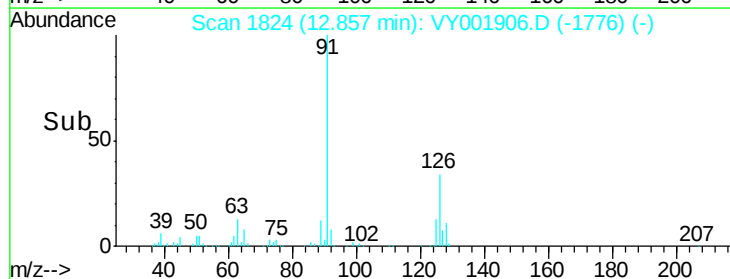
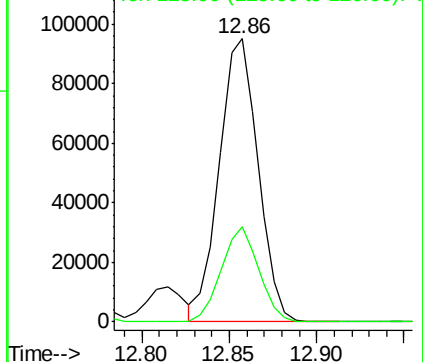
91 100

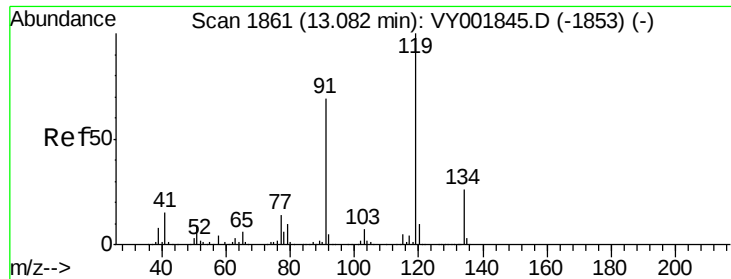
126 32.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

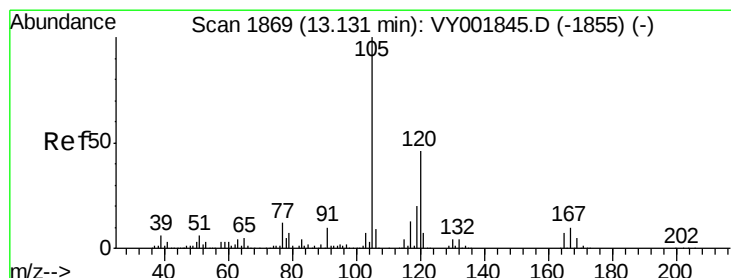
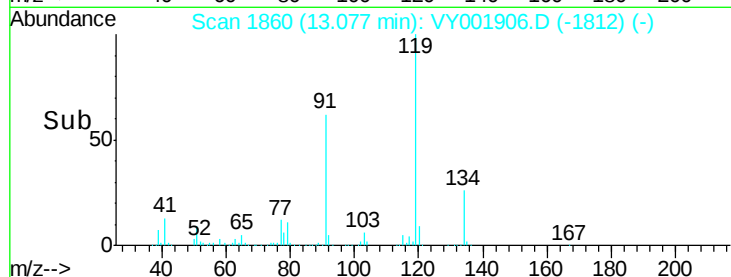
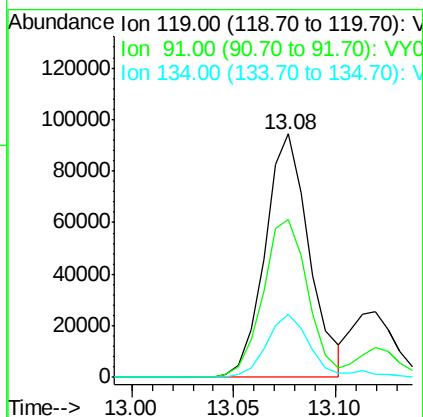
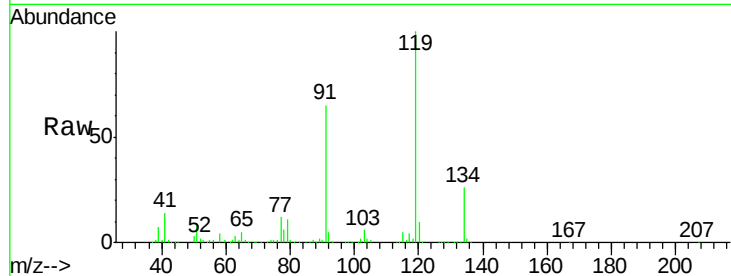




#83
 tert-Butylbenzene
 Concen: 20.52 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

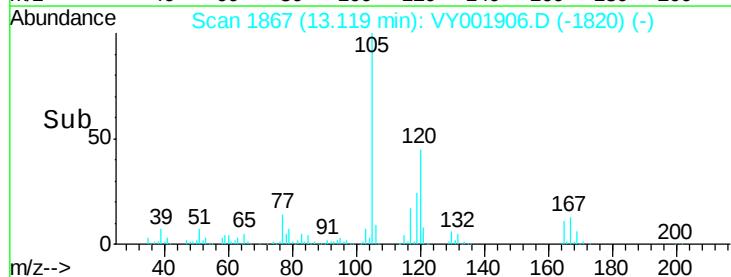
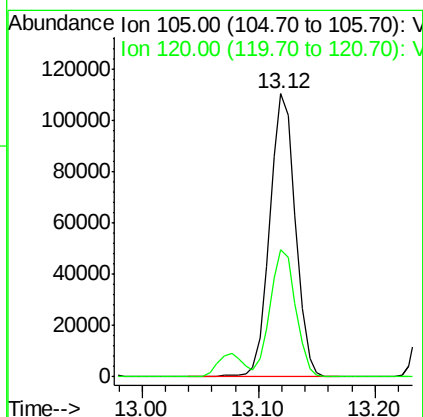
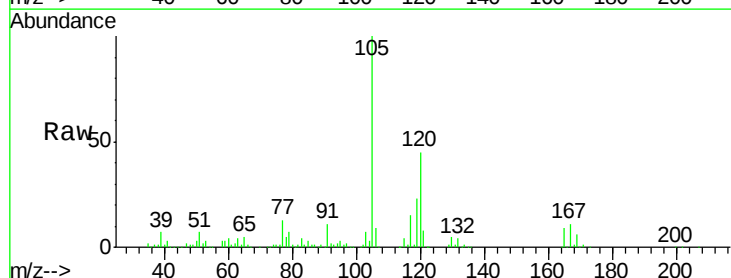
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

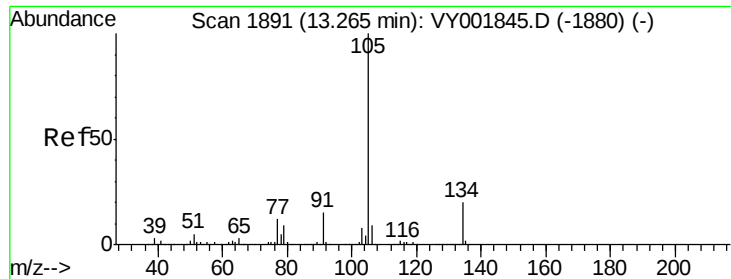
Tgt Ion:119 Resp: 142155
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion:105 Resp: 168996
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.70 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

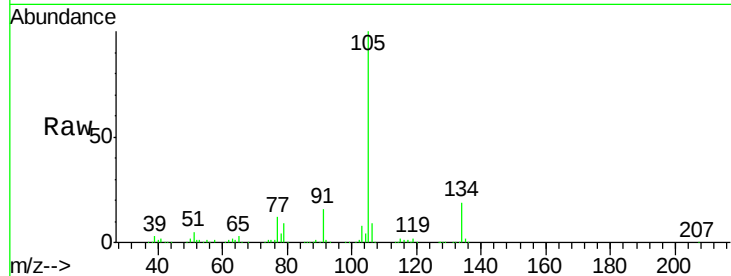
VY0309SBS01

Tgt Ion:105 Resp: 211359

Ion Ratio Lower Upper

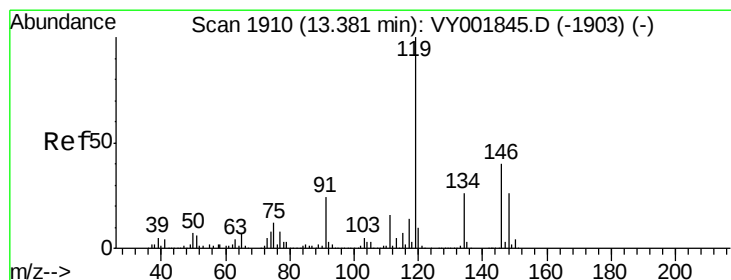
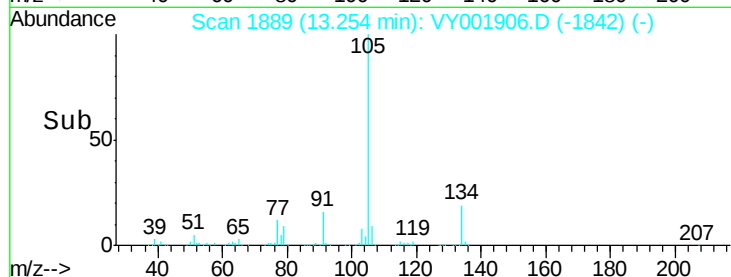
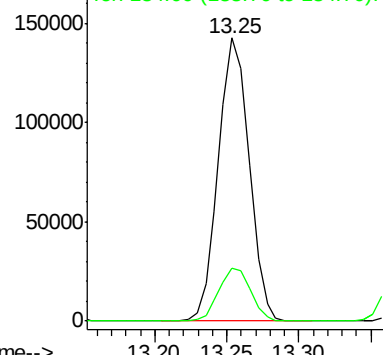
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.03 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

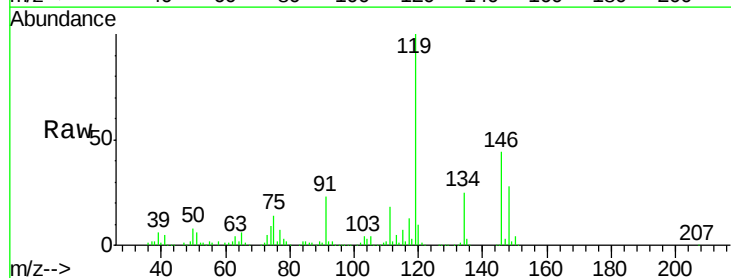
Tgt Ion:119 Resp: 185213

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

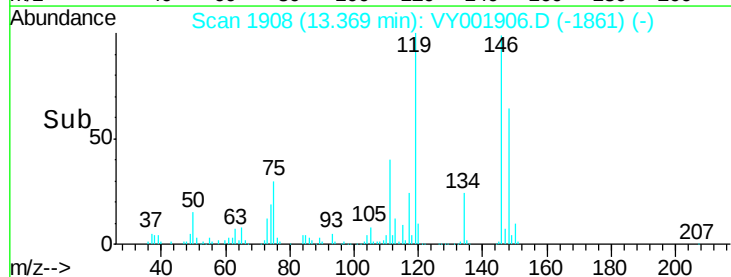
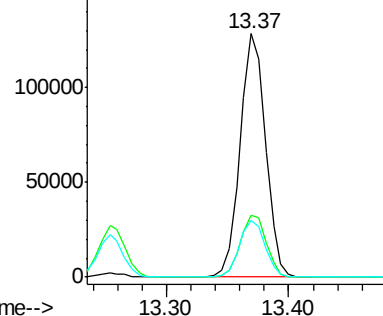
91 23.5 11.9 35.7

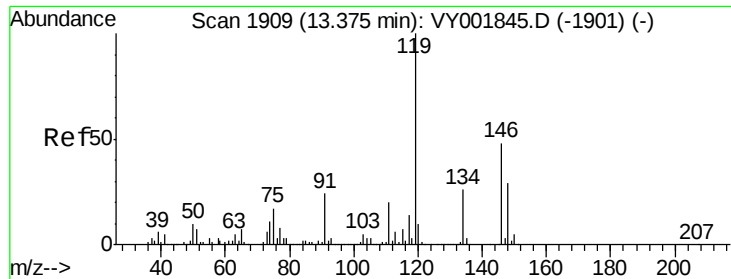


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

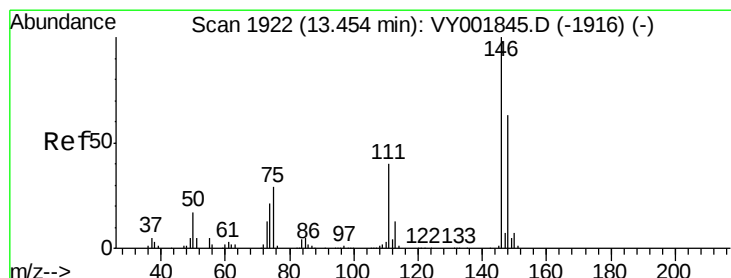
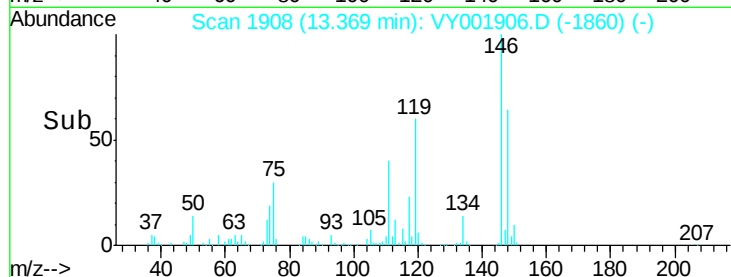
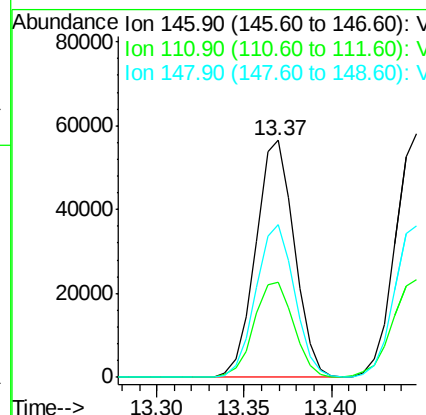
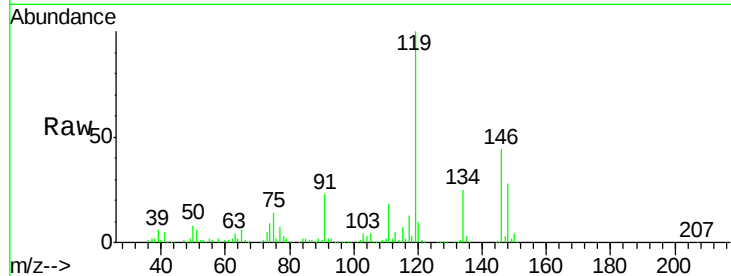




#87
 1,3-Dichlorobenzene
 Concen: 20.63 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

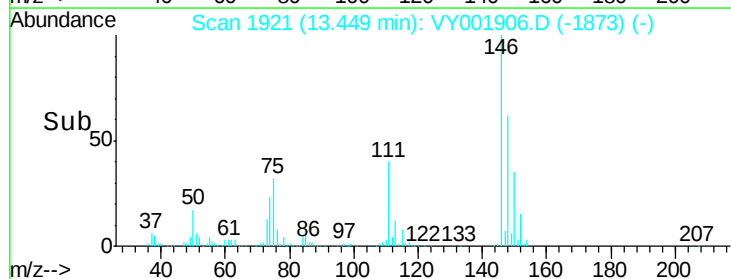
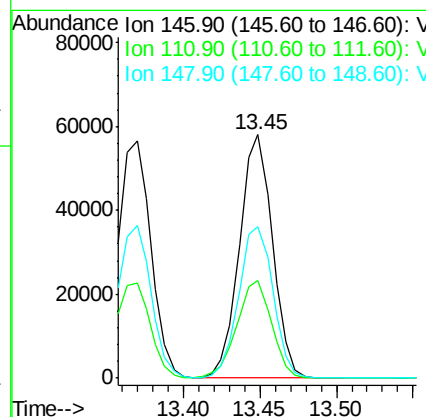
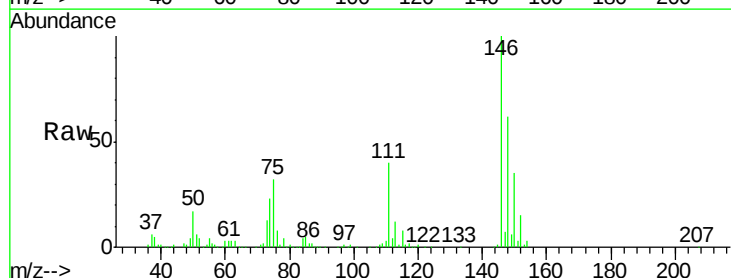
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

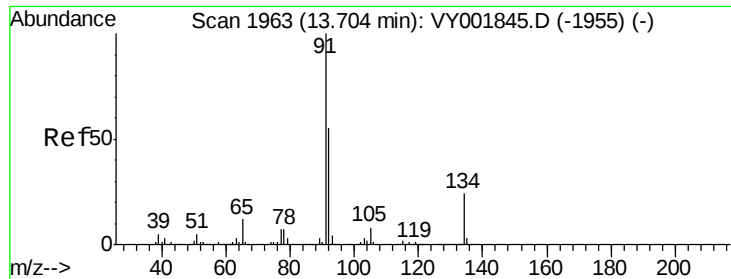
Tgt Ion:146 Resp: 86766
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 64.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.44 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion:146 Resp: 87197
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.0 60.0
 148 64.6 31.5 94.5

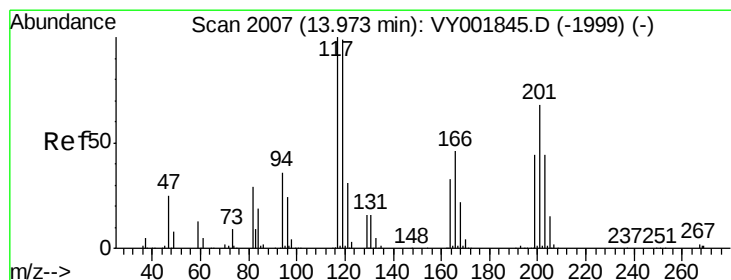
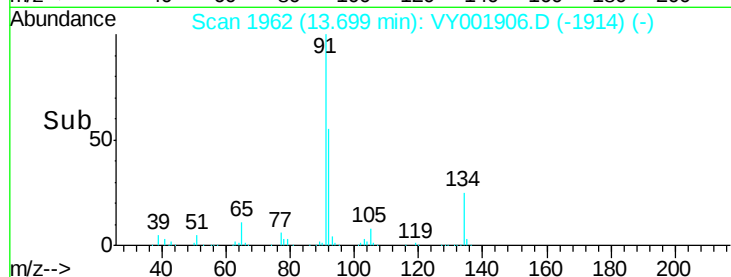
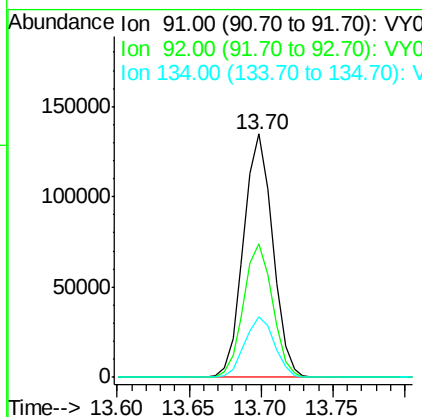
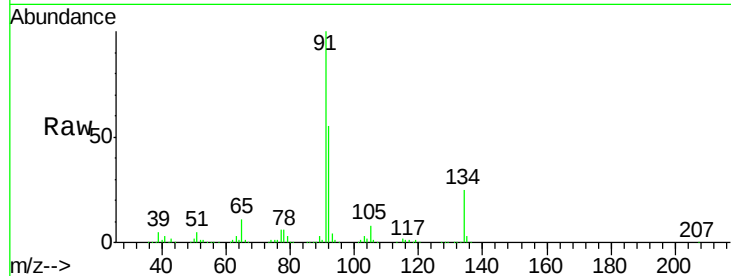




#89
n-Butylbenzene
Concen: 20.71 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

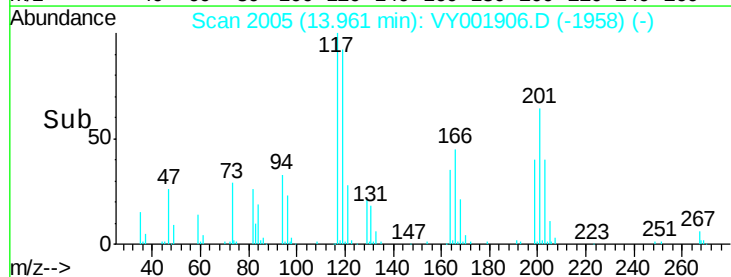
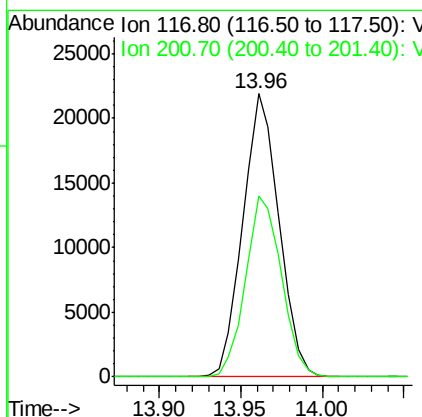
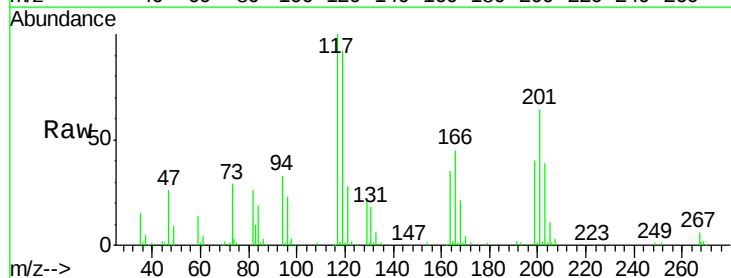
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

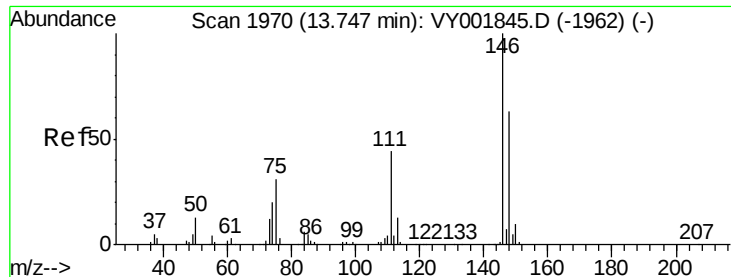
Tgt Ion: 91 Resp: 189273
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 25.2 12.5 37.5



#90
Hexachloroethane
Concen: 20.37 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 117 Resp: 33850
Ion Ratio Lower Upper
117 100
201 63.4 32.5 97.5

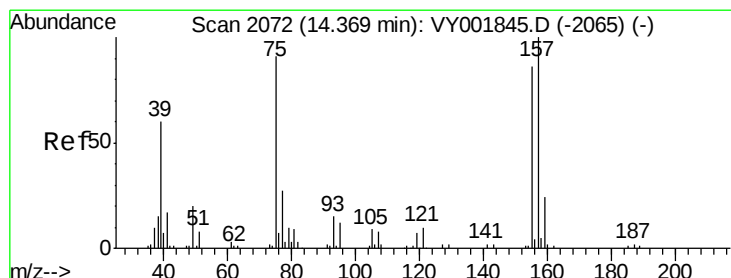
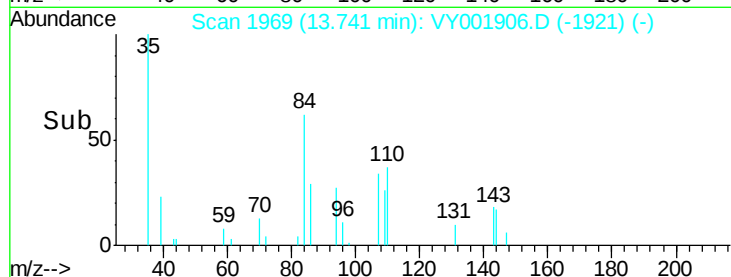
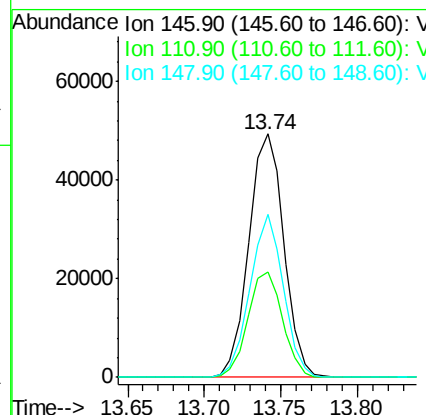
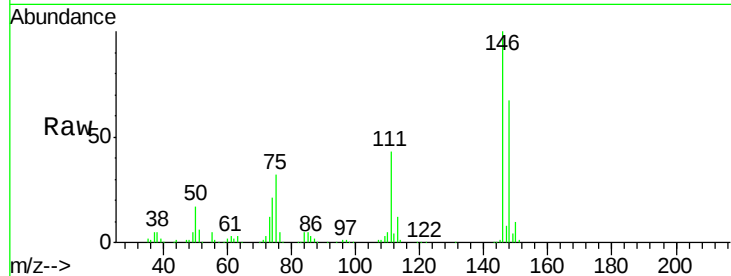




#91
1,2-Dichlorobenzene
Concen: 20.57 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

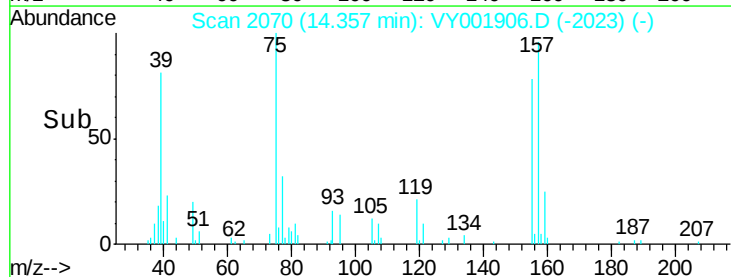
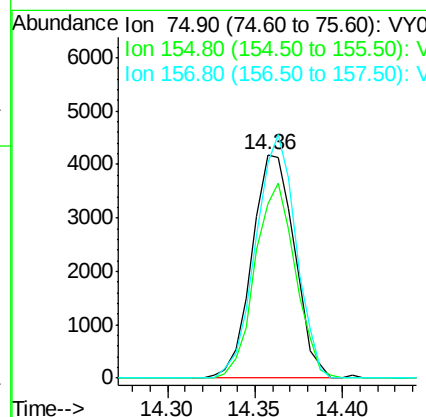
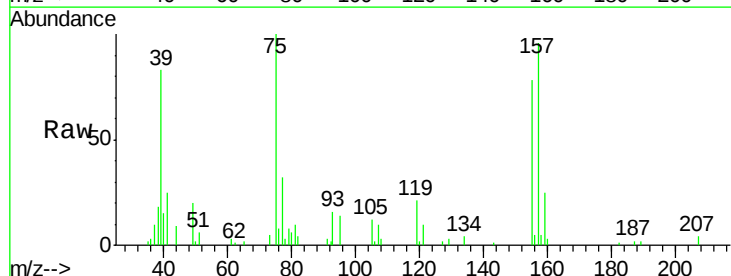
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

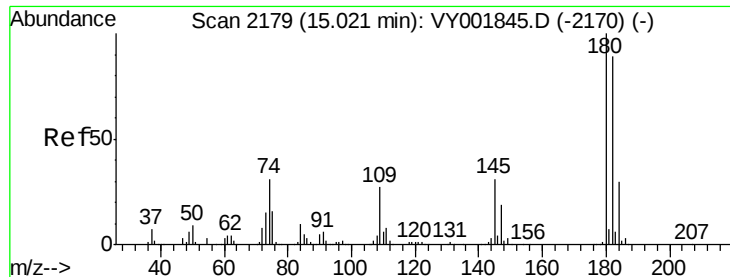
Tgt Ion:146 Resp: 78601
Ion Ratio Lower Upper
146 100
111 43.1 21.5 64.5
148 63.9 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.71 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 75 Resp: 7060
Ion Ratio Lower Upper
75 100
155 82.5 42.9 128.7
157 103.2 53.1 159.4

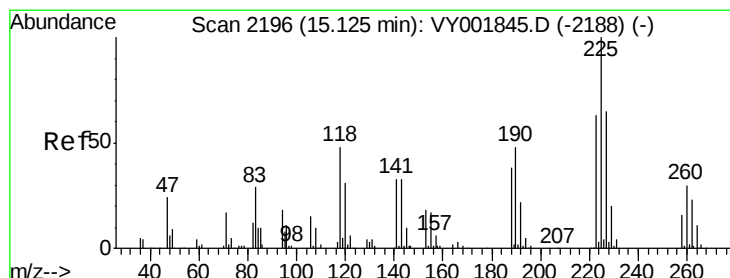
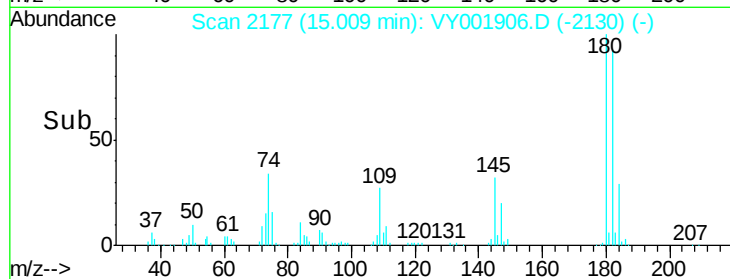
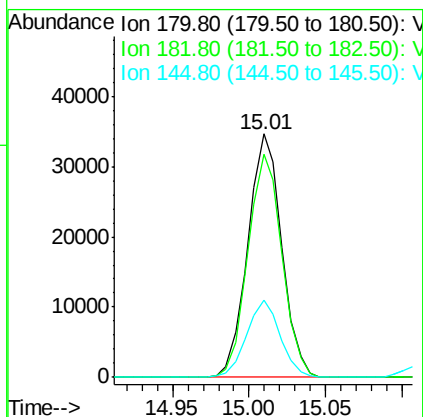
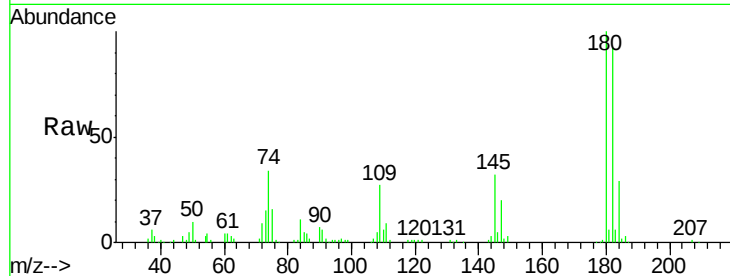




#93
 1,2,4-Trichlorobenzene
 Concen: 21.49 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

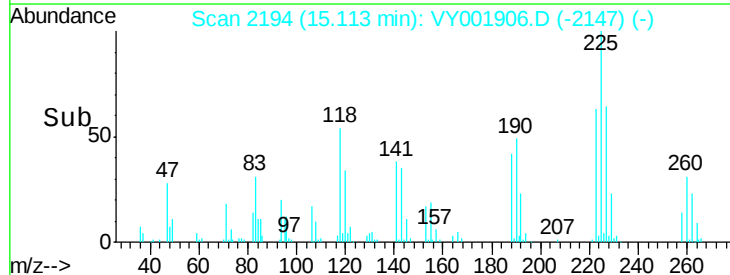
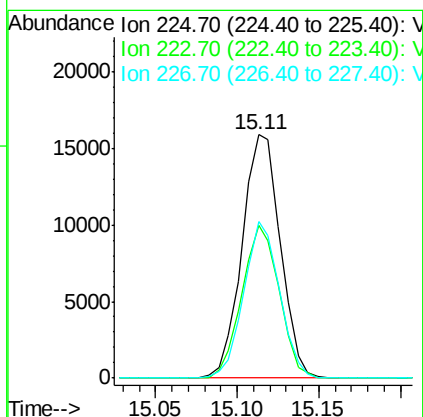
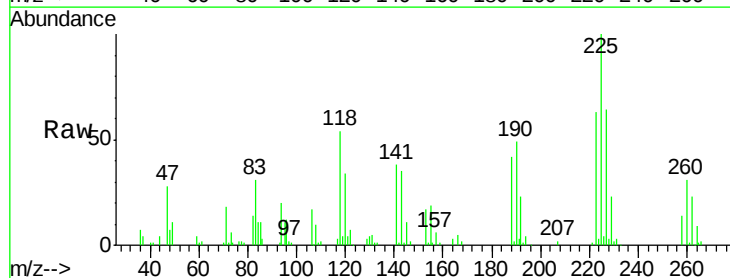
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

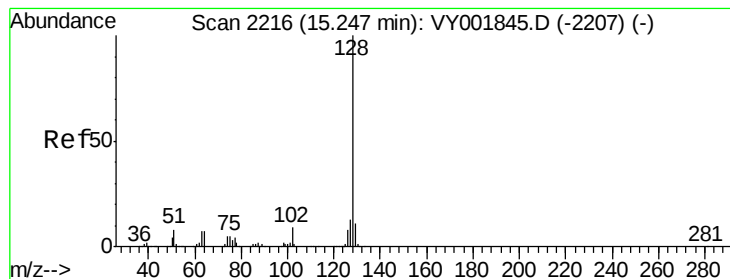
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.1	138.3
145	31.3	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 21.50 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.5	94.5
227	60.3	31.9	95.5





#95

Naphthalene

Concen: 20.75 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

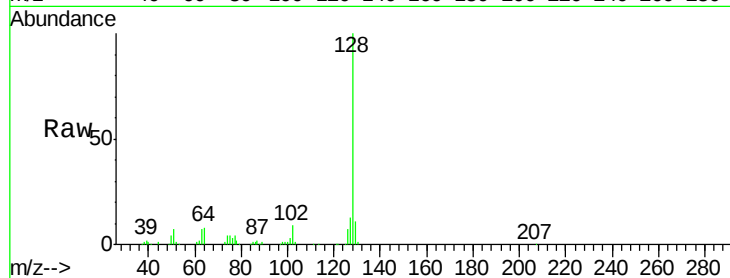
Tgt Ion:128 Resp: 121944

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

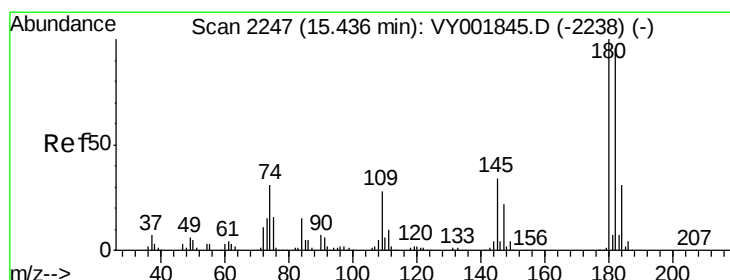
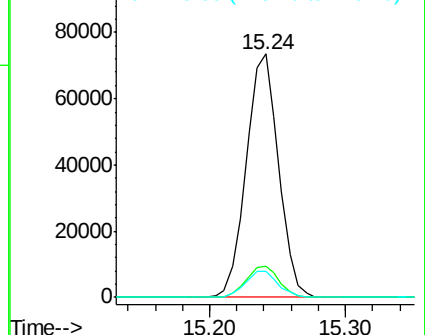
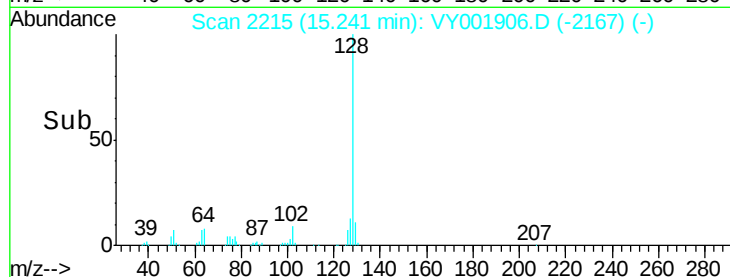
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.37 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

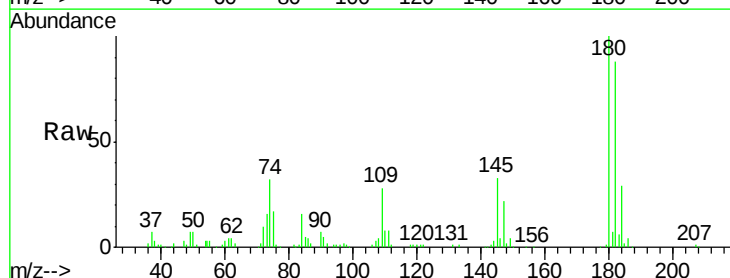
Tgt Ion:180 Resp: 46641

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 33.3 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

