

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103119\
 Data File : VY000499.D
 Acq On : 31 Oct 2019 12:44
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 05:49:34 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	267285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196030	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	140336	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
35) Dibromofluoromethane	7.73	113	122002	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	10.18	98	498311	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.48	95	172463	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	49969	18.991	ug/l	100
3) Chloromethane	2.11	50	73463	20.268	ug/l	99
4) Vinyl Chloride	2.25	62	65821	19.556	ug/l	98
5) Bromomethane	2.63	94	40307	19.970	ug/l	90
6) Chloroethane	2.79	64	42576	20.211	ug/l #	87
7) Trichlorofluoromethane	3.12	101	92795	20.415	ug/l	97
8) Diethyl Ether	3.53	74	33025	20.447	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	54418	19.802	ug/l	98
10) Methyl Iodide	4.09	142	67485	20.662	ug/l	98
11) Tert butyl alcohol	4.96	59	29467	109.438	ug/l	99
12) 1,1-Dichloroethene	3.87	96	54472	20.402	ug/l	98
13) Acrolein	3.74	56	21701	92.526	ug/l	98
14) Allyl chloride	4.48	41	89531	20.623	ug/l	97
15) Acrylonitrile	5.17	53	86463	104.503	ug/l	100
16) Acetone	3.95	43	69898	91.687	ug/l	98
17) Carbon Disulfide	4.19	76	170593	20.258	ug/l	99
18) Methyl Acetate	4.48	43	48536	20.476	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	151015	20.343	ug/l	100
20) Methylene Chloride	4.72	84	70363	21.540	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	58875	19.505	ug/l	93
22) Diisopropyl ether	6.13	45	187490	19.869	ug/l	95
23) Vinyl Acetate	6.07	43	601879	101.044	ug/l	99
24) 1,1-Dichloroethane	6.03	63	102930	20.135	ug/l	98
25) 2-Butanone	7.00	43	119839	98.498	ug/l	98
26) 2,2-Dichloropropane	6.99	77	93251	19.961	ug/l	96
27) cis-1,2-Dichloroethene	6.99	96	64653	19.589	ug/l	97
28) Bromochloromethane	7.34	49	26109	14.375	ug/l	97
29) Tetrahydrofuran	7.36	42	75608	101.581	ug/l	98
30) Chloroform	7.51	83	101785	19.683	ug/l	99
31) Cyclohexane	7.79	56	107050	19.994	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	94732	20.554	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84099	20.060	ug/l	99
37) Ethyl Acetate	7.08	43	51045	20.508	ug/l	98
38) Carbon Tetrachloride	7.90	117	81223	20.135	ug/l	97

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

39) Methylcyclohexane	9.19	83	108616	20.054	ug/l	99
40) Benzene	8.16	78	245536	19.977	ug/l	99
41) Methacrylonitrile	7.36	41	66674	48.018	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	70361	20.184	ug/l	100
43) Isopropyl Acetate	8.28	43	93981	20.100	ug/l	98
44) Trichloroethene	8.94	130	65584	20.238	ug/l	88
45) 1,2-Dichloropropane	9.22	63	59797	19.767	ug/l	94
46) Dibromomethane	9.31	93	33432	20.096	ug/l	98
47) Bromodichloromethane	9.50	83	77293	19.580	ug/l	94
48) Methyl methacrylate	9.30	41	42114	20.615	ug/l	97
49) 1,4-Dioxane	9.30	88	10037	448.274	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	255726	102.870	ug/l	100
52) Toluene	10.25	92	152885	19.674	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	83751	19.856	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	94975	19.655	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	46736	19.423	ug/l	96
56) Ethyl methacrylate	10.51	69	69018	20.237	ug/l	99
57) 1,3-Dichloropropane	10.79	76	84411	20.043	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	156842	101.723	ug/l	99
59) 2-Hexanone	10.83	43	183200	101.147	ug/l	100
60) Dibromochloromethane	10.99	129	55336	20.077	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46534	20.113	ug/l	99
64) Tetrachloroethene	10.72	164	64977	19.880	ug/l	97
65) Chlorobenzene	11.52	112	157788	19.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	54619	19.651	ug/l	98
67) Ethyl Benzene	11.59	91	299220	20.286	ug/l	98
68) m/p-Xylenes	11.70	106	226690	39.709	ug/l	98
69) o-Xylene	12.03	106	107390	20.016	ug/l	98
70) Styrene	12.04	104	178592	19.439	ug/l	100
71) Bromoform	12.20	173	32303	20.206	ug/l #	97
73) Isopropylbenzene	12.33	105	285046	19.674	ug/l	100
74) N-amyl acetate	12.14	43	84910	20.463	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	56714	19.770	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	79205	35.485	ug/l #	100
77) Bromobenzene	12.61	156	65179	19.839	ug/l	98
78) n-propylbenzene	12.67	91	347019	19.851	ug/l	98
79) 2-Chlorotoluene	12.75	91	191405	19.723	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	245750	20.366	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19773	19.862	ug/l	97
82) 4-Chlorotoluene	12.85	91	202999	20.179	ug/l	98
83) tert-Butylbenzene	13.07	119	209905	20.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	244293	20.334	ug/l	99
85) sec-Butylbenzene	13.25	105	296293	20.186	ug/l	99
86) p-Isopropyltoluene	13.37	119	261022	19.952	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	124463	19.341	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	127935	19.895	ug/l	99
89) n-Butylbenzene	13.69	91	257514	19.958	ug/l	98
90) Hexachloroethane	13.96	117	46885	19.386	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	114101	19.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10667	21.011	ug/l	95

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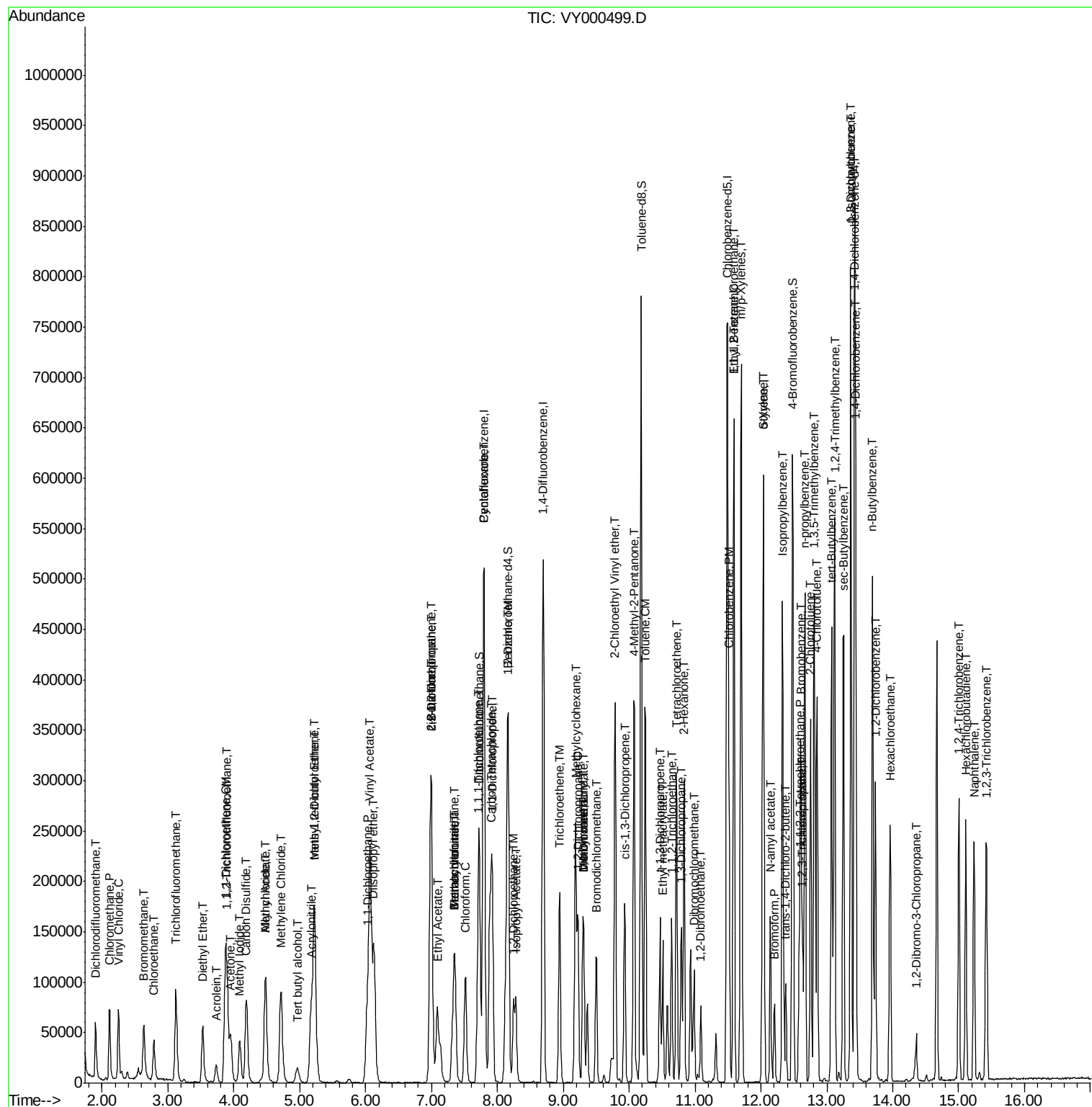
Quant Time: Nov 01 05:49:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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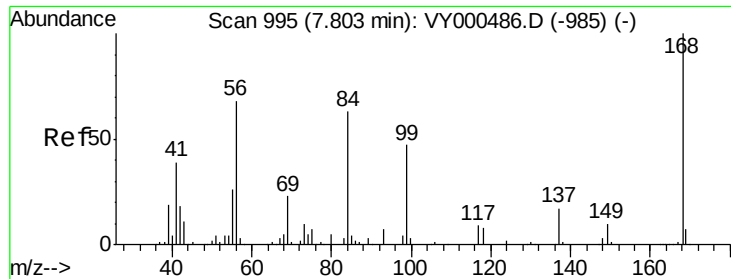
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79361	19.962	ug/l	100
94) Hexachlorobutadiene	15.11	225	42081	20.534	ug/l	99
95) Naphthalene	15.23	128	183458	20.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71703	20.103	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000499.D

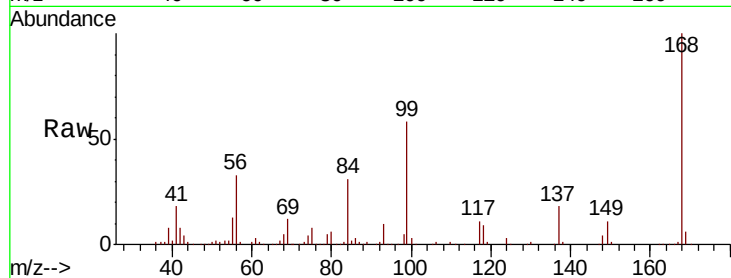
Acq: 31 Oct 2019 12:44

Tot Ion:168 Resp: 267285

Ion Ratio Lower Upper

168 100

99 58.4 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) (-)

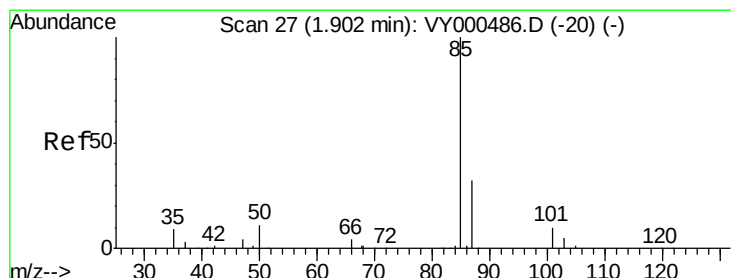
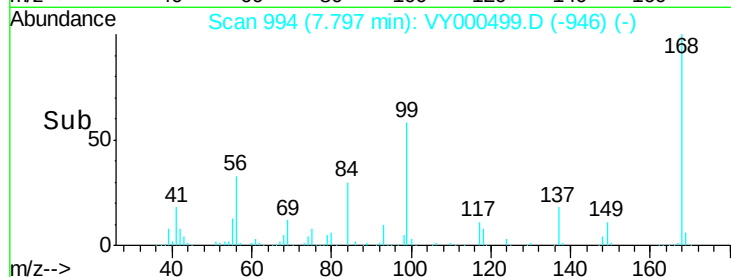
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.991 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000499.D

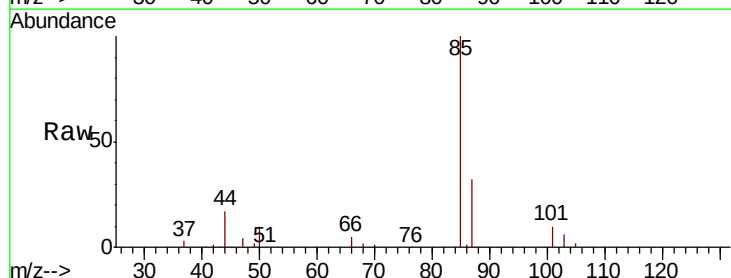
Acq: 31 Oct 2019 12:44

Tgt Ion: 85 Resp: 49969

Ion Ratio Lower Upper

85 100

87 31.9 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

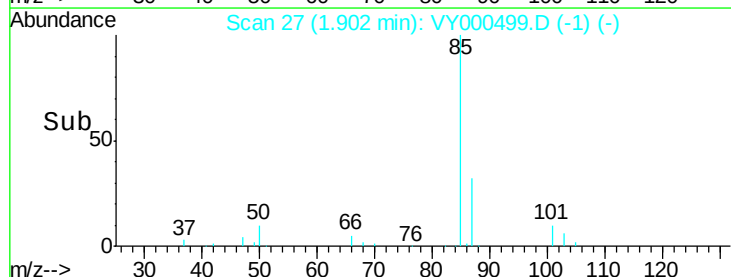
30000

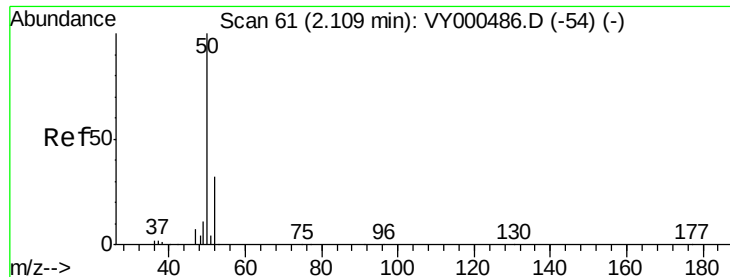
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.268 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000499.D

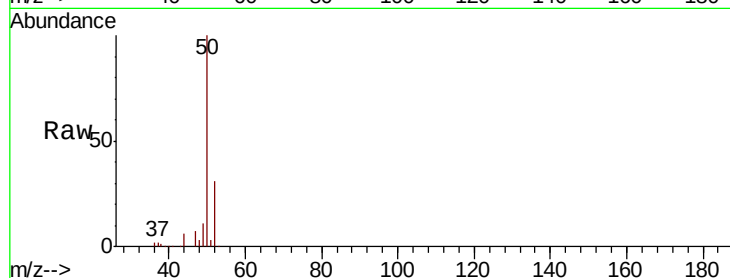
Acq: 31 Oct 2019 12:44

Tot Ion: 50 Resp: 73463

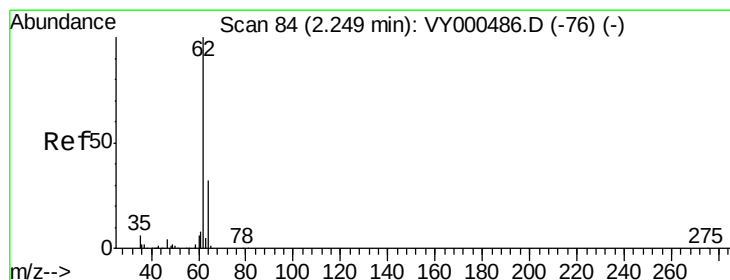
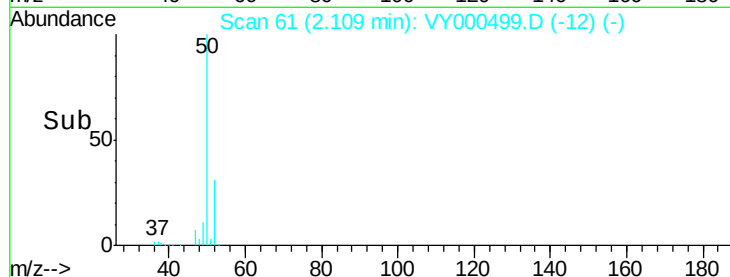
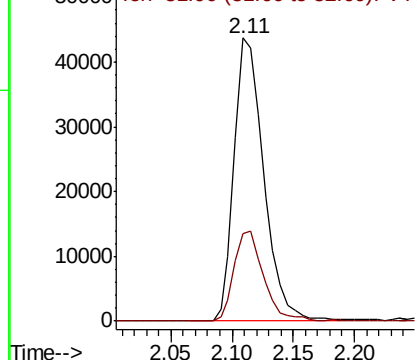
Ion Ratio Lower Upper

50 100

52 30.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.556 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000499.D

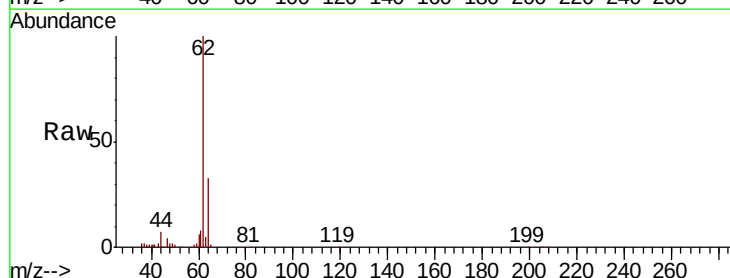
Acq: 31 Oct 2019 12:44

Tgt Ion: 62 Resp: 65821

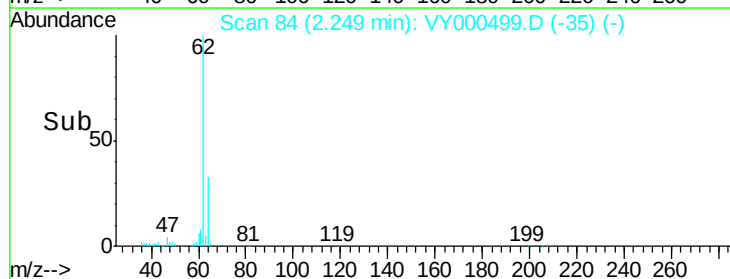
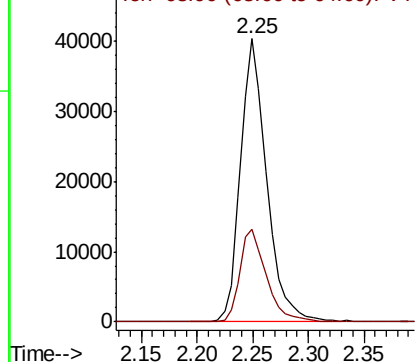
Ion Ratio Lower Upper

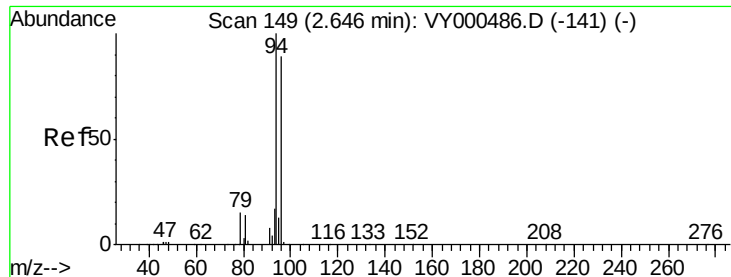
62 100

64 32.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.970 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000499.D

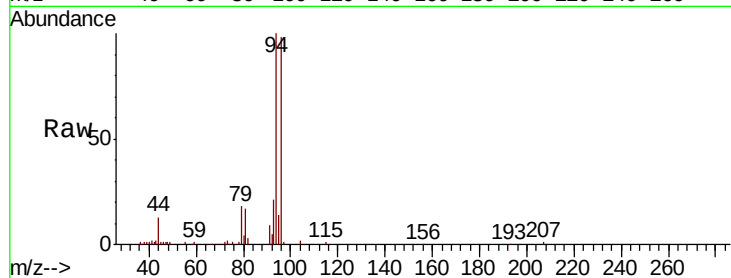
Acq: 31 Oct 2019 12:44

Tot Ion: 94 Resp: 40307

Ion Ratio Lower Upper

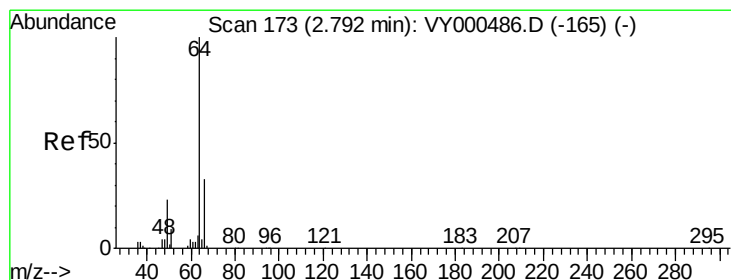
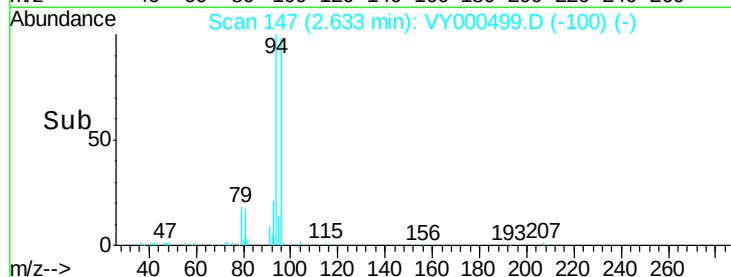
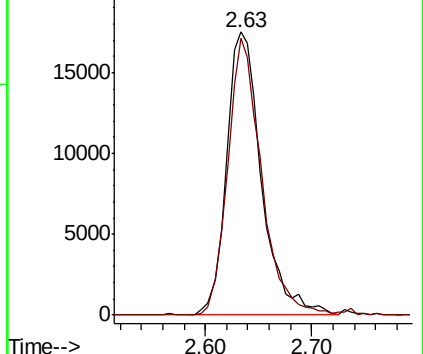
94 100

96 98.0 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.211 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000499.D

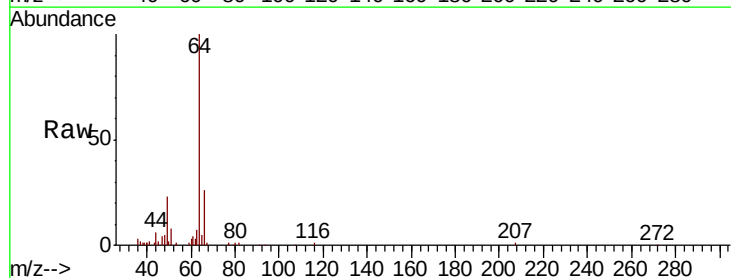
Acq: 31 Oct 2019 12:44

Tgt Ion: 64 Resp: 42576

Ion Ratio Lower Upper

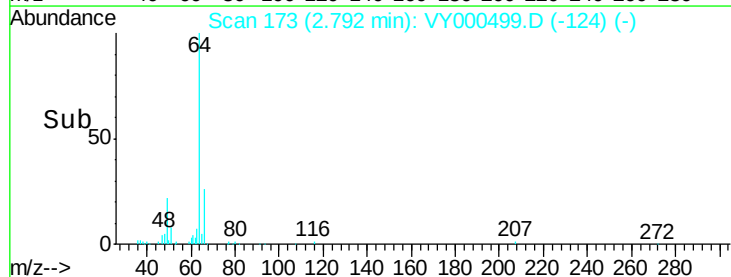
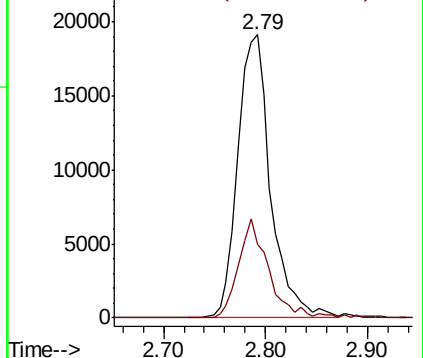
64 100

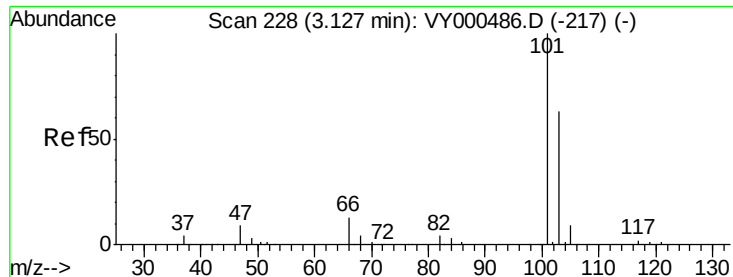
66 25.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

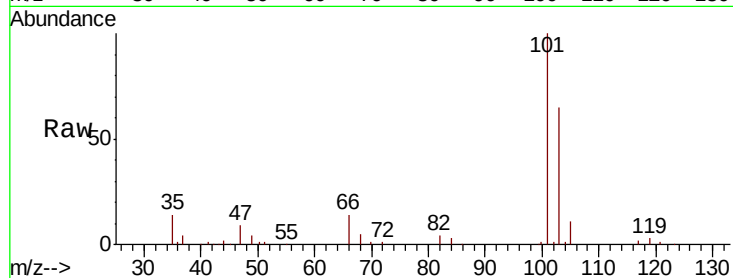




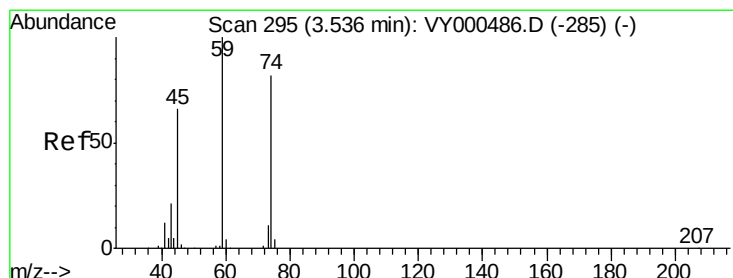
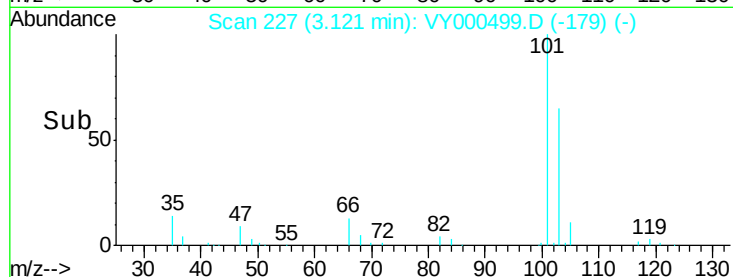
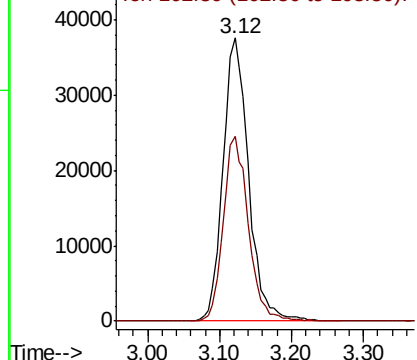
#7

Trichlorofluoromethane
Concen: 20.415 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tot Ion:101 Resp: 92795
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7



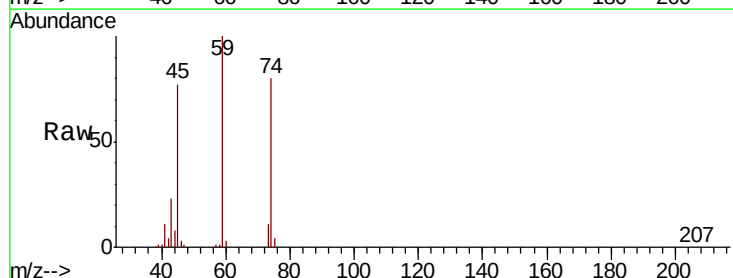
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



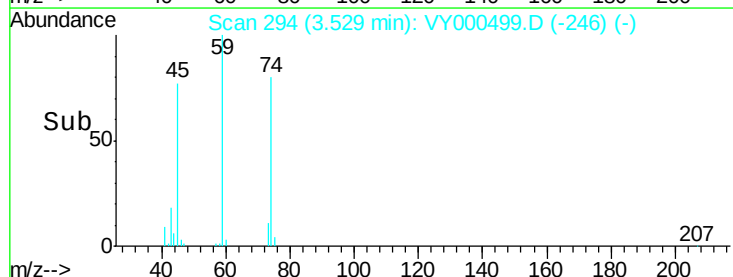
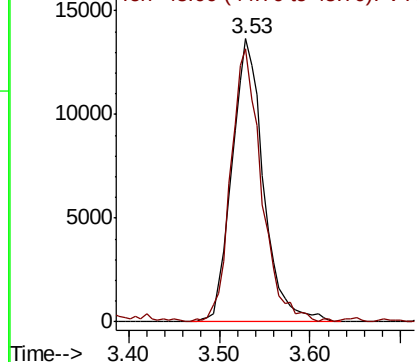
#8

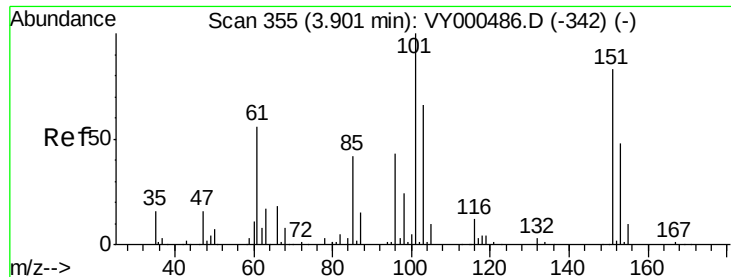
Diethyl Ether
Concen: 20.447 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion: 74 Resp: 33025
Ion Ratio Lower Upper
74 100
45 93.6 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: 19.802 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

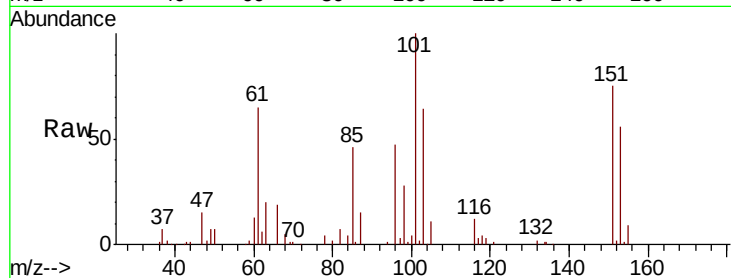
Tot Ion:101 Resp: 54418

Ion Ratio Lower Upper

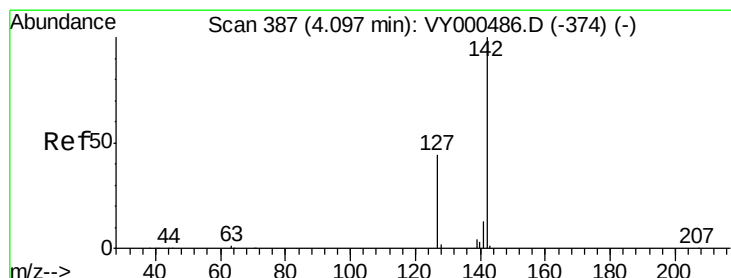
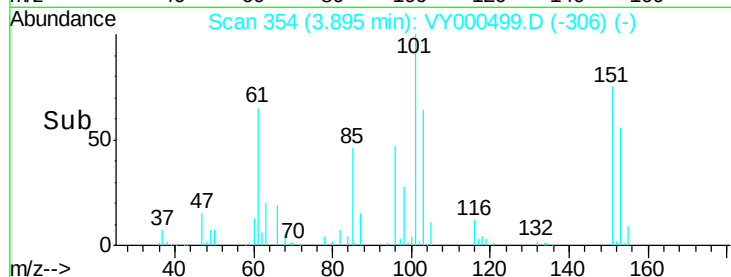
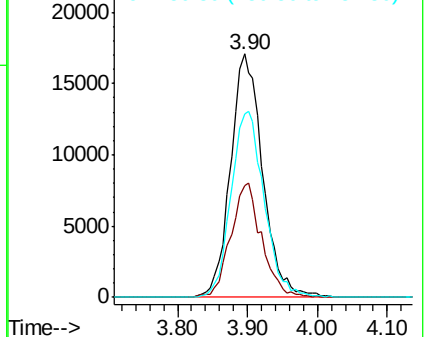
101 100

85 45.3 36.7 55.1

151 78.6 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: 20.662 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

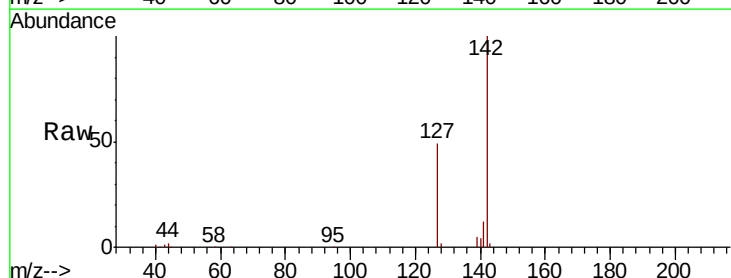
Tgt Ion:142 Resp: 67485

Ion Ratio Lower Upper

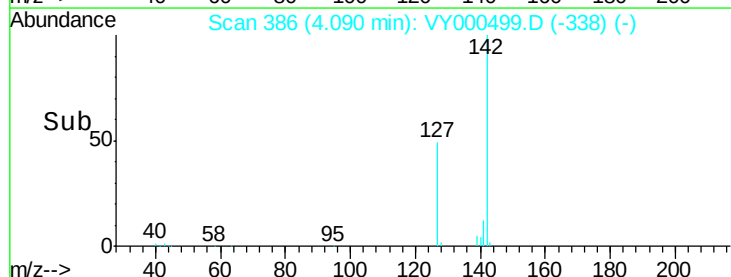
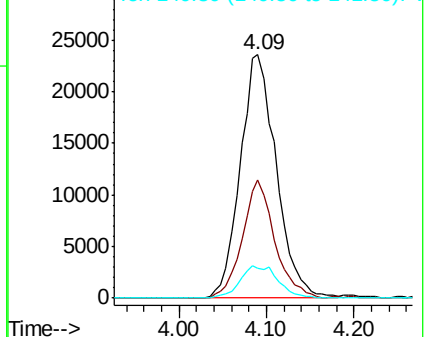
142 100

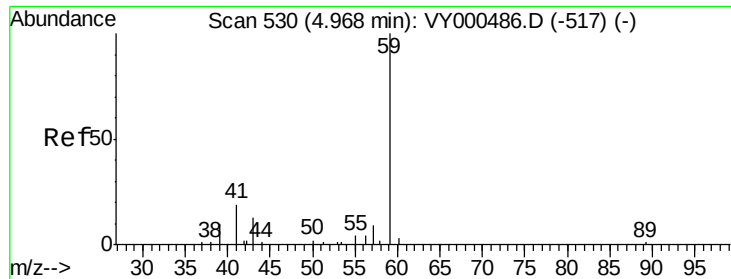
127 43.5 33.7 50.5

141 14.1 10.9 16.3



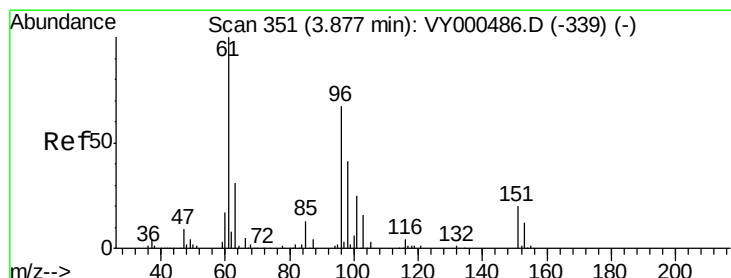
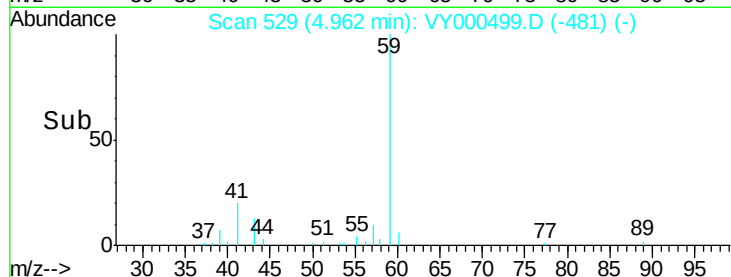
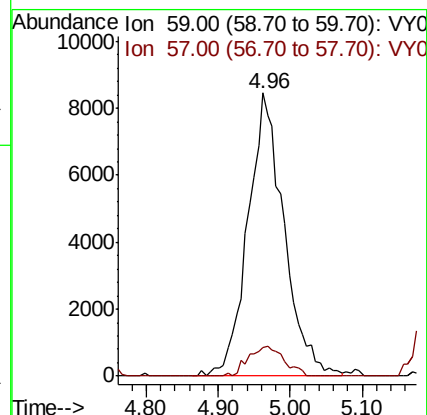
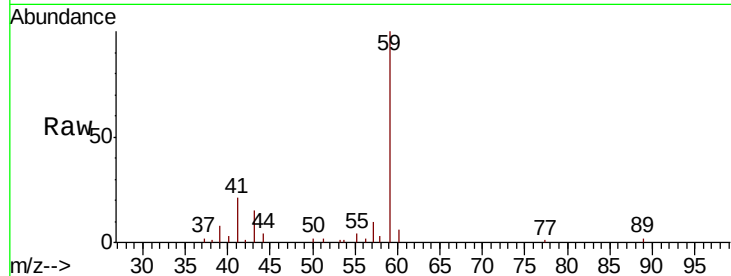
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





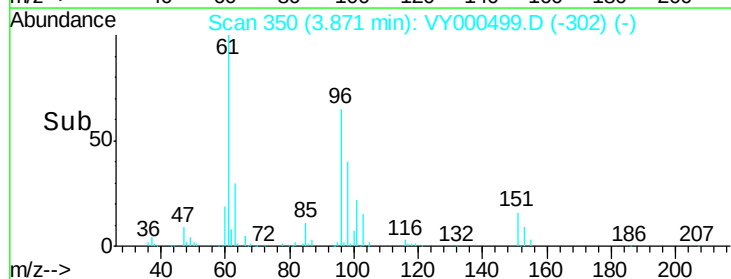
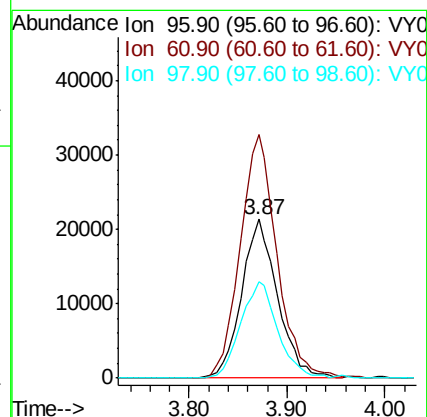
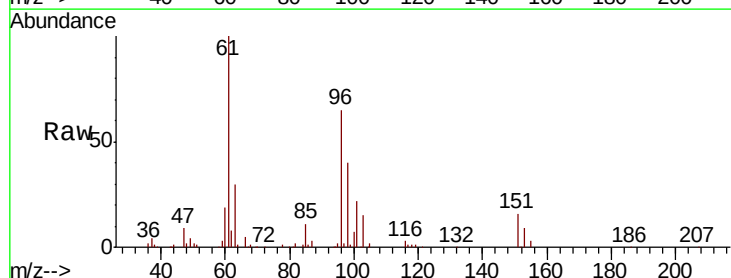
#11
Tert butyl alcohol
Concen: 109.438 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

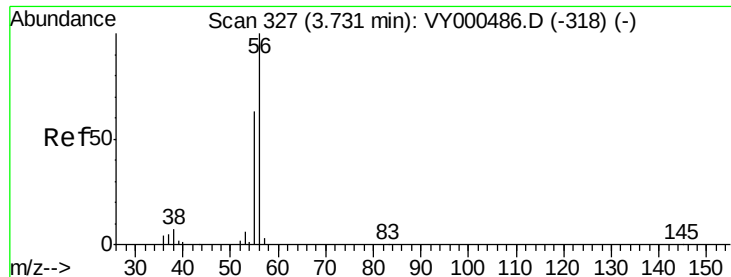
Tot Ion: 59 Resp: 29467
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.402 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion: 96 Resp: 54472
Ion Ratio Lower Upper
96 100
61 153.4 119.2 178.8
98 60.8 48.6 73.0





#13

Acrolein

Concen: 92.526 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000499.D

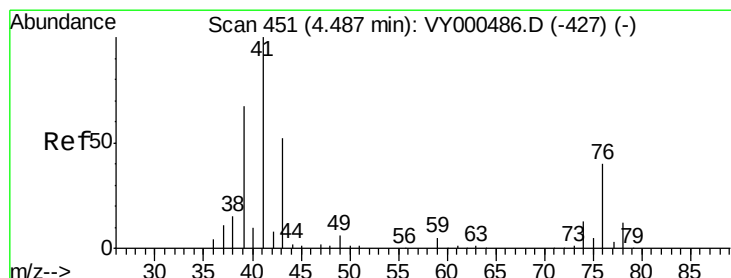
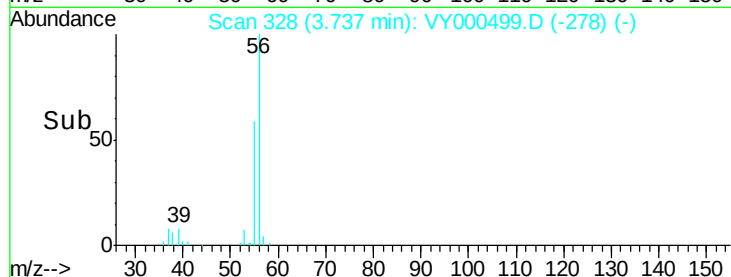
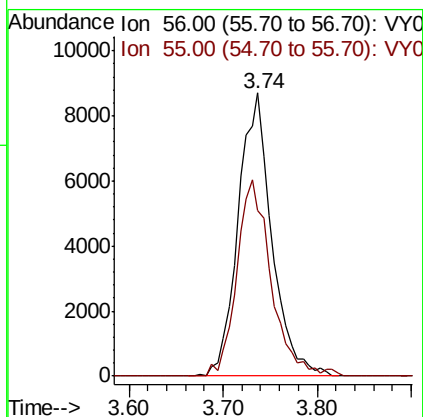
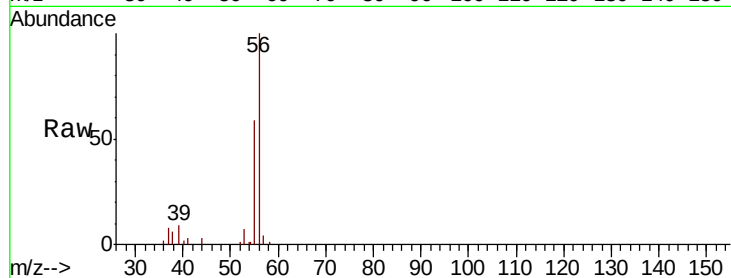
Acq: 31 Oct 2019 12:44

Tot Ion: 56 Resp: 21701

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.6



#14

Allyl chloride

Concen: 20.623 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

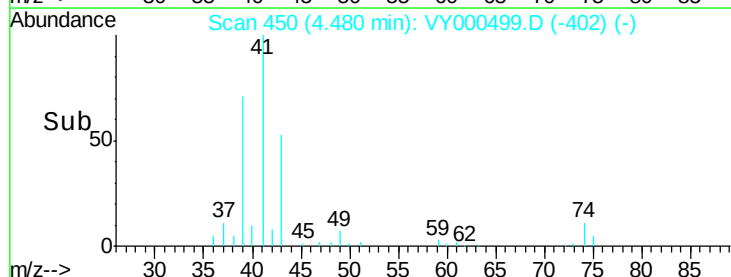
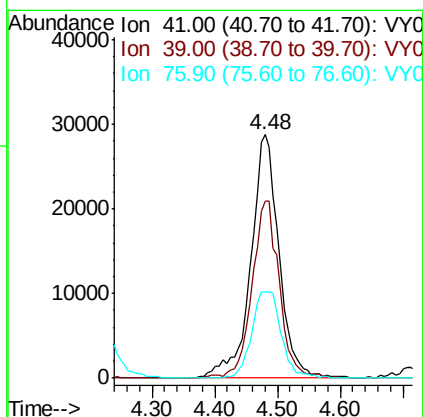
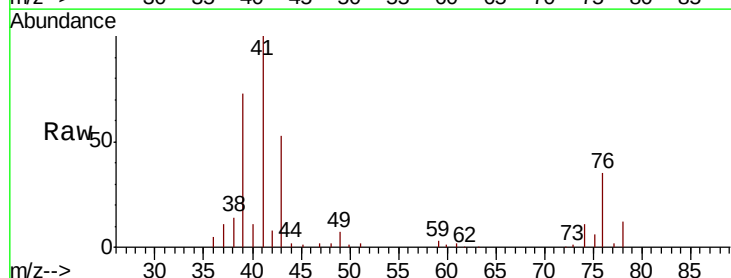
Tgt Ion: 41 Resp: 89531

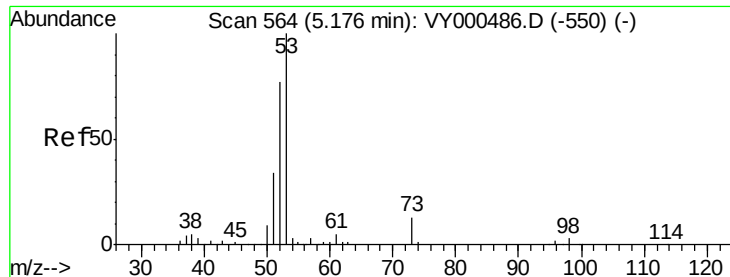
Ion Ratio Lower Upper

41 100

39 70.2 53.6 80.4

76 37.1 29.8 44.6





#15

Acrylonitrile

Concen: 104.503 ug/l

RT: 5.17 min Scan# 563

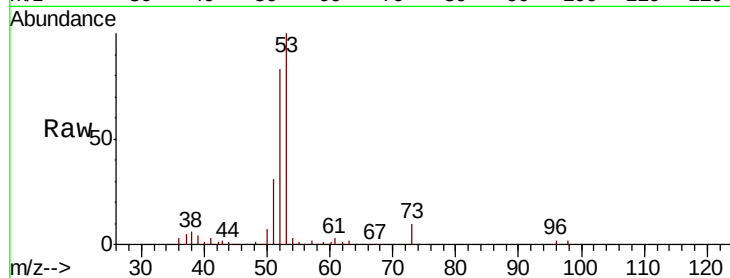
Delta R.T. -0.01 min

Lab File: VY000499.D

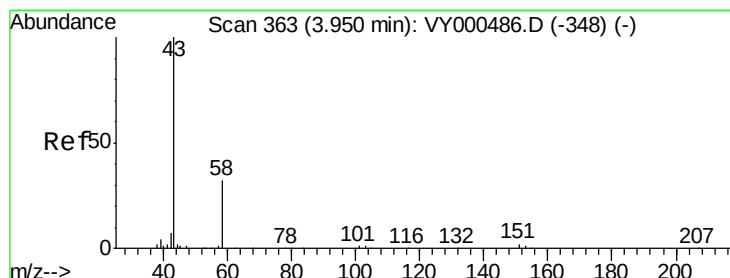
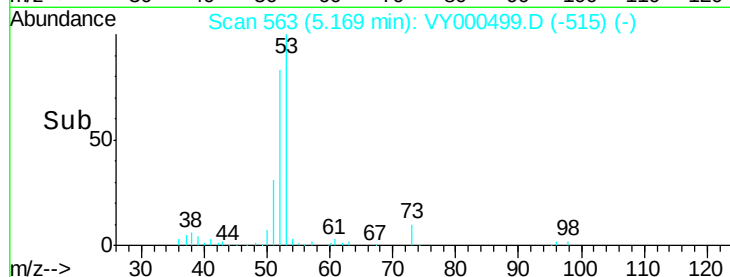
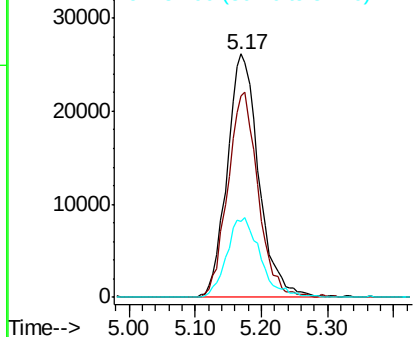
Acq: 31 Oct 2019 12:44

Tot Ion: 53 Resp: 86463

Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.9	97.3
51	34.7	27.6	41.4



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



#16

Acetone

Concen: 91.687 ug/l

RT: 3.95 min Scan# 363

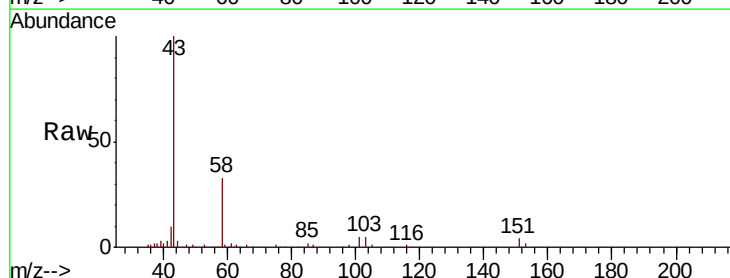
Delta R.T. -0.00 min

Lab File: VY000499.D

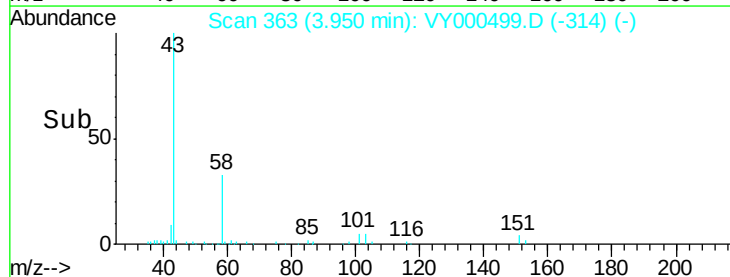
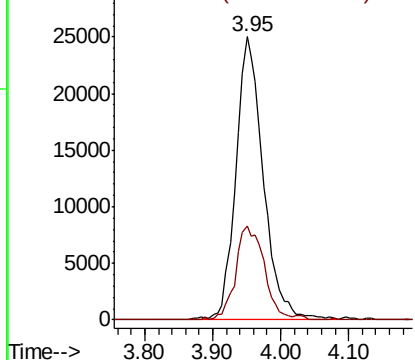
Acq: 31 Oct 2019 12:44

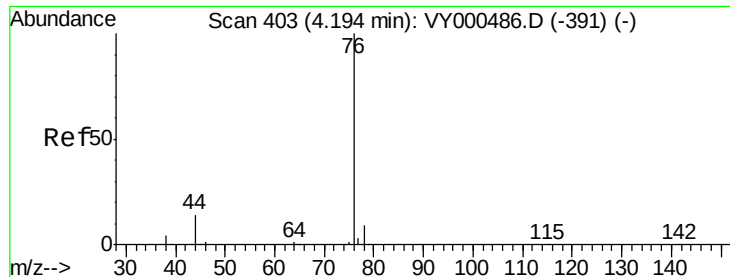
Tgt Ion: 43 Resp: 69898

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.8	38.6



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





#17

Carbon Disulfide

Concen: 20.258 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000499.D

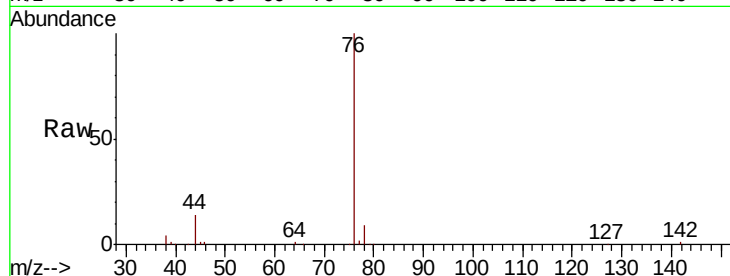
Acq: 31 Oct 2019 12:44

Tot Ion: 76 Resp: 170593

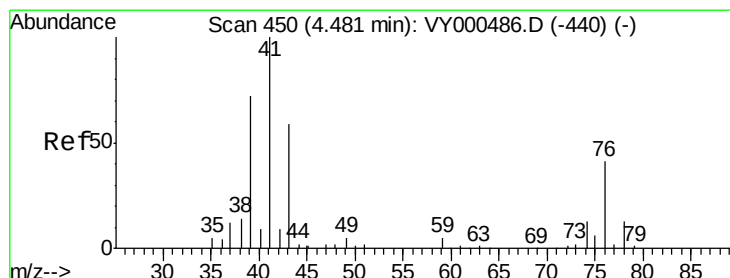
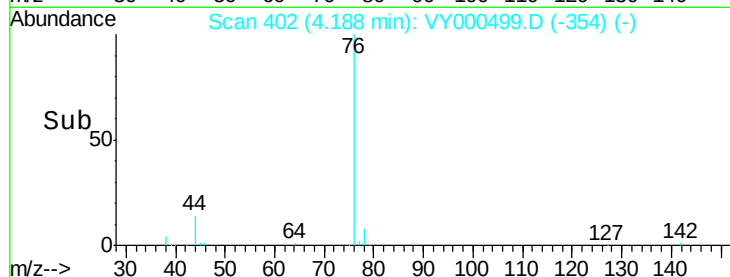
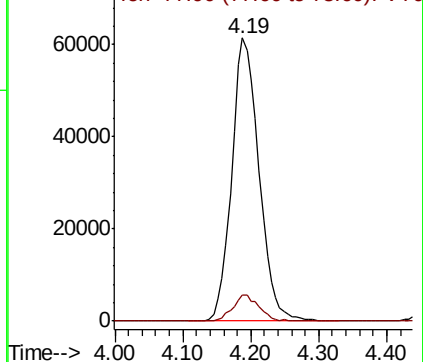
Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.476 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000499.D

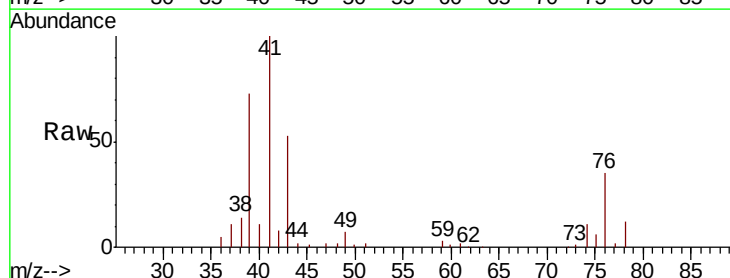
Acq: 31 Oct 2019 12:44

Tgt Ion: 43 Resp: 48536

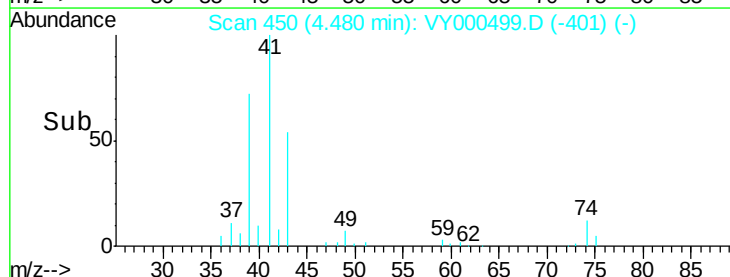
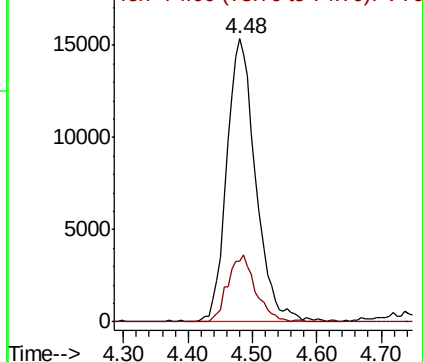
Ion Ratio Lower Upper

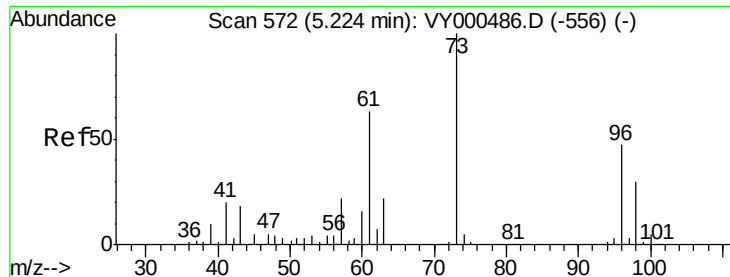
43 100

74 22.5 19.2 28.8



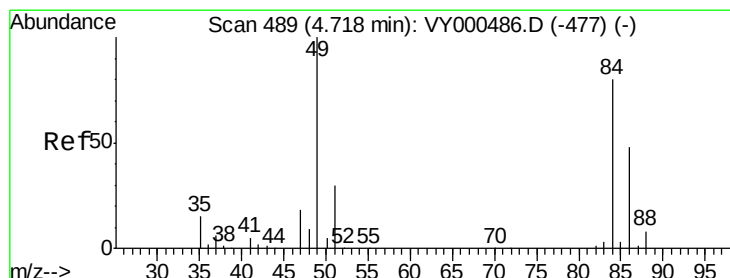
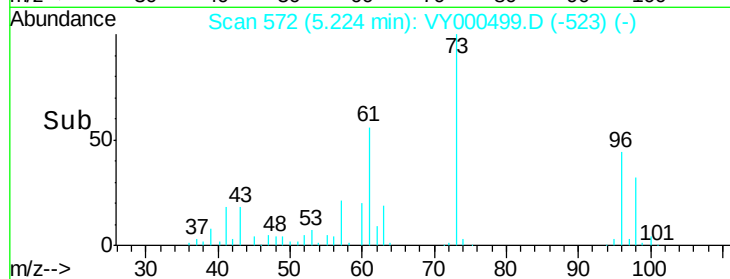
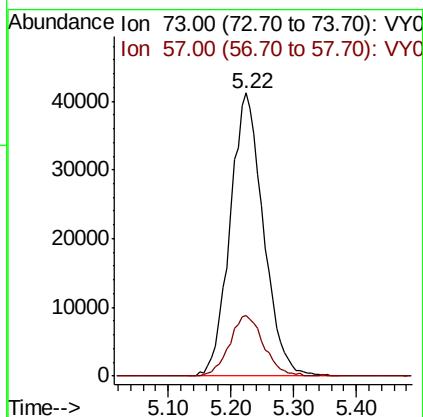
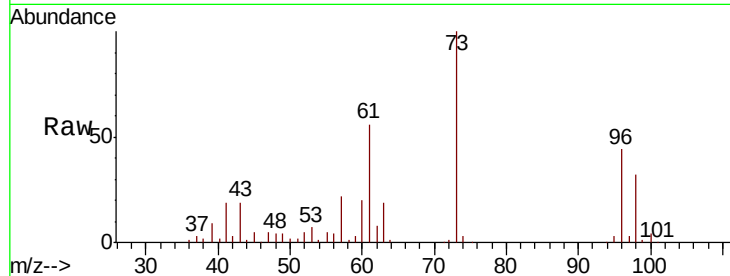
Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0





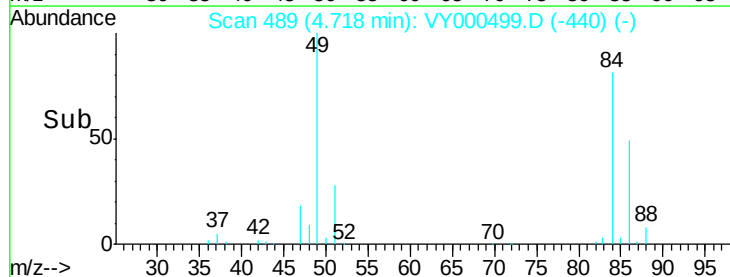
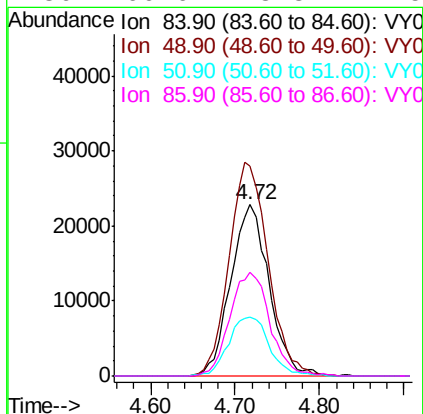
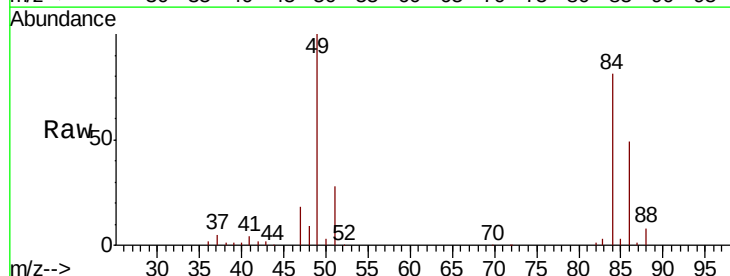
#19
Methyl tert-butyl Ether
Concen: 20.343 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

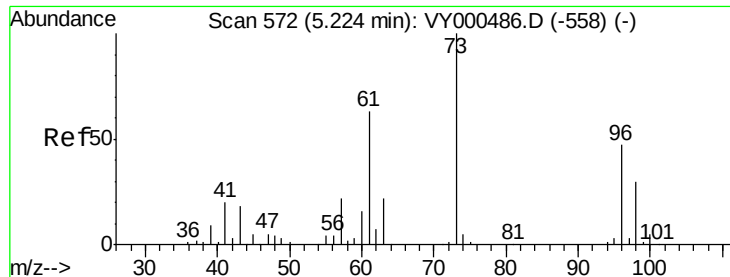
Tot Ion: 73 Resp: 151015
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 21.540 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion: 84 Resp: 70363
Ion Ratio Lower Upper
84 100
49 123.0 100.2 150.4
51 34.7 29.6 44.4
86 60.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 19.505 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

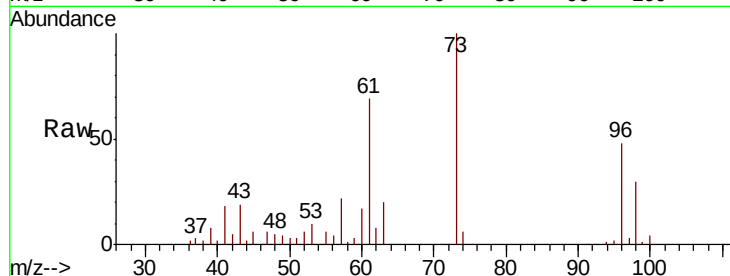
Tot Ion: 96 Resp: 58875

Ion Ratio Lower Upper

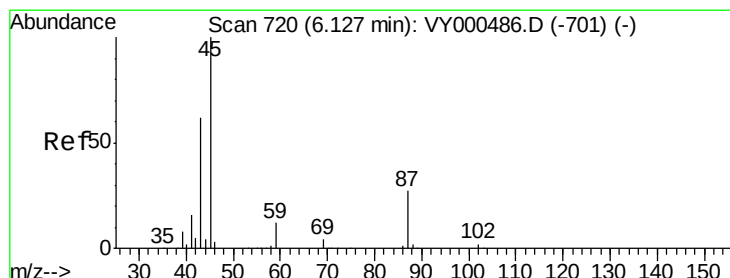
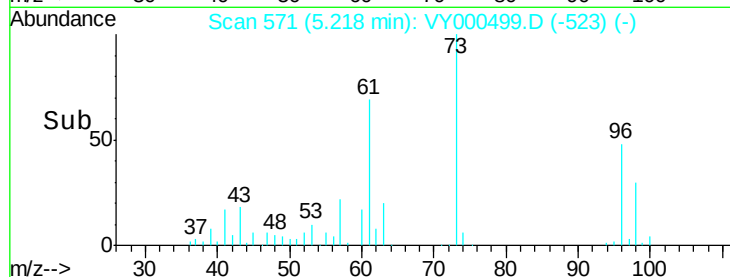
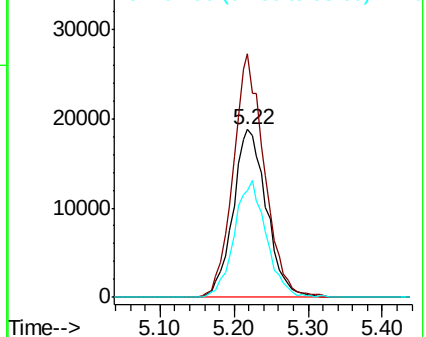
96 100

61 145.3 106.6 160.0

98 63.8 50.6 76.0



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



#22

Diisopropyl ether

Concen: 19.869 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tgt Ion: 45 Resp: 187490

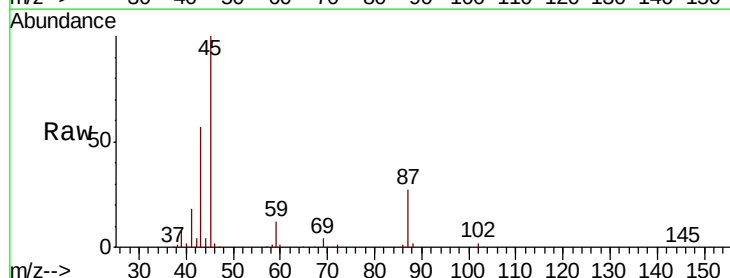
Ion Ratio Lower Upper

45 100

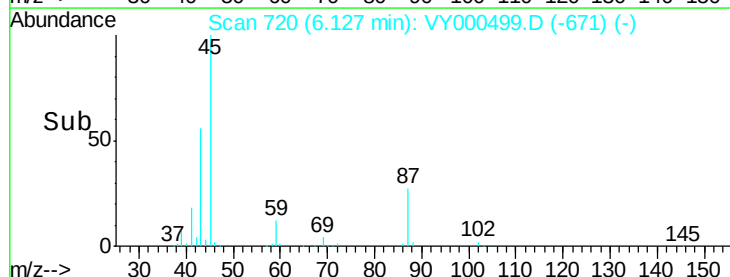
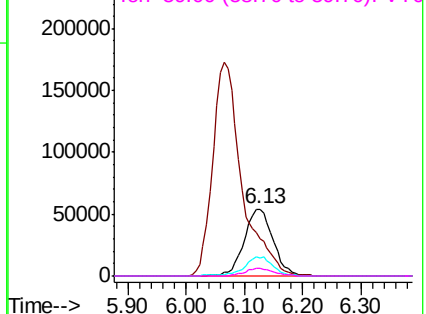
43 56.4 50.0 75.0

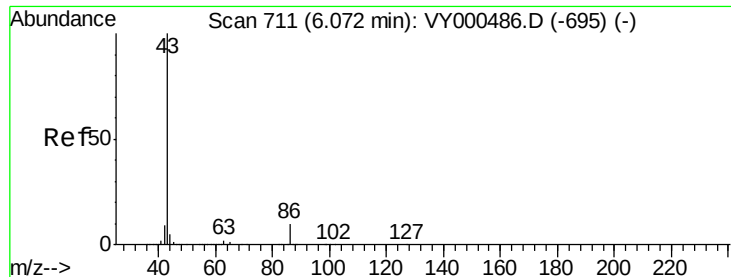
87 26.7 21.6 32.4

59 12.1 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 101.044 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000499.D

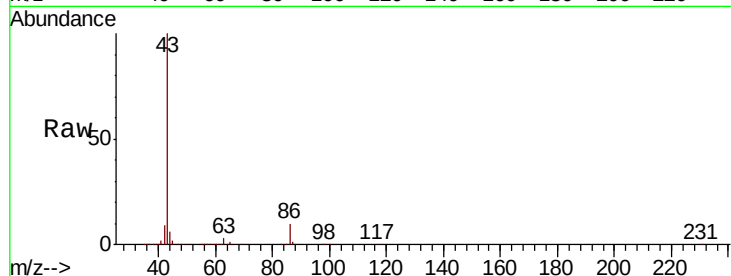
Acq: 31 Oct 2019 12:44

Tot Ion: 43 Resp: 601879

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

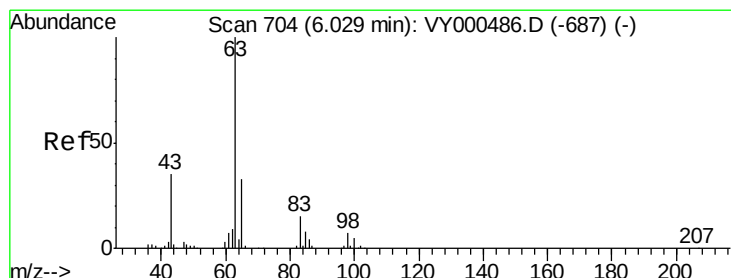
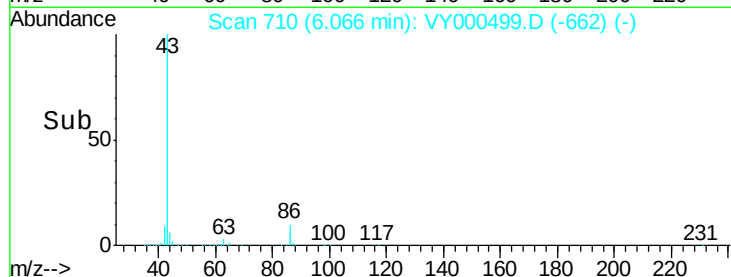
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.135 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

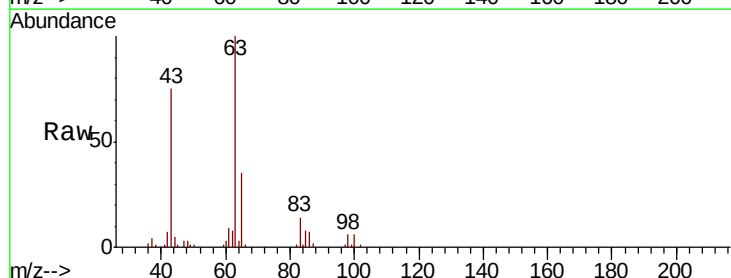
Tgt Ion: 63 Resp: 102930

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 5.5 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

6.03

40000

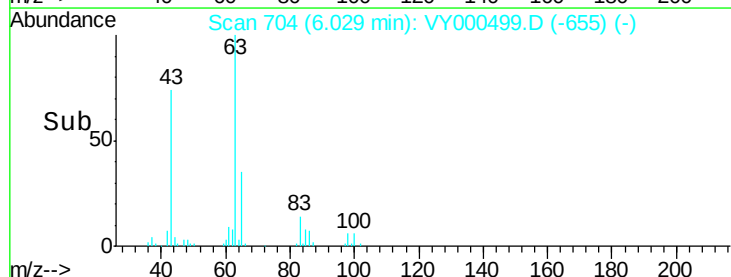
30000

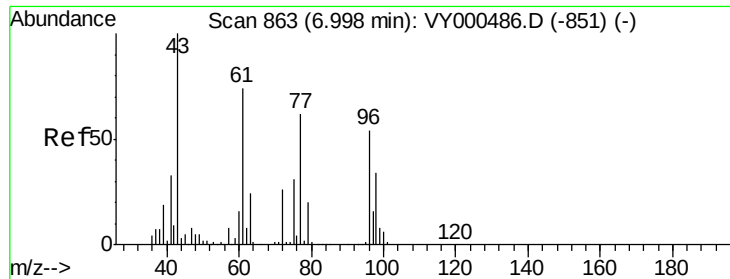
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.498 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000499.D

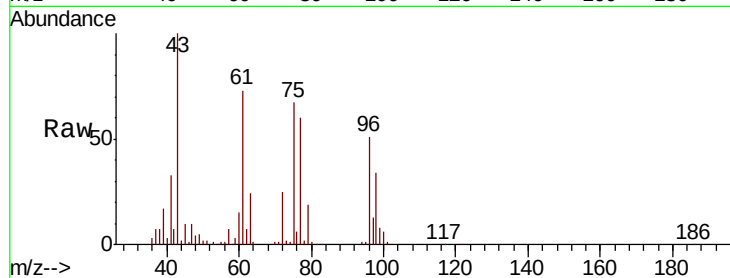
Acq: 31 Oct 2019 12:44

Tot Ion: 43 Resp: 119839

Ion Ratio Lower Upper

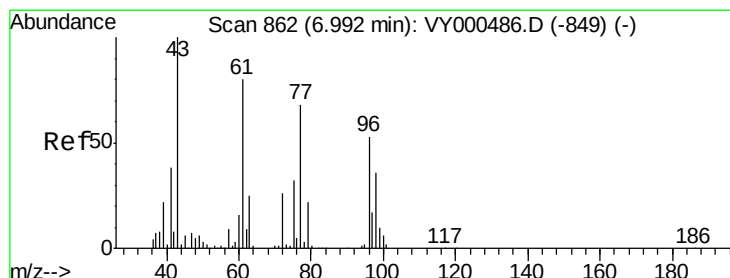
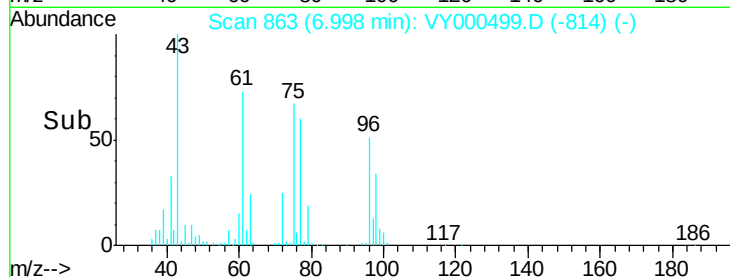
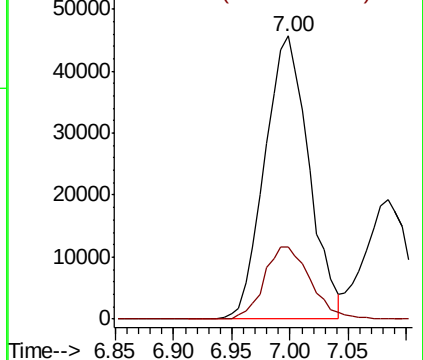
43 100

72 25.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 19.961 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000499.D

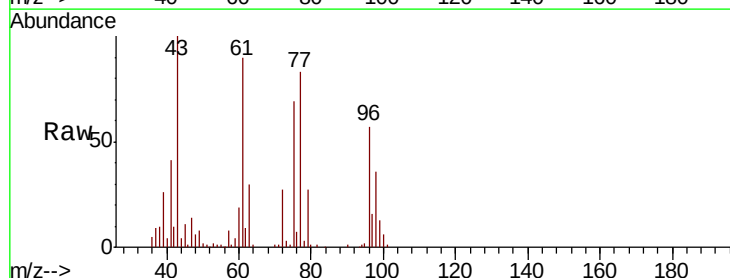
Acq: 31 Oct 2019 12:44

Tgt Ion: 77 Resp: 93251

Ion Ratio Lower Upper

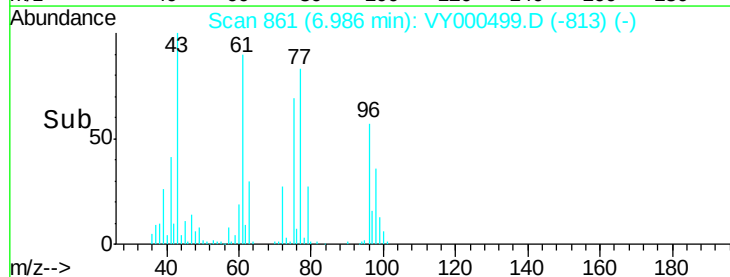
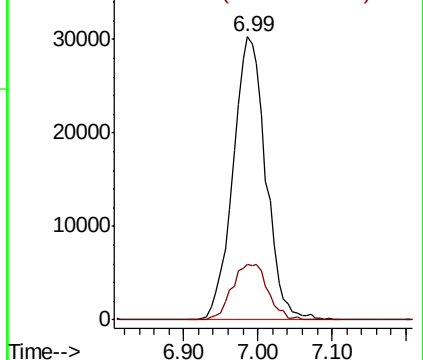
77 100

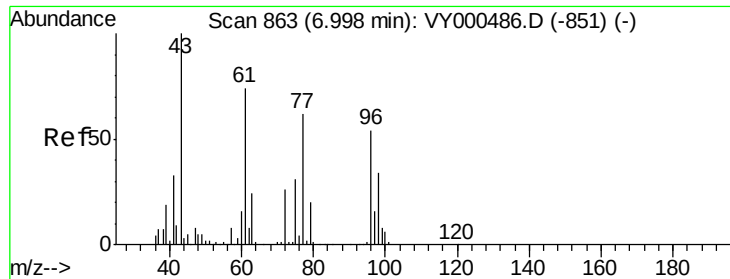
97 21.6 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

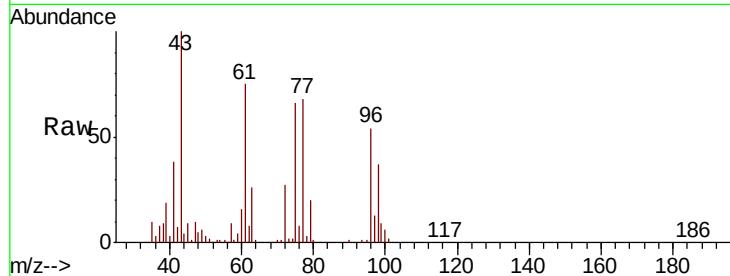




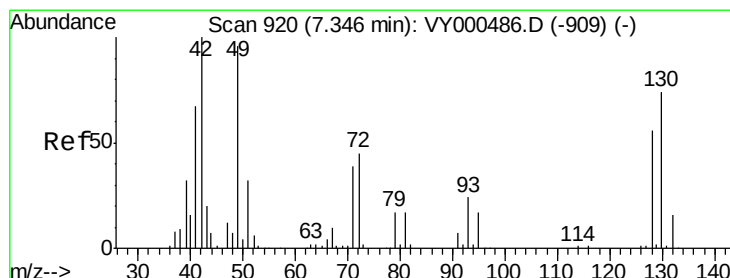
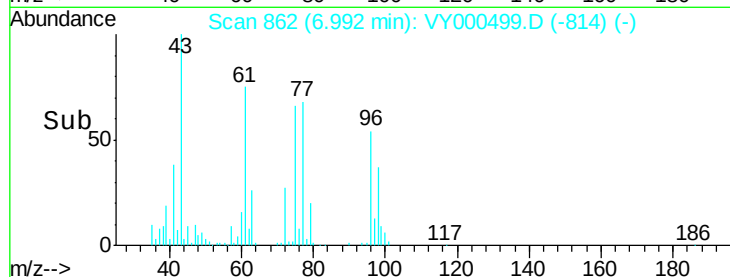
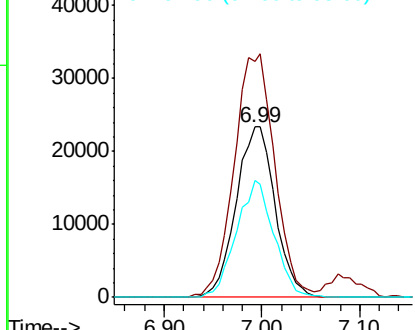
#27

cis-1,2-Dichloroethene
 Concen: 19.589 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	287.0
98	66.1	0.0	129.4



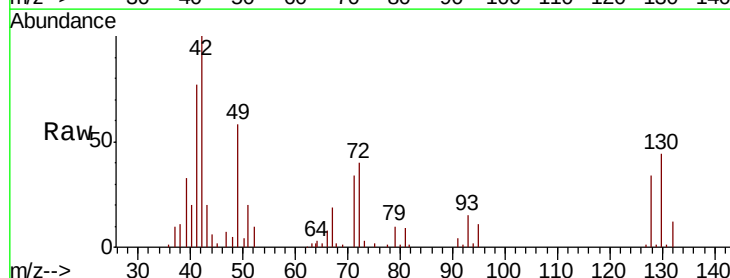
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



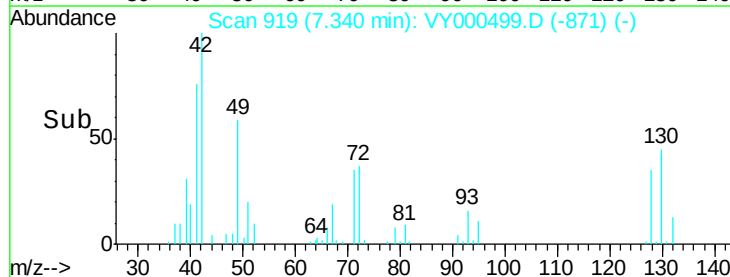
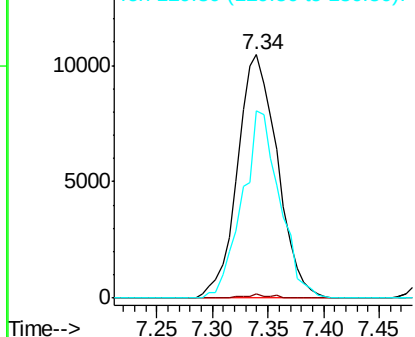
#28

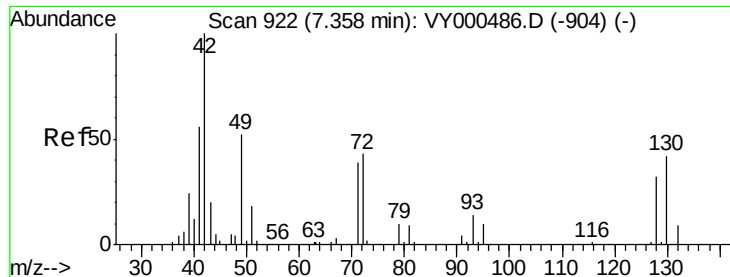
Bromochloromethane
 Concen: 14.375 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.6
130	71.8	59.4	89.0



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





#29

Tetrahydrofuran

Concen: 101.581 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

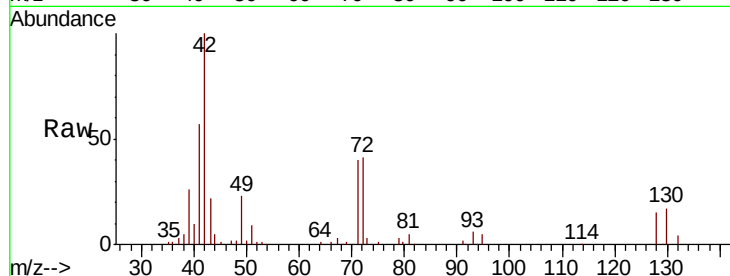
Tot Ion: 42 Resp: 75608

Ion Ratio Lower Upper

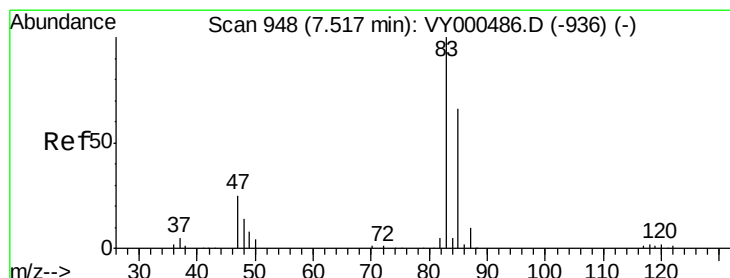
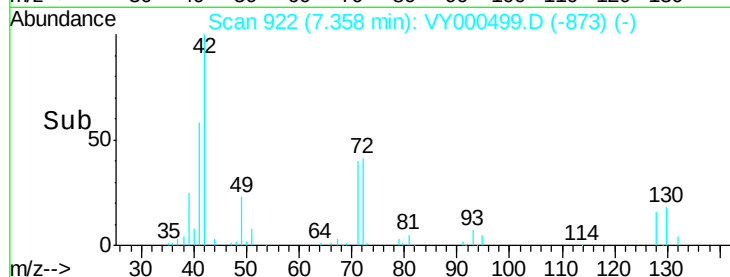
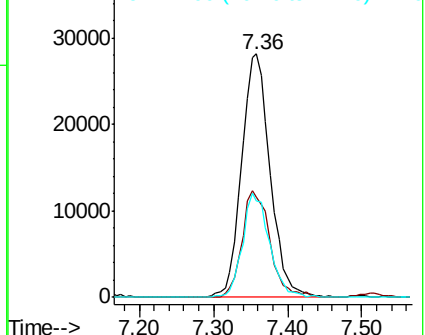
42 100

72 42.9 34.0 51.0

71 40.3 30.8 46.2



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



#30

Chloroform

Concen: 19.683 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000499.D

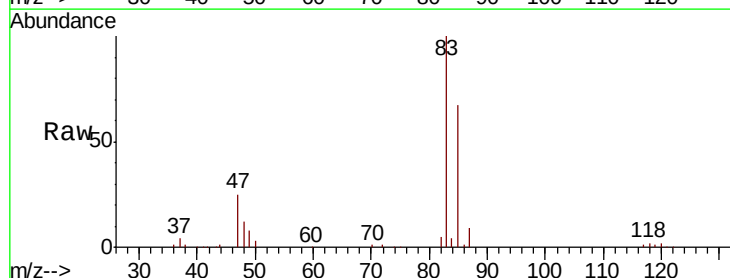
Acq: 31 Oct 2019 12:44

Tgt Ion: 83 Resp: 101785

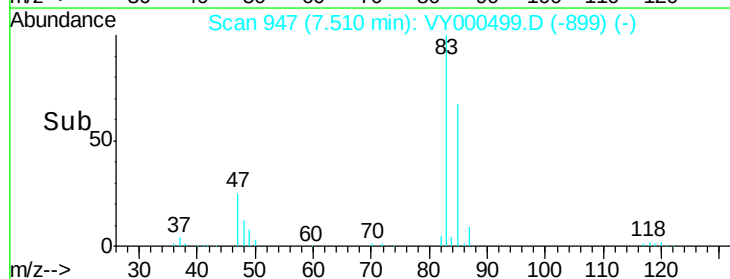
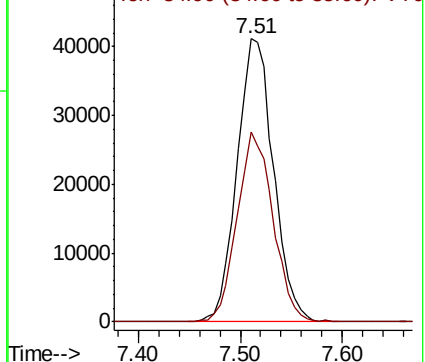
Ion Ratio Lower Upper

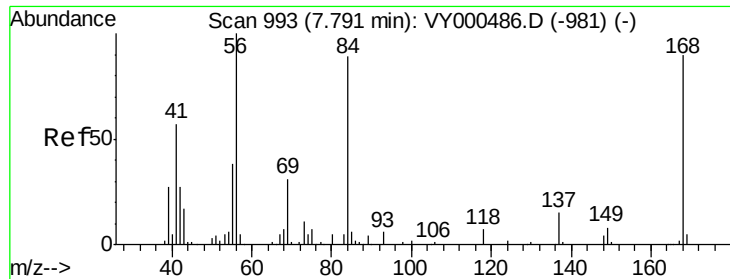
83 100

85 67.0 53.0 79.4



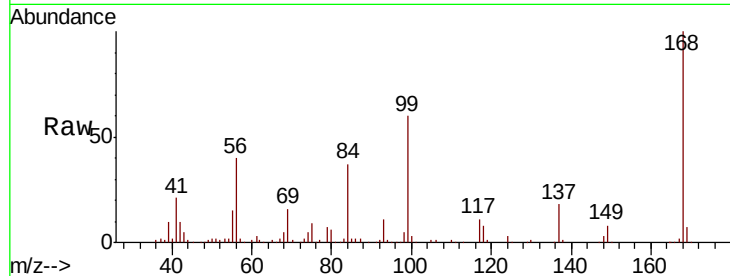
Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0



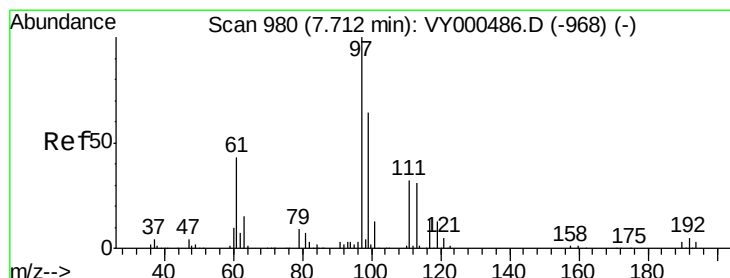
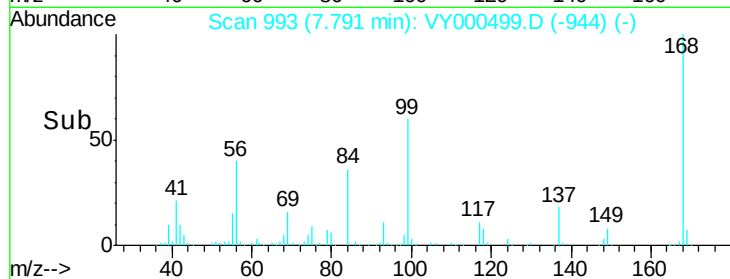
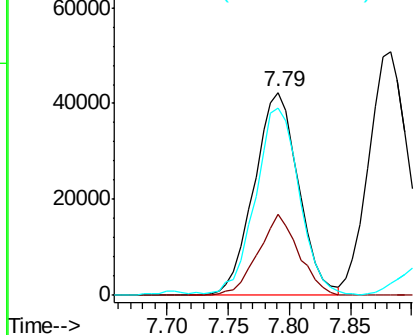


#31
Cyclohexane
Concen: 19.994 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tot Ion: 56 Resp: 107050
Ion Ratio Lower Upper
56 100
69 39.8 25.0 37.6#
84 91.1 71.4 107.2

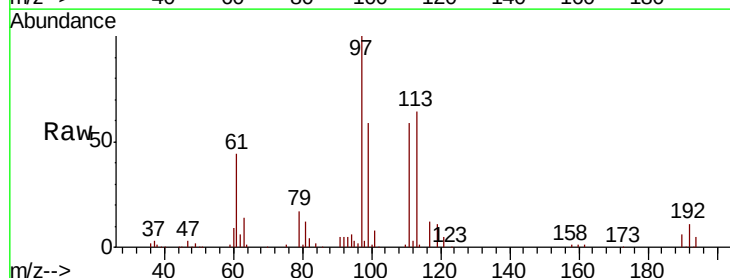


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

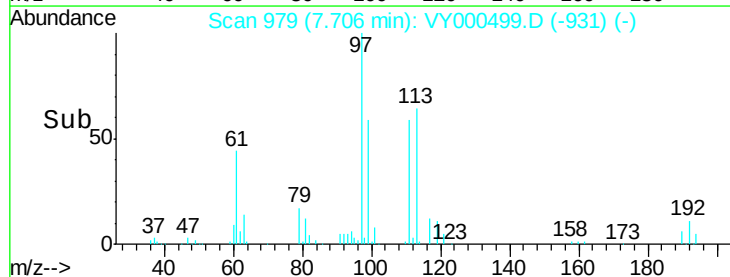
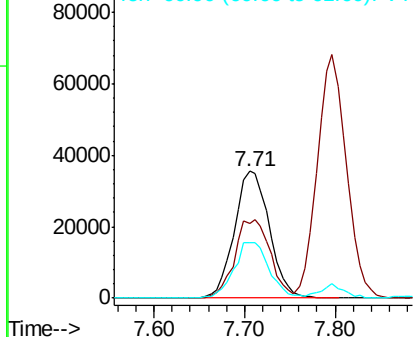


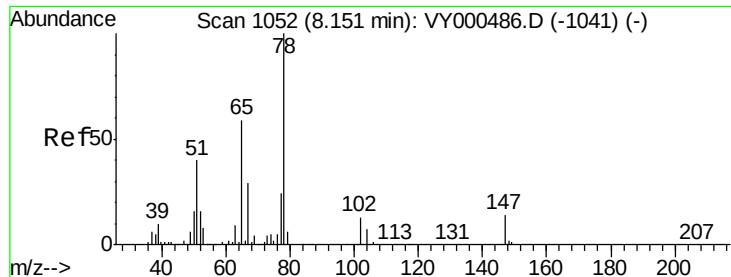
#32
1,1,1-Trichloroethane
Concen: 20.554 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion: 97 Resp: 94732
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 44.2 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: 50.735 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000499.D

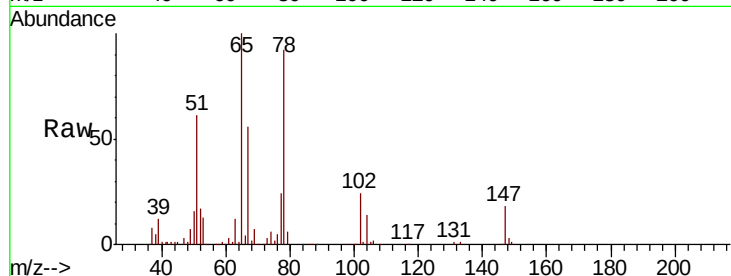
Acq: 31 Oct 2019 12:44

Tot Ion: 65 Resp: 140336

Ion Ratio Lower Upper

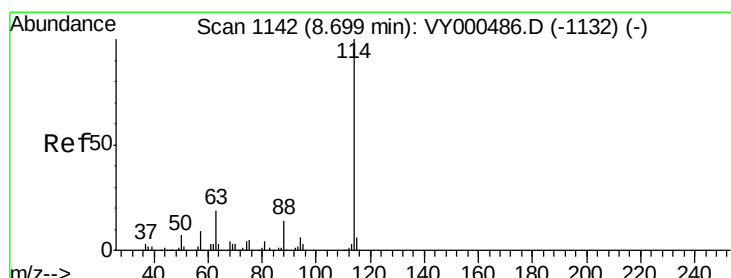
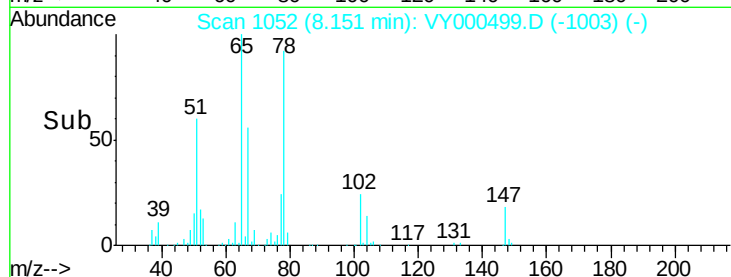
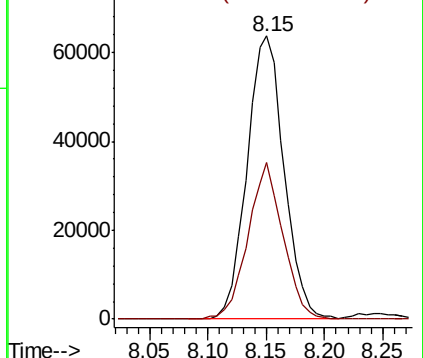
65 100

67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

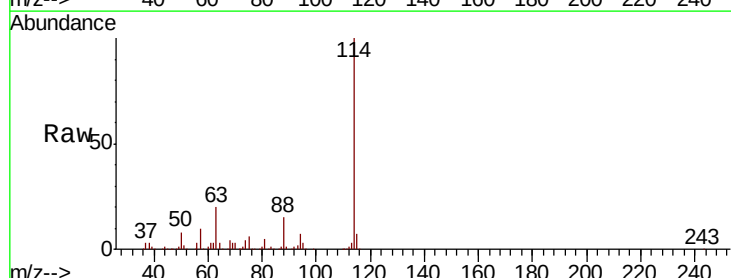
Tgt Ion: 114 Resp: 443469

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

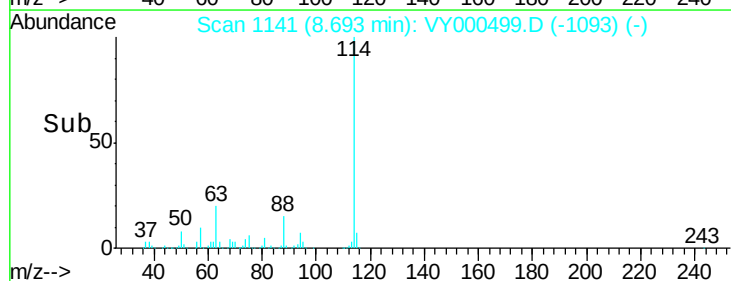
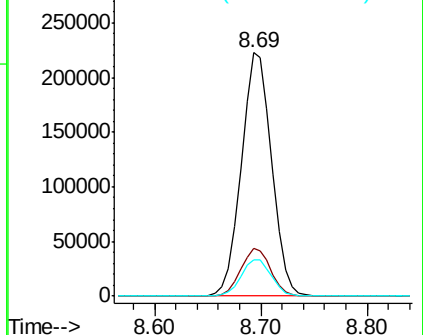
88 14.6 0.0 28.6

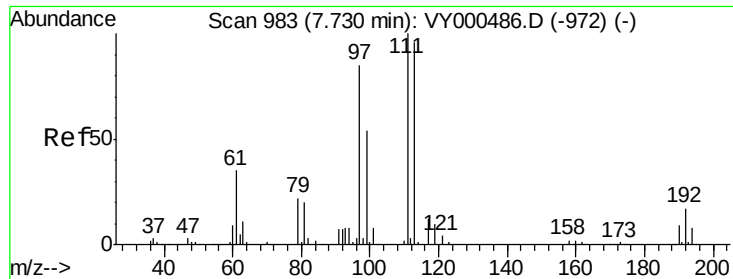


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

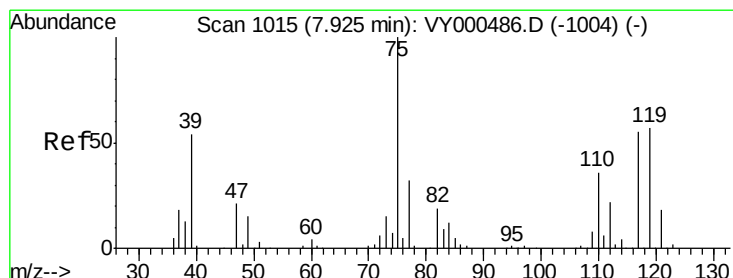
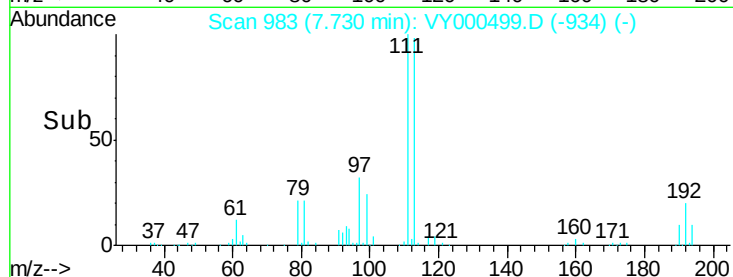
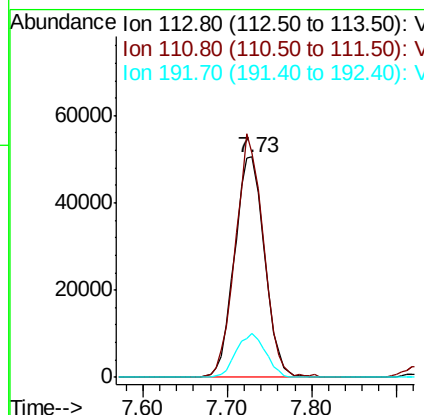
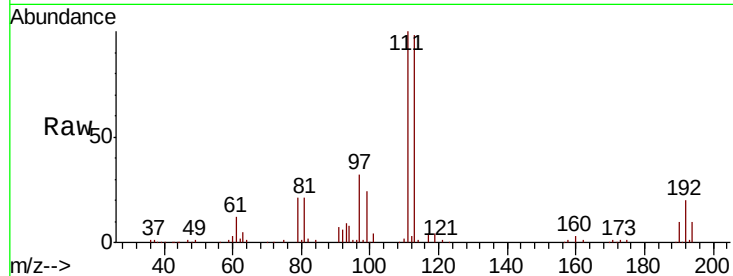
Ion 87.90 (87.60 to 88.60): VY0





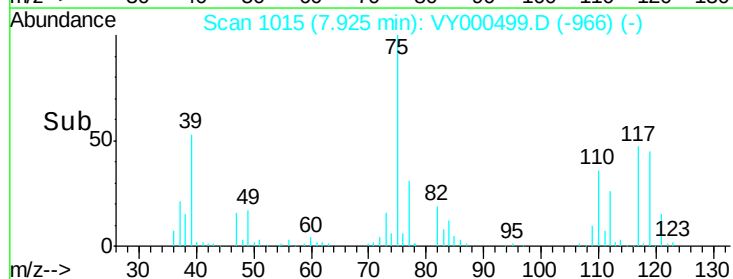
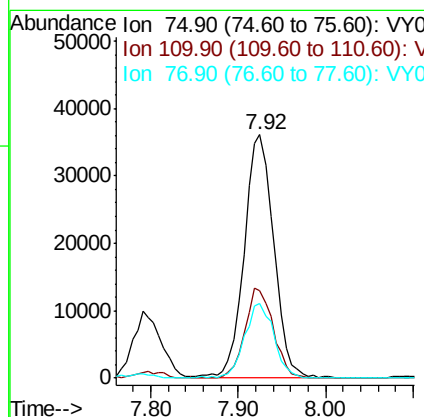
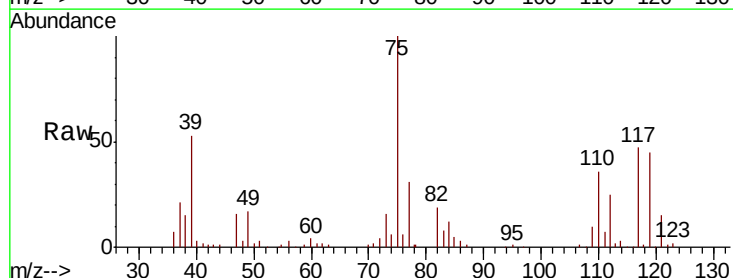
#35
 Dibromofluoromethane
 Concen: 46.862 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

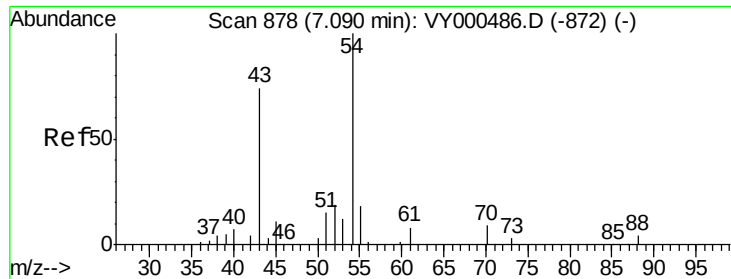
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	19.6	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 20.060 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

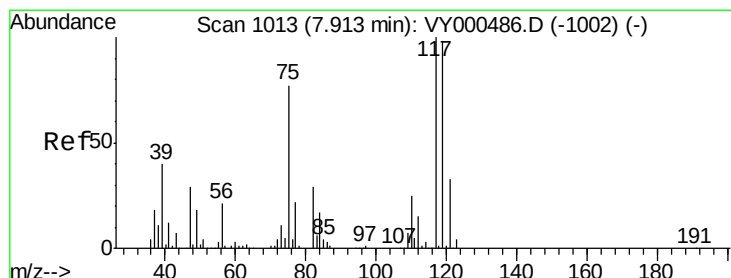
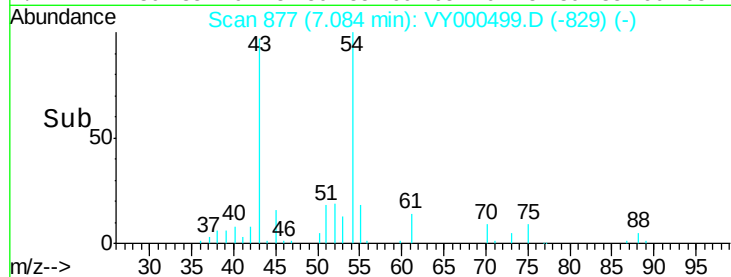
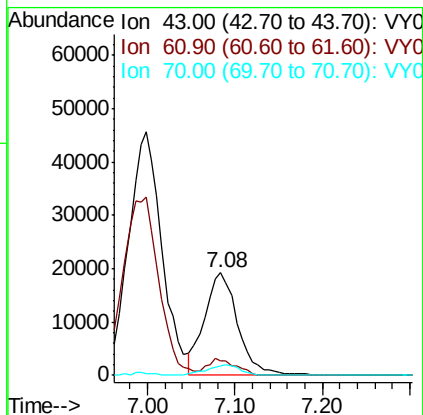
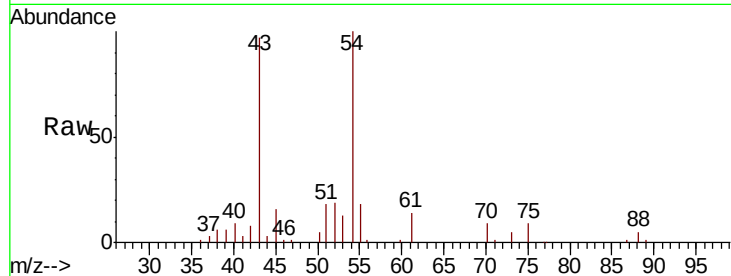
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.7	25.0	37.6





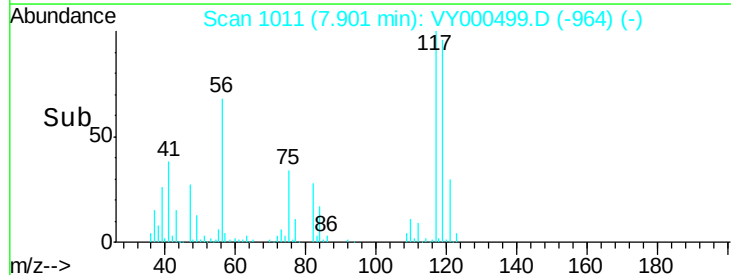
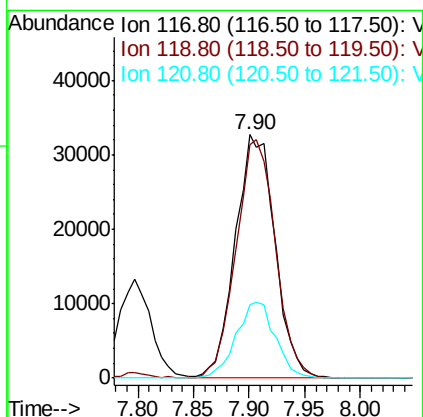
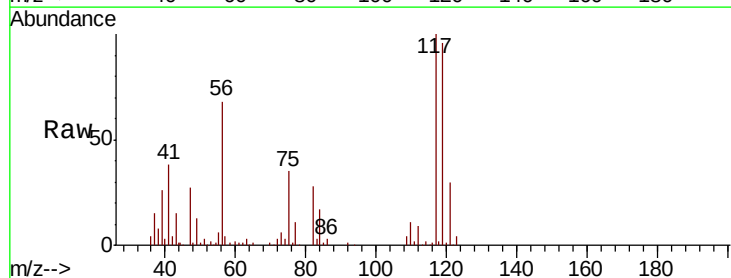
#37
Ethyl Acetate
Concen: 20.508 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

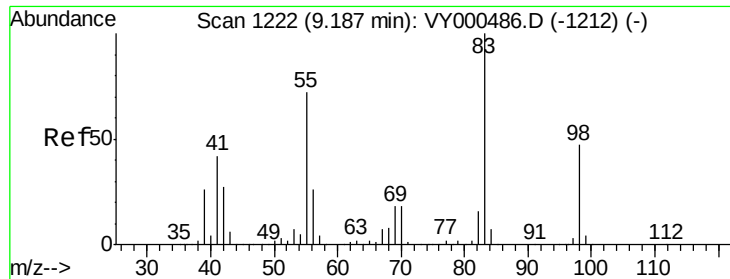
Tot Ion: 43 Resp: 51045
Ion Ratio Lower Upper
43 100
61 14.3 10.2 15.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.135 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

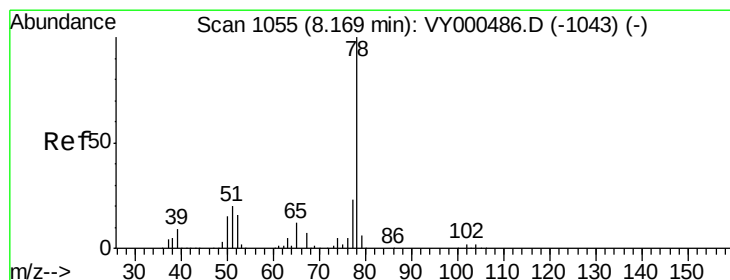
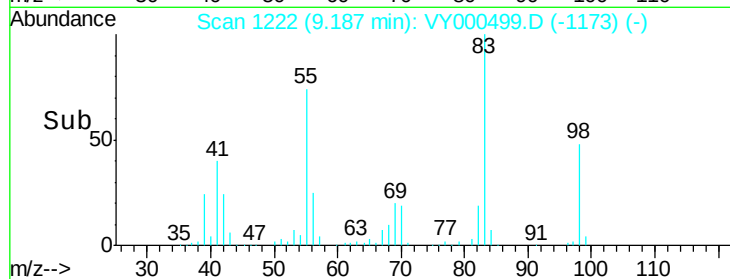
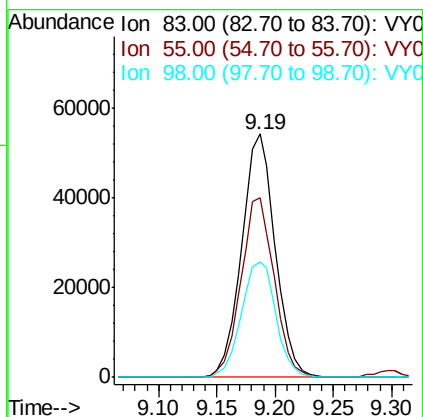
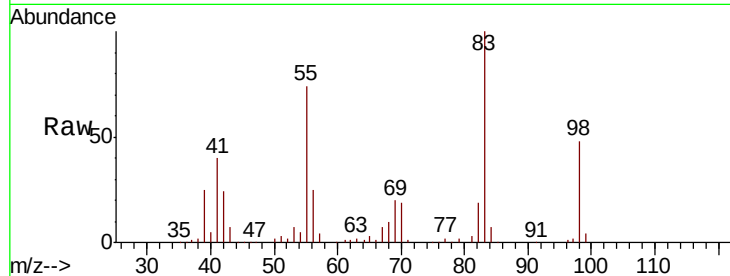
Tgt Ion: 117 Resp: 81223
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 30.1 26.6 40.0





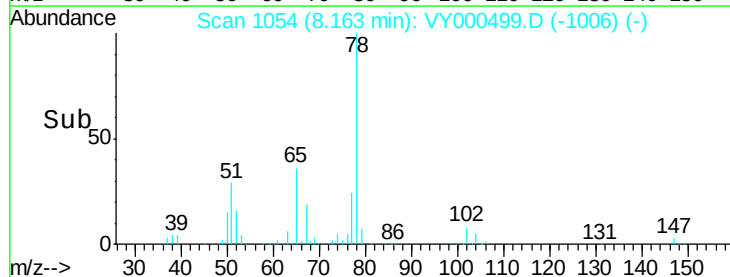
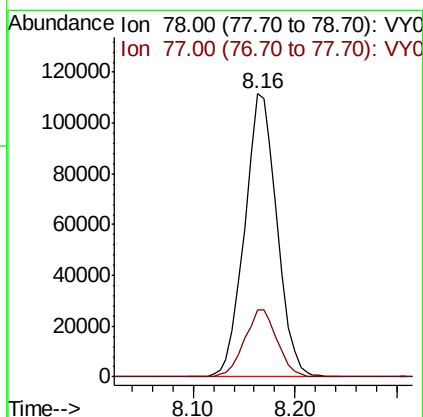
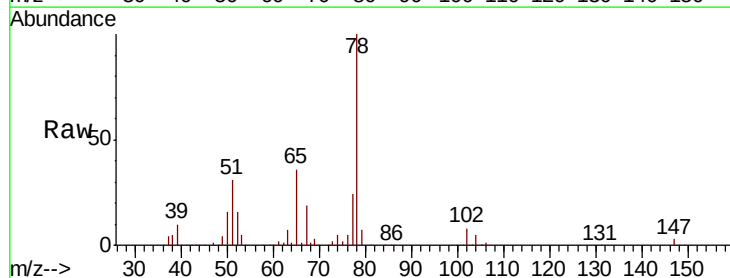
#39
Methylvlcyclohexane
Concen: 20.054 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

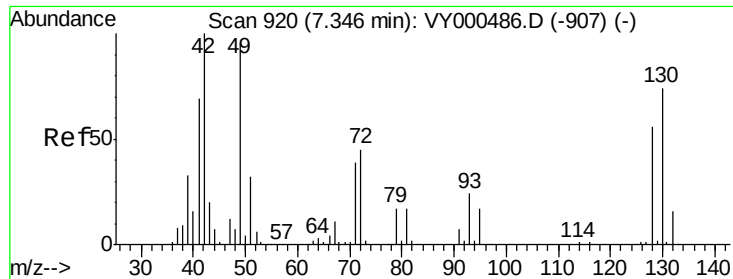
Tot Ion	83.00	Resp	108616
Ion	Ratio	Lower	Upper
83	100		
55	73.6	57.5	86.3
98	47.6	38.0	57.0



#40
Benzene
Concen: 19.977 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion	78.00	Resp	245536
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





#41

Methacrylonitrile

Concen: 48.018 ug/l

RT: 7.36 min Scan# 922

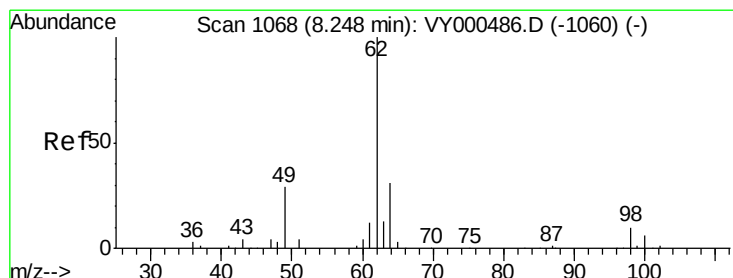
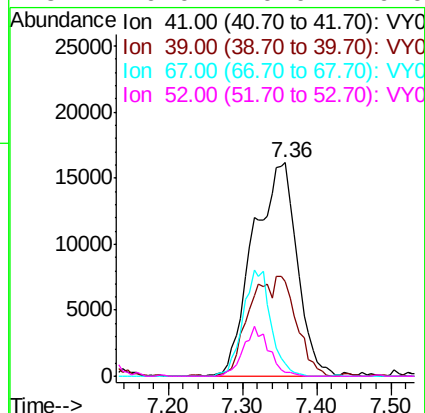
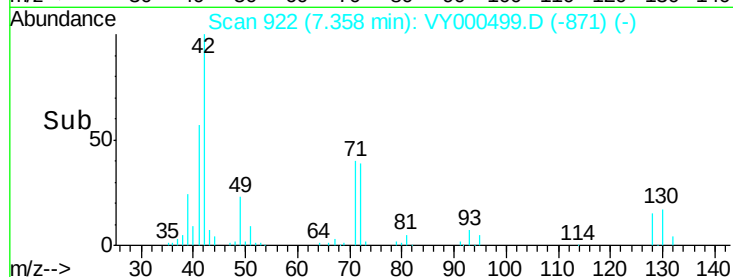
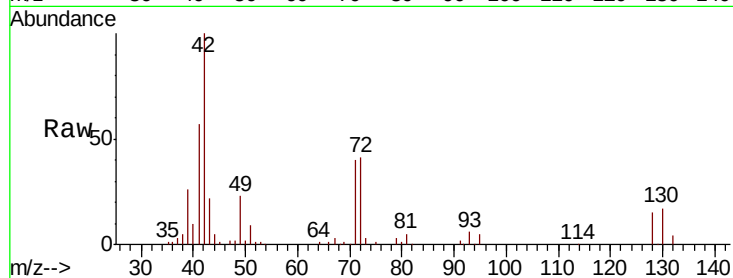
Delta R.T. 0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tot Ion: 41 Resp: 66674

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: 20.184 ug/l

RT: 8.24 min Scan# 1067

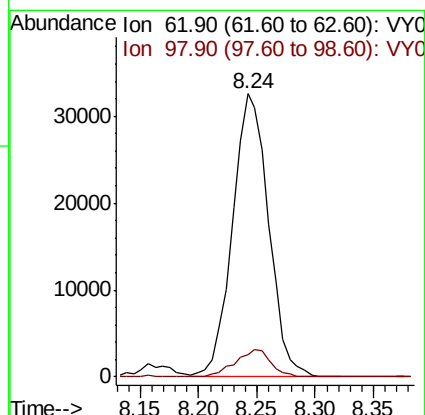
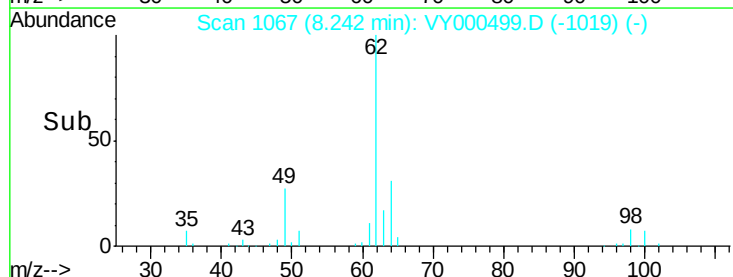
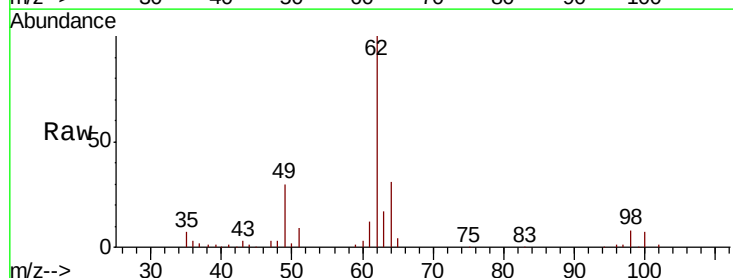
Delta R.T. -0.01 min

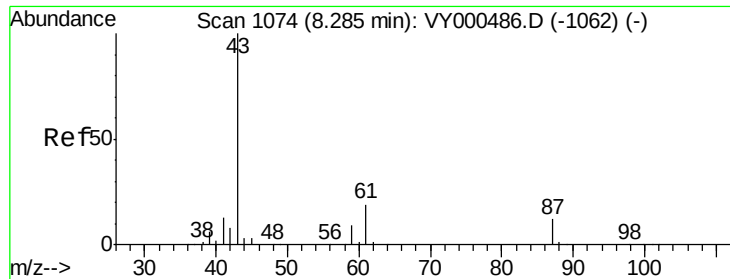
Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tgt Ion: 62 Resp: 70361

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.100 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

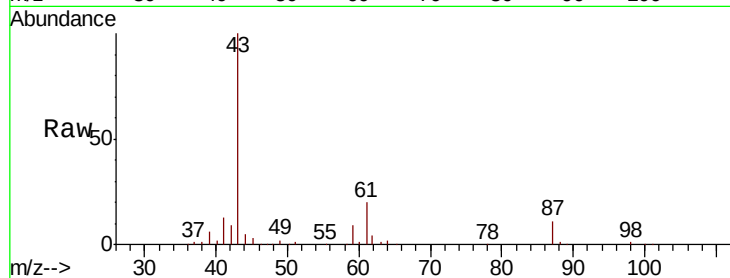
Tot Ion: 43 Resp: 93981

Ion Ratio Lower Upper

43 100

61 28.3 23.0 34.4

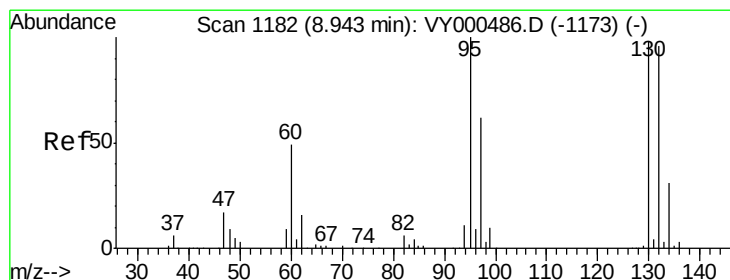
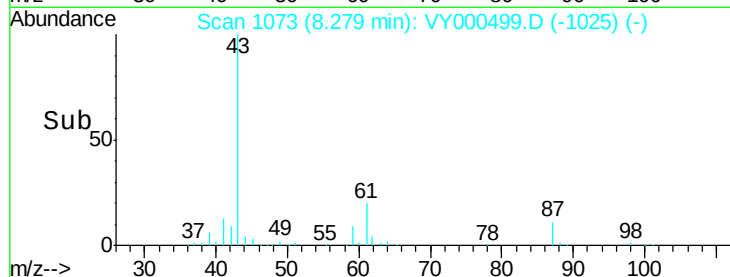
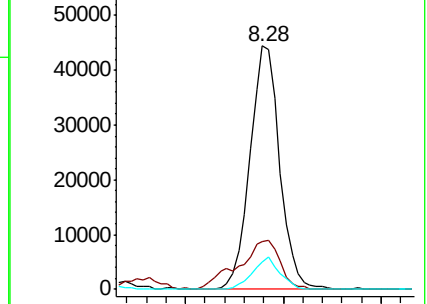
87 11.9 10.5 15.7



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: 20.238 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000499.D

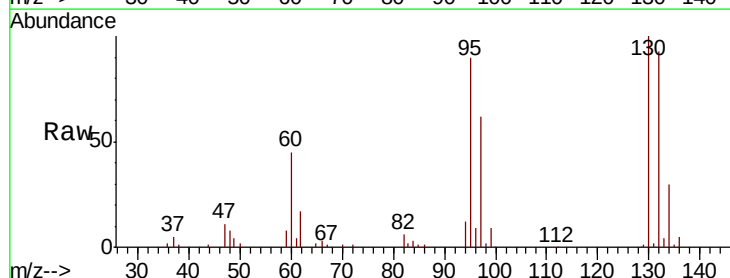
Acq: 31 Oct 2019 12:44

Tgt Ion:130 Resp: 65584

Ion Ratio Lower Upper

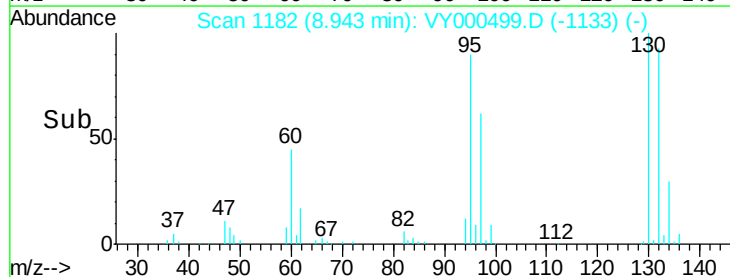
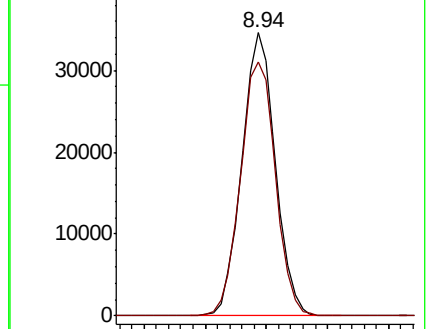
130 100

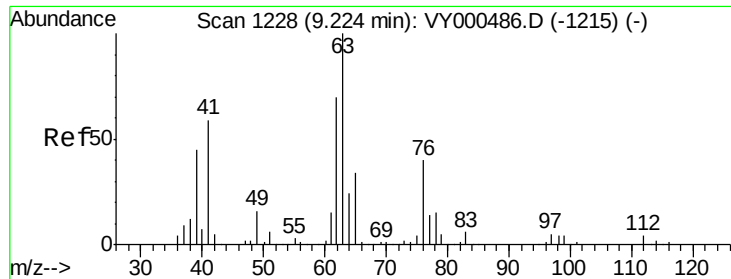
95 89.8 0.0 203.2



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

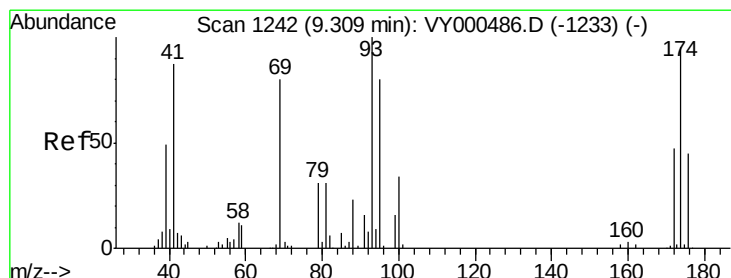
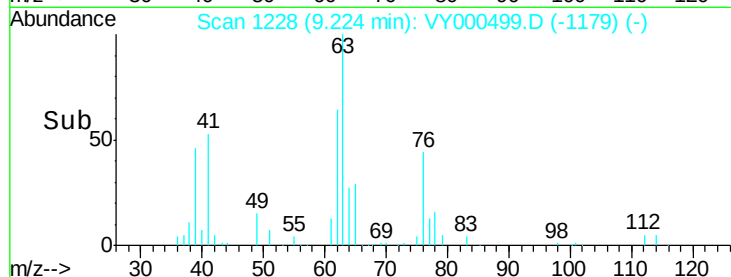
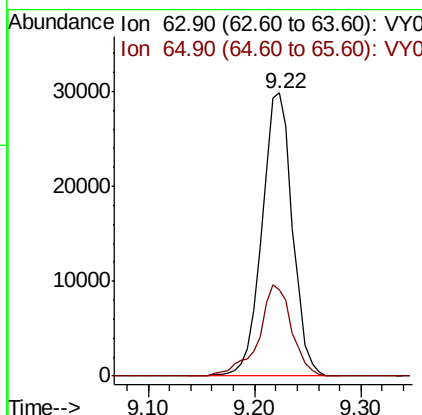
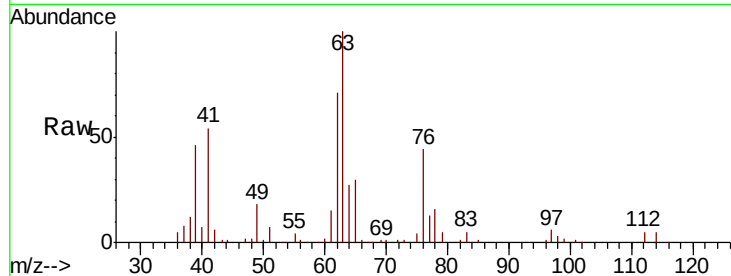
Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)





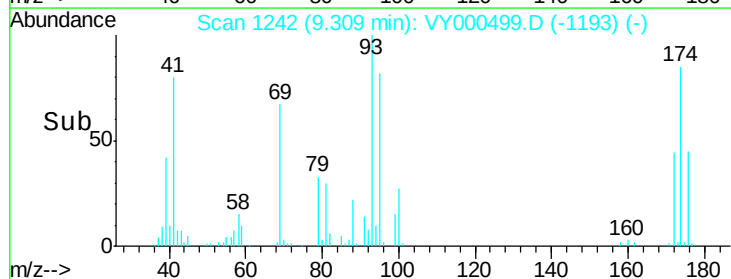
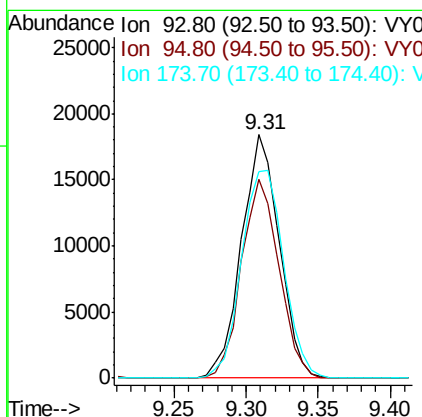
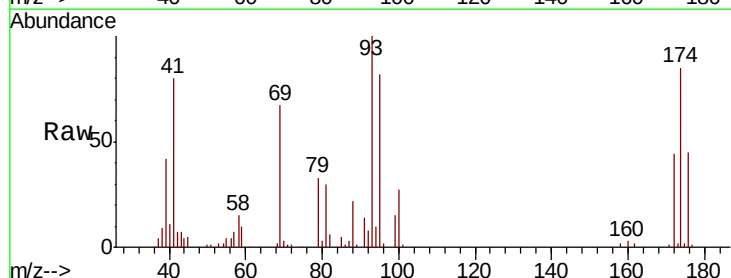
#45
 1,2-Dichloropropane
 Concen: 19.767 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

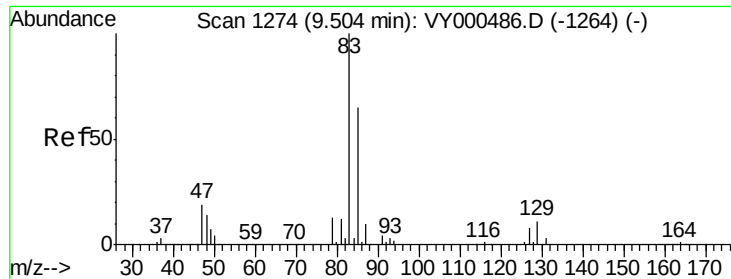
Tot Ion: 63 Resp: 59797
 Ion Ratio Lower Upper
 63 100
 65 30.4 27.0 40.4



#46
 Dibromomethane
 Concen: 20.096 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion: 93 Resp: 33432
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.4 99.6
 174 95.0 77.1 115.7





#47

Bromodichloromethane

Concen: 19.580 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

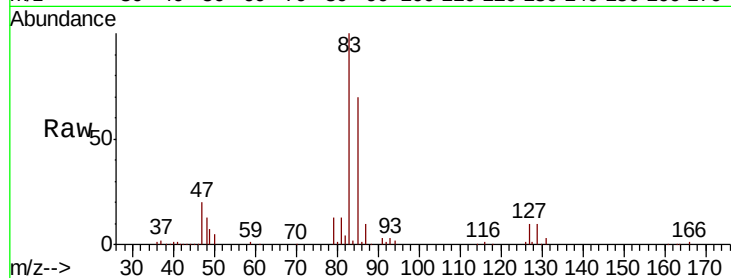
Tot Ion: 83 Resp: 77293

Ion Ratio Lower Upper

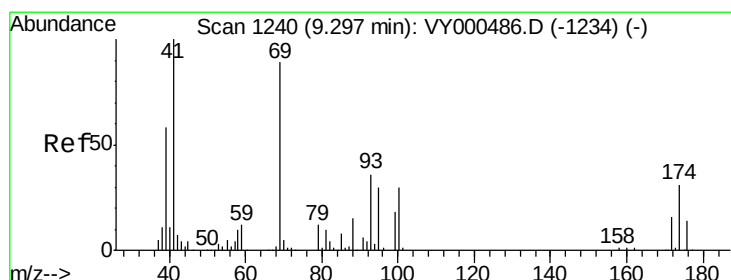
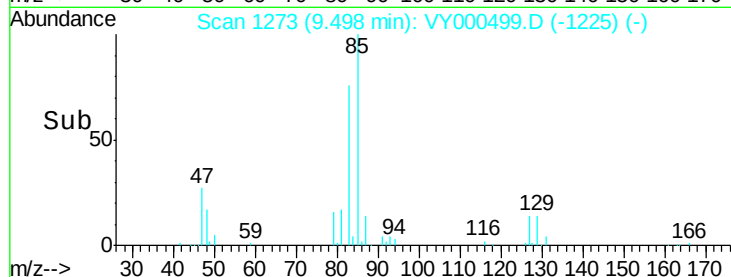
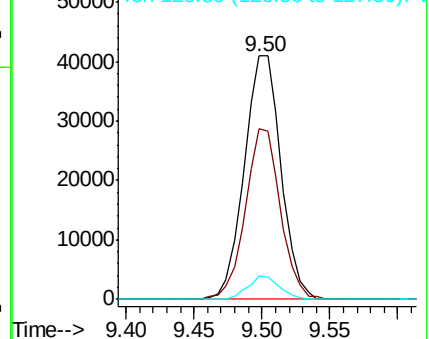
83 100

85 69.9 51.8 77.8

127 9.8 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): VY0



#48

Methyl methacrylate

Concen: 20.615 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

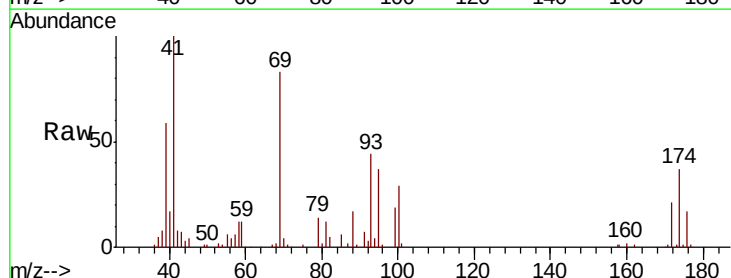
Tgt Ion: 41 Resp: 42114

Ion Ratio Lower Upper

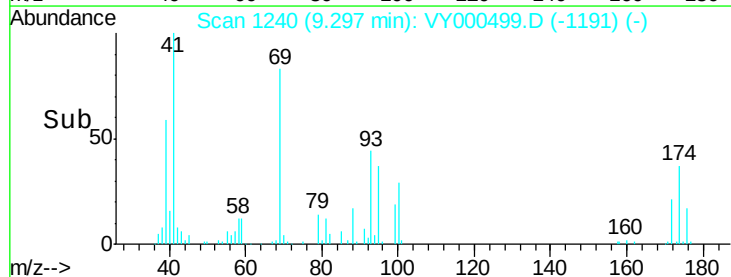
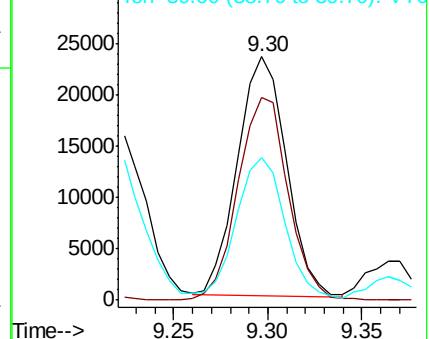
41 100

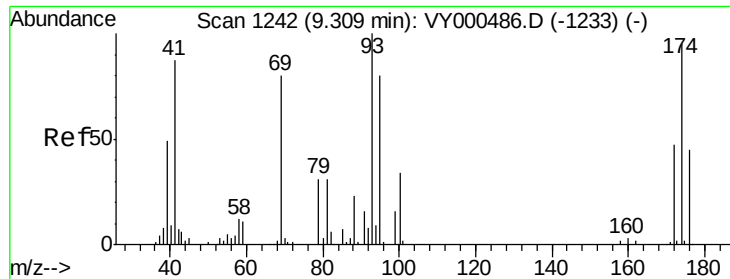
69 86.7 72.5 108.7

39 60.3 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: 448.274 ug/l

RT: 9.30 min Scan# 1241

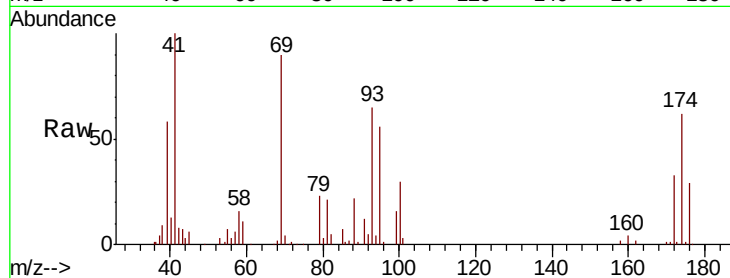
Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tot Ion: 88 Resp: 10037

Ion	Ratio	Lower	Upper
88	100		
43	26.7	25.1	37.7
58	73.2	50.6	75.8

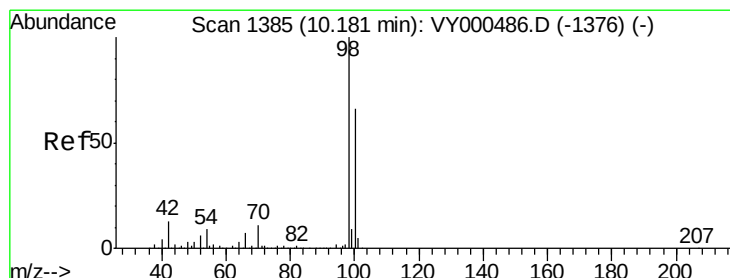
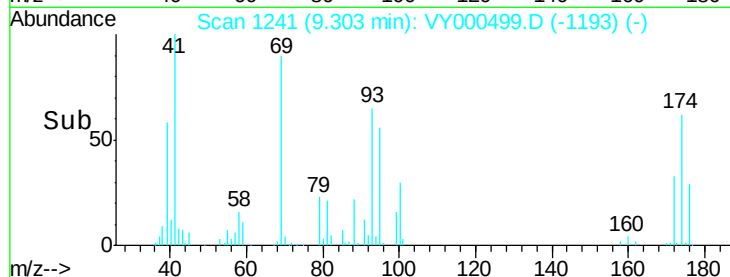
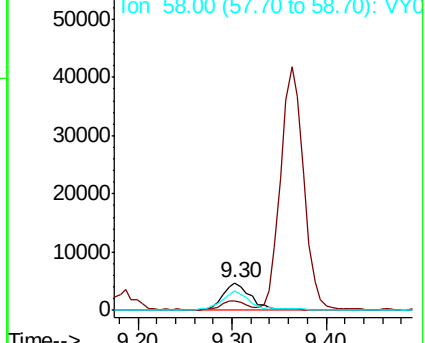


Abundance

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: 50.443 ug/l

RT: 10.18 min Scan# 1385

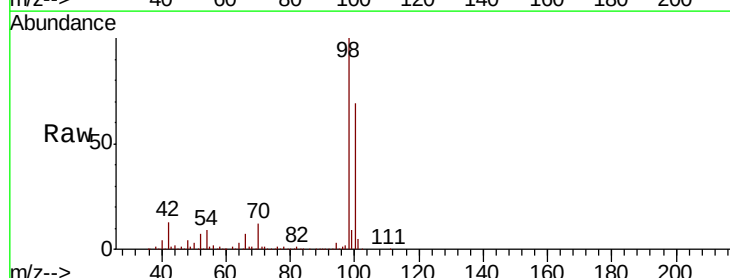
Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tgt Ion: 98 Resp: 498311

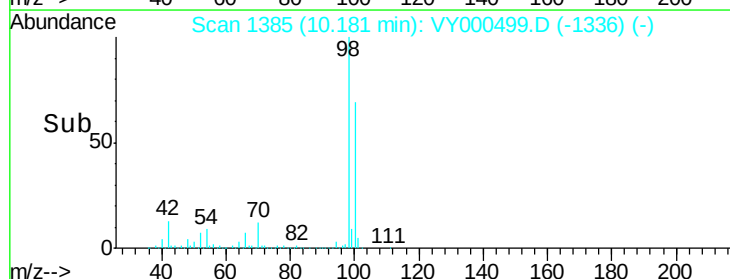
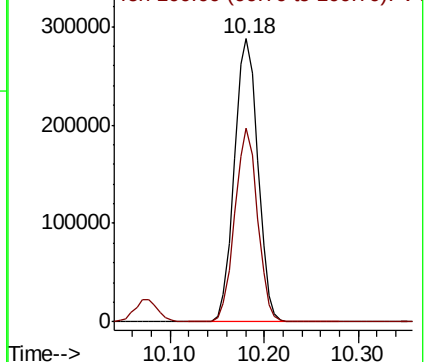
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3

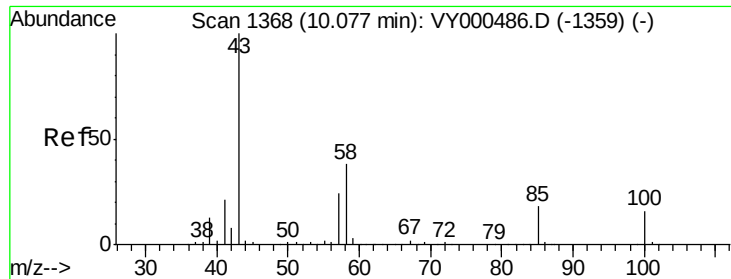


Abundance

Ion 98.00 (97.70 to 98.70): VY0

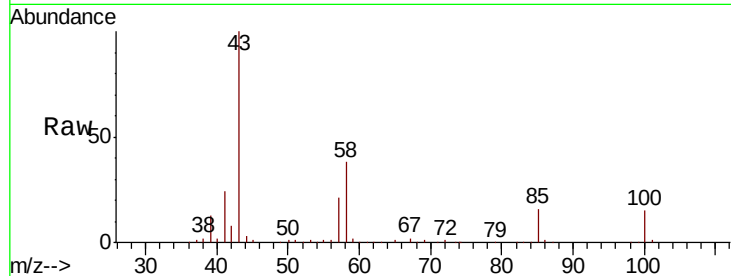
Ion 100.00 (99.70 to 100.70): VY0



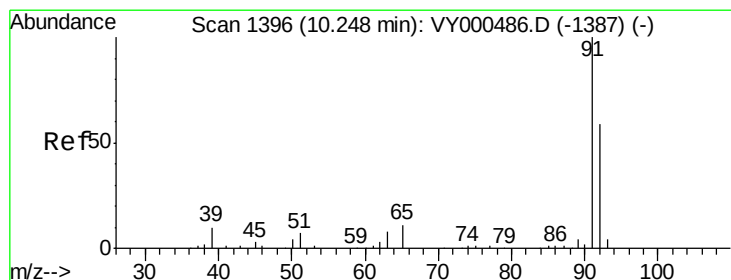
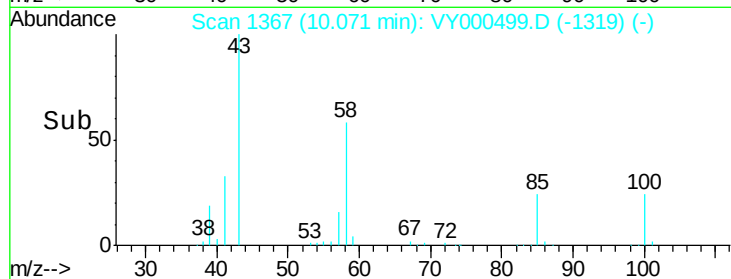
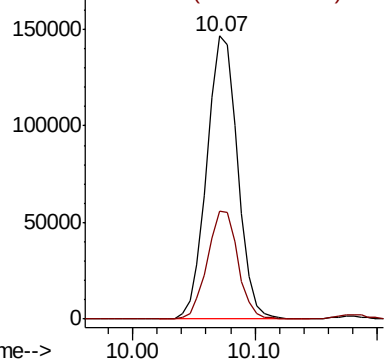


#51
4-Methyl-2-Pentanone
Concen: 102.870 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tot Ion: 43 Resp: 255726
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.4

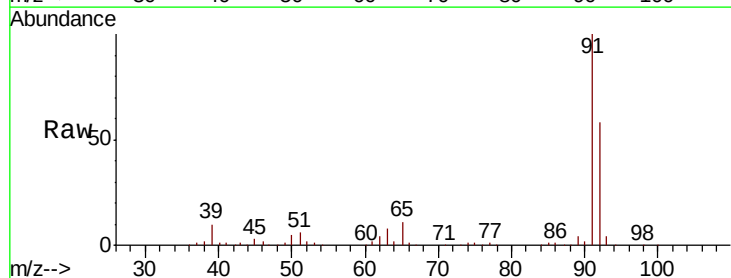


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

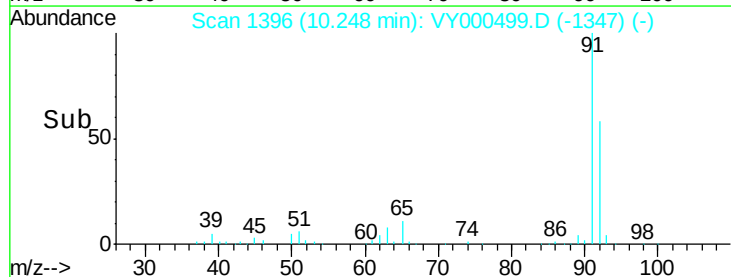
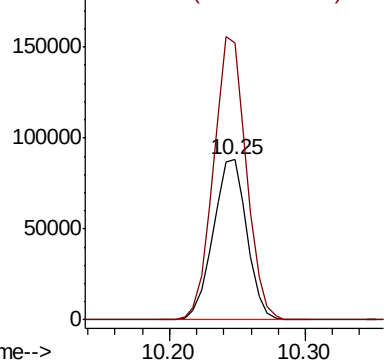


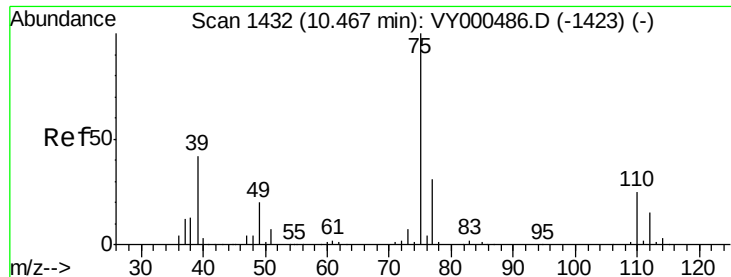
#52
Toluene
Concen: 19.674 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

Tgt Ion: 92 Resp: 152885
Ion Ratio Lower Upper
92 100
91 171.6 136.3 204.5



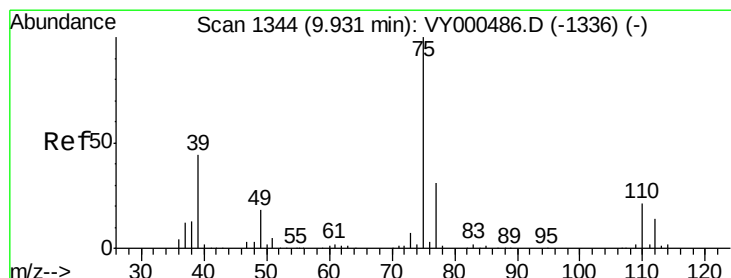
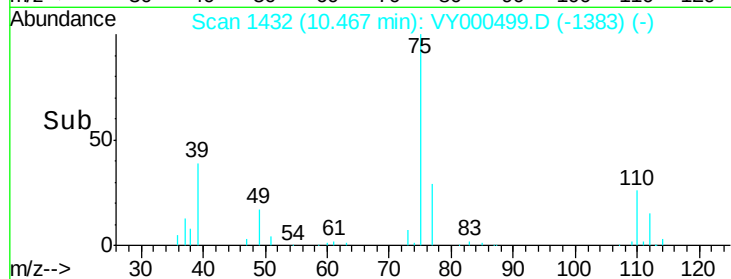
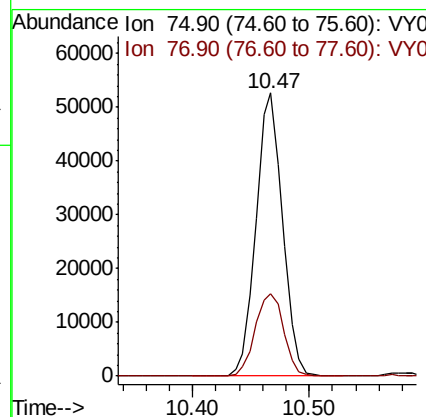
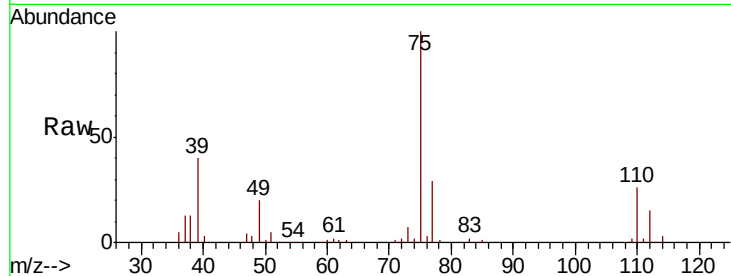
Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0





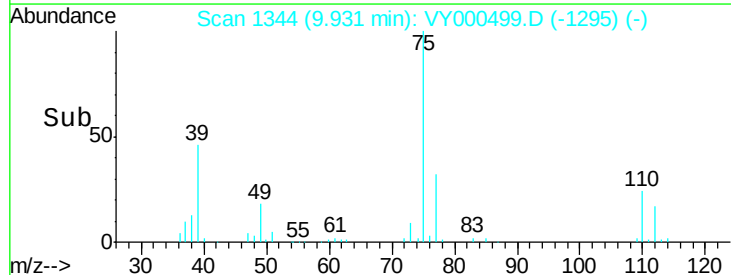
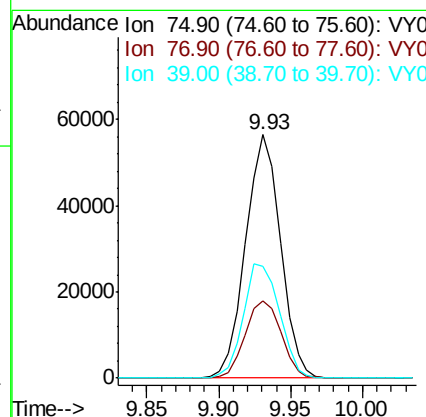
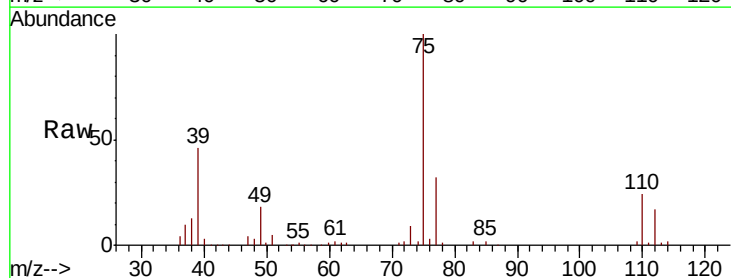
#53
 t-1,3-Dichloropropene
 Concen: 19.856 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

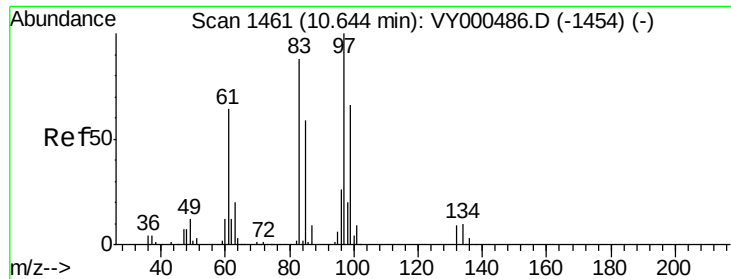
Tot Ion: 75 Resp: 83751
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.655 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

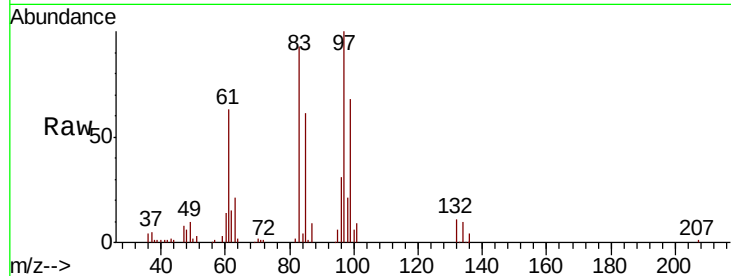
Tgt Ion: 75 Resp: 94975
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 46.1 35.4 53.2





#55
 1,1,2-Trichloroethane
 Concen: 19.423 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tot Ion:	97	Resp:	46736
Ion	Ratio	Lower	Upper
97	100		
83	92.9	70.2	105.4
85	61.0	46.9	70.3
99	67.8	52.6	78.8



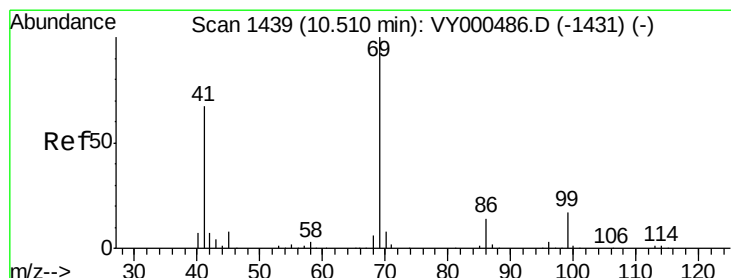
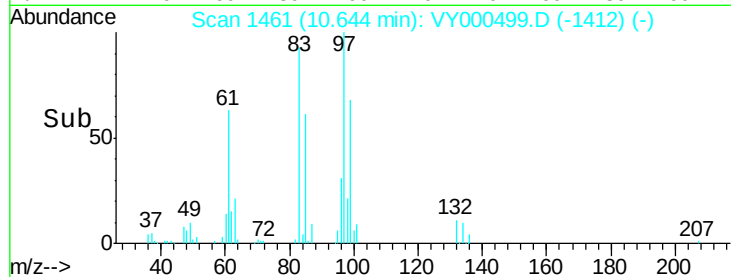
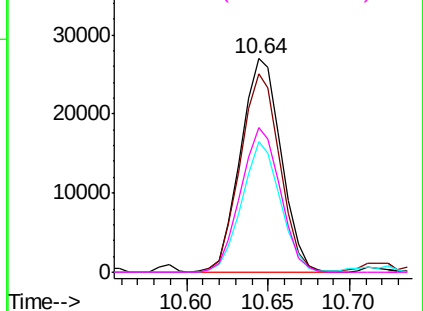
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

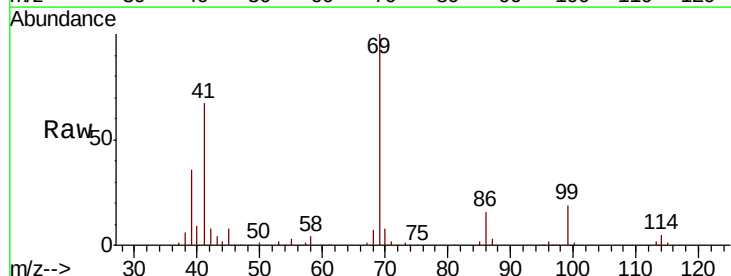
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 20.237 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion:	69	Resp:	69018
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.3	79.9
39	35.9	28.0	42.0

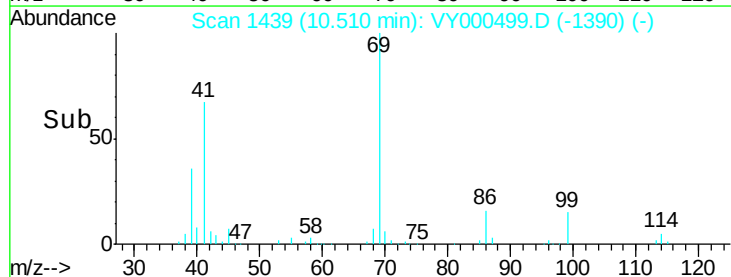
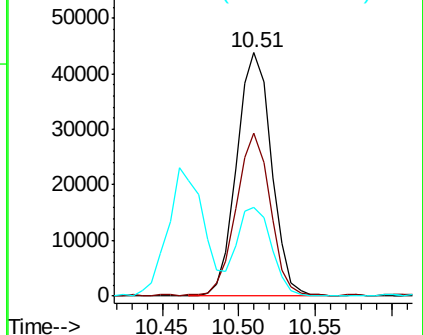


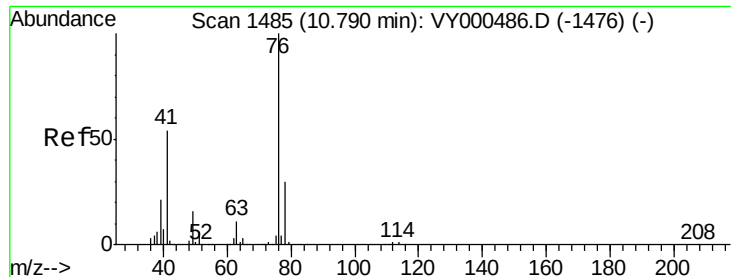
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

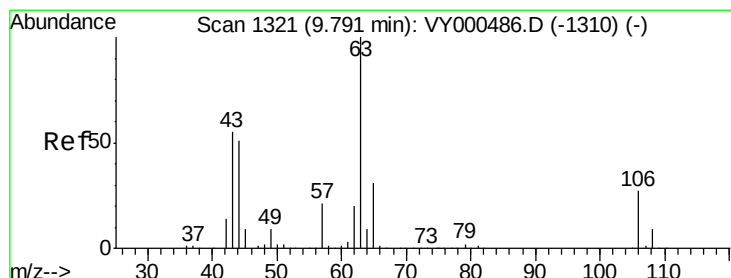
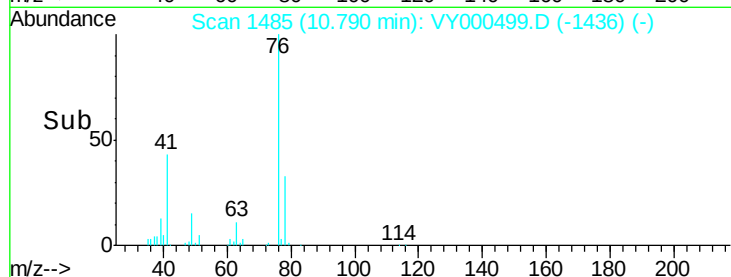
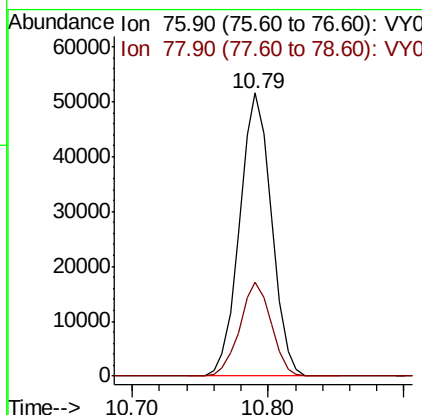
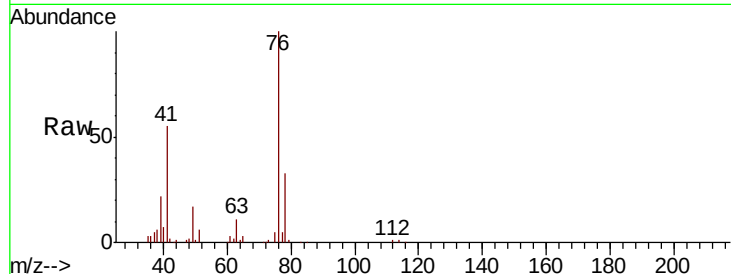
Ion 39.00 (38.70 to 39.70): VY0





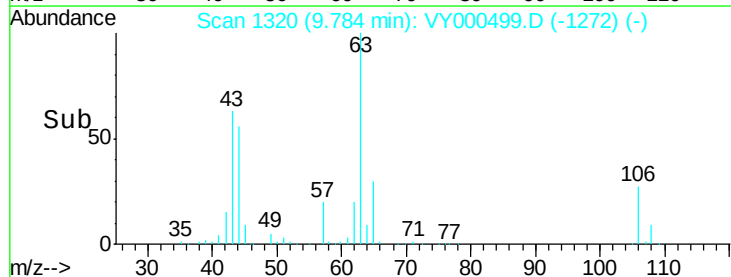
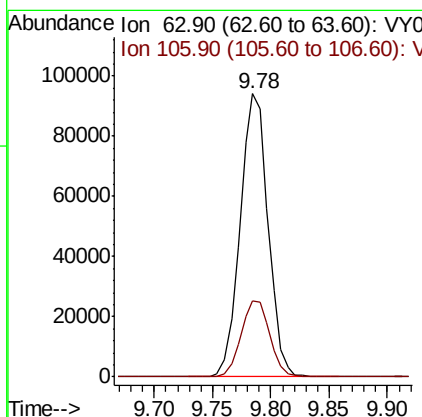
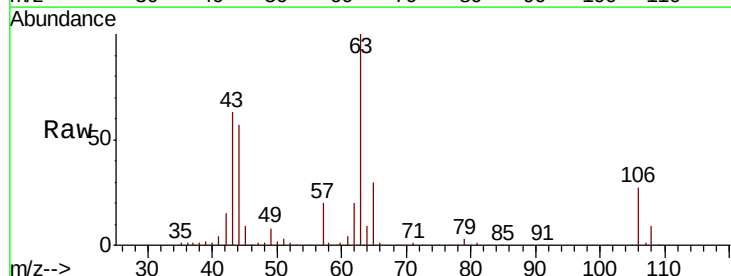
#57
 1,3-Dichloropropane
 Concen: 20.043 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

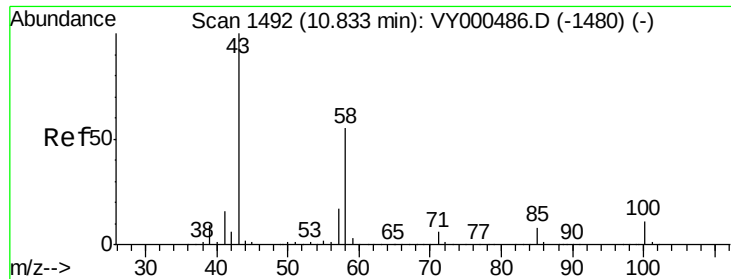
Tot Ion: 76 Resp: 84411
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.723 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

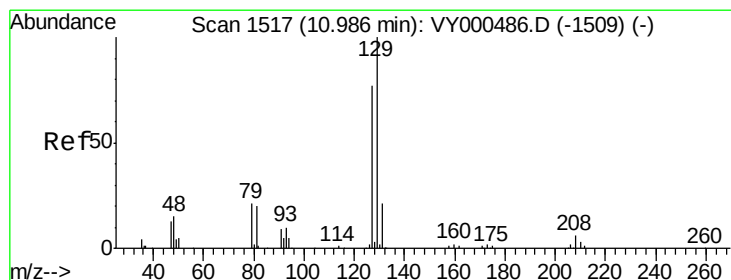
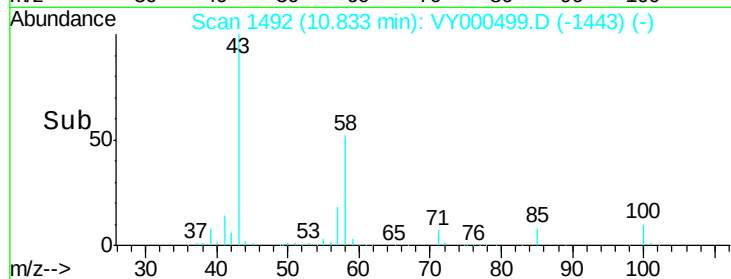
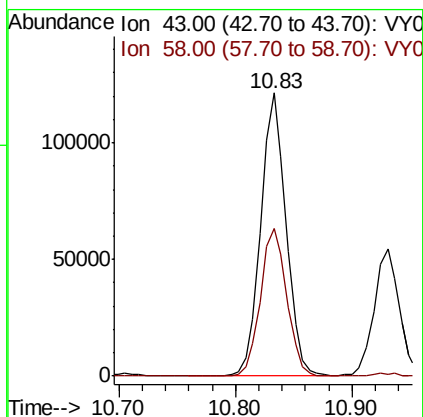
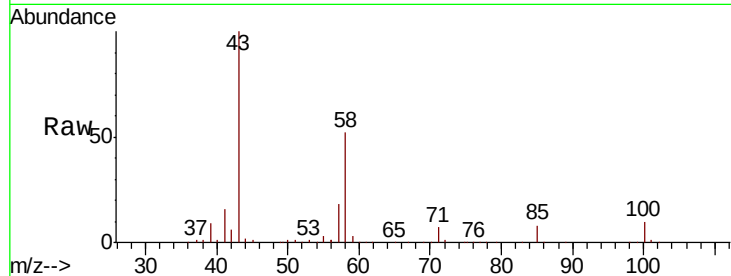
Tgt Ion: 63 Resp: 156842
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.6 33.8





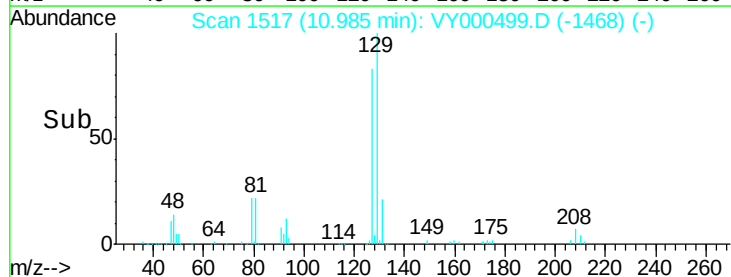
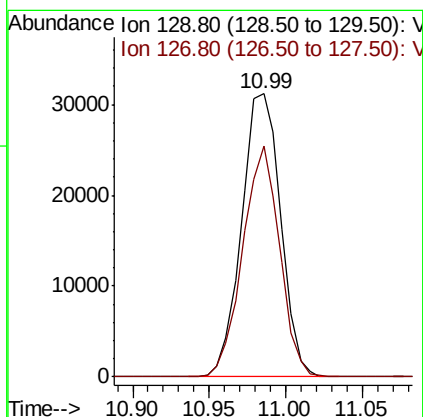
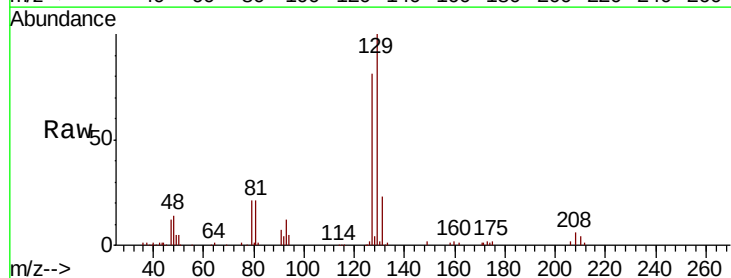
#59
2-Hexanone
Concen: 101.147 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

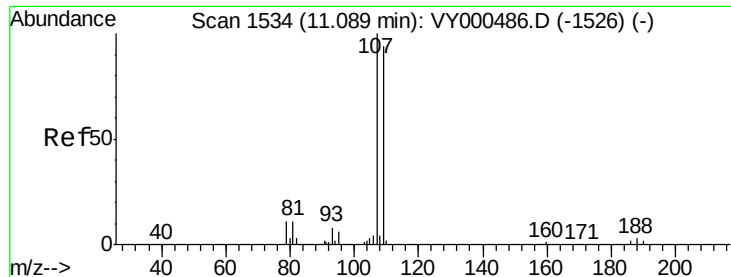
Tot Ion: 43 Resp: 183200
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 20.077 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

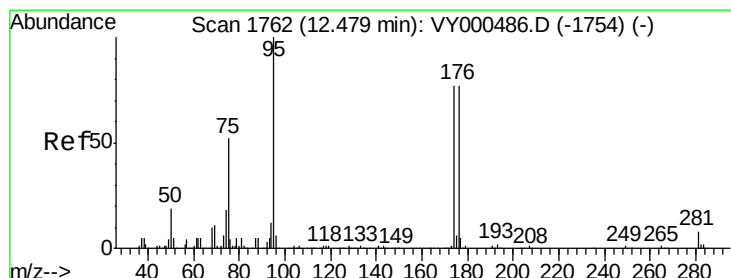
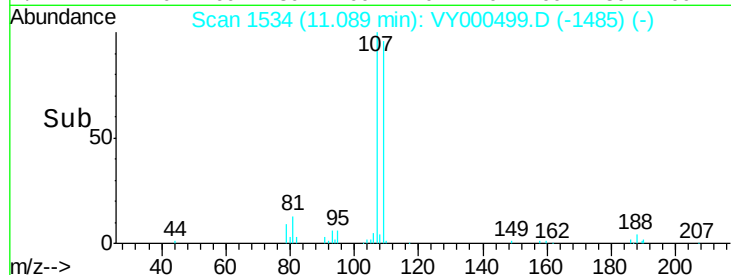
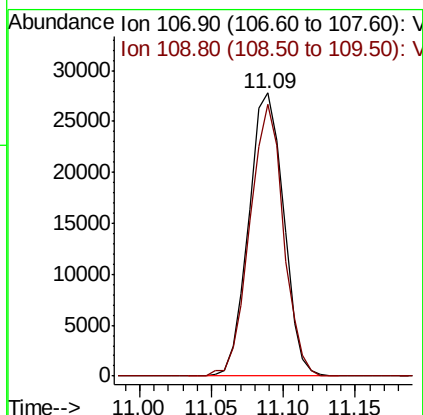
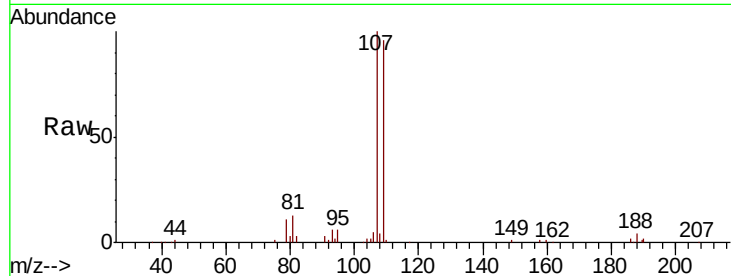
Tgt Ion: 129 Resp: 55336
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





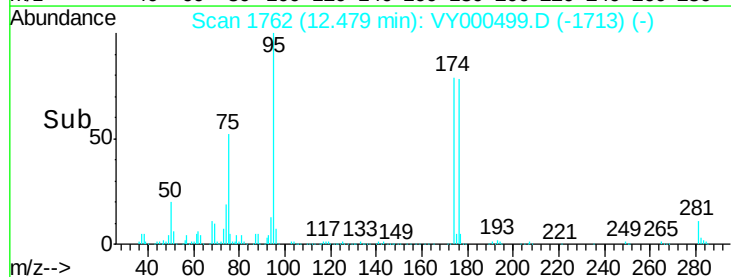
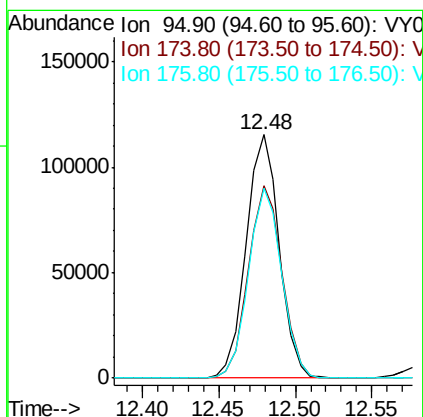
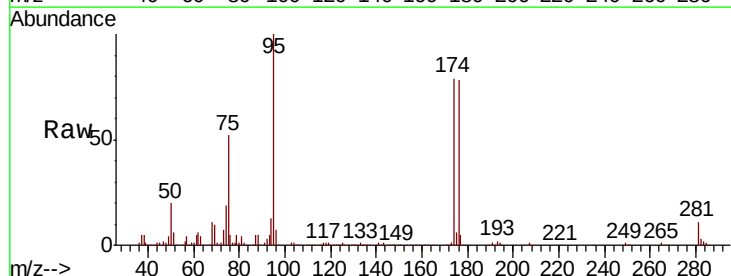
#61
 1,2-Dibromoethane
 Concen: 20.113 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

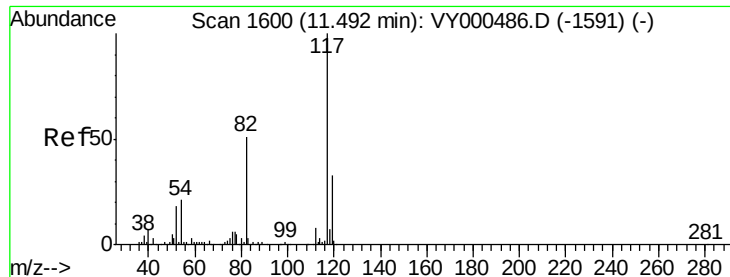
Tot Ion: 107 Resp: 46534
 Ion Ratio Lower Upper
 107 100
 109 92.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 45.858 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

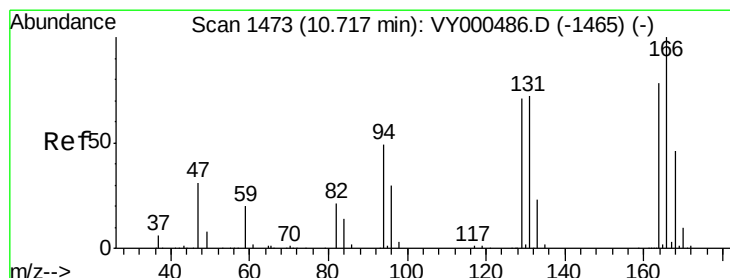
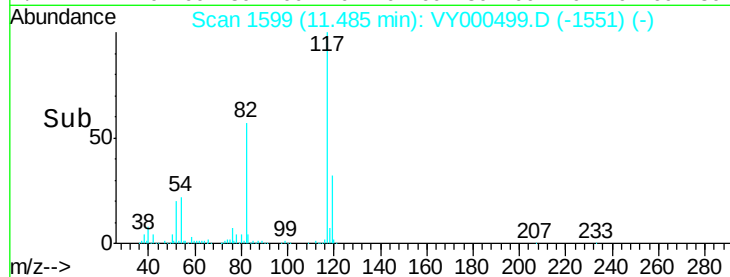
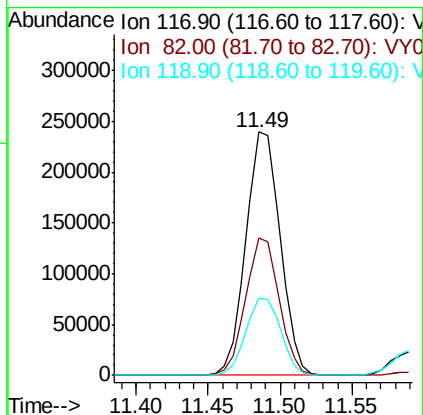
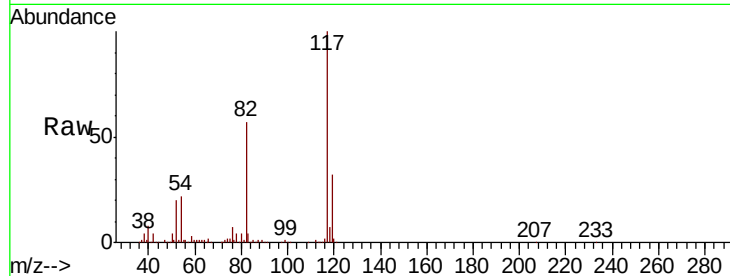
Tgt Ion: 95 Resp: 172463
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 161.6
 176 78.9 0.0 157.8





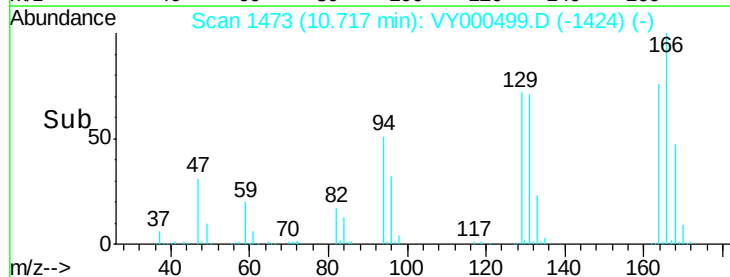
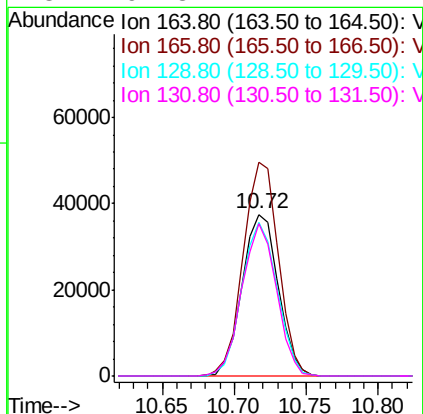
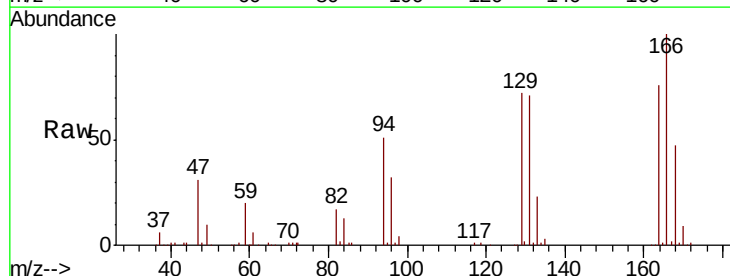
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

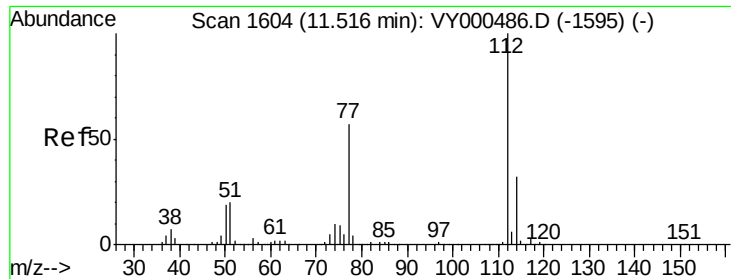
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.8	61.2
119	31.7	26.2	39.2



#64
Tetrachloroethene
Concen: 19.880 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

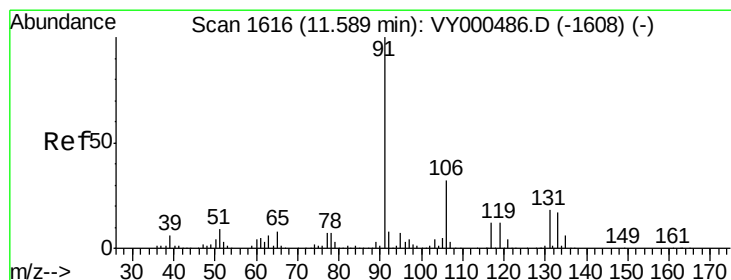
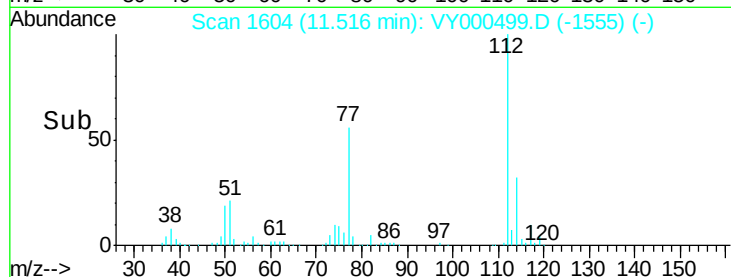
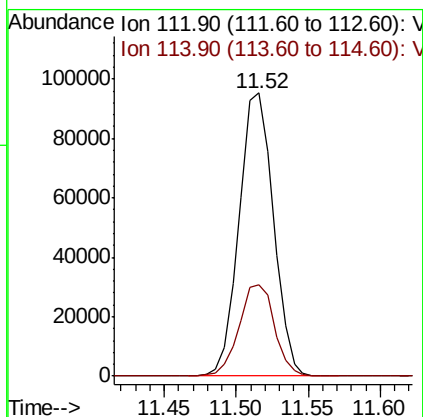
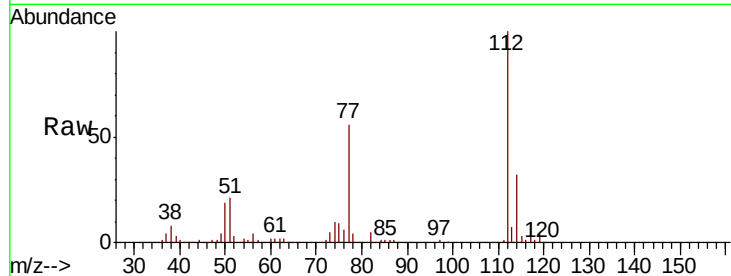
Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	102.7	154.1
129	94.9	73.2	109.8
131	94.3	74.2	111.2





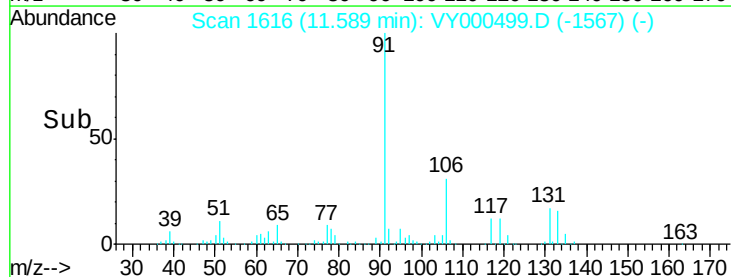
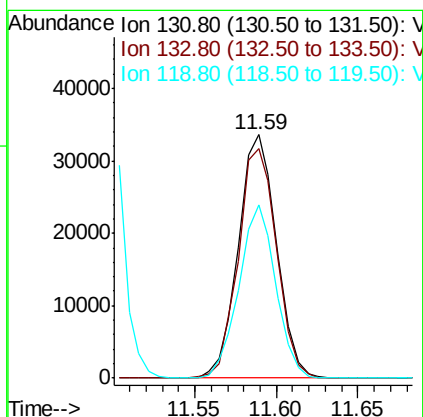
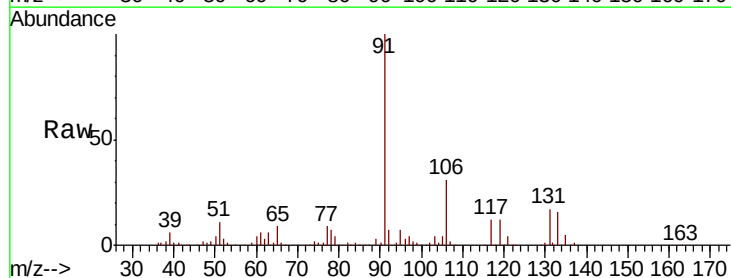
#65
Chlorobenzene
Concen: 19.688 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

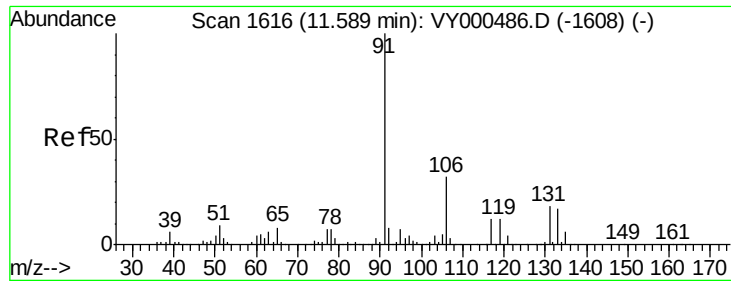
Tot Ion:112 Resp: 157788
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.651 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

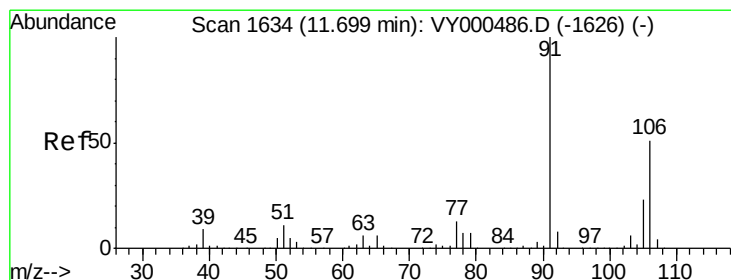
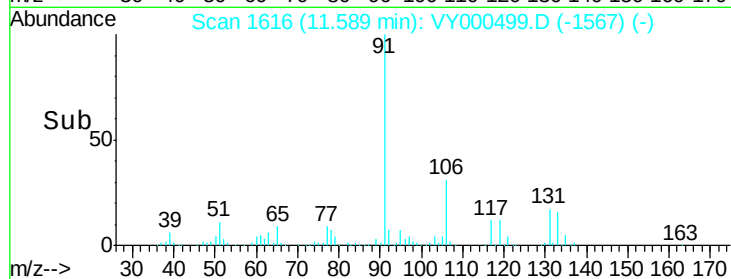
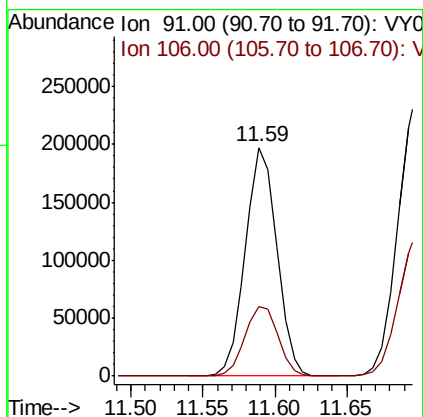
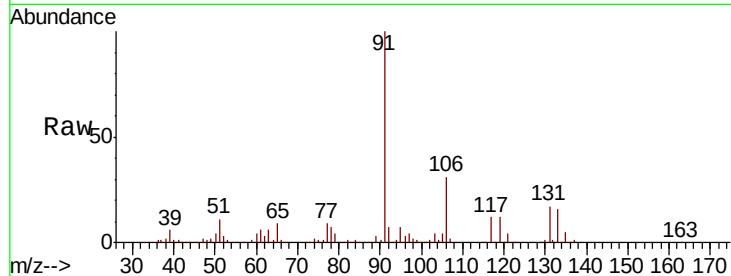
Tgt Ion:131 Resp: 54619
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 68.9 33.1 99.3





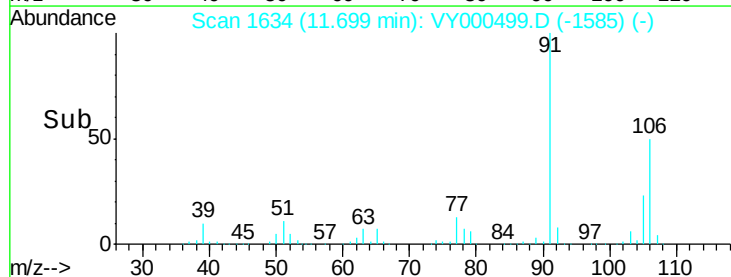
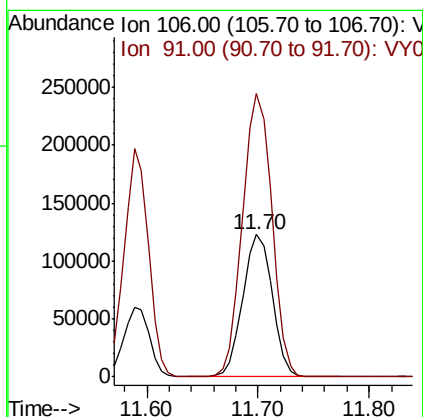
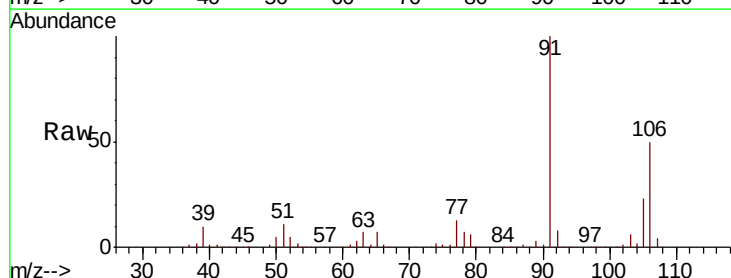
#67
Ethyl Benzene
Concen: 20.286 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

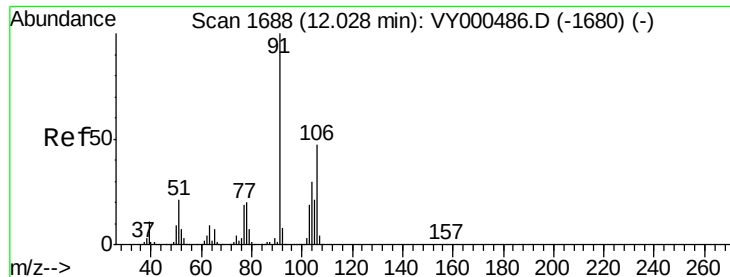
Tot Ion: 91 Resp: 299220
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 39.709 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

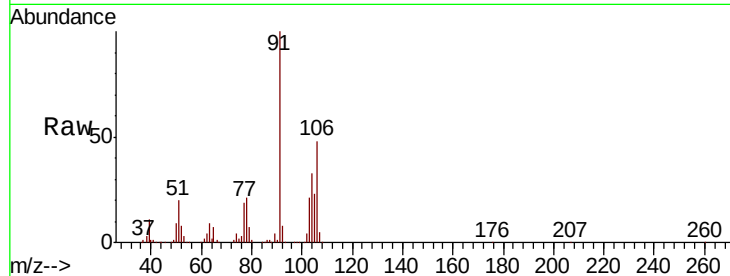
Tgt Ion: 106 Resp: 226690
Ion Ratio Lower Upper
106 100
91 198.3 155.9 233.9



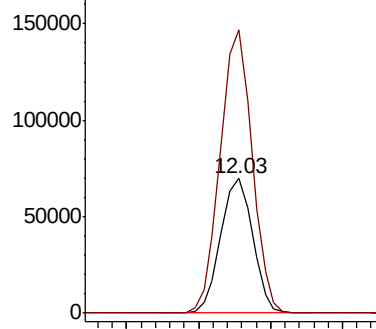


#69
o-Xylene
Concen: 20.016 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

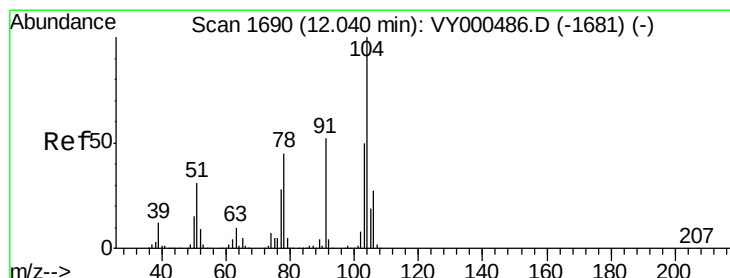
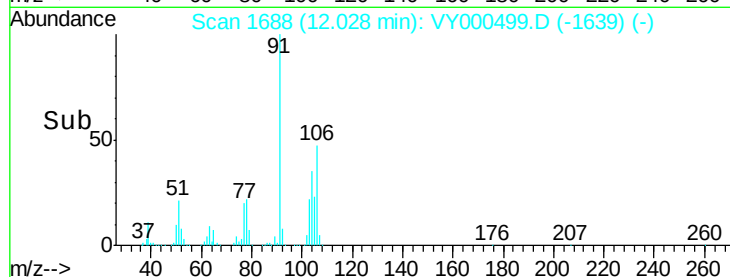
Tot Ion:106 Resp: 107390
Ion Ratio Lower Upper
106 100
91 210.0 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

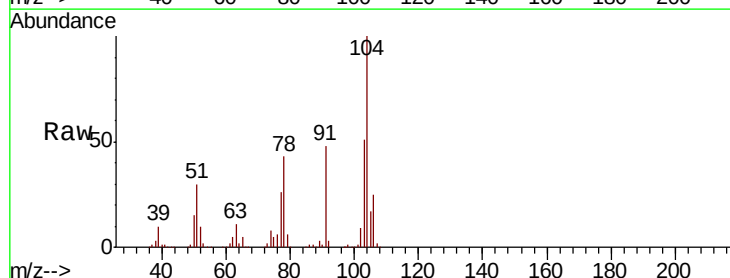


Time-->

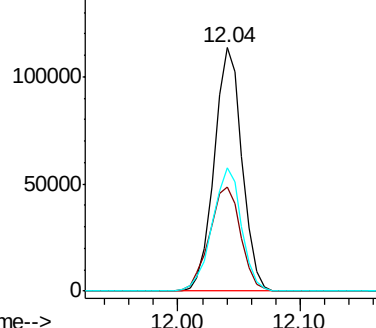


#70
Styrene
Concen: 19.439 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000499.D
Acq: 31 Oct 2019 12:44

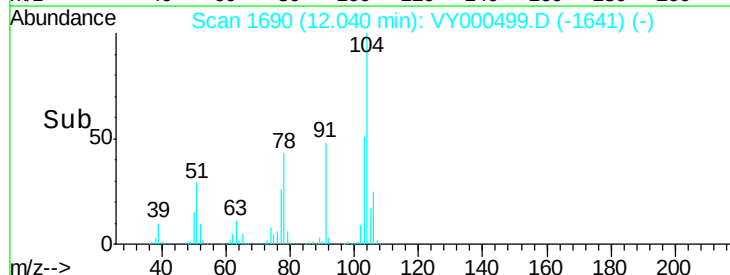
Tgt Ion:104 Resp: 178592
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.4 42.5 63.7

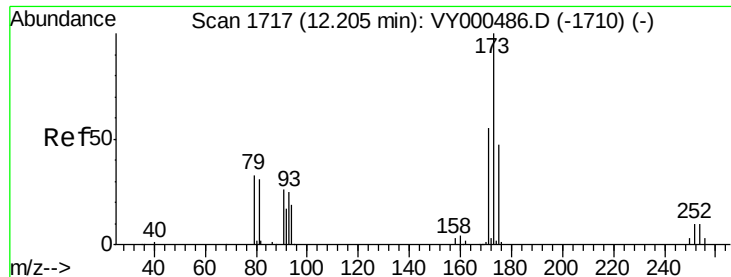


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 20.206 ug/l

RT: 12.20 min Scan# 1717

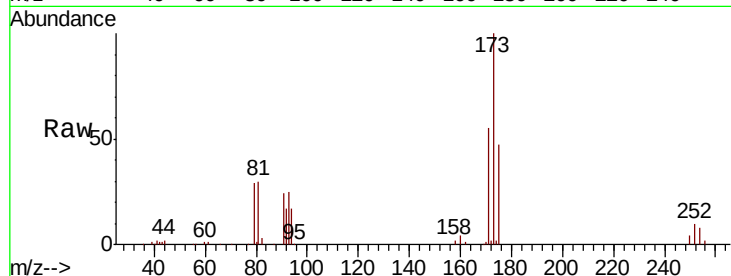
Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tot Ion:173 Resp: 32303

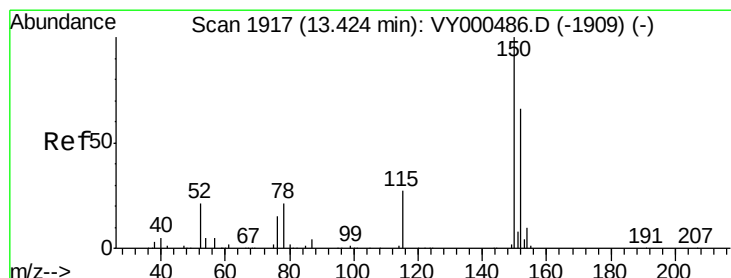
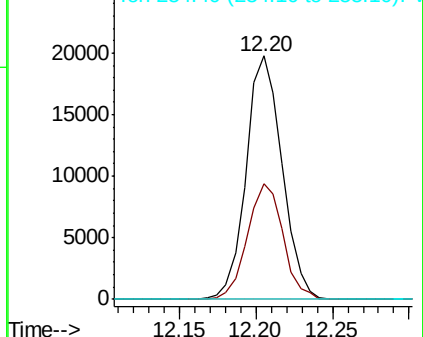
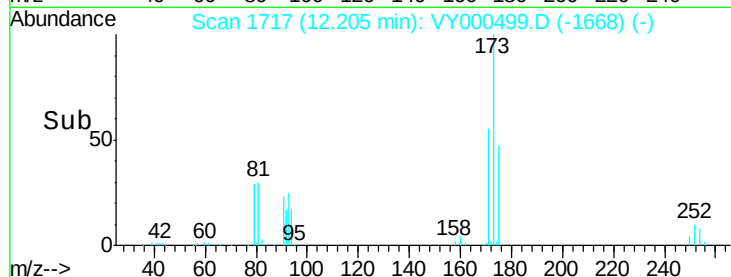
Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.4	73.2
254	0.0	0.1	0.1#



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

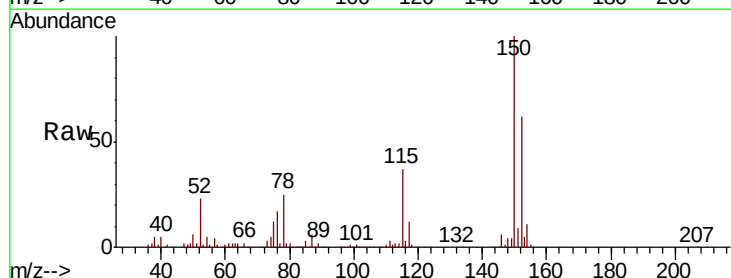
Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tgt Ion:152 Resp: 196030

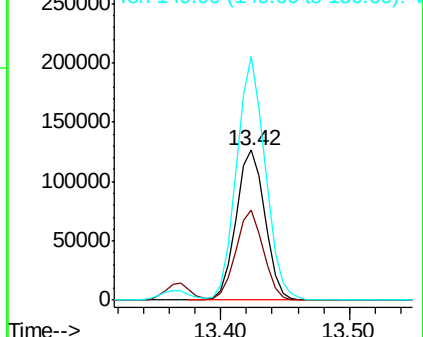
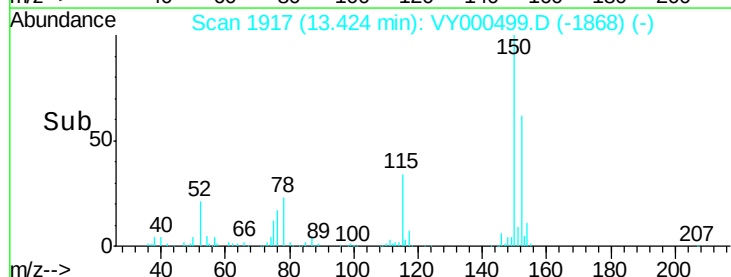
Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.1	87.4
150	162.0	0.0	348.8

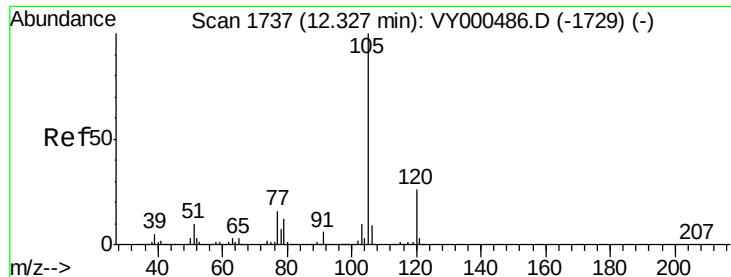


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.674 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000499.D

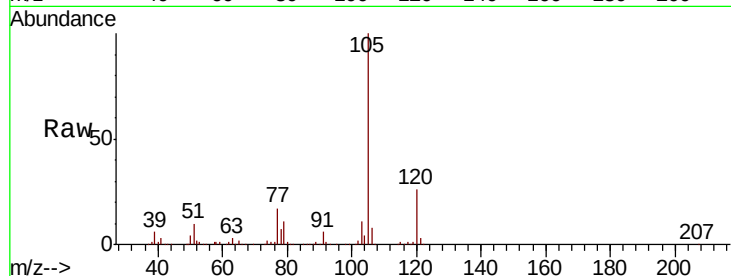
Acq: 31 Oct 2019 12:44

Tot Ion:105 Resp: 285046

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1729) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1729) (-)

12.33

200000

150000

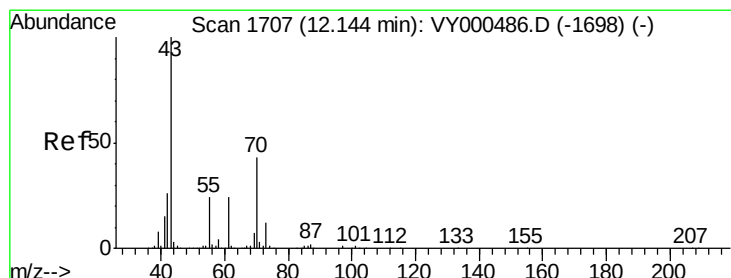
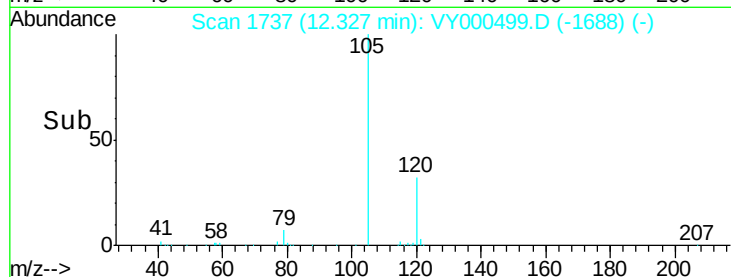
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.463 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tgt Ion: 43 Resp: 84910

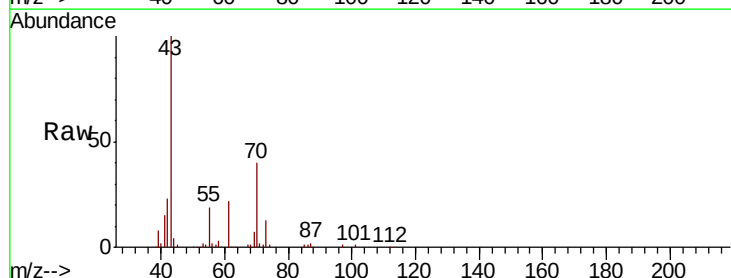
Ion Ratio Lower Upper

43 100

70 41.4 33.1 49.7

55 22.5 18.0 27.0

61 23.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1698) (-)

Ion 70.00 (69.70 to 70.70): VY000486.D (-1698) (-)

Ion 55.00 (54.70 to 55.70): VY000486.D (-1698) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1698) (-)

12.14

80000

60000

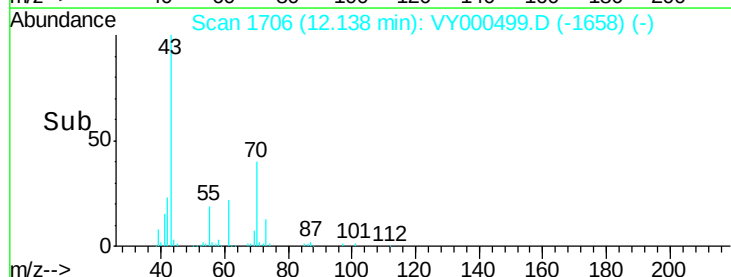
40000

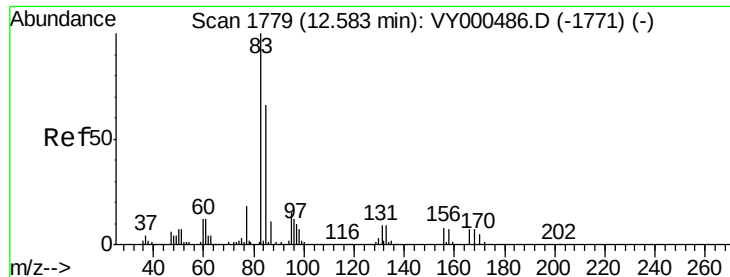
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 19.770 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

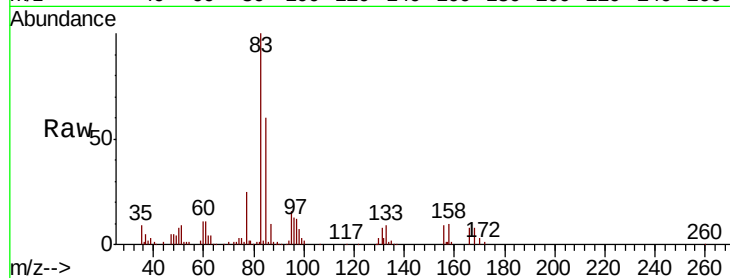
Tot Ion: 83 Resp: 56714

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	14.9
85	63.9	32.3	96.9

83 100

131 10.5 5.0 14.9

85 63.9 32.3 96.9



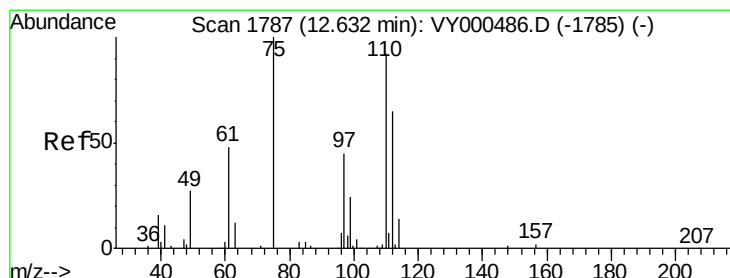
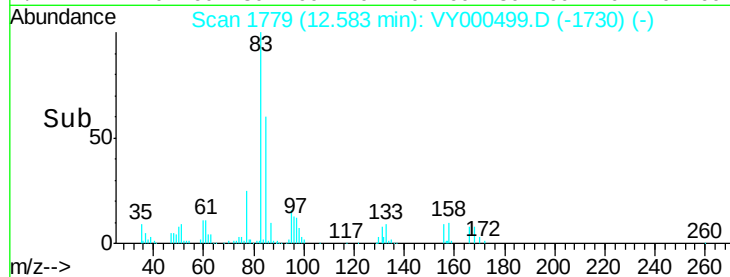
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.485 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000499.D

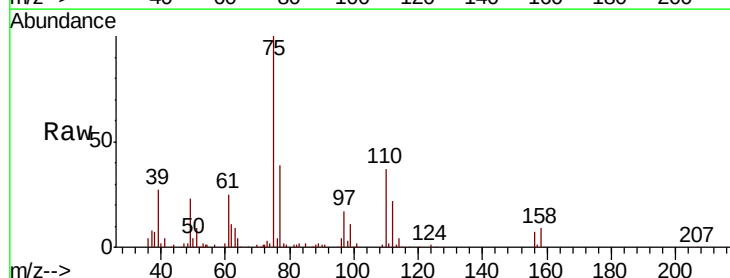
Acq: 31 Oct 2019 12:44

Tgt Ion: 75 Resp: 79205

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

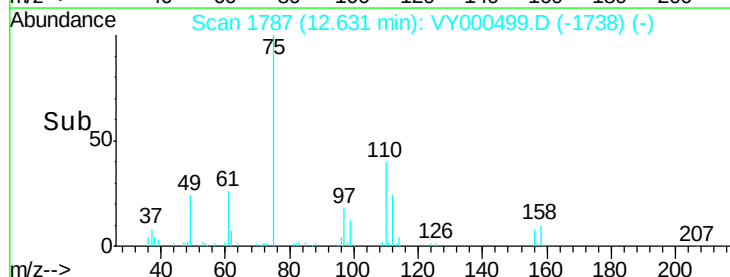


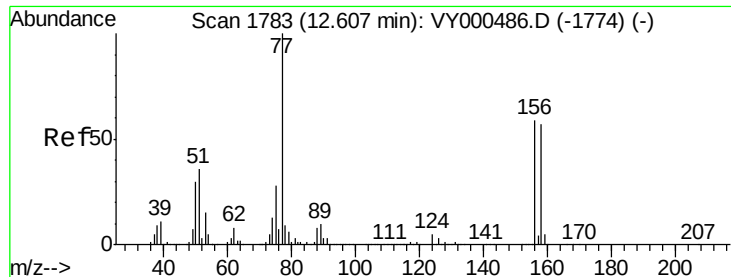
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.63

Time-->





#77

Bromobenzene

Concen: 19.839 ug/l

RT: 12.61 min Scan# 1783

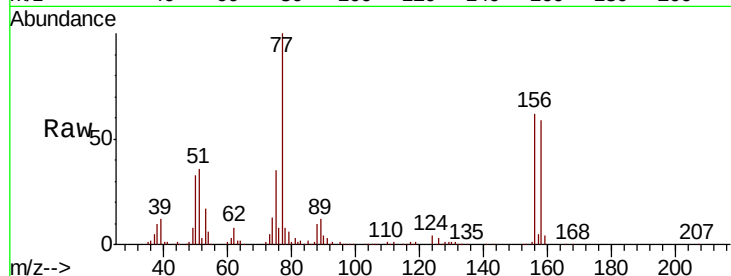
Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

Tot Ion:156 Resp: 65179

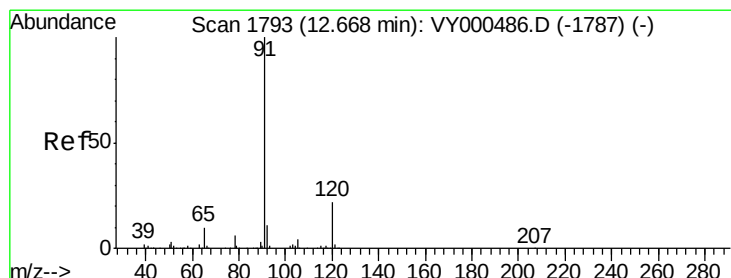
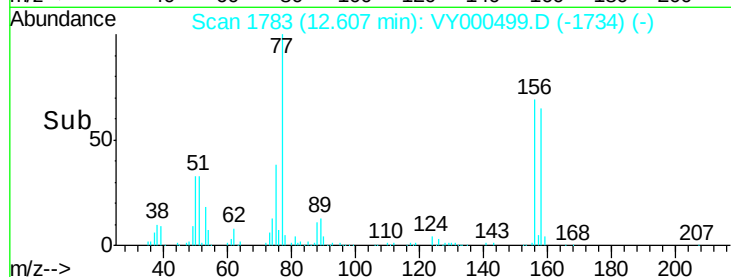
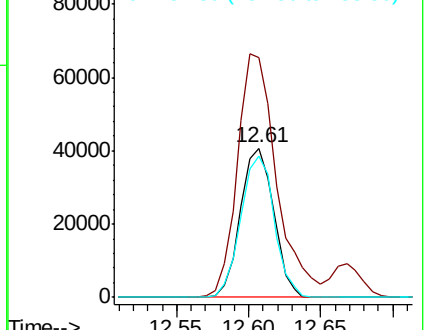
Ion	Ratio	Lower	Upper
156	100		
77	193.3	98.2	294.4
158	96.0	49.6	149.0



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: 19.851 ug/l

RT: 12.67 min Scan# 1793

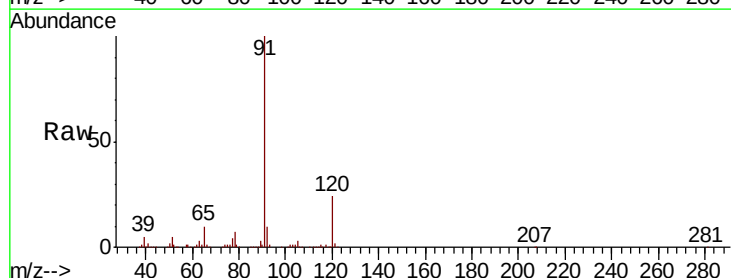
Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

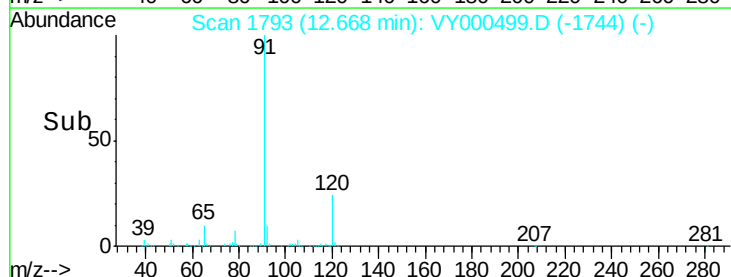
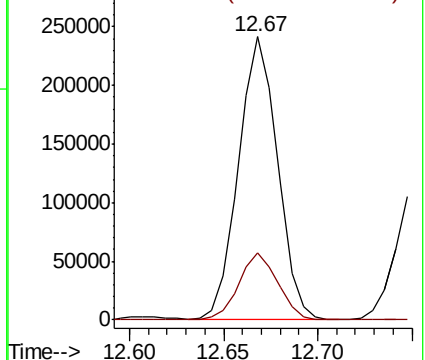
Tgt Ion: 91 Resp: 347019

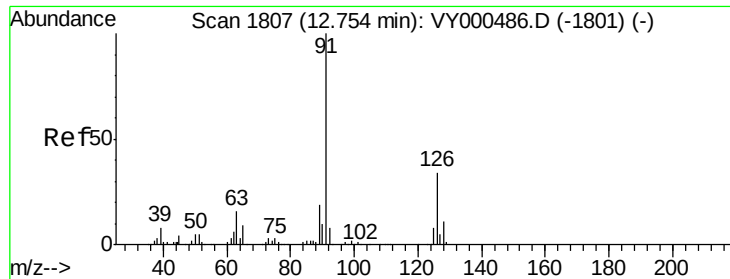
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

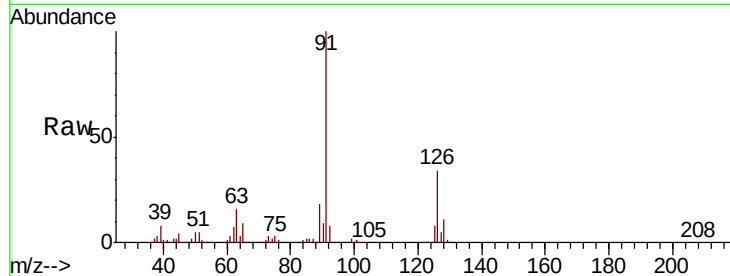
Ion 120.00 (119.70 to 120.70): V



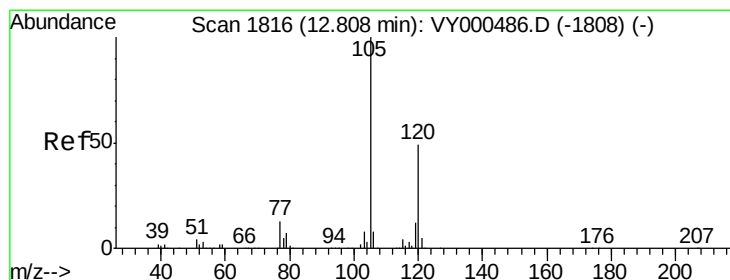
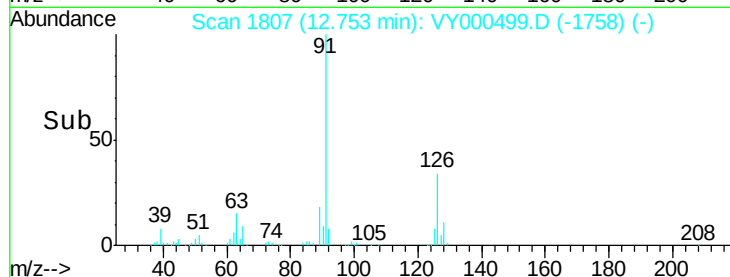
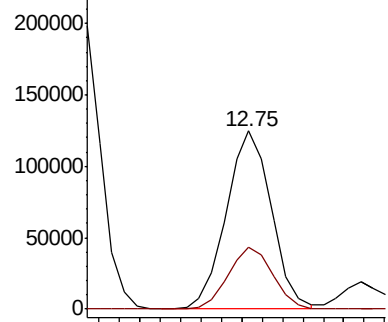


#79
 2-Chlorotoluene
 Concen: 19.723 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tot Ion: 91 Resp: 191405
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.7 53.1

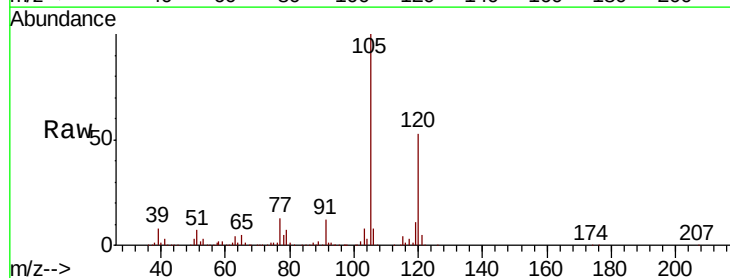


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

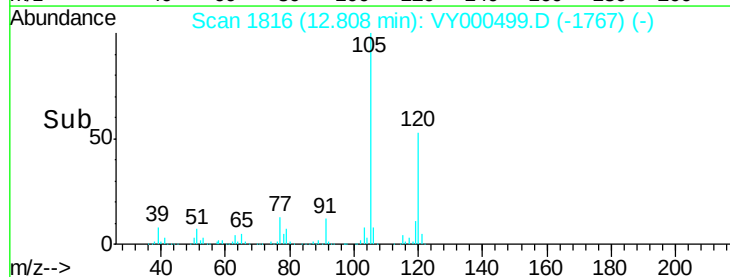
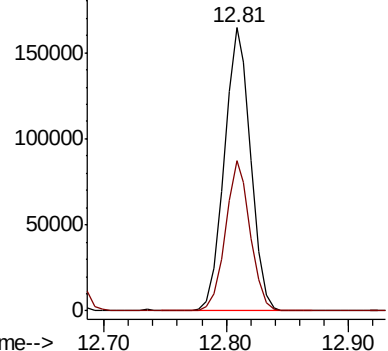


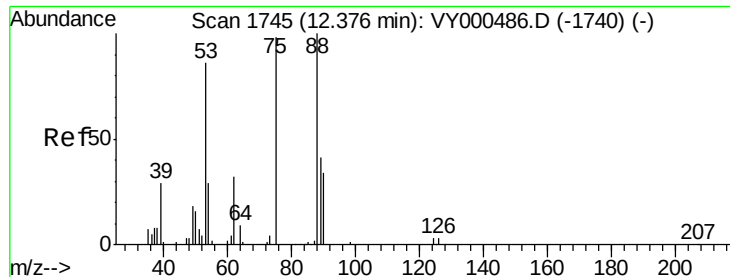
#80
 1,3,5-Trimethylbenzene
 Concen: 20.366 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion:105 Resp: 245750
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.862 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

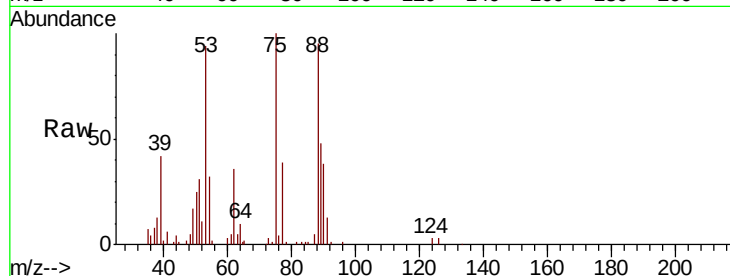
Tot Ion: 75 Resp: 19773

Ion Ratio Lower Upper

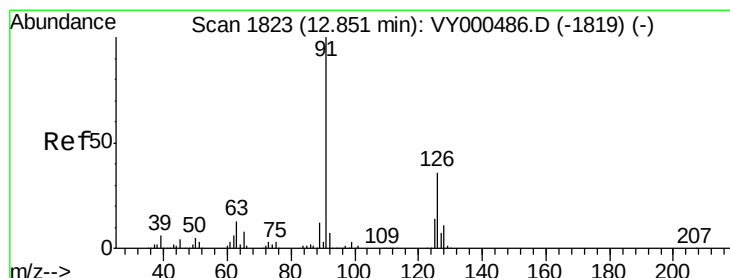
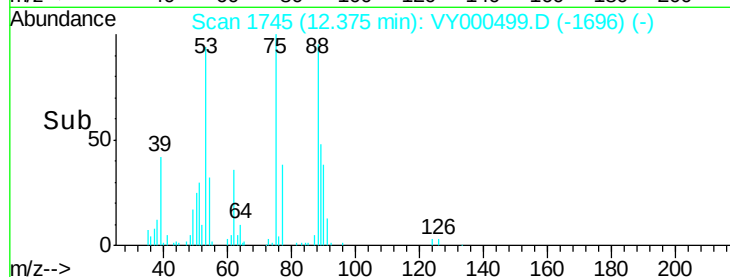
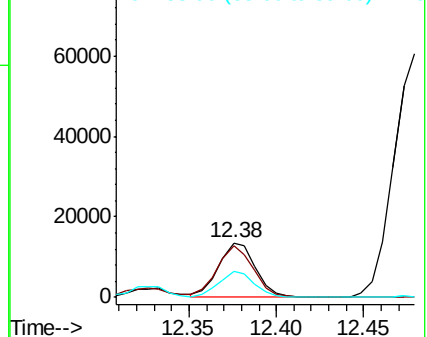
75 100

53 94.2 73.2 109.8

89 46.8 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: 20.179 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000499.D

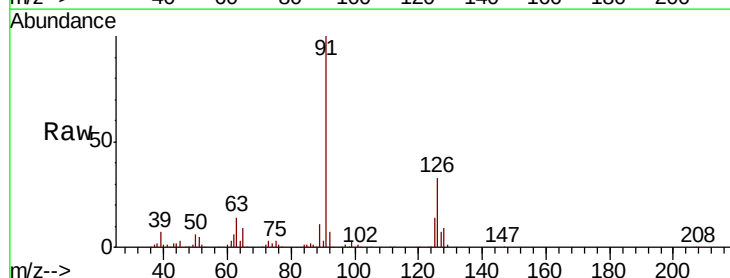
Acq: 31 Oct 2019 12:44

Tgt Ion: 91 Resp: 202999

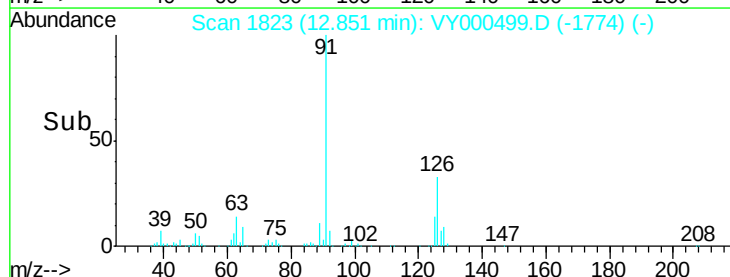
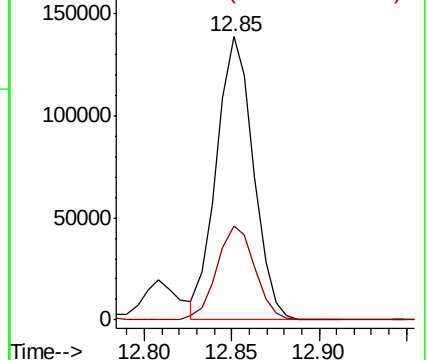
Ion Ratio Lower Upper

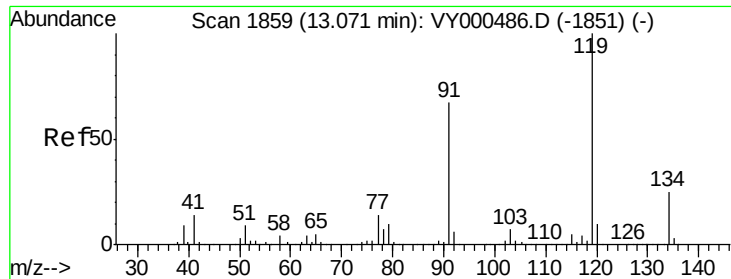
91 100

126 34.1 17.6 52.9



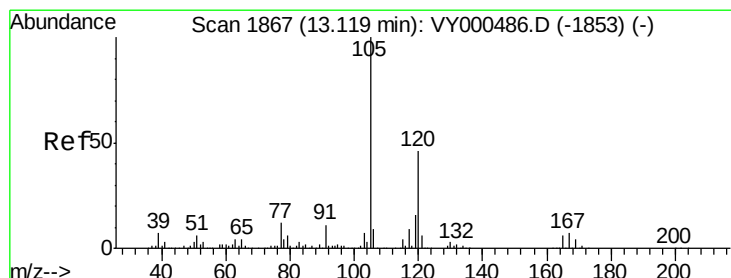
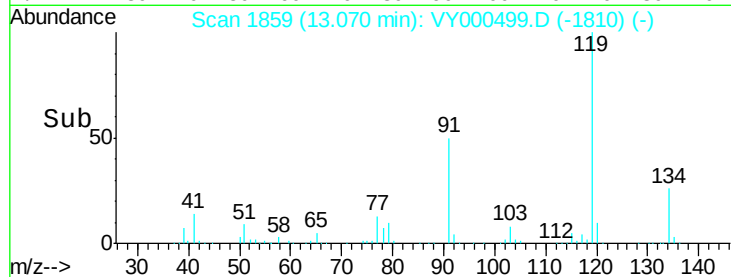
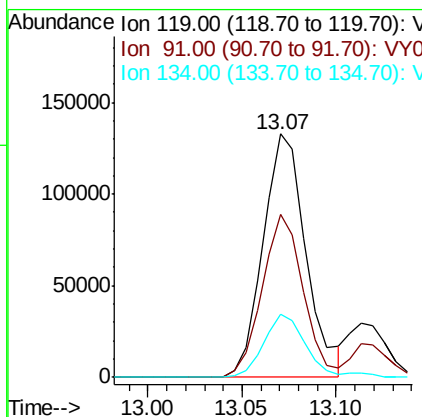
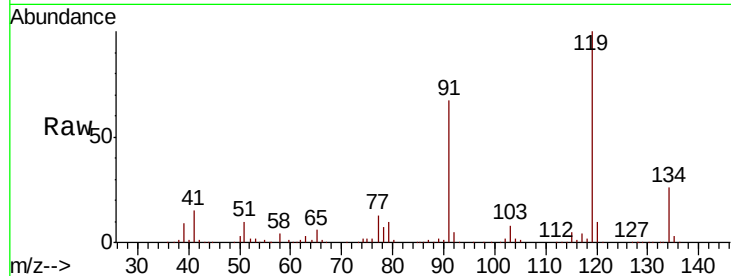
Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





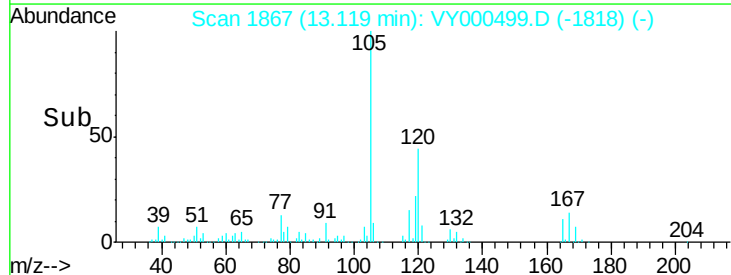
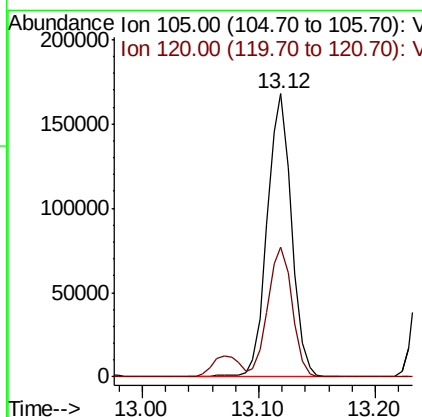
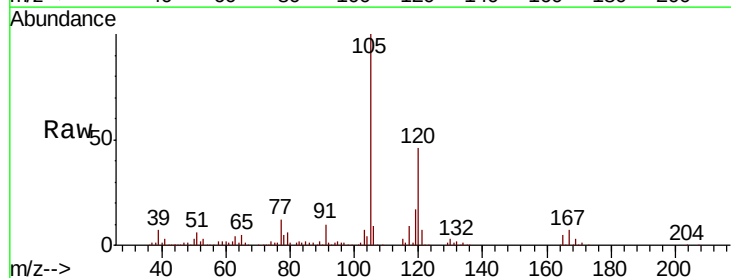
#83
 tert-Butylbenzene
 Concen: 20.374 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

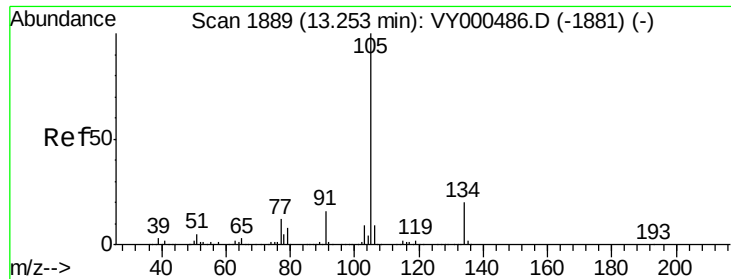
Tot Ion:	119	Resp:	209905
Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.8	13.2	39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.334 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion:	105	Resp:	244293
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.186 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000499.D

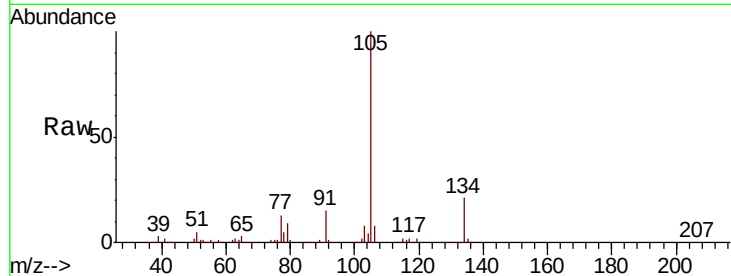
Acq: 31 Oct 2019 12:44

Tot Ion:105 Resp: 296293

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

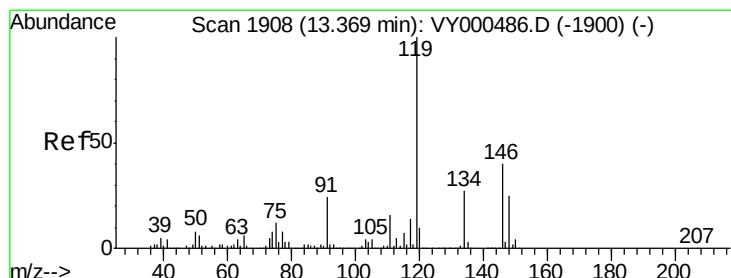
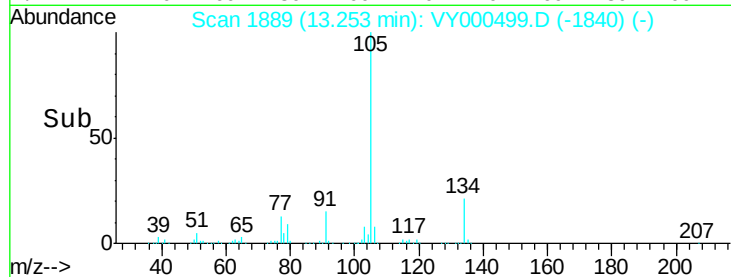
0

13.25

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.952 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

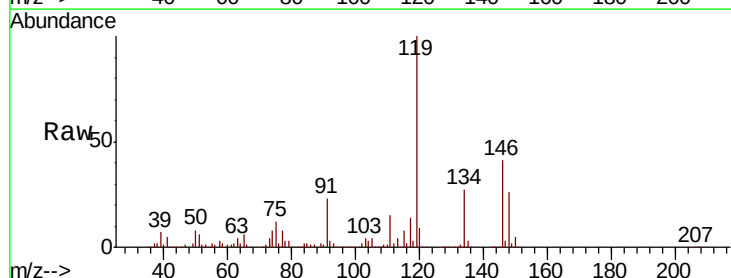
Tgt Ion:119 Resp: 261022

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.3 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

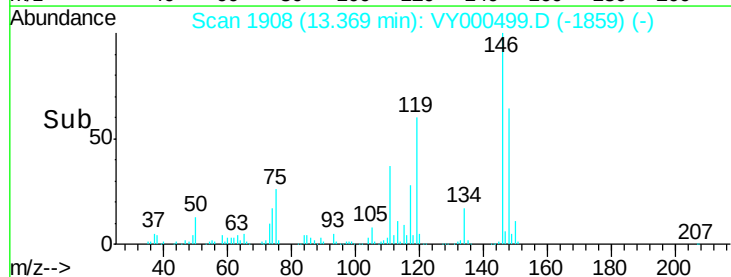
0

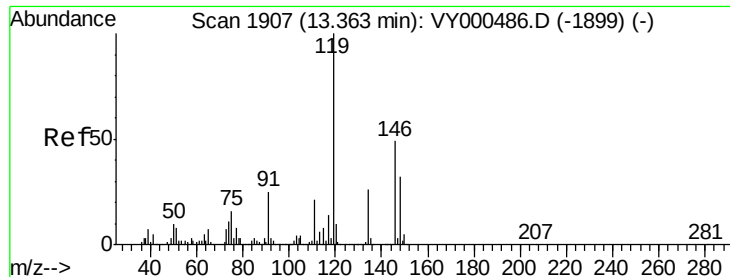
13.37

13.30

13.40

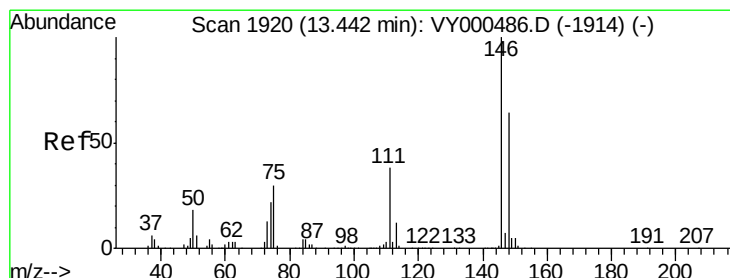
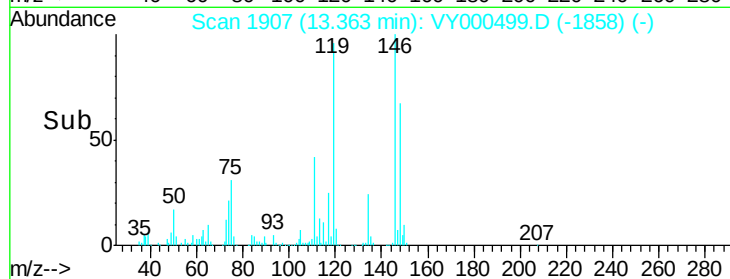
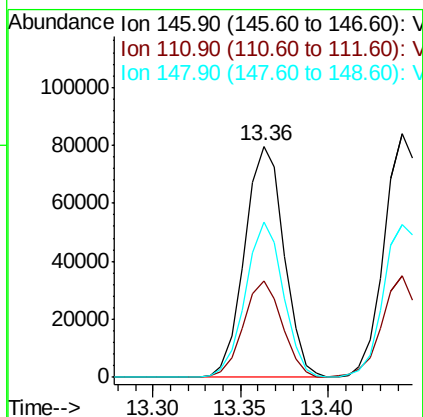
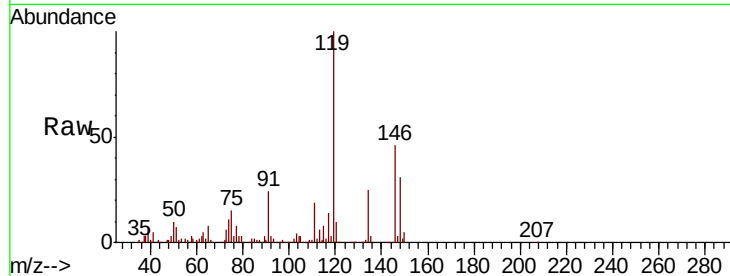
Time-->





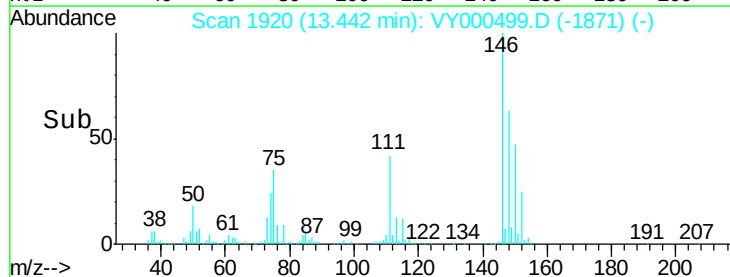
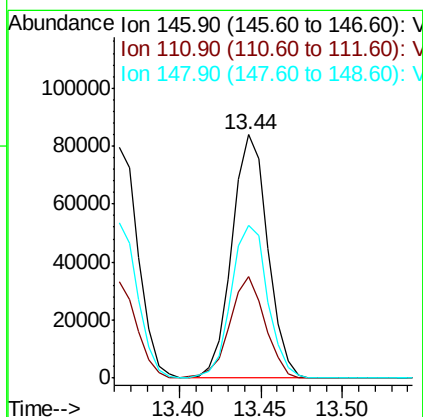
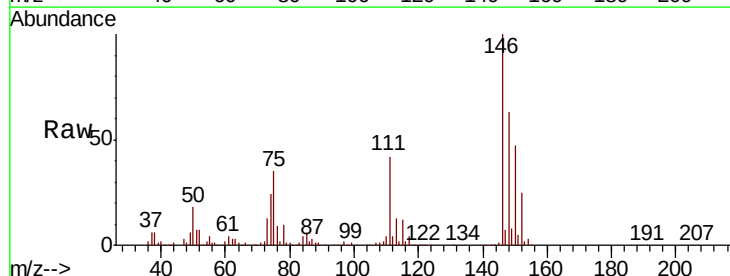
#87
 1,3-Dichlorobenzene
 Concen: 19.341 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

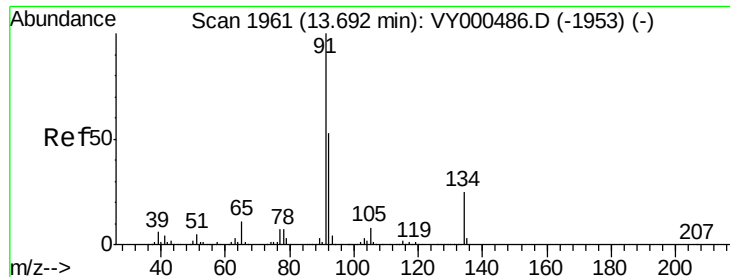
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	64.9	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.7	59.0
148	64.0	31.9	95.7





#89

n-Butylbenzene

Concen: 19.958 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

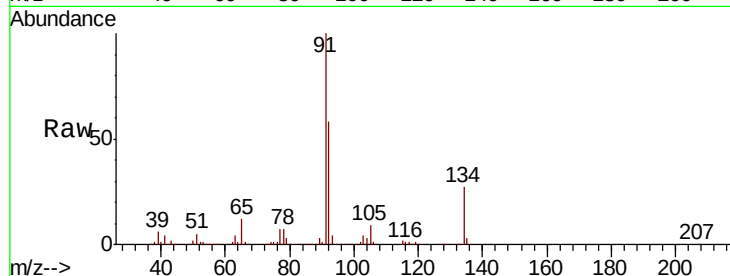
Tot Ion: 91 Resp: 257514

Ion Ratio Lower Upper

91 100

92 55.3 26.8 80.3

134 26.6 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000486.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000486.D (-1953) (-)

13.69

200000

150000

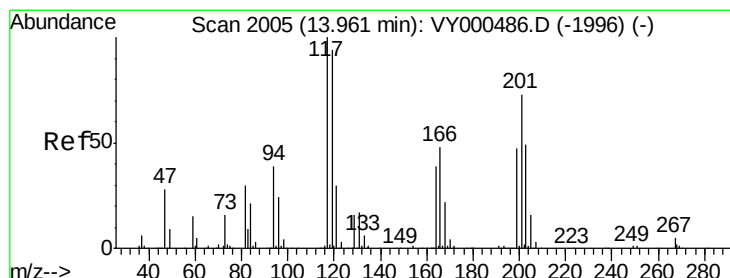
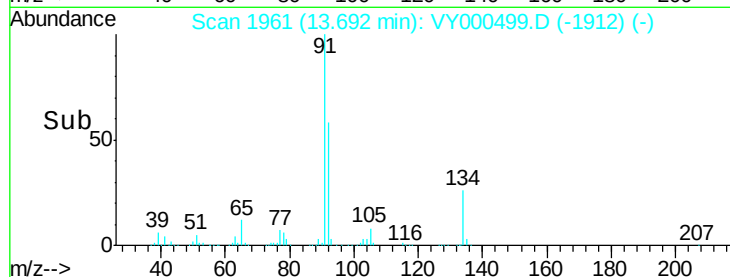
100000

50000

0

13.60 13.65 13.70 13.75

Time-->



#90

Hexachloroethane

Concen: 19.386 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000499.D

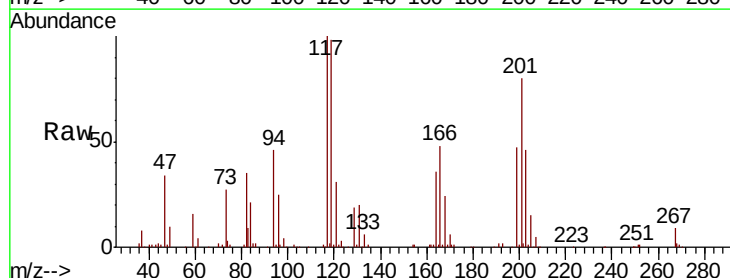
Acq: 31 Oct 2019 12:44

Tgt Ion: 117 Resp: 46885

Ion Ratio Lower Upper

117 100

201 73.5 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000486.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000486.D (-1996) (-)

13.96

30000

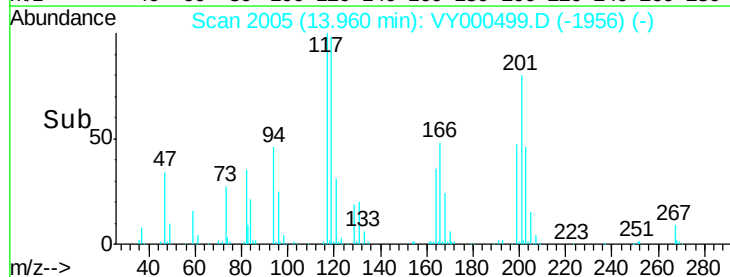
20000

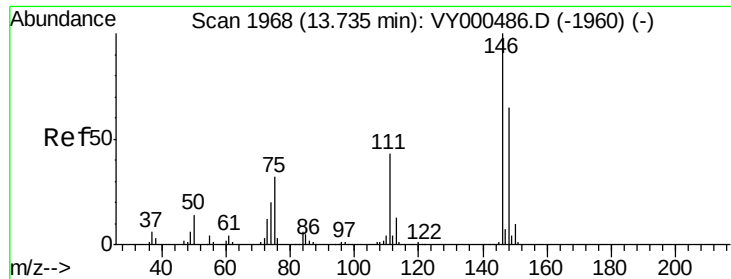
10000

0

13.90 13.95 14.00

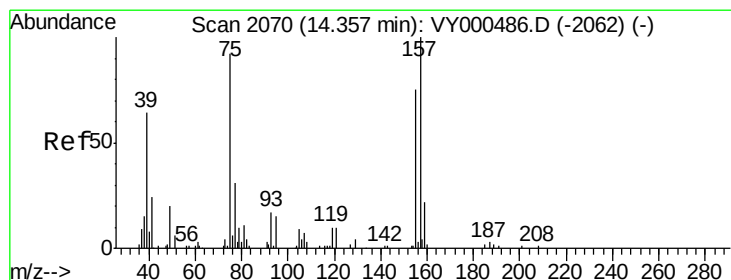
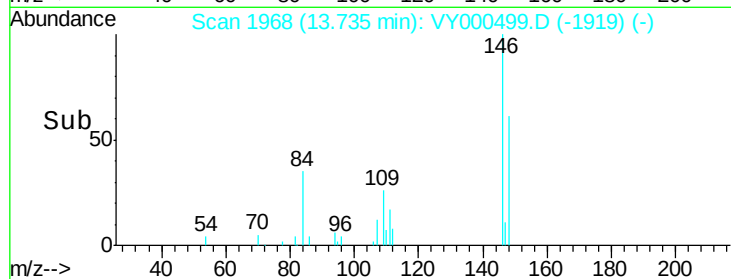
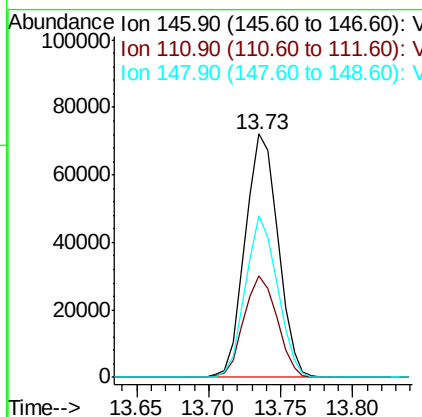
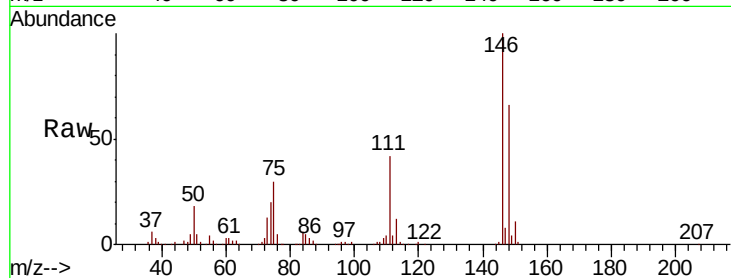
Time-->





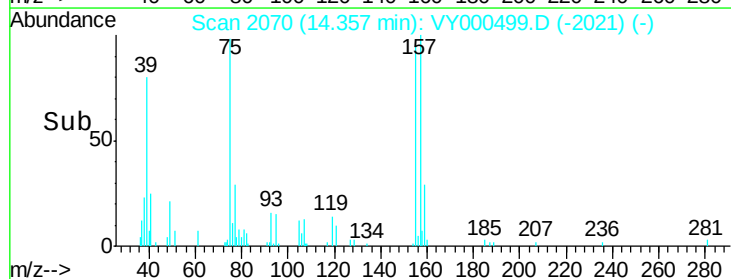
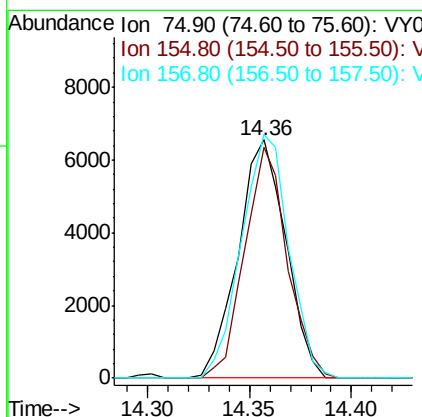
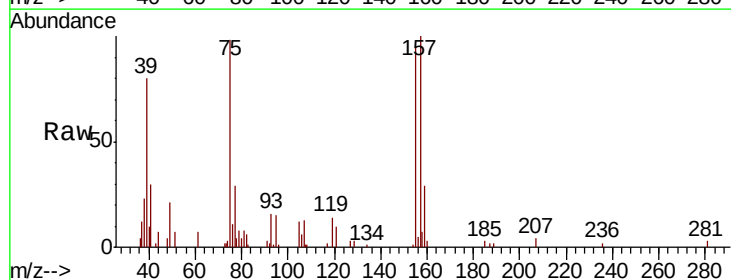
#91
 1,2-Dichlorobenzene
 Concen: 19.542 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

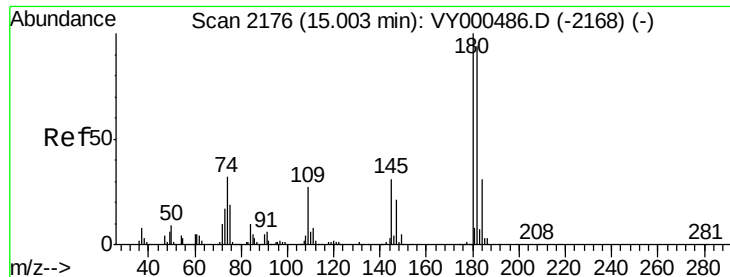
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	64.7	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.011 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

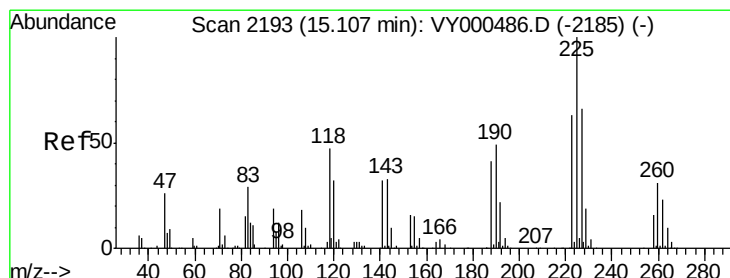
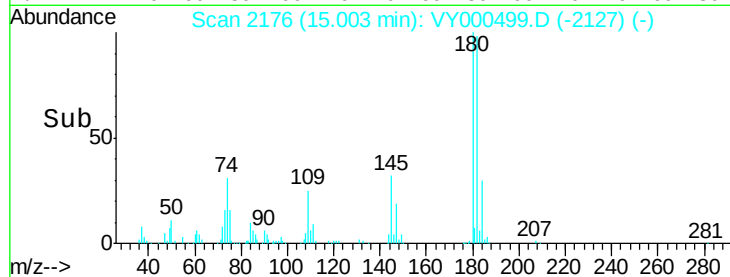
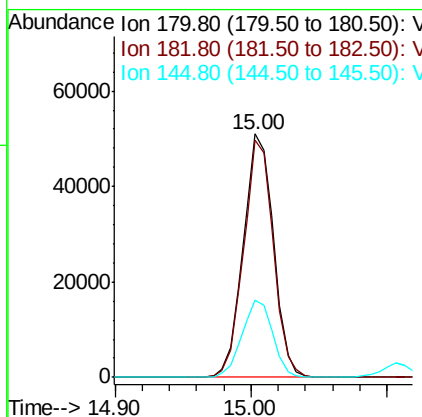
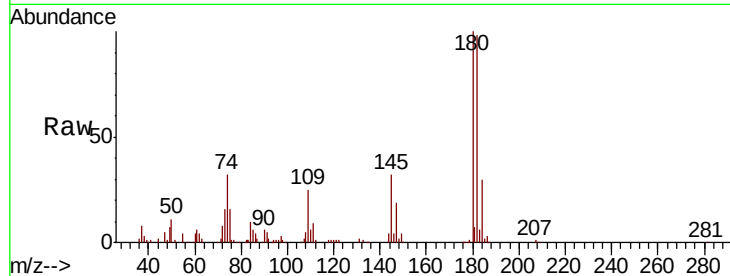
Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	42.4	127.1
157	101.6	55.1	165.3





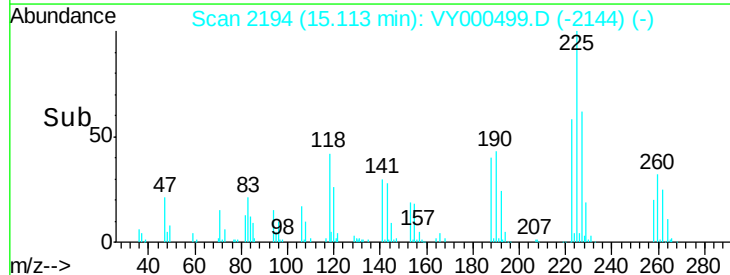
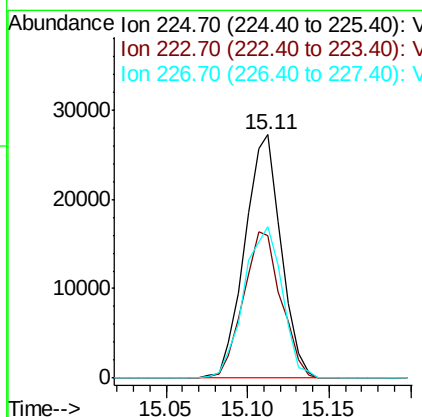
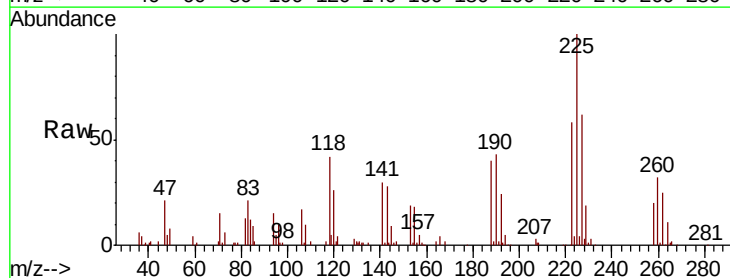
#93
 1,2,4-Trichlorobenzene
 Concen: 19.962 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

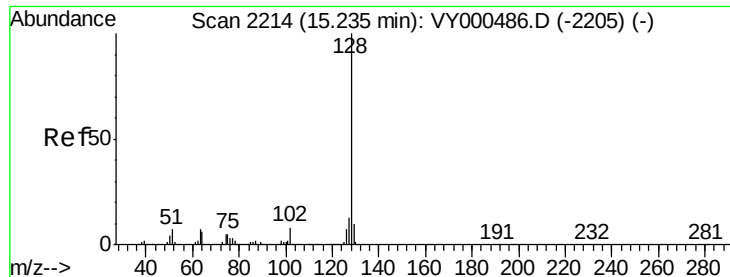
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	32.3	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.534 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000499.D
 Acq: 31 Oct 2019 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	65.8	32.4	97.0





#95

Naphthalene

Concen: 20.787 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

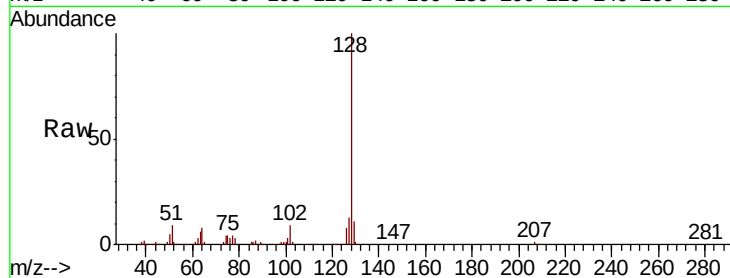
Tot Ion:128 Resp: 183458

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.6

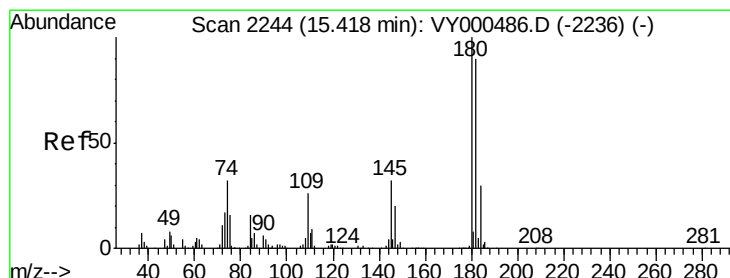
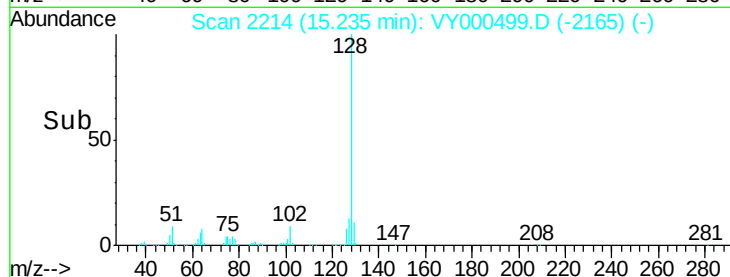
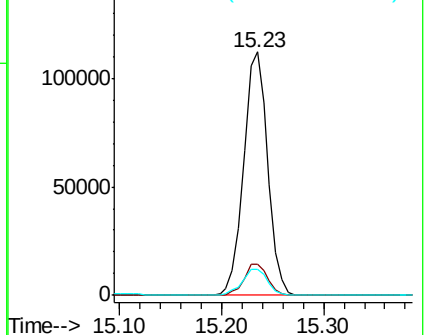
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.103 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000499.D

Acq: 31 Oct 2019 12:44

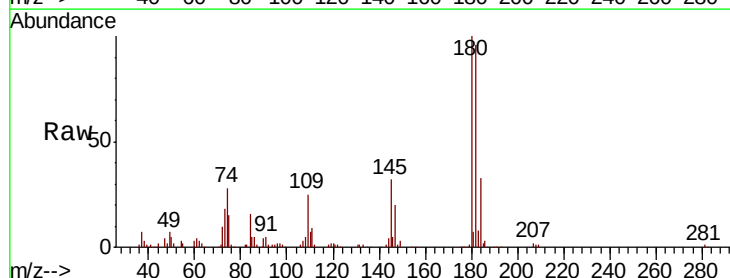
Tgt Ion:180 Resp: 71703

Ion Ratio Lower Upper

180 100

182 96.5 47.4 142.3

145 33.2 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

