

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000748.D
 Acq On : 20 Nov 2019 12:24
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:40:58 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	204917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	307687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125230	59.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.10%	
35) Dibromofluoromethane	7.73	113	109233	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.18	98	440739	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
62) 4-Bromofluorobenzene	12.48	95	157746	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	38224	18.949	ug/l	98
3) Chloromethane	2.11	50	52041	18.728	ug/l	97
4) Vinyl Chloride	2.25	62	51577	19.988	ug/l	97
5) Bromomethane	2.65	94	36065	23.307	ug/l	93
6) Chloroethane	2.79	64	33209	20.563	ug/l	94
7) Trichlorofluoromethane	3.13	101	71328	20.468	ug/l	99
8) Diethyl Ether	3.53	74	26349	21.279	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43911	20.842	ug/l	98
10) Methyl Iodide	4.10	142	49395	19.871	ug/l	98
11) Tert butyl alcohol	4.96	59	11740	56.872	ug/l #	81
12) 1,1-Dichloroethene	3.87	96	42877	20.947	ug/l	92
13) Acrolein	3.74	56	14444	80.329	ug/l	98
14) Allyl chloride	4.48	41	72809	21.875	ug/l	98
15) Acrylonitrile	5.18	53	71012	111.950	ug/l	99
16) Acetone	3.96	43	56356	96.423	ug/l	94
17) Carbon Disulfide	4.19	76	122264	18.938	ug/l	98
18) Methyl Acetate	4.49	43	38116	20.974	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	121525	21.353	ug/l	95
20) Methylene Chloride	4.72	84	52238	20.859	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	48077	20.776	ug/l	84
22) Diisopropyl ether	6.13	45	159729	22.079	ug/l	97
23) Vinyl Acetate	6.07	43	515951	112.981	ug/l	98
24) 1,1-Dichloroethane	6.03	63	85182	21.735	ug/l	99
25) 2-Butanone	7.00	43	97823	104.873	ug/l	97
26) 2,2-Dichloropropane	6.99	77	74848	20.898	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	55381	21.887	ug/l	99
28) Bromochloromethane	7.35	49	22646	15.725	ug/l	94
29) Tetrahydrofuran	7.36	42	64102	112.334	ug/l	99
30) Chloroform	7.52	83	87151	21.982	ug/l	96
31) Cyclohexane	7.79	56	84963	20.698	ug/l	89
32) 1,1,1-Trichloroethane	7.71	97	76586	21.675	ug/l	99
36) 1,1-Dichloropropene	7.92	75	68107	21.222	ug/l	99
37) Ethyl Acetate	7.09	43	42941	22.537	ug/l	98
38) Carbon Tetrachloride	7.91	117	65175	21.105	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.19	83	86686	20.907	ug/l	98
40) Benzene	8.17	78	197102	20.948	ug/l	100
41) Methacrylonitrile	7.35	41	58926	55.437	ug/l #	57
42) 1,2-Dichloroethane	8.24	62	58887	22.066	ug/l	100
43) Isopropyl Acetate	8.28	43	80183	22.402	ug/l	97
44) Trichloroethene	8.94	130	52863	21.309	ug/l	89
45) 1,2-Dichloropropane	9.22	63	50357	21.746	ug/l	95
46) Dibromomethane	9.31	93	28068	22.039	ug/l	99
47) Bromodichloromethane	9.50	83	66822	22.113	ug/l	96
48) Methyl methacrylate	9.30	41	35051	22.413	ug/l	98
49) 1,4-Dioxane	9.30	88	7938	463.124	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	214745	112.846	ug/l	100
52) Toluene	10.24	92	131266	22.067	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	69089	21.397	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	80058	21.643	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	40465	21.967	ug/l	97
56) Ethyl methacrylate	10.51	69	58365	22.355	ug/l	98
57) 1,3-Dichloropropane	10.79	76	71674	22.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	130918	110.918	ug/l	100
59) 2-Hexanone	10.83	43	149564	107.871	ug/l	100
60) Dibromochloromethane	10.99	129	44810	21.238	ug/l	97
61) 1,2-Dibromoethane	11.09	107	38998	22.019	ug/l	98
64) Tetrachloroethene	10.72	164	54993	21.615	ug/l	95
65) Chlorobenzene	11.52	112	133289	21.366	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	45330	20.952	ug/l	99
67) Ethyl Benzene	11.59	91	241155	21.004	ug/l	98
68) m/p-Xylenes	11.70	106	187098	42.104	ug/l	99
69) o-Xylene	12.03	106	87818	21.028	ug/l	98
70) Styrene	12.04	104	151141	21.135	ug/l	100
71) Bromoform	12.20	173	26493	21.290	ug/l #	100
73) Isopropylbenzene	12.33	105	239261	20.445	ug/l	99
74) N-amyl acetate	12.14	43	71931	21.462	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48931	21.117	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	67731	37.567	ug/l #	100
77) Bromobenzene	12.61	156	53076	20.000	ug/l	97
78) n-propylbenzene	12.67	91	290166	20.550	ug/l	99
79) 2-Chlorotoluene	12.75	91	159759	20.380	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	201535	20.678	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16651	20.707	ug/l	98
82) 4-Chlorotoluene	12.85	91	172999	21.290	ug/l	98
83) tert-Butylbenzene	13.07	119	170566	20.496	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	200519	20.663	ug/l	100
85) sec-Butylbenzene	13.25	105	249642	21.055	ug/l	100
86) p-Isopropyltoluene	13.36	119	219829	20.803	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	104097	20.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	107028	20.605	ug/l	99
89) n-Butylbenzene	13.69	91	217178	20.838	ug/l	99
90) Hexachloroethane	13.95	117	39942	20.446	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	97521	20.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8853	21.588	ug/l	92

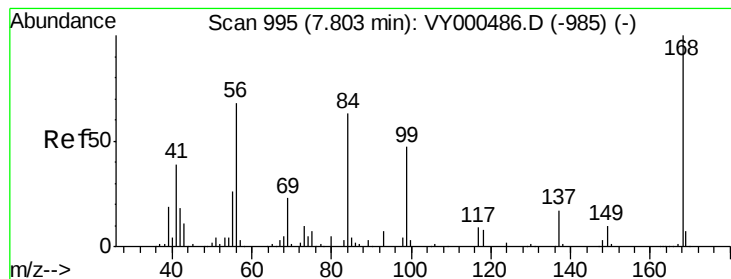
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	65387	20.362	ug/l	96
94) Hexachlorobutadiene	15.11	225	33303	20.119	ug/l	97
95) Naphthalene	15.23	128	148718	20.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	59818	20.763	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

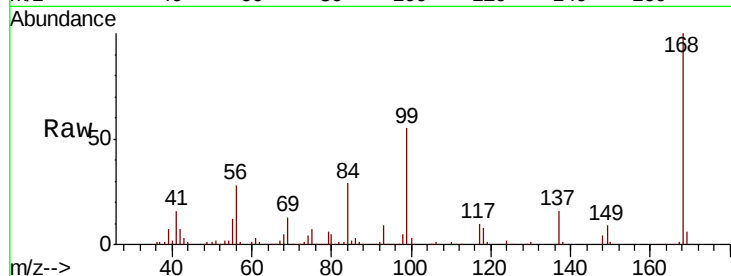
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 204917

Ion Ratio Lower Upper

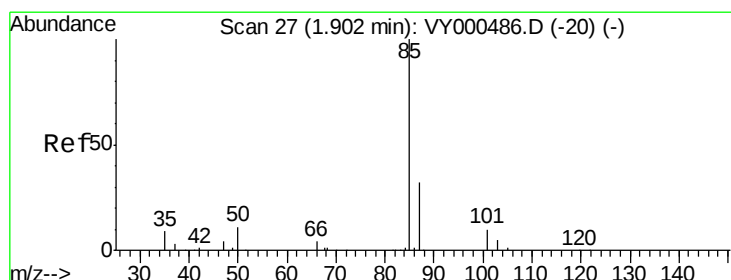
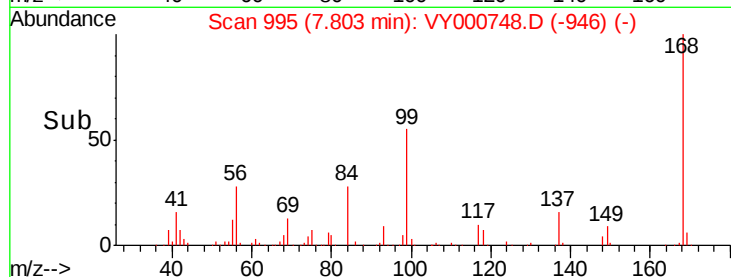
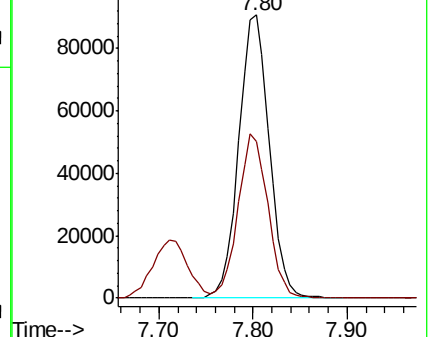
168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000748.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000748.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 18.949 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000748.D

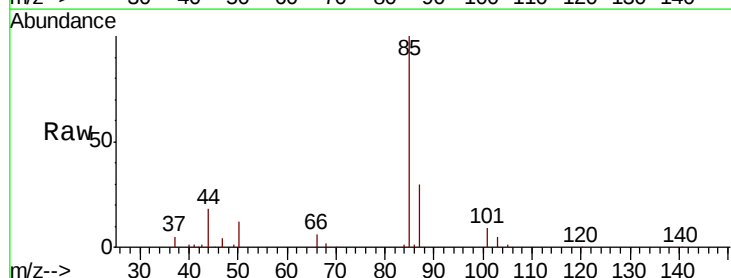
Acq: 20 Nov 2019 12:24

Tgt Ion: 85 Resp: 38224

Ion Ratio Lower Upper

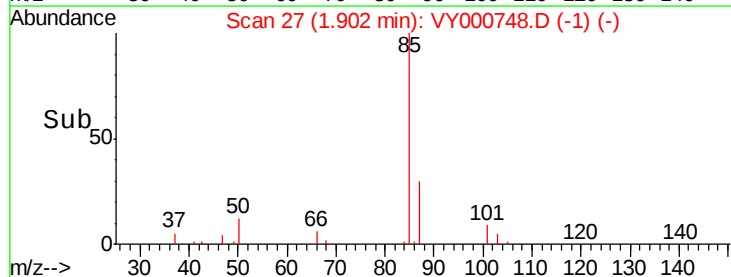
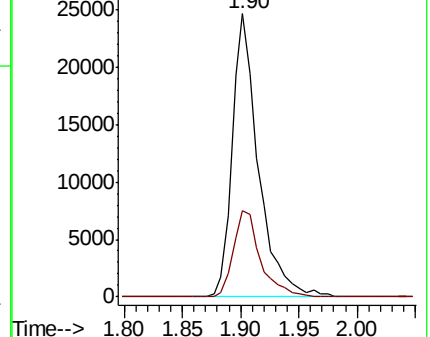
85 100

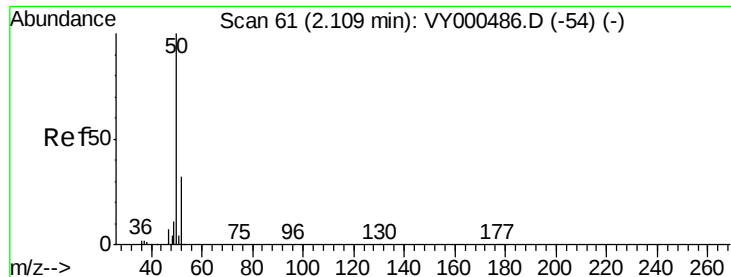
87 30.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000748.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000748.D (-20) (-)





#3

Chloromethane

Concen: 18.728 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

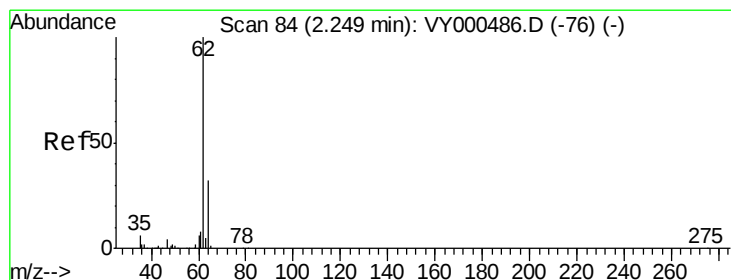
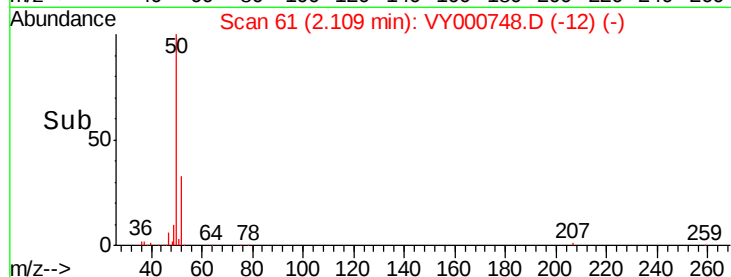
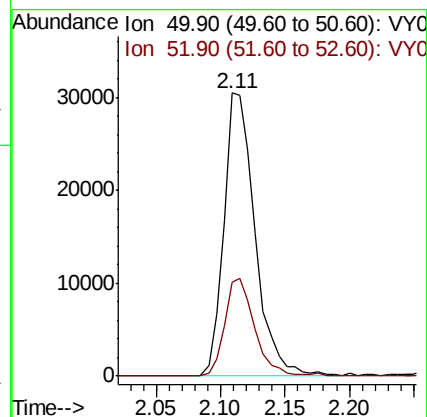
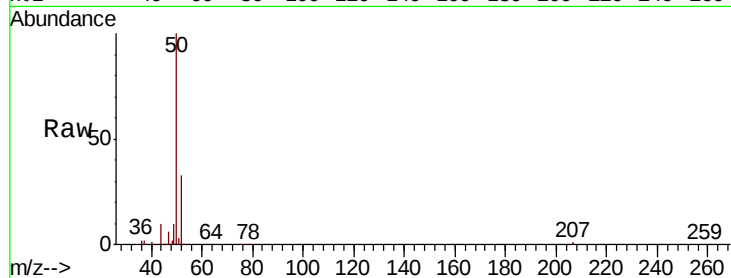
ClientSampleId :

Tot Ion: 50 Resp: 52041

Ion Ratio Lower Upper

50 100

52 33.1 25.2 37.8



#4

Vinyl Chloride

Concen: 19.988 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000748.D

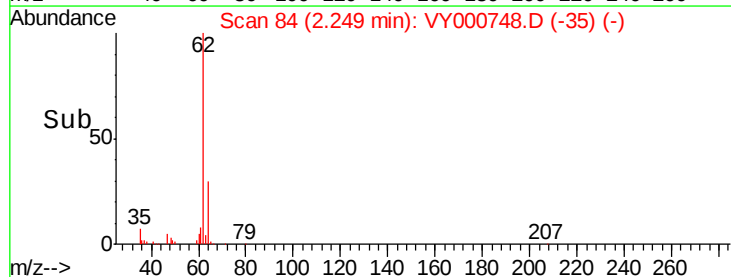
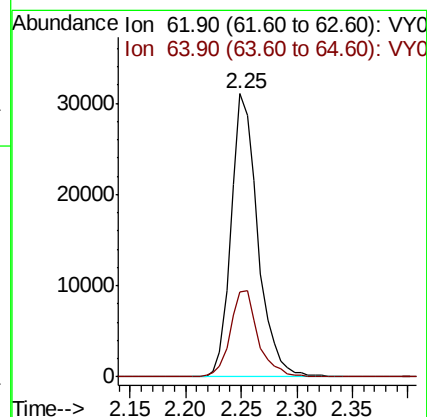
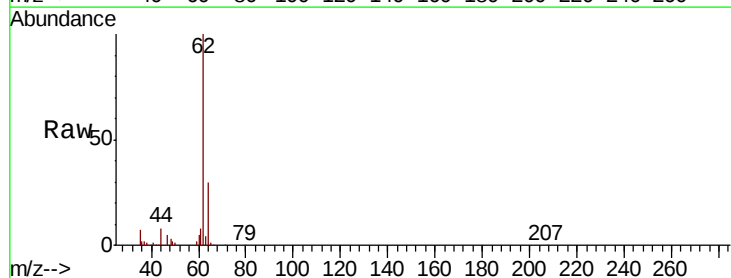
Acq: 20 Nov 2019 12:24

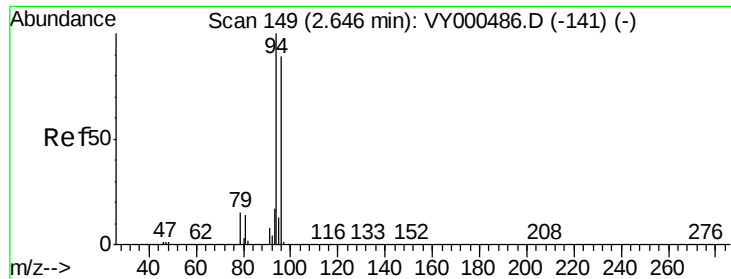
Tgt Ion: 62 Resp: 51577

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 23.307 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

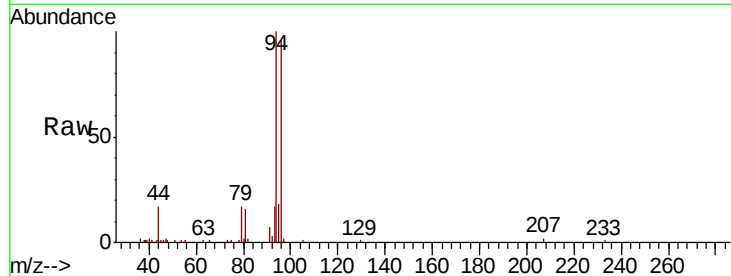
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 36065

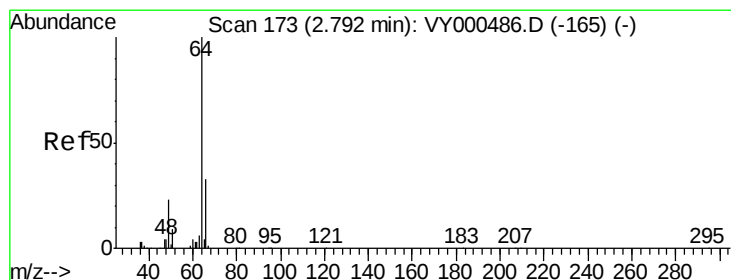
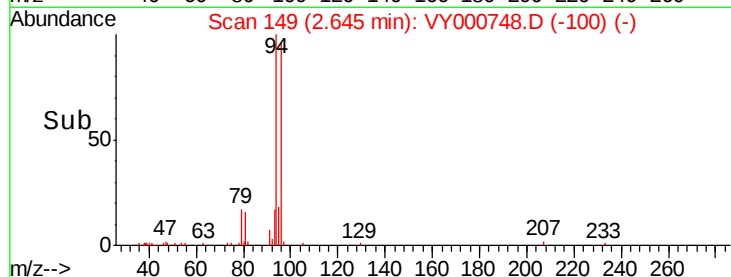
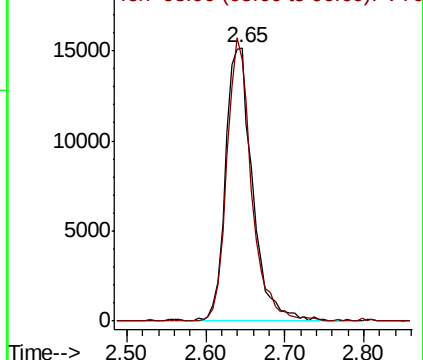
Ion Ratio Lower Upper

94 100

96 95.9 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: 20.563 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000748.D

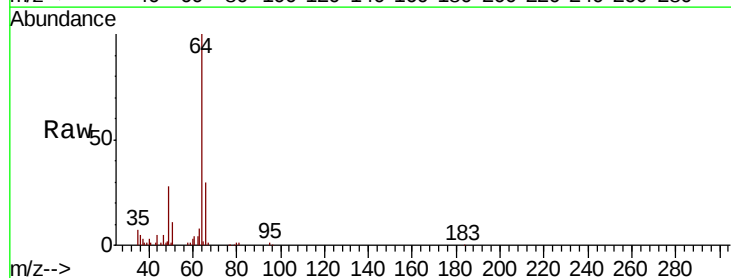
Acq: 20 Nov 2019 12:24

Tgt Ion: 64 Resp: 33209

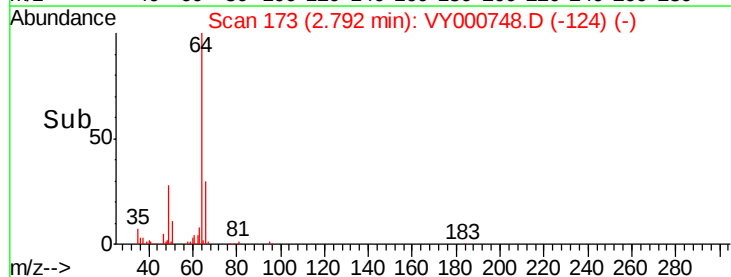
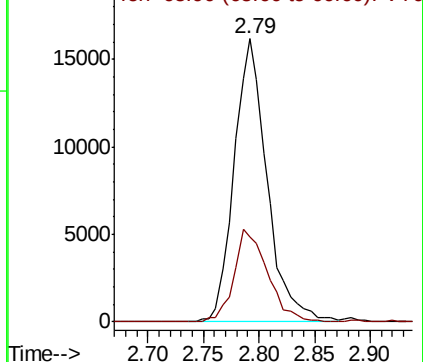
Ion Ratio Lower Upper

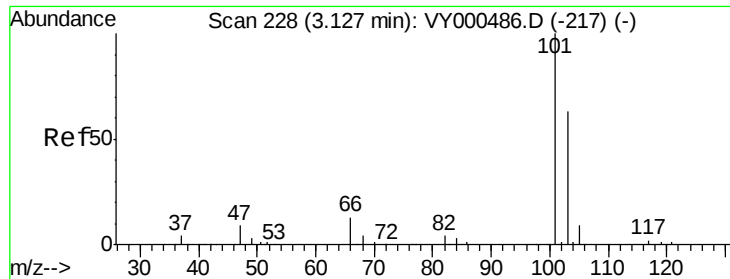
64 100

66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



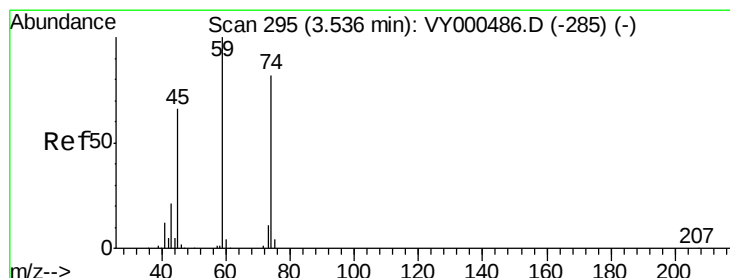
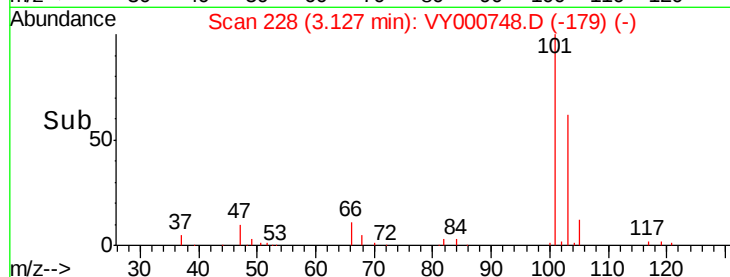
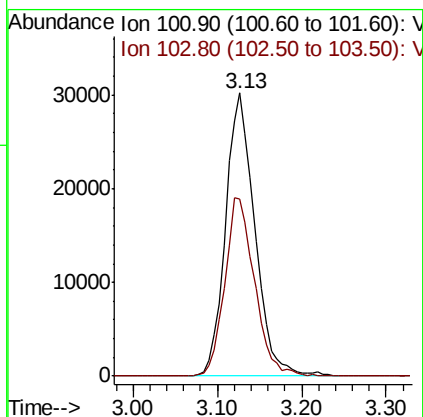
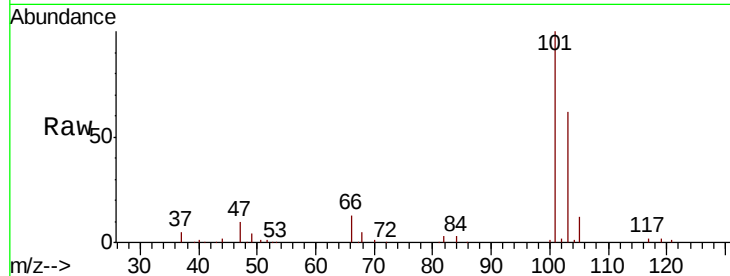


#7

Trichlorofluoromethane
 Concen: 20.468 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :

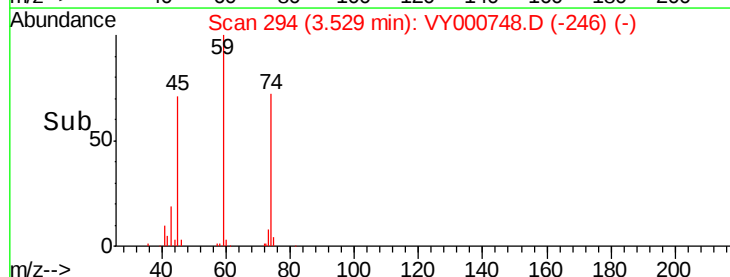
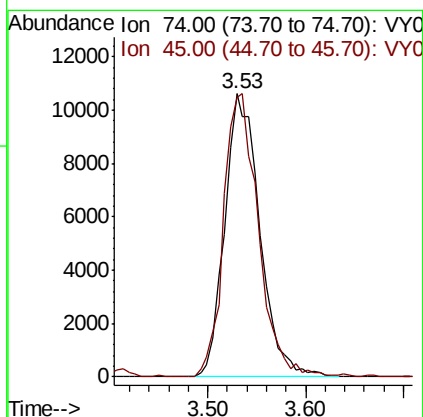
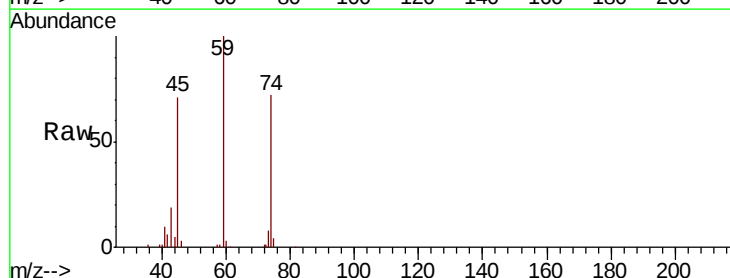
Tot Ion:101 Resp: 71328
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.5 75.7



#8

Diethyl Ether
 Concen: 21.279 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 74 Resp: 26349
 Ion Ratio Lower Upper
 74 100
 45 99.1 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.842 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

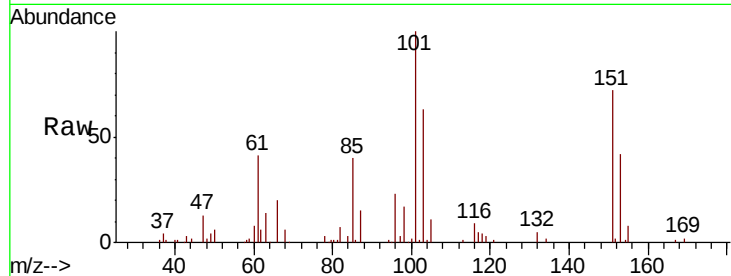
Tot Ion:101 Resp: 43911

Ion Ratio Lower Upper

101 100

85 46.0 36.7 55.1

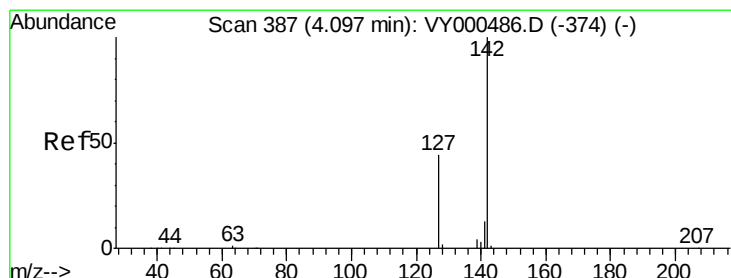
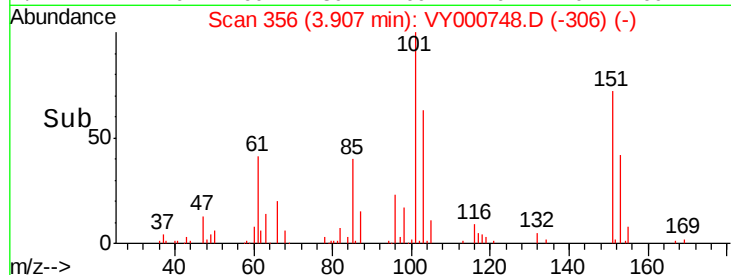
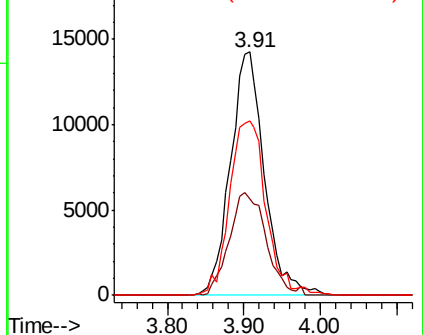
151 77.2 64.3 96.5



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: 19.871 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

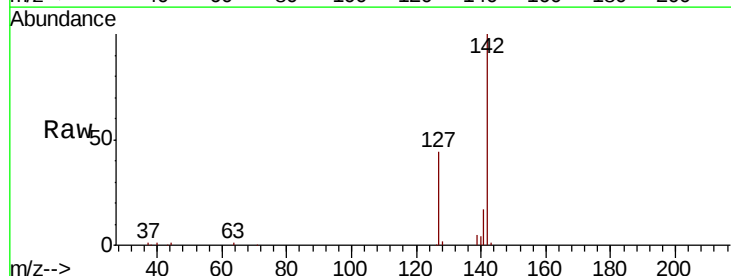
Tgt Ion:142 Resp: 49395

Ion Ratio Lower Upper

142 100

127 43.5 33.7 50.5

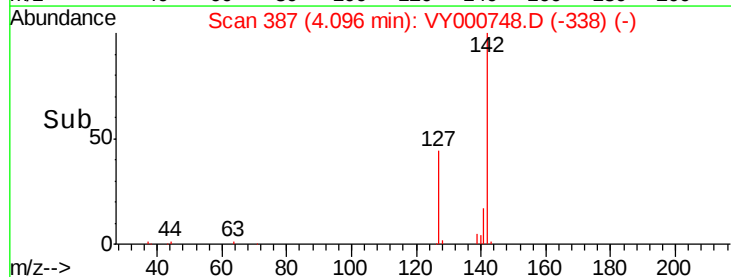
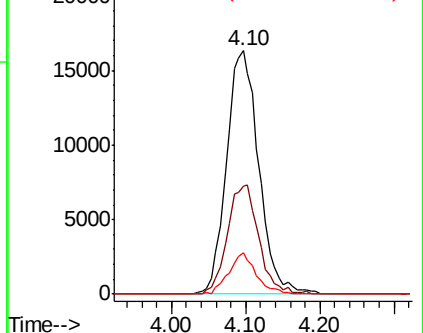
141 14.3 10.9 16.3

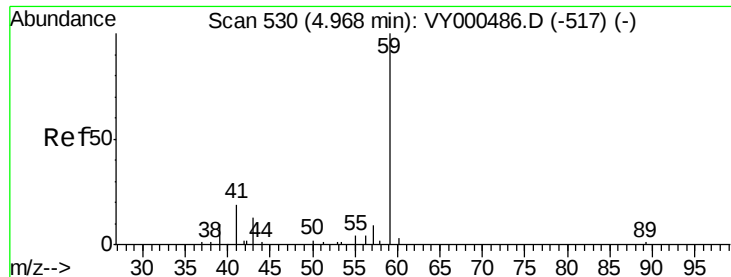


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



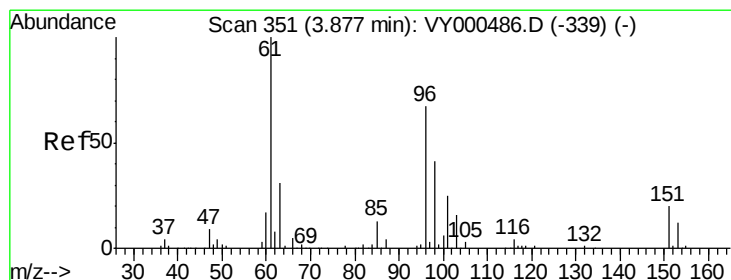
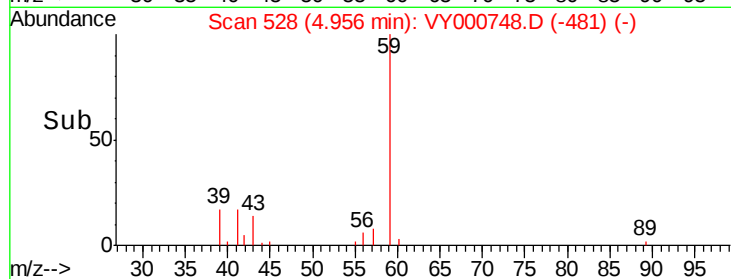
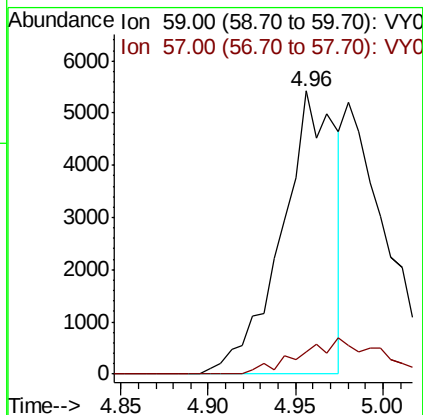
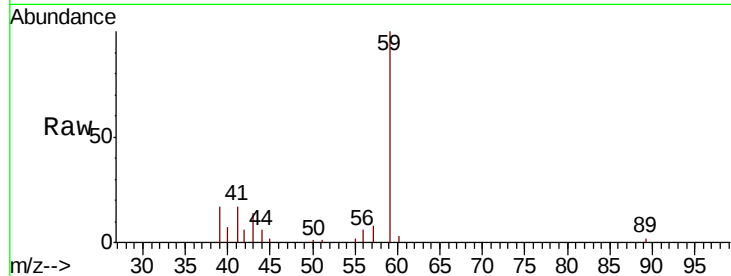


#11

Tert butyl alcohol
Concen: 56.872 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampled :

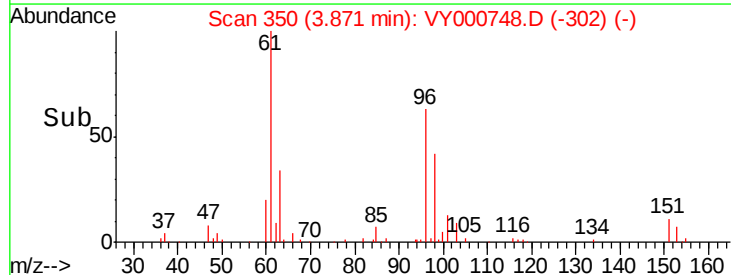
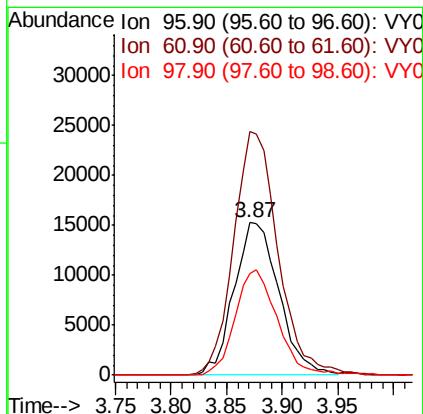
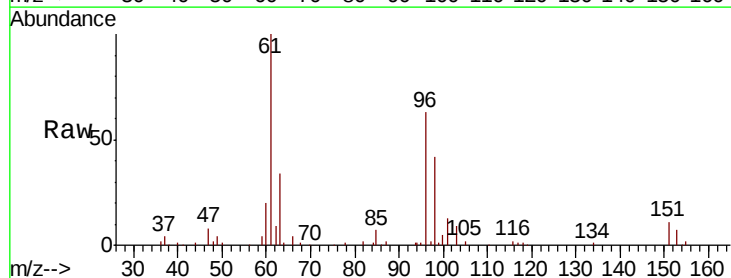
Tot Ion: 59 Resp: 11740
Ion Ratio Lower Upper
59 100
57 18.0 8.6 12.8#



#12

1,1-Dichloroethene
Concen: 20.947 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 96 Resp: 42877
Ion Ratio Lower Upper
96 100
61 159.2 119.2 178.8
98 66.5 48.6 73.0





#13

Acrolein

Concen: 80.329 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

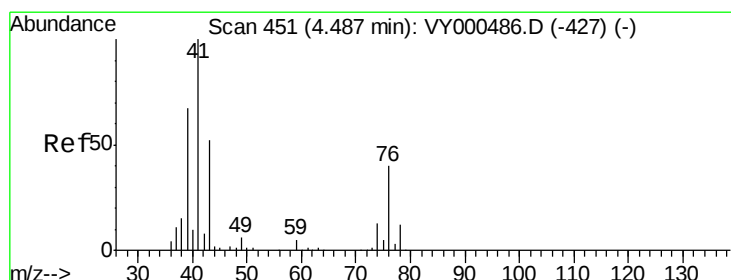
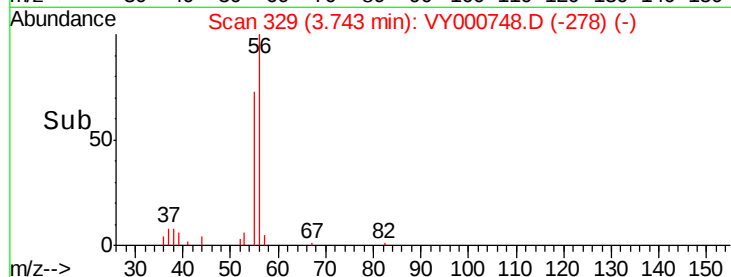
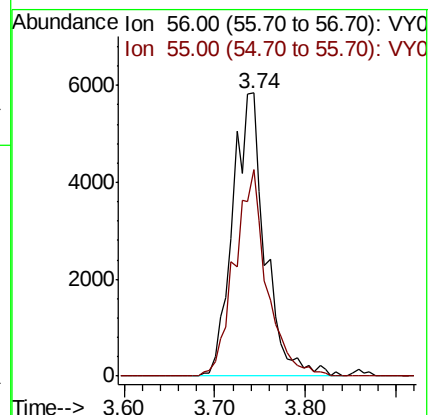
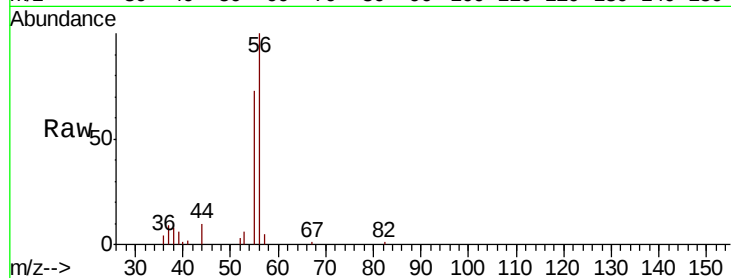
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 14444

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.6



#14

Allyl chloride

Concen: 21.875 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

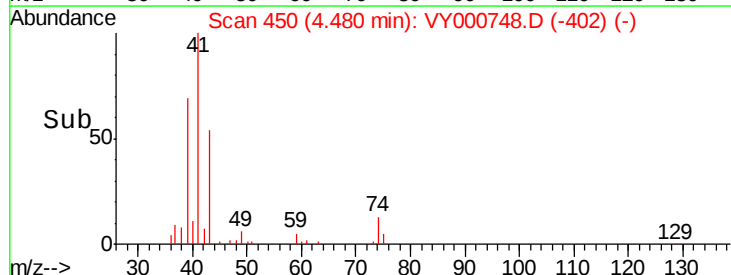
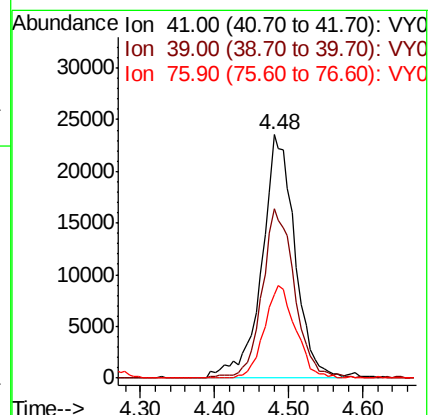
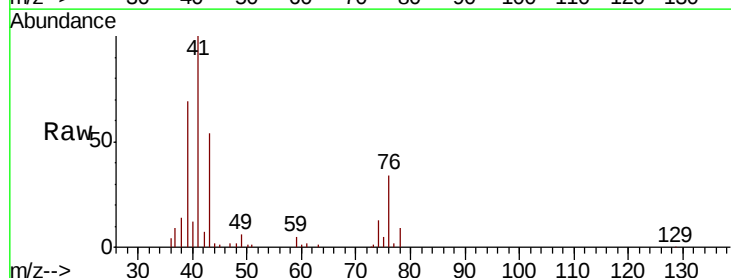
Tgt Ion: 41 Resp: 72809

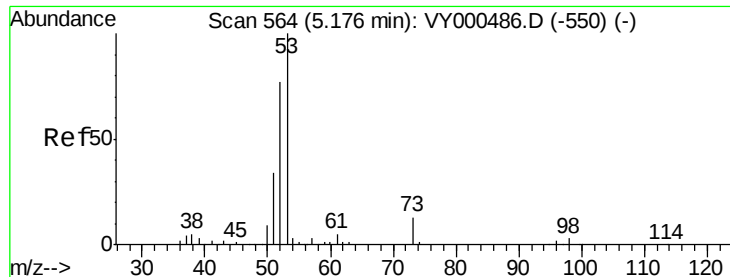
Ion Ratio Lower Upper

41 100

39 68.7 53.6 80.4

76 35.9 29.8 44.6





#15

Acrylonitrile

Concen: 111.950 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampled :

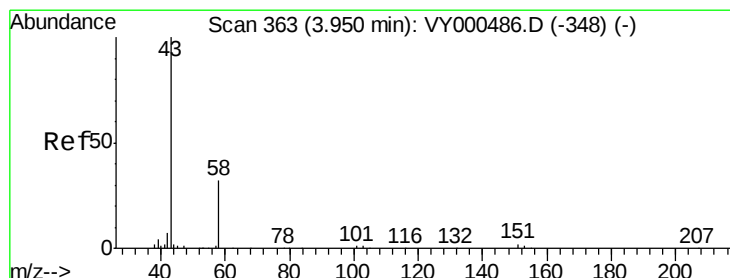
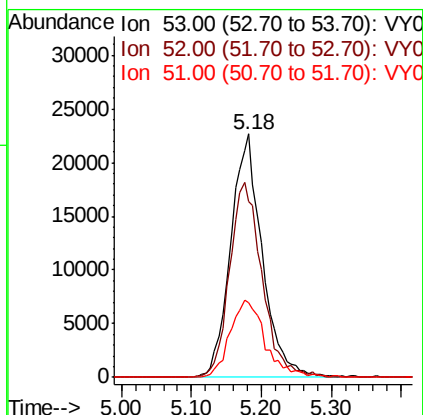
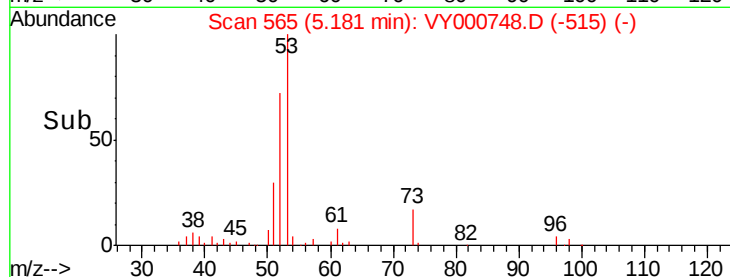
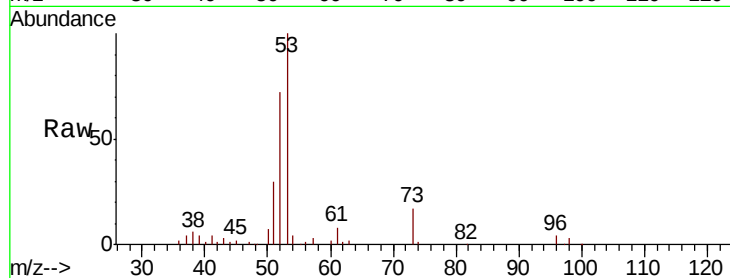
Tot Ion: 53 Resp: 71012

Ion Ratio Lower Upper

53 100

52 82.2 64.9 97.3

51 35.3 27.6 41.4



#16

Acetone

Concen: 96.423 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000748.D

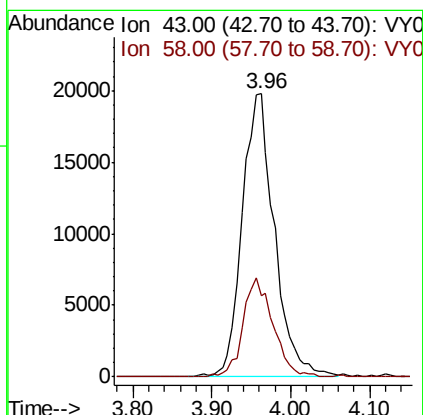
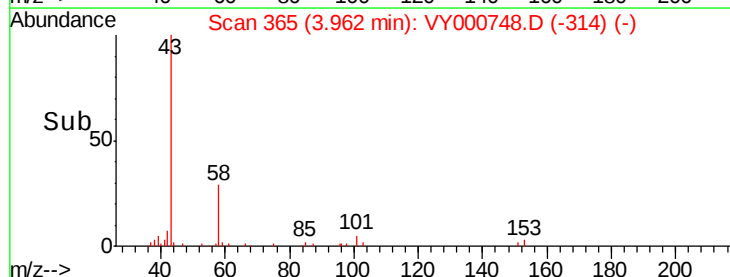
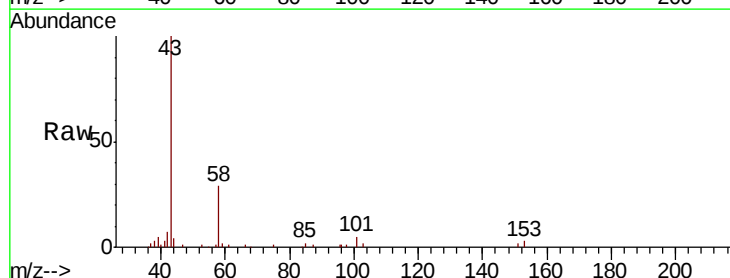
Acq: 20 Nov 2019 12:24

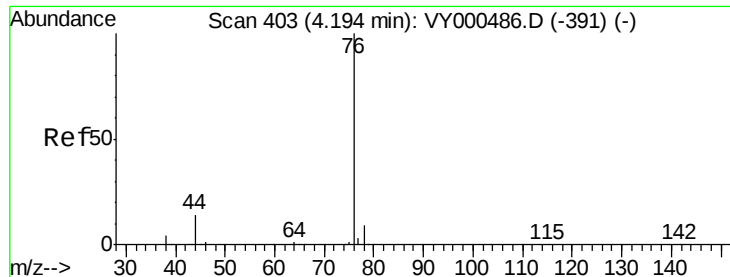
Tgt Ion: 43 Resp: 56356

Ion Ratio Lower Upper

43 100

58 28.7 25.8 38.6

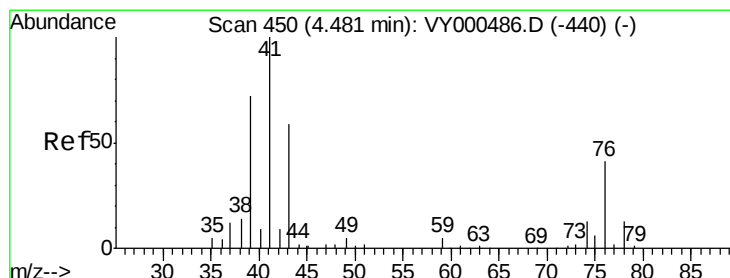
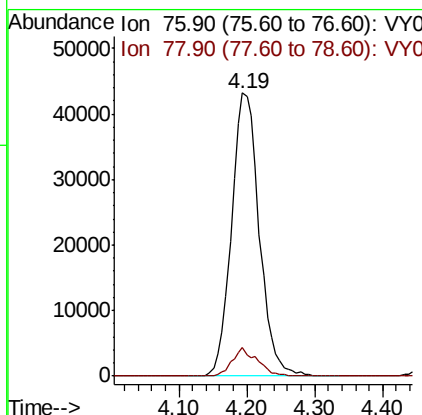
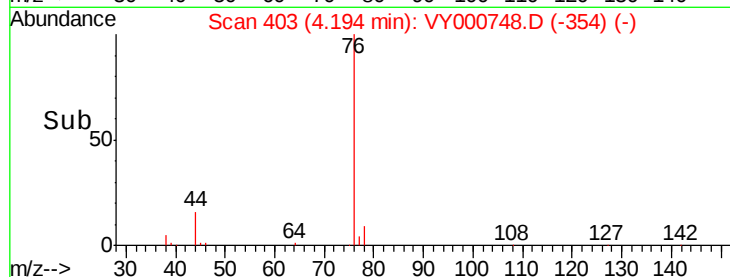
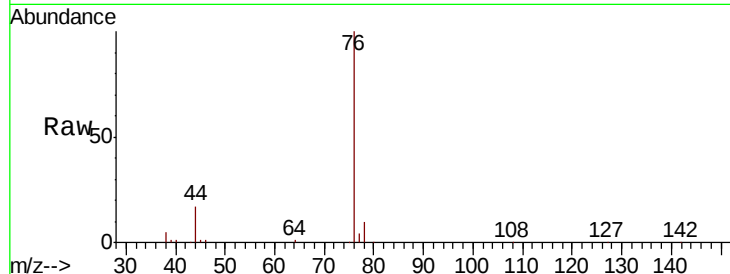




#17
Carbon Disulfide
Concen: 18.938 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

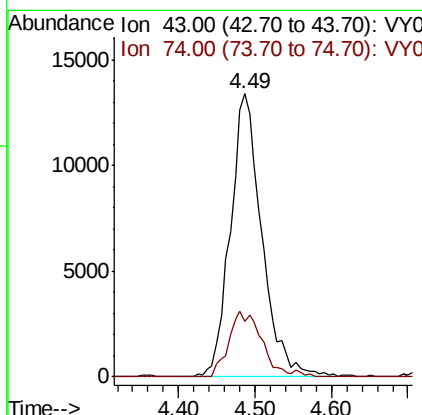
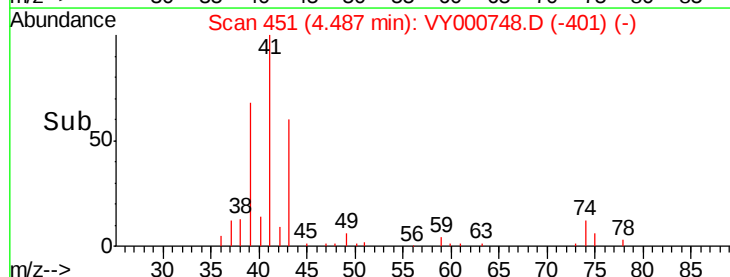
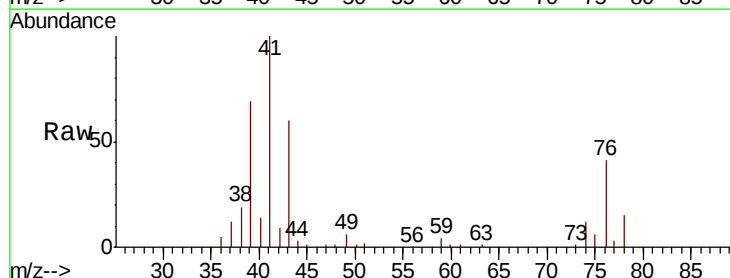
Instrument :
MSVOA_Y
ClientSampleId :

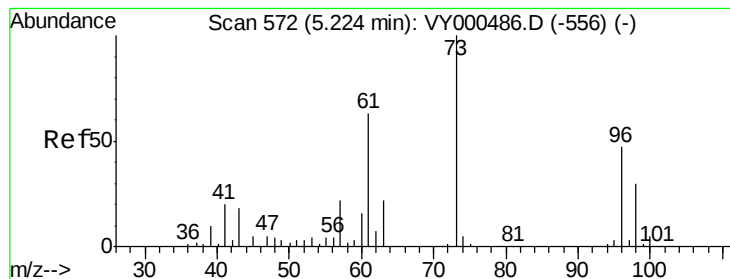
Tot Ion: 76 Resp: 122264
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.974 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 43 Resp: 38116
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



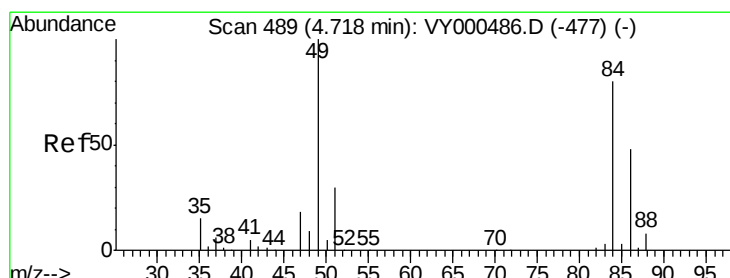
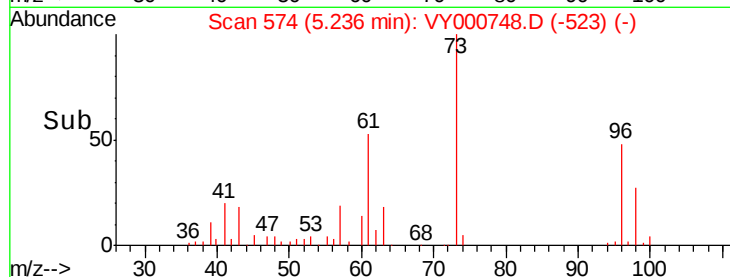
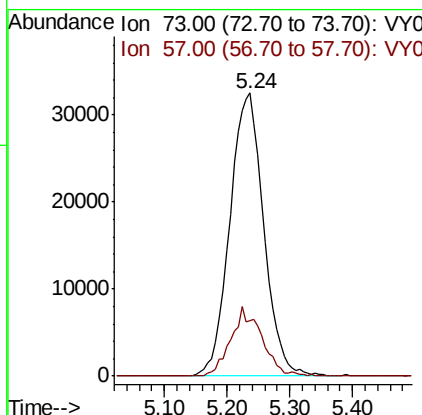
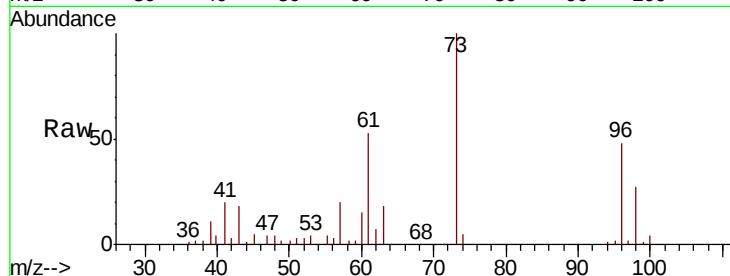


#19

Methyl tert-butyl Ether
 Concen: 21.353 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :

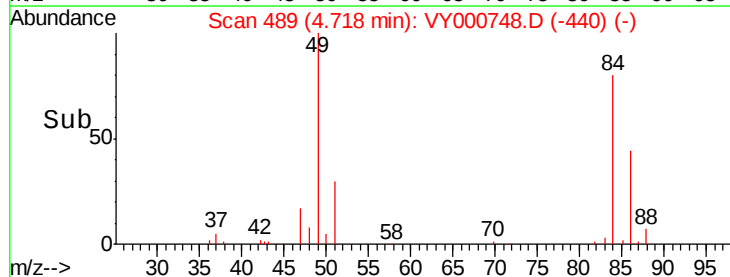
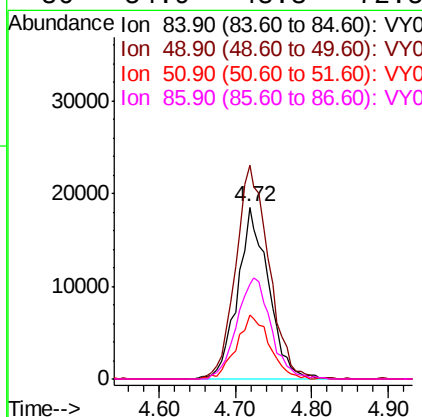
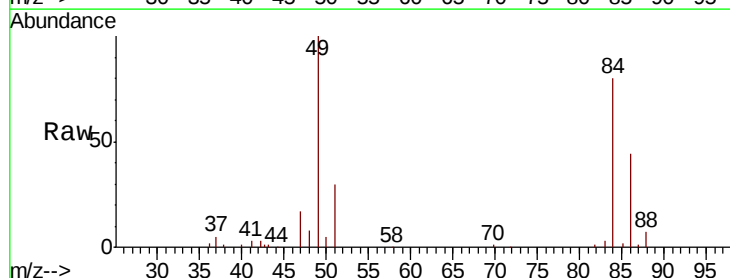
Tot Ion: 73 Resp: 121525
 Ion Ratio Lower Upper
 73 100
 57 19.5 17.4 26.0

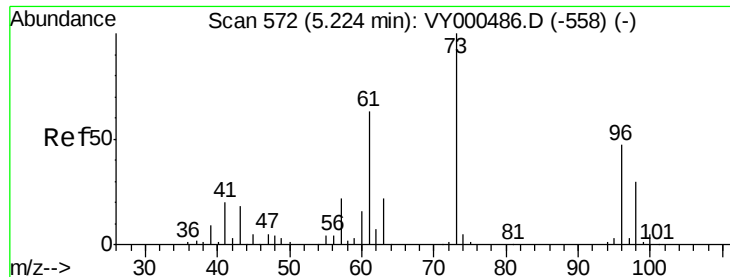


#20

Methylene Chloride
 Concen: 20.859 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 84 Resp: 52238
 Ion Ratio Lower Upper
 84 100
 49 124.3 100.2 150.4
 51 36.9 29.6 44.4
 86 54.9 48.3 72.5

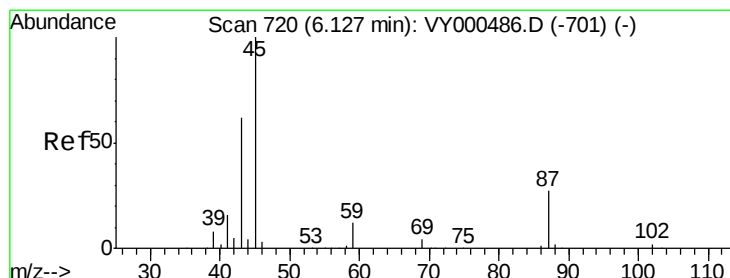
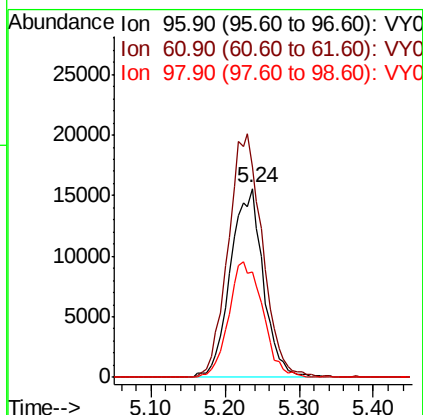
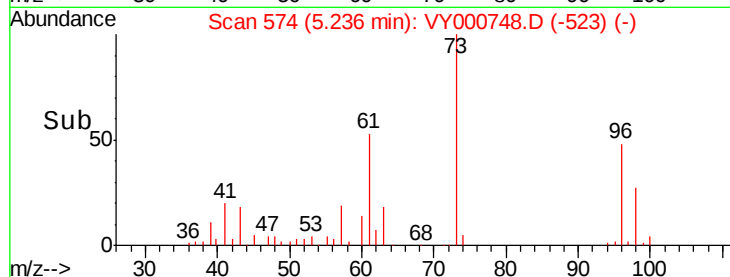
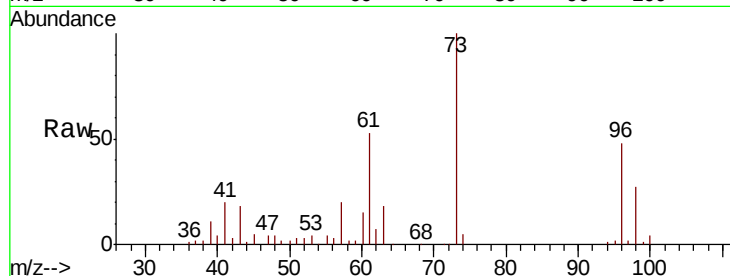




#21
trans-1,2-Dichloroethene
Concen: 20.776 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

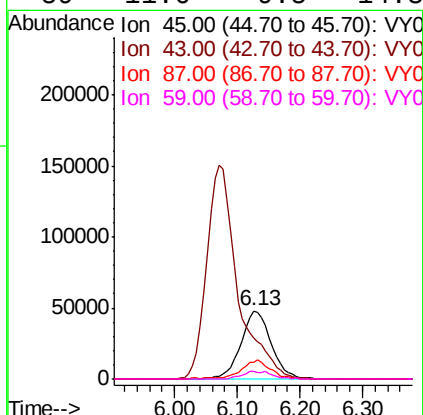
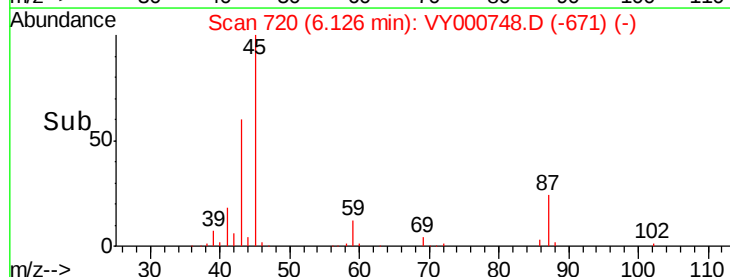
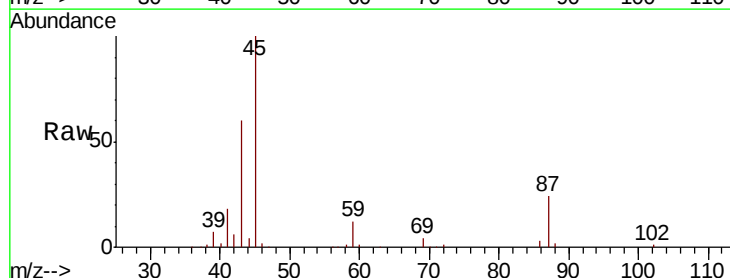
Instrument :
MSVOA_Y
ClientSampleId :

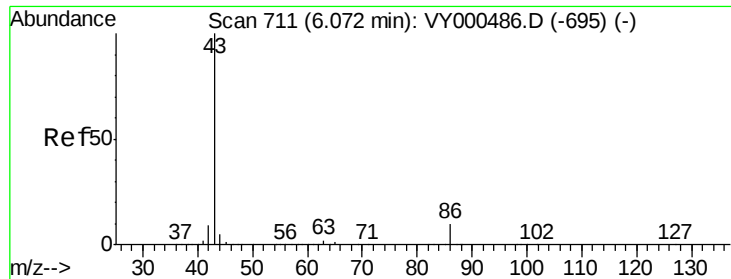
Tot Ion: 96 Resp: 48077
Ion Ratio Lower Upper
96 100
61 111.1 106.6 160.0
98 55.8 50.6 76.0



#22
Diisopropyl ether
Concen: 22.079 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 45 Resp: 159729
Ion Ratio Lower Upper
45 100
43 60.1 50.0 75.0
87 24.1 21.6 32.4
59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 112.981 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

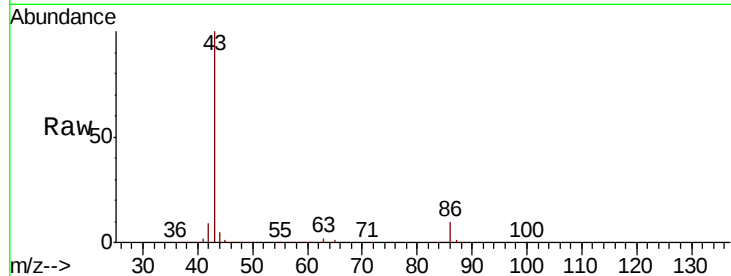
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 515951

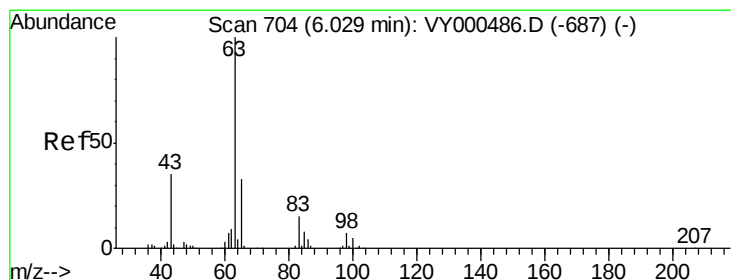
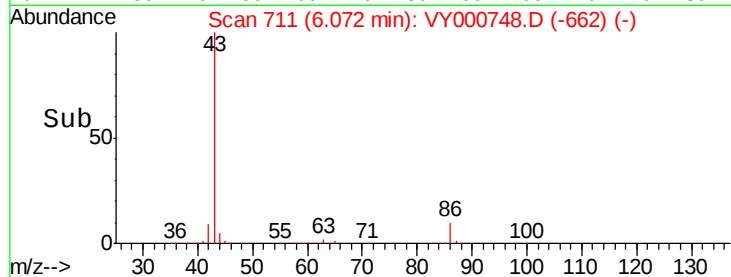
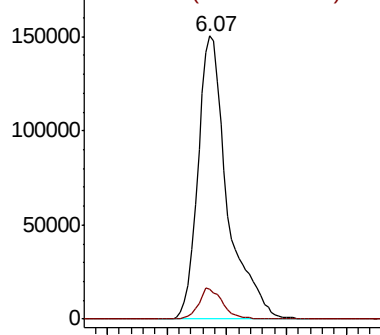
Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.735 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

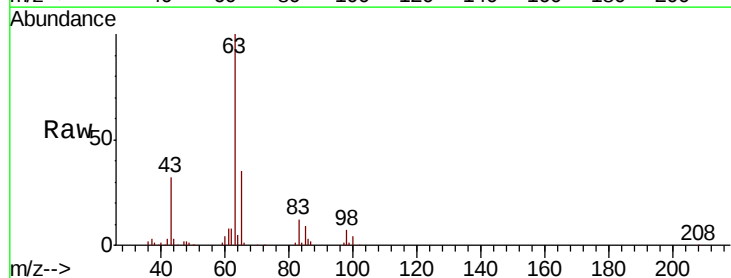
Tgt Ion: 63 Resp: 85182

Ion Ratio Lower Upper

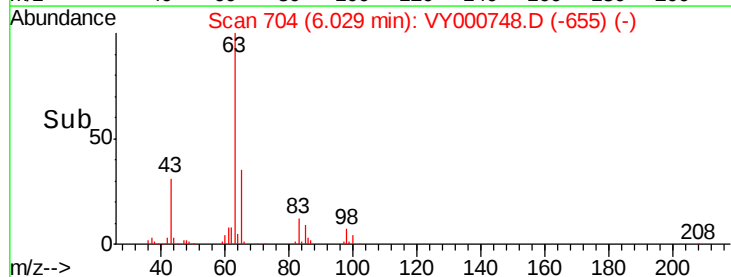
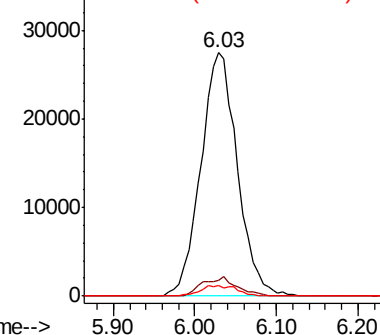
63 100

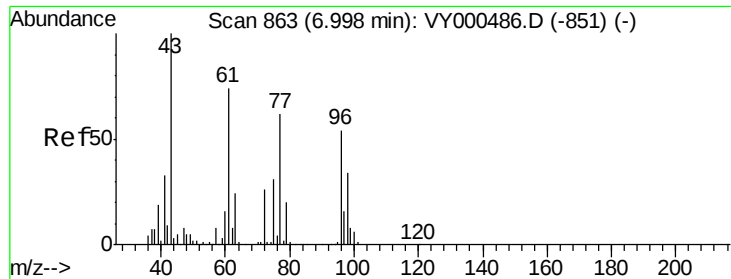
98 6.6 3.5 10.6

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.873 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

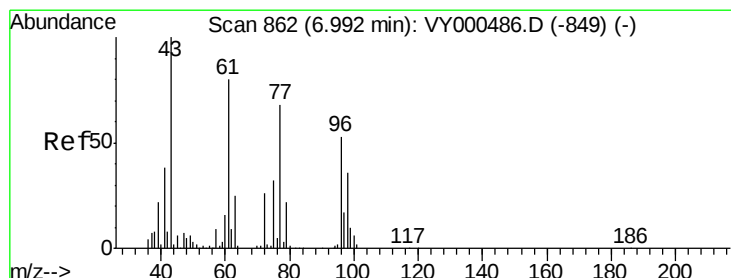
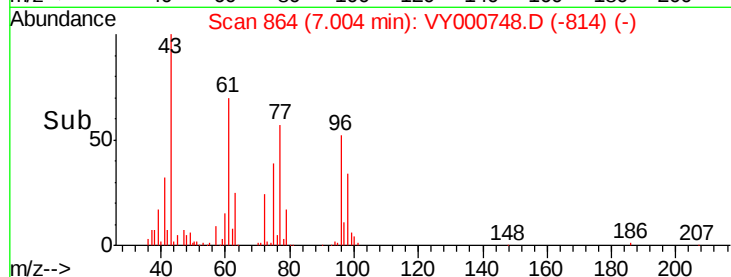
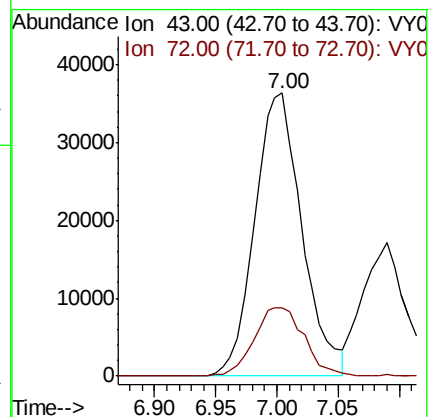
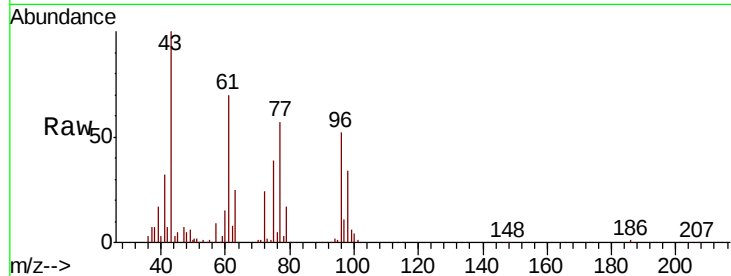
ClientSampled :

Tot Ion: 43 Resp: 97823

Ion Ratio Lower Upper

43 100

72 24.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.898 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000748.D

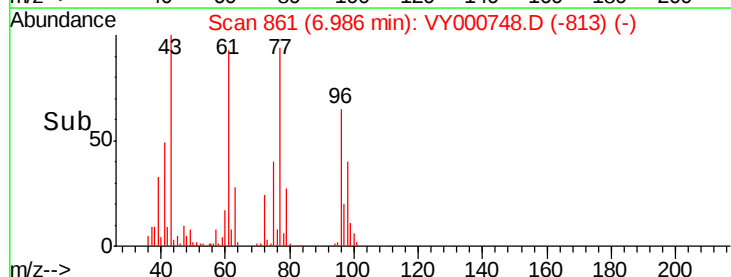
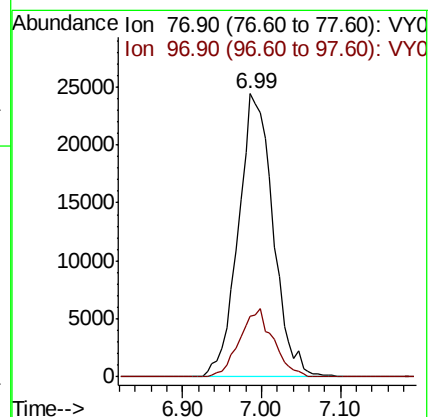
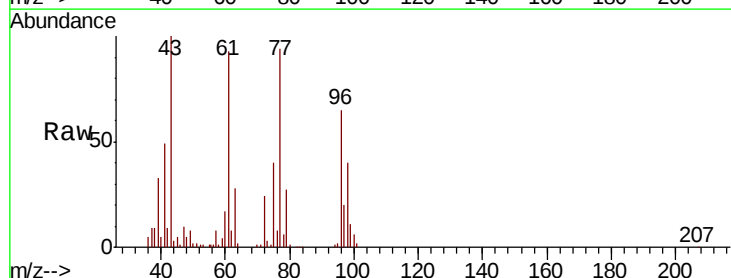
Acq: 20 Nov 2019 12:24

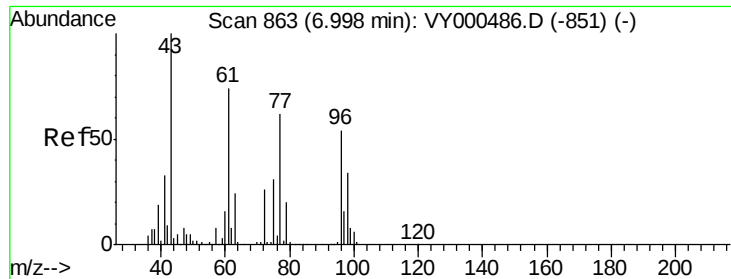
Tgt Ion: 77 Resp: 74848

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4



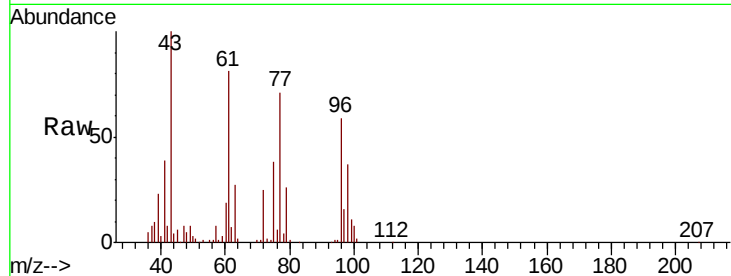


#27

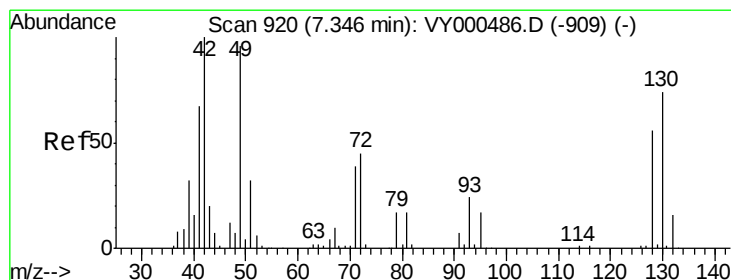
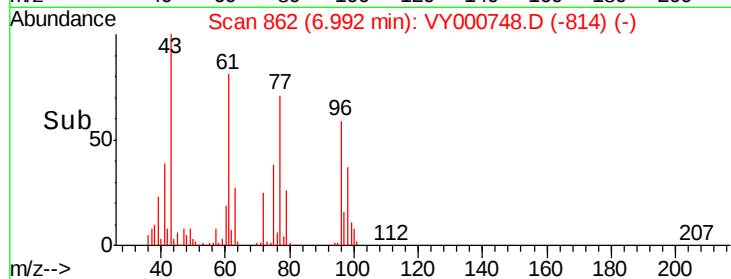
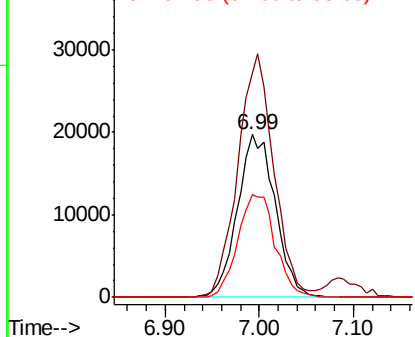
cis-1,2-Dichloroethene
 Concen: 21.887 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 55381
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 287.0
 98 63.0 0.0 129.4



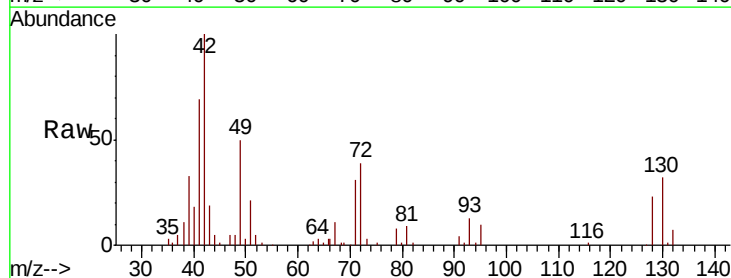
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



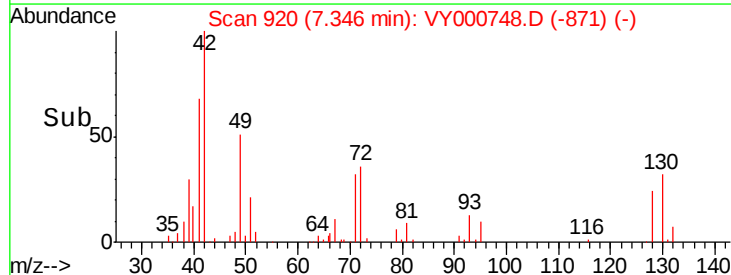
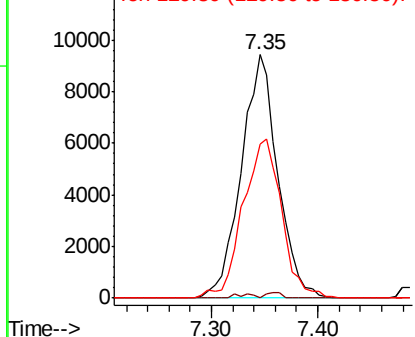
#28

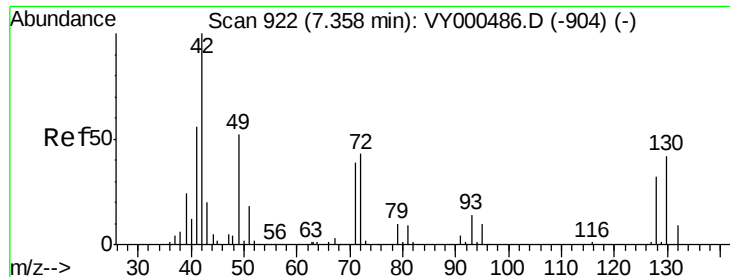
Bromochloromethane
 Concen: 15.725 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 49 Resp: 22646
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.6
 130 69.4 59.4 89.0



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

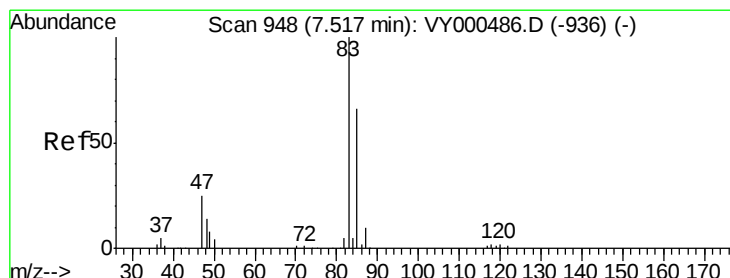
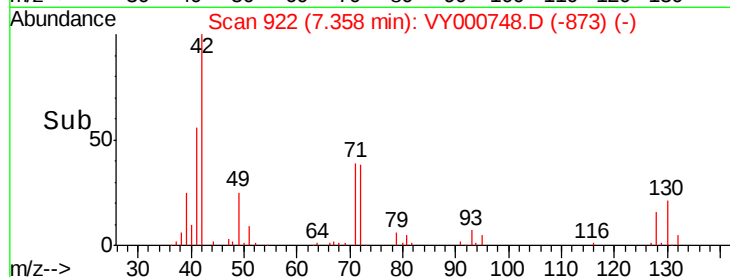
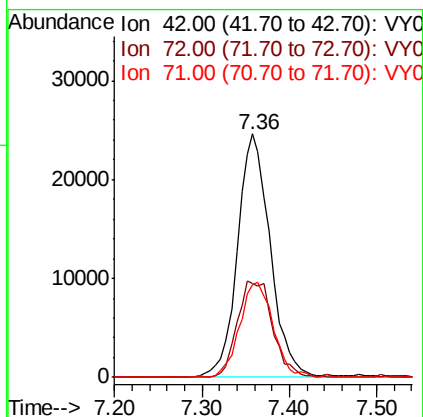
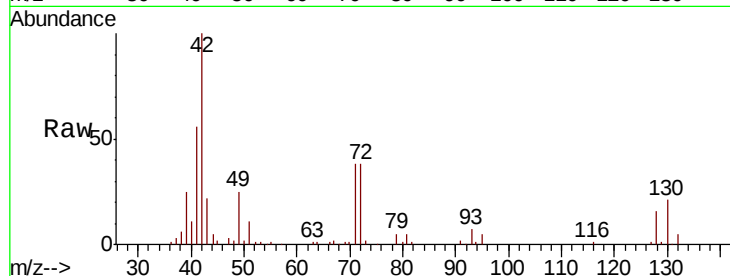




#29
Tetrahydrofuran
Concen: 112.334 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

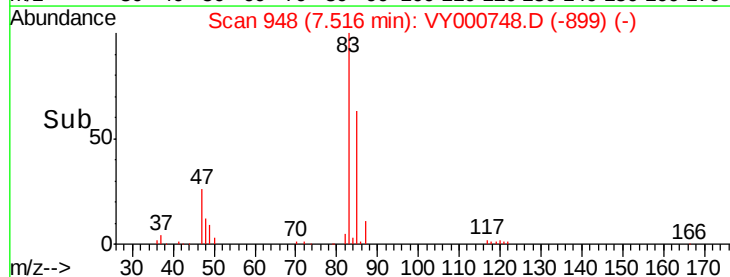
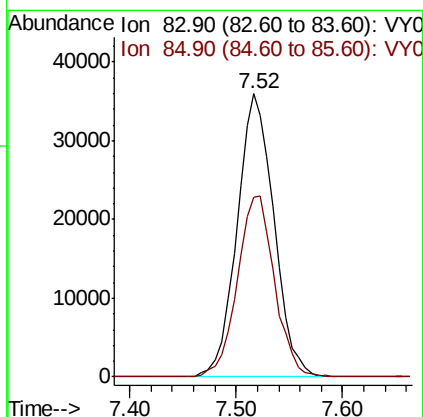
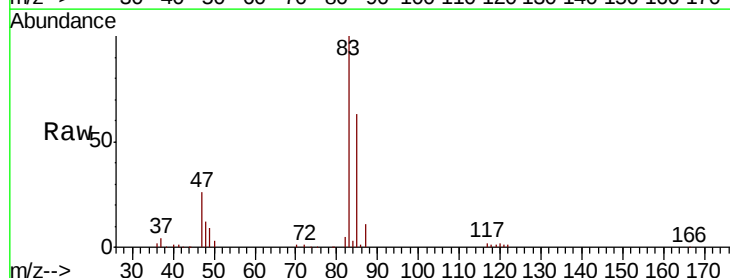
Instrument :
MSVOA_Y
ClientSampleId :

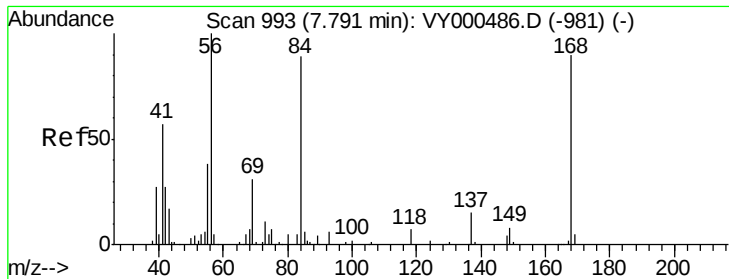
Tot Ion: 42 Resp: 64102
Ion Ratio Lower Upper
42 100
72 42.3 34.0 51.0
71 39.9 30.8 46.2



#30
Chloroform
Concen: 21.982 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 83 Resp: 87151
Ion Ratio Lower Upper
83 100
85 63.4 53.0 79.4





#31

Cyclohexane

Concen: 20.698 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :

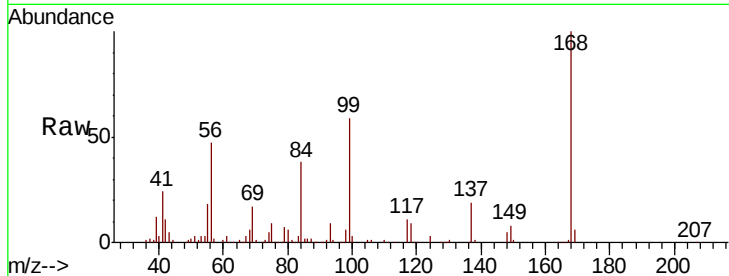
Tot Ion: 56 Resp: 84963

Ion Ratio Lower Upper

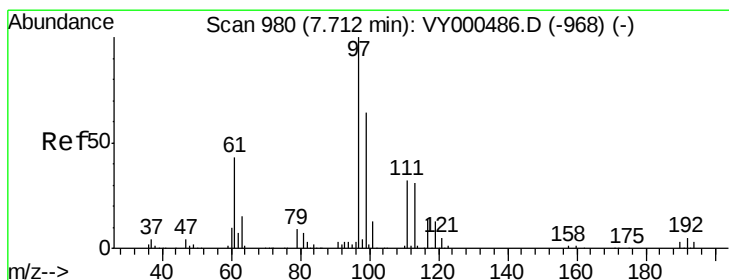
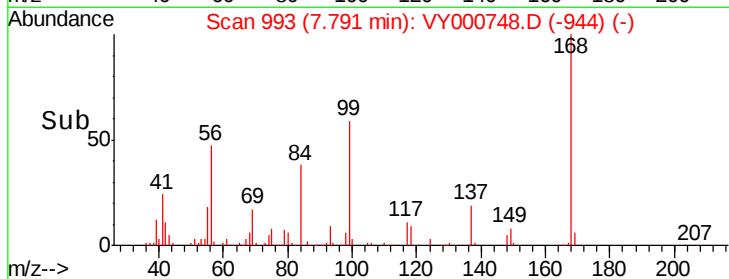
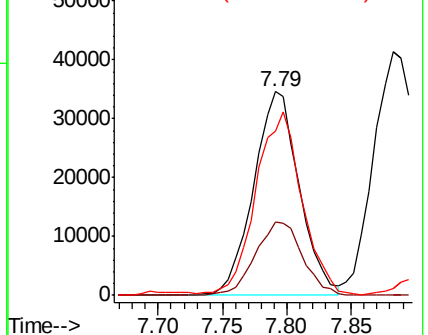
56 100

69 36.0 25.0 37.6

84 78.7 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: 21.675 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

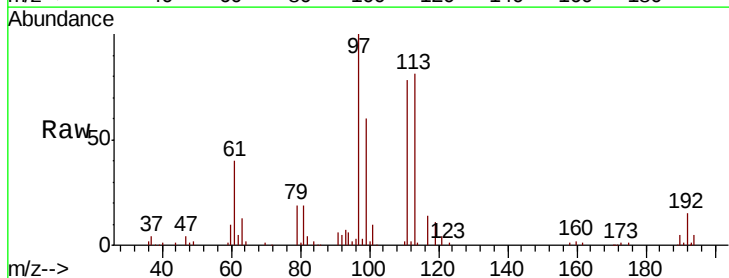
Tgt Ion: 97 Resp: 76586

Ion Ratio Lower Upper

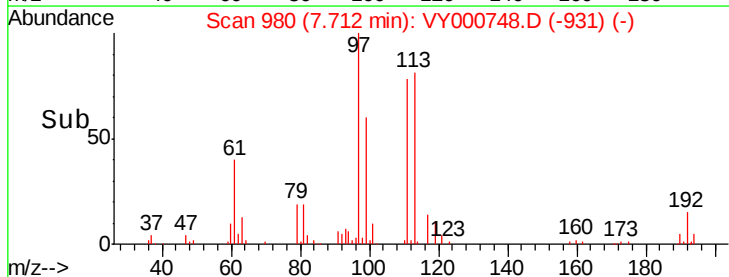
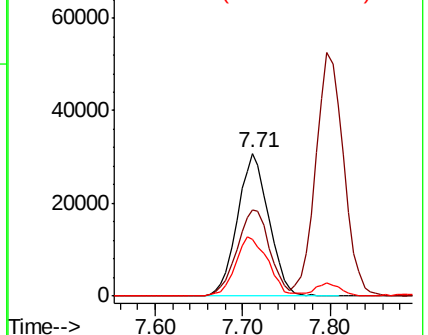
97 100

99 63.1 50.9 76.3

61 43.1 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

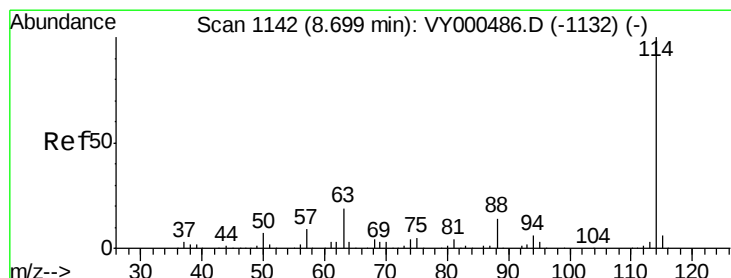
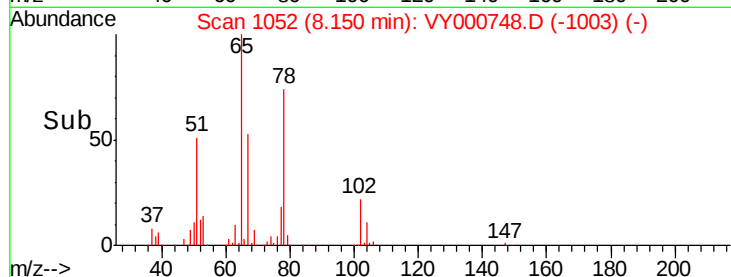
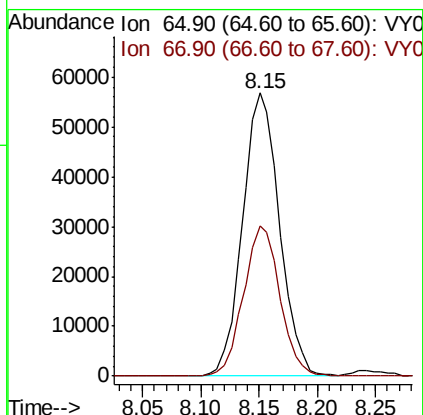
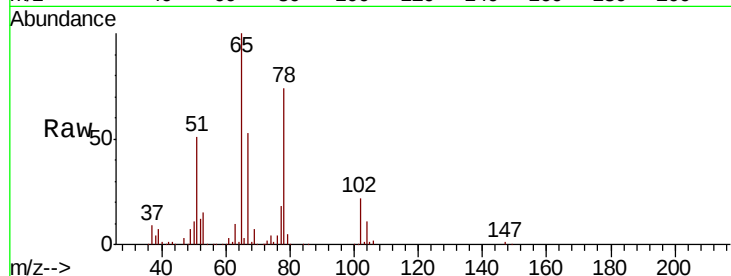




#33
 1,2-Dichloroethane-d4
 Concen: 59.053 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

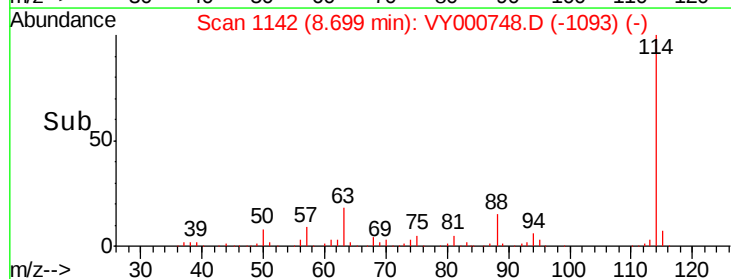
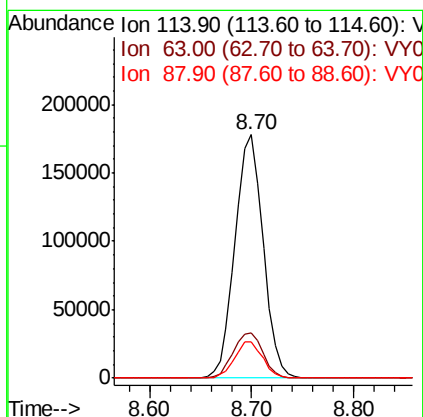
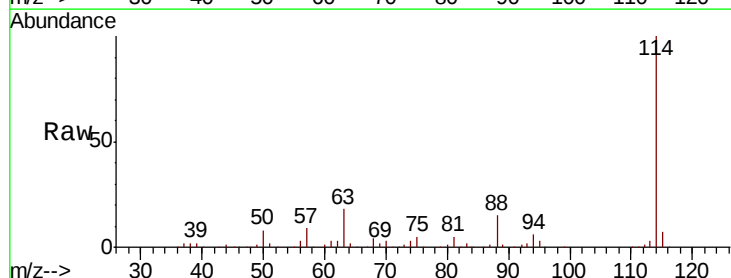
Instrument :
 MSVOA_Y
 ClientSampleId :

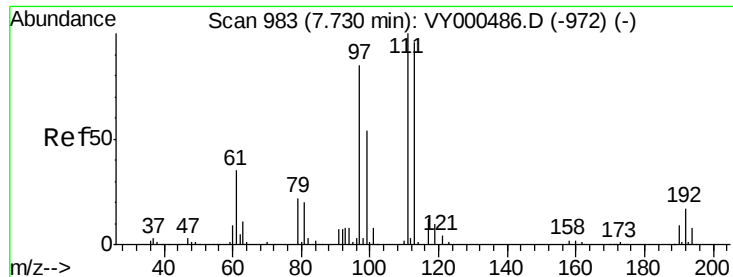
Tot Ion: 65 Resp: 125230
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 114 Resp: 339482
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.0 0.0 28.6

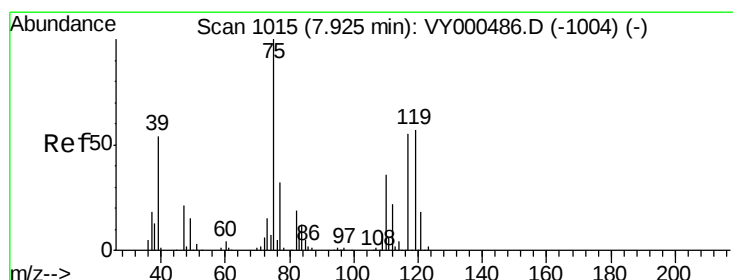
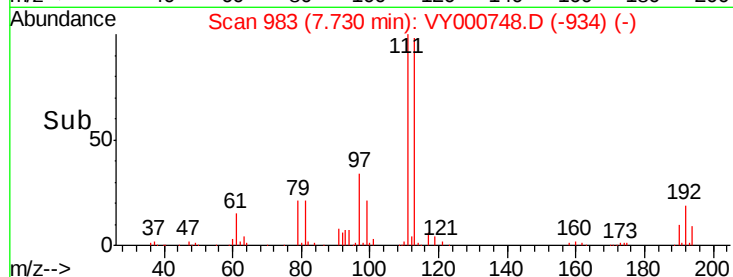
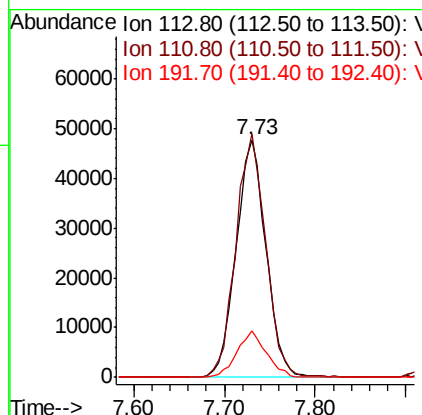
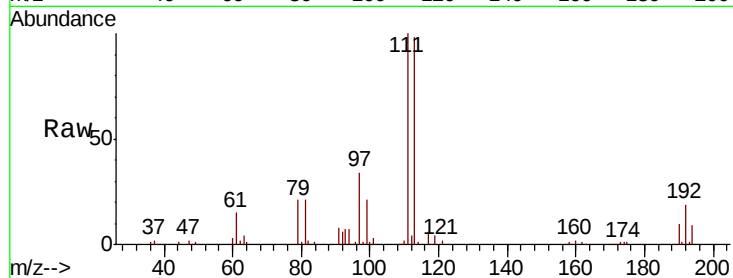




#35
Dibromofluoromethane
Concen: 54.809 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

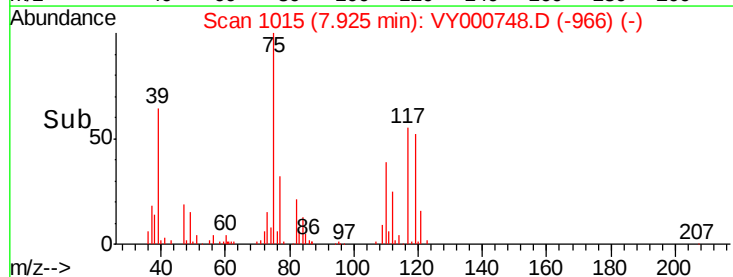
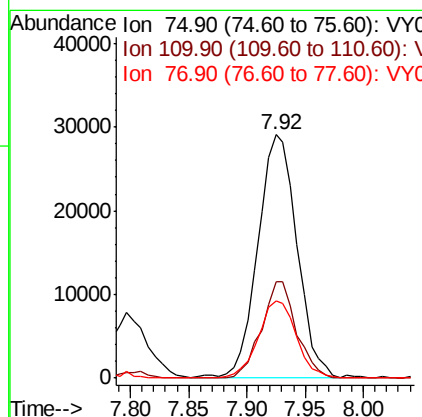
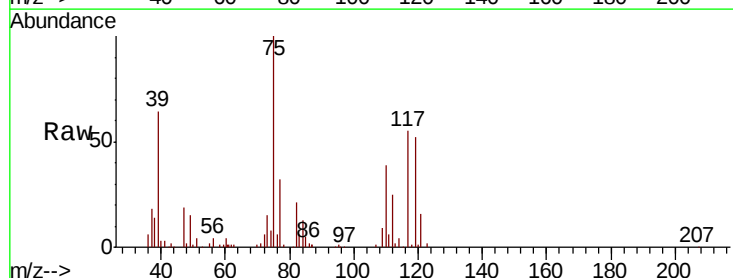
Instrument :
MSVOA_Y
ClientSampleId :

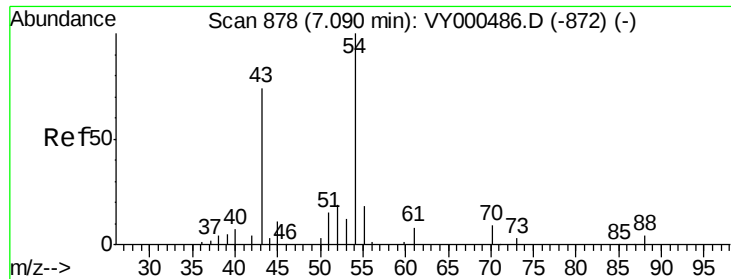
Tot Ion:113 Resp: 109233
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 21.222 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 75 Resp: 68107
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.1
77 31.0 25.0 37.6

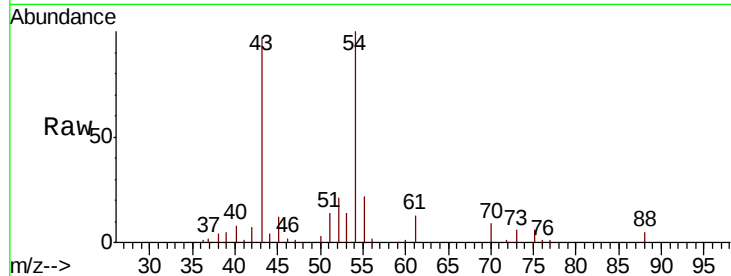




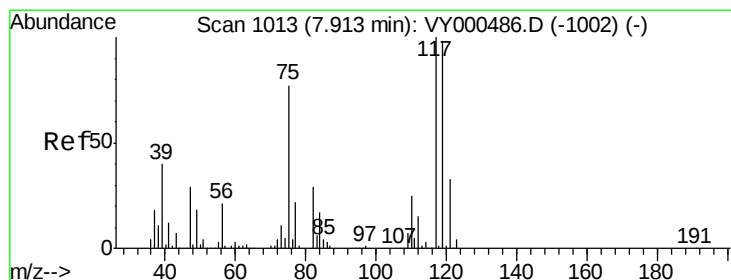
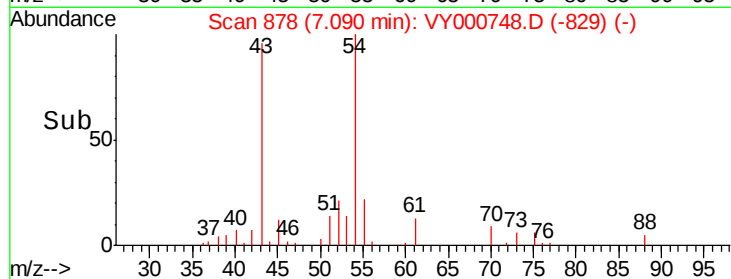
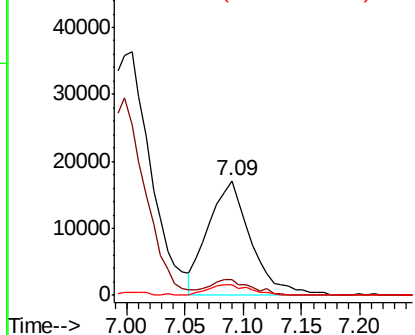
#37
Ethyl Acetate
Concen: 22.537 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 42941
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 9.4 7.8 11.8

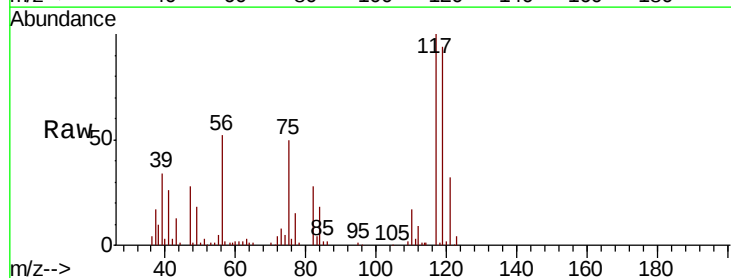


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

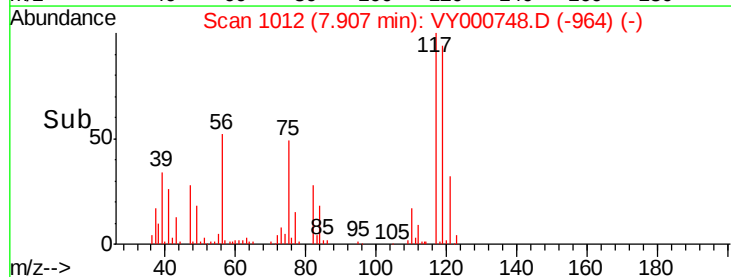
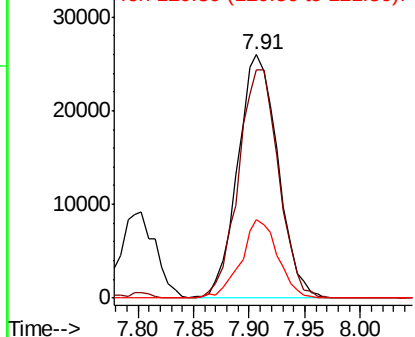


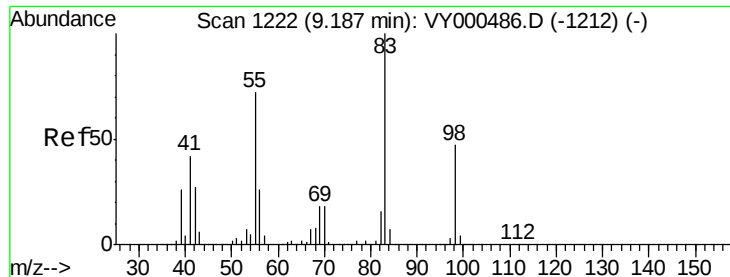
#38
Carbon Tetrachloride
Concen: 21.105 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 117 Resp: 65175
Ion Ratio Lower Upper
117 100
119 93.6 78.0 117.0
121 32.2 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

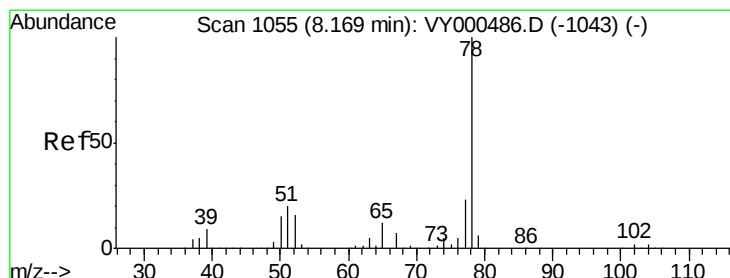
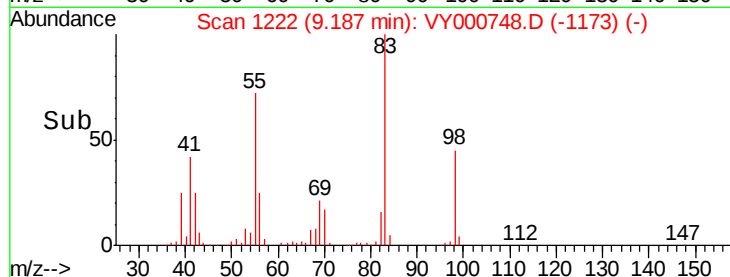
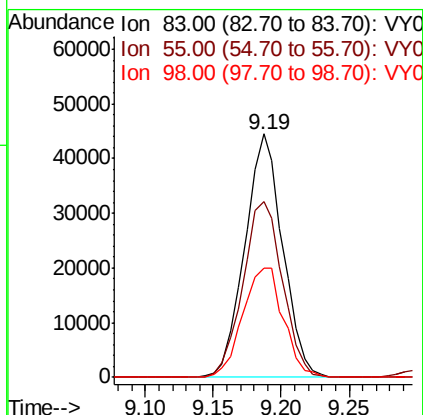
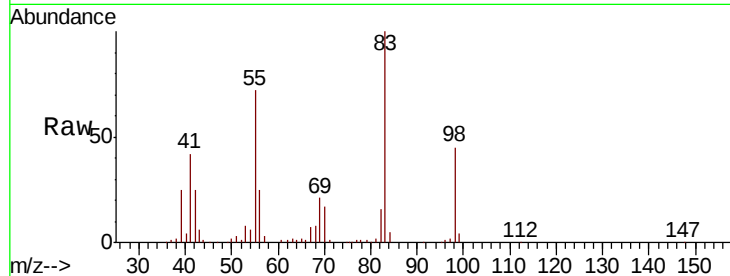




#39
Methvlcvclohexane
Concen: 20.907 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

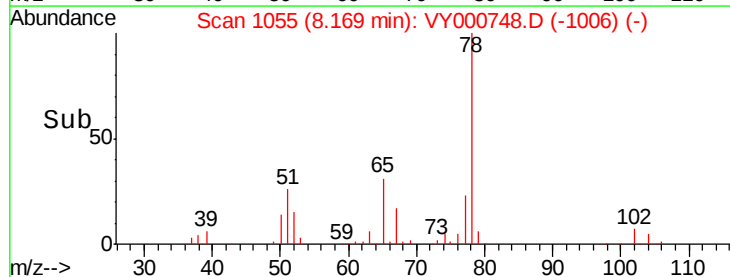
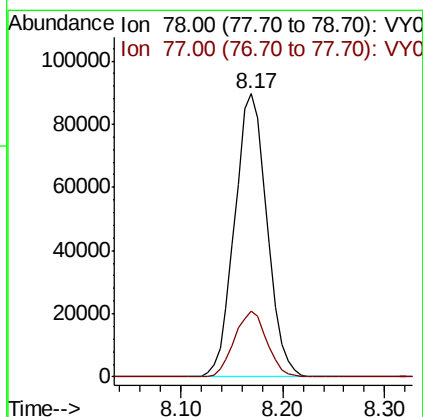
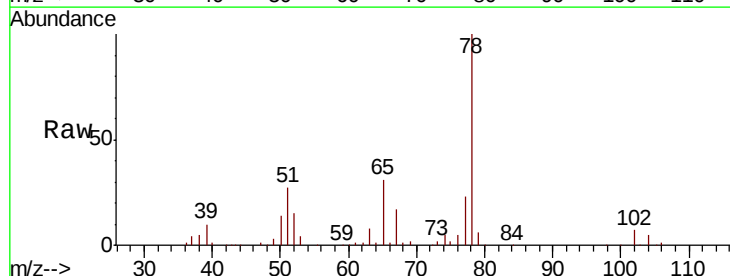
Instrument :
MSVOA_Y
ClientSampleId :

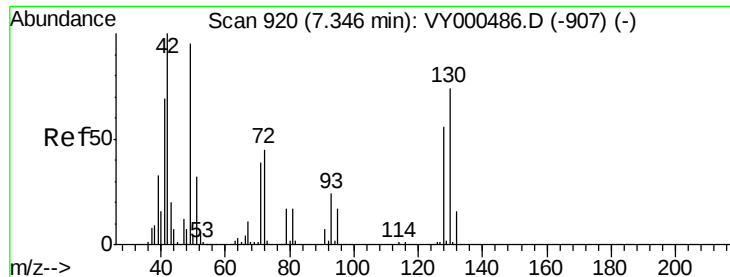
Tot Ion: 83 Resp: 86686
Ion Ratio Lower Upper
83 100
55 72.1 57.5 86.3
98 44.8 38.0 57.0



#40
Benzene
Concen: 20.948 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 78 Resp: 197102
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

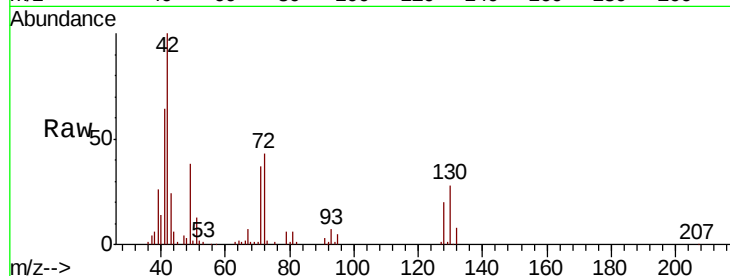




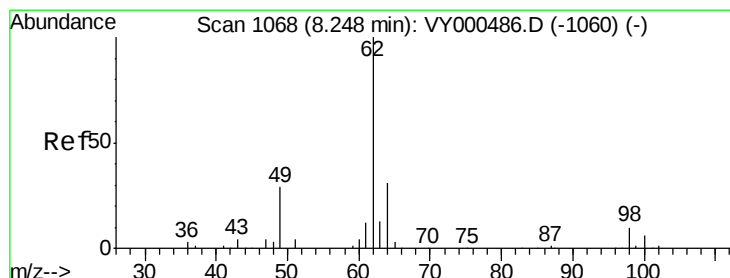
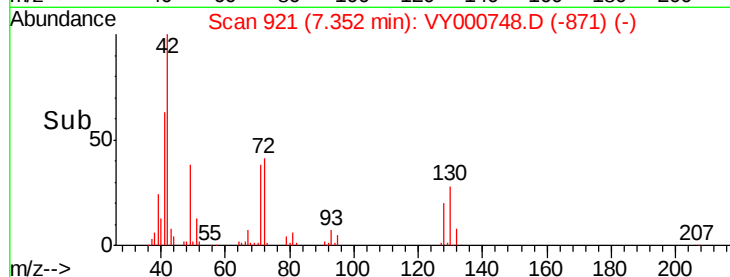
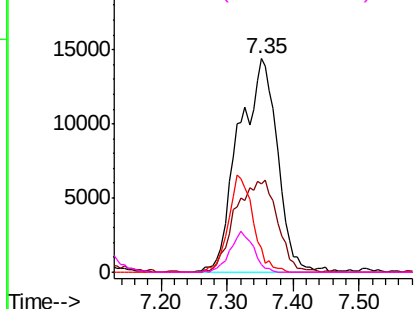
#41
Methacrylonitrile
Concen: 55.437 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 58926
Ion Ratio Lower Upper
41 100
39 46.4 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

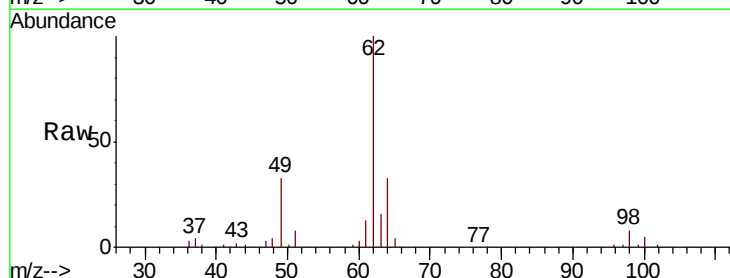


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

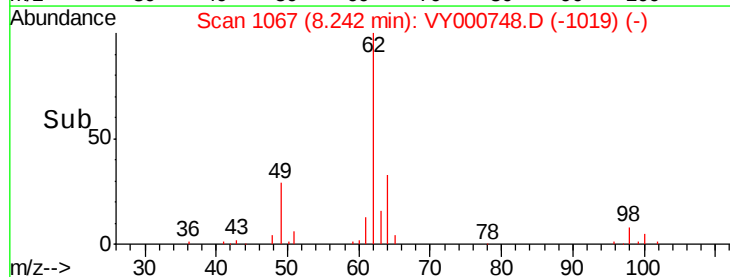
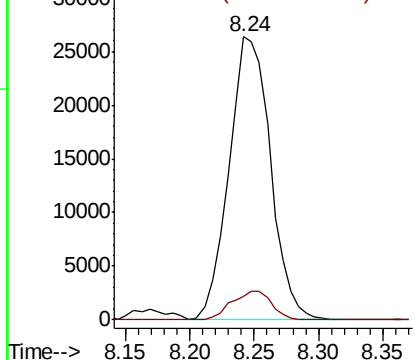


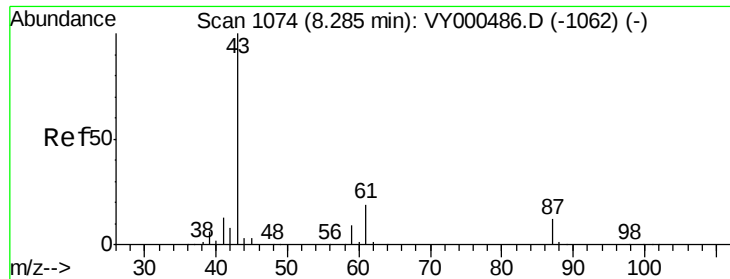
#42
1,2-Dichloroethane
Concen: 22.066 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 62 Resp: 58887
Ion Ratio Lower Upper
62 100
98 9.8 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: 22.402 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

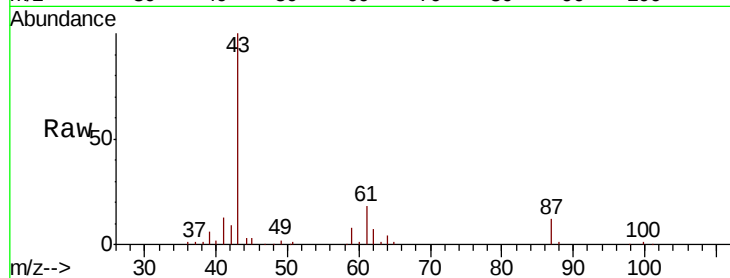
Tot Ion: 43 Resp: 80183

Ion Ratio Lower Upper

43 100

61 26.7 23.0 34.4

87 12.6 10.5 15.7



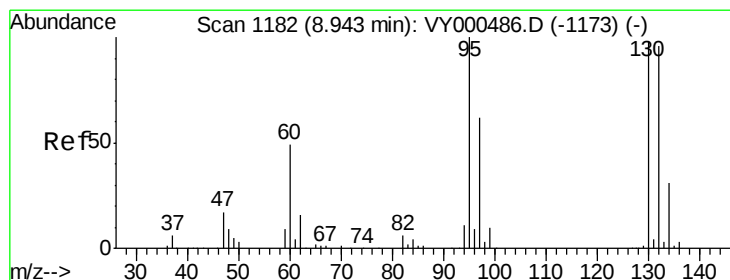
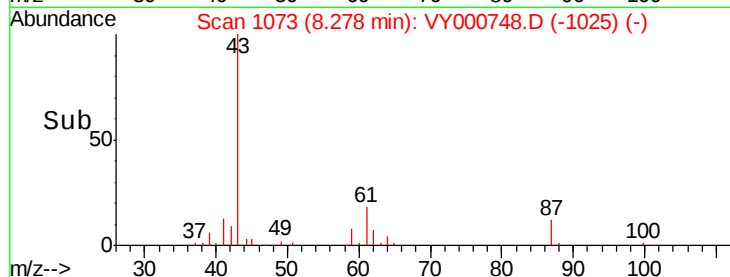
Abundance Ion 43.00 (42.70 to 43.70): VY000748.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000748.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000748.D (-1062) (-)

8.28

Time-->



#44

Trichloroethene

Concen: 21.309 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000748.D

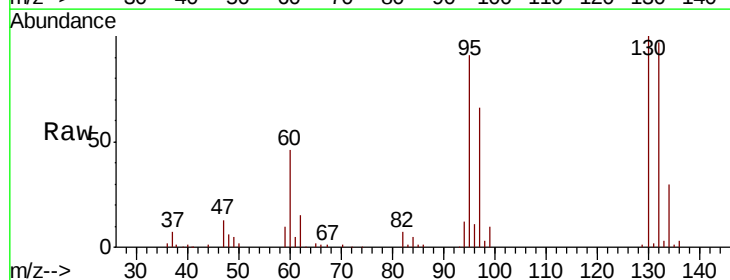
Acq: 20 Nov 2019 12:24

Tgt Ion:130 Resp: 52863

Ion Ratio Lower Upper

130 100

95 91.0 0.0 203.2

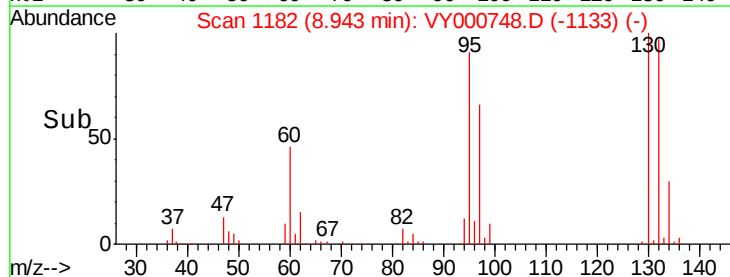


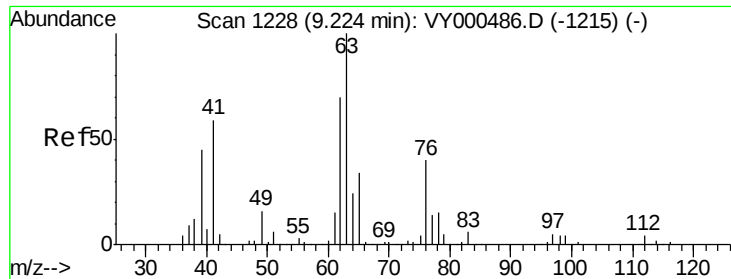
Abundance Ion 129.80 (129.50 to 130.50): VY000748.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000748.D (-1173) (-)

8.94

Time-->

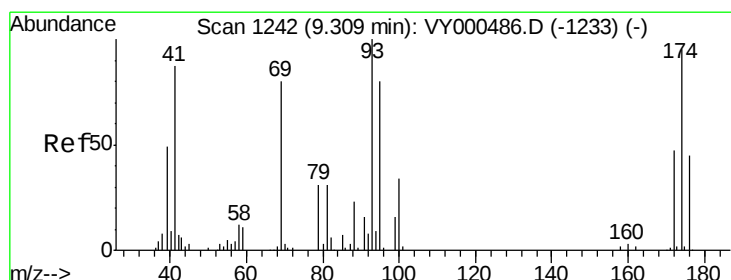
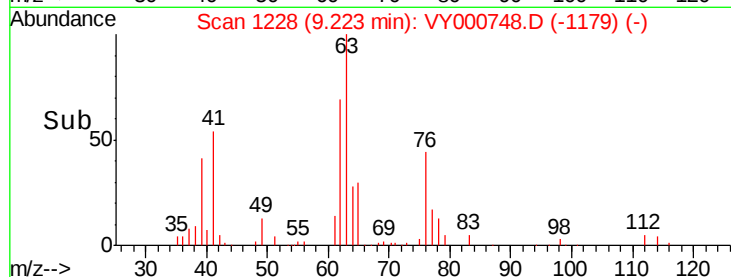
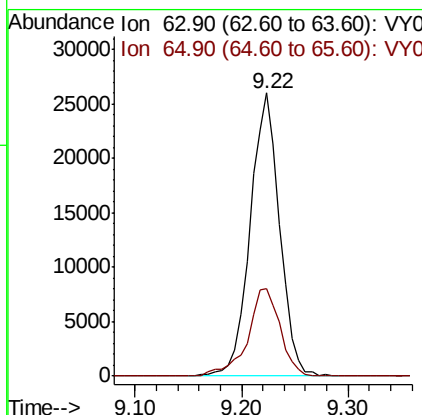
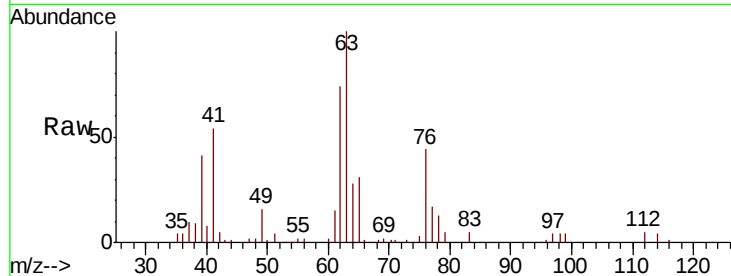




#45
 1,2-Dichloropropane
 Concen: 21.746 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

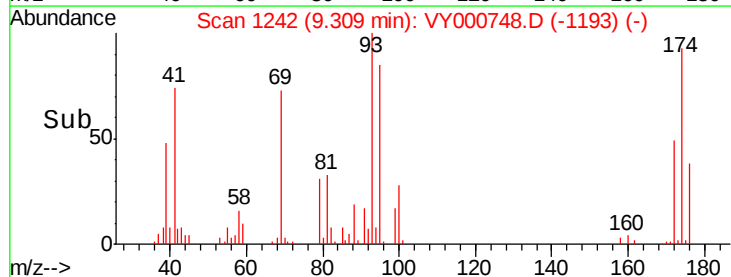
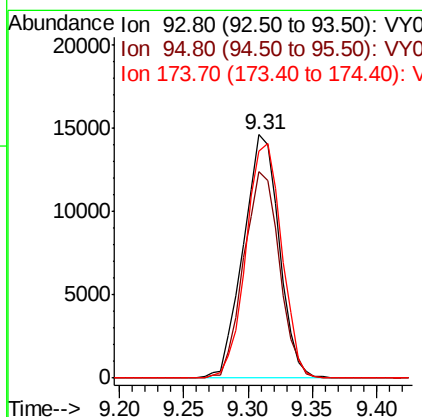
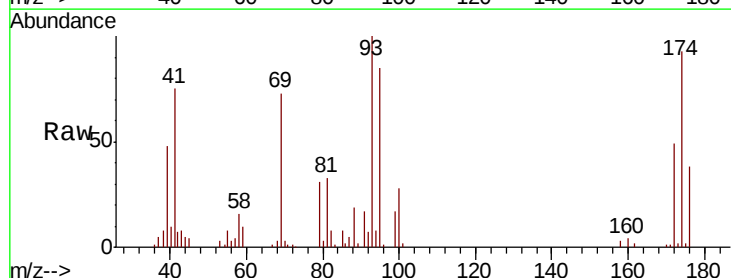
Instrument :
 MSVOA_Y
 ClientSampleId :

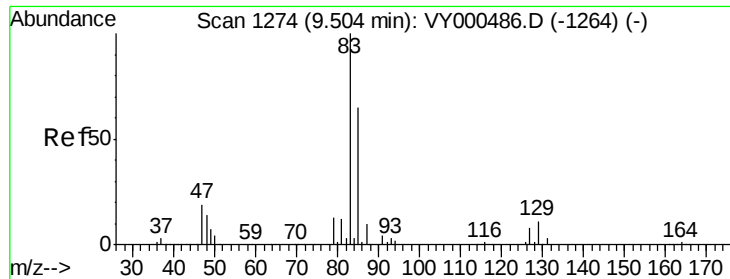
Tot Ion: 63 Resp: 50357
 Ion Ratio Lower Upper
 63 100
 65 31.1 27.0 40.4



#46
 Dibromomethane
 Concen: 22.039 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 93 Resp: 28068
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 95.6 77.1 115.7





#47

Bromodichloromethane

Concen: 22.113 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

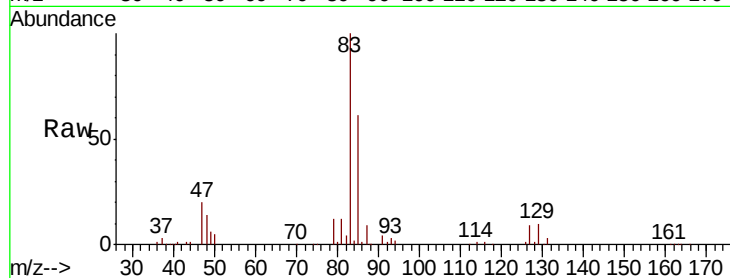
Tot Ion: 83 Resp: 66822

Ion Ratio Lower Upper

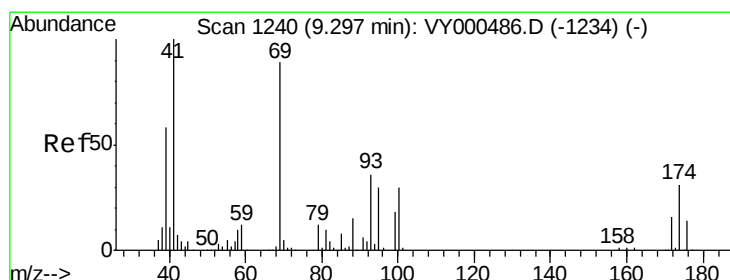
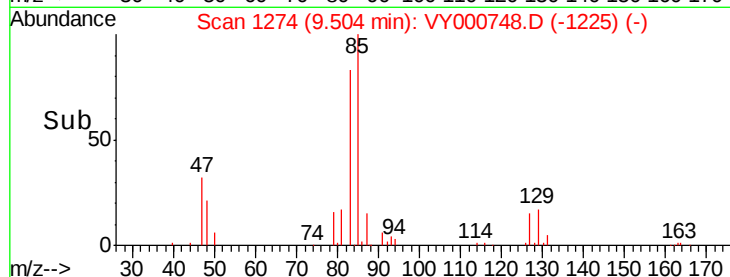
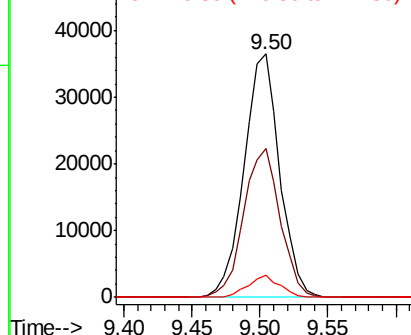
83 100

85 61.2 51.8 77.8

127 8.9 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): VY0



#48

Methyl methacrylate

Concen: 22.413 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

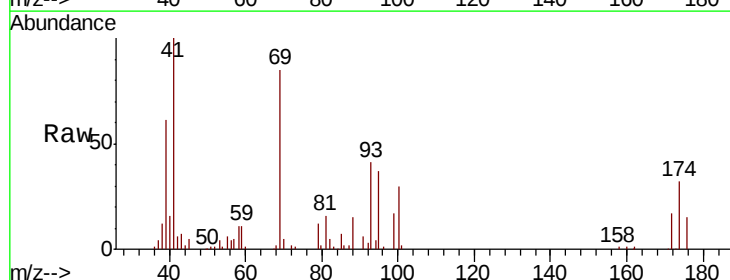
Tgt Ion: 41 Resp: 35051

Ion Ratio Lower Upper

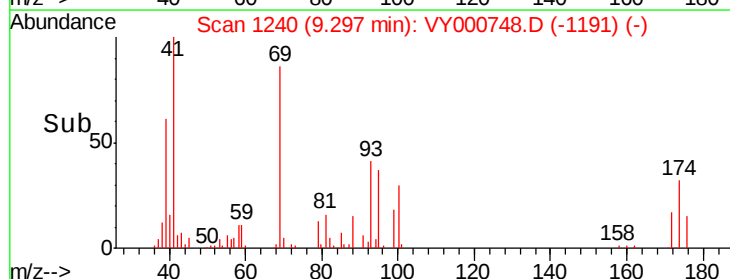
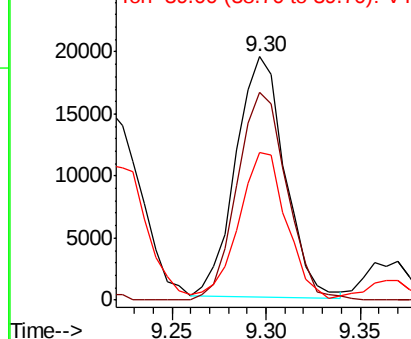
41 100

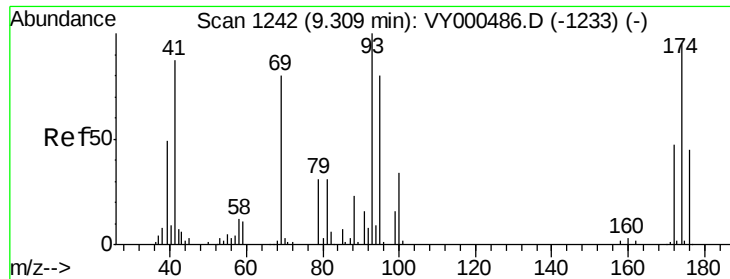
69 87.4 72.5 108.7

39 60.0 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: 463.124 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

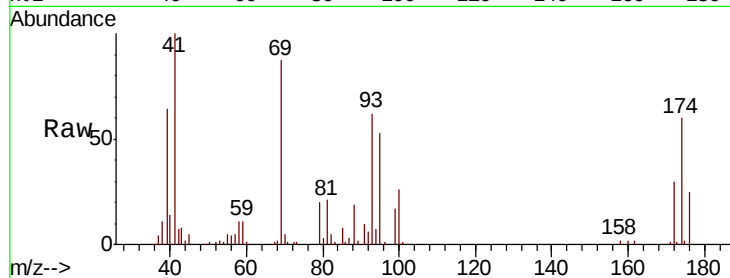
Tot Ion: 88 Resp: 7938

Ion Ratio Lower Upper

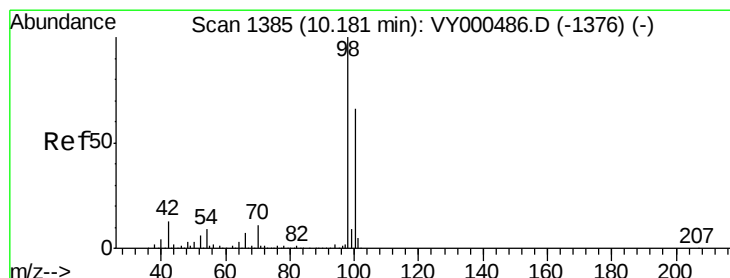
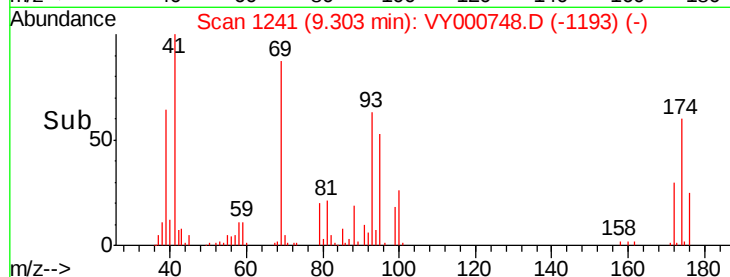
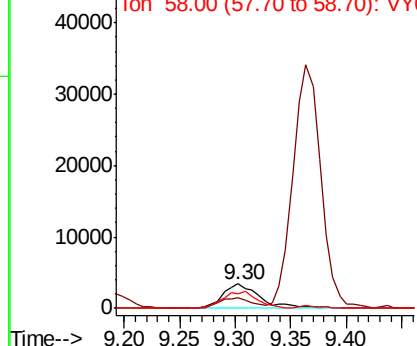
88 100

43 38.7 25.1 37.7#

58 65.0 50.6 75.8



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



#50

Toluene-d8

Concen: 58.281 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000748.D

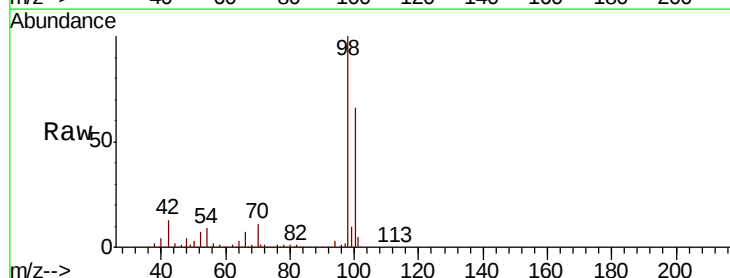
Acq: 20 Nov 2019 12:24

Tgt Ion: 98 Resp: 440739

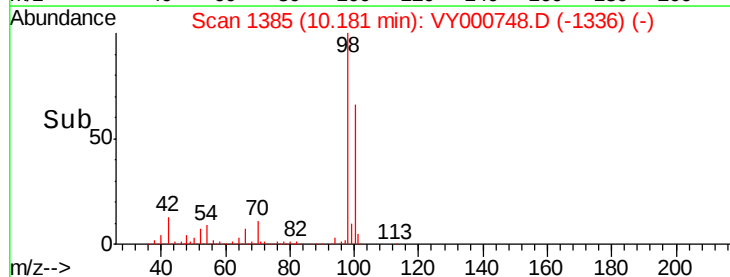
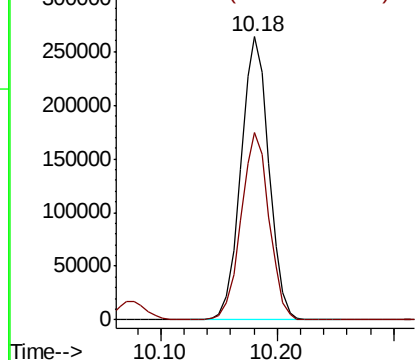
Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 112.846 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

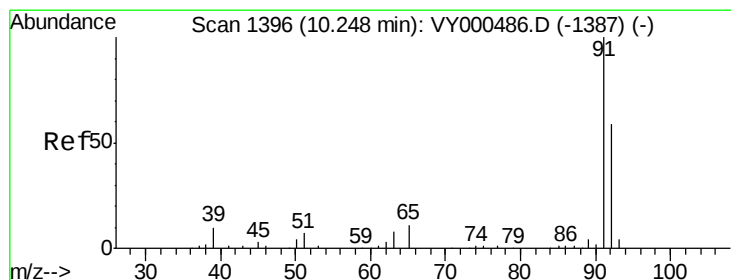
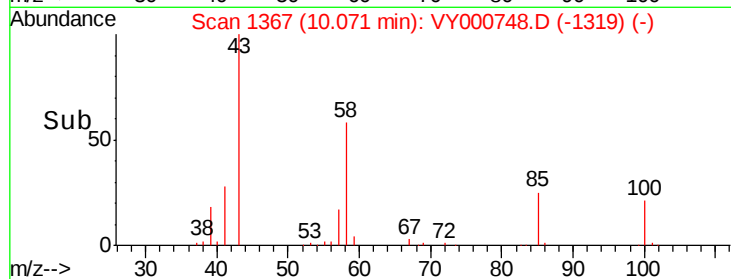
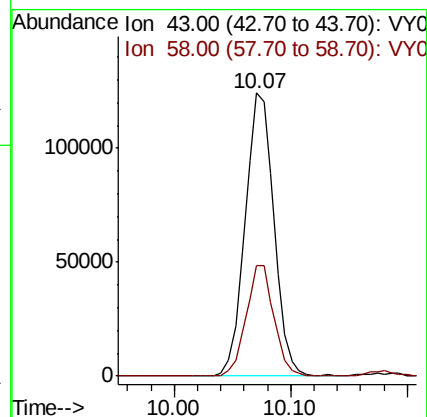
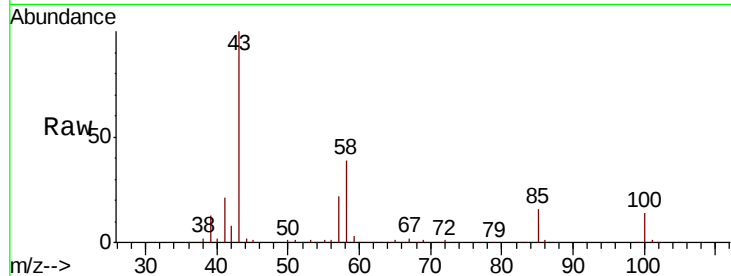
ClientSampled :

Tot Ion: 43 Resp: 214745

Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.4



#52

Toluene

Concen: 22.067 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000748.D

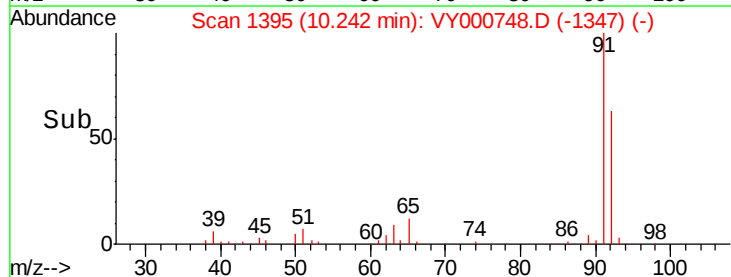
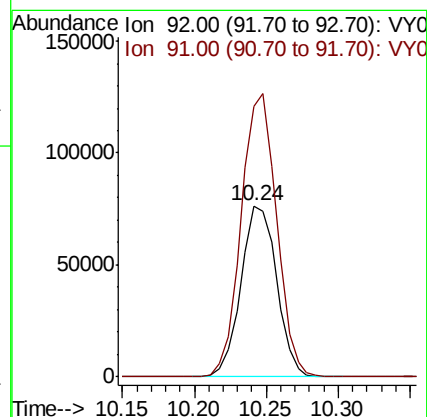
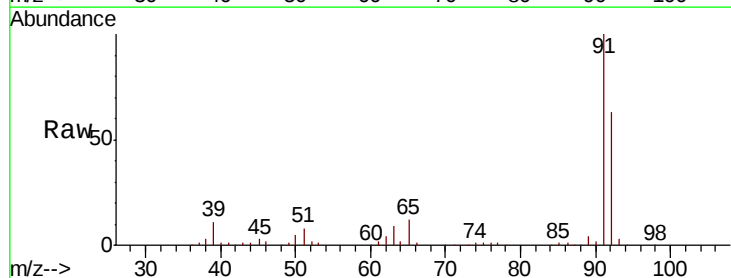
Acq: 20 Nov 2019 12:24

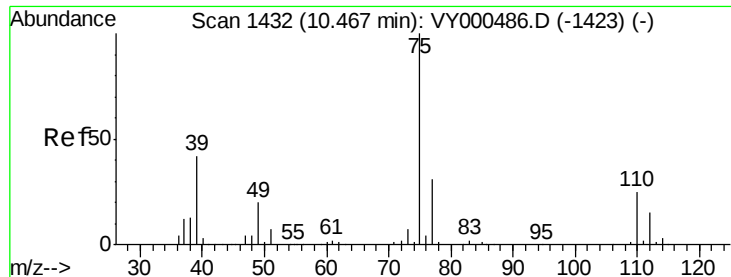
Tgt Ion: 92 Resp: 131266

Ion Ratio Lower Upper

92 100

91 164.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 21.397 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

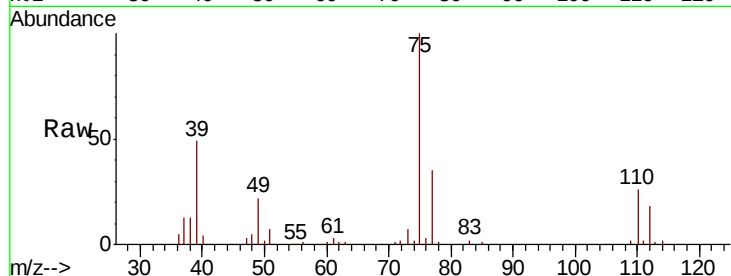
ClientSampled :

Tot Ion: 75 Resp: 69089

Ion Ratio Lower Upper

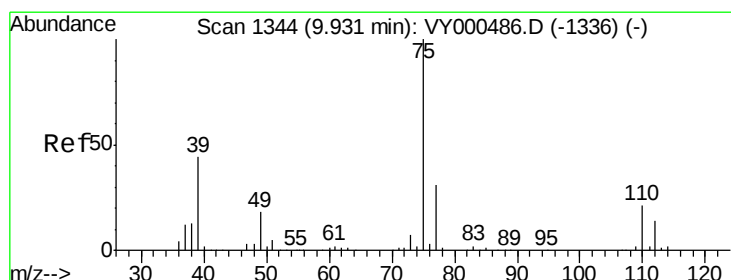
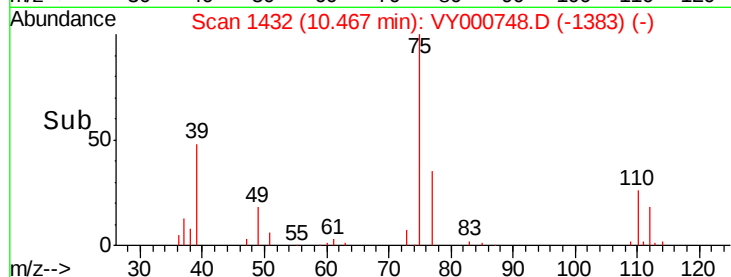
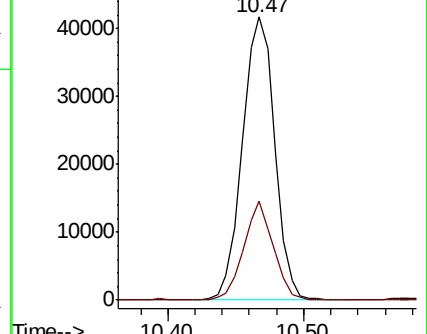
75 100

77 34.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.643 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

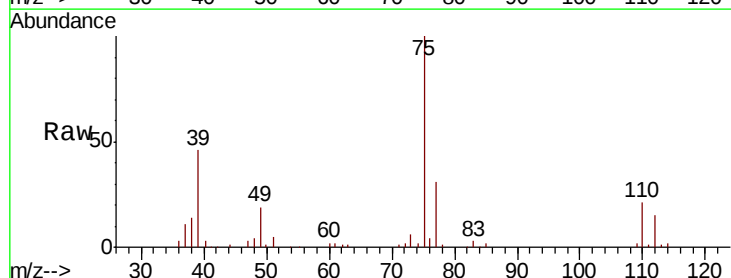
Tgt Ion: 75 Resp: 80058

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7

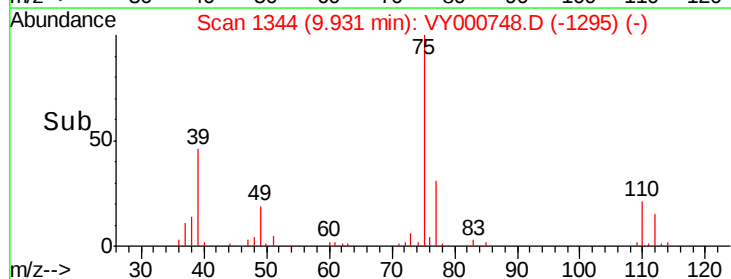
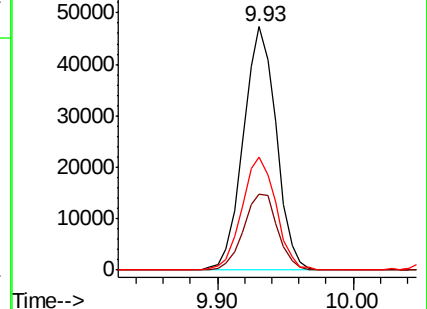
39 46.4 35.4 53.2

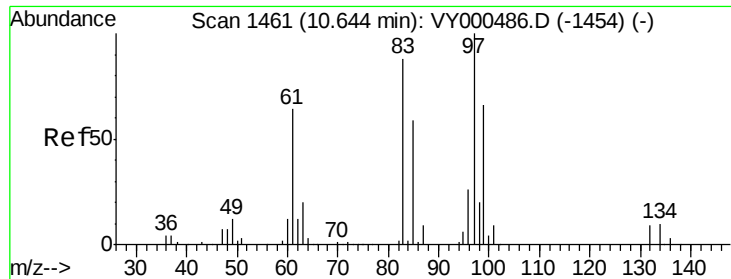


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

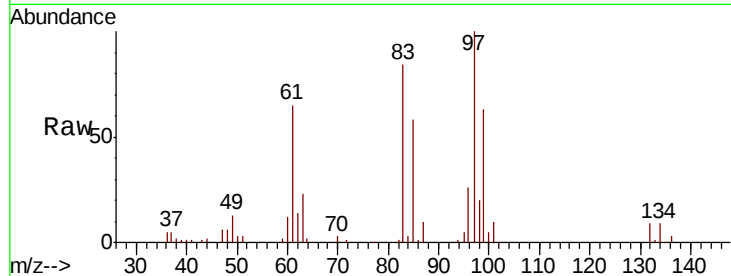




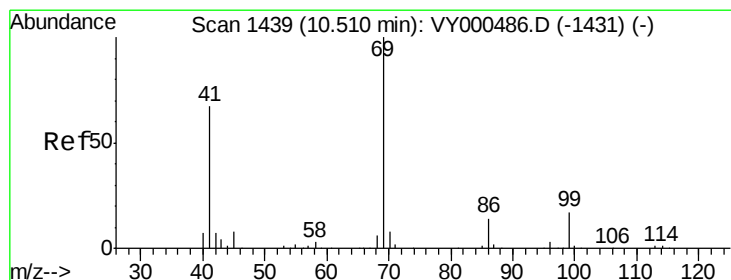
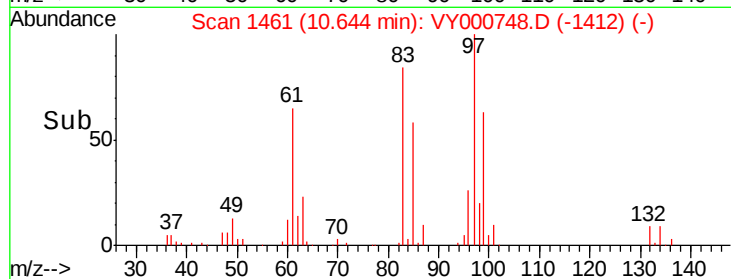
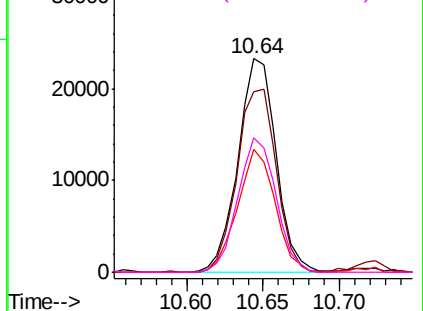
#55
 1,1,2-Trichloroethane
 Concen: 21.967 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 40465
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.2 105.4
 85 57.7 46.9 70.3
 99 62.7 52.6 78.8

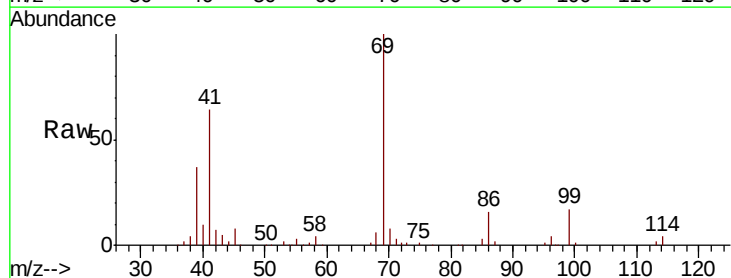


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

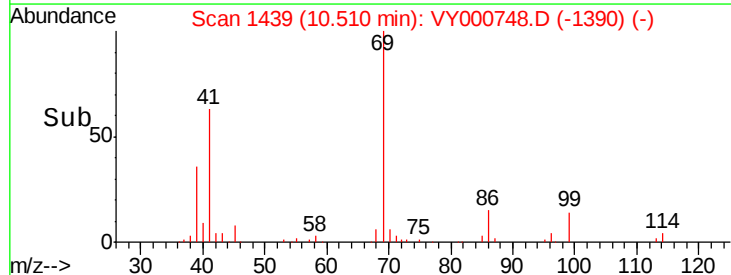
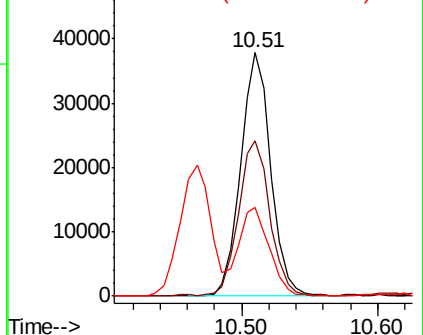


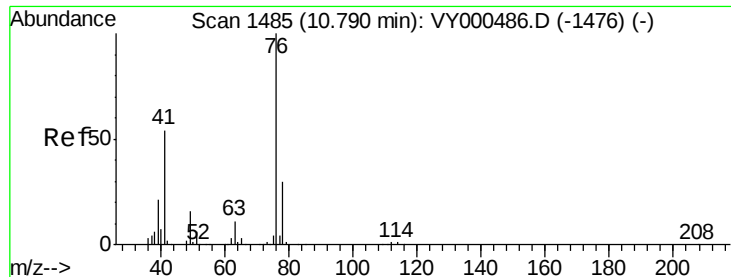
#56
 Ethyl methacrylate
 Concen: 22.355 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 69 Resp: 58365
 Ion Ratio Lower Upper
 69 100
 41 67.2 53.3 79.9
 39 37.9 28.0 42.0



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





#57

1,3-Dichloropropane

Concen: 22.232 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

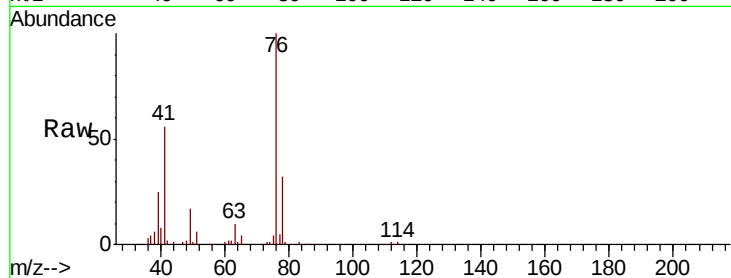
ClientSampled :

Tot Ion: 76 Resp: 71674

Ion Ratio Lower Upper

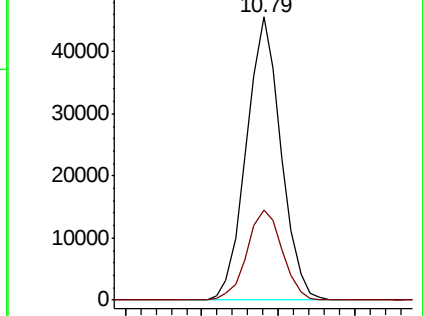
76 100

78 32.6 25.2 37.8

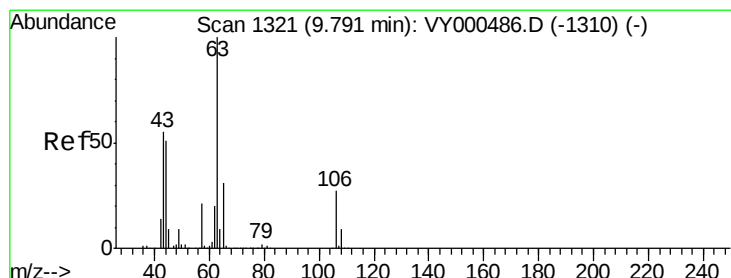
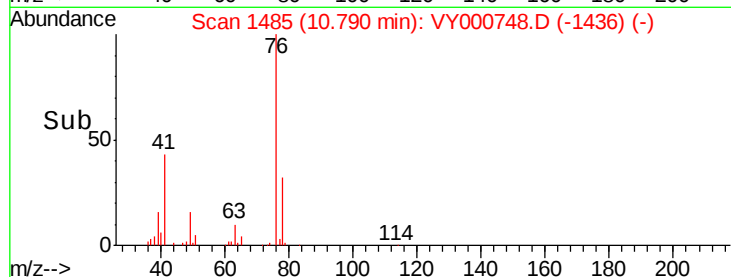


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 110.918 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000748.D

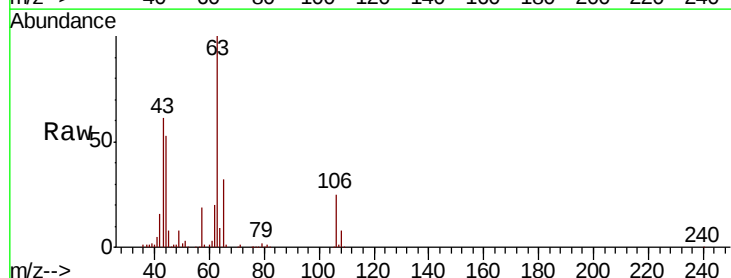
Acq: 20 Nov 2019 12:24

Tgt Ion: 63 Resp: 130918

Ion Ratio Lower Upper

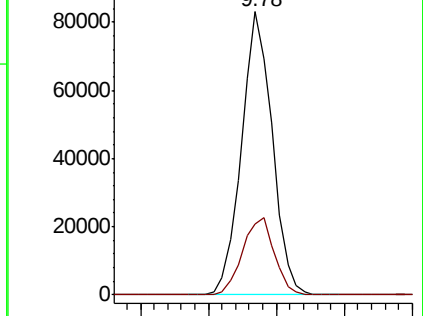
63 100

106 28.2 22.6 33.8

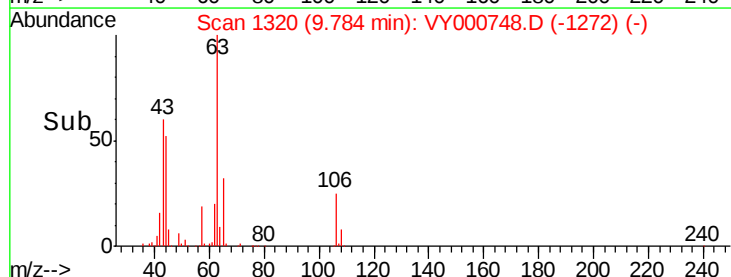


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.70 9.75 9.80 9.85

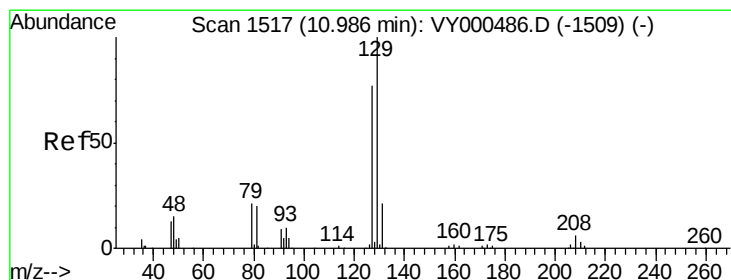
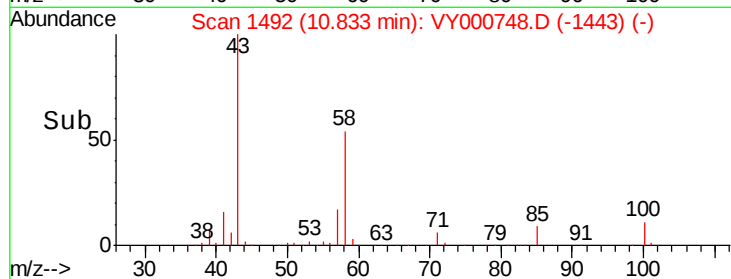
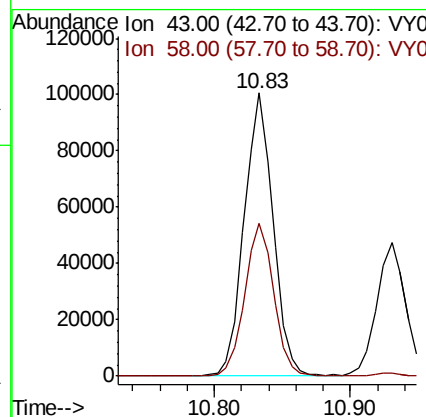
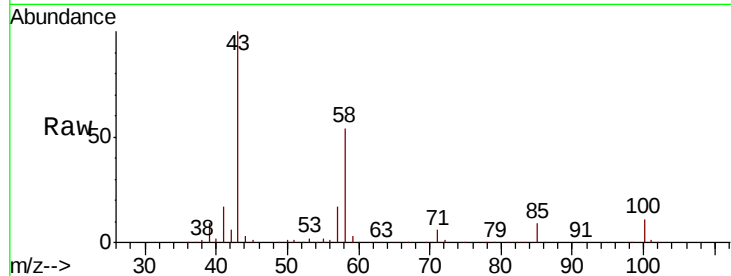




#59
2-Hexanone
Concen: 107.871 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

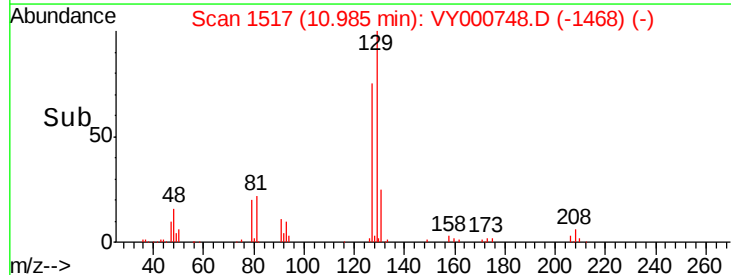
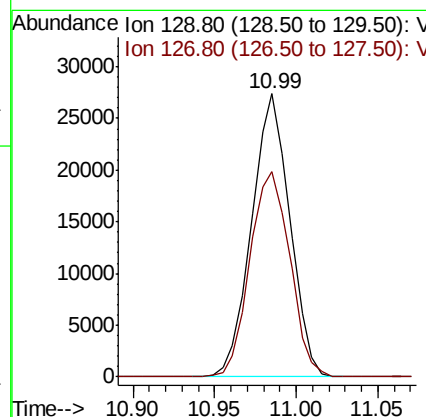
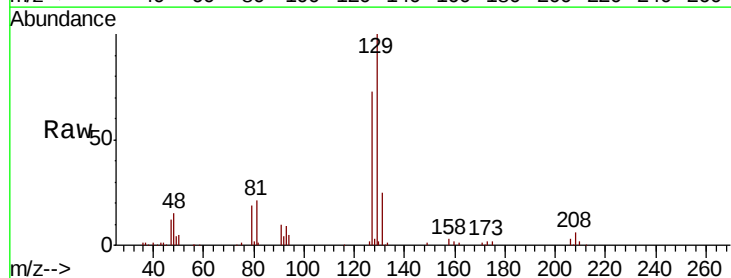
Instrument :
MSVOA_Y
ClientSampled :

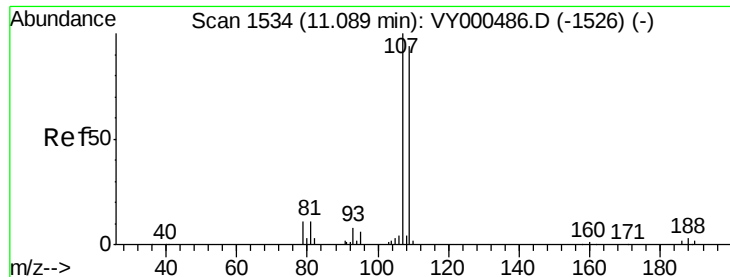
Tot Ion: 43 Resp: 149564
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 21.238 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 129 Resp: 44810
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2

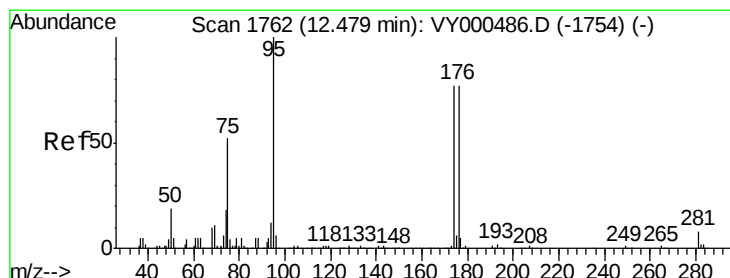
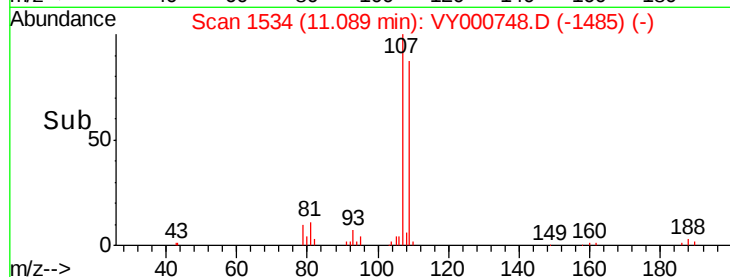
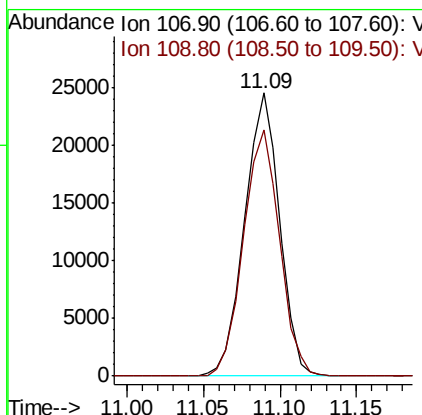
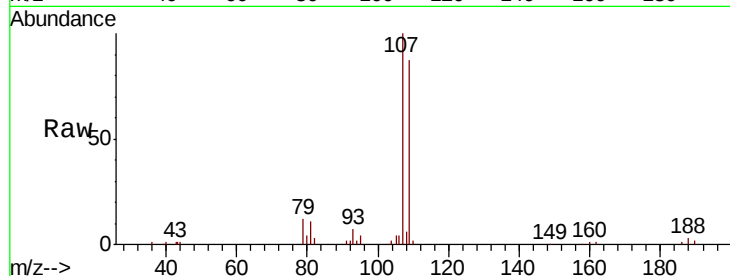




#61
 1,2-Dibromoethane
 Concen: 22.019 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

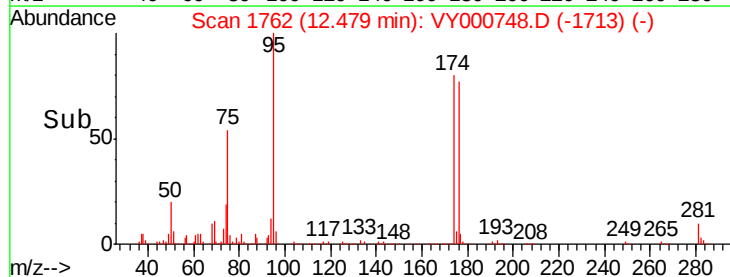
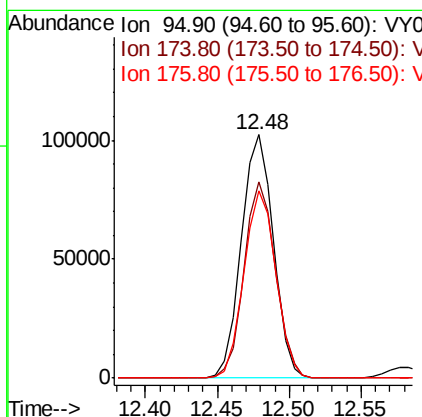
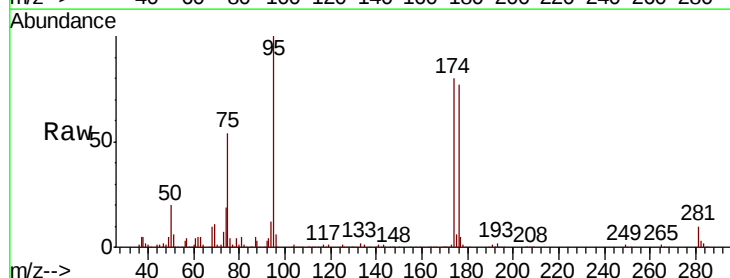
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 107 Resp: 38998
 Ion Ratio Lower Upper
 107 100
 109 89.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 54.793 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 95 Resp: 157746
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 161.6
 176 77.0 0.0 157.8

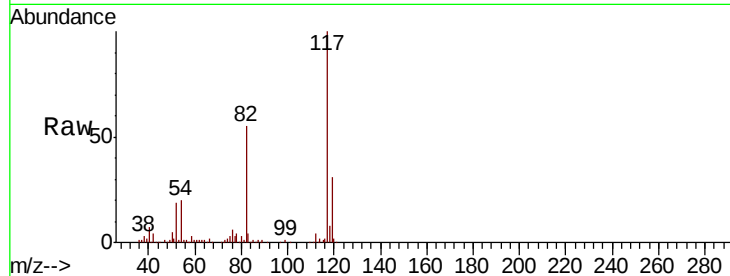




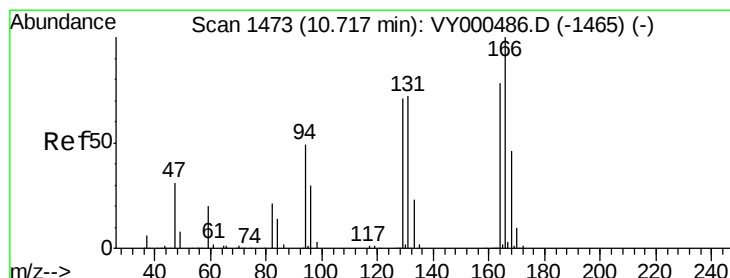
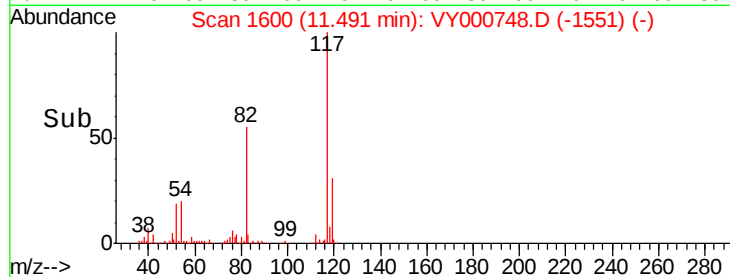
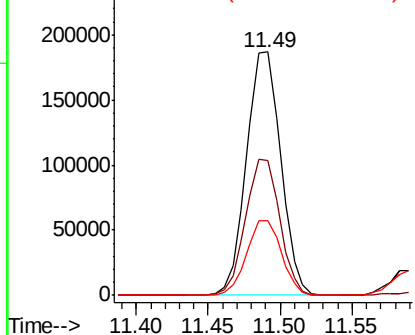
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 307687
Ion Ratio Lower Upper
117 100
82 55.1 40.8 61.2
119 30.9 26.2 39.2

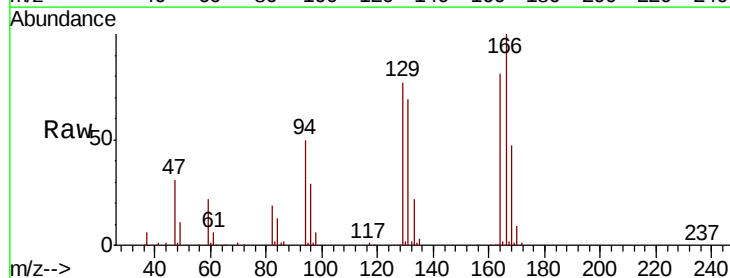


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

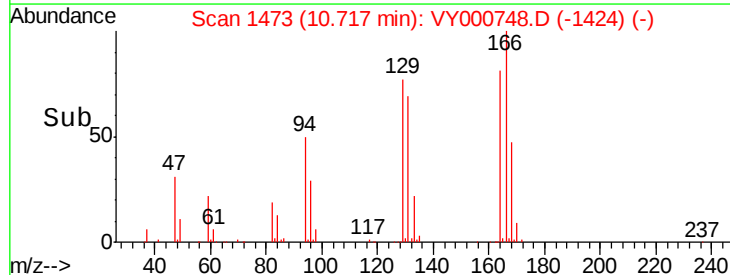
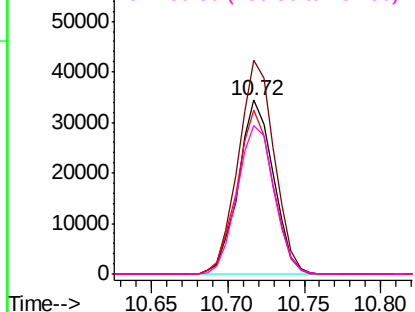


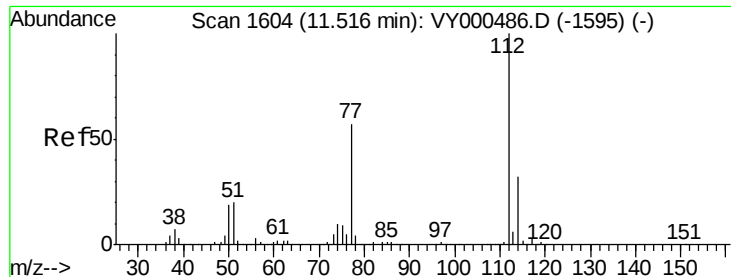
#64
Tetrachloroethene
Concen: 21.615 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:164 Resp: 54993
Ion Ratio Lower Upper
164 100
166 123.0 102.7 154.1
129 94.4 73.2 109.8
131 85.4 74.2 111.2



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

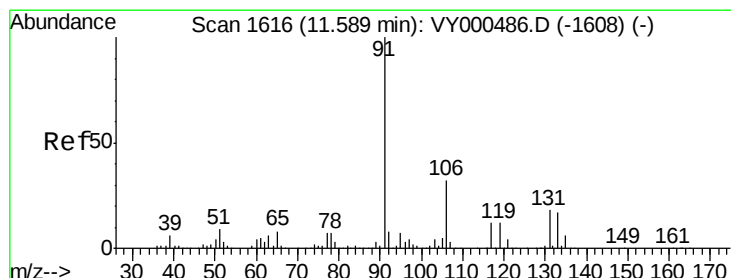
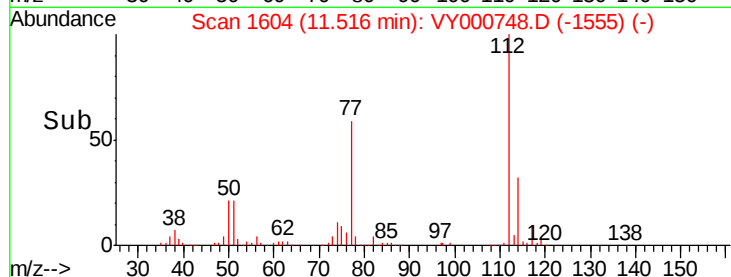
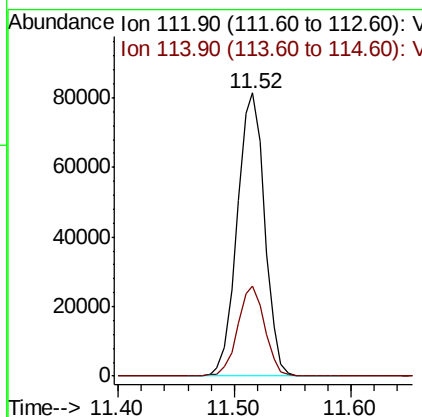
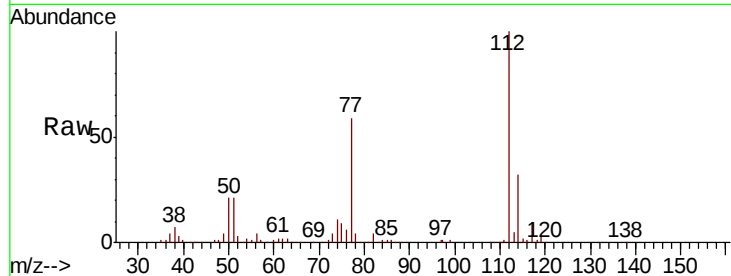




#65
Chlorobenzene
Concen: 21.366 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

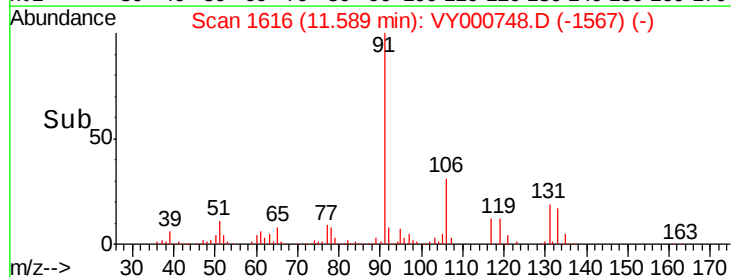
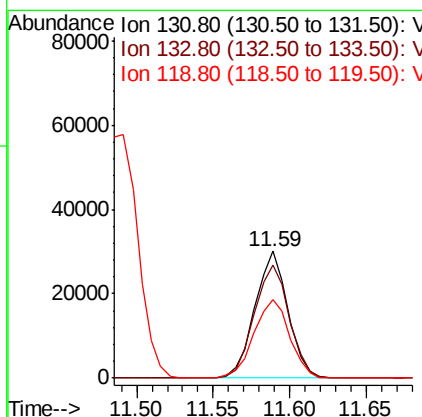
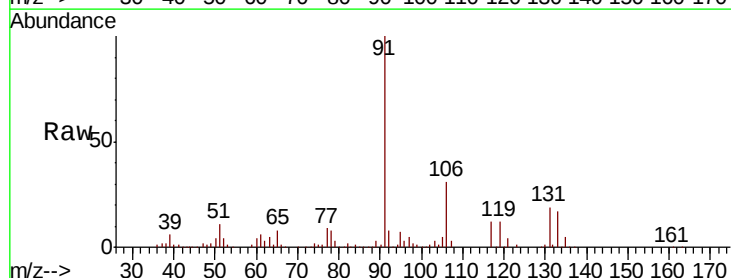
Instrument :
MSVOA_Y
ClientSampleId :

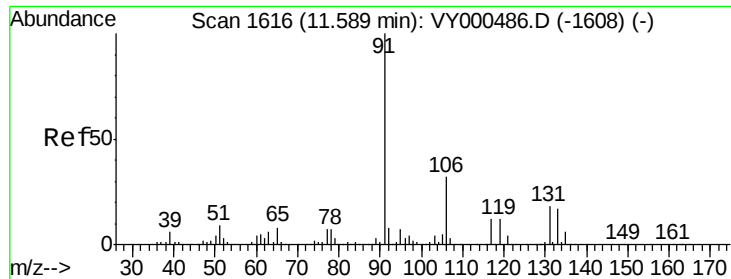
Tot Ion:112 Resp: 133289
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:131 Resp: 45330
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.8
119 66.7 33.1 99.3

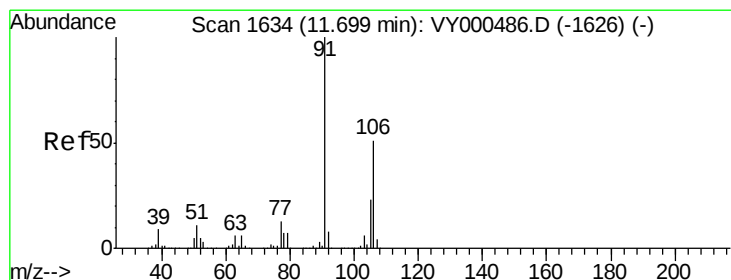
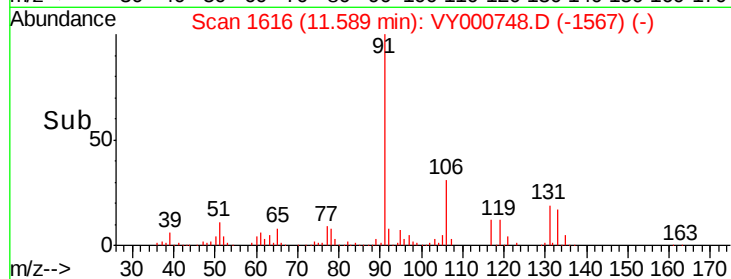
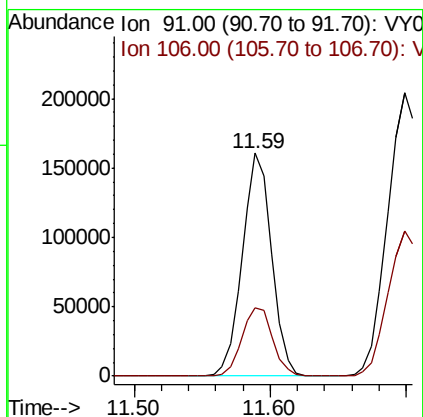
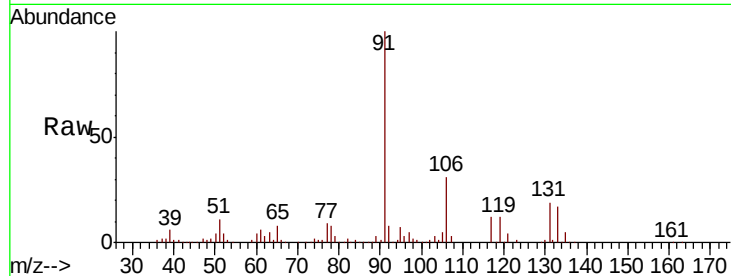




#67
Ethyl Benzene
Concen: 21.004 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

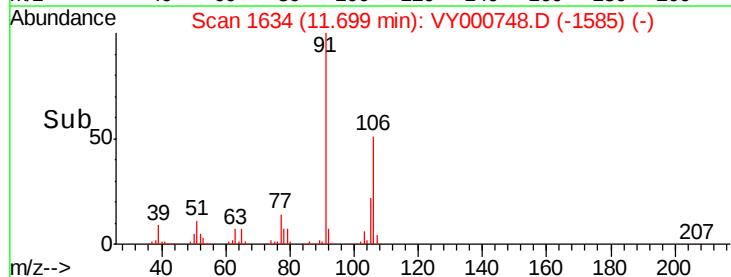
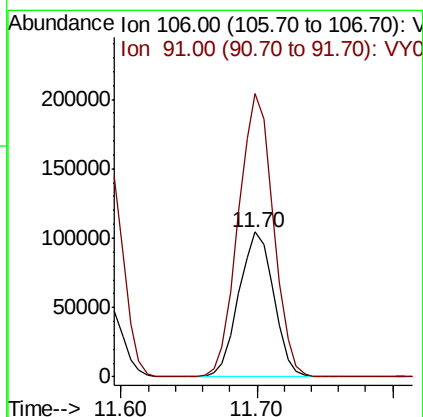
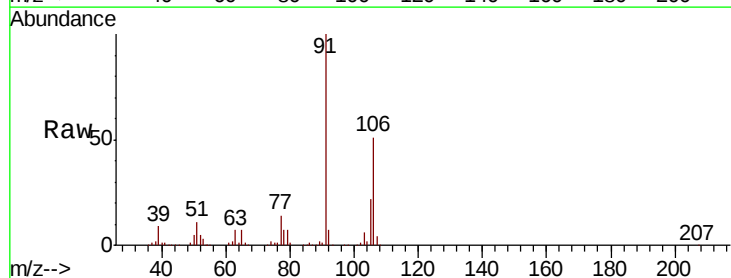
Instrument :
MSVOA_Y
ClientSampled :

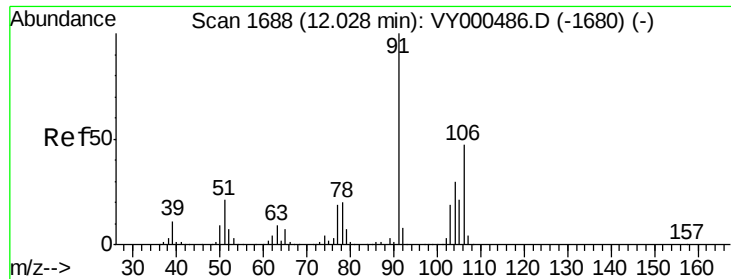
Tot Ion: 91 Resp: 241155
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 42.104 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 106 Resp: 187098
Ion Ratio Lower Upper
106 100
91 195.8 155.9 233.9

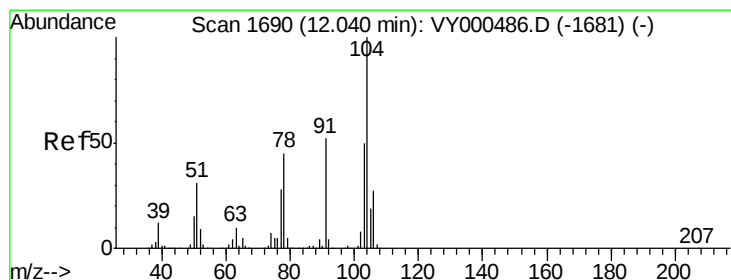
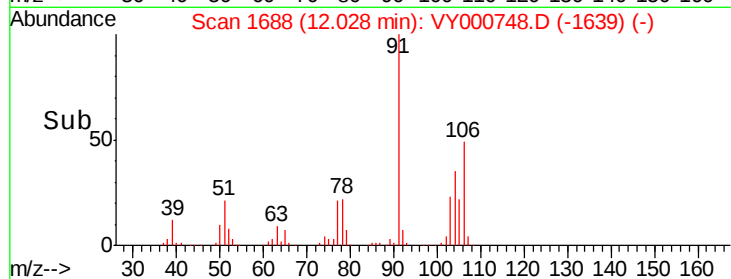
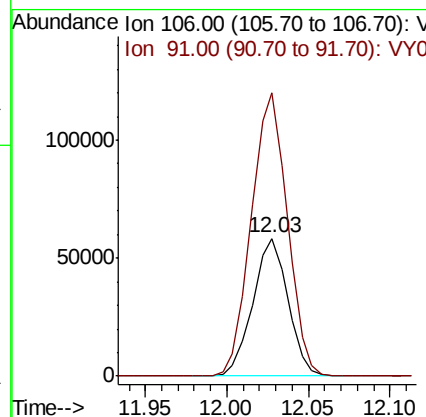
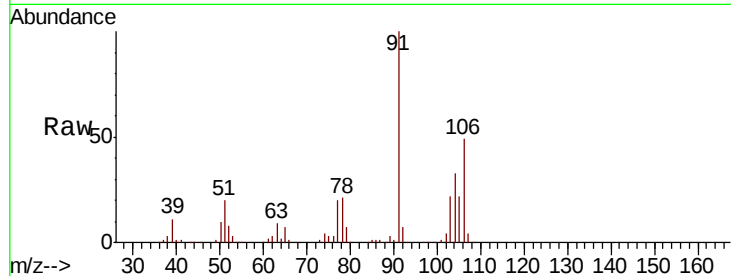




#69
o-Xylene
Concen: 21.028 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

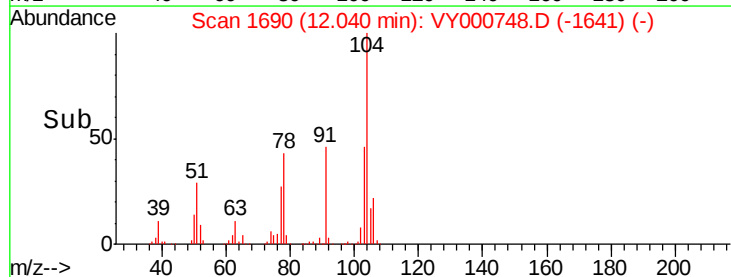
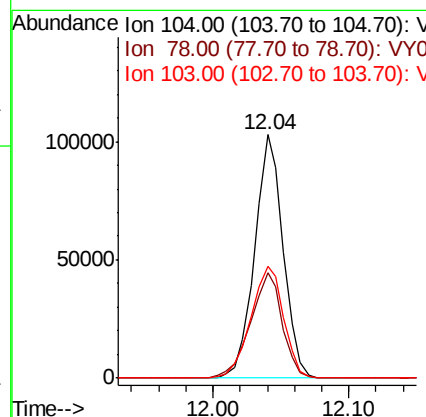
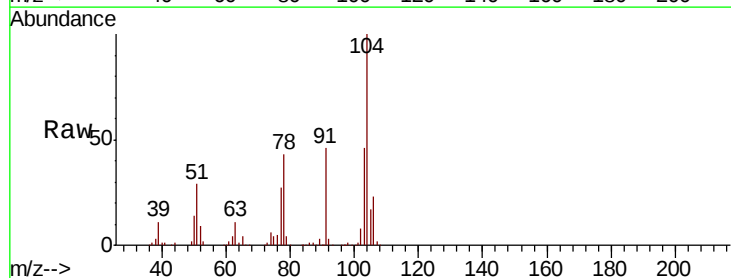
Instrument :
MSVOA_Y
ClientSampleId :

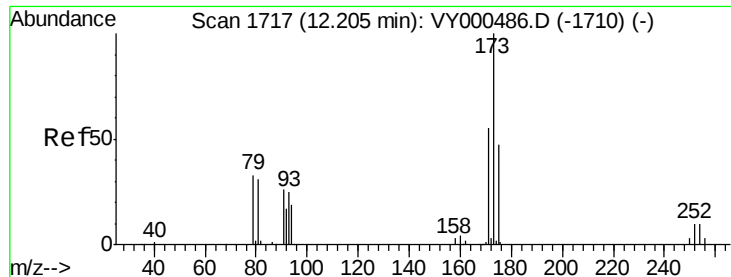
Tot Ion:106 Resp: 87818
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6



#70
Styrene
Concen: 21.135 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:104 Resp: 151141
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.1 42.5 63.7





#71

Bromoform

Concen: 21.290 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

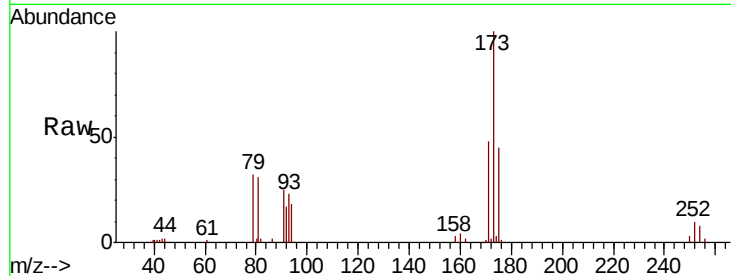
Tot Ion:173 Resp: 26493

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

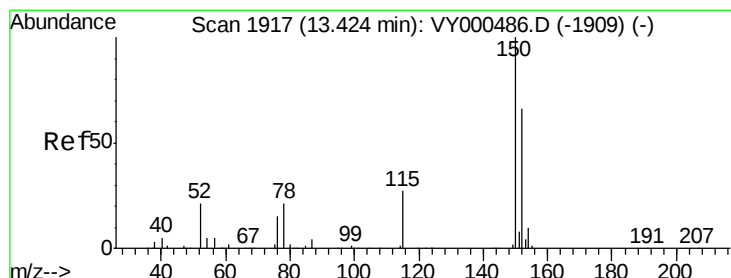
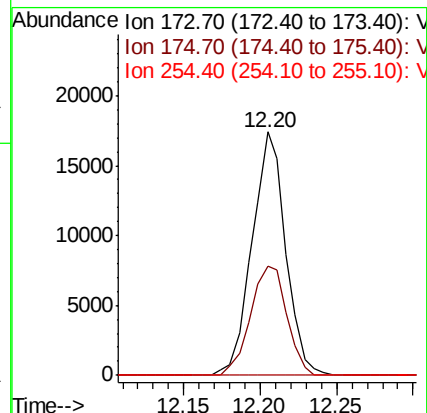
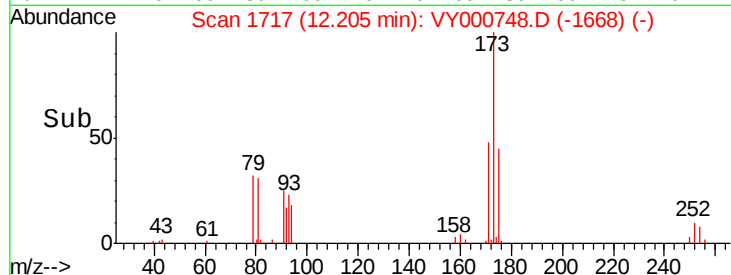
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

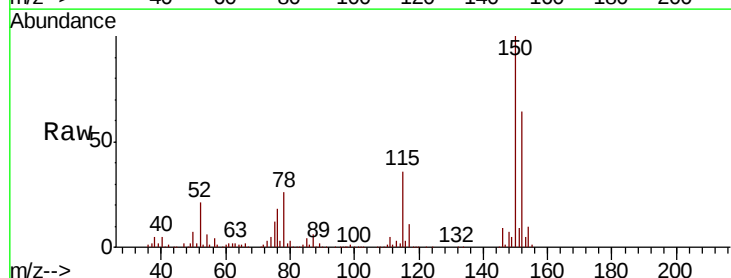
Tgt Ion:152 Resp: 158341

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

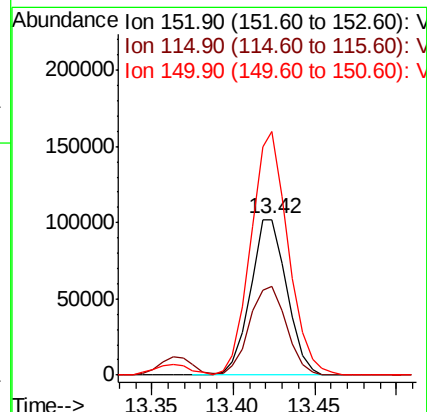
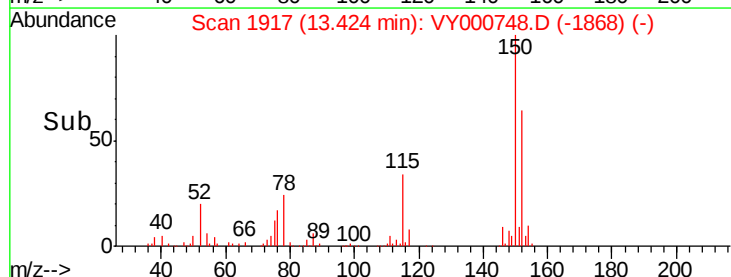
150 160.0 0.0 348.8

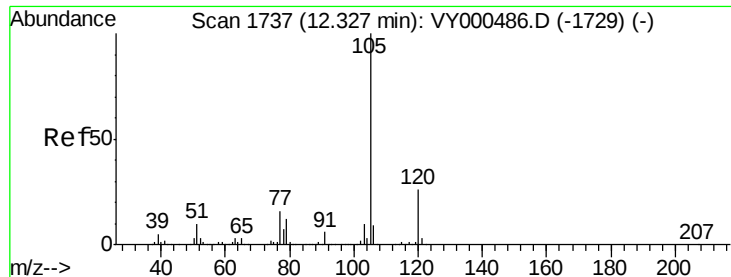


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.445 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

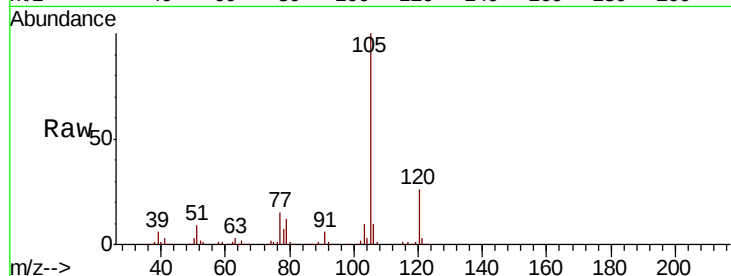
ClientSampleId :

Tot Ion:105 Resp: 239261

Ion Ratio Lower Upper

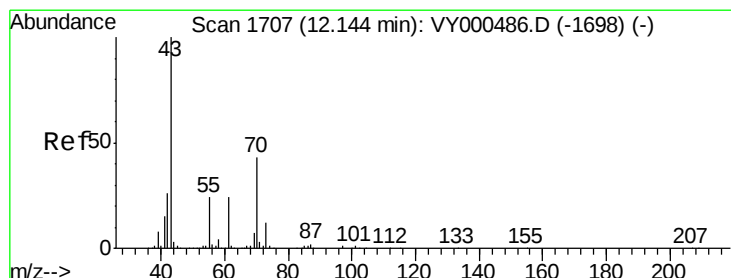
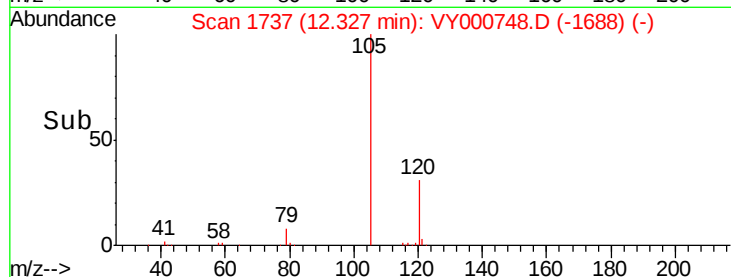
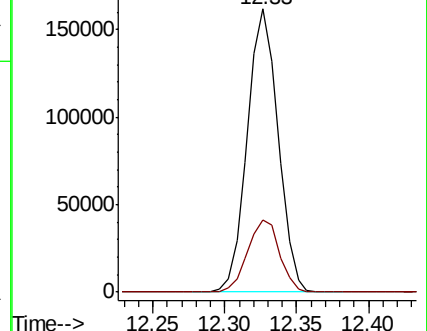
105 100

120 26.5 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: 21.462 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion: 43 Resp: 71931

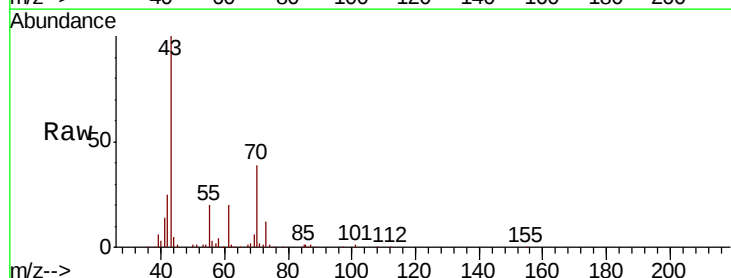
Ion Ratio Lower Upper

43 100

70 40.8 33.1 49.7

55 21.2 18.0 27.0

61 23.4 19.1 28.7

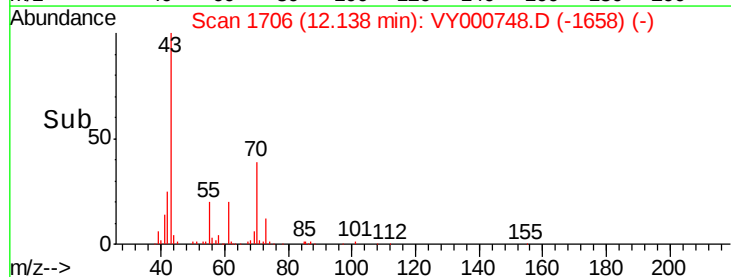
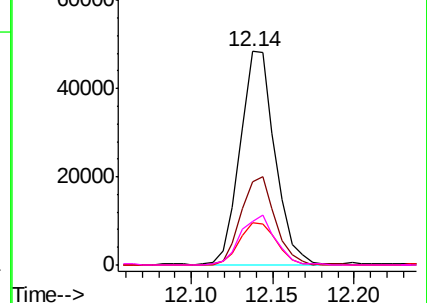


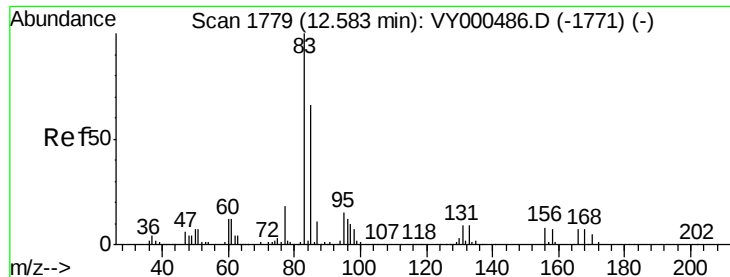
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.117 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

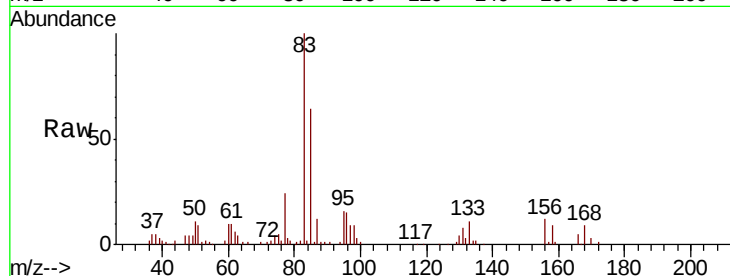
Tot Ion: 83 Resp: 48931

Ion Ratio Lower Upper

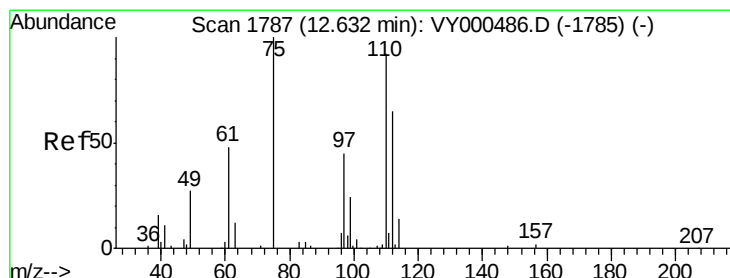
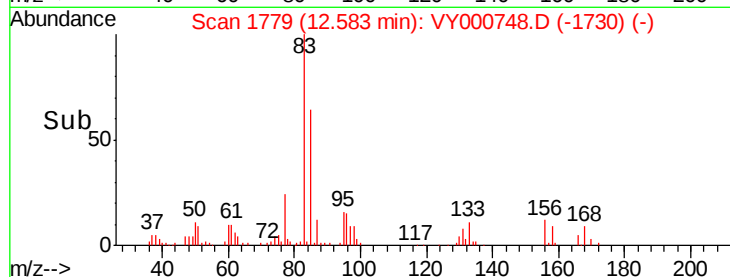
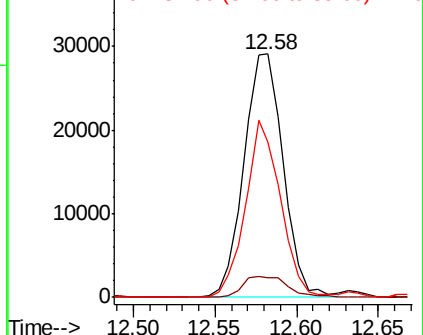
83 100

131 9.7 5.0 14.9

85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.567 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000748.D

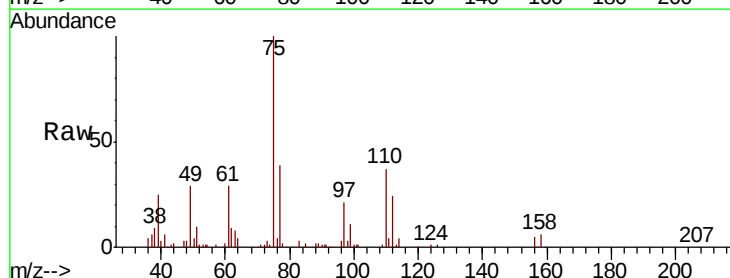
Acq: 20 Nov 2019 12:24

Tgt Ion: 75 Resp: 67731

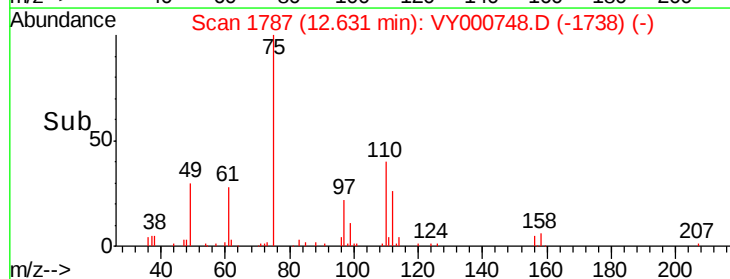
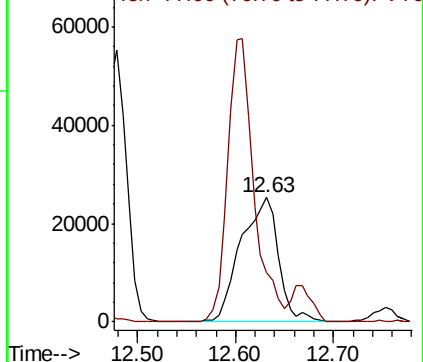
Ion Ratio Lower Upper

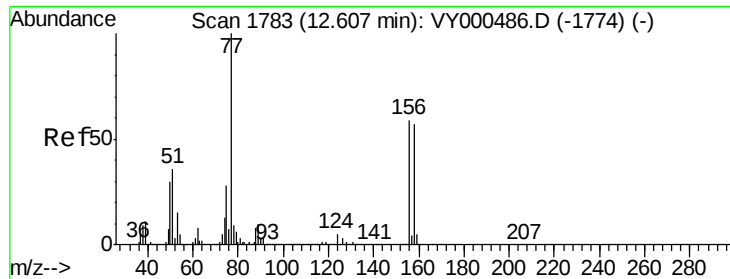
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.000 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

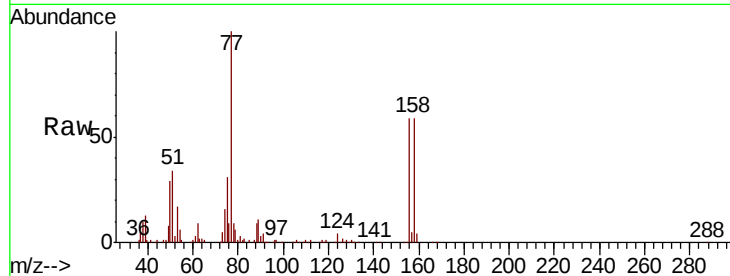
Tot Ion:156 Resp: 53076

Ion Ratio Lower Upper

156 100

77 202.4 98.2 294.4

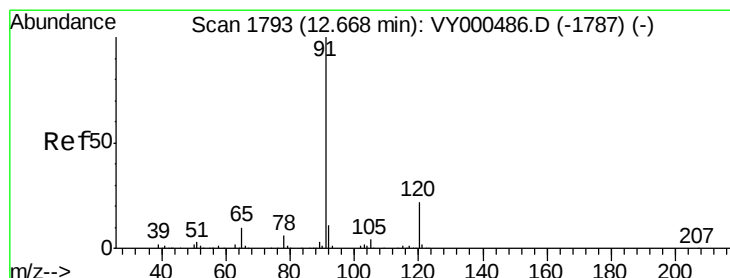
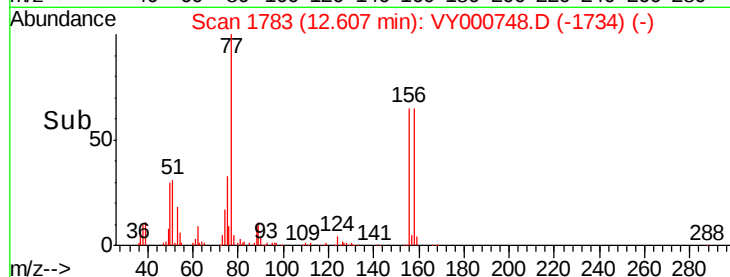
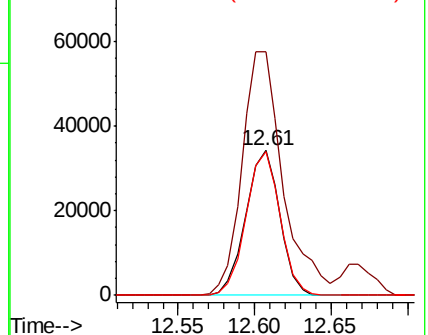
158 98.4 49.6 149.0



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: 20.550 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000748.D

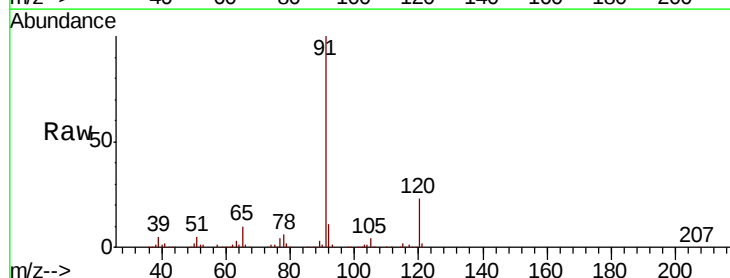
Acq: 20 Nov 2019 12:24

Tgt Ion: 91 Resp: 290166

Ion Ratio Lower Upper

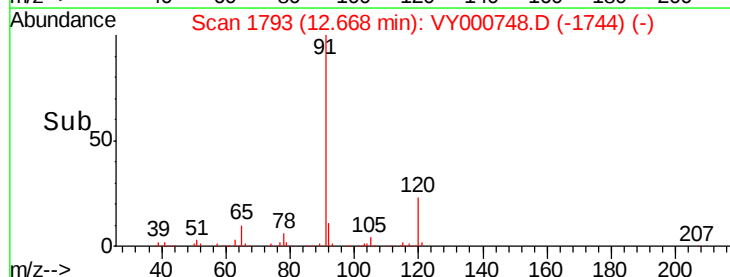
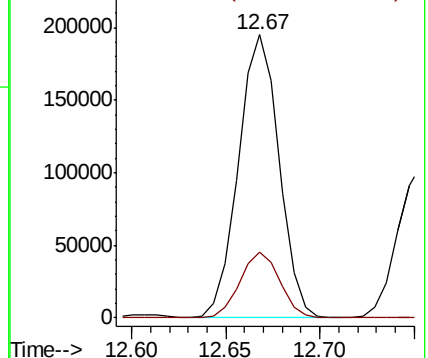
91 100

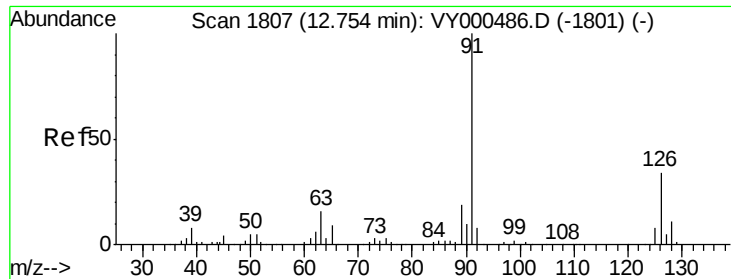
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

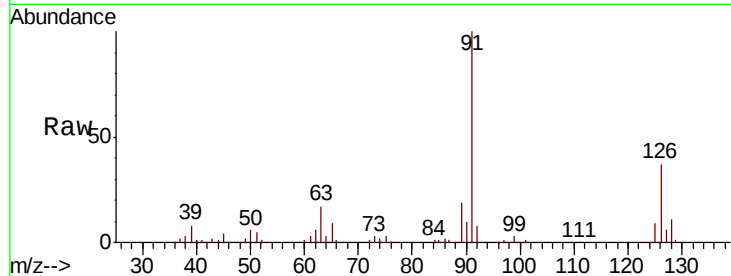




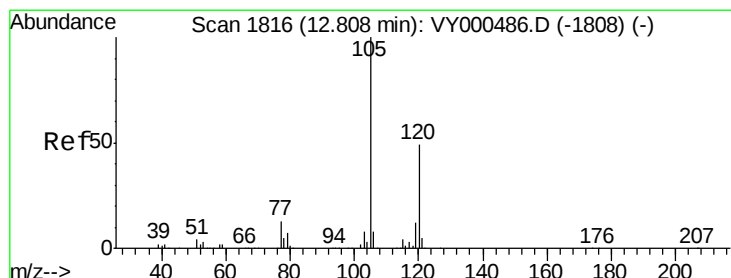
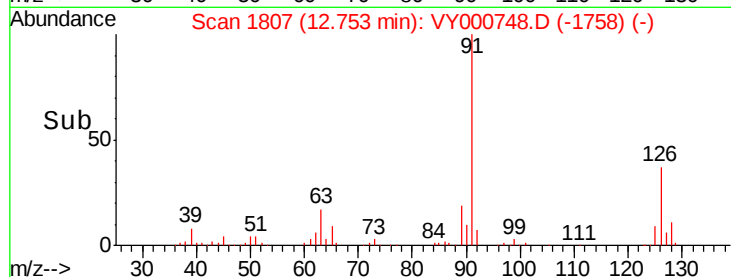
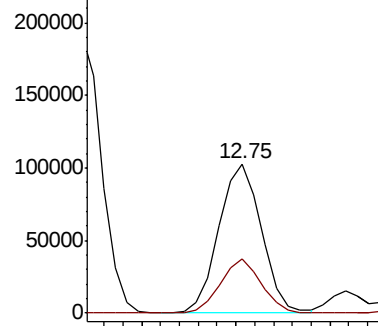
#79
 2-Chlorotoluene
 Concen: 20.380 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 159759
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.7 53.1

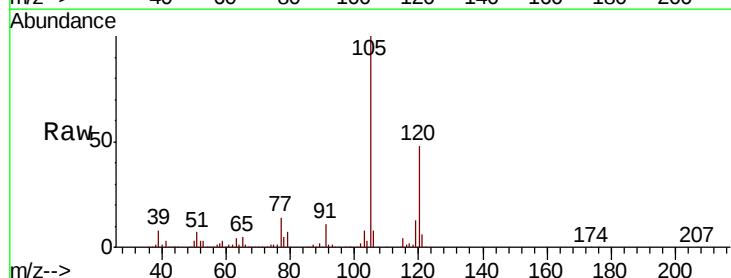


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

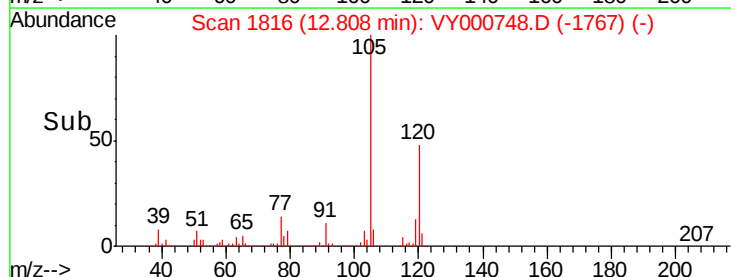
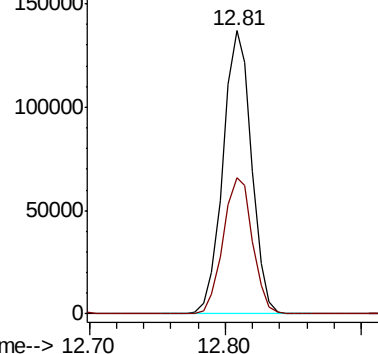


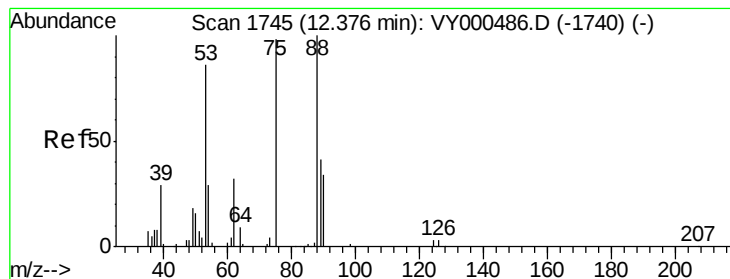
#80
 1,3,5-Trimethylbenzene
 Concen: 20.678 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion: 105 Resp: 201535
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.707 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

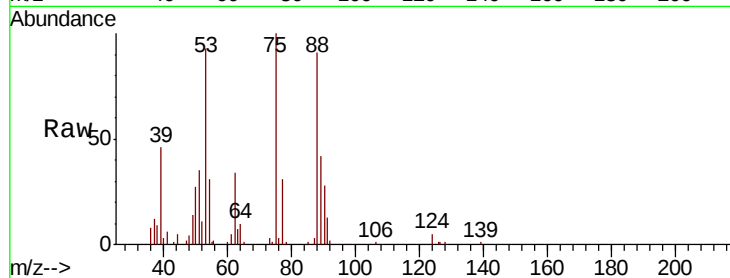
Tot Ion: 75 Resp: 16651

Ion Ratio Lower Upper

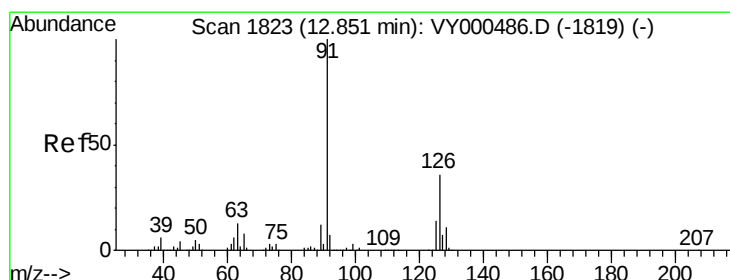
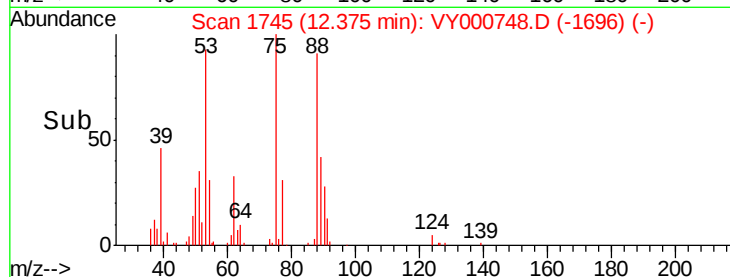
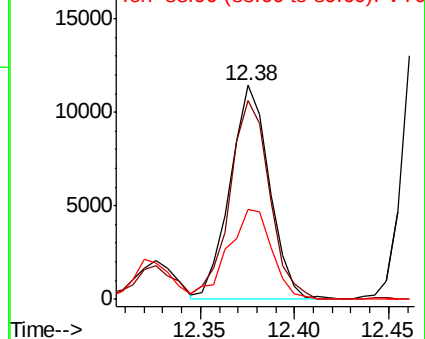
75 100

53 93.6 73.2 109.8

89 46.6 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.290 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000748.D

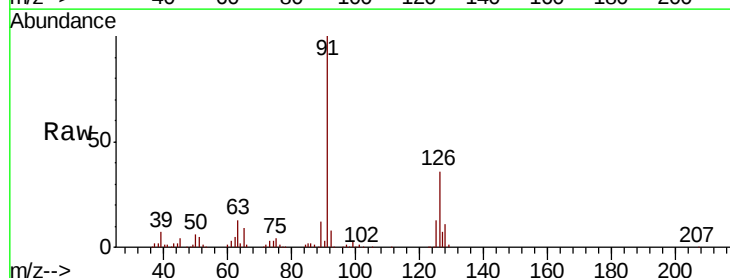
Acq: 20 Nov 2019 12:24

Tgt Ion: 91 Resp: 172999

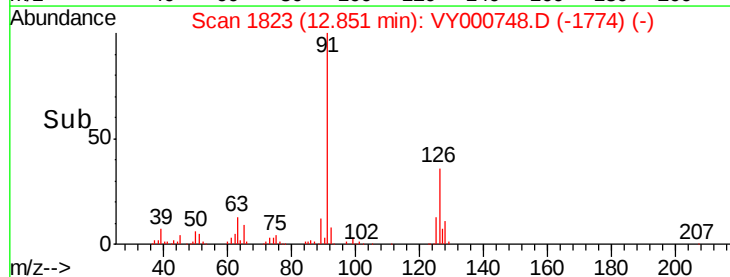
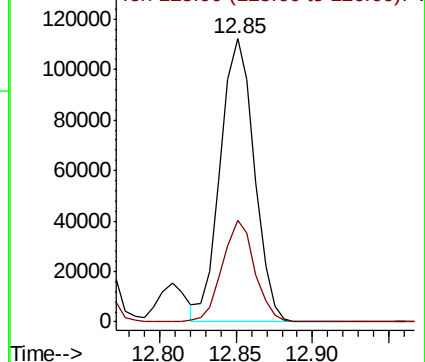
Ion Ratio Lower Upper

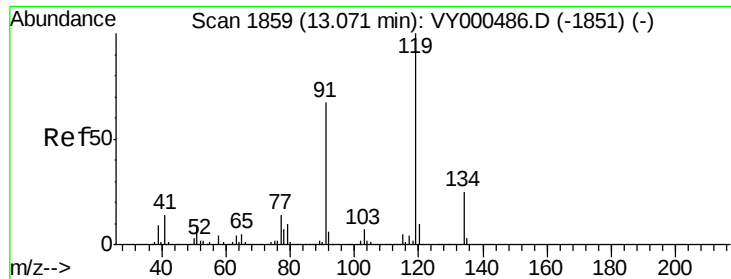
91 100

126 34.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

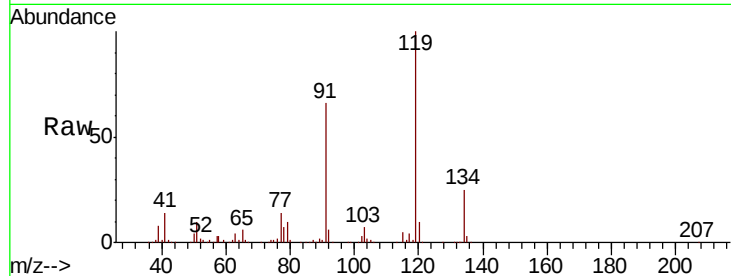




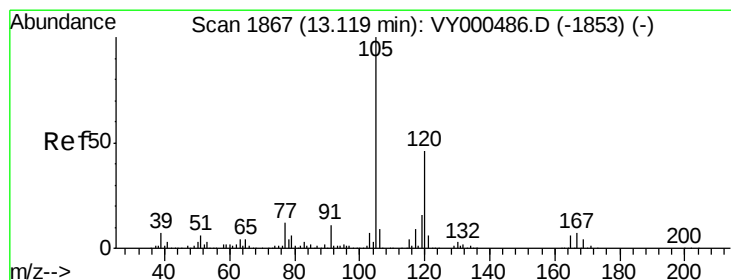
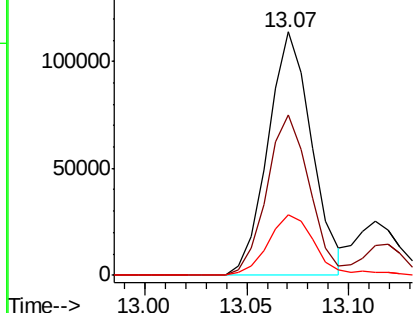
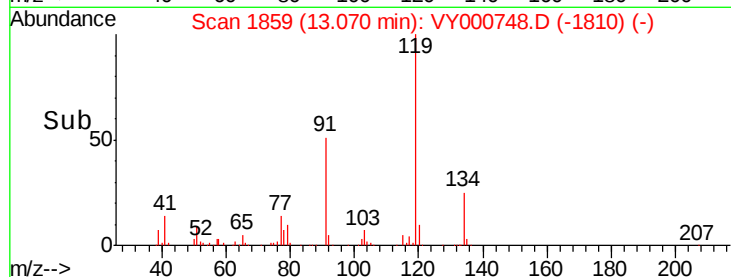
#83
tert-Butylbenzene
Concen: 20.496 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 170566
Ion Ratio Lower Upper
119 100
91 64.1 32.1 96.3
134 26.8 13.2 39.5

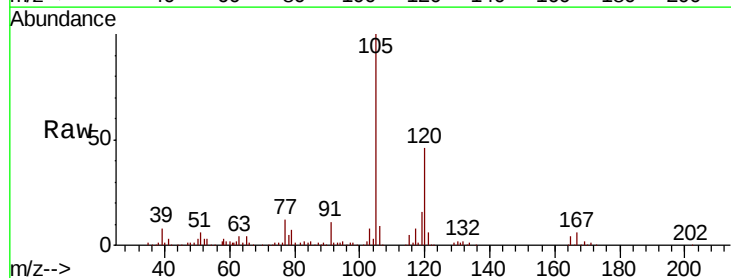


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

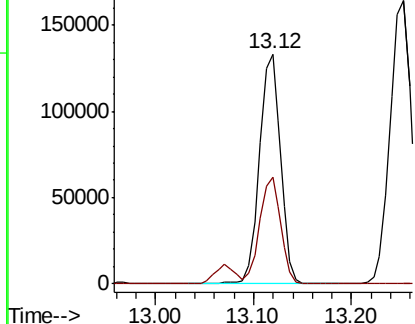
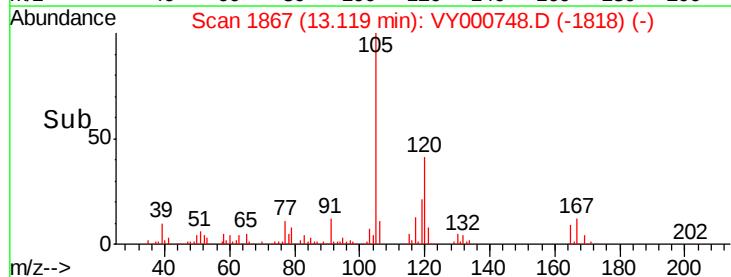


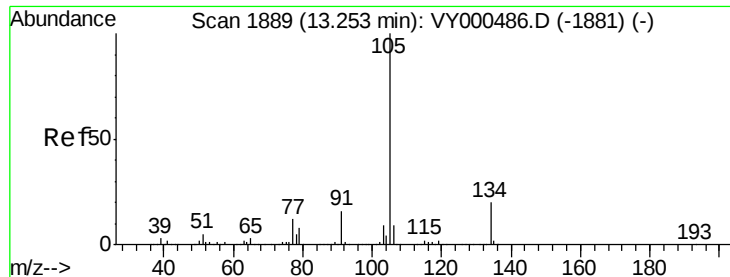
#84
1,2,4-Trimethylbenzene
Concen: 20.663 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:105 Resp: 200519
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 21.055 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

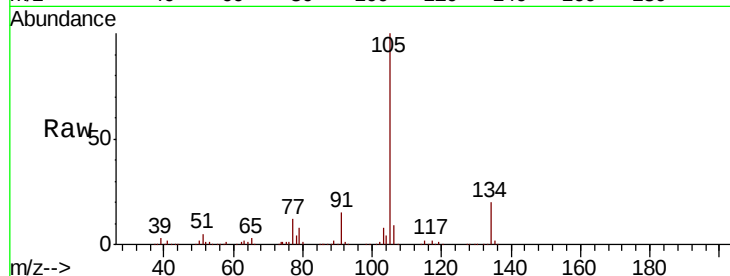
ClientSampleId :

Tot Ion:105 Resp: 249642

Ion Ratio Lower Upper

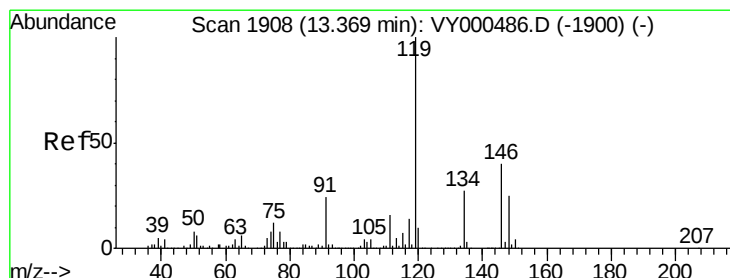
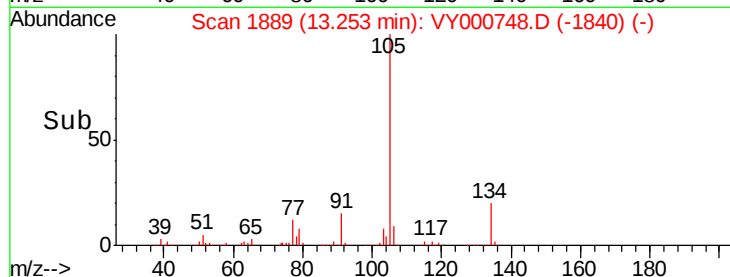
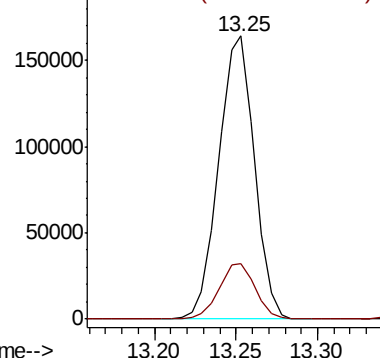
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.803 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

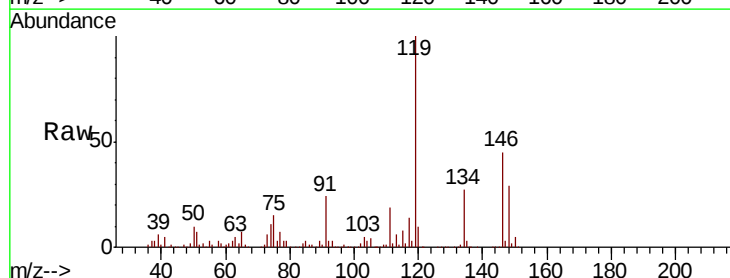
Tgt Ion:119 Resp: 219829

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

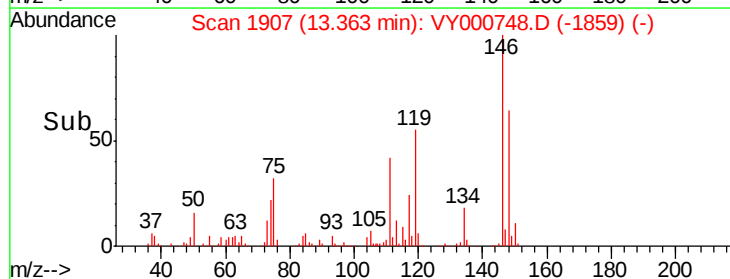
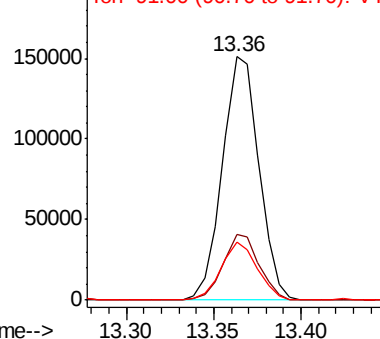
91 23.6 12.0 36.1

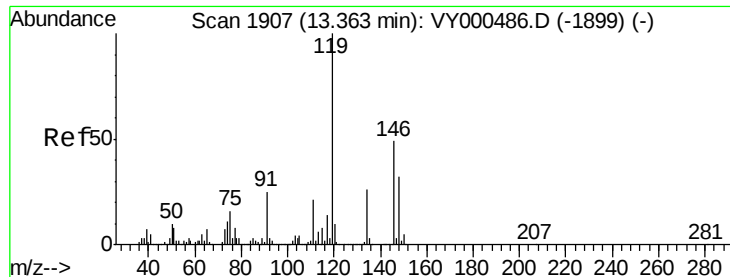


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

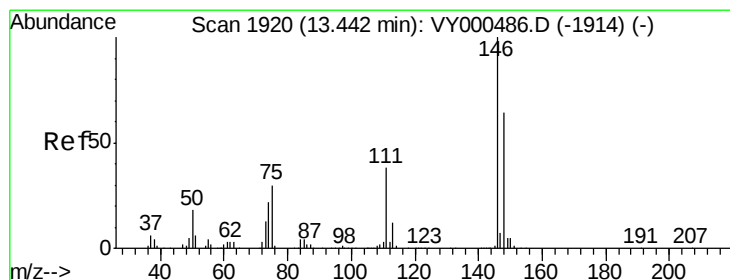
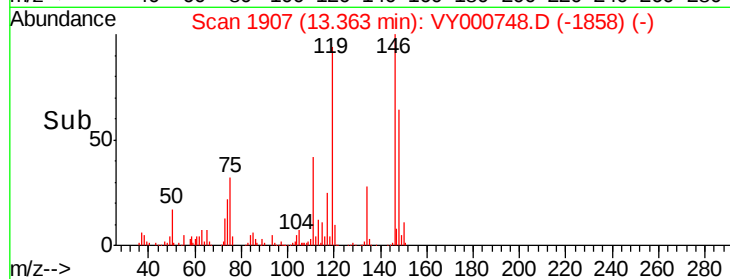
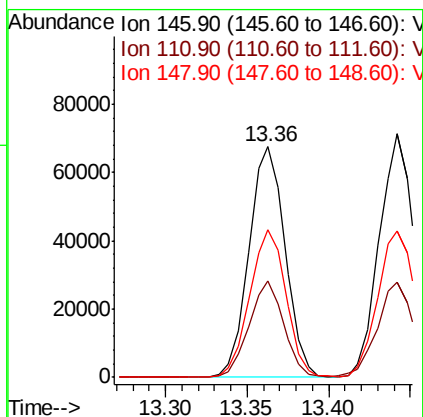
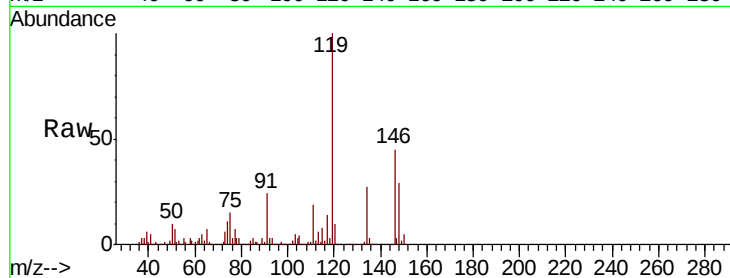




#87
 1,3-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

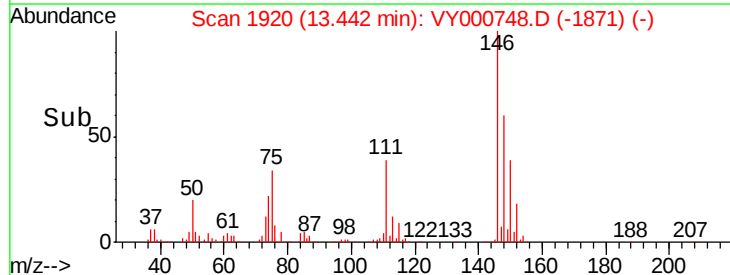
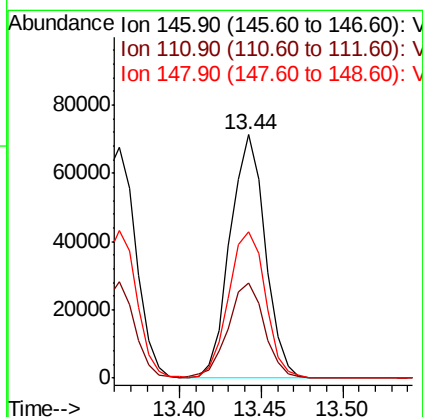
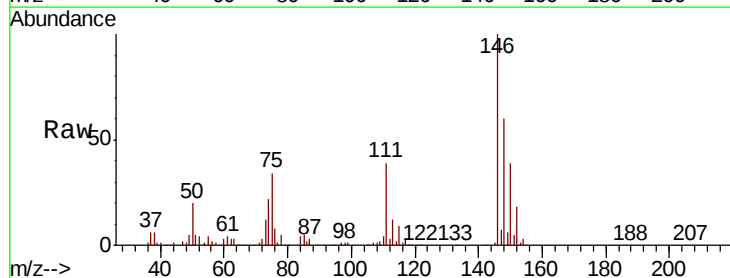
Instrument :
 MSVOA_Y
 ClientSampleId :

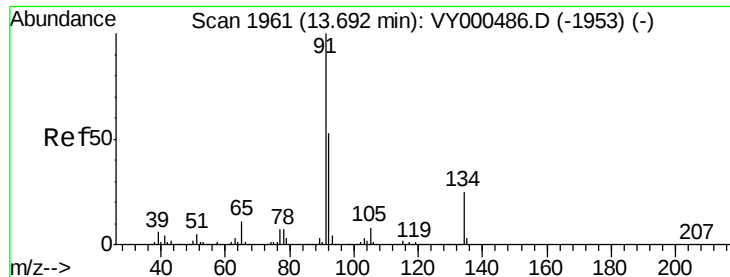
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.3	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.605 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.0
148	63.4	31.9	95.7

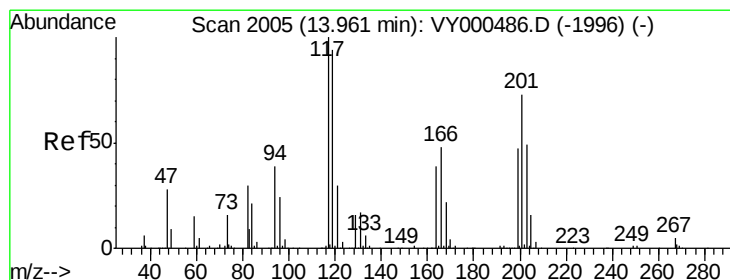
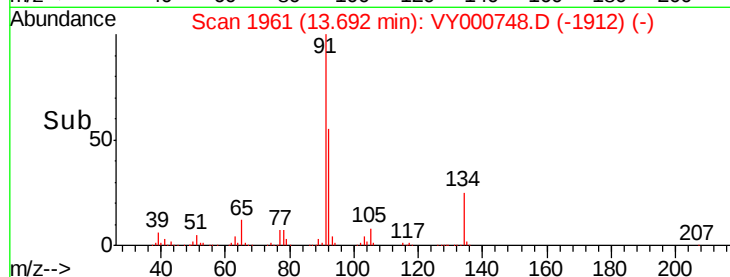
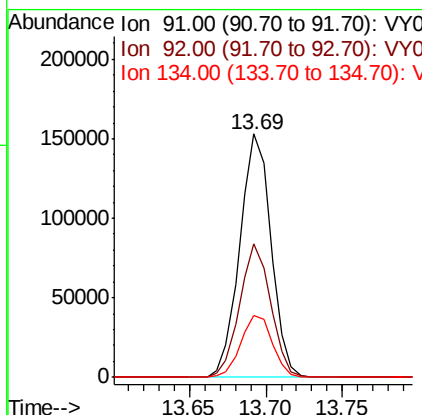
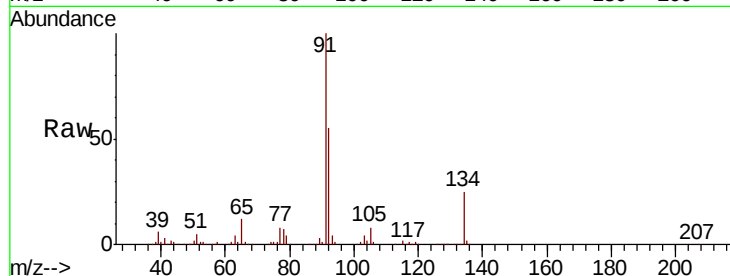




#89
n-Butylbenzene
Concen: 20.838 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

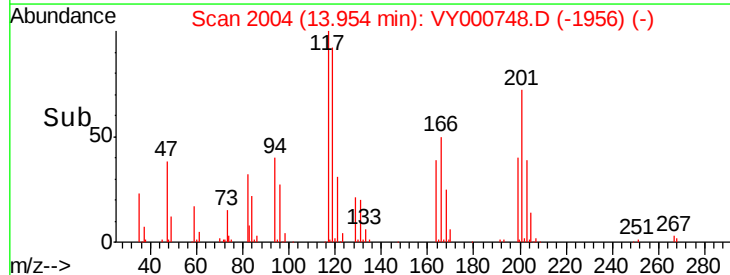
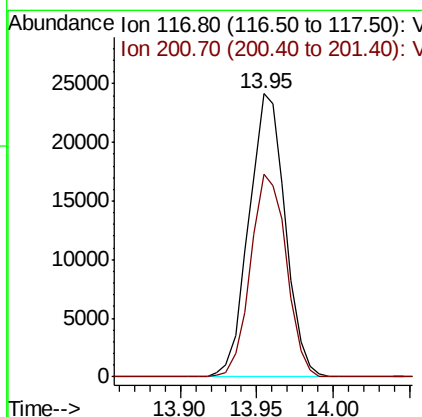
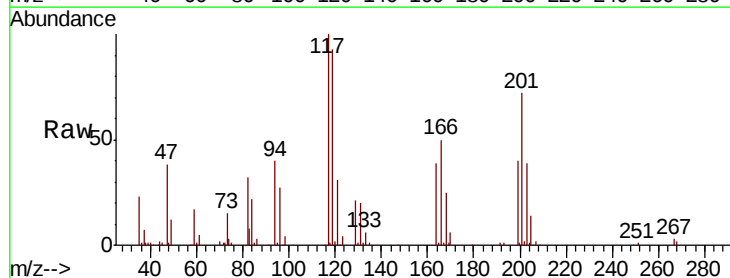
Instrument :
MSVOA_Y
ClientSampleId :

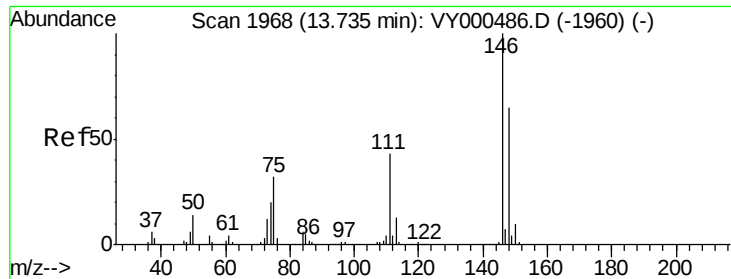
Tot Ion: 91 Resp: 217178
Ion Ratio Lower Upper
91 100
92 54.4 26.8 80.3
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 20.446 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 117 Resp: 39942
Ion Ratio Lower Upper
117 100
201 70.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 20.678 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

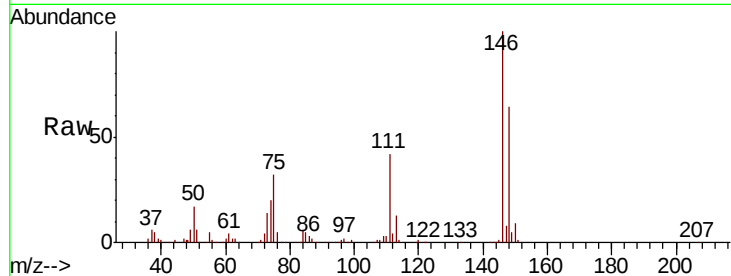
Tot Ion:146 Resp: 97521

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

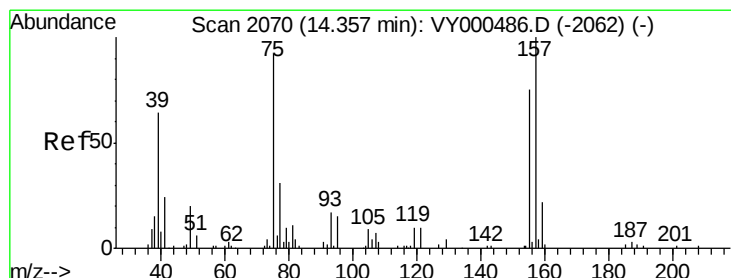
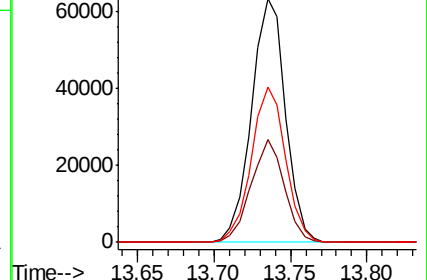
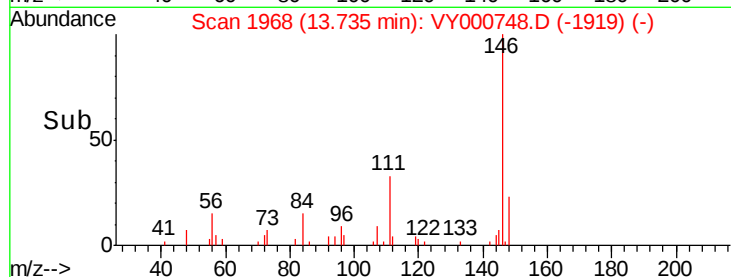
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.588 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

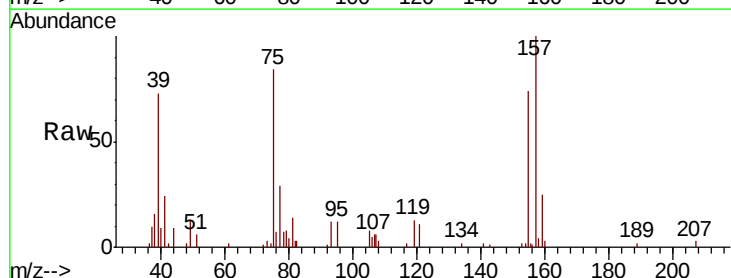
Tgt Ion: 75 Resp: 8853

Ion Ratio Lower Upper

75 100

155 80.3 42.4 127.1

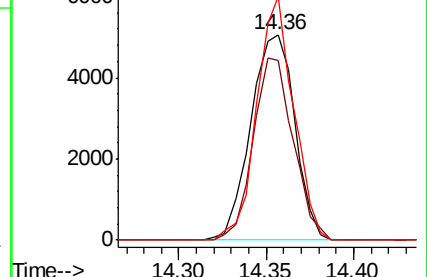
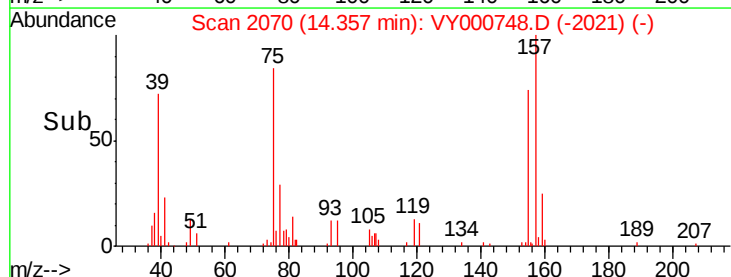
157 98.6 55.1 165.3

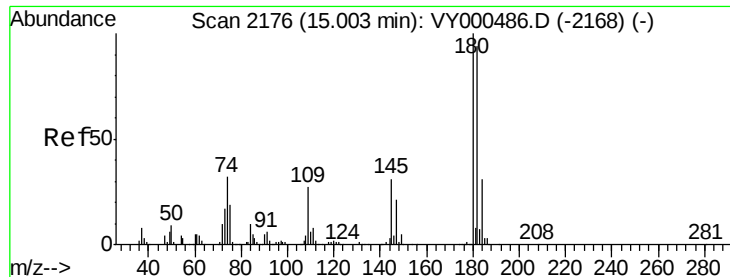


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

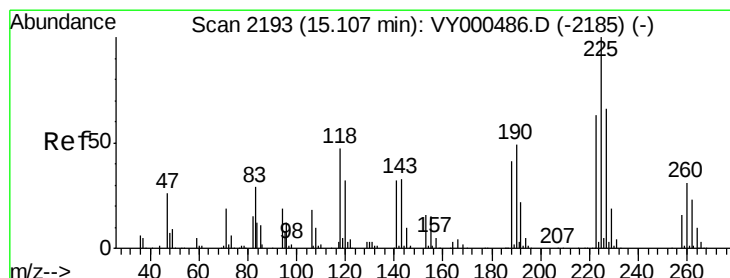
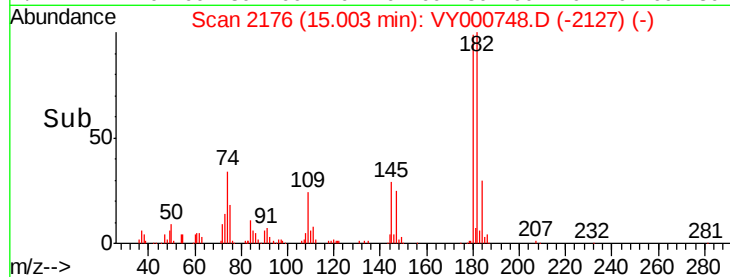
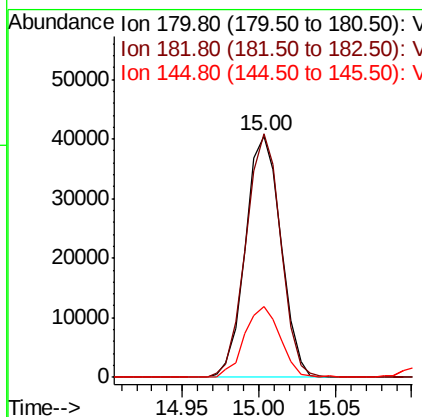
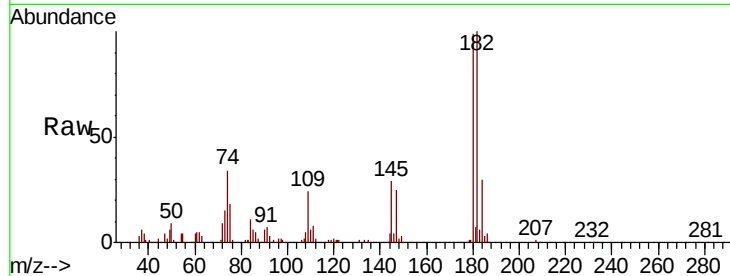




#93
 1,2,4-Trichlorobenzene
 Concen: 20.362 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

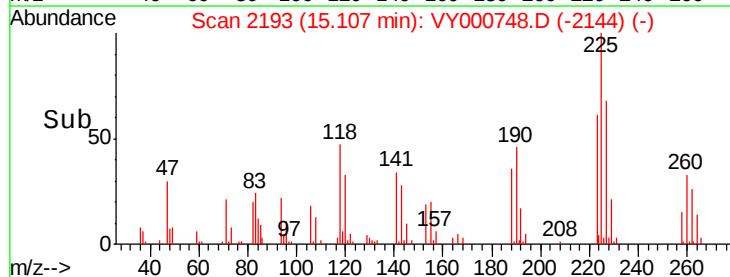
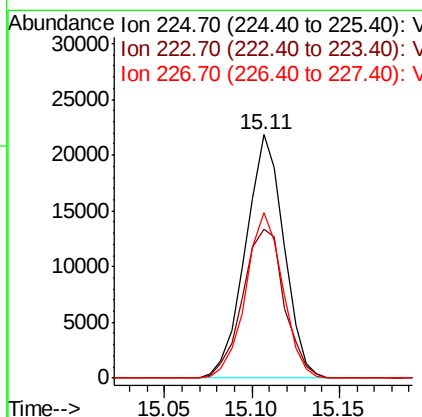
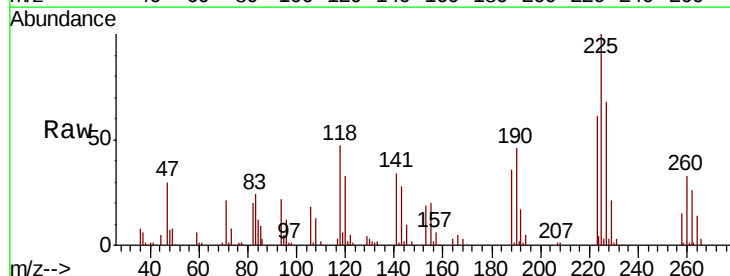
Instrument :
 MSVOA_Y
 ClientSampled :

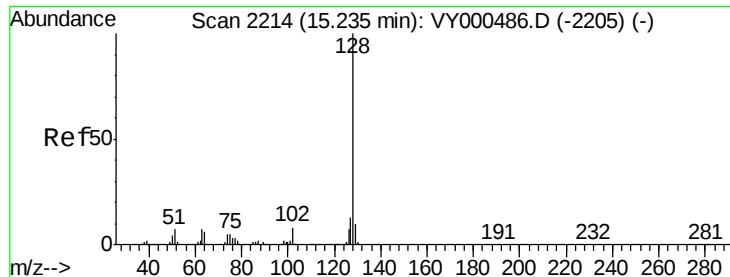
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.8	143.4
145	29.6	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.119 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.3	93.8
227	65.4	32.4	97.0

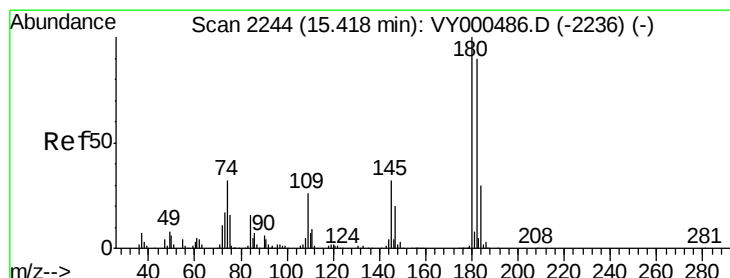
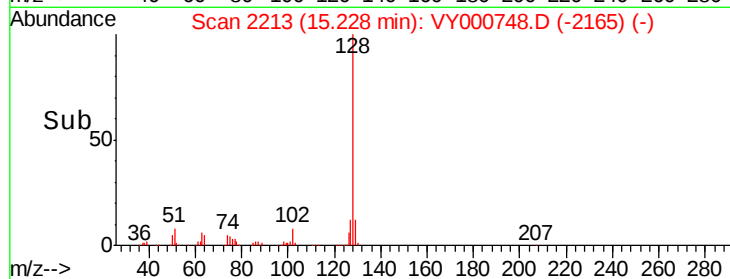
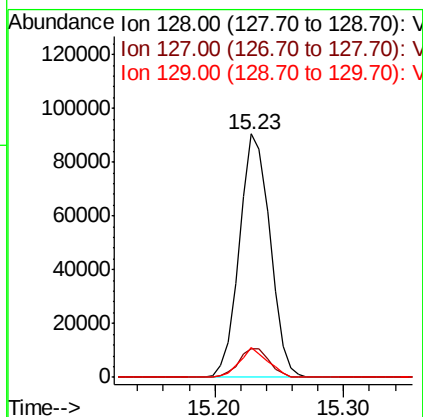
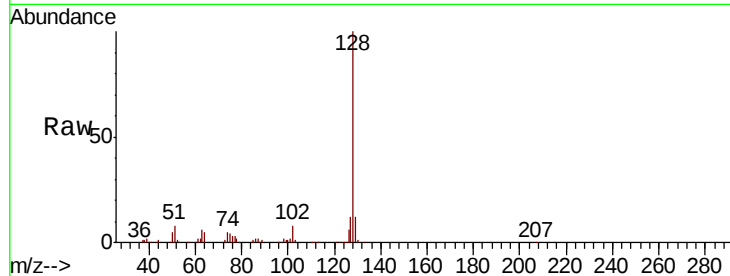




#95
Naphthalene
Concen: 20.862 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 148718
Ion Ratio Lower Upper
128 100
127 11.9 9.8 14.6
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.763 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:180 Resp: 59818
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.3
145 32.0 15.7 47.0

