

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000692.D
 Acq On : 15 Nov 2019 11:54
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:29:27 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	212746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	119206	54.14	ug/l	0.00
Spiked Amount			Recovery	=	108.28%	
35) Dibromofluoromethane	7.73	113	104258	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.18	98	428210	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.48	95	152222	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	41647	19.886	ug/l	96
3) Chloromethane	2.12	50	59589	20.655	ug/l	96
4) Vinyl Chloride	2.25	62	54481	20.336	ug/l	98
5) Bromomethane	2.63	94	48821	30.389	ug/l	97
6) Chloroethane	2.79	64	36556	21.802	ug/l	96
7) Trichlorofluoromethane	3.12	101	80947	22.373	ug/l	98
8) Diethyl Ether	3.54	74	26153	20.344	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	46639	21.322	ug/l	96
10) Methyl Iodide	4.10	142	31206	13.345	ug/l	98
11) Tert butyl alcohol	4.97	59	22296	104.033	ug/l	98
12) 1,1-Dichloroethene	3.88	96	45464	21.394	ug/l	95
13) Acrolein	3.74	56	14685	78.663	ug/l	94
14) Allyl chloride	4.49	41	77626	22.464	ug/l	98
15) Acrylonitrile	5.17	53	74194	112.662	ug/l	97
16) Acetone	3.96	43	58059	95.681	ug/l	96
17) Carbon Disulfide	4.20	76	135151	20.164	ug/l	99
18) Methyl Acetate	4.49	43	40413	21.419	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	125454	21.233	ug/l	97
20) Methylene Chloride	4.72	84	61310	23.580	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	51960	21.628	ug/l	95
22) Diisopropyl ether	6.13	45	163951	21.829	ug/l	98
23) Vinyl Acetate	6.07	43	518457	109.352	ug/l	99
24) 1,1-Dichloroethane	6.04	63	86971	21.375	ug/l	98
25) 2-Butanone	7.00	43	97237	100.409	ug/l	100
26) 2,2-Dichloropropane	6.99	77	77777	20.917	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	55825	21.250	ug/l	97
28) Bromochloromethane	7.34	49	23443	15.692	ug/l	91
29) Tetrahydrofuran	7.36	42	63721	107.557	ug/l	99
30) Chloroform	7.52	83	93304	22.668	ug/l	97
31) Cyclohexane	7.79	56	89768	21.064	ug/l	# 95
32) 1,1,1-Trichloroethane	7.71	97	78784	21.476	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71236	21.252	ug/l	99
37) Ethyl Acetate	7.09	43	40805	20.504	ug/l	98
38) Carbon Tetrachloride	7.91	117	69670	21.601	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91571	21.145	ug/l	96
40) Benzene	8.17	78	208069	21.173	ug/l	100
41) Methacrylonitrile	7.36	41	35561	32.031	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	60747	21.794	ug/l	99
43) Isopropyl Acetate	8.28	43	80656	21.575	ug/l	97
44) Trichloroethene	8.95	130	56646	21.862	ug/l	90
45) 1,2-Dichloropropane	9.22	63	52203	21.583	ug/l	96
46) Dibromomethane	9.31	93	28870	21.704	ug/l	99
47) Bromodichloromethane	9.50	83	68000	21.545	ug/l	99
48) Methyl methacrylate	9.30	41	36200	22.162	ug/l	96
49) 1,4-Dioxane	9.31	88	8541	477.092	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	215319	108.331	ug/l	98
52) Toluene	10.24	92	134322	21.619	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	71612	21.235	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	82420	21.333	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	41694	21.671	ug/l	91
56) Ethyl methacrylate	10.51	69	58030	21.281	ug/l	99
57) 1,3-Dichloropropane	10.79	76	73240	21.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	117879	95.620	ug/l	98
59) 2-Hexanone	10.83	43	144514	99.791	ug/l	98
60) Dibromochloromethane	10.99	129	44298	20.101	ug/l	99
61) 1,2-Dibromoethane	11.09	107	38840	20.996	ug/l	99
64) Tetrachloroethene	10.72	164	54655	20.641	ug/l	96
65) Chlorobenzene	11.52	112	138659	21.357	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	48761	21.655	ug/l	98
67) Ethyl Benzene	11.59	91	251486	21.047	ug/l	97
68) m/p-Xylenes	11.70	106	191409	41.388	ug/l	96
69) o-Xylene	12.03	106	94345	21.706	ug/l	94
70) Styrene	12.04	104	154146	20.711	ug/l	100
71) Bromoform	12.20	173	27310	21.087	ug/l #	98
73) Isopropylbenzene	12.33	105	247657	21.622	ug/l	99
74) N-amyl acetate	12.14	43	68222	20.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50152	22.114	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	66675	37.784	ug/l #	100
77) Bromobenzene	12.61	156	55679	21.436	ug/l	99
78) n-propylbenzene	12.67	91	302941	21.920	ug/l	100
79) 2-Chlorotoluene	12.75	91	167871	21.880	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	205404	21.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16460	20.914	ug/l	97
82) 4-Chlorotoluene	12.85	91	173207	21.779	ug/l	97
83) tert-Butylbenzene	13.07	119	179349	22.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	211298	22.246	ug/l	98
85) sec-Butylbenzene	13.25	105	255727	22.037	ug/l	99
86) p-Isopropyltoluene	13.36	119	231015	22.336	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	108392	21.305	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	109785	21.595	ug/l	99
89) n-Butylbenzene	13.69	91	226495	22.203	ug/l	99
90) Hexachloroethane	13.95	117	39807	20.819	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	102312	22.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8868	22.094	ug/l	97

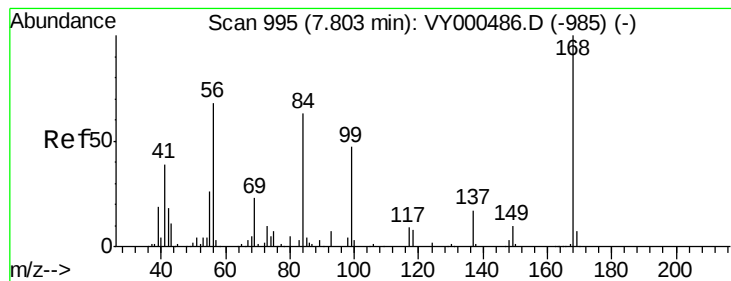
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
Data File : VY000692.D
Acq On : 15 Nov 2019 11:54
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70186	22.331	ug/l	99
94) Hexachlorobutadiene	15.11	225	35029	21.621	ug/l	98
95) Naphthalene	15.23	128	148900	21.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	63693	22.588	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: VY000692.D

Acq: 15 Nov 2019 11:54

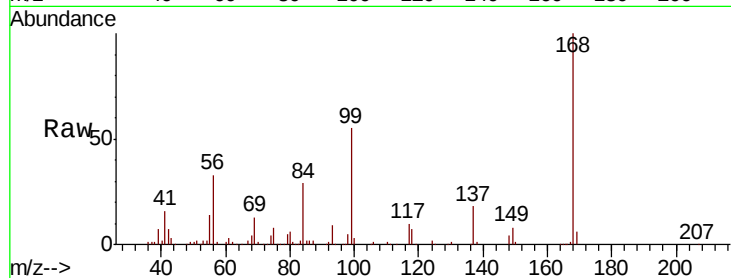
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 212746

Ion Ratio Lower Upper

168 100

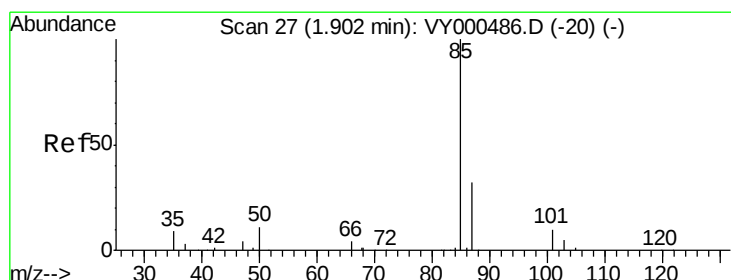
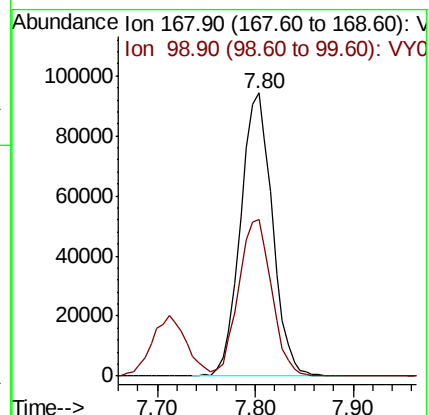
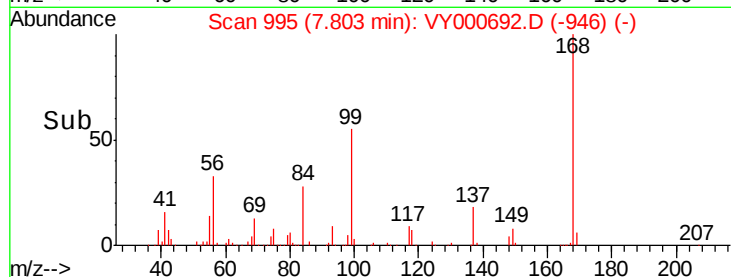
99 55.4 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80



#2

Dichlorodifluoromethane

Concen: 19.886 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000692.D

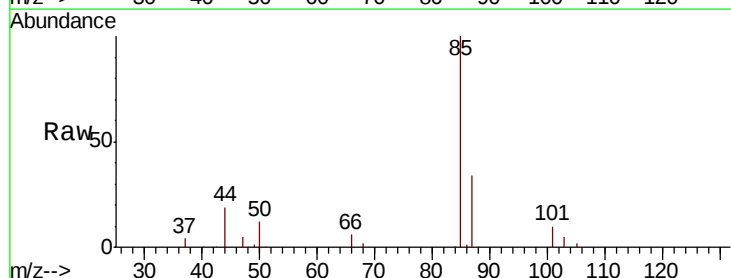
Acq: 15 Nov 2019 11:54

Tgt Ion: 85 Resp: 41647

Ion Ratio Lower Upper

85 100

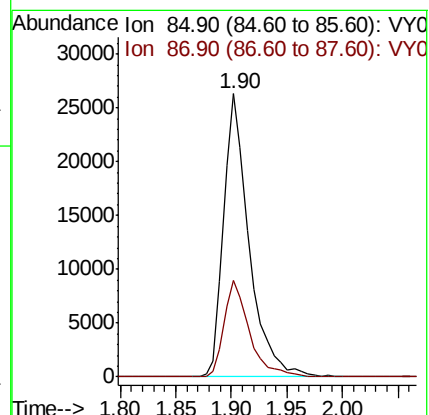
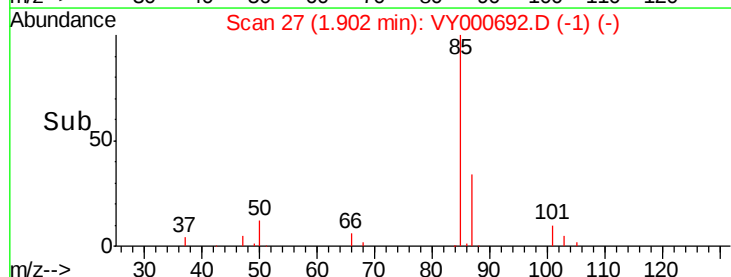
87 34.3 15.9 47.7

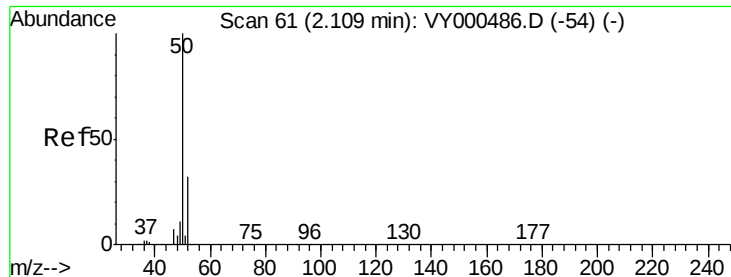


Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90





#3

Chloromethane

Concen: 20.655 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

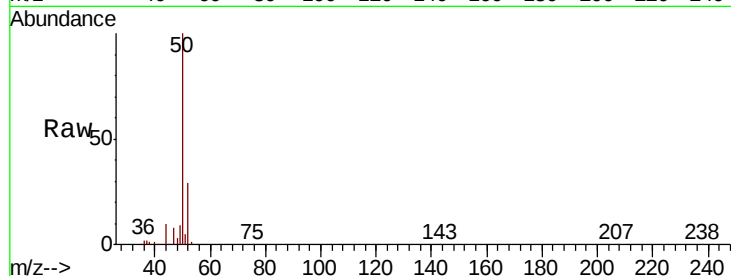
ClientSampleId :

Tot Ion: 50 Resp: 59589

Ion Ratio Lower Upper

50 100

52 29.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

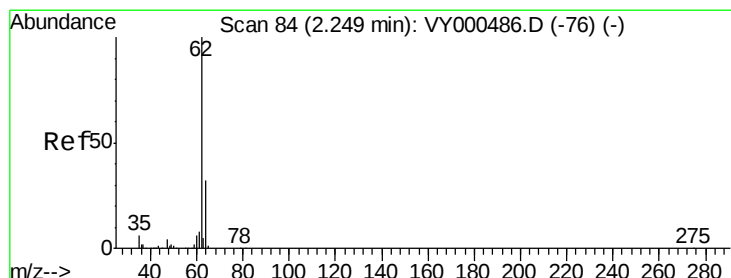
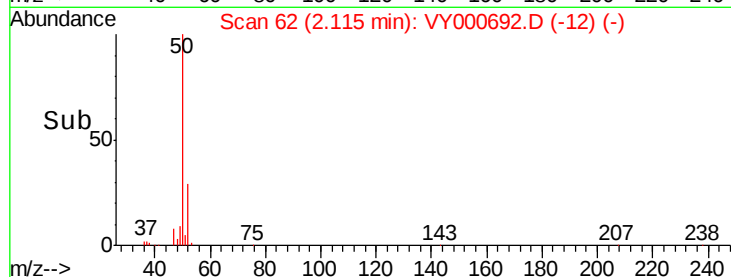
20000

10000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.336 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000692.D

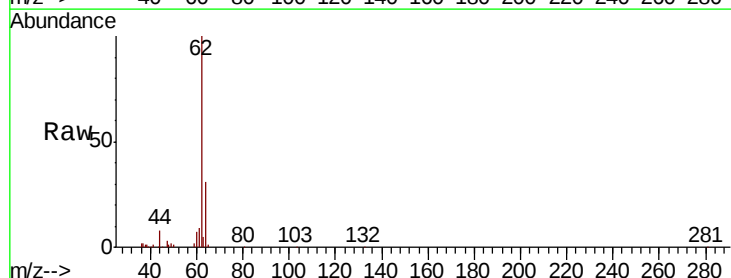
Acq: 15 Nov 2019 11:54

Tgt Ion: 62 Resp: 54481

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

30000

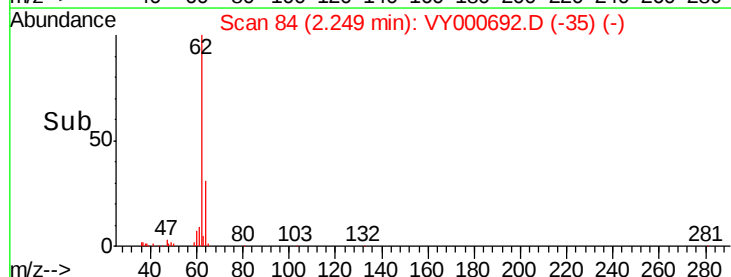
20000

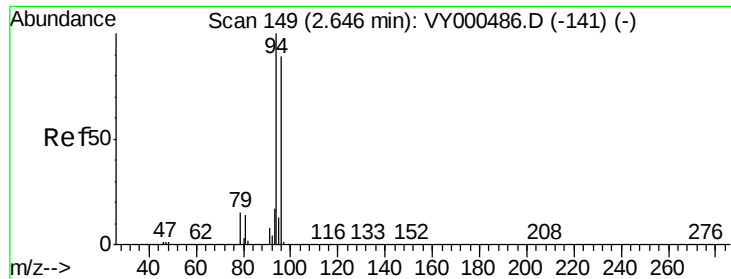
10000

0

Time-->

2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 30.389 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

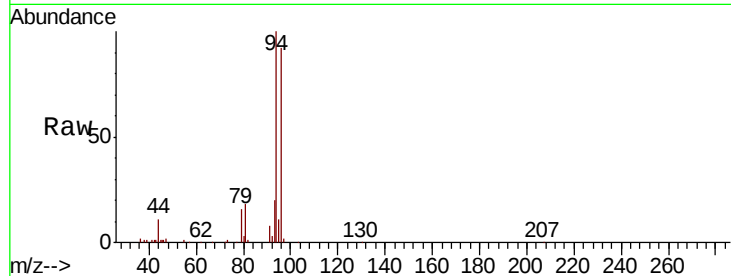
ClientSampleId :

Tot Ion: 94 Resp: 48821

Ion Ratio Lower Upper

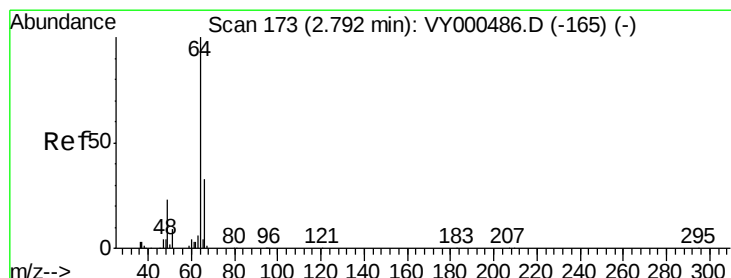
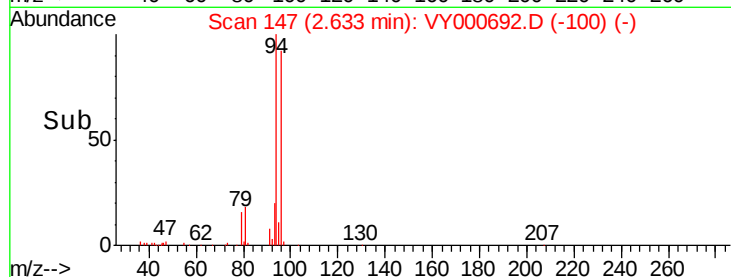
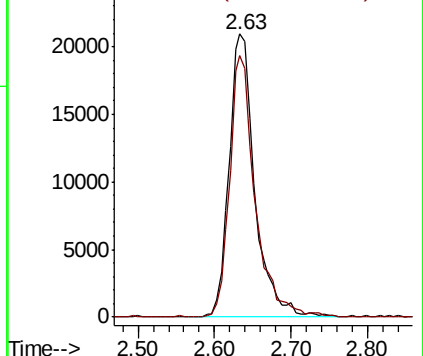
94 100

96 92.2 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: 21.802 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000692.D

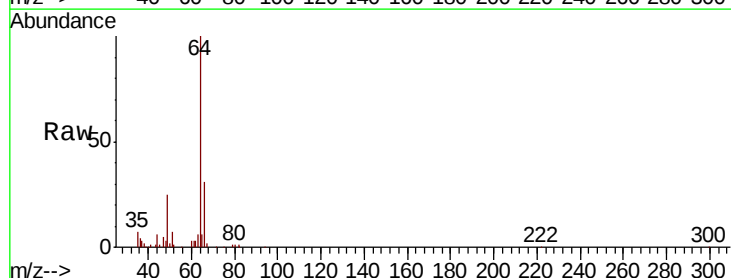
Acq: 15 Nov 2019 11:54

Tgt Ion: 64 Resp: 36556

Ion Ratio Lower Upper

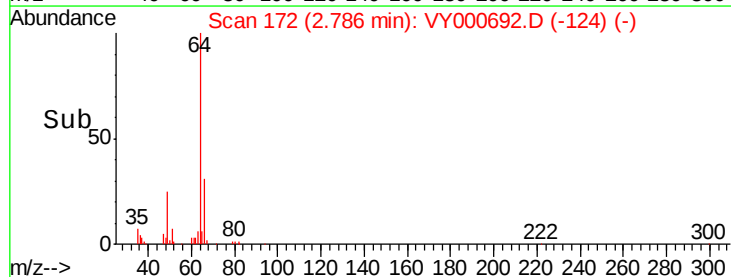
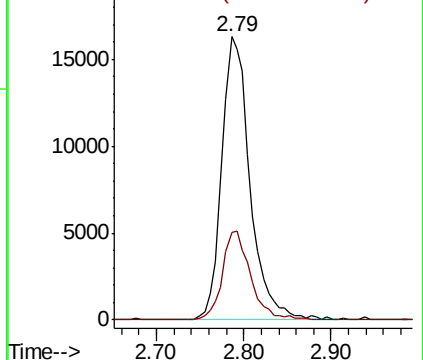
64 100

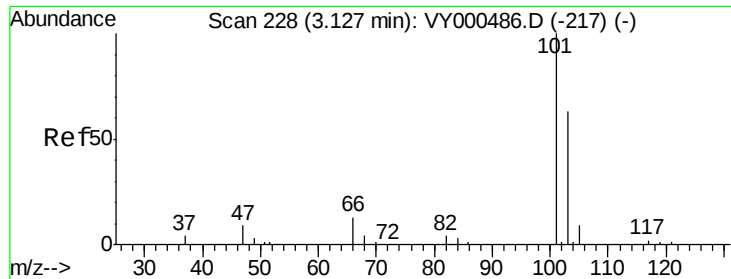
66 30.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



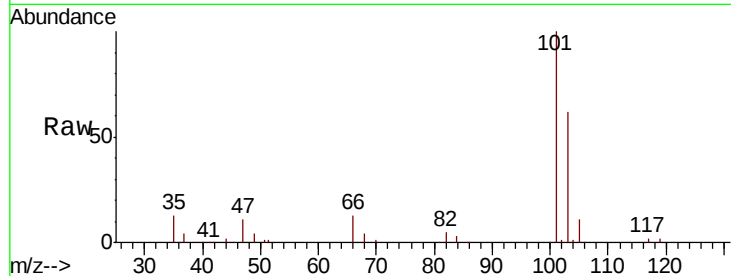


#7

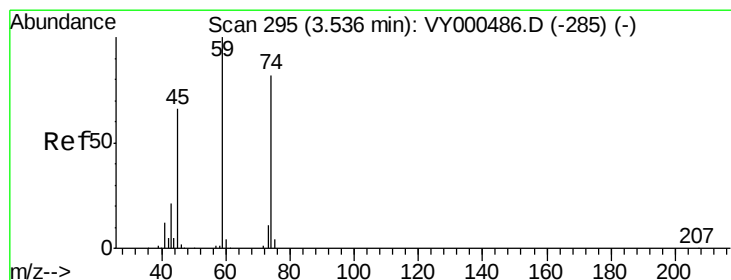
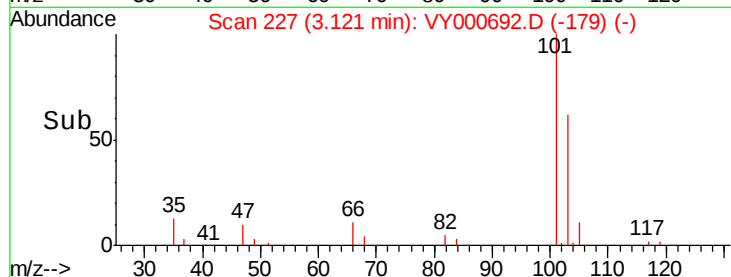
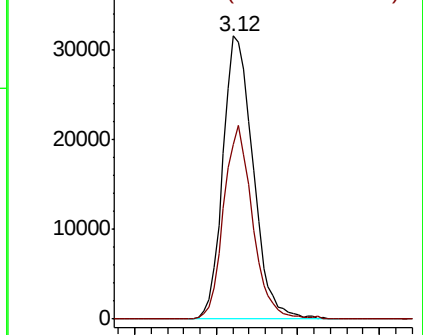
Trichlorofluoromethane
 Concen: 22.373 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 80947
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.5 75.7



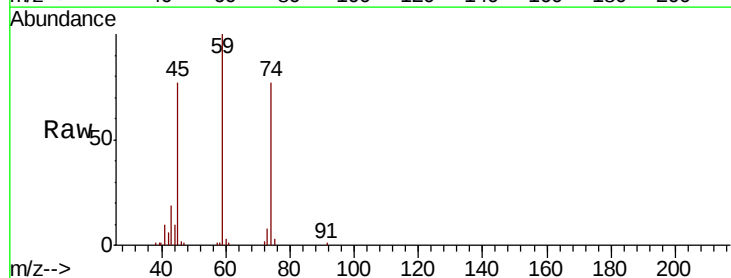
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



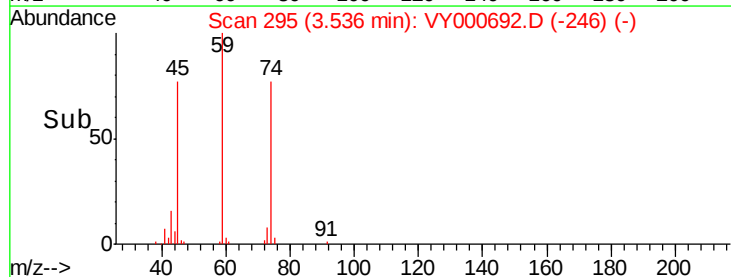
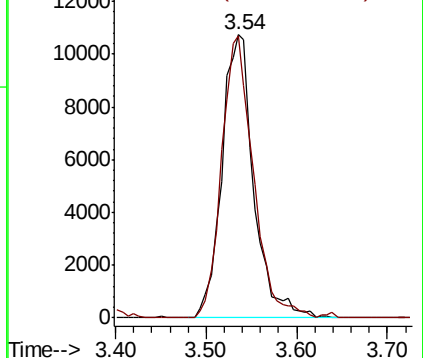
#8

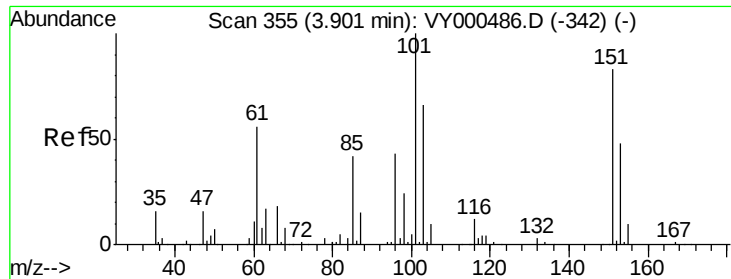
Diethyl Ether
 Concen: 20.344 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 74 Resp: 26153
 Ion Ratio Lower Upper
 74 100
 45 99.5 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0

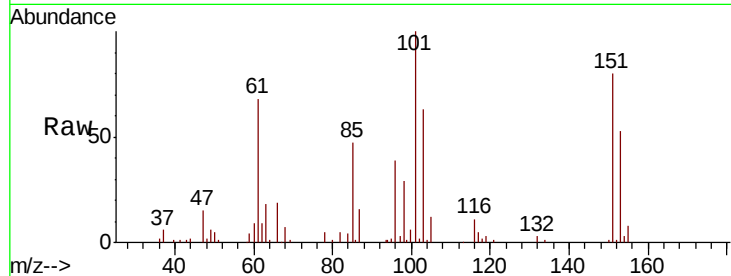




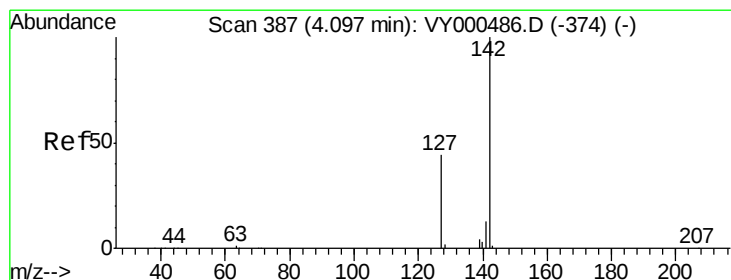
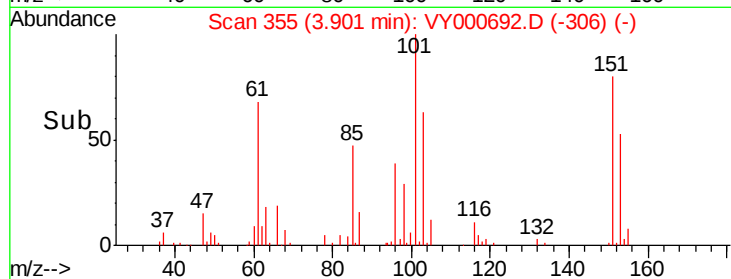
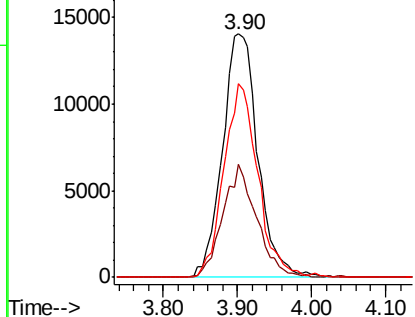
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.322 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 46639
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.7 55.1
 151 76.0 64.3 96.5

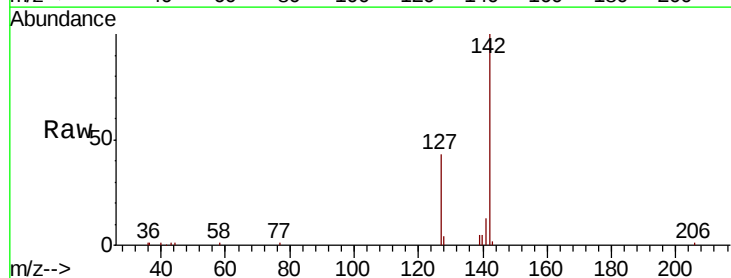


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

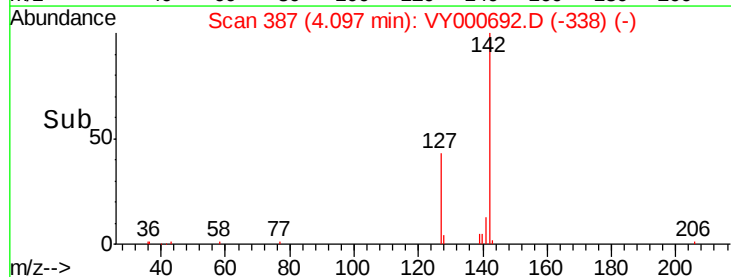
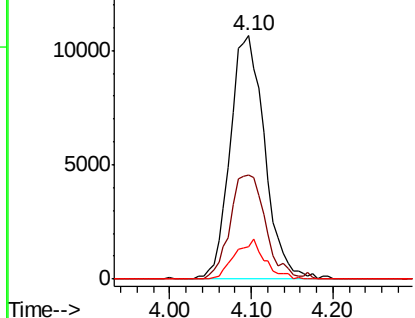


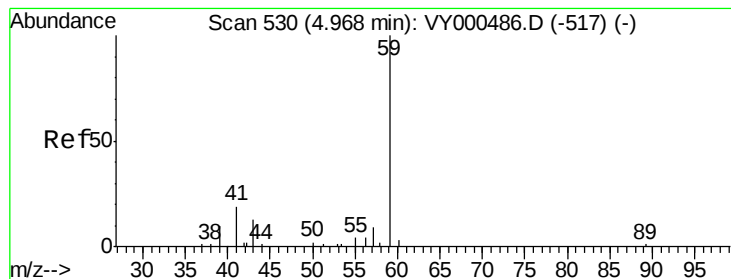
#10
 Methyl Iodide
 Concen: 13.345 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion:142 Resp: 31206
 Ion Ratio Lower Upper
 142 100
 127 43.7 33.7 50.5
 141 14.2 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



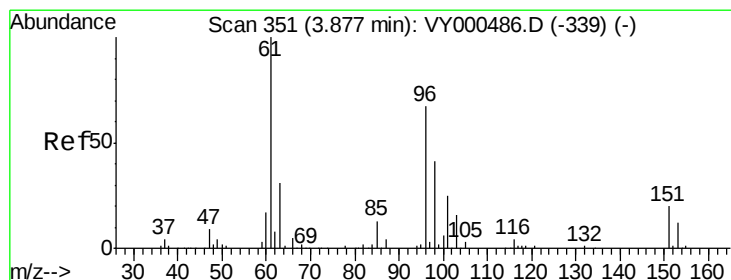
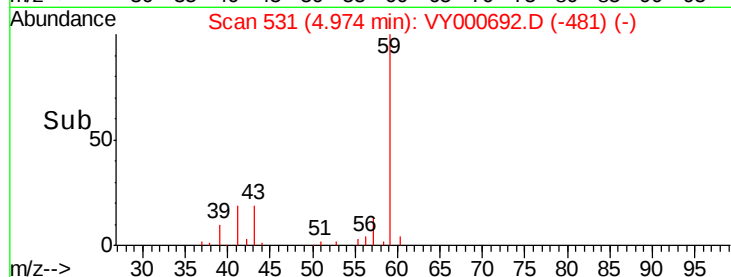
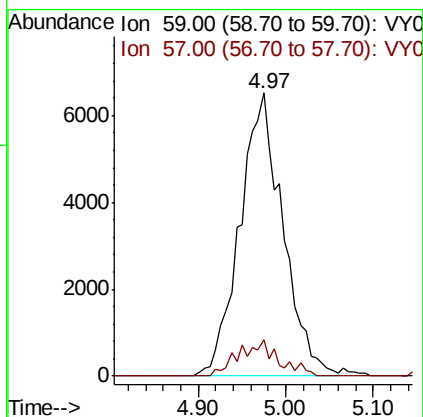
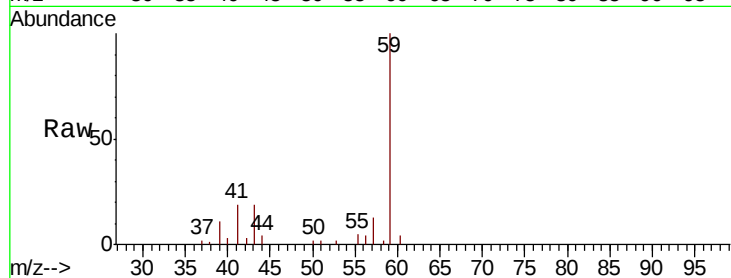


#11

Tert butyl alcohol
 Concen: 104.033 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

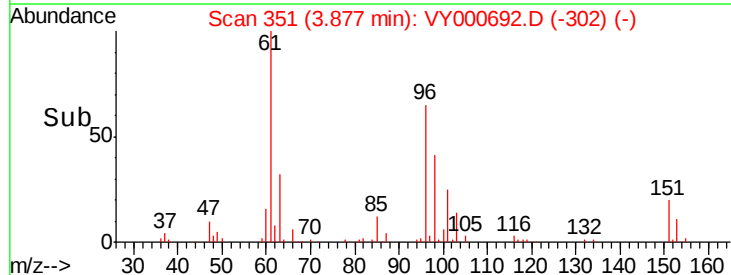
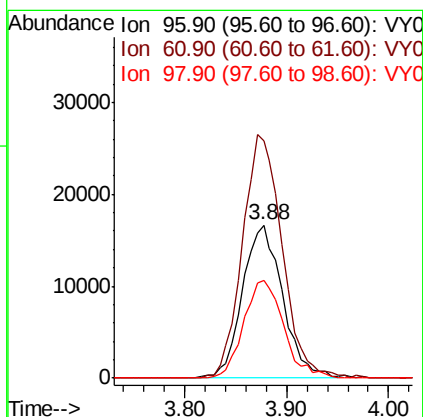
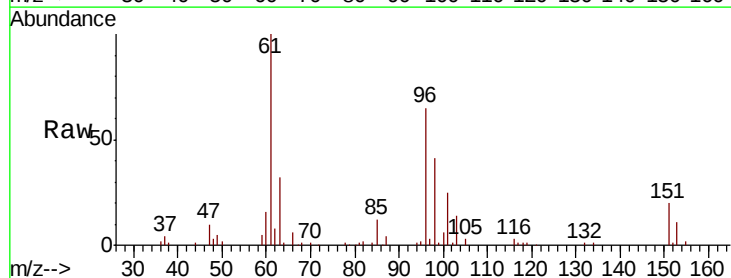
Tot Ion: 59 Resp: 22296
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.6 12.8

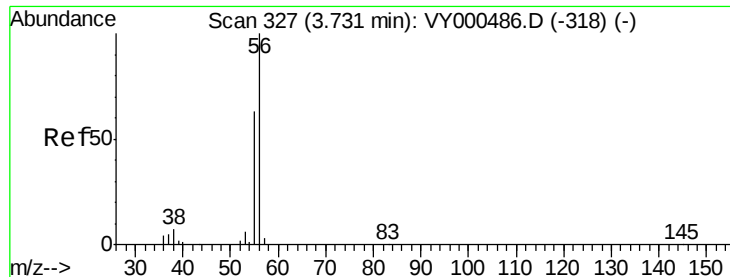


#12

1,1-Dichloroethene
 Concen: 21.394 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 96 Resp: 45464
 Ion Ratio Lower Upper
 96 100
 61 154.9 119.2 178.8
 98 64.1 48.6 73.0





#13

Acrolein

Concen: 78.663 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

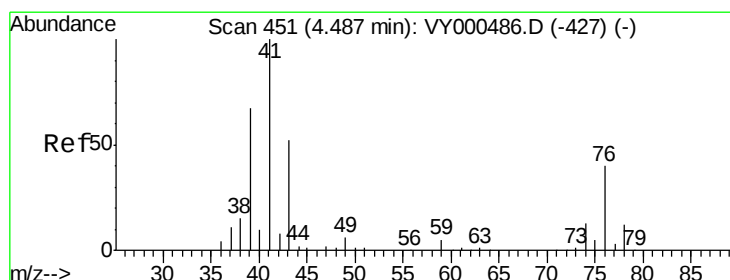
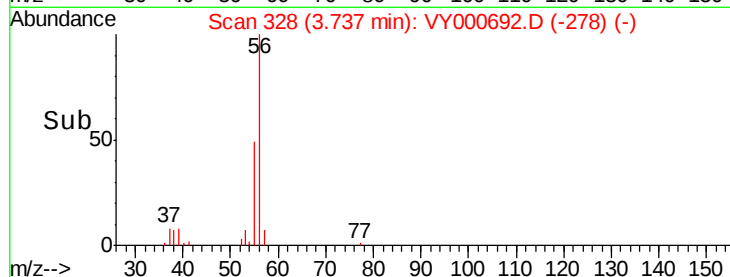
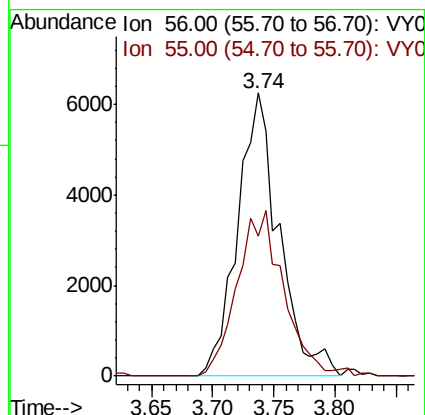
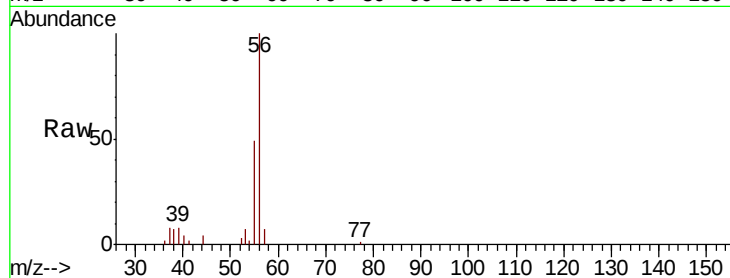
ClientSampleId :

Tot Ion: 56 Resp: 14685

Ion Ratio Lower Upper

56 100

55 66.2 57.0 85.6



#14

Allyl chloride

Concen: 22.464 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

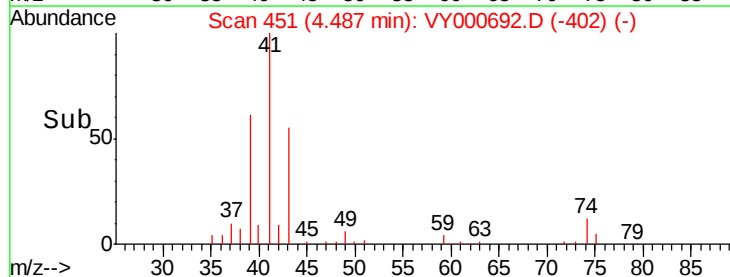
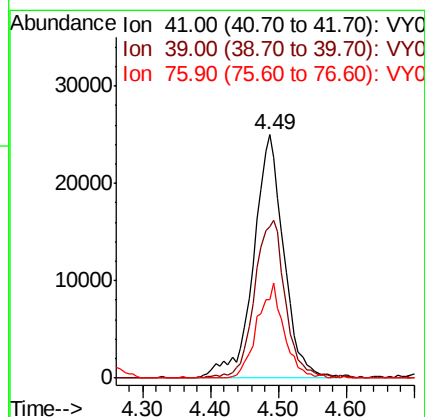
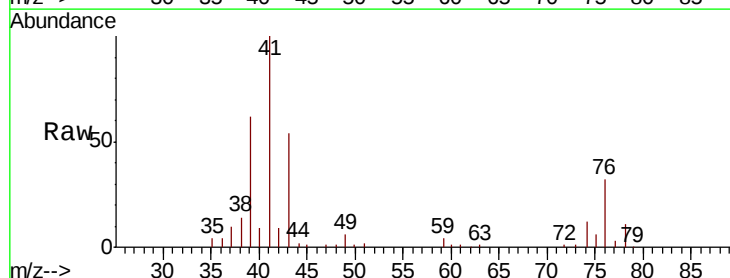
Tgt Ion: 41 Resp: 77626

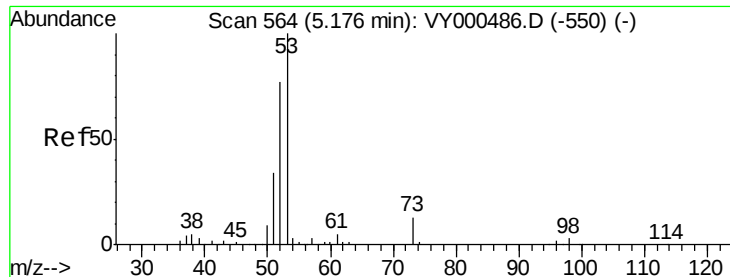
Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

76 34.5 29.8 44.6





#15

Acrylonitrile

Concen: 112.662 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

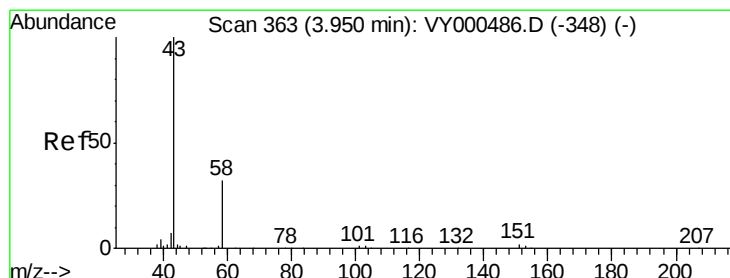
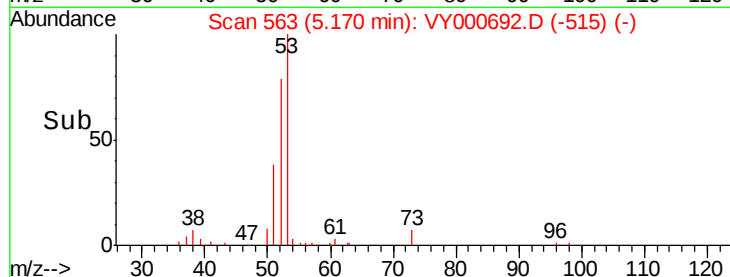
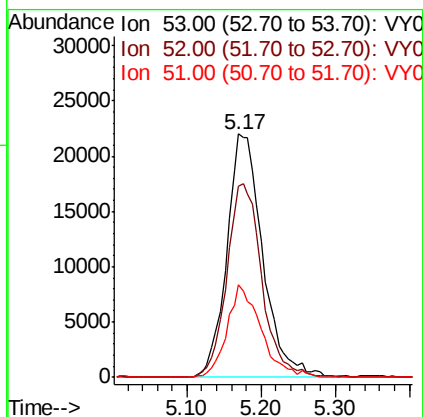
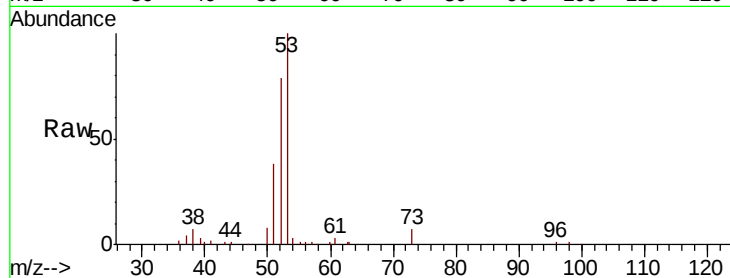
Tot Ion: 53 Resp: 74194

Ion Ratio Lower Upper

53 100

52 77.7 64.9 97.3

51 35.3 27.6 41.4



#16

Acetone

Concen: 95.681 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000692.D

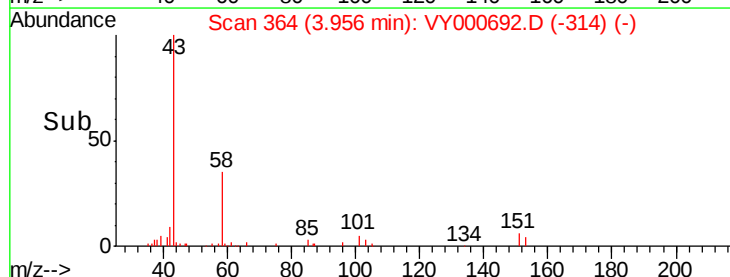
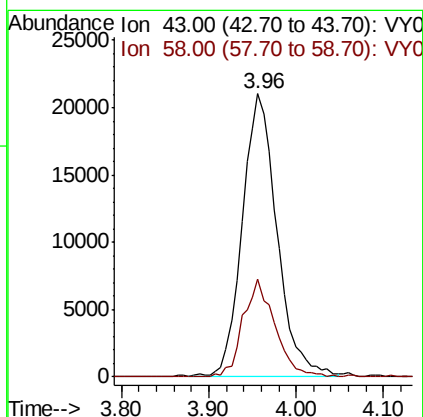
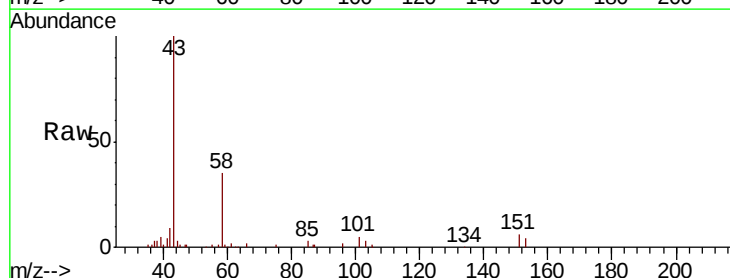
Acq: 15 Nov 2019 11:54

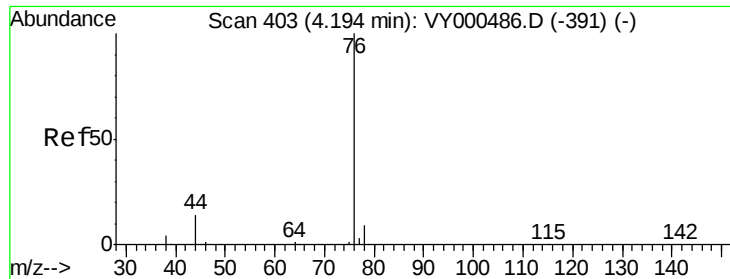
Tgt Ion: 43 Resp: 58059

Ion Ratio Lower Upper

43 100

58 34.7 25.8 38.6

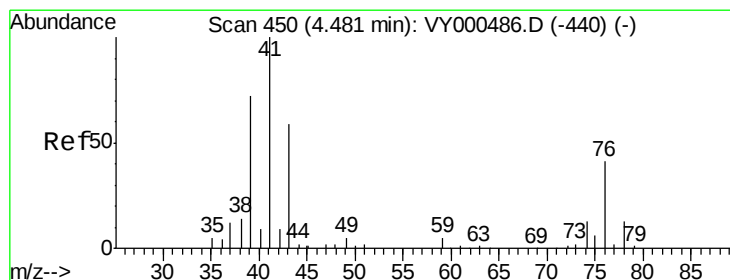
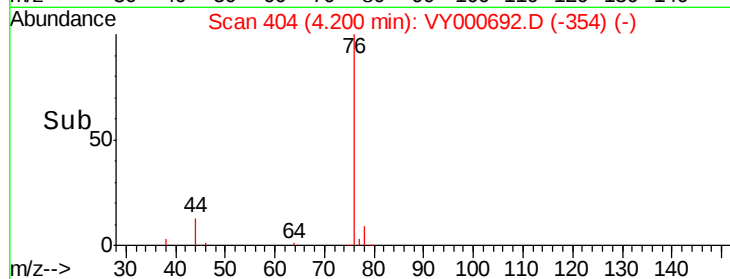
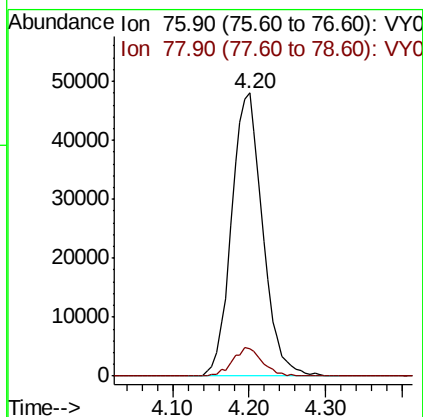
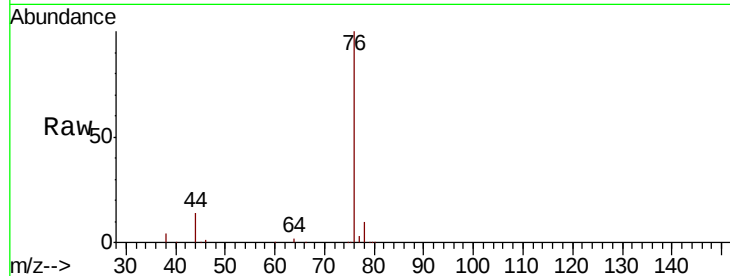




#17
Carbon Disulfide
Concen: 20.164 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

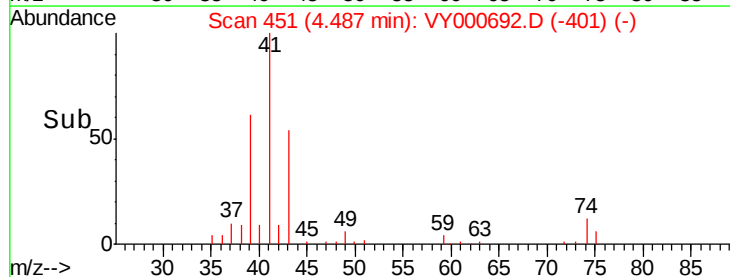
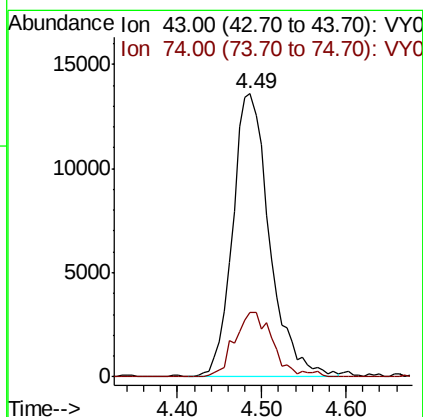
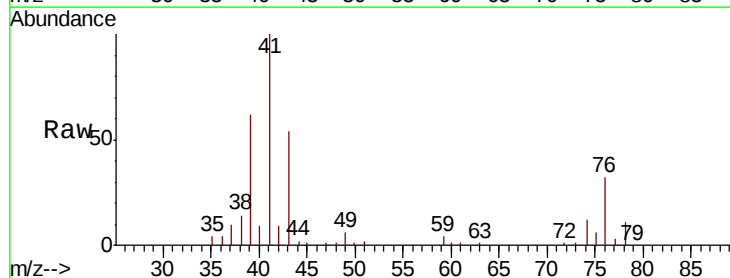
Instrument :
MSVOA_Y
ClientSampled :

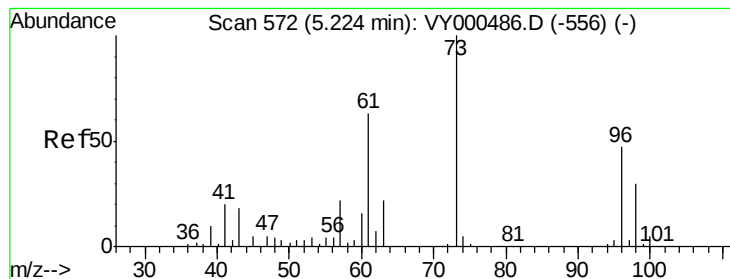
Tot Ion: 76 Resp: 135151
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 21.419 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 43 Resp: 40413
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



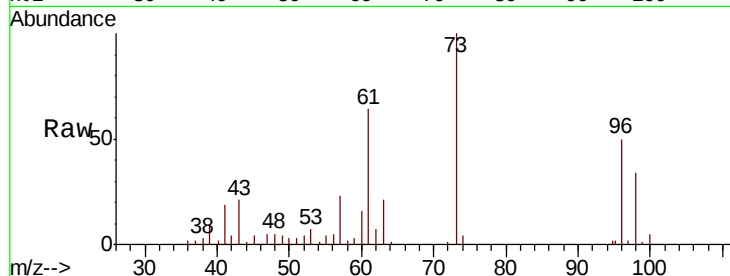


#19

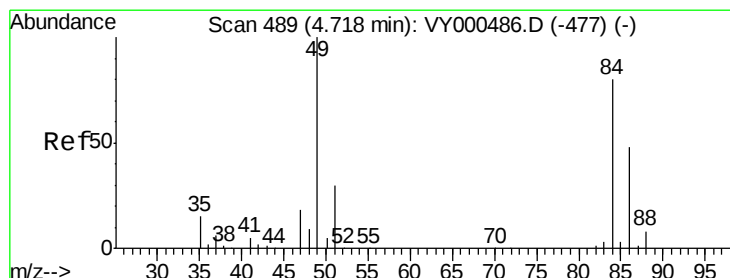
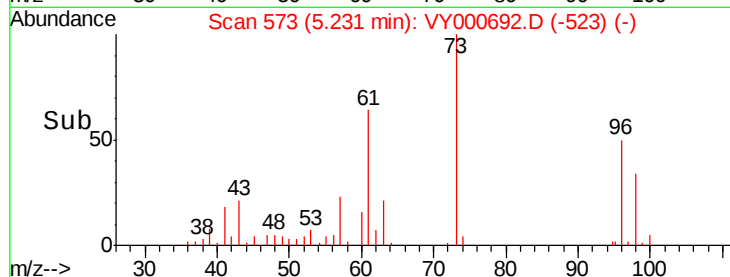
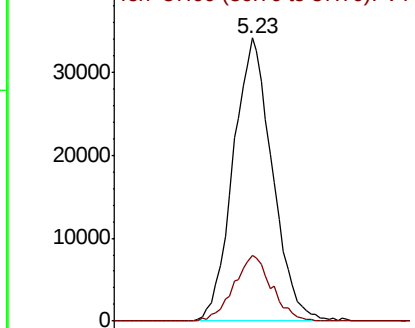
Methyl tert-butyl Ether
 Concen: 21.233 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 125454
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.4 26.0



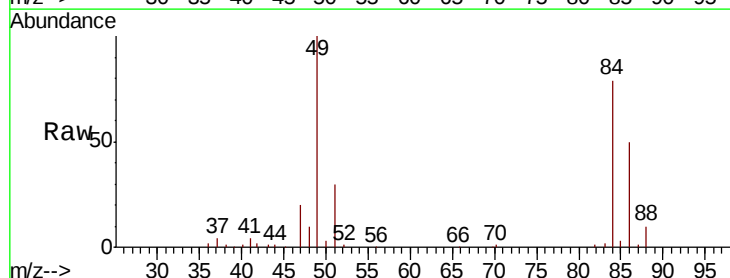
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



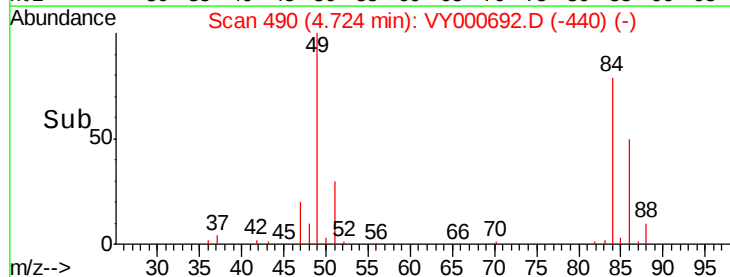
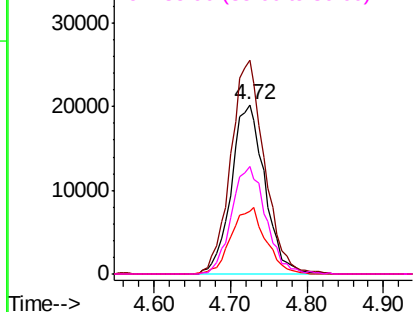
#20

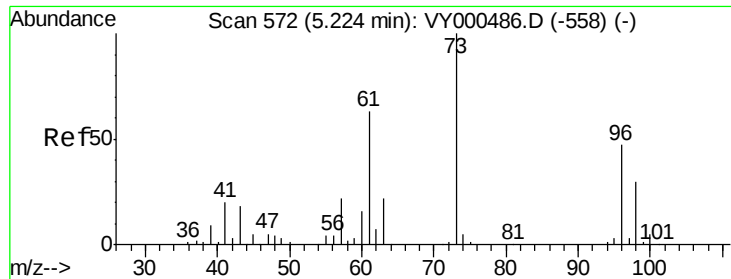
Methylene Chloride
 Concen: 23.580 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 84 Resp: 61310
 Ion Ratio Lower Upper
 84 100
 49 126.2 100.2 150.4
 51 37.4 29.6 44.4
 86 63.6 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0

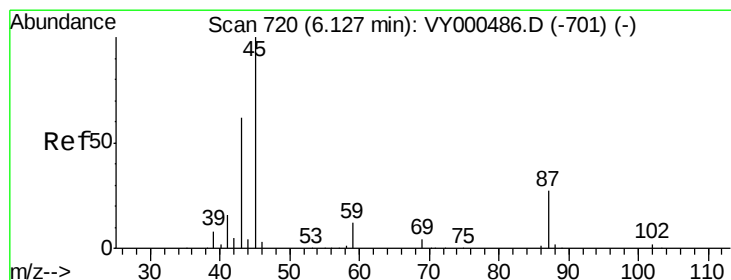
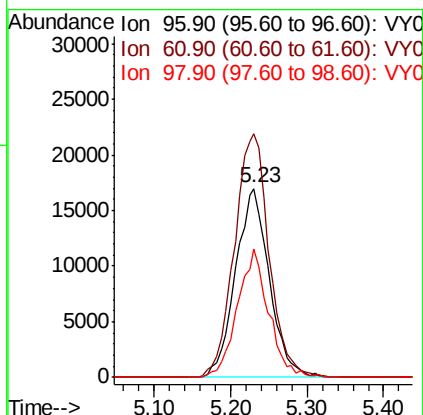
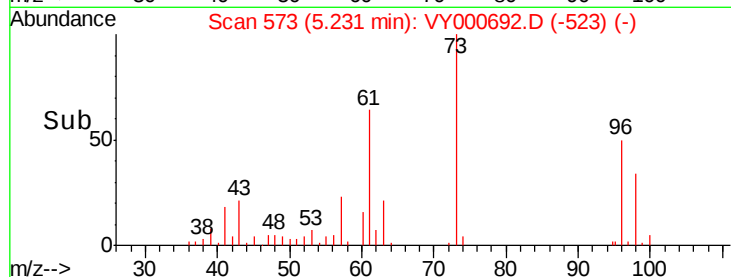
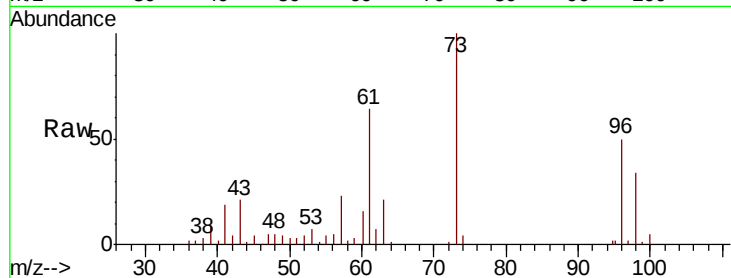




#21
trans-1,2-Dichloroethene
Concen: 21.628 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

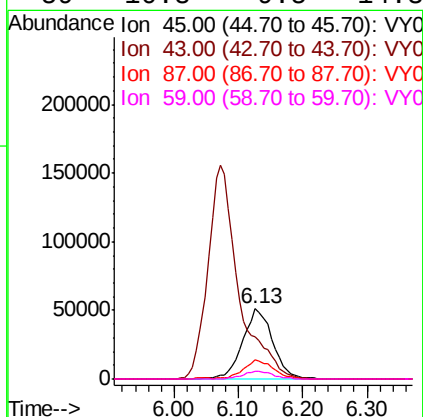
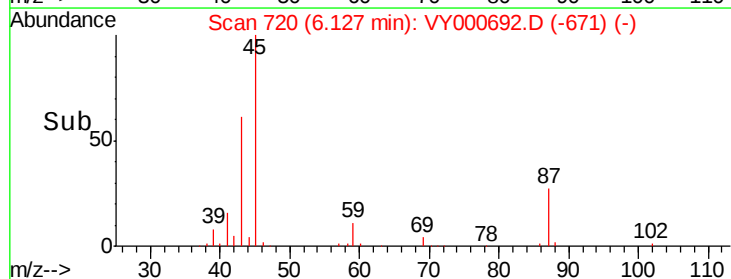
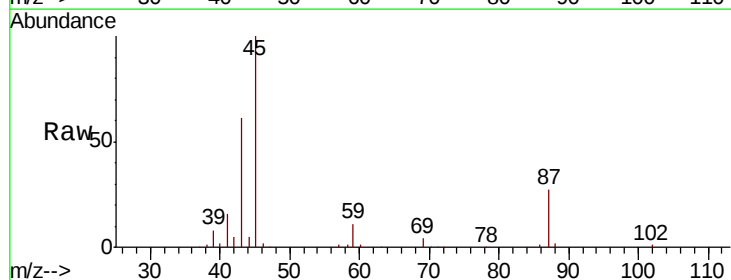
Instrument :
MSVOA_Y
ClientSampleId :

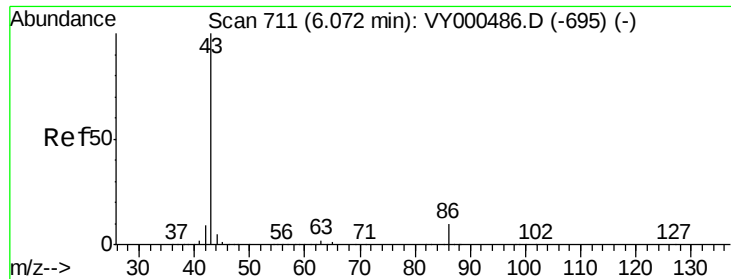
Tot Ion: 96 Resp: 51960
Ion Ratio Lower Upper
96 100
61 129.0 106.6 160.0
98 68.3 50.6 76.0



#22
Diisopropyl ether
Concen: 21.829 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 45 Resp: 163951
Ion Ratio Lower Upper
45 100
43 60.1 50.0 75.0
87 26.7 21.6 32.4
59 10.8 9.5 14.3





#23

Vinyl Acetate

Concen: 109.352 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

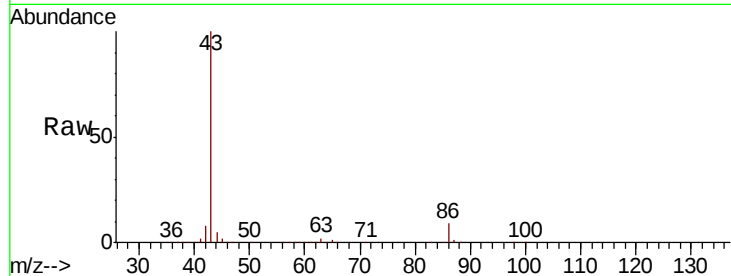
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 518457

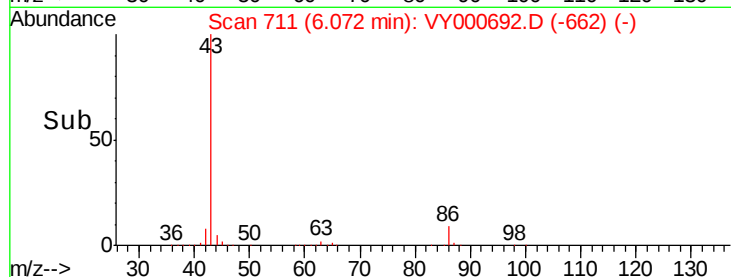
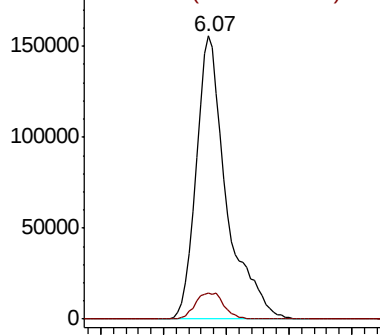
Ion Ratio Lower Upper

43 100

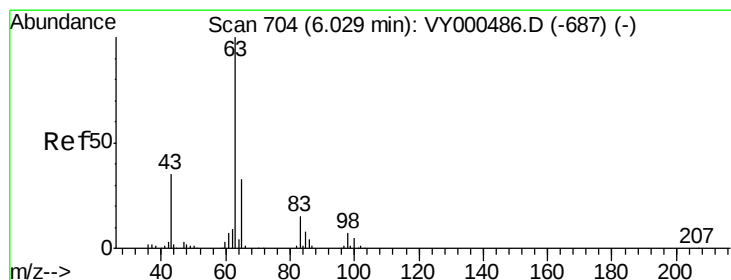
86 9.4 7.8 11.6



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



Time-->



#24

1,1-Dichloroethane

Concen: 21.375 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

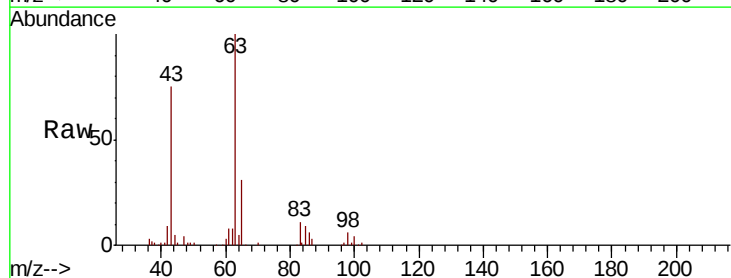
Tgt Ion: 63 Resp: 86971

Ion Ratio Lower Upper

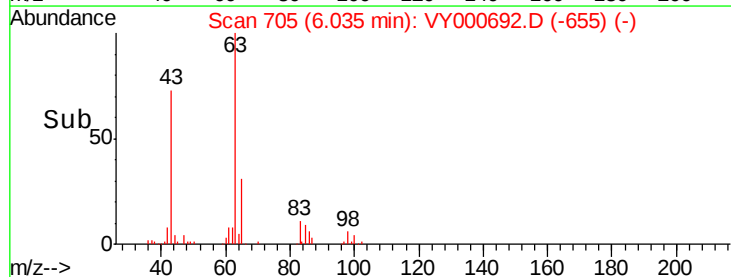
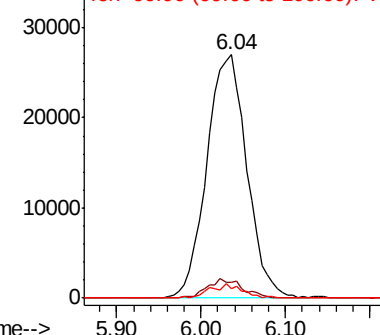
63 100

98 6.2 3.5 10.6

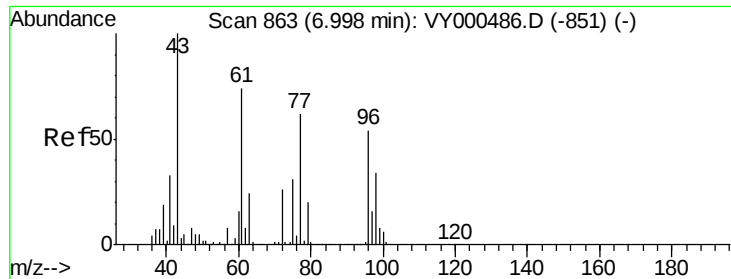
100 4.1 2.4 7.1



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



Time-->



#25

2-Butanone

Concen: 100.409 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

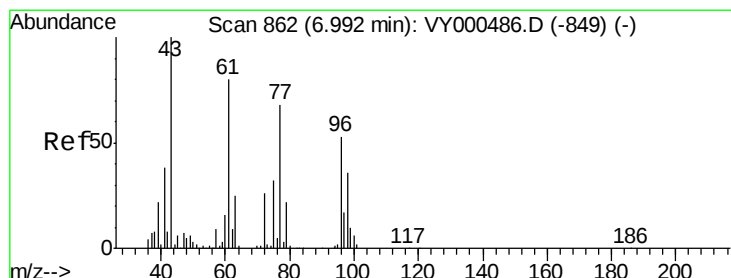
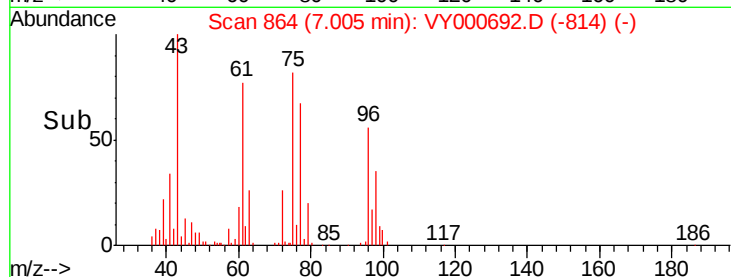
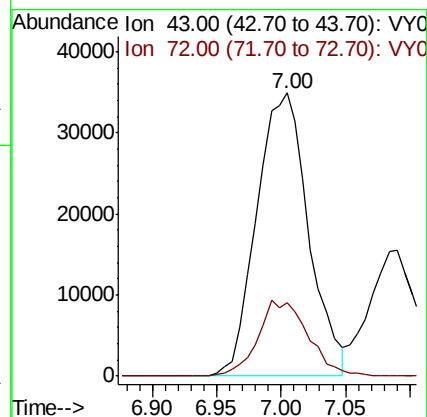
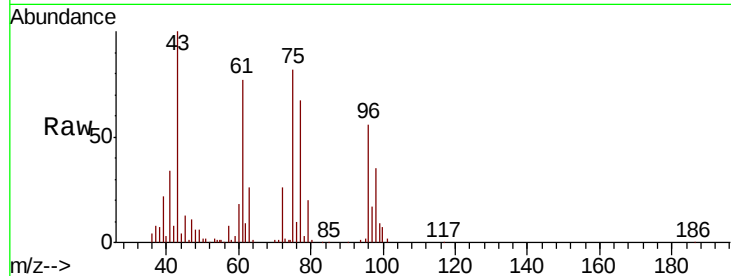
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 97237

Ion Ratio Lower Upper

43 100

72 26.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.917 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000692.D

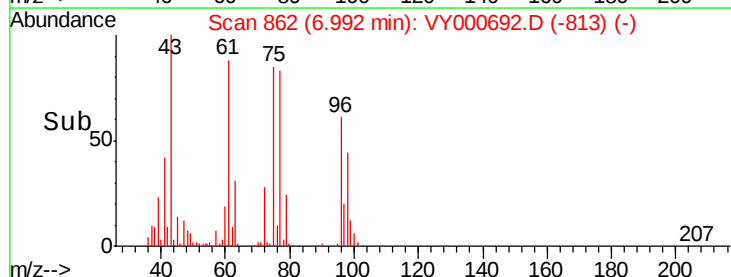
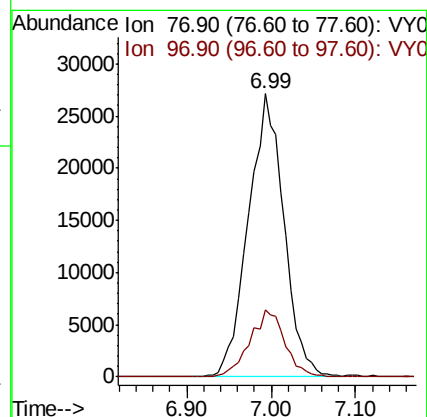
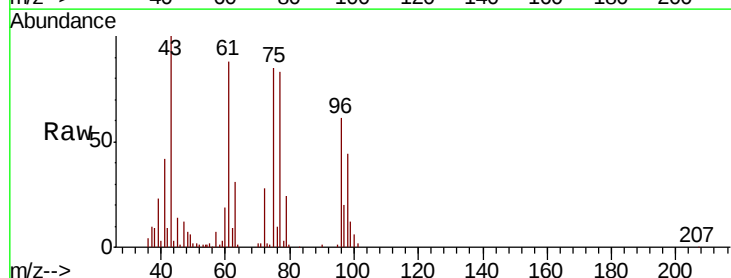
Acq: 15 Nov 2019 11:54

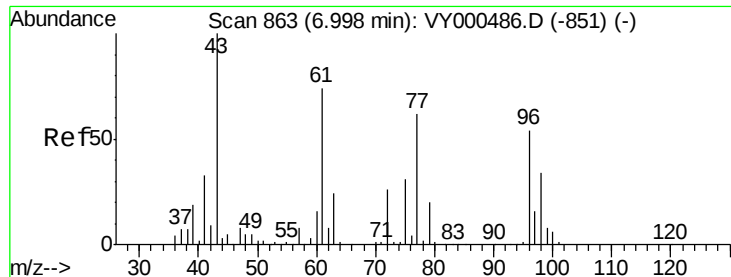
Tgt Ion: 77 Resp: 77777

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4



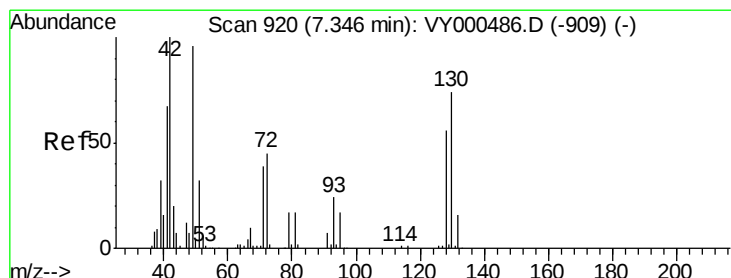
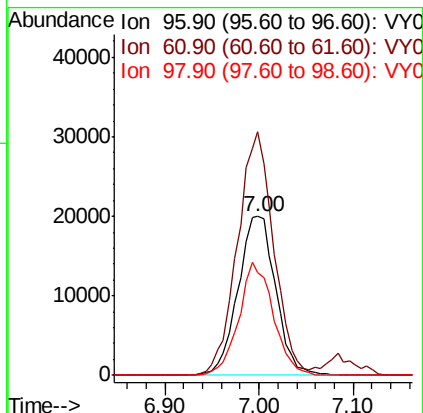
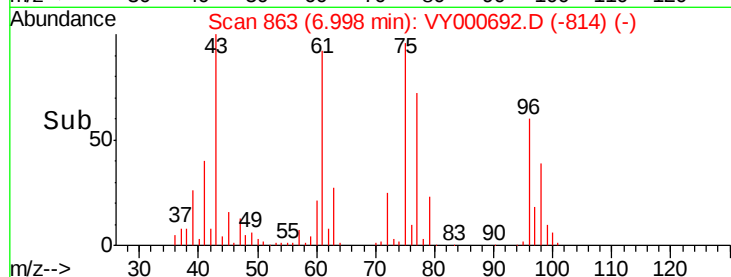
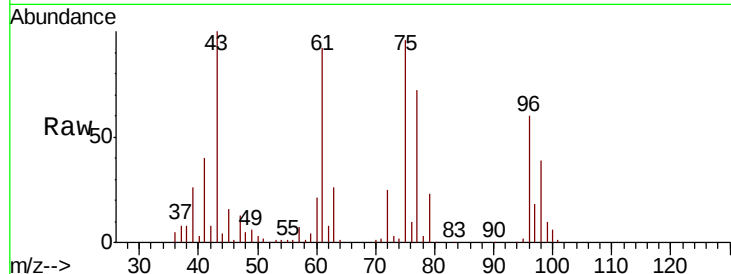


#27

cis-1,2-Dichloroethene
Concen: 21.250 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :

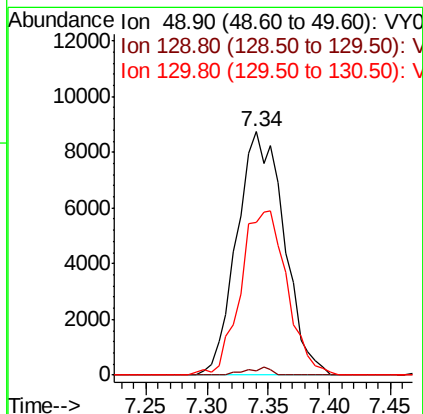
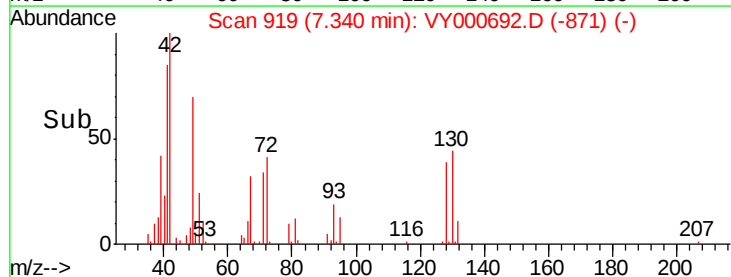
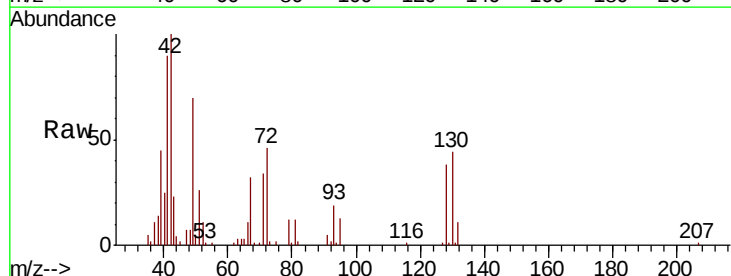
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	287.0
98	65.4	0.0	129.4

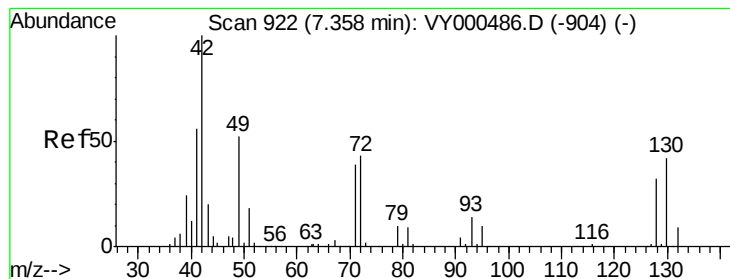


#28

Bromochloromethane
Concen: 15.692 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	66.1	59.4	89.0





#29

Tetrahydrofuran

Concen: 107.557 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

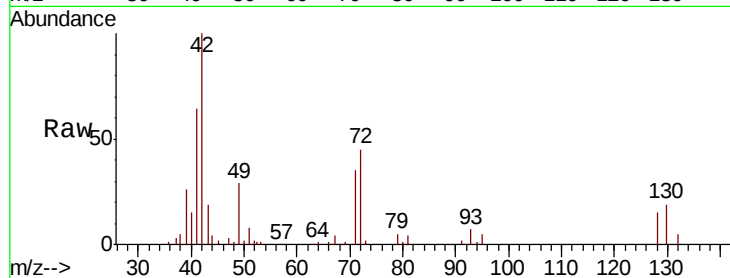
Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 63721

Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.0	51.0
71	37.8	30.8	46.2

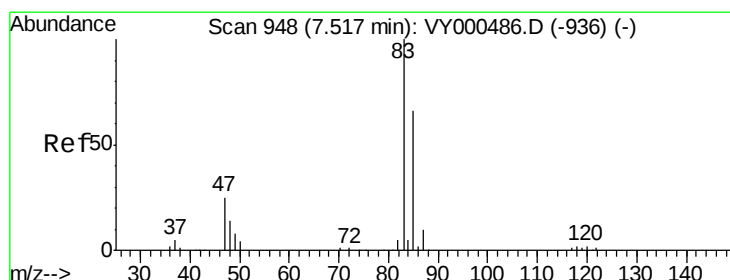
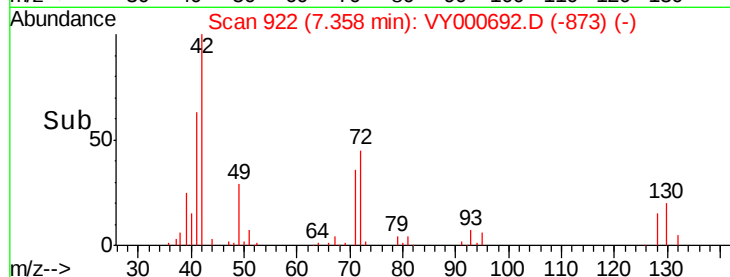
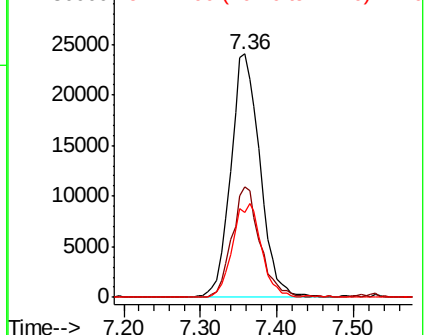


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.668 ug/l

RT: 7.52 min Scan# 948

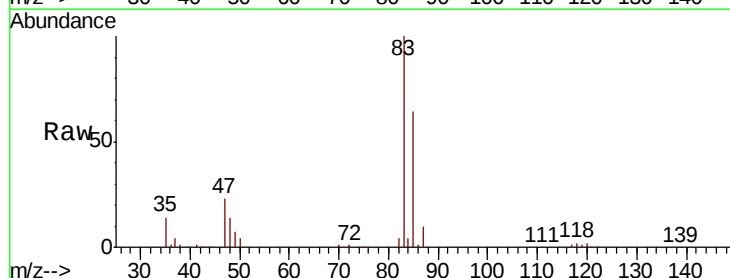
Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Tgt Ion: 83 Resp: 93304

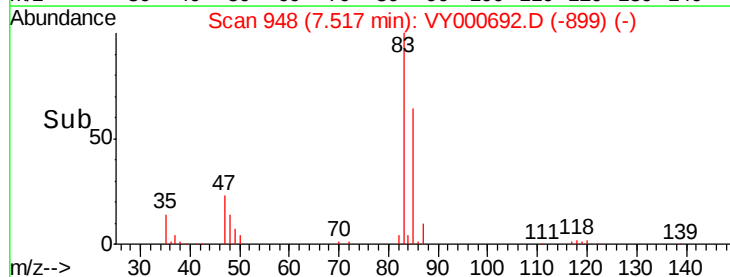
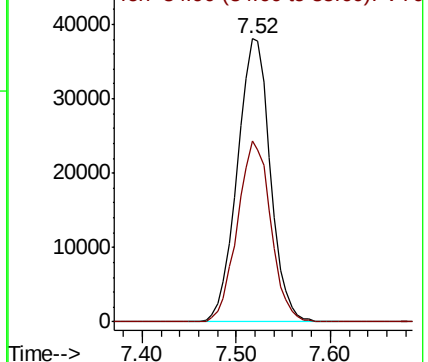
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.4

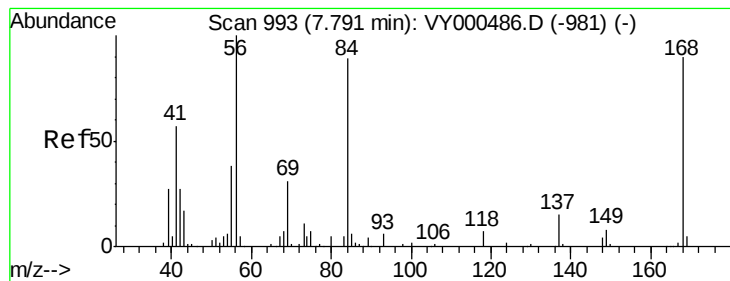


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.064 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampled :

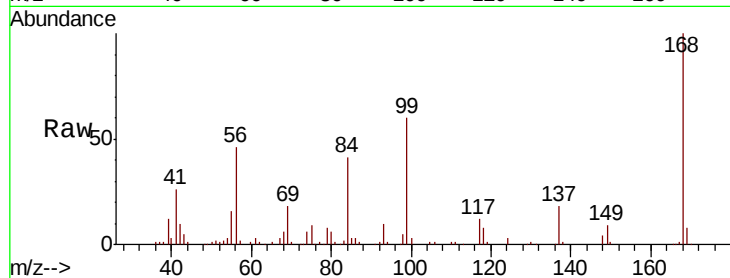
Tot Ion: 56 Resp: 89768

Ion Ratio Lower Upper

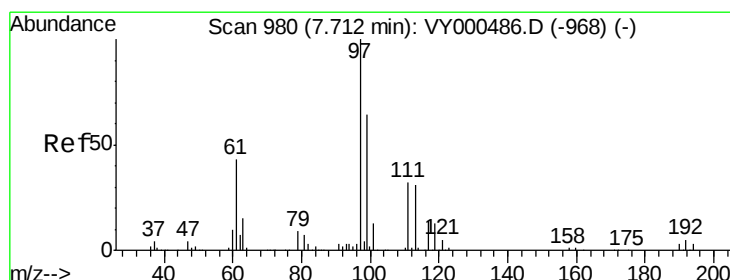
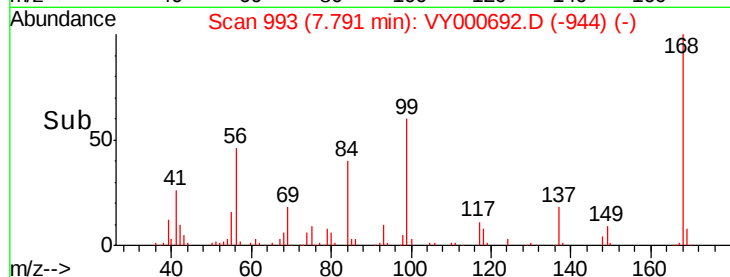
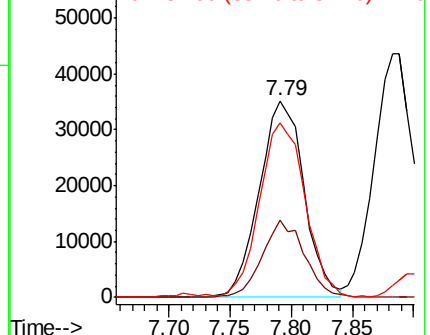
56 100

69 39.2 25.0 37.6#

84 87.3 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: 21.476 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

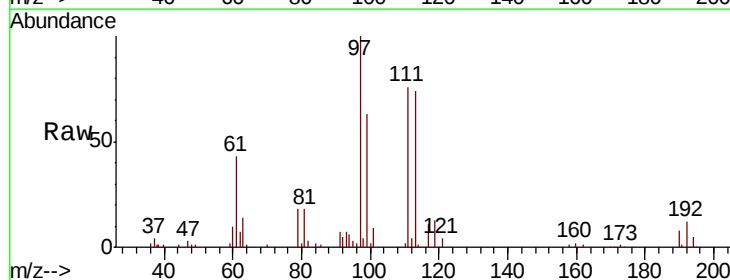
Tgt Ion: 97 Resp: 78784

Ion Ratio Lower Upper

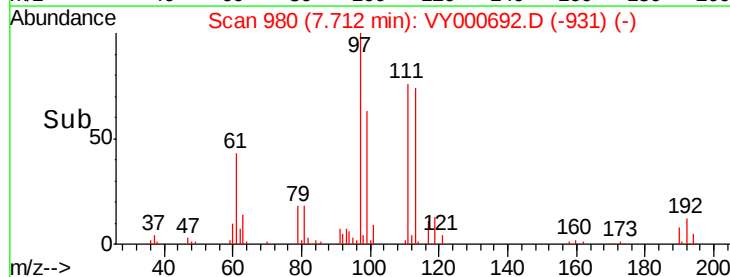
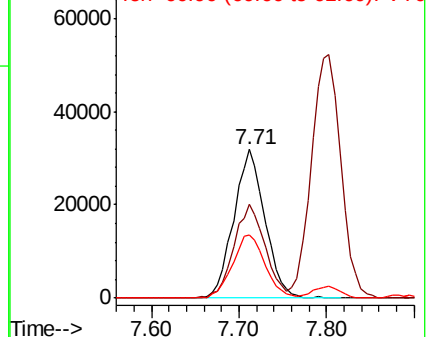
97 100

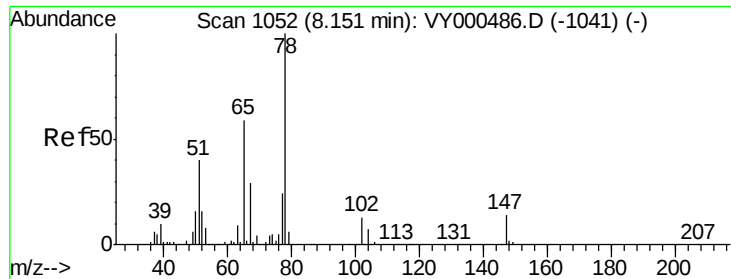
99 63.2 50.9 76.3

61 44.4 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

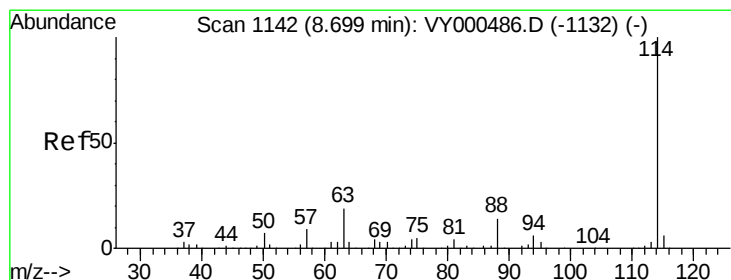
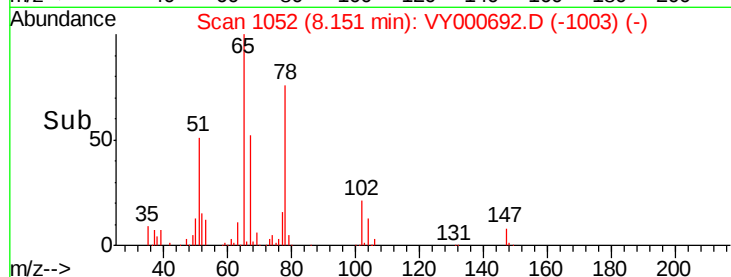
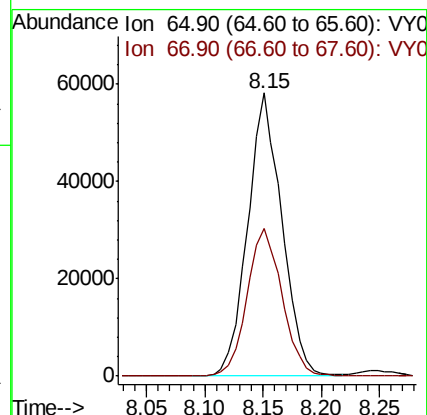
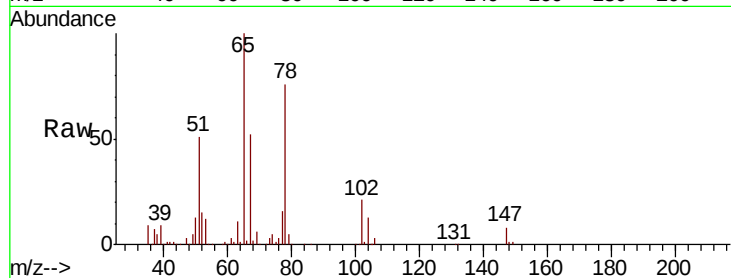




#33
 1,2-Dichloroethane-d4
 Concen: 54.144 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

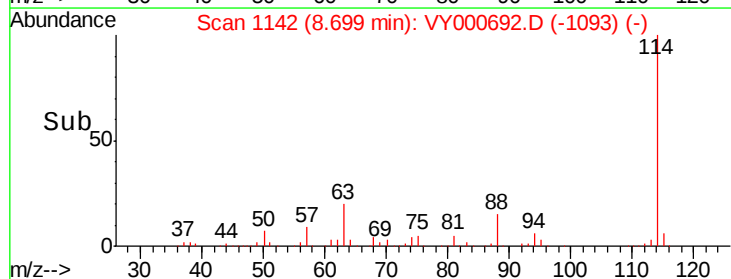
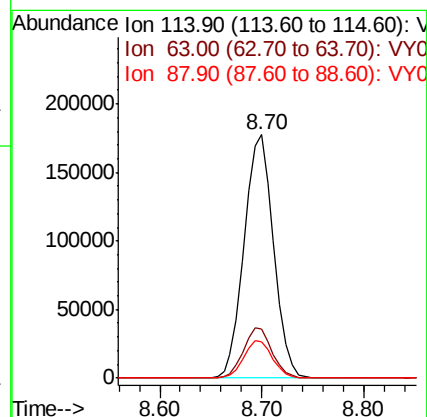
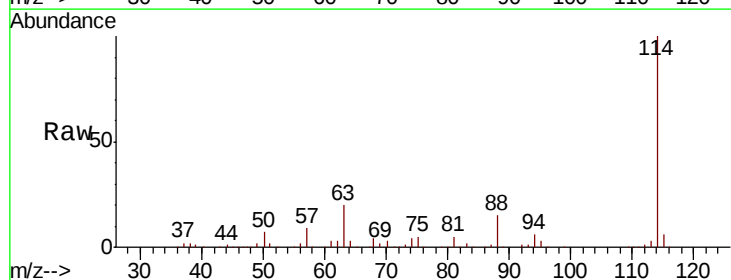
Instrument :
 MSVOA_Y
 ClientSampleId :

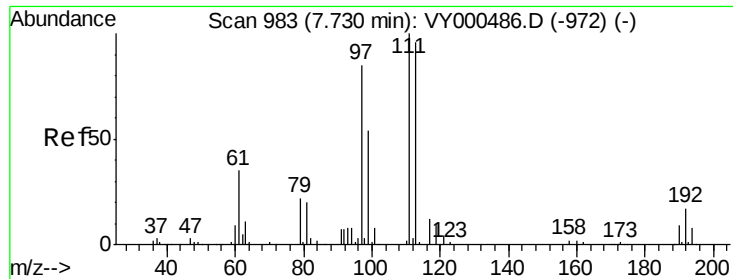
Tot Ion: 65 Resp: 119206
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 114 Resp: 354576
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.0 0.0 28.6

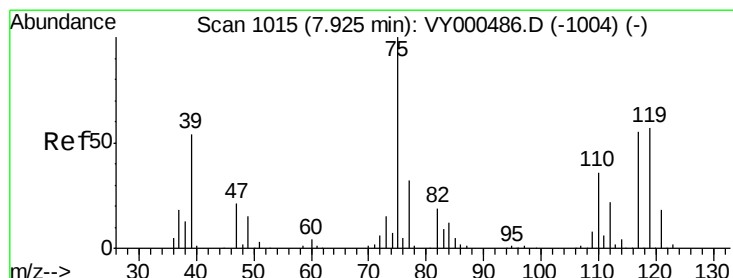
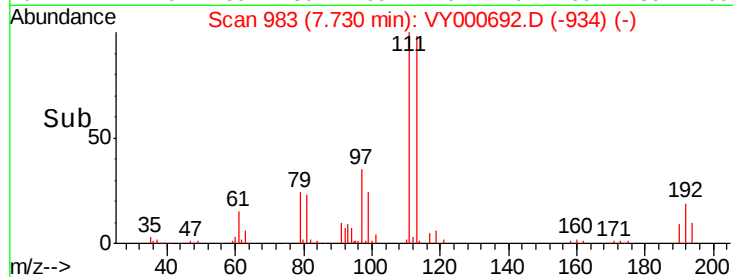
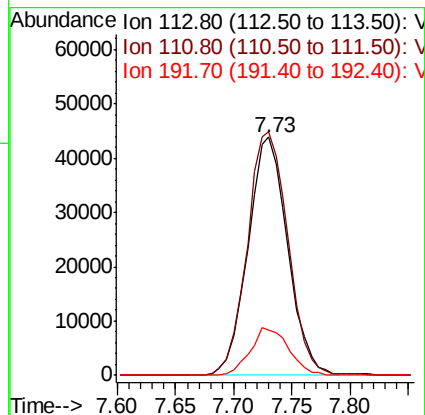
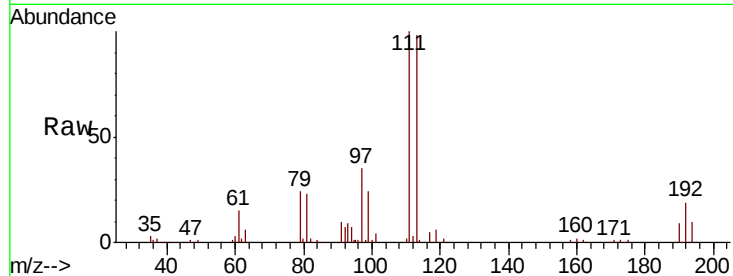




#35
 Dibromofluoromethane
 Concen: 50.086 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

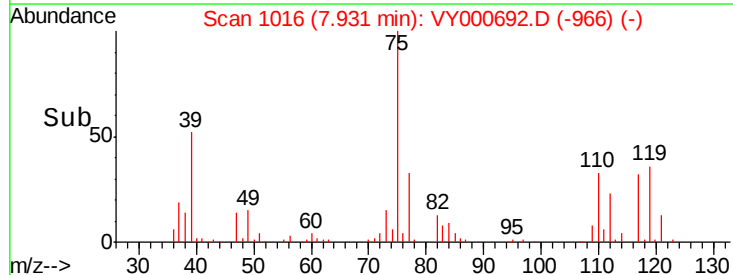
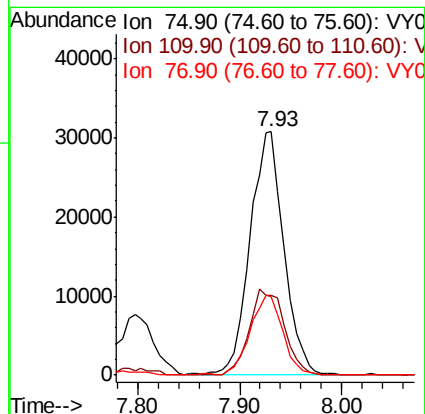
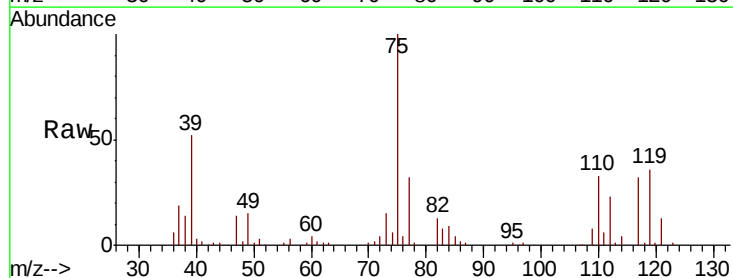
Instrument :
 MSVOA_Y
 ClientSampled :

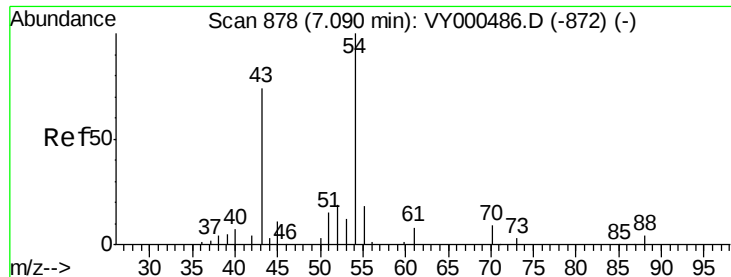
Tot Ion:113 Resp: 104258
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.7 122.5
 192 19.4 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 21.252 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 75 Resp: 71236
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.1
 77 31.7 25.0 37.6

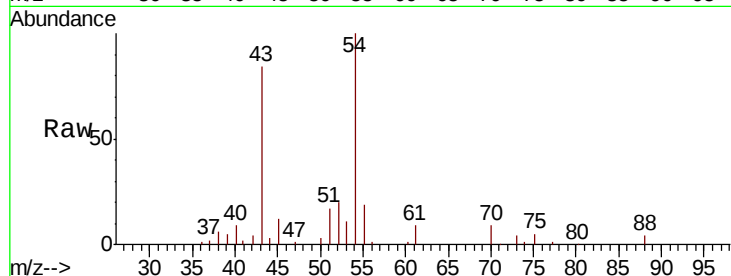




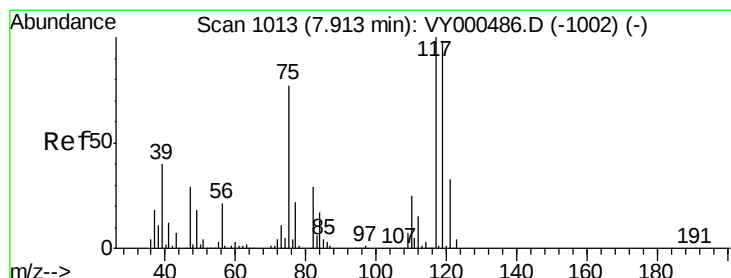
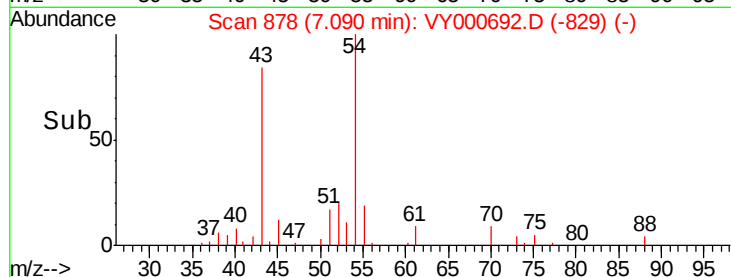
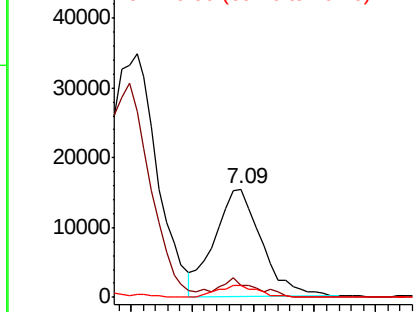
#37
Ethyl Acetate
Concen: 20.504 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 40805
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 9.9 7.8 11.8

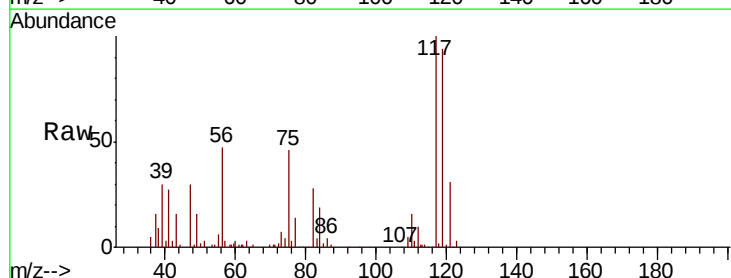


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

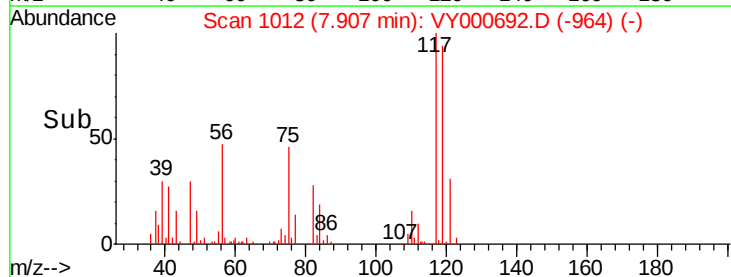
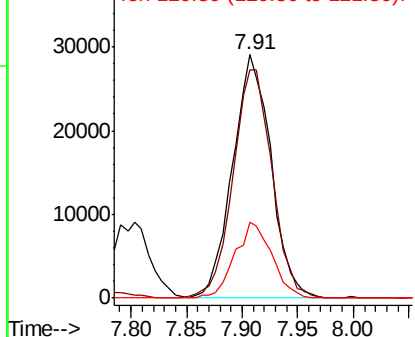


#38
Carbon Tetrachloride
Concen: 21.601 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 117 Resp: 69670
Ion Ratio Lower Upper
117 100
119 93.7 78.0 117.0
121 30.9 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

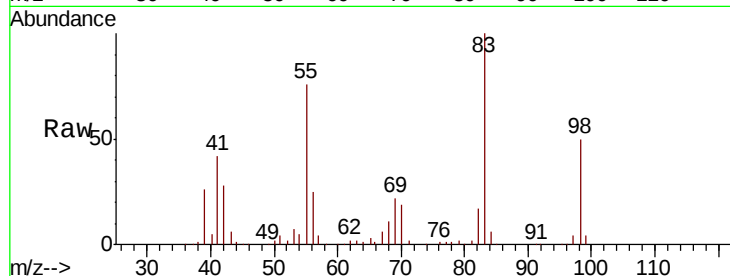




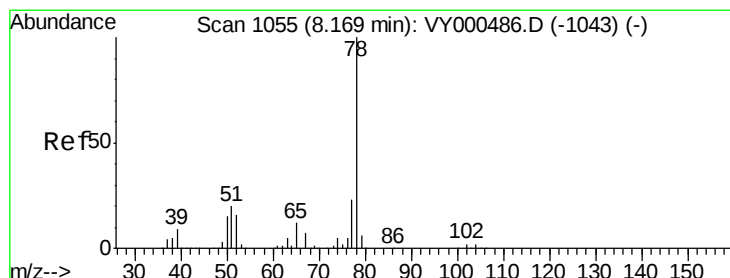
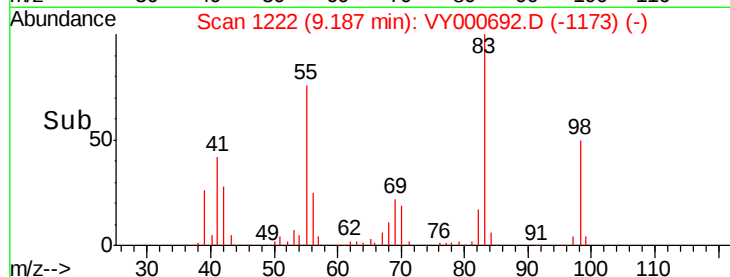
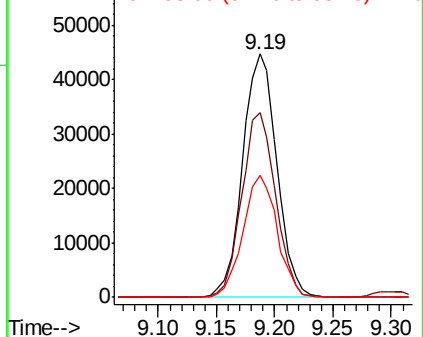
#39
Methvlcvclohexane
Concen: 21.145 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 91571
Ion Ratio Lower Upper
83 100
55 76.1 57.5 86.3
98 49.9 38.0 57.0

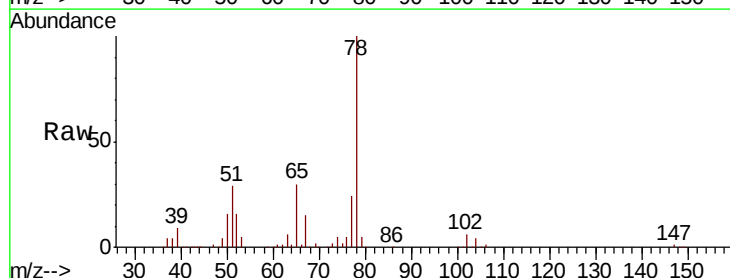


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

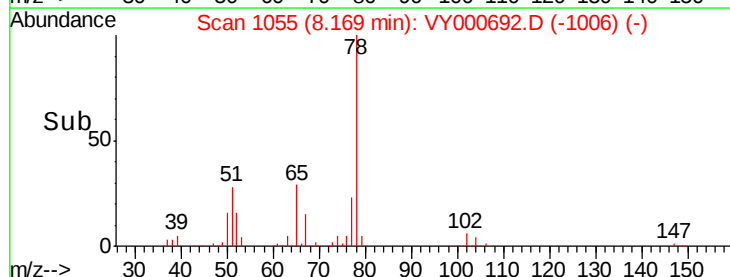
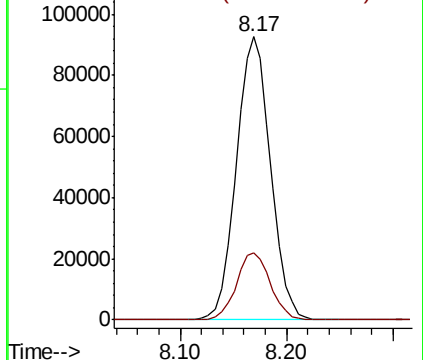


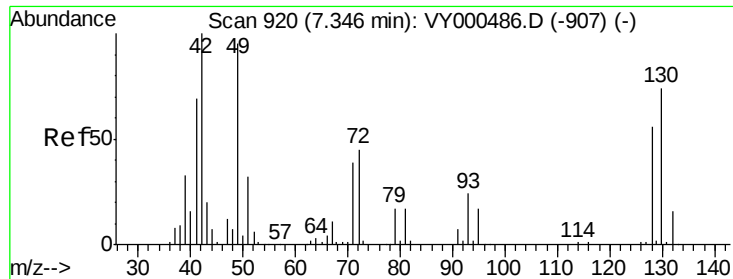
#40
Benzene
Concen: 21.173 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 78 Resp: 208069
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



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

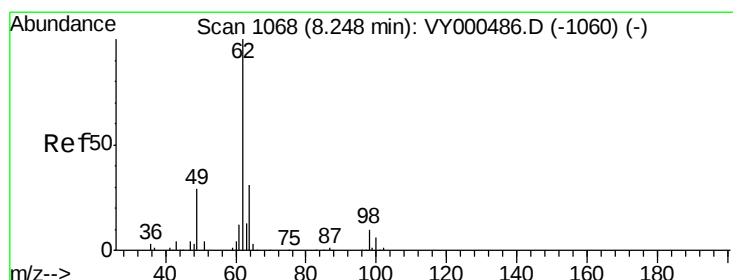
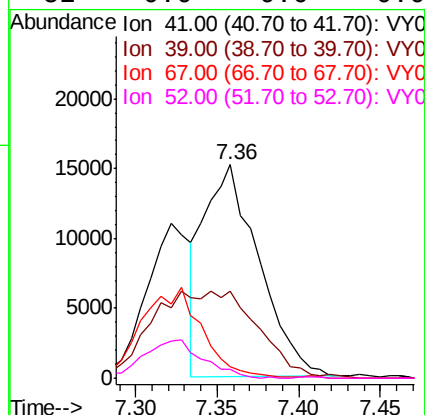
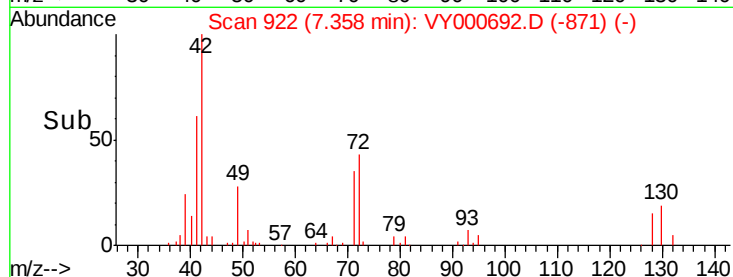
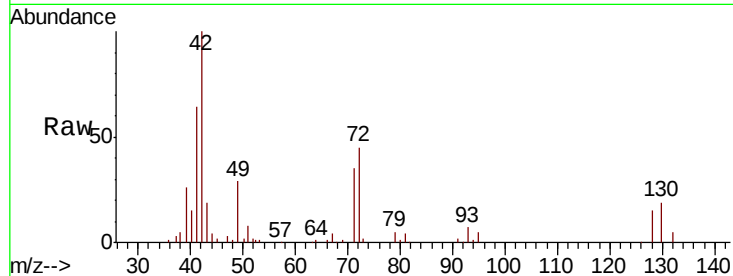




#41
Methacrylonitrile
Concen: 32.031 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

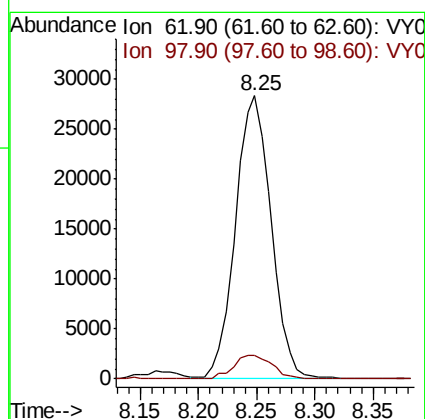
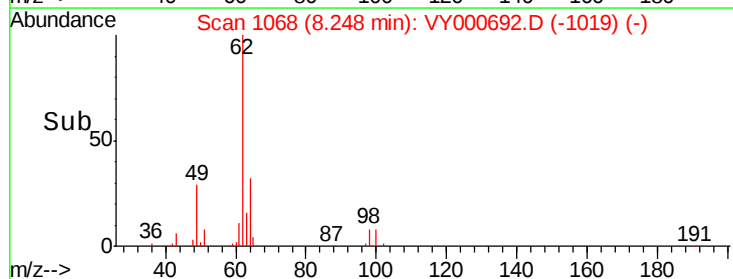
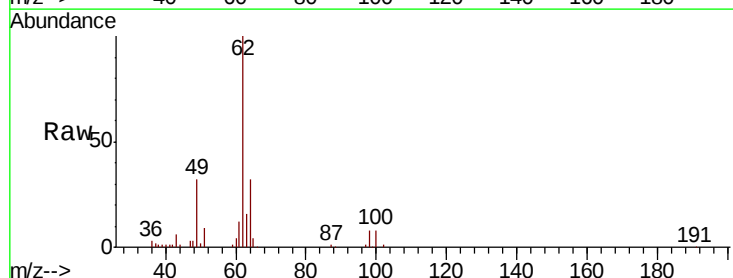
Instrument :
MSVOA_Y
ClientSampleId :

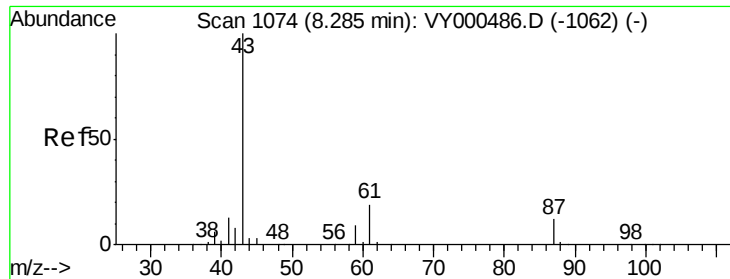
Tot Ion: 41 Resp: 35561
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.794 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 62 Resp: 60747
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.575 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

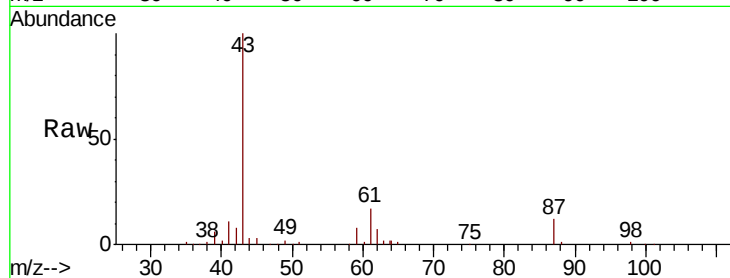
Tot Ion: 43 Resp: 80656

Ion Ratio Lower Upper

43 100

61 27.1 23.0 34.4

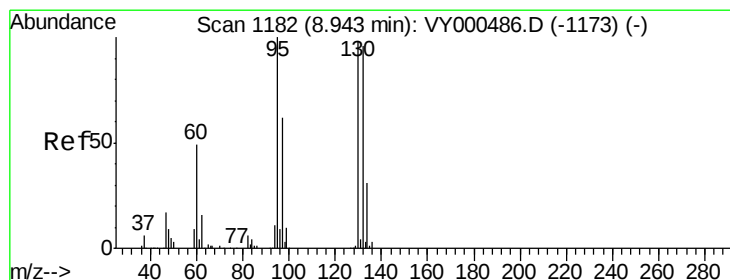
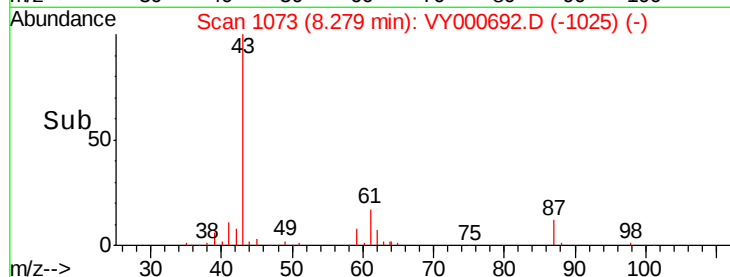
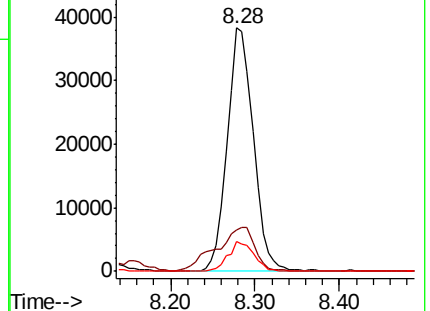
87 11.9 10.5 15.7



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

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

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



#44

Trichloroethene

Concen: 21.862 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000692.D

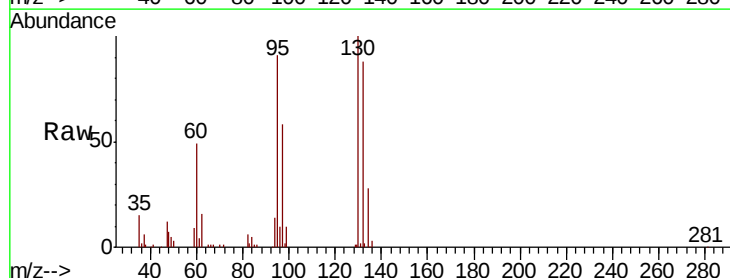
Acq: 15 Nov 2019 11:54

Tgt Ion:130 Resp: 56646

Ion Ratio Lower Upper

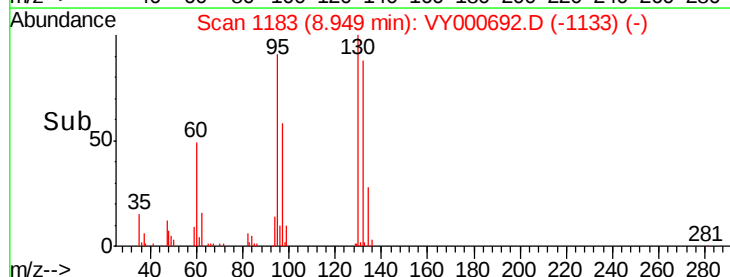
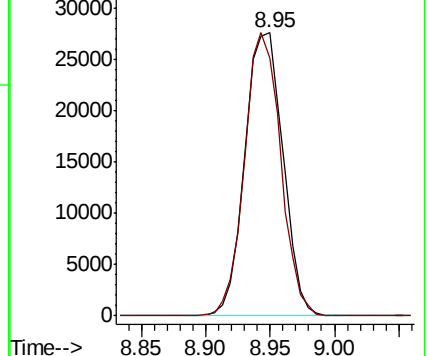
130 100

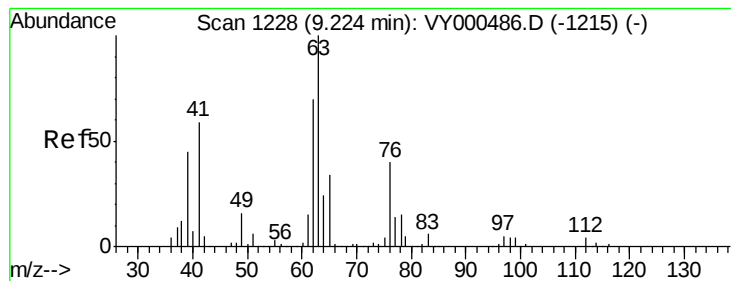
95 91.1 0.0 203.2



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

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





#45

1,2-Dichloropropane

Concen: 21.583 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

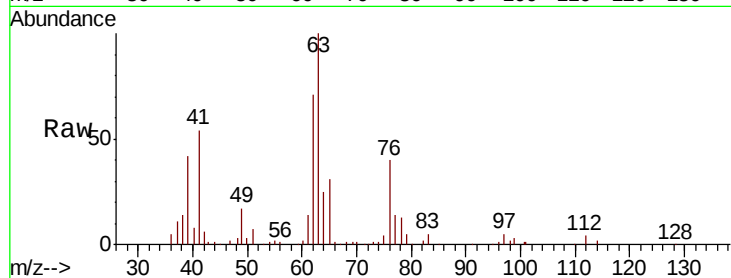
ClientSampled :

Tot Ion: 63 Resp: 52203

Ion Ratio Lower Upper

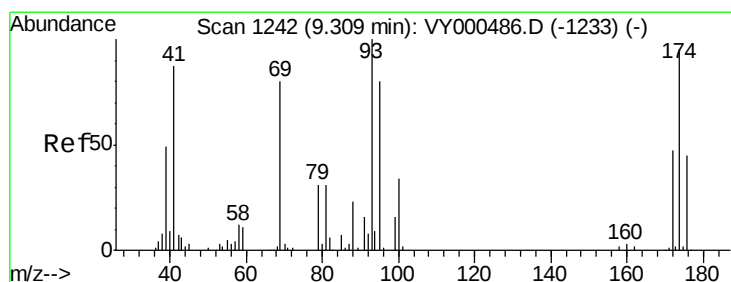
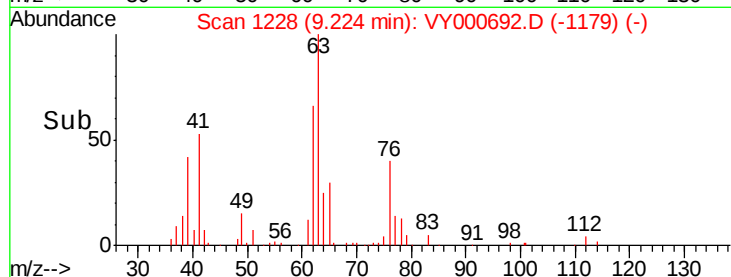
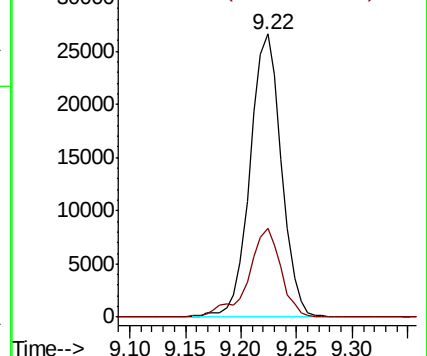
63 100

65 31.2 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.704 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

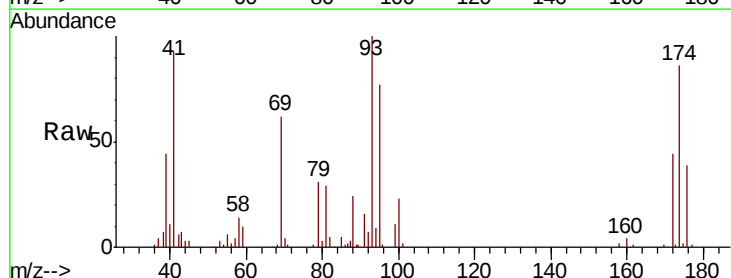
Tgt Ion: 93 Resp: 28870

Ion Ratio Lower Upper

93 100

95 82.6 66.4 99.6

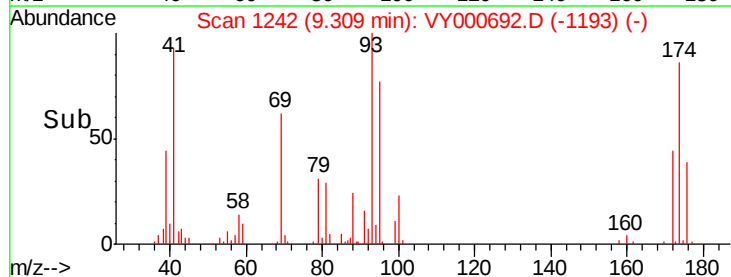
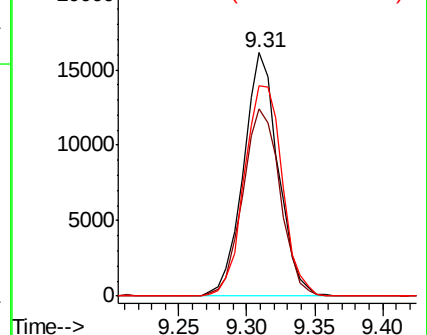
174 94.7 77.1 115.7

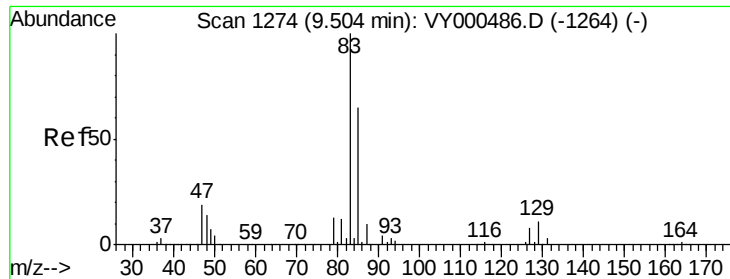


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 21.545 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

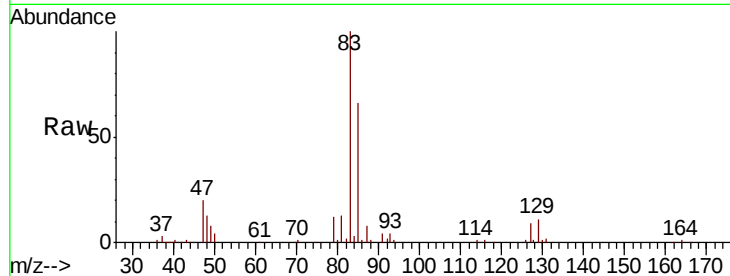
Tot Ion: 83 Resp: 68000

Ion Ratio Lower Upper

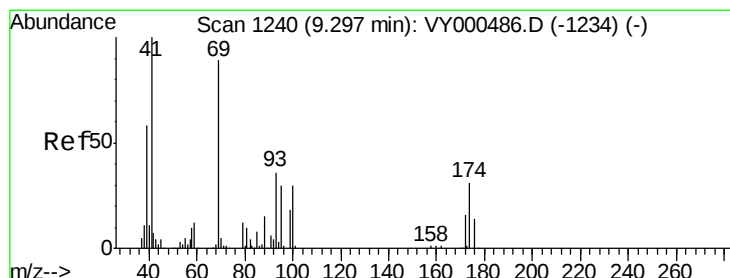
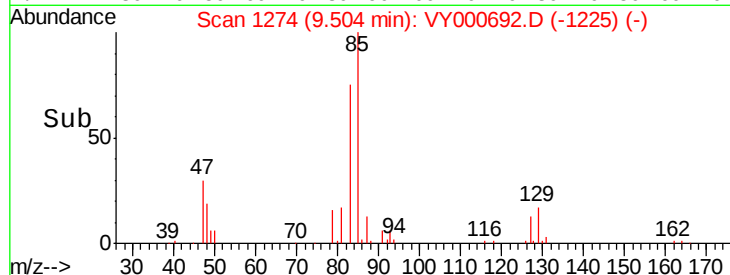
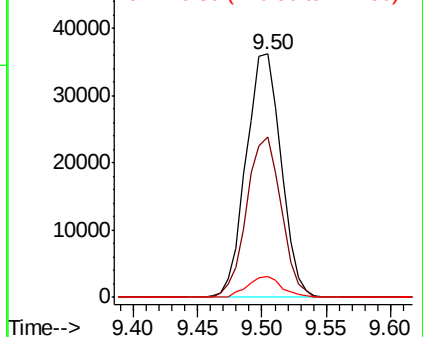
83 100

85 66.0 51.8 77.8

127 8.8 6.7 10.1



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



#48

Methyl methacrylate

Concen: 22.162 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

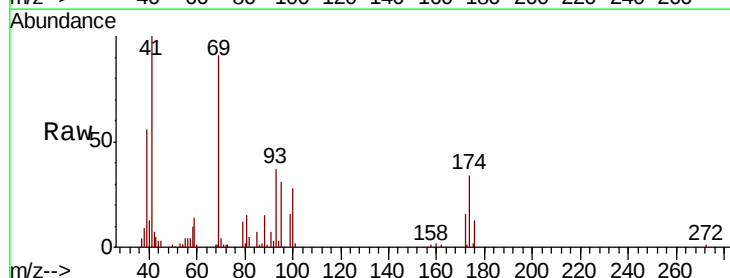
Tgt Ion: 41 Resp: 36200

Ion Ratio Lower Upper

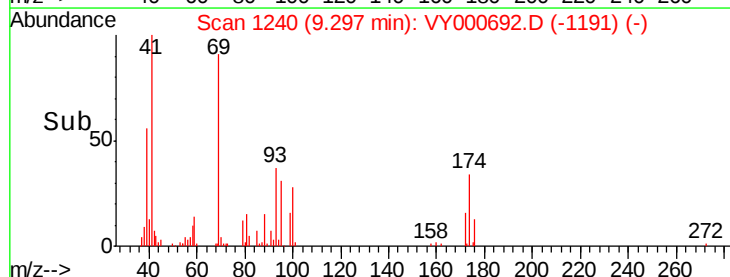
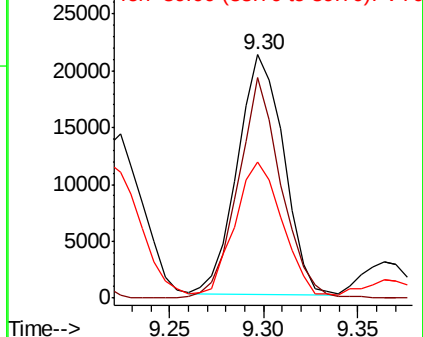
41 100

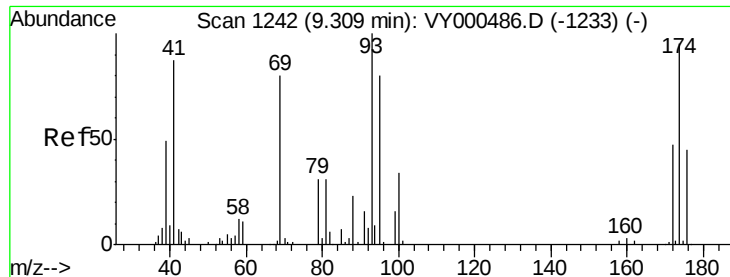
69 84.9 72.5 108.7

39 59.1 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

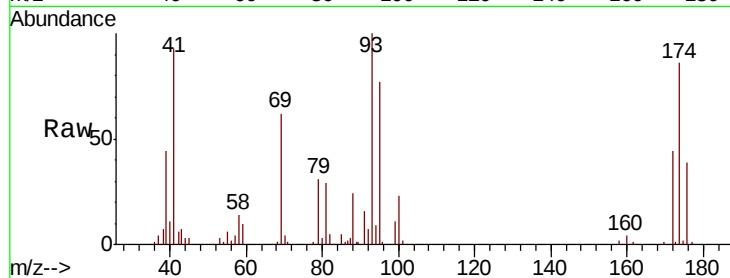




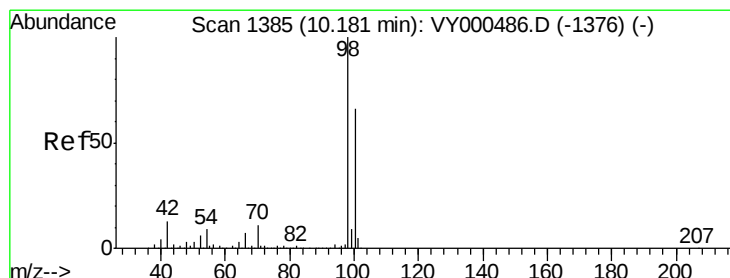
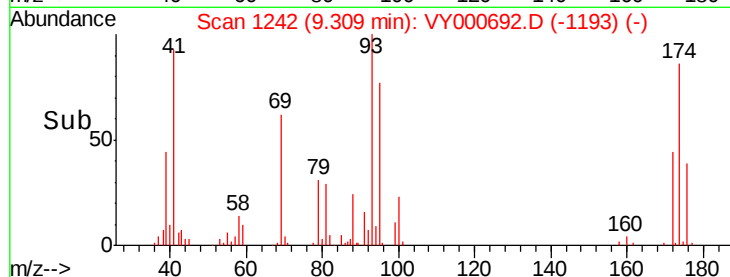
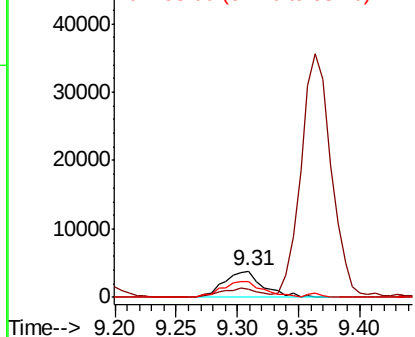
#49
 1,4-Dioxane
 Concen: 477.092 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 8541
 Ion Ratio Lower Upper
 88 100
 43 32.7 25.1 37.7
 58 64.5 50.6 75.8

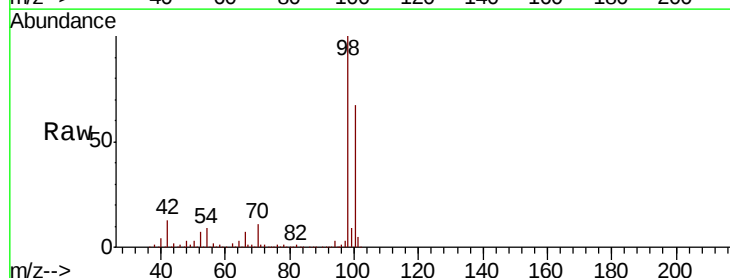


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

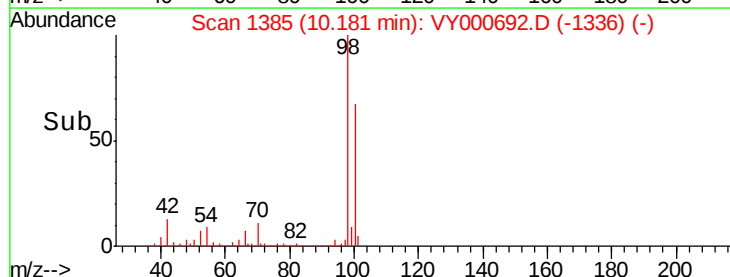
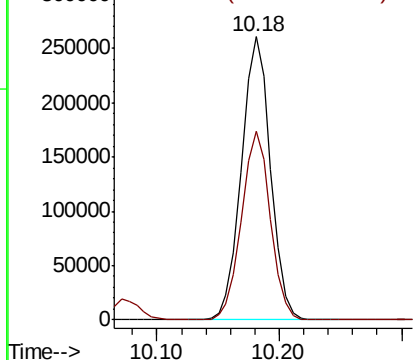


#50
 Toluene-d8
 Concen: 54.214 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 98 Resp: 428210
 Ion Ratio Lower Upper
 98 100
 100 66.3 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: 108.331 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

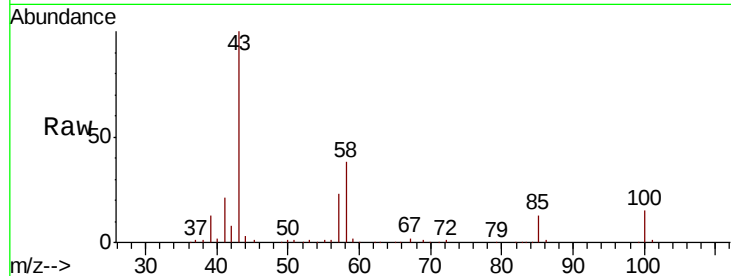
ClientSampled :

Tot Ion: 43 Resp: 215319

Ion Ratio Lower Upper

43 100

58 36.4 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.07

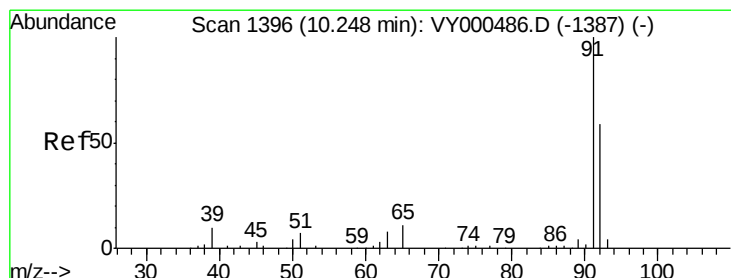
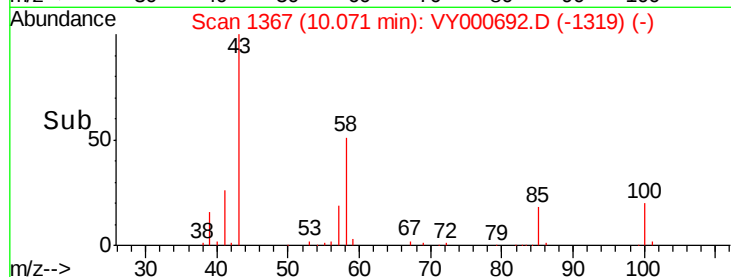
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.619 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000692.D

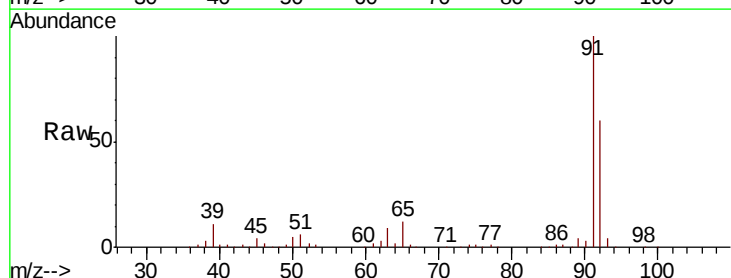
Acq: 15 Nov 2019 11:54

Tgt Ion: 92 Resp: 134322

Ion Ratio Lower Upper

92 100

91 166.7 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.24

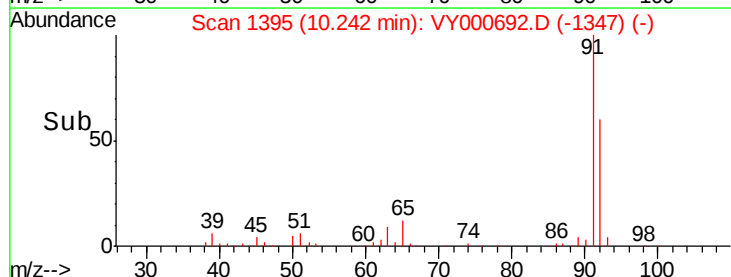
150000

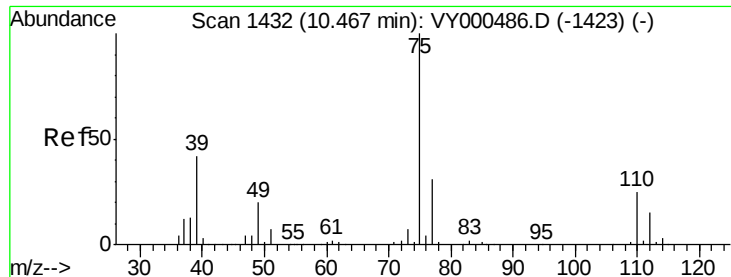
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.235 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

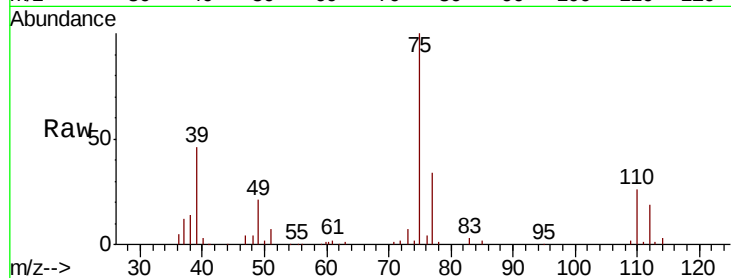
ClientSampled :

Tot Ion: 75 Resp: 71612

Ion Ratio Lower Upper

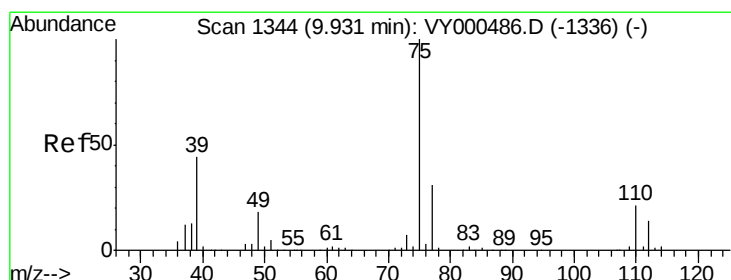
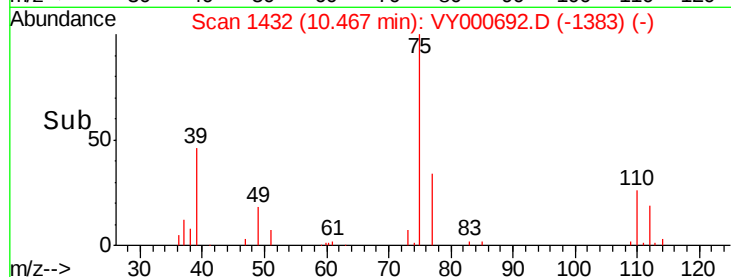
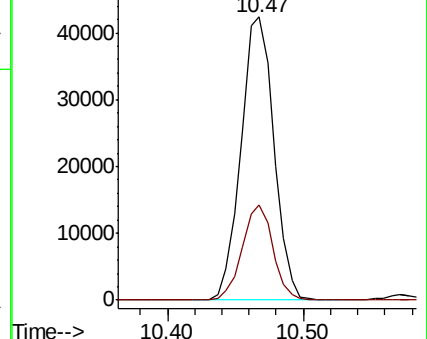
75 100

77 33.8 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: 21.333 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

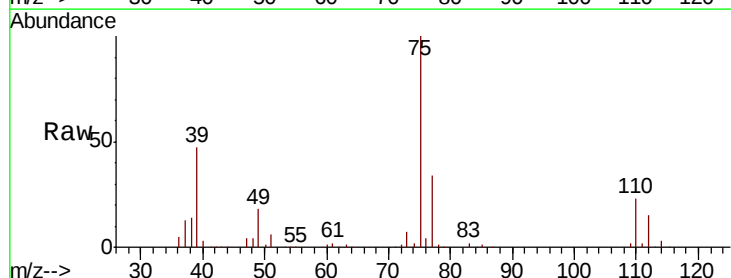
Tgt Ion: 75 Resp: 82420

Ion Ratio Lower Upper

75 100

77 33.6 24.5 36.7

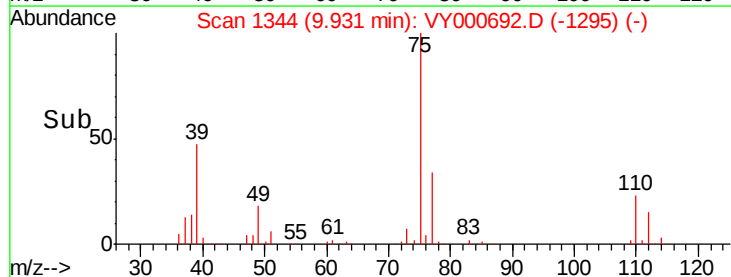
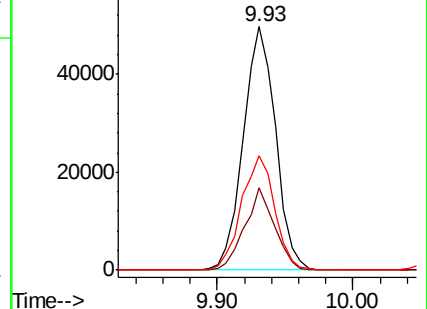
39 46.9 35.4 53.2

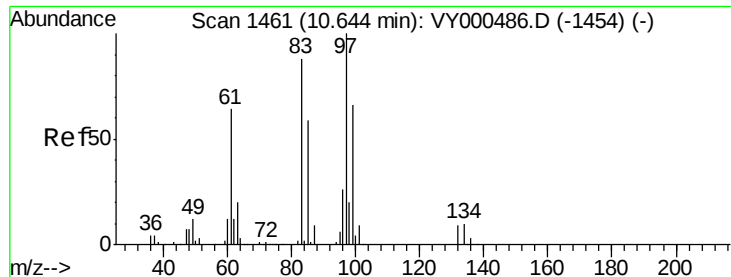


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

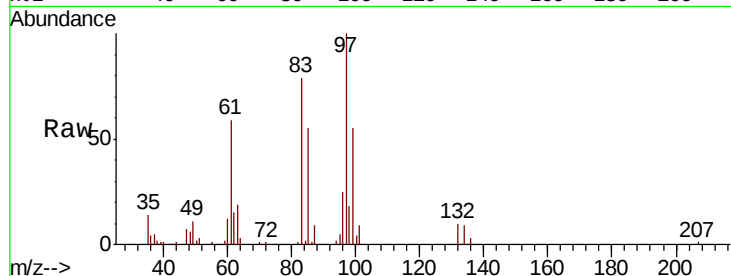




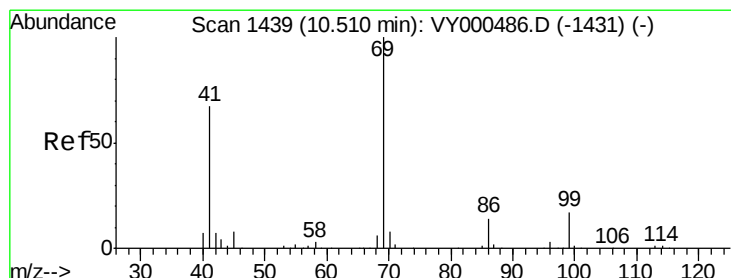
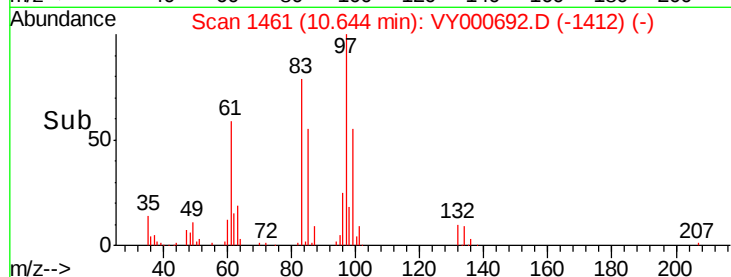
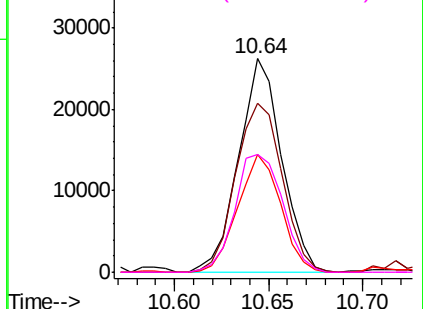
#55
 1,1,2-Trichloroethane
 Concen: 21.671 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 41694
 Ion Ratio Lower Upper
 97 100
 83 79.3 70.2 105.4
 85 55.4 46.9 70.3
 99 55.3 52.6 78.8

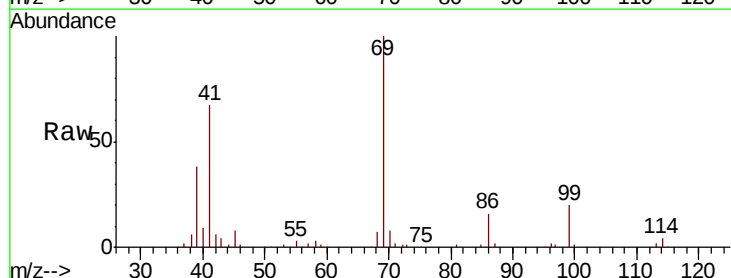


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

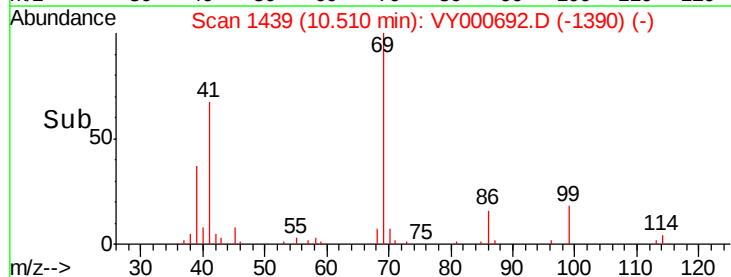
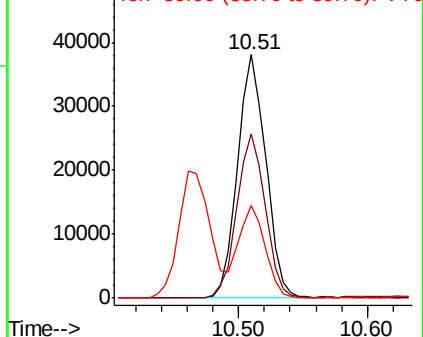


#56
 Ethyl methacrylate
 Concen: 21.281 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 69 Resp: 58030
 Ion Ratio Lower Upper
 69 100
 41 67.9 53.3 79.9
 39 35.0 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: 21.750 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

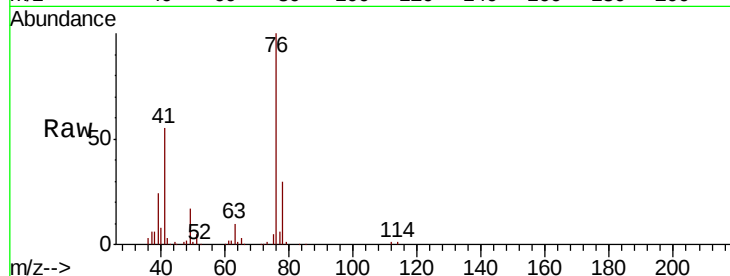
ClientSampleId :

Tot Ion: 76 Resp: 73240

Ion Ratio Lower Upper

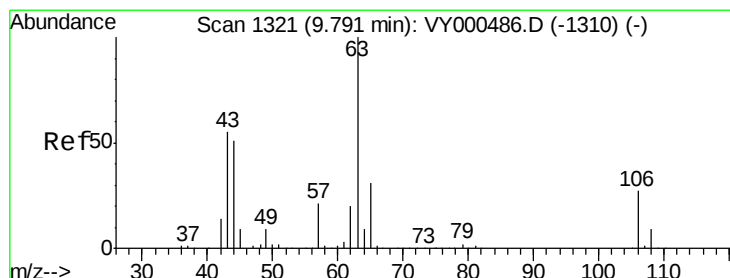
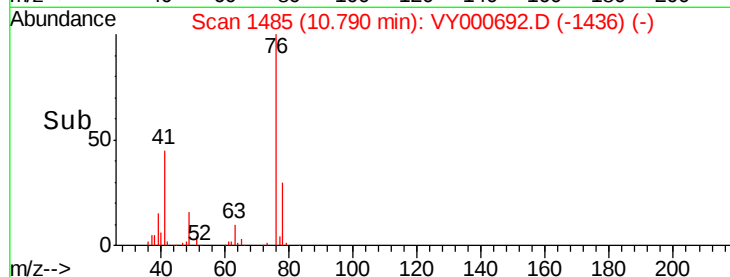
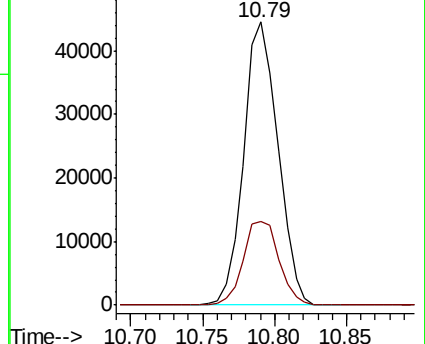
76 100

78 31.0 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 95.620 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000692.D

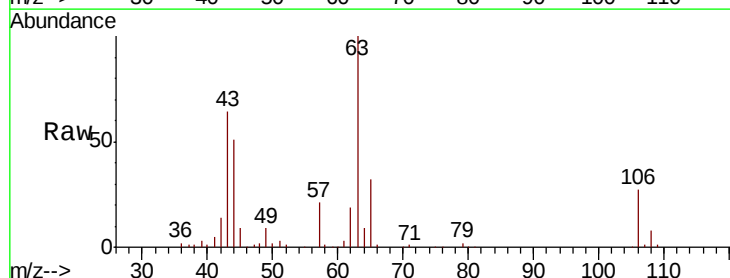
Acq: 15 Nov 2019 11:54

Tgt Ion: 63 Resp: 117879

Ion Ratio Lower Upper

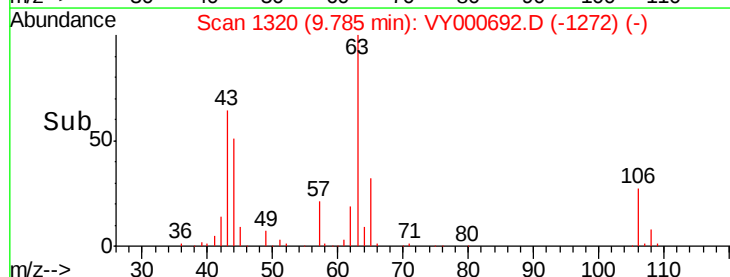
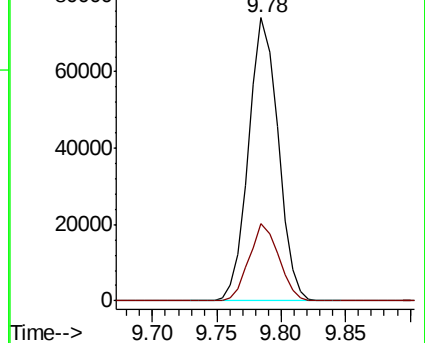
63 100

106 27.2 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

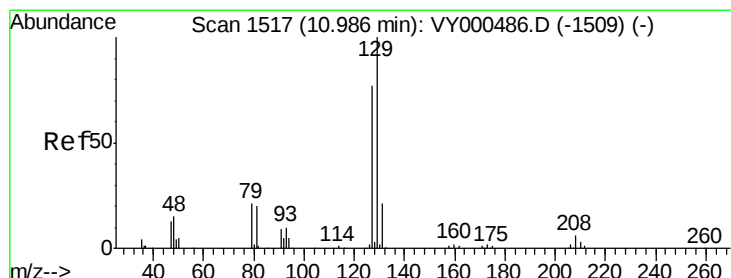
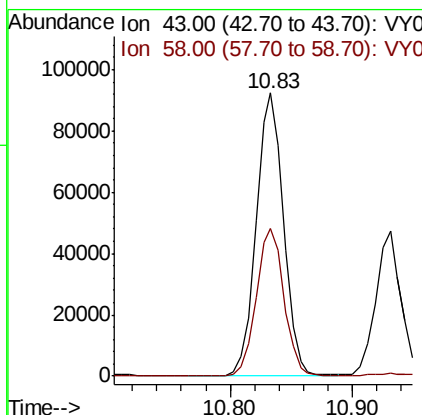
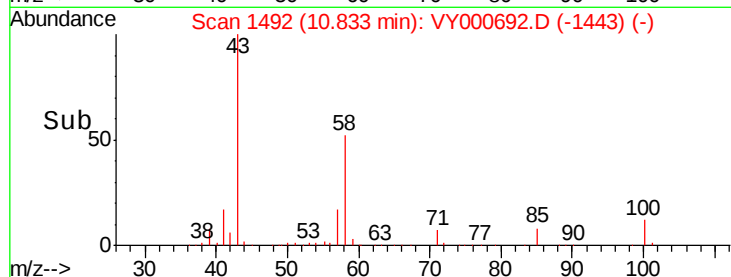
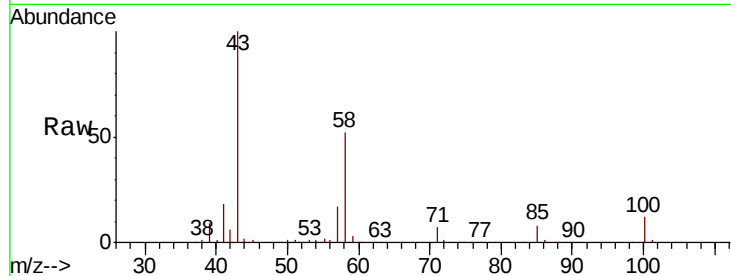




#59
2-Hexanone
Concen: 99.791 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

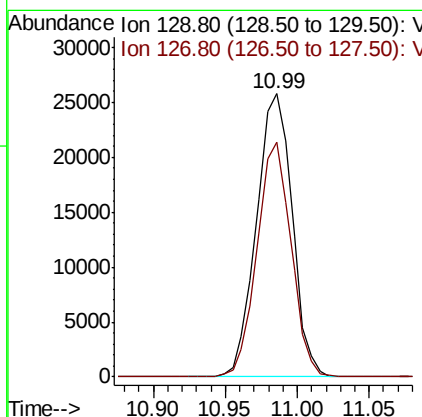
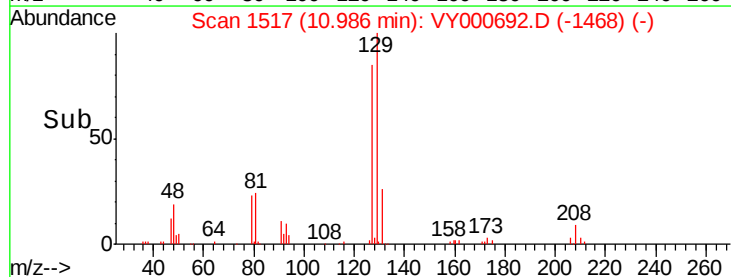
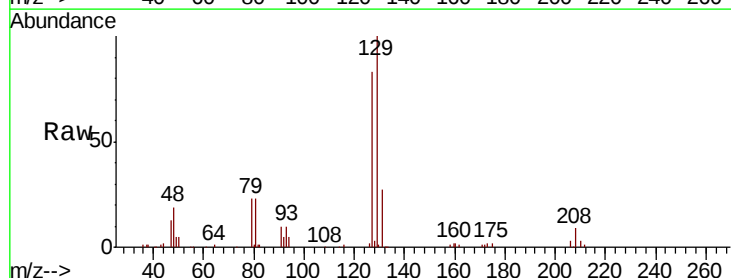
Instrument :
MSVOA_Y
ClientSampled :

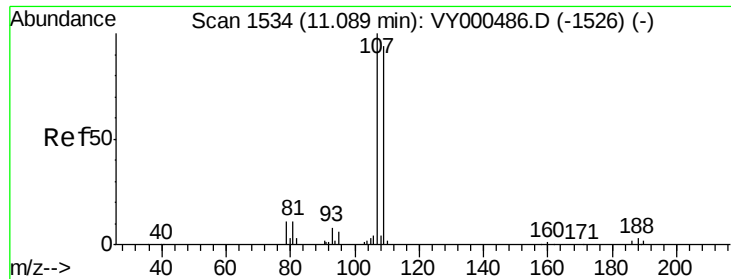
Tot Ion: 43 Resp: 144514
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3



#60
Dibromochloromethane
Concen: 20.101 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 129 Resp: 44298
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2

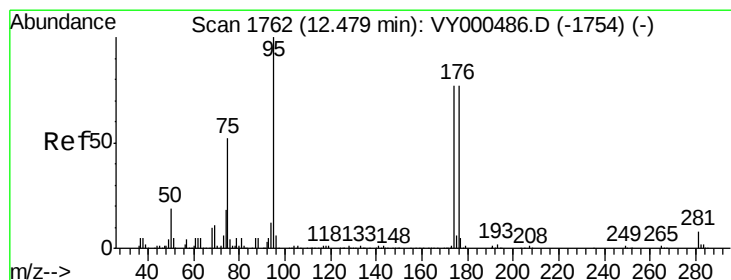
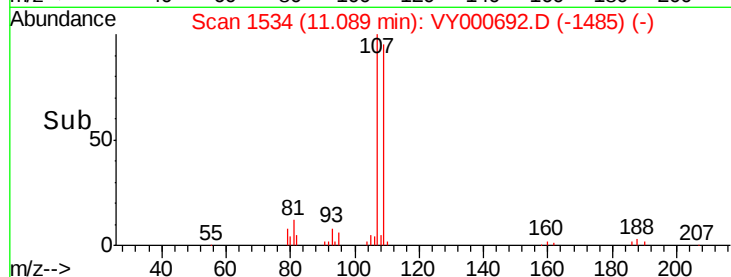
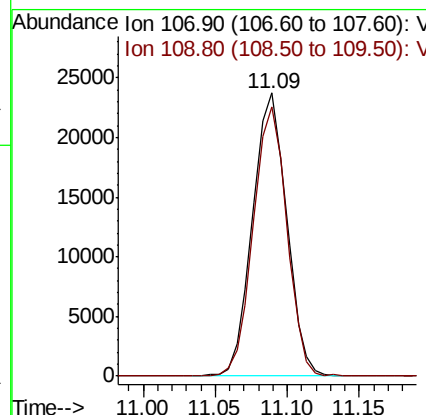
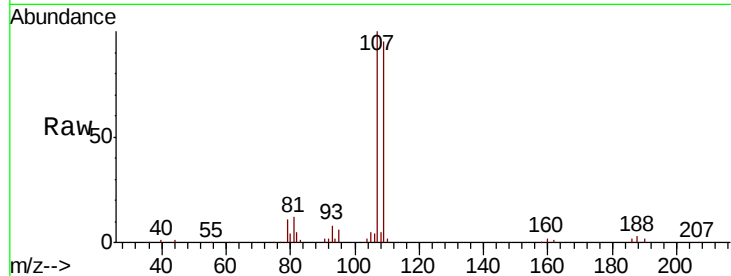




#61
 1,2-Dibromoethane
 Concen: 20.996 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

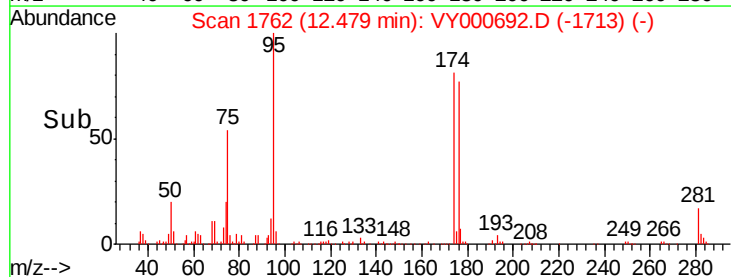
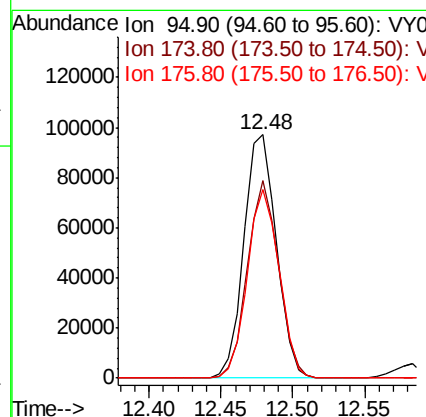
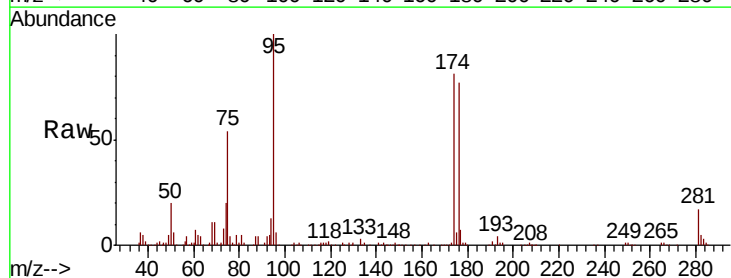
Instrument :
 MSVOA_Y
 ClientSampled :

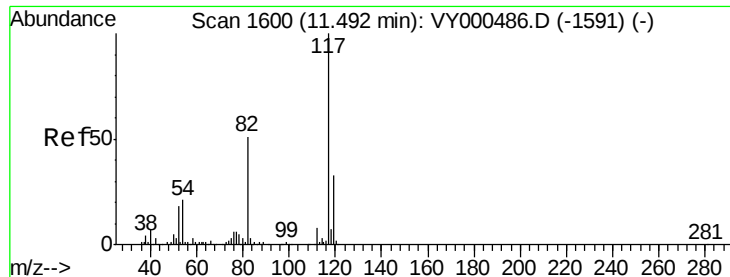
Tot Ion: 107 Resp: 38840
 Ion Ratio Lower Upper
 107 100
 109 93.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.624 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 95 Resp: 152222
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 161.6
 176 75.2 0.0 157.8

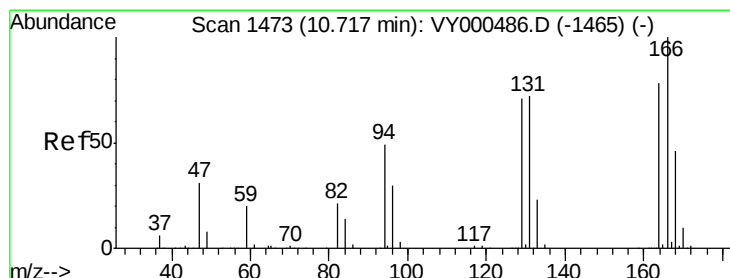
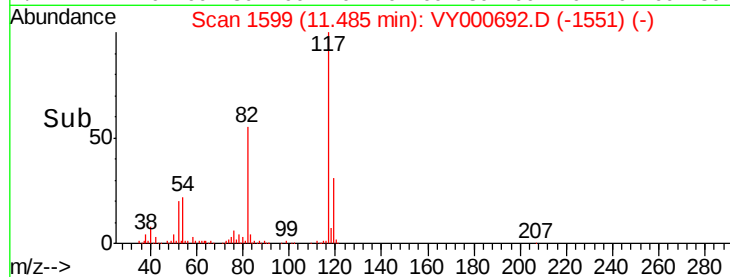
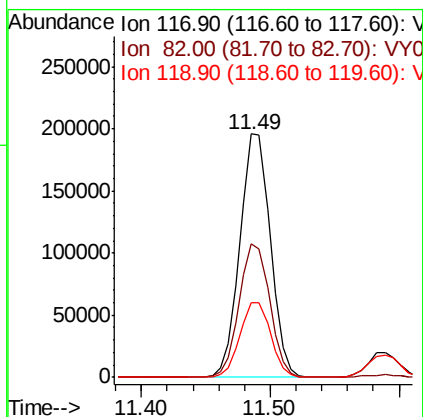
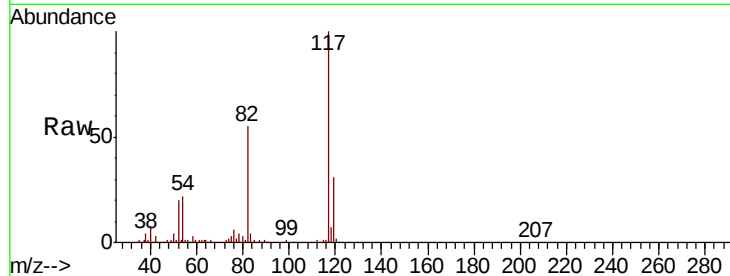




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

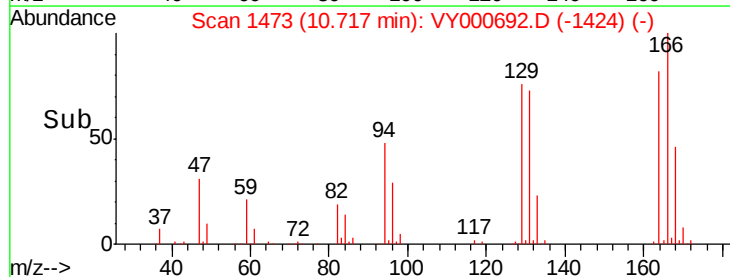
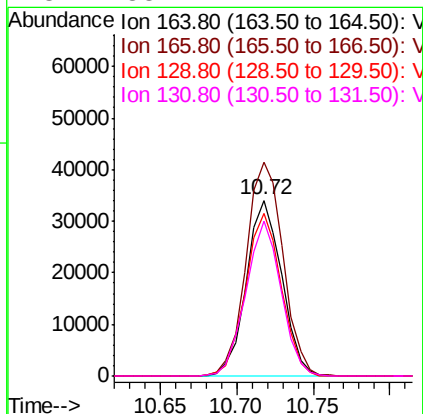
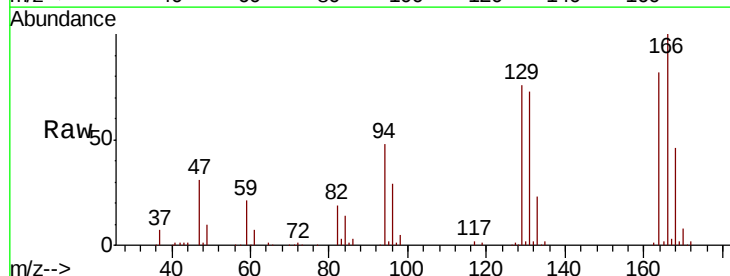
Instrument :
MSVOA_Y
ClientSampled :

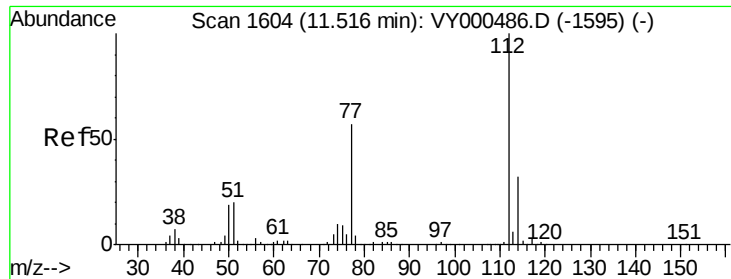
Tot Ion:117 Resp: 320226
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 30.9 26.2 39.2



#64
Tetrachloroethene
Concen: 20.641 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion:164 Resp: 54655
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 92.2 73.2 109.8
131 88.2 74.2 111.2

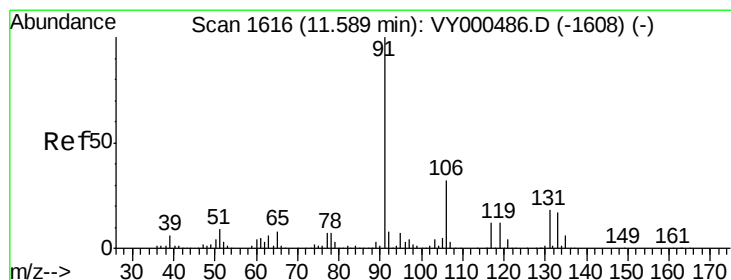
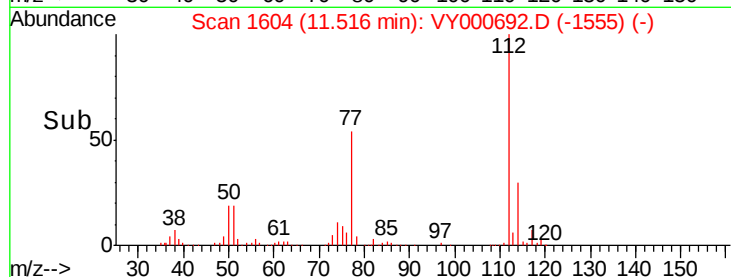
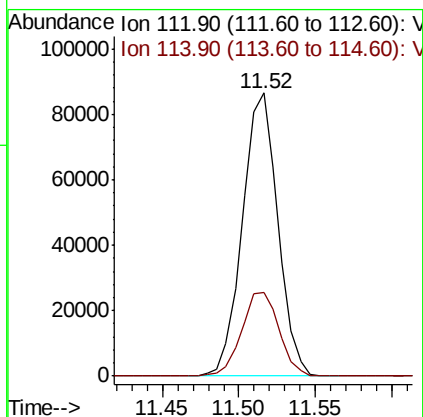
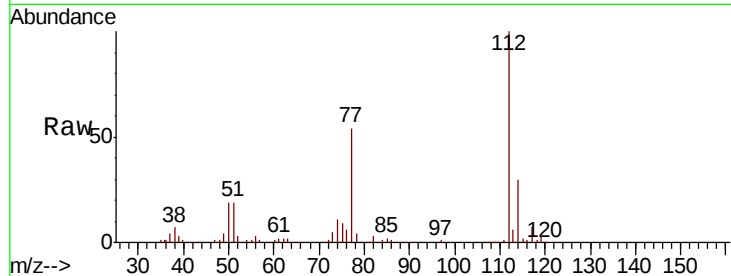




#65
Chlorobenzene
Concen: 21.357 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

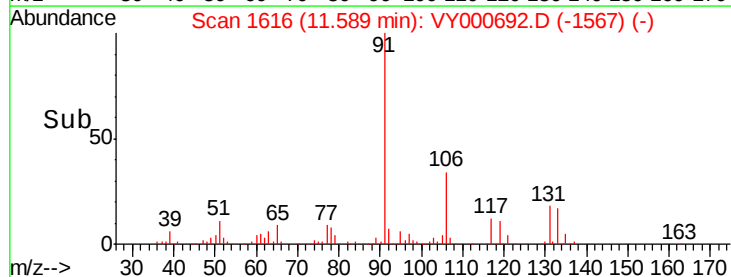
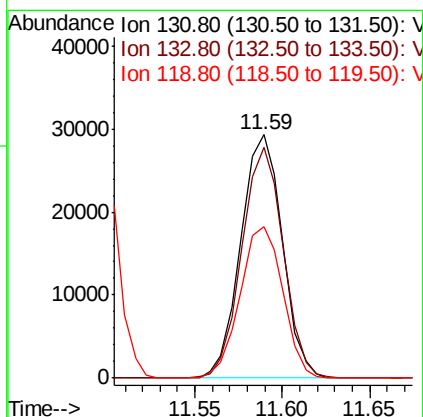
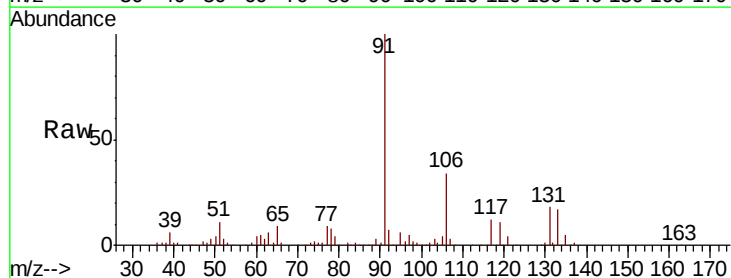
Instrument :
MSVOA_Y
ClientSampled :

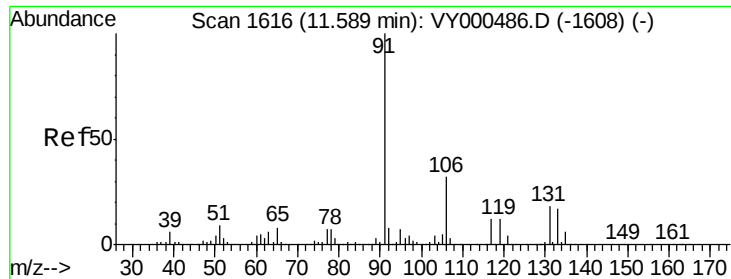
Tot Ion:112 Resp: 138659
Ion Ratio Lower Upper
112 100
114 29.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.655 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion:131 Resp: 48761
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 64.2 33.1 99.3

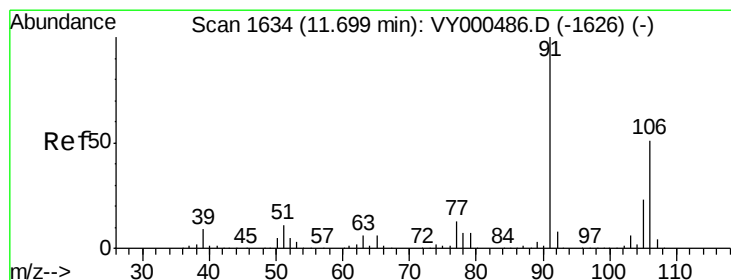
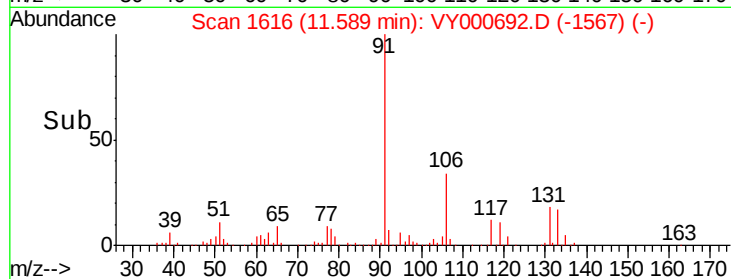
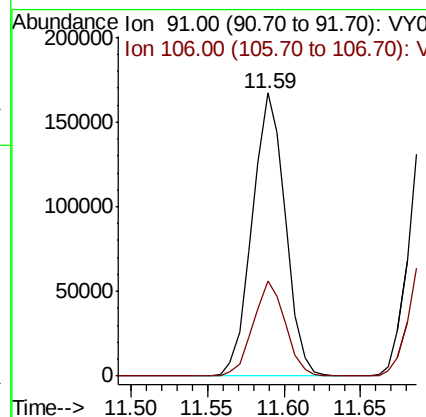
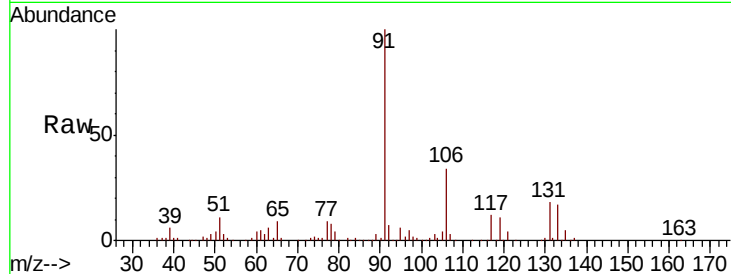




#67
Ethyl Benzene
Concen: 21.047 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

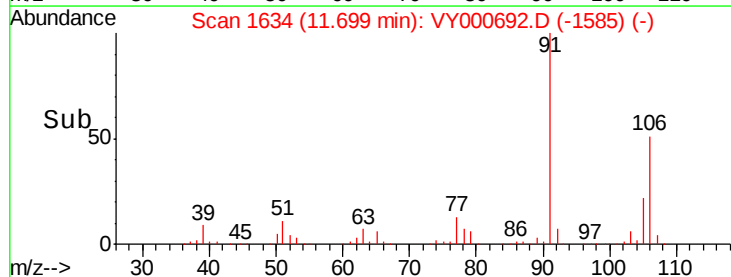
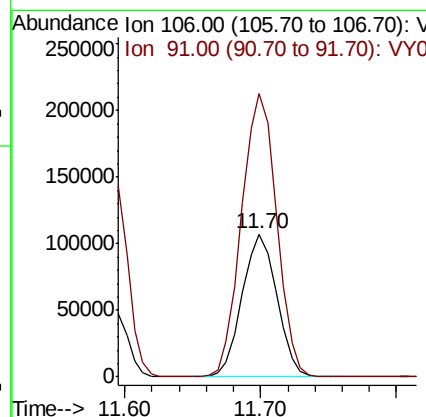
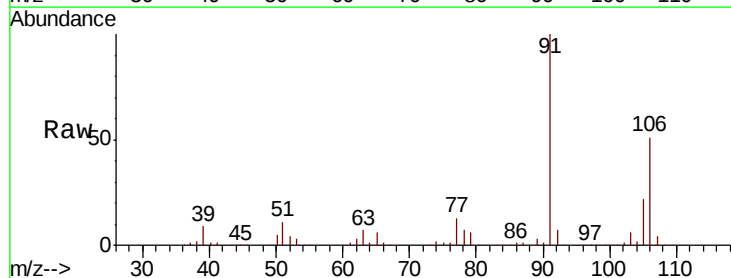
Instrument :
MSVOA_Y
ClientSampleId :

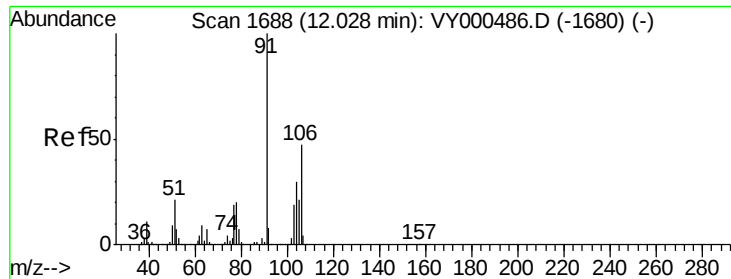
Tot Ion: 91 Resp: 251486
Ion Ratio Lower Upper
91 100
106 33.6 25.4 38.0



#68
m/p-Xylenes
Concen: 41.388 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion: 106 Resp: 191409
Ion Ratio Lower Upper
106 100
91 201.2 155.9 233.9

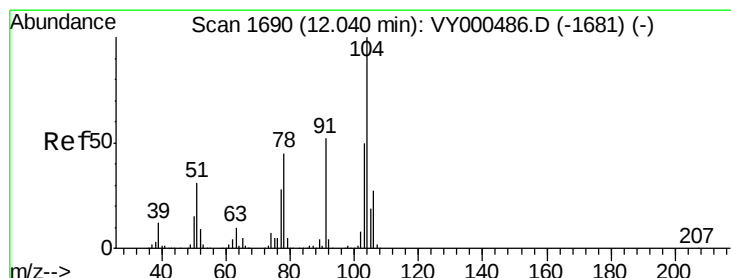
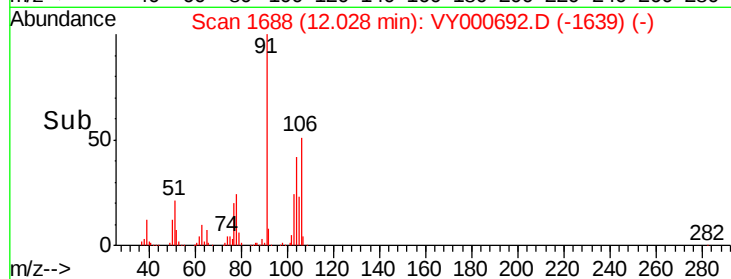
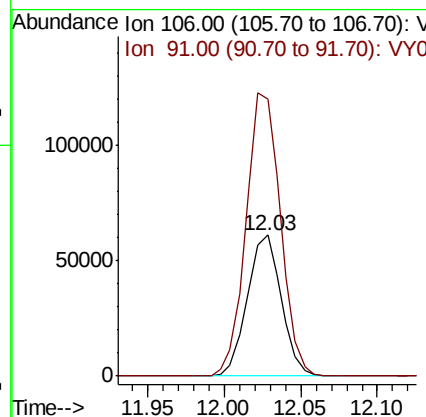
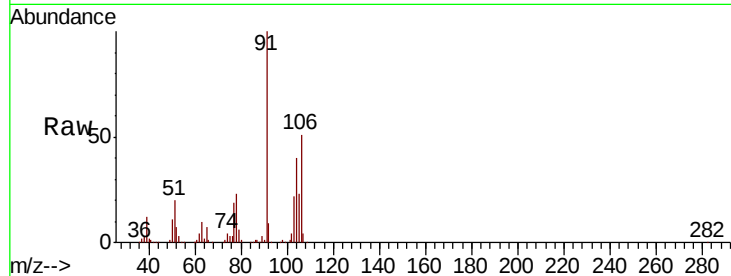




#69
o-Xylene
Concen: 21.706 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

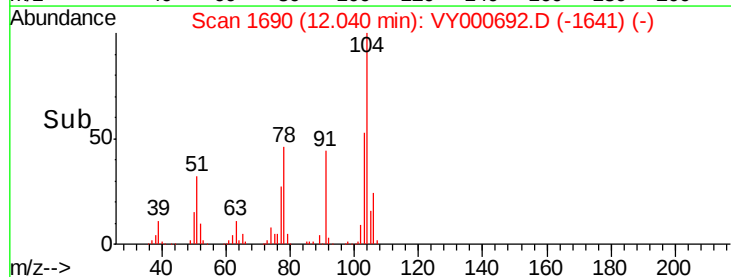
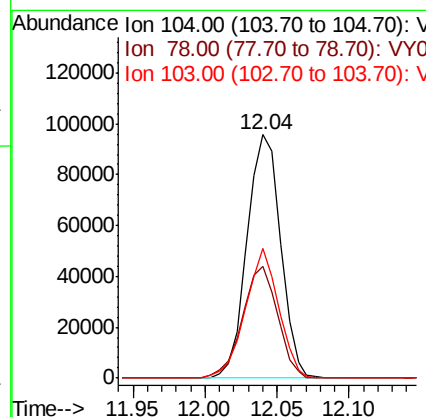
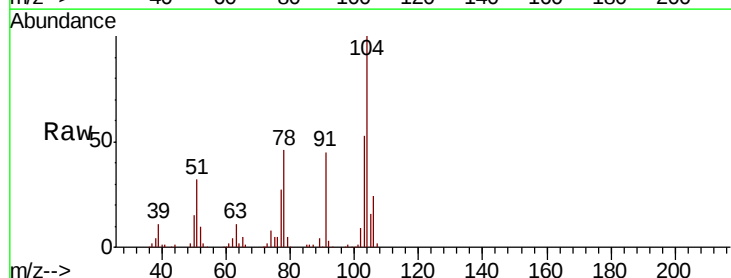
Instrument :
MSVOA_Y
ClientSampled :

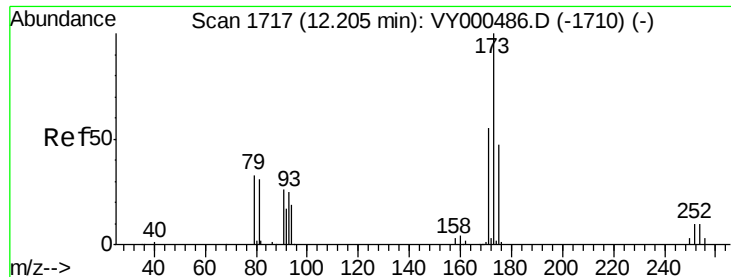
Tot Ion:106 Resp: 94345
Ion Ratio Lower Upper
106 100
91 203.1 106.5 319.6



#70
Styrene
Concen: 20.711 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion:104 Resp: 154146
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 52.9 42.5 63.7





#71

Bromoform

Concen: 21.087 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

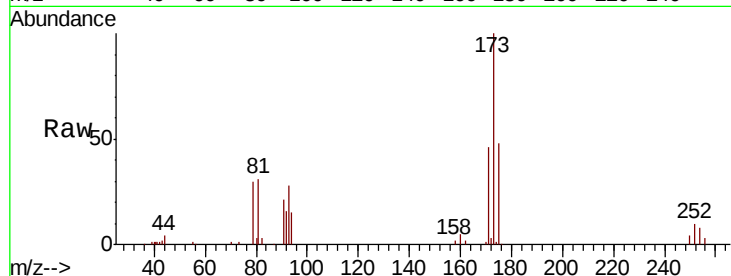
Tot Ion:173 Resp: 27310

Ion Ratio Lower Upper

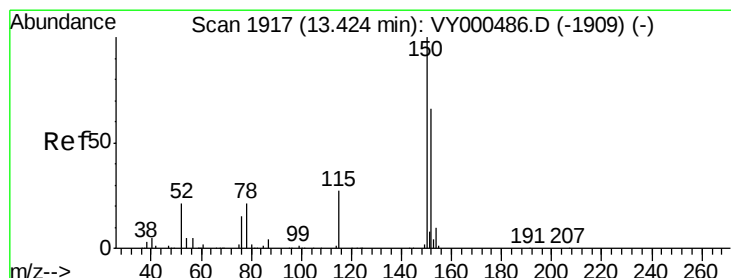
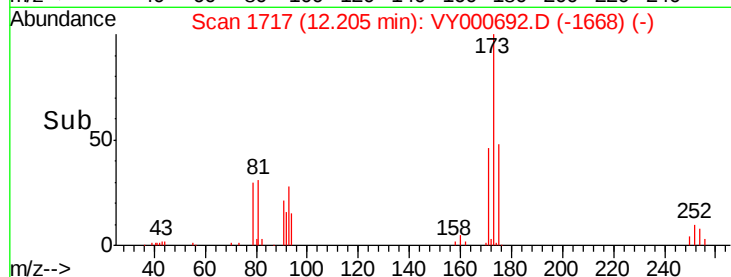
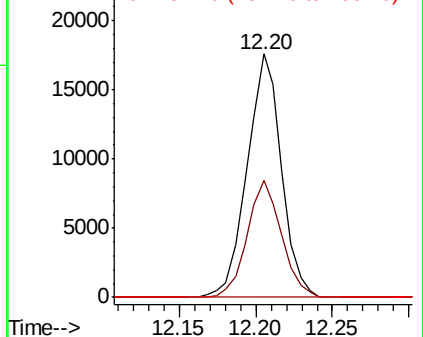
173 100

175 47.7 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: VY000692.D

Acq: 15 Nov 2019 11:54

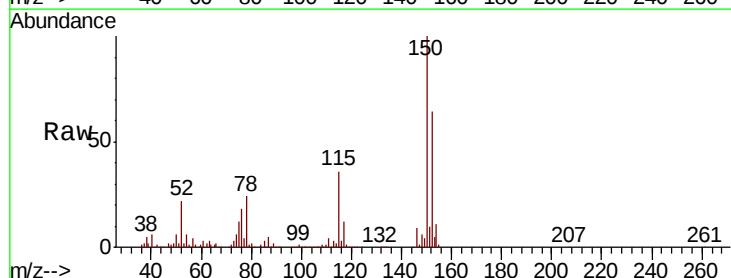
Tgt Ion:152 Resp: 154978

Ion Ratio Lower Upper

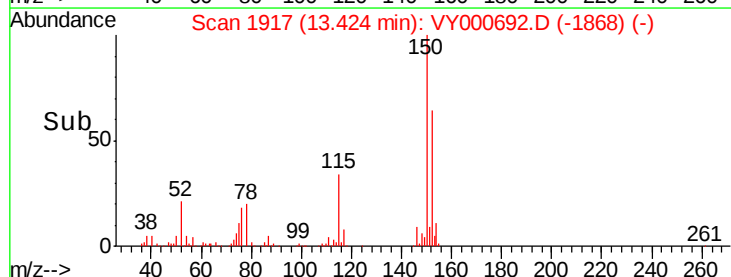
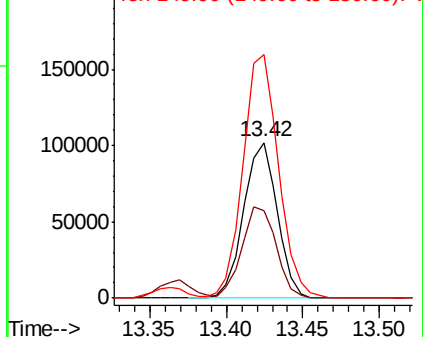
152 100

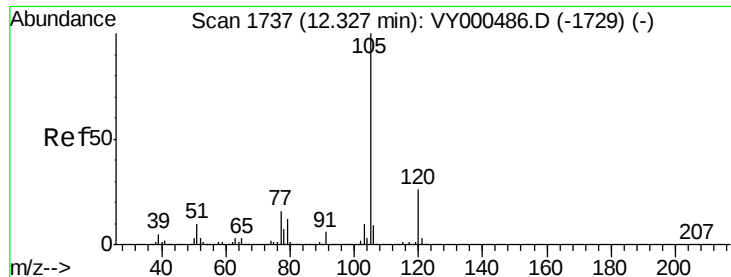
115 60.2 29.1 87.4

150 166.6 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: 21.622 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

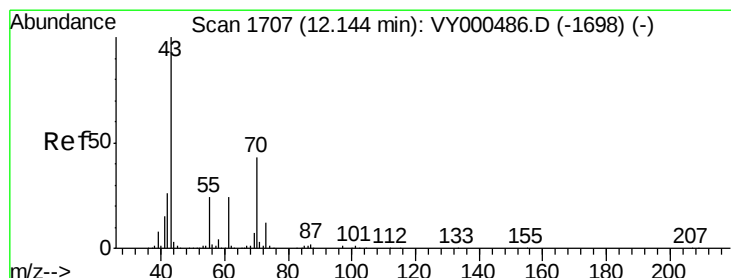
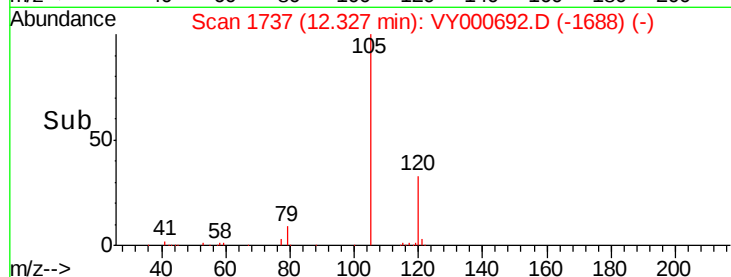
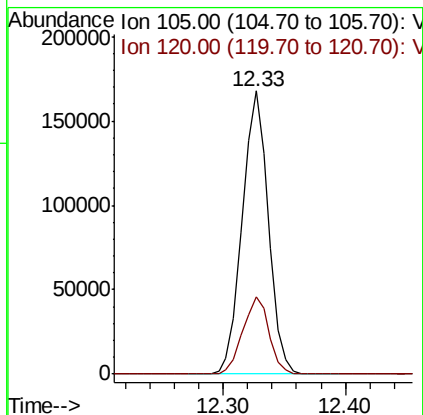
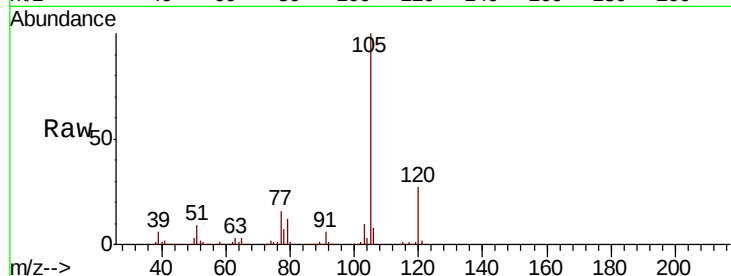
ClientSampleId :

Tot Ion:105 Resp: 247657

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 20.797 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Tgt Ion: 43 Resp: 68222

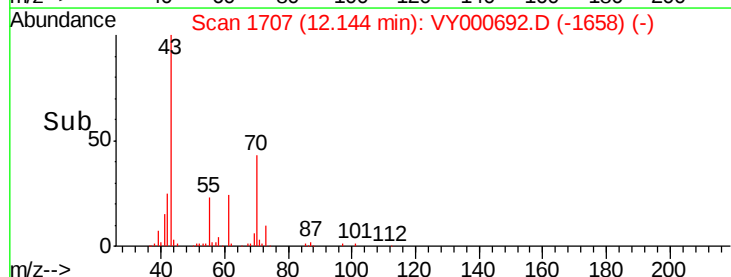
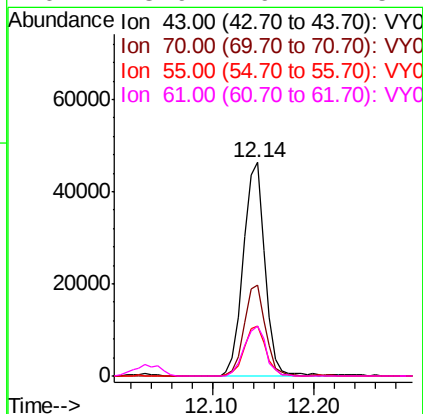
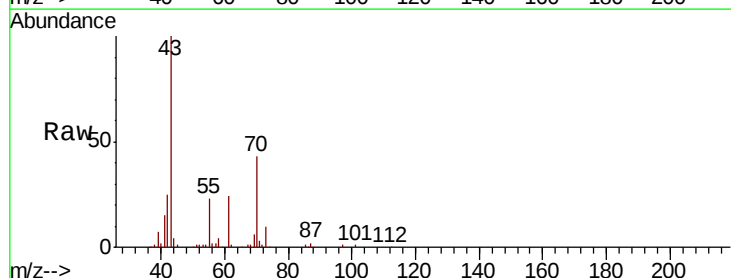
Ion Ratio Lower Upper

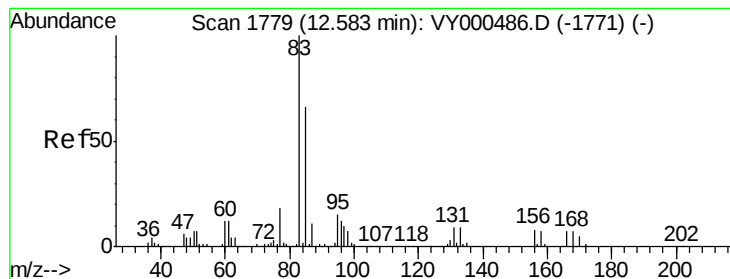
43 100

70 41.7 33.1 49.7

55 23.3 18.0 27.0

61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.114 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

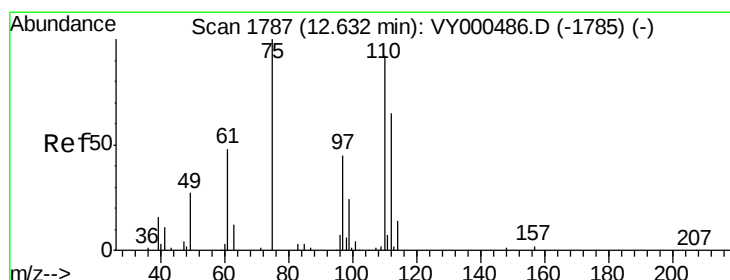
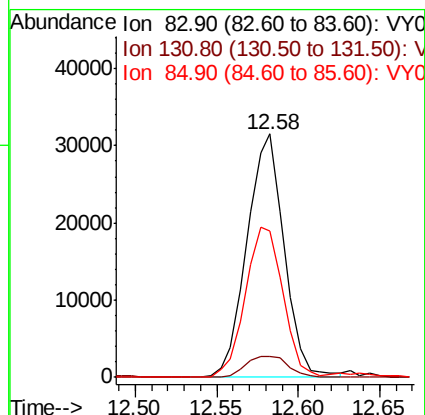
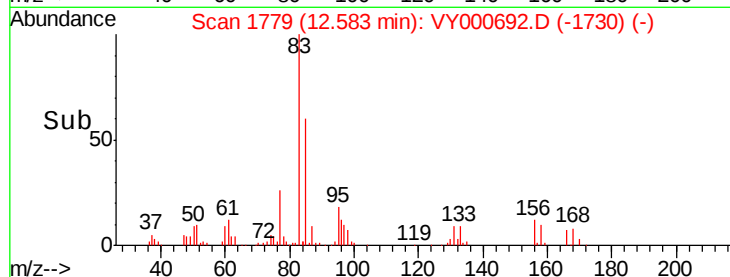
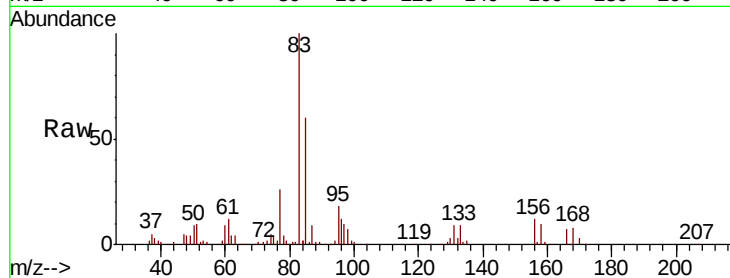
Tot Ion: 83 Resp: 50152

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 62.5 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 37.784 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000692.D

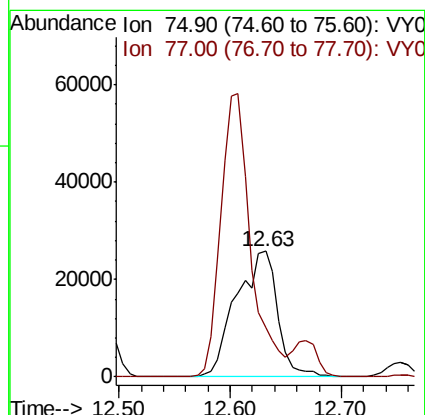
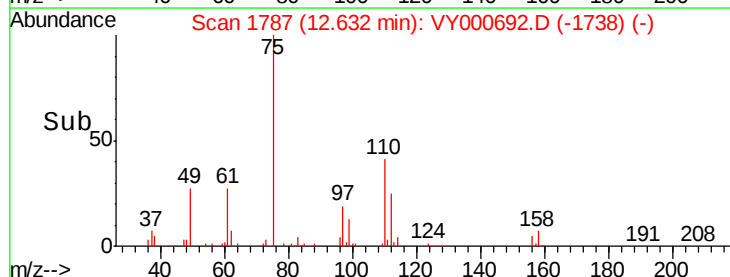
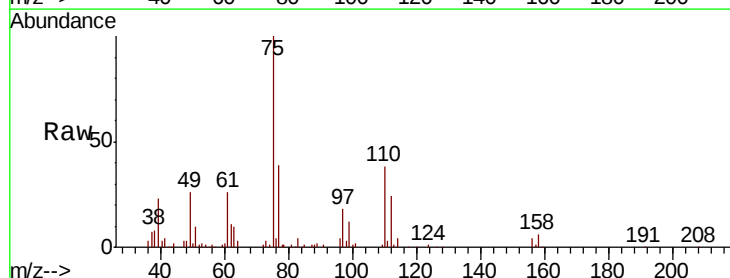
Acq: 15 Nov 2019 11:54

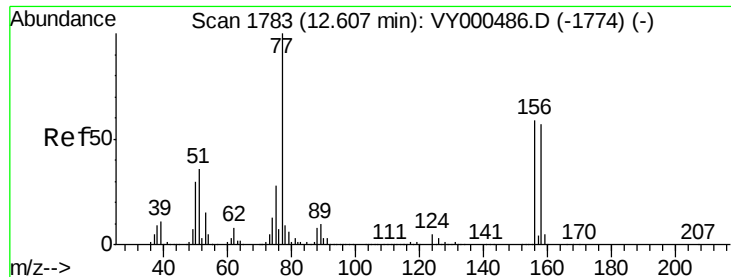
Tgt Ion: 75 Resp: 66675

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.436 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

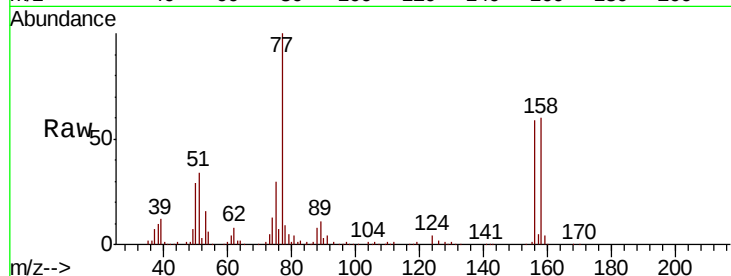
Tot Ion:156 Resp: 55679

Ion	Ratio	Lower	Upper
156	100		
77	195.8	98.2	294.4
158	96.4	49.6	149.0

156 100

77 195.8 98.2 294.4

158 96.4 49.6 149.0

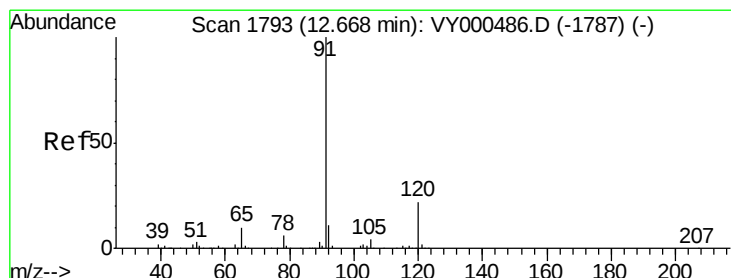
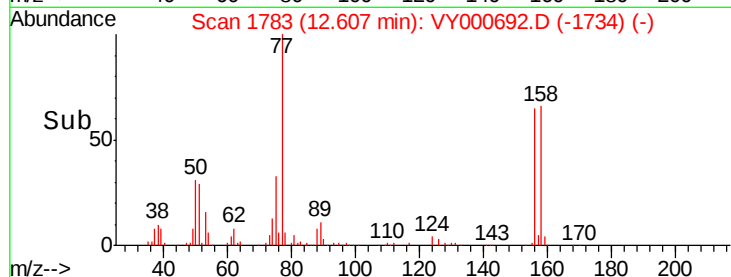
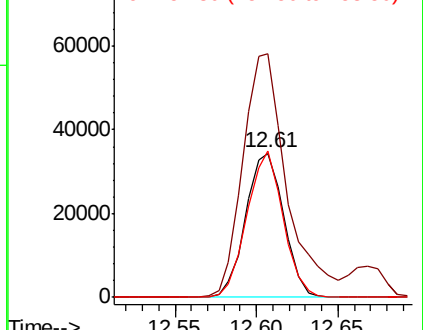


Abundance

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: 21.920 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000692.D

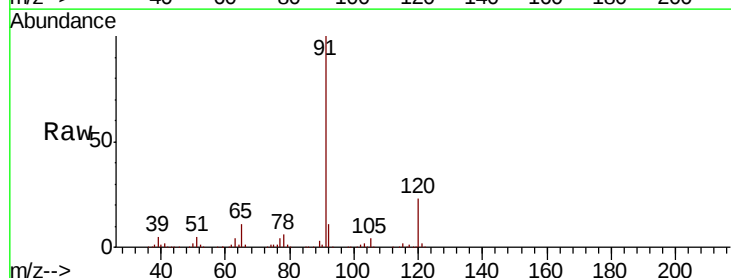
Acq: 15 Nov 2019 11:54

Tgt Ion: 91 Resp: 302941

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.1

91 100

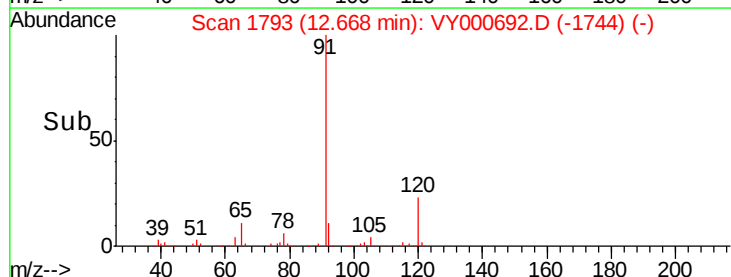
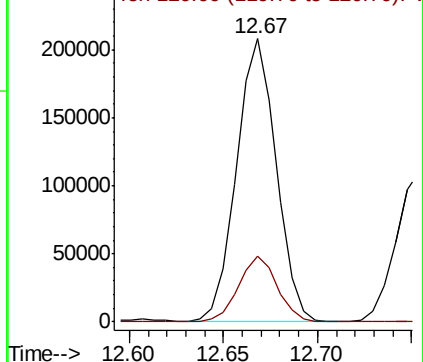
120 22.5 11.4 34.1

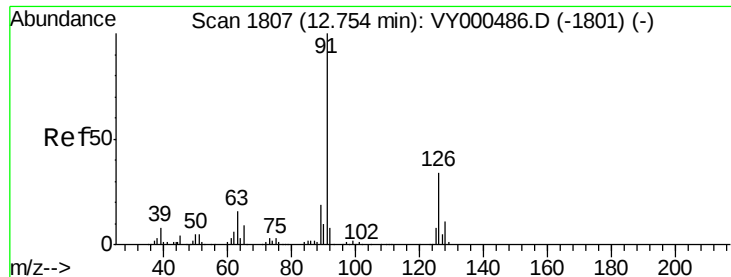


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

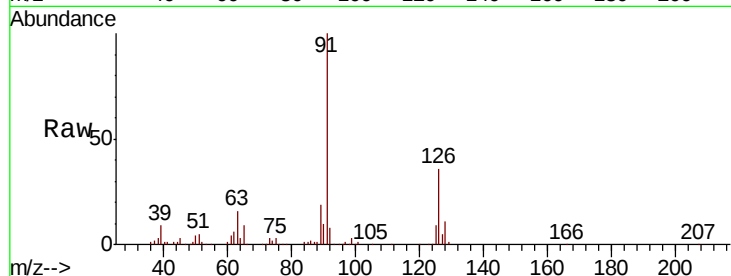




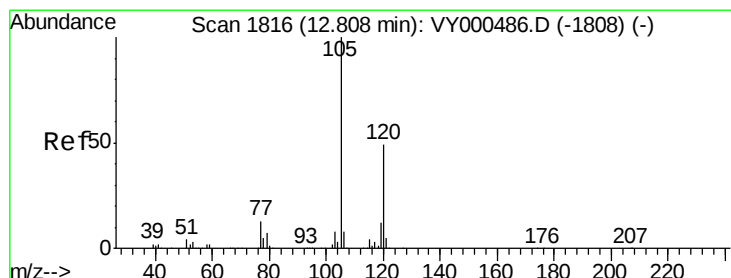
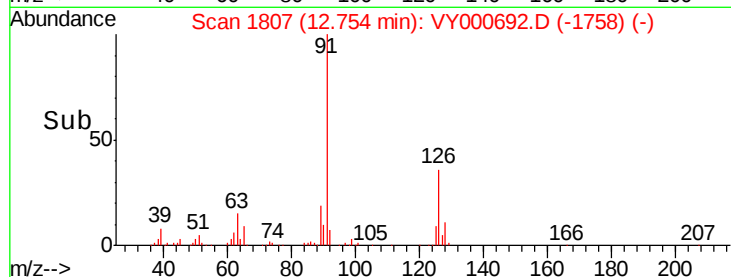
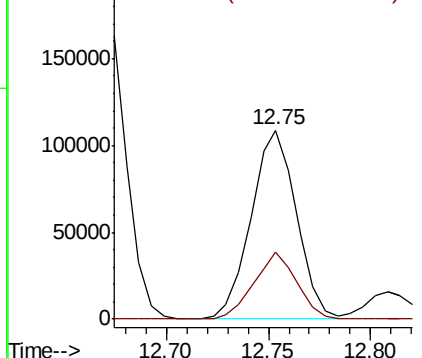
#79
 2-Chlorotoluene
 Concen: 21.880 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 167871
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.7 53.1

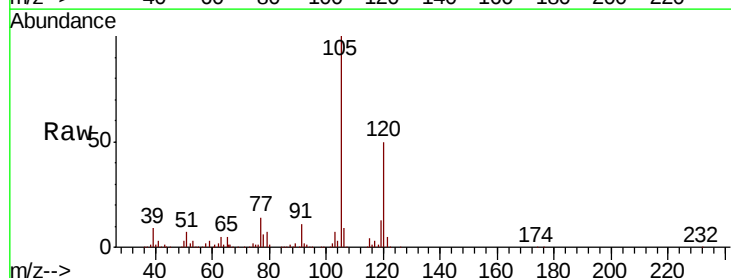


Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

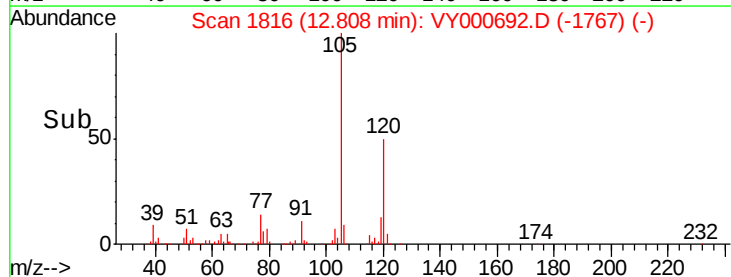
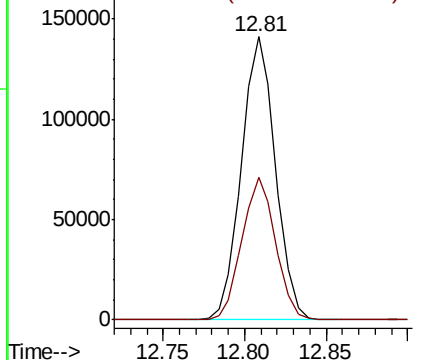


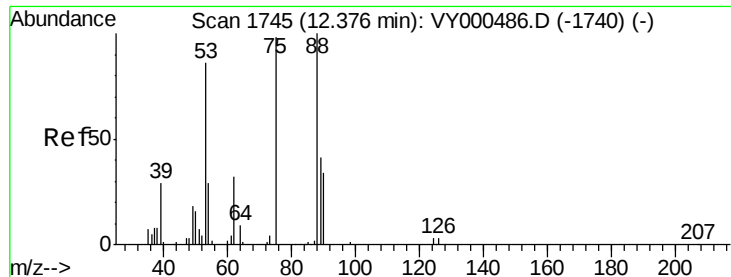
#80
 1,3,5-Trimethylbenzene
 Concen: 21.532 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion: 105 Resp: 205404
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.914 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

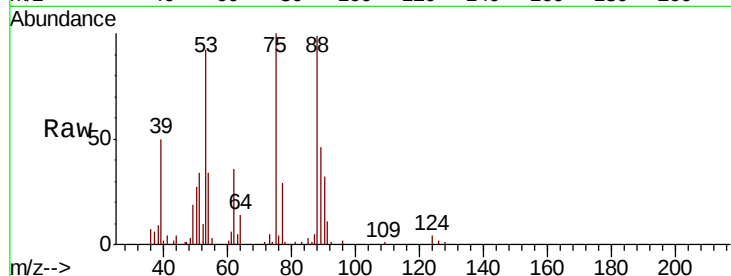
Tot Ion: 75 Resp: 16460

Ion Ratio Lower Upper

75 100

53 94.6 73.2 109.8

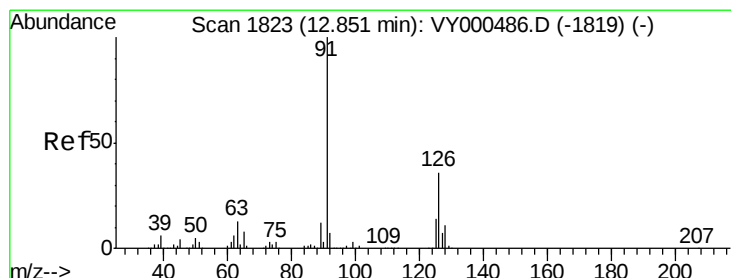
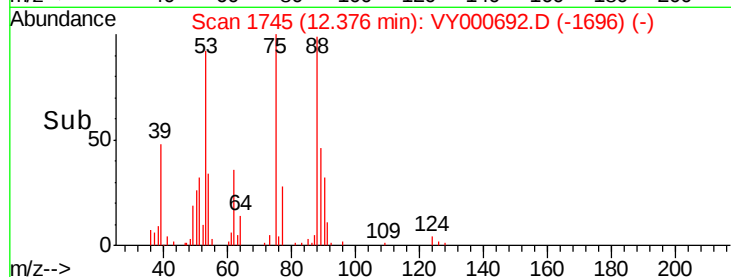
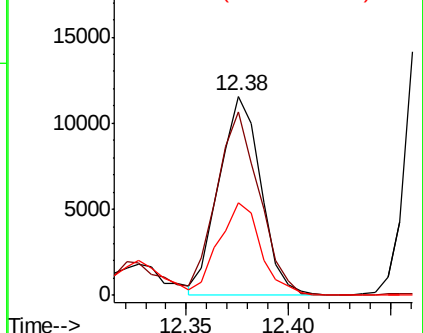
89 46.7 35.9 53.9



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: 21.779 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000692.D

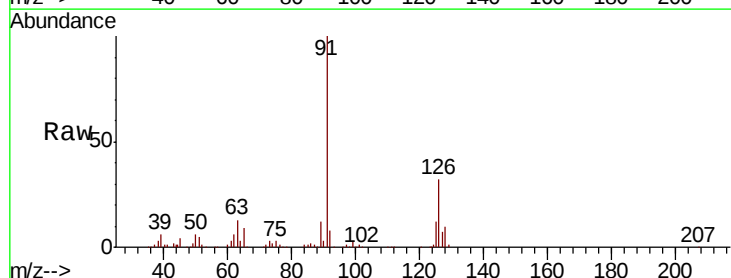
Acq: 15 Nov 2019 11:54

Tgt Ion: 91 Resp: 173207

Ion Ratio Lower Upper

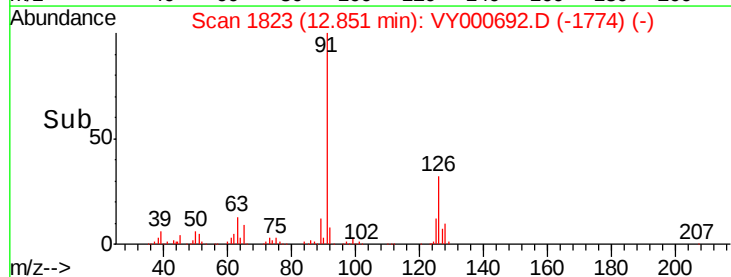
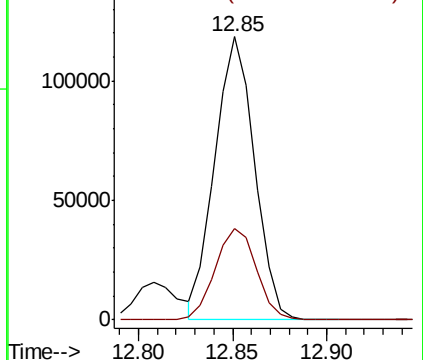
91 100

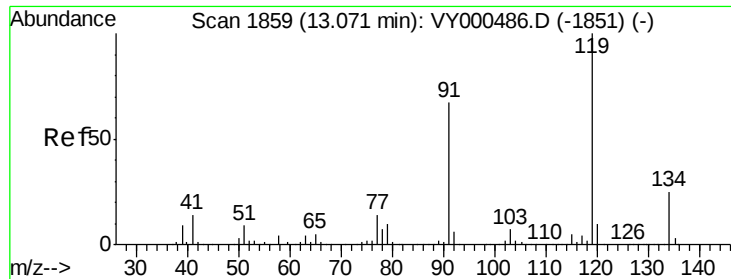
126 33.5 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

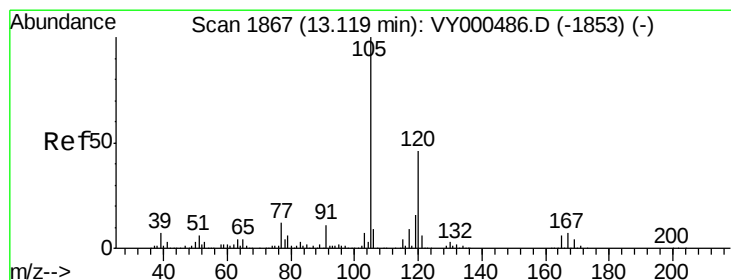
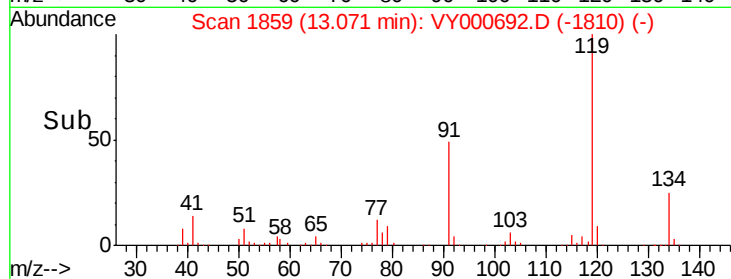
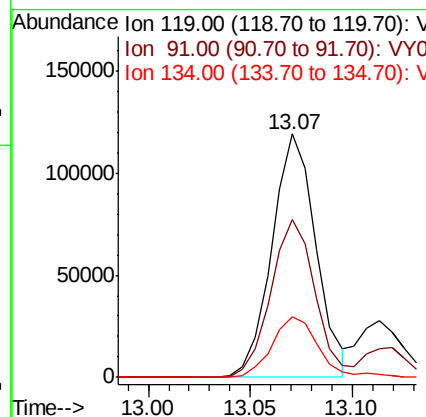
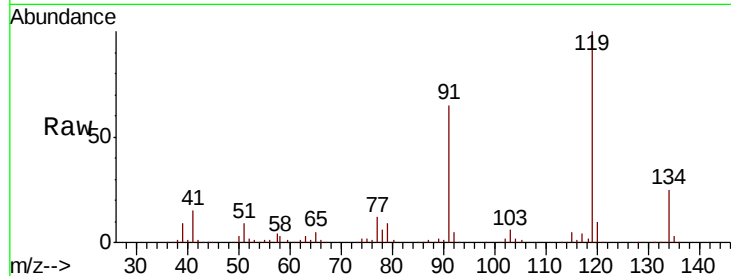




#83
tert-Butylbenzene
Concen: 22.019 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

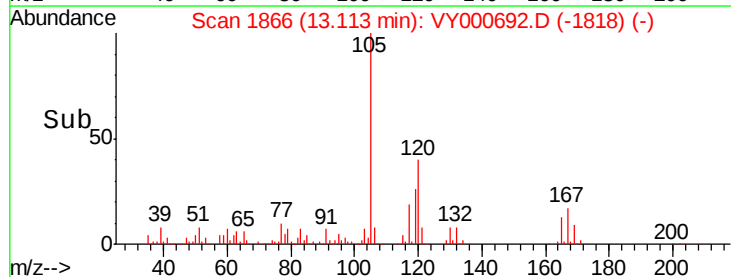
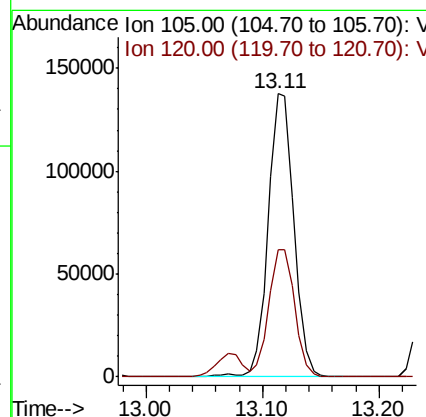
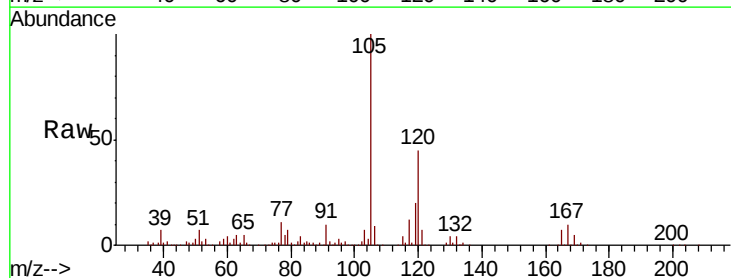
Instrument :
MSVOA_Y
ClientSampleId :

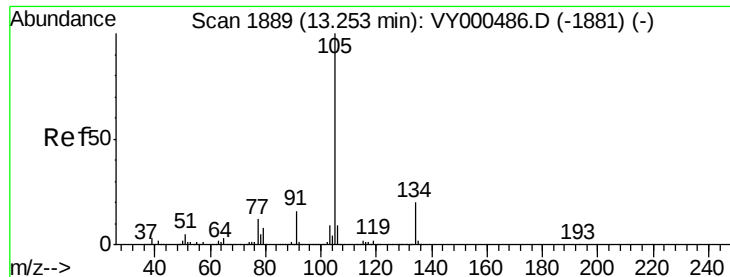
Tot Ion:119 Resp: 179349
Ion Ratio Lower Upper
119 100
91 65.6 32.1 96.3
134 26.4 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 22.246 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion:105 Resp: 211298
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 22.037 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

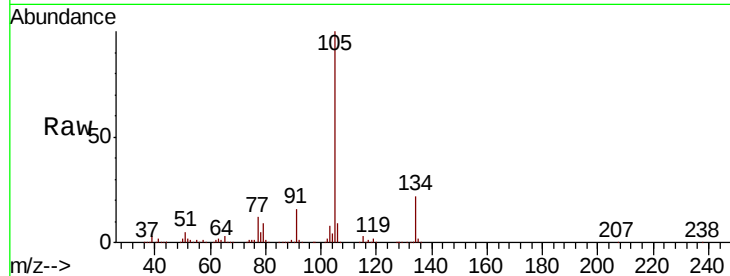
ClientSampleId :

Tot Ion:105 Resp: 255727

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

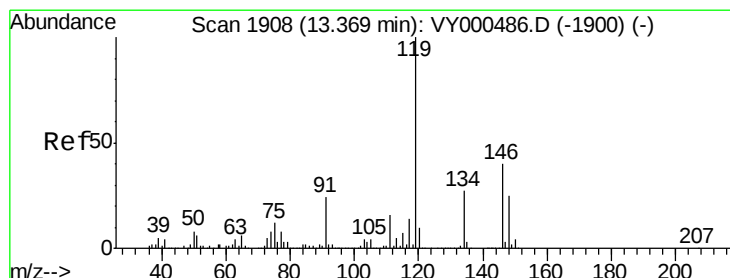
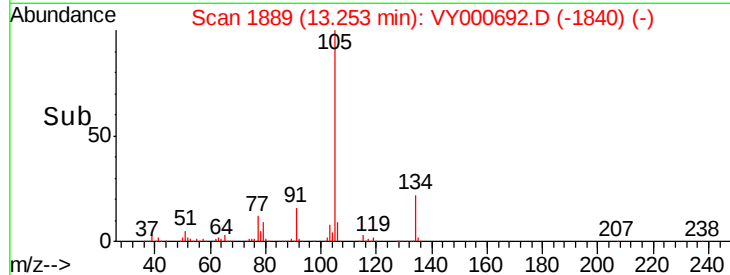
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 22.336 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

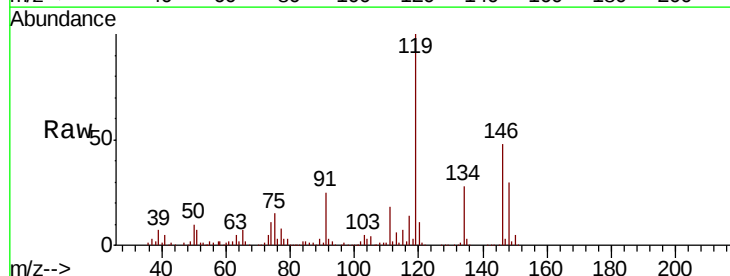
Tgt Ion:119 Resp: 231015

Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.8

91 24.0 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

200000

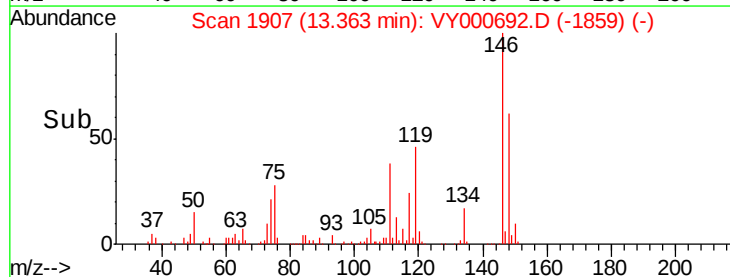
150000

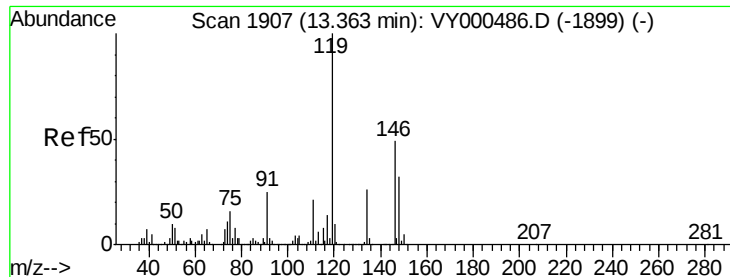
100000

50000

0

Time--> 13.30 13.40





#87

1,3-Dichlorobenzene

Concen: 21.305 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

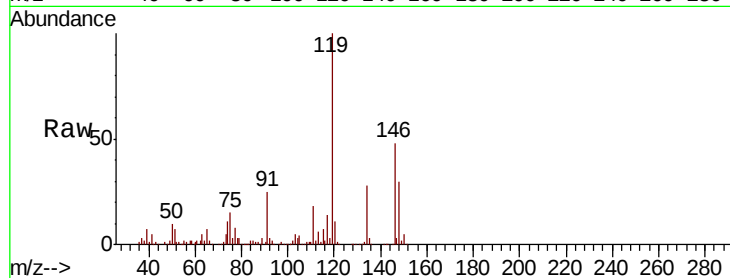
Tot Ion:146 Resp: 108392

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.8

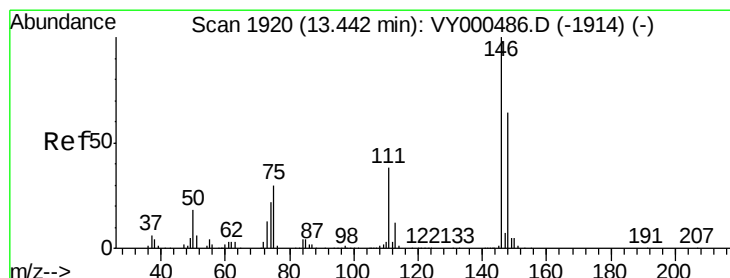
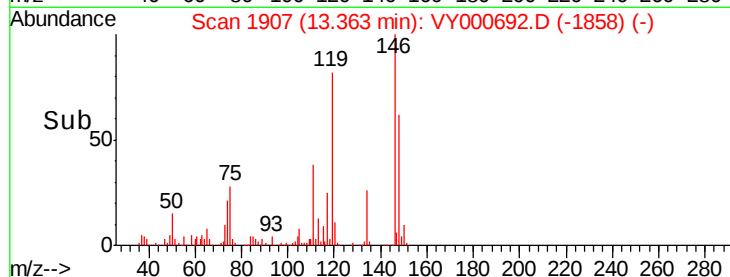
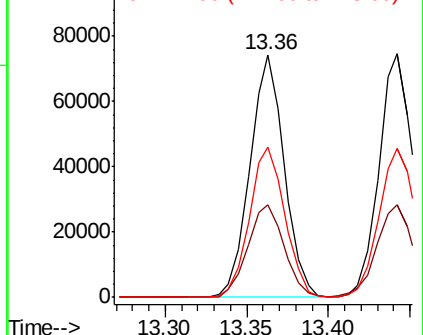
148 63.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.595 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

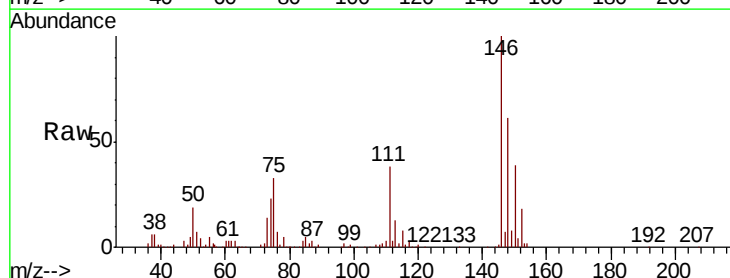
Tgt Ion:146 Resp: 109785

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

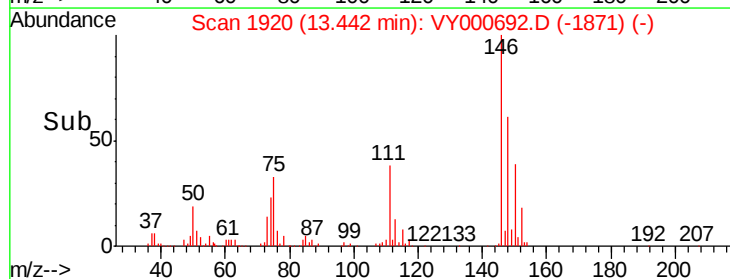
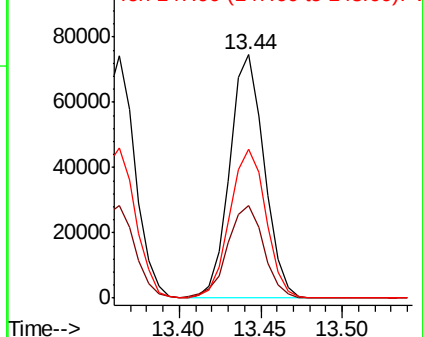
148 64.4 31.9 95.7

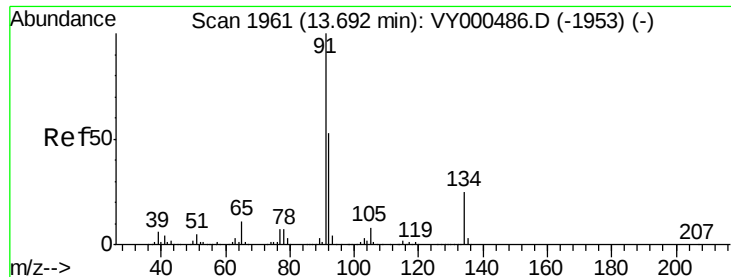


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

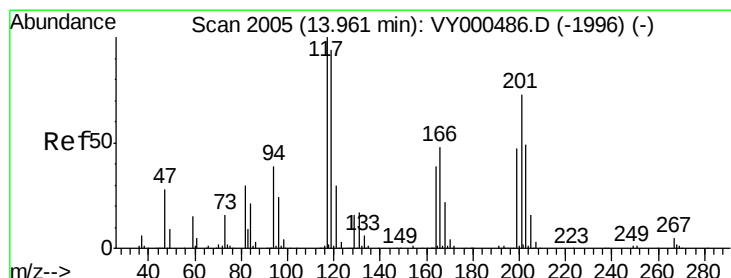
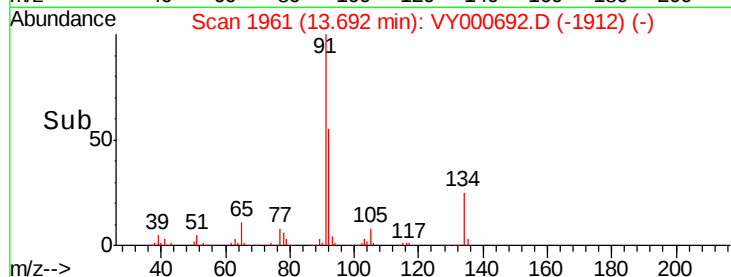
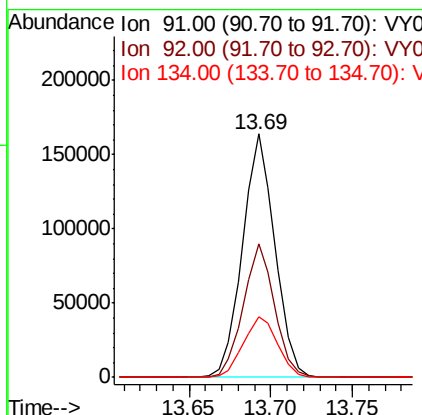
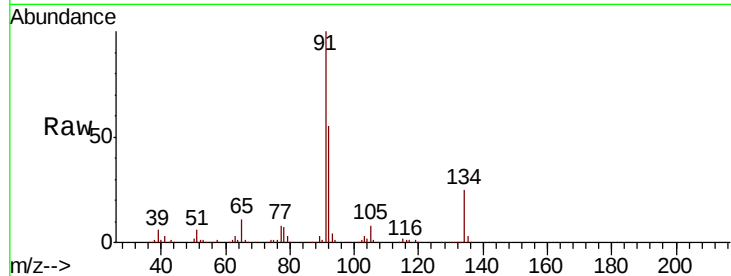




#89
n-Butylbenzene
Concen: 22.203 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

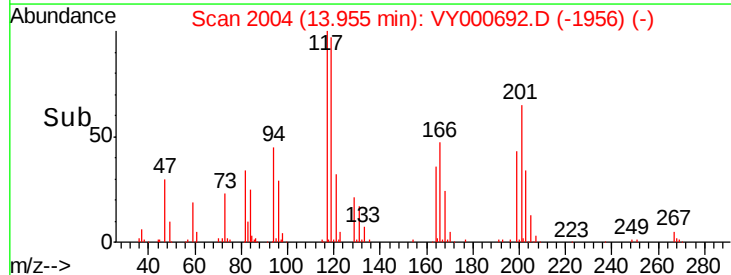
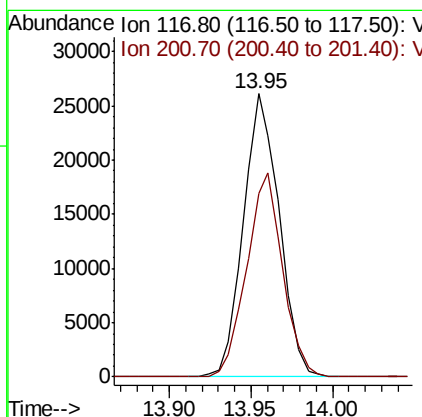
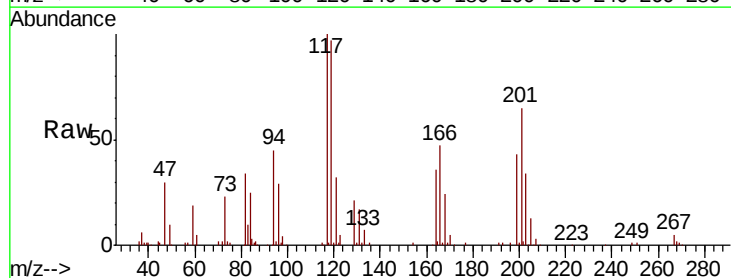
Instrument :
MSVOA_Y
ClientSampled :

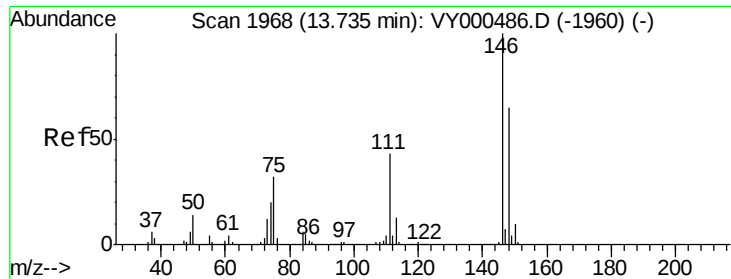
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	26.4	12.9	38.7



#90
Hexachloroethane
Concen: 20.819 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.5	35.8	107.3





#91

1,2-Dichlorobenzene

Concen: 22.165 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

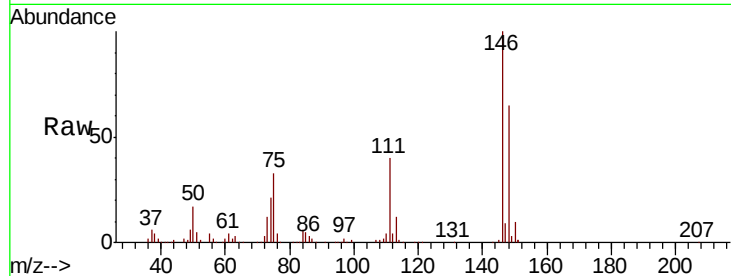
Tot Ion:146 Resp: 102312

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

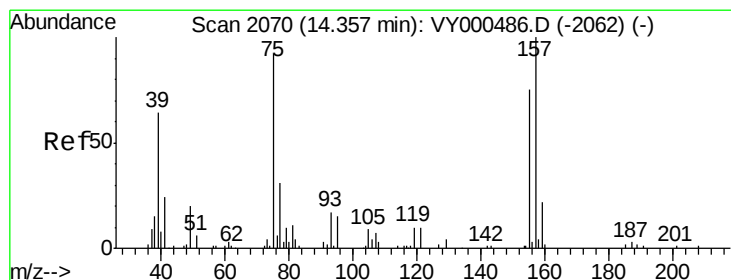
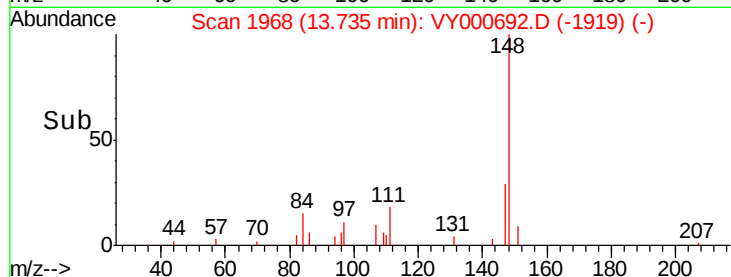
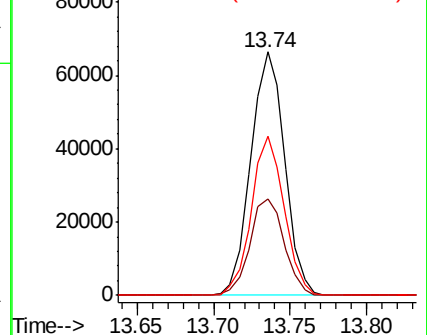
148 63.2 31.7 95.1



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: 22.094 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY000692.D

Acq: 15 Nov 2019 11:54

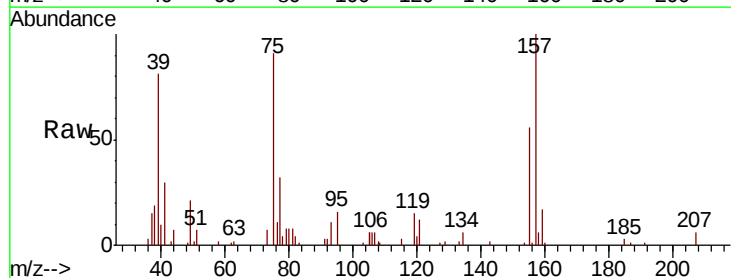
Tgt Ion: 75 Resp: 8868

Ion Ratio Lower Upper

75 100

155 81.0 42.4 127.1

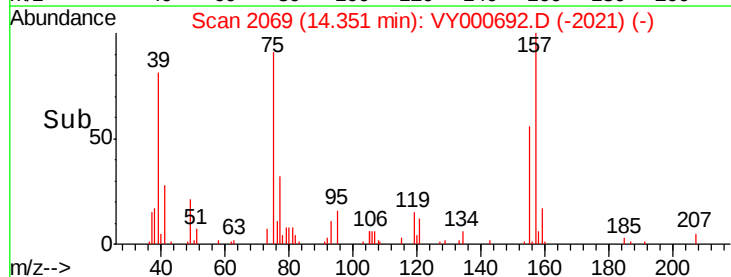
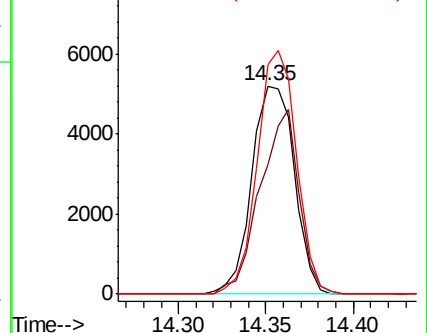
157 108.0 55.1 165.3

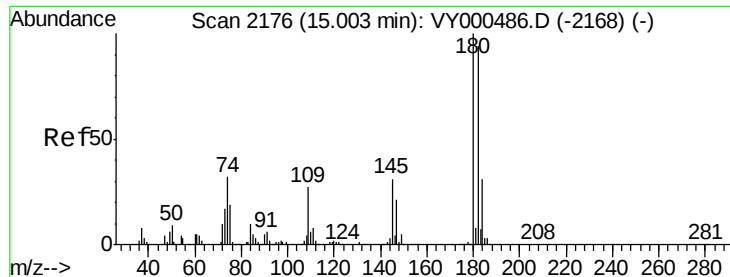


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

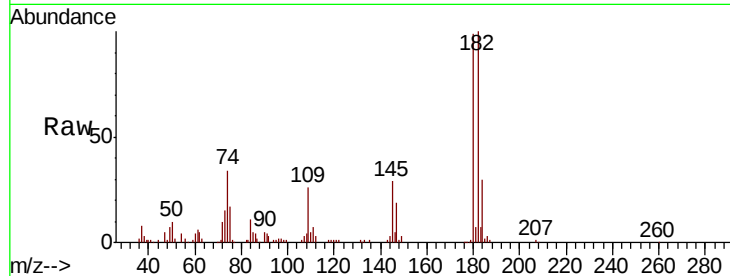




#93
 1,2,4-Trichlorobenzene
 Concen: 22.331 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	30.2	16.0	47.9

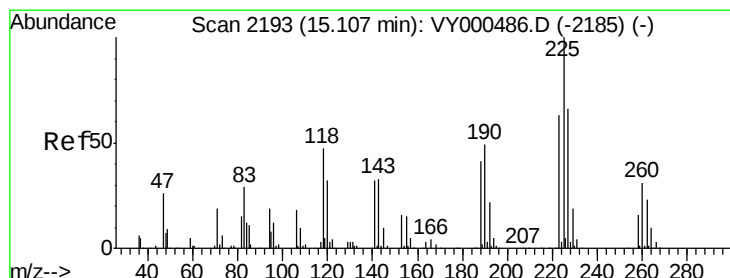
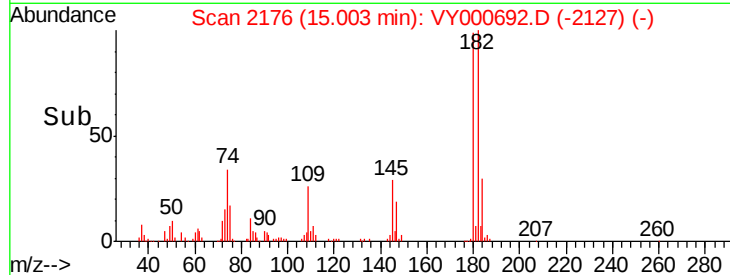
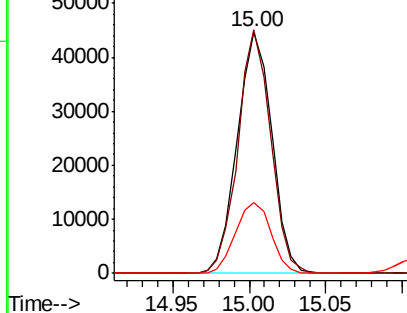


Abundance

Ion 179.80 (179.50 to 180.50): V

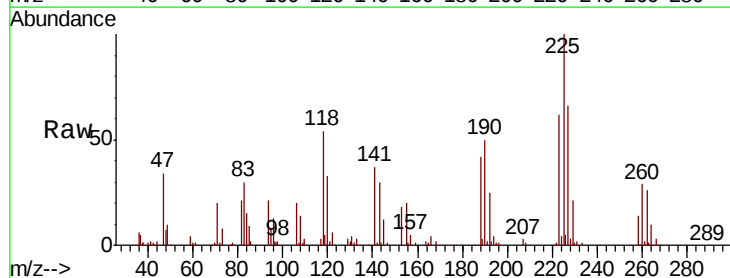
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.621 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000692.D
 Acq: 15 Nov 2019 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.3	93.8
227	66.5	32.4	97.0

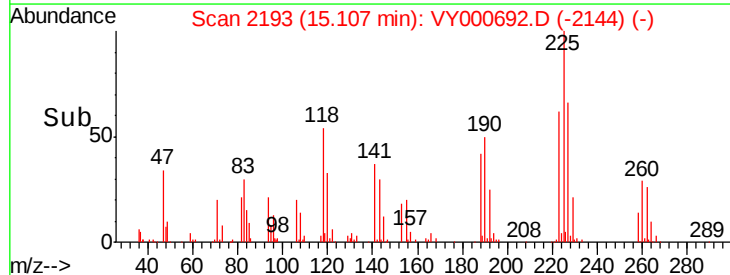
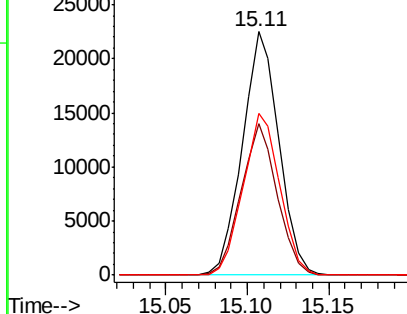


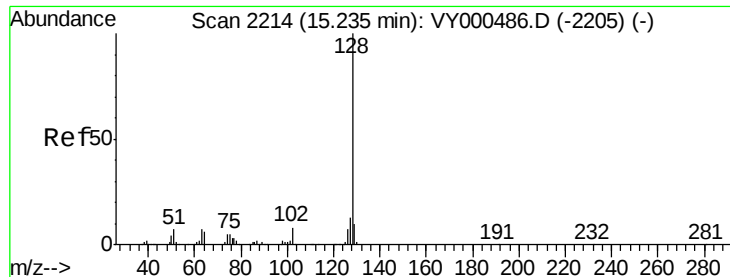
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

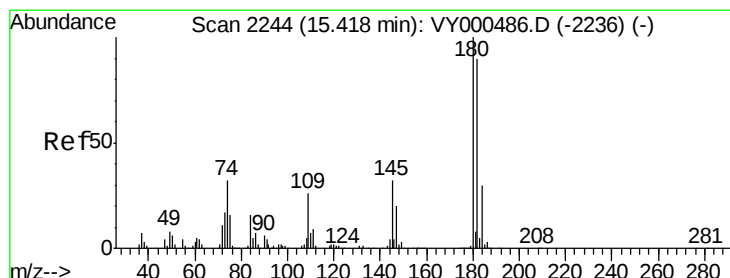
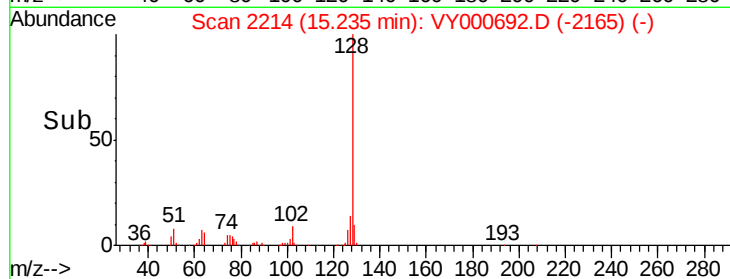
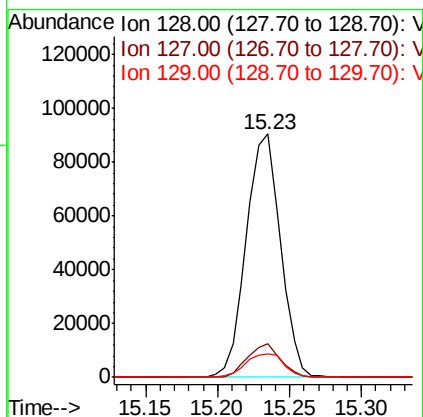
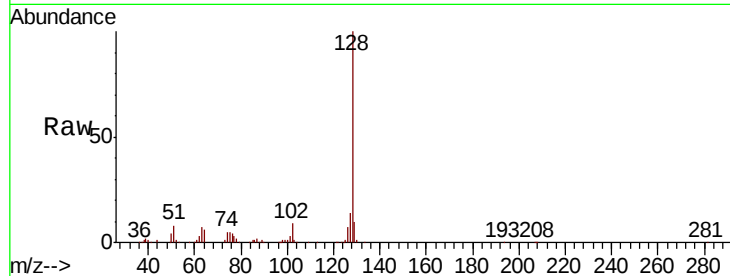




#95
Naphthalene
Concen: 21.341 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 148900
Ion Ratio Lower Upper
128 100
127 13.3 9.8 14.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.588 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000692.D
Acq: 15 Nov 2019 11:54

Tgt Ion:180 Resp: 63693
Ion Ratio Lower Upper
180 100
182 92.5 47.4 142.3
145 32.1 15.7 47.0

