

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002397.D
 Acq On : 17 Apr 2020 14:28
 Operator : SY/MD
 Sample : L2271-05MS
 Misc : 3.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:36:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	100008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	162892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	108097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	29028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	48775	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	
35) Dibromofluoromethane	7.74	113	54675	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
50) Toluene-d8	10.19	98	184316	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.49	95	35988	26.89	ug/l	0.00
Spiked Amount			Recovery	=	53.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	57687	57.074	ug/l	95
3) Chloromethane	2.12	50	72894	57.303	ug/l	100
4) Vinyl Chloride	2.26	62	76739	56.677	ug/l	99
5) Bromomethane	2.66	94	44057	52.692	ug/l	100
6) Chloroethane	2.81	64	46962	60.141	ug/l	96
7) Trichlorofluoromethane	3.14	101	95918	54.855	ug/l	92
8) Diethyl Ether	3.55	74	45886	61.728	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.93	101	58293	49.078	ug/l	98
10) Methyl Iodide	4.11	142	66394	48.089	ug/l	95
11) Tert butyl alcohol	4.98	59	31118	264.615	ug/l #	91
12) 1,1-Dichloroethene	3.90	96	67424	55.834	ug/l	87
13) Acrolein	3.75	56	290	2.022	ug/l #	35
14) Allyl chloride	4.51	41	85907	44.055	ug/l #	92
15) Acrylonitrile	5.19	53	84105	221.249	ug/l	100
16) Acetone	3.97	43	59795	204.132	ug/l	92
17) Carbon Disulfide	4.22	76	177859	44.349	ug/l	98
18) Methyl Acetate	4.51	43	132473	145.801	ug/l	90
19) Methyl tert-butyl Ether	5.25	73	185710	58.498	ug/l	98
20) Methylene Chloride	4.74	84	80798	56.119	ug/l	91
21) trans-1,2-Dichloroethene	5.25	96	67917	50.107	ug/l	91
22) Diisopropyl ether	6.15	45	203450	51.844	ug/l #	89
23) Vinyl Acetate	6.14	43	93311	37.312	ug/l #	71
24) 1,1-Dichloroethane	6.05	63	123707	55.421	ug/l	98
25) 2-Butanone	7.01	43	89287	192.609	ug/l	91
26) 2,2-Dichloropropane	7.00	77	94388	50.551	ug/l	95
27) cis-1,2-Dichloroethene	7.01	96	75430	51.051	ug/l	92
28) Bromochloromethane	7.36	49	44349	46.026	ug/l	84
29) Tetrahydrofuran	7.37	42	69846	227.936	ug/l #	87
30) Chloroform	7.53	83	114080	54.218	ug/l	97
31) Cyclohexane	7.80	56	82913	35.387	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	91804	52.420	ug/l	97
36) 1,1-Dichloropropene	7.94	75	76961	47.967	ug/l	96
37) Ethyl Acetate	7.10	43	6271	6.842	ug/l #	78
38) Carbon Tetrachloride	7.92	117	73135	53.290	ug/l	96

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

39) Methylcyclohexane	9.19	83	66289	30.372	ug/l	91
40) Benzene	8.18	78	275960	56.689	ug/l	100
41) Methacrylonitrile	7.37	41	52786	97.623	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	61847	51.289	ug/l	94
43) Isopropyl Acetate	8.29	43	18476	11.052	ug/l #	58
44) Trichloroethene	8.96	130	67241	46.982	ug/l	91
45) 1,2-Dichloropropane	9.23	63	68309	56.556	ug/l	99
46) Dibromomethane	9.32	93	33799	53.520	ug/l	97
47) Bromodichloromethane	9.51	83	77421	53.429	ug/l #	98
48) Methyl methacrylate	9.30	41	32658	43.569	ug/l	86
49) 1,4-Dioxane	9.30	88	11765	1316.998	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	169194	194.235	ug/l	92
52) Toluene	10.25	92	140308	47.827	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	65739	41.639	ug/l	95
54) cis-1,3-Dichloropropene	9.94	75	84251	44.387	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	51429	55.625	ug/l	98
56) Ethyl methacrylate	10.52	69	5654	4.285	ug/l #	75
57) 1,3-Dichloropropane	10.80	76	83816	51.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	152652	223.388	ug/l	95
59) 2-Hexanone	10.84	43	88898	147.048	ug/l	90
60) Dibromochloromethane	10.99	129	49560	50.270	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42138	47.873	ug/l	99
64) Tetrachloroethene	10.73	164	58692	53.704	ug/l	98
65) Chlorobenzene	11.52	112	112615	50.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	52104	70.233	ug/l	99
67) Ethyl Benzene	11.60	91	218630	53.148	ug/l	99
68) m/p-Xylenes	11.71	106	152413	98.923	ug/l	97
69) o-Xylene	12.03	106	78465	54.245	ug/l	94
70) Styrene	12.05	104	103278	41.154	ug/l	98
71) Bromoform	12.22	173	23774	58.928	ug/l #	99
73) Isopropylbenzene	12.33	105	176967	77.601	ug/l	98
74) N-amyl acetate	12.14	43	1229	1.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	31612	114.575	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	53021	157.295	ug/l #	100
77) Bromobenzene	12.61	156	34134	68.033	ug/l	99
78) n-propylbenzene	12.67	91	172947	60.978	ug/l	99
79) 2-Chlorotoluene	12.76	91	97341	63.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	127843	67.785	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	13553	78.202	ug/l	97
82) 4-Chlorotoluene	12.86	91	88294	54.654	ug/l	97
83) tert-Butylbenzene	13.08	119	107495	68.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	116150	61.673	ug/l	100
85) sec-Butylbenzene	13.26	105	109263	46.429	ug/l	99
86) p-Isopropyltoluene	13.38	119	15672	7.738	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	47427	48.776	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	45138	45.732	ug/l	98
89) n-Butylbenzene	13.70	91	47433	22.847	ug/l	98
90) Hexachloroethane	13.97	117	21095	54.655	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	42841	48.488	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4837	72.487	ug/l	87

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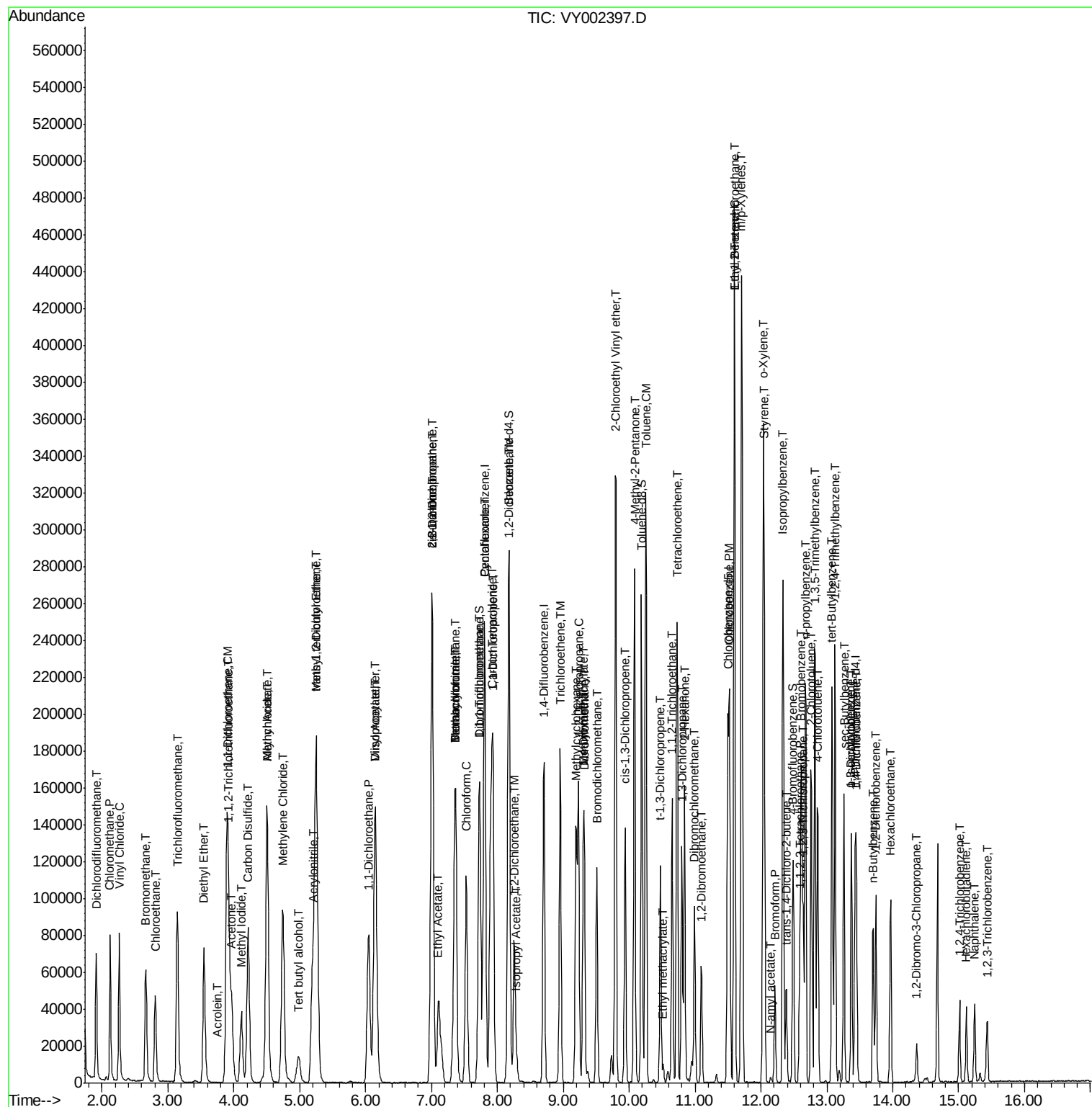
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	13261	22.962	ug/l	99
94) Hexachlorobutadiene	15.12	225	7167	24.640	ug/l	97
95) Naphthalene	15.25	128	35083	27.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	11095	22.125	ug/l	99

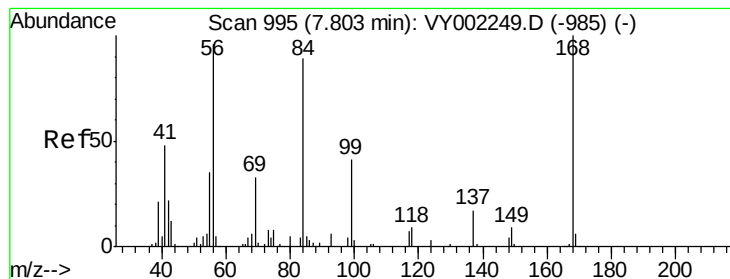
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

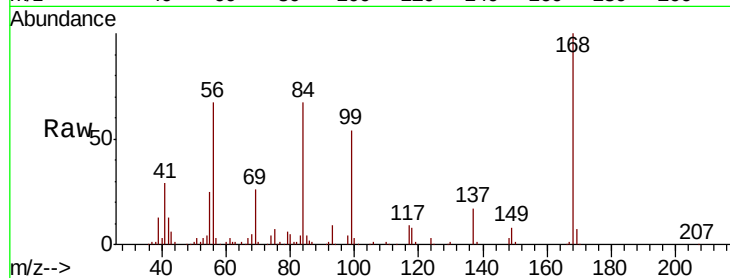
ClientSampleId :

Tot Ion:168 Resp: 100008

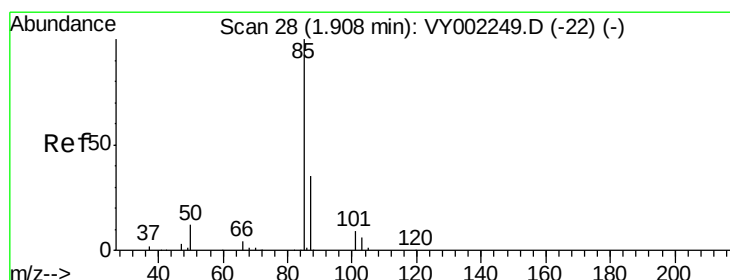
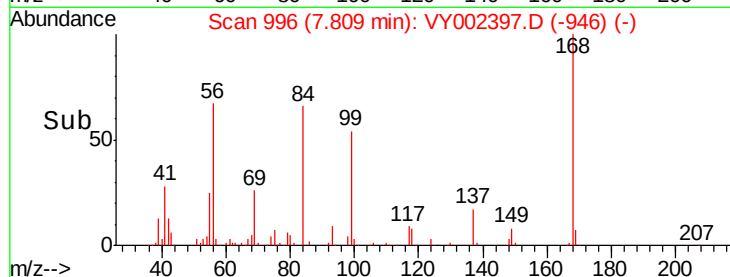
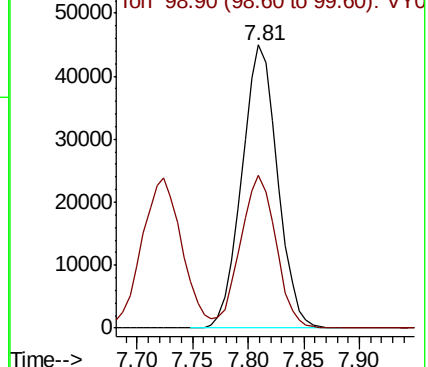
Ion Ratio Lower Upper

168 100

99 53.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 57.074 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002397.D

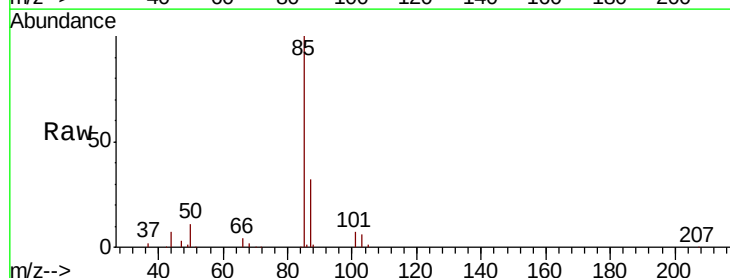
Acq: 17 Apr 2020 14:28

Tgt Ion: 85 Resp: 57687

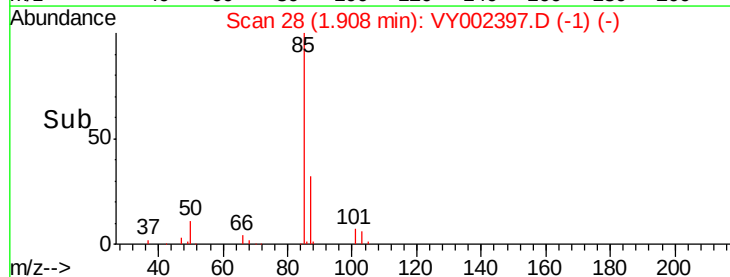
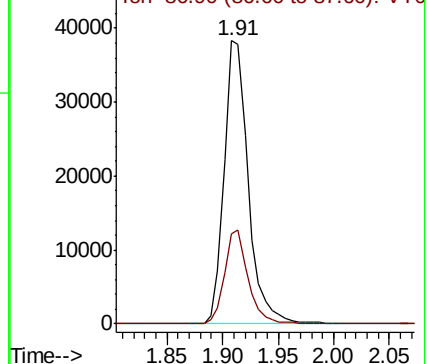
Ion Ratio Lower Upper

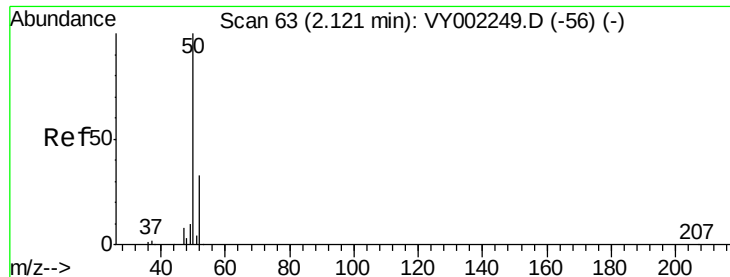
85 100

87 31.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 57.303 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

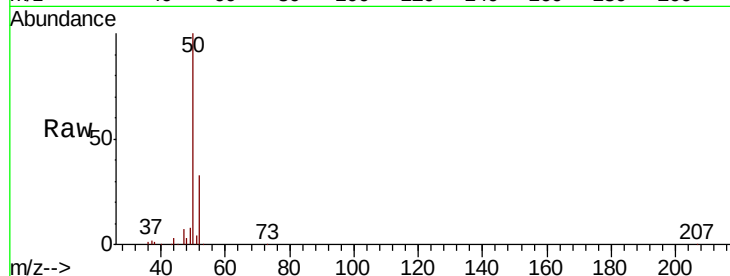
ClientSampleId :

Tot Ion: 50 Resp: 72894

Ion Ratio Lower Upper

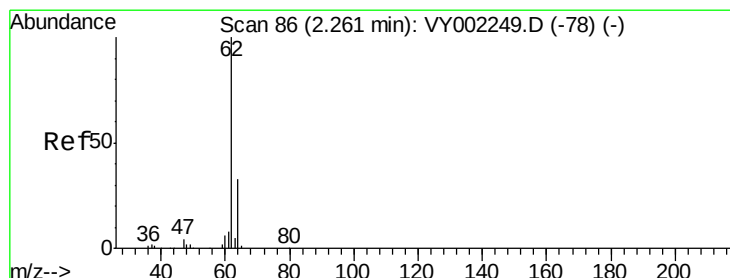
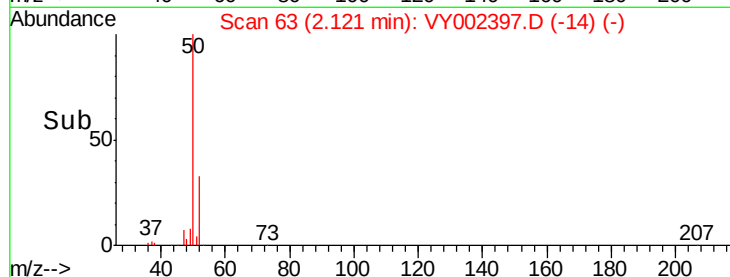
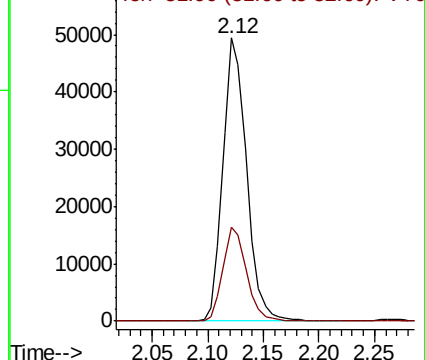
50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 56.677 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002397.D

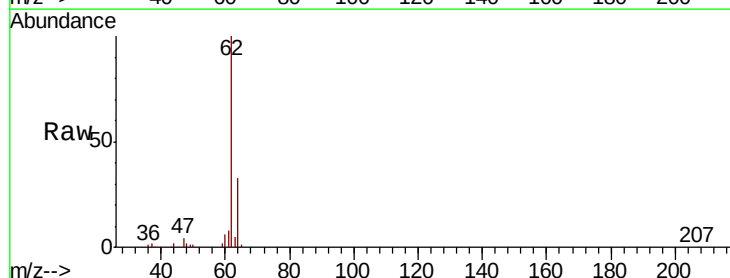
Acq: 17 Apr 2020 14:28

Tgt Ion: 62 Resp: 76739

Ion Ratio Lower Upper

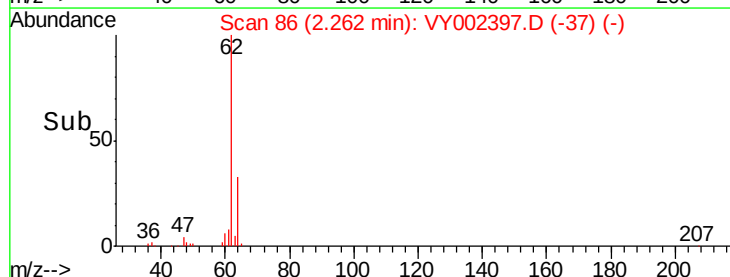
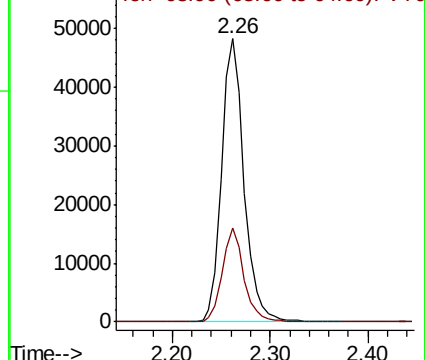
62 100

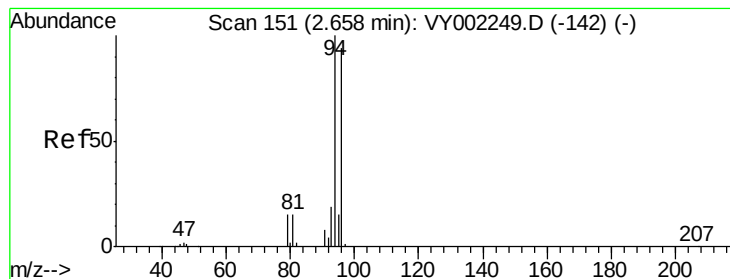
64 33.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.692 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

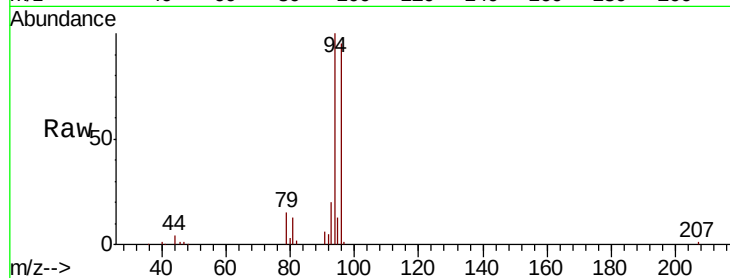
ClientSampleId :

Tot Ion: 94 Resp: 44057

Ion Ratio Lower Upper

94 100

96 94.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

20000

15000

10000

5000

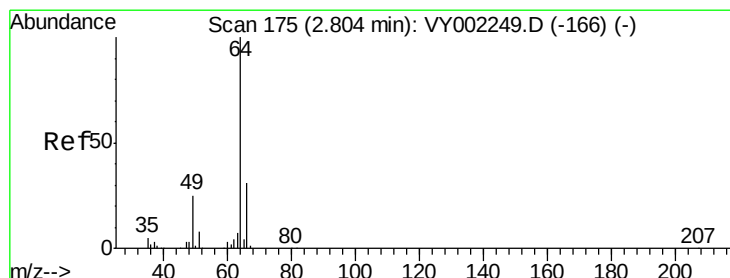
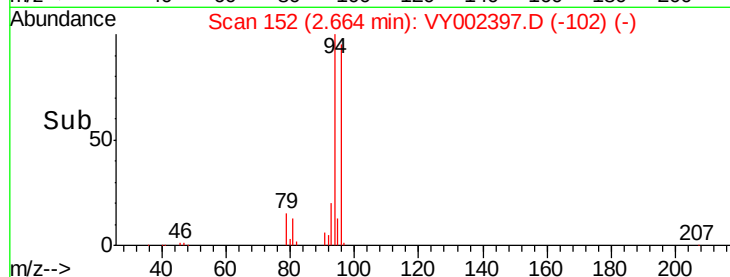
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 60.141 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002397.D

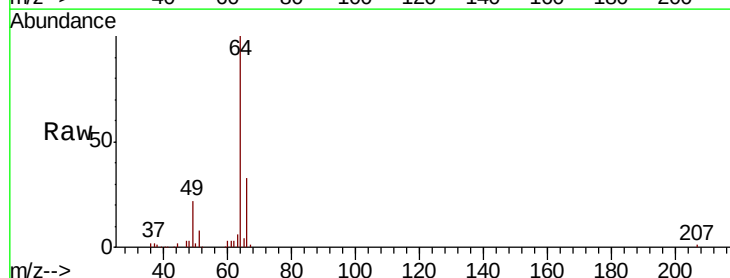
Acq: 17 Apr 2020 14:28

Tgt Ion: 64 Resp: 46962

Ion Ratio Lower Upper

64 100

66 32.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

25000

20000

15000

10000

5000

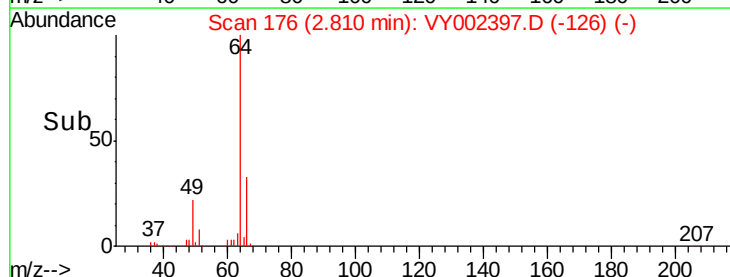
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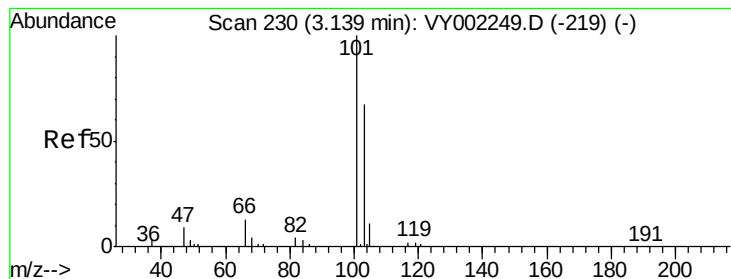
Time-->

2.70

2.80

2.90



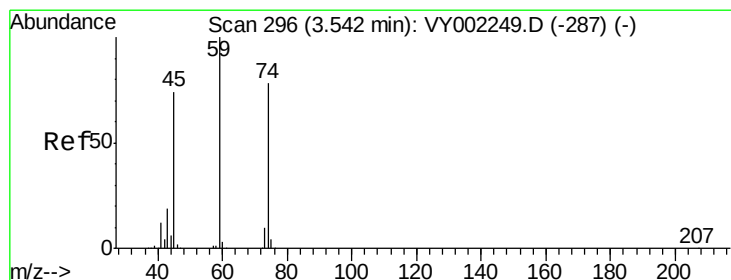
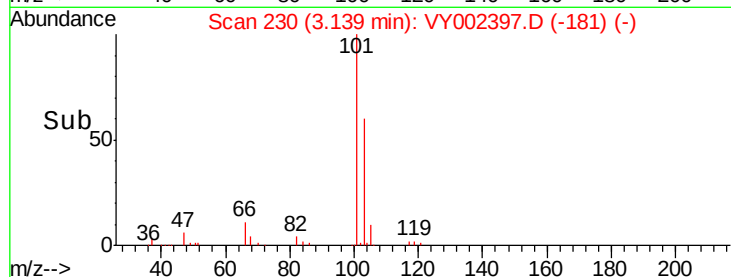
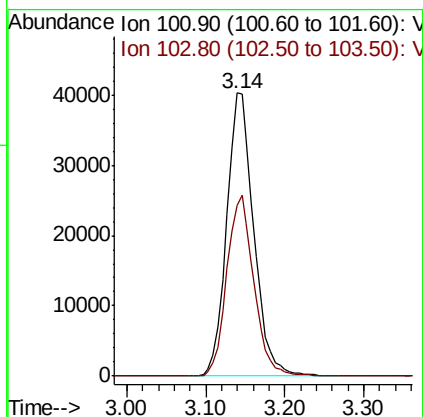
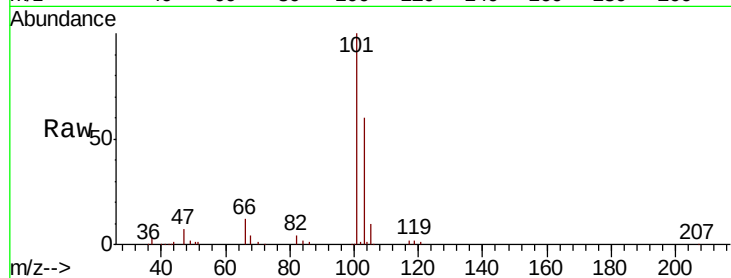


#7

Trichlorofluoromethane
 Concen: 54.855 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

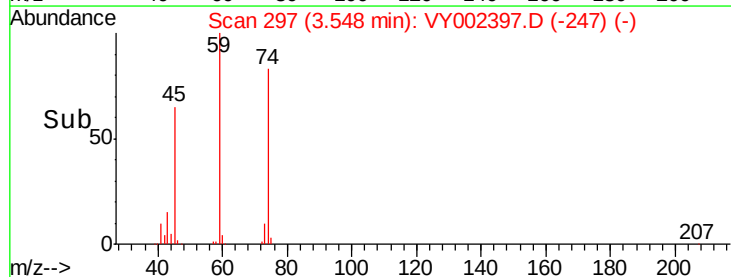
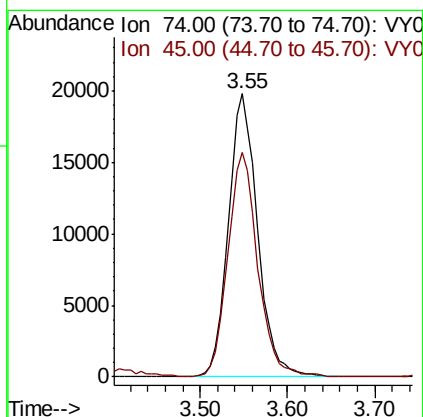
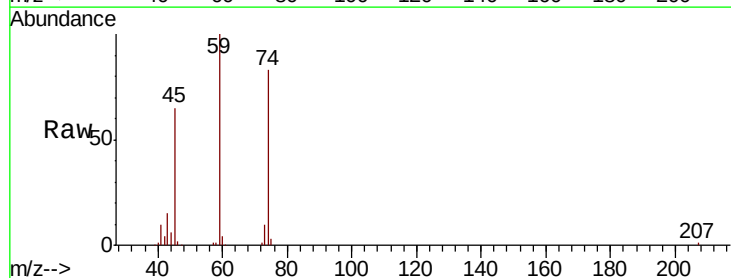
Tot Ion:101 Resp: 95918
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.3 79.9

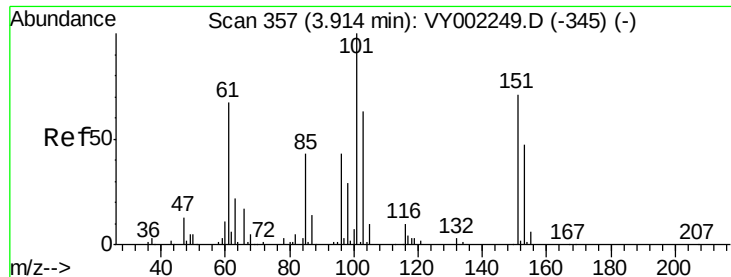


#8

Diethyl Ether
 Concen: 61.728 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 74 Resp: 45886
 Ion Ratio Lower Upper
 74 100
 45 81.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.078 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

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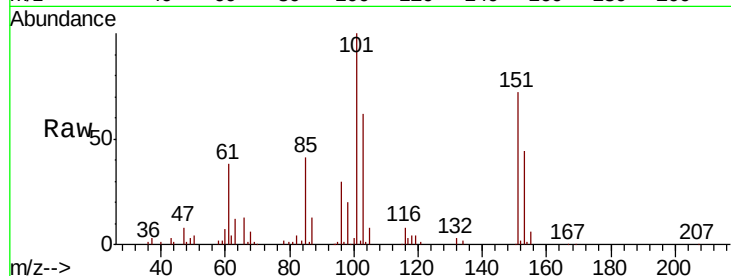
Tot Ion:101 Resp: 58293

Ion Ratio Lower Upper

101 100

85 41.6 34.6 52.0

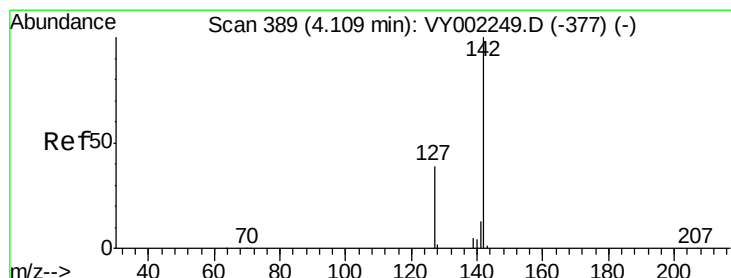
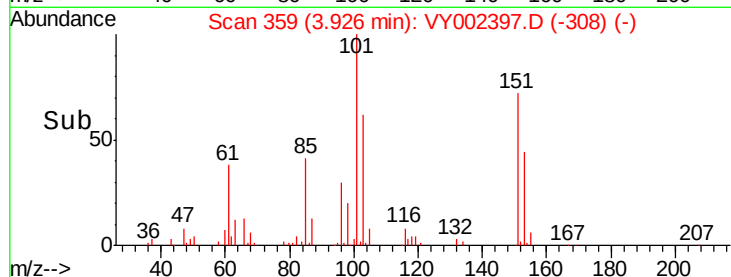
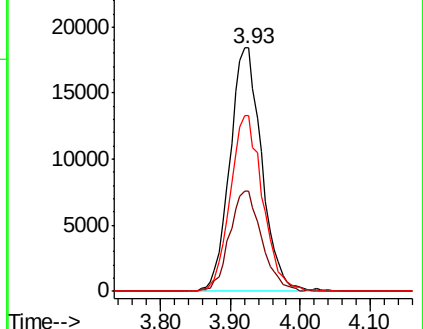
151 73.4 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.089 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

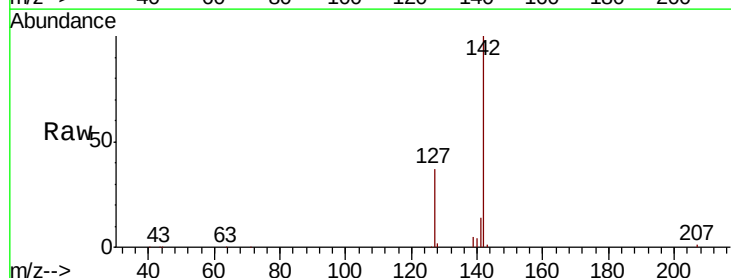
Tgt Ion:142 Resp: 66394

Ion Ratio Lower Upper

142 100

127 36.9 32.4 48.6

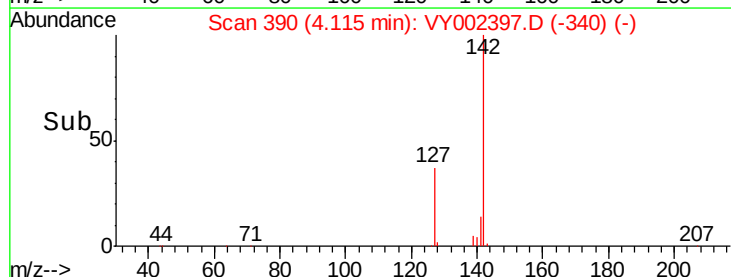
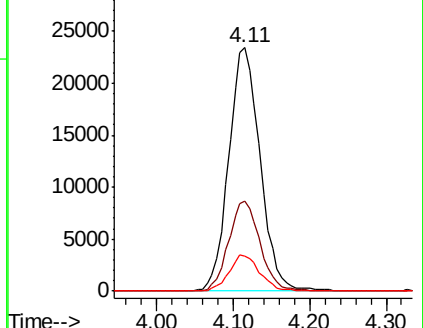
141 14.4 11.2 16.8

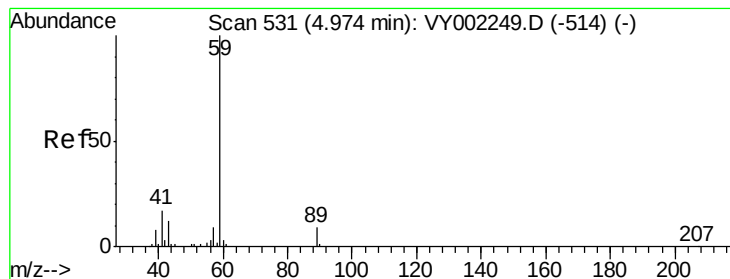


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



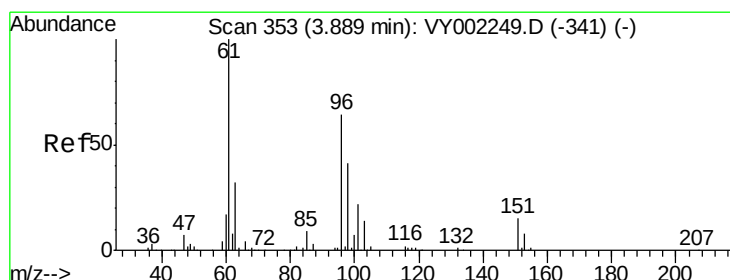
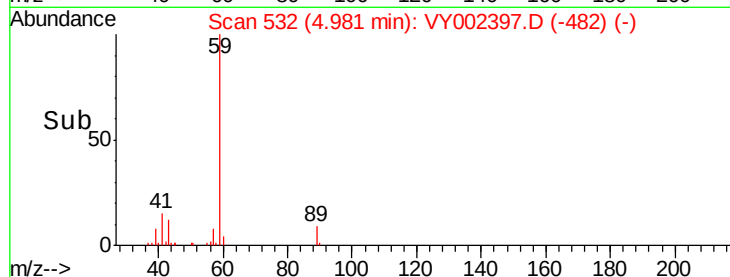
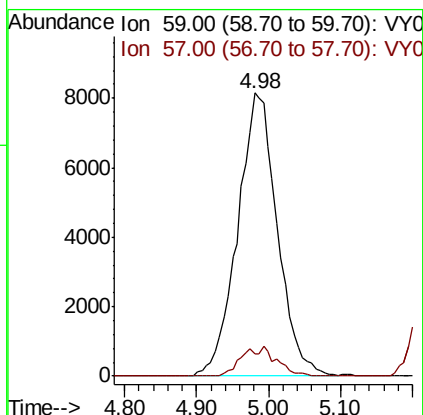
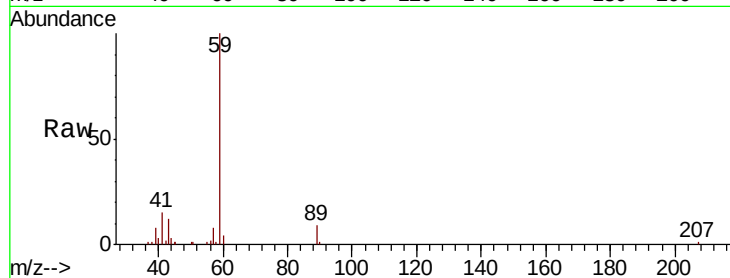


#11

Tert butyl alcohol
Concen: 264.615 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

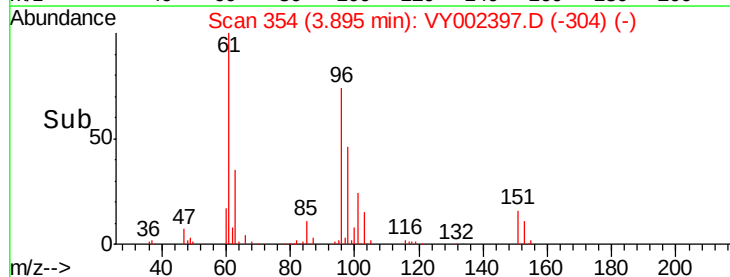
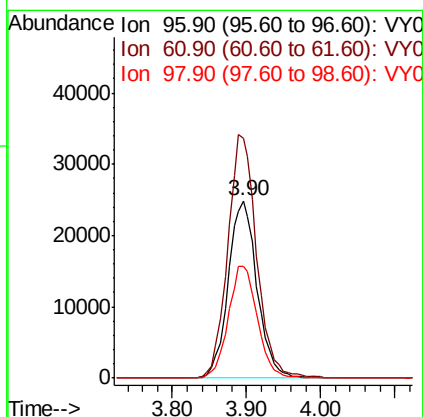
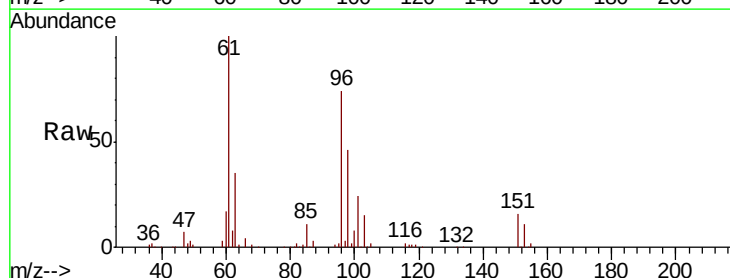
Tot Ion: 59 Resp: 31118
Ion Ratio Lower Upper
59 100
57 4.9 6.6 9.8#

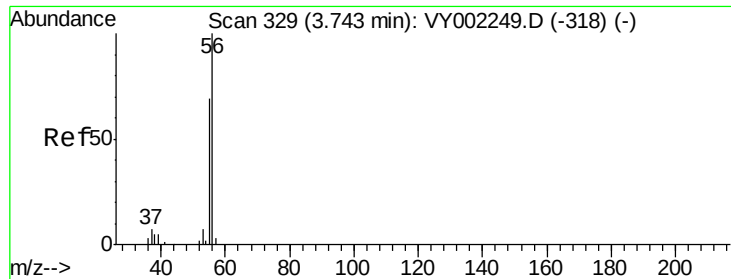


#12

1,1-Dichloroethene
Concen: 55.834 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 96 Resp: 67424
Ion Ratio Lower Upper
96 100
61 134.9 125.9 188.9
98 62.7 51.1 76.7





#13

Acrolein

Concen: 2.022 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

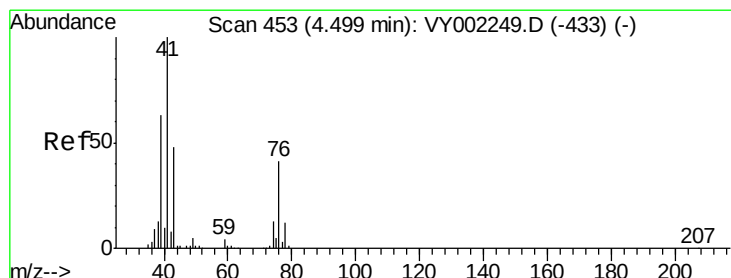
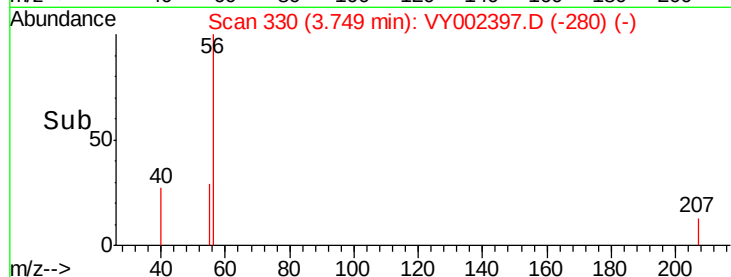
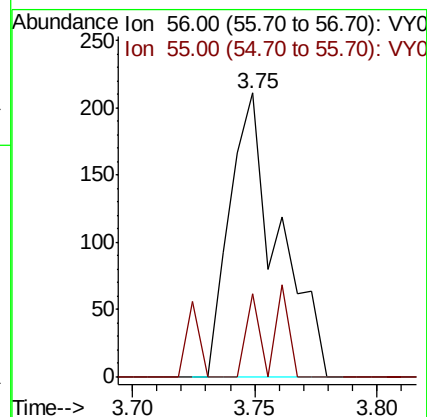
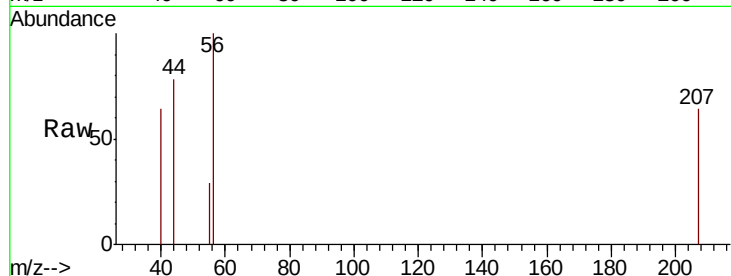
ClientSampleId :

Tot Ion: 56 Resp: 290

Ion Ratio Lower Upper

56 100

55 16.6 55.8 83.8#



#14

Allyl chloride

Concen: 44.055 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

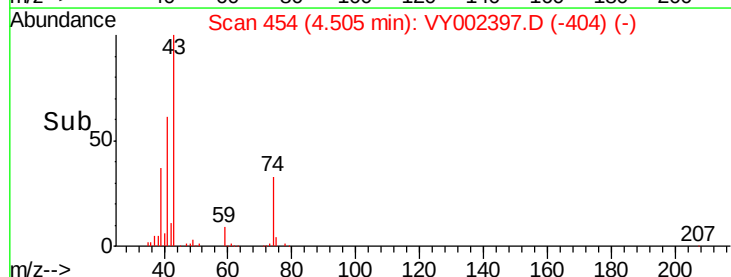
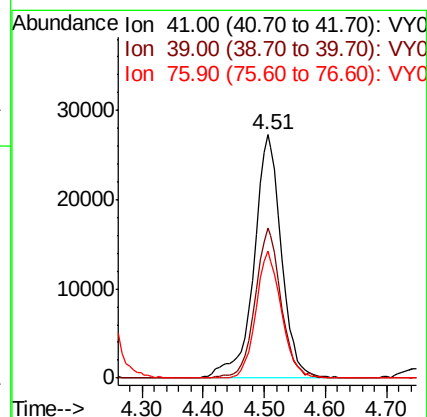
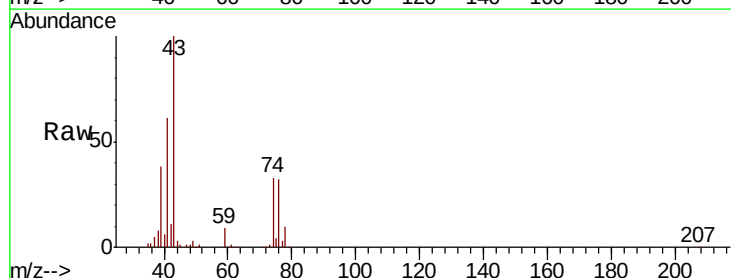
Tgt Ion: 41 Resp: 85907

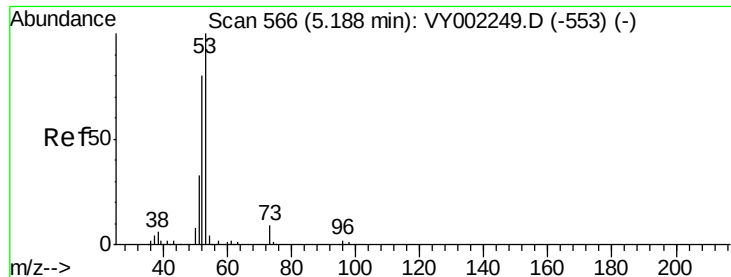
Ion Ratio Lower Upper

41 100

39 58.3 48.0 72.0

76 48.5 31.0 46.6#





#15

Acrylonitrile

Concen: 221.249 ug/l

RT: 5.19 min Scan# 567

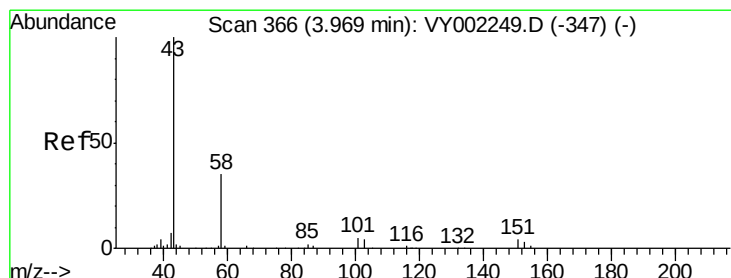
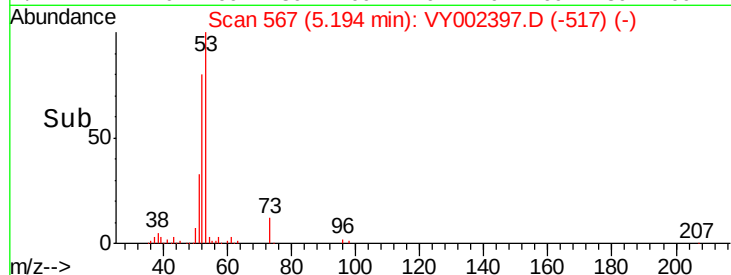
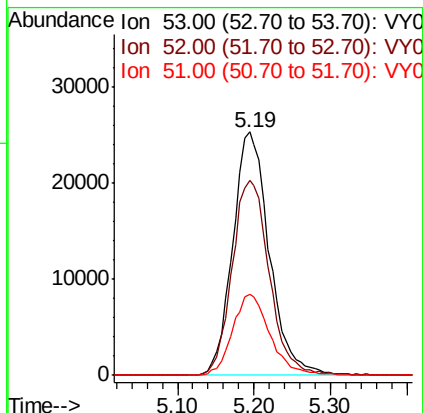
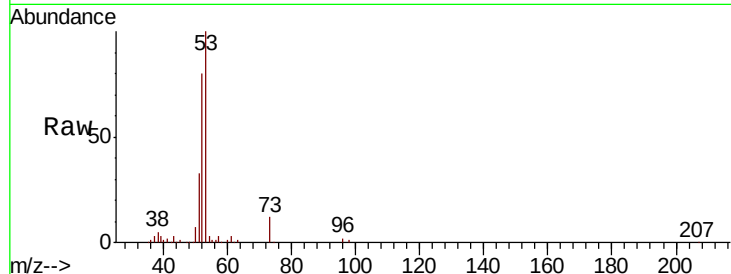
Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	84105
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	34.2	27.1	40.7



#16

Acetone

Concen: 204.132 ug/l

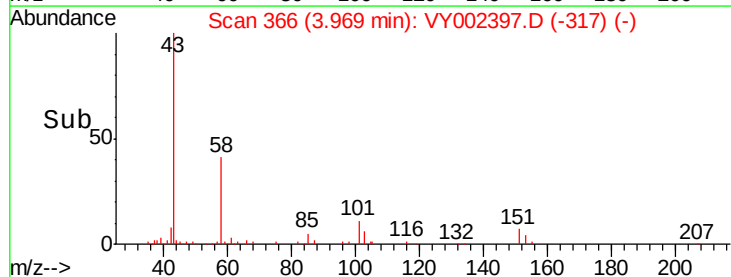
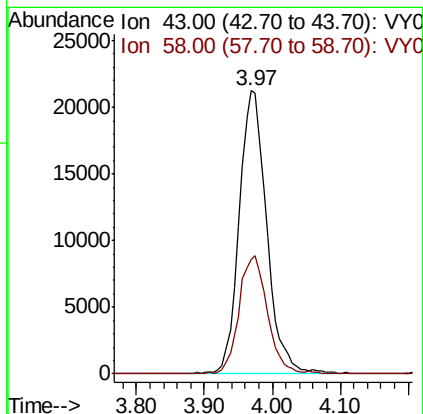
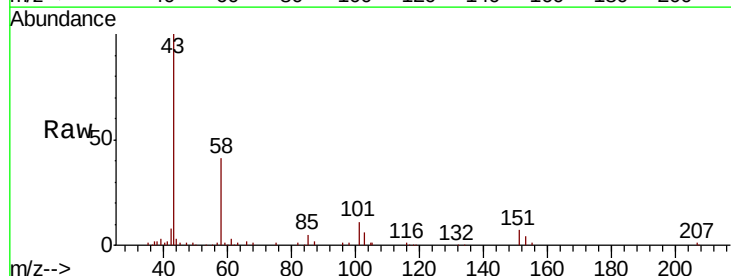
RT: 3.97 min Scan# 366

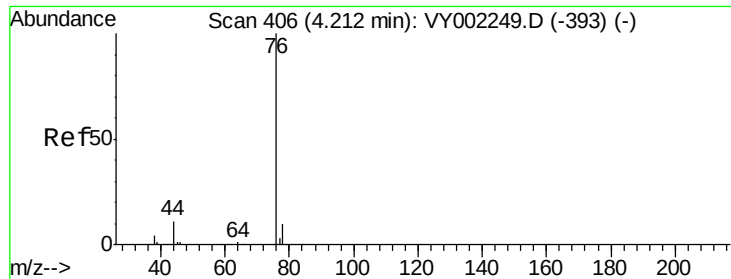
Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Tgt Ion:	43	Resp:	59795
Ion	Ratio	Lower	Upper
43	100		
58	40.5	28.5	42.7

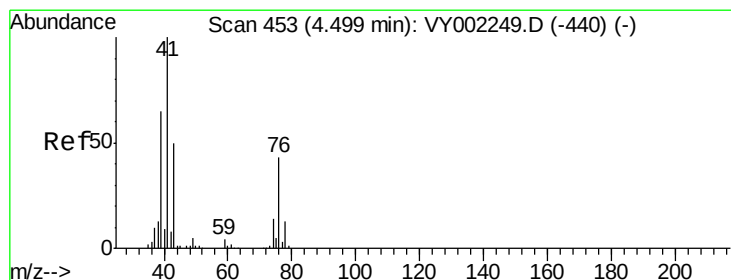
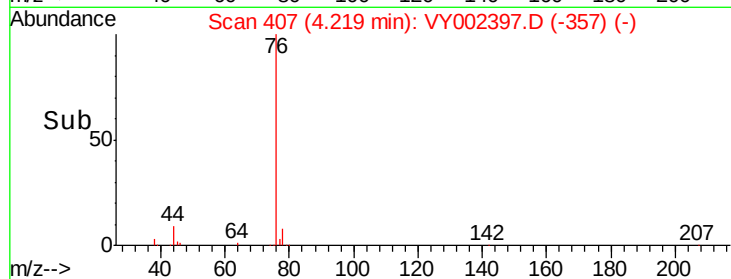
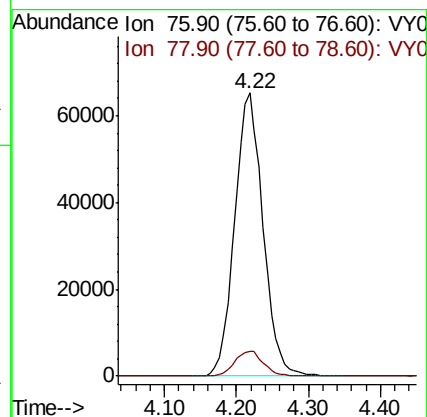
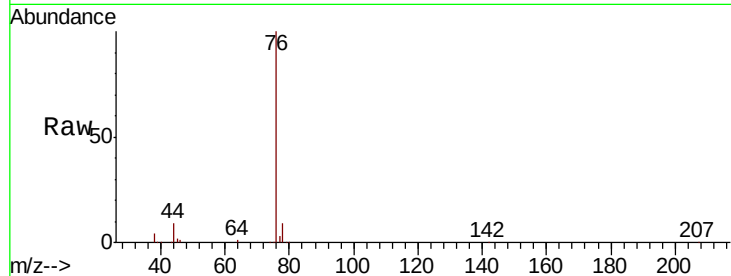




#17
Carbon Disulfide
Concen: 44.349 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

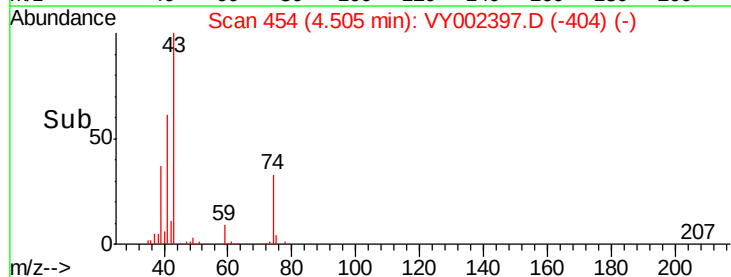
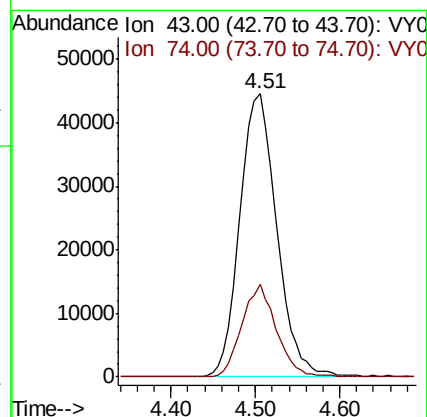
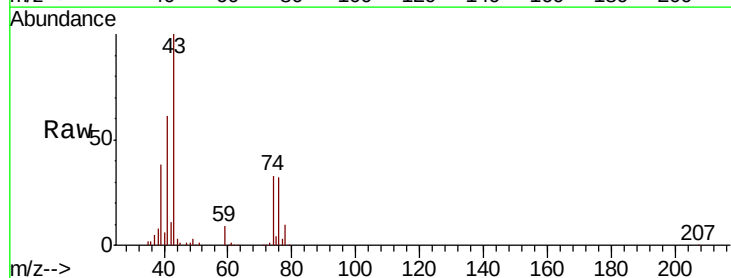
Instrument :
MSVOA_Y
ClientSampleId :

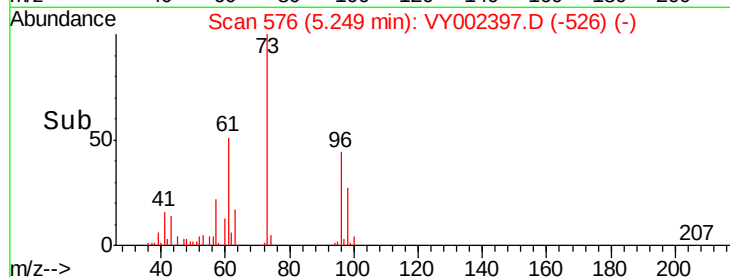
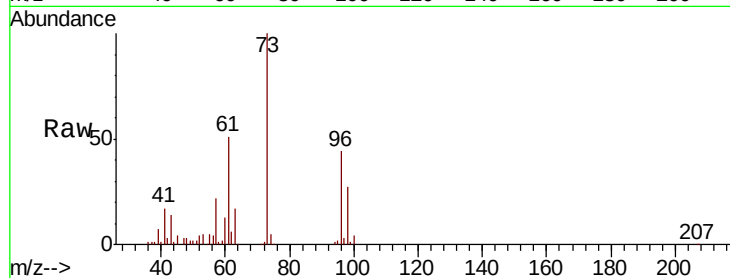
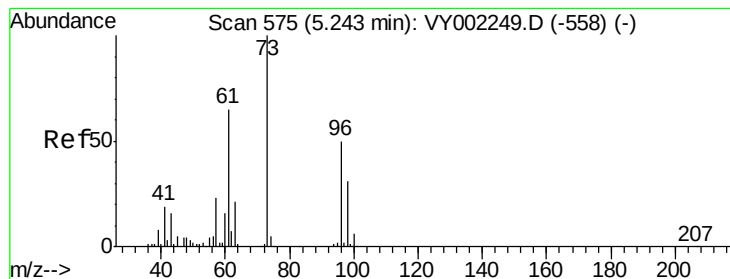
Tot Ion: 76 Resp: 177859
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 145.801 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 43 Resp: 132473
Ion Ratio Lower Upper
43 100
74 30.5 20.3 30.5



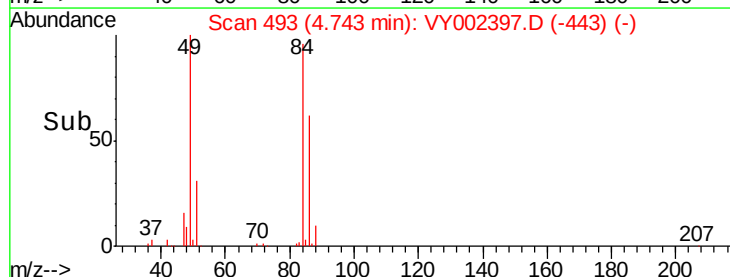
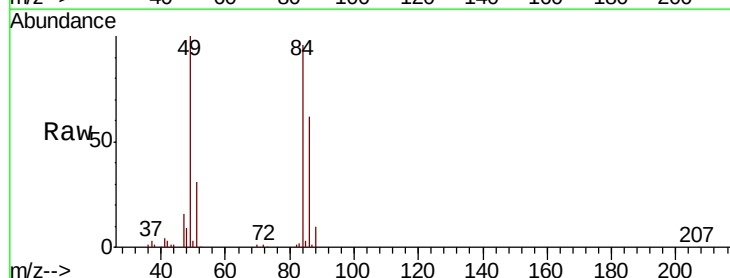
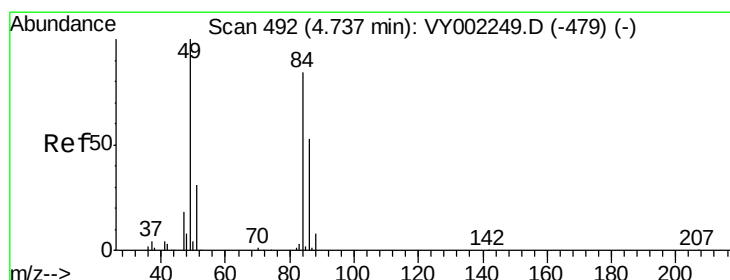
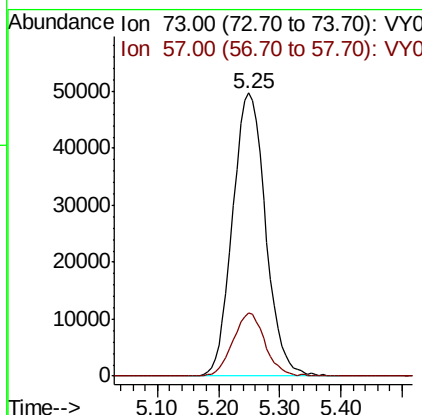


#19

Methyl tert-butyl Ether
 Concen: 58.498 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampled :

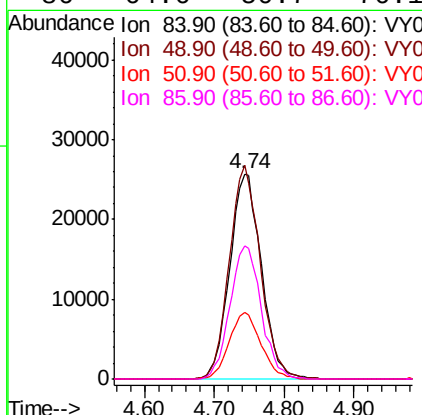
Tot Ion: 73 Resp: 185710
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.7 28.1

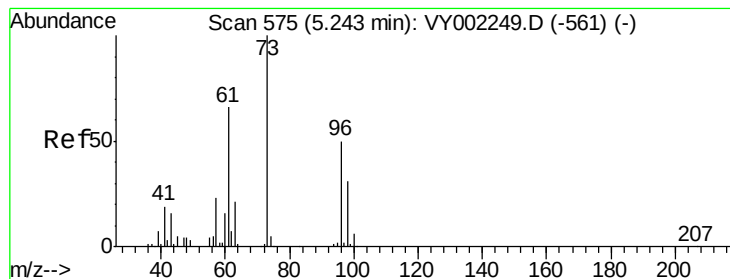


#20

Methylene Chloride
 Concen: 56.119 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 84 Resp: 80798
 Ion Ratio Lower Upper
 84 100
 49 104.0 95.5 143.3
 51 32.7 29.5 44.3
 86 64.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.107 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

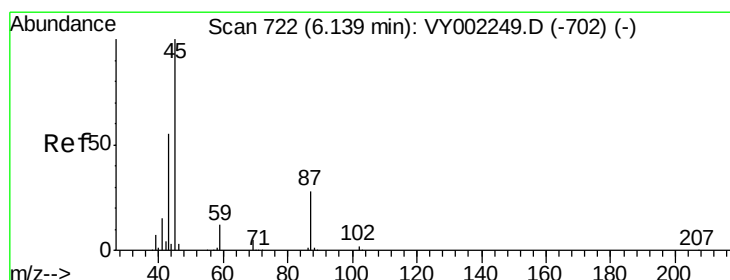
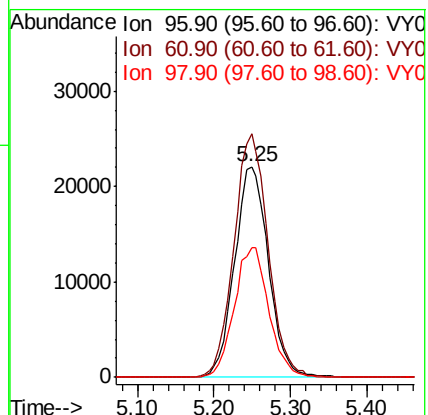
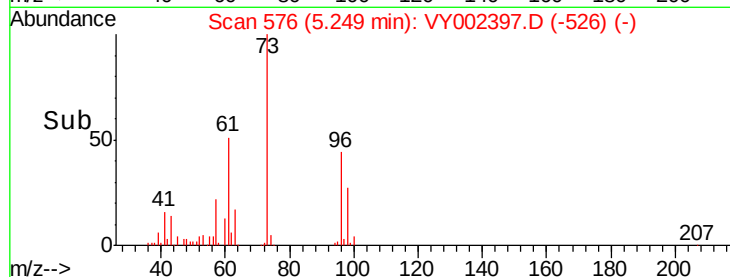
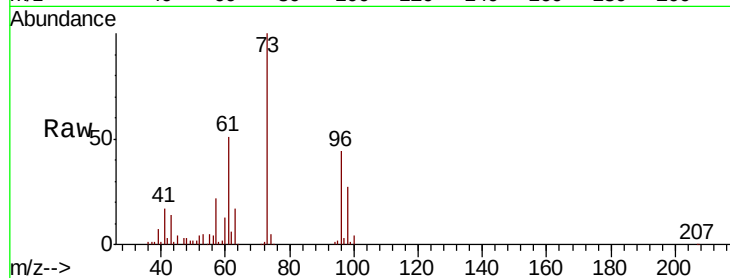
Tot Ion: 96 Resp: 67917

Ion Ratio Lower Upper

96 100

61 115.7 104.6 157.0

98 61.4 50.1 75.1



#22

Diisopropyl ether

Concen: 51.844 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Tgt Ion: 45 Resp: 203450

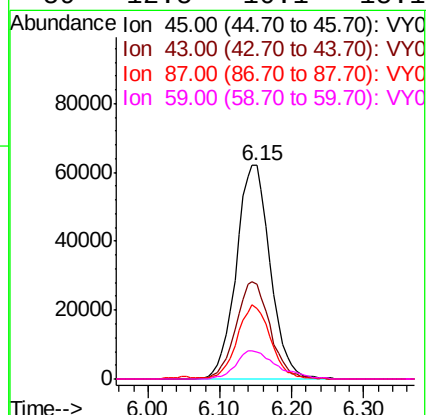
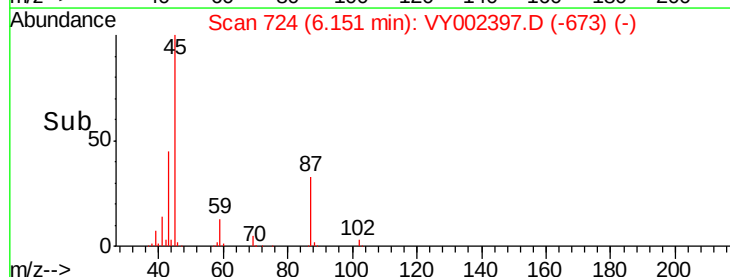
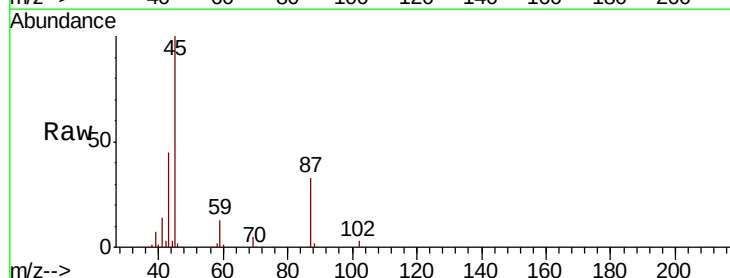
Ion Ratio Lower Upper

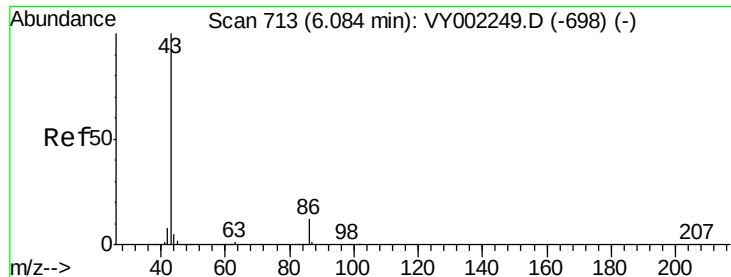
45 100

43 44.6 44.7 67.1#

87 33.1 23.0 34.4

59 12.5 10.1 15.1





#23

Vinyl Acetate

Concen: 37.312 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.06 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

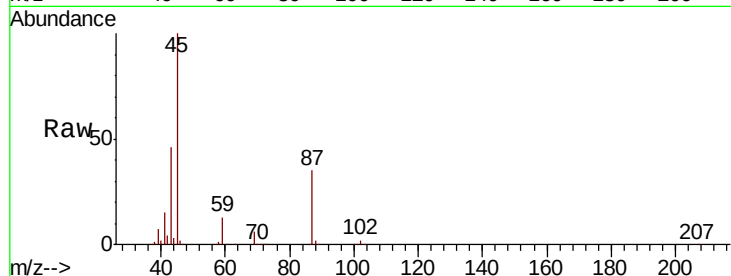
ClientSampleId :

Tot Ion: 43 Resp: 93311

Ion Ratio Lower Upper

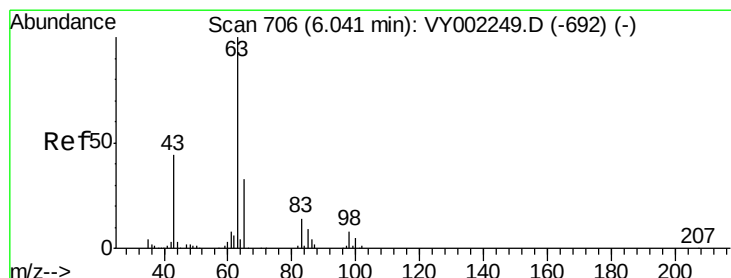
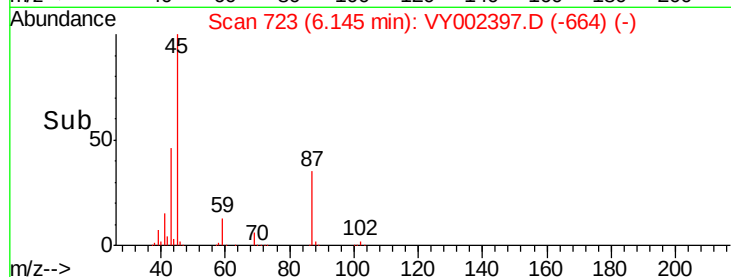
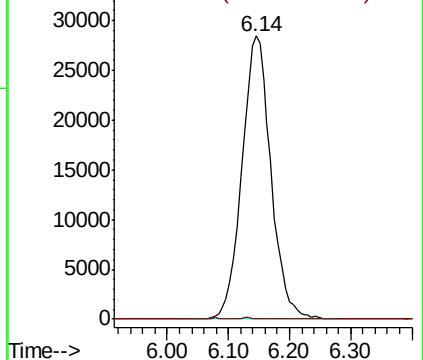
43 100

86 0.3 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.421 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

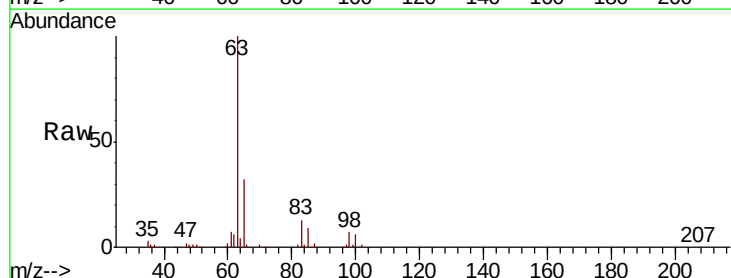
Tgt Ion: 63 Resp: 123707

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

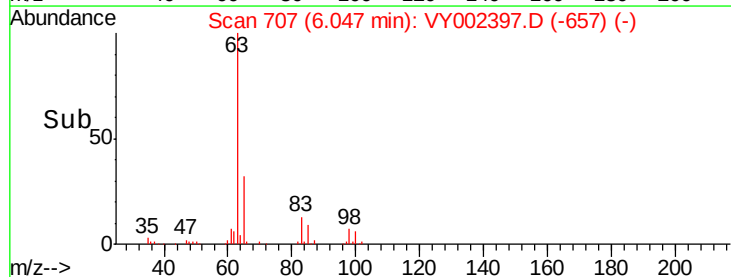
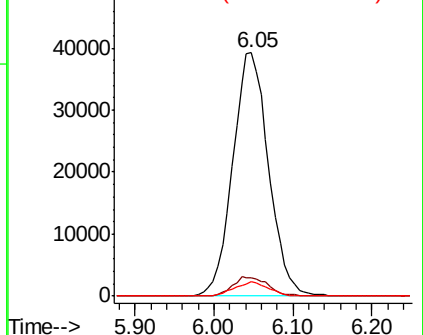
100 5.8 2.4 7.1

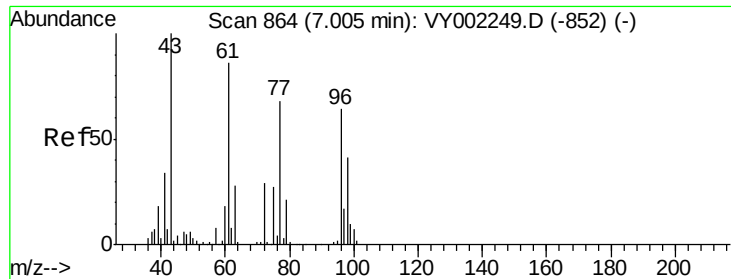


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 192.609 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

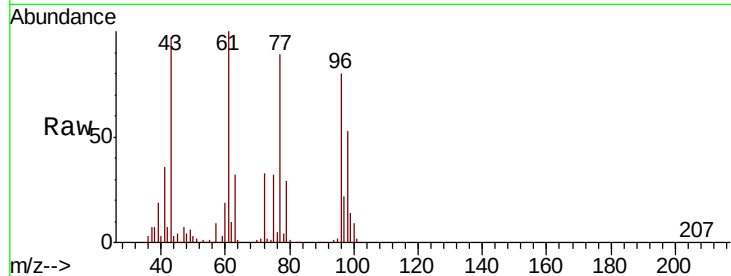
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 89287

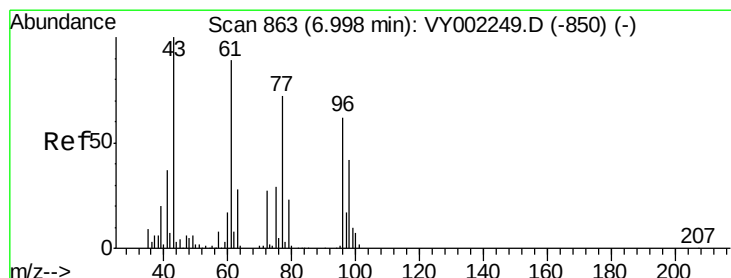
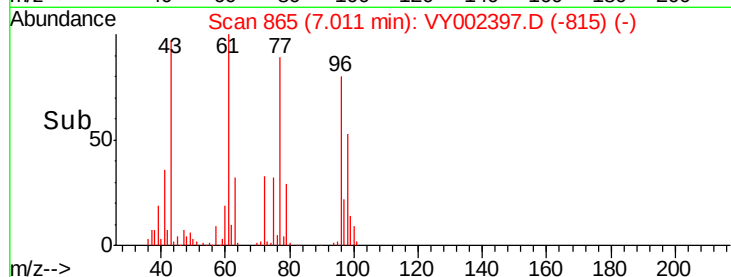
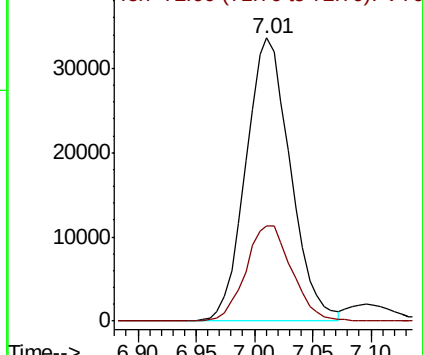
Ion Ratio Lower Upper

43 100

72 33.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.551 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002397.D

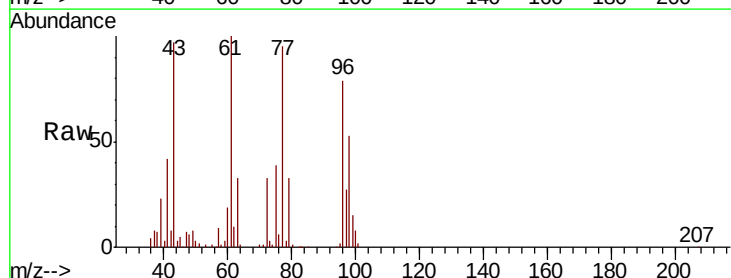
Acq: 17 Apr 2020 14:28

Tgt Ion: 77 Resp: 94388

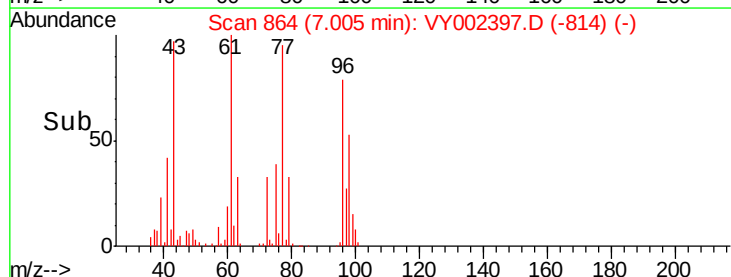
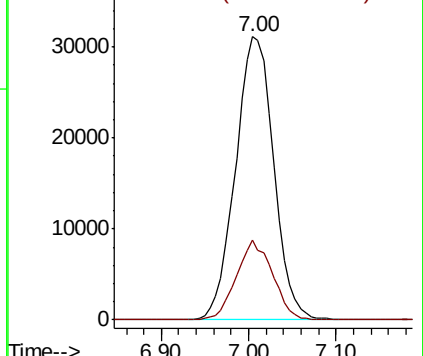
Ion Ratio Lower Upper

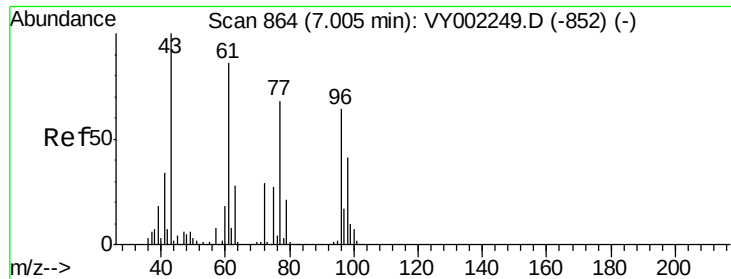
77 100

97 26.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



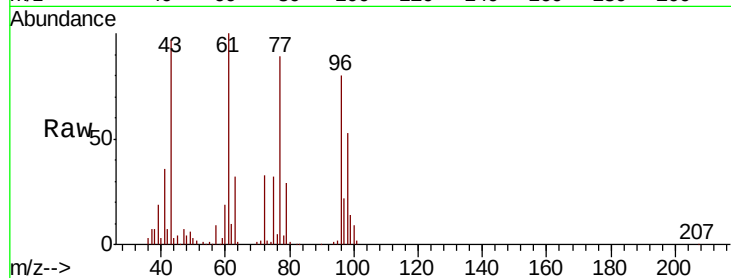


#27

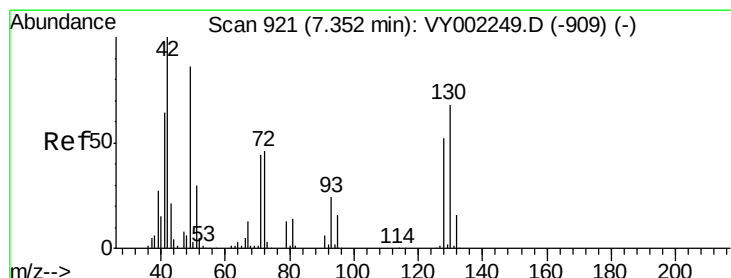
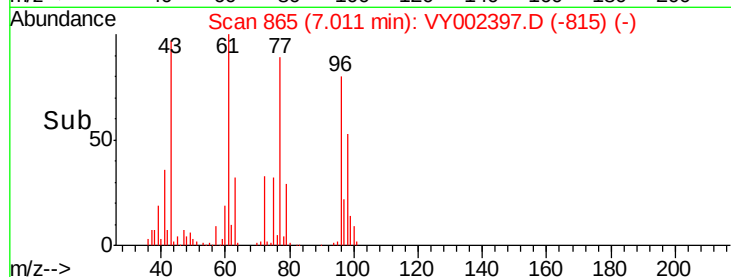
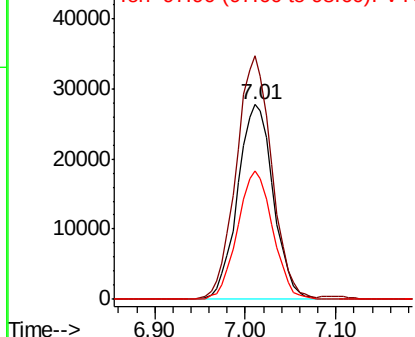
cis-1,2-Dichloroethene
 Concen: 51.051 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	278.0
98	65.2	0.0	128.6



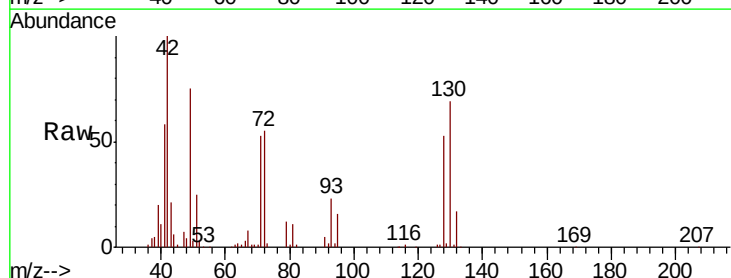
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



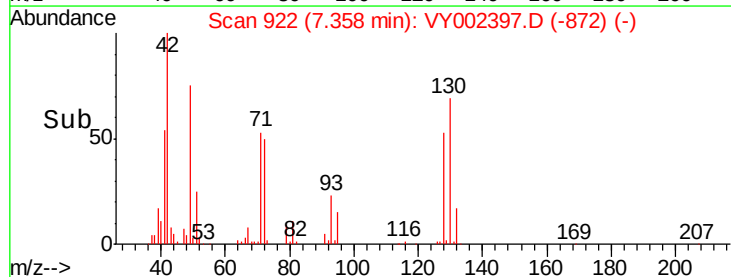
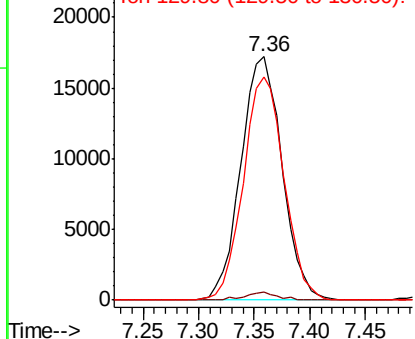
#28

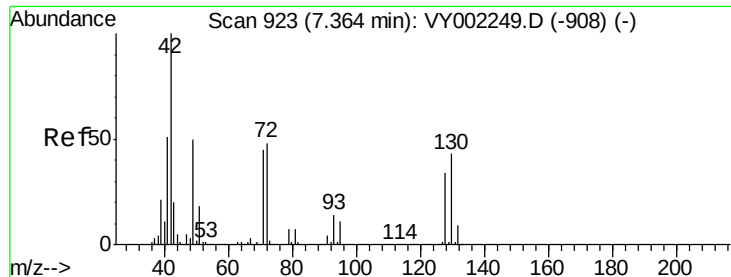
Bromochloromethane
 Concen: 46.026 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	90.5	60.9	91.3



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

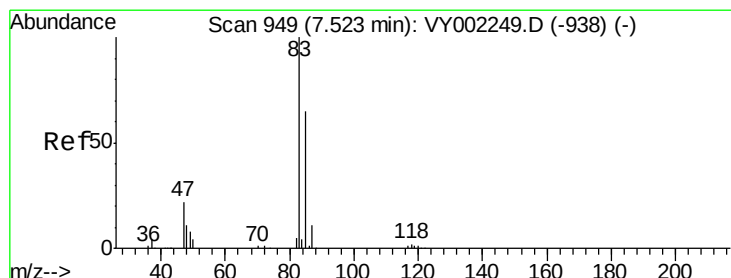
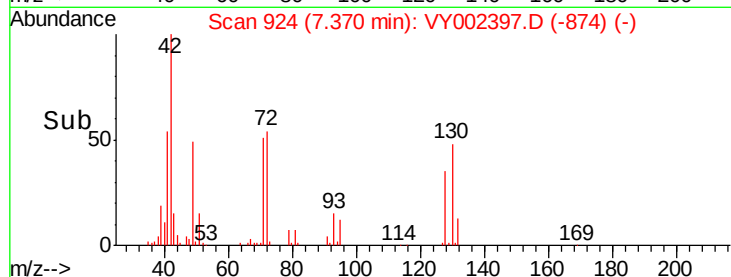
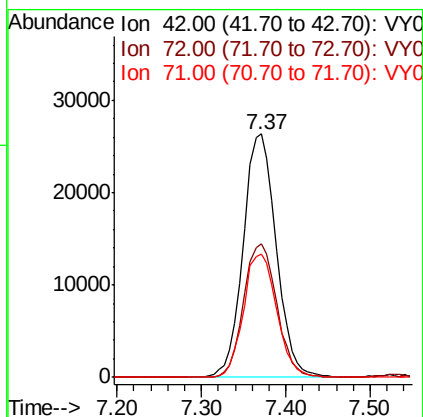
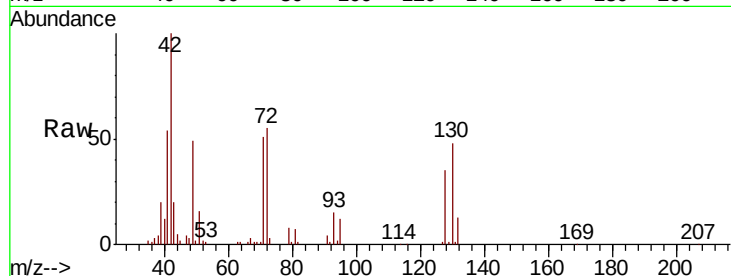




#29
Tetrahydrofuran
Concen: 227.936 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

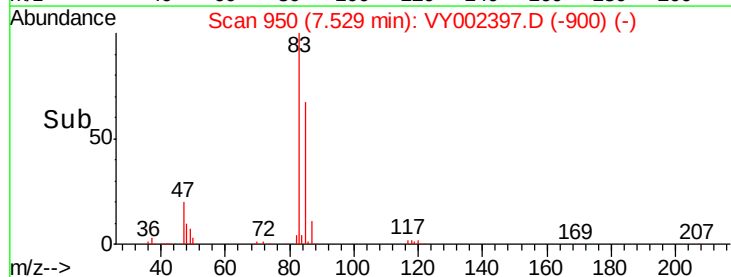
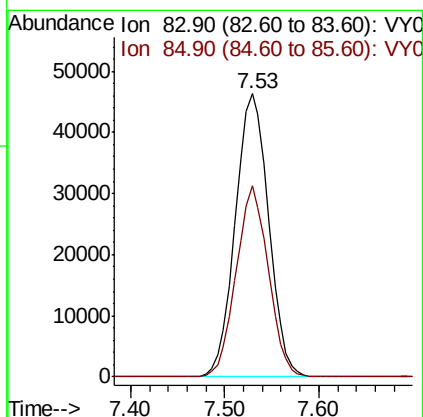
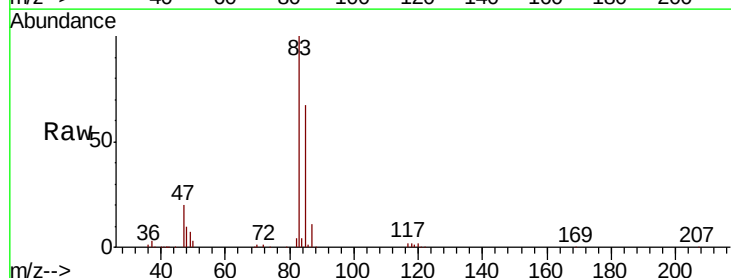
Instrument :
MSVOA_Y
ClientSampled :

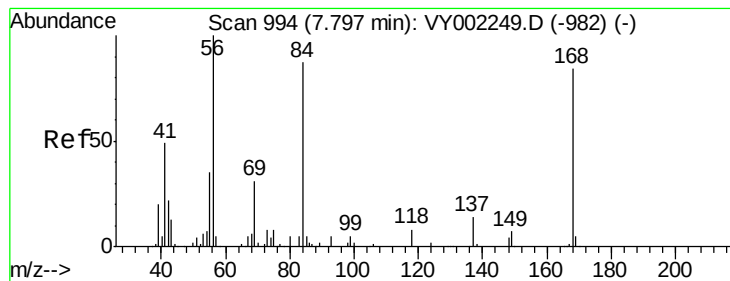
Tot Ion: 42 Resp: 69846
Ion Ratio Lower Upper
42 100
72 55.1 36.7 55.1#
71 50.9 34.7 52.1



#30
Chloroform
Concen: 54.218 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 83 Resp: 114080
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0





#31

Cyclohexane

Concen: 35.387 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampled :

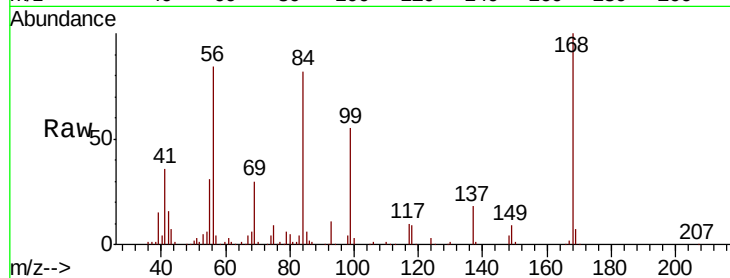
Tot Ion: 56 Resp: 82913

Ion Ratio Lower Upper

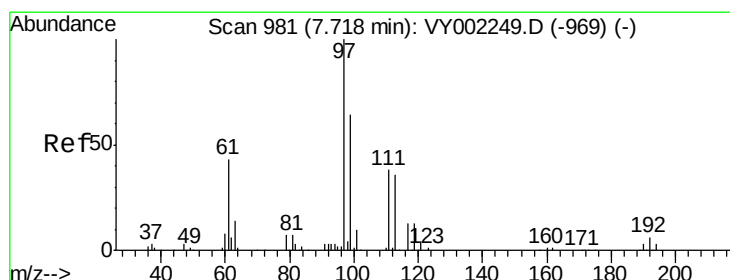
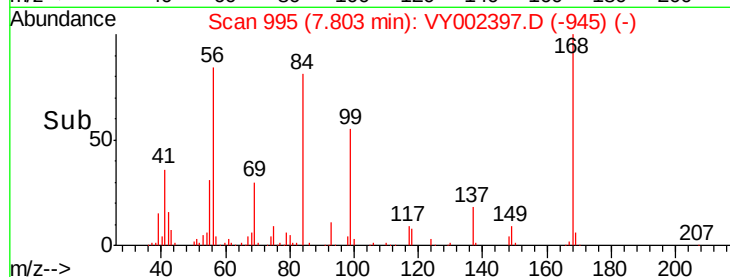
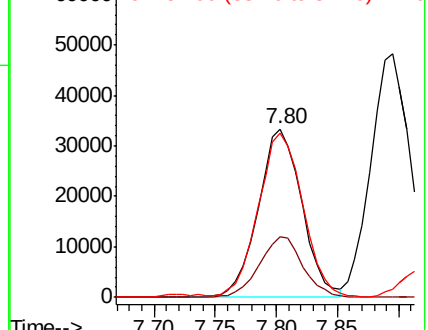
56 100

69 35.2 25.0 37.6

84 96.1 69.7 104.5



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: 52.420 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

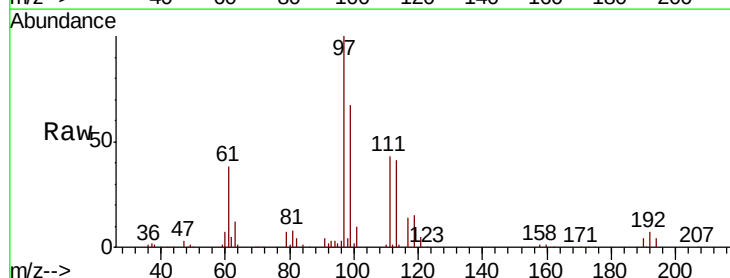
Tgt Ion: 97 Resp: 91804

Ion Ratio Lower Upper

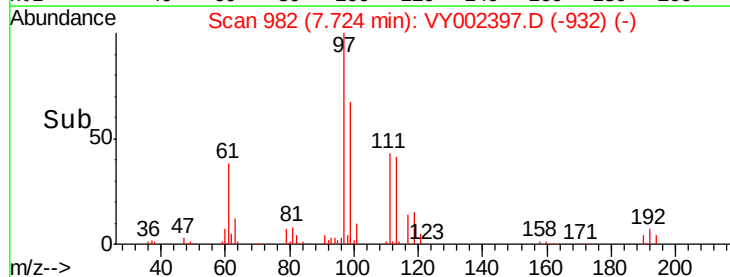
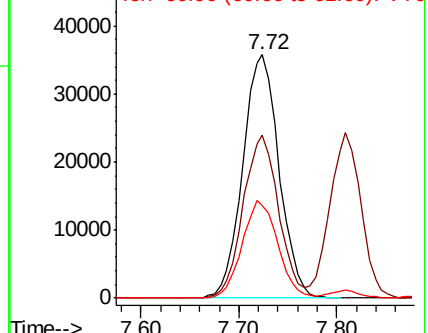
97 100

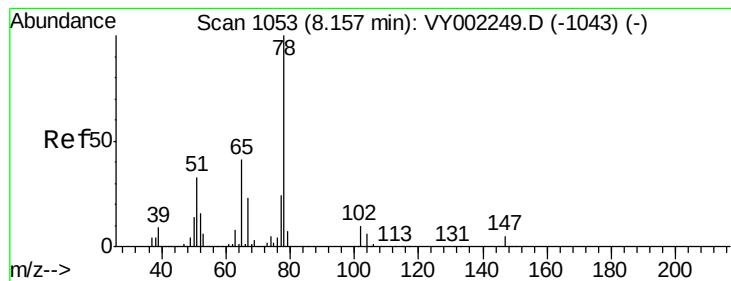
99 65.6 51.3 76.9

61 39.6 34.3 51.5



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: 43.856 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

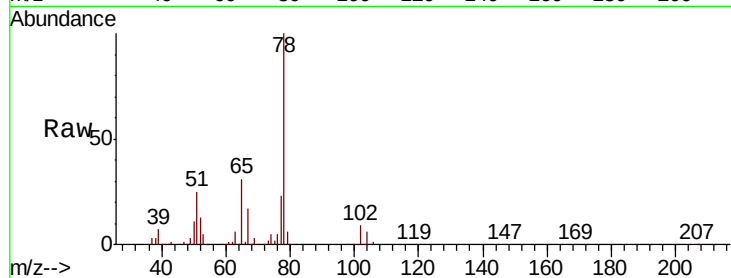
ClientSampleId :

Tot Ion: 65 Resp: 48775

Ion Ratio Lower Upper

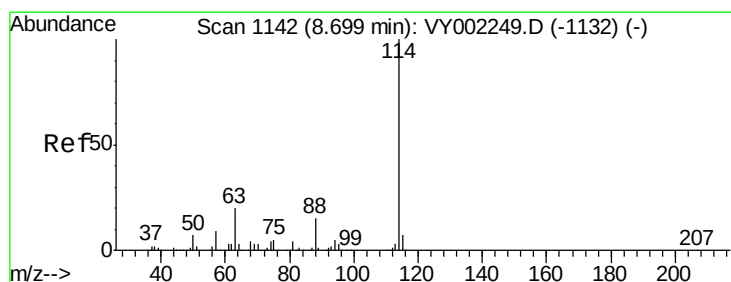
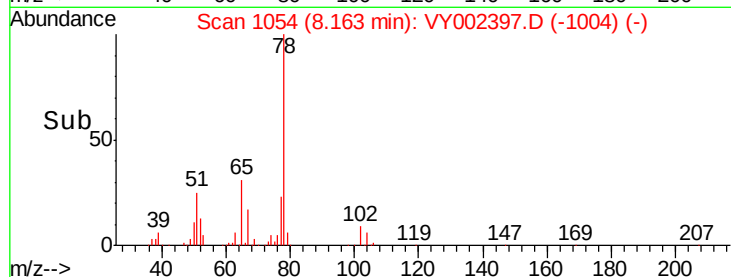
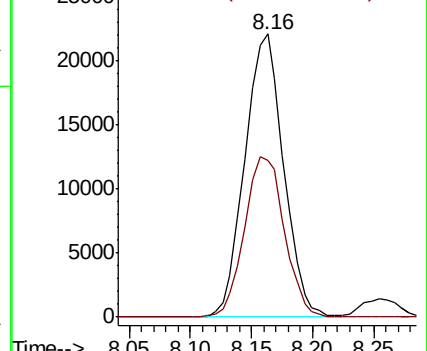
65 100

67 58.1 0.0 114.0



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: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

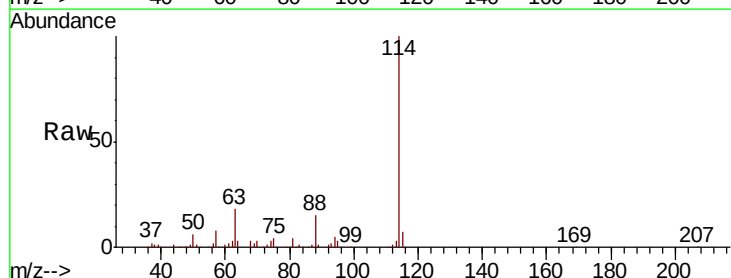
Tgt Ion: 114 Resp: 162892

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.0

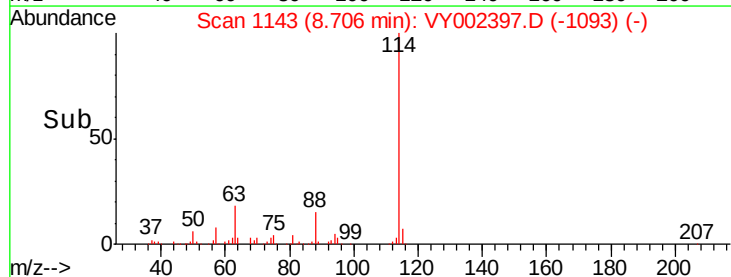
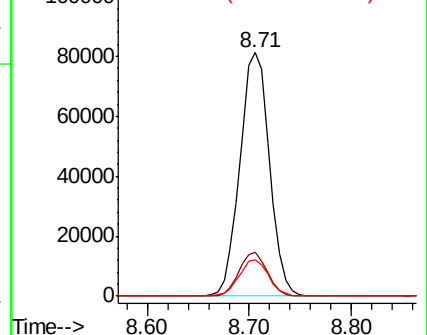
88 15.0 0.0 31.0

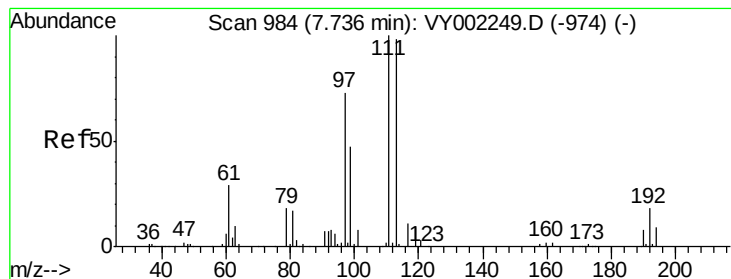


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 56.409 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

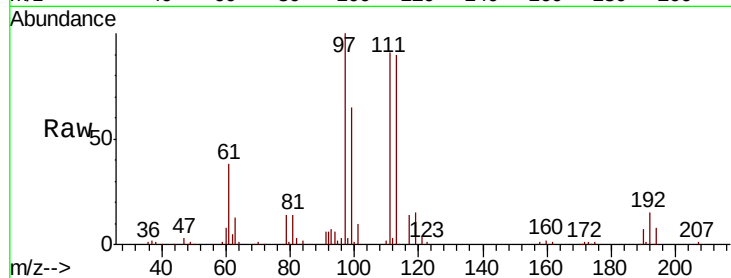
Tot Ion:113 Resp: 54675

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

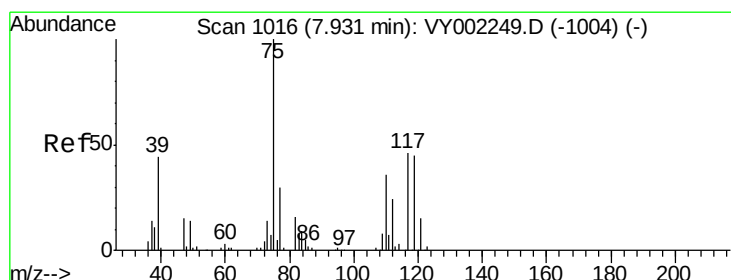
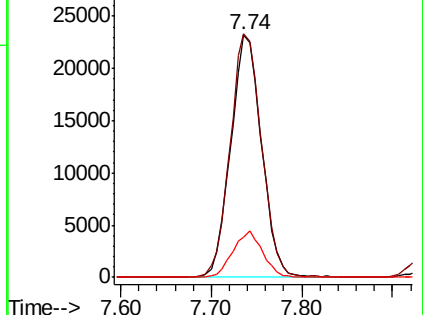
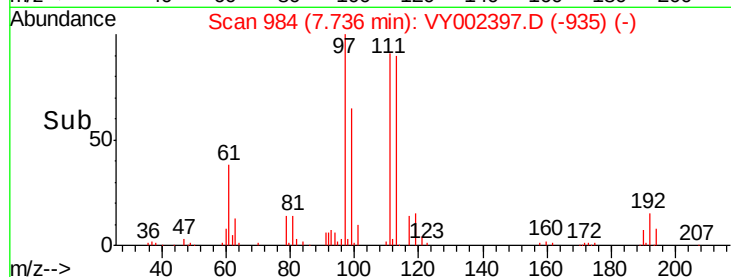
192 18.5 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.967 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

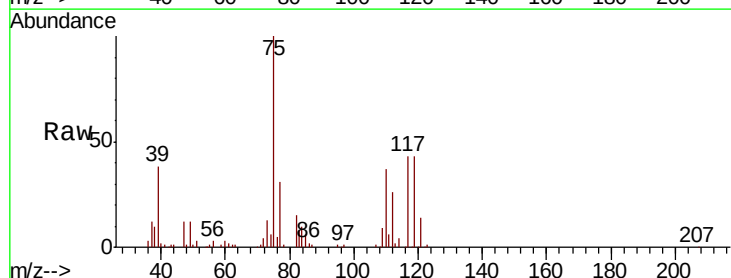
Tgt Ion: 75 Resp: 76961

Ion Ratio Lower Upper

75 100

110 38.8 17.8 53.3

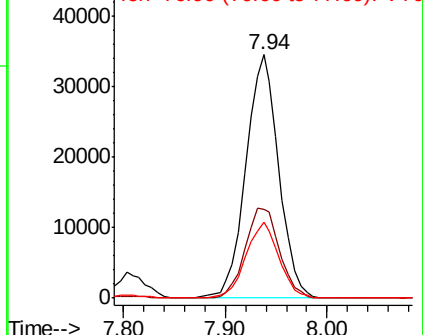
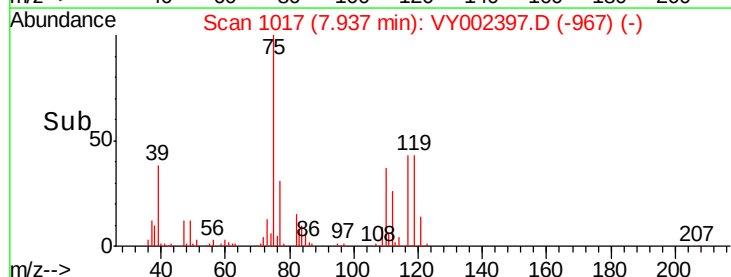
77 31.5 24.4 36.6

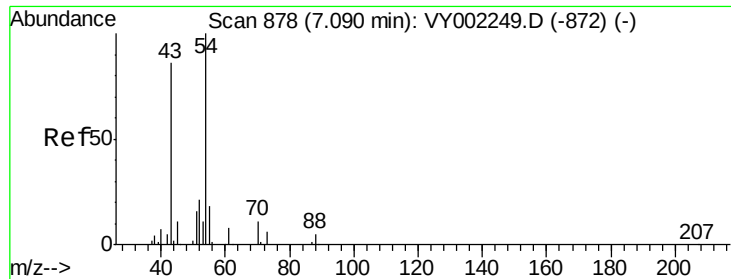


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

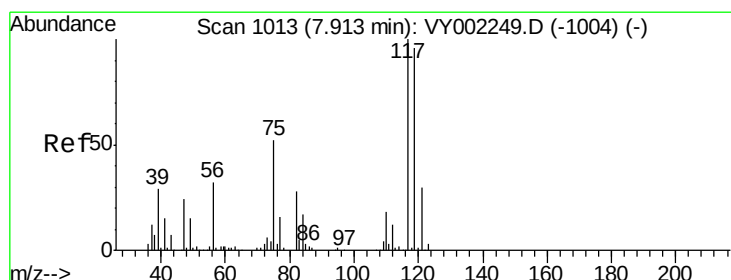
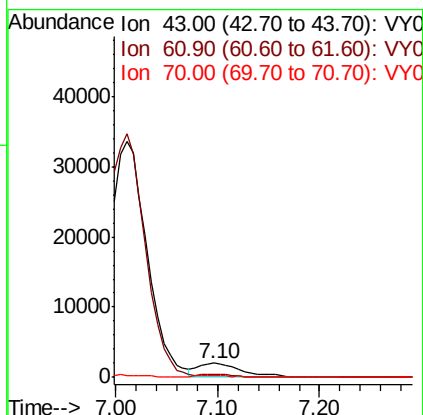
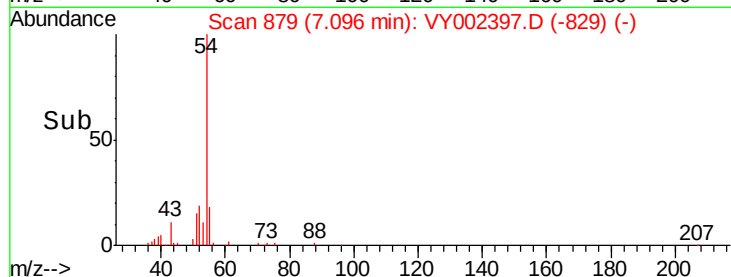
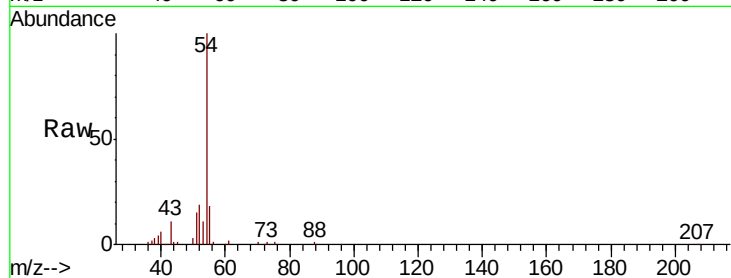




#37
Ethyl Acetate
Concen: 6.842 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

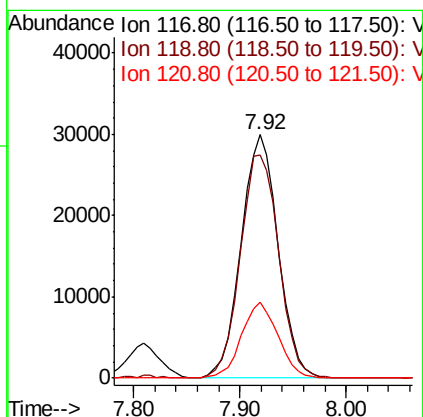
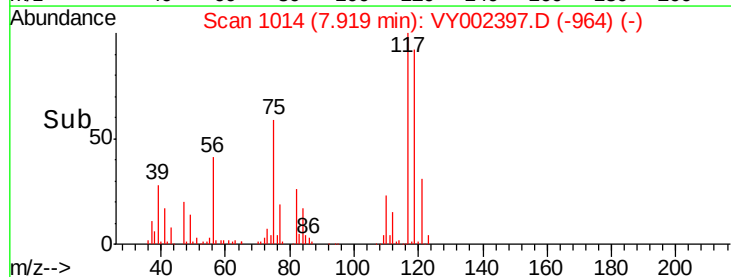
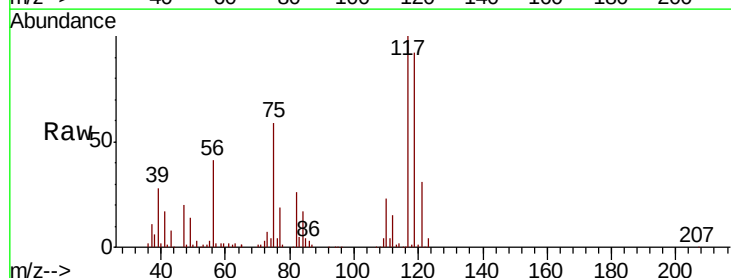
Instrument :
MSVOA_Y
ClientSampleId :

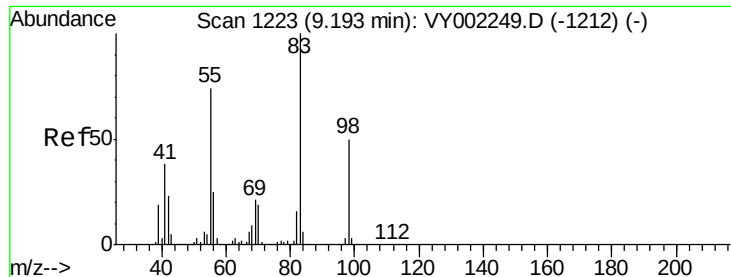
Tot Ion: 43 Resp: 6271
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 9.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.290 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 117 Resp: 73135
Ion Ratio Lower Upper
117 100
119 91.7 77.1 115.7
121 31.0 23.9 35.9

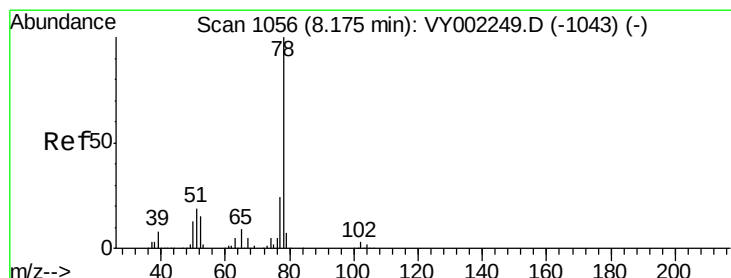
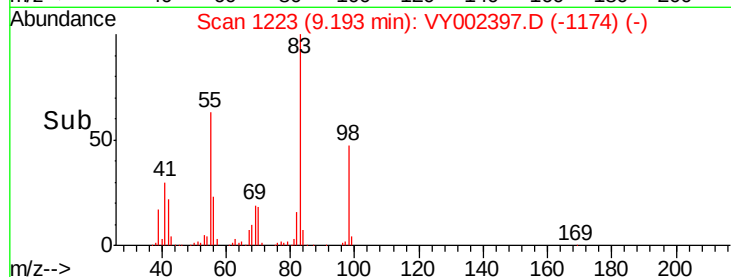
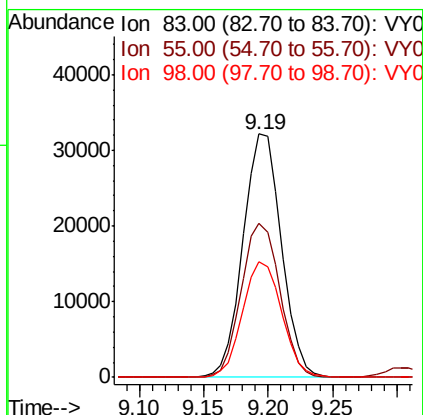
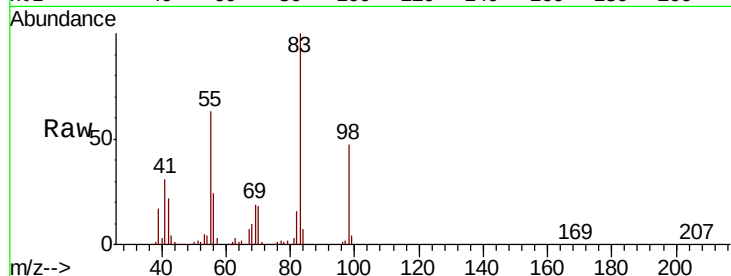




#39
Methylvlcyclohexane
Concen: 30.372 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

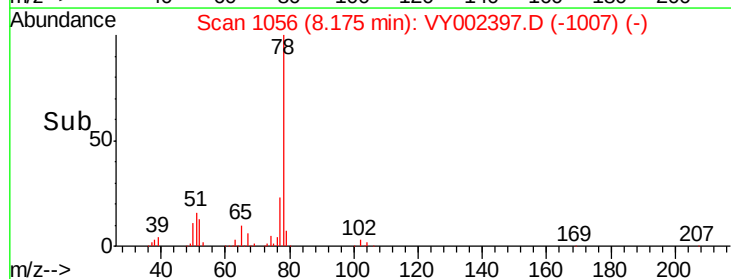
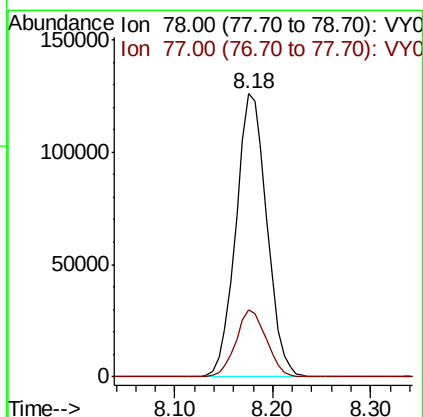
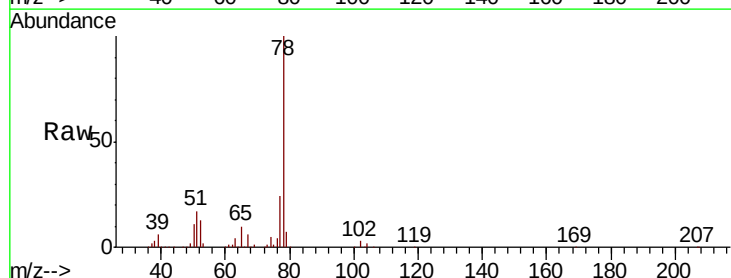
Instrument :
MSVOA_Y
ClientSampleId :

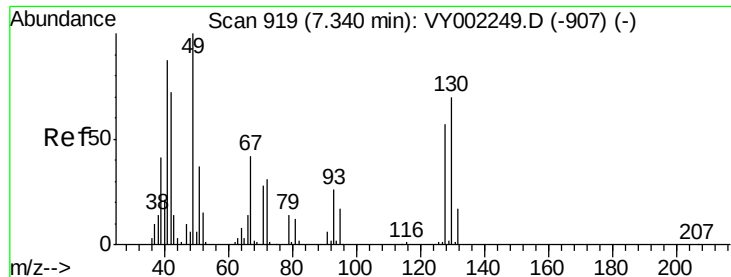
Tot Ion: 83 Resp: 66289
Ion Ratio Lower Upper
83 100
55 63.3 59.3 88.9
98 47.3 39.6 59.4



#40
Benzene
Concen: 56.689 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 78 Resp: 275960
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

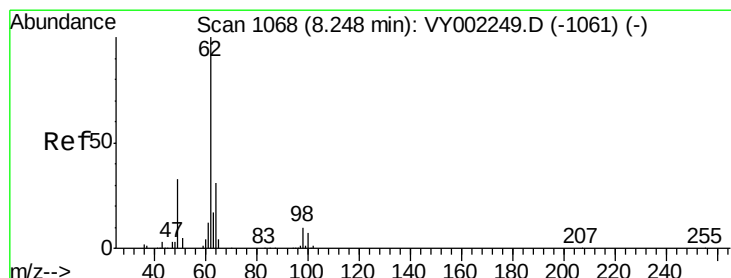
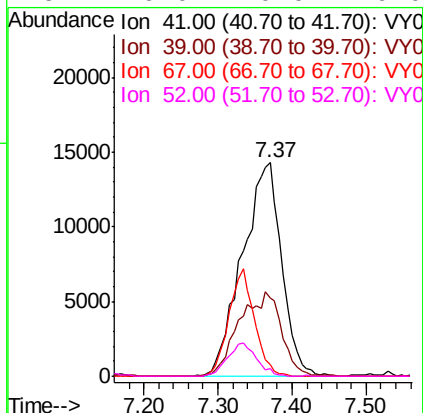
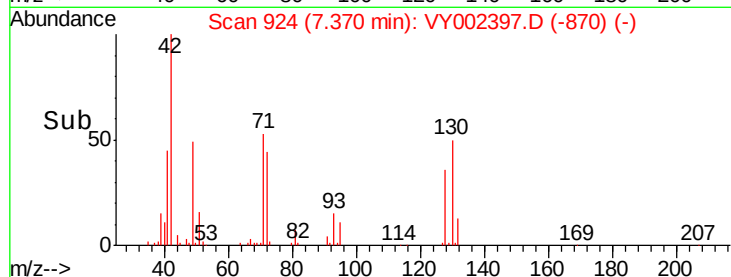
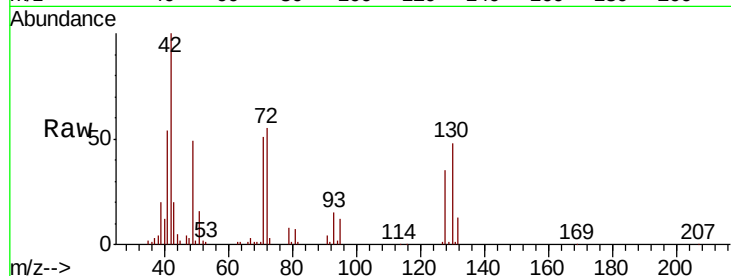




#41
Methacrylonitrile
Concen: 97.623 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

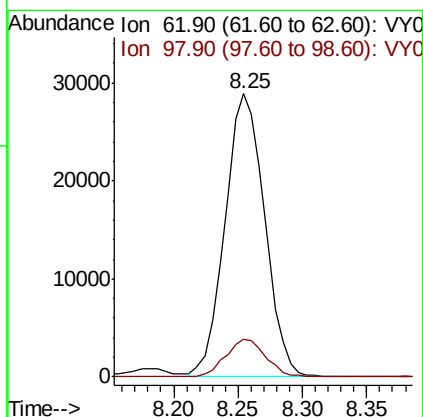
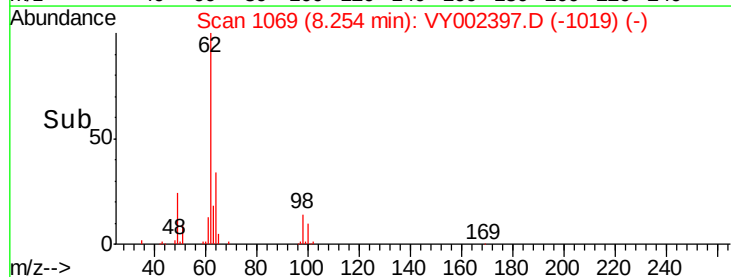
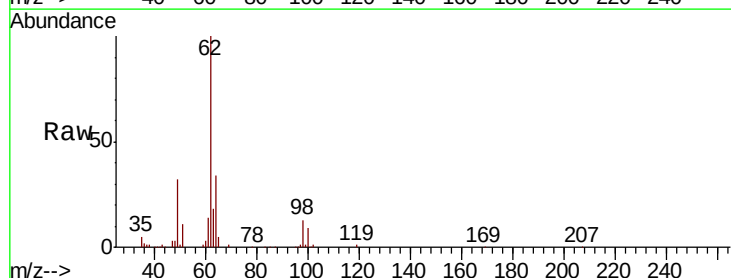
Instrument :
MSVOA_Y
ClientSampled :

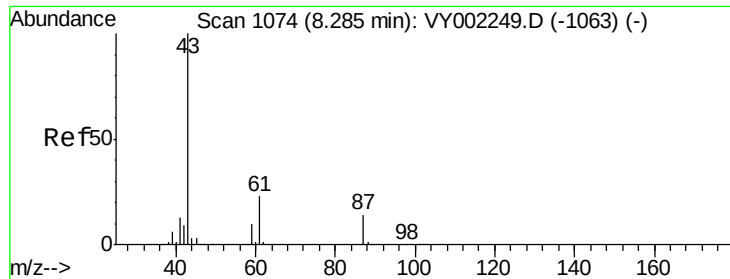
Tot Ion: 41 Resp: 52786
Ion Ratio Lower Upper
41 100
39 42.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.289 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 62 Resp: 61847
Ion Ratio Lower Upper
62 100
98 13.5 0.0 22.6





#43

Isopropyl Acetate

Concen: 11.052 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

ClientSampled :

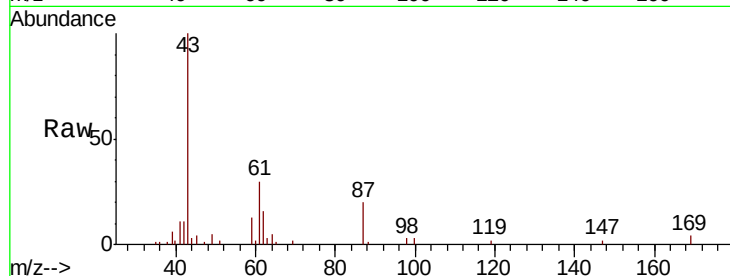
Tot Ion: 43 Resp: 18476

Ion Ratio Lower Upper

43 100

61 0.0 24.9 37.3#

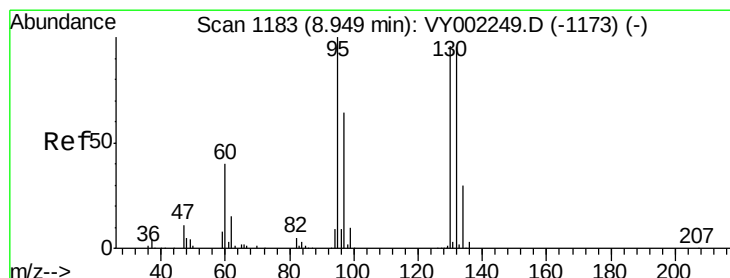
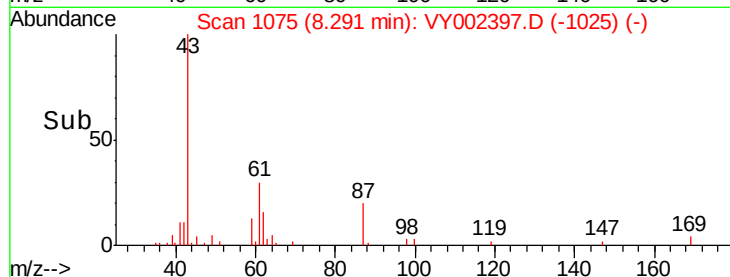
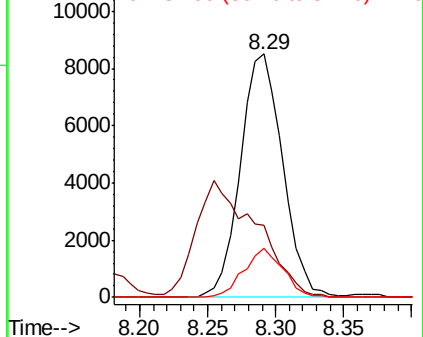
87 18.8 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 46.982 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002397.D

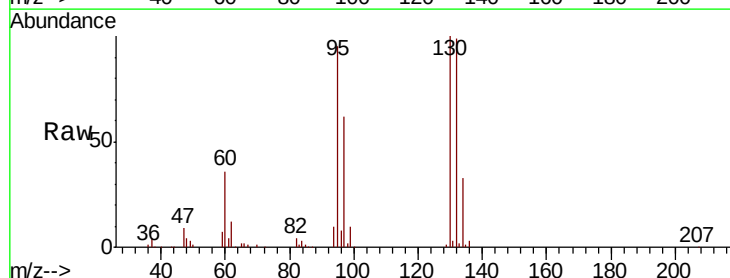
Acq: 17 Apr 2020 14:28

Tgt Ion:130 Resp: 67241

Ion Ratio Lower Upper

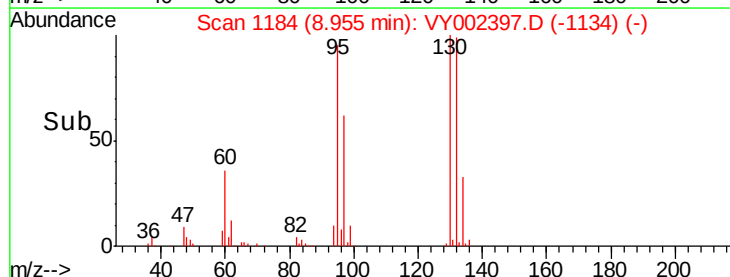
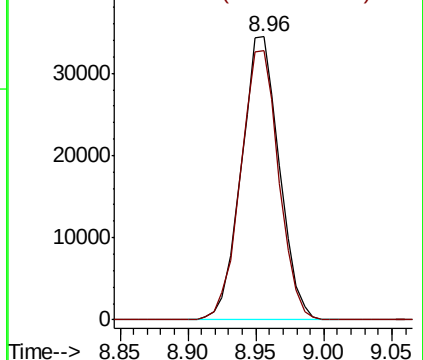
130 100

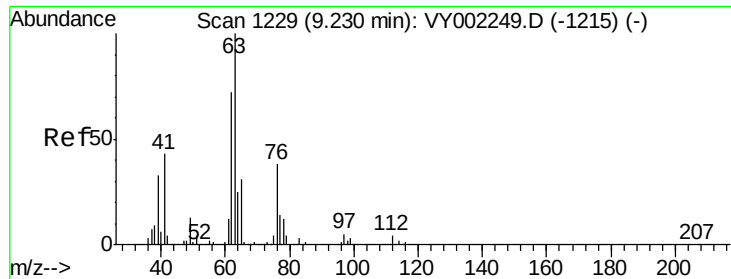
95 95.2 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)

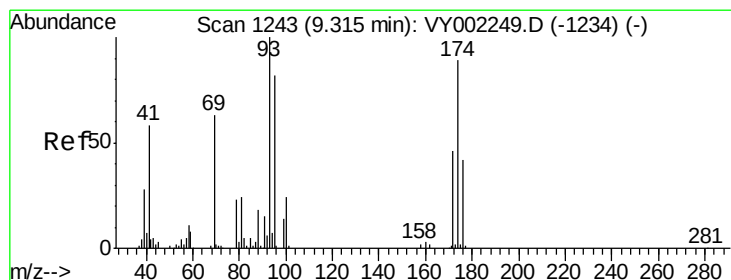
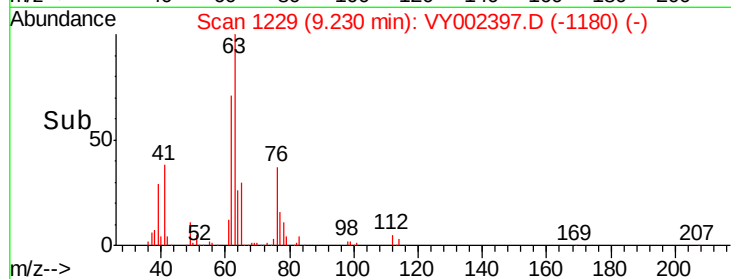
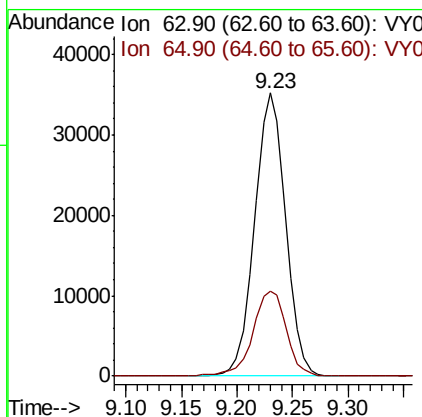
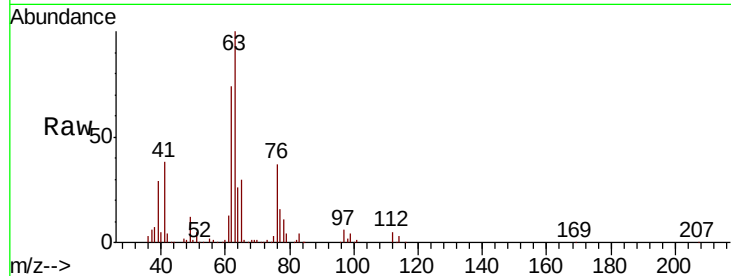




#45
 1,2-Dichloropropane
 Concen: 56.556 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

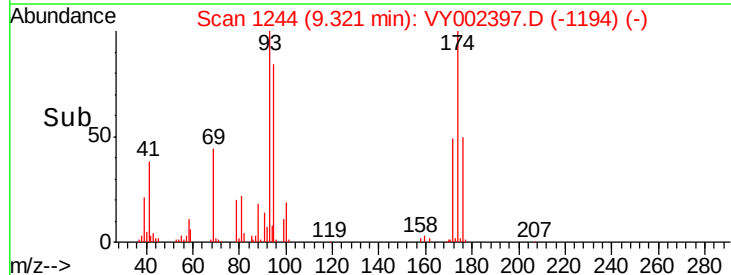
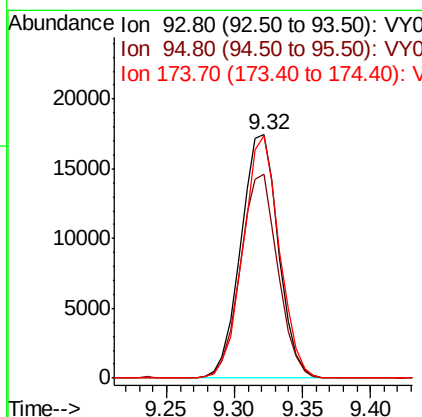
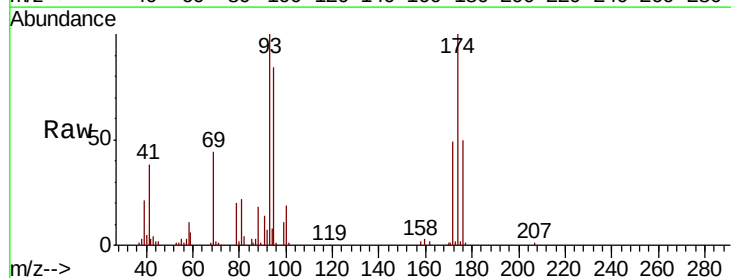
Instrument :
 MSVOA_Y
 ClientSampleId :

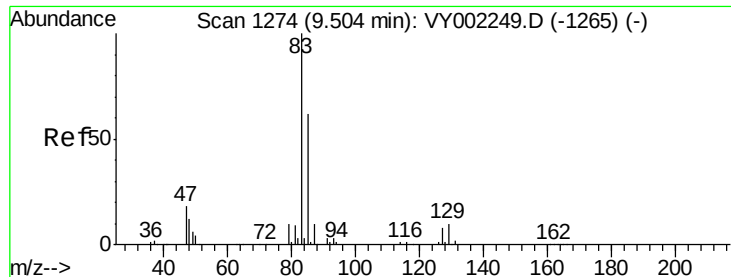
Tot Ion: 63 Resp: 68309
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0



#46
 Dibromomethane
 Concen: 53.520 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 93 Resp: 33799
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.3 100.9
 174 95.7 72.5 108.7

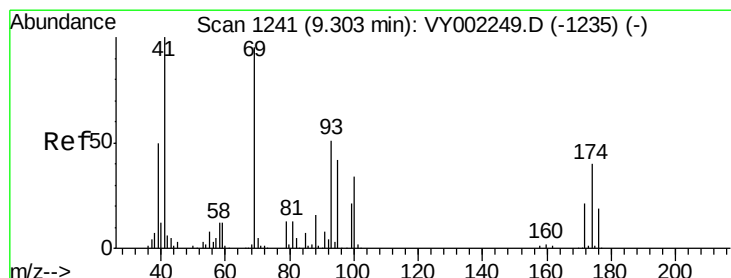
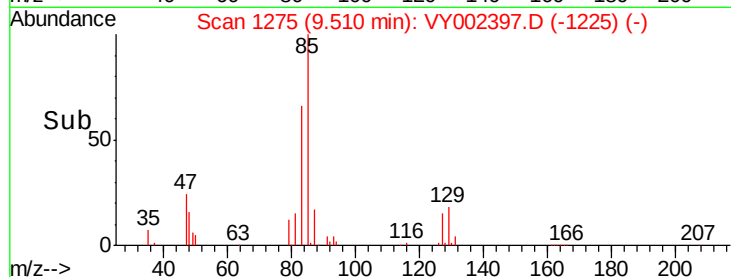
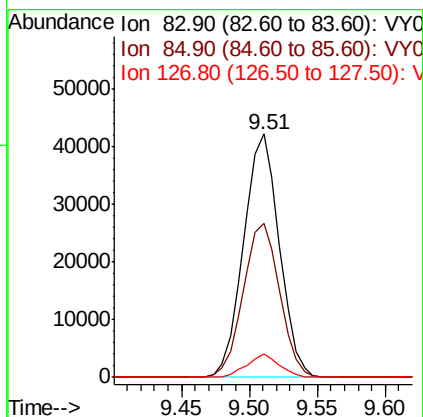
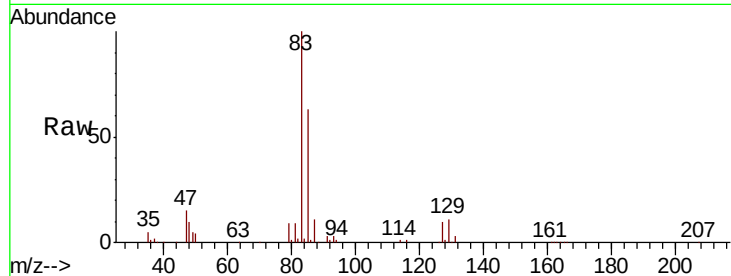




#47
Bromodichloromethane
Concen: 53.429 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

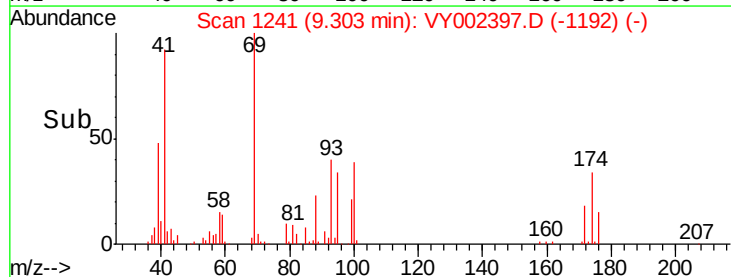
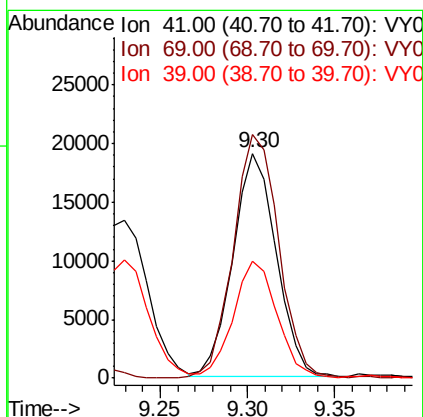
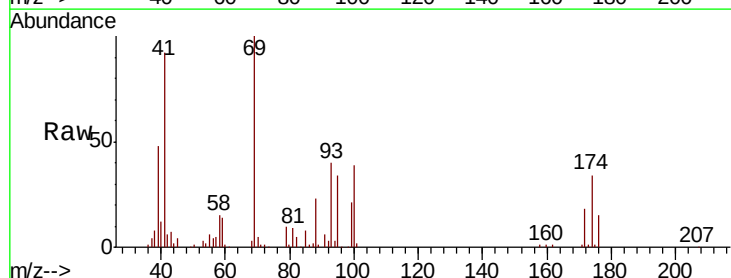
Instrument :
MSVOA_Y
ClientSampleId :

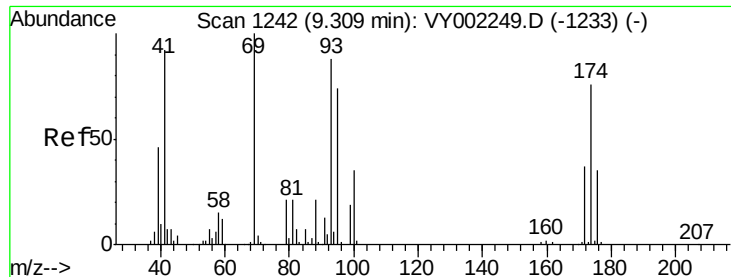
Tot Ion: 83 Resp: 77421
Ion Ratio Lower Upper
83 100
85 63.2 49.7 74.5
127 9.5 6.2 9.4#



#48
Methyl methacrylate
Concen: 43.569 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 41 Resp: 32658
Ion Ratio Lower Upper
41 100
69 113.9 76.7 115.1
39 53.5 40.5 60.7

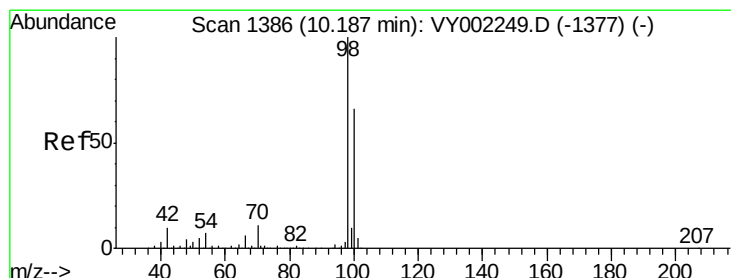
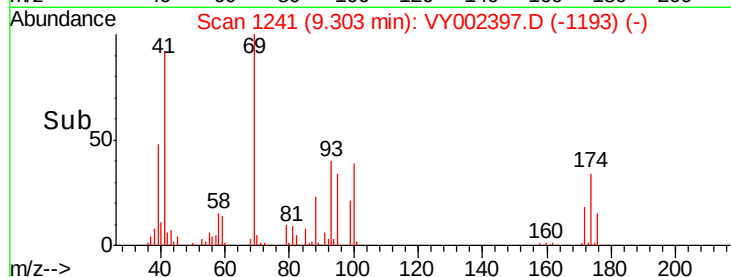
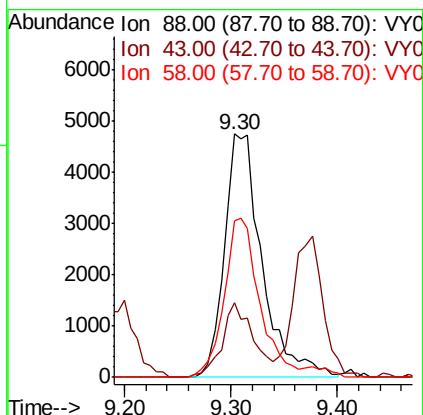
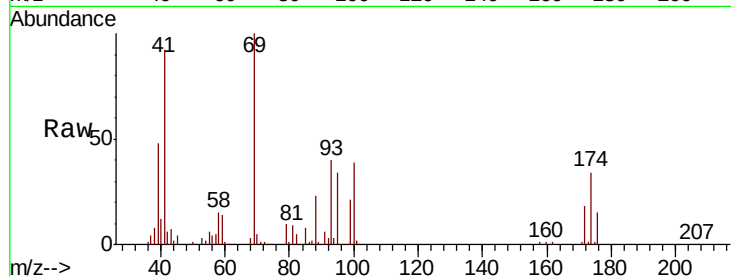




#49
1,4-Dioxane
Concen: 1316.998 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

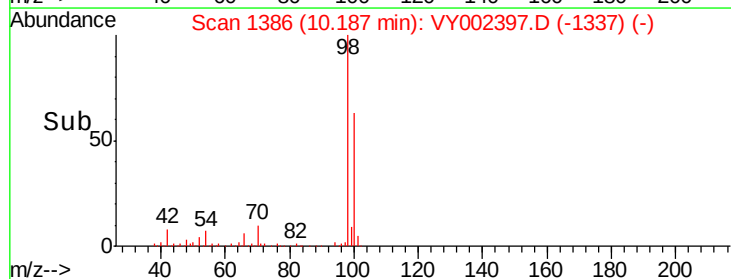
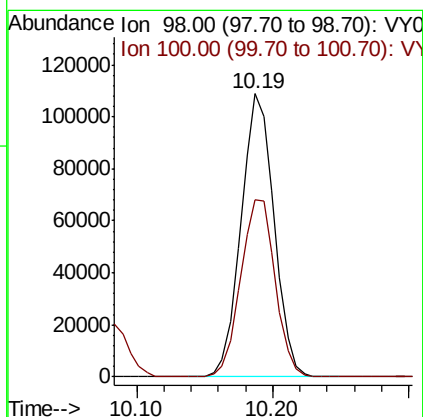
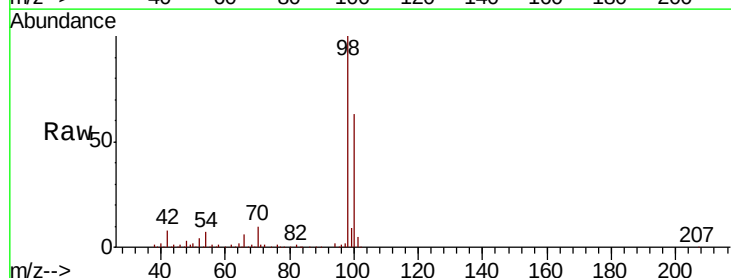
Instrument :
MSVOA_Y
ClientSampleId :

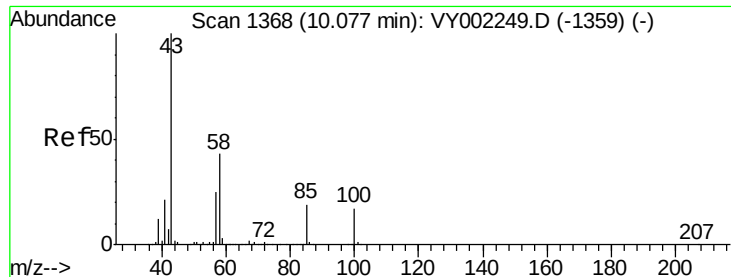
Tot Ion: 88 Resp: 11765
Ion Ratio Lower Upper
88 100
43 25.4 22.2 33.2
58 61.6 57.6 86.4



#50
Toluene-d8
Concen: 45.432 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 98 Resp: 184316
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

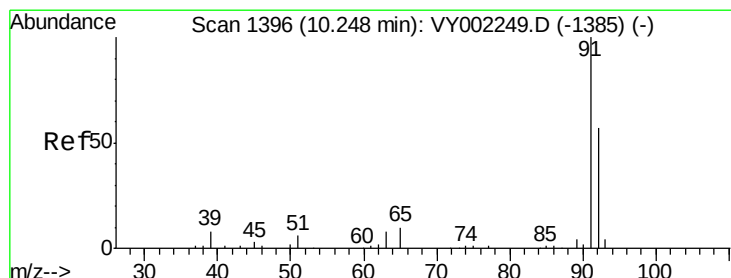
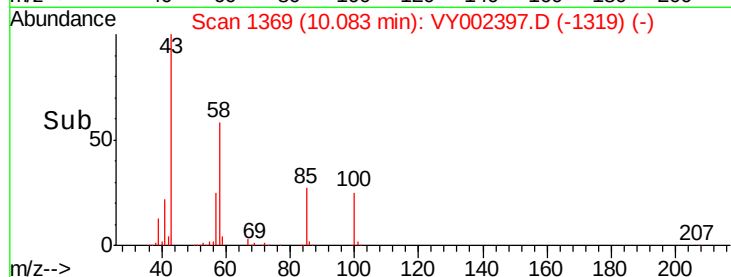
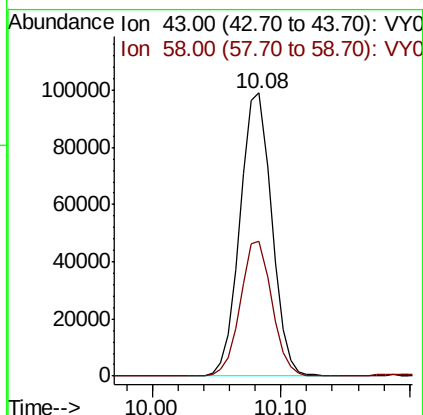
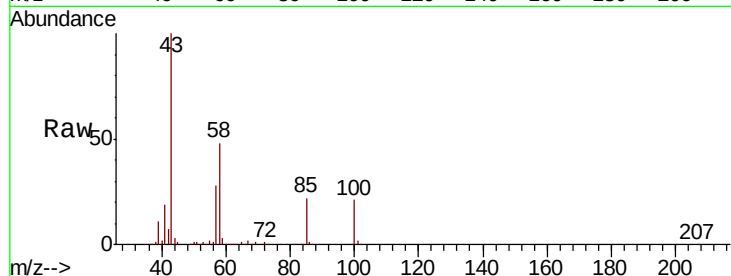




#51
 4-Methyl-2-Pentanone
 Concen: 194.235 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

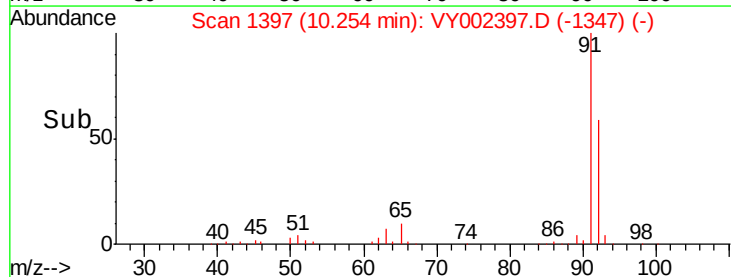
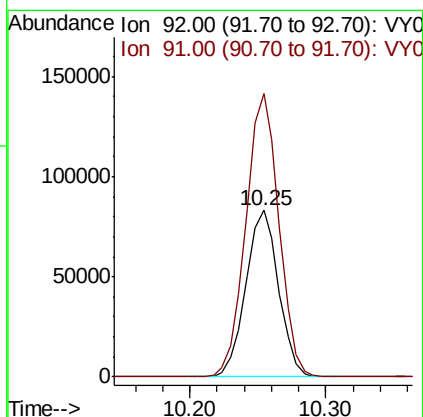
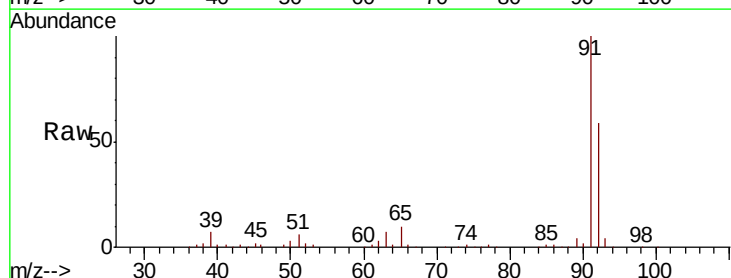
Instrument :
 MSVOA_Y
 ClientSampled :

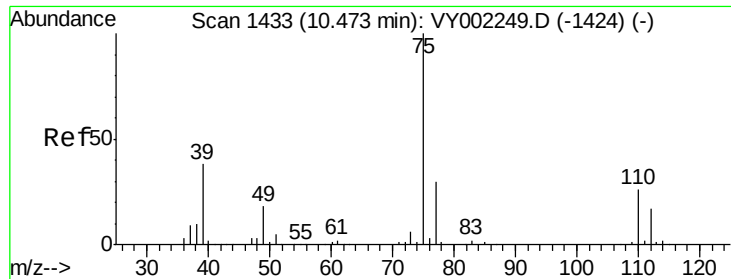
Tot Ion: 43 Resp: 169194
 Ion Ratio Lower Upper
 43 100
 58 47.4 33.8 50.8



#52
 Toluene
 Concen: 47.827 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 92 Resp: 140308
 Ion Ratio Lower Upper
 92 100
 91 171.3 139.0 208.6

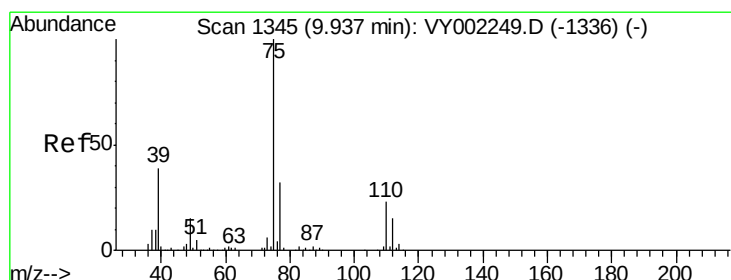
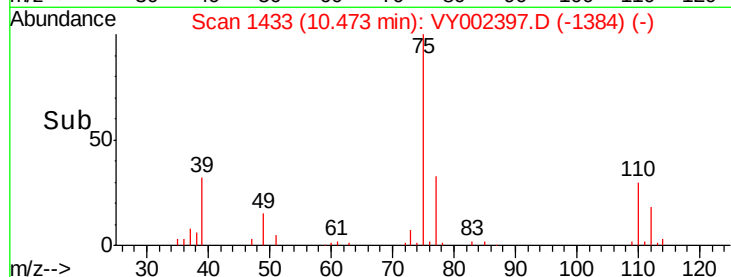
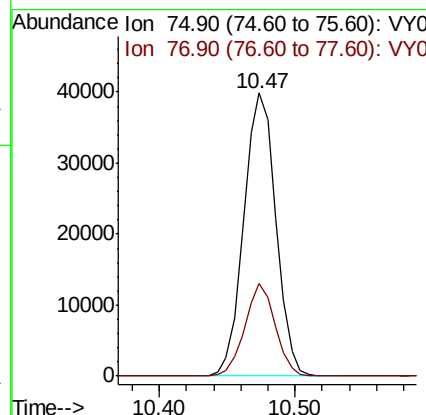
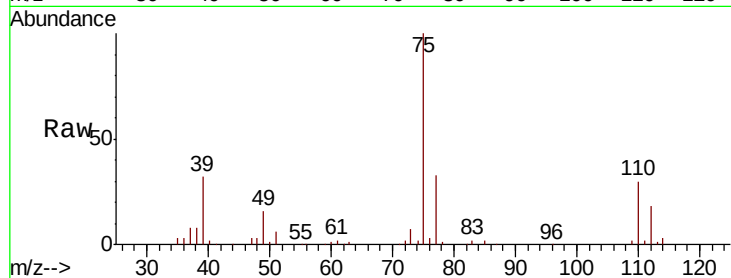




#53
t-1,3-Dichloropropene
Concen: 41.639 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

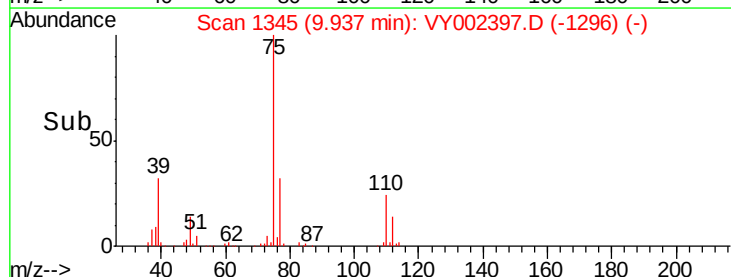
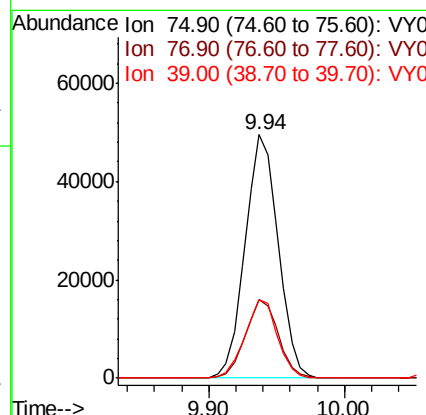
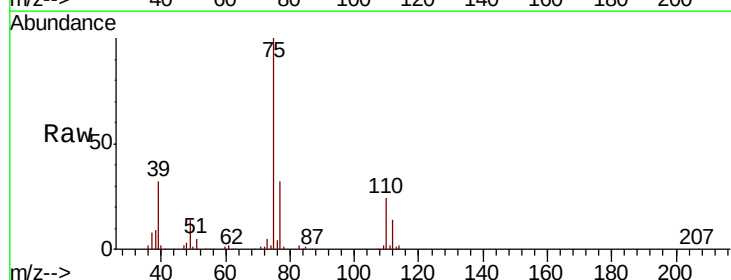
Instrument :
MSVOA_Y
ClientSampled :

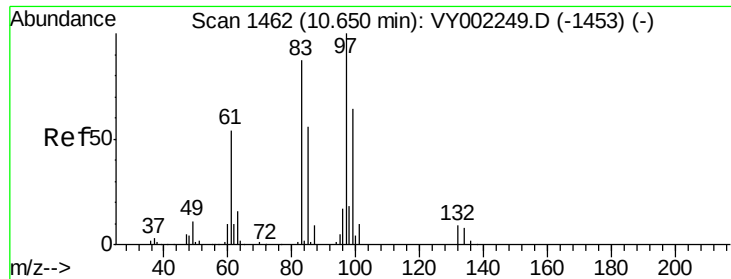
Tot Ion: 75 Resp: 65739
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 44.387 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 75 Resp: 84251
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
39 32.5 30.8 46.2

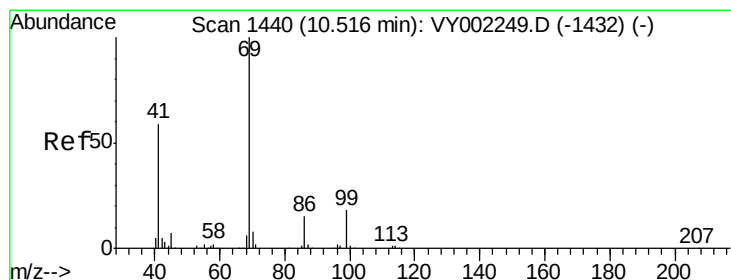
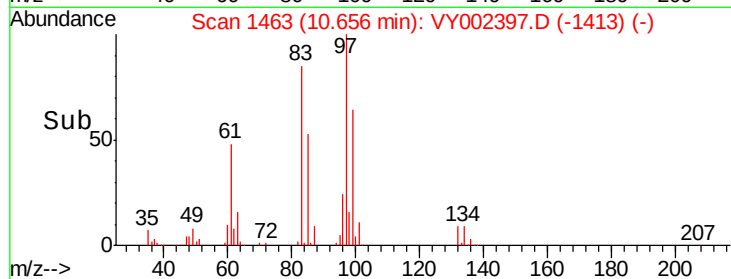
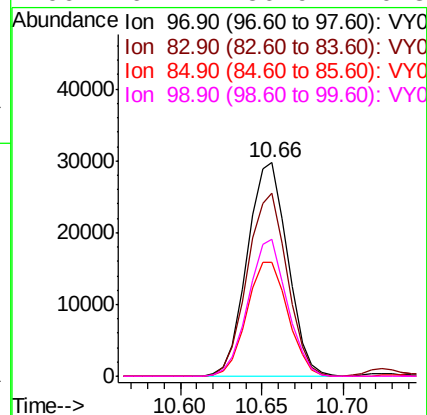
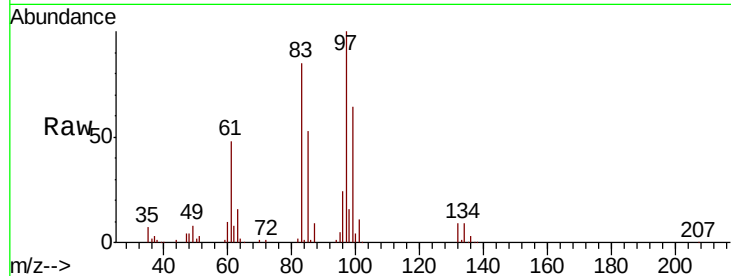




#55
 1,1,2-Trichloroethane
 Concen: 55.625 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

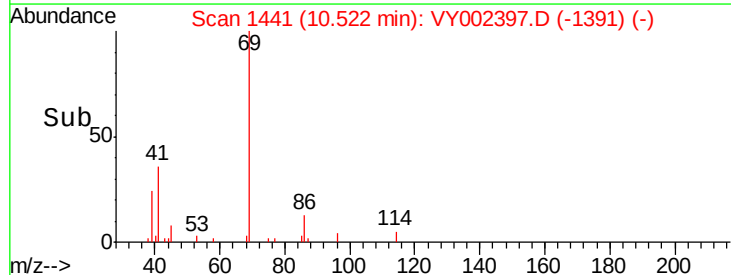
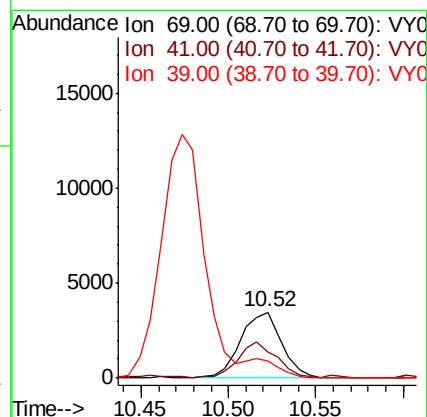
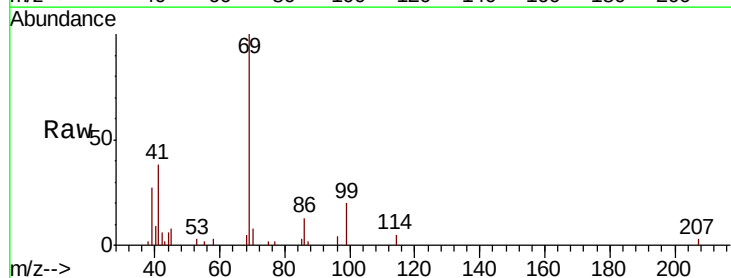
Instrument :
 MSVOA_Y
 ClientSampled :

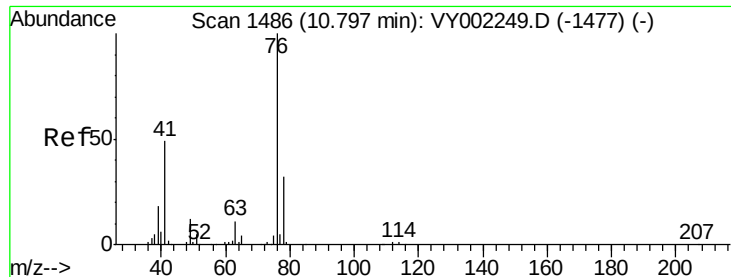
Tot Ion: 97 Resp: 51429
 Ion Ratio Lower Upper
 97 100
 83 85.5 69.5 104.3
 85 53.2 45.2 67.8
 99 64.1 50.9 76.3



#56
 Ethyl methacrylate
 Concen: 4.285 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 69 Resp: 5654
 Ion Ratio Lower Upper
 69 100
 41 52.0 47.9 71.9
 39 0.0 23.8 35.6#





#57

1,3-Dichloropropane

Concen: 51.576 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

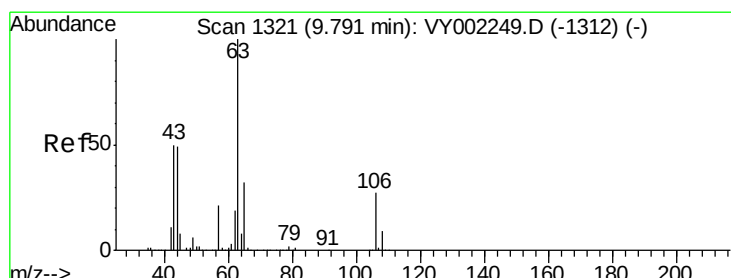
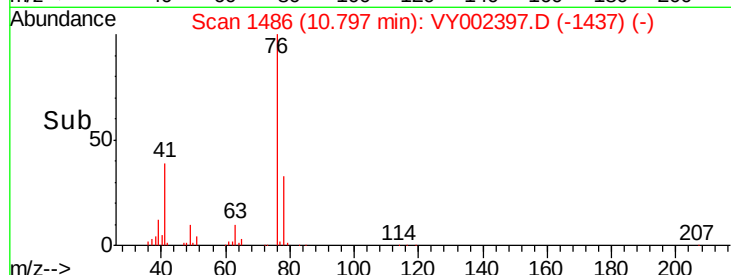
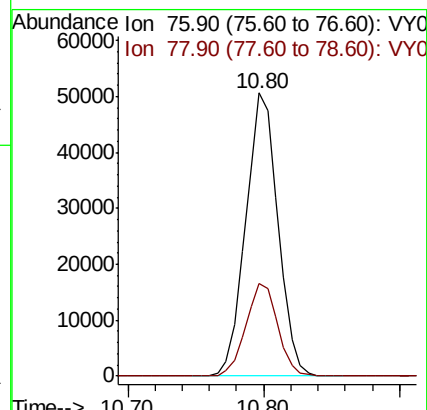
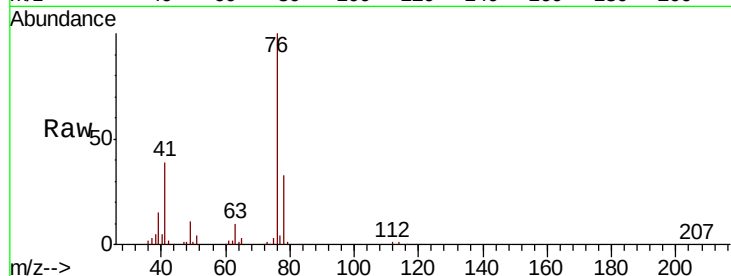
ClientSampled :

Tot Ion: 76 Resp: 83816

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 223.388 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY002397.D

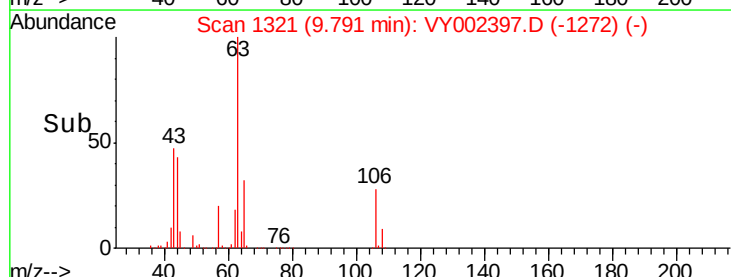
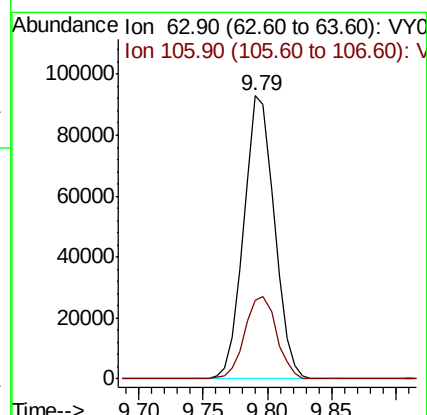
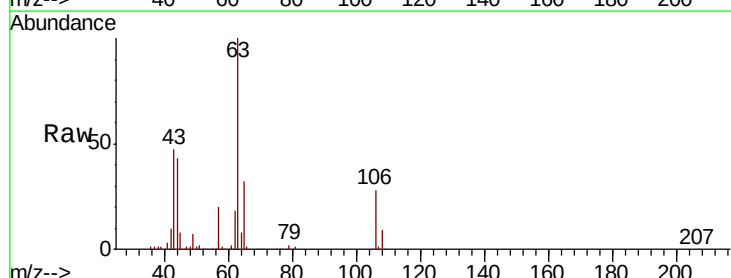
Acq: 17 Apr 2020 14:28

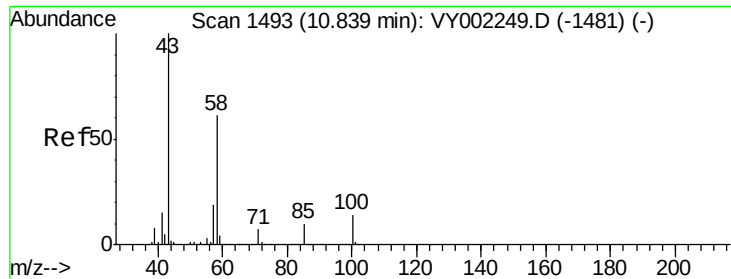
Tgt Ion: 63 Resp: 152652

Ion Ratio Lower Upper

63 100

106 30.2 22.2 33.2

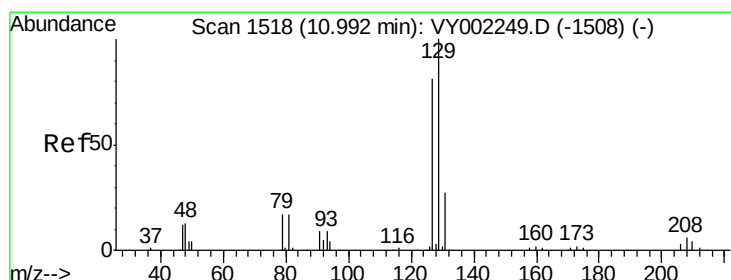
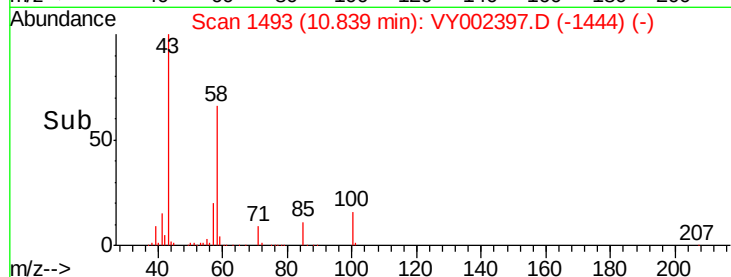
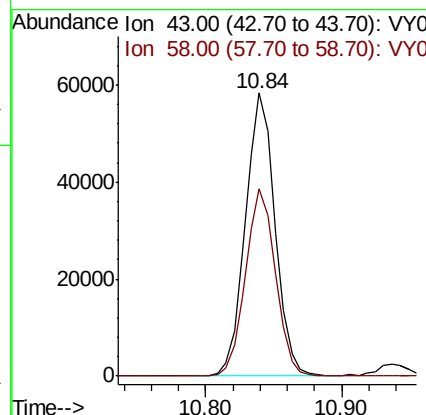
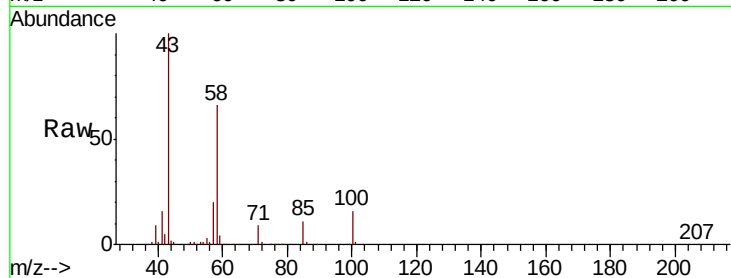




#59
2-Hexanone
Concen: 147.048 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

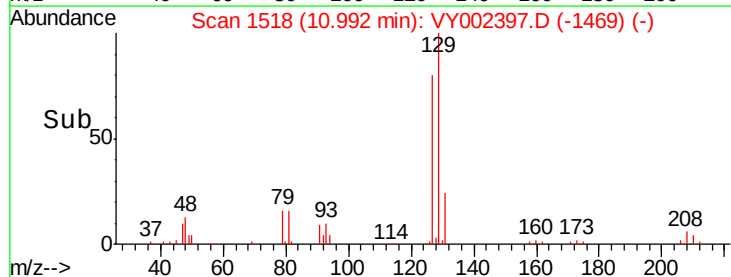
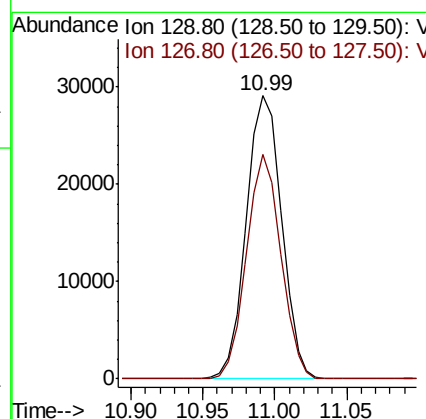
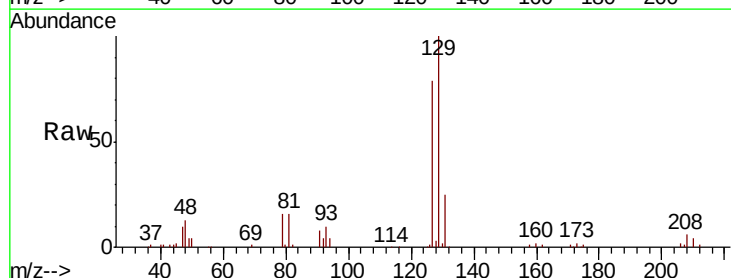
Instrument :
MSVOA_Y
ClientSampleId :

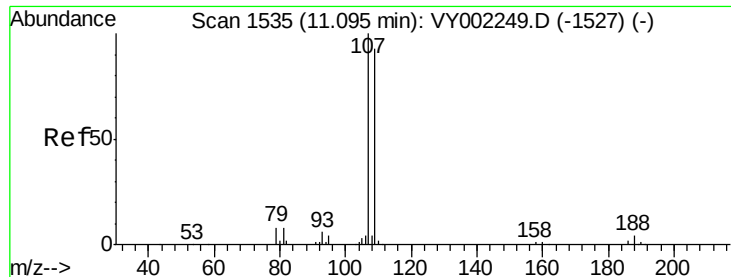
Tot Ion: 43 Resp: 88898
Ion Ratio Lower Upper
43 100
58 66.8 29.8 89.3



#60
Dibromochloromethane
Concen: 50.270 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 129 Resp: 49560
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

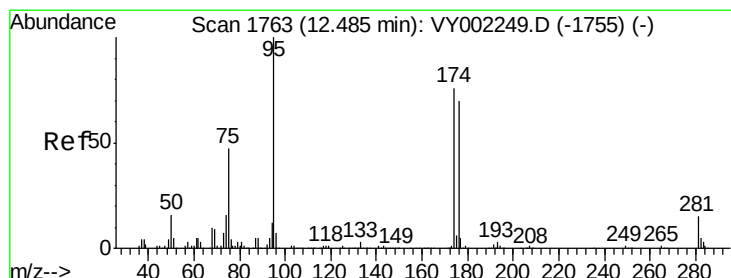
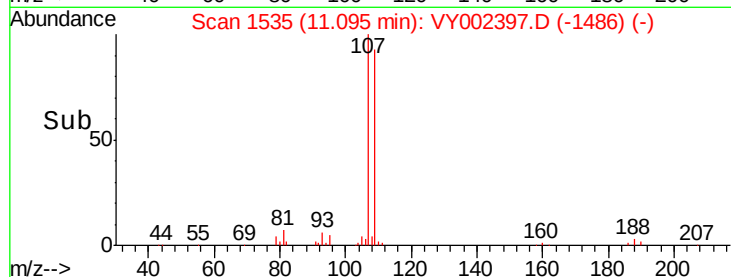
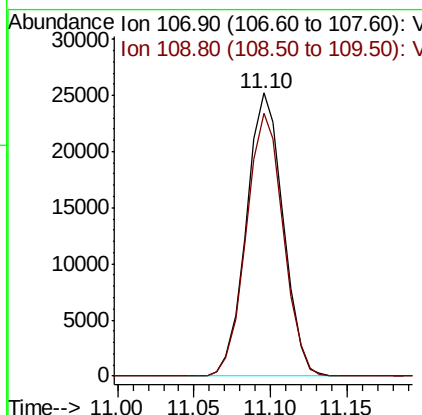
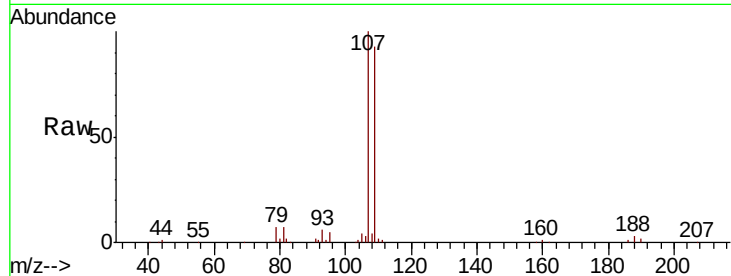




#61
 1,2-Dibromoethane
 Concen: 47.873 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

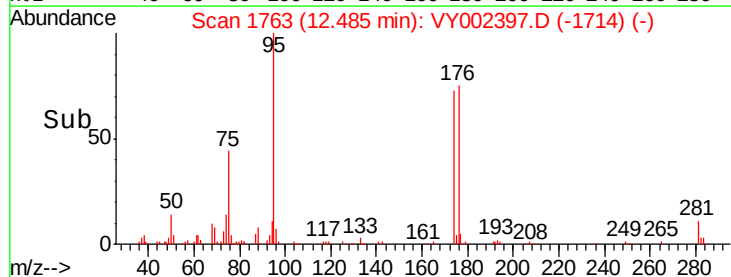
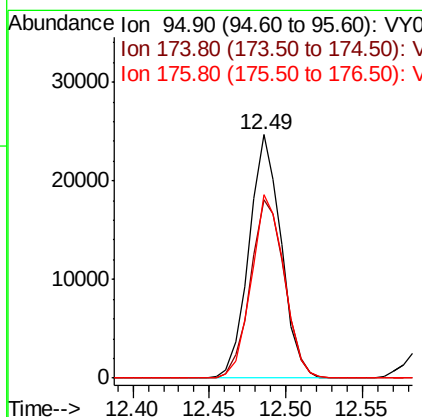
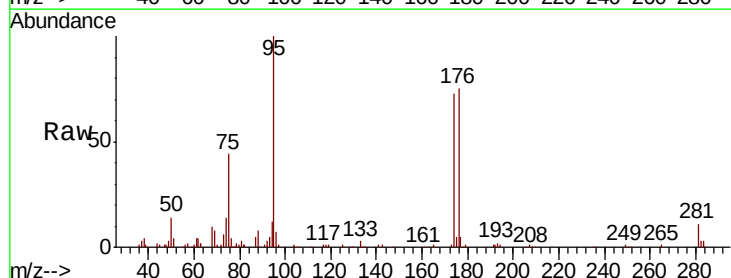
Instrument :
 MSVOA_Y
 ClientSampleId :

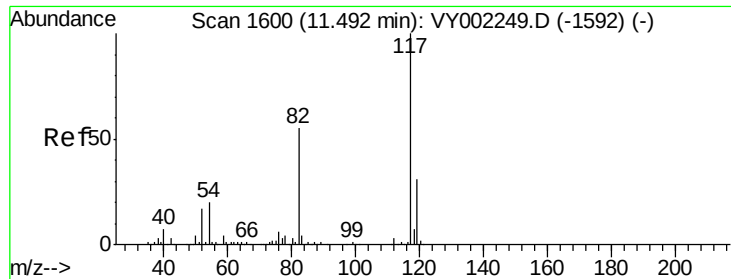
Tot Ion:107 Resp: 42138
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 26.888 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion: 95 Resp: 35988
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 150.6
 176 77.0 0.0 141.4

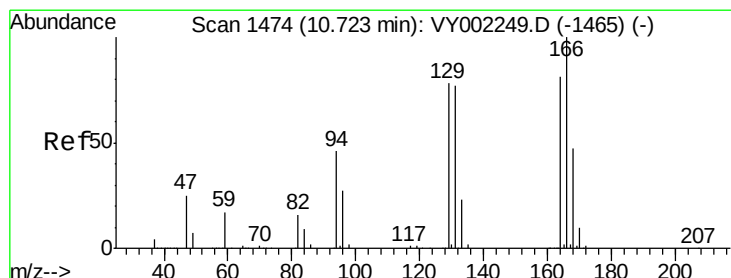
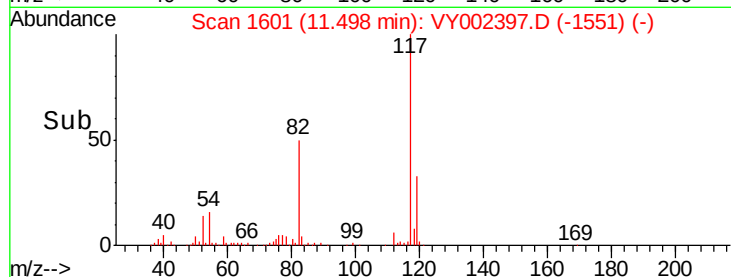
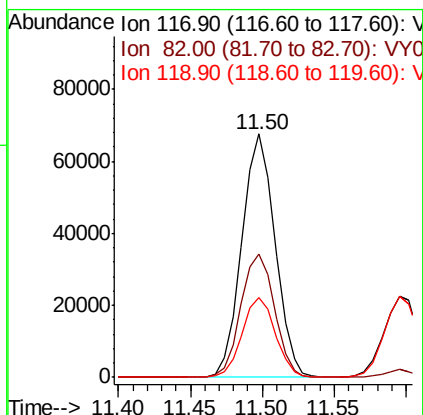
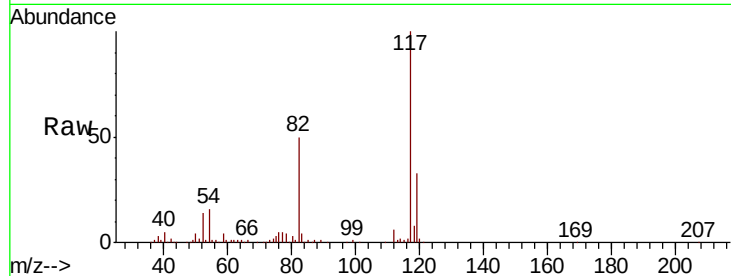




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

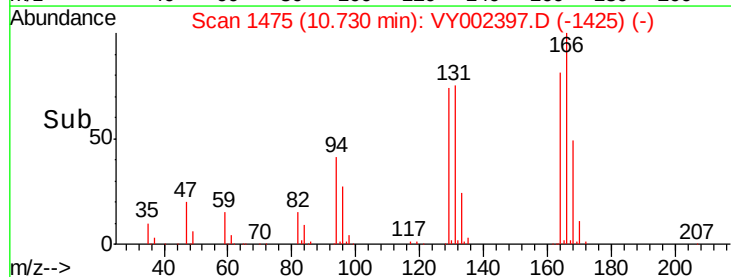
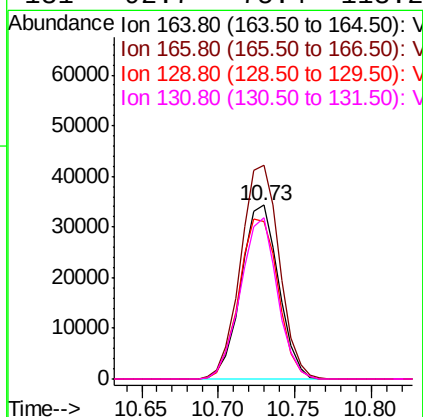
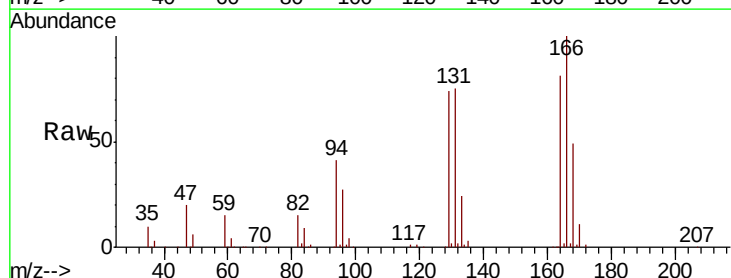
Instrument :
MSVOA_Y
ClientSampleId :

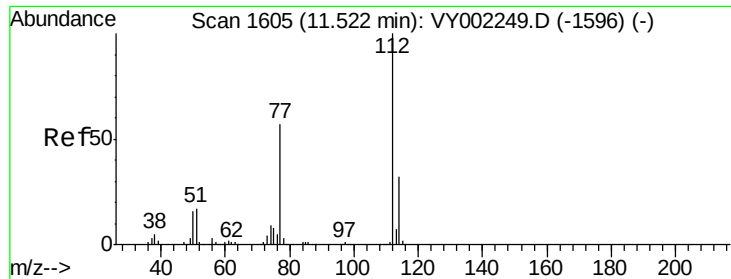
Tot Ion:117 Resp: 108097
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.4
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 53.704 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion:164 Resp: 58692
Ion Ratio Lower Upper
164 100
166 122.8 98.4 147.6
129 90.4 76.6 115.0
131 92.7 75.4 113.2

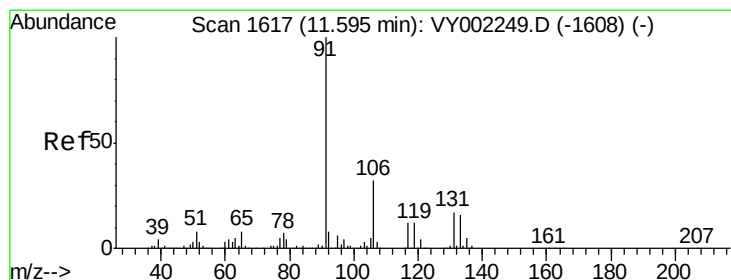
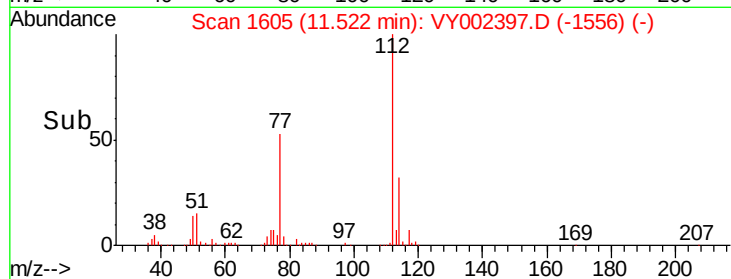
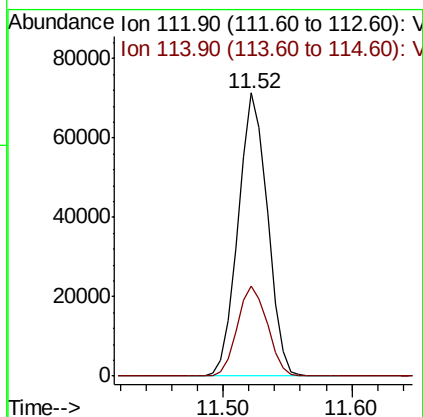
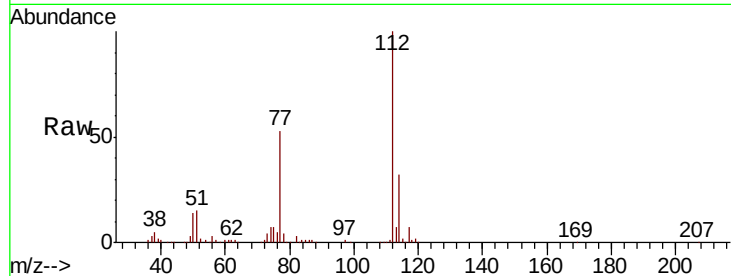




#65
Chlorobenzene
Concen: 50.118 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

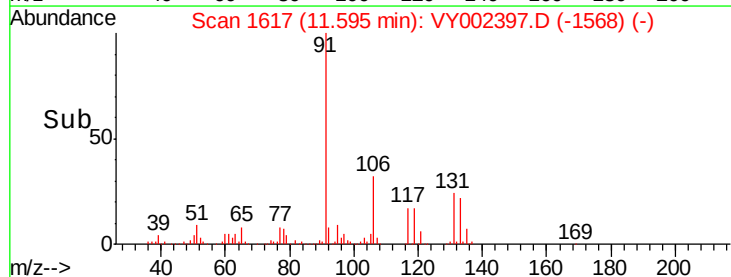
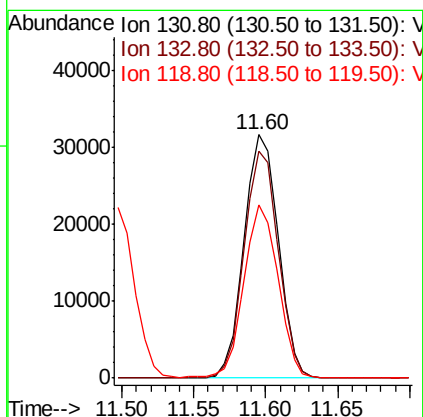
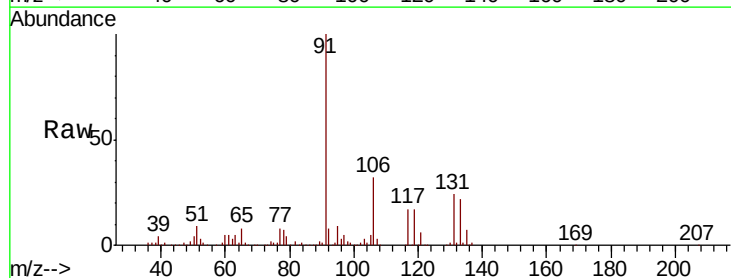
Instrument :
MSVOA_Y
ClientSampleId :

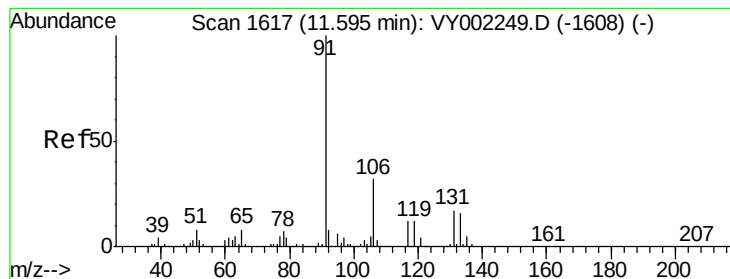
Tot Ion:112 Resp: 112615
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 70.233 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion:131 Resp: 52104
Ion Ratio Lower Upper
131 100
133 93.1 46.5 139.3
119 71.5 34.5 103.6





#67

Ethyl Benzene

Concen: 53.148 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

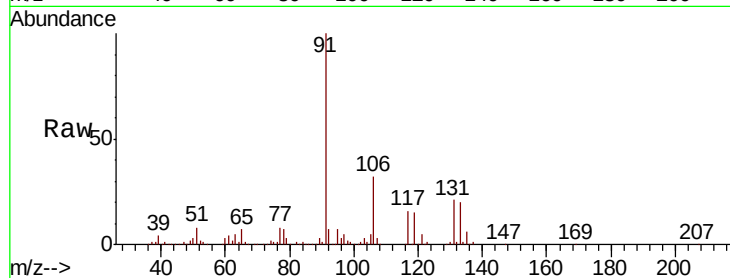
ClientSampled :

Tot Ion: 91 Resp: 218630

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

150000

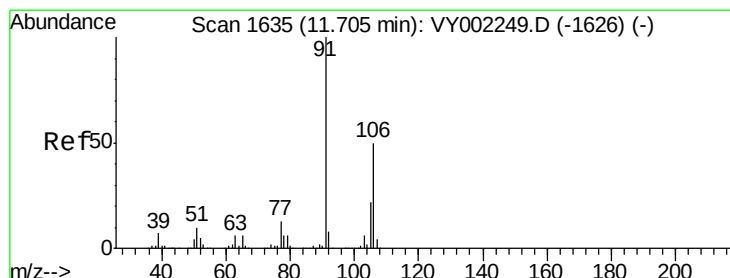
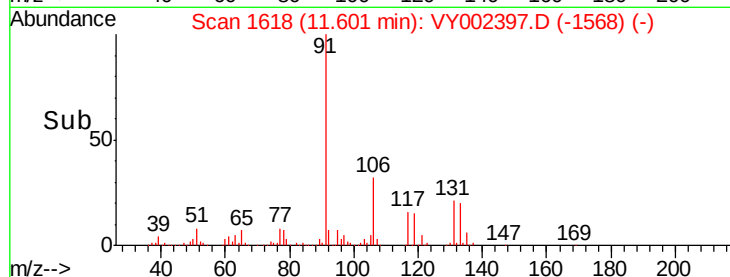
100000

50000

0

11.50 11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 98.923 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002397.D

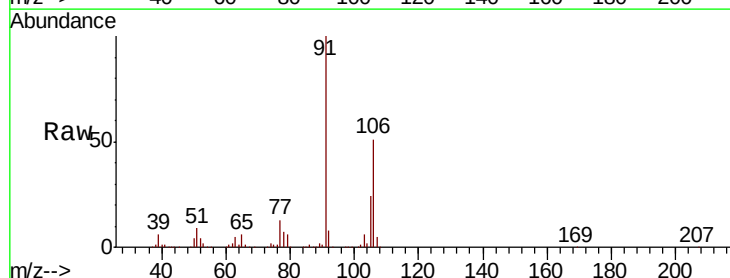
Acq: 17 Apr 2020 14:28

Tgt Ion:106 Resp: 152413

Ion Ratio Lower Upper

106 100

91 195.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

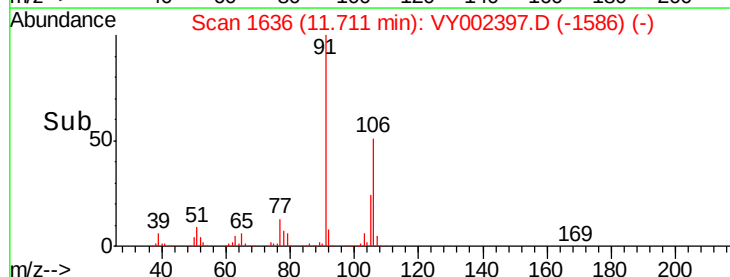
100000

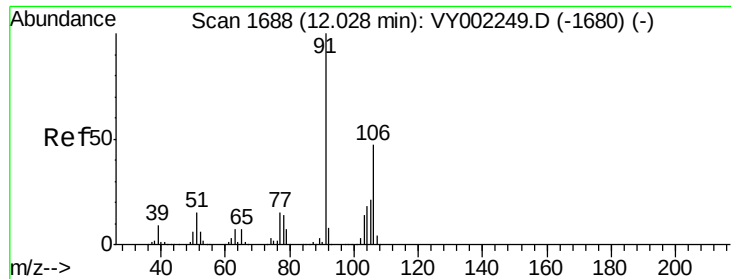
50000

0

11.60 11.70 11.80

Time-->

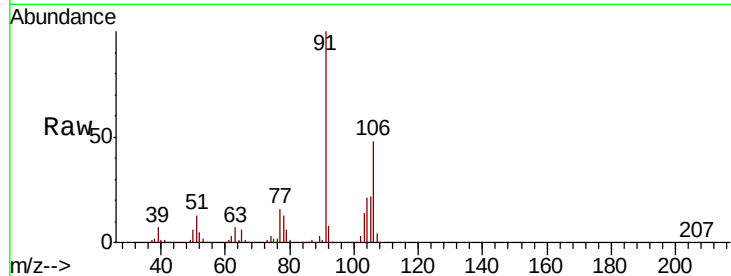




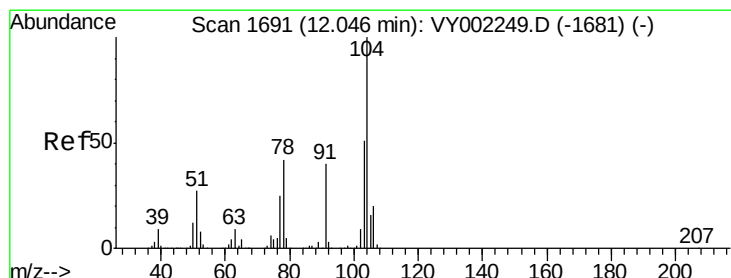
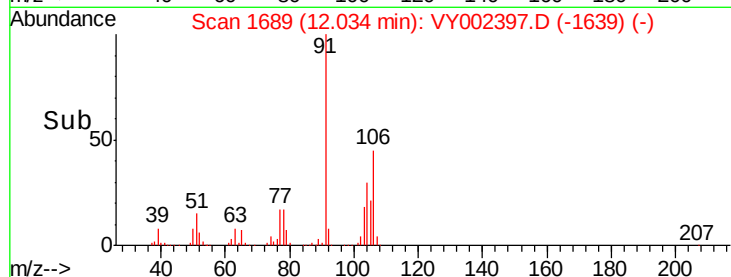
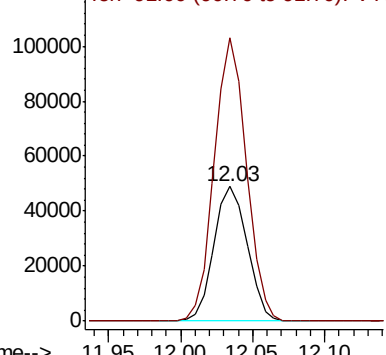
#69
o-Xylene
Concen: 54.245 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 78465
Ion Ratio Lower Upper
106 100
91 202.6 105.8 317.3

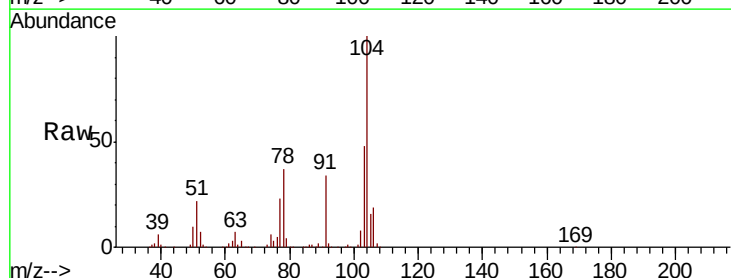


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

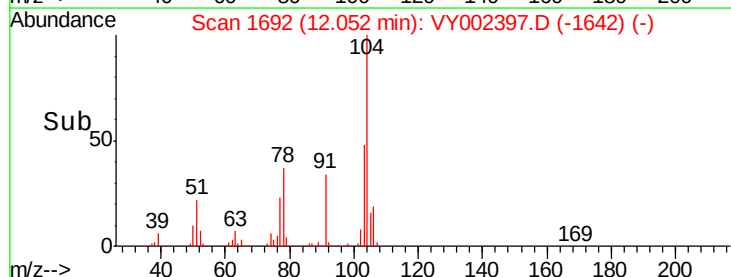
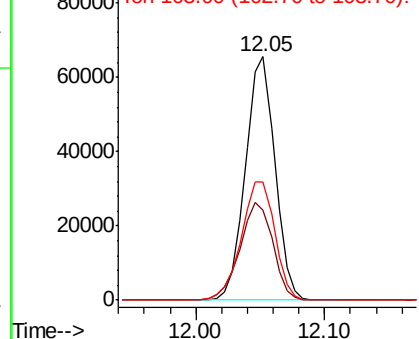


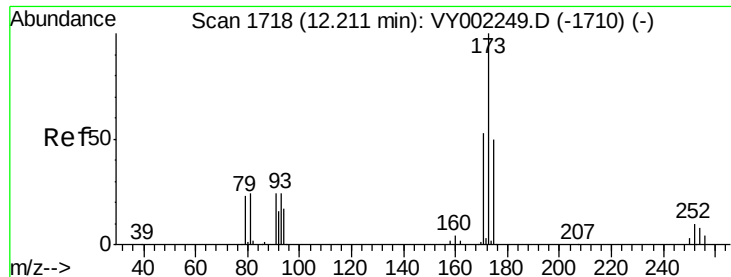
#70
Styrene
Concen: 41.154 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion:104 Resp: 103278
Ion Ratio Lower Upper
104 100
78 45.0 37.2 55.8
103 55.6 43.4 65.0



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





#71

Bromoform

Concen: 58.928 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

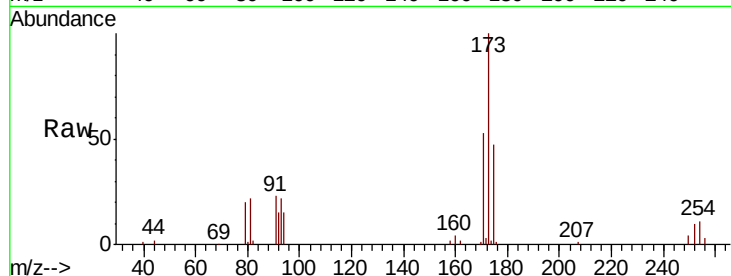
Tot Ion:173 Resp: 23774

Ion Ratio Lower Upper

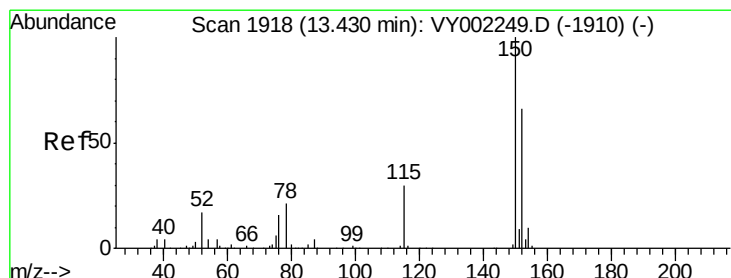
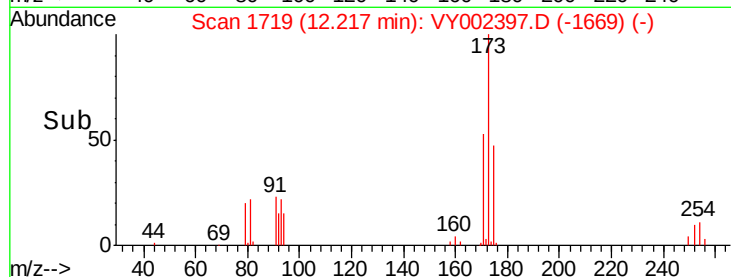
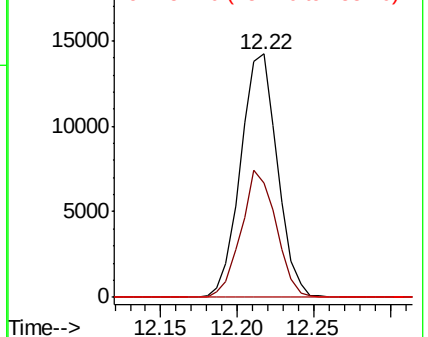
173 100

175 49.2 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

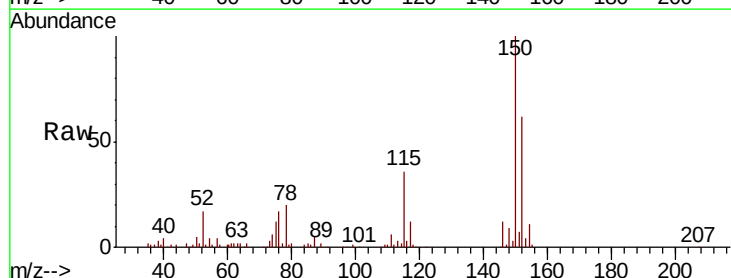
Tgt Ion:152 Resp: 29028

Ion Ratio Lower Upper

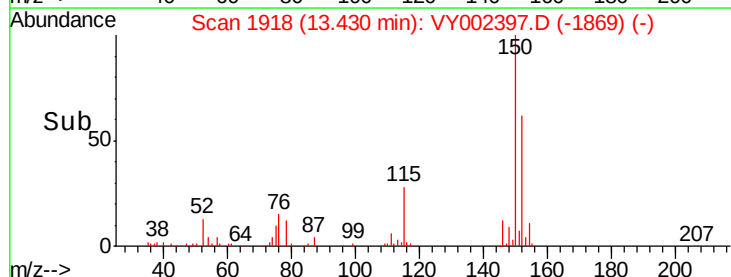
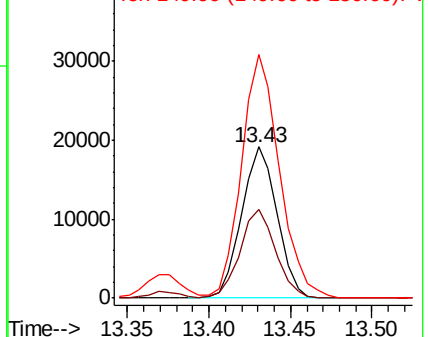
152 100

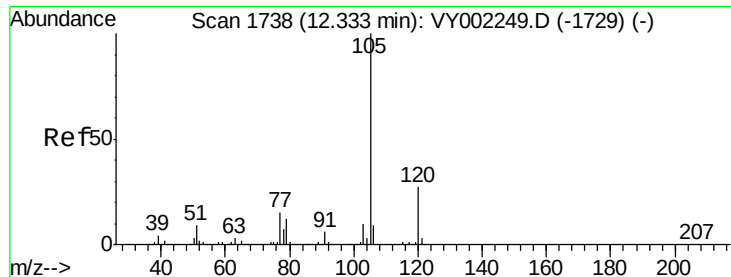
115 58.9 30.7 92.1

150 172.6 0.0 350.6



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





#73

Isopropylbenzene

Concen: 77.601 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

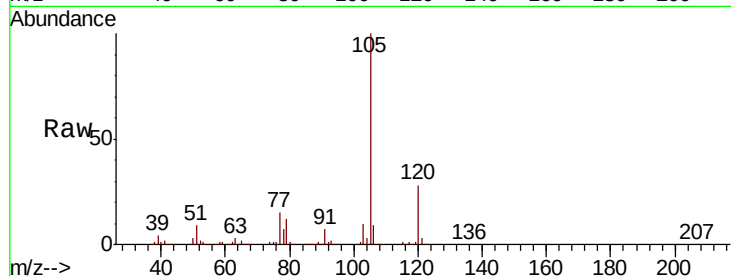
ClientSampleId :

Tot Ion:105 Resp: 176967

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

120000

100000

80000

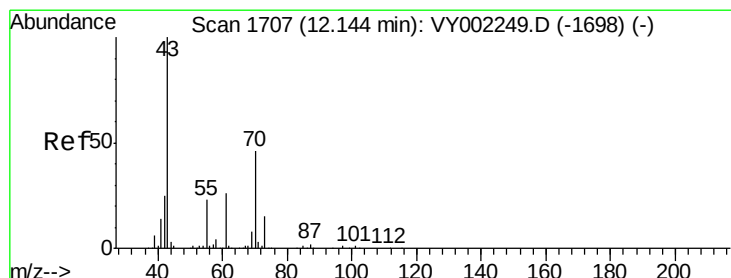
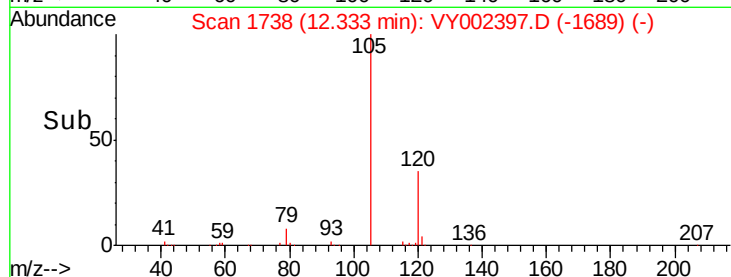
60000

40000

20000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 1.899 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Tgt Ion: 43 Resp: 1229

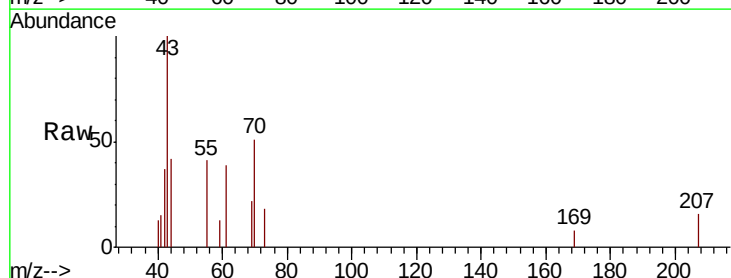
Ion Ratio Lower Upper

43 100

70 51.7 37.5 56.3

55 24.6 19.0 28.6

61 25.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

1000

800

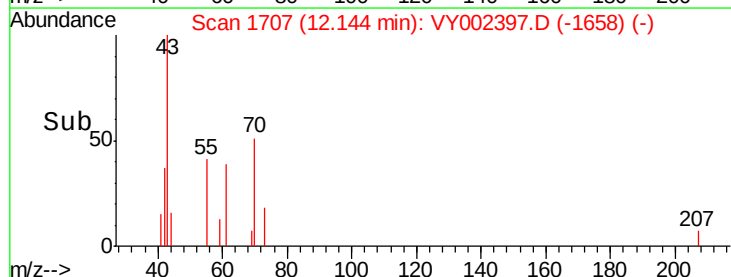
600

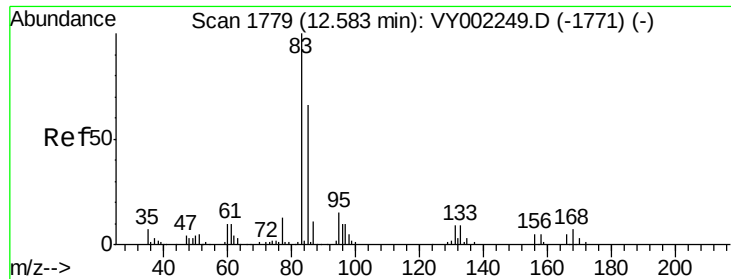
400

200

0

Time--> 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 114.575 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

ClientSampled :

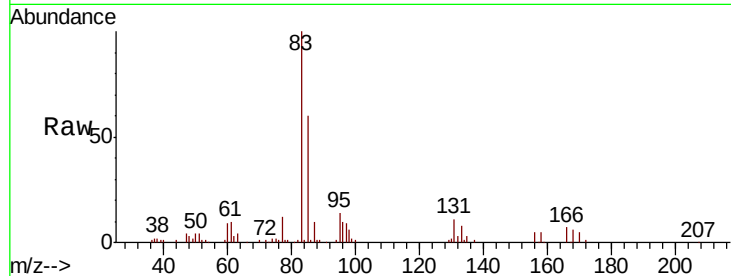
Tot Ion: 83 Resp: 31612

Ion Ratio Lower Upper

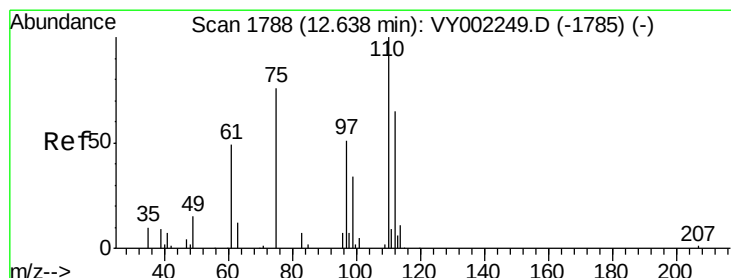
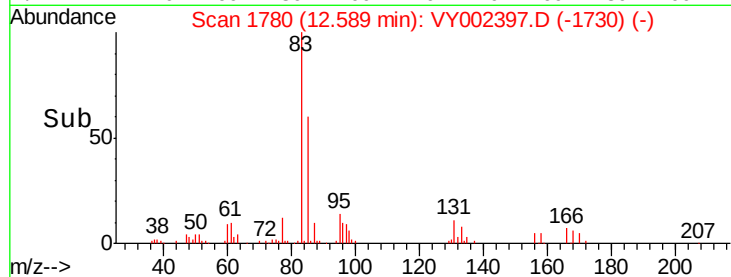
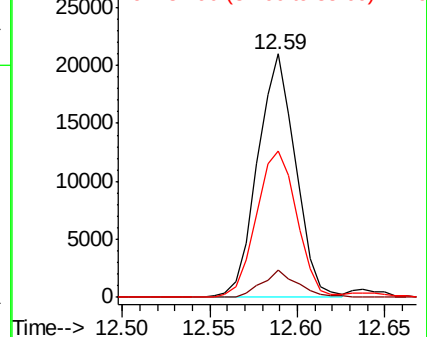
83 100

131 10.4 4.9 14.7

85 64.2 32.6 97.8



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



#76

1,2,3-Trichloropropane

Concen: 157.295 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002397.D

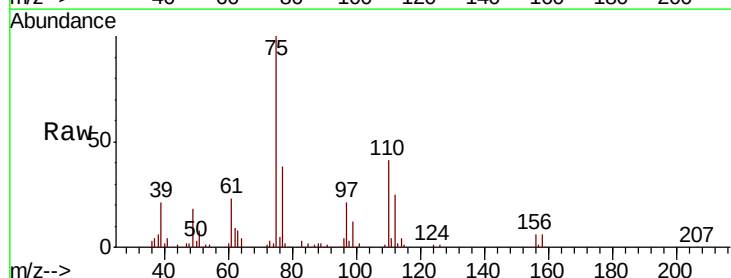
Acq: 17 Apr 2020 14:28

Tgt Ion: 75 Resp: 53021

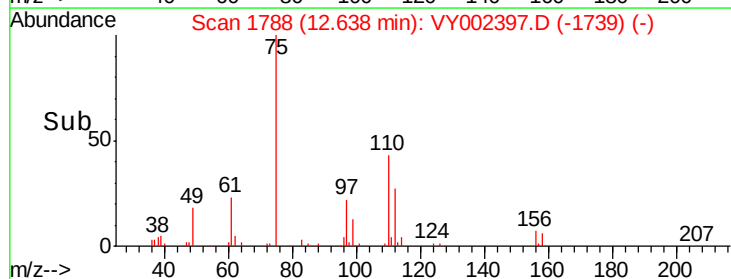
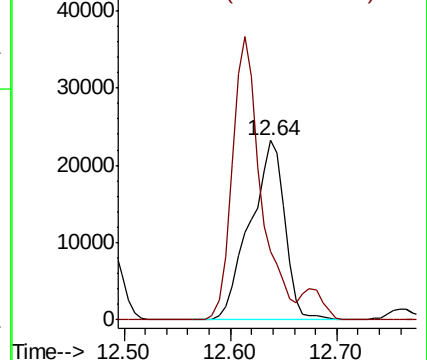
Ion Ratio Lower Upper

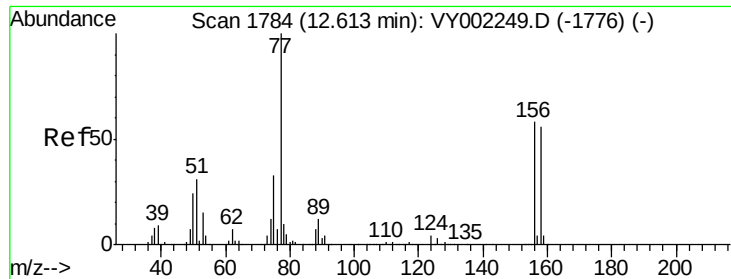
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 68.033 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

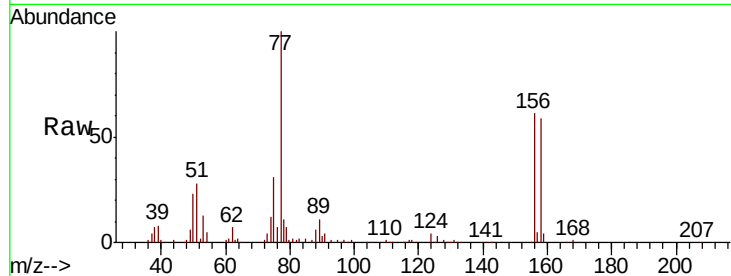
Tot Ion:156 Resp: 34134

Ion Ratio Lower Upper

156 100

77 203.0 101.3 303.9

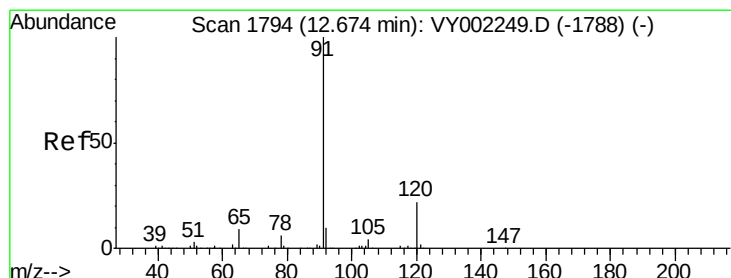
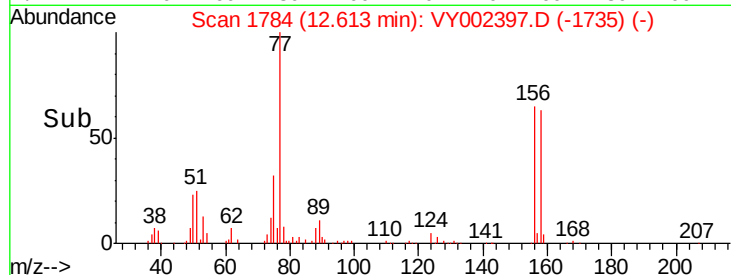
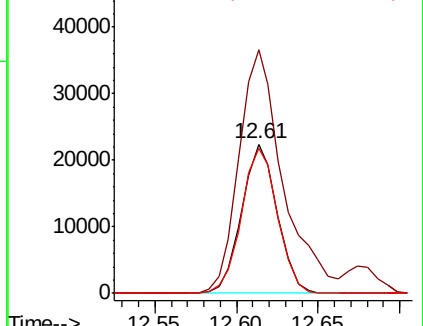
158 97.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.978 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002397.D

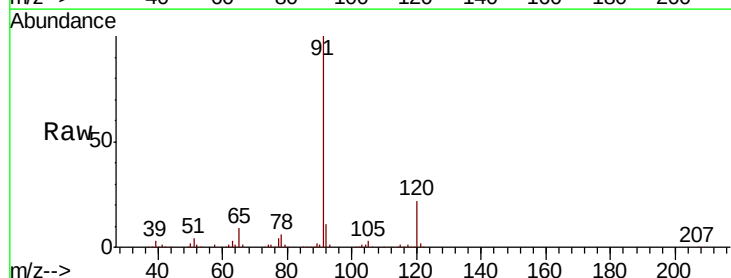
Acq: 17 Apr 2020 14:28

Tgt Ion: 91 Resp: 172947

Ion Ratio Lower Upper

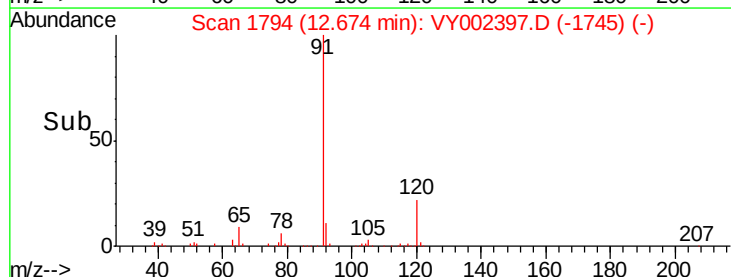
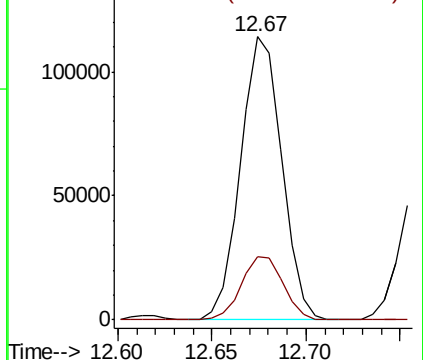
91 100

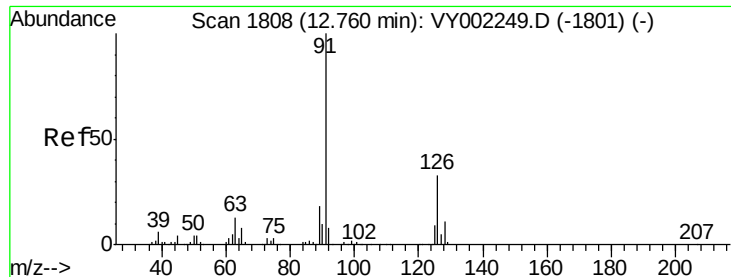
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

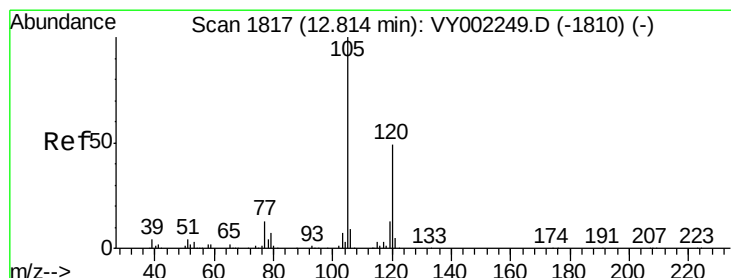
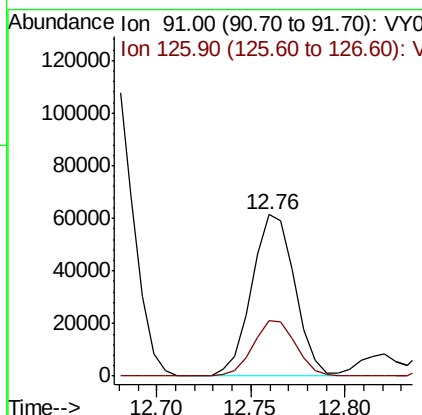
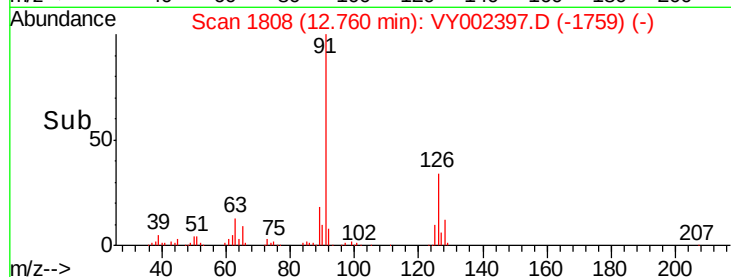
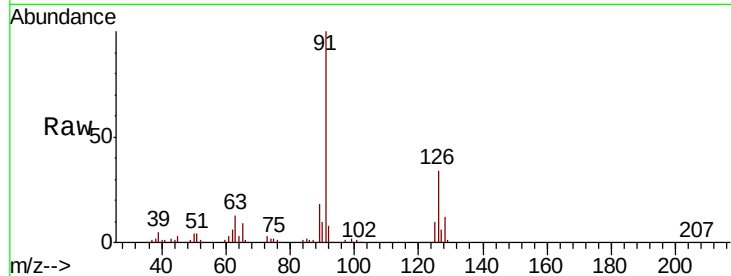




#79
 2-Chlorotoluene
 Concen: 63.153 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

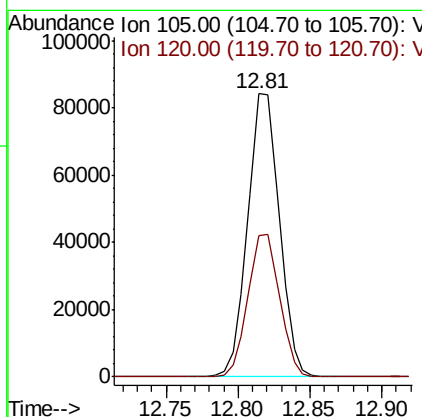
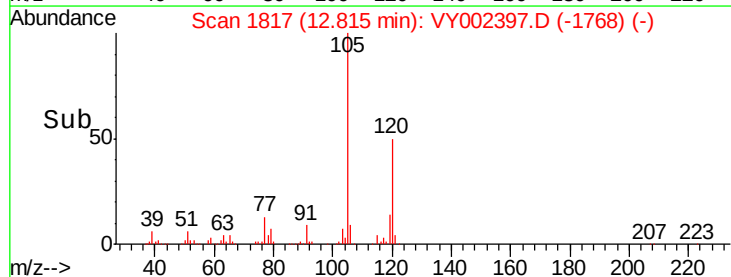
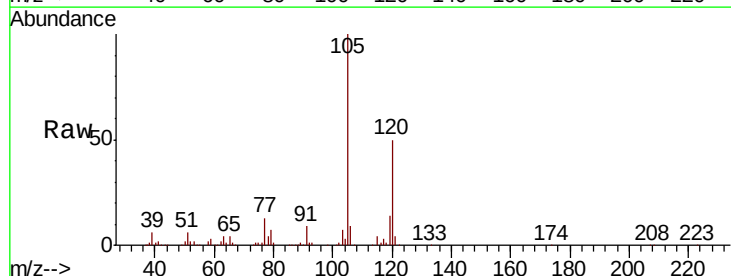
Instrument :
 MSVOA_Y
 ClientSampled :

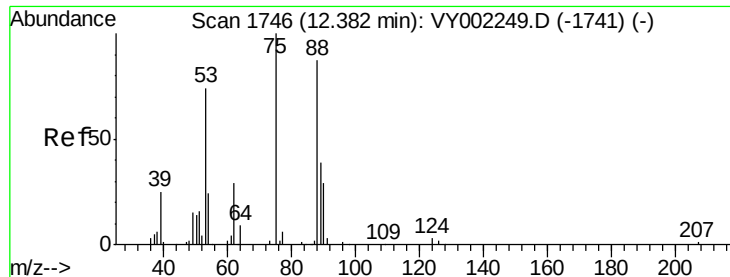
Tot Ion: 91 Resp: 97341
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 67.785 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion:105 Resp: 127843
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.7 74.1

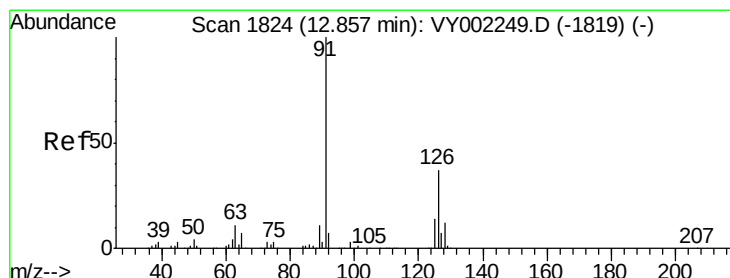
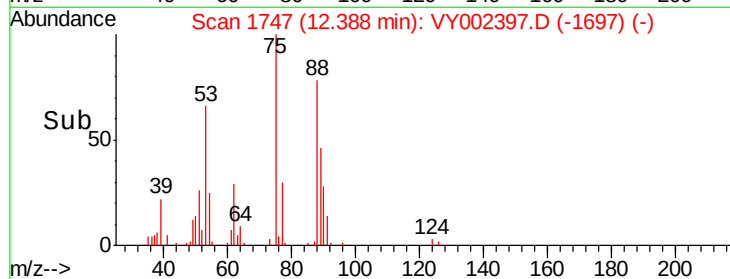
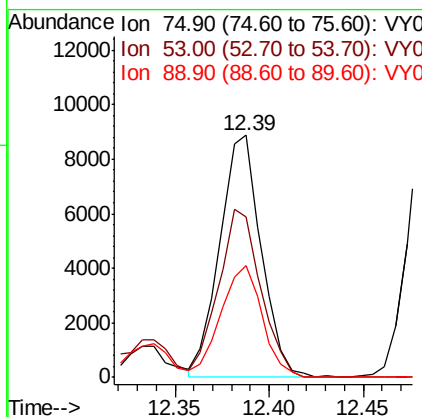
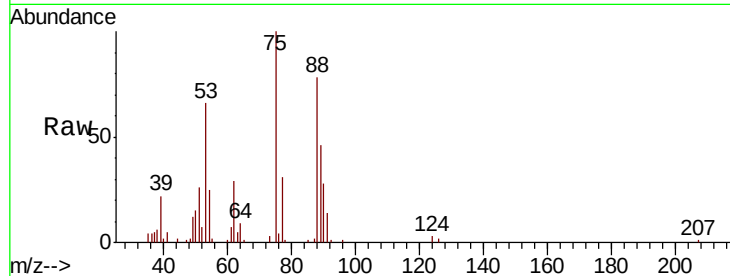




#81
trans-1,4-Dichloro-2-butene
Concen: 78.202 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

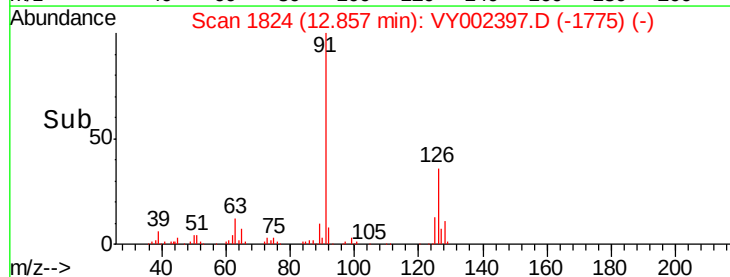
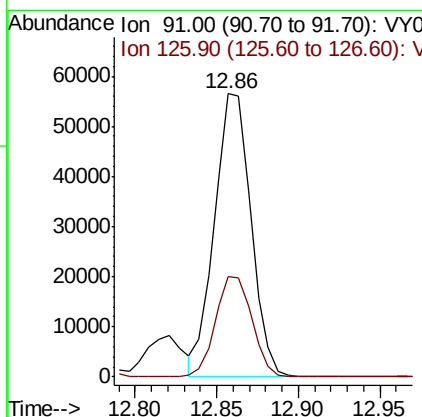
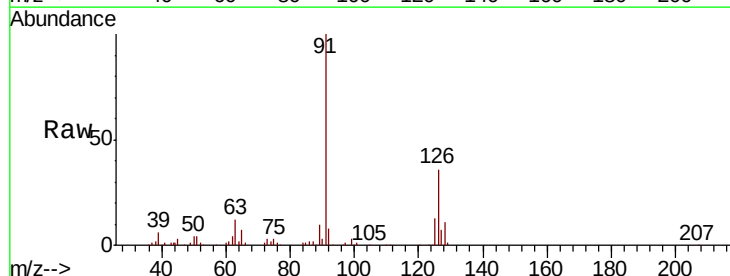
Instrument :
MSVOA_Y
ClientSampleId :

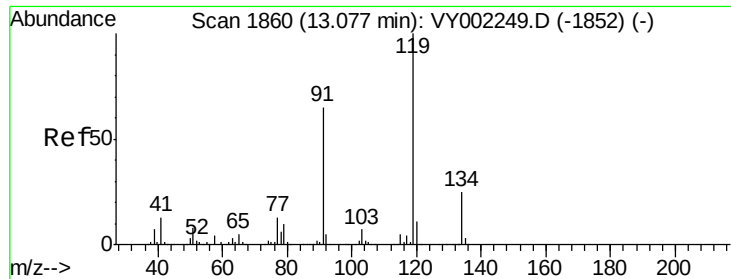
Tot Ion: 75 Resp: 13553
Ion Ratio Lower Upper
75 100
53 70.6 59.8 89.8
89 46.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 54.654 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 91 Resp: 88294
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

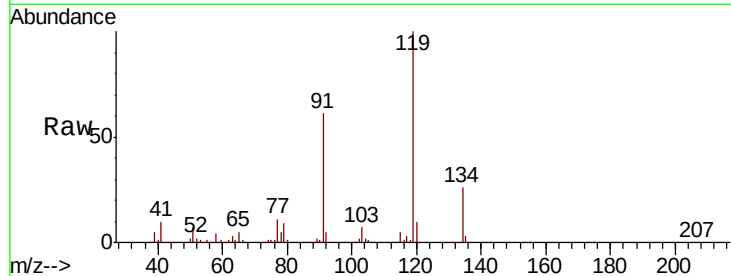




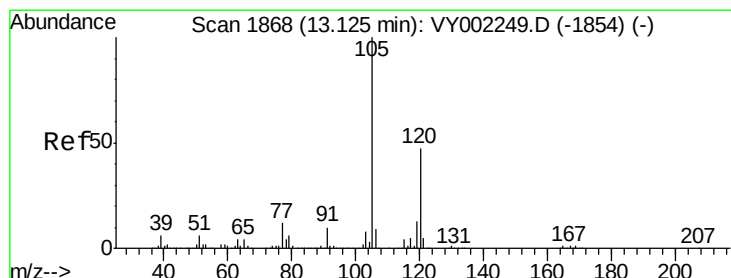
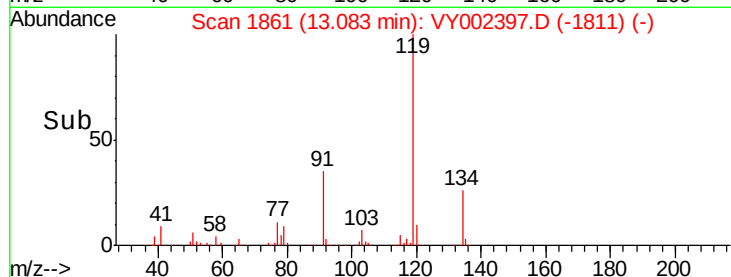
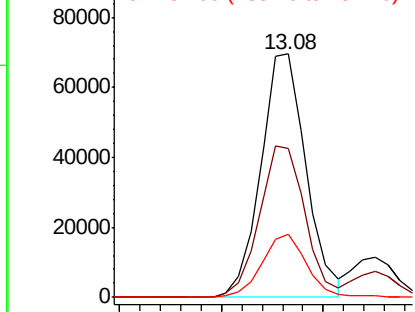
#83
 tert-Butylbenzene
 Concen: 68.045 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 107495
 Ion Ratio Lower Upper
 119 100
 91 62.7 32.4 97.0
 134 25.6 12.6 37.6

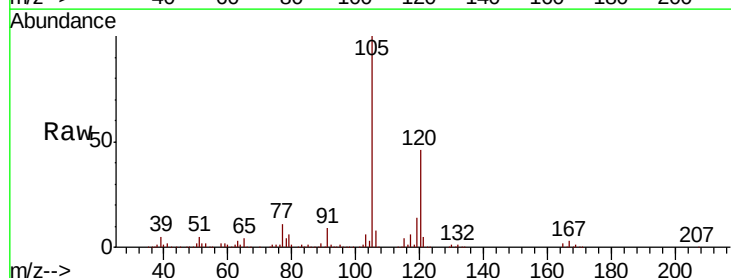


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

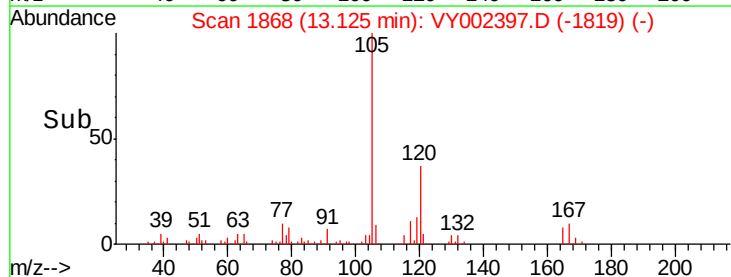
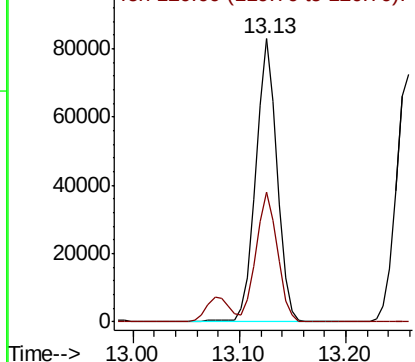


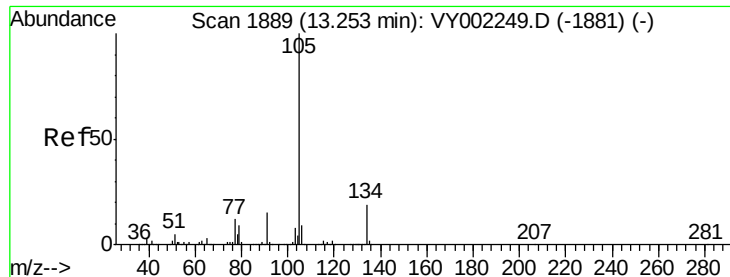
#84
 1,2,4-Trimethylbenzene
 Concen: 61.673 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion:105 Resp: 116150
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 46.429 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

Instrument :

MSVOA_Y

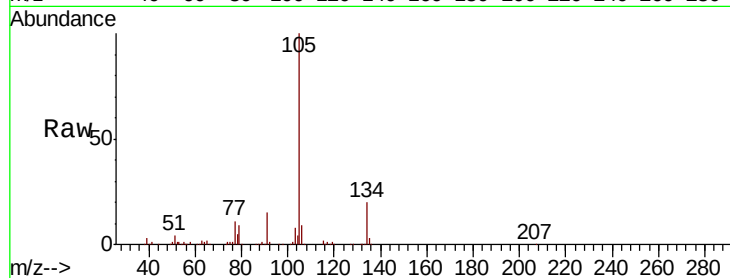
ClientSampleId :

Tot Ion:105 Resp: 109263

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

80000

60000

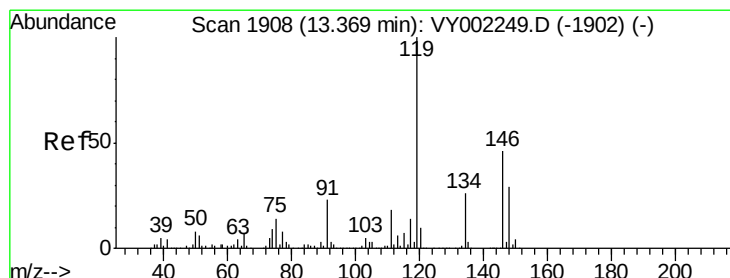
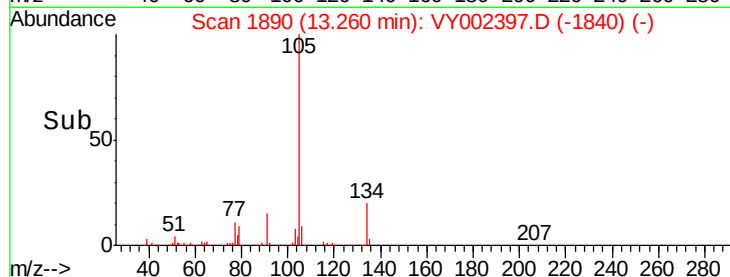
40000

20000

0

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 7.738 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002397.D

Acq: 17 Apr 2020 14:28

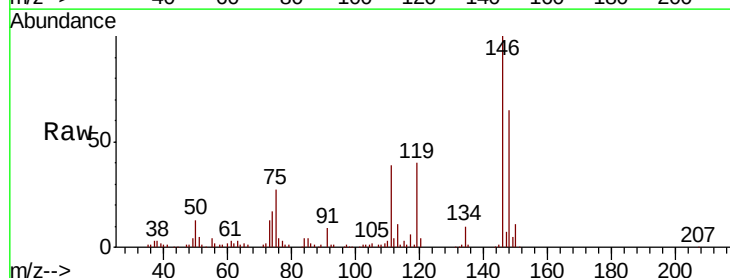
Tgt Ion:119 Resp: 15672

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.0 11.5 34.4



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

15000

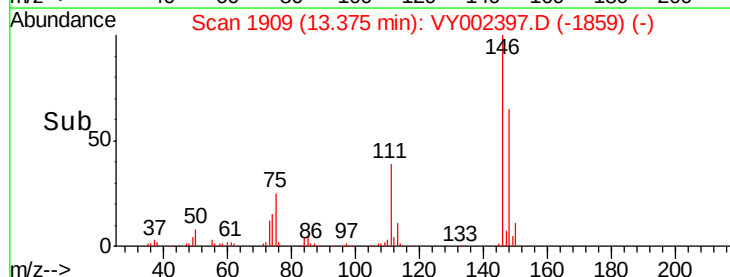
10000

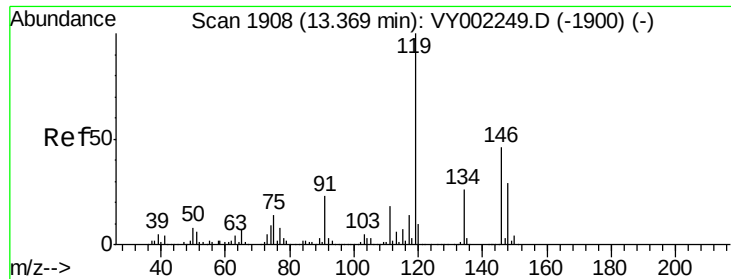
5000

0

13.30 13.35 13.40

Time-->

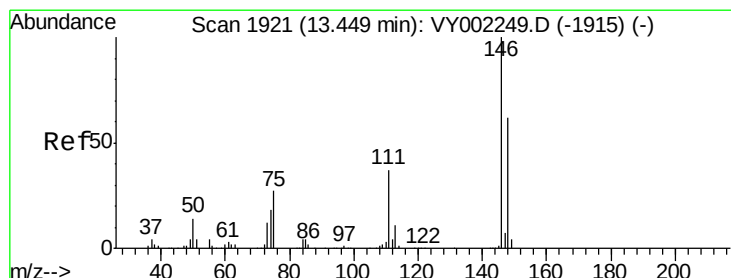
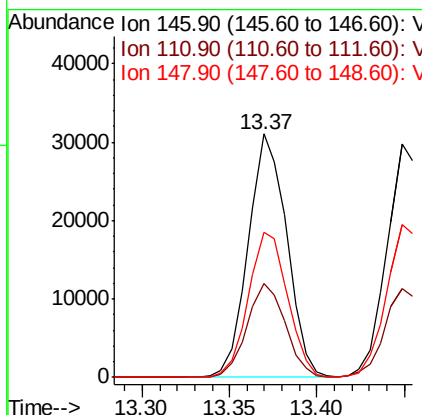
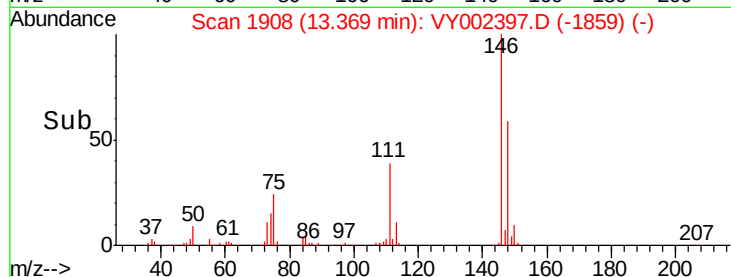
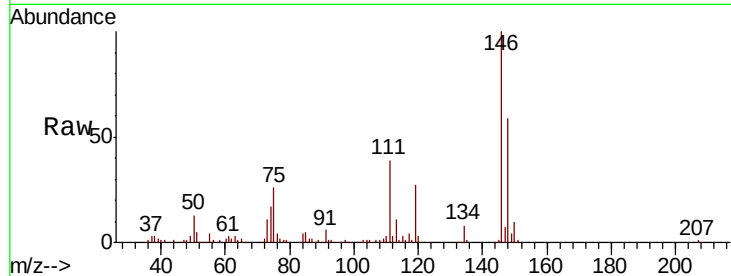




#87
 1,3-Dichlorobenzene
 Concen: 48.776 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

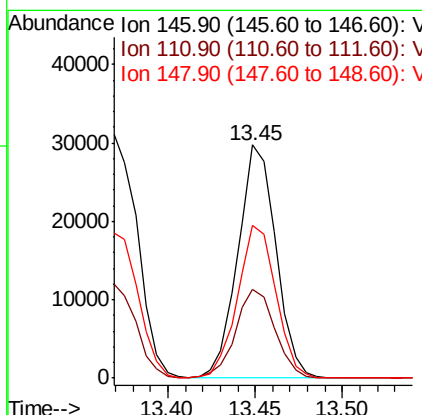
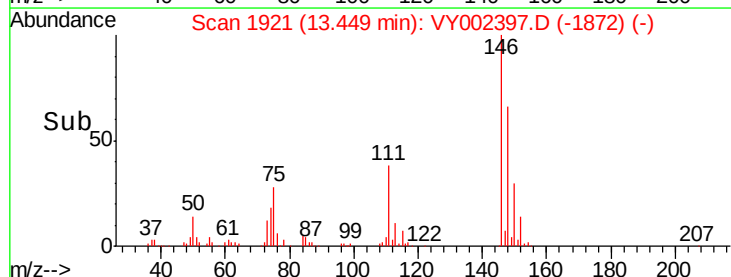
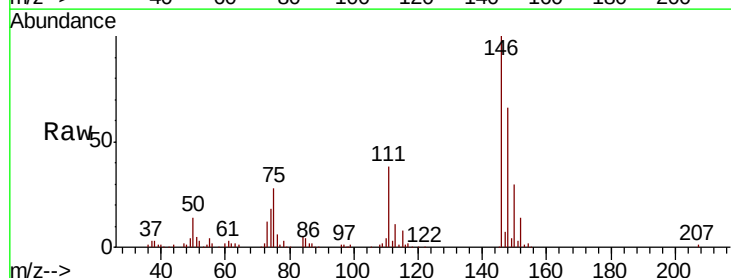
Instrument :
 MSVOA_Y
 ClientSampleId :

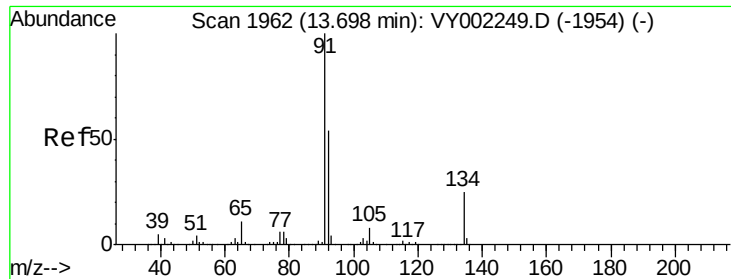
Tot Ion:146 Resp: 47427
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.3 60.8
 148 61.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.732 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion:146 Resp: 45138
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 66.1 32.0 96.0

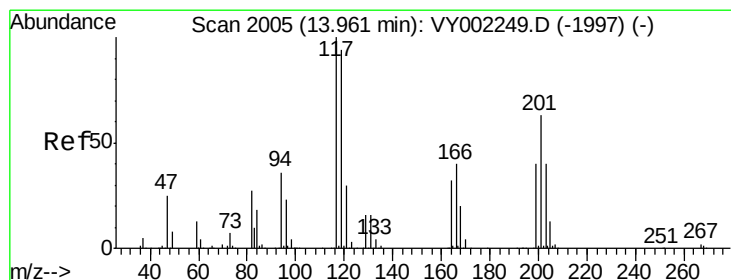
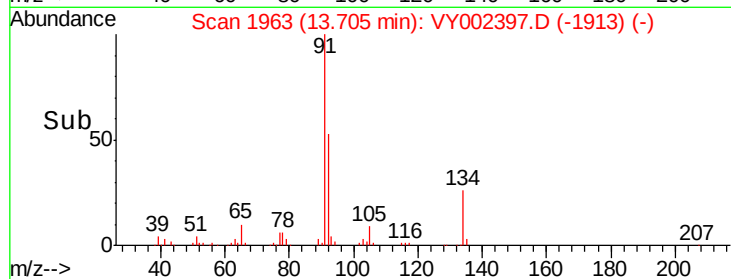
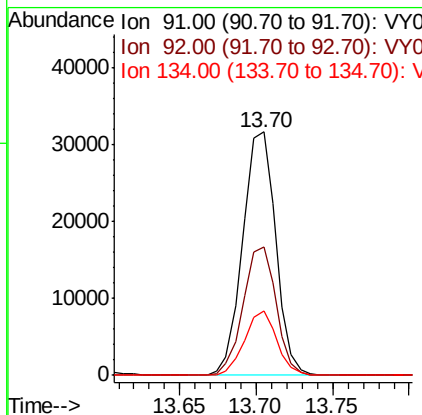
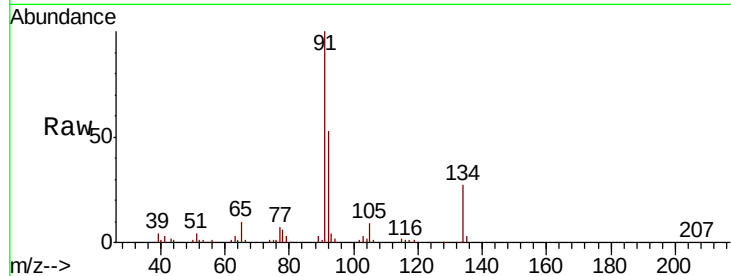




#89
n-Butylbenzene
Concen: 22.847 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

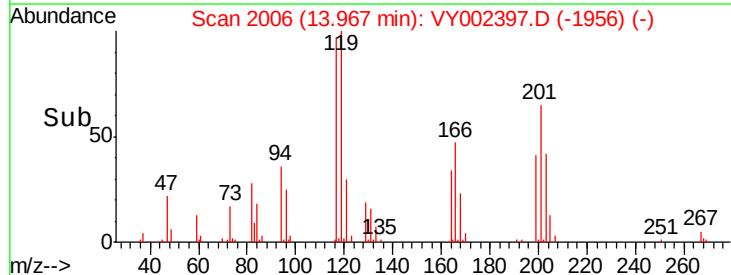
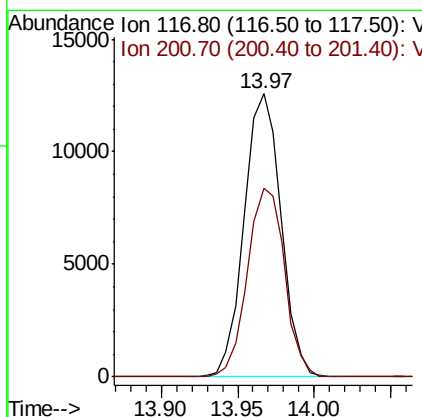
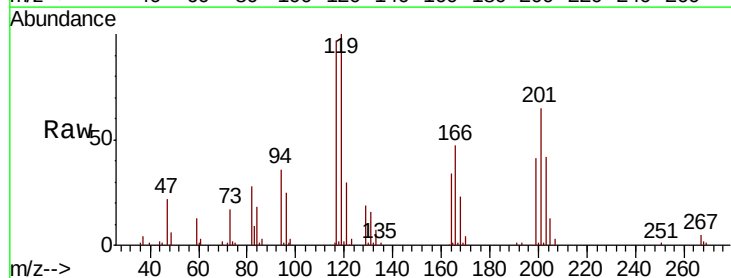
Instrument :
MSVOA_Y
ClientSampled :

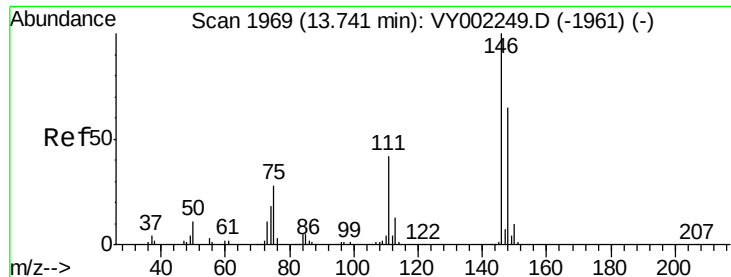
Tot Ion: 91 Resp: 47433
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.6
134 25.8 12.7 38.0



#90
Hexachloroethane
Concen: 54.655 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion: 117 Resp: 21095
Ion Ratio Lower Upper
117 100
201 67.1 33.1 99.2

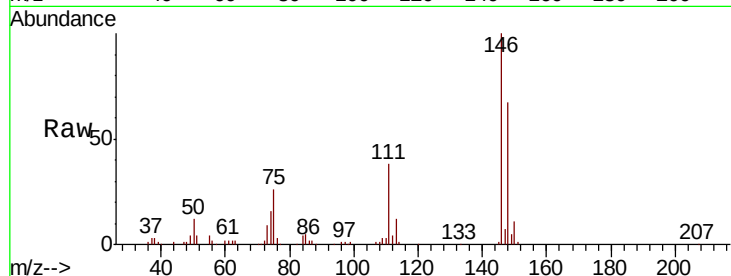




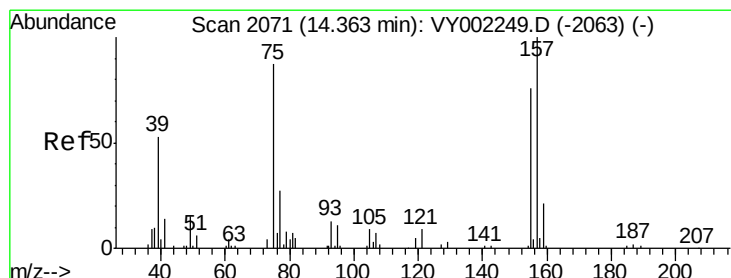
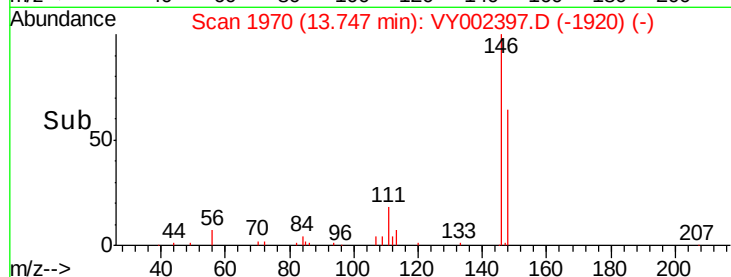
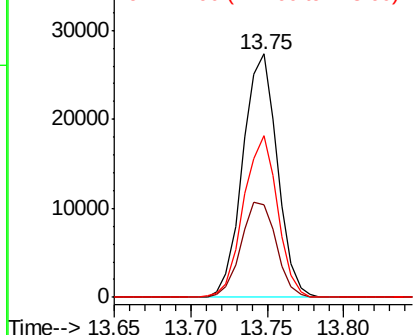
#91
 1,2-Dichlorobenzene
 Concen: 48.488 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.1	63.1
148	65.4	31.9	95.9

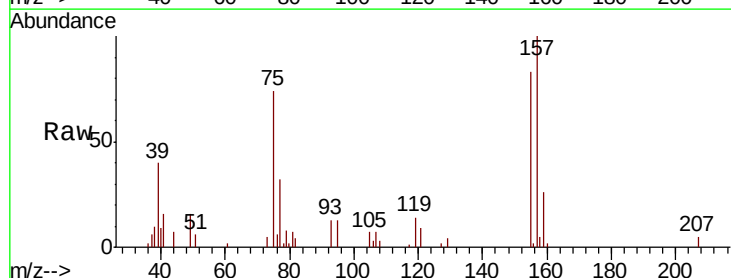


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

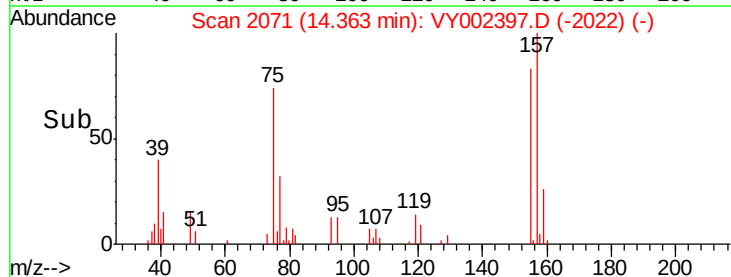
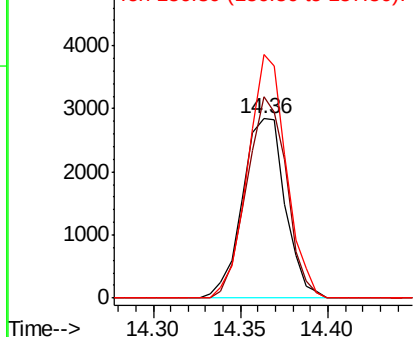


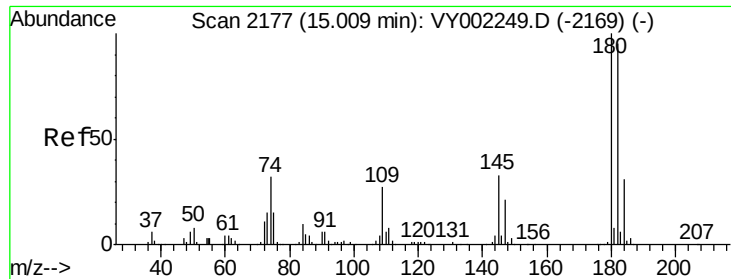
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 72.487 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	43.6	130.8
157	121.7	56.0	168.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

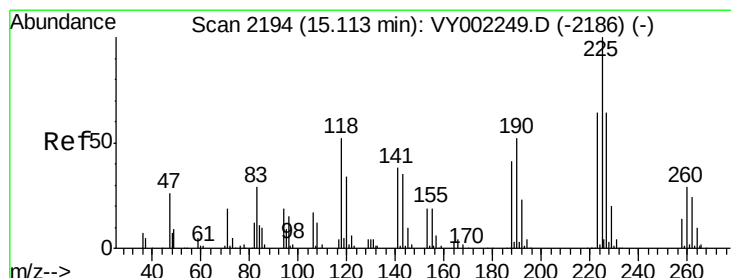
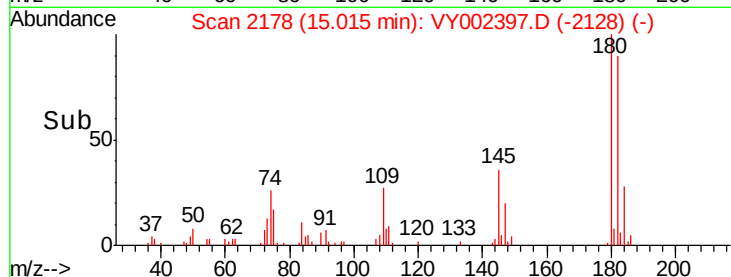
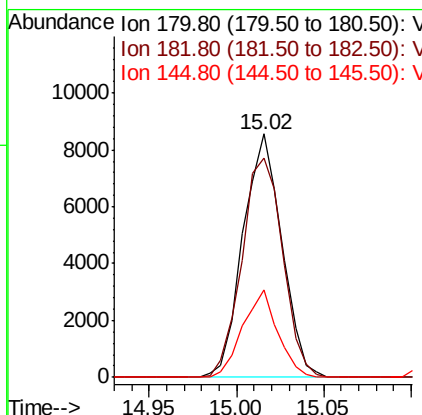
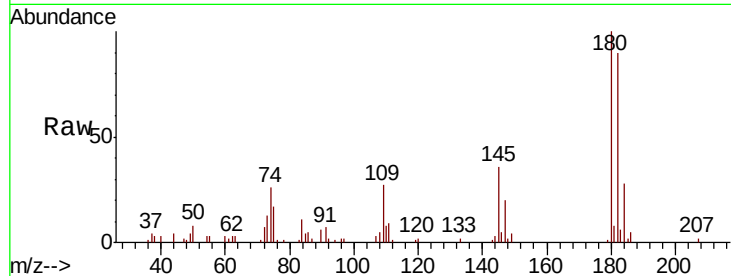




#93
 1,2,4-Trichlorobenzene
 Concen: 22.962 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

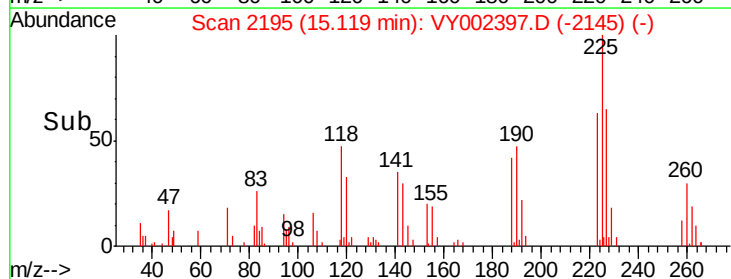
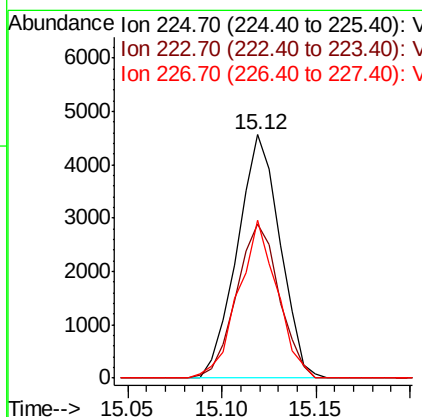
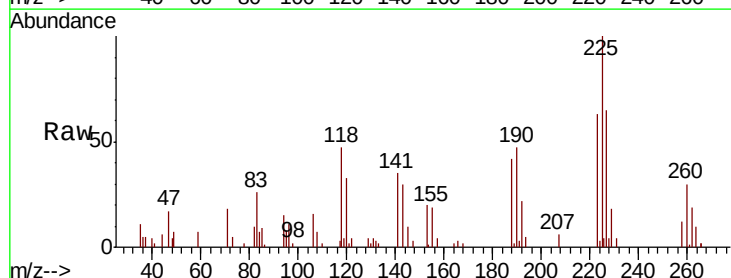
Instrument :
 MSVOA_Y
 ClientSampled :

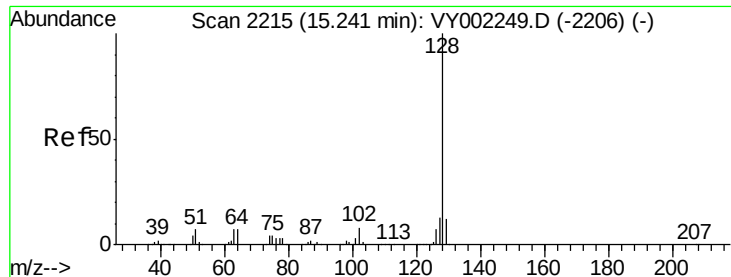
Tot Ion:180 Resp: 13261
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.7
 145 32.2 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 24.640 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002397.D
 Acq: 17 Apr 2020 14:28

Tgt Ion:225 Resp: 7167
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.0 93.0
 227 59.0 31.3 93.9

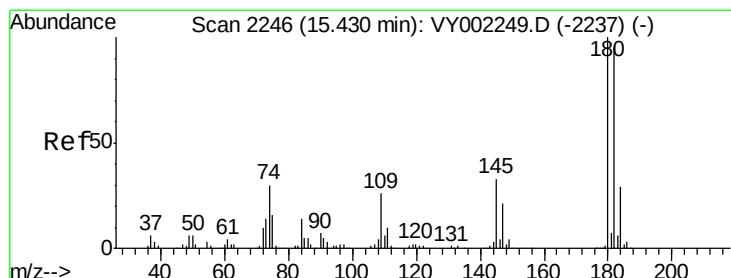
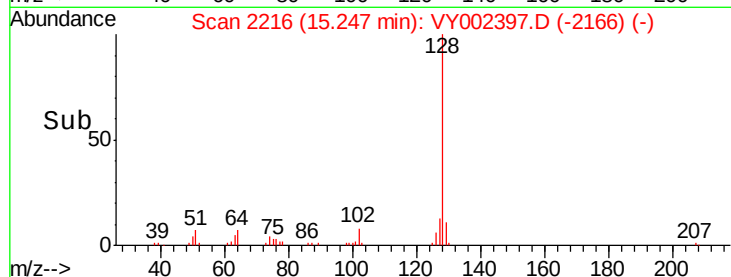
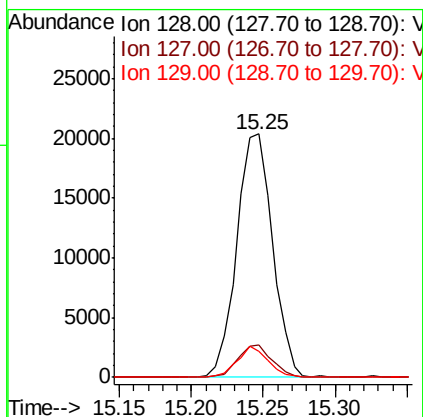
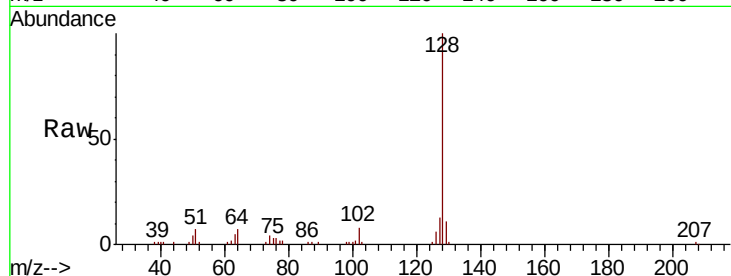




#95
Naphthalene
Concen: 27.745 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 35083
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.125 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002397.D
Acq: 17 Apr 2020 14:28

Tgt Ion:180 Resp: 11095
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 31.6 16.7 50.1

