

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002245.D
 Acq On : 08 Apr 2020 11:48
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 08 14:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116312	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	17516	10.14	ug/l	0.00
Spiked Amount			Recovery	=	20.28%	
35) Dibromofluoromethane	7.74	113	16628	9.99	ug/l	0.00
Spiked Amount			Recovery	=	19.98%	
50) Toluene-d8	10.19	98	70727	10.15	ug/l	0.00
Spiked Amount			Recovery	=	20.30%	
62) 4-Bromofluorobenzene	12.48	95	23386	10.17	ug/l	0.00
Spiked Amount			Recovery	=	20.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	16952	10.801	ug/l	94
3) Chloromethane	2.13	50	21901	11.088	ug/l	94
4) Vinyl Chloride	2.26	62	22877	10.881	ug/l	99
5) Bromomethane	2.66	94	15496	11.936	ug/l	94
6) Chloroethane	2.80	64	13394	11.047	ug/l	99
7) Trichlorofluoromethane	3.15	101	29072	10.707	ug/l	97
8) Diethyl Ether	3.55	74	11792	10.216	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	19431	10.535	ug/l	99
10) Methyl Iodide	4.11	142	21422	9.992	ug/l	98
11) Tert butyl alcohol	4.97	59	12966	57.070	ug/l #	82
12) 1,1-Dichloroethene	3.89	96	20111	10.725	ug/l	87
13) Acrolein	3.75	56	11305	50.771	ug/l	95
14) Allyl chloride	4.51	41	31471	10.394	ug/l	99
15) Acrylonitrile	5.19	53	31134	52.745	ug/l	99
16) Acetone	3.97	43	24398	53.640	ug/l	98
17) Carbon Disulfide	4.22	76	65753	10.559	ug/l	97
18) Methyl Acetate	4.50	43	14802	10.492	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	51629	10.473	ug/l	96
20) Methylene Chloride	4.74	84	24847	11.114	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	22323	10.606	ug/l	94
22) Diisopropyl ether	6.14	45	66011	10.833	ug/l	96
23) Vinyl Acetate	6.09	43	205727	52.979	ug/l	99
24) 1,1-Dichloroethane	6.05	63	36857	10.634	ug/l	95
25) 2-Butanone	7.01	43	38668	53.719	ug/l	96
26) 2,2-Dichloropropane	7.00	77	31792	10.965	ug/l	96
27) cis-1,2-Dichloroethene	7.01	96	23988	10.456	ug/l	96
28) Bromochloromethane	7.36	49	15506	10.364	ug/l	99
29) Tetrahydrofuran	7.37	42	26168	54.996	ug/l	97
30) Chloroform	7.53	83	34899	10.682	ug/l	100
31) Cyclohexane	7.80	56	39737	10.922	ug/l #	85
32) 1,1,1-Trichloroethane	7.72	97	28533	10.492	ug/l	99
36) 1,1-Dichloropropene	7.93	75	29164	10.584	ug/l	96
37) Ethyl Acetate	7.10	43	17394	11.050	ug/l	98
38) Carbon Tetrachloride	7.92	117	24388	10.347	ug/l	94

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

39) Methylcyclohexane	9.19	83	39483	10.534	ug/l	99
40) Benzene	8.18	78	89934	10.758	ug/l	97
41) Methacrylonitrile	7.36	41	21749	20.914	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	22067	10.656	ug/l	100
43) Isopropyl Acetate	8.29	43	30398	10.588	ug/l	99
44) Trichloroethene	8.95	130	26395	10.739	ug/l	88
45) 1,2-Dichloropropane	9.23	63	22327	10.764	ug/l	100
46) Dibromomethane	9.31	93	11500	10.603	ug/l	98
47) Bromodichloromethane	9.51	83	25934	10.421	ug/l	95
48) Methyl methacrylate	9.30	41	13149	10.215	ug/l	98
49) 1,4-Dioxane	9.31	88	3260	212.493	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	81440	54.440	ug/l	97
52) Toluene	10.25	92	53195	10.558	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	27515	10.148	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	34191	10.489	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	16731	10.537	ug/l	96
56) Ethyl methacrylate	10.52	69	23240	10.255	ug/l	98
57) 1,3-Dichloropropane	10.80	76	29965	10.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	58766	50.075	ug/l	100
59) 2-Hexanone	10.84	43	55964	53.903	ug/l	98
60) Dibromochloromethane	10.99	129	17301	10.218	ug/l	98
61) 1,2-Dibromoethane	11.09	107	15918	10.530	ug/l	97
64) Tetrachloroethene	10.73	164	26966	10.815	ug/l	95
65) Chlorobenzene	11.52	112	55227	10.772	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	18247	10.780	ug/l	97
67) Ethyl Benzene	11.59	91	102529	10.924	ug/l	100
68) m/p-Xylenes	11.70	106	76624	21.798	ug/l	99
69) o-Xylene	12.03	106	35994	10.906	ug/l	98
70) Styrene	12.05	104	61816	10.796	ug/l	99
71) Bromoform	12.21	173	9604	10.434	ug/l #	99
73) Isopropylbenzene	12.33	105	95776	10.482	ug/l	100
74) N-amyl acetate	12.15	43	27776	10.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	11427	10.336	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	26632	11.429	ug/l #	100
77) Bromobenzene	12.61	156	21278	10.584	ug/l	97
78) n-propylbenzene	12.67	91	120551	10.608	ug/l	100
79) 2-Chlorotoluene	12.76	91	64622	10.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	79613	10.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	6938	9.991	ug/l	93
82) 4-Chlorotoluene	12.86	91	68672	10.609	ug/l	99
83) tert-Butylbenzene	13.08	119	66834	10.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	80696	10.693	ug/l	99
85) sec-Butylbenzene	13.26	105	100743	10.684	ug/l	99
86) p-Isopropyltoluene	13.37	119	87637	10.798	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	42095	10.804	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	43508	11.001	ug/l	98
89) n-Butylbenzene	13.70	91	90437	10.871	ug/l	98
90) Hexachloroethane	13.96	117	16181	10.463	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	38013	10.737	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2643	9.885	ug/l	96

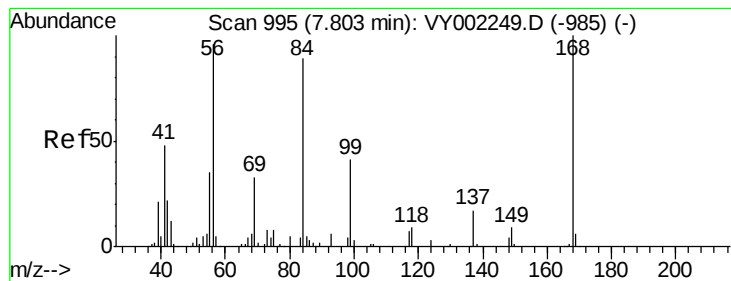
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	25149	10.868	ug/l	96
94) Hexachlorobutadiene	15.12	225	12900	11.068	ug/l	98
95) Naphthalene	15.24	128	52593	10.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	21297	10.599	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

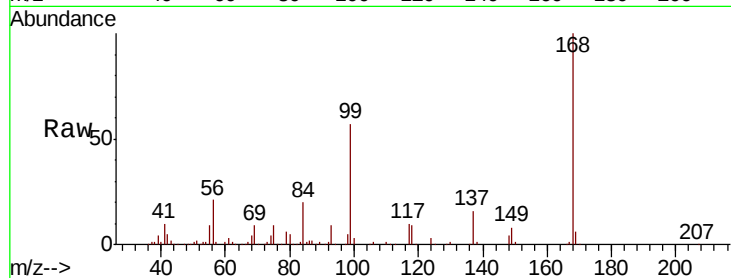
VSTDIC010

Tot Ion:168 Resp: 155290

Ion Ratio Lower Upper

168 100

99 57.2 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

80000

60000

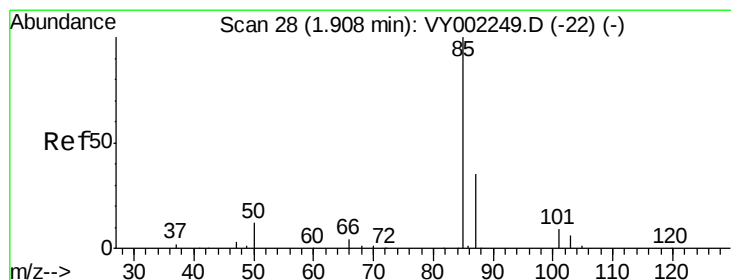
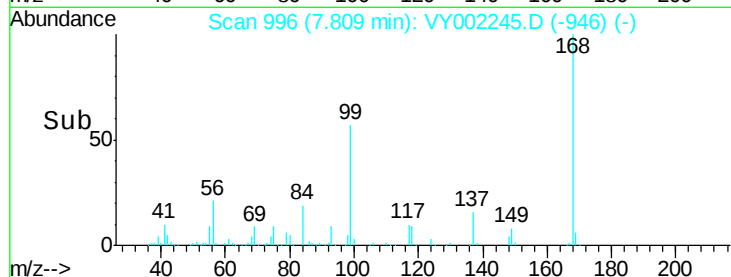
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 10.801 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002245.D

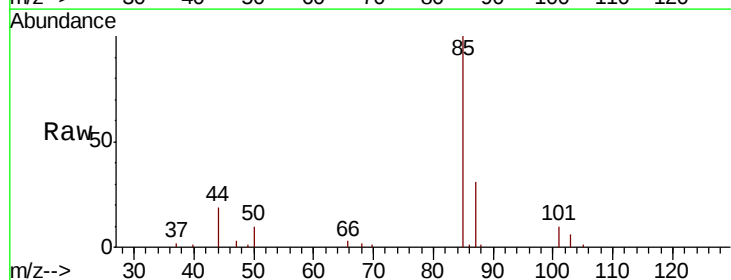
Acq: 08 Apr 2020 11:48

Tgt Ion: 85 Resp: 16952

Ion Ratio Lower Upper

85 100

87 30.9 17.3 51.9



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

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

12000

10000

8000

6000

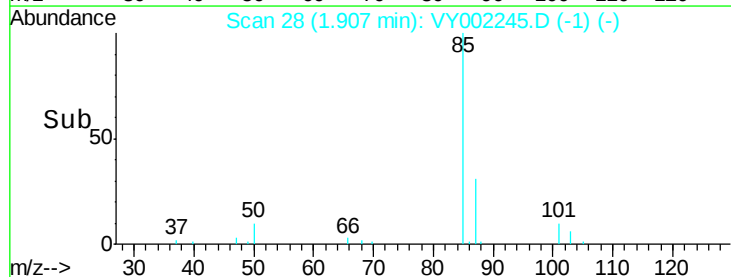
4000

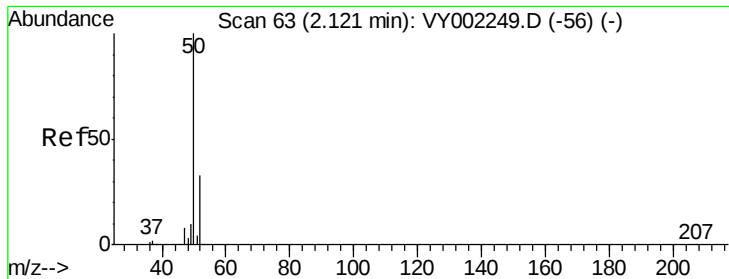
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 11.088 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

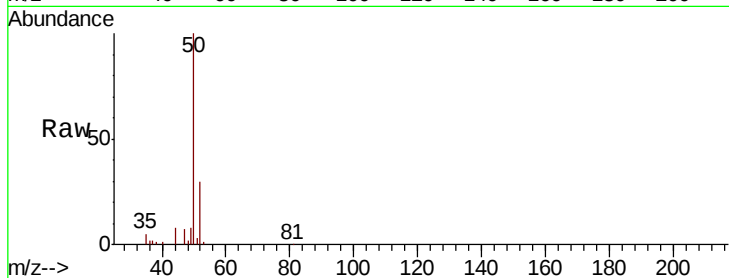
VSTDIC010

Tot Ion: 50 Resp: 21901

Ion Ratio Lower Upper

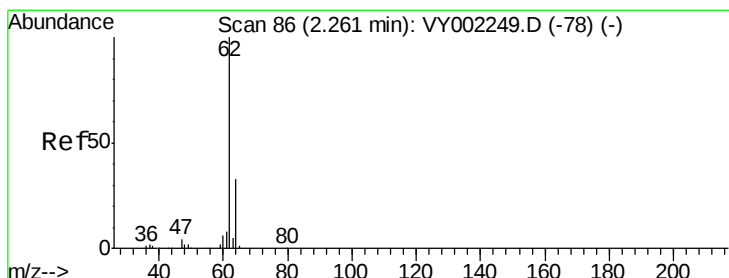
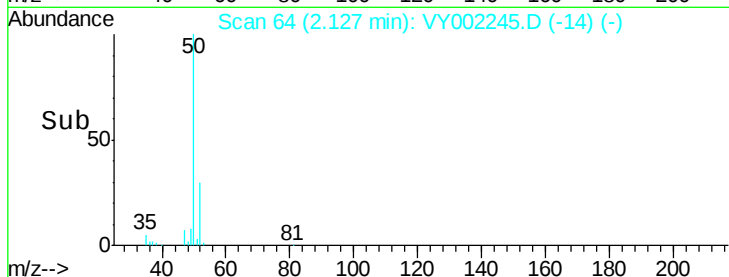
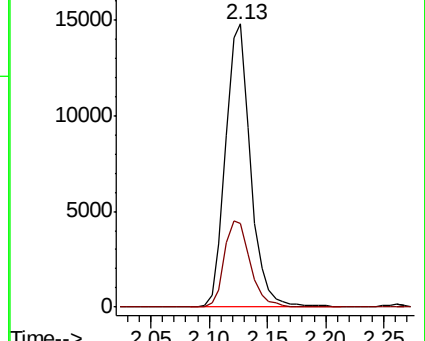
50 100

52 29.6 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: 10.881 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002245.D

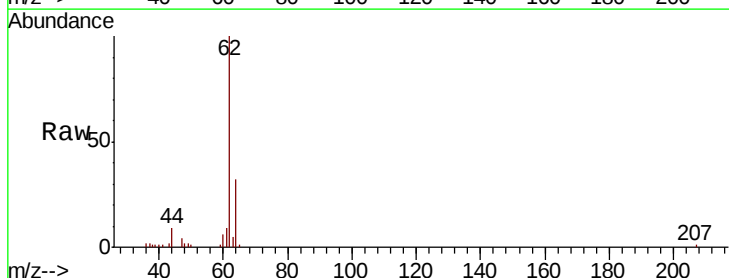
Acq: 08 Apr 2020 11:48

Tgt Ion: 62 Resp: 22877

Ion Ratio Lower Upper

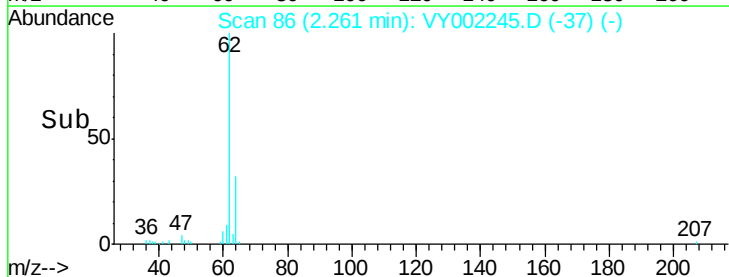
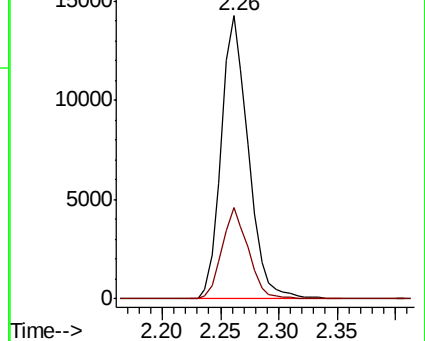
62 100

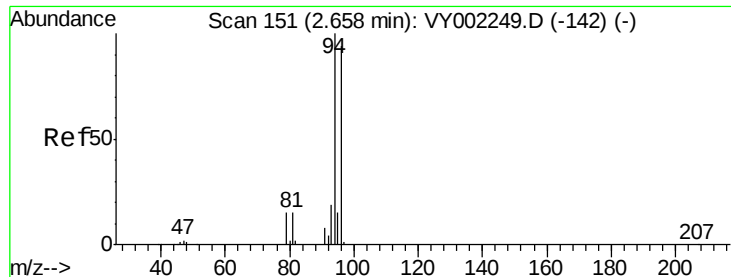
64 32.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 11.936 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

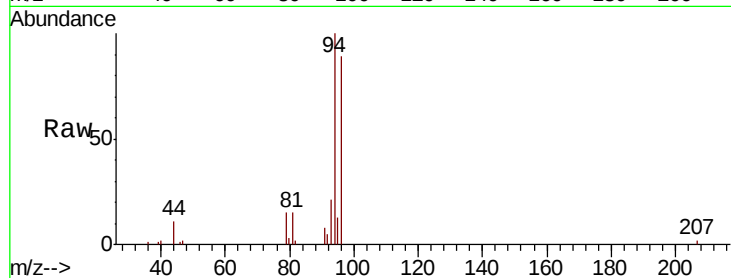
VSTDIC010

Tot Ion: 94 Resp: 15496

Ion Ratio Lower Upper

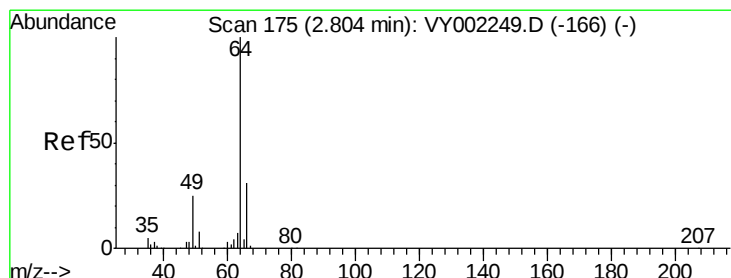
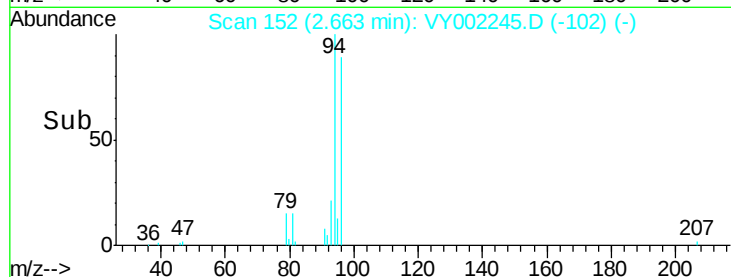
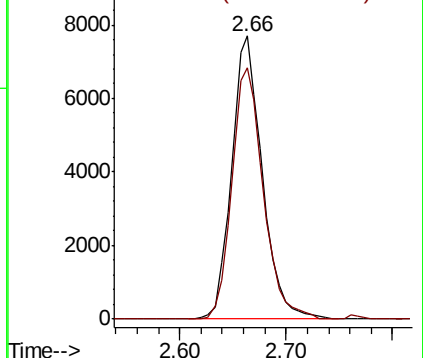
94 100

96 89.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 11.047 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002245.D

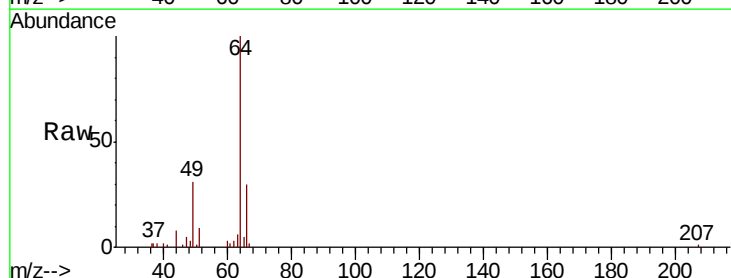
Acq: 08 Apr 2020 11:48

Tgt Ion: 64 Resp: 13394

Ion Ratio Lower Upper

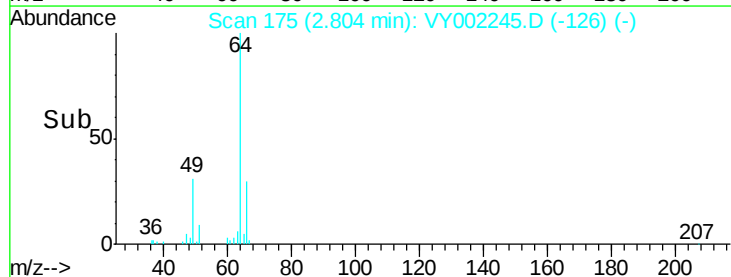
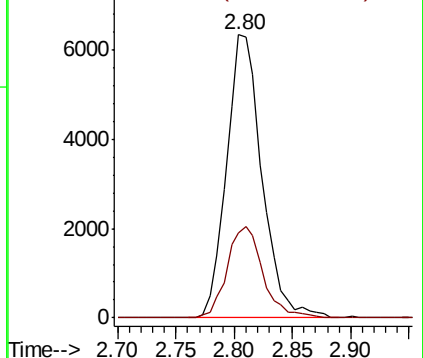
64 100

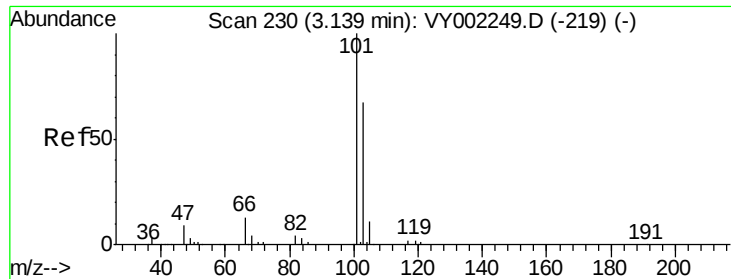
66 30.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



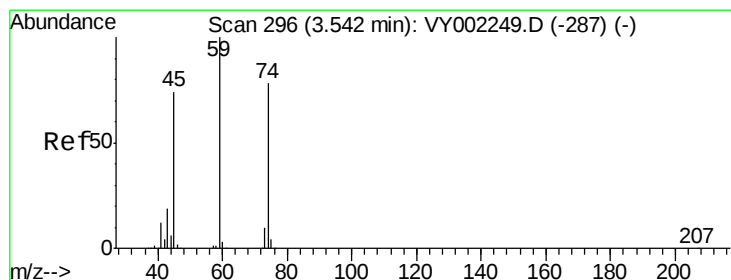
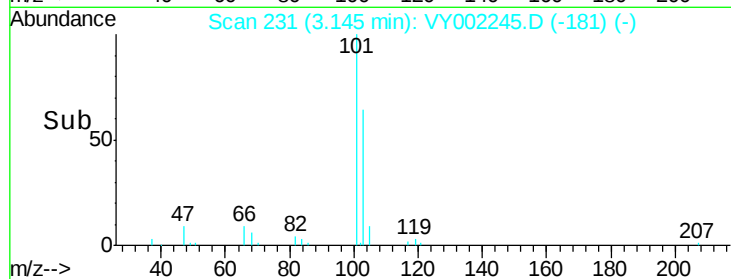
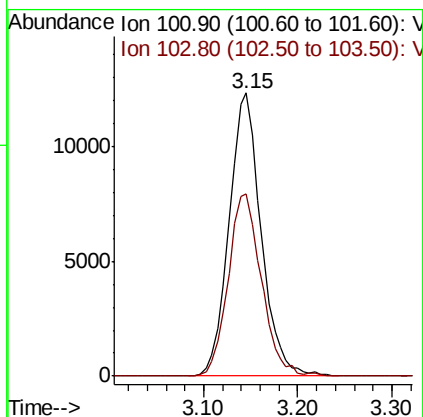
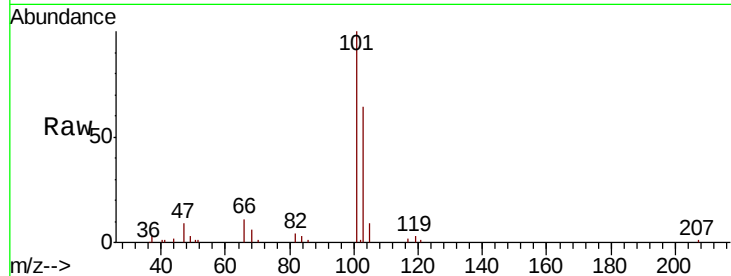


#7

Trichlorofluoromethane
 Concen: 10.707 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
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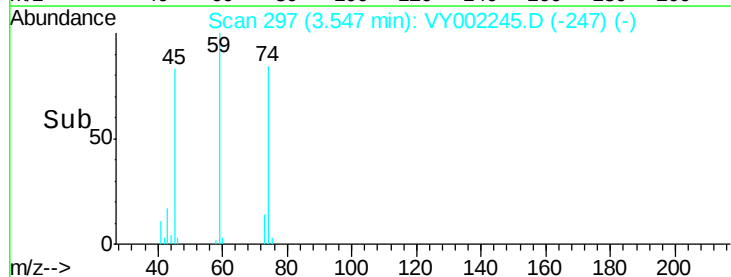
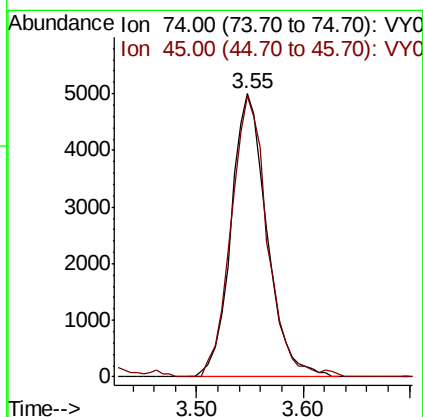
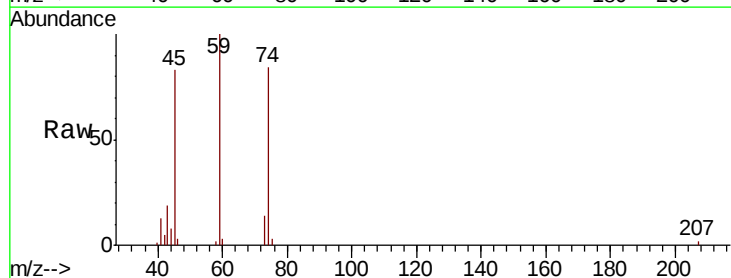
Tot Ion:101 Resp: 29072
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.3 79.9

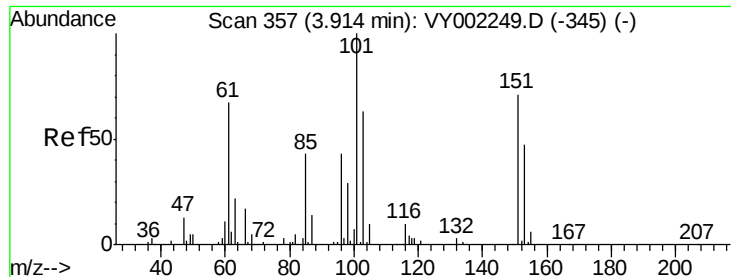


#8

Diethyl Ether
 Concen: 10.216 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 74 Resp: 11792
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.535 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

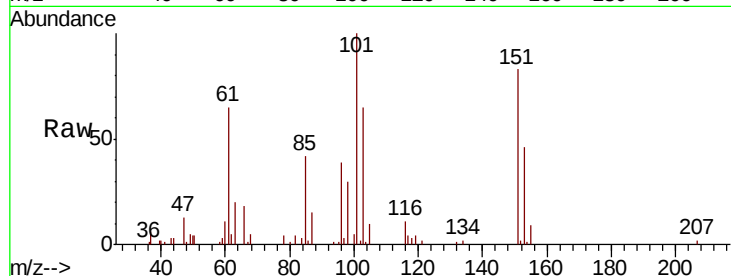
Tot Ion:101 Resp: 19431

Ion Ratio Lower Upper

101 100

85 44.5 34.6 52.0

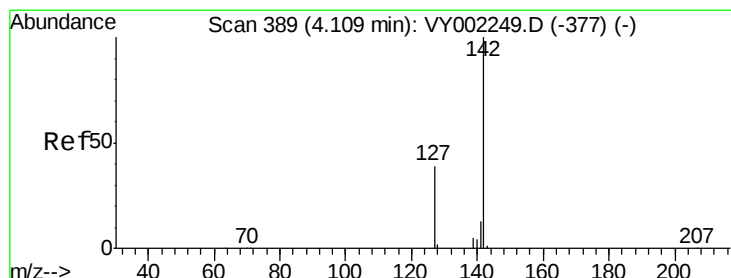
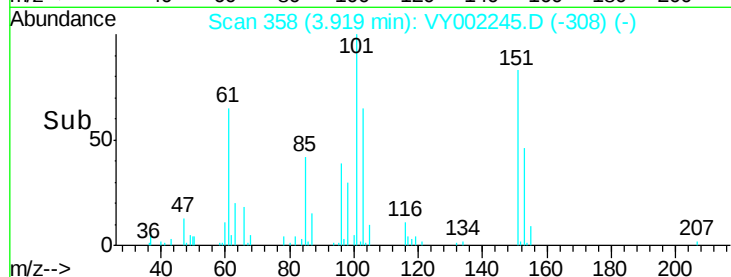
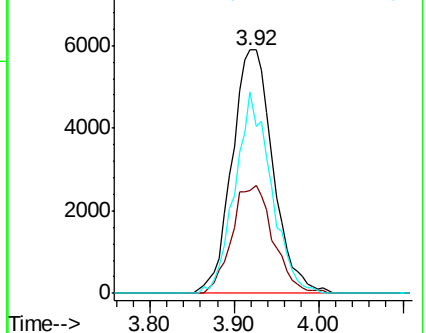
151 72.5 57.6 86.4



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: 9.992 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

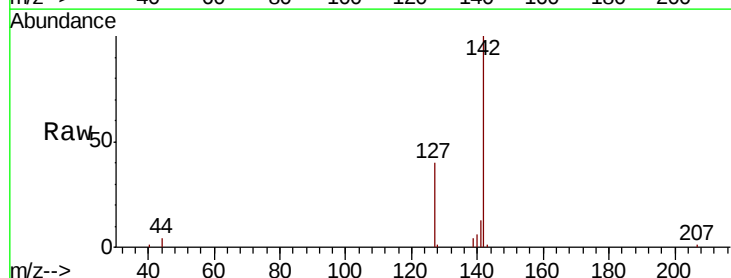
Tgt Ion:142 Resp: 21422

Ion Ratio Lower Upper

142 100

127 39.1 32.4 48.6

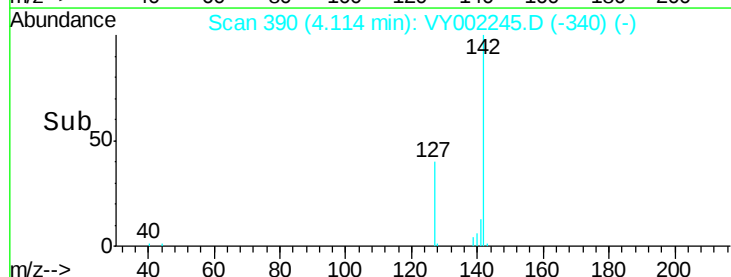
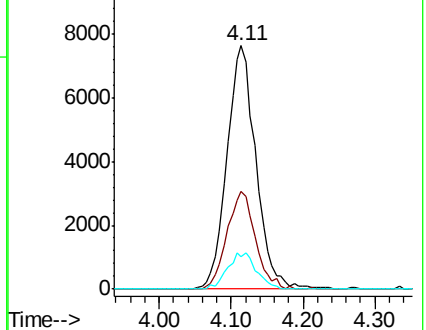
141 14.6 11.2 16.8

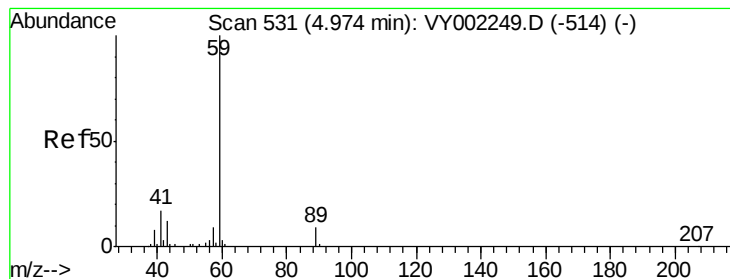


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 57.070 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

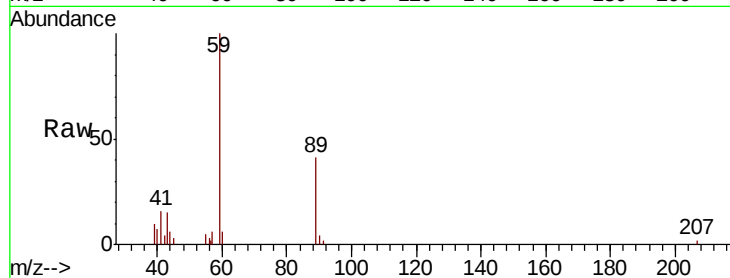
VSTDIC010

Tot Ion: 59 Resp: 12966

Ion Ratio Lower Upper

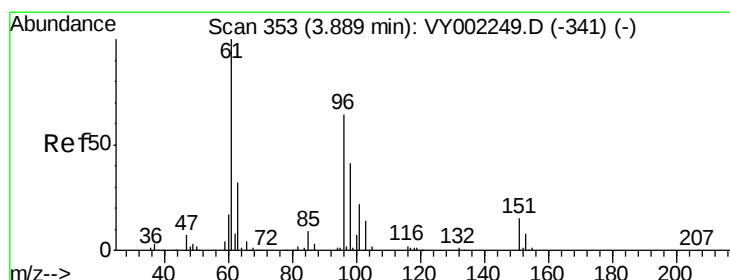
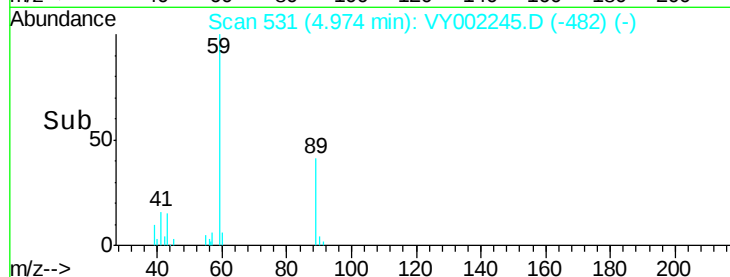
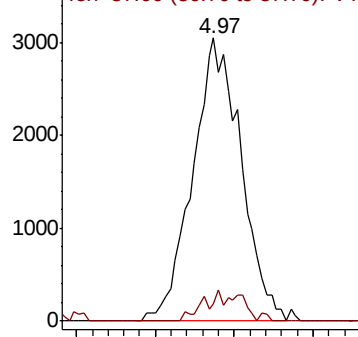
59 100

57 1.9 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 10.725 ug/l

RT: 3.89 min Scan# 354

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

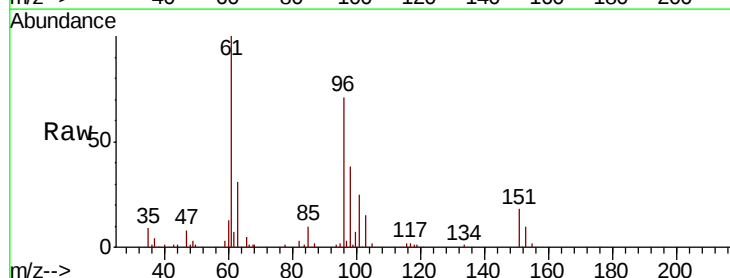
Tgt Ion: 96 Resp: 20111

Ion Ratio Lower Upper

96 100

61 141.0 125.9 188.9

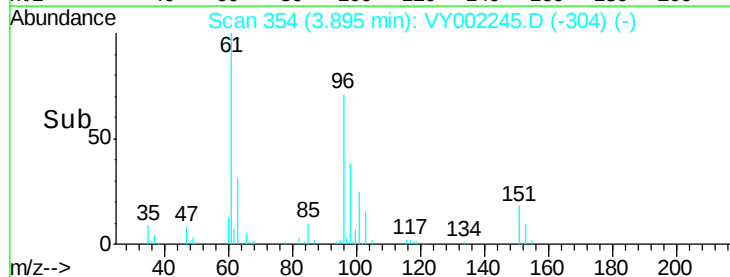
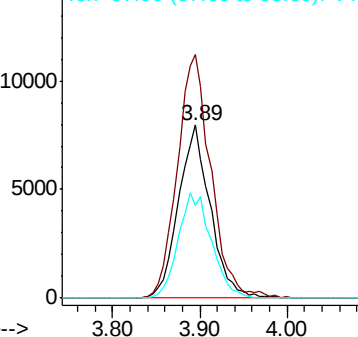
98 53.9 51.1 76.7

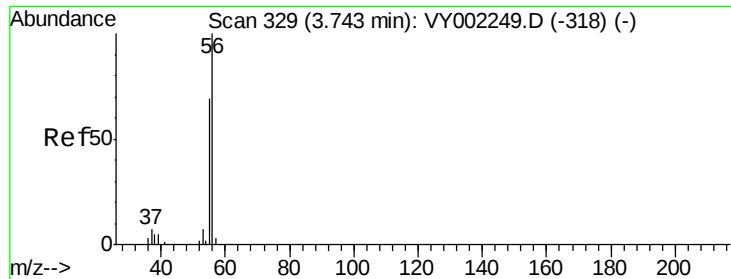


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

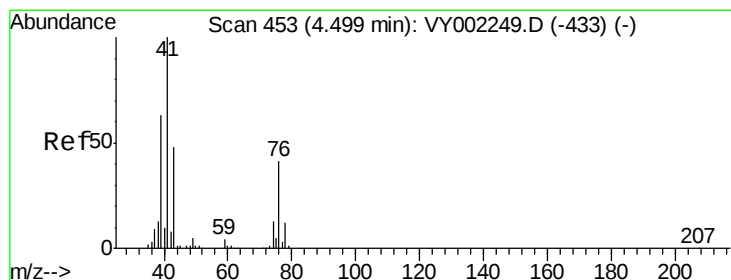
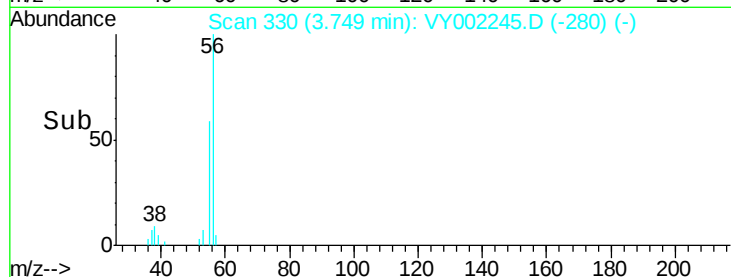
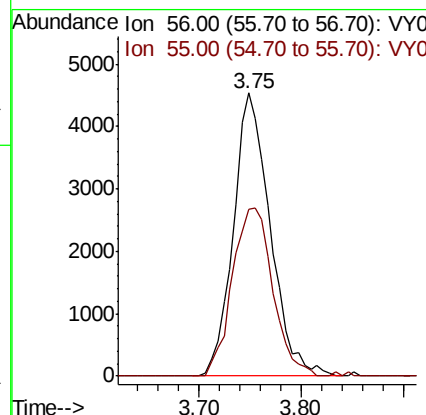
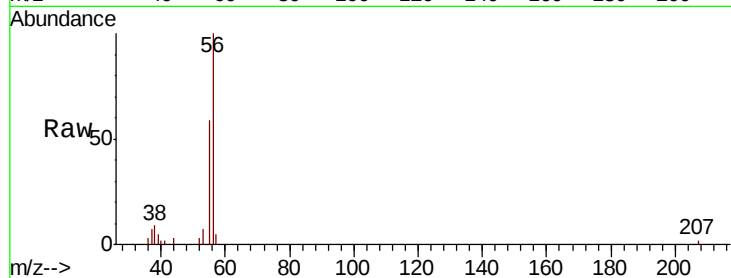




#13
Acrolein
Concen: 50.771 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

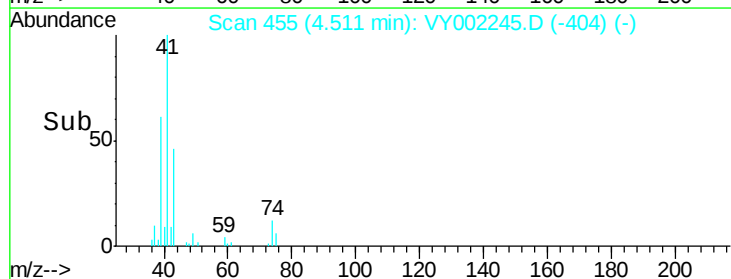
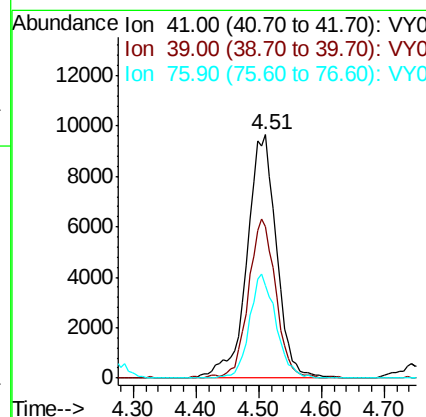
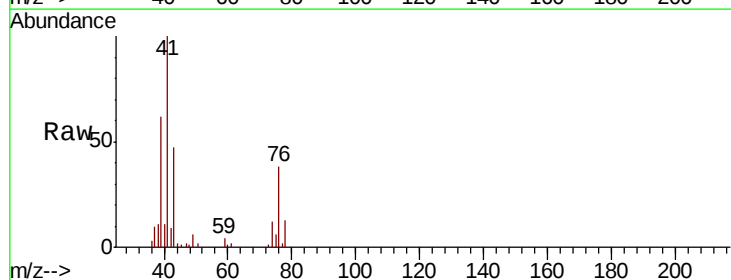
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

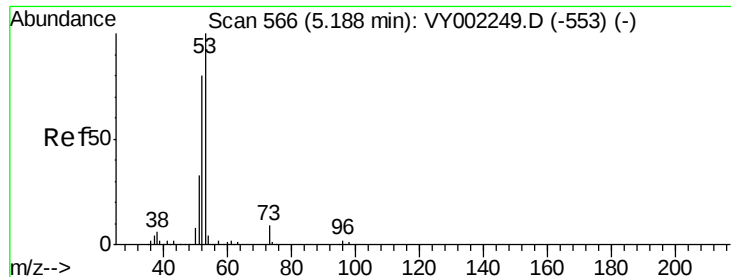
Tot Ion: 56 Resp: 11305
Ion Ratio Lower Upper
56 100
55 65.6 55.8 83.8



#14
Allyl chloride
Concen: 10.394 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 41 Resp: 31471
Ion Ratio Lower Upper
41 100
39 60.5 48.0 72.0
76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 52.745 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

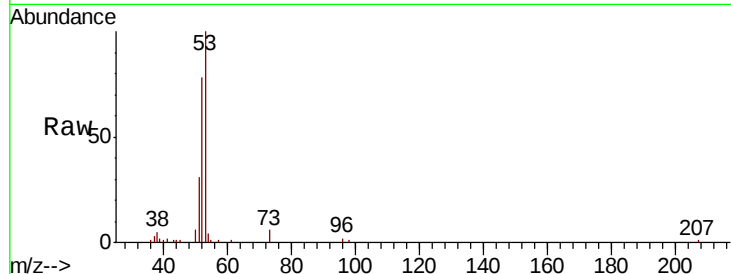
Tot Ion: 53 Resp: 31134

Ion Ratio Lower Upper

53 100

52 80.0 65.1 97.7

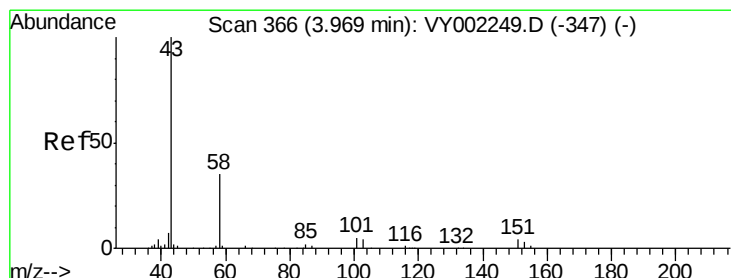
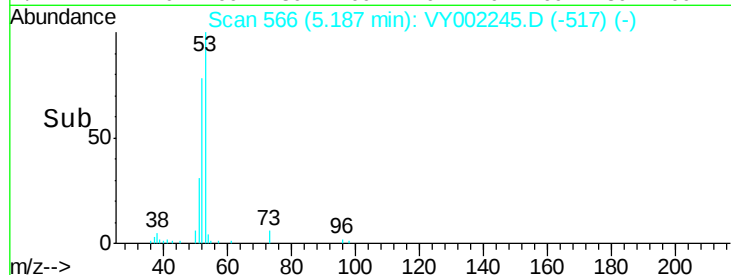
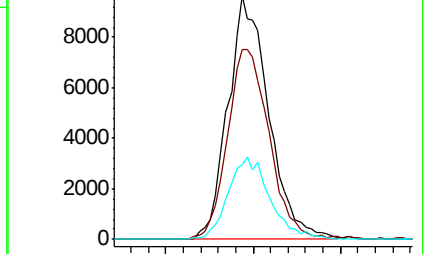
51 34.4 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002249.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002249.D (-553) (-)



#16

Acetone

Concen: 53.640 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002245.D

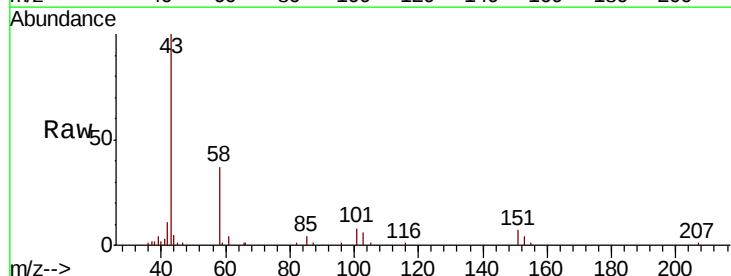
Acq: 08 Apr 2020 11:48

Tgt Ion: 43 Resp: 24398

Ion Ratio Lower Upper

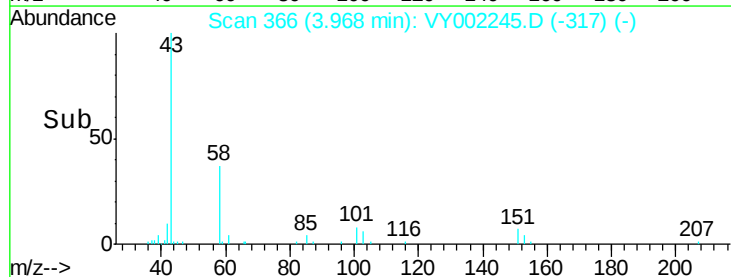
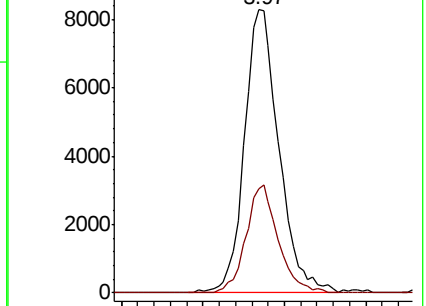
43 100

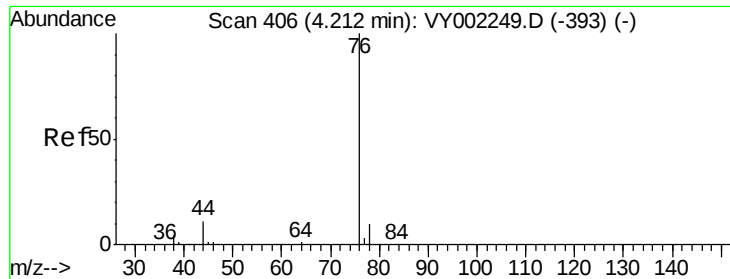
58 36.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

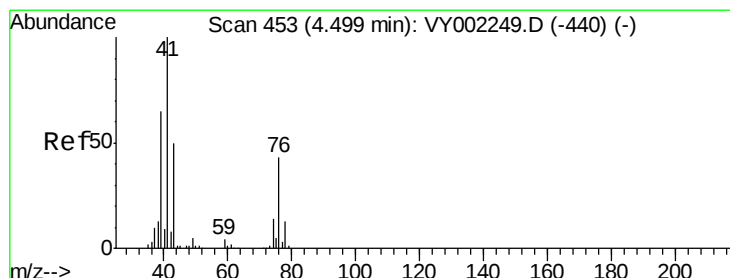
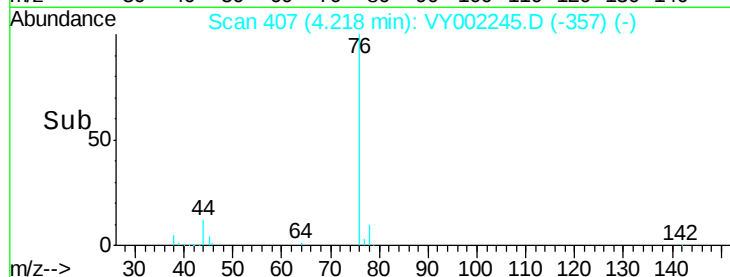
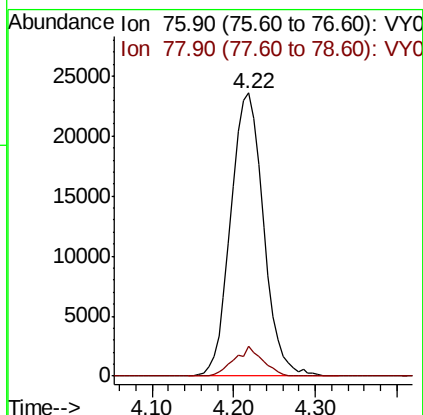
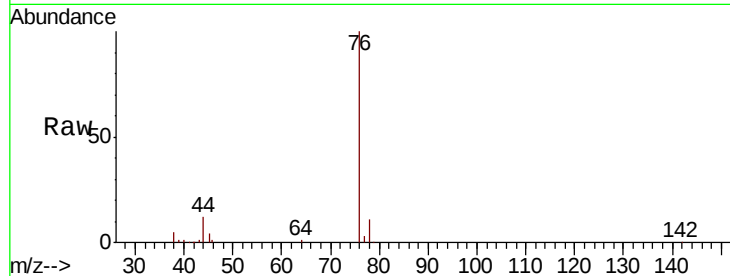




#17
Carbon Disulfide
Concen: 10.559 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

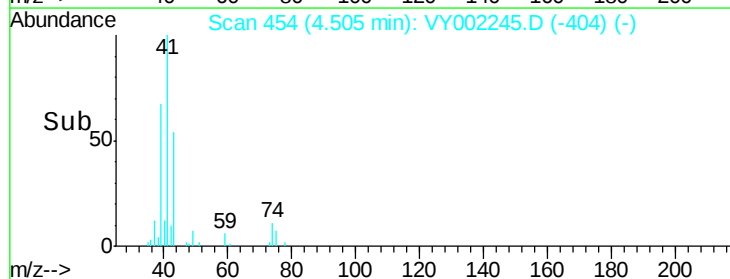
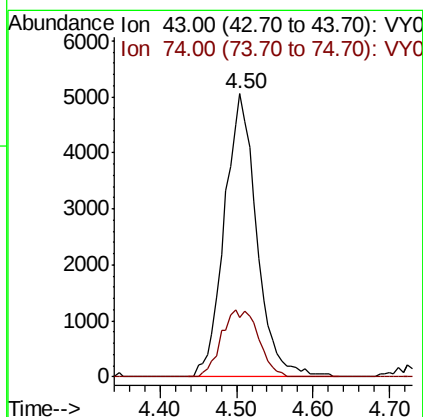
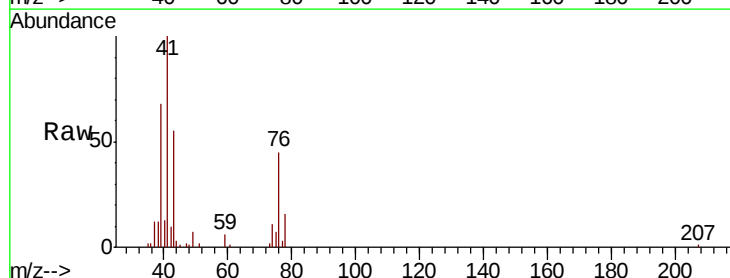
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

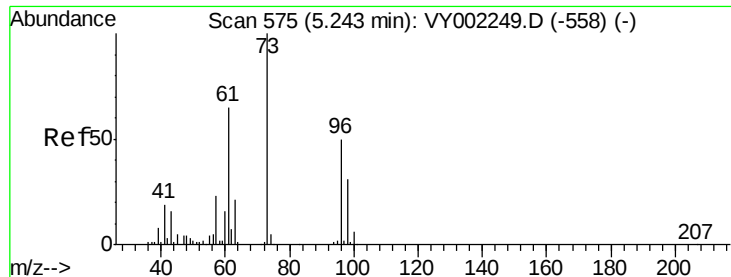
Tot Ion: 76 Resp: 65753
Ion Ratio Lower Upper
76 100
78 10.6 7.7 11.5



#18
Methyl Acetate
Concen: 10.492 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 43 Resp: 14802
Ion Ratio Lower Upper
43 100
74 26.9 20.3 30.5

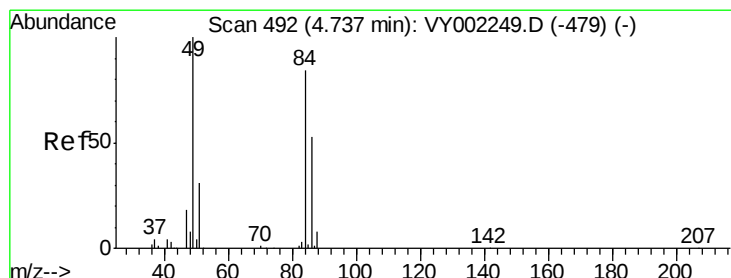
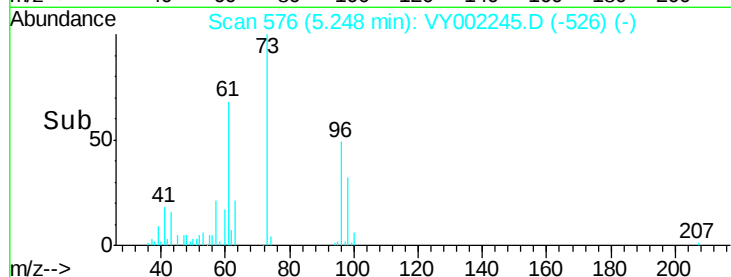
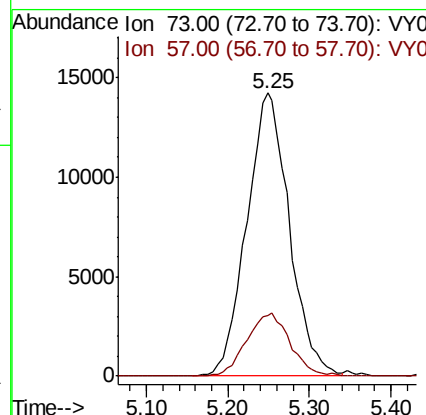
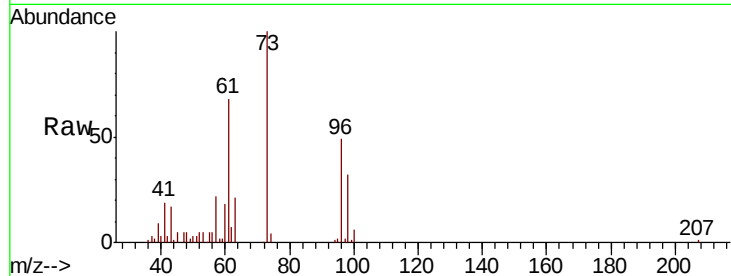




#19
Methvl tert-butvl Ether
Concen: 10.473 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

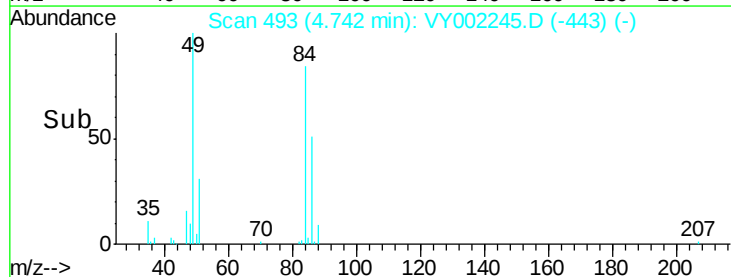
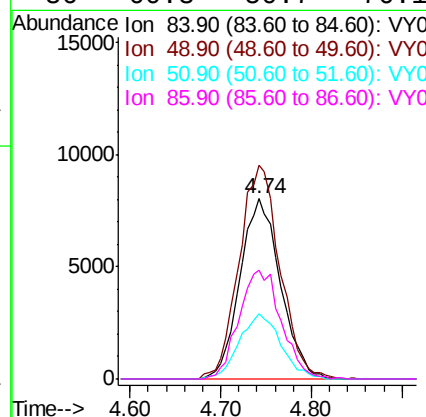
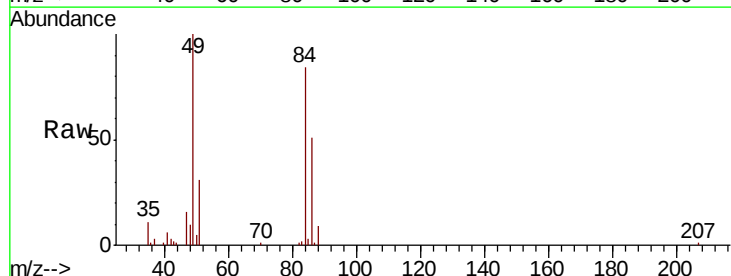
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

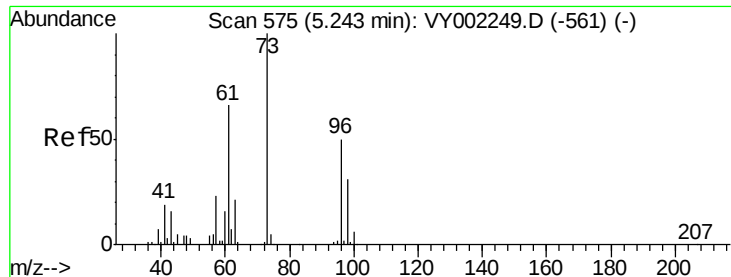
Tot Ion: 73 Resp: 51629
Ion Ratio Lower Upper
73 100
57 21.6 18.7 28.1



#20
Methylene Chloride
Concen: 11.114 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 84 Resp: 24847
Ion Ratio Lower Upper
84 100
49 118.5 95.5 143.3
51 36.3 29.5 44.3
86 60.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 10.606 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

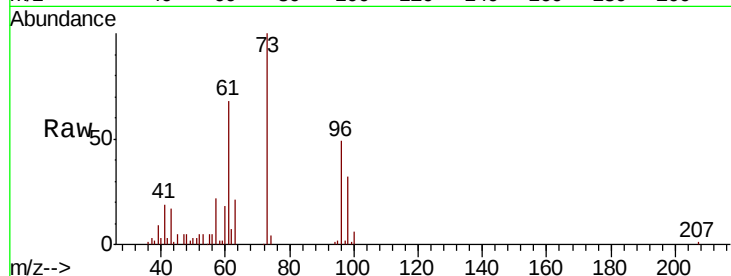
Tot Ion: 96 Resp: 22323

Ion Ratio Lower Upper

96 100

61 139.1 104.6 157.0

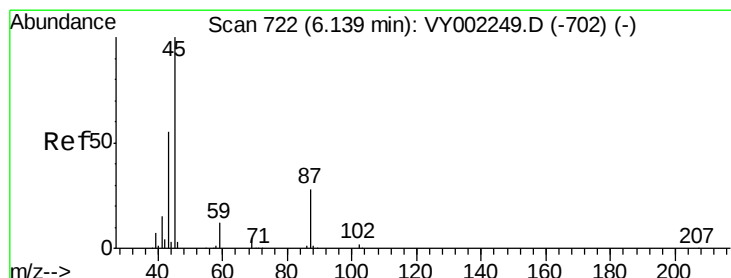
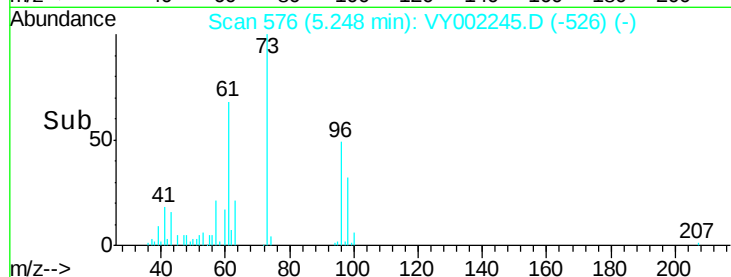
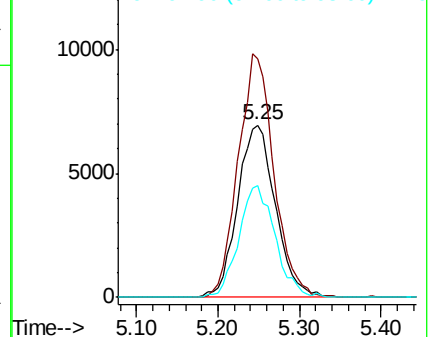
98 65.1 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.833 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion: 45 Resp: 66011

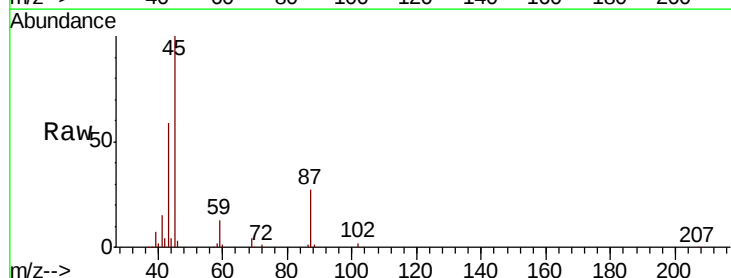
Ion Ratio Lower Upper

45 100

43 59.4 44.7 67.1

87 27.2 23.0 34.4

59 12.7 10.1 15.1

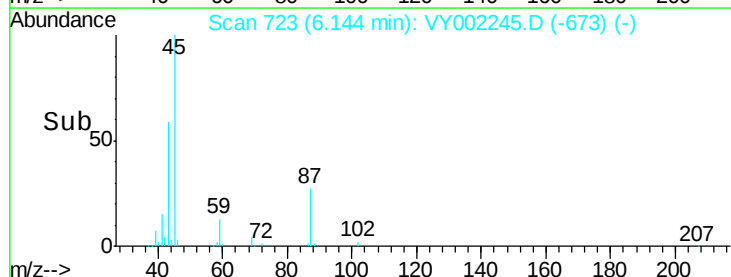
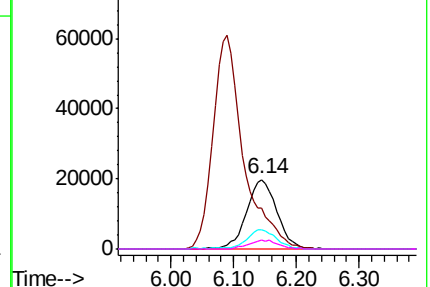


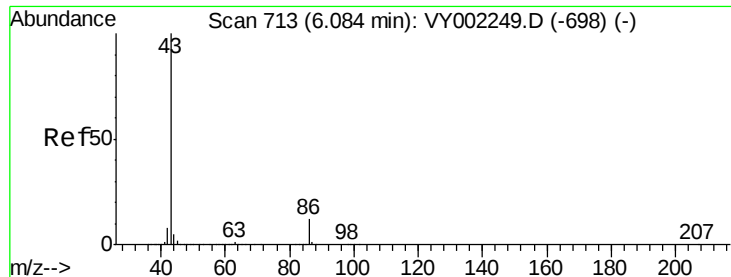
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 52.979 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

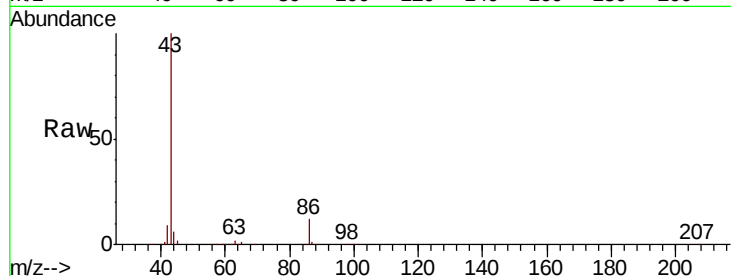
VSTDIC010

Tot Ion: 43 Resp: 205727

Ion Ratio Lower Upper

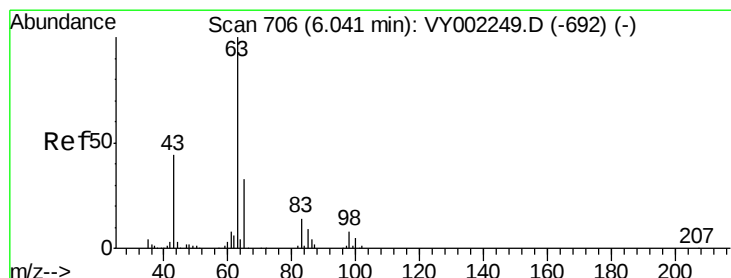
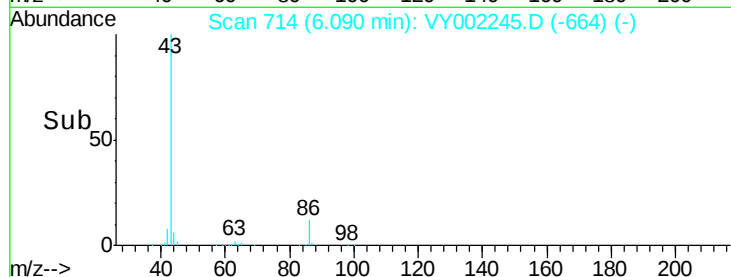
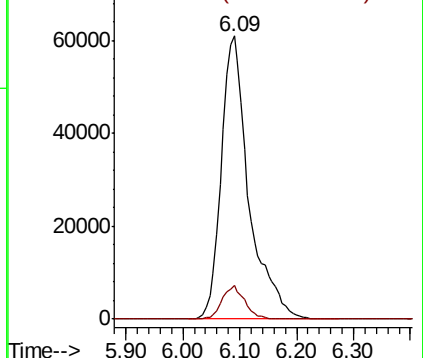
43 100

86 11.9 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: 10.634 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

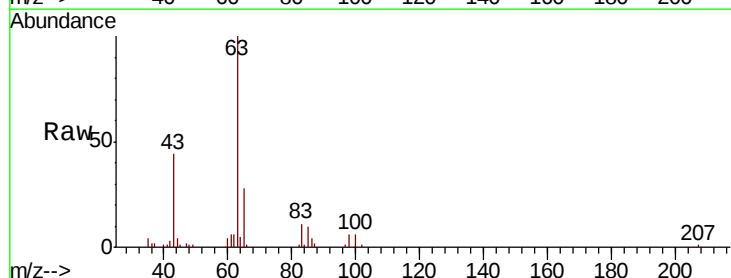
Tgt Ion: 63 Resp: 36857

Ion Ratio Lower Upper

63 100

98 6.3 4.0 12.0

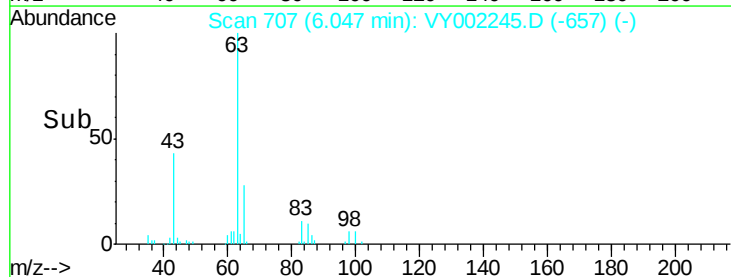
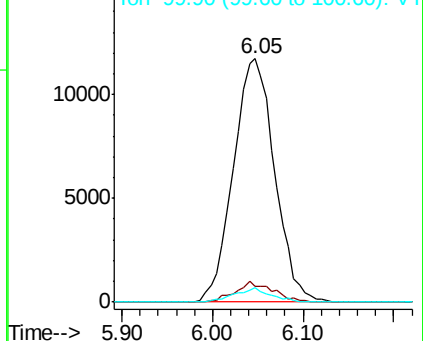
100 6.1 2.4 7.1

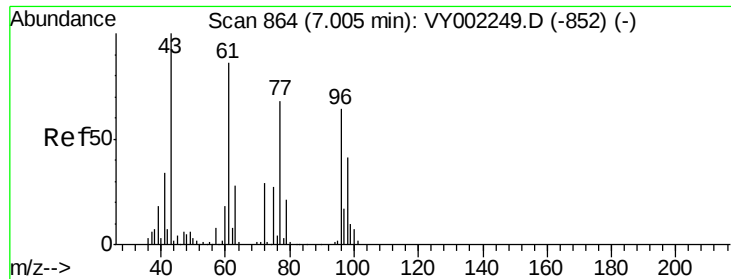


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 53.719 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

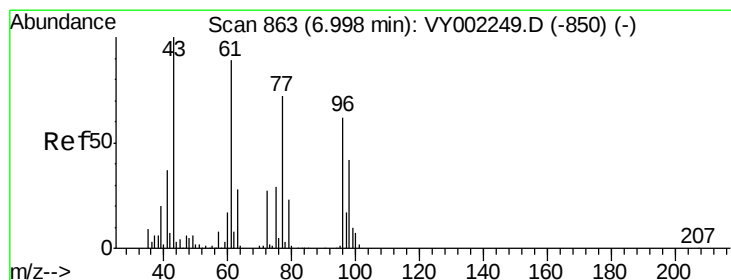
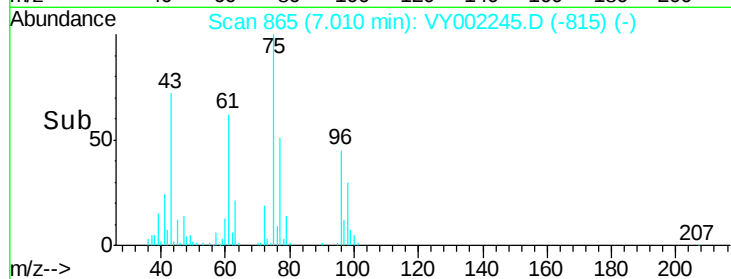
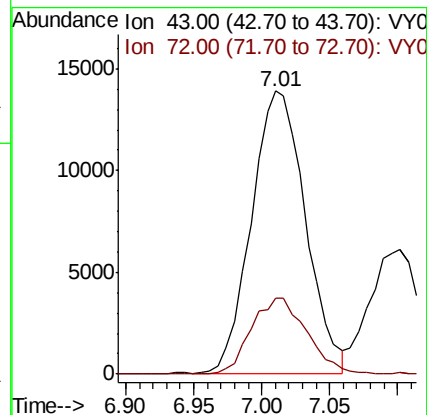
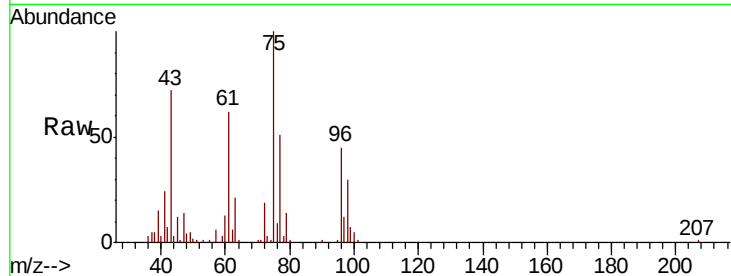
VSTDIC010

Tot Ion: 43 Resp: 38668

Ion Ratio Lower Upper

43 100

72 26.7 23.2 34.8



#26

2,2-Dichloropropane

Concen: 10.965 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002245.D

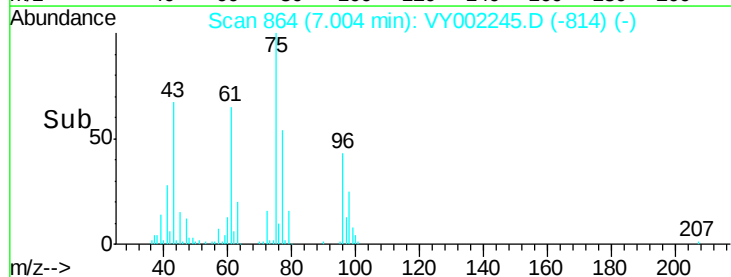
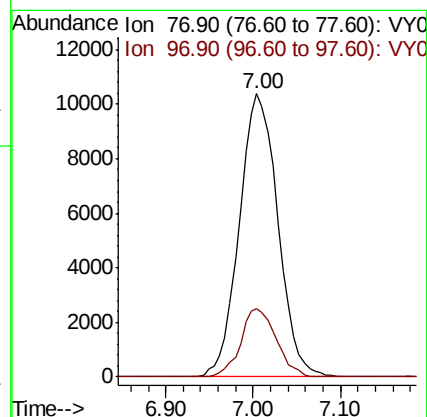
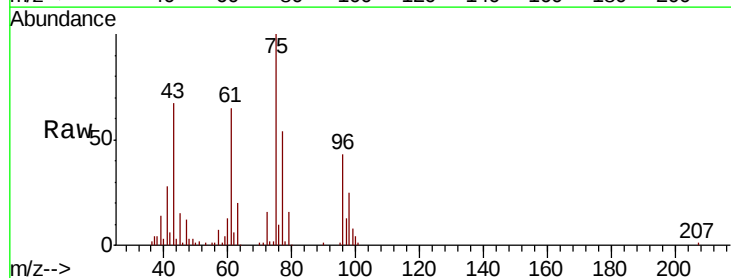
Acq: 08 Apr 2020 11:48

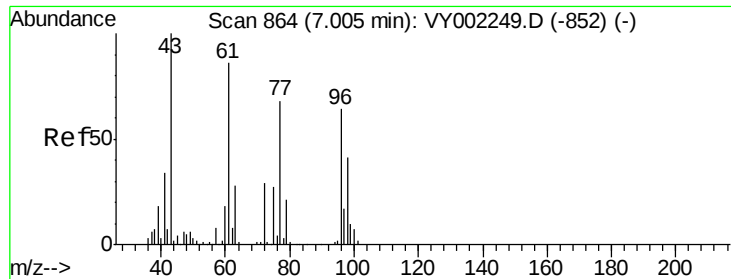
Tgt Ion: 77 Resp: 31792

Ion Ratio Lower Upper

77 100

97 22.2 12.2 36.6



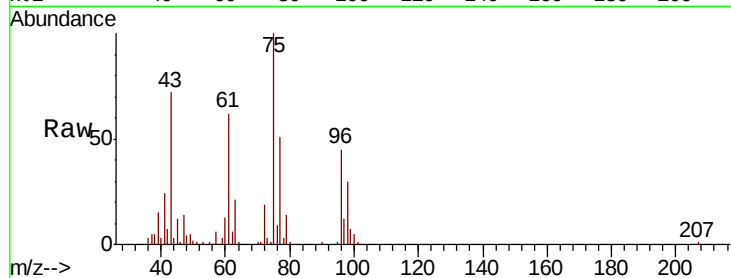


#27

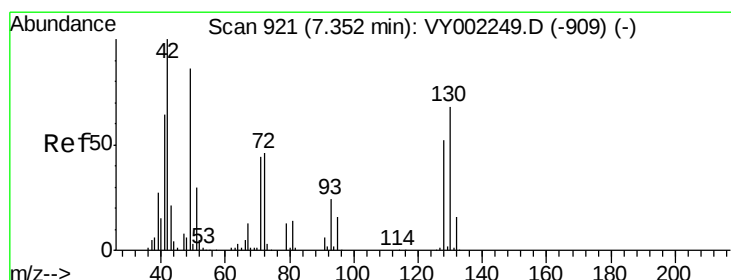
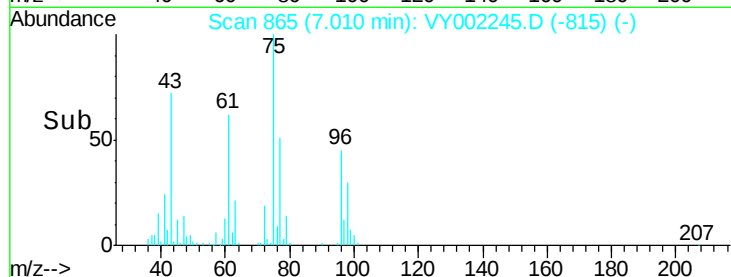
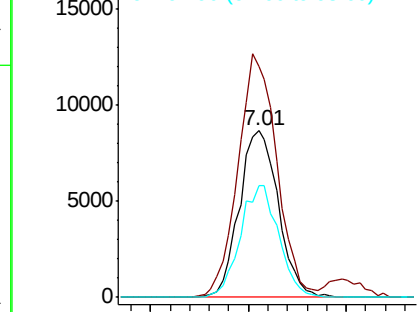
cis-1,2-Dichloroethene
 Concen: 10.456 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 96 Resp: 23988
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 278.0
 98 65.9 0.0 128.6



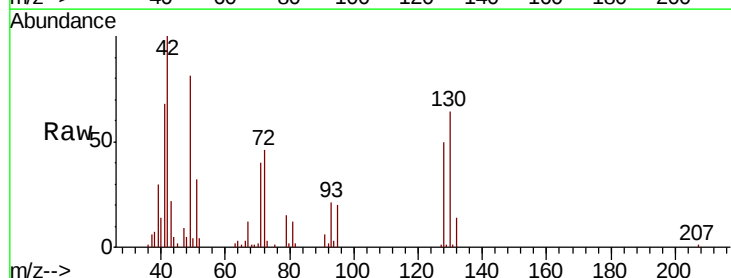
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



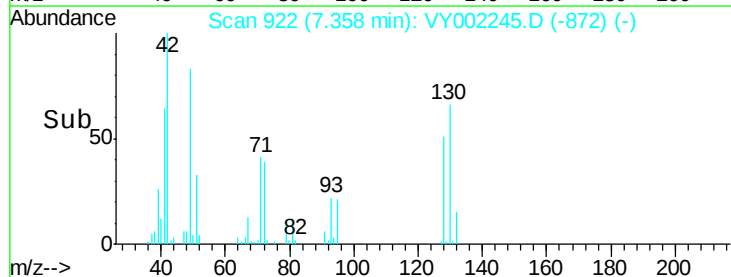
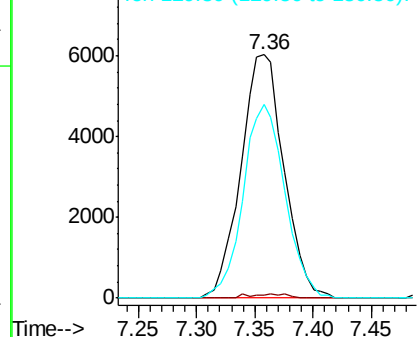
#28

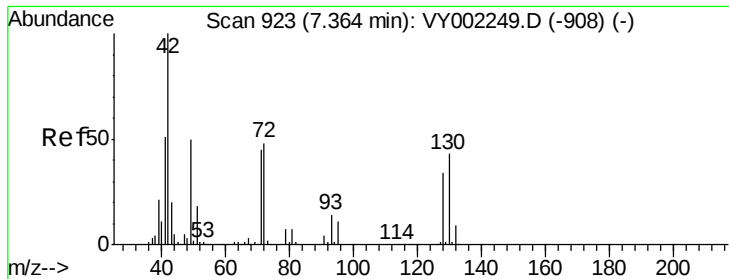
Bromochloromethane
 Concen: 10.364 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 49 Resp: 15506
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 77.3 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



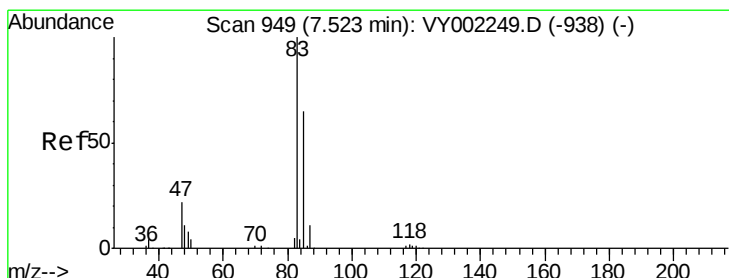
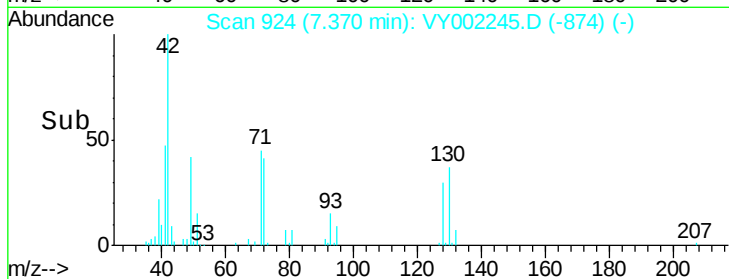
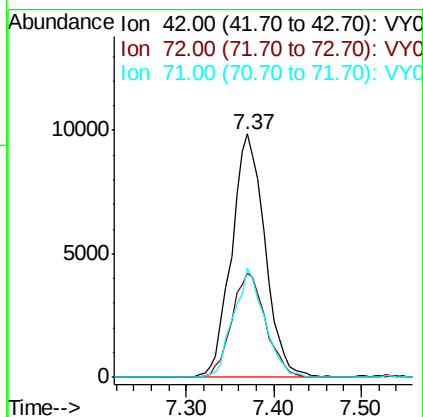
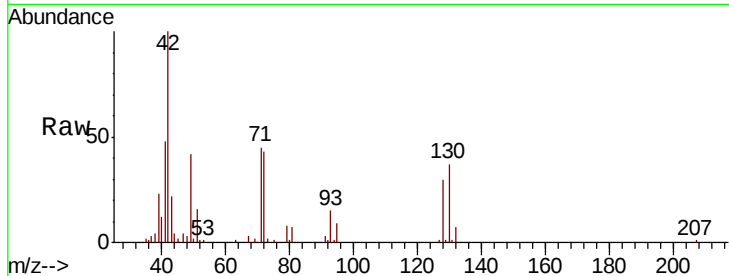


#29
Tetrahydrofuran
Concen: 54.996 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion: 42 Resp: 26168

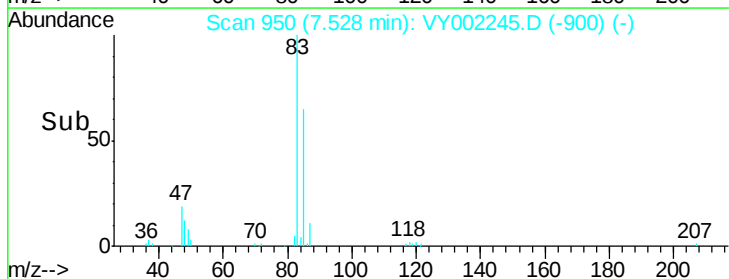
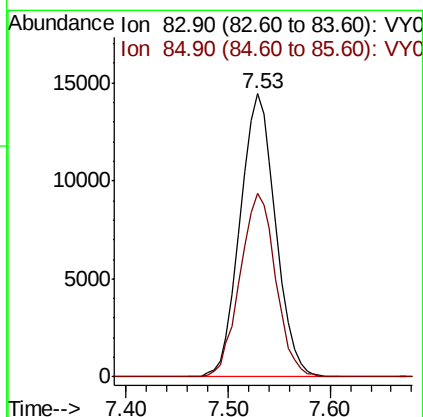
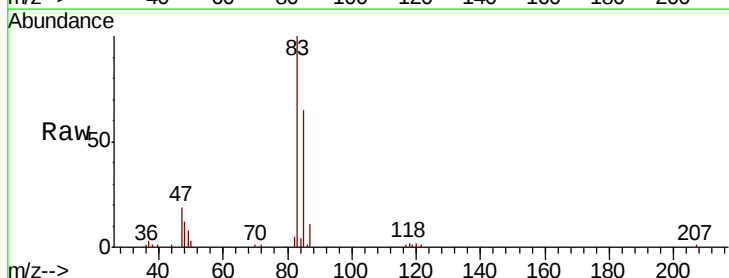
Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.7	55.1
71	41.7	34.7	52.1

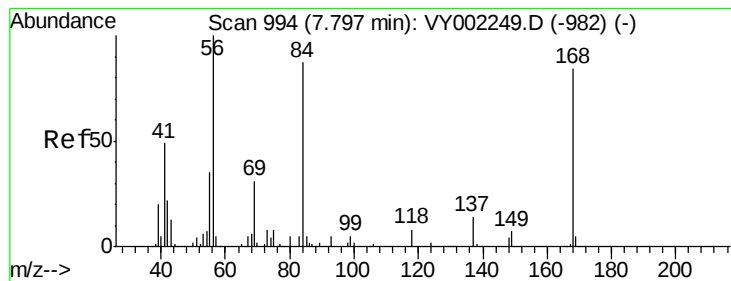


#30
Chloroform
Concen: 10.682 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 83 Resp: 34899

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 10.922 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

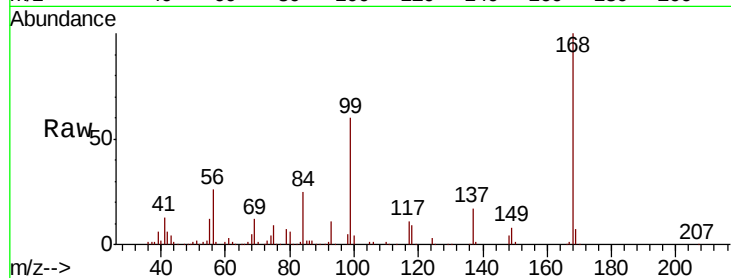
Tot Ion: 56 Resp: 39737

Ion Ratio Lower Upper

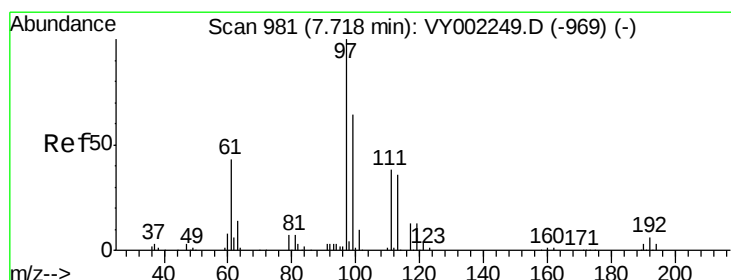
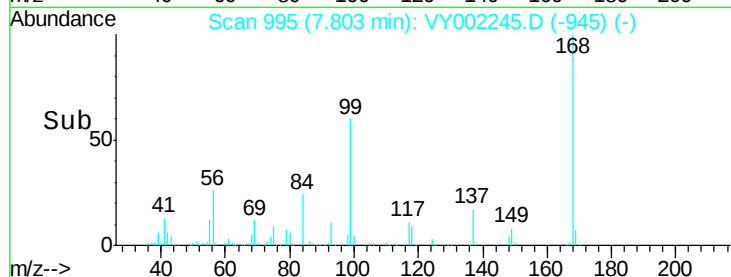
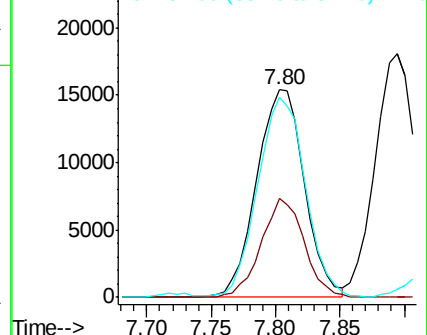
56 100

69 47.8 25.0 37.6#

84 95.5 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: 10.492 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

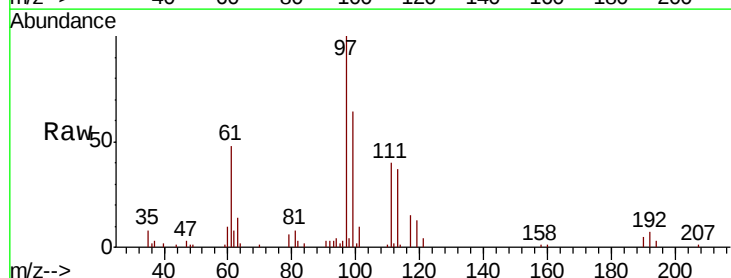
Tgt Ion: 97 Resp: 28533

Ion Ratio Lower Upper

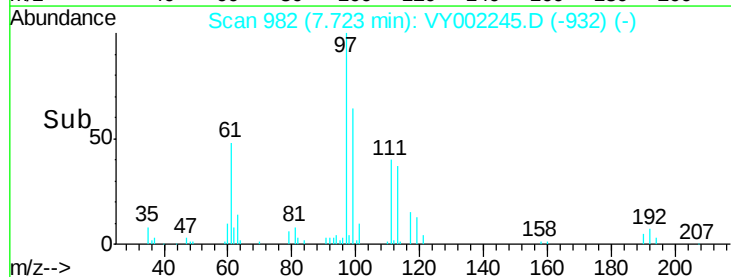
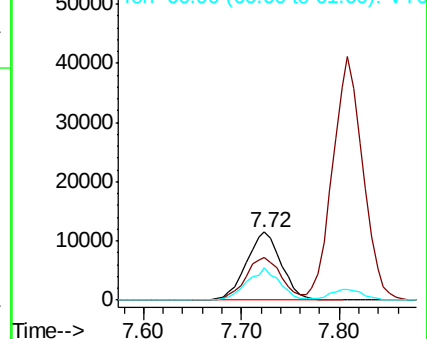
97 100

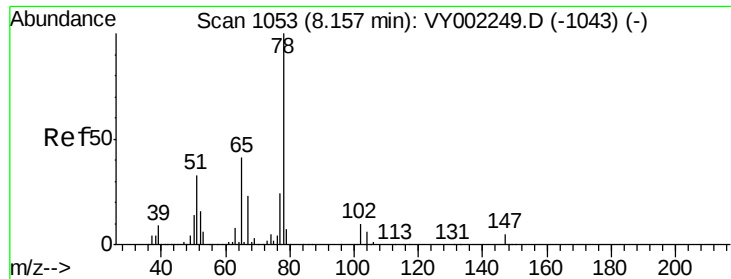
99 64.5 51.3 76.9

61 44.2 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

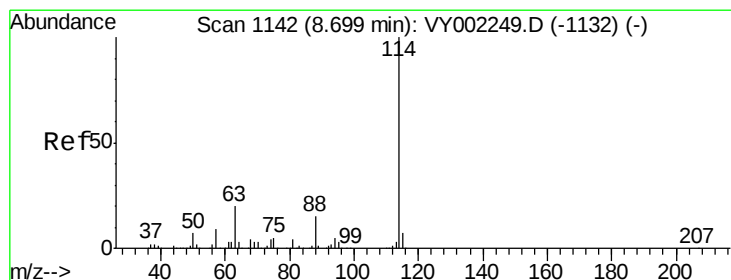
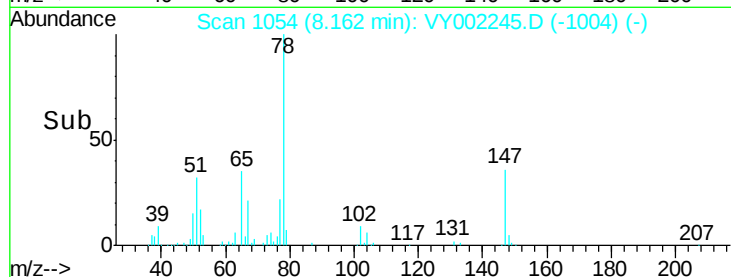
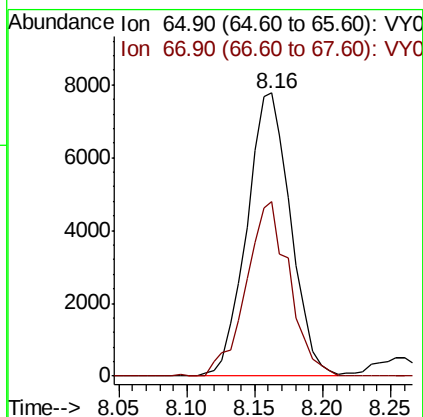
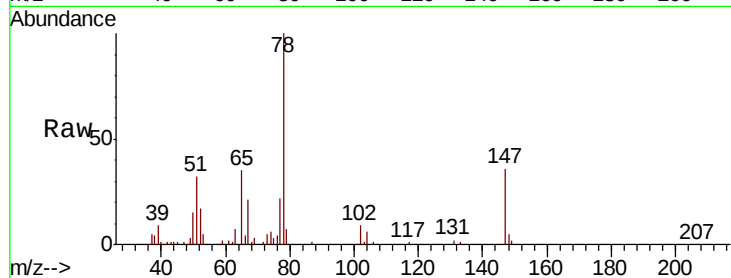




#33
 1,2-Dichloroethane-d4
 Concen: 10.143 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

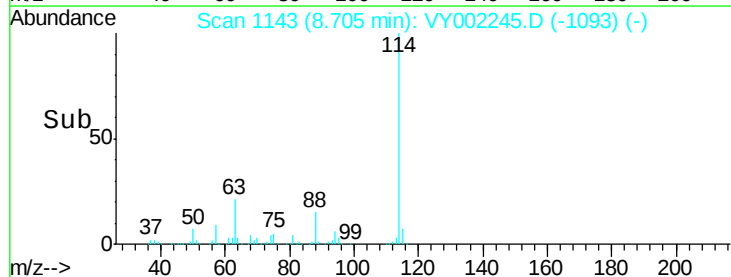
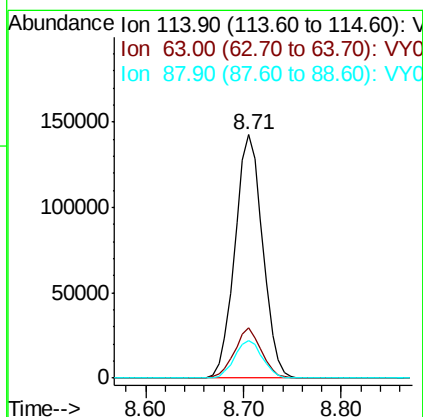
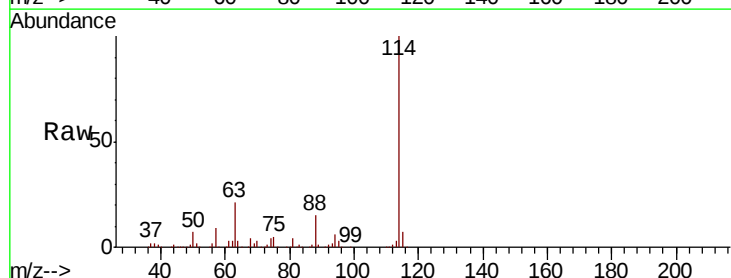
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

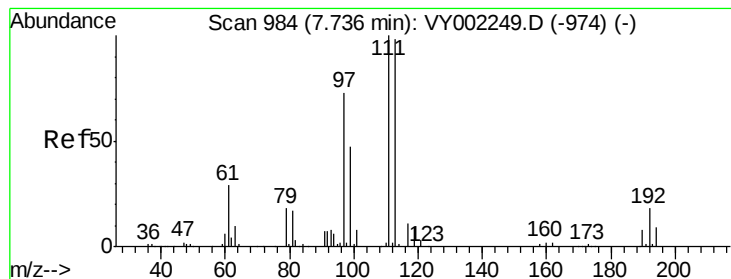
Tot Ion: 65 Resp: 17516
 Ion Ratio Lower Upper
 65 100
 67 60.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 114 Resp: 279747
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 9.989 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

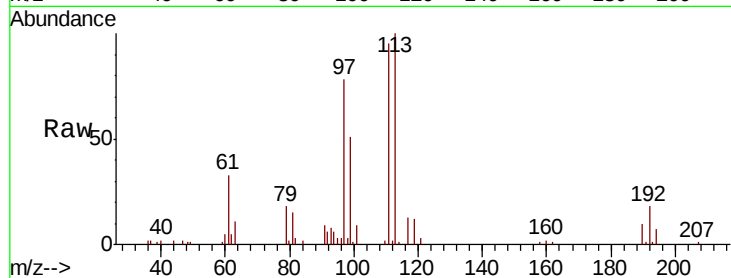
Tot Ion:113 Resp: 16628

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

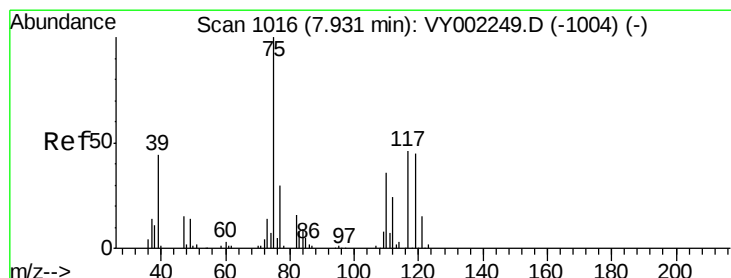
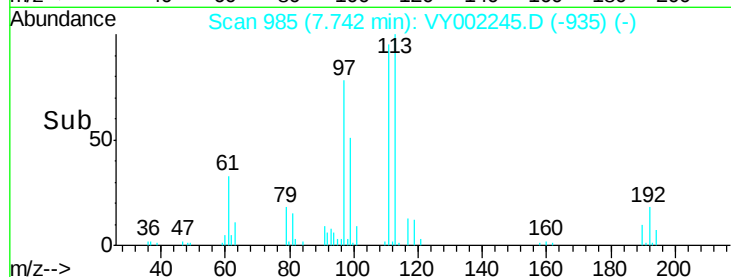
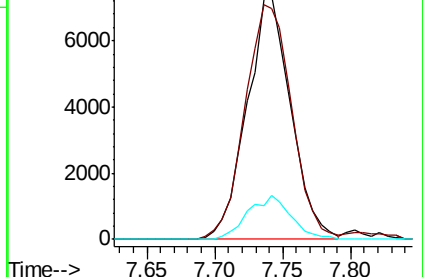
192 17.7 14.7 22.1



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: 10.584 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

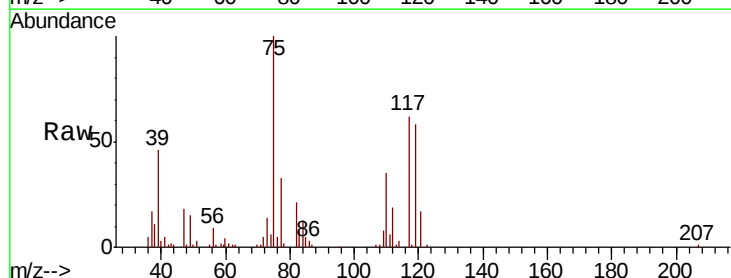
Tgt Ion: 75 Resp: 29164

Ion Ratio Lower Upper

75 100

110 37.5 17.8 53.3

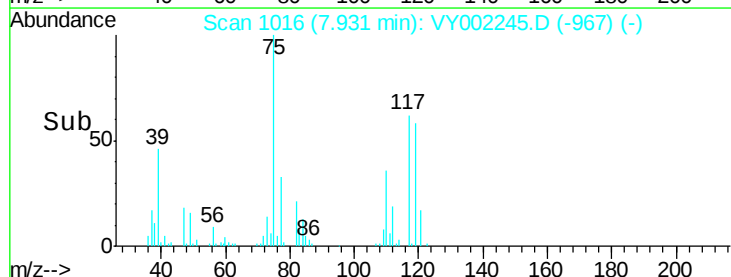
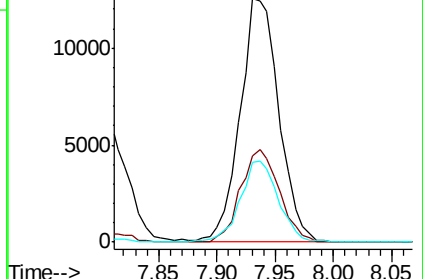
77 32.7 24.4 36.6

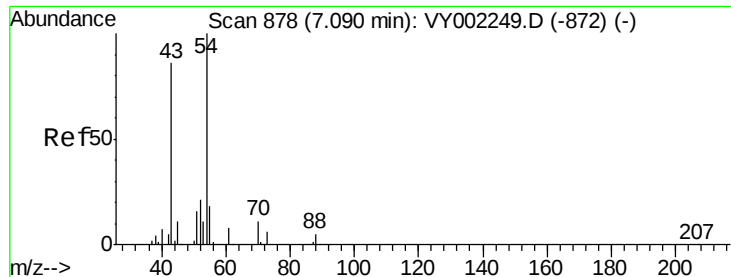


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

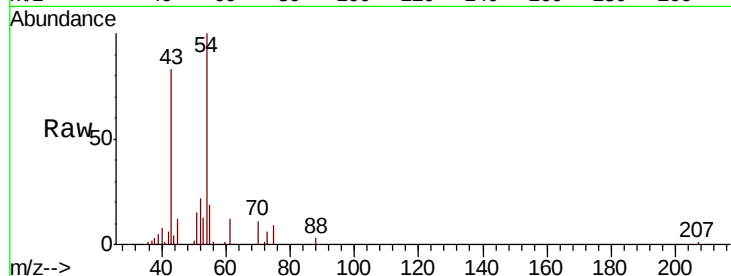




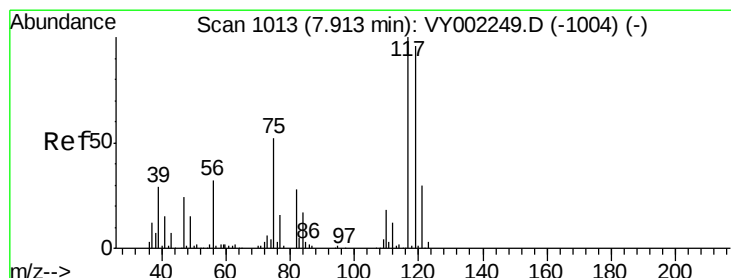
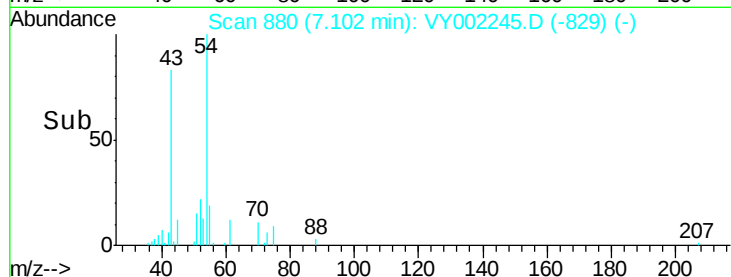
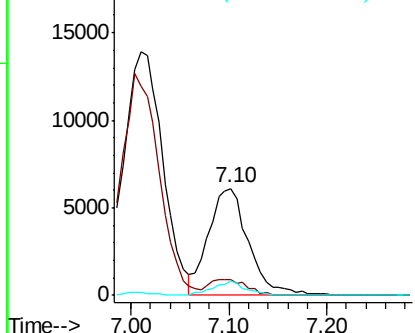
#37
Ethyl Acetate
Concen: 11.050 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 17394
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.4 9.1 13.7

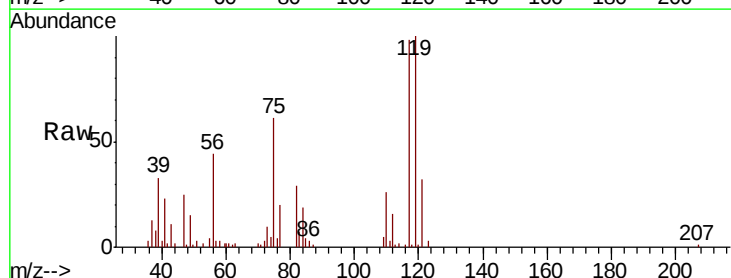


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

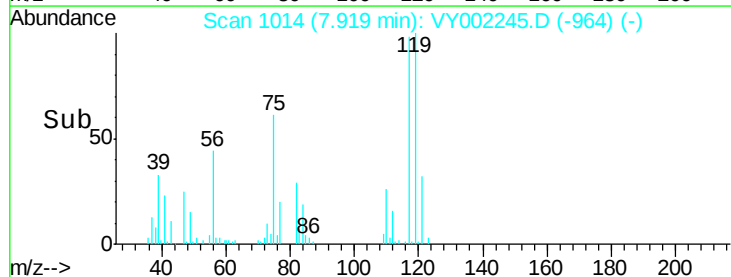
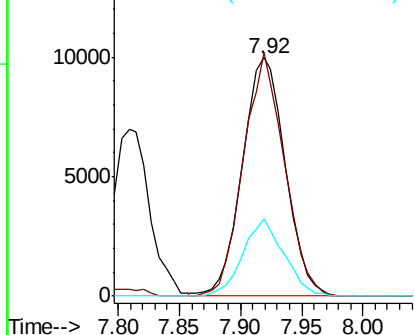


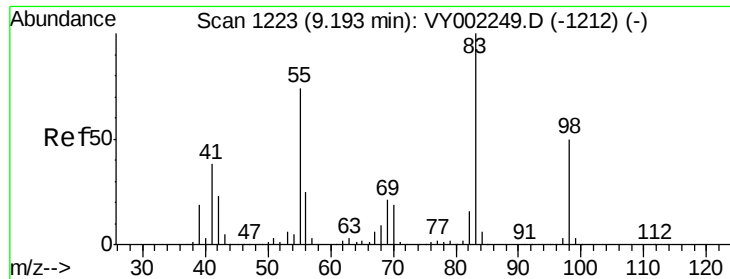
#38
Carbon Tetrachloride
Concen: 10.347 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 117 Resp: 24388
Ion Ratio Lower Upper
117 100
119 102.2 77.1 115.7
121 32.6 23.9 35.9



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

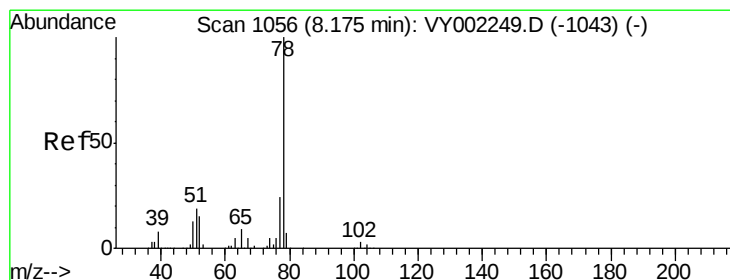
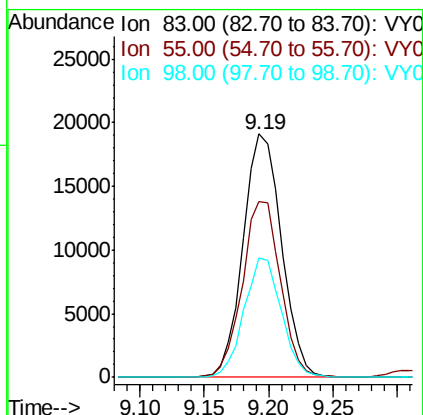
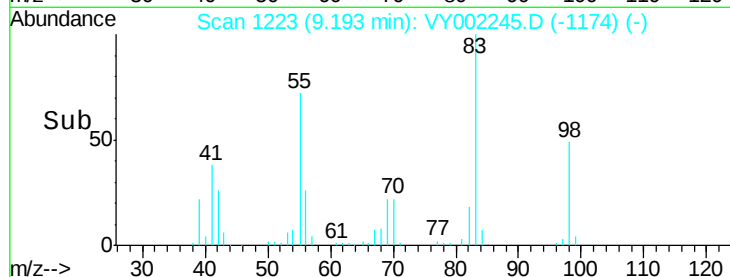
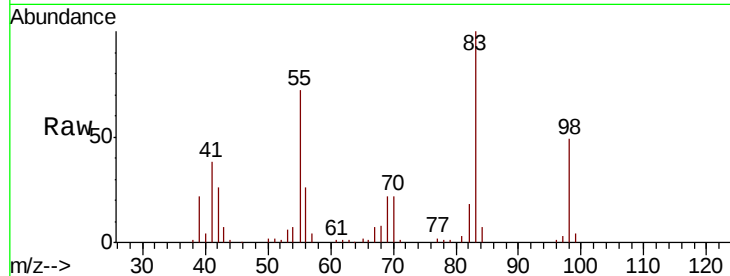




#39
Methvlcvclohexane
Concen: 10.534 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

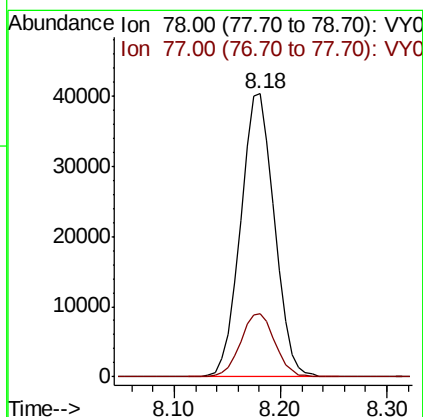
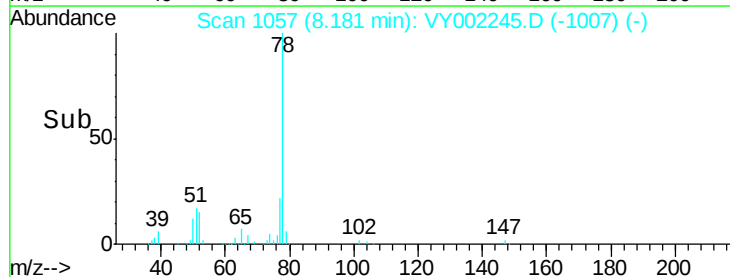
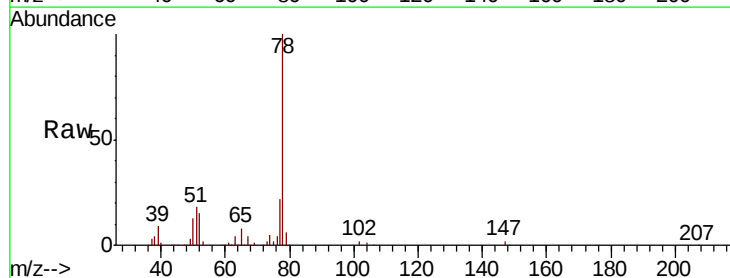
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

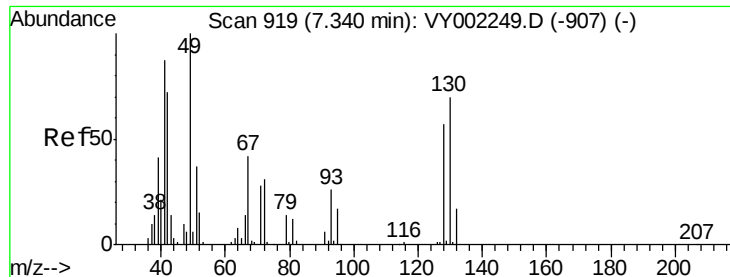
Tot Ion: 83 Resp: 39483
Ion Ratio Lower Upper
83 100
55 72.5 59.3 88.9
98 49.0 39.6 59.4



#40
Benzene
Concen: 10.758 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 78 Resp: 89934
Ion Ratio Lower Upper
78 100
77 22.3 18.9 28.3

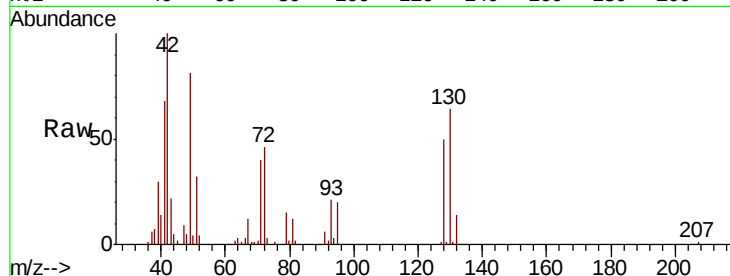




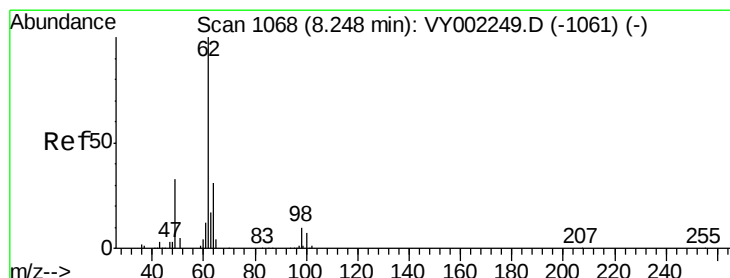
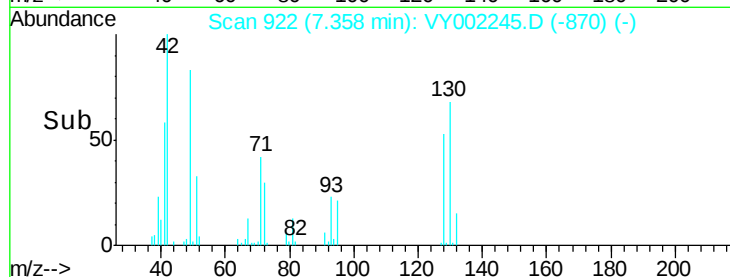
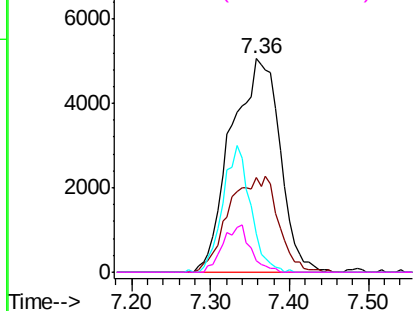
#41
Methacrylonitrile
Concen: 20.914 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	21749
Ion	Ratio	Lower	Upper
41	100		
39	45.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

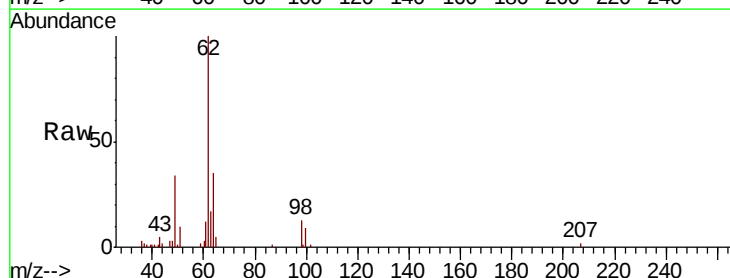


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

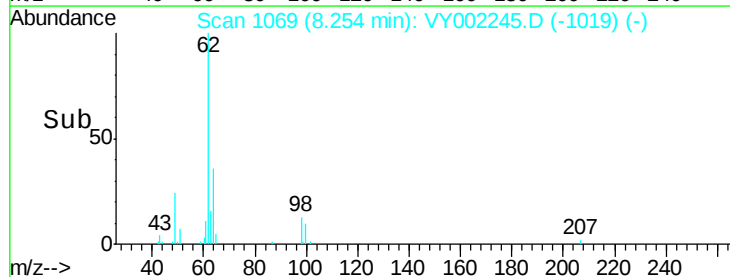
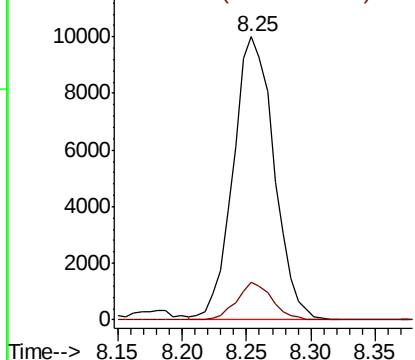


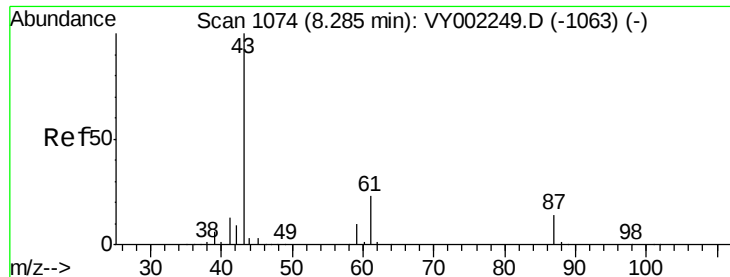
#42
1,2-Dichloroethane
Concen: 10.656 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:	62	Resp:	22067
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 10.588 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

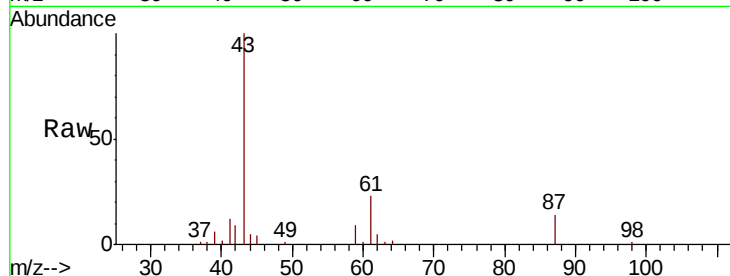
Tot Ion: 43 Resp: 30398

Ion Ratio Lower Upper

43 100

61 30.7 24.9 37.3

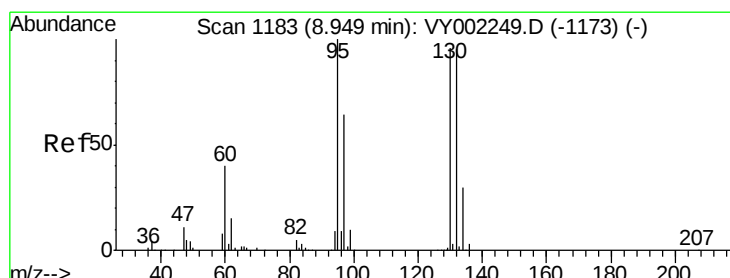
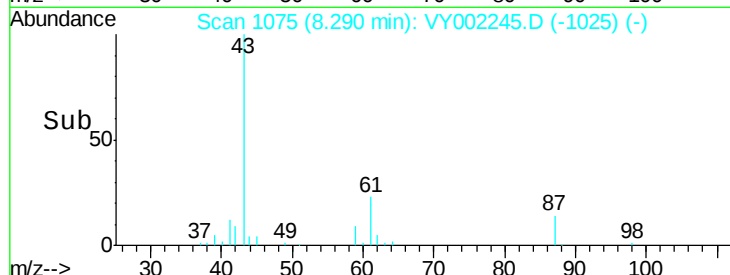
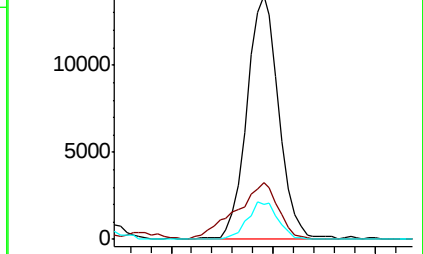
87 14.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002245.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002245.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002245.D (-1063) (-)



#44

Trichloroethene

Concen: 10.739 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY002245.D

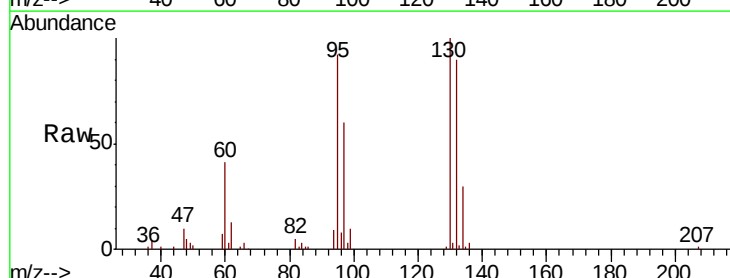
Acq: 08 Apr 2020 11:48

Tgt Ion:130 Resp: 26395

Ion Ratio Lower Upper

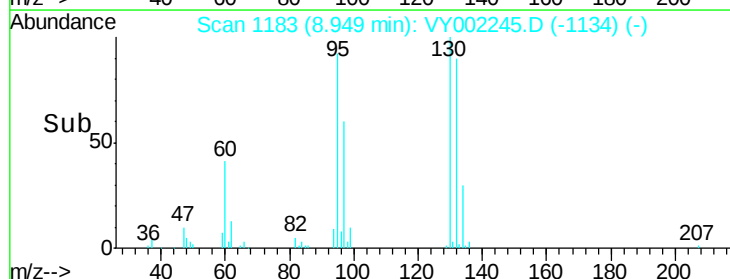
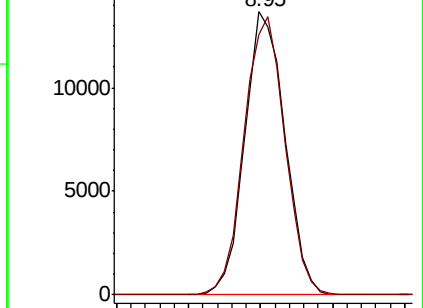
130 100

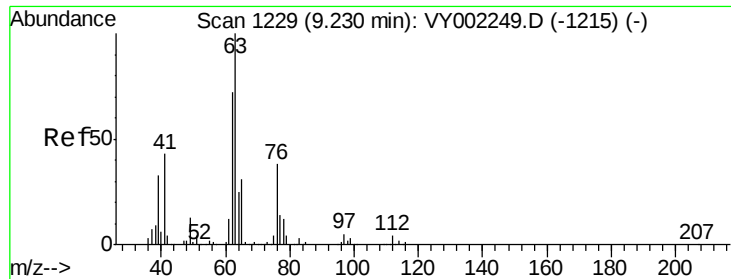
95 91.9 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002245.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002245.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 10.764 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

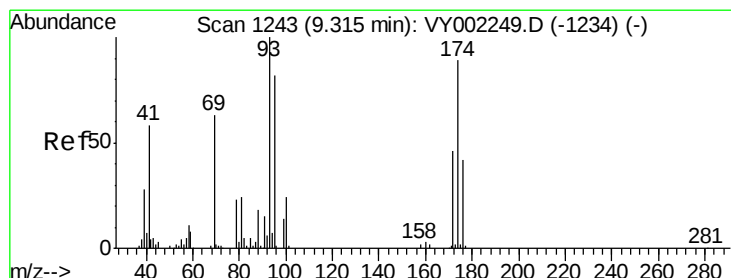
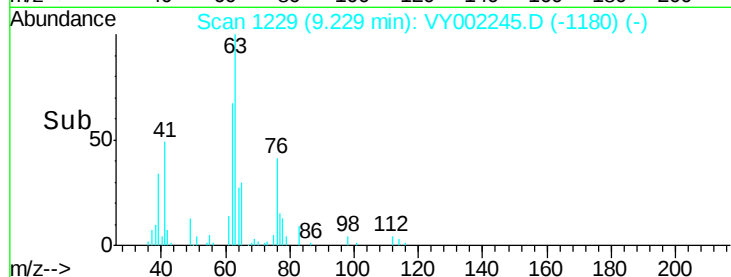
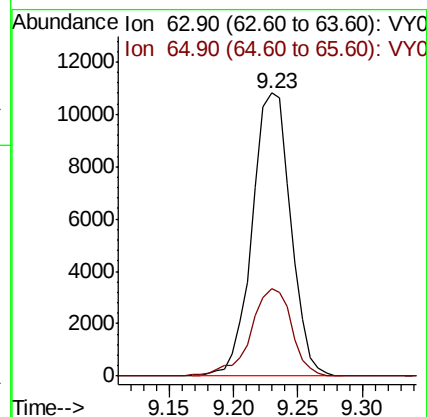
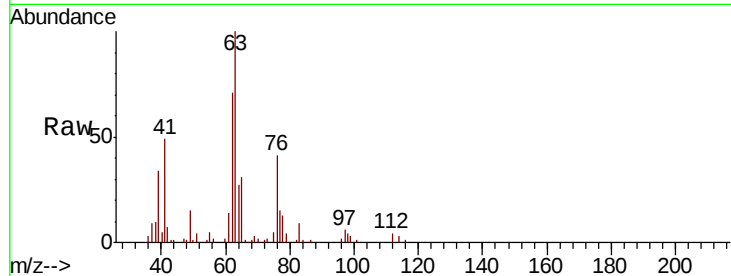
VSTDIC010

Tot Ion: 63 Resp: 22327

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 10.603 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

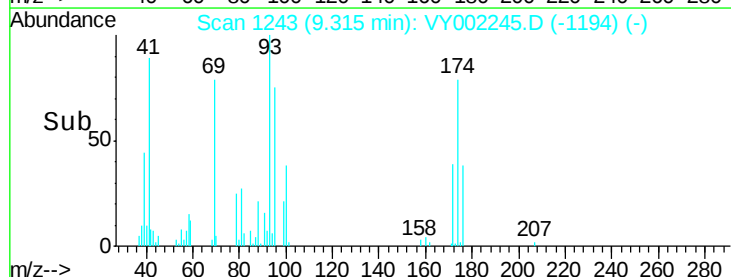
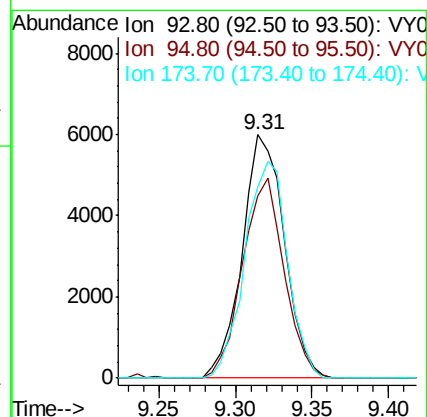
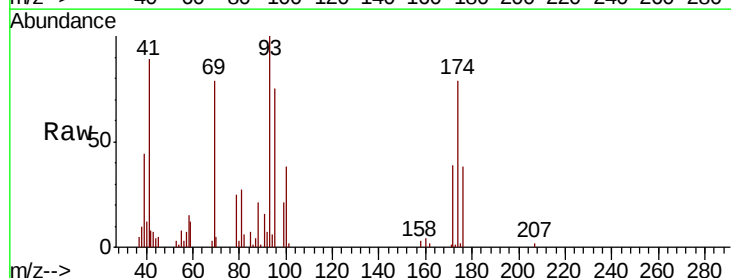
Tgt Ion: 93 Resp: 11500

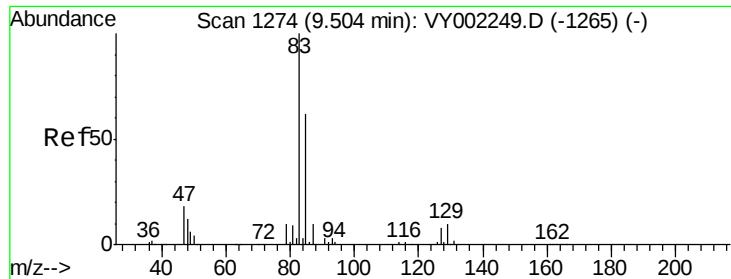
Ion Ratio Lower Upper

93 100

95 80.8 67.3 100.9

174 90.0 72.5 108.7

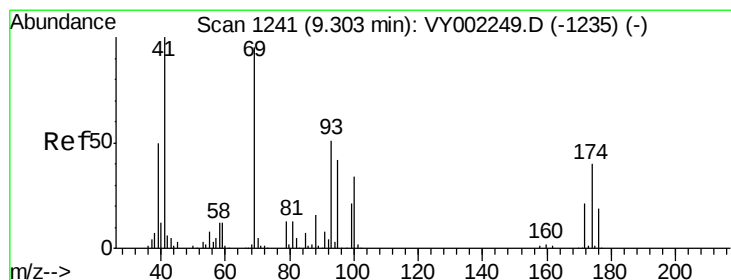
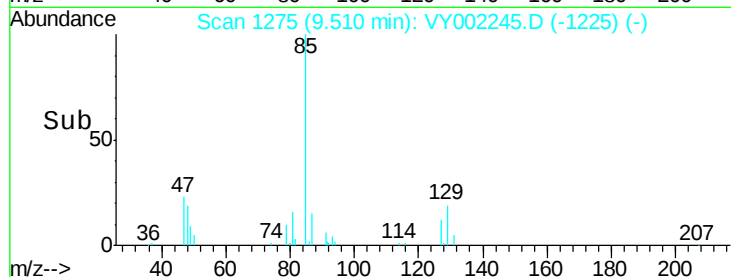
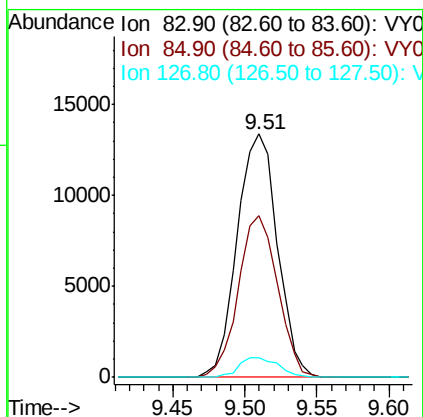
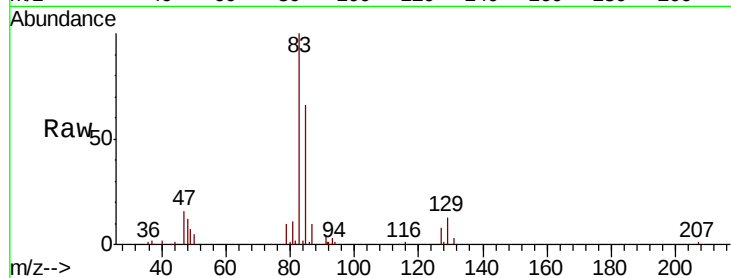




#47
Bromodichloromethane
Concen: 10.421 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

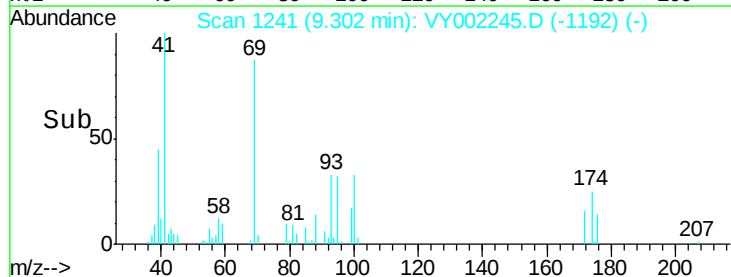
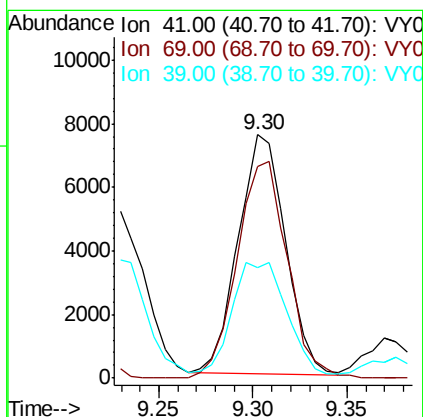
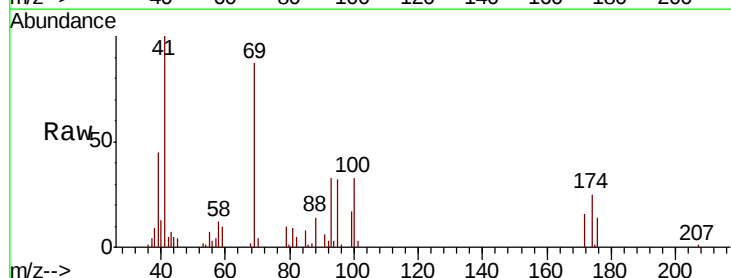
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

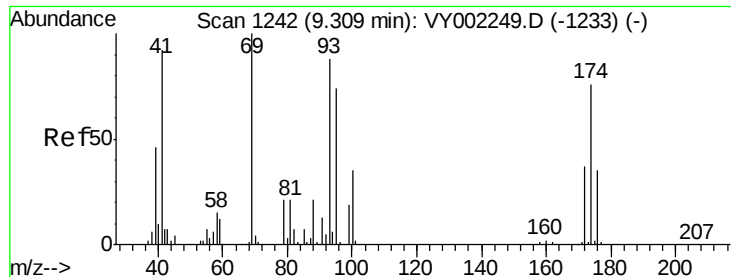
Tot Ion: 83 Resp: 25934
Ion Ratio Lower Upper
83 100
85 66.3 49.7 74.5
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 10.215 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 41 Resp: 13149
Ion Ratio Lower Upper
41 100
69 95.9 76.7 115.1
39 53.7 40.5 60.7





#49

1,4-Dioxane

Concen: 212.493 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

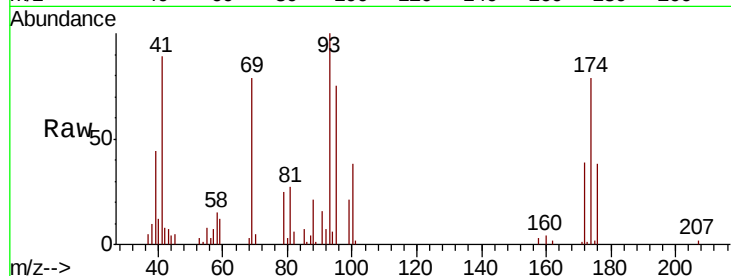
Tot Ion: 88 Resp: 3260

Ion Ratio Lower Upper

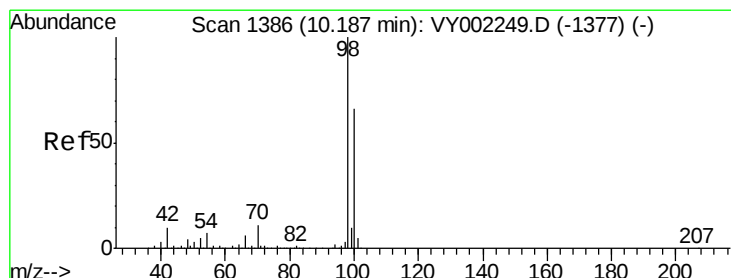
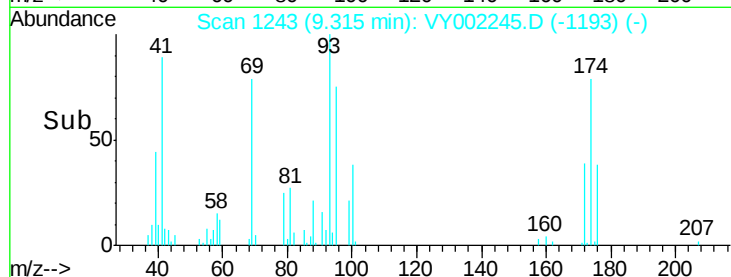
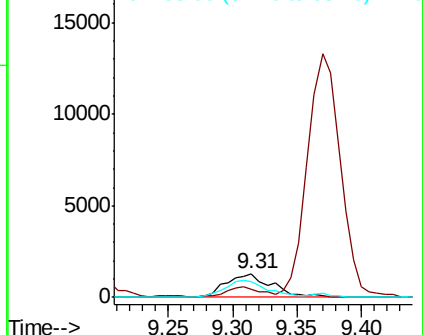
88 100

43 33.6 22.2 33.2#

58 65.4 57.6 86.4



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



#50

Toluene-d8

Concen: 10.151 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002245.D

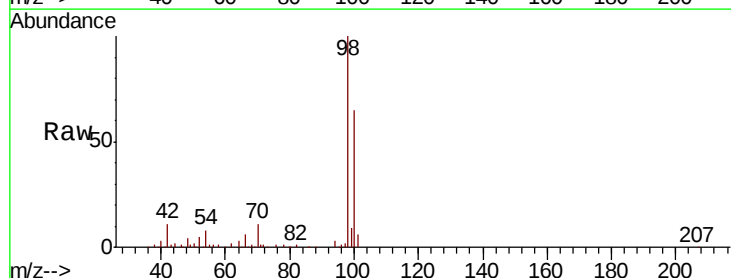
Acq: 08 Apr 2020 11:48

Tgt Ion: 98 Resp: 70727

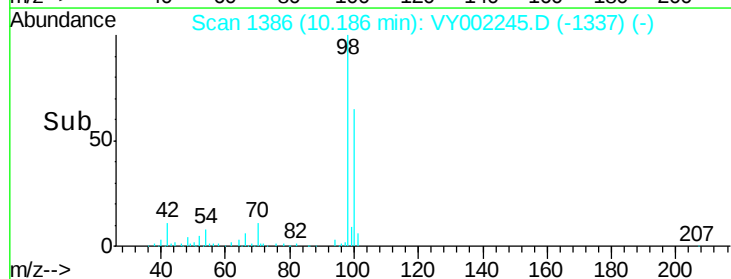
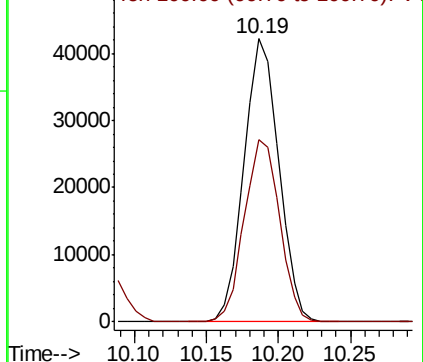
Ion Ratio Lower Upper

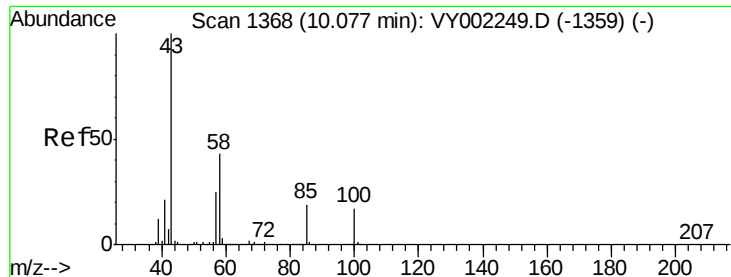
98 100

100 65.4 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 54.440 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampled :

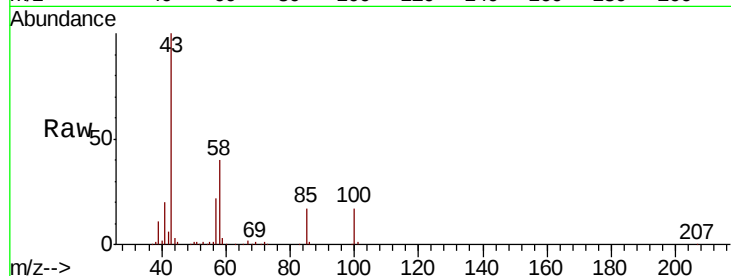
VSTDIC010

Tot Ion: 43 Resp: 81440

Ion Ratio Lower Upper

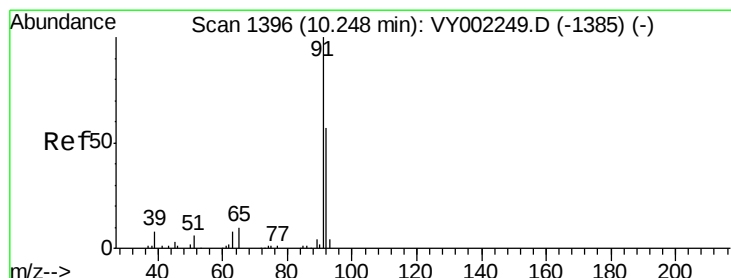
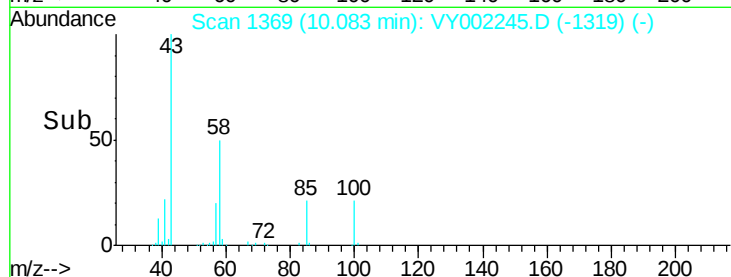
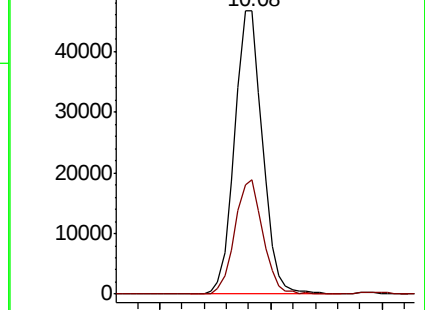
43 100

58 40.3 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)



#52

Toluene

Concen: 10.558 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002245.D

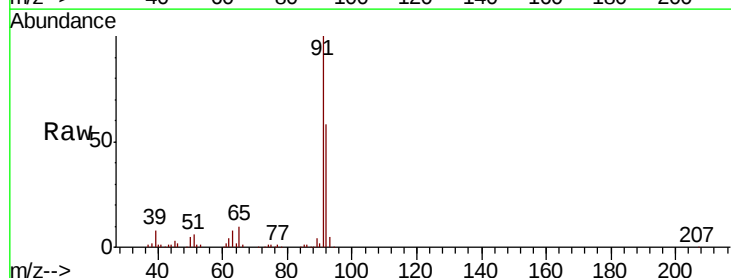
Acq: 08 Apr 2020 11:48

Tgt Ion: 92 Resp: 53195

Ion Ratio Lower Upper

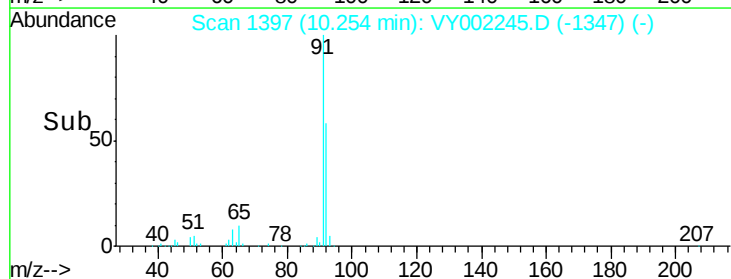
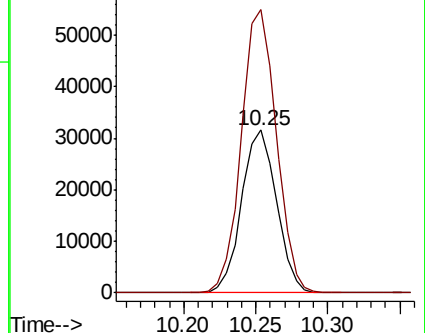
92 100

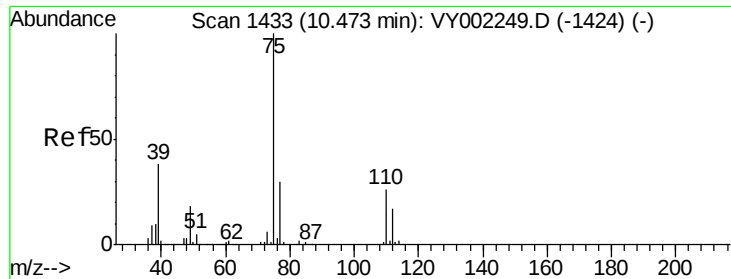
91 174.2 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

Ion 91.00 (90.70 to 91.70): VY002249.D (-1385) (-)





#53

t-1,3-Dichloropropene

Concen: 10.148 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

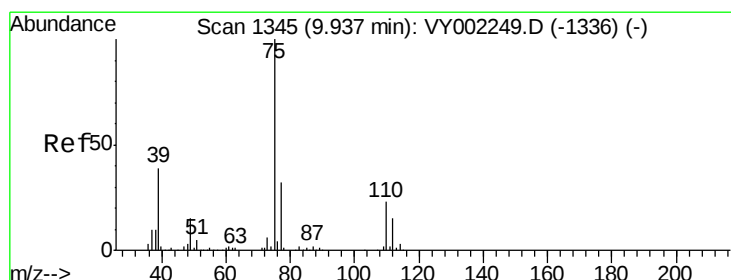
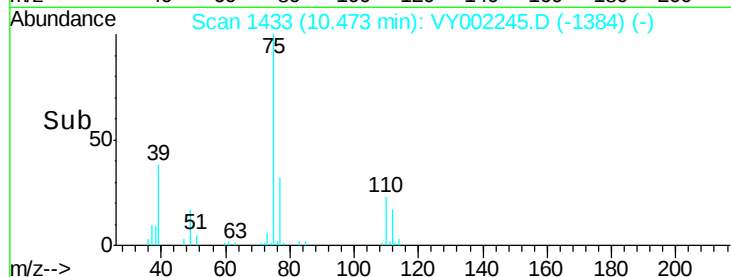
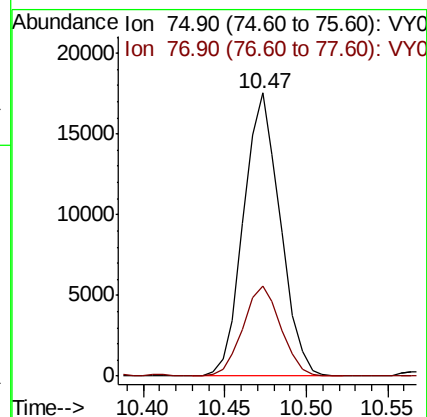
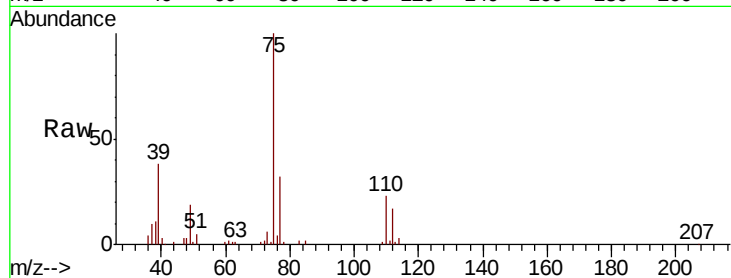
VSTDIC010

Tot Ion: 75 Resp: 27515

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 10.489 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

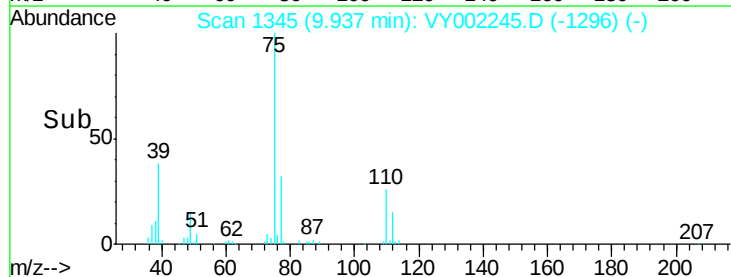
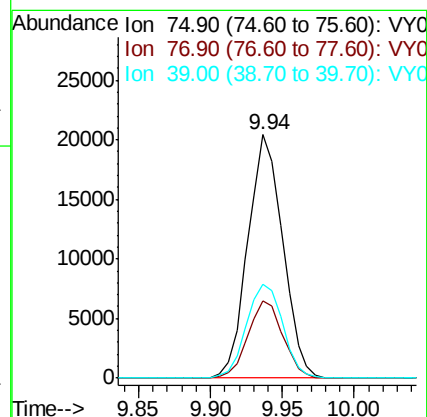
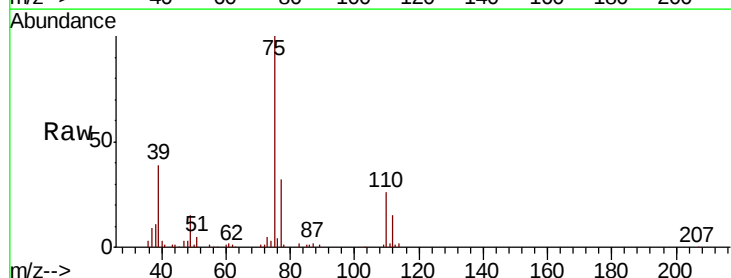
Tgt Ion: 75 Resp: 34191

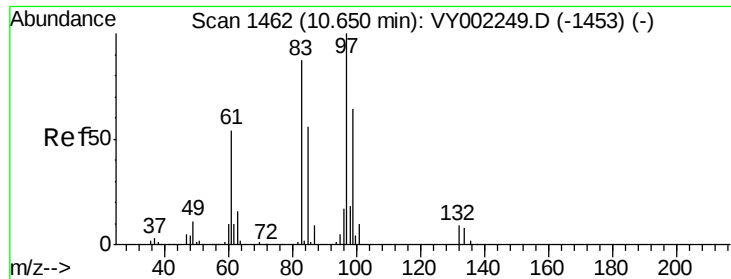
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 38.6 30.8 46.2

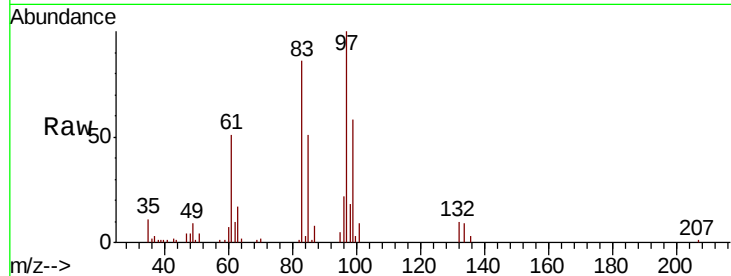




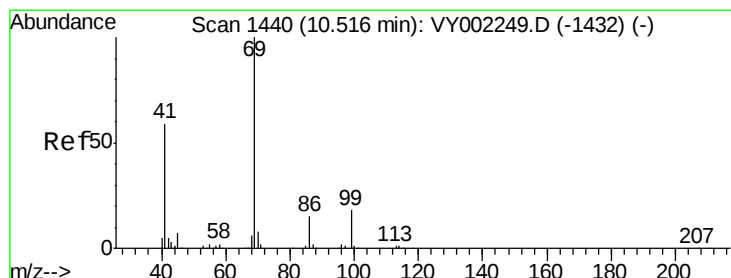
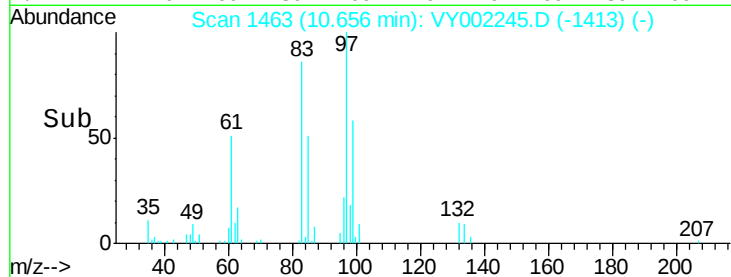
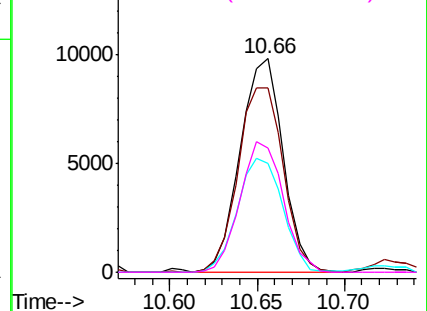
#55
 1,1,2-Trichloroethane
 Concen: 10.537 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 97 Resp: 16731
 Ion Ratio Lower Upper
 97 100
 83 86.1 69.5 104.3
 85 51.2 45.2 67.8
 99 58.4 50.9 76.3

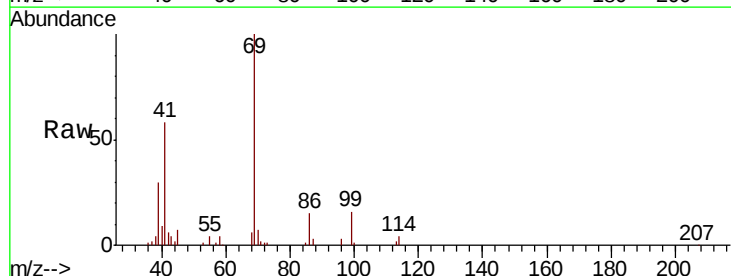


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

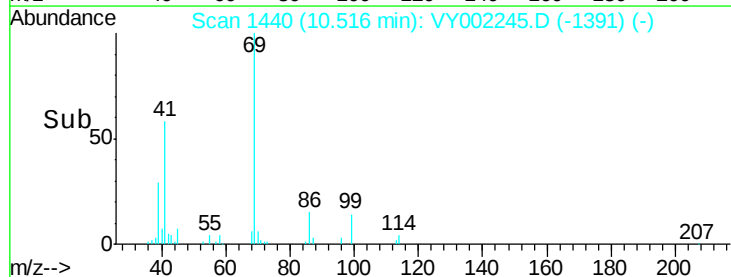
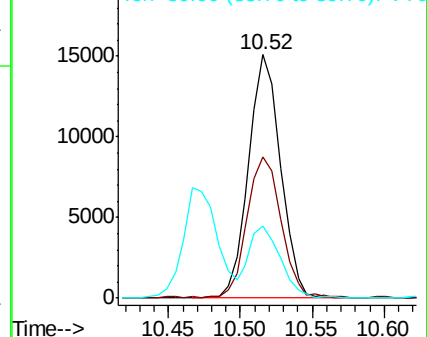


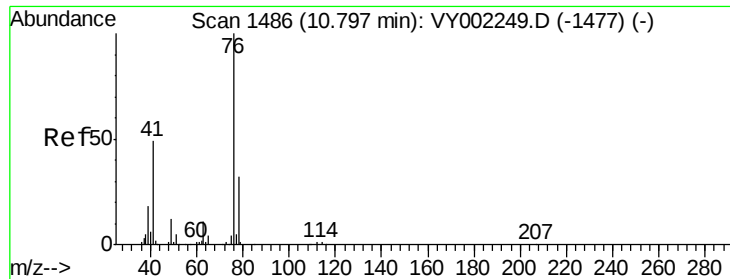
#56
 Ethyl methacrylate
 Concen: 10.255 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 69 Resp: 23240
 Ion Ratio Lower Upper
 69 100
 41 61.6 47.9 71.9
 39 29.3 23.8 35.6



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





#57

1,3-Dichloropropane

Concen: 10.737 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

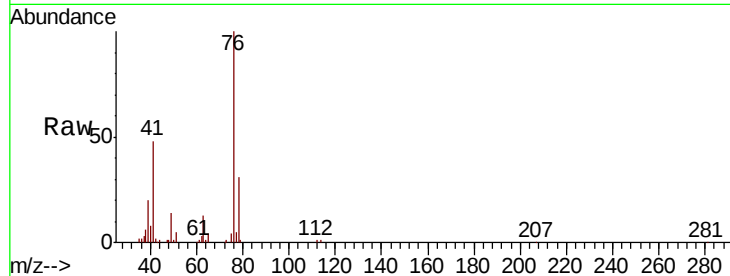
VSTDIC010

Tot Ion: 76 Resp: 29965

Ion Ratio Lower Upper

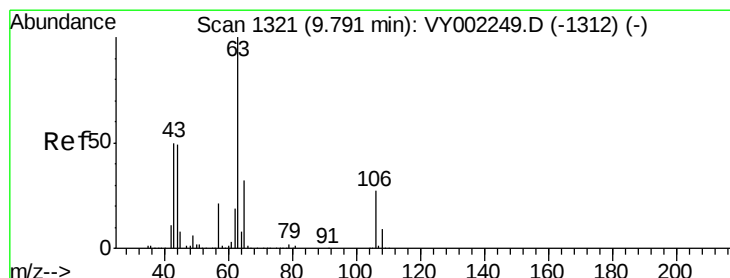
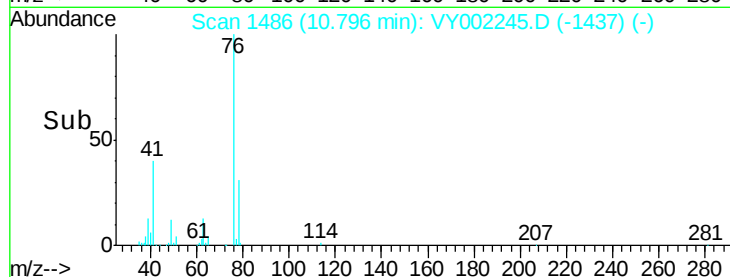
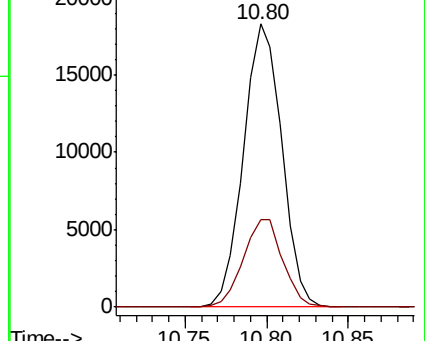
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 50.075 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002245.D

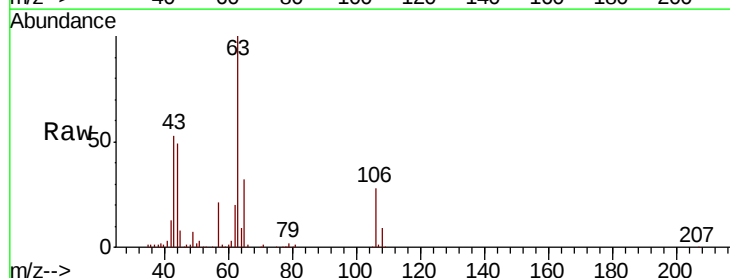
Acq: 08 Apr 2020 11:48

Tgt Ion: 63 Resp: 58766

Ion Ratio Lower Upper

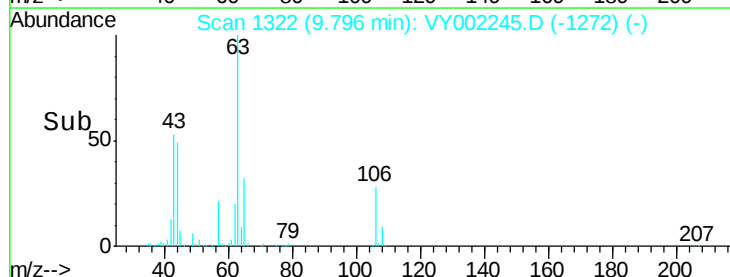
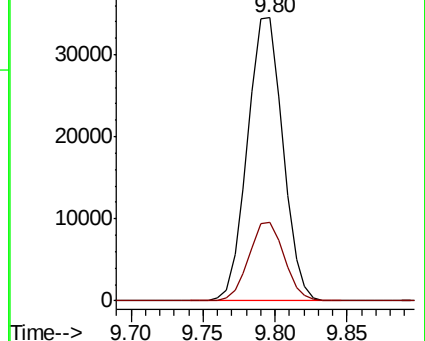
63 100

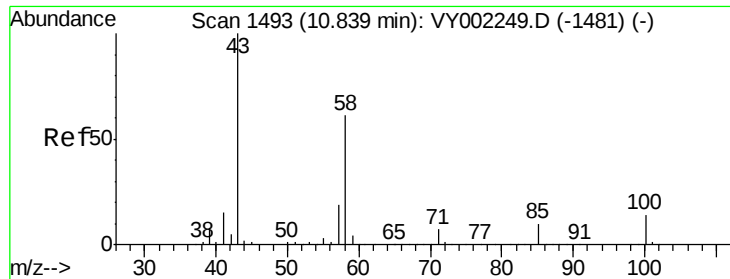
106 27.8 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

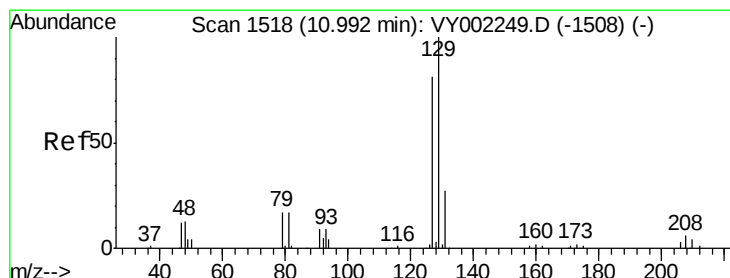
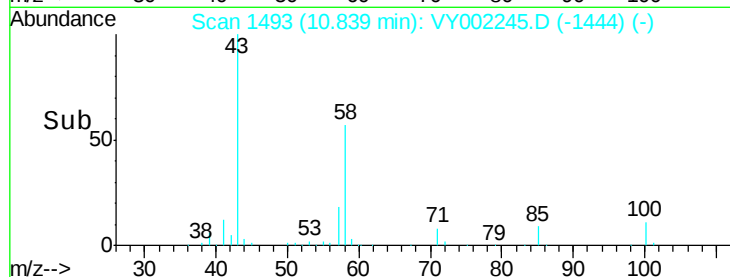
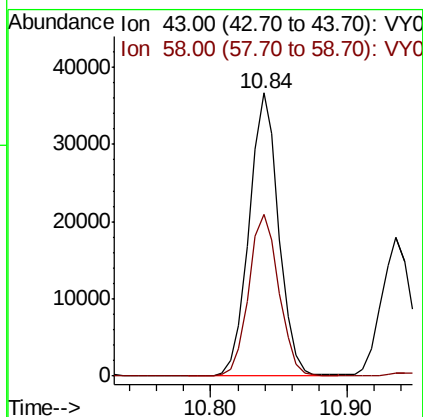
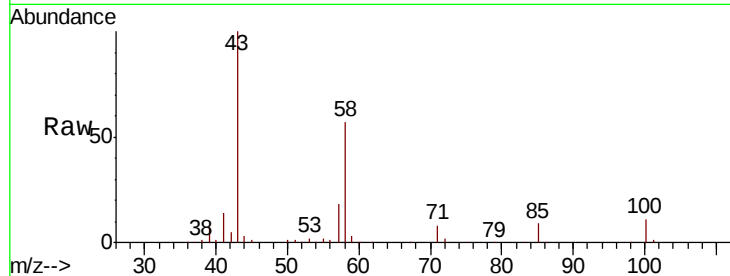




#59
2-Hexanone
Concen: 53.903 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

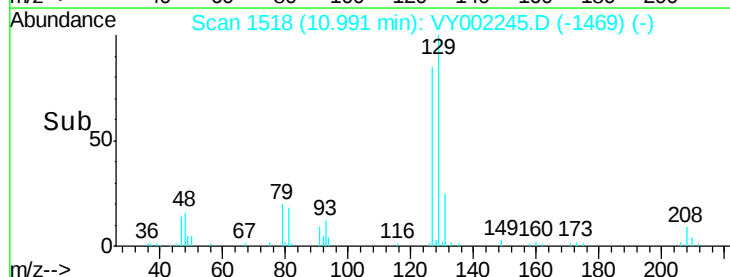
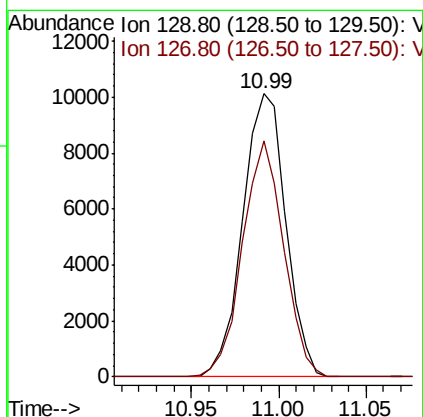
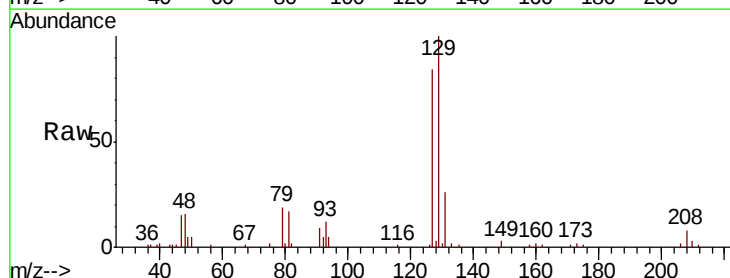
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

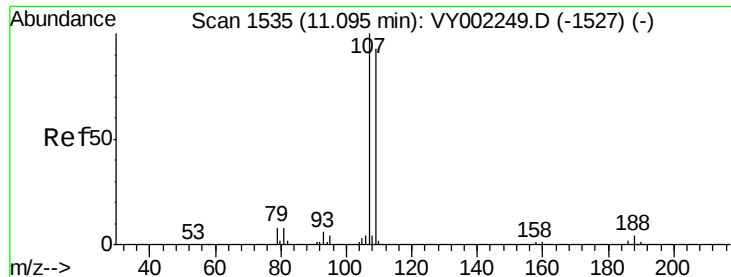
Tot Ion: 43 Resp: 55964
Ion Ratio Lower Upper
43 100
58 58.2 29.8 89.3



#60
Dibromochloromethane
Concen: 10.218 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 129 Resp: 17301
Ion Ratio Lower Upper
129 100
127 79.9 39.0 117.0

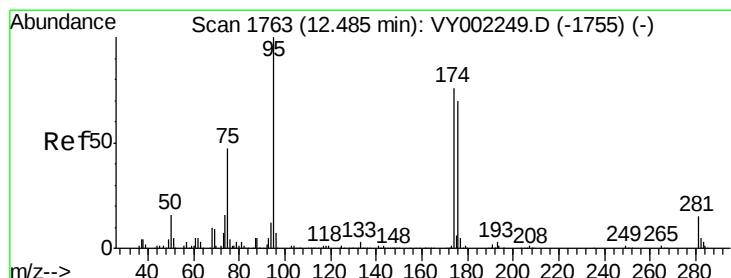
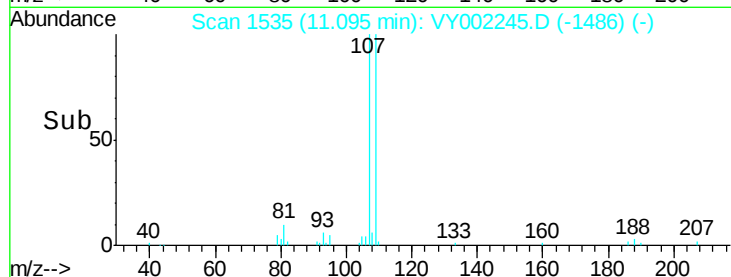
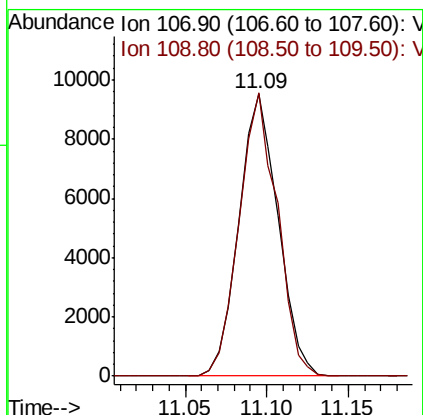
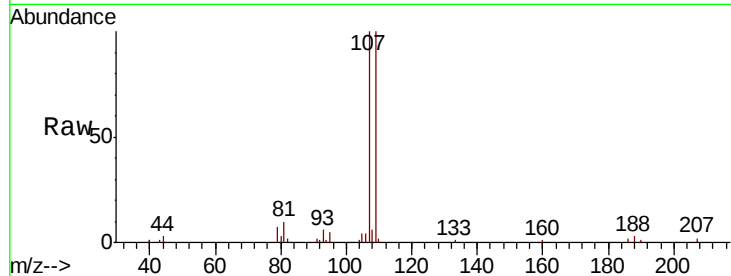




#61
 1,2-Dibromoethane
 Concen: 10.530 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

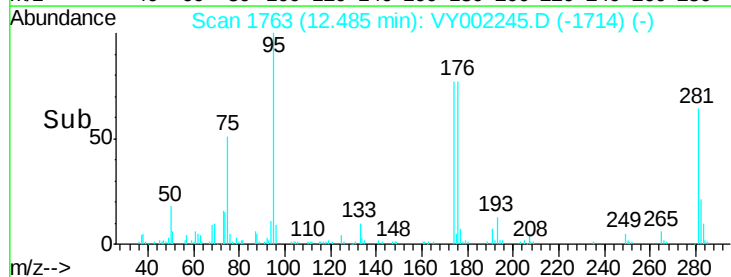
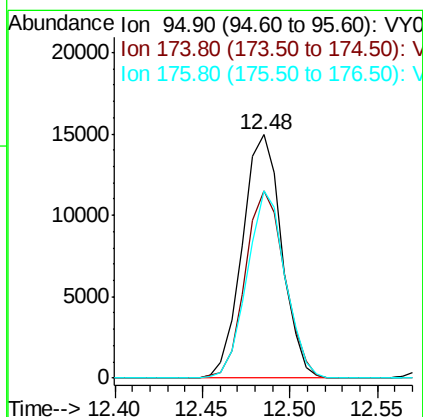
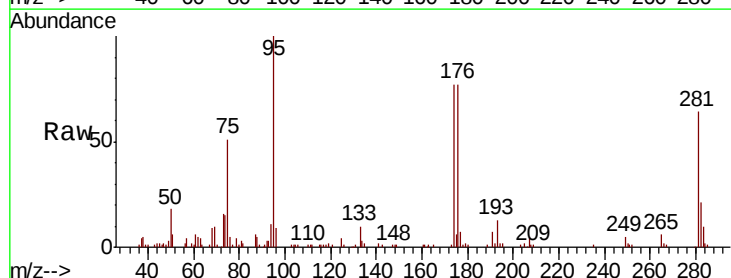
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

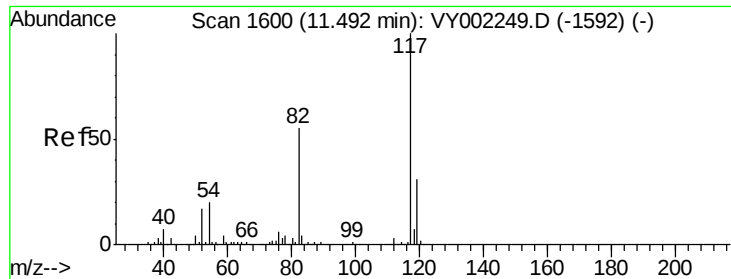
Tot Ion:107 Resp: 15918
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 10.174 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 95 Resp: 23386
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 150.6
 176 74.5 0.0 141.4

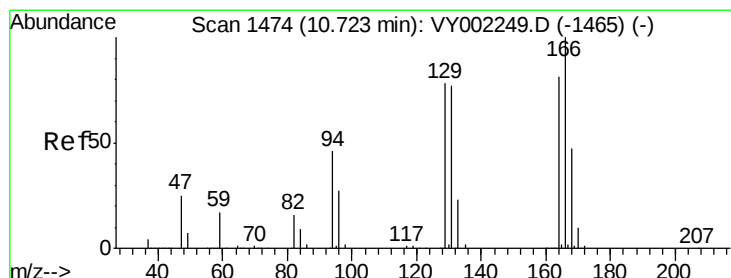
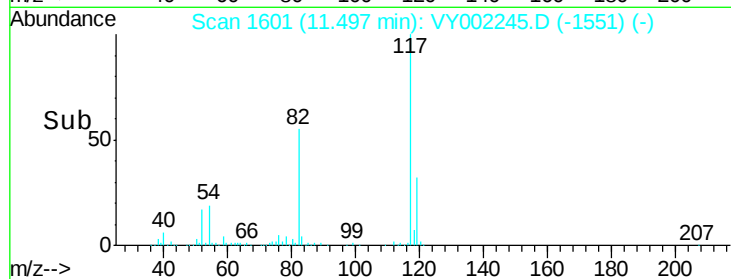
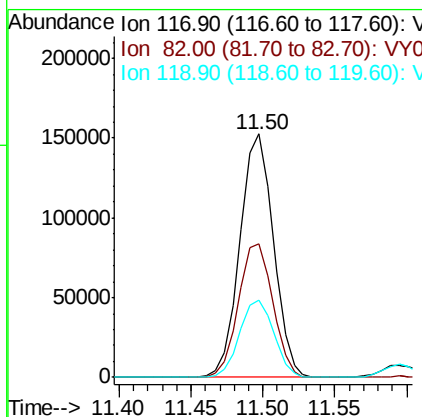
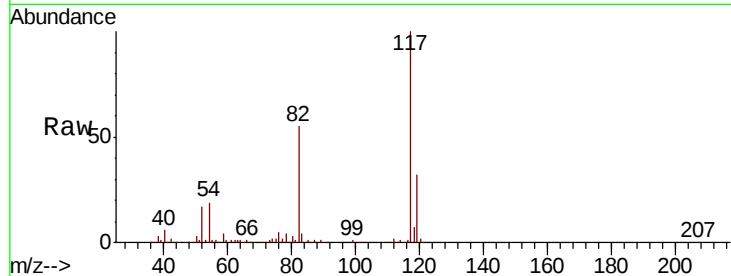




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

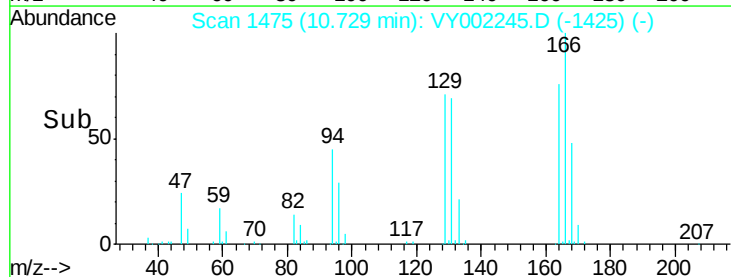
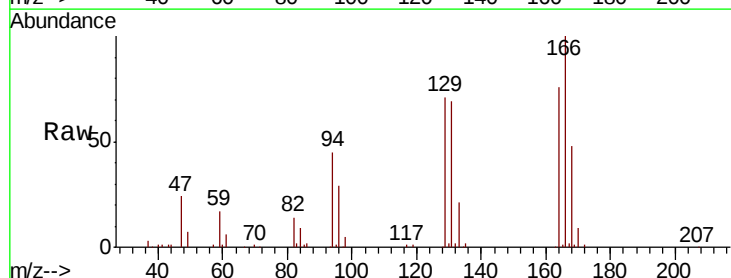
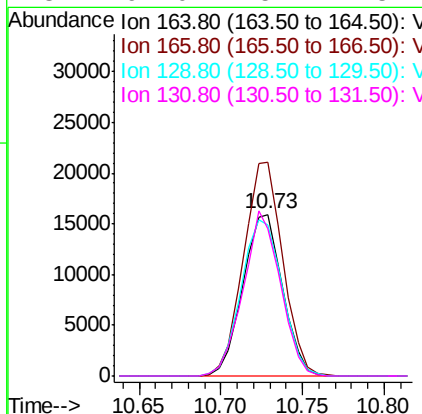
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

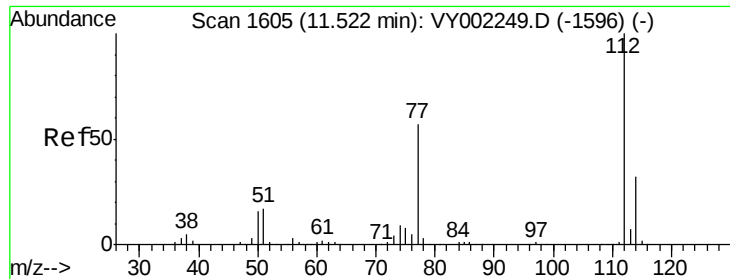
Tot Ion:117 Resp: 246630
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 10.815 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:164 Resp: 26966
Ion Ratio Lower Upper
164 100
166 132.4 98.4 147.6
129 93.6 76.6 115.0
131 91.0 75.4 113.2

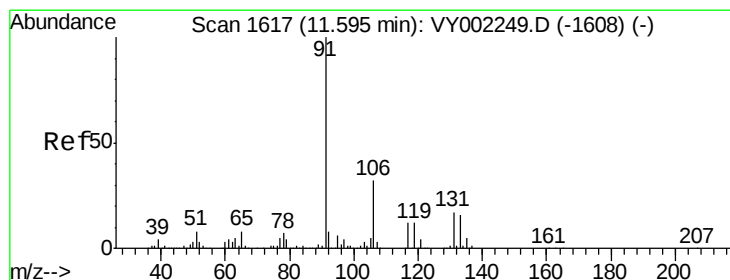
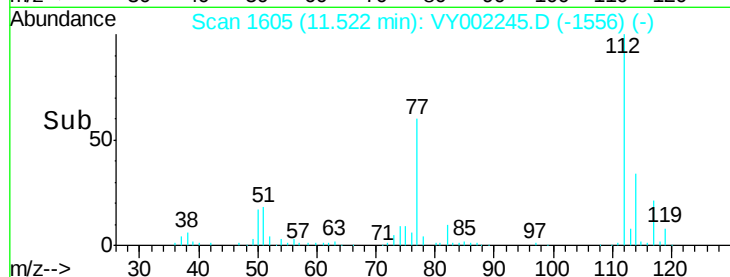
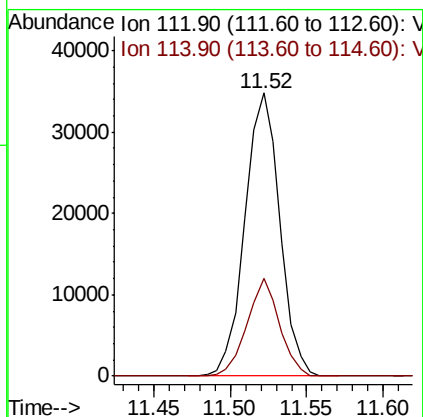
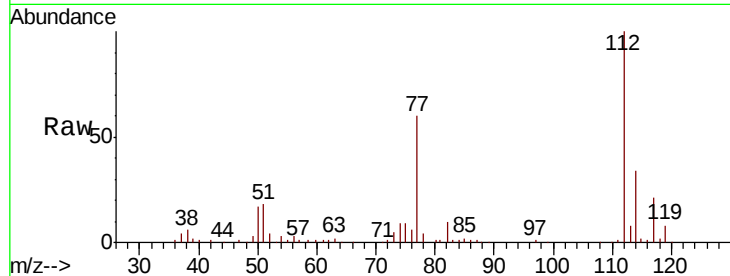




#65
Chlorobenzene
Concen: 10.772 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

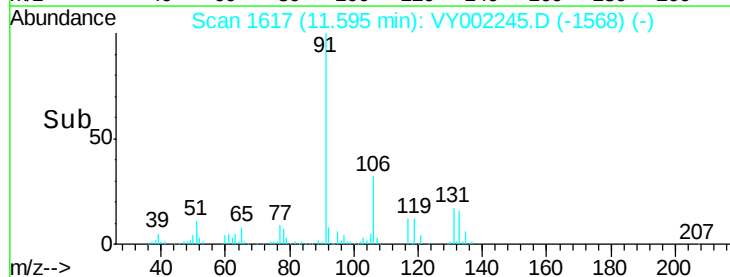
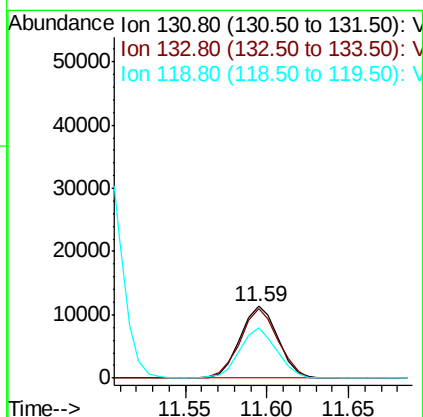
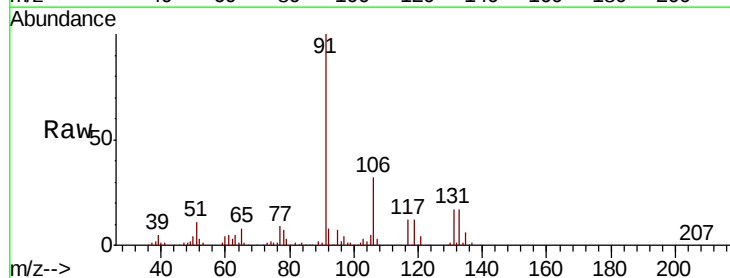
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

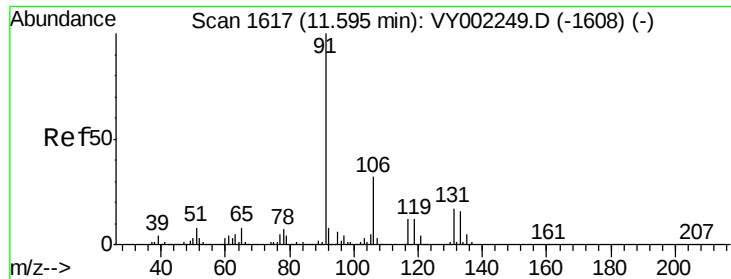
Tot Ion:112 Resp: 55227
Ion Ratio Lower Upper
112 100
114 34.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 10.780 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:131 Resp: 18247
Ion Ratio Lower Upper
131 100
133 97.0 46.5 139.3
119 68.1 34.5 103.6

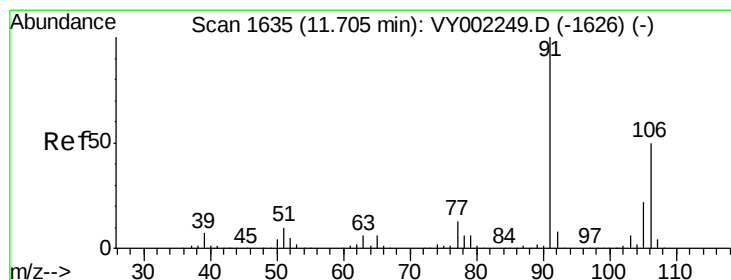
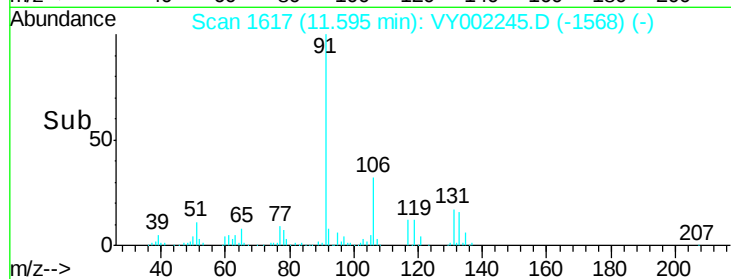
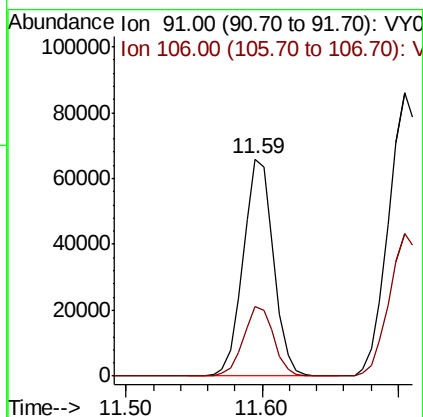
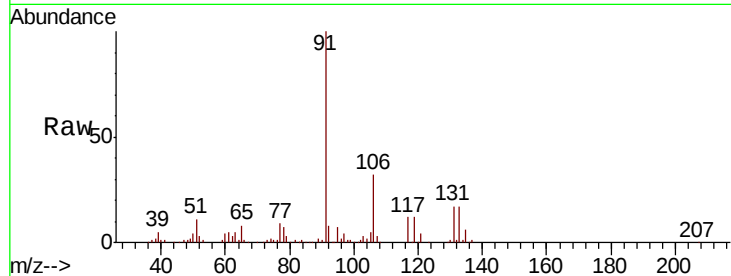




#67
Ethyl Benzene
Concen: 10.924 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

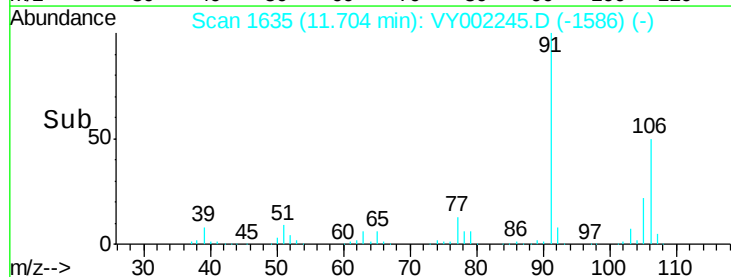
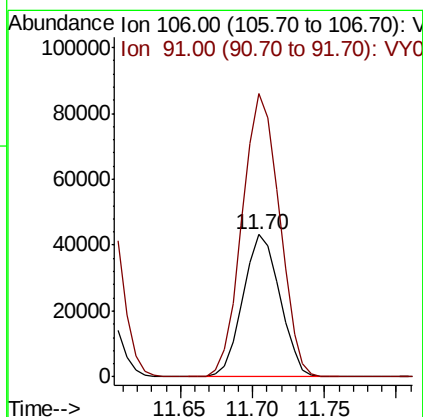
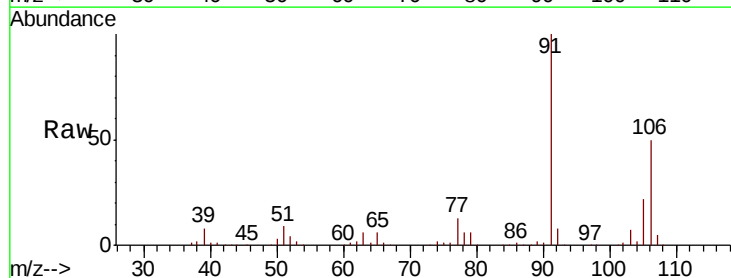
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

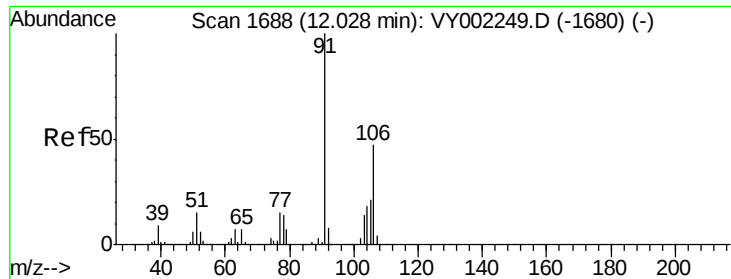
Tot Ion: 91 Resp: 102529
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 21.798 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 106 Resp: 76624
Ion Ratio Lower Upper
106 100
91 201.5 159.8 239.6

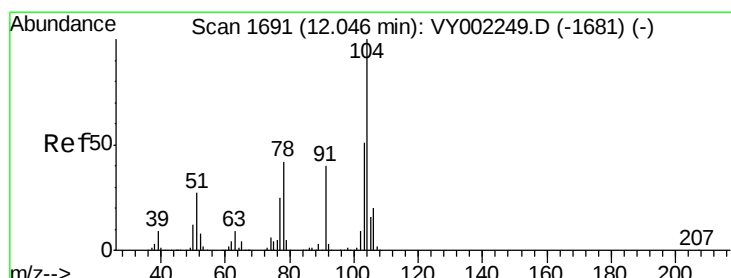
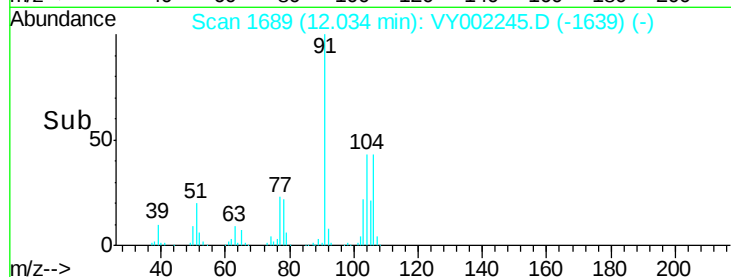
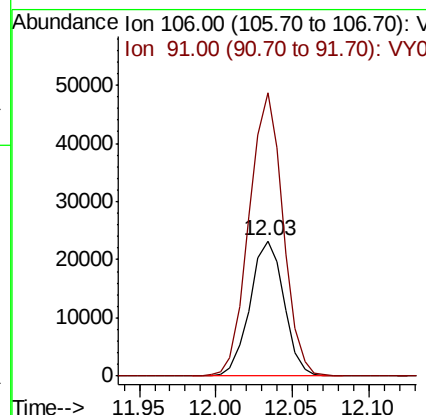
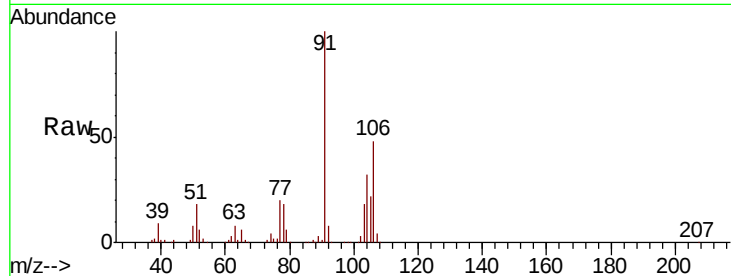




#69
o-Xylene
Concen: 10.906 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

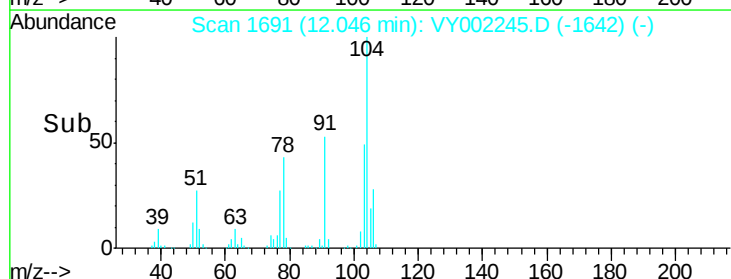
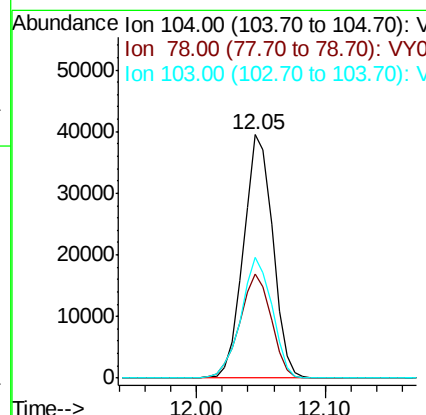
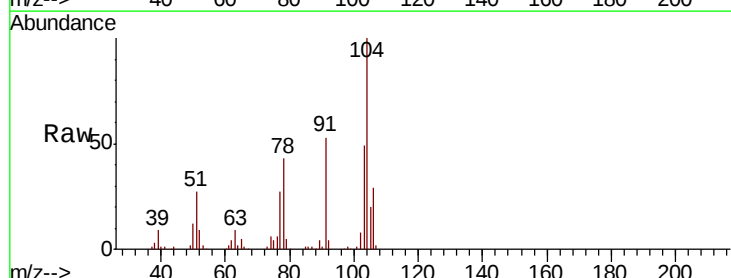
Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC010

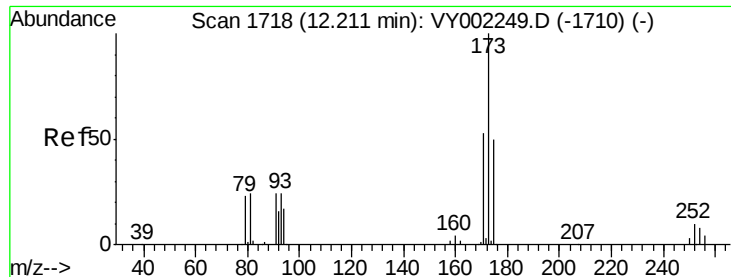
Tot Ion:106 Resp: 35994
Ion Ratio Lower Upper
106 100
91 208.8 105.8 317.3



#70
Styrene
Concen: 10.796 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:104 Resp: 61816
Ion Ratio Lower Upper
104 100
78 46.2 37.2 55.8
103 52.7 43.4 65.0

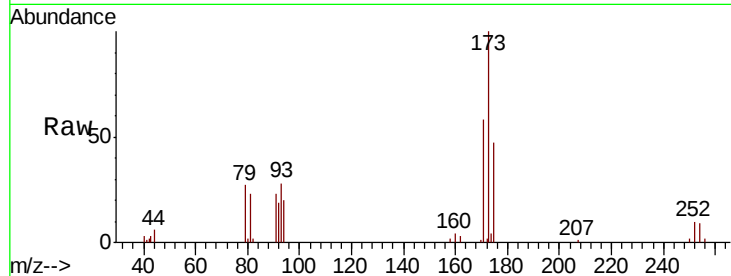




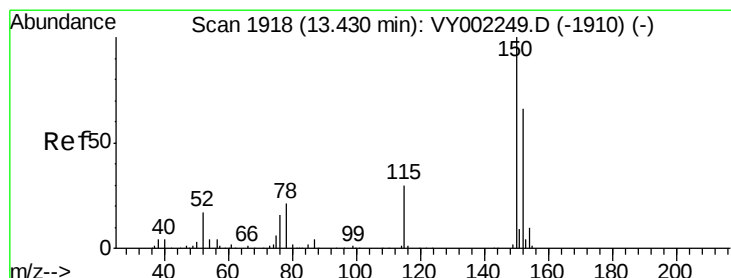
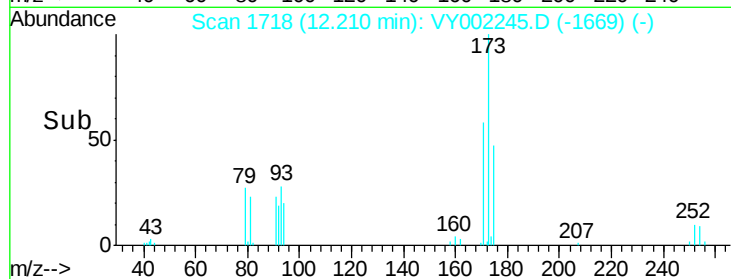
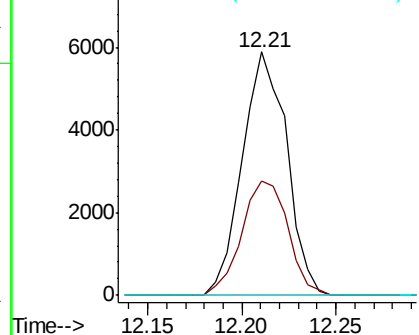
#71
Bromoform
Concen: 10.434 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:173 Resp: 9604
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.0 0.0 0.0

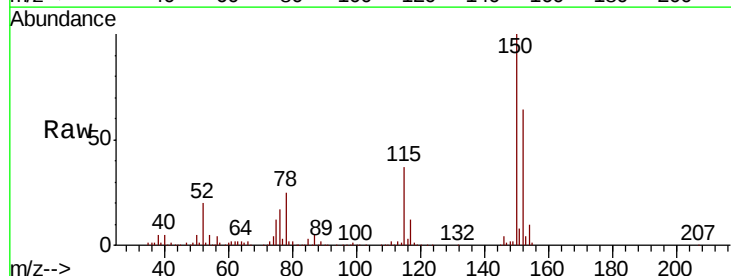


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

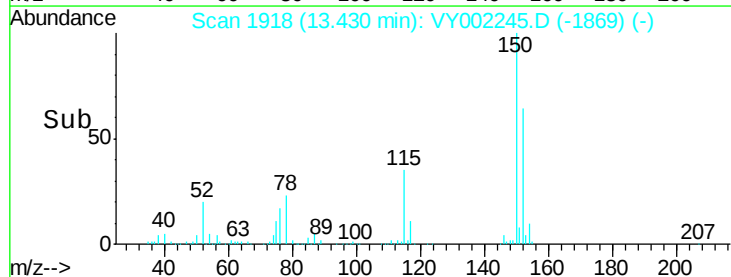
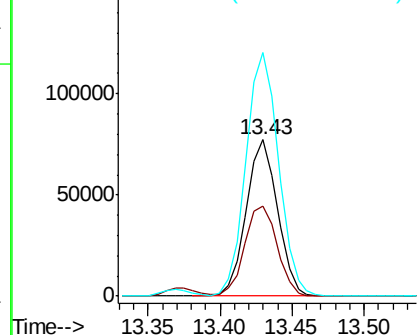


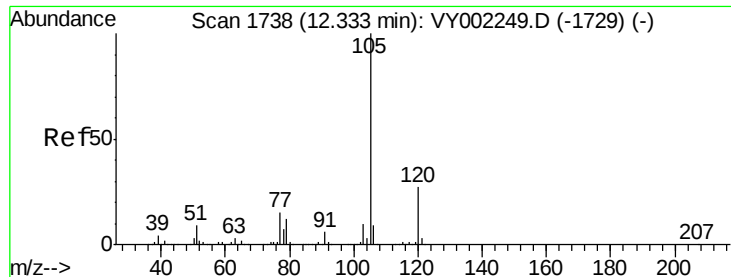
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:152 Resp: 116312
Ion Ratio Lower Upper
152 100
115 60.0 30.7 92.1
150 162.2 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: 10.482 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

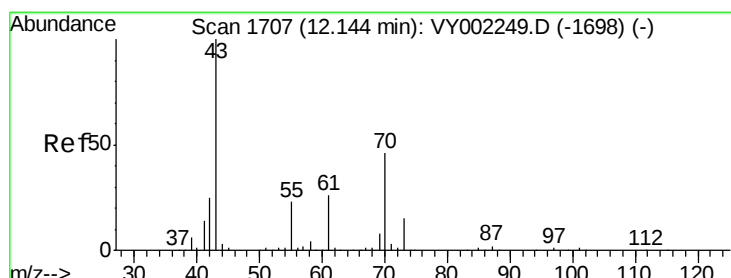
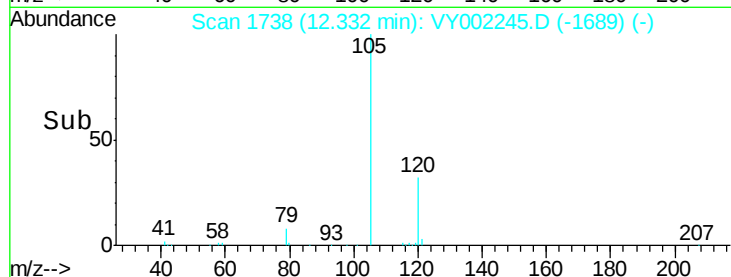
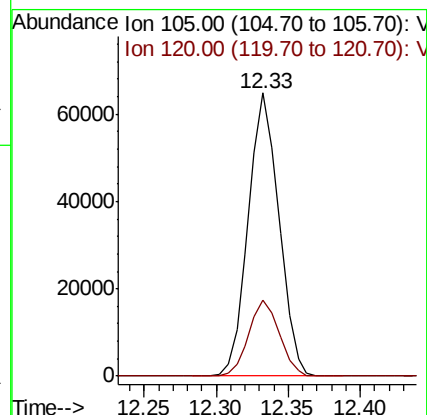
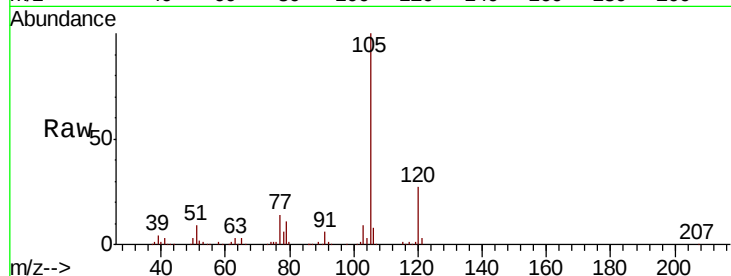
VSTDIC010

Tot Ion:105 Resp: 95776

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 10.709 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion: 43 Resp: 27776

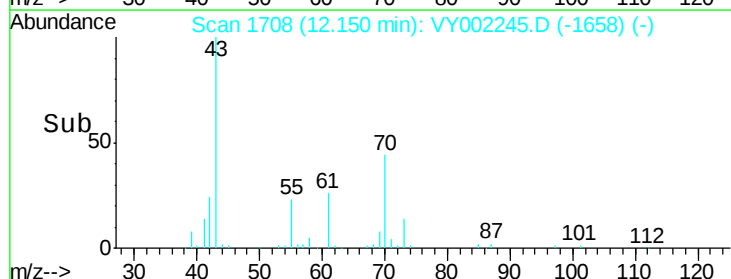
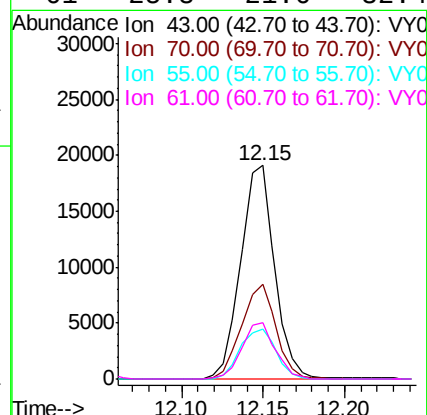
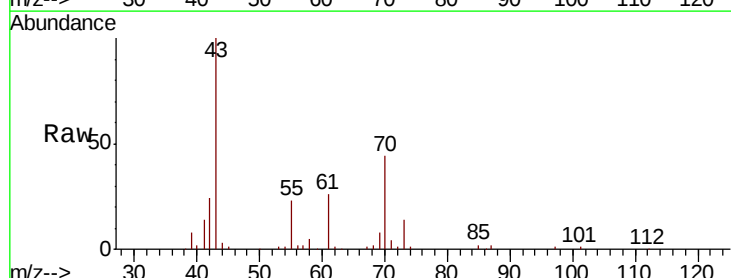
Ion Ratio Lower Upper

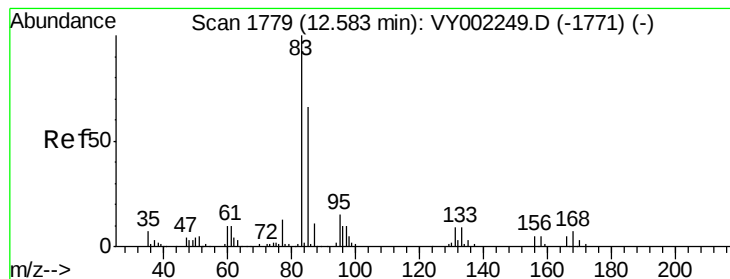
43 100

70 45.1 37.5 56.3

55 24.7 19.0 28.6

61 25.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 10.336 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

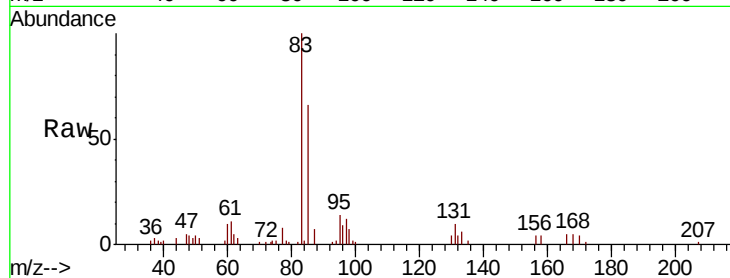
Tot Ion: 83 Resp: 11427

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.7

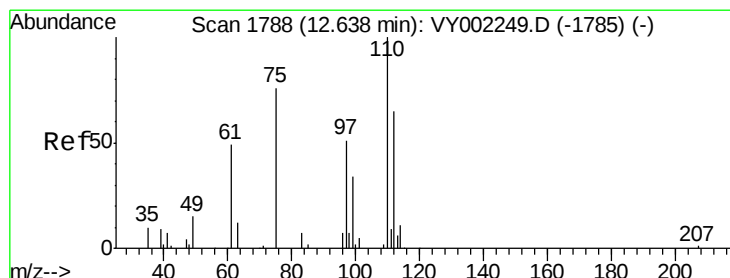
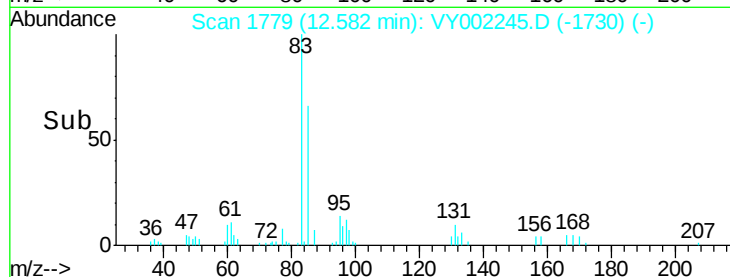
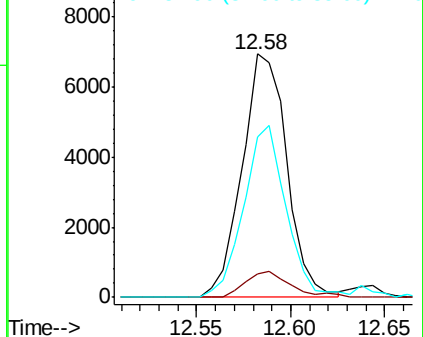
85 67.0 32.6 97.8



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: 11.429 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002245.D

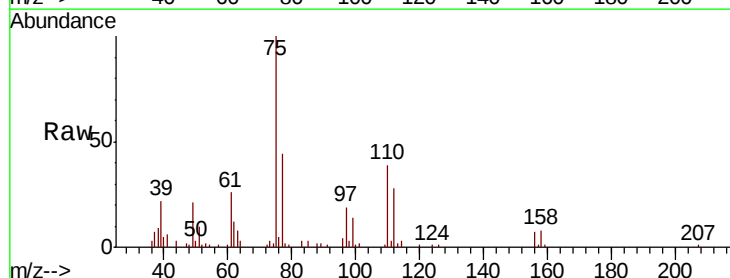
Acq: 08 Apr 2020 11:48

Tgt Ion: 75 Resp: 26632

Ion Ratio Lower Upper

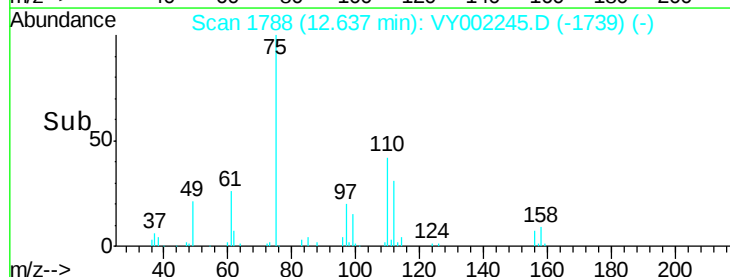
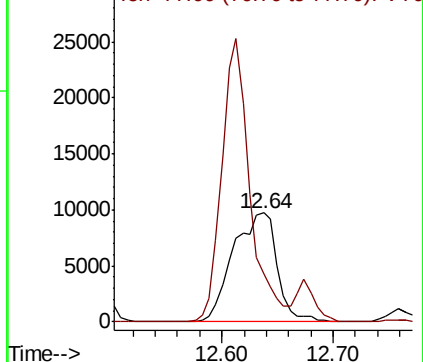
75 100

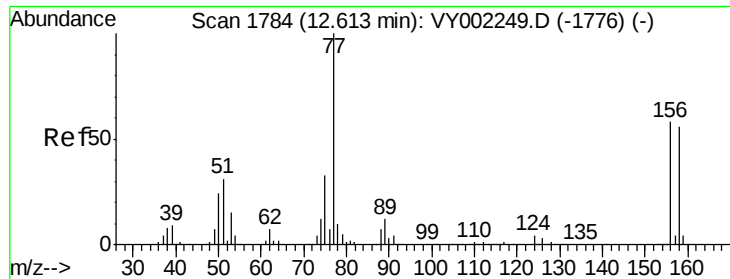
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 10.584 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

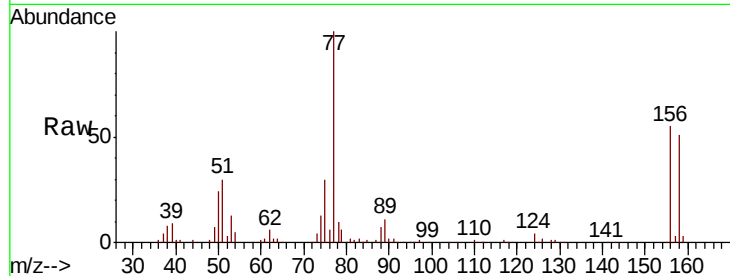
Tot Ion:156 Resp: 21278

Ion Ratio Lower Upper

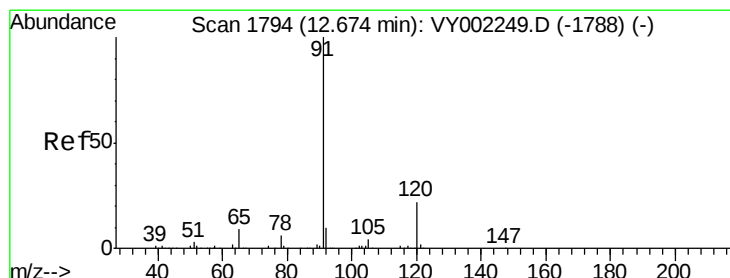
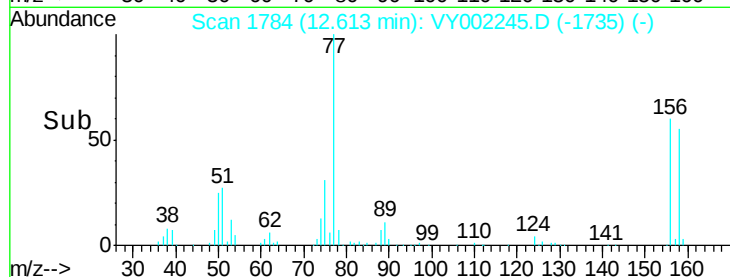
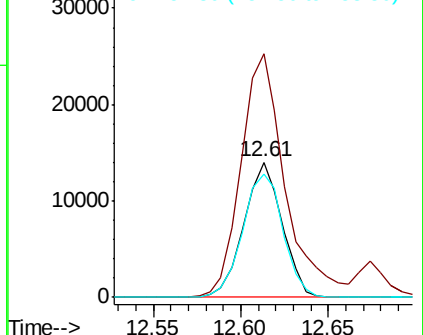
156 100

77 209.4 101.3 303.9

158 96.8 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: 10.608 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002245.D

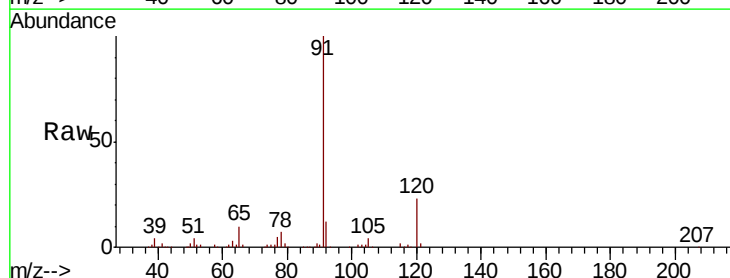
Acq: 08 Apr 2020 11:48

Tgt Ion: 91 Resp: 120551

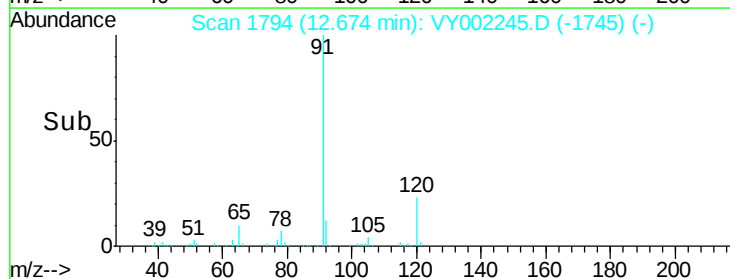
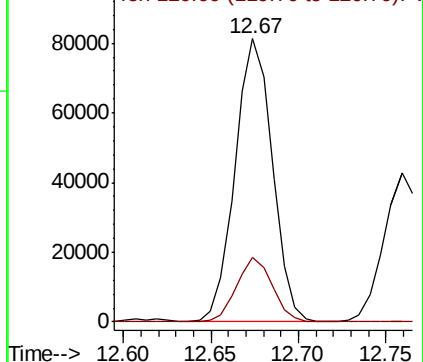
Ion Ratio Lower Upper

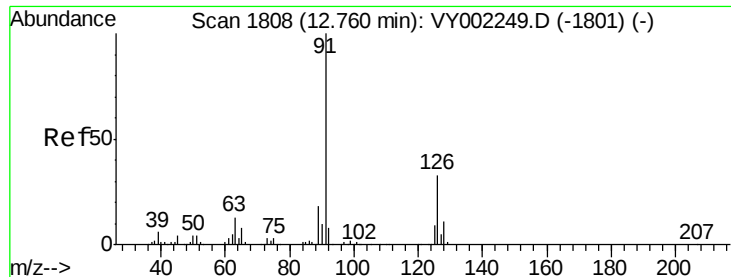
91 100

120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

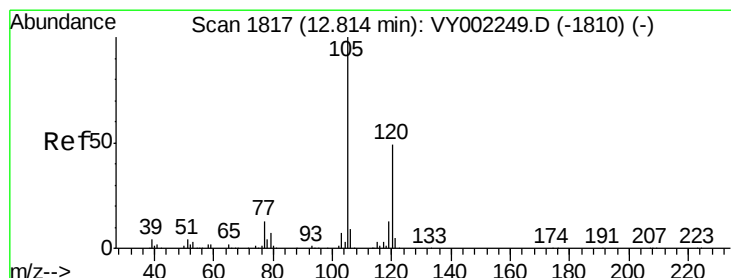
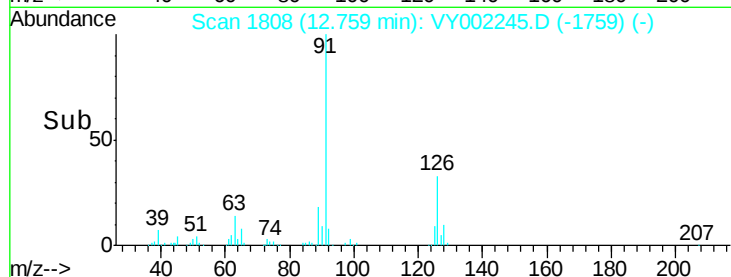
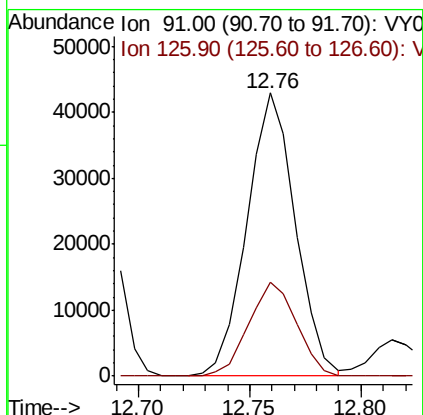
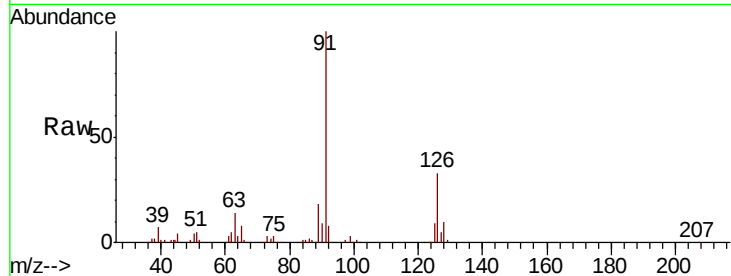




#79
 2-Chlorotoluene
 Concen: 10.463 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

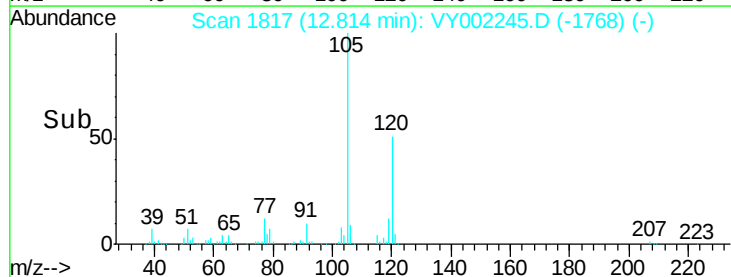
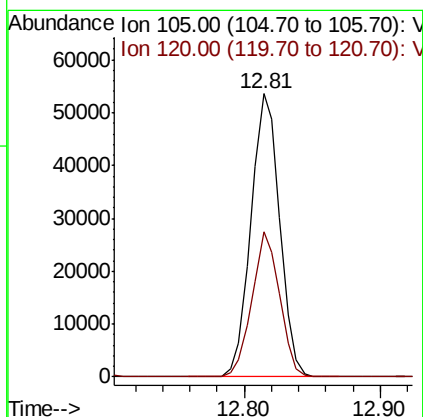
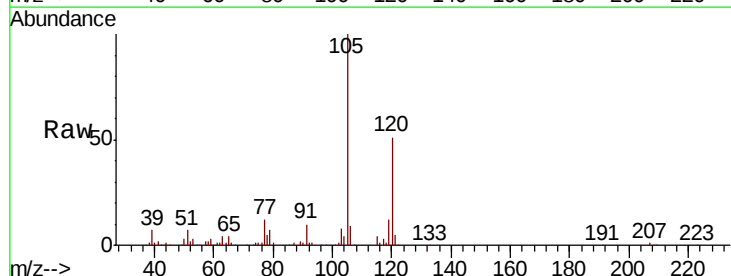
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

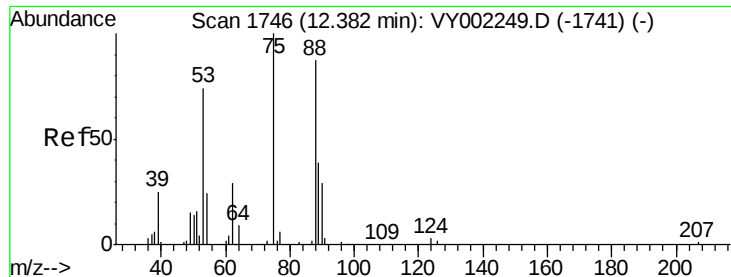
Tot Ion: 91 Resp: 64622
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 10.535 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 105 Resp: 79613
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 9.991 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

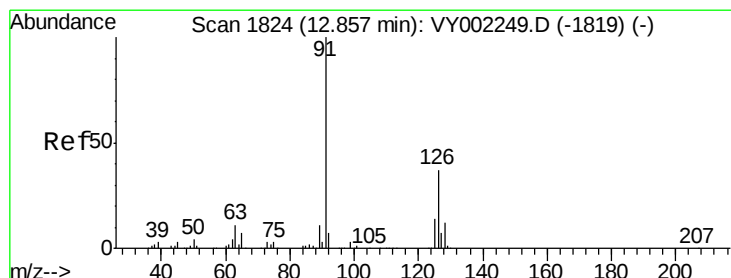
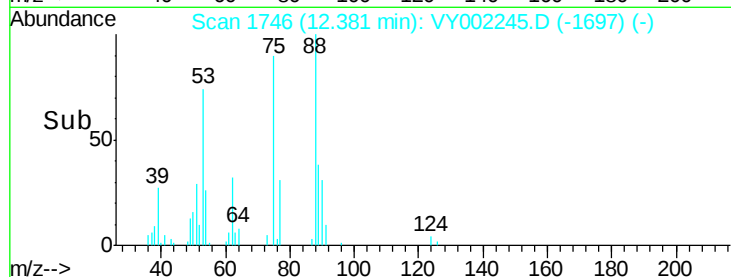
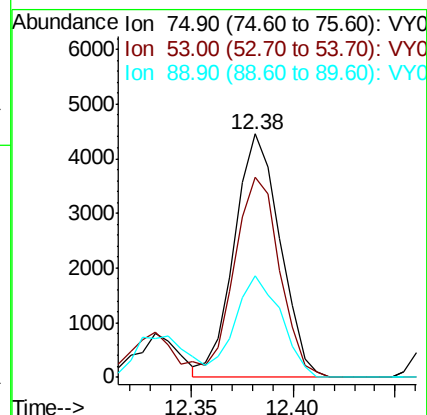
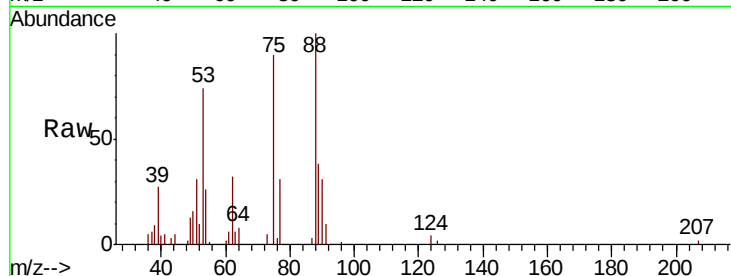
Tot Ion: 75 Resp: 6938

Ion Ratio Lower Upper

75 100

53 80.6 59.8 89.8

89 41.9 37.0 55.6



#82

4-Chlorotoluene

Concen: 10.609 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY002245.D

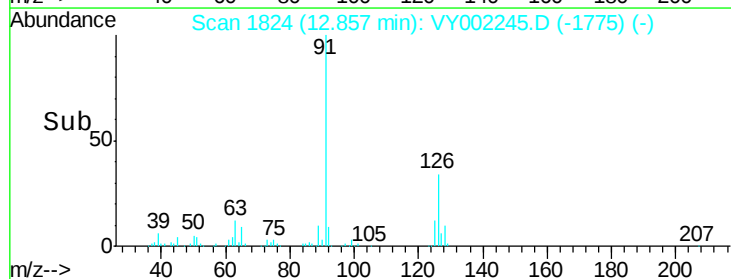
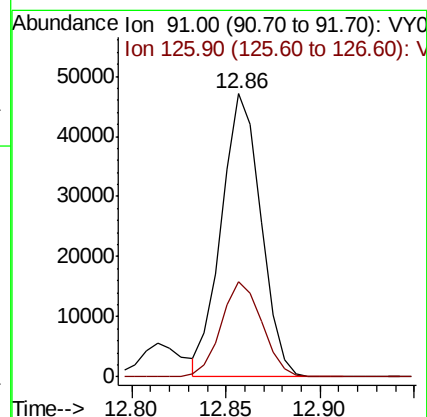
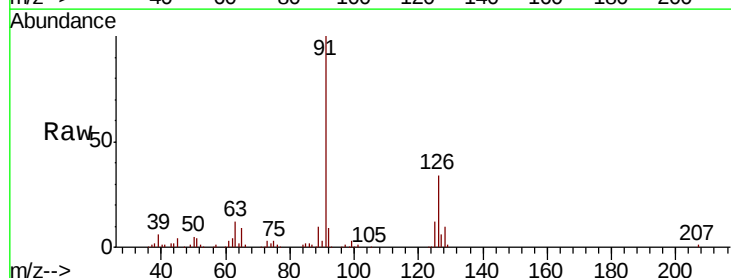
Acq: 08 Apr 2020 11:48

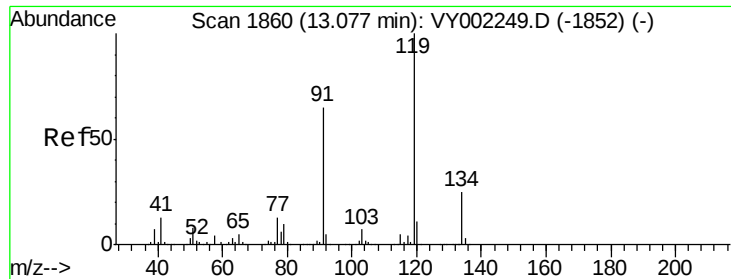
Tgt Ion: 91 Resp: 68672

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.7

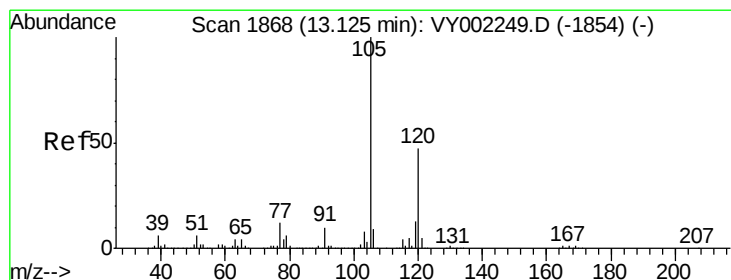
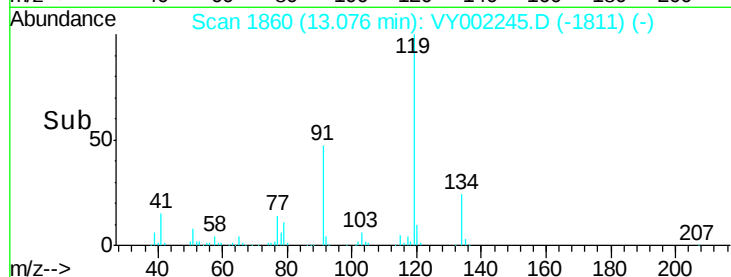
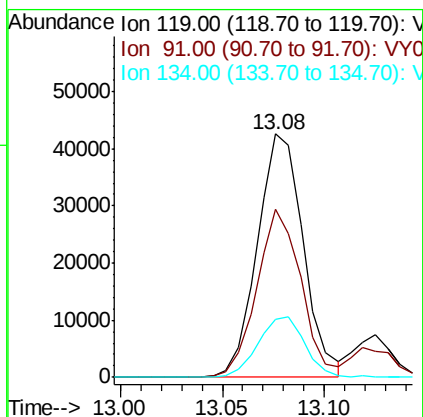
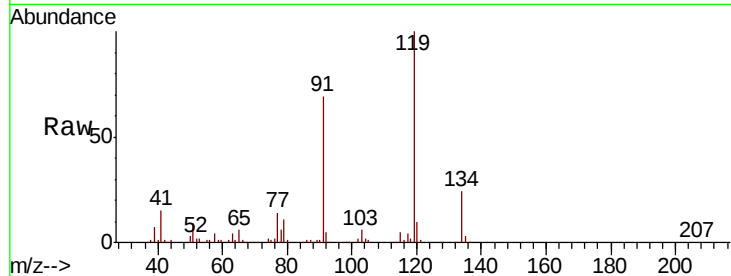




#83
 tert-Butylbenzene
 Concen: 10.558 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

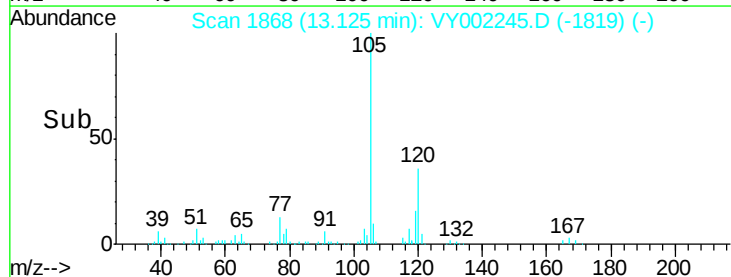
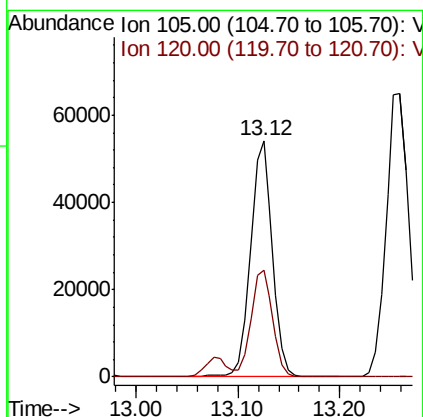
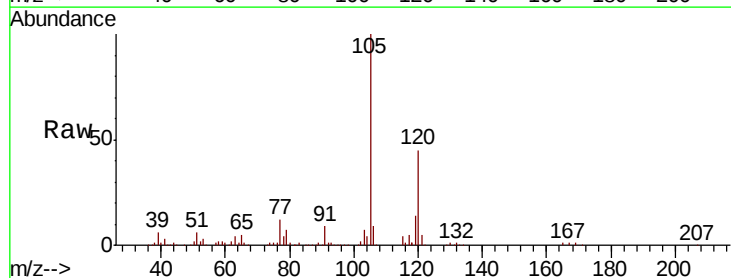
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion:119 Resp: 66834
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.4 97.0
 134 25.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 10.693 ug/l
 RT: 13.12 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion:105 Resp: 80696
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 10.684 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

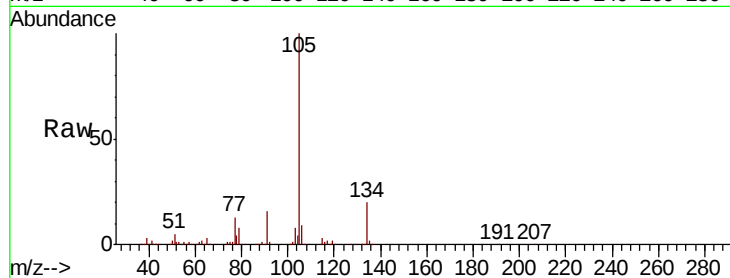
VSTDIC010

Tot Ion:105 Resp: 100743

Ion Ratio Lower Upper

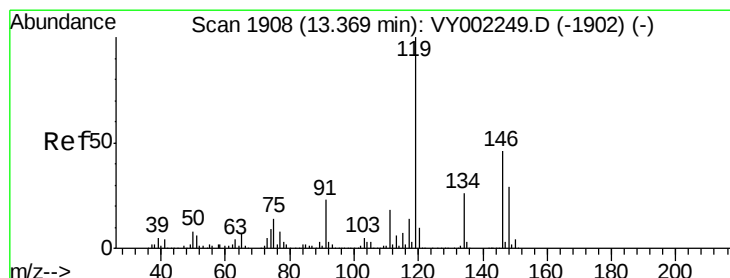
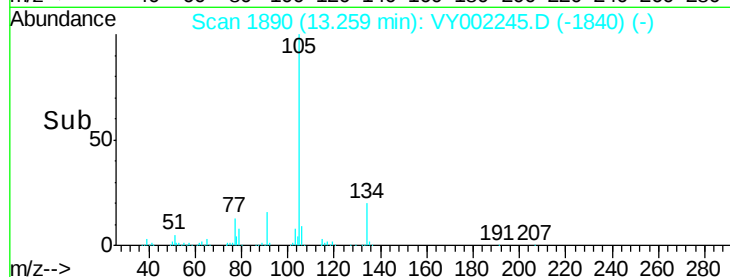
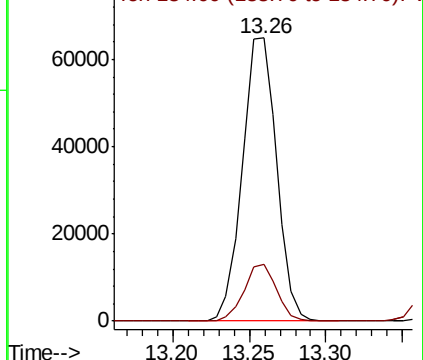
105 100

134 19.1 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.798 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

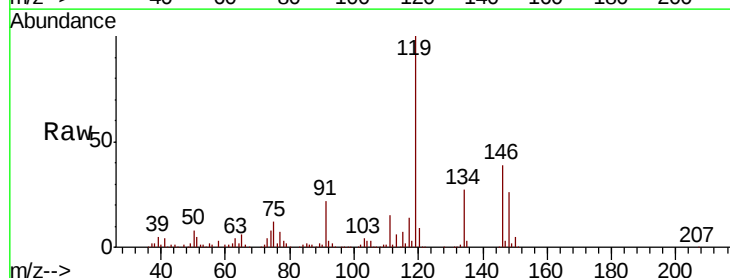
Tgt Ion:119 Resp: 87637

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

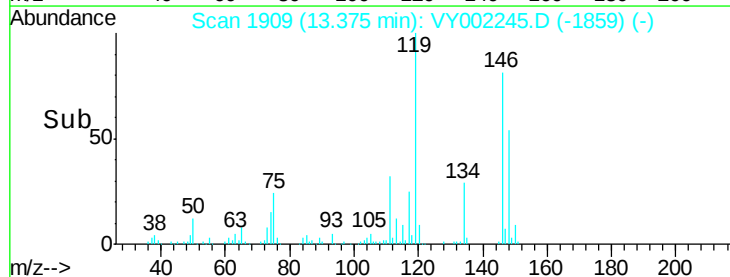
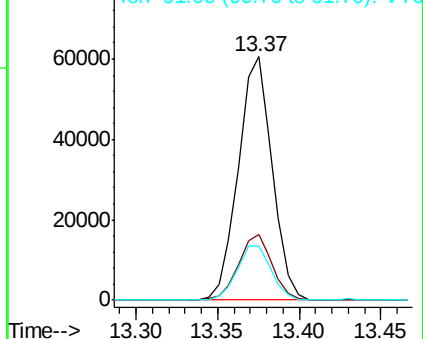
91 22.9 11.5 34.4

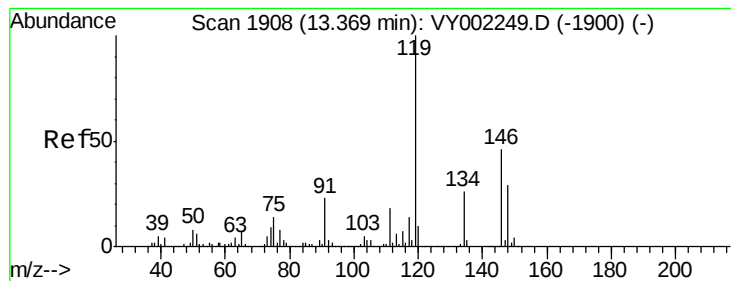


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 10.804 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

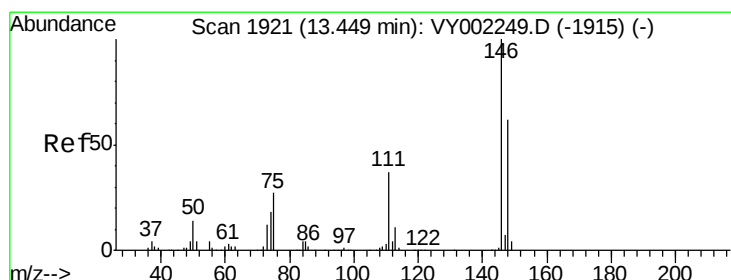
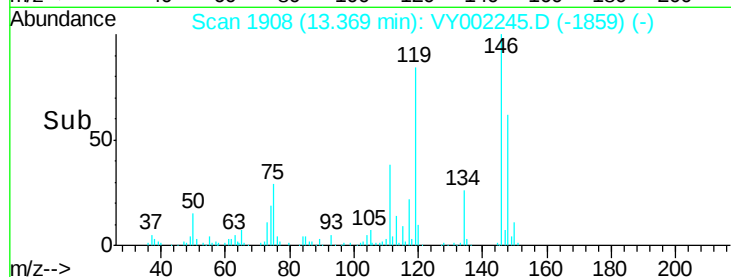
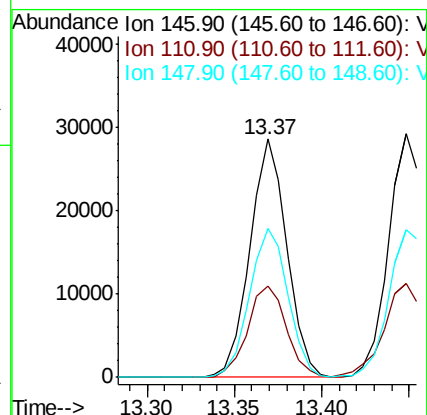
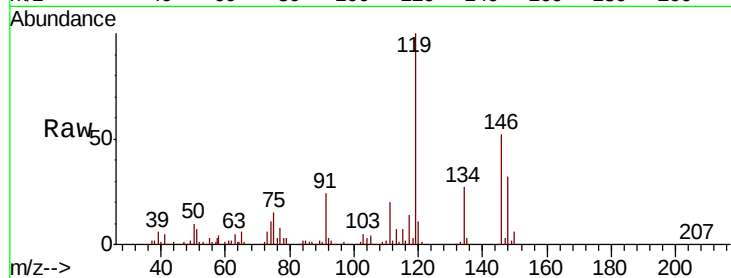
Tot Ion:146 Resp: 42095

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

148 65.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 11.001 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

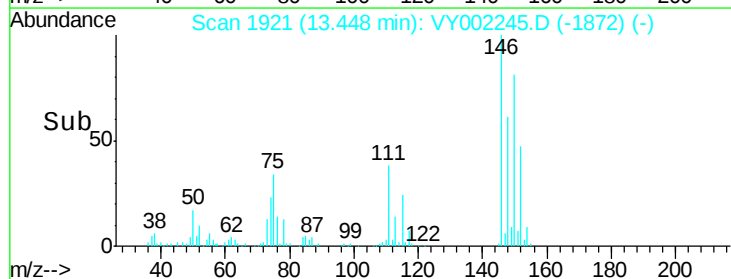
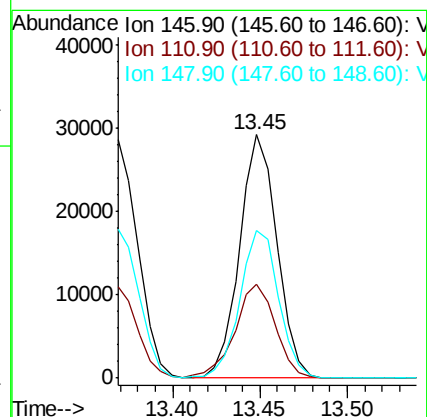
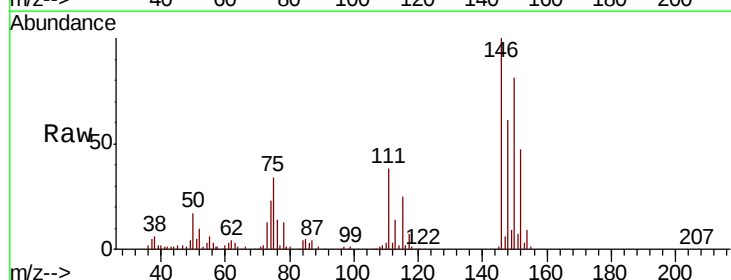
Tgt Ion:146 Resp: 43508

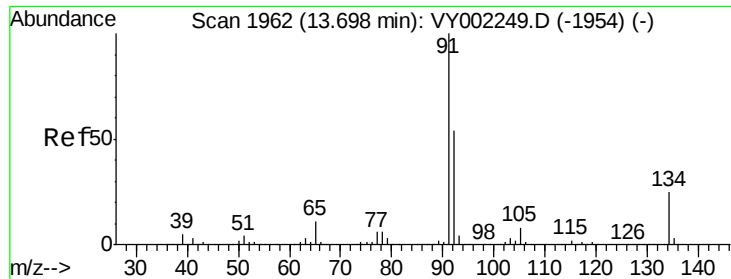
Ion Ratio Lower Upper

146 100

111 41.7 19.6 58.8

148 63.2 32.0 96.0

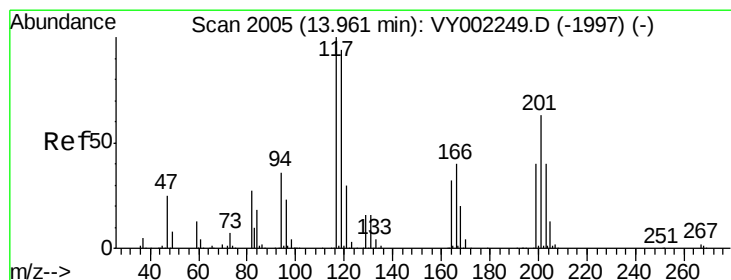
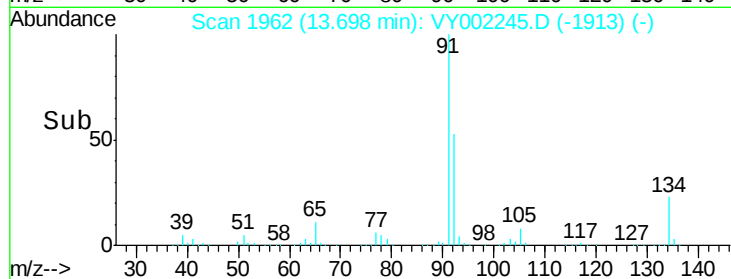
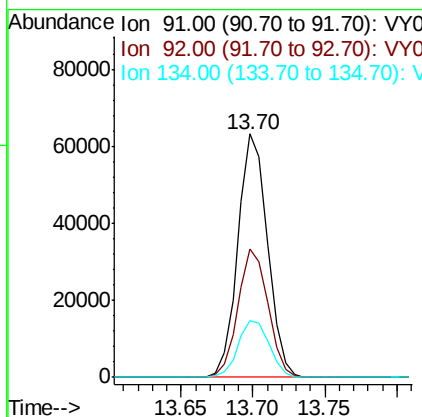
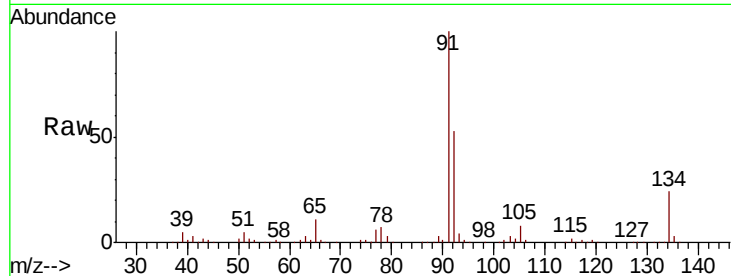




#89
n-Butylbenzene
Concen: 10.871 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

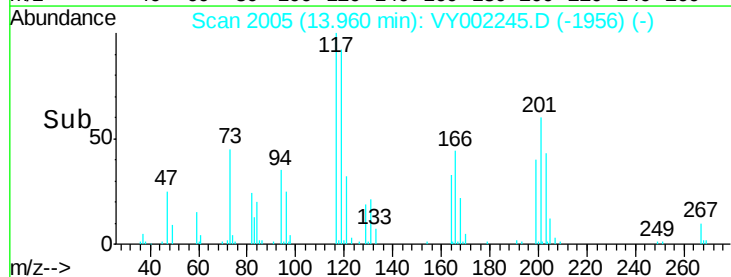
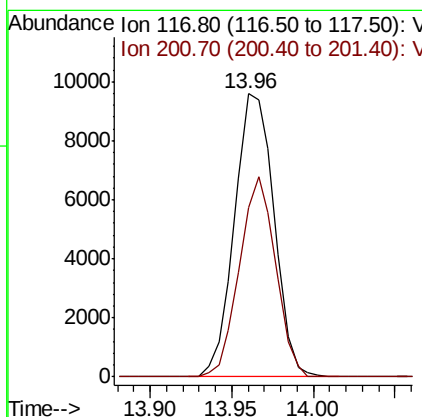
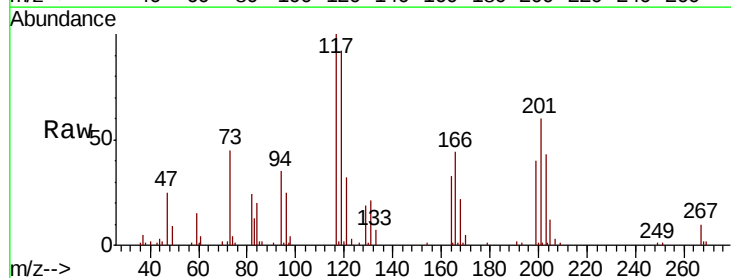
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

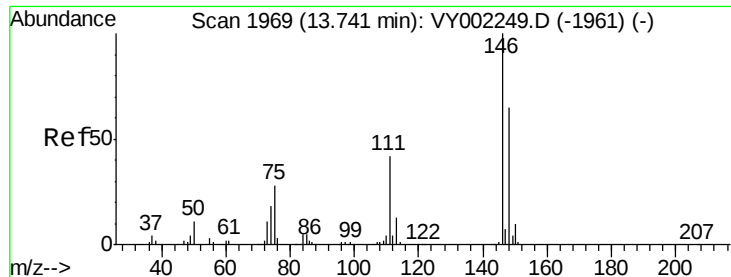
Tot Ion: 91 Resp: 90437
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.6
134 24.5 12.7 38.0



#90
Hexachloroethane
Concen: 10.463 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 117 Resp: 16181
Ion Ratio Lower Upper
117 100
201 64.7 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 10.737 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

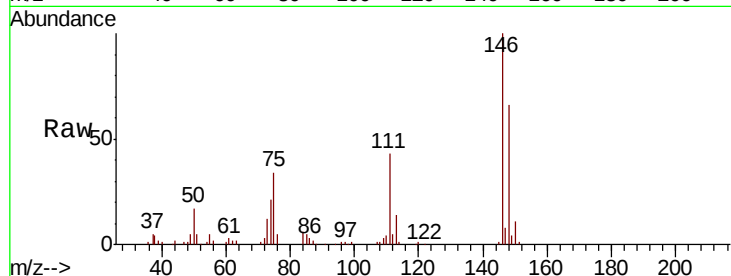
Tot Ion:146 Resp: 38013

Ion Ratio Lower Upper

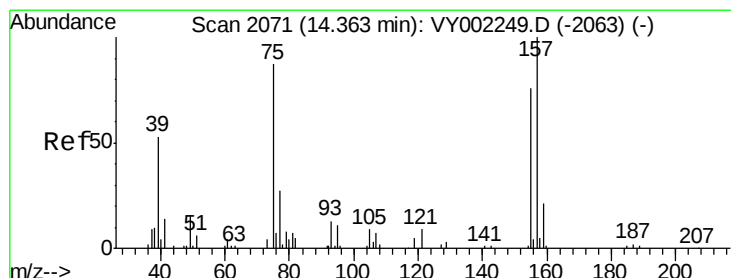
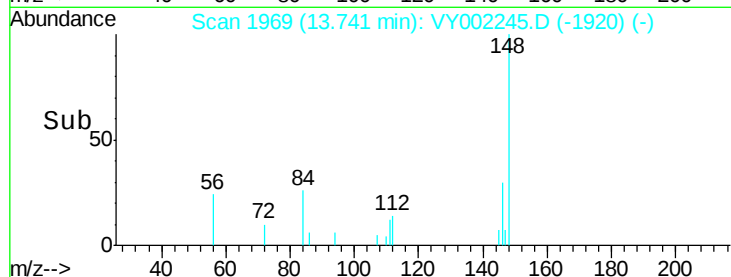
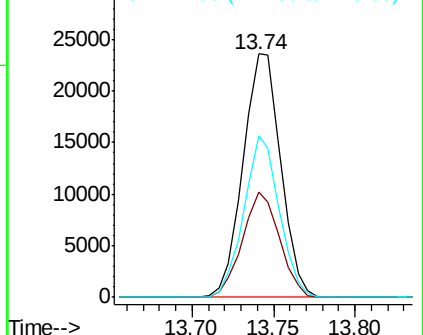
146 100

111 42.7 21.1 63.1

148 62.3 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: 9.885 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

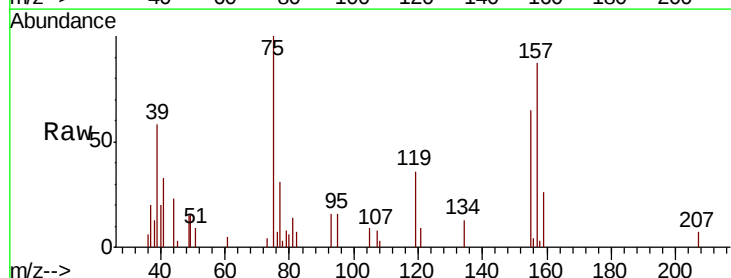
Tgt Ion: 75 Resp: 2643

Ion Ratio Lower Upper

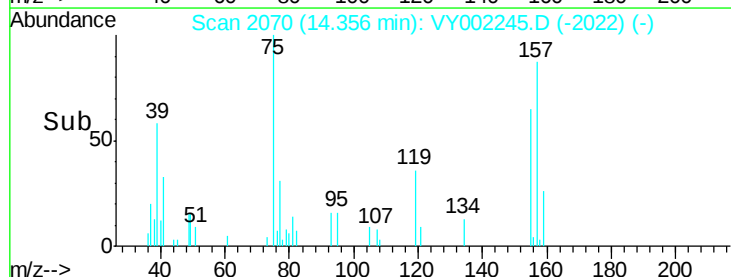
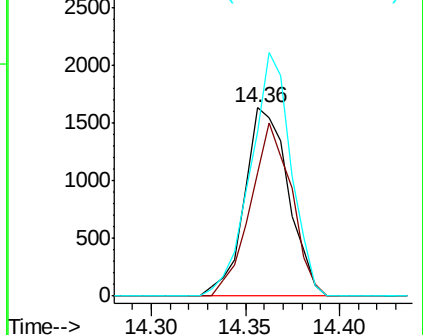
75 100

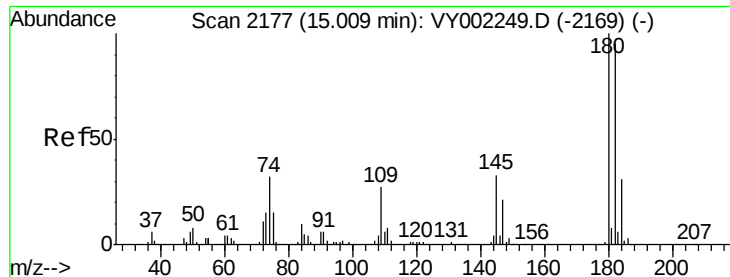
155 86.0 43.6 130.8

157 119.5 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

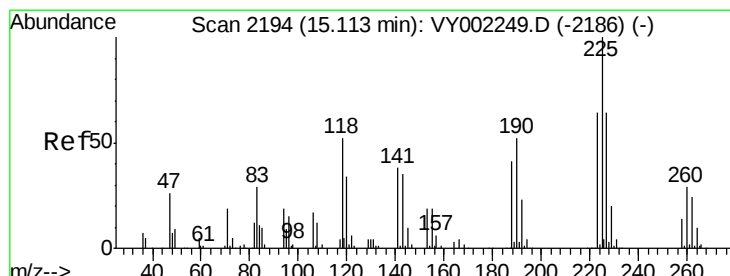
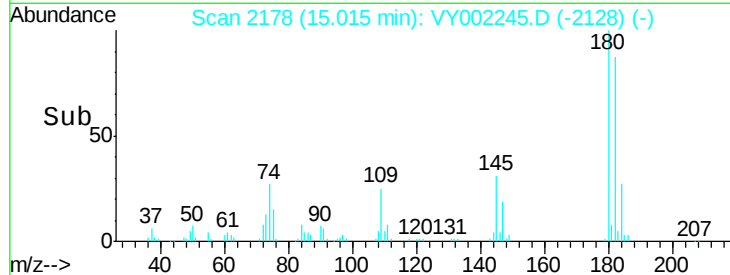
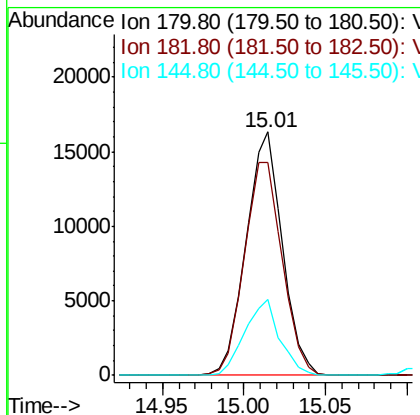
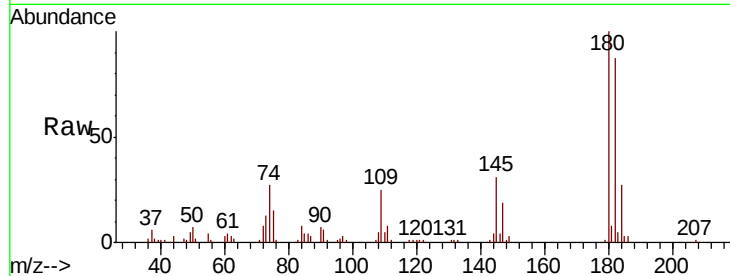




#93
 1,2,4-Trichlorobenzene
 Concen: 10.868 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

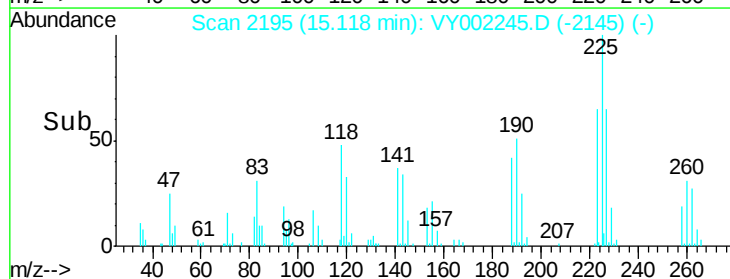
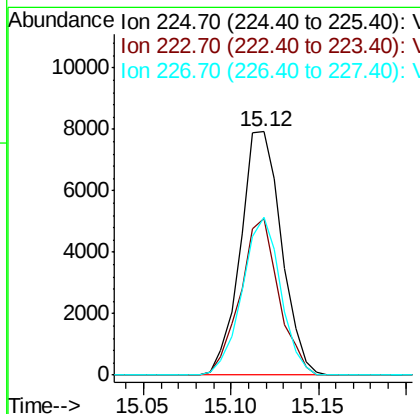
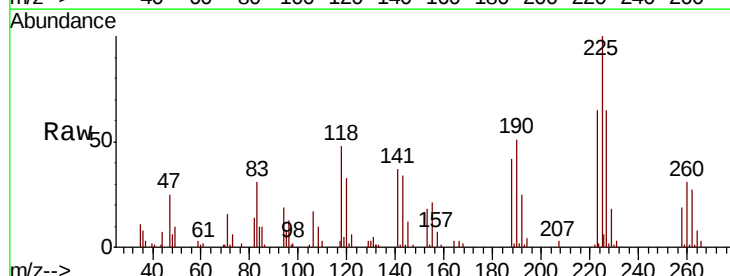
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

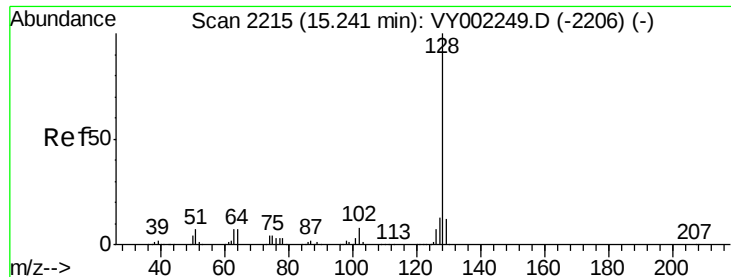
Tot Ion:180 Resp: 25149
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.9 143.7
 145 30.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 11.068 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion:225 Resp: 12900
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.0 93.0
 227 60.9 31.3 93.9





#95

Naphthalene

Concen: 10.380 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

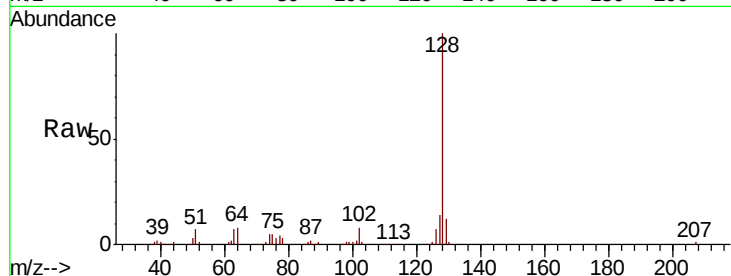
Tot Ion:128 Resp: 52593

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

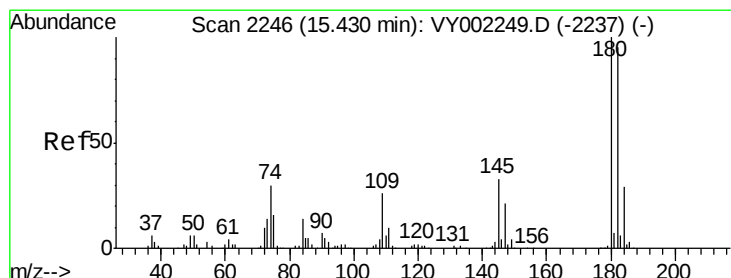
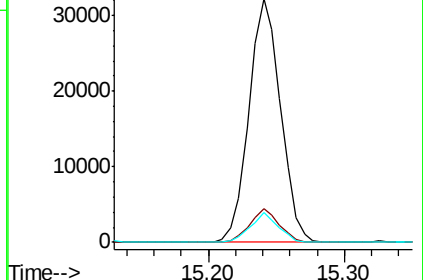
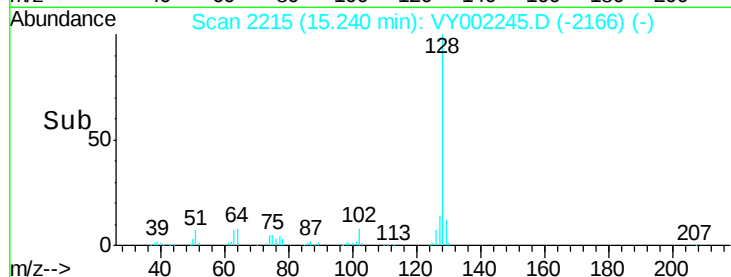
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.599 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

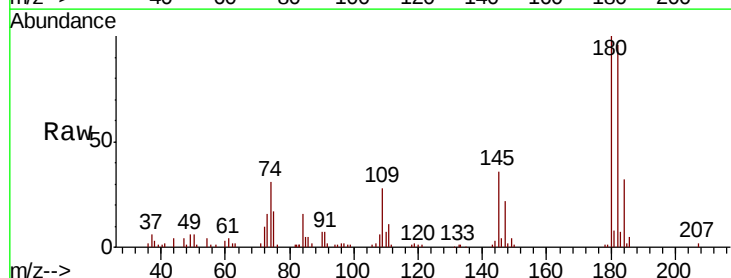
Tgt Ion:180 Resp: 21297

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 32.3 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

