

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000599.D
 Acq On : 07 Nov 2019 23:09
 Operator : SY/MD
 Sample : VY1107SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Quant Time: Nov 08 09:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	441513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	157249	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
35) Dibromofluoromethane	7.73	113	137002	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.18	98	537942	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.48	95	191554	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	44242	17.196	ug/l	97
3) Chloromethane	2.12	50	64618	18.232	ug/l	90
4) Vinyl Chloride	2.25	62	60771	18.464	ug/l	98
5) Bromomethane	2.64	94	42172	21.367	ug/l	91
6) Chloroethane	2.79	64	40695	19.756	ug/l	90
7) Trichlorofluoromethane	3.13	101	85778	19.298	ug/l	92
8) Diethyl Ether	3.54	74	33442	21.174	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51791	19.273	ug/l	97
10) Methyl Iodide	4.10	142	62322	19.692	ug/l	100
11) Tert butyl alcohol	4.96	59	26745	101.578	ug/l	98
12) 1,1-Dichloroethene	3.87	96	51586	19.759	ug/l	100
13) Acrolein	3.74	56	18542	80.848	ug/l	90
14) Allyl chloride	4.49	41	89253	21.024	ug/l	99
15) Acrylonitrile	5.18	53	86577	107.010	ug/l	99
16) Acetone	3.95	43	66826	89.642	ug/l	91
17) Carbon Disulfide	4.19	76	153714	18.667	ug/l	99
18) Methyl Acetate	4.49	43	53144	22.927	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	155594	21.435	ug/l	97
20) Methylene Chloride	4.72	84	67383	21.095	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	59800	20.261	ug/l	94
22) Diisopropyl ether	6.13	45	196711	21.319	ug/l	95
23) Vinyl Acetate	6.07	43	595626	102.258	ug/l	100
24) 1,1-Dichloroethane	6.03	63	105160	21.037	ug/l	96
25) 2-Butanone	7.00	43	116713	98.101	ug/l	98
26) 2,2-Dichloropropane	6.99	77	83623	18.305	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	67152	20.807	ug/l	99
28) Bromochloromethane	7.35	49	27508	15.171	ug/l	97
29) Tetrahydrofuran	7.36	42	74861	102.855	ug/l	98
30) Chloroform	7.52	83	105351	20.833	ug/l	93
31) Cyclohexane	7.80	56	99931	19.087	ug/l #	91
32) 1,1,1-Trichloroethane	7.71	97	88841	19.713	ug/l	99
36) 1,1-Dichloropropene	7.93	75	81772	19.592	ug/l	99
37) Ethyl Acetate	7.09	43	52054	21.006	ug/l	98
38) Carbon Tetrachloride	7.91	117	76939	19.157	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	98701	18.304	ug/l	98
40) Benzene	8.17	78	246114	20.113	ug/l	98
41) Methacrylonitrile	7.36	41	70532	51.022	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	74422	21.443	ug/l	99
43) Isopropyl Acetate	8.28	43	97731	20.995	ug/l	99
44) Trichloroethene	8.95	130	63482	19.676	ug/l	94
45) 1,2-Dichloropropane	9.22	63	62822	20.859	ug/l	93
46) Dibromomethane	9.32	93	34269	20.690	ug/l	96
47) Bromodichloromethane	9.50	83	79283	20.173	ug/l	97
48) Methyl methacrylate	9.30	41	42019	20.660	ug/l	98
49) 1,4-Dioxane	9.31	88	9583	429.894	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	256381	103.591	ug/l	97
52) Toluene	10.25	92	153735	19.871	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	83675	19.926	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	95855	19.925	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	48721	20.337	ug/l	97
56) Ethyl methacrylate	10.51	69	70144	20.658	ug/l	98
57) 1,3-Dichloropropane	10.80	76	86467	20.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	160081	104.284	ug/l	98
59) 2-Hexanone	10.83	43	182926	101.444	ug/l	98
60) Dibromochloromethane	10.99	129	55280	20.145	ug/l	96
61) 1,2-Dibromoethane	11.09	107	47433	20.592	ug/l	97
64) Tetrachloroethene	10.72	164	67059	20.181	ug/l	97
65) Chlorobenzene	11.52	112	161087	19.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	56125	19.863	ug/l	99
67) Ethyl Benzene	11.60	91	300052	20.010	ug/l	100
68) m/p-Xylenes	11.70	106	224493	38.682	ug/l	96
69) o-Xylene	12.03	106	104979	19.247	ug/l	96
70) Styrene	12.05	104	185773	19.890	ug/l	100
71) Bromoform	12.20	173	32850	20.212	ug/l #	97
73) Isopropylbenzene	12.33	105	288544	20.322	ug/l	100
74) N-amyl acetate	12.14	43	86529	21.279	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58554	20.828	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	78709	35.983	ug/l #	100
77) Bromobenzene	12.61	156	63398	19.690	ug/l	95
78) n-propylbenzene	12.67	91	344084	20.085	ug/l	100
79) 2-Chlorotoluene	12.75	91	193560	20.352	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	244629	20.687	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	18918	19.391	ug/l	94
82) 4-Chlorotoluene	12.85	91	202660	20.557	ug/l	97
83) tert-Butylbenzene	13.08	119	204013	20.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	241590	20.519	ug/l	99
85) sec-Butylbenzene	13.25	105	288486	20.055	ug/l	100
86) p-Isopropyltoluene	13.37	119	257999	20.124	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	126899	20.122	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	127923	20.299	ug/l	99
89) n-Butylbenzene	13.69	91	252463	19.966	ug/l	99
90) Hexachloroethane	13.96	117	48671	20.535	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	115482	20.182	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9998	20.095	ug/l	98

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QLast Update : Wed Oct 30 13:30:53 2019
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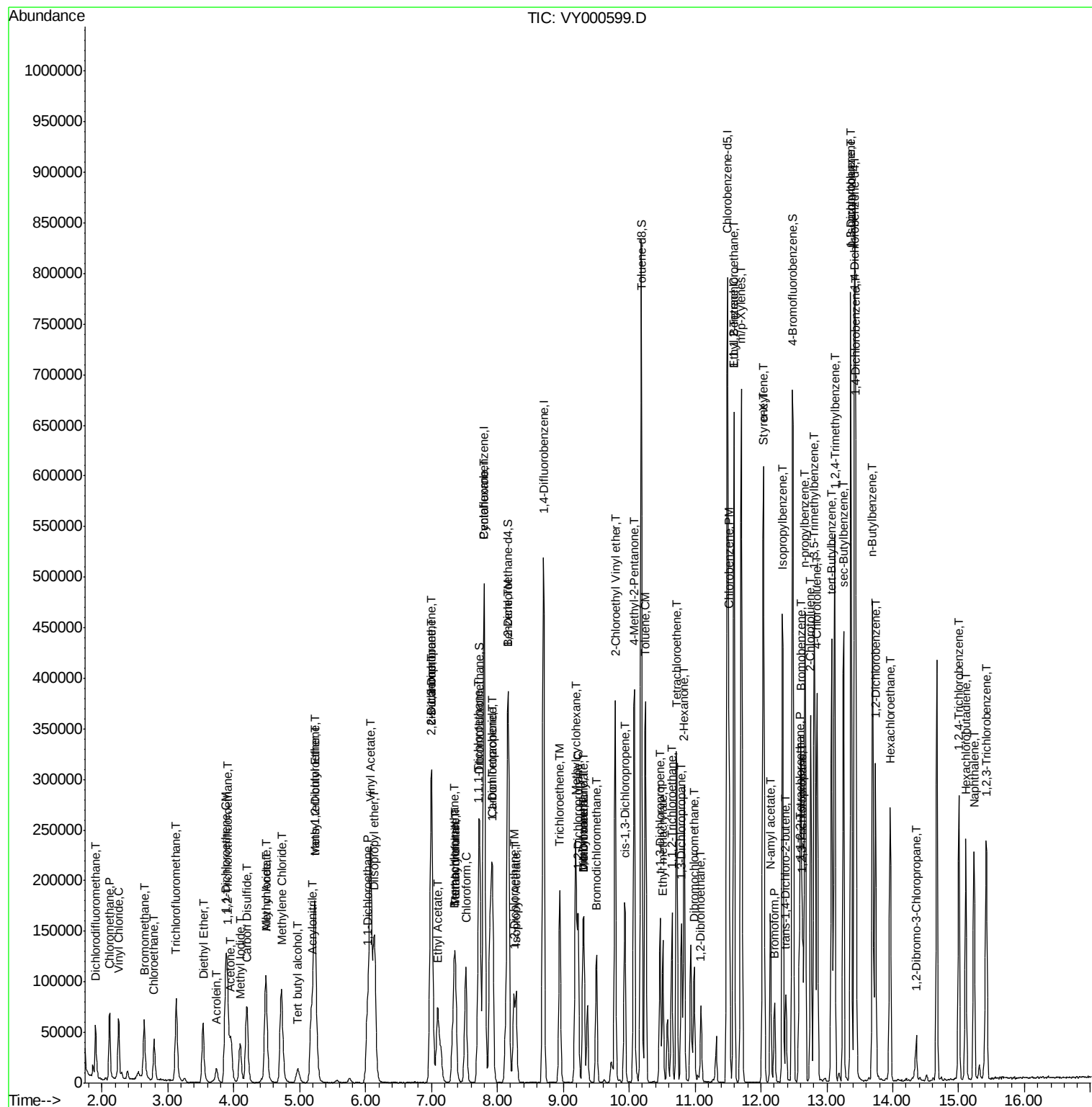
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	76526	19.642	ug/l	100
94) Hexachlorobutadiene	15.11	225	39325	19.581	ug/l	97
95) Naphthalene	15.23	128	178717	20.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69606	19.914	ug/l	97

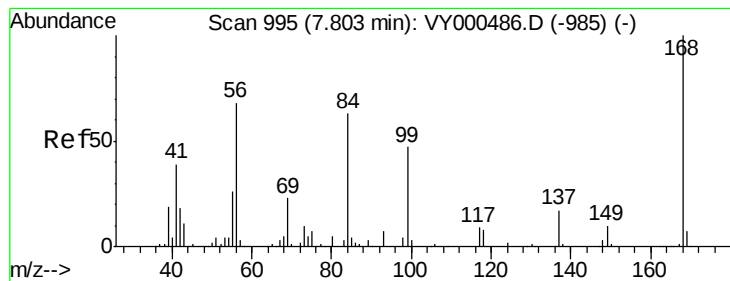
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

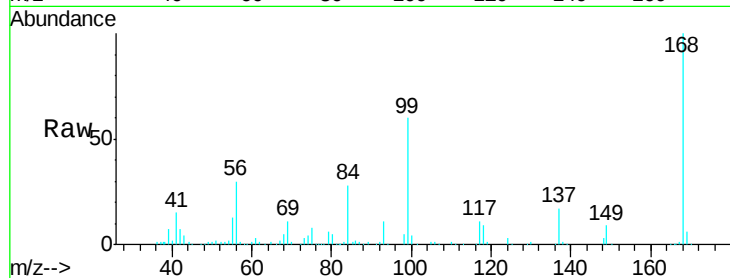
VY1107SBS02

Tgt Ion:168 Resp: 261366

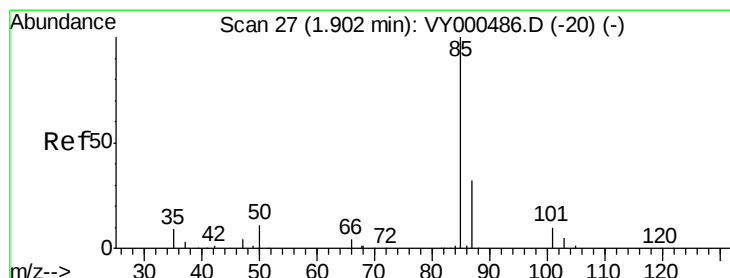
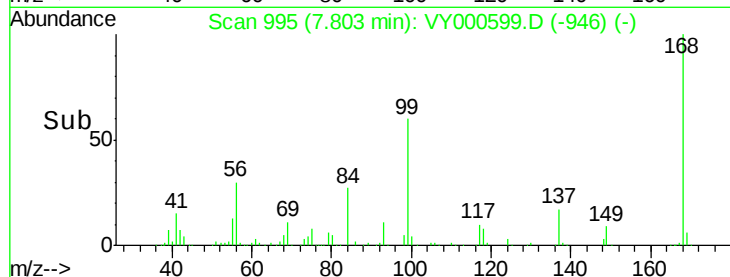
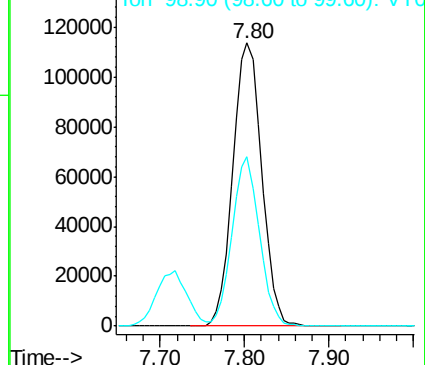
Ion Ratio Lower Upper

168 100

99 59.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 17.196 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000599.D

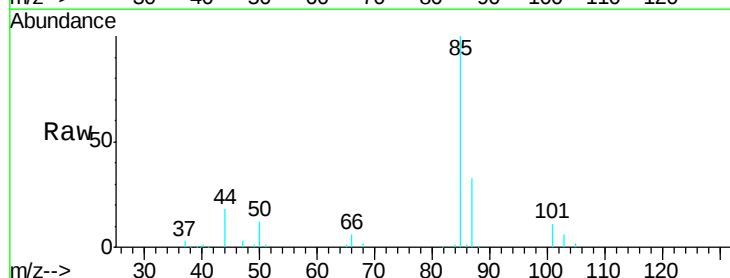
Acq: 07 Nov 2019 23:09

Tgt Ion: 85 Resp: 44242

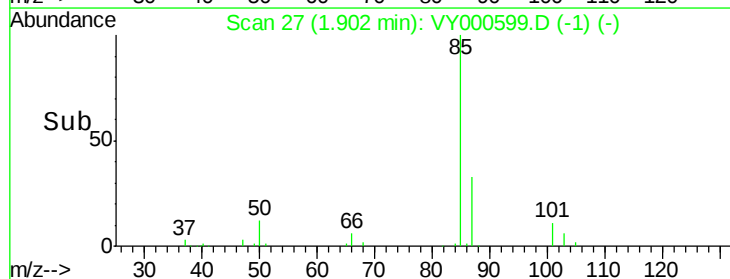
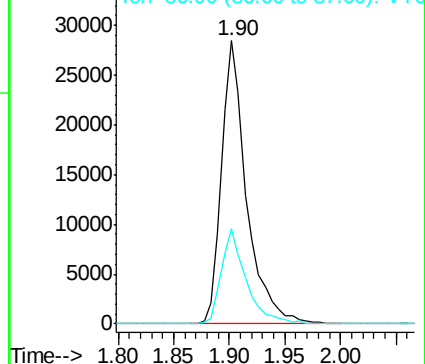
Ion Ratio Lower Upper

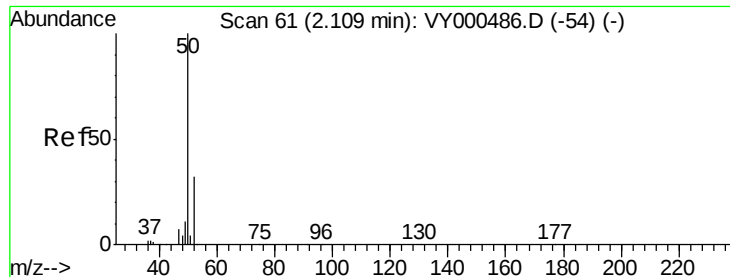
85 100

87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)





#3

Chloromethane

Concen: 18.232 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

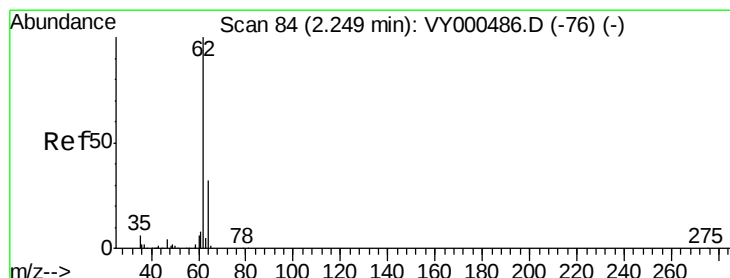
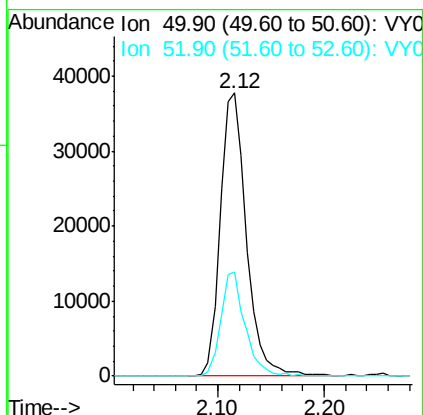
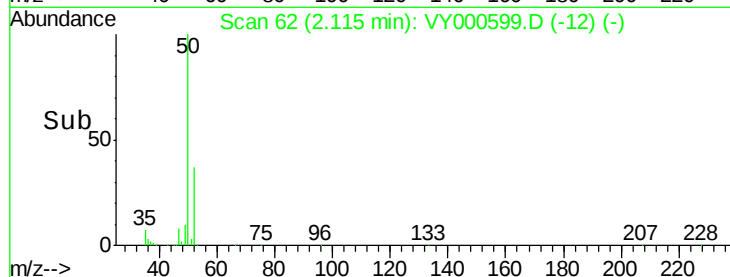
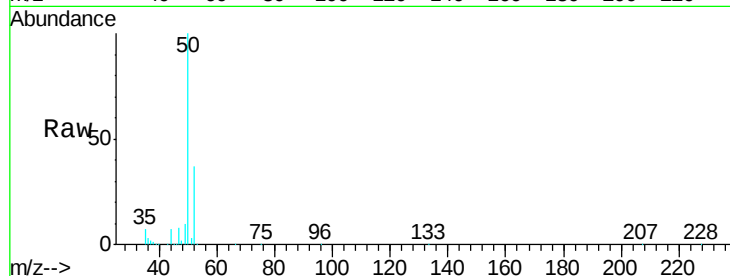
VY1107SBS02

Tgt Ion: 50 Resp: 64618

Ion Ratio Lower Upper

50 100

52 36.8 25.2 37.8



#4

Vinyl Chloride

Concen: 18.464 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000599.D

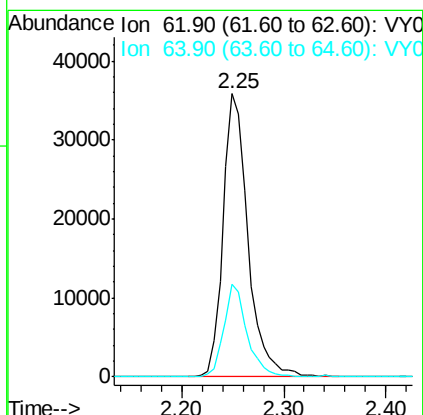
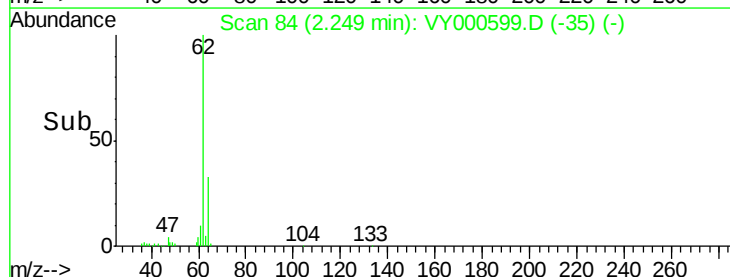
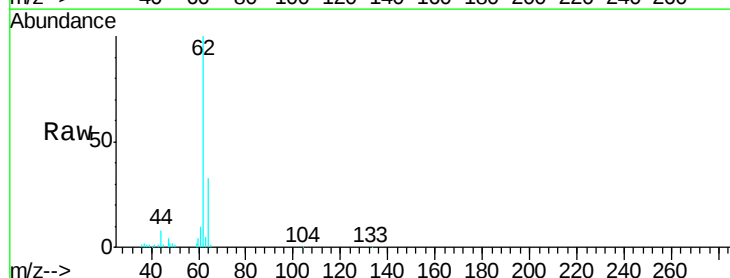
Acq: 07 Nov 2019 23:09

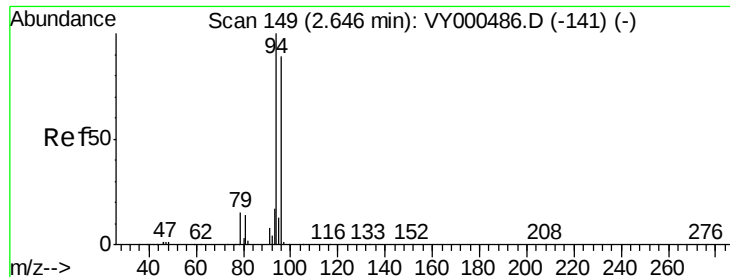
Tgt Ion: 62 Resp: 60771

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 21.367 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

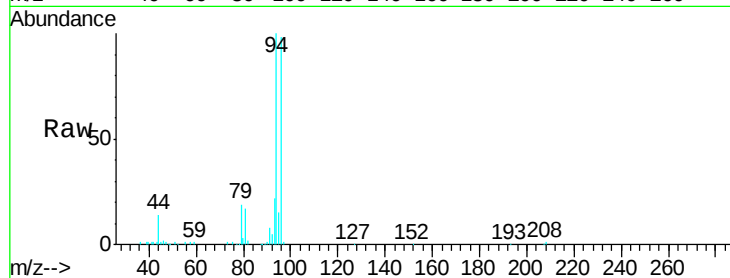
VY1107SBS02

Tgt Ion: 94 Resp: 42172

Ion Ratio Lower Upper

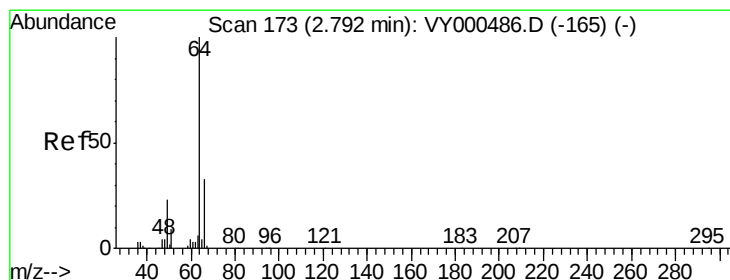
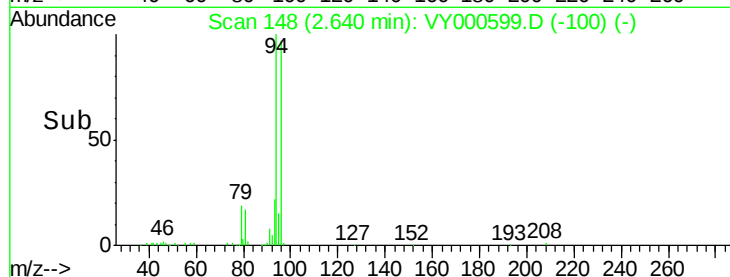
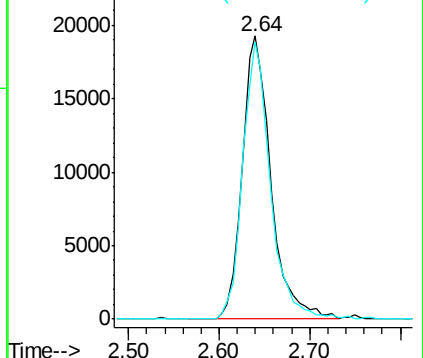
94 100

96 97.7 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.756 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000599.D

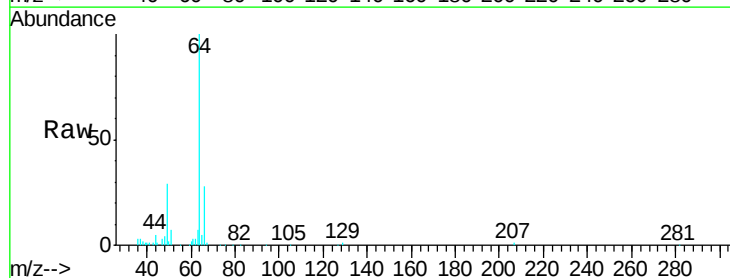
Acq: 07 Nov 2019 23:09

Tgt Ion: 64 Resp: 40695

Ion Ratio Lower Upper

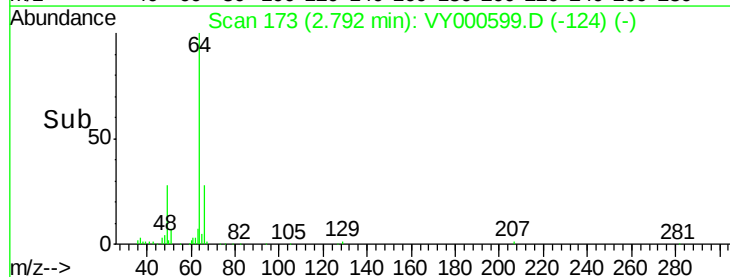
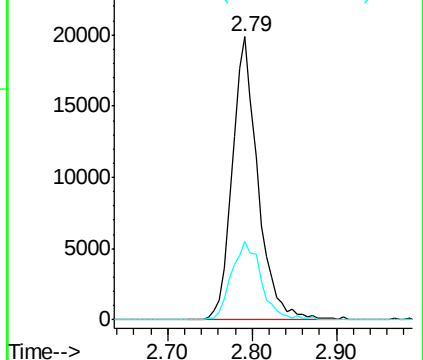
64 100

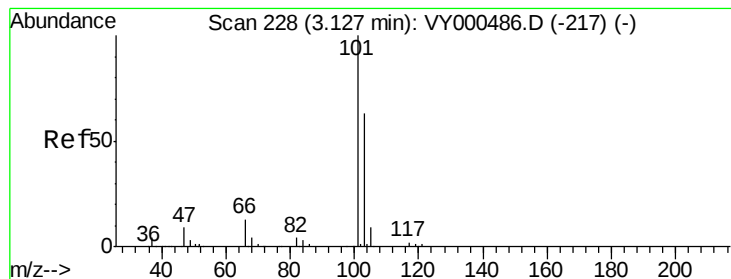
66 27.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



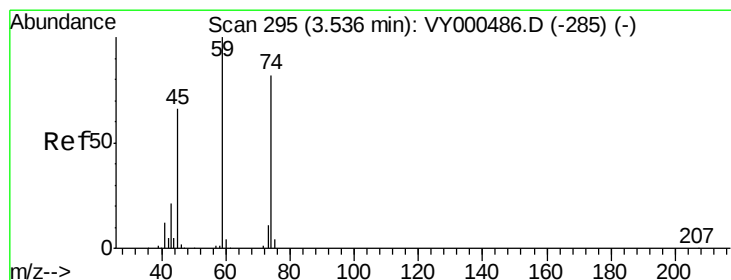
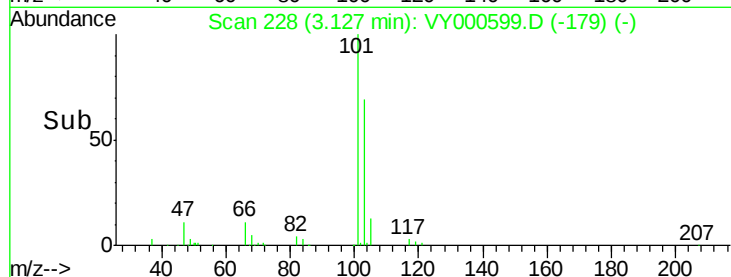
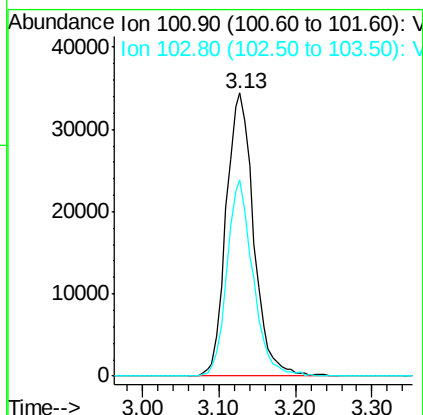
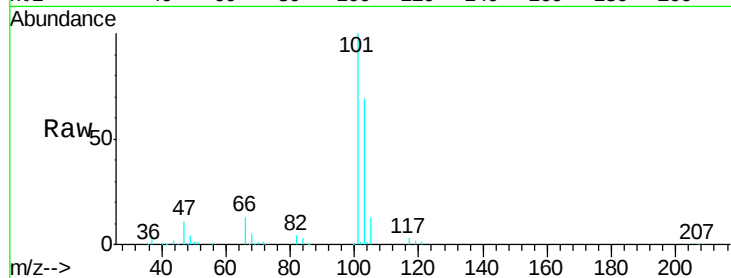


#7

Trichlorofluoromethane
 Concen: 19.298 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000599.D
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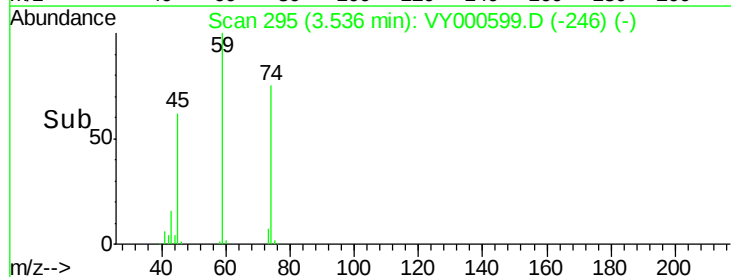
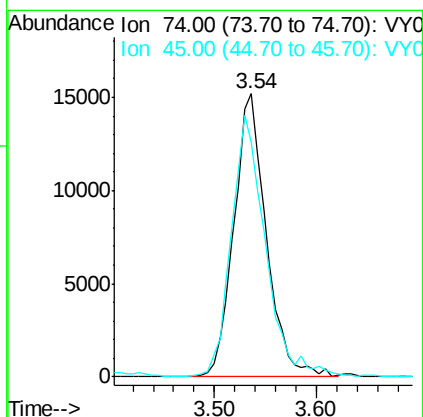
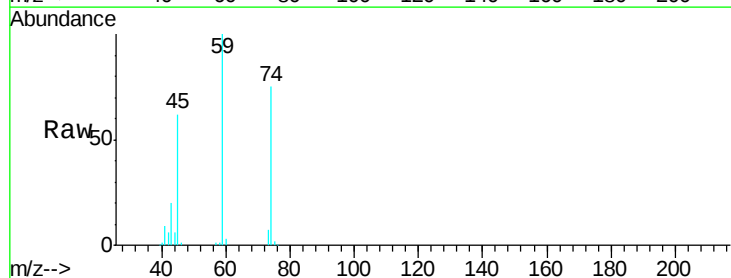
Tgt Ion:101 Resp: 85778
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.5 75.7

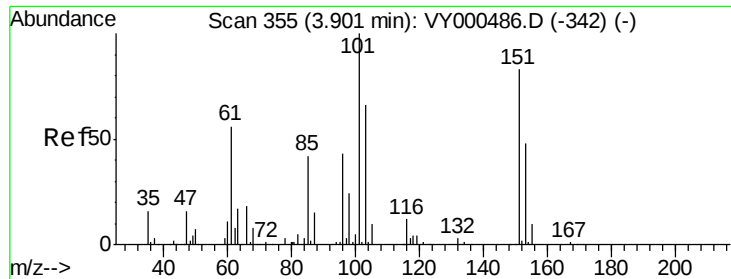


#8

Diethyl Ether
 Concen: 21.174 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 74 Resp: 33442
 Ion Ratio Lower Upper
 74 100
 45 97.4 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.273 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

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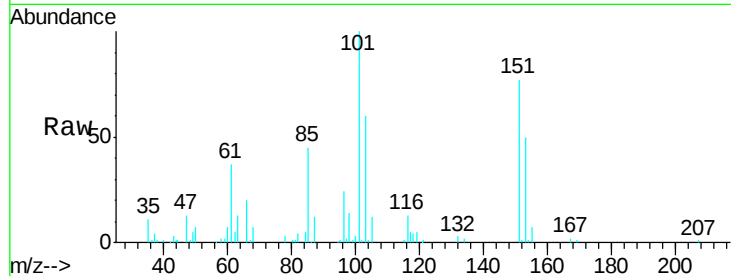
Tgt Ion:101 Resp: 51791

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

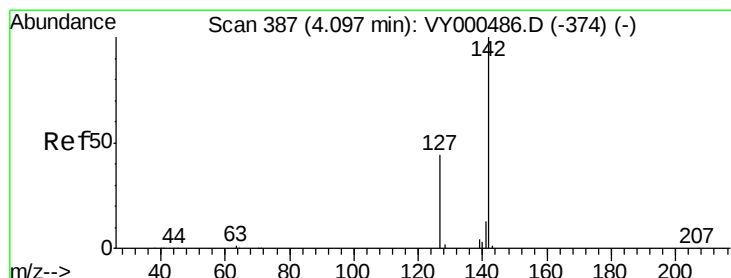
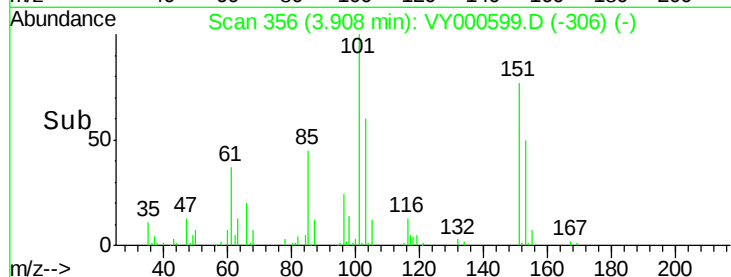
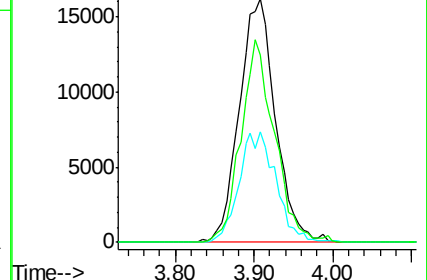
151 76.7 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.692 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

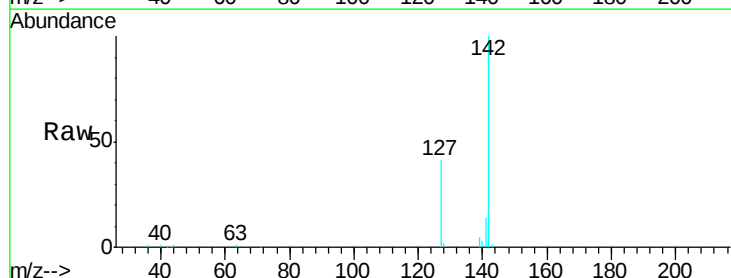
Tgt Ion:142 Resp: 62322

Ion Ratio Lower Upper

142 100

127 41.9 33.7 50.5

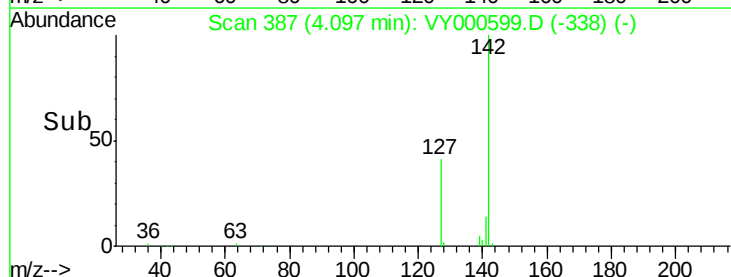
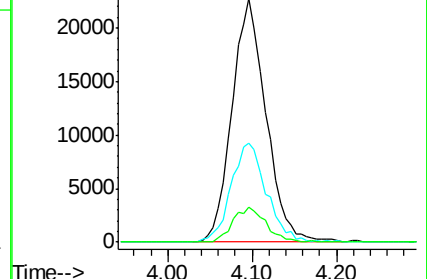
141 13.9 10.9 16.3

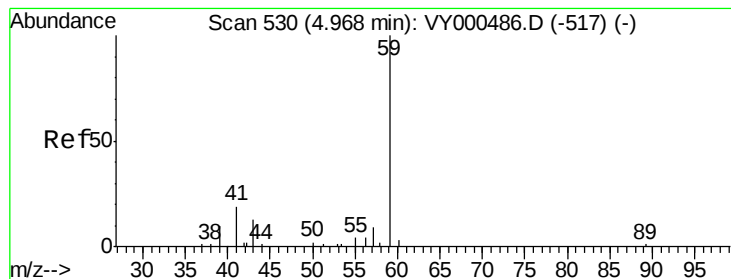


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.578 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

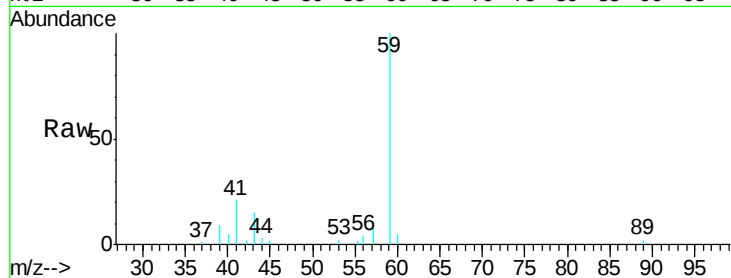
VY1107SBS02

Tgt Ion: 59 Resp: 26745

Ion Ratio Lower Upper

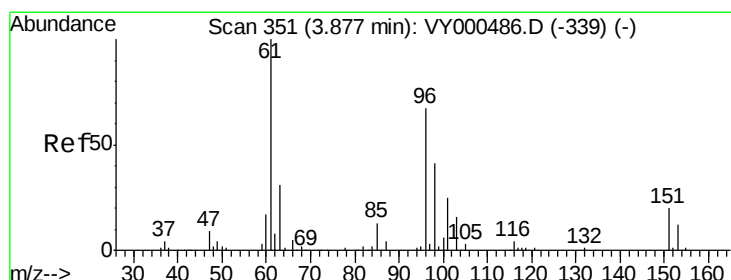
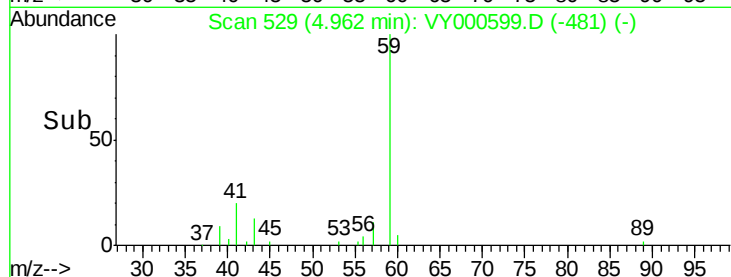
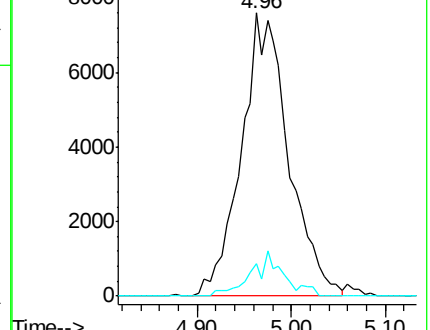
59 100

57 9.8 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 19.759 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

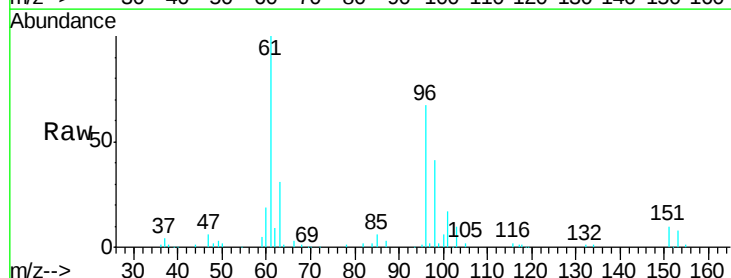
Tgt Ion: 96 Resp: 51586

Ion Ratio Lower Upper

96 100

61 148.8 119.2 178.8

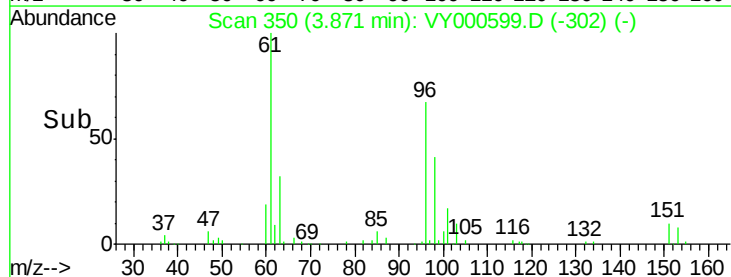
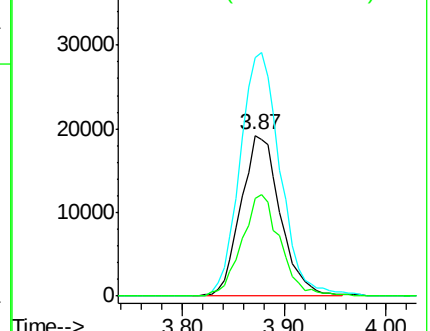
98 60.7 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 80.848 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

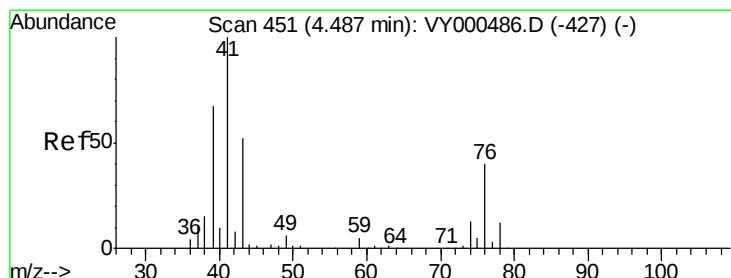
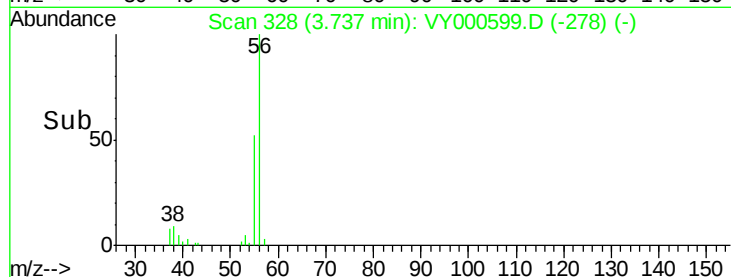
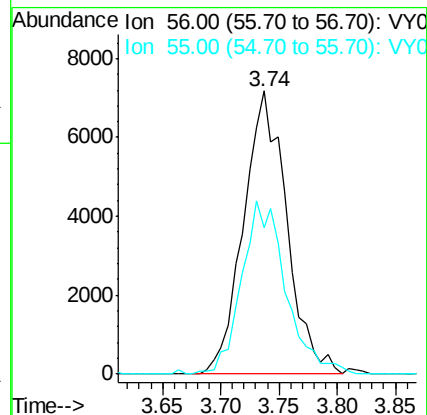
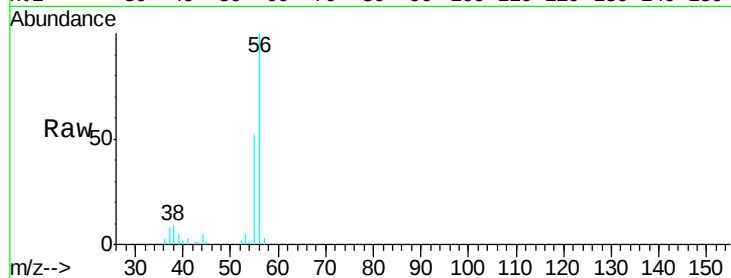
VY1107SBS02

Tgt Ion: 56 Resp: 18542

Ion Ratio Lower Upper

56 100

55 62.8 57.0 85.6



#14

Allyl chloride

Concen: 21.024 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

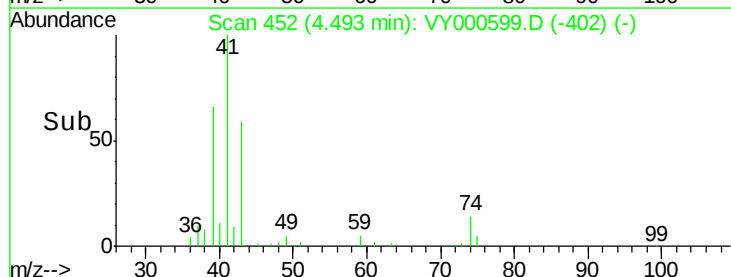
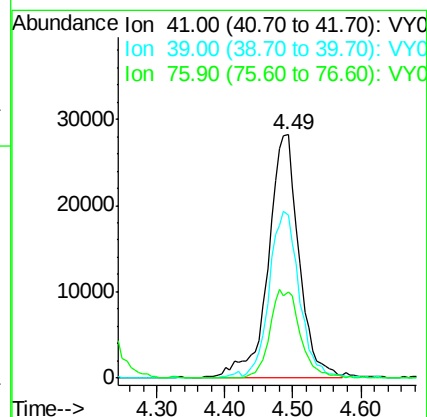
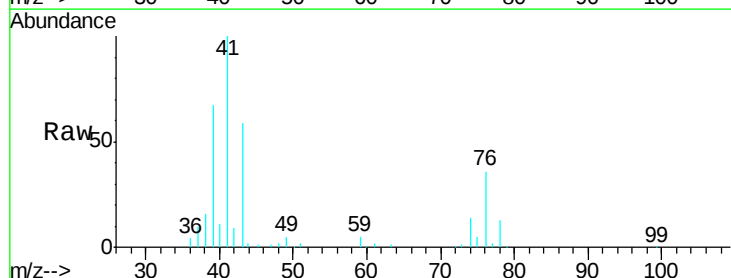
Tgt Ion: 41 Resp: 89253

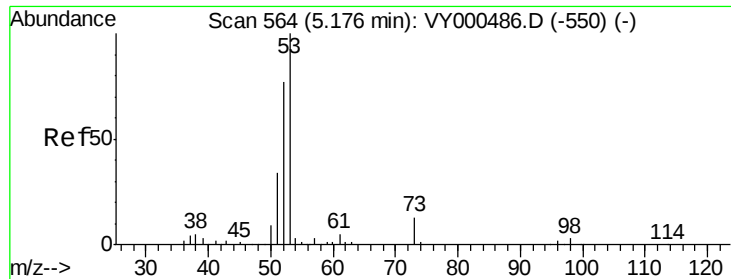
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 35.6 29.8 44.6





#15

Acrylonitrile

Concen: 107.010 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

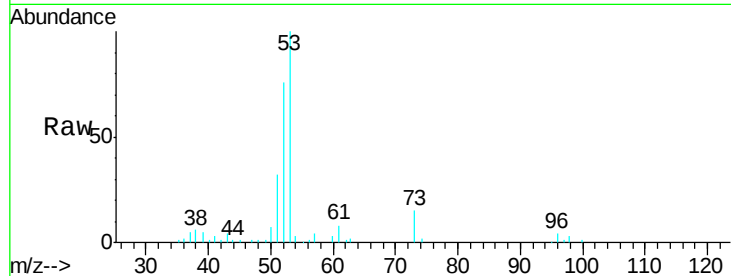
Tgt Ion: 53 Resp: 86577

Ion Ratio Lower Upper

53 100

52 80.9 64.9 97.3

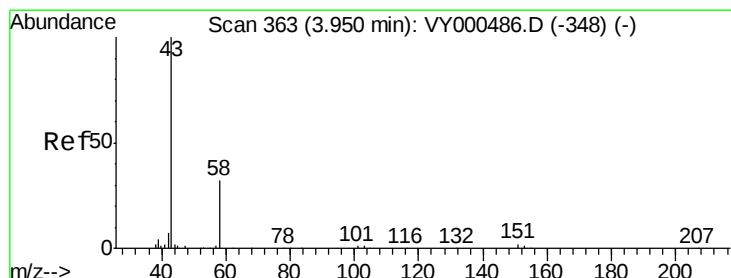
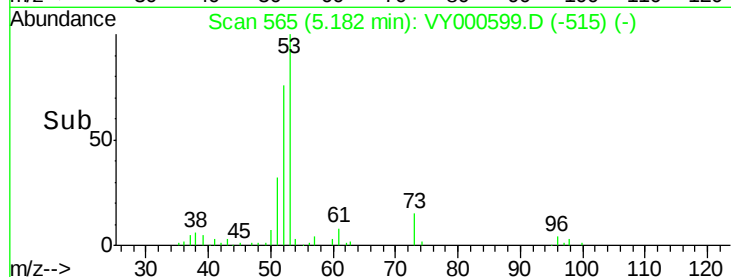
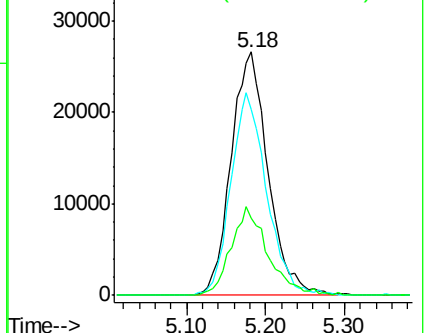
51 36.2 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000486.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 89.642 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000599.D

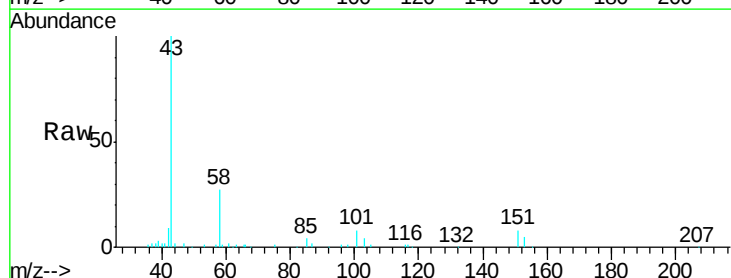
Acq: 07 Nov 2019 23:09

Tgt Ion: 43 Resp: 66826

Ion Ratio Lower Upper

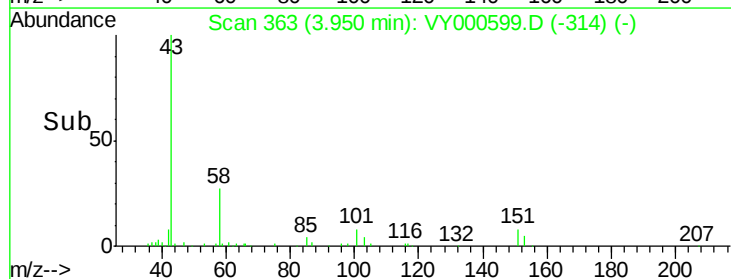
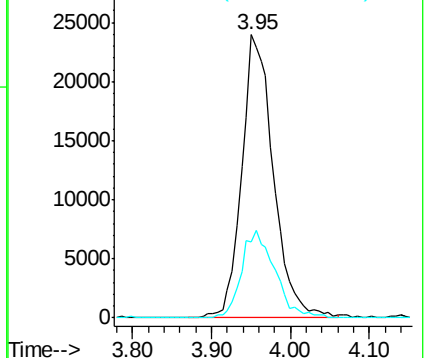
43 100

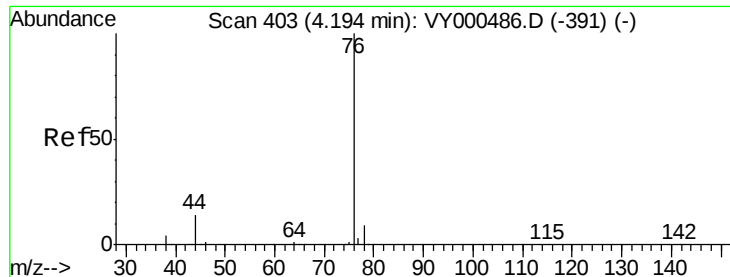
58 27.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)

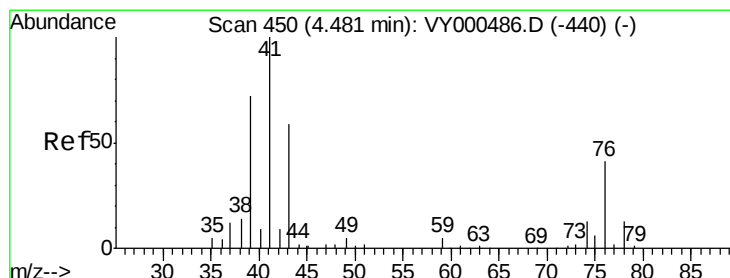
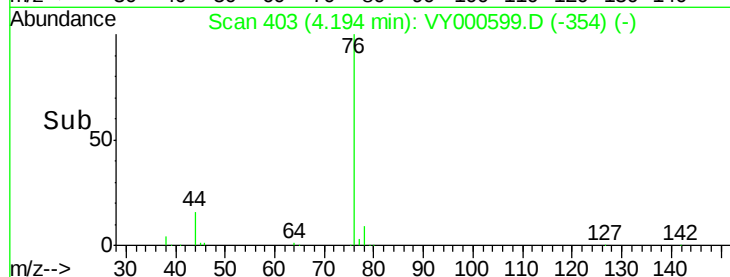
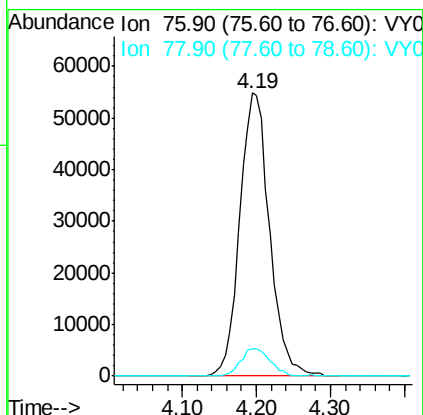
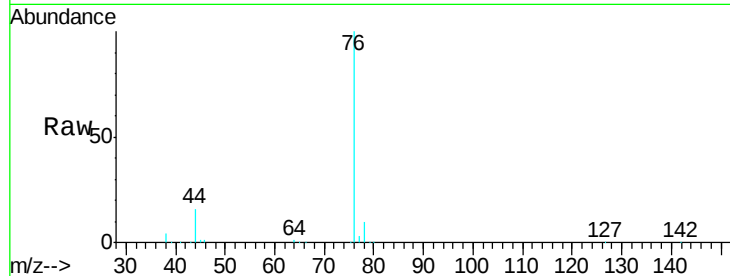




#17
Carbon Disulfide
Concen: 18.667 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

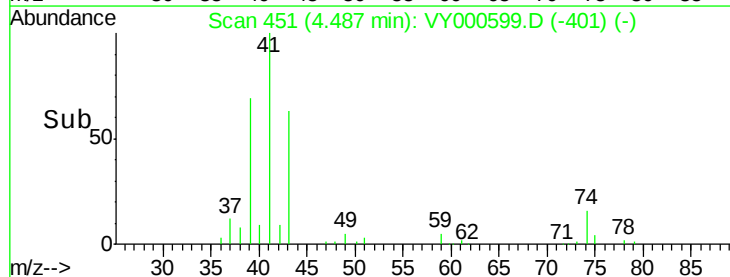
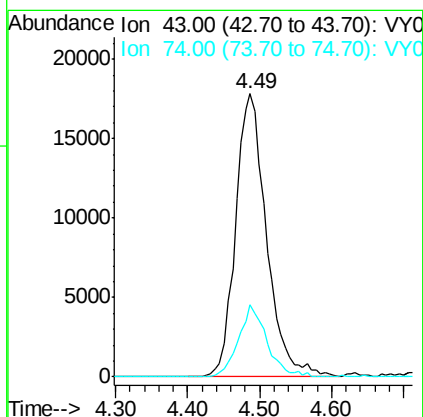
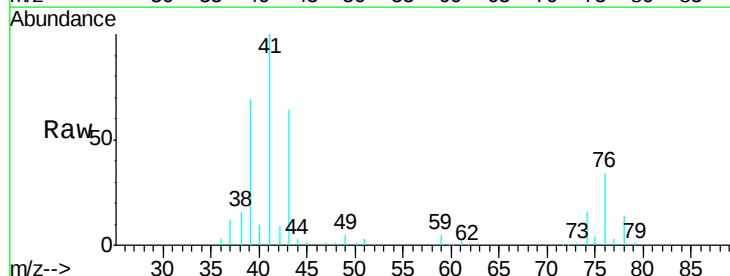
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

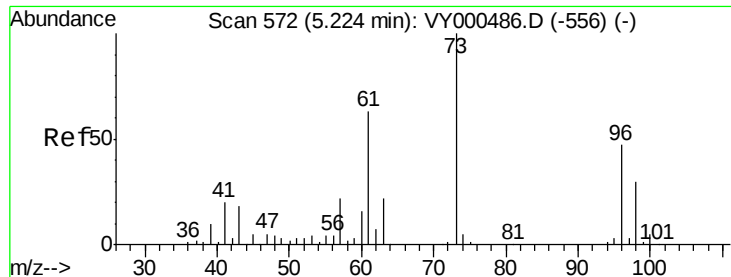
Tgt Ion: 76 Resp: 153714
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 22.927 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 43 Resp: 53144
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

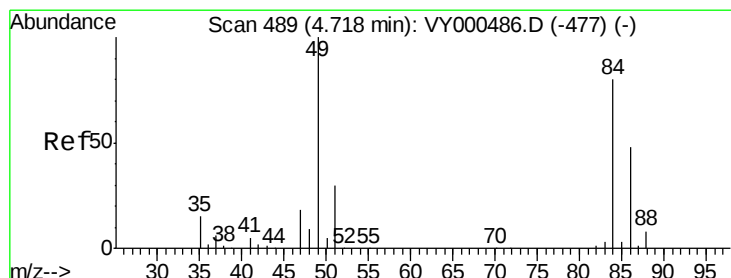
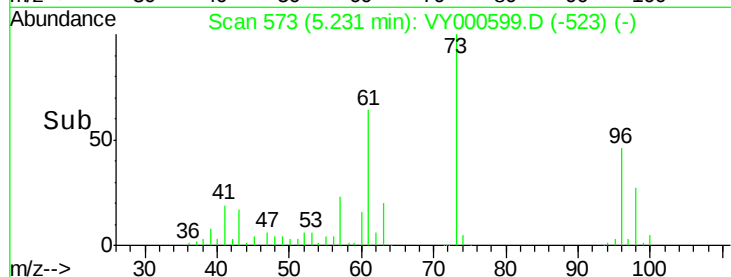
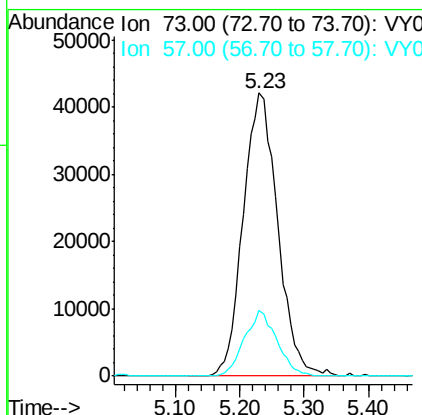
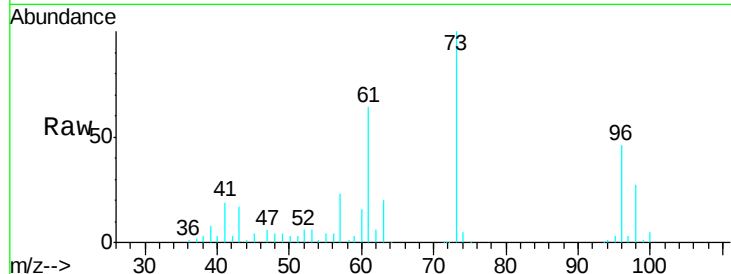




#19
Methyl tert-butyl Ether
Concen: 21.435 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

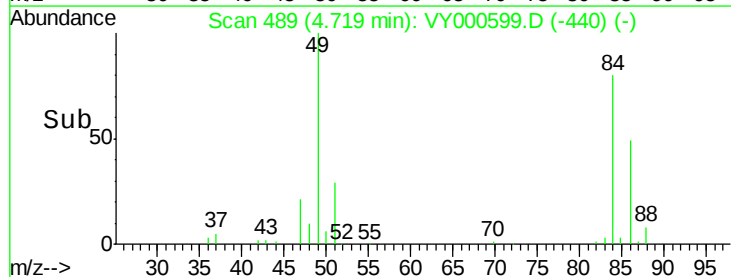
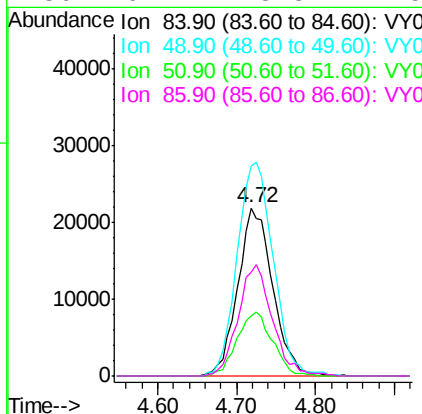
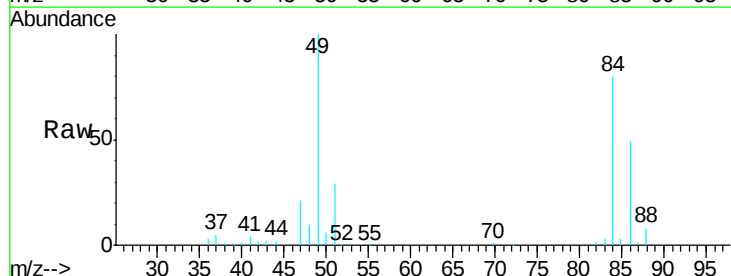
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

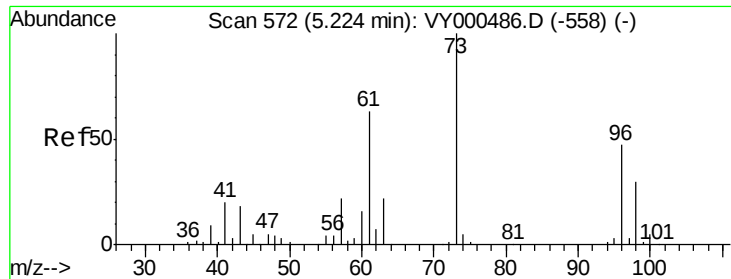
Tgt Ion: 73 Resp: 155594
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 21.095 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 84 Resp: 67383
Ion Ratio Lower Upper
84 100
49 124.8 100.2 150.4
51 35.8 29.6 44.4
86 61.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.261 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

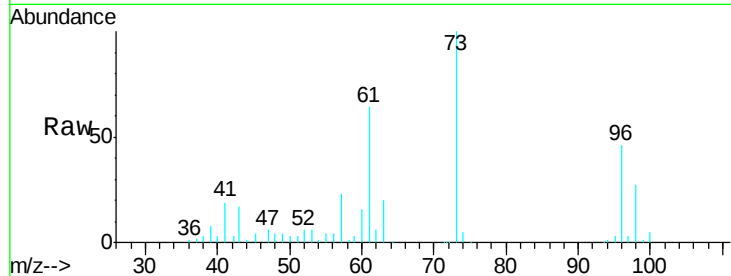
Tgt Ion: 96 Resp: 59800

Ion Ratio Lower Upper

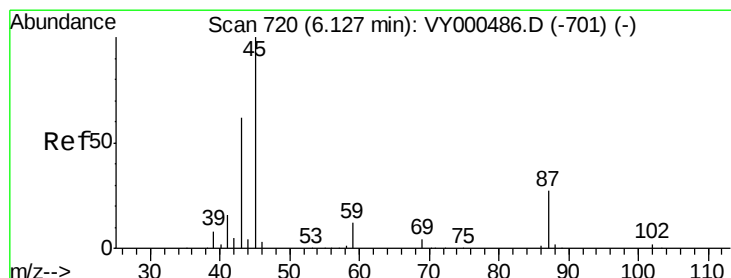
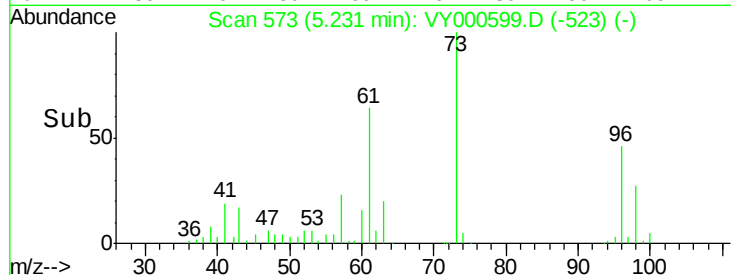
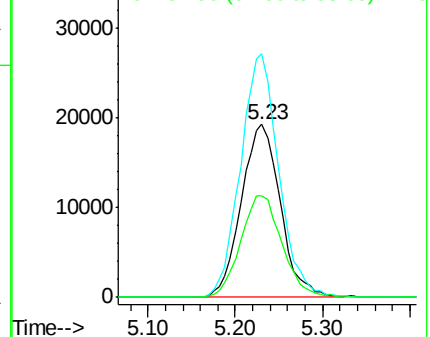
96 100

61 141.0 106.6 160.0

98 58.7 50.6 76.0



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



#22

Diisopropyl ether

Concen: 21.319 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Tgt Ion: 45 Resp: 196711

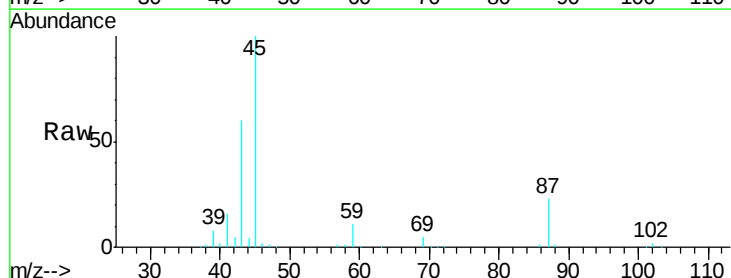
Ion Ratio Lower Upper

45 100

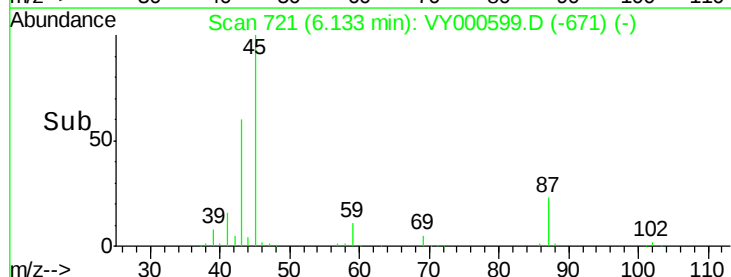
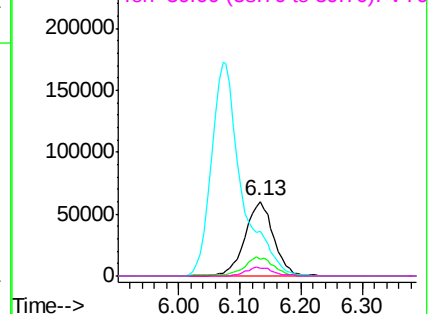
43 59.2 50.0 75.0

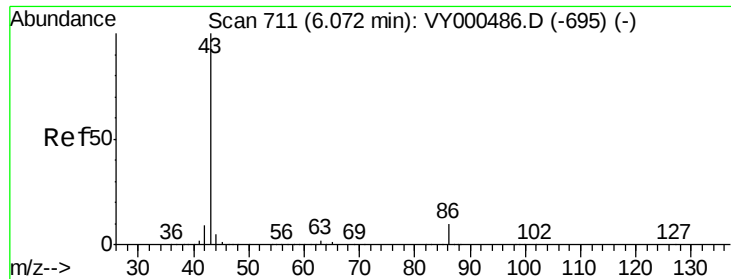
87 22.6 21.6 32.4

59 11.1 9.5 14.3



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

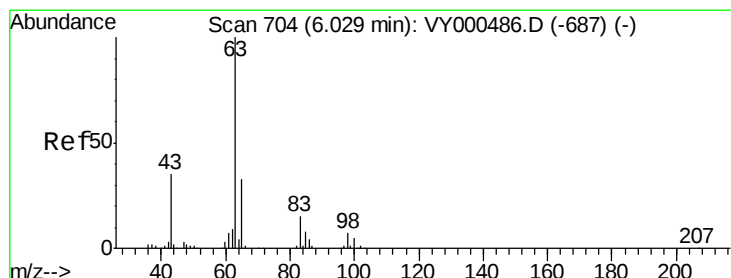
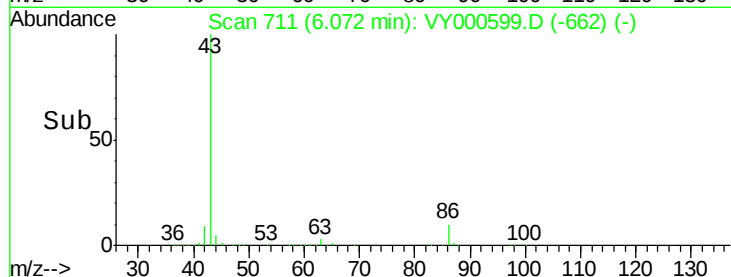
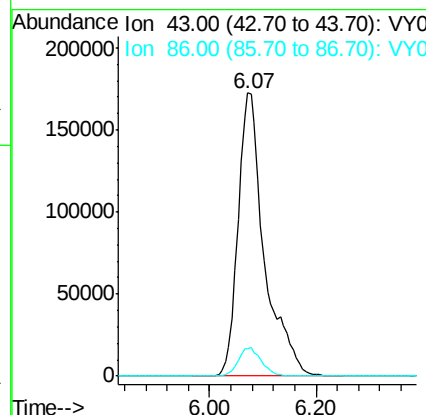
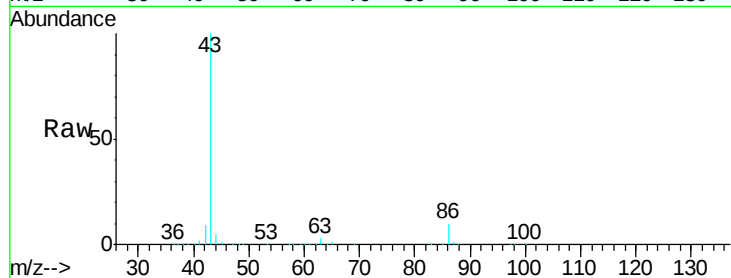




#23
 Vinyl Acetate
 Concen: 102.258 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

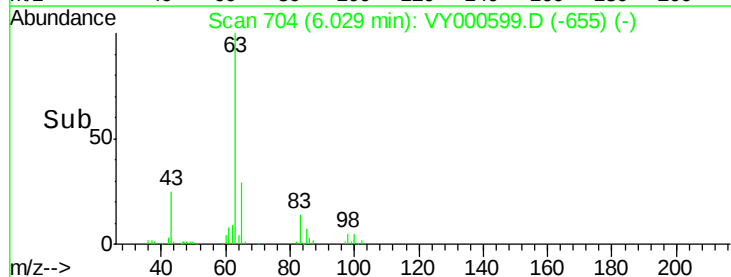
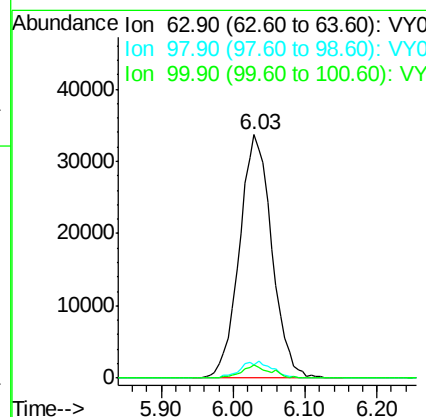
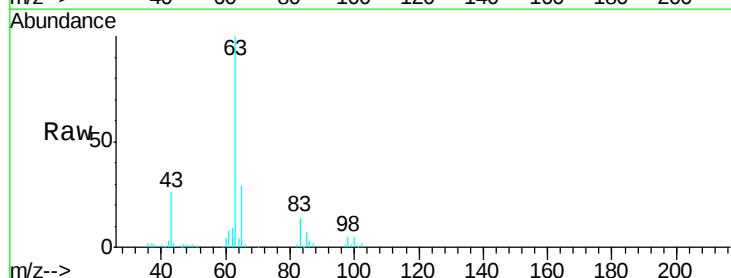
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

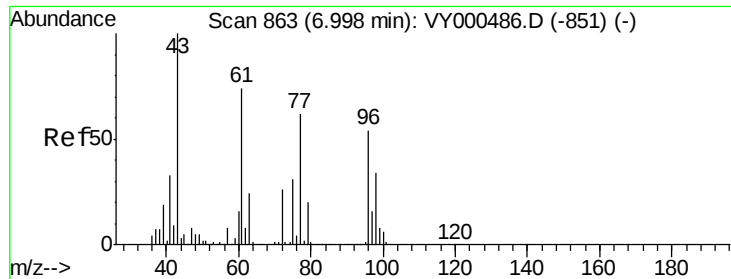
Tgt Ion: 43 Resp: 595626
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 21.037 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 63 Resp: 105160
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.6
 100 5.3 2.4 7.1





#25

2-Butanone

Concen: 98.101 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

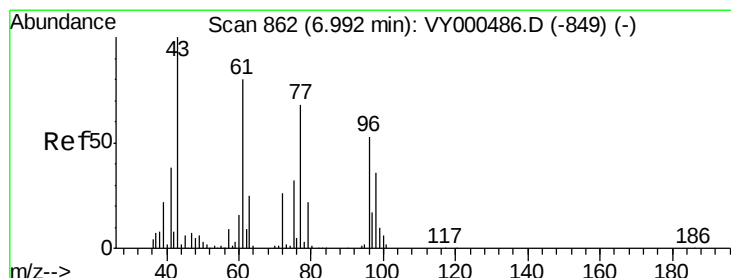
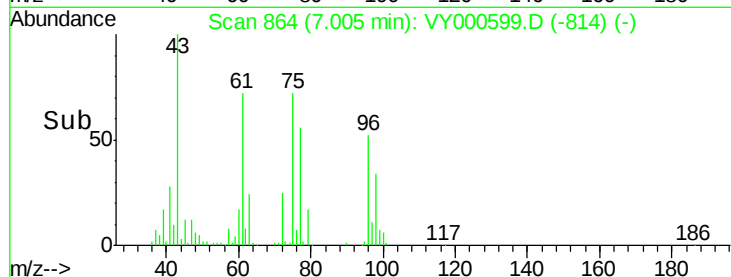
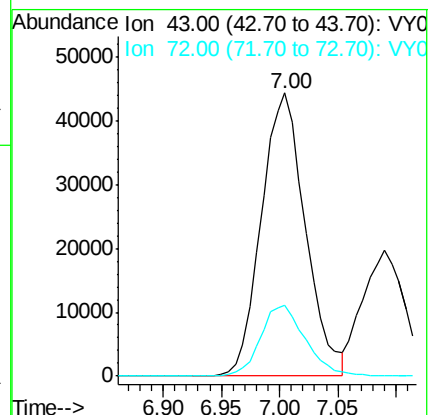
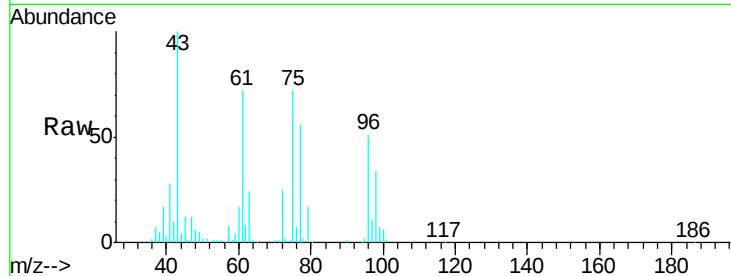
VY1107SBS02

Tgt Ion: 43 Resp: 116713

Ion Ratio Lower Upper

43 100

72 25.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 18.305 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000599.D

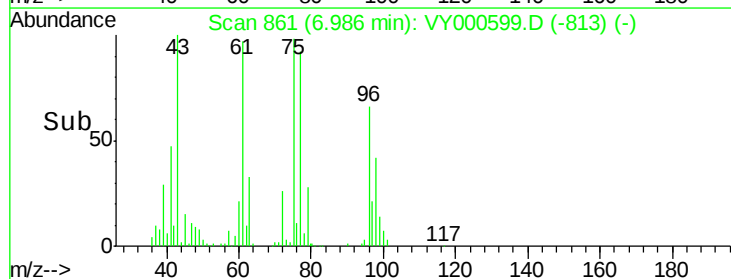
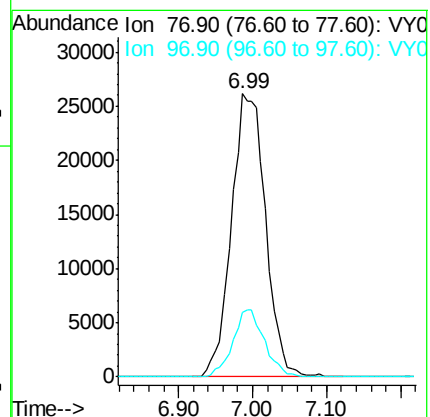
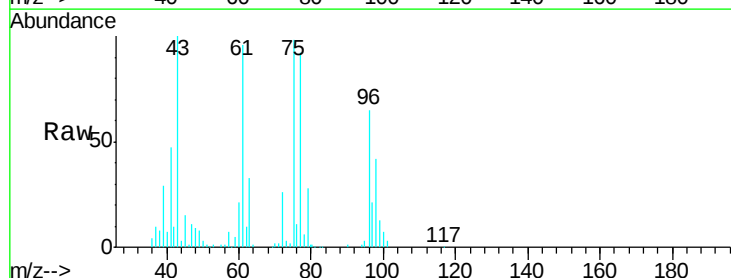
Acq: 07 Nov 2019 23:09

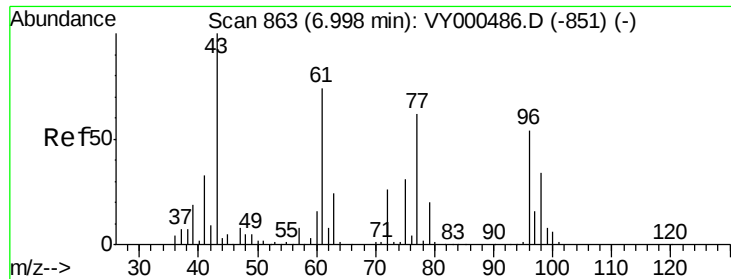
Tgt Ion: 77 Resp: 83623

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.4



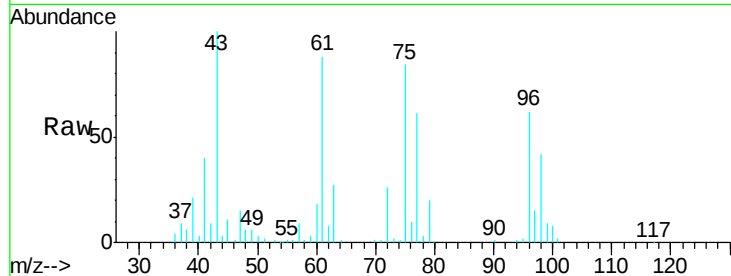


#27

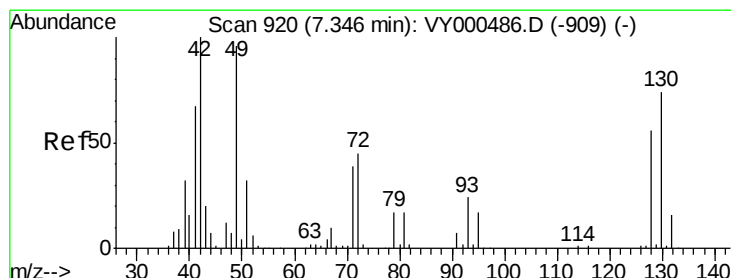
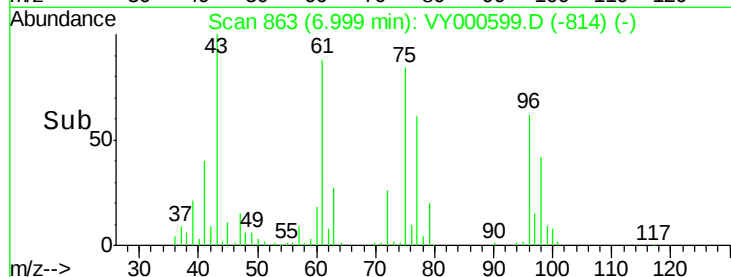
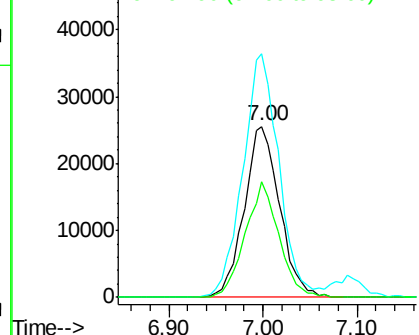
cis-1,2-Dichloroethene
Concen: 20.807 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 96 Resp: 67152
Ion Ratio Lower Upper
96 100
61 145.8 0.0 287.0
98 64.6 0.0 129.4



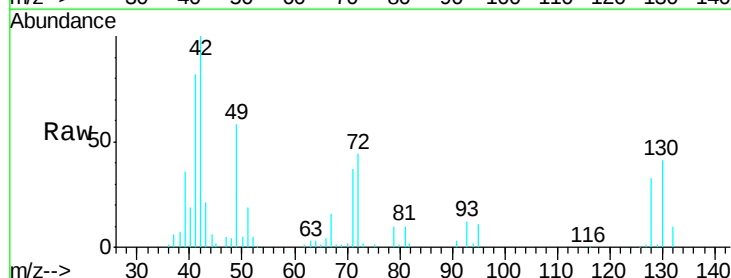
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



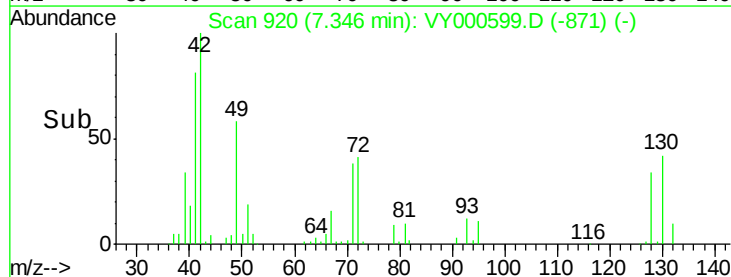
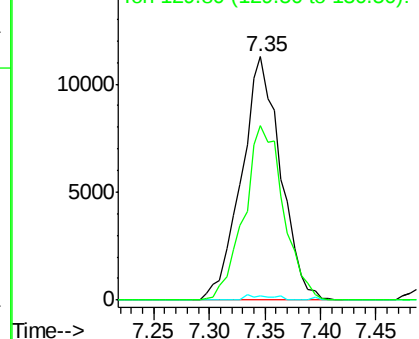
#28

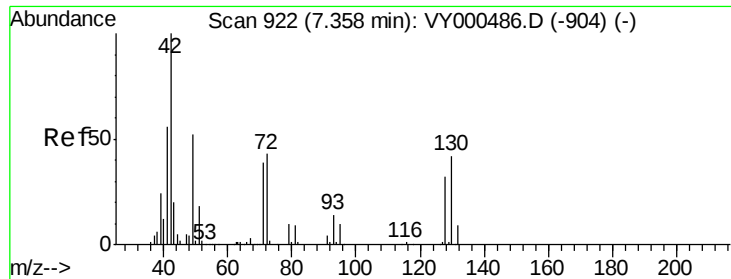
Bromochloromethane
Concen: 15.171 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 49 Resp: 27508
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 72.0 59.4 89.0



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

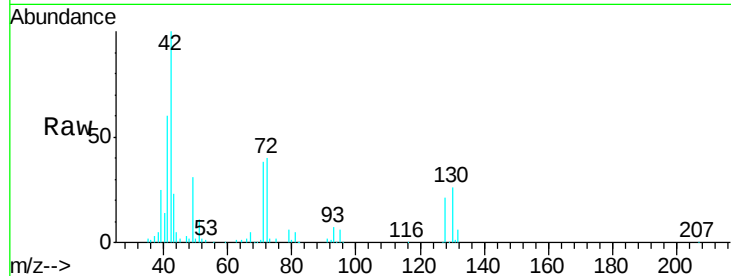




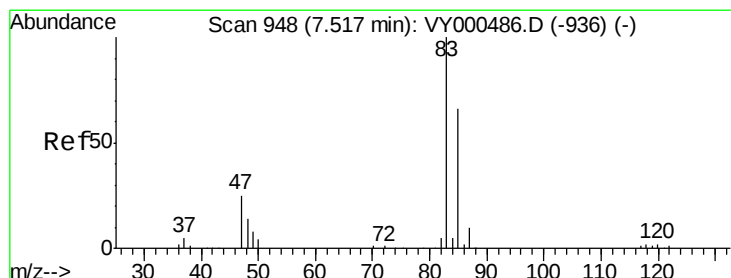
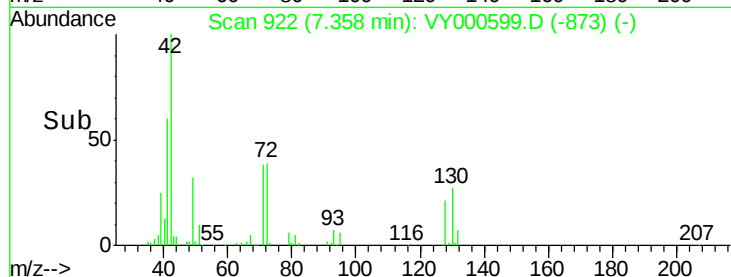
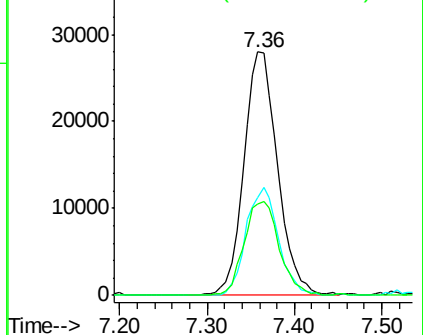
#29
Tetrahydrofuran
Concen: 102.855 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 42 Resp: 74861
Ion Ratio Lower Upper
42 100
72 42.6 34.0 51.0
71 40.3 30.8 46.2

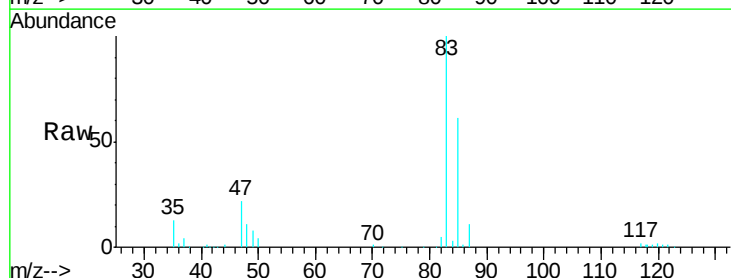


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

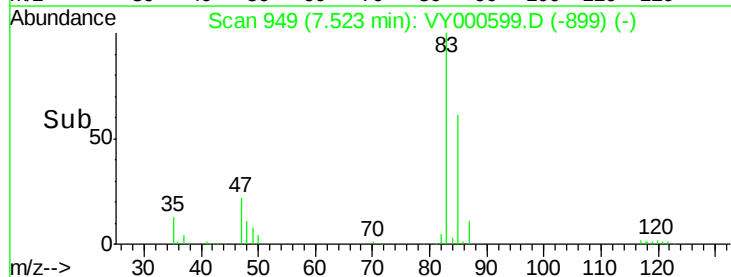
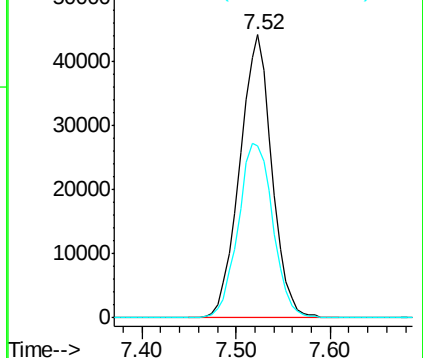


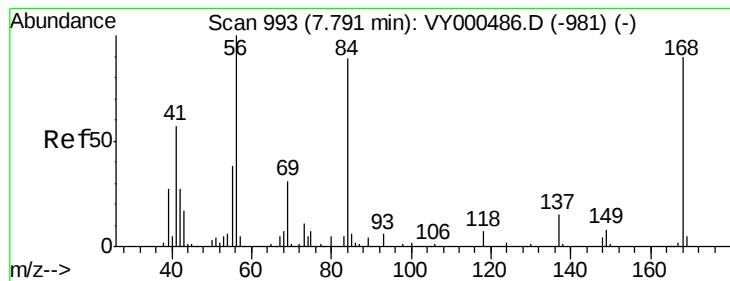
#30
Chloroform
Concen: 20.833 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 83 Resp: 105351
Ion Ratio Lower Upper
83 100
85 60.8 53.0 79.4



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





#31

Cyclohexane

Concen: 19.087 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

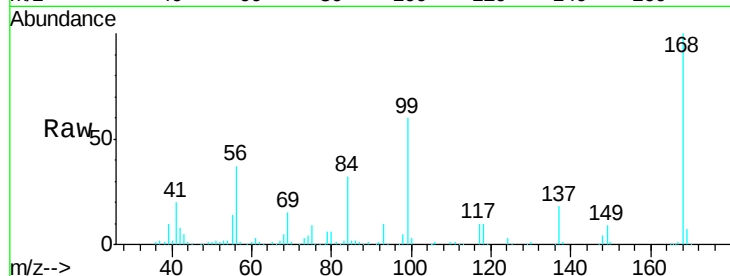
Tgt Ion: 56 Resp: 99931

Ion Ratio Lower Upper

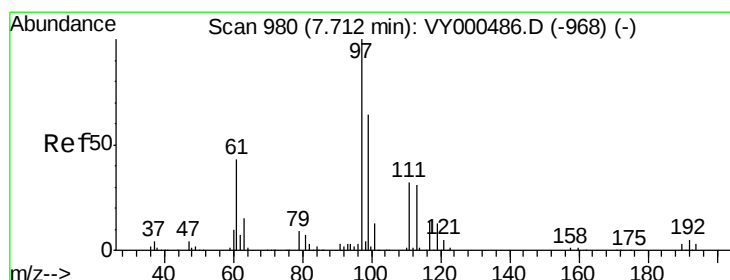
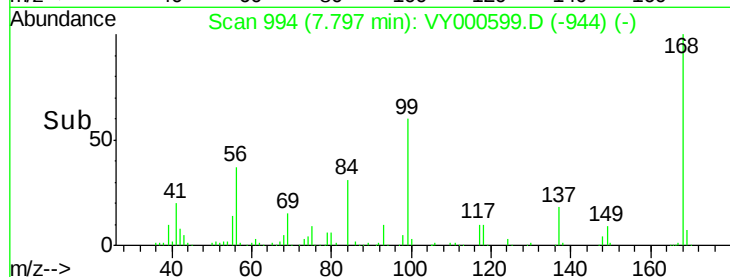
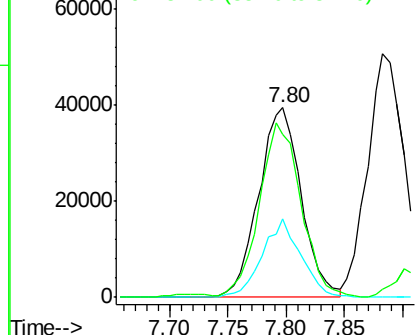
56 100

69 41.2 25.0 37.6#

84 84.4 71.4 107.2



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: 19.713 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

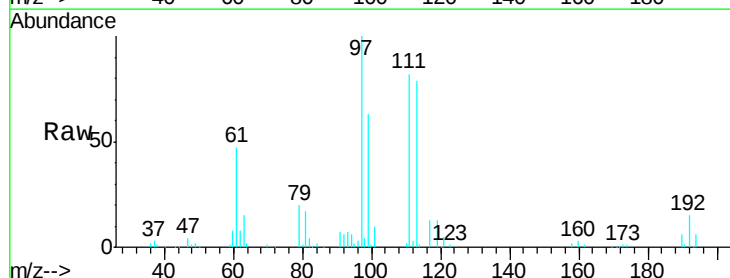
Tgt Ion: 97 Resp: 88841

Ion Ratio Lower Upper

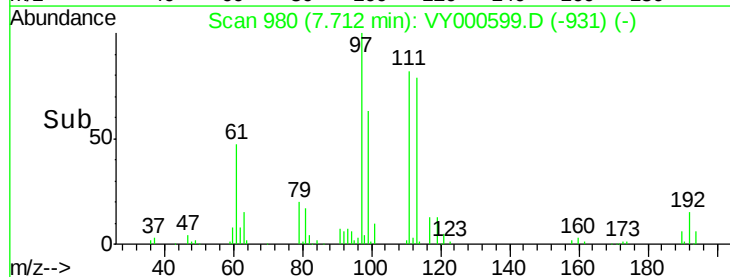
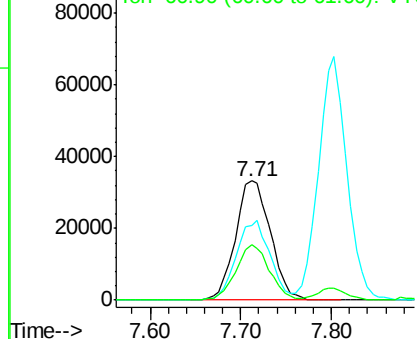
97 100

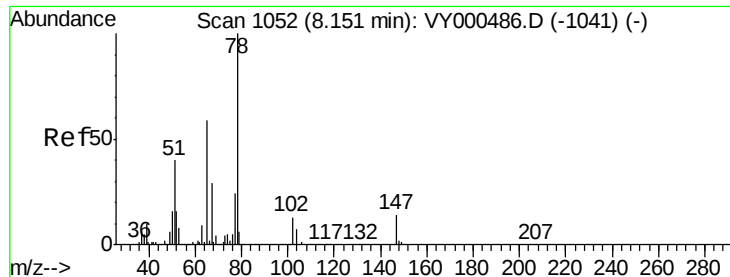
99 64.0 50.9 76.3

61 44.8 34.9 52.3



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

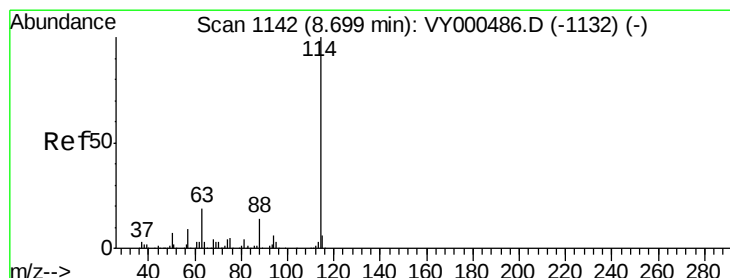
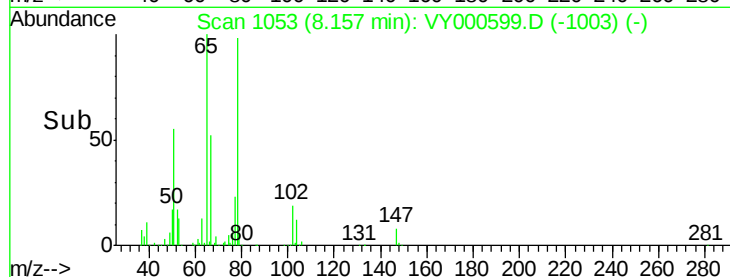
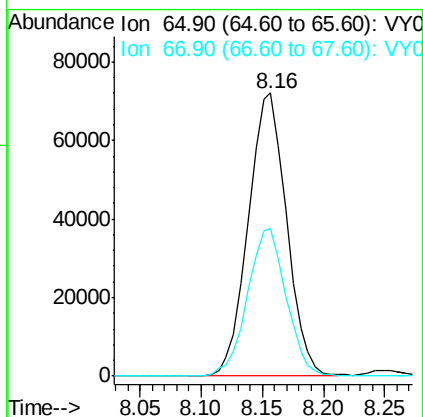
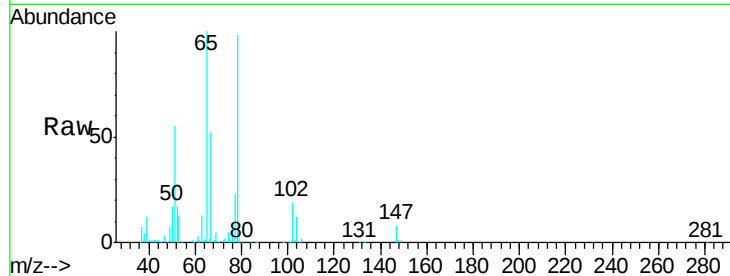




#33
 1,2-Dichloroethane-d4
 Concen: 58.137 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

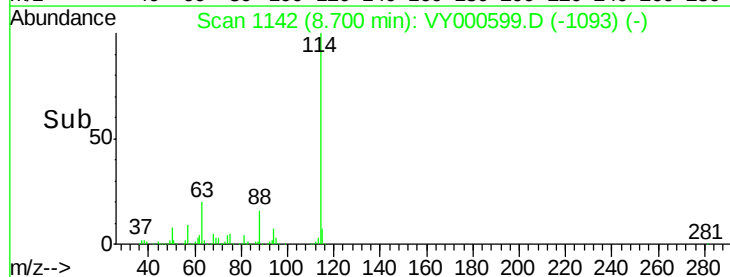
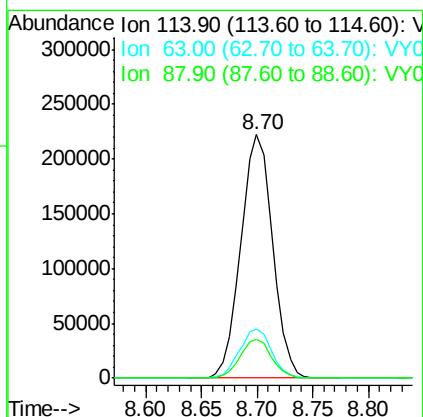
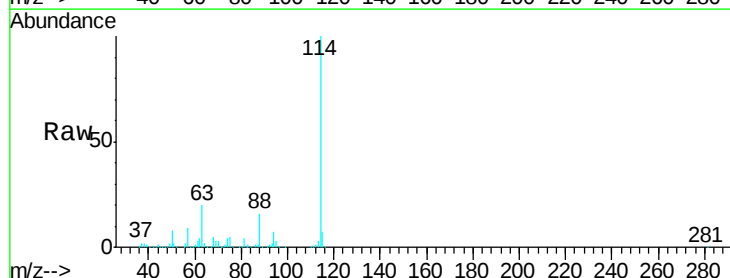
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

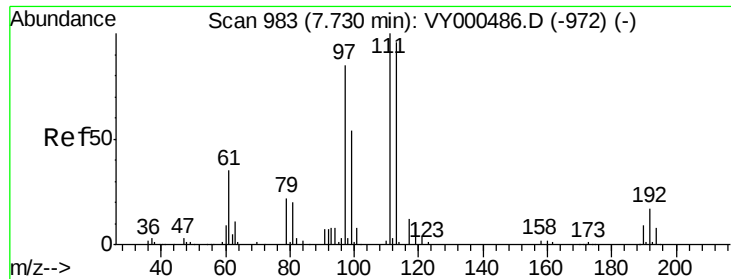
Tgt Ion: 65 Resp: 157249
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 114 Resp: 441513
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.7 0.0 28.6

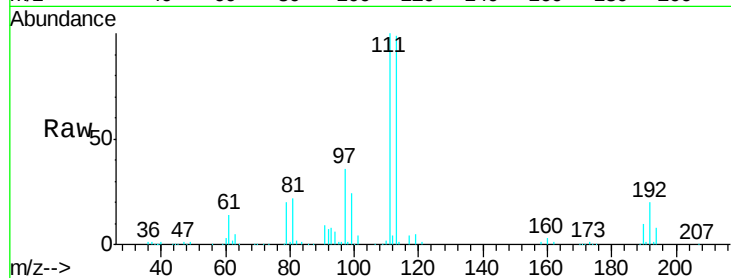




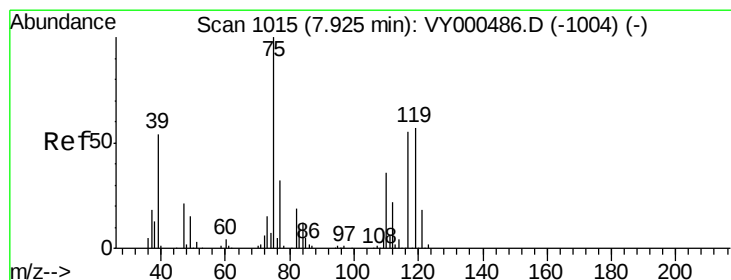
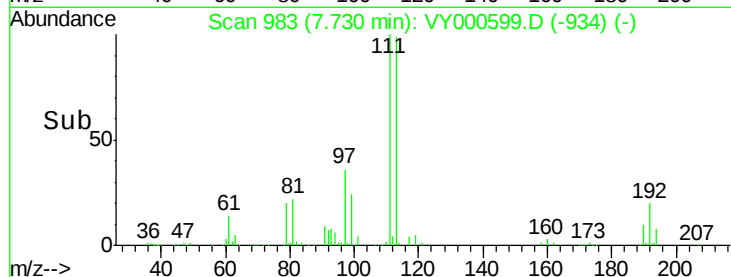
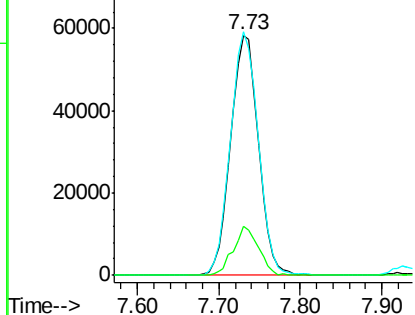
#35
Dibromofluoromethane
Concen: 52.856 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion:113 Resp: 137002
Ion Ratio Lower Upper
113 100
111 101.7 81.7 122.5
192 18.6 15.0 22.4

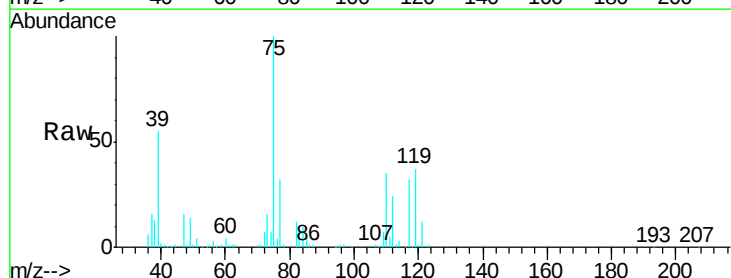


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

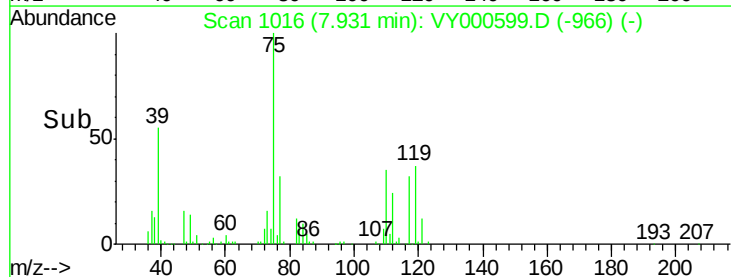
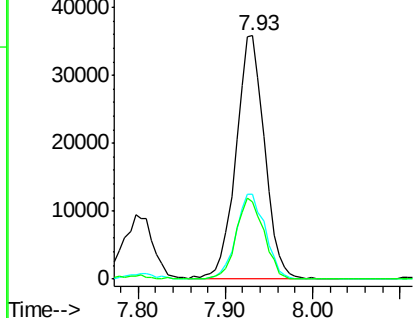


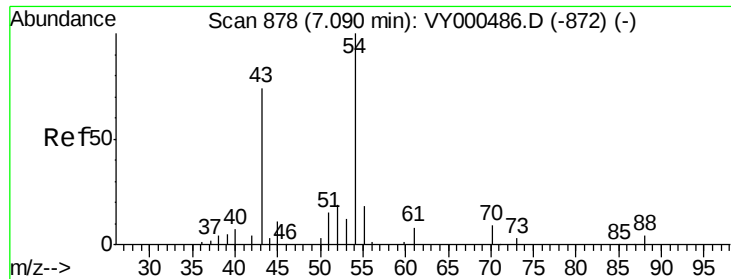
#36
1,1-Dichloropropene
Concen: 19.592 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 75 Resp: 81772
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.1
77 32.4 25.0 37.6



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

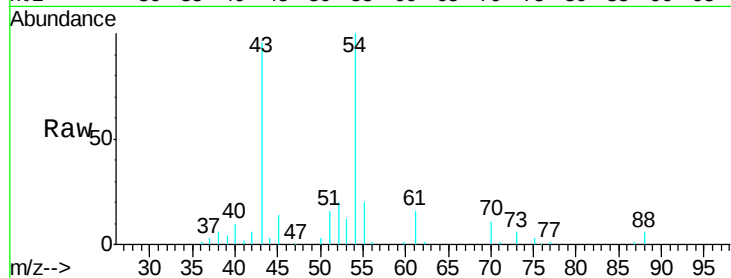




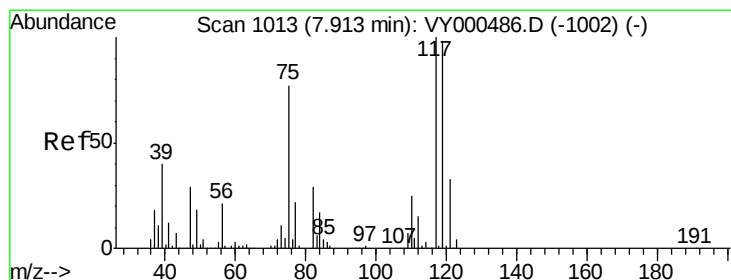
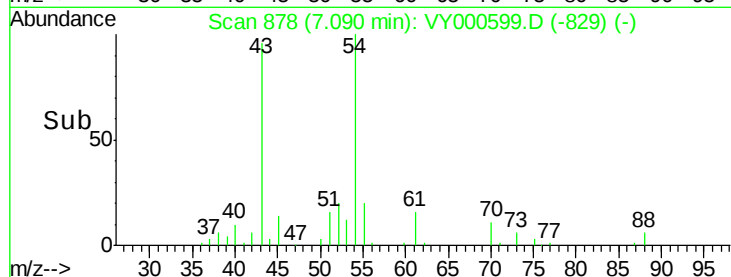
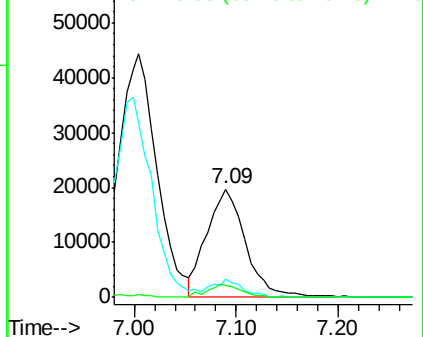
#37
Ethyl Acetate
Concen: 21.006 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 43 Resp: 52054
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 10.6 7.8 11.8

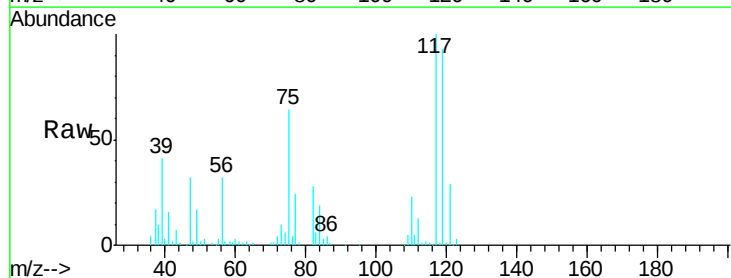


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

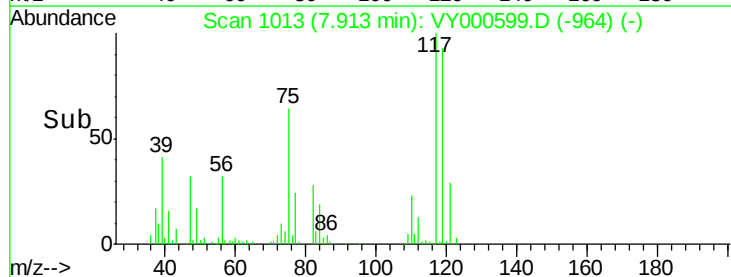
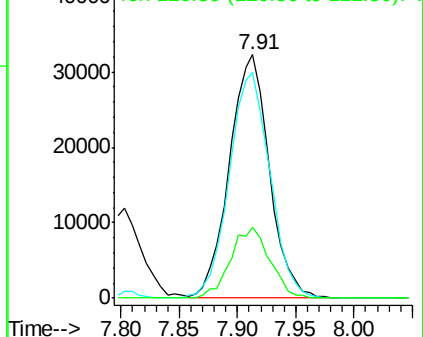


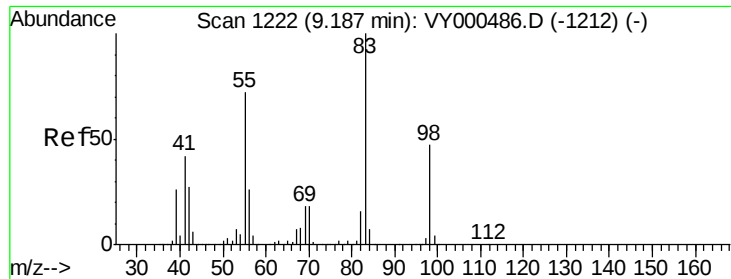
#38
Carbon Tetrachloride
Concen: 19.157 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 117 Resp: 76939
Ion Ratio Lower Upper
117 100
119 92.5 78.0 117.0
121 29.3 26.6 40.0



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

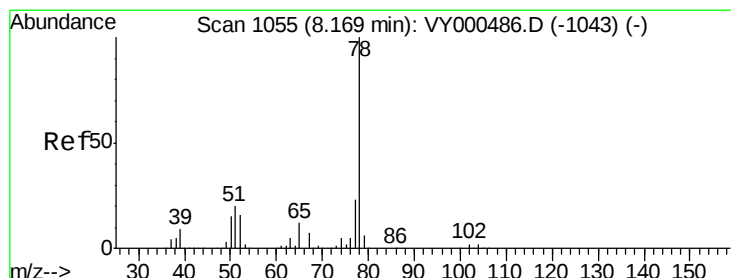
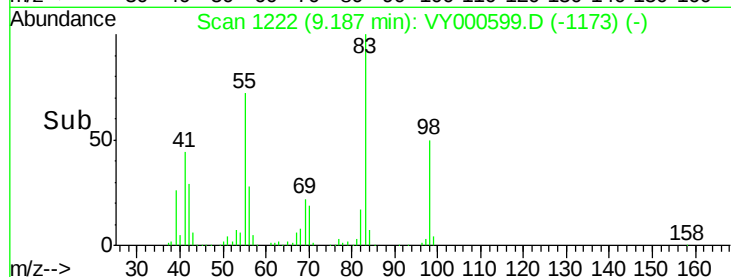
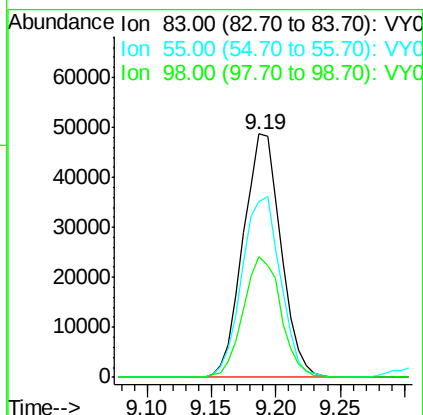
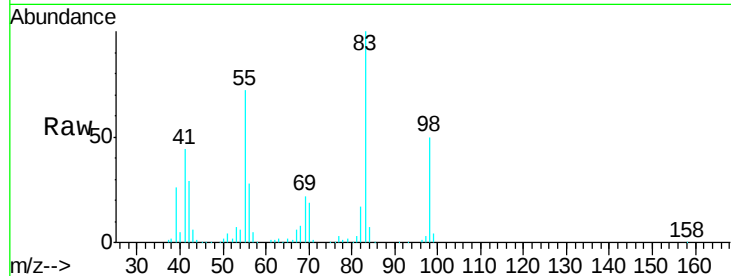




#39
Methylcyclohexane
Concen: 18.304 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

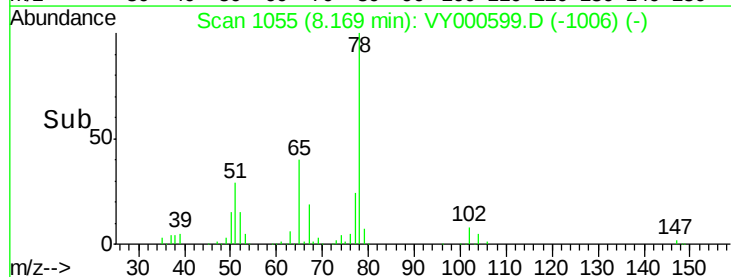
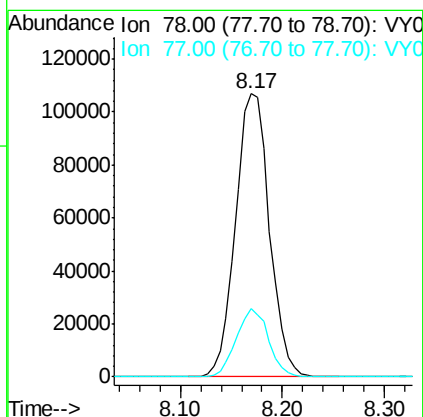
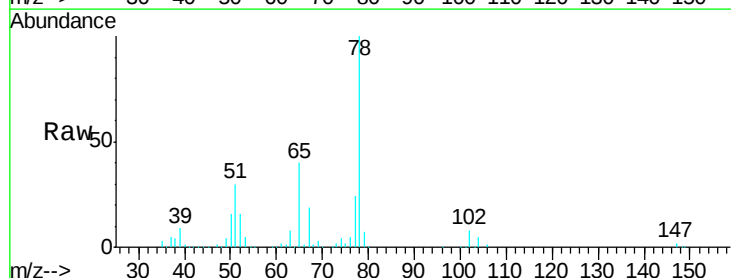
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

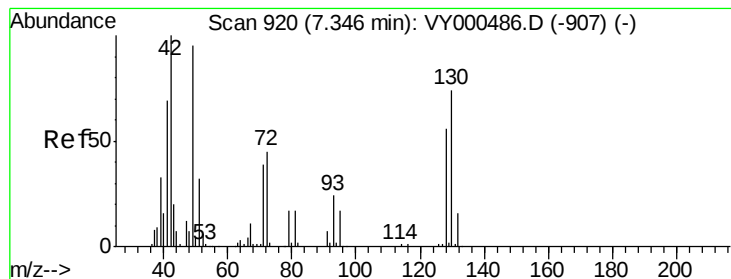
Tgt Ion: 83 Resp: 98701
Ion Ratio Lower Upper
83 100
55 72.2 57.5 86.3
98 49.8 38.0 57.0



#40
Benzene
Concen: 20.113 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 78 Resp: 246114
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0





#41

Methacrylonitrile

Concen: 51.022 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 41 Resp: 70532

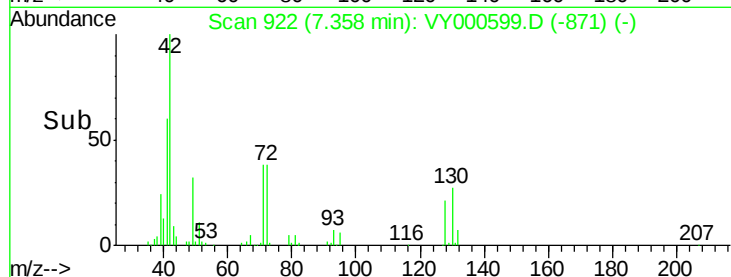
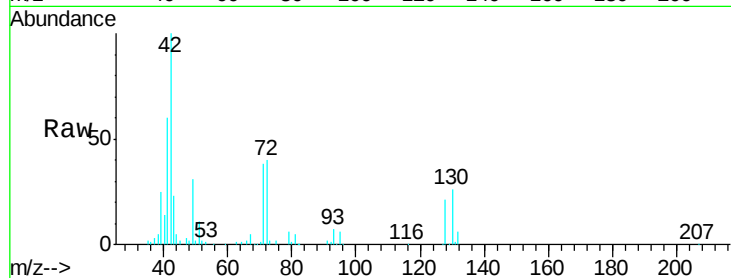
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

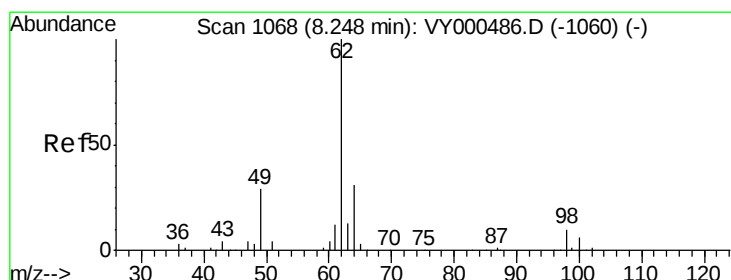
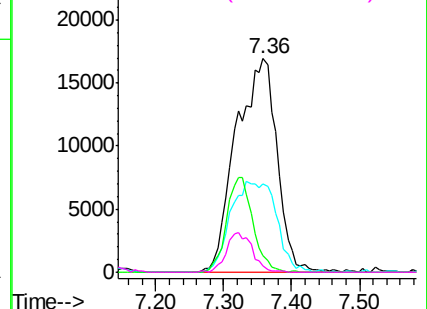


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.443 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000599.D

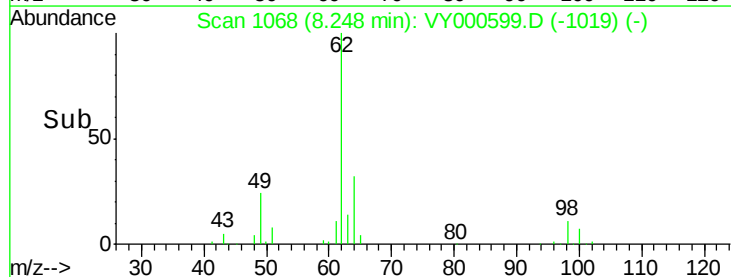
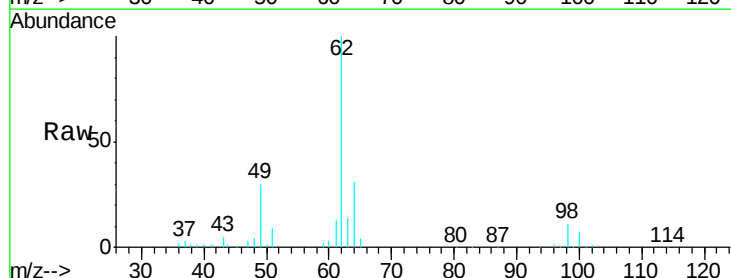
Acq: 07 Nov 2019 23:09

Tgt Ion: 62 Resp: 74422

Ion Ratio Lower Upper

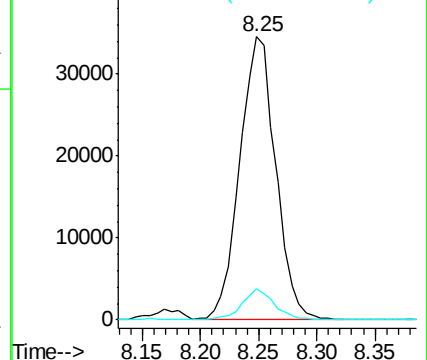
62 100

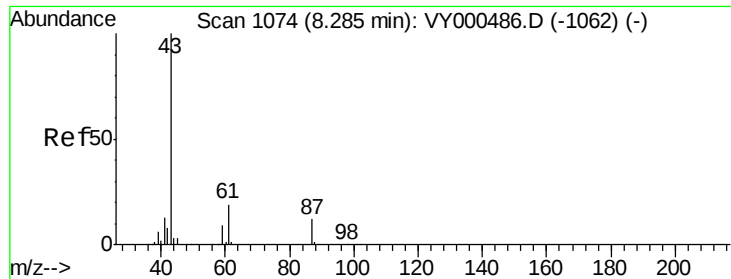
98 9.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.995 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

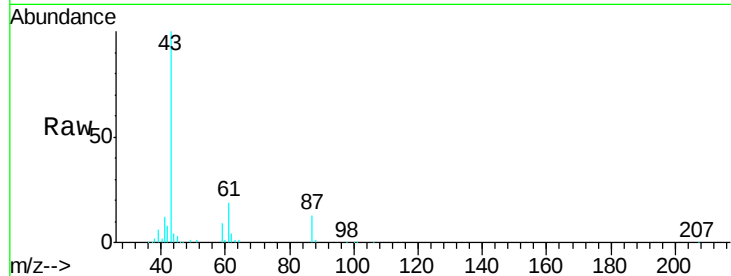
Tgt Ion: 43 Resp: 97731

Ion Ratio Lower Upper

43 100

61 28.3 23.0 34.4

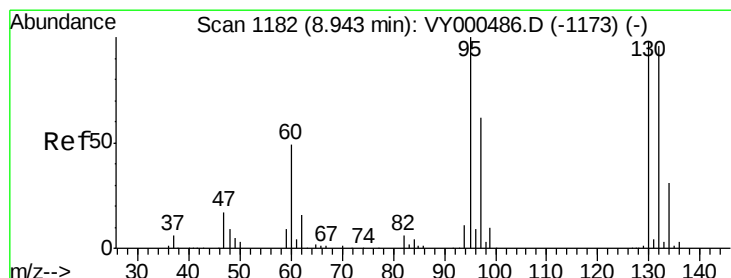
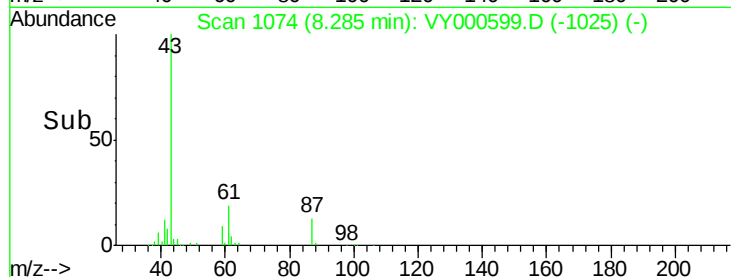
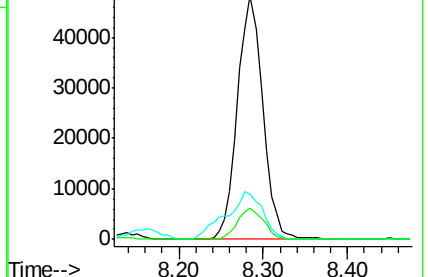
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 19.676 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000599.D

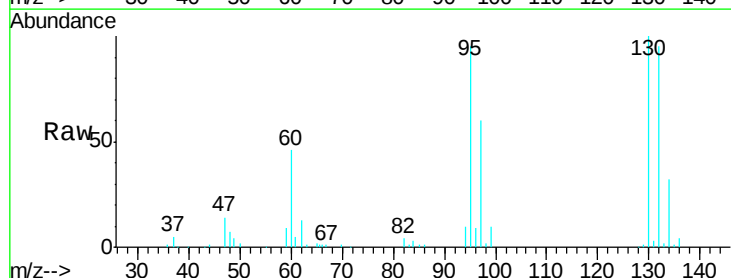
Acq: 07 Nov 2019 23:09

Tgt Ion: 130 Resp: 63482

Ion Ratio Lower Upper

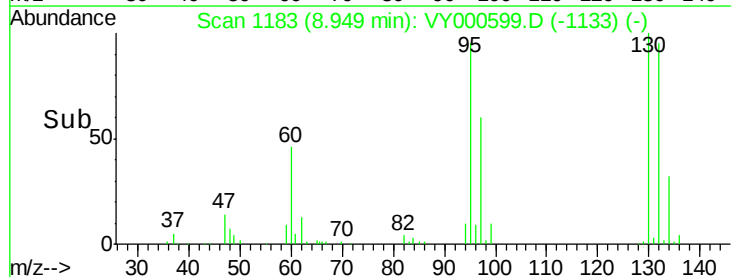
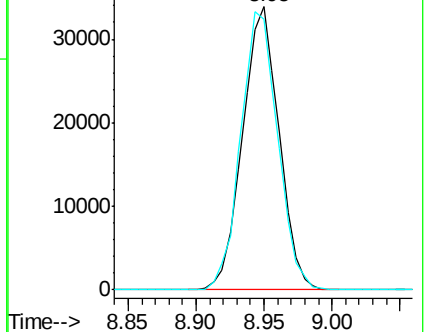
130 100

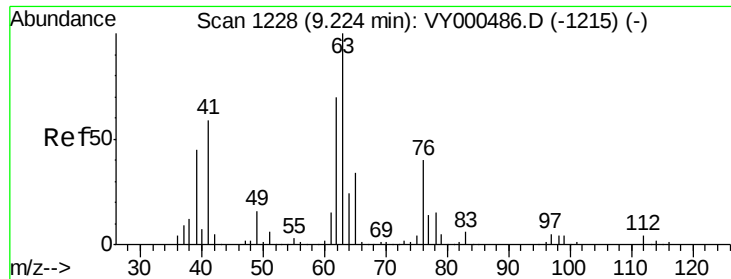
95 95.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

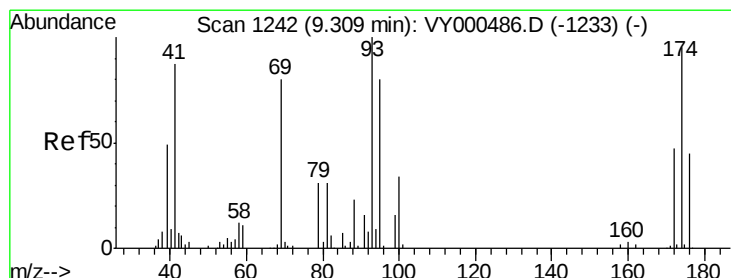
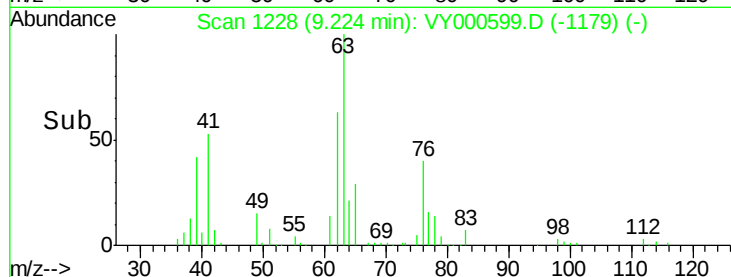
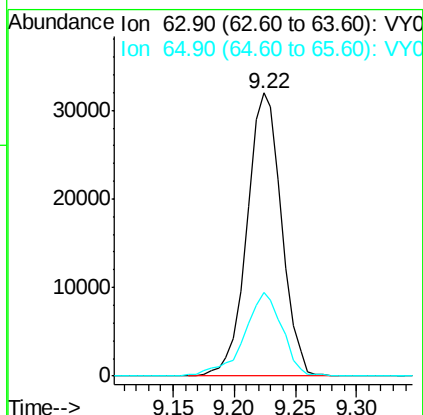
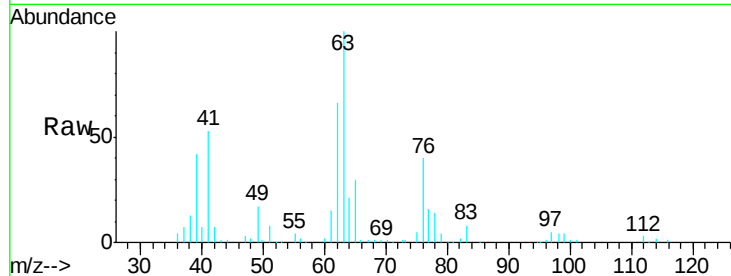




#45
 1,2-Dichloropropane
 Concen: 20.859 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

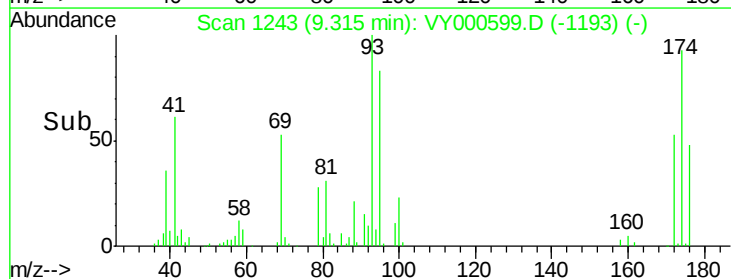
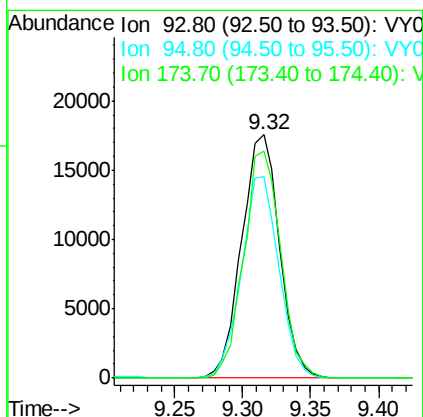
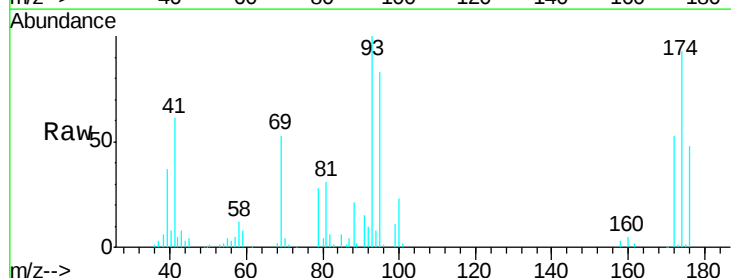
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

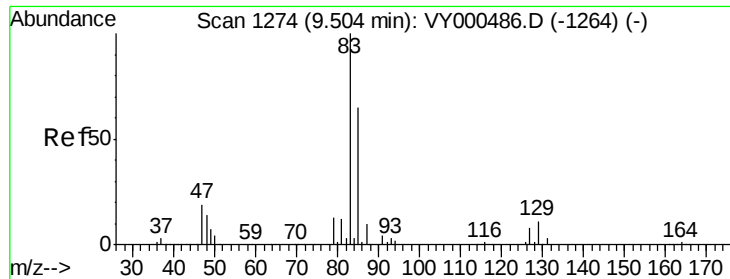
Tgt Ion: 63 Resp: 62822
 Ion Ratio Lower Upper
 63 100
 65 29.7 27.0 40.4



#46
 Dibromomethane
 Concen: 20.690 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 93 Resp: 34269
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.4 99.6
 174 91.0 77.1 115.7





#47

Bromodichloromethane

Concen: 20.173 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

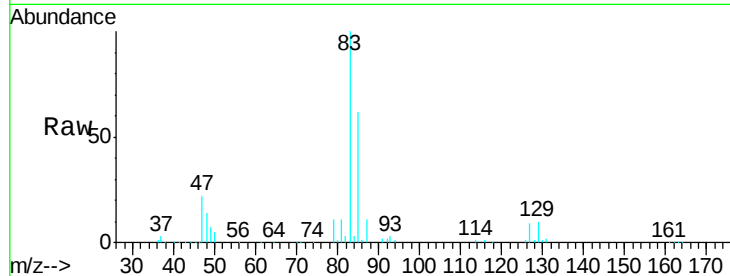
Tgt Ion: 83 Resp: 79283

Ion Ratio Lower Upper

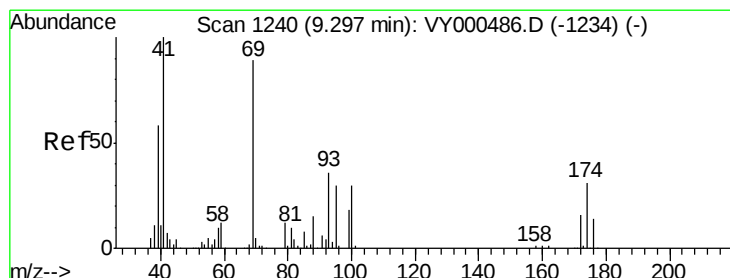
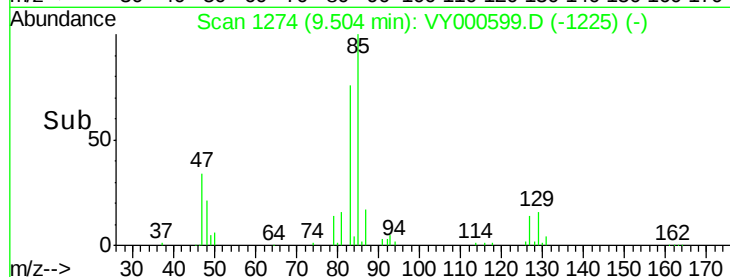
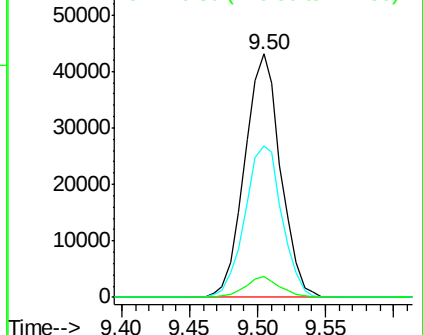
83 100

85 62.5 51.8 77.8

127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.660 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

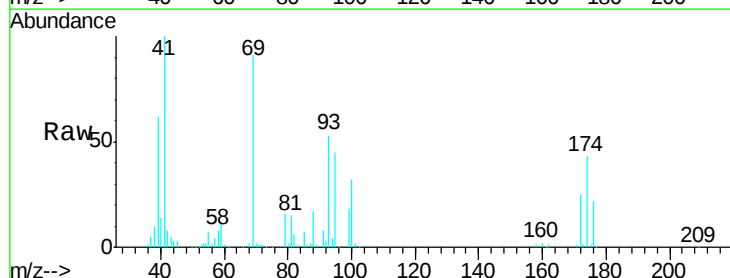
Tgt Ion: 41 Resp: 42019

Ion Ratio Lower Upper

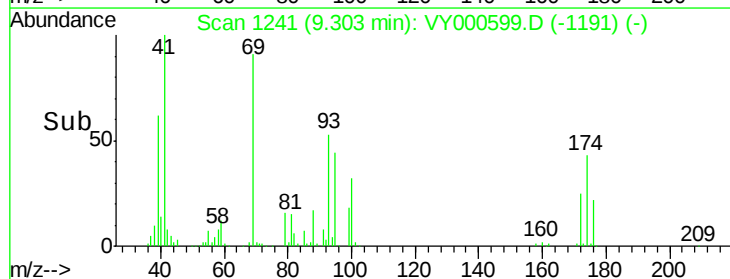
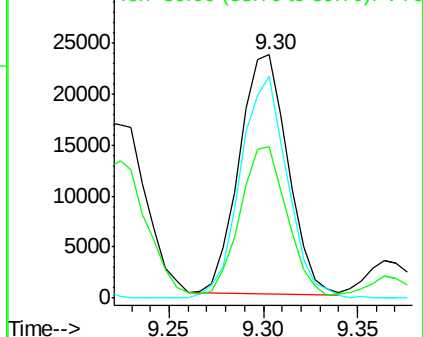
41 100

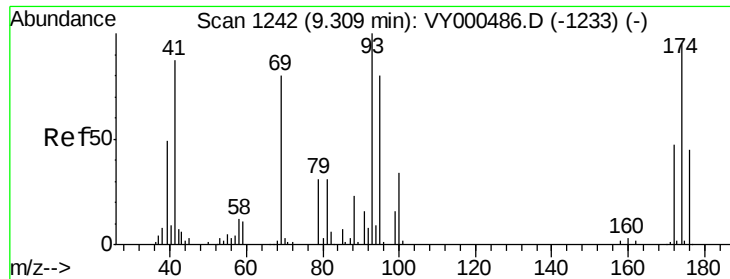
69 89.4 72.5 108.7

39 62.4 47.8 71.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

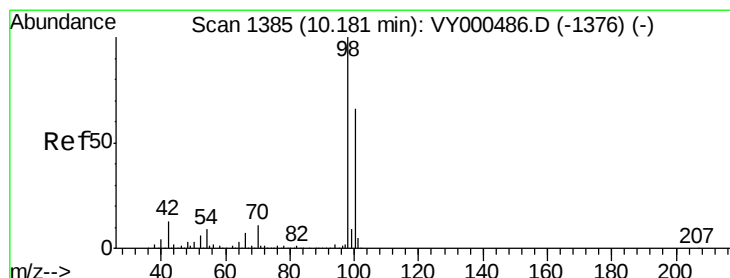
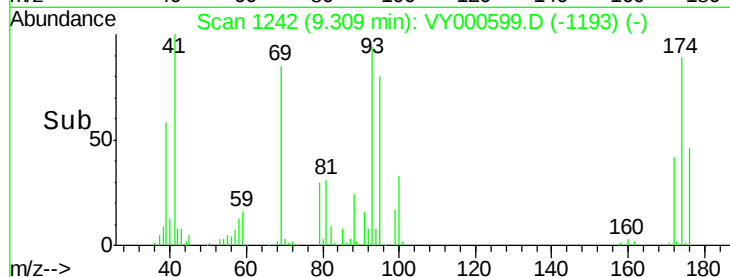
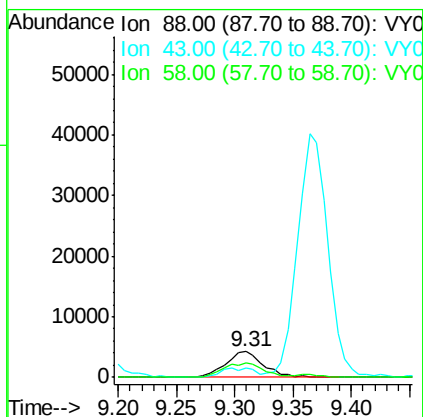
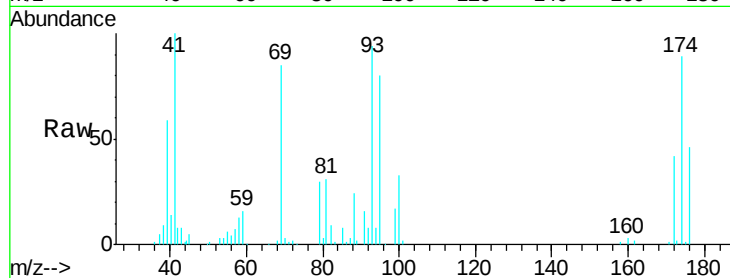




#49
 1,4-Dioxane
 Concen: 429.894 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

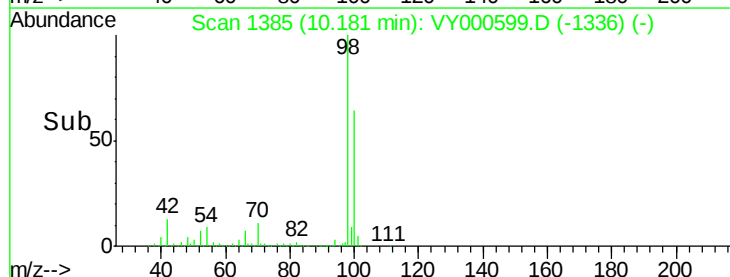
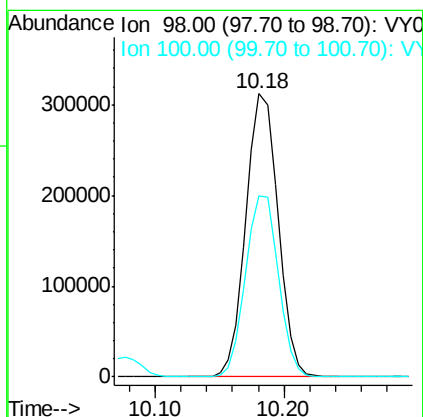
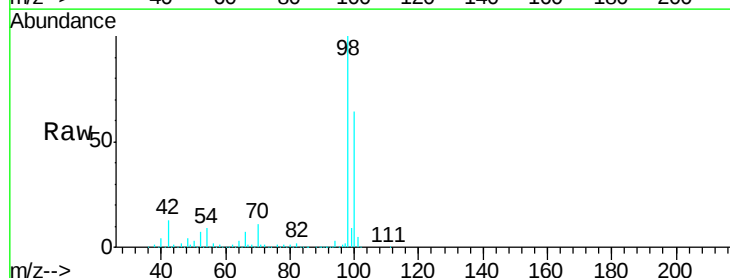
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion: 88 Resp: 9583
 Ion Ratio Lower Upper
 88 100
 43 32.8 25.1 37.7
 58 59.1 50.6 75.8



#50
 Toluene-d8
 Concen: 54.696 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 98 Resp: 537942
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.9 79.3

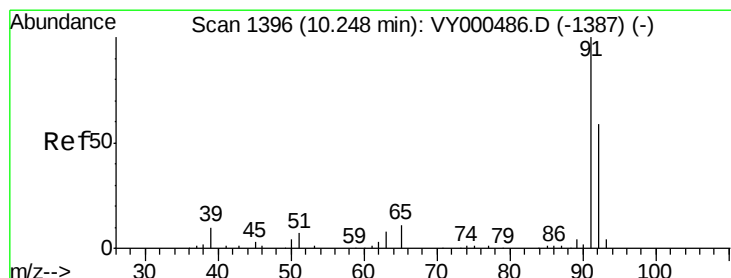
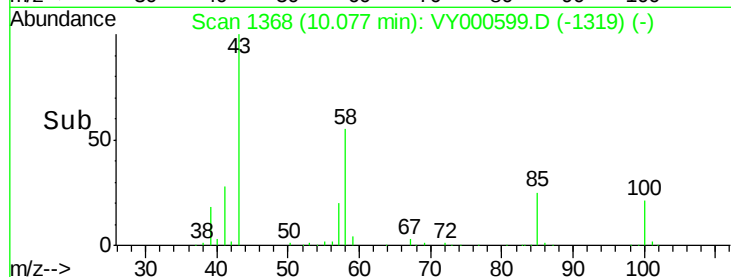
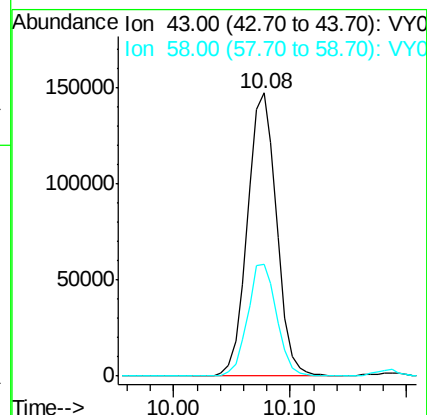
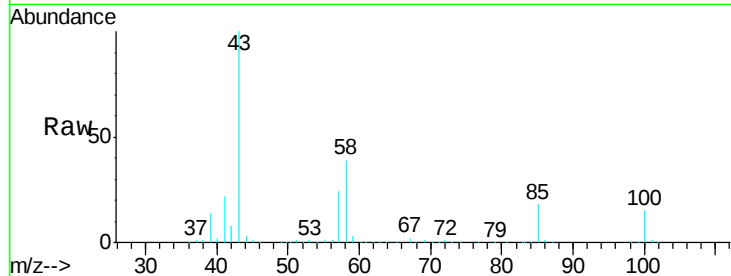




#51
4-Methyl-2-Pentanone
Concen: 103.591 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

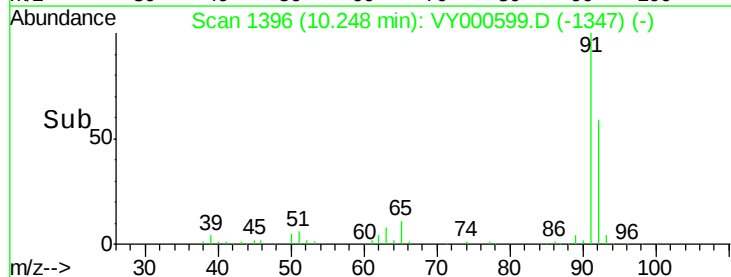
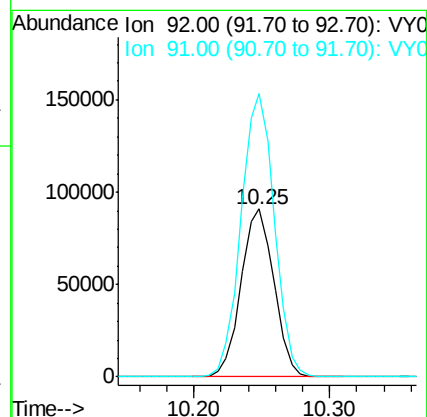
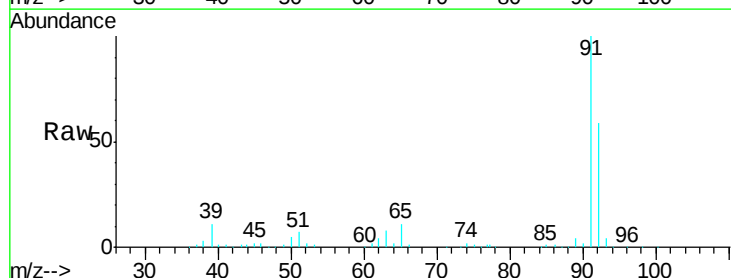
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

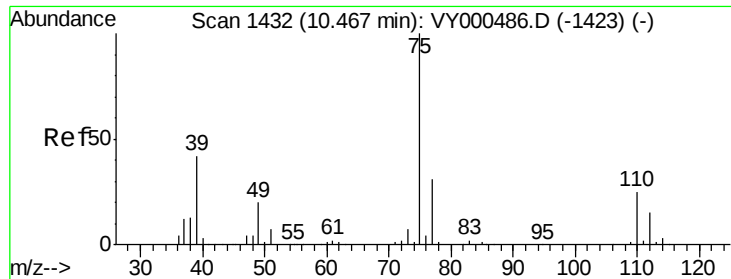
Tgt Ion: 43 Resp: 256381
Ion Ratio Lower Upper
43 100
58 39.5 30.2 45.4



#52
Toluene
Concen: 19.871 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 92 Resp: 153735
Ion Ratio Lower Upper
92 100
91 170.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.926 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

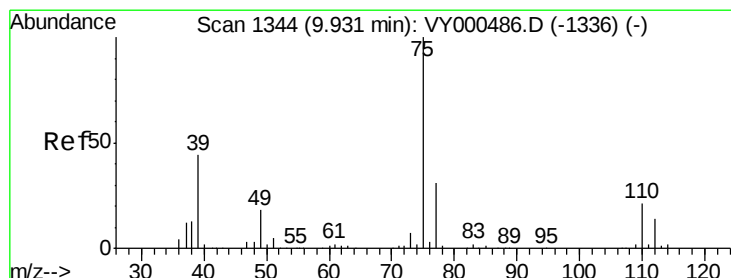
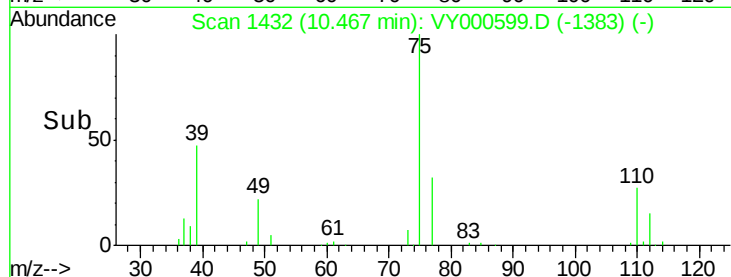
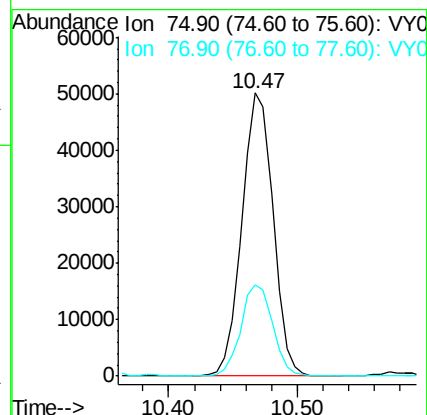
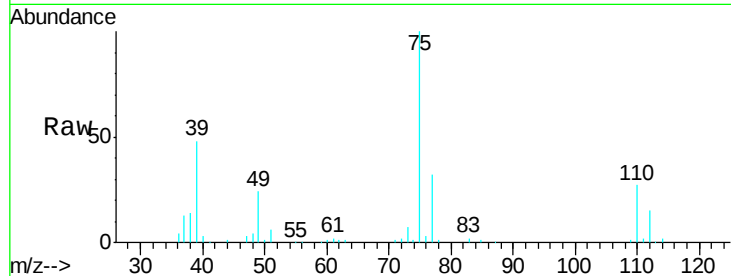
VY1107SBS02

Tgt Ion: 75 Resp: 83675

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.925 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

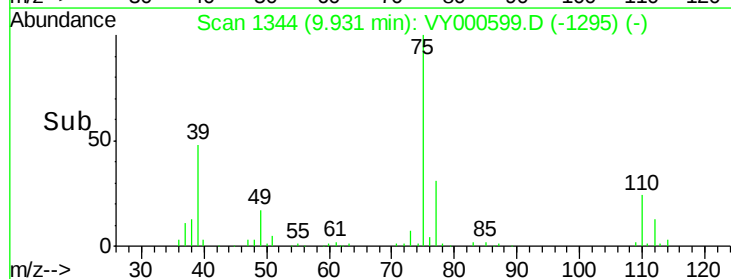
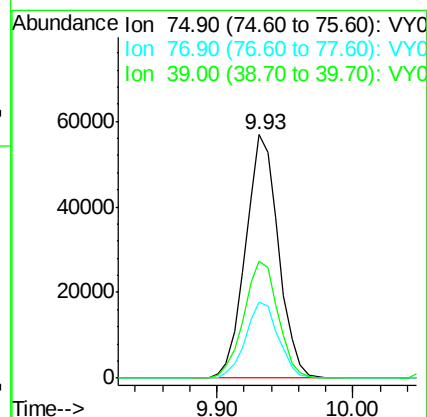
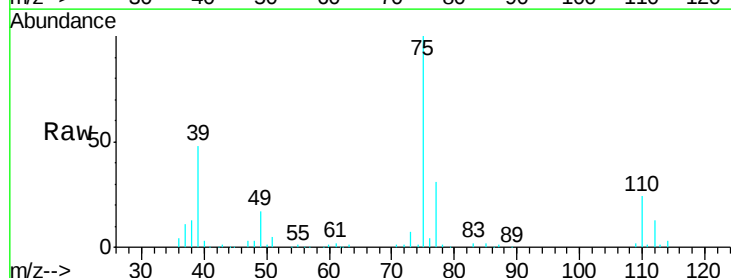
Tgt Ion: 75 Resp: 95855

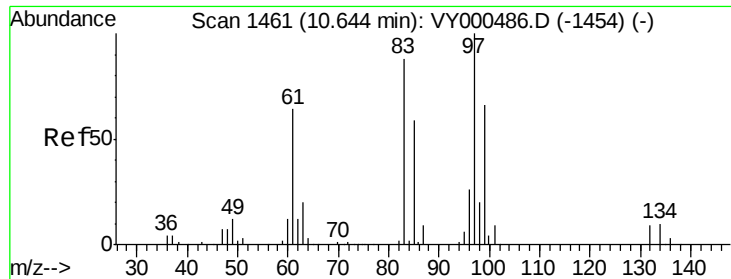
Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7

39 48.0 35.4 53.2

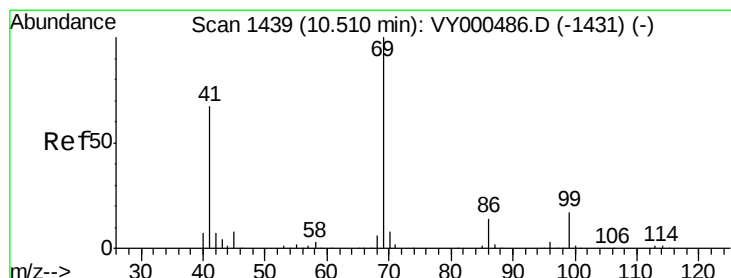
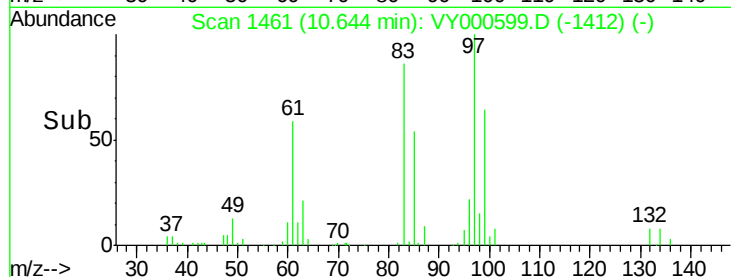
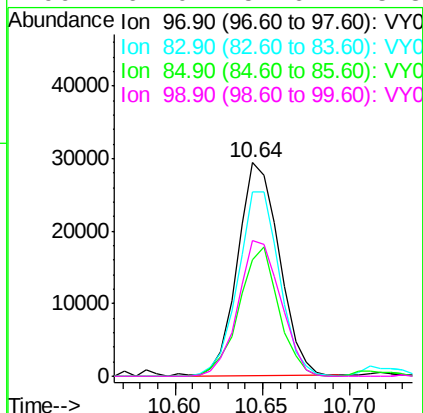
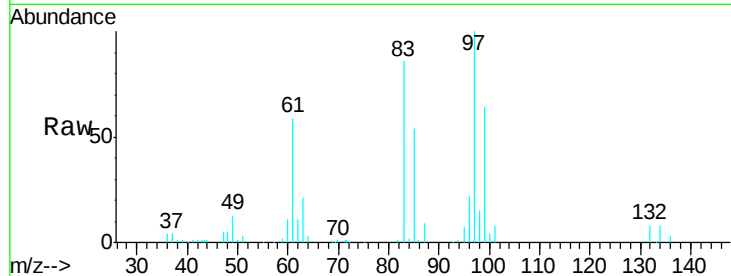




#55
 1,1,2-Trichloroethane
 Concen: 20.337 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

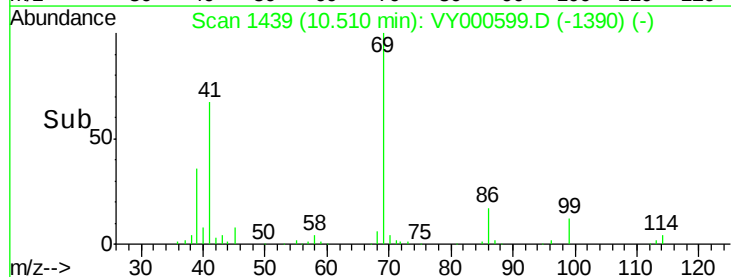
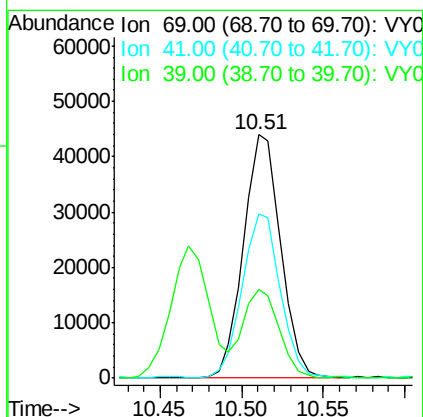
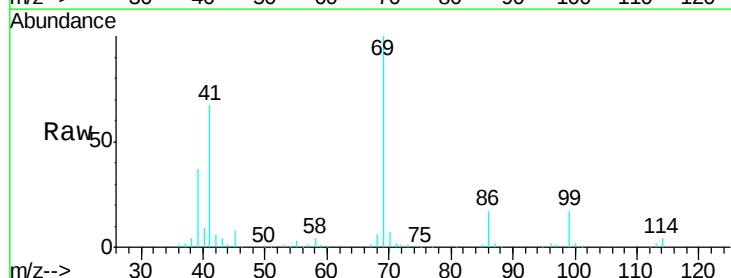
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

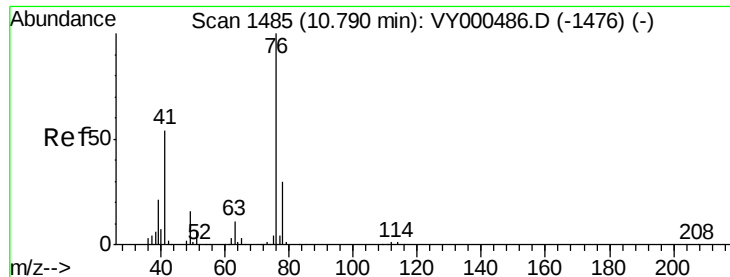
Tgt Ion: 97 Resp: 48721
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.2 105.4
 85 54.5 46.9 70.3
 99 64.0 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 20.658 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 69 Resp: 70144
 Ion Ratio Lower Upper
 69 100
 41 69.4 53.3 79.9
 39 34.8 28.0 42.0





#57

1,3-Dichloropropane

Concen: 20.622 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

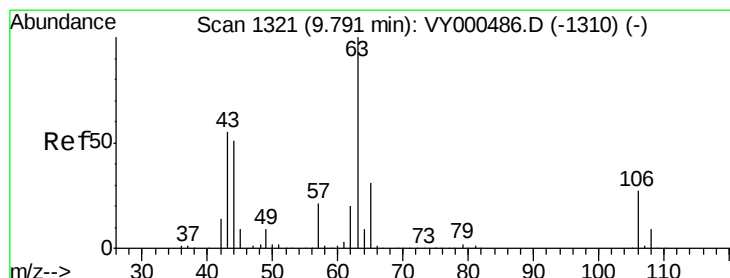
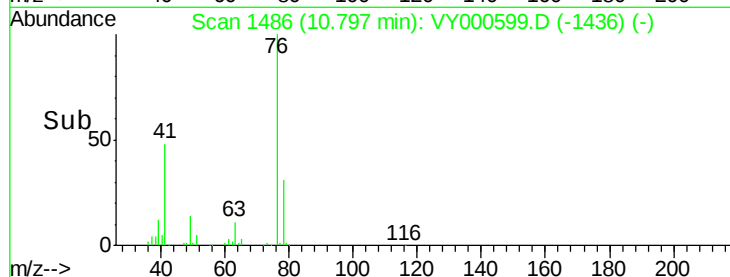
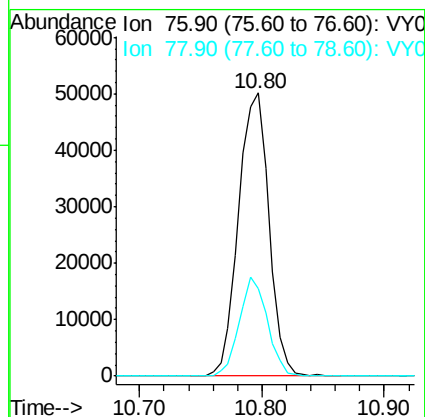
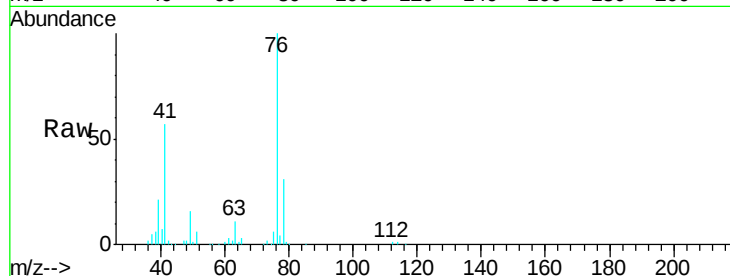
VY1107SBS02

Tgt Ion: 76 Resp: 86467

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.284 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000599.D

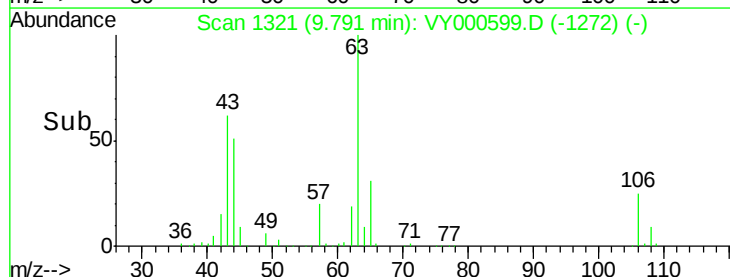
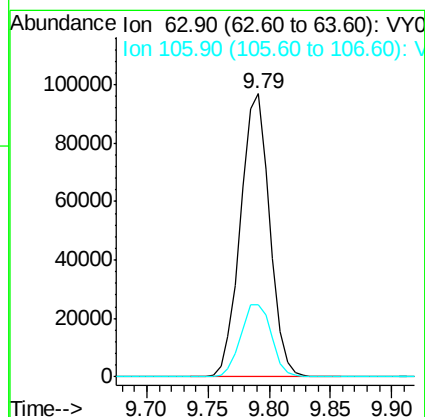
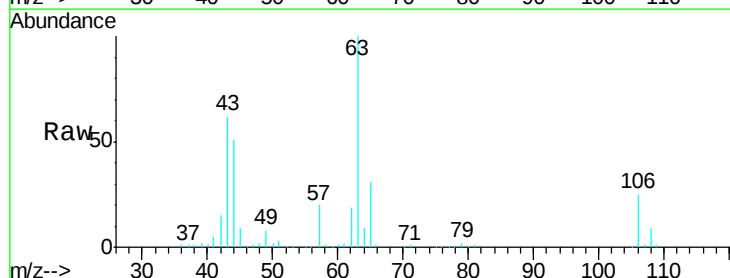
Acq: 07 Nov 2019 23:09

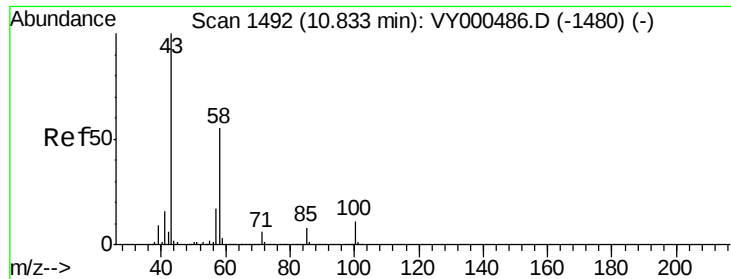
Tgt Ion: 63 Resp: 160081

Ion Ratio Lower Upper

63 100

106 27.1 22.6 33.8

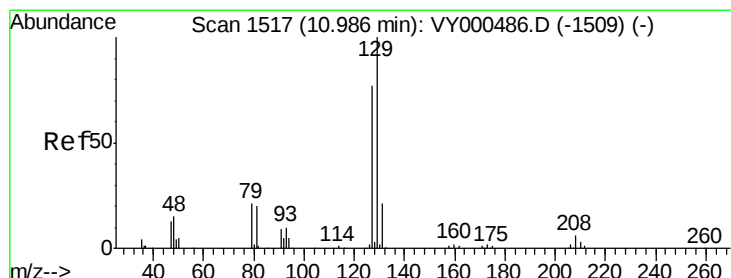
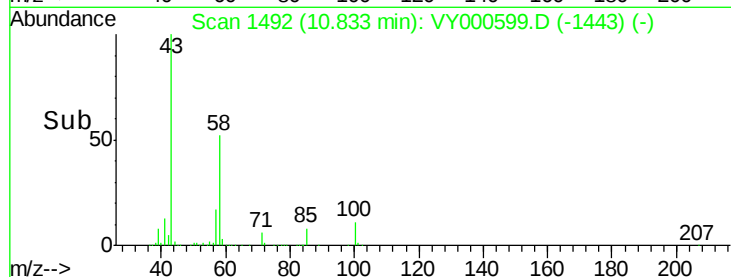
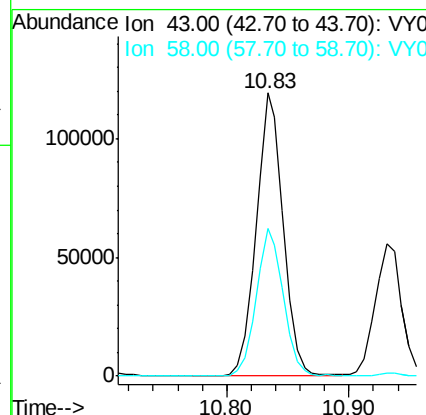
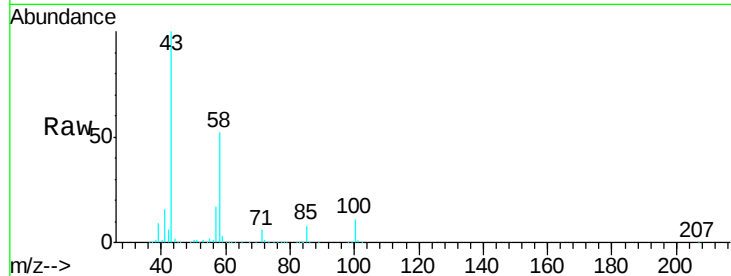




#59
2-Hexanone
Concen: 101.444 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

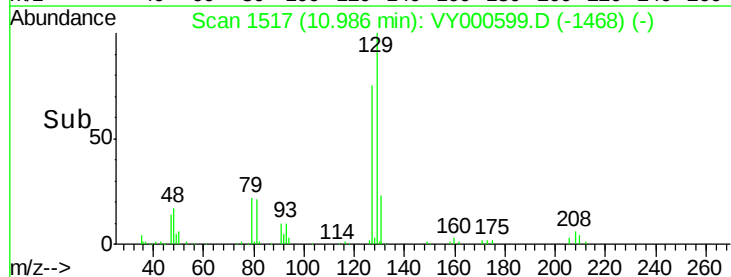
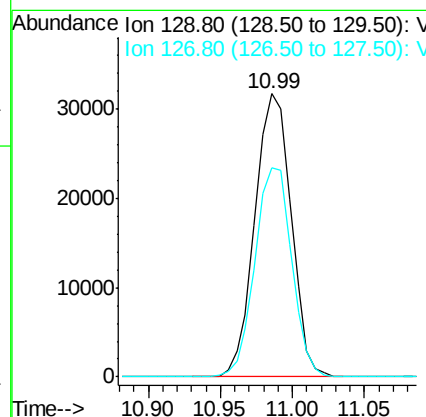
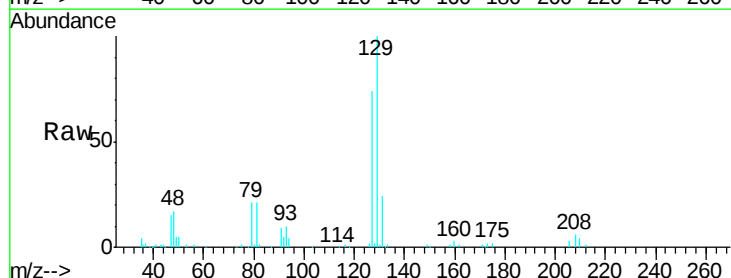
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

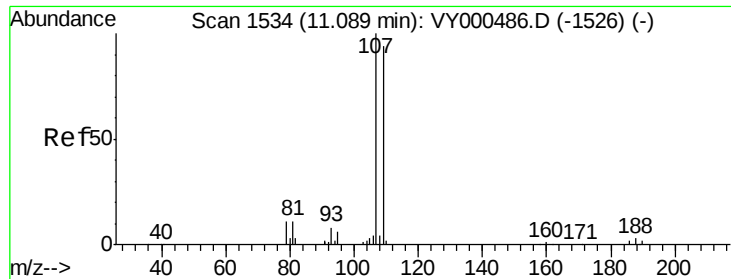
Tgt Ion: 43 Resp: 182926
Ion Ratio Lower Upper
43 100
58 52.5 27.1 81.3



#60
Dibromochloromethane
Concen: 20.145 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 129 Resp: 55280
Ion Ratio Lower Upper
129 100
127 74.8 39.1 117.2

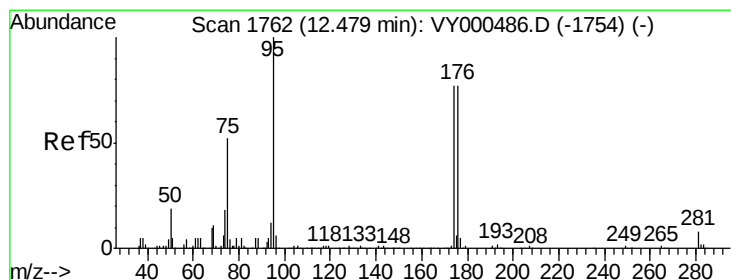
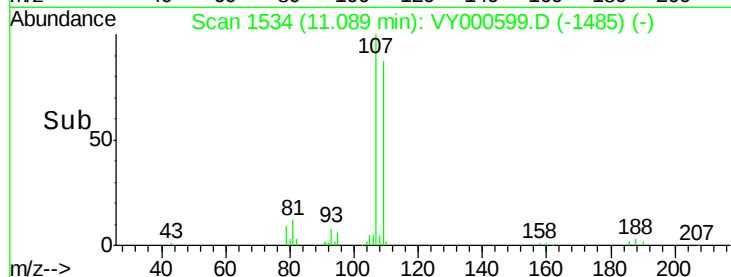
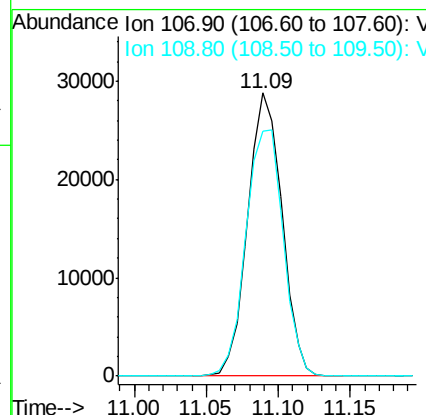
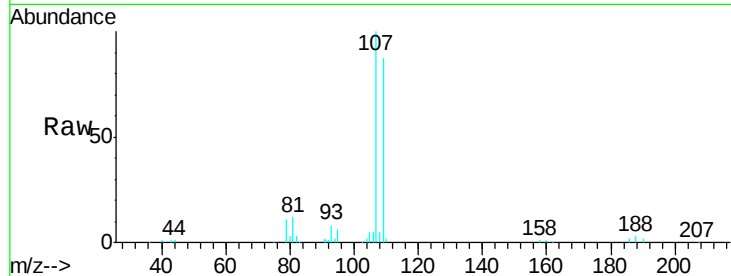




#61
 1,2-Dibromoethane
 Concen: 20.592 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

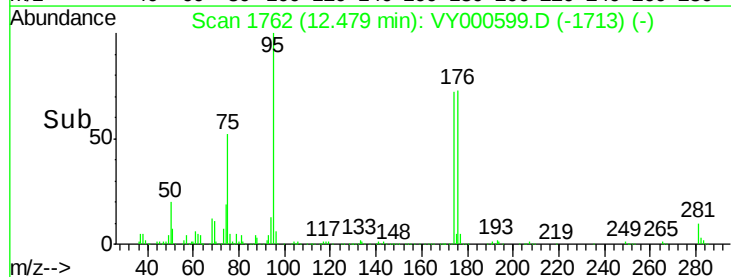
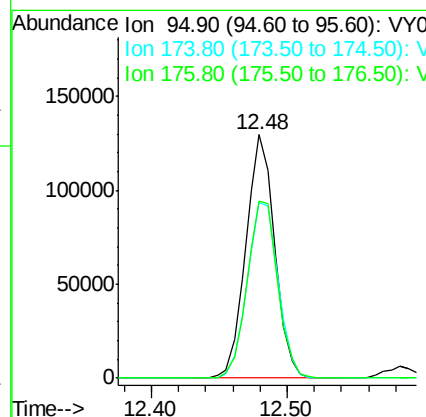
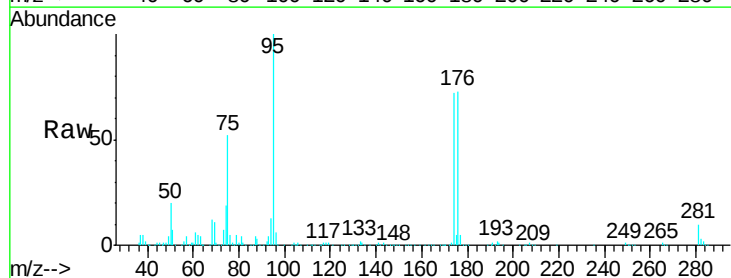
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion: 107 Resp: 47433
 Ion Ratio Lower Upper
 107 100
 109 94.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 51.160 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 95 Resp: 191554
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 161.6
 176 76.8 0.0 157.8

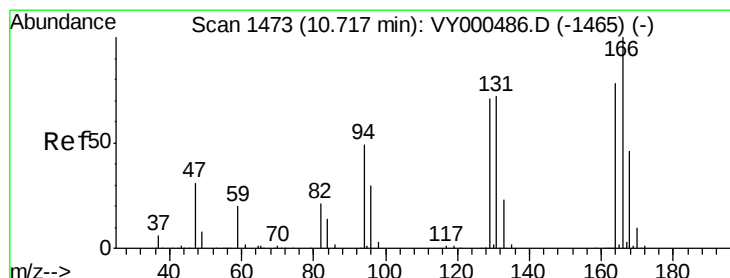
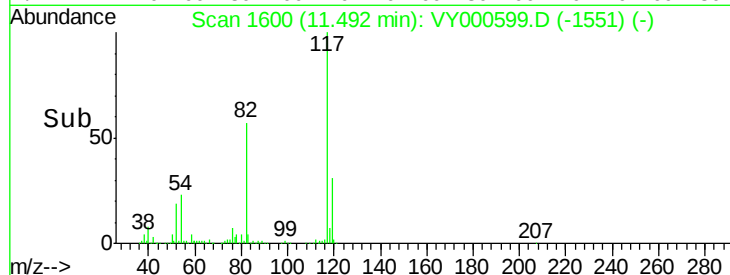
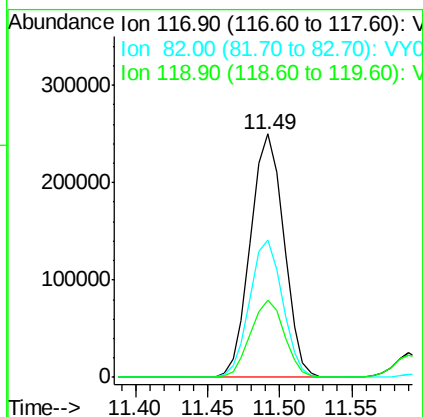
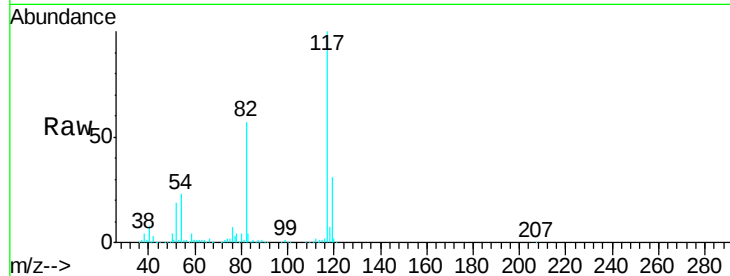




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

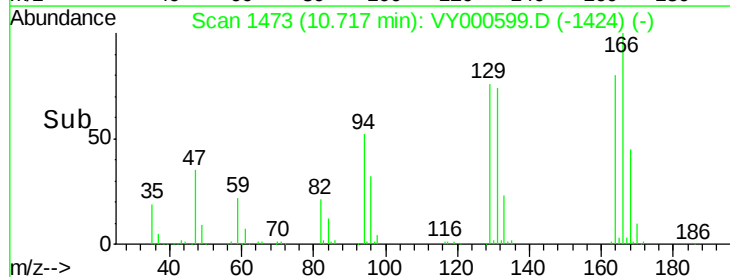
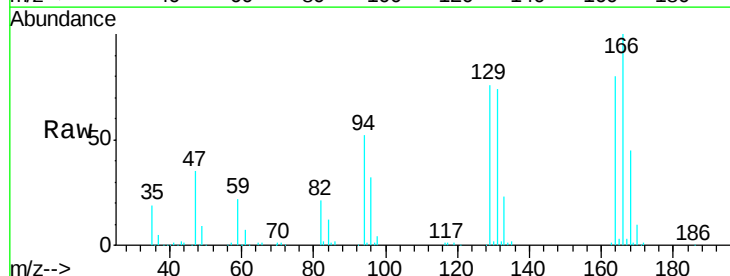
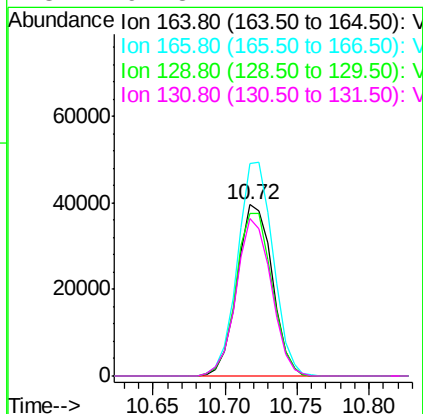
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

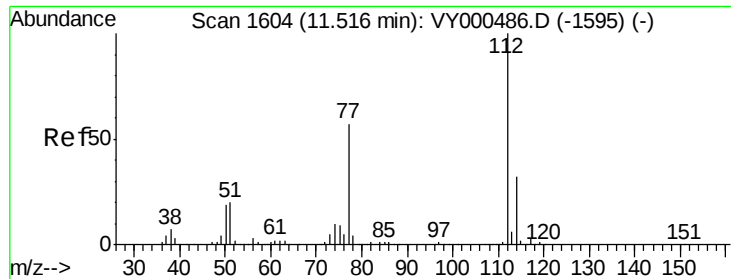
Tgt Ion:117 Resp: 401852
Ion Ratio Lower Upper
117 100
82 56.6 40.8 61.2
119 31.5 26.2 39.2



#64
Tetrachloroethene
Concen: 20.181 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion:164 Resp: 67059
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 95.1 73.2 109.8
131 91.8 74.2 111.2

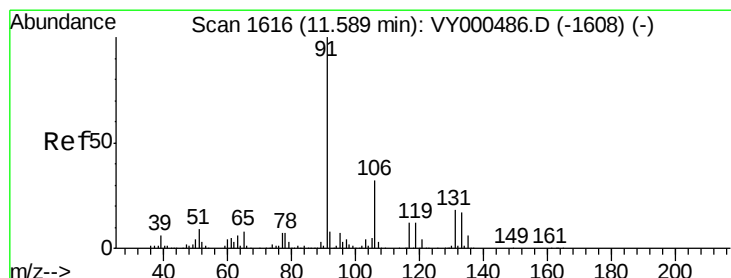
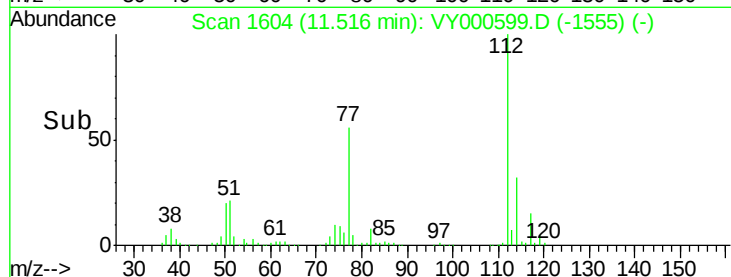
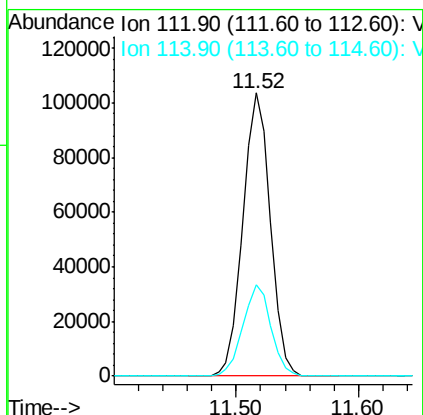
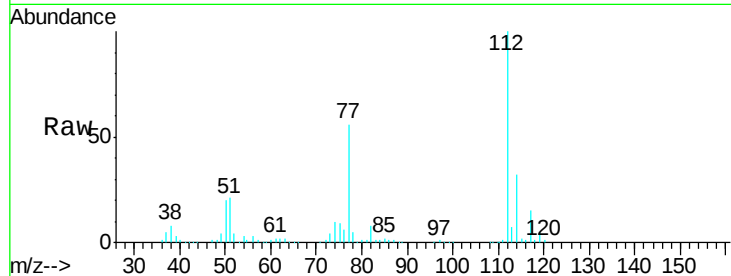




#65
Chlorobenzene
Concen: 19.771 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

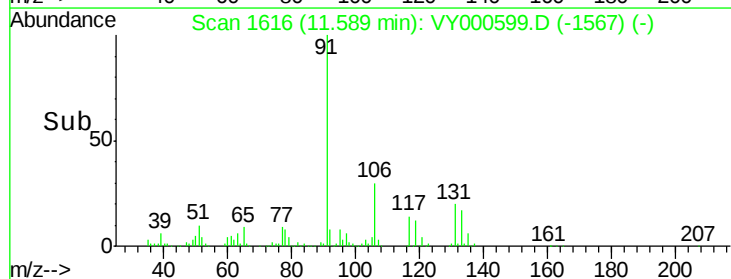
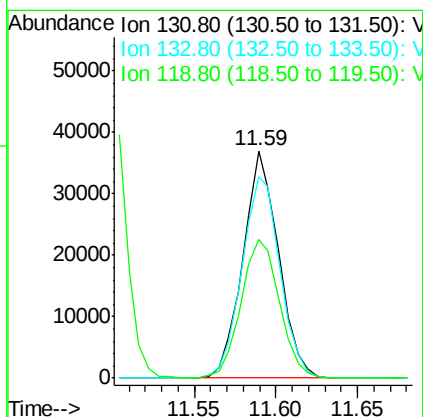
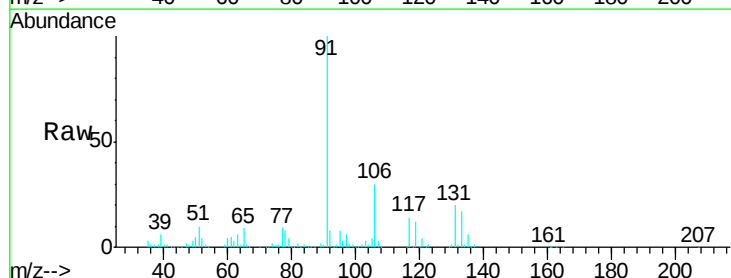
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

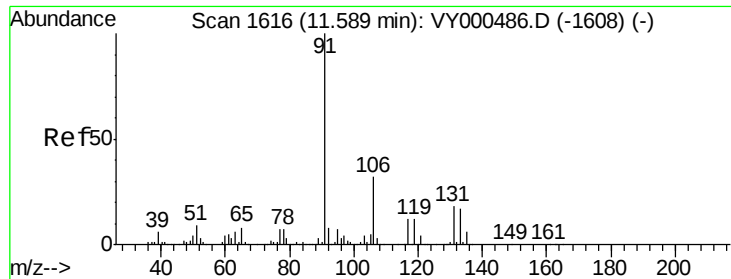
Tgt Ion:112 Resp: 161087
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion:131 Resp: 56125
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 66.0 33.1 99.3

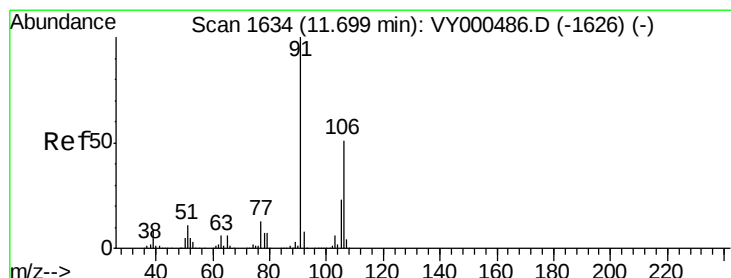
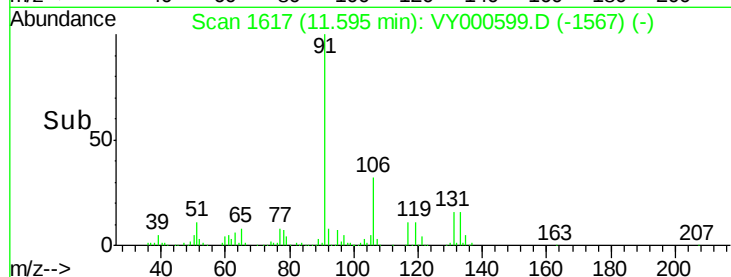
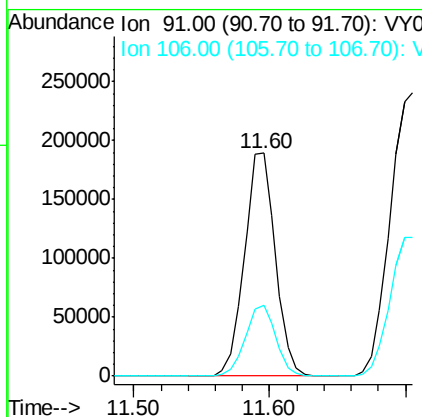
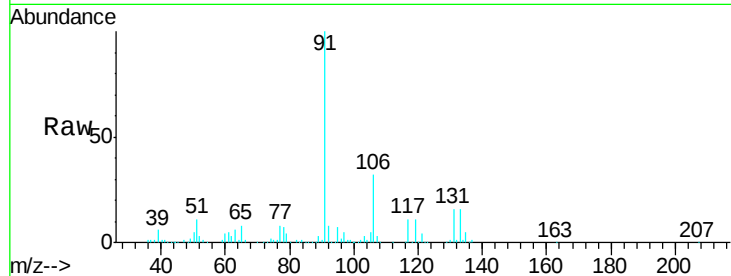




#67
Ethyl Benzene
Concen: 20.010 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

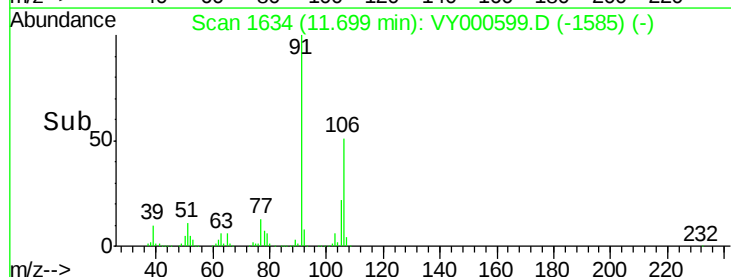
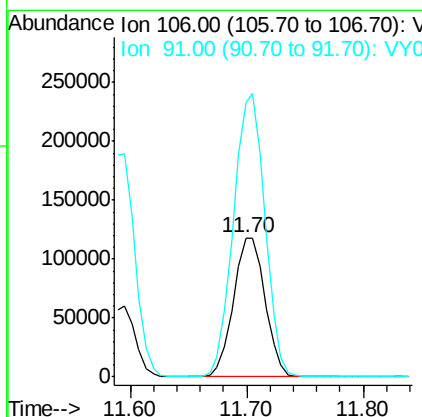
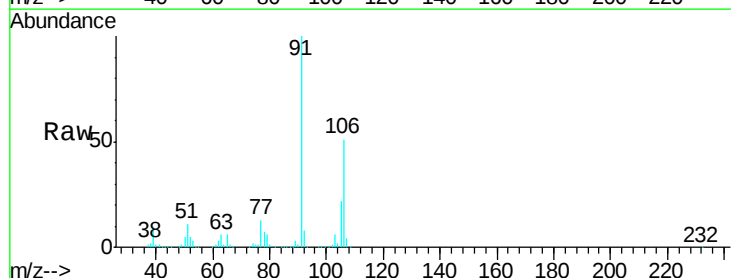
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

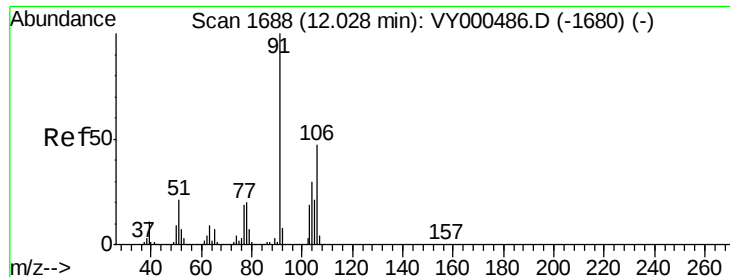
Tgt Ion: 91 Resp: 300052
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 38.682 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 106 Resp: 224493
Ion Ratio Lower Upper
106 100
91 201.5 155.9 233.9

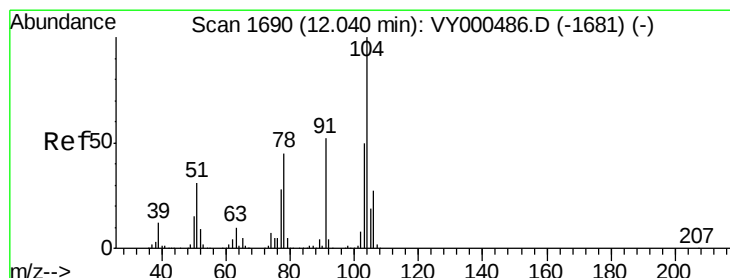
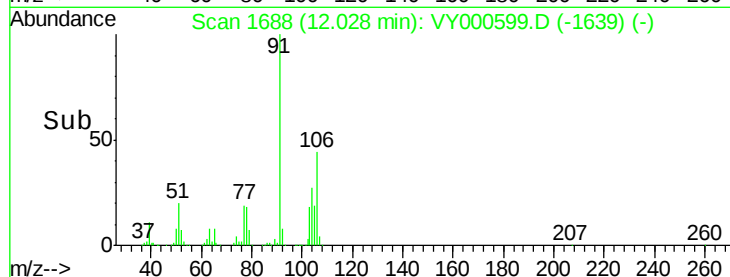
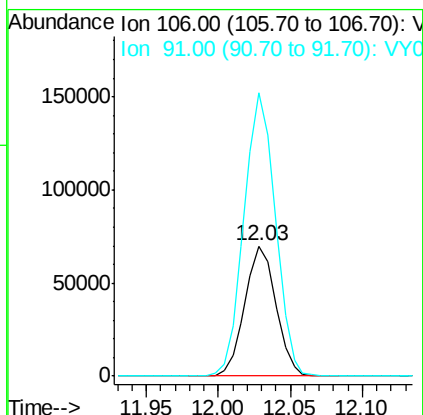
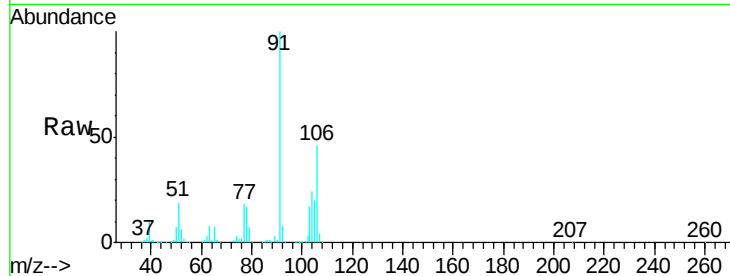




#69
o-Xylene
Concen: 19.247 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

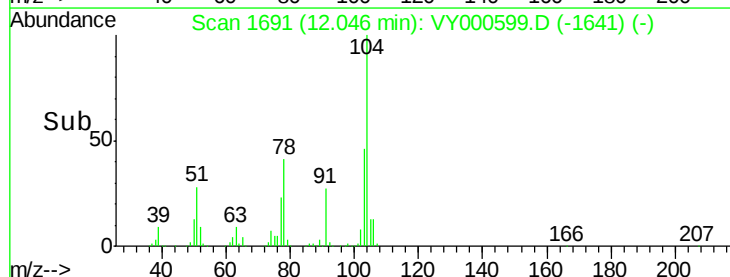
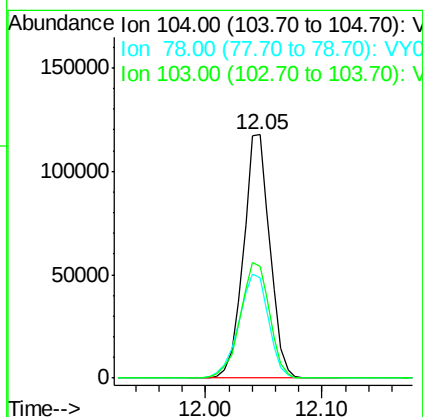
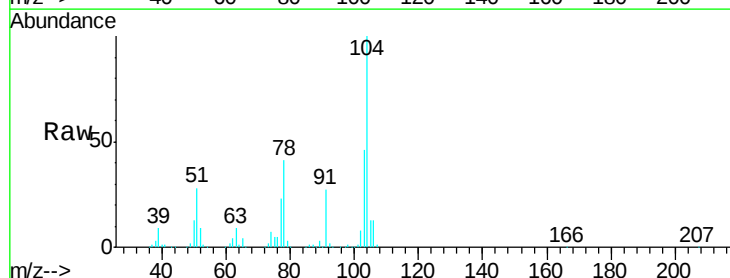
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

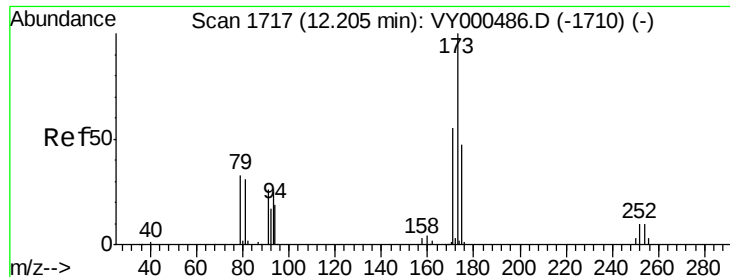
Tgt Ion:106 Resp: 104979
Ion Ratio Lower Upper
106 100
91 219.2 106.5 319.6



#70
Styrene
Concen: 19.890 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion:104 Resp: 185773
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 52.5 42.5 63.7

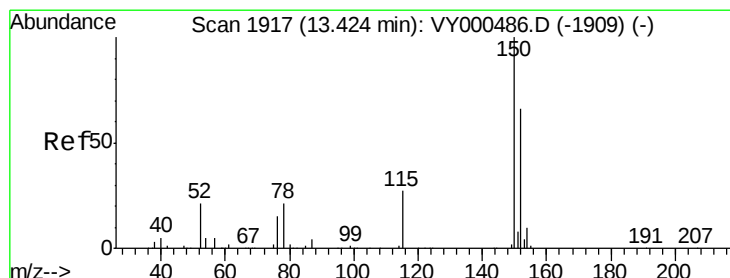
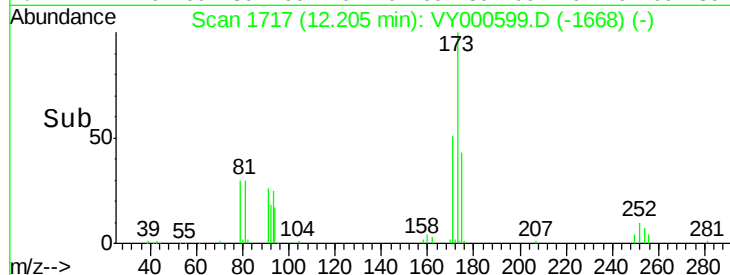
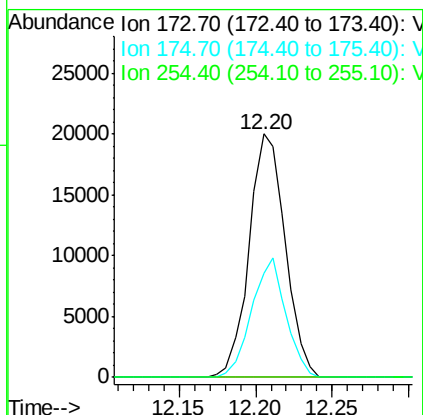
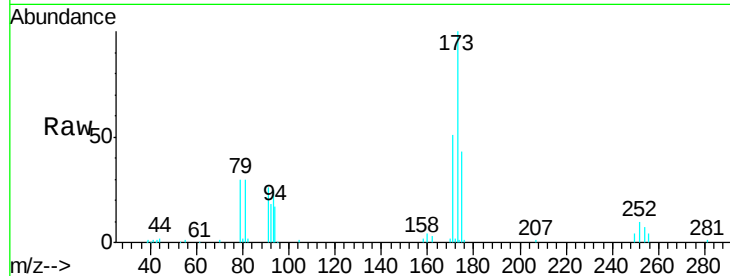




#71
Bromoform
Concen: 20.212 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

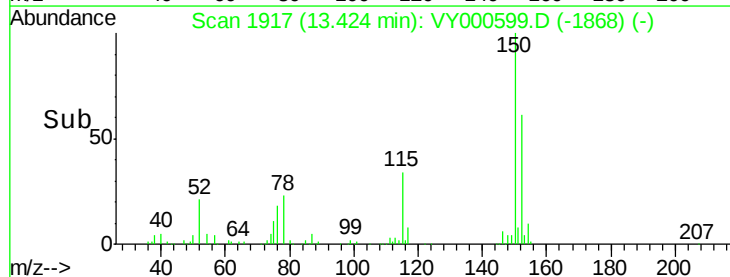
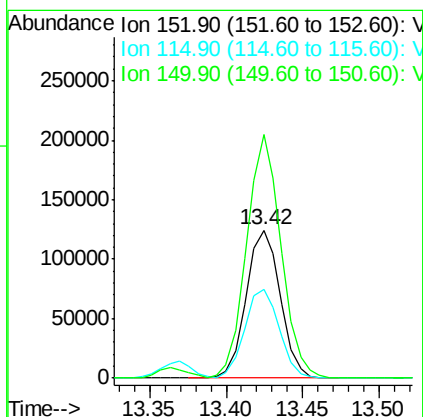
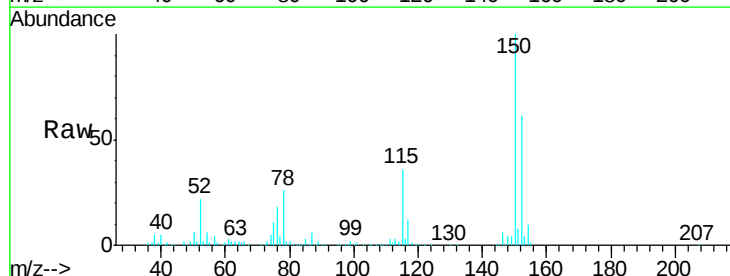
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

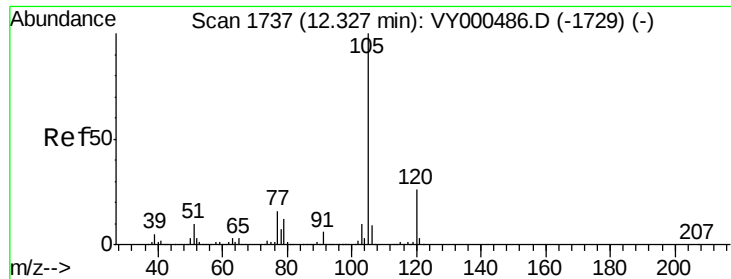
Tgt Ion:173 Resp: 32850
Ion Ratio Lower Upper
173 100
175 46.5 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion:152 Resp: 192108
Ion Ratio Lower Upper
152 100
115 60.9 29.1 87.4
150 166.4 0.0 348.8





#73

Isopropylbenzene

Concen: 20.322 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

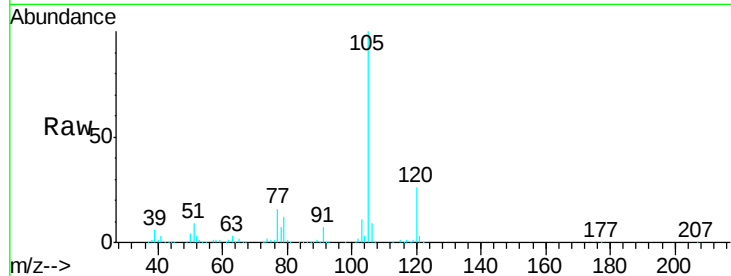
VY1107SBS02

Tgt Ion:105 Resp: 288544

Ion Ratio Lower Upper

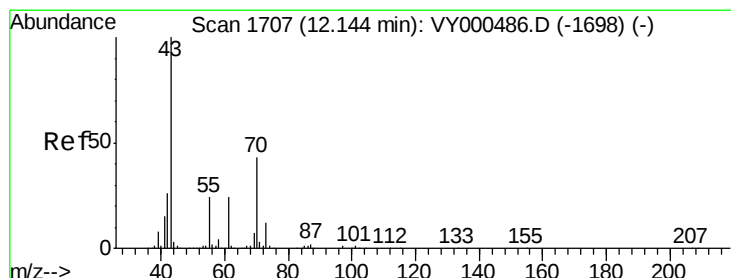
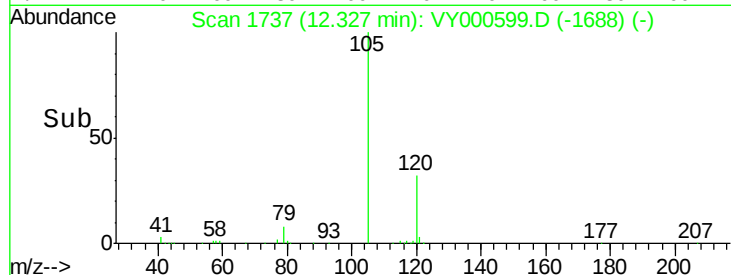
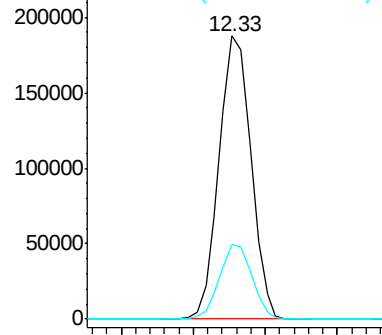
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.279 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Tgt Ion: 43 Resp: 86529

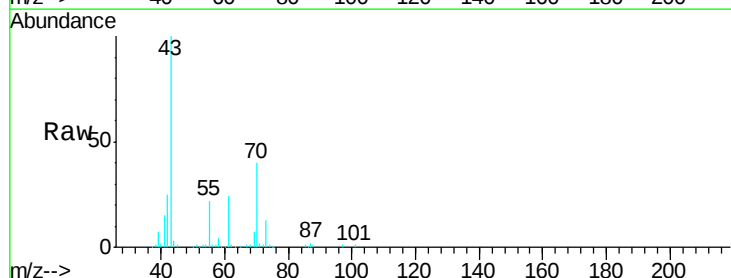
Ion Ratio Lower Upper

43 100

70 39.3 33.1 49.7

55 22.1 18.0 27.0

61 23.3 19.1 28.7

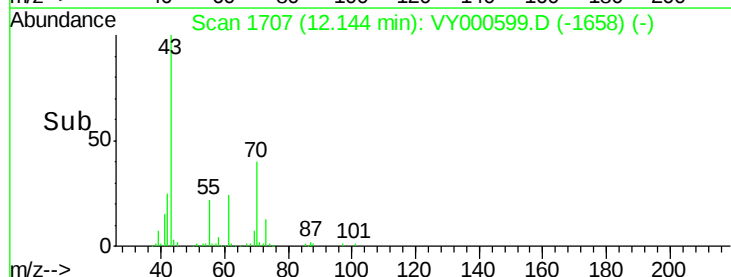
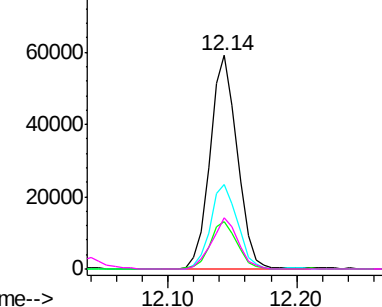


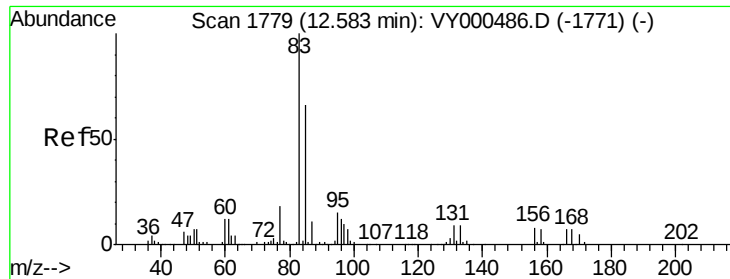
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.828 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

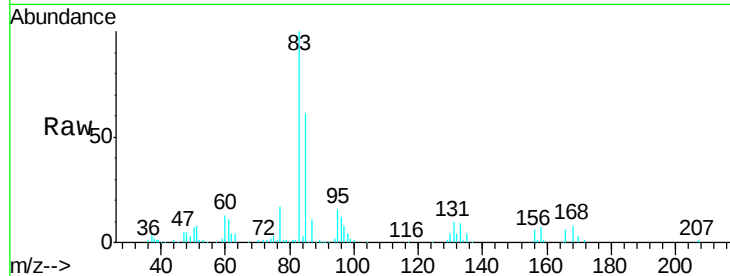
Tgt Ion: 83 Resp: 58554

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.4 32.3 96.9

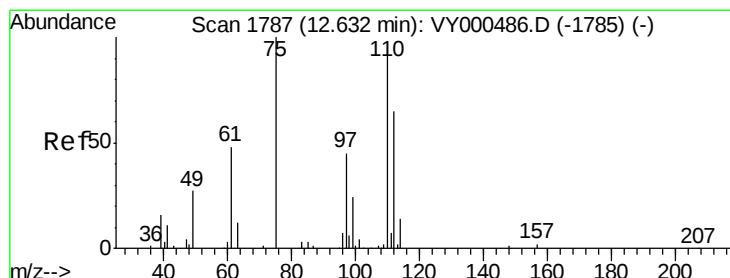
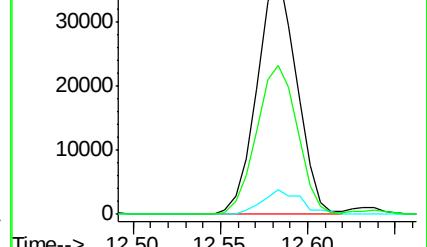
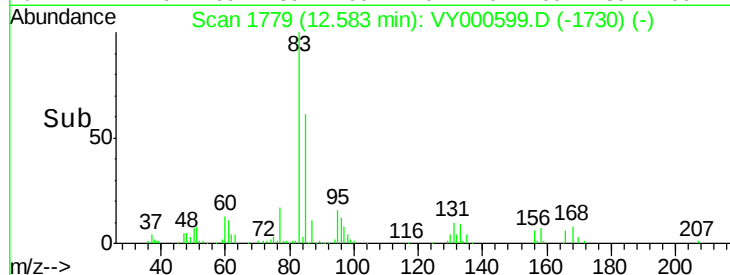


Abundance Ion 82.90 (82.60 to 83.60): VY000599.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000599.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000599.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.983 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000599.D

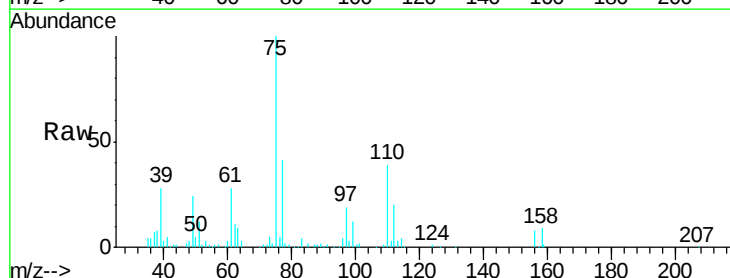
Acq: 07 Nov 2019 23:09

Tgt Ion: 75 Resp: 78709

Ion Ratio Lower Upper

75 100

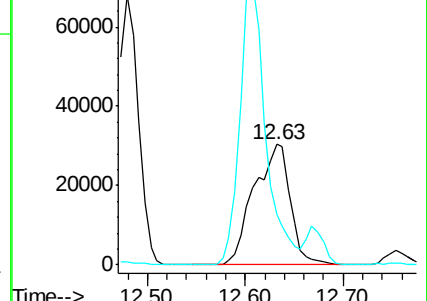
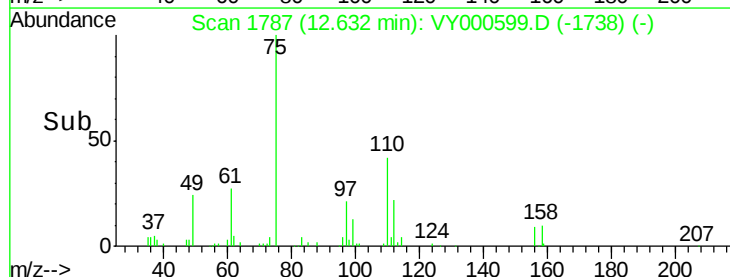
77 0.0 0.0 0.0

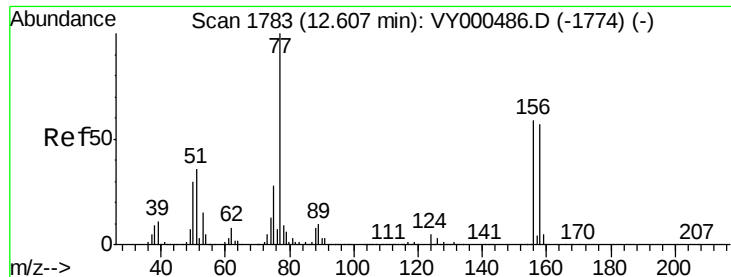


Abundance Ion 74.90 (74.60 to 75.60): VY000599.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000599.D (-1738) (-)

Time-->





#77

Bromobenzene

Concen: 19.690 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

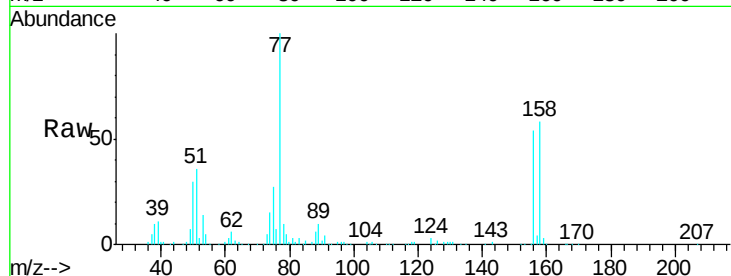
Tgt Ion:156 Resp: 63398

Ion Ratio Lower Upper

156 100

77 207.3 98.2 294.4

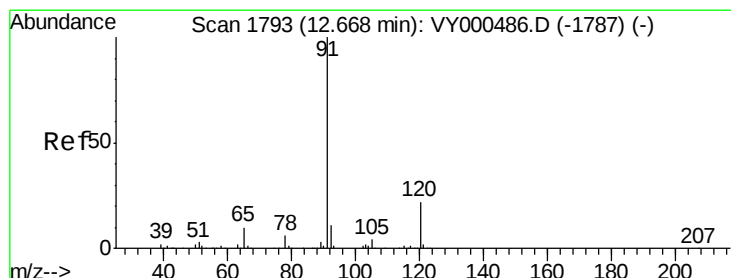
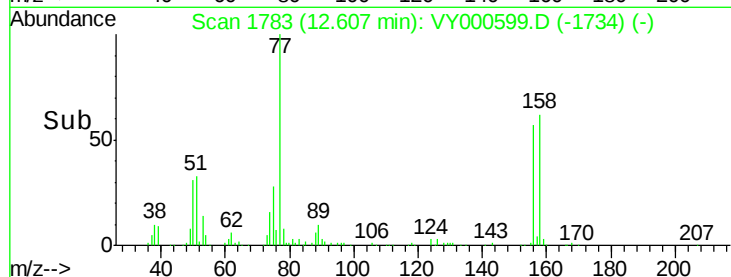
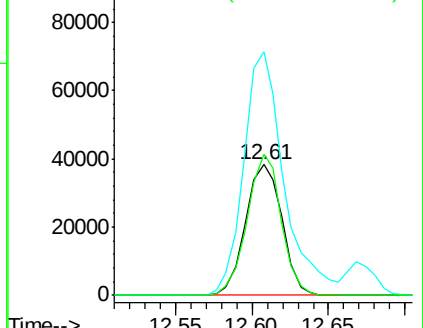
158 100.6 49.6 149.0



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: 20.085 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000599.D

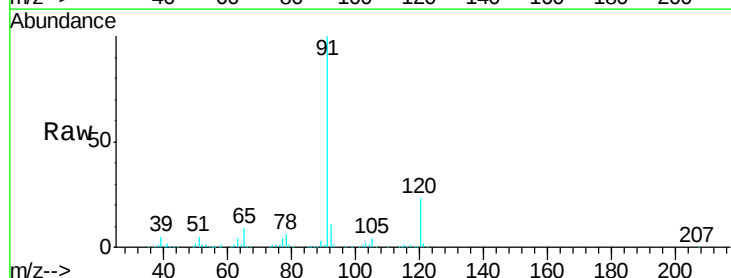
Acq: 07 Nov 2019 23:09

Tgt Ion: 91 Resp: 344084

Ion Ratio Lower Upper

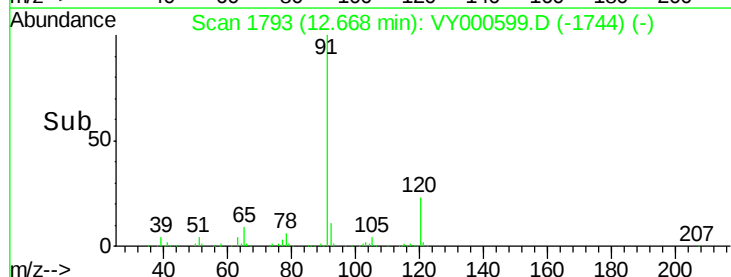
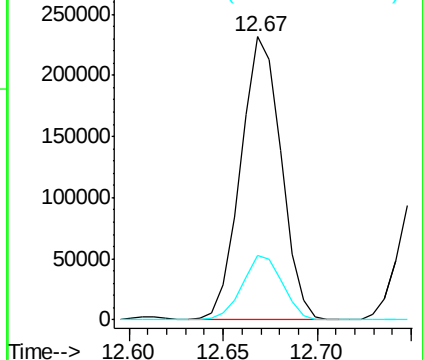
91 100

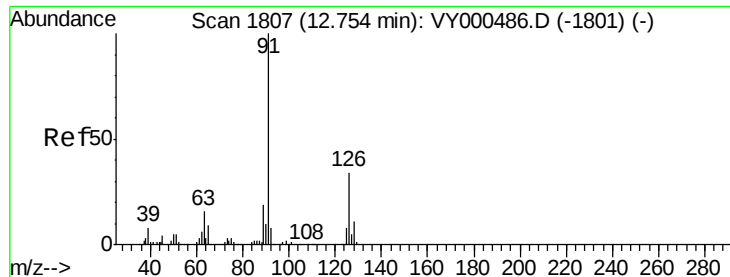
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

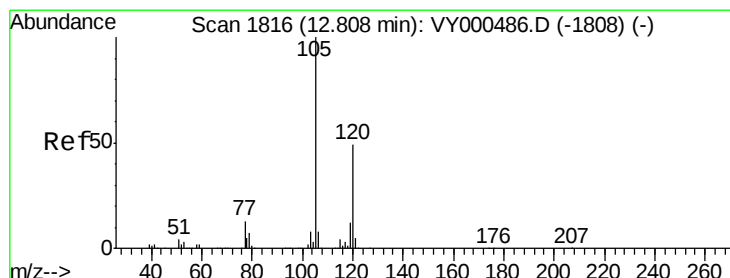
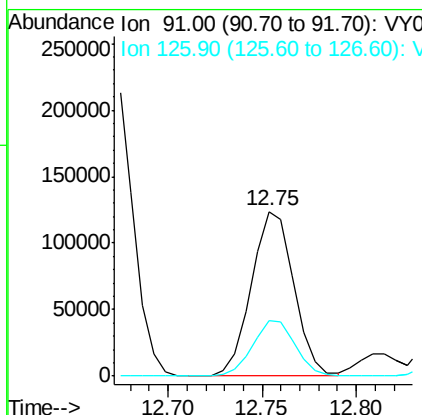
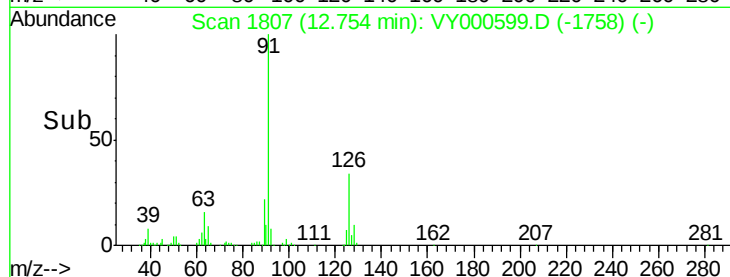
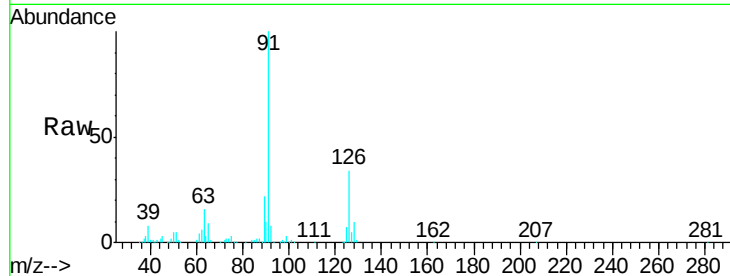




#79
 2-Chlorotoluene
 Concen: 20.352 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

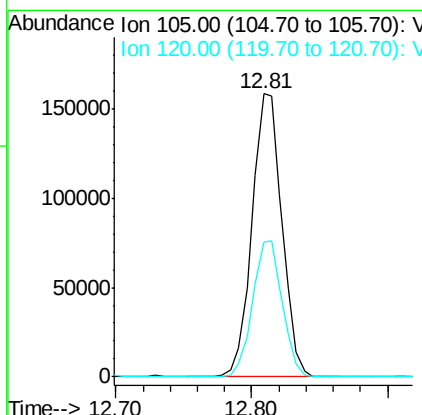
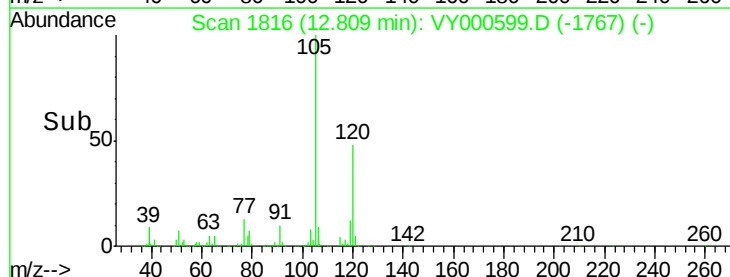
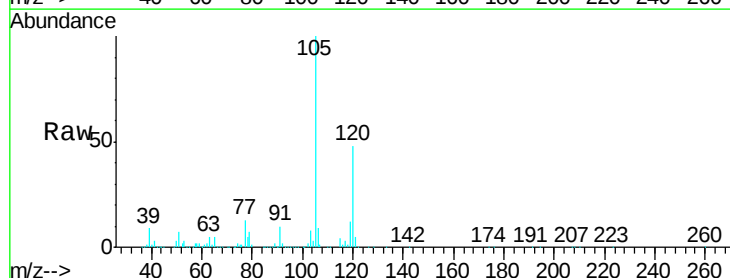
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

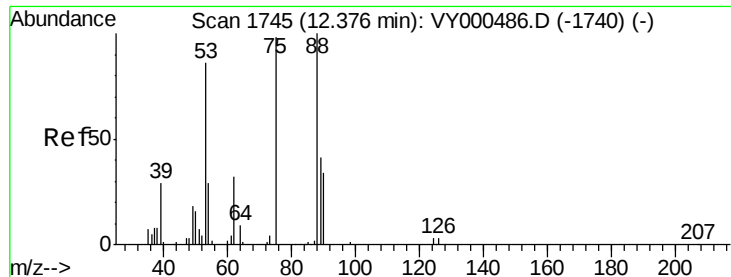
Tgt Ion: 91 Resp: 193560
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.687 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 105 Resp: 244629
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.391 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000599.D

Acq: 07 Nov 2019 23:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

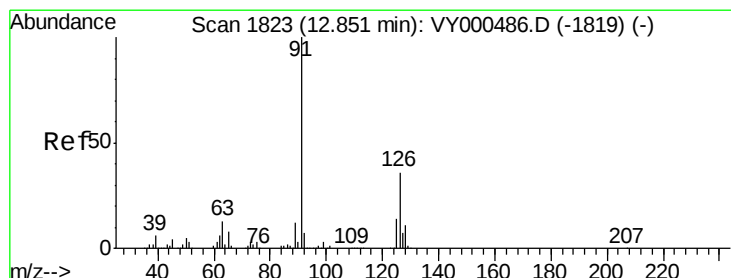
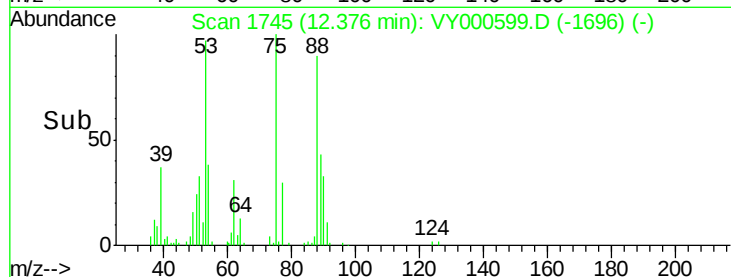
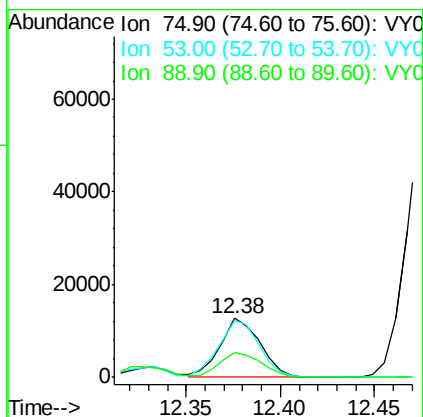
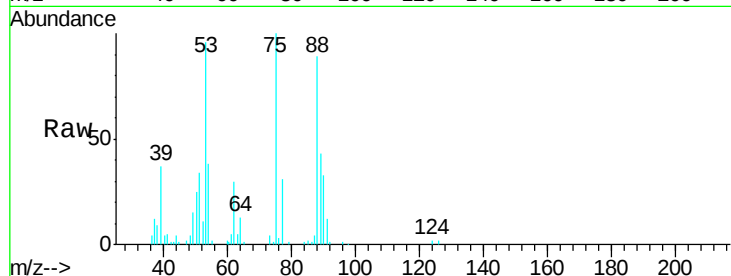
Tgt Ion: 75 Resp: 18918

Ion Ratio Lower Upper

75 100

53 98.3 73.2 109.8

89 43.4 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.557 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000599.D

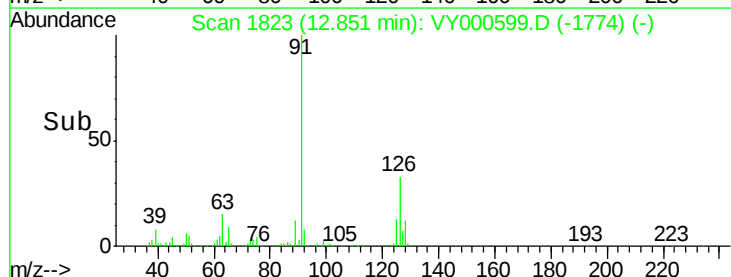
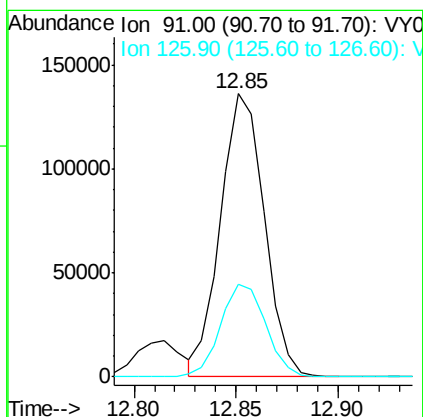
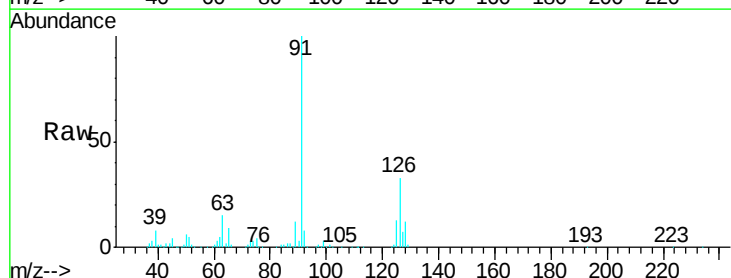
Acq: 07 Nov 2019 23:09

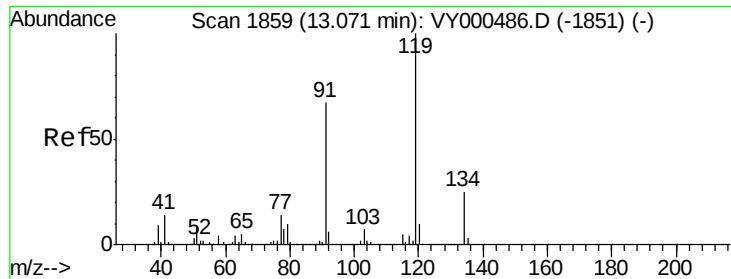
Tgt Ion: 91 Resp: 202660

Ion Ratio Lower Upper

91 100

126 33.7 17.6 52.9

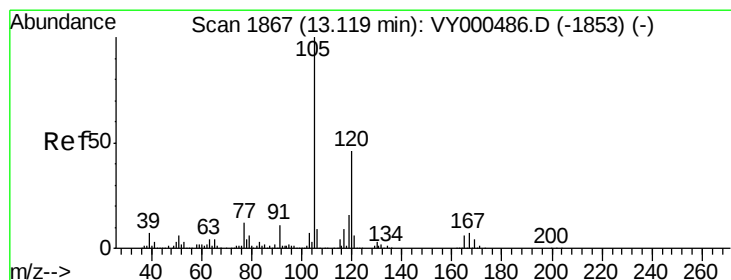
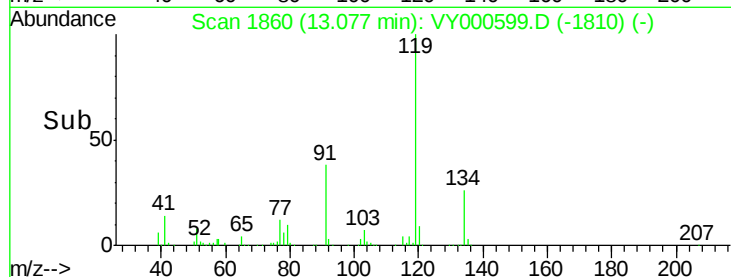
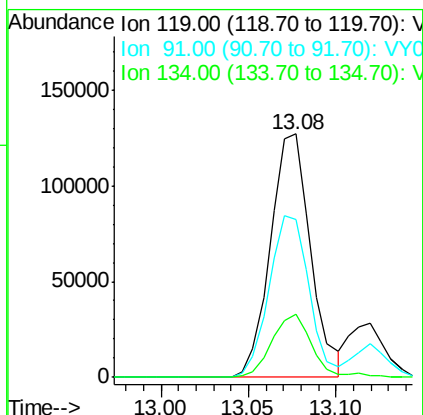
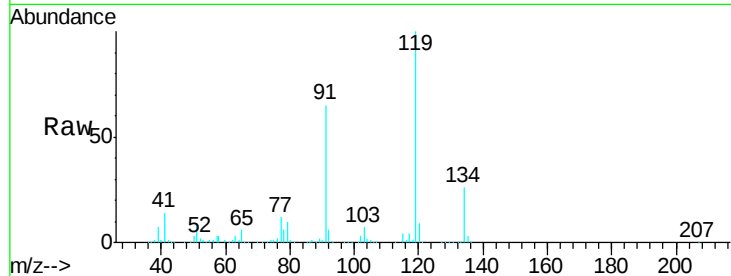




#83
 tert-Butylbenzene
 Concen: 20.206 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

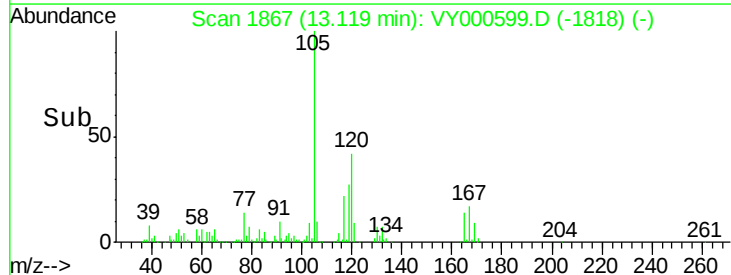
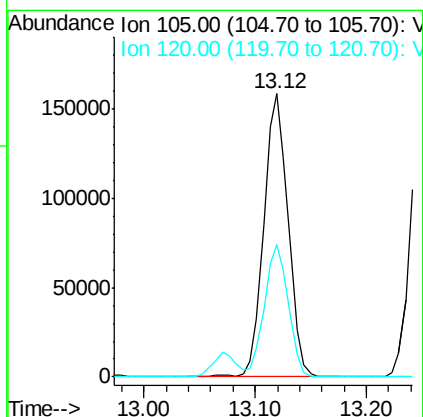
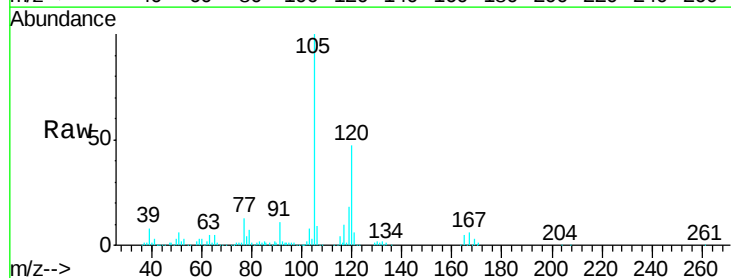
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

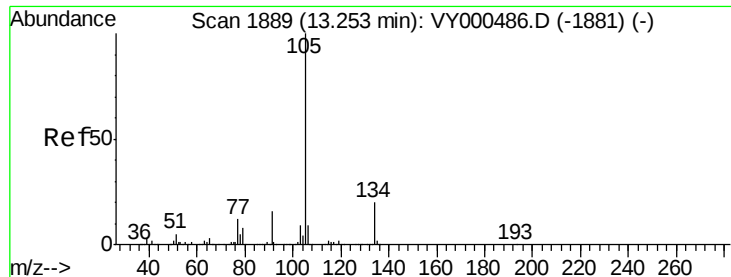
Tgt Ion:119 Resp: 204013
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.1 96.3
 134 26.1 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.519 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion:105 Resp: 241590
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9

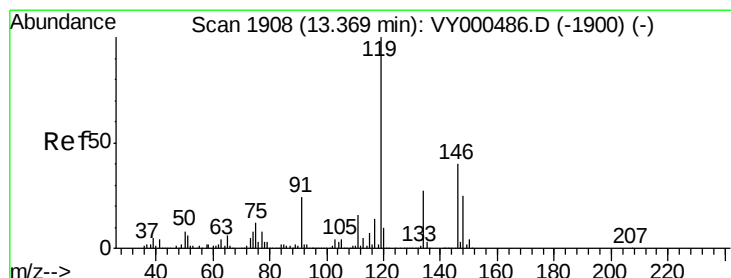
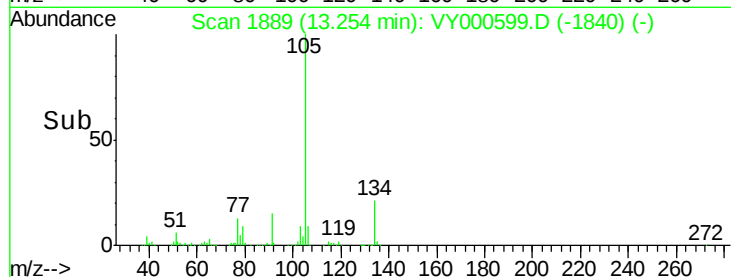
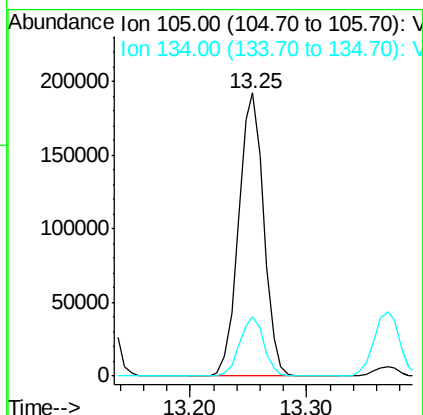
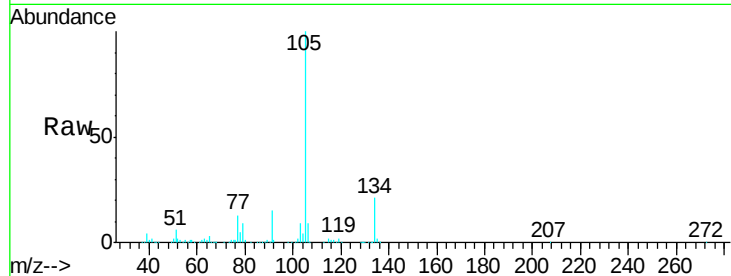




#85
 sec-Butylbenzene
 Concen: 20.055 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

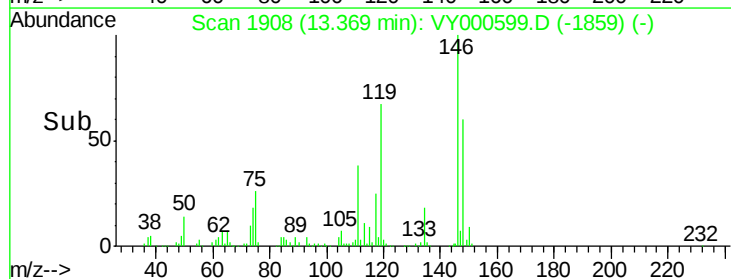
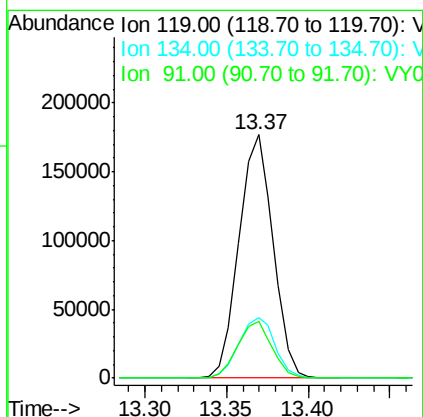
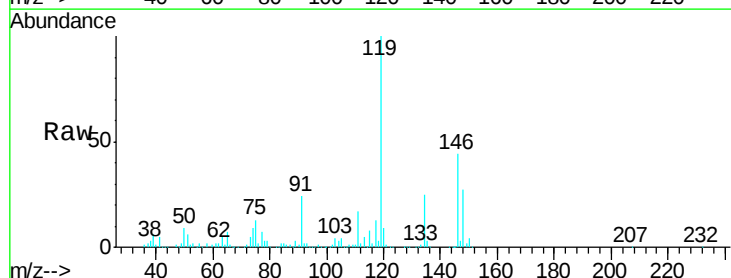
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

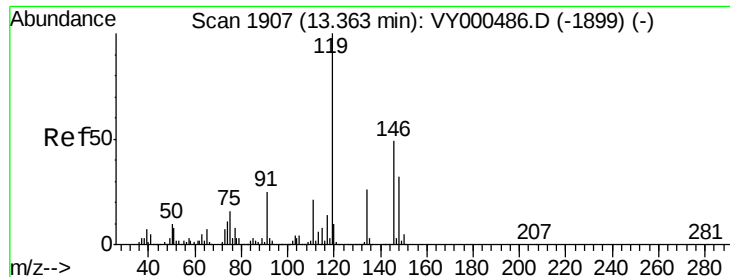
Tgt Ion:105 Resp: 288486
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.124 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion:119 Resp: 257999
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.8
 91 23.3 12.0 36.1

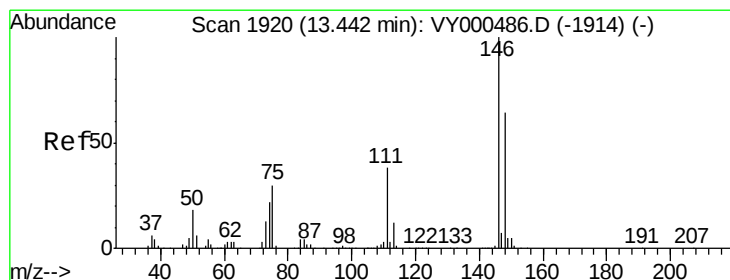
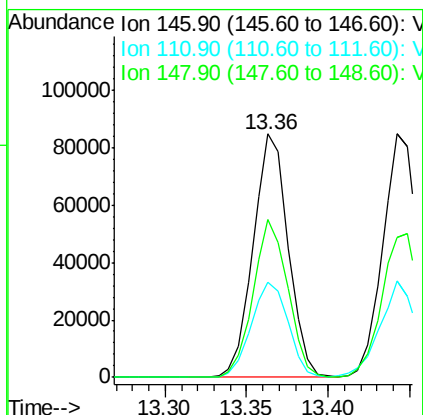
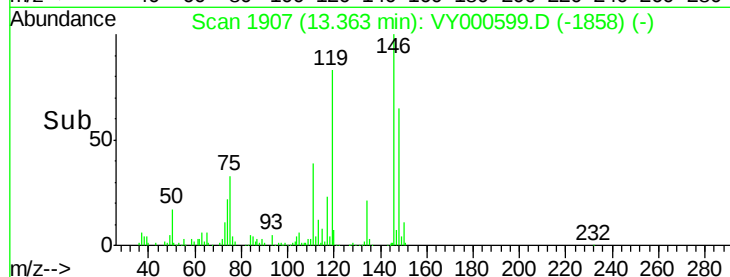
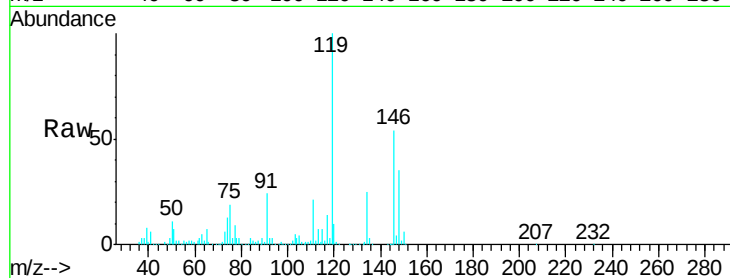




#87
 1,3-Dichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

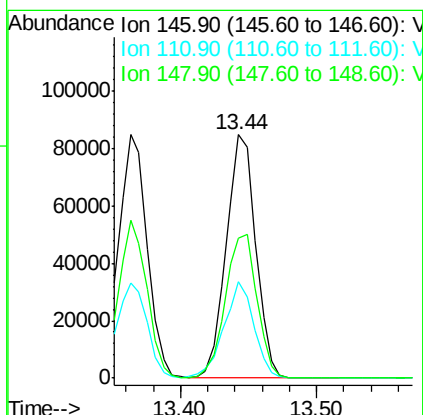
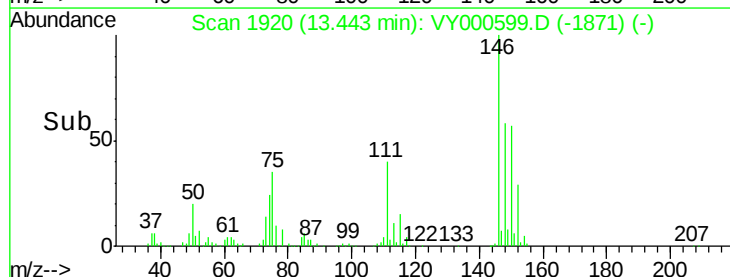
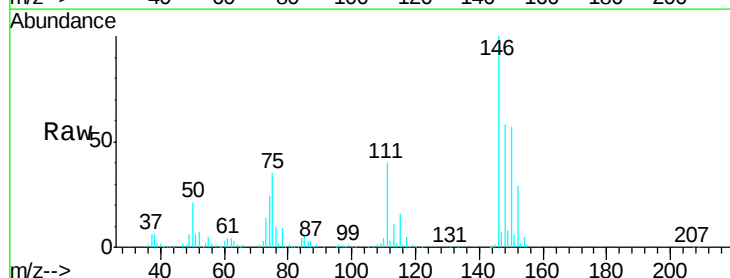
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

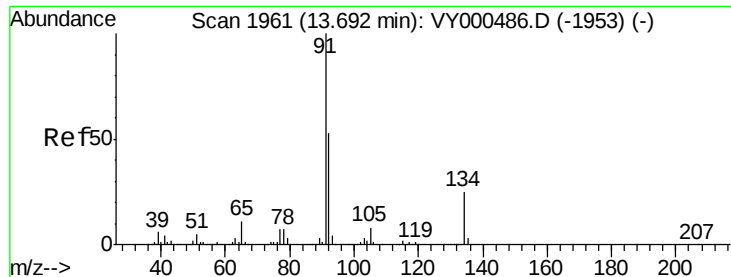
Tgt Ion:146 Resp: 126899
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.8
 148 64.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.299 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion:146 Resp: 127923
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.7 59.0
 148 63.4 31.9 95.7

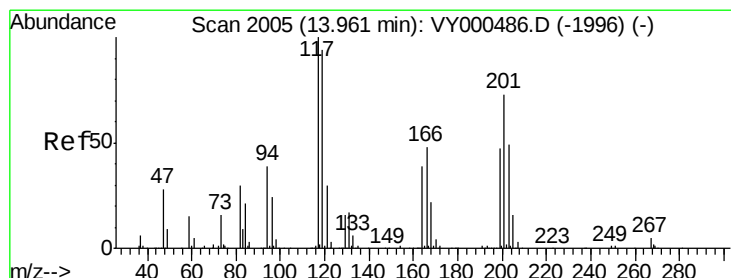
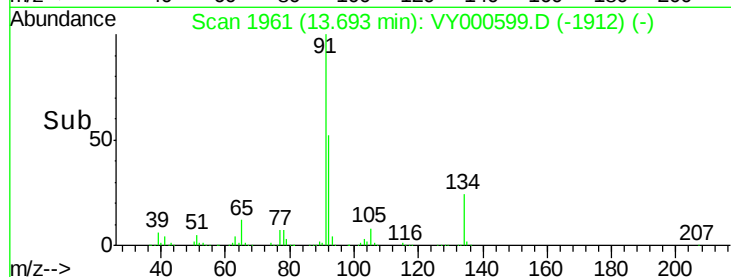
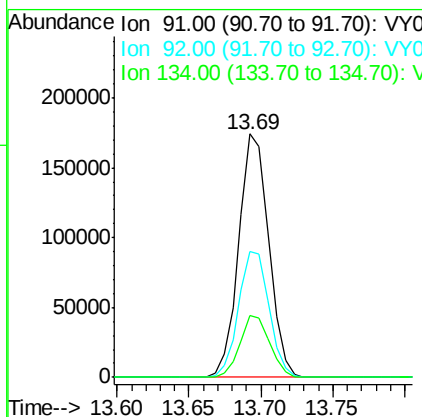
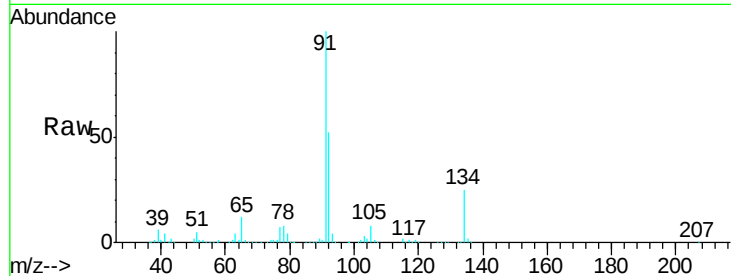




#89
n-Butylbenzene
Concen: 19.966 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

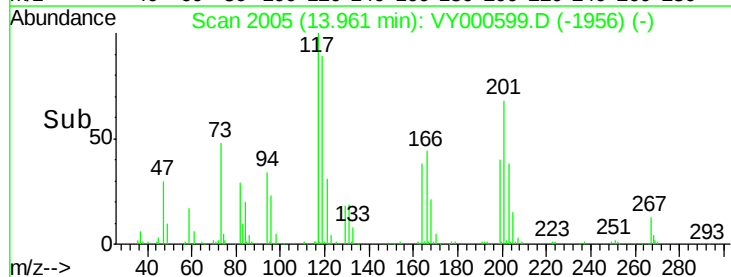
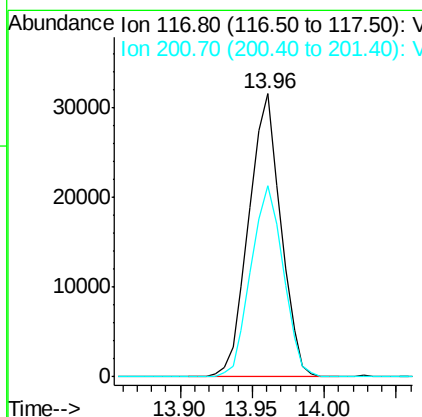
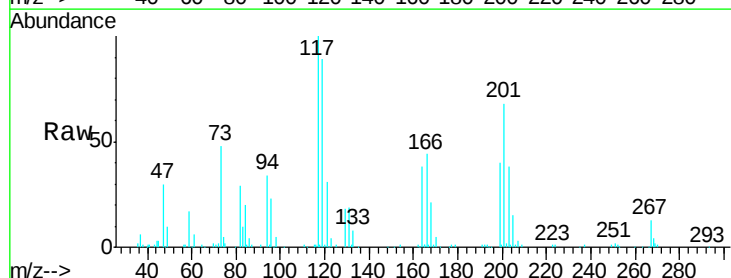
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

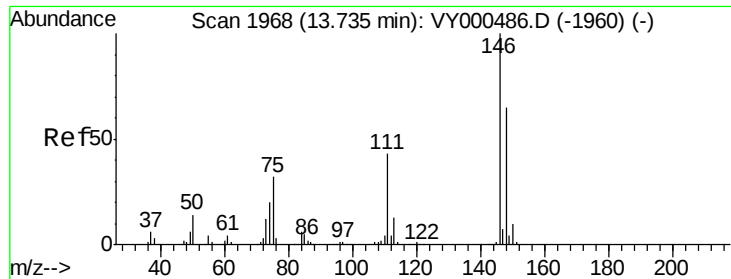
Tgt Ion: 91 Resp: 252463
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 20.535 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion: 117 Resp: 48671
Ion Ratio Lower Upper
117 100
201 68.4 35.8 107.3

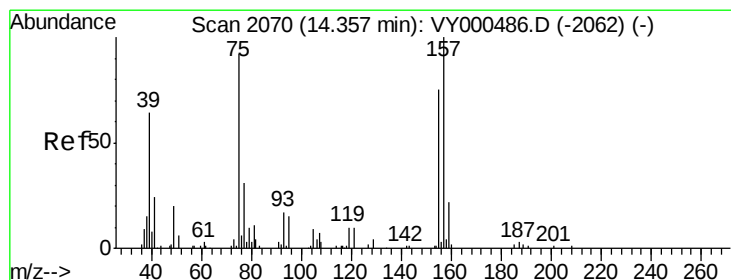
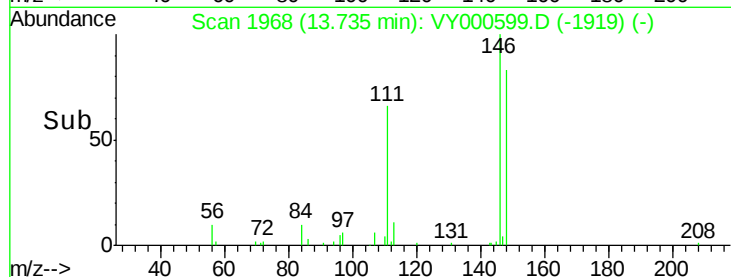
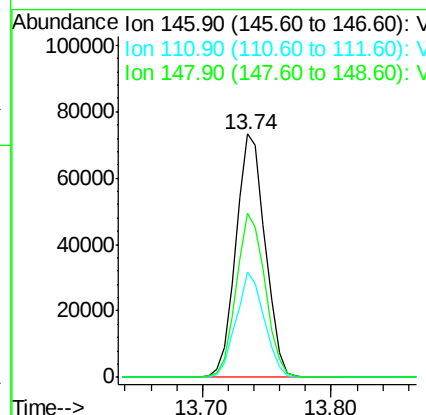
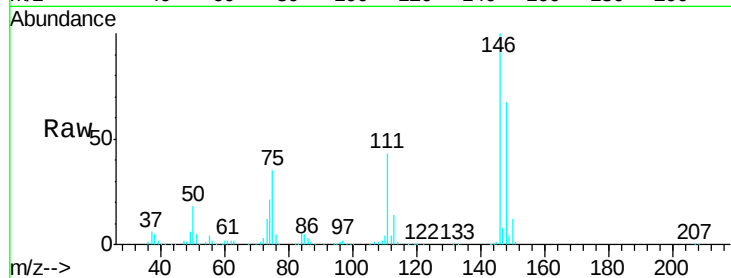




#91
 1,2-Dichlorobenzene
 Concen: 20.182 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

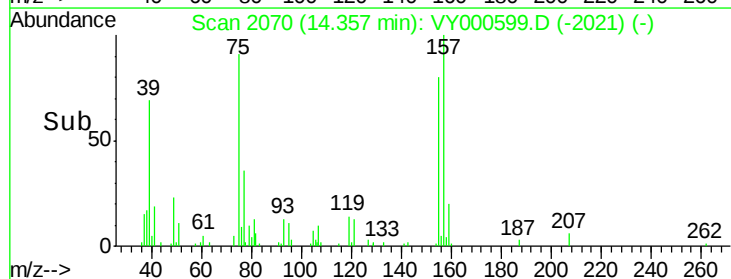
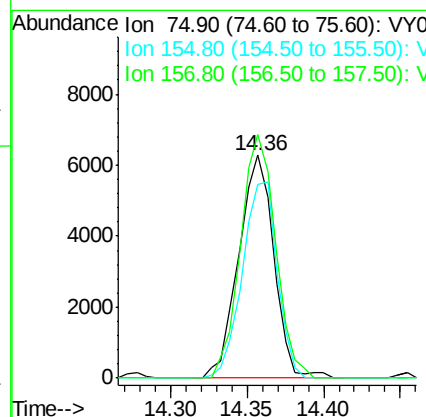
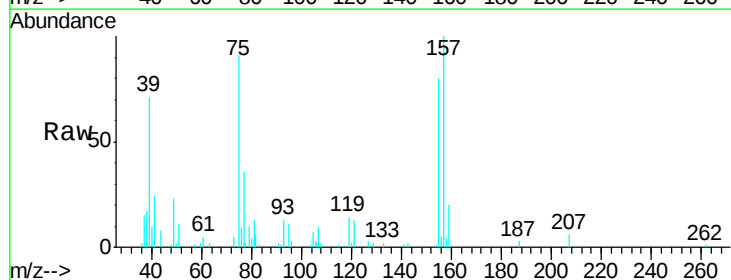
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

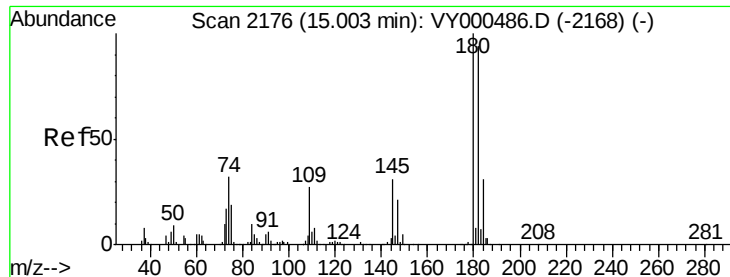
Tgt Ion:146 Resp: 115482
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 66.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion: 75 Resp: 9998
 Ion Ratio Lower Upper
 75 100
 155 87.5 42.4 127.1
 157 108.8 55.1 165.3

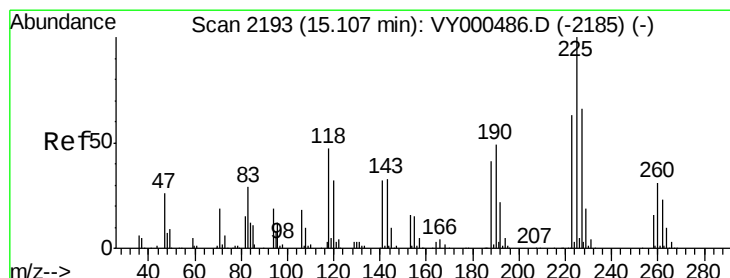
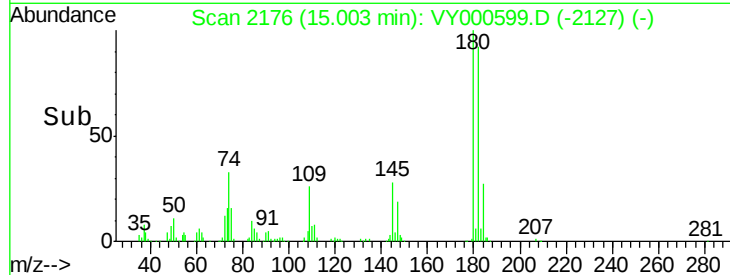
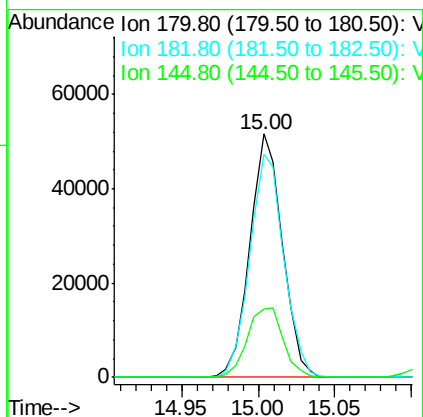
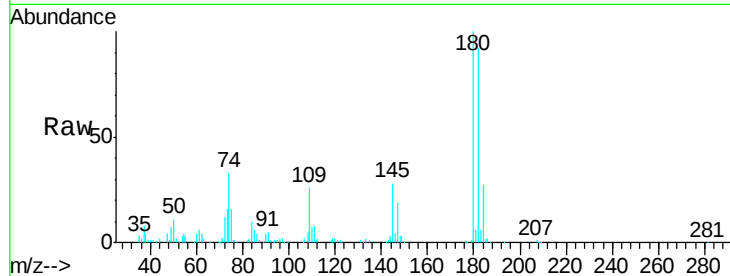




#93
 1,2,4-Trichlorobenzene
 Concen: 19.642 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

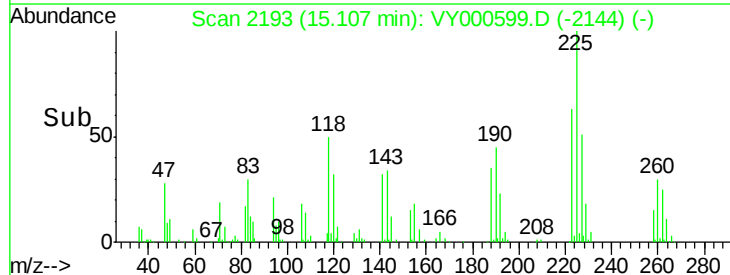
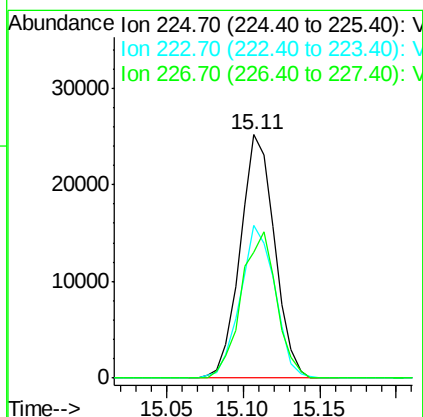
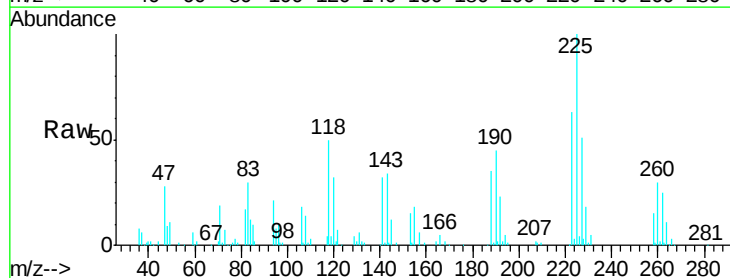
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

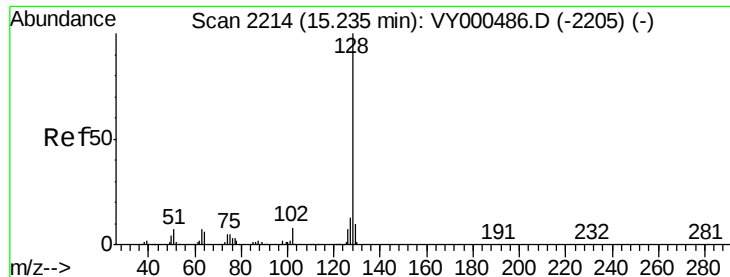
Tgt Ion:180 Resp: 76526
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 31.6 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 19.581 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000599.D
 Acq: 07 Nov 2019 23:09

Tgt Ion:225 Resp: 39325
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.8
 227 61.4 32.4 97.0

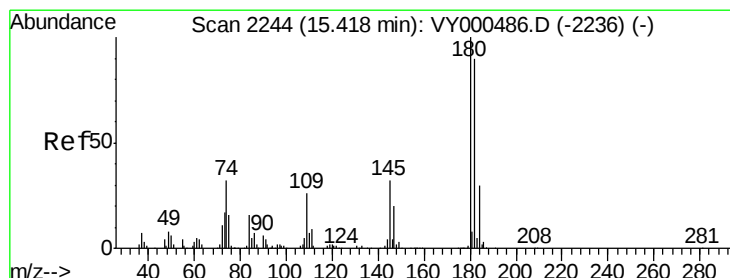
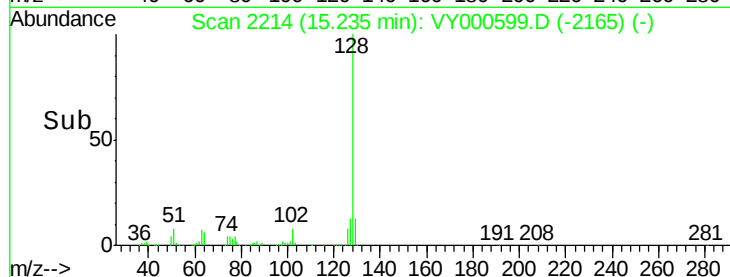
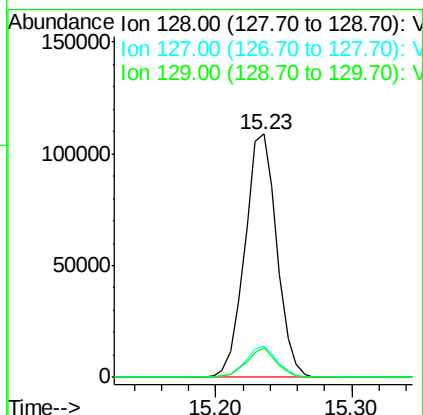
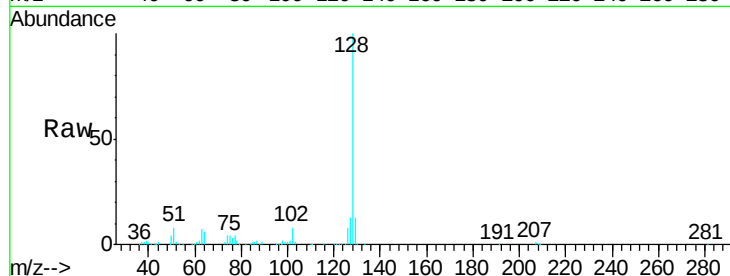




#95
Naphthalene
Concen: 20.663 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion:128 Resp: 178717
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.914 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000599.D
Acq: 07 Nov 2019 23:09

Tgt Ion:180 Resp: 69606
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 33.6 15.7 47.0

