

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002422.D
 Acq On : 20 Apr 2020 14:16
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 14:43:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	270304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	414454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	370135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	182778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94323	33.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.58%	
35) Dibromofluoromethane	7.74	113	107659	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
50) Toluene-d8	10.19	98	425876	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
62) 4-Bromofluorobenzene	12.49	95	139255	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	97353	37.469	ug/l 100
3) Chloromethane	2.12	50	112159	34.471	ug/l 100
4) Vinyl Chloride	2.26	62	126820	36.447	ug/l 100
5) Bromomethane	2.66	94	79746	37.131	ug/l 100
6) Chloroethane	2.80	64	71894	35.891	ug/l 100
7) Trichlorofluoromethane	3.14	101	183608	40.028	ug/l 100
8) Diethyl Ether	3.55	74	74617	38.645	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	122639	39.519	ug/l 100
10) Methyl Iodide	4.11	142	180574	48.524	ug/l 100
11) Tert butyl alcohol	4.98	59	52856	139.755	ug/l 100
12) 1,1-Dichloroethene	3.89	96	128479	40.587	ug/l 100
13) Acrolein	3.75	56	66690	180.891	ug/l 100
14) Allyl chloride	4.50	41	155788	31.658	ug/l 100
15) Acrylonitrile	5.19	53	167593	172.131	ug/l 100
16) Acetone	3.97	43	139662	186.257	ug/l 100
17) Carbon Disulfide	4.21	76	395426	38.043	ug/l 100
18) Methyl Acetate	4.50	43	71831	31.223	ug/l 100
19) Methyl tert-butyl Ether	5.25	73	301511	36.878	ug/l 100
20) Methylene Chloride	4.74	84	137884	36.683	ug/l 100
21) trans-1,2-Dichloroethene	5.25	96	138624	39.225	ug/l 100
22) Diisopropyl ether	6.14	45	305835	30.953	ug/l 100
23) Vinyl Acetate	6.08	43	1001605	158.617	ug/l 100
24) 1,1-Dichloroethane	6.05	63	198201	34.696	ug/l 100
25) 2-Butanone	7.01	43	187562	159.458	ug/l 100
26) 2,2-Dichloropropane	7.01	77	170567	35.364	ug/l 100
27) cis-1,2-Dichloroethene	7.01	96	149733	38.935	ug/l 100
28) Bromochloromethane	7.35	49	72067	29.847	ug/l 100
29) Tetrahydrofuran	7.36	42	119143	153.686	ug/l 100
30) Chloroform	7.53	83	201942	37.127	ug/l 100
31) Cyclohexane	7.80	56	188091	31.556	ug/l 100
32) 1,1,1-Trichloroethane	7.72	97	179459	39.447	ug/l 100
36) 1,1-Dichloropropene	7.94	75	165373	41.628	ug/l 100
37) Ethyl Acetate	7.10	43	78673	35.346	ug/l 100
38) Carbon Tetrachloride	7.92	117	168583	48.304	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	228204	42.110	ug/l	100
40) Benzene	8.18	78	511047	42.286	ug/l	100
41) Methacrylonitrile	7.36	41	107047	81.829	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	120506	40.461	ug/l	100
43) Isopropyl Acetate	8.29	43	144213	35.594	ug/l	100
44) Trichloroethene	8.95	130	174053	47.770	ug/l	100
45) 1,2-Dichloropropane	9.23	63	114639	38.741	ug/l	100
46) Dibromomethane	9.32	93	69199	43.909	ug/l	100
47) Bromodichloromethane	9.51	83	155985	43.246	ug/l	100
48) Methyl methacrylate	9.30	41	66736	36.681	ug/l	100
49) 1,4-Dioxane	9.31	88	20422	911.395	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	380396	179.458	ug/l	100
52) Toluene	10.25	92	321401	43.899	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168193	42.996	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	200307	42.623	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	101922	44.101	ug/l	100
56) Ethyl methacrylate	10.52	69	134165	41.287	ug/l	100
57) 1,3-Dichloropropane	10.80	76	166179	41.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	331933	196.871	ug/l	100
59) 2-Hexanone	10.84	43	269327	183.212	ug/l	100
60) Dibromochloromethane	10.99	129	124904	49.716	ug/l	100
61) 1,2-Dibromoethane	11.10	107	100236	45.286	ug/l	100
64) Tetrachloroethene	10.73	164	196999	51.957	ug/l	100
65) Chlorobenzene	11.52	112	352341	46.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	125125	49.322	ug/l	100
67) Ethyl Benzene	11.60	91	605429	43.838	ug/l	100
68) m/p-Xylenes	11.71	106	470325	90.339	ug/l	100
69) o-Xylene	12.03	106	221954	45.411	ug/l	100
70) Styrene	12.05	104	384980	45.465	ug/l	100
71) Bromoform	12.22	173	77757	55.264	ug/l #	100
73) Isopropylbenzene	12.34	105	592597	42.412	ug/l	100
74) N-amyl acetate	12.15	43	130946	33.935	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	71827	42.415	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	146083	71.881	ug/l #	100
77) Bromobenzene	12.61	156	149246	47.537	ug/l	100
78) n-propylbenzene	12.68	91	692014	40.068	ug/l	100
79) 2-Chlorotoluene	12.77	91	377111	40.155	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	485009	42.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41677	39.799	ug/l	100
82) 4-Chlorotoluene	12.86	91	396389	40.271	ug/l #	100
83) tert-Butylbenzene	13.08	119	421503	43.410	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	485291	42.057	ug/l	100
85) sec-Butylbenzene	13.26	105	605002	41.931	ug/l	100
86) p-Isopropyltoluene	13.38	119	548273	43.901	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	275676	45.552	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	277954	45.189	ug/l	100
89) n-Butylbenzene	13.70	91	508217	40.165	ug/l	100
90) Hexachloroethane	13.97	117	102144	43.004	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	252769	45.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16154	39.752	ug/l	100

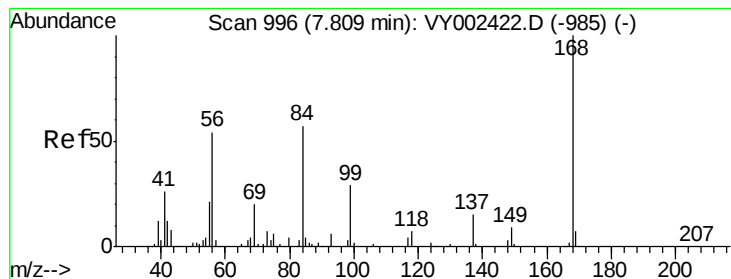
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	178987	48.905	ug/l	100
94) Hexachlorobutadiene	15.12	225	98685	52.908	ug/l	100
95) Naphthalene	15.25	128	355051	45.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	156746	49.345	ug/l	100

(#) = 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. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

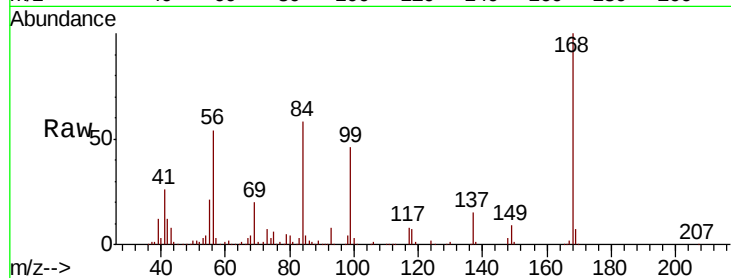
ClientSampleId :

Tot Ion:168 Resp: 270304

Ion Ratio Lower Upper

168 100

99 46.2 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

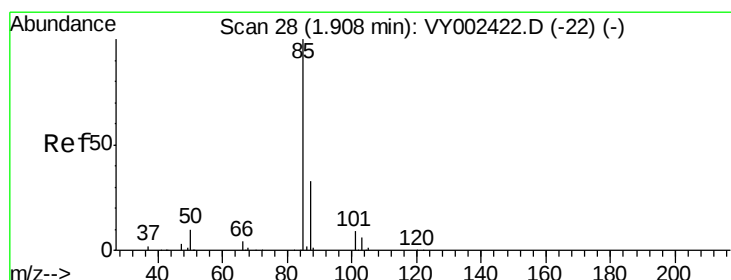
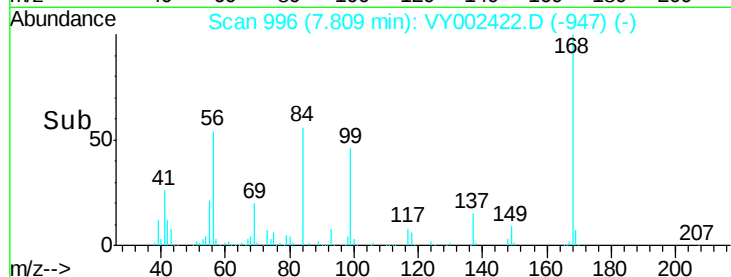
7.81

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 37.469 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002422.D

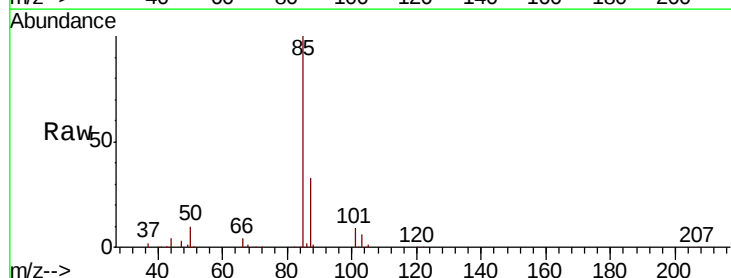
Acq: 20 Apr 2020 14:16

Tgt Ion: 85 Resp: 97353

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002422.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002422.D (-22) (-)

1.91

80000

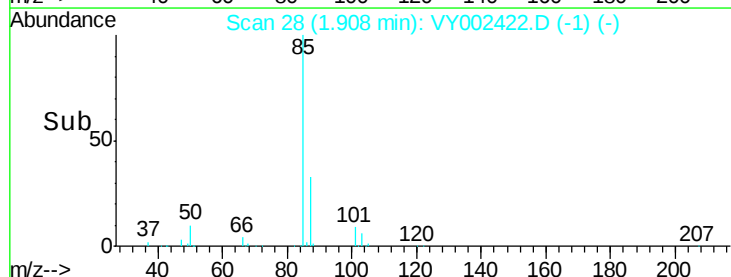
60000

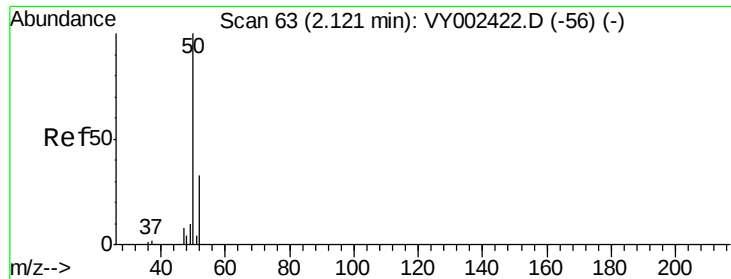
40000

20000

0

Time-->





#3

Chloromethane

Concen: 34.471 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

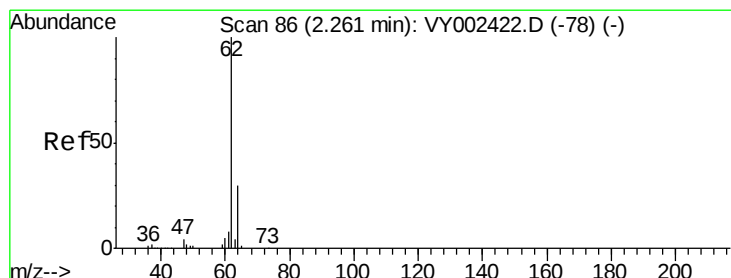
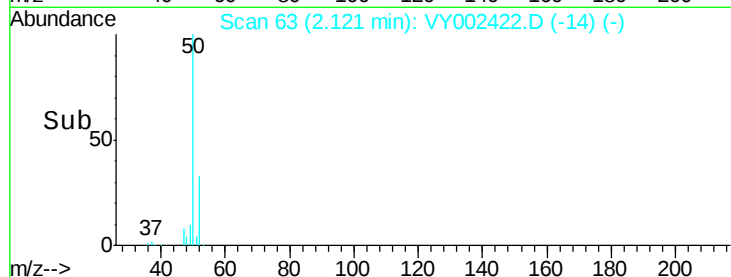
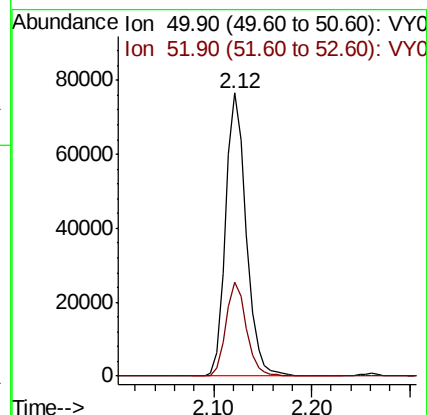
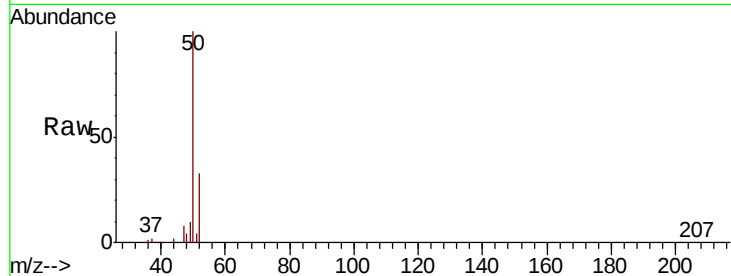
ClientSampleId :

Tot Ion: 50 Resp: 112159

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 36.447 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002422.D

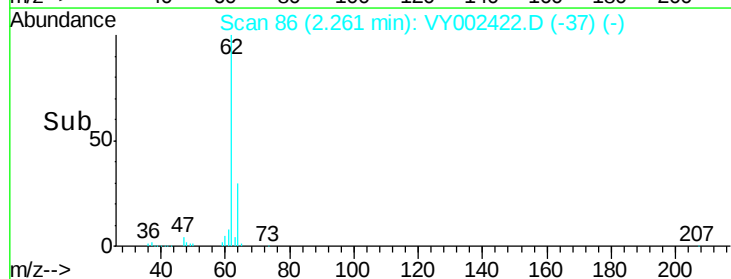
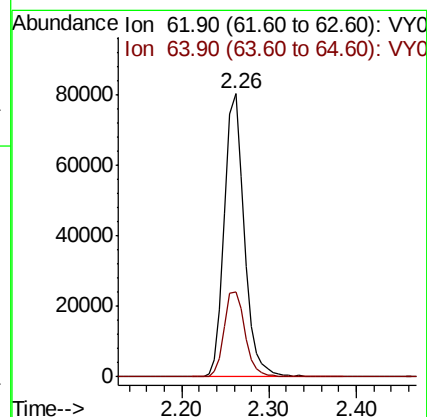
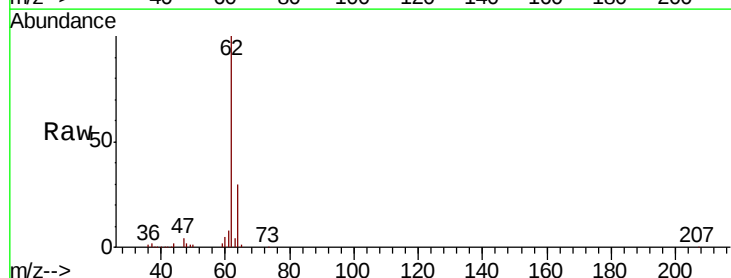
Acq: 20 Apr 2020 14:16

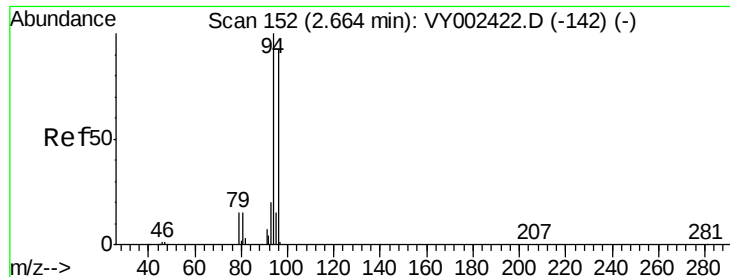
Tgt Ion: 62 Resp: 126820

Ion Ratio Lower Upper

62 100

64 30.1 24.1 36.1





#5

Bromomethane

Concen: 37.131 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

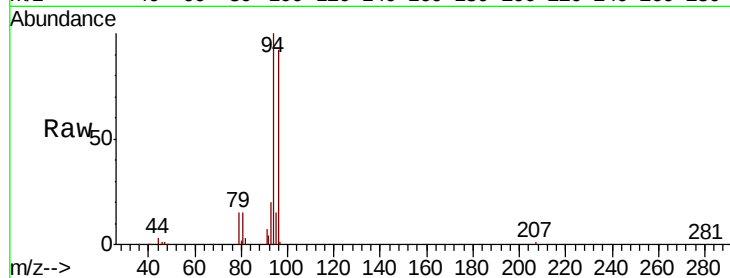
ClientSampleId :

Tot Ion: 94 Resp: 79746

Ion Ratio Lower Upper

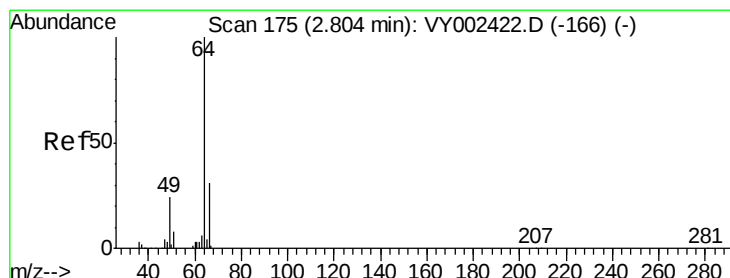
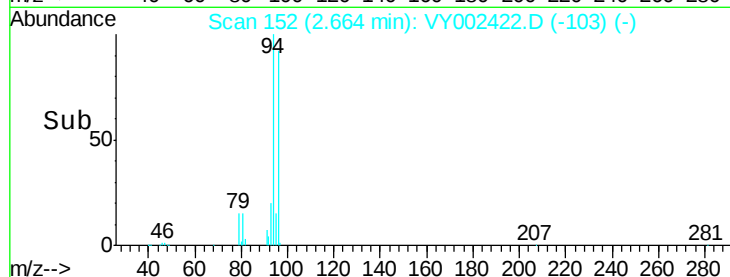
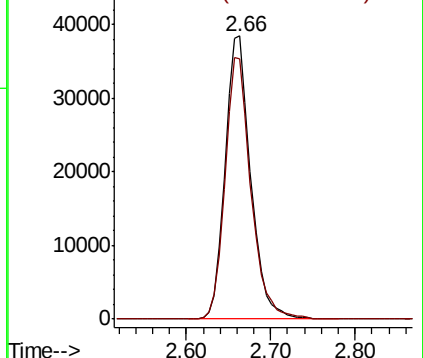
94 100

96 91.9 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 35.891 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002422.D

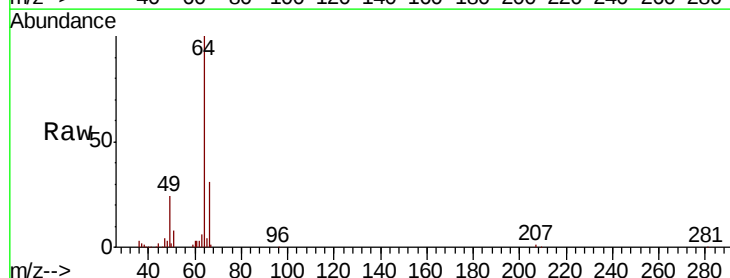
Acq: 20 Apr 2020 14:16

Tgt Ion: 64 Resp: 71894

Ion Ratio Lower Upper

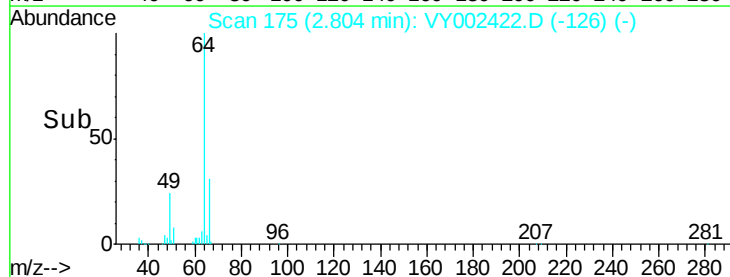
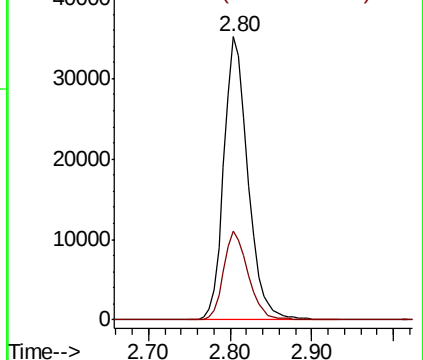
64 100

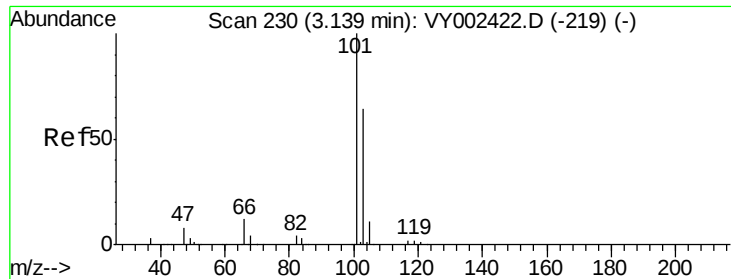
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



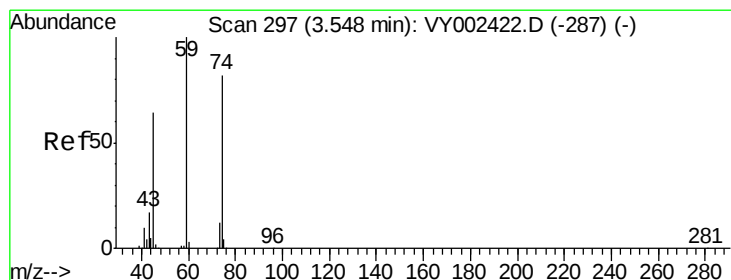
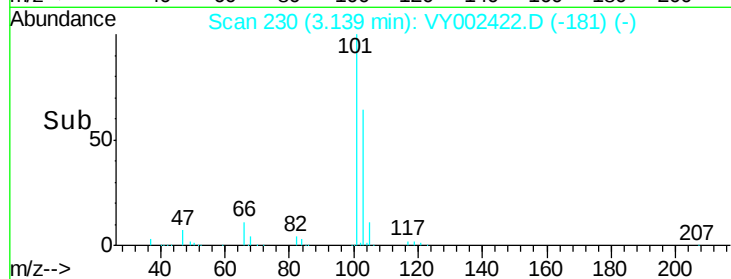
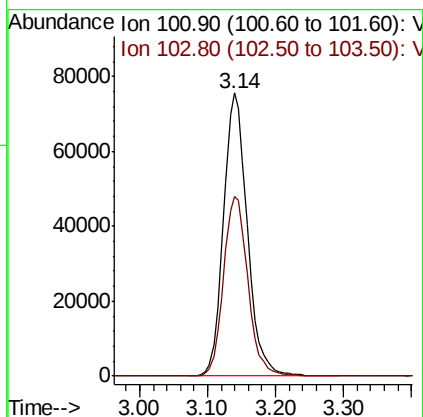
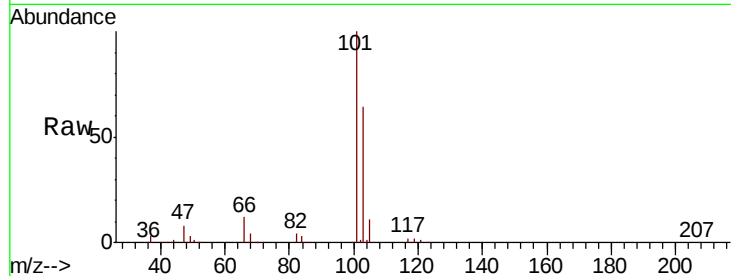


#7

Trichlorofluoromethane
 Concen: 40.028 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

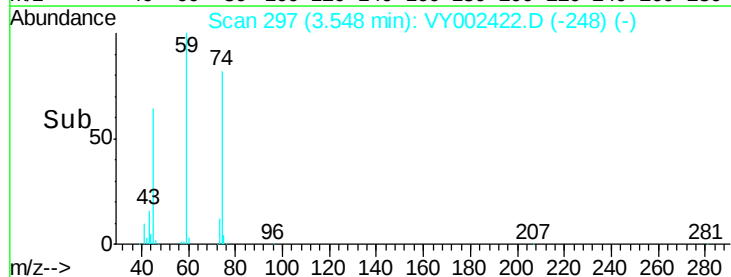
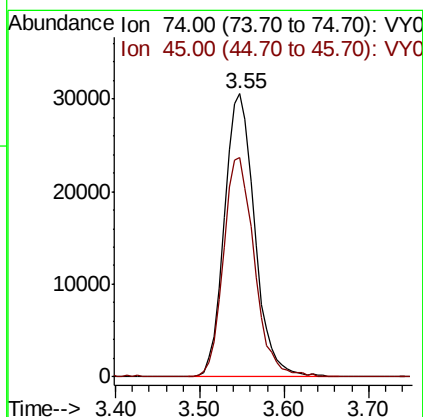
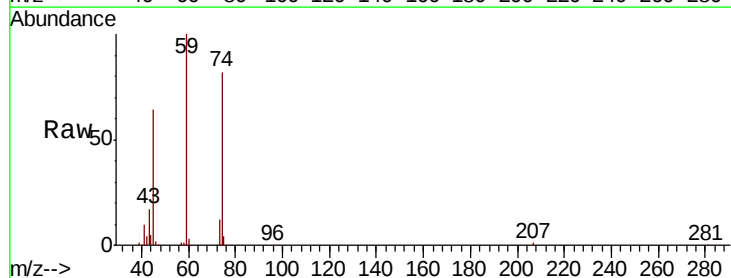
Tot Ion:101 Resp: 183608
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2

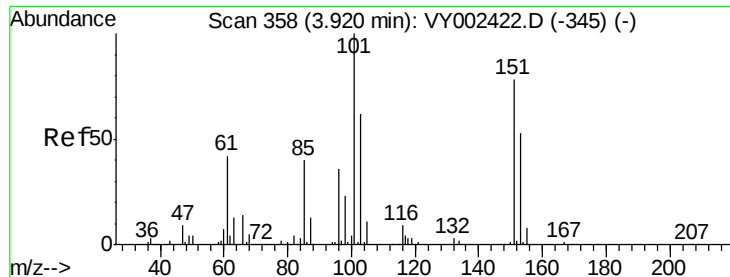


#8

Diethyl Ether
 Concen: 38.645 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 74 Resp: 74617
 Ion Ratio Lower Upper
 74 100
 45 79.0 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.519 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

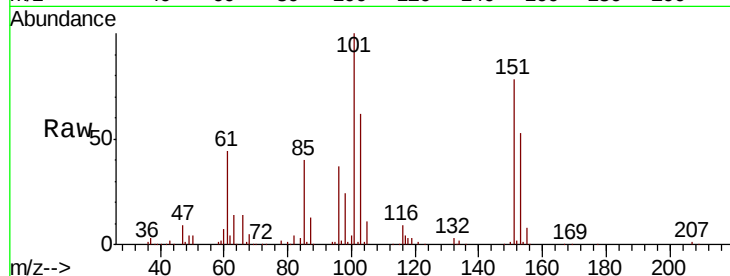
Tot Ion:101 Resp: 122639

Ion Ratio Lower Upper

101 100

85 40.3 32.2 48.4

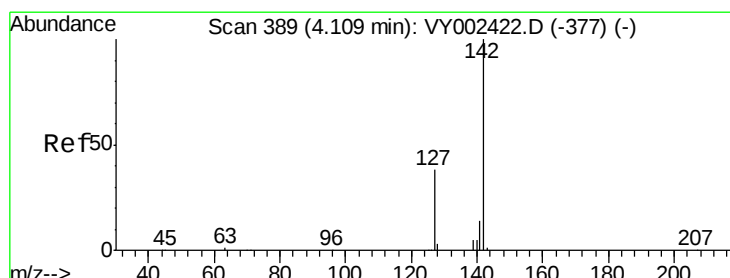
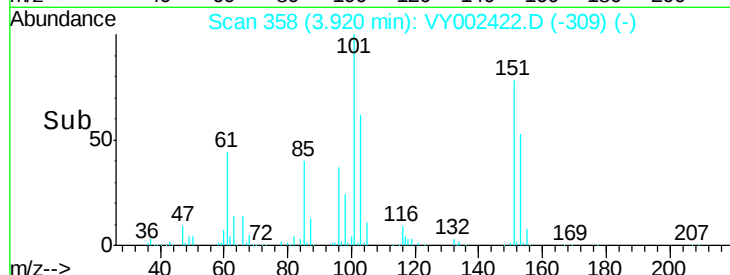
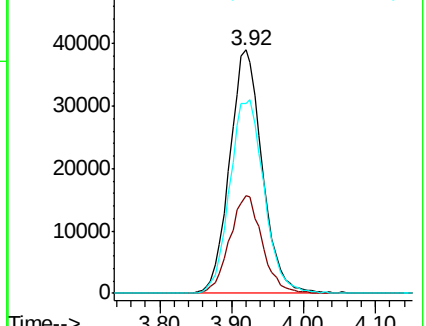
151 84.1 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.524 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

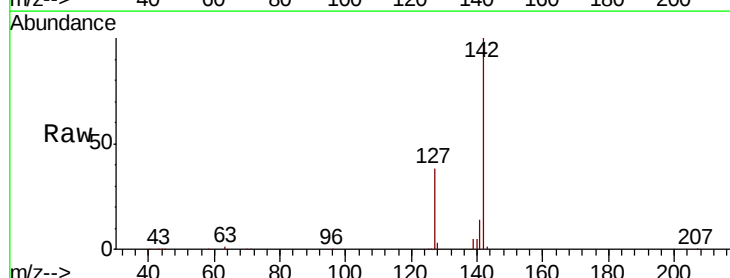
Tgt Ion:142 Resp: 180574

Ion Ratio Lower Upper

142 100

127 38.4 30.7 46.1

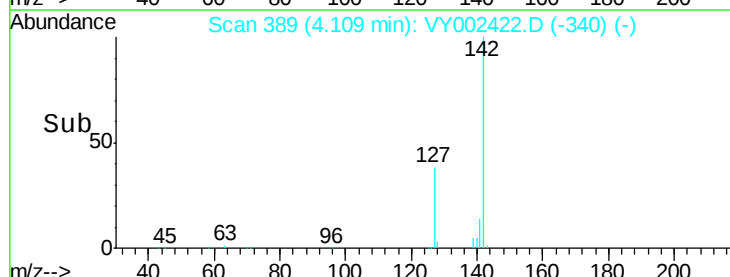
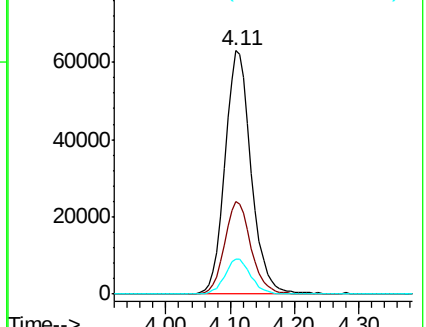
141 14.3 11.4 17.2

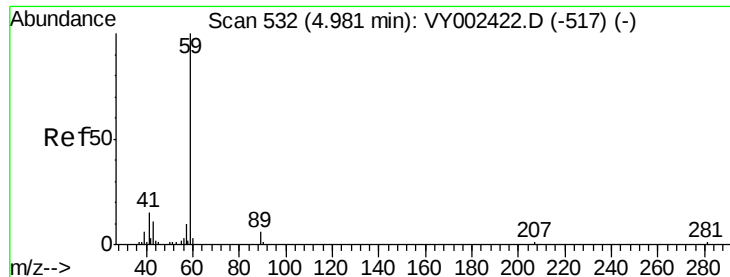


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



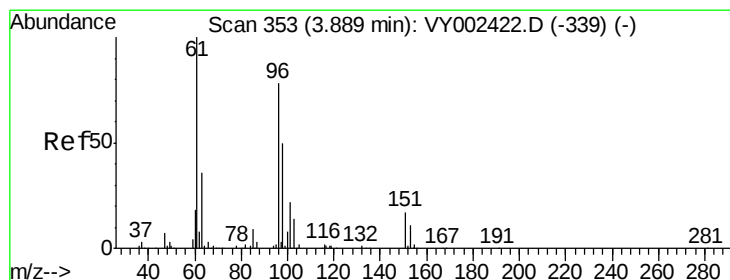
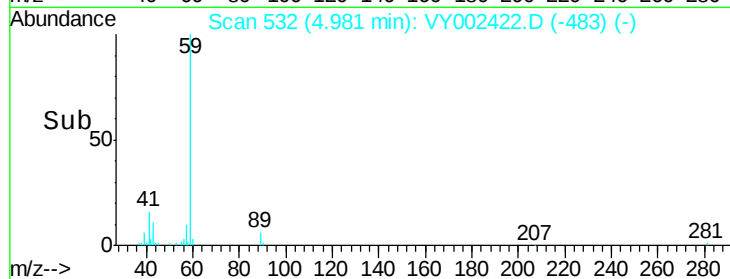
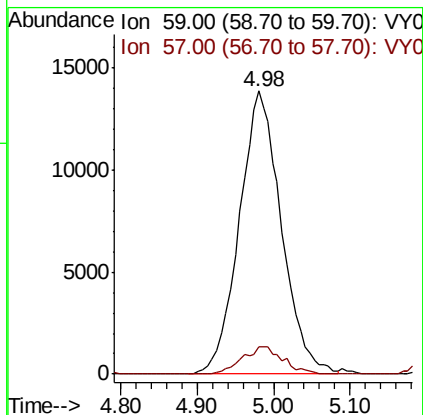
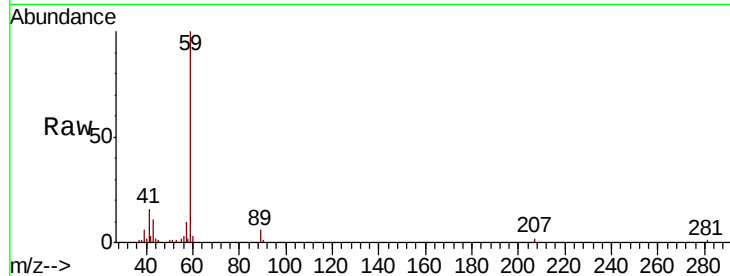


#11

Tert butyl alcohol
 Concen: 139.755 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

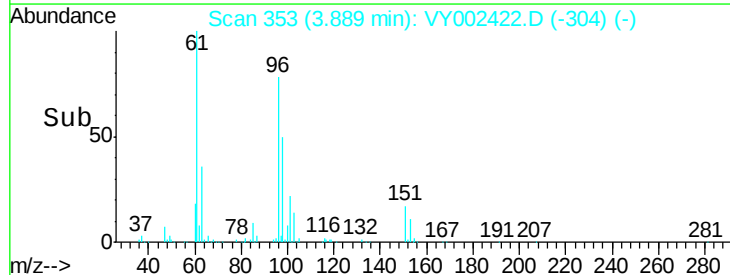
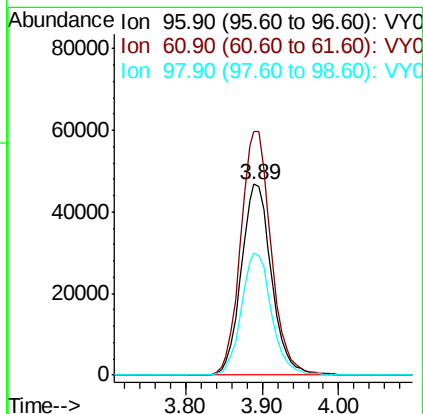
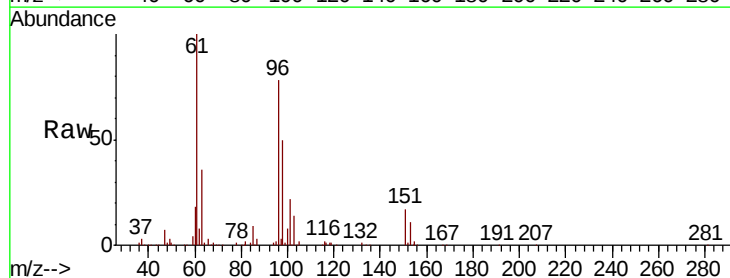
Tot Ion: 59 Resp: 52856
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.4 11.2

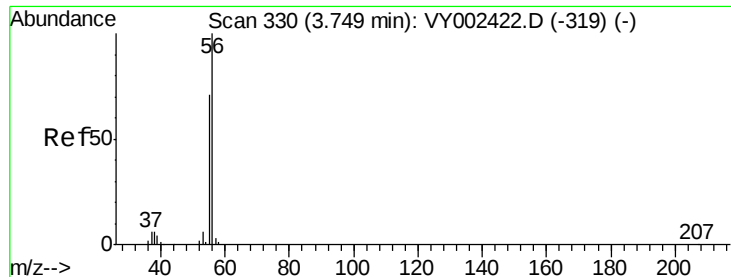


#12

1,1-Dichloroethene
 Concen: 40.587 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 96 Resp: 128479
 Ion Ratio Lower Upper
 96 100
 61 127.6 102.1 153.1
 98 64.1 51.3 76.9





#13

Acrolein

Concen: 180.891 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

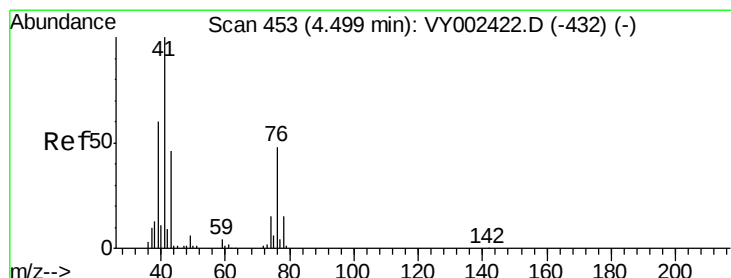
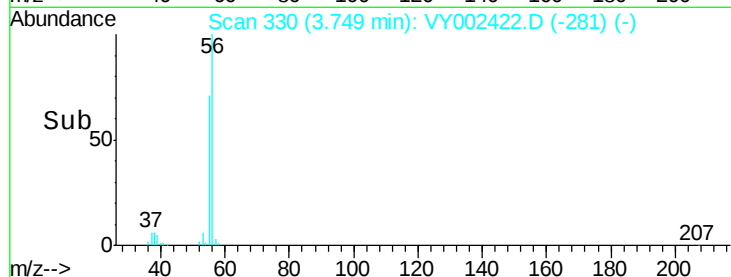
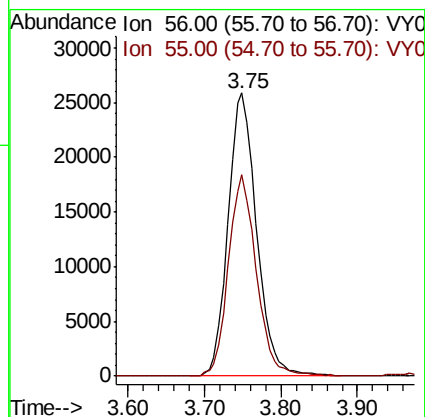
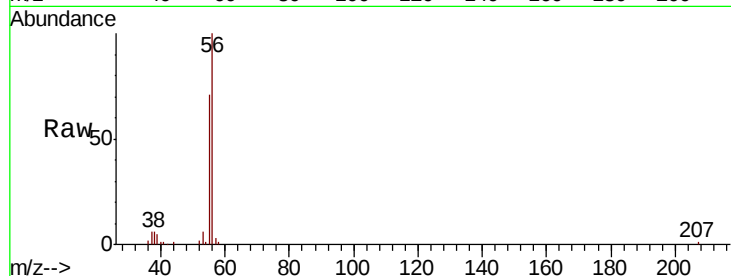
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 66690

Ion Ratio Lower Upper

56 100

55 69.9 55.9 83.9



#14

Allyl chloride

Concen: 31.658 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

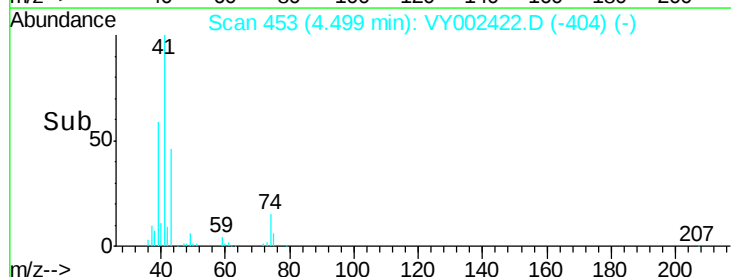
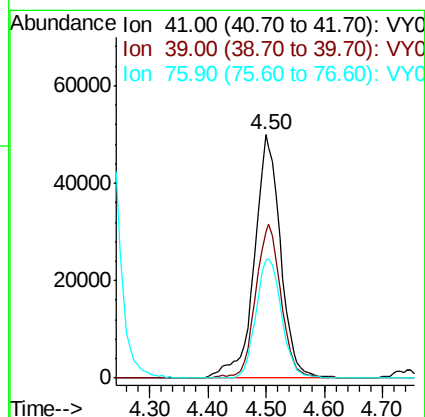
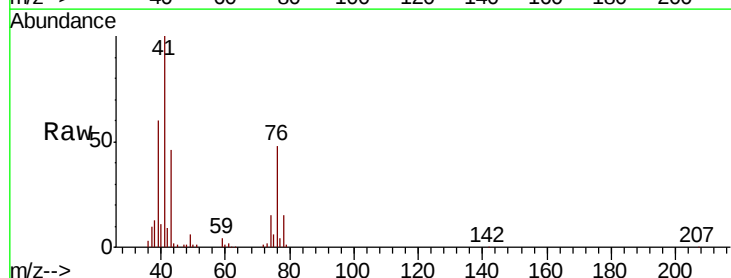
Tgt Ion: 41 Resp: 155788

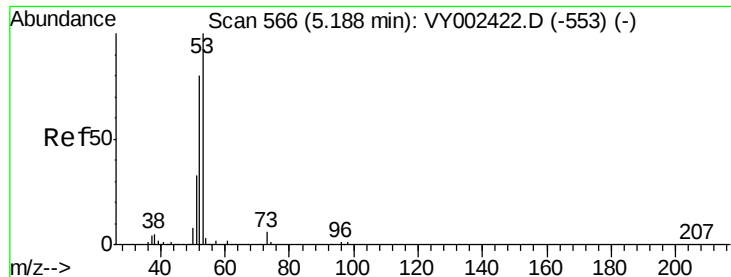
Ion Ratio Lower Upper

41 100

39 61.4 49.1 73.7

76 48.2 38.6 57.8





#15

Acrylonitrile

Concen: 172.131 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

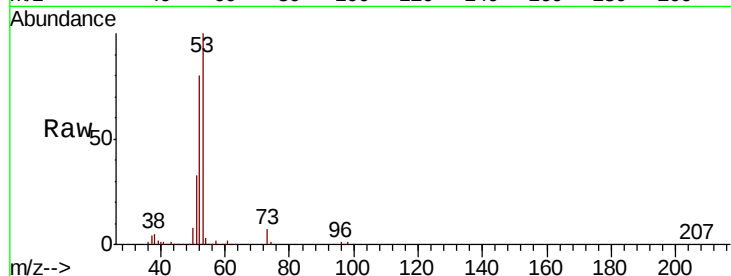
Tot Ion: 53 Resp: 167593

Ion Ratio Lower Upper

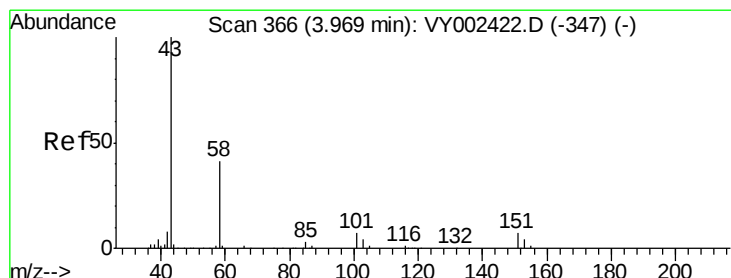
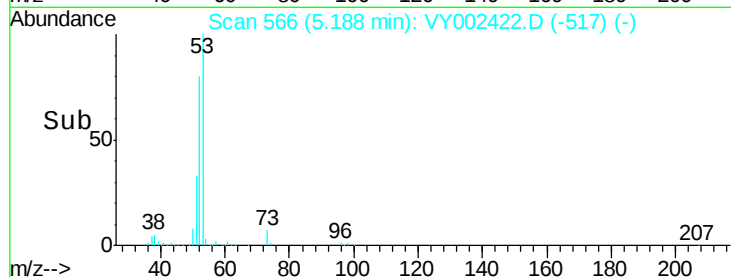
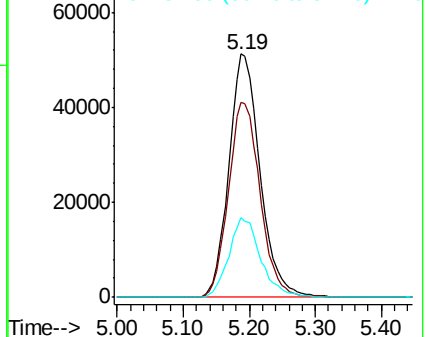
53 100

52 81.4 65.1 97.7

51 33.5 26.8 40.2



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



#16

Acetone

Concen: 186.257 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002422.D

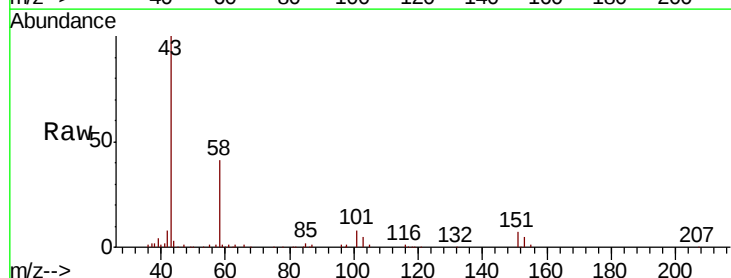
Acq: 20 Apr 2020 14:16

Tgt Ion: 43 Resp: 139662

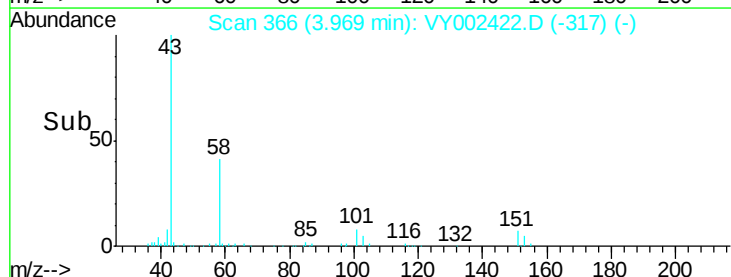
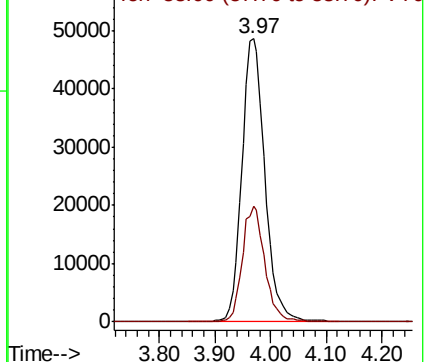
Ion Ratio Lower Upper

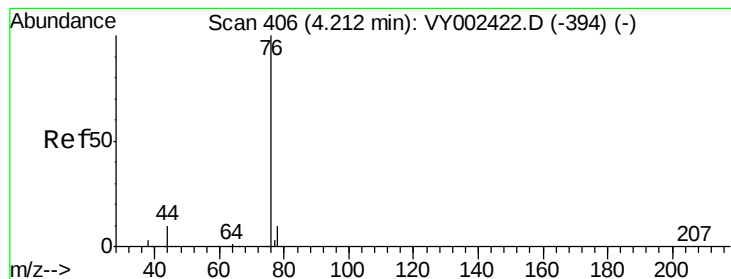
43 100

58 40.7 32.6 48.8



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





#17

Carbon Disulfide

Concen: 38.043 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

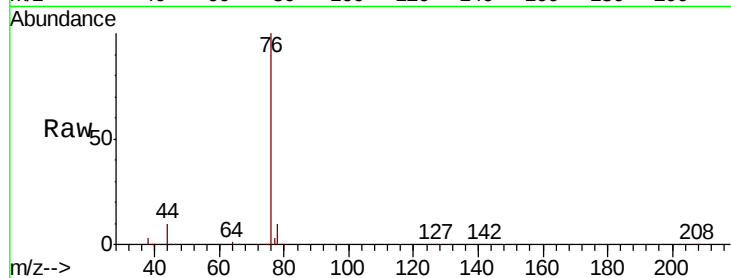
ClientSampleId :

Tot Ion: 76 Resp: 395426

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

150000

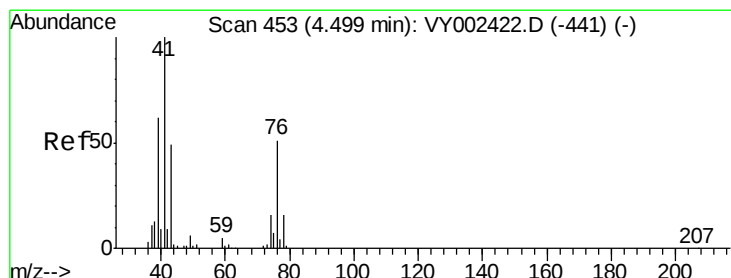
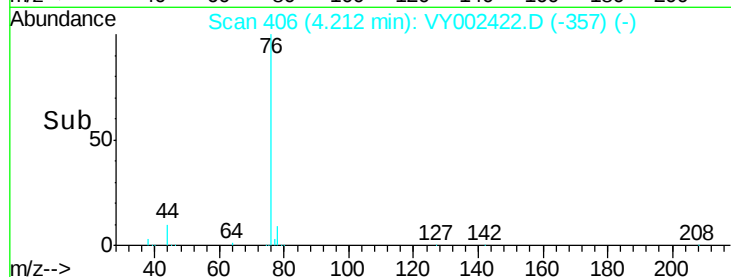
100000

50000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 31.223 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002422.D

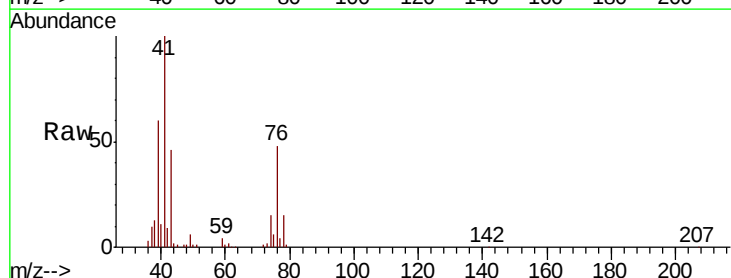
Acq: 20 Apr 2020 14:16

Tgt Ion: 43 Resp: 71831

Ion Ratio Lower Upper

43 100

74 31.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

25000

20000

15000

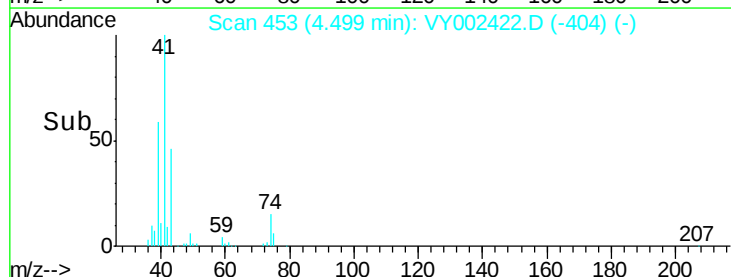
10000

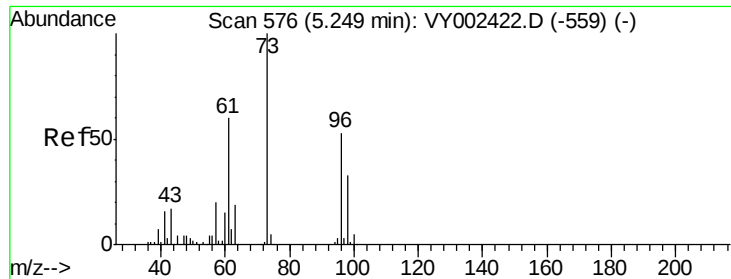
5000

0

Time-->

4.40 4.50 4.60 4.70

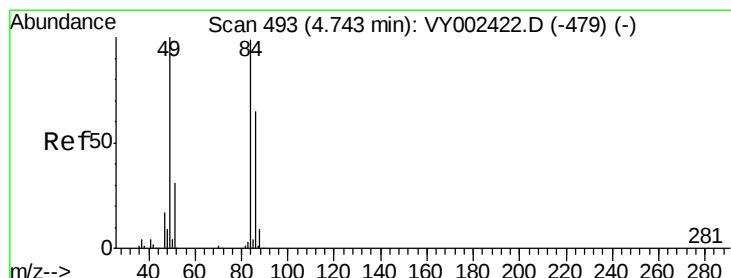
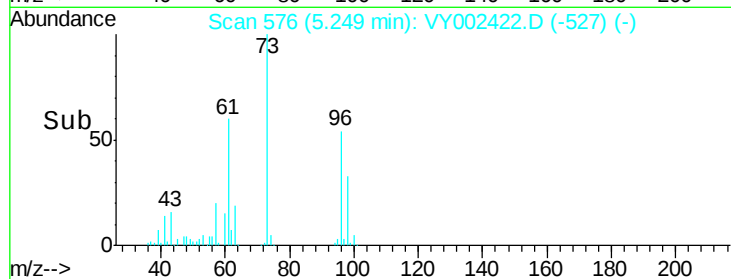
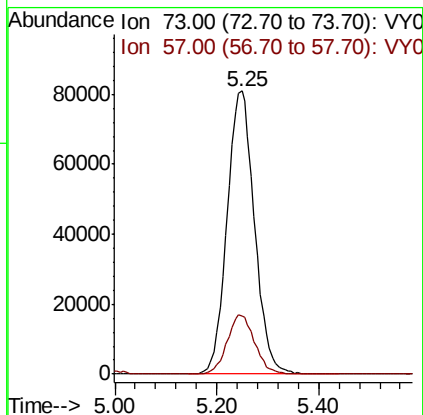
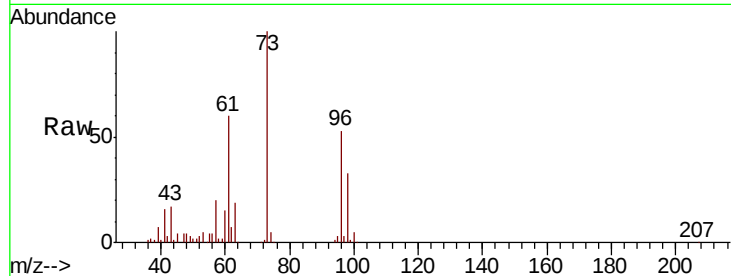




#19
Methvl tert-butvl Ether
Concen: 36.878 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

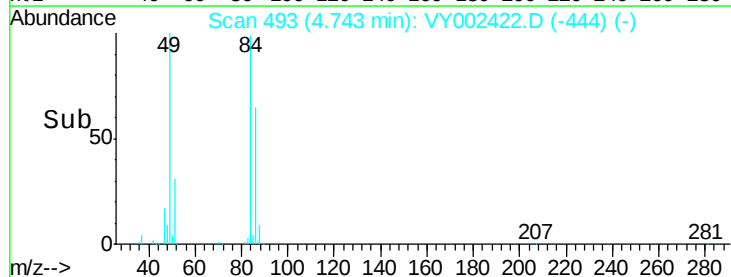
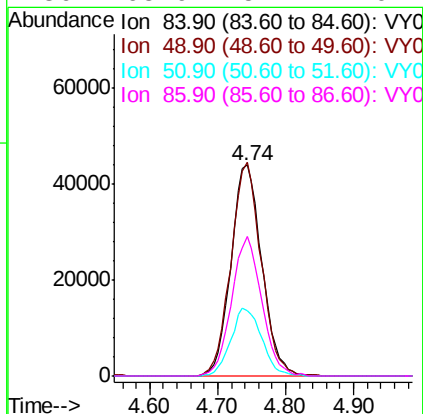
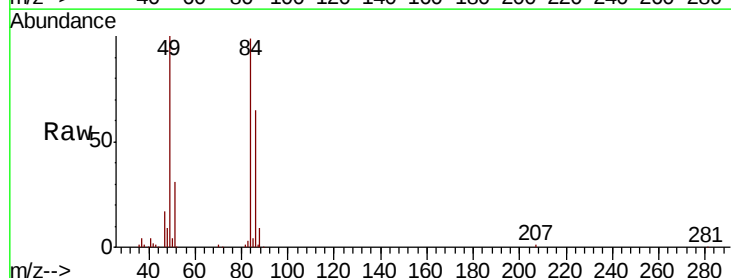
Instrument :
MSVOA_Y
ClientSampleId :

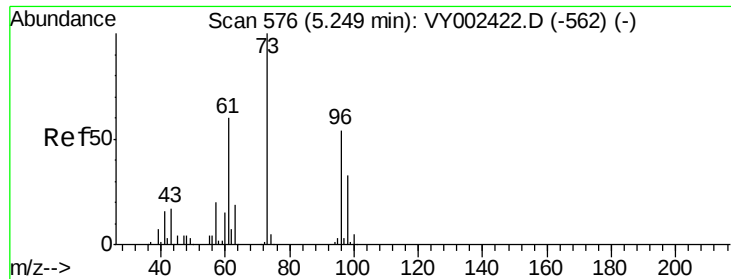
Tot Ion: 73 Resp: 301511
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 36.683 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 84 Resp: 137884
Ion Ratio Lower Upper
84 100
49 101.3 81.0 121.6
51 31.1 24.9 37.3
86 65.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 39.225 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

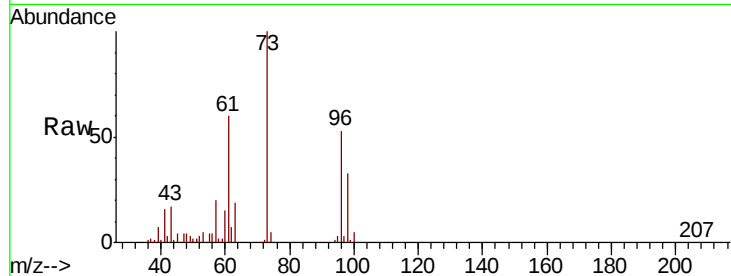
Tot Ion: 96 Resp: 138624

Ion Ratio Lower Upper

96 100

61 112.1 89.7 134.5

98 62.1 49.7 74.5

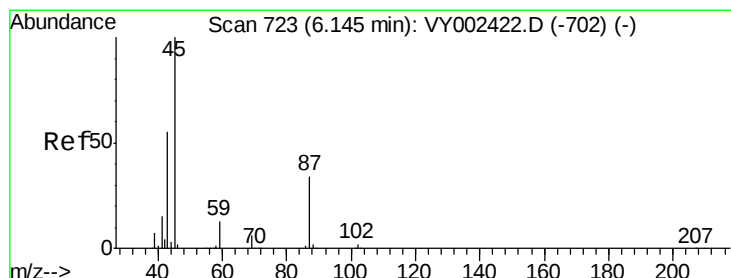
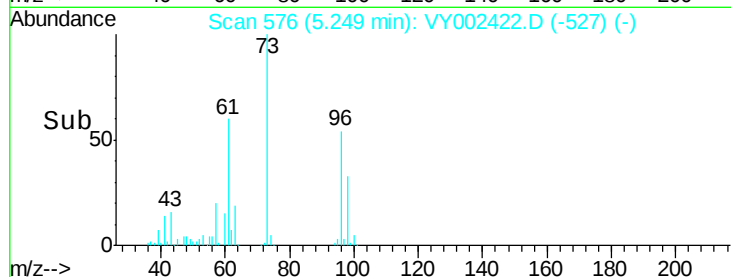
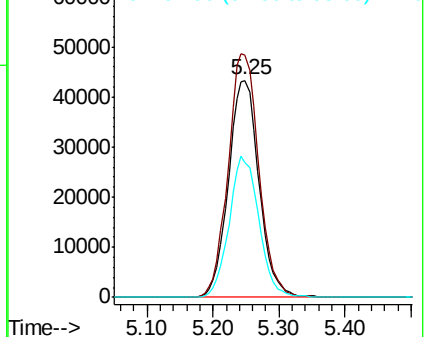


Abundance

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: 30.953 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Tgt Ion: 45 Resp: 305835

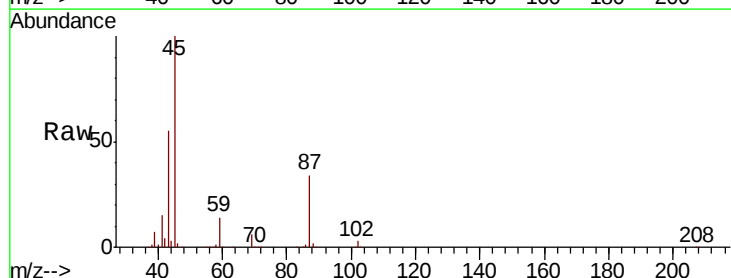
Ion Ratio Lower Upper

45 100

43 54.7 43.8 65.6

87 34.3 27.4 41.2

59 13.5 10.8 16.2



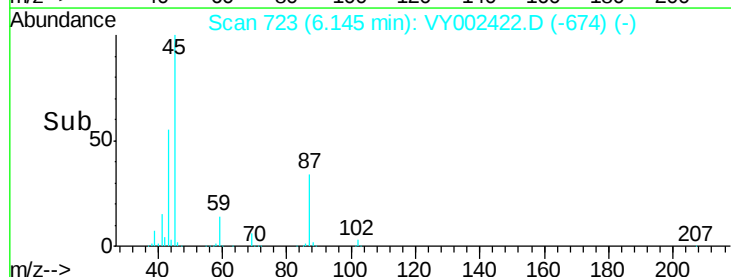
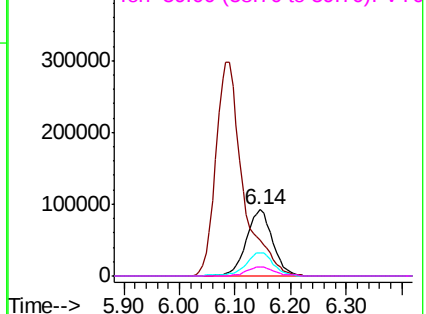
Abundance

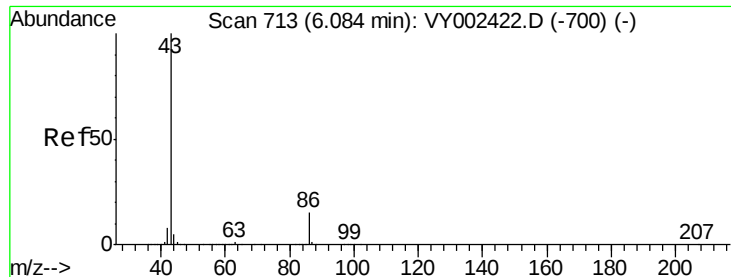
Ion 45.00 (44.70 to 45.70): VY0

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: 158.617 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

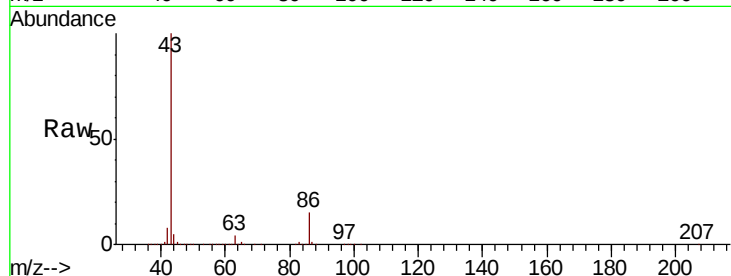
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1001605

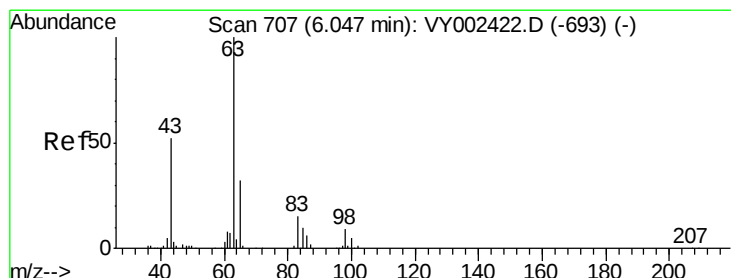
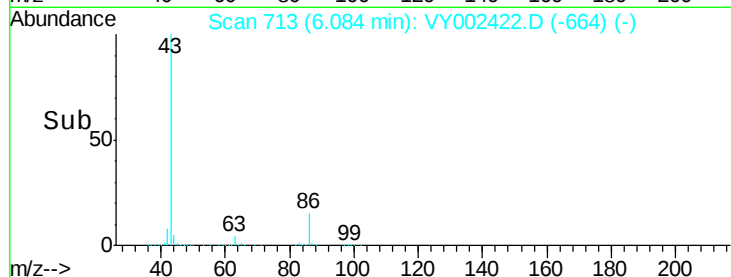
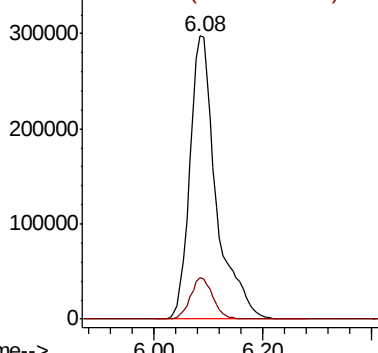
Ion Ratio Lower Upper

43 100

86 14.6 11.7 17.5



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



#24

1,1-Dichloroethane

Concen: 34.696 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

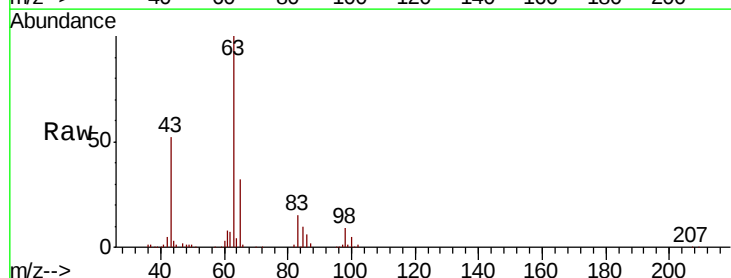
Tgt Ion: 63 Resp: 198201

Ion Ratio Lower Upper

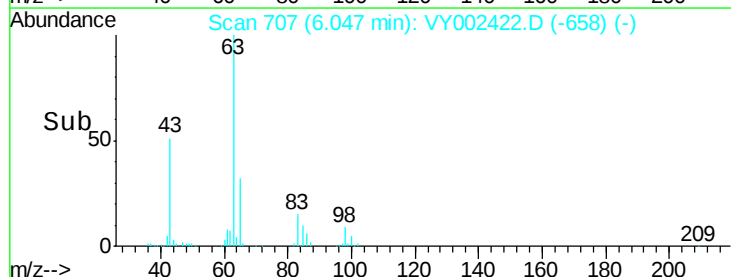
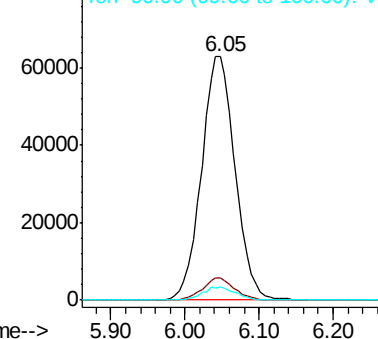
63 100

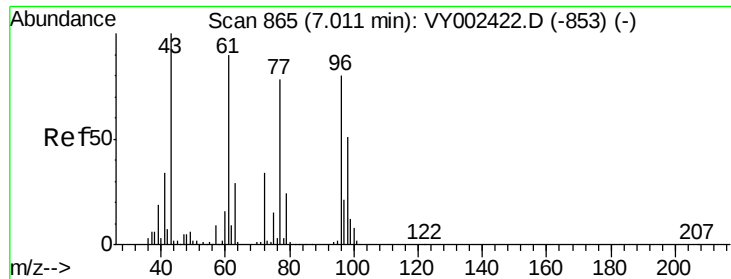
98 8.9 4.5 13.4

100 5.3 2.6 8.0



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

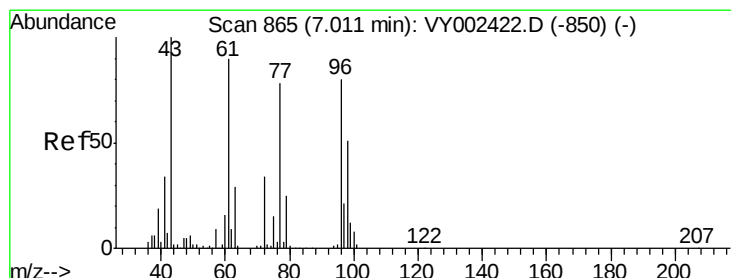
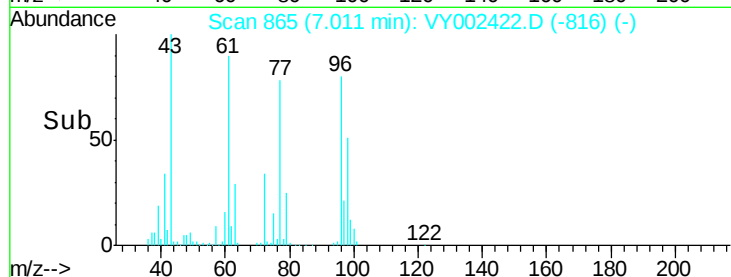
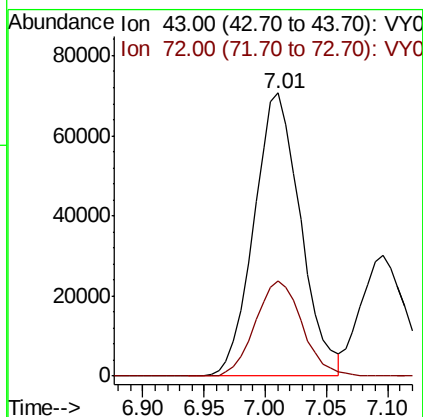
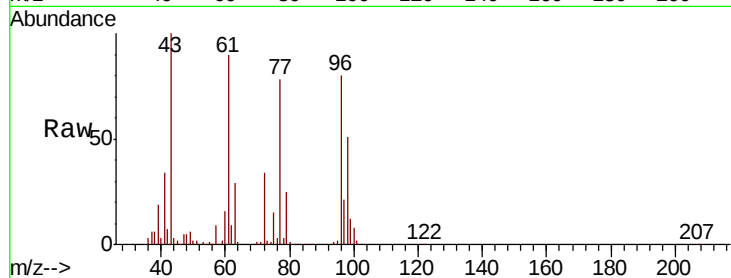




#25
2-Butanone
Concen: 159.458 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

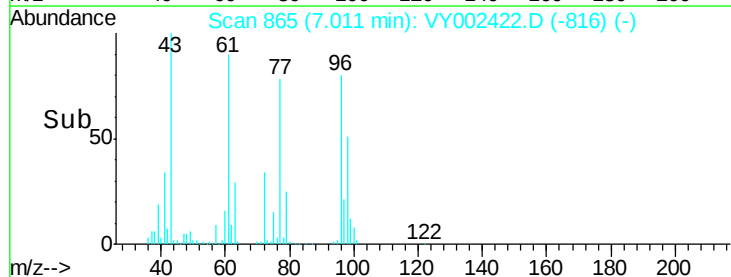
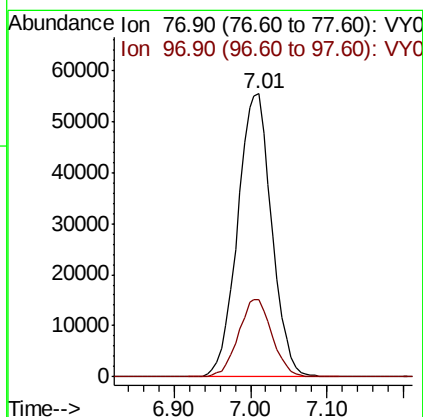
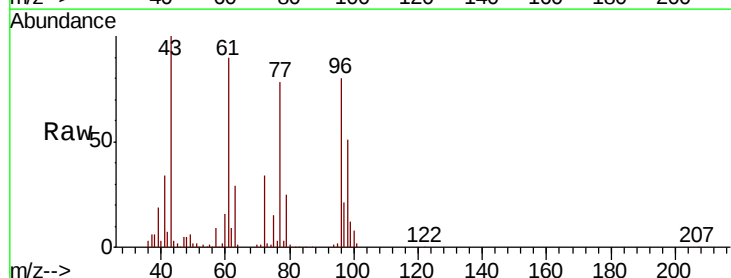
Instrument :
MSVOA_Y
ClientSampleId :

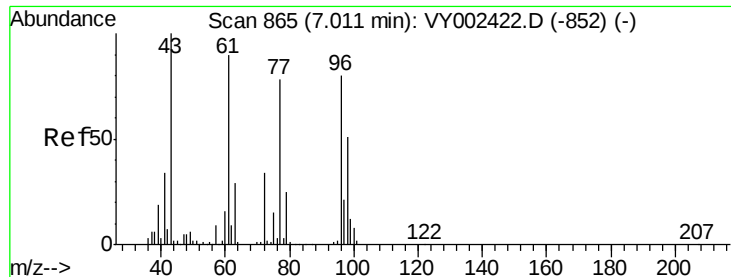
Tot Ion: 43 Resp: 187562
Ion Ratio Lower Upper
43 100
72 33.8 27.0 40.6



#26
2,2-Dichloropropane
Concen: 35.364 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 77 Resp: 170567
Ion Ratio Lower Upper
77 100
97 27.0 13.5 40.5



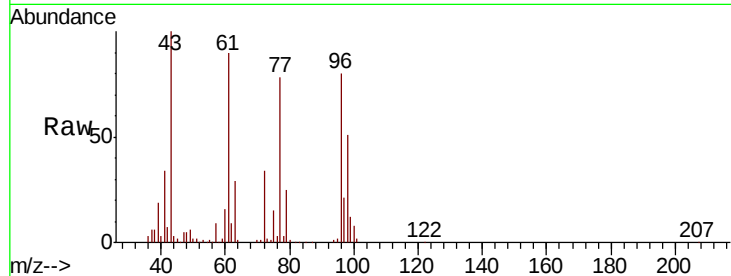


#27

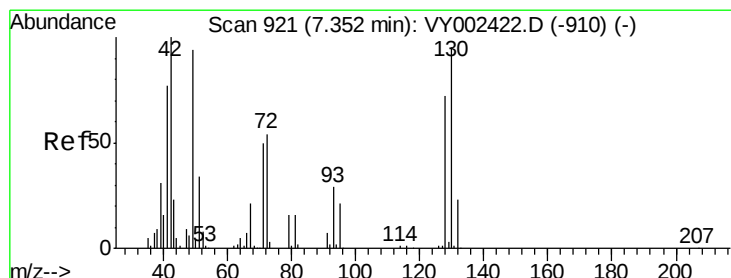
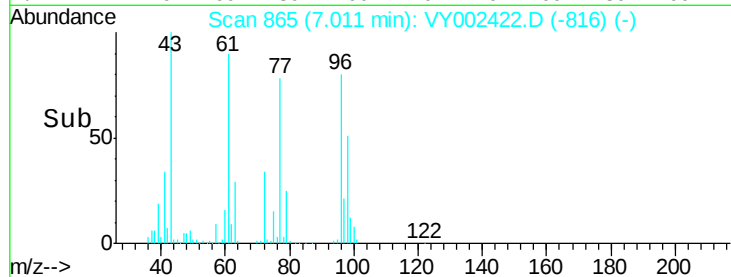
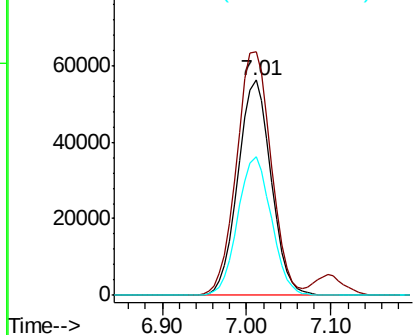
cis-1,2-Dichloroethene
 Concen: 38.935 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 149733
 Ion Ratio Lower Upper
 96 100
 61 118.1 0.0 236.2
 98 65.1 0.0 130.2



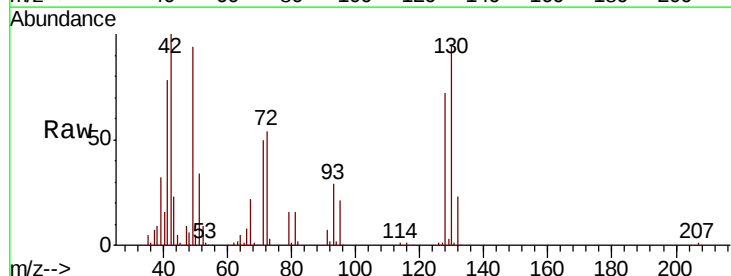
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



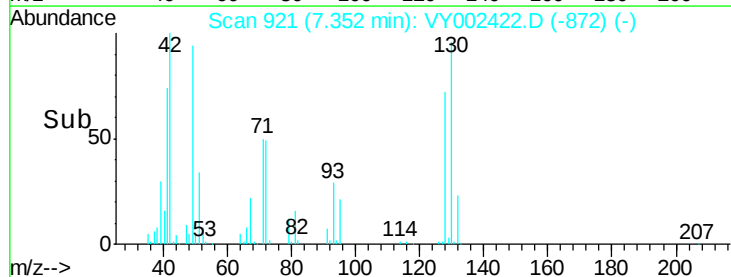
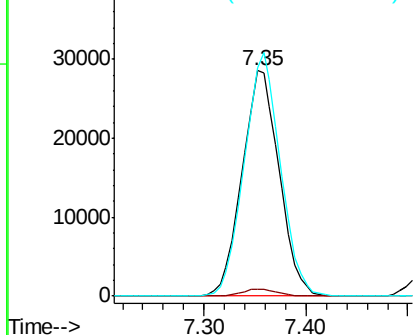
#28

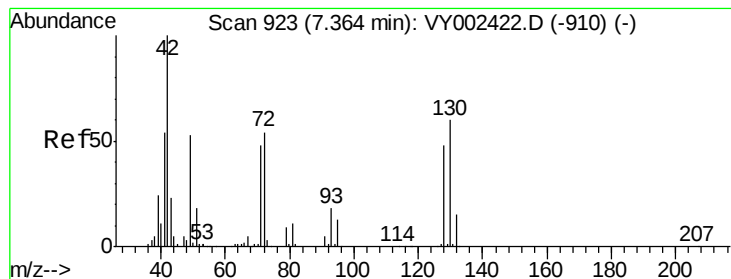
Bromochloromethane
 Concen: 29.847 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 49 Resp: 72067
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 6.0
 130 105.1 84.1 126.1



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





#29

Tetrahydrofuran

Concen: 153.686 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :
MSVOA_Y
ClientSampled :

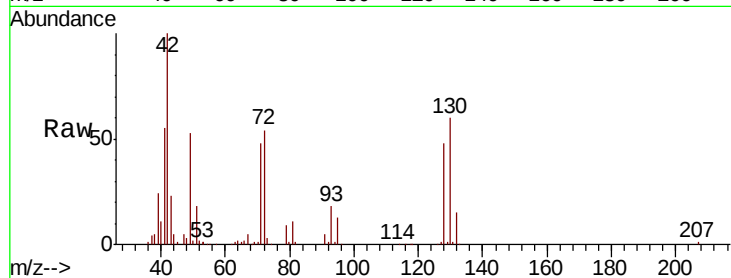
Tot Ion: 42 Resp: 119143

Ion Ratio Lower Upper

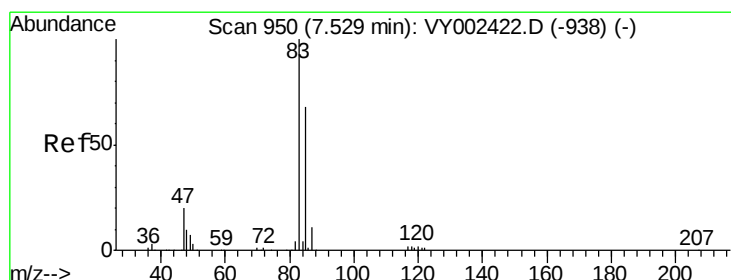
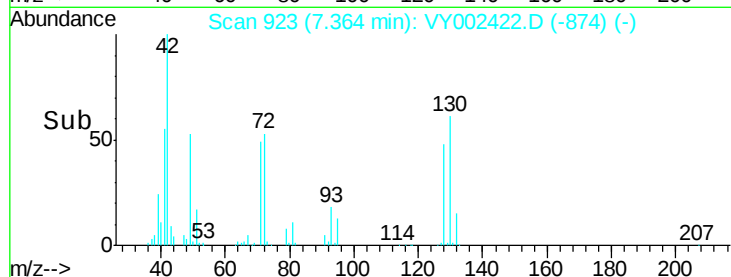
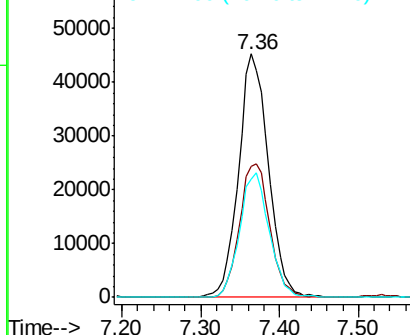
42 100

72 55.8 44.6 67.0

71 50.7 40.6 60.8



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



#30

Chloroform

Concen: 37.127 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY002422.D

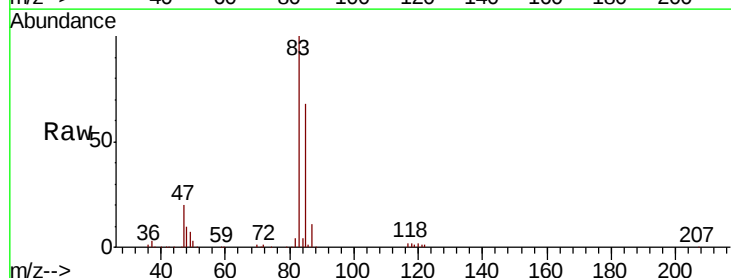
Acq: 20 Apr 2020 14:16

Tgt Ion: 83 Resp: 201942

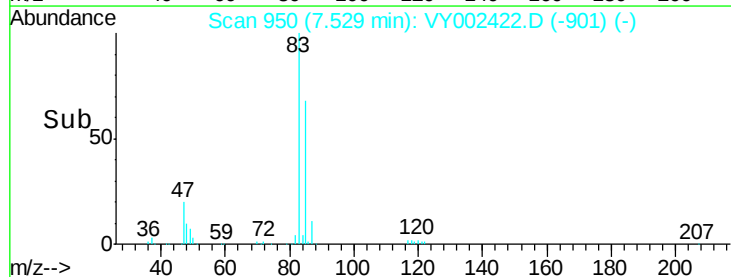
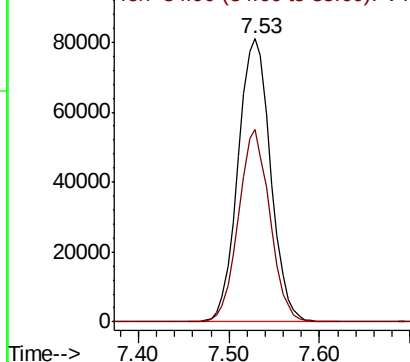
Ion Ratio Lower Upper

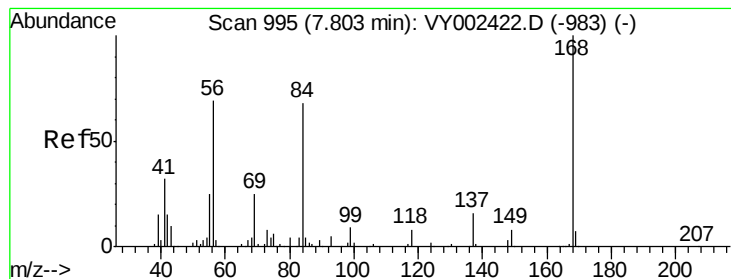
83 100

85 67.9 54.3 81.5



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





#31

Cyclohexane

Concen: 31.556 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

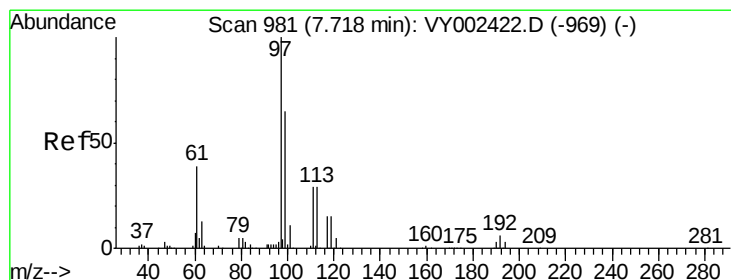
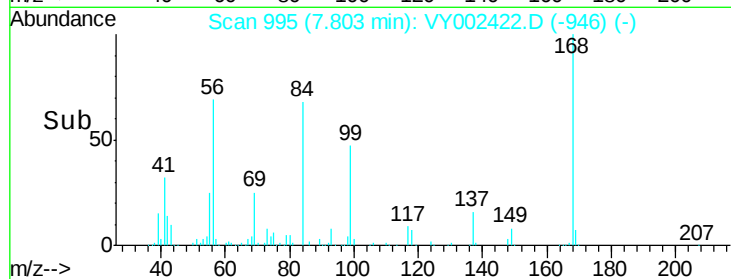
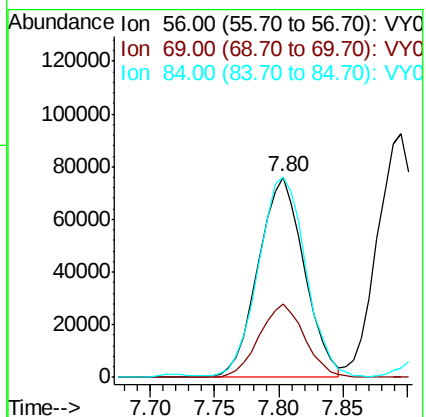
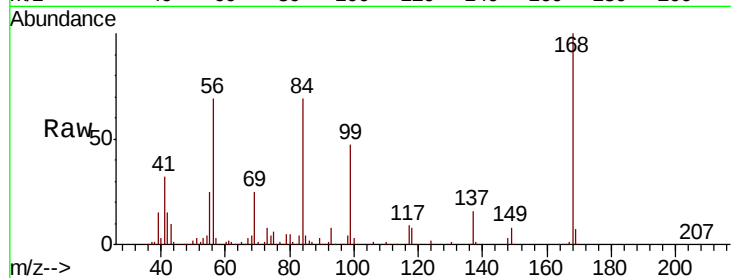
Tot Ion: 56 Resp: 188091

Ion Ratio Lower Upper

56 100

69 36.4 29.1 43.7

84 99.3 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 39.447 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

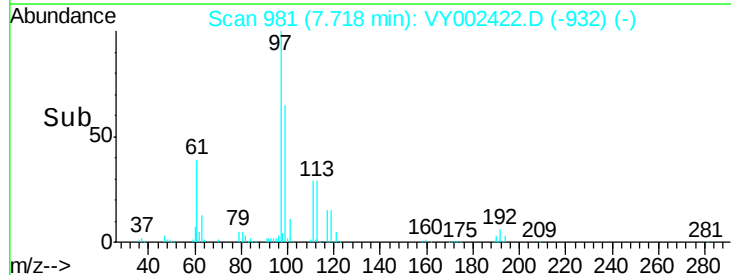
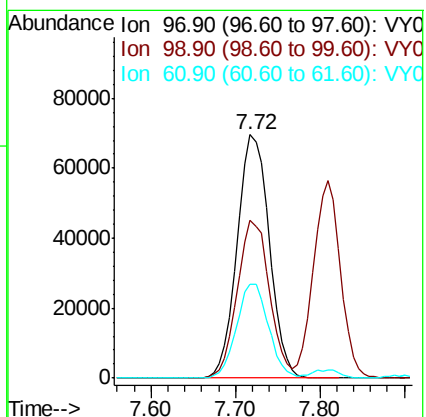
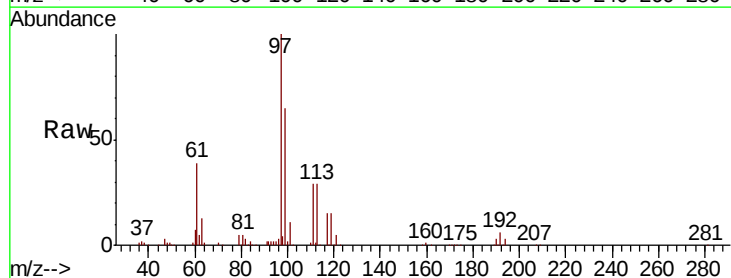
Tgt Ion: 97 Resp: 179459

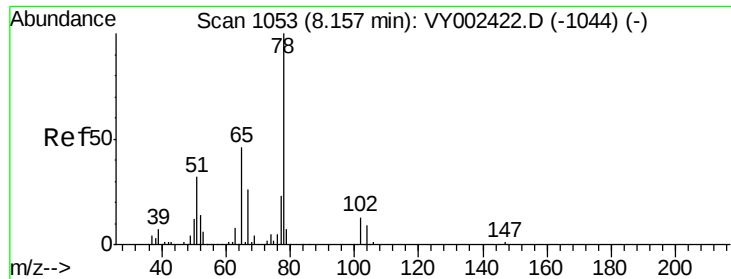
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 38.5 30.8 46.2

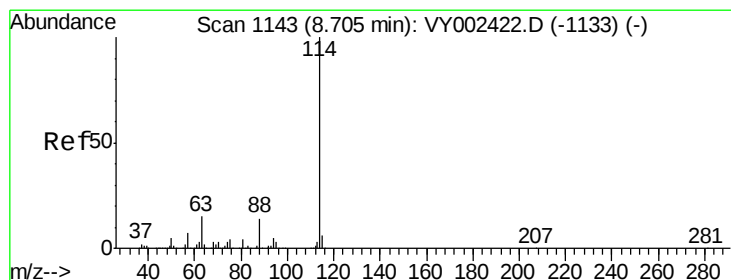
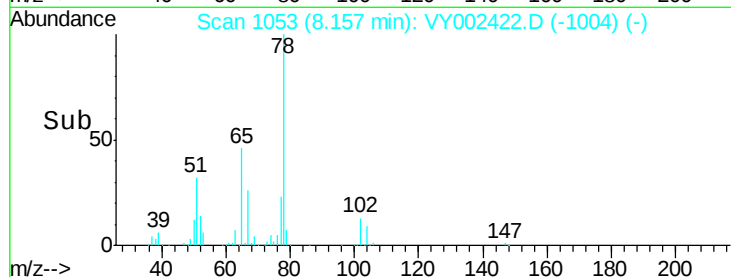
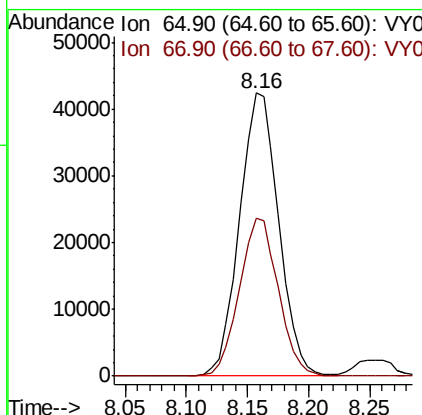
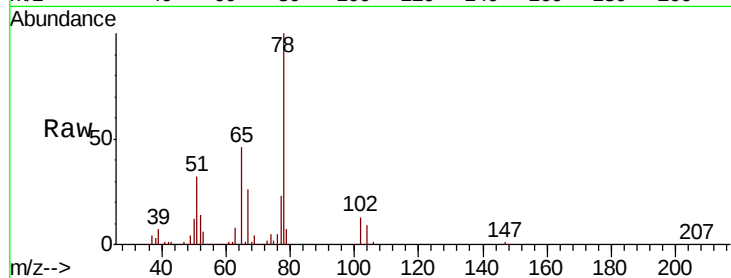




#33
 1,2-Dichloroethane-d4
 Concen: 33.295 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

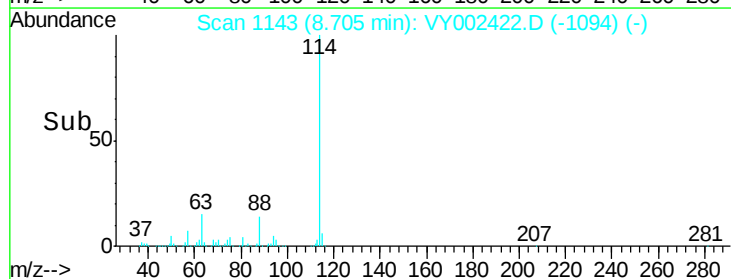
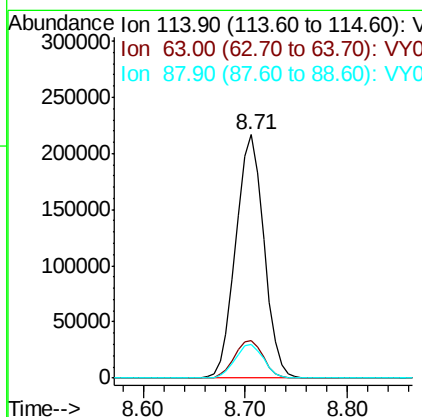
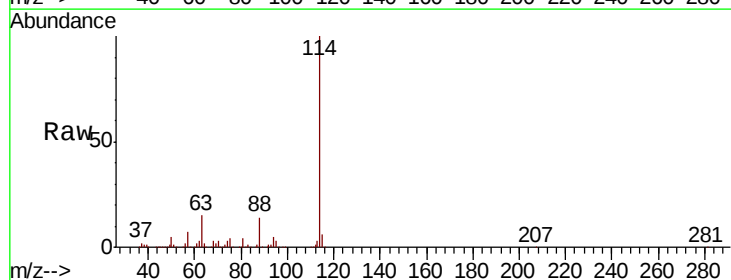
Instrument :
 MSVOA_Y
 ClientSampleId :

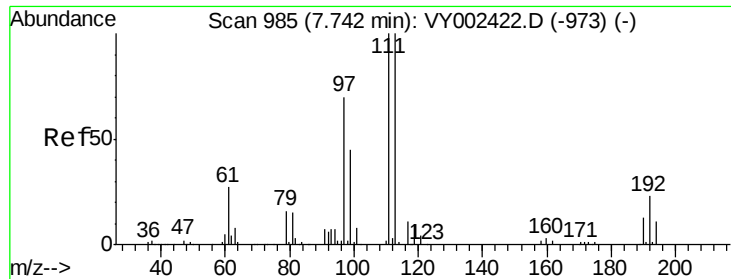
Tot Ion: 65 Resp: 94323
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 114 Resp: 414454
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.0
 88 14.1 0.0 28.2

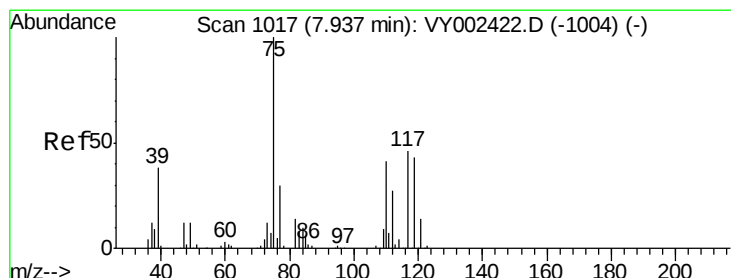
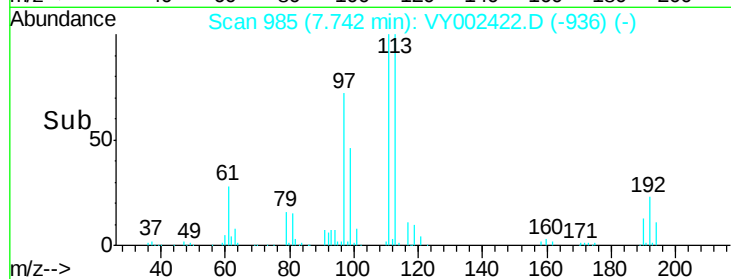
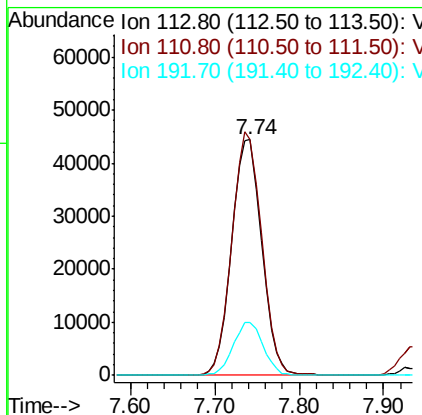
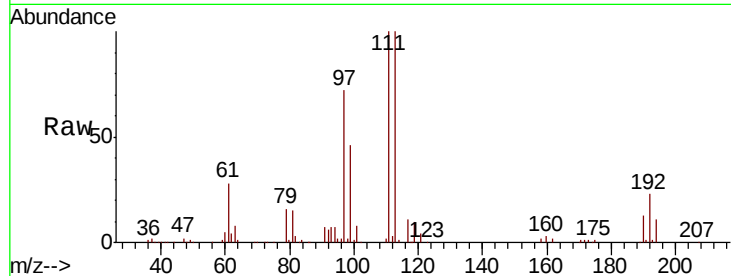




#35
 Dibromofluoromethane
 Concen: 44.502 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

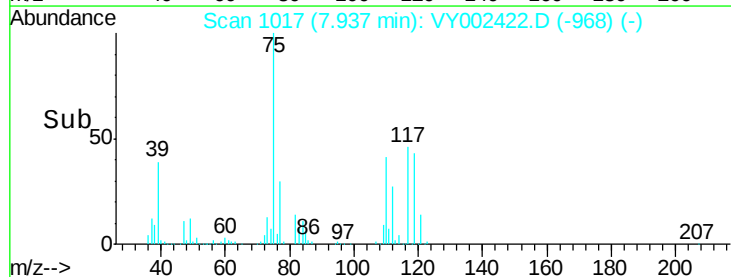
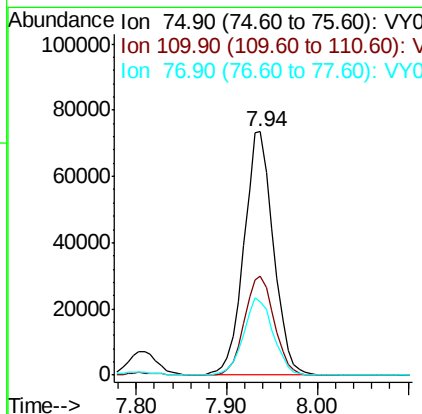
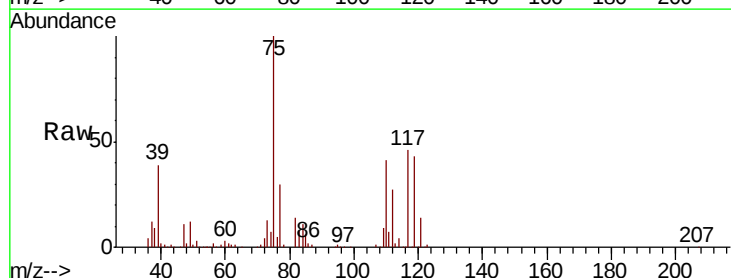
Instrument :
 MSVOA_Y
 ClientSampleId :

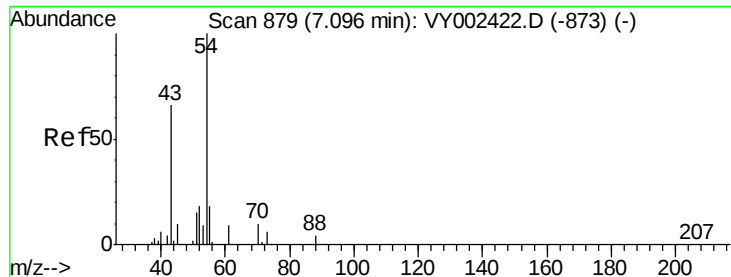
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 41.628 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.4	61.2
77	31.9	25.5	38.3

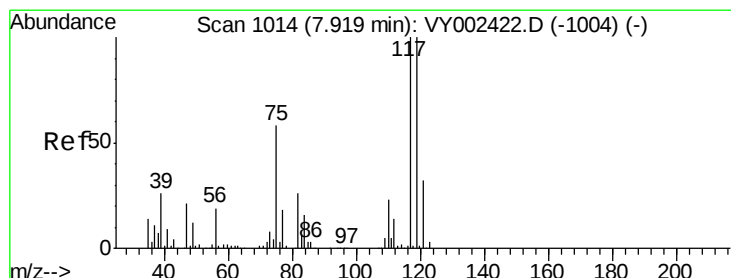
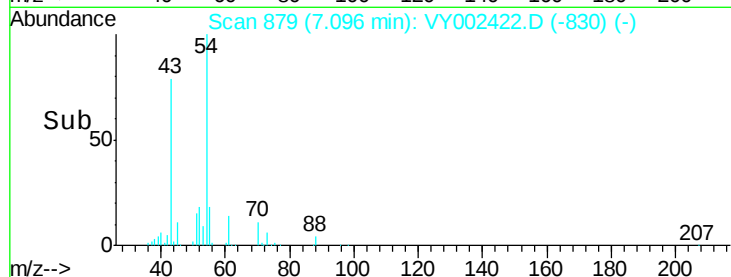
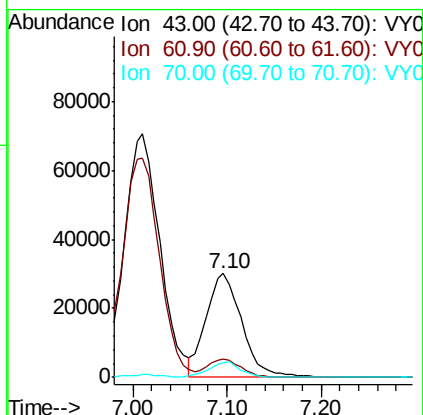
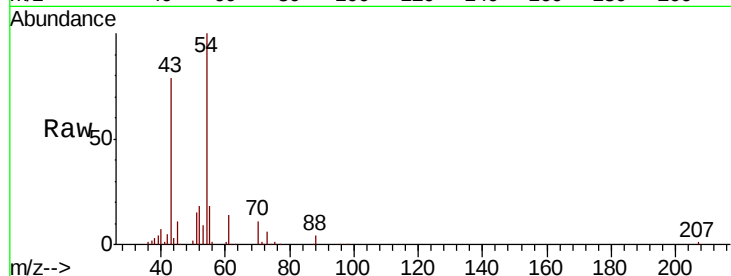




#37
Ethyl Acetate
Concen: 35.346 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

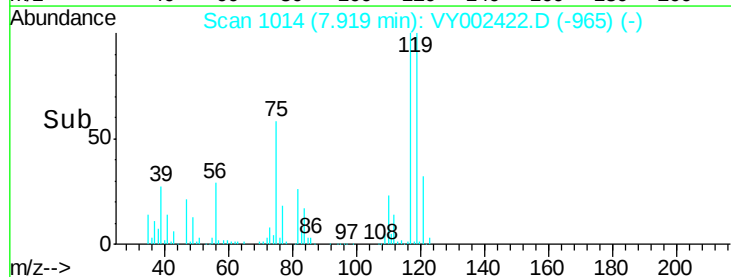
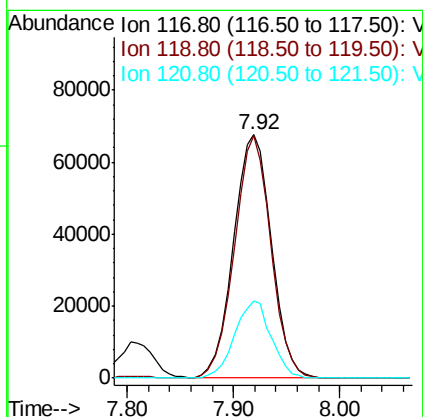
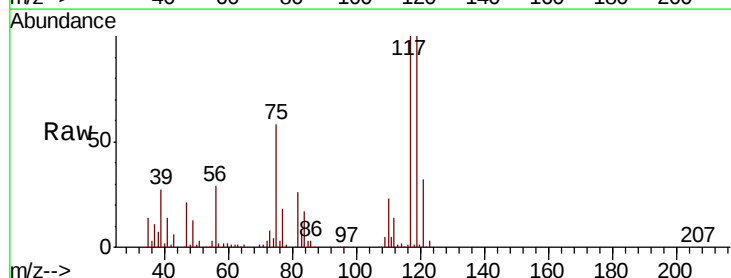
Instrument :
MSVOA_Y
ClientSampleId :

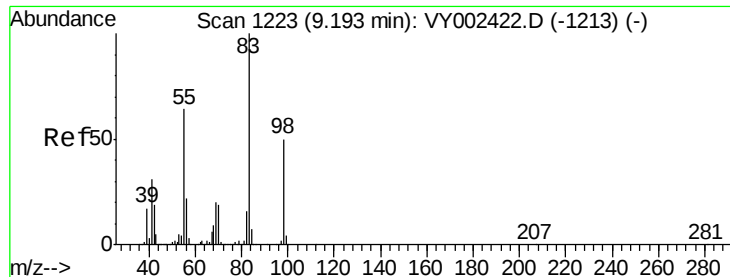
Tot Ion: 43 Resp: 78673
Ion Ratio Lower Upper
43 100
61 16.9 13.5 20.3
70 13.3 10.6 16.0



#38
Carbon Tetrachloride
Concen: 48.304 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 117 Resp: 168583
Ion Ratio Lower Upper
117 100
119 99.5 79.6 119.4
121 31.8 25.4 38.2

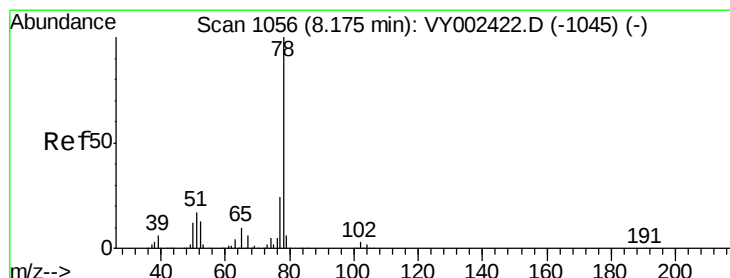
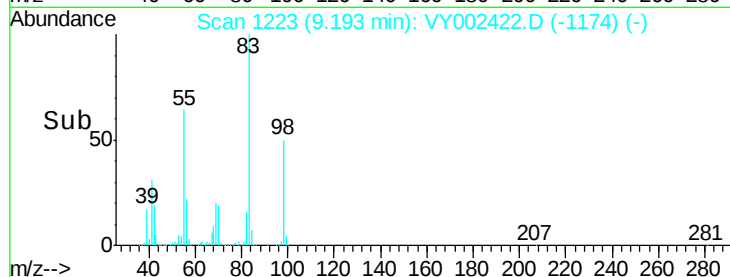
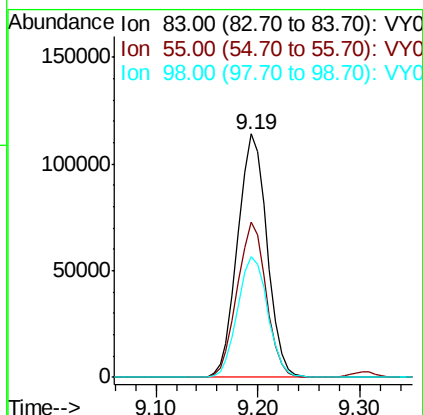
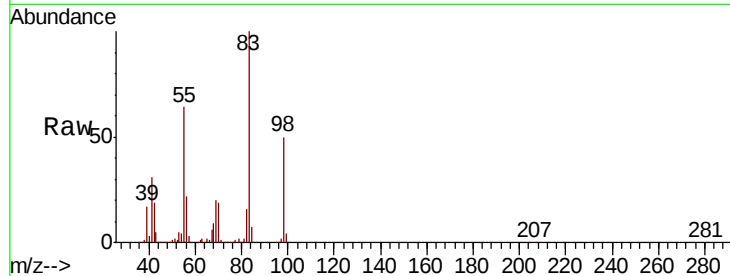




#39
Methvlcvclohexane
Concen: 42.110 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

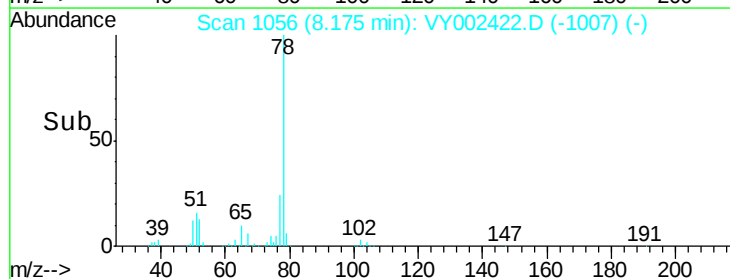
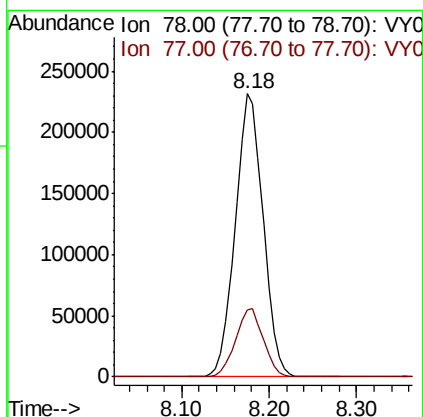
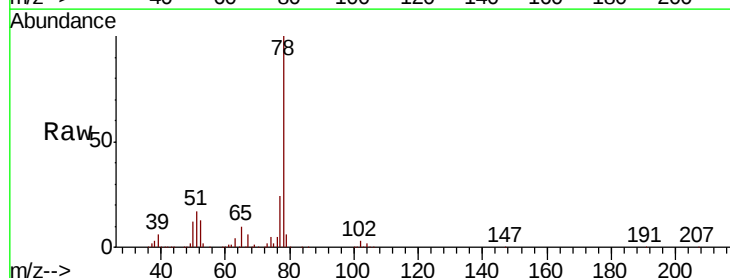
Instrument :
MSVOA_Y
ClientSampleId :

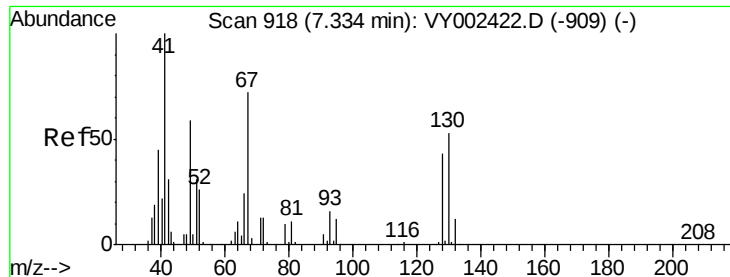
Tot Ion: 83 Resp: 228204
Ion Ratio Lower Upper
83 100
55 64.0 51.2 76.8
98 49.7 39.8 59.6



#40
Benzene
Concen: 42.286 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 78 Resp: 511047
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

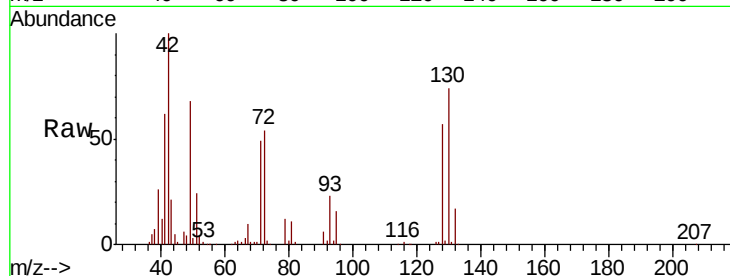




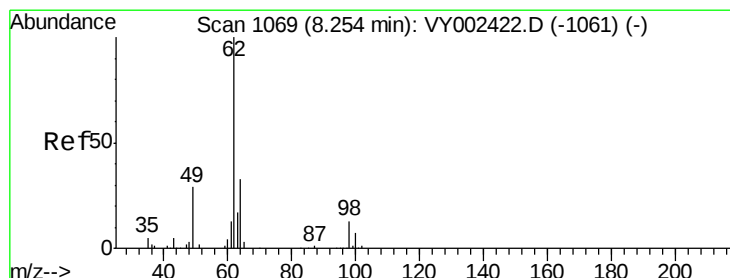
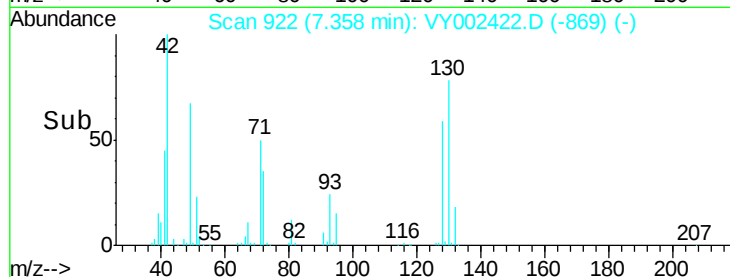
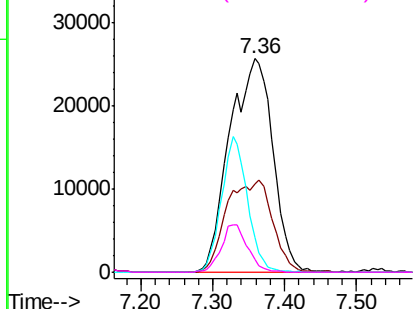
#41
Methacrylonitrile
Concen: 81.829 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 107047
Ion Ratio Lower Upper
41 100
39 45.5 99.0 148.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

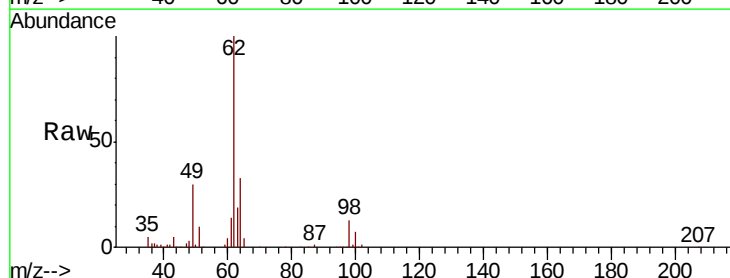


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

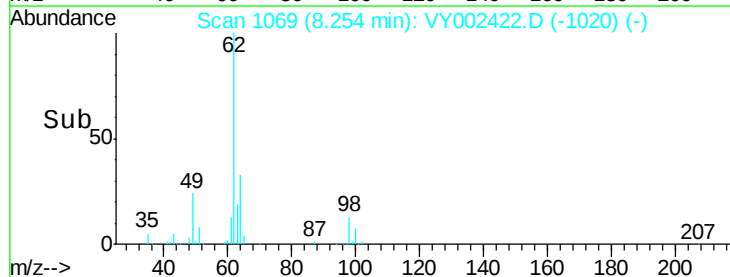
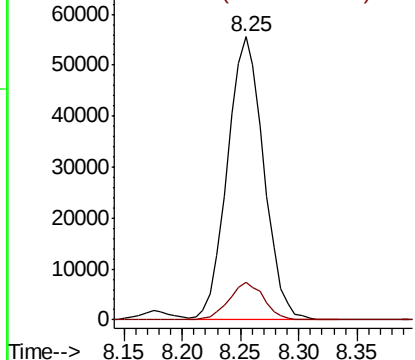


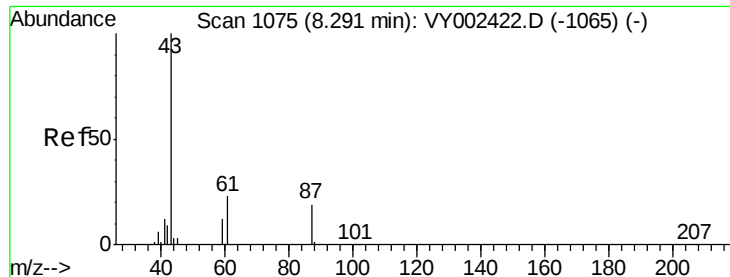
#42
1,2-Dichloroethane
Concen: 40.461 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 62 Resp: 120506
Ion Ratio Lower Upper
62 100
98 12.7 0.0 25.4



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





#43

Isopropyl Acetate

Concen: 35.594 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

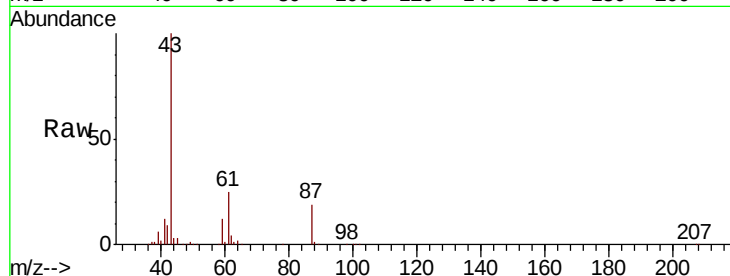
Tot Ion: 43 Resp: 144213

Ion Ratio Lower Upper

43 100

61 34.6 27.7 41.5

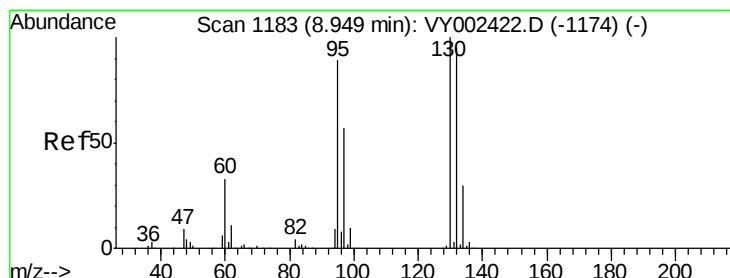
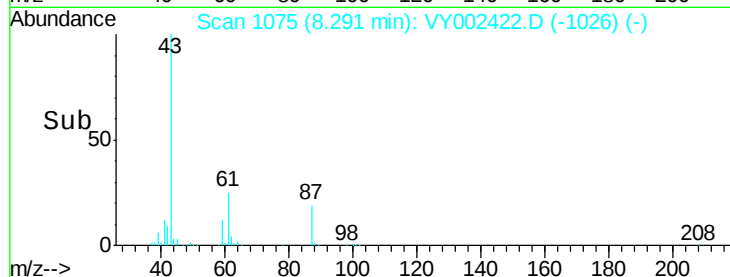
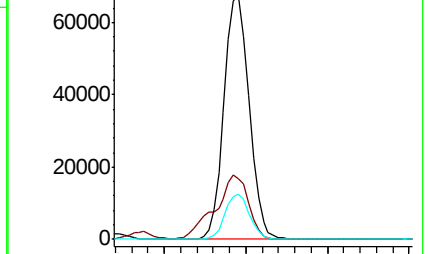
87 18.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY002422.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY002422.D (-1065) (-)



#44

Trichloroethene

Concen: 47.770 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY002422.D

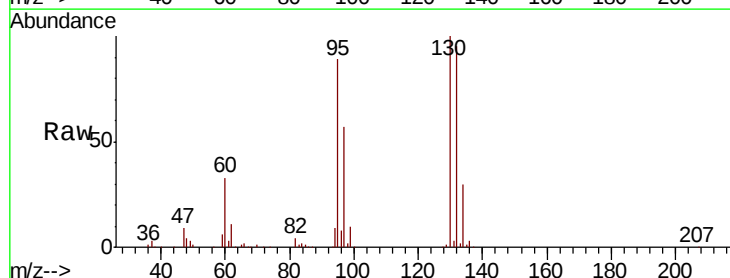
Acq: 20 Apr 2020 14:16

Tgt Ion:130 Resp: 174053

Ion Ratio Lower Upper

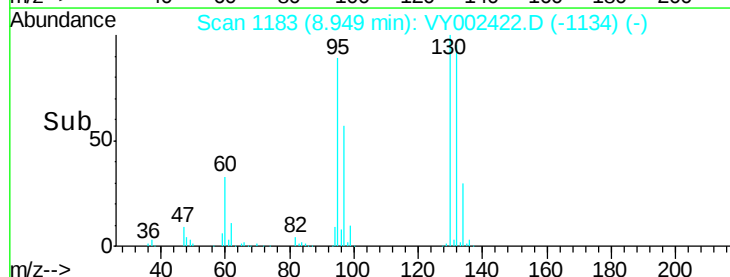
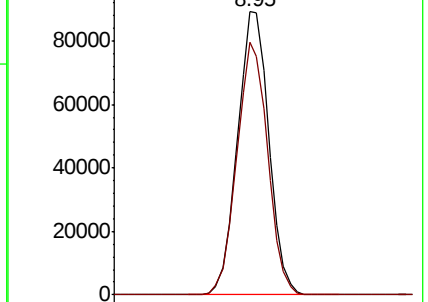
130 100

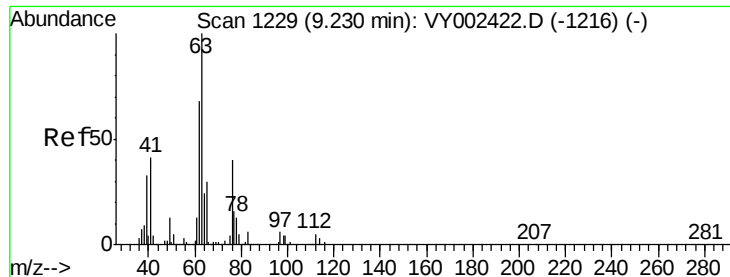
95 89.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VY002422.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002422.D (-1174) (-)

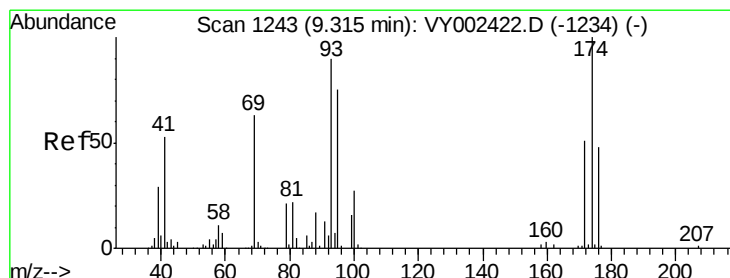
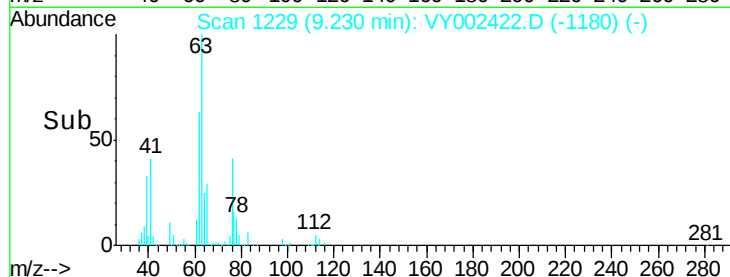
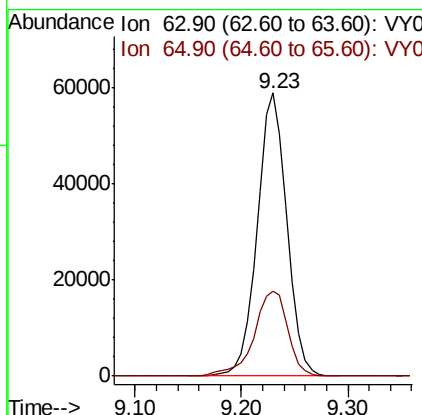
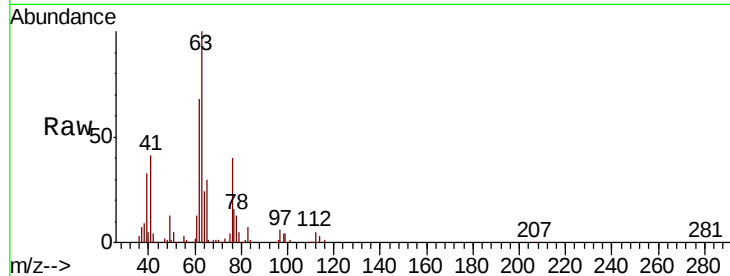




#45
 1,2-Dichloropropane
 Concen: 38.741 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

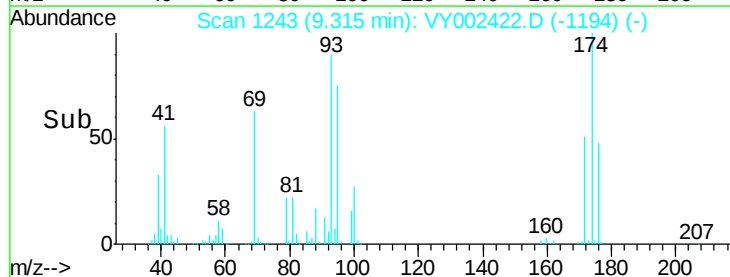
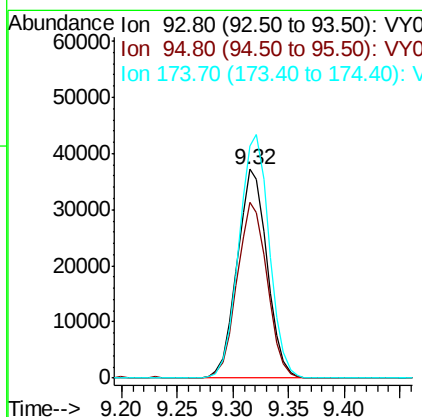
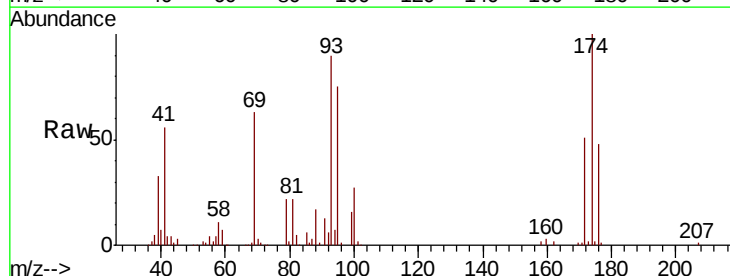
Instrument :
 MSVOA_Y
 ClientSampleId :

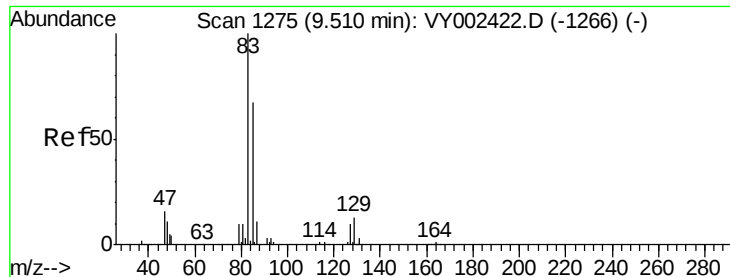
Tot Ion: 63 Resp: 114639
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#46
 Dibromomethane
 Concen: 43.909 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 93 Resp: 69199
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.5 101.3
 174 118.1 94.5 141.7





#47

Bromodichloromethane

Concen: 43.246 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

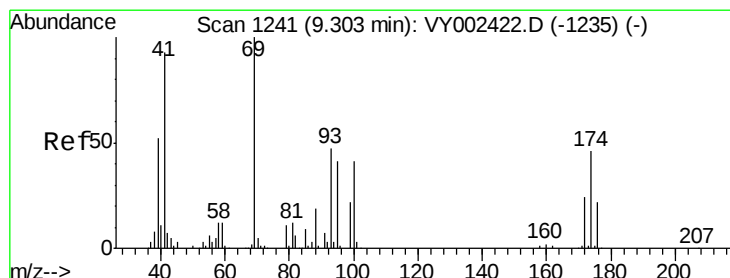
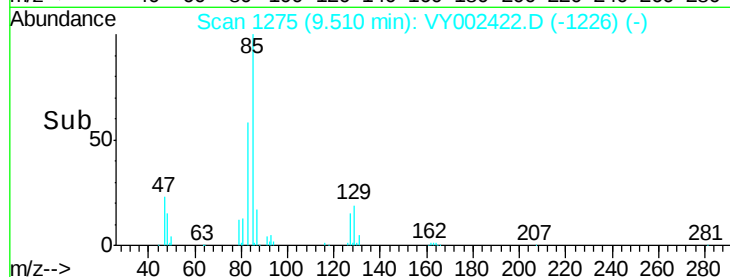
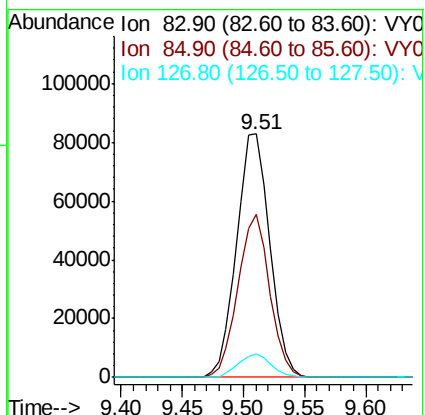
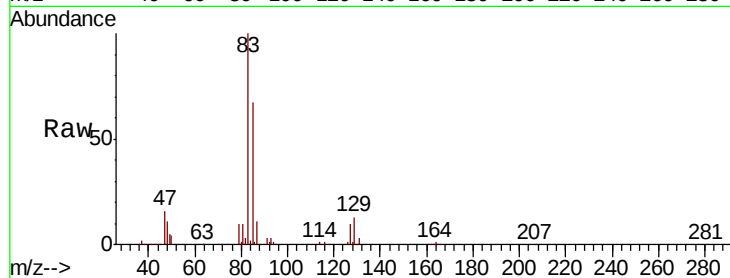
Tot Ion: 83 Resp: 155985

Ion Ratio Lower Upper

83 100

85 66.8 53.4 80.2

127 9.7 7.8 11.6



#48

Methyl methacrylate

Concen: 36.681 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

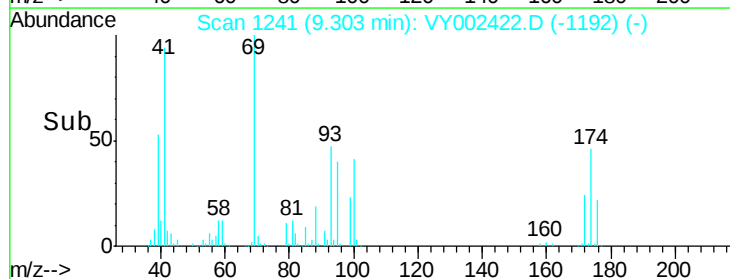
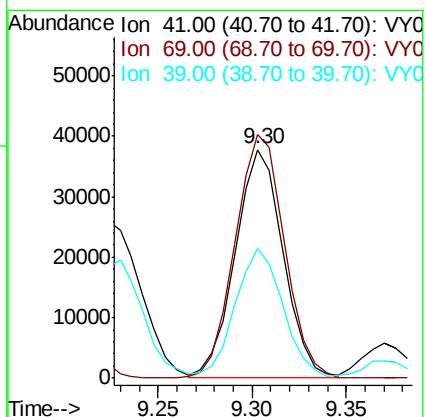
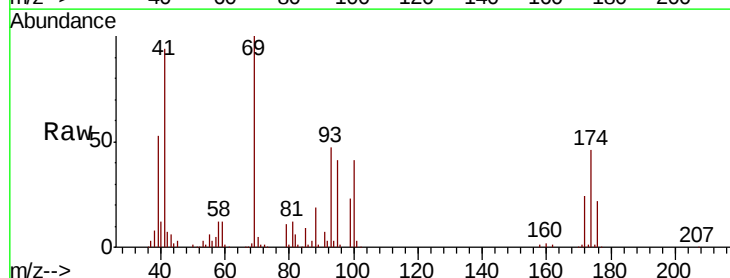
Tgt Ion: 41 Resp: 66736

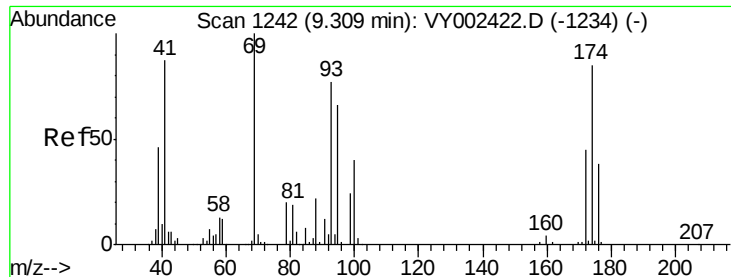
Ion Ratio Lower Upper

41 100

69 109.9 87.9 131.9

39 54.4 43.5 65.3





#49

1,4-Dioxane

Concen: 911.395 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :
MSVOA_Y
ClientSampled :

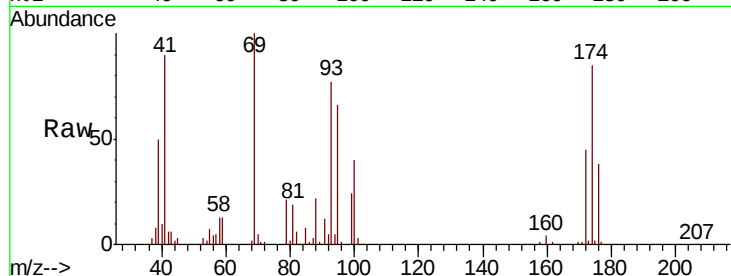
Tot Ion: 88 Resp: 20422

Ion Ratio Lower Upper

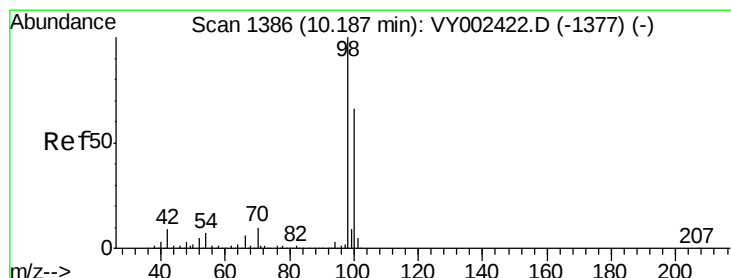
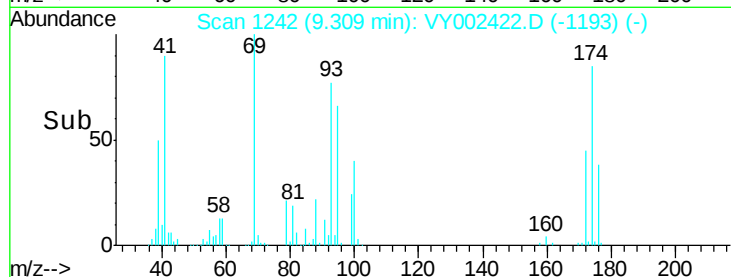
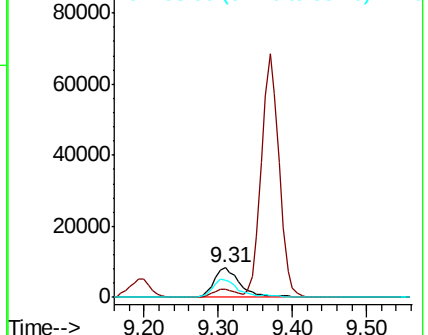
88 100

43 23.8 19.0 28.6

58 56.0 44.8 67.2



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: 42.433 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002422.D

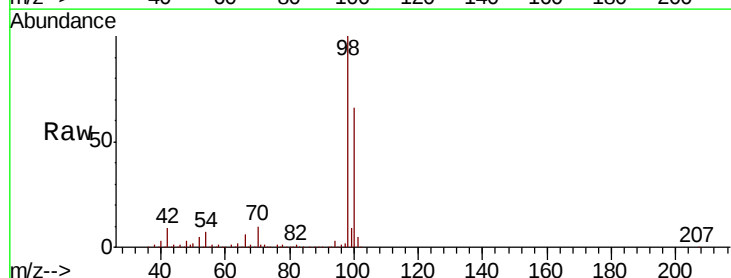
Acq: 20 Apr 2020 14:16

Tgt Ion: 98 Resp: 425876

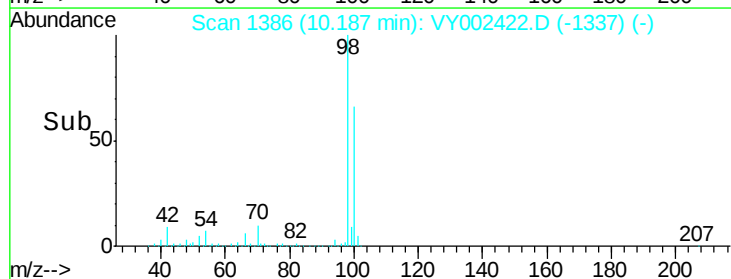
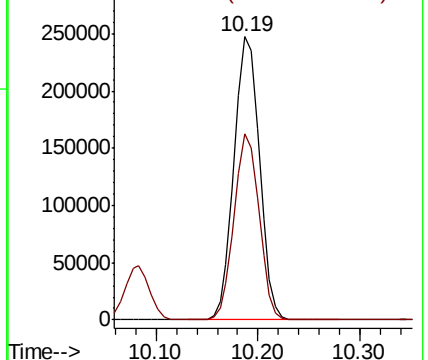
Ion Ratio Lower Upper

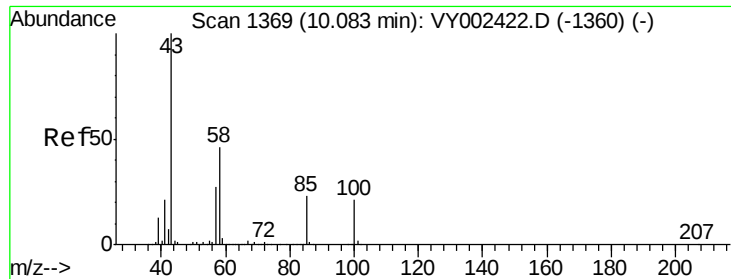
98 100

100 64.5 51.6 77.4



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: 179.458 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

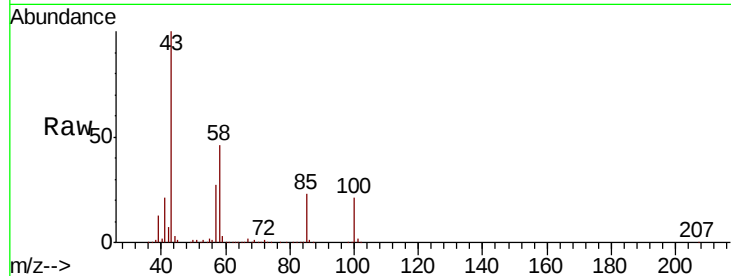
ClientSampled :

Tot Ion: 43 Resp: 380396

Ion Ratio Lower Upper

43 100

58 46.0 36.8 55.2



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-1360) (-)

10.08

250000

200000

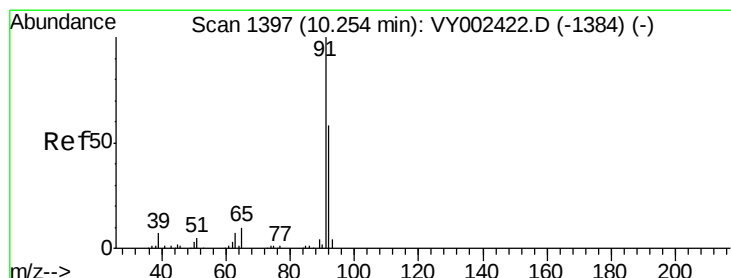
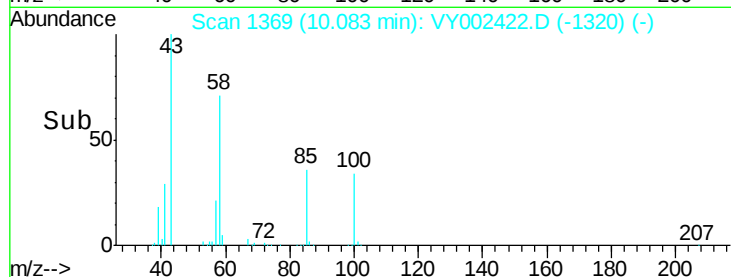
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 43.899 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002422.D

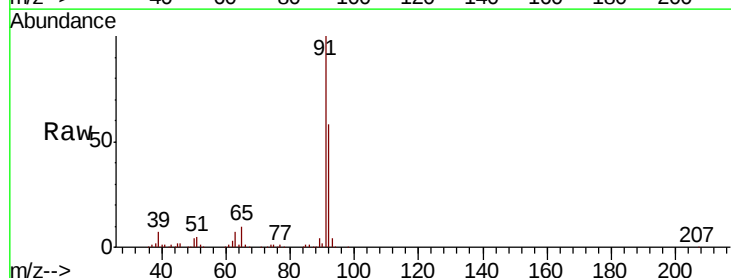
Acq: 20 Apr 2020 14:16

Tgt Ion: 92 Resp: 321401

Ion Ratio Lower Upper

92 100

91 174.1 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002422.D (-1384) (-)

Ion 91.00 (90.70 to 91.70): VY002422.D (-1384) (-)

10.25

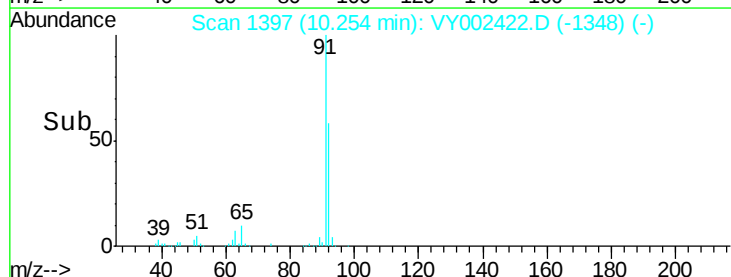
300000

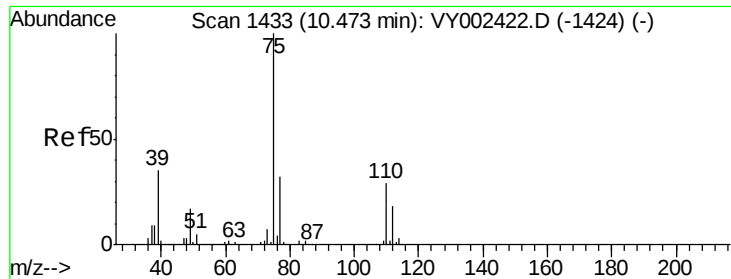
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 42.996 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

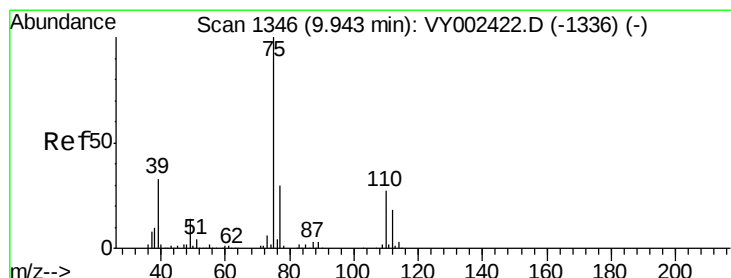
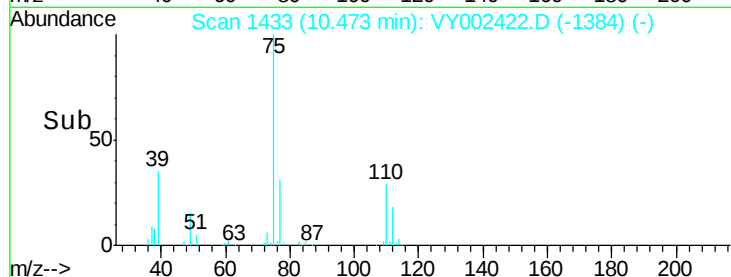
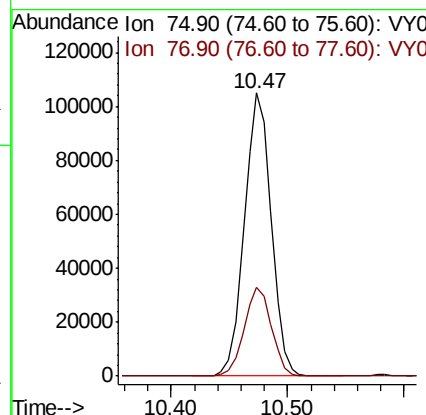
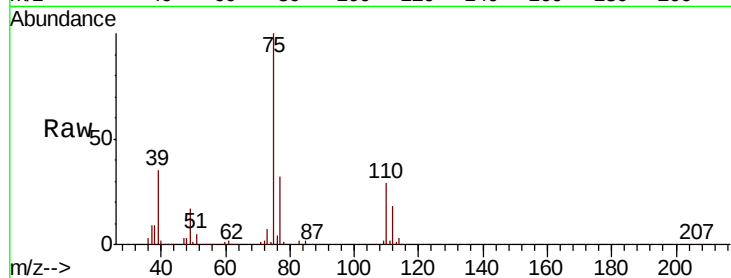
ClientSampleId :

Tot Ion: 75 Resp: 168193

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 42.623 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

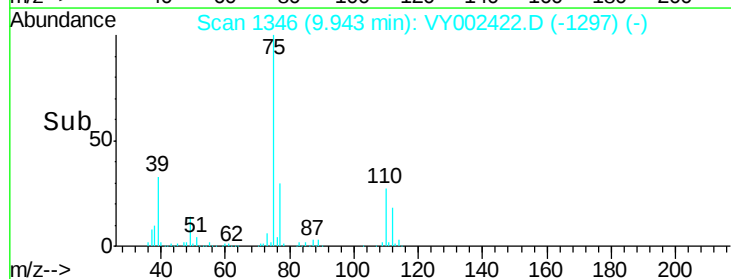
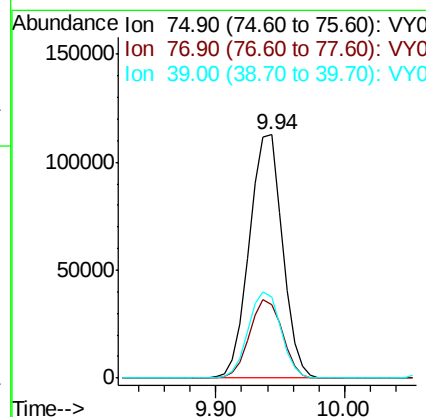
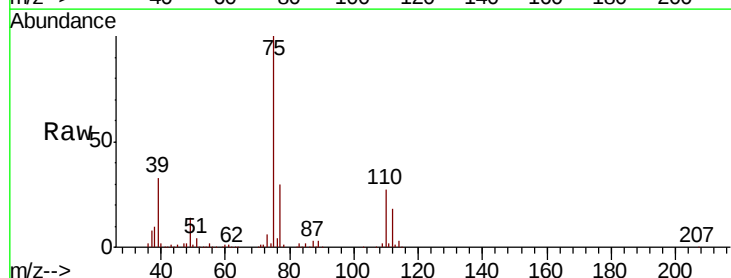
Tgt Ion: 75 Resp: 200307

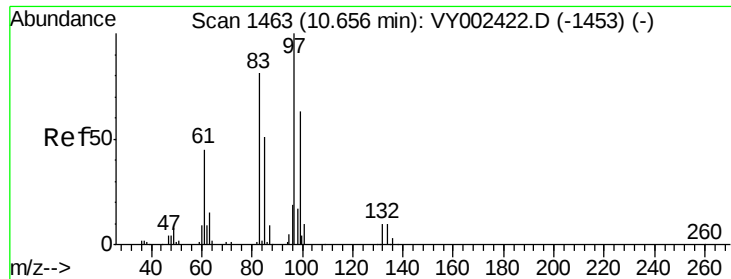
Ion Ratio Lower Upper

75 100

77 30.3 24.2 36.4

39 33.3 26.6 40.0

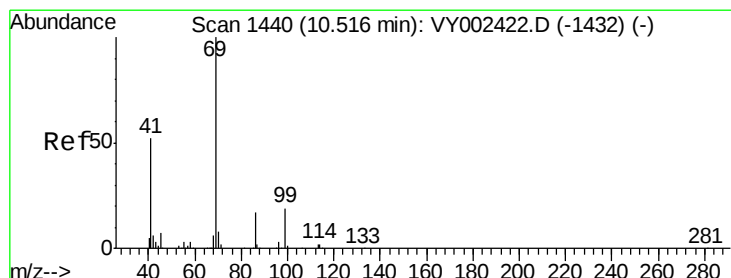
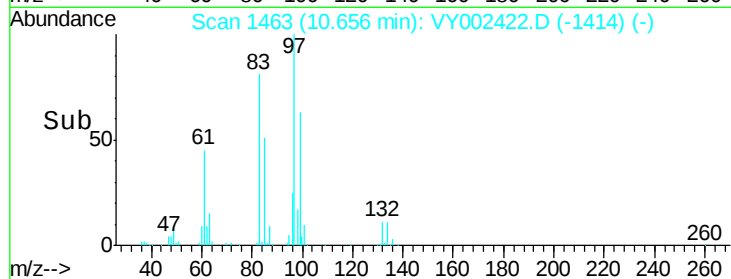
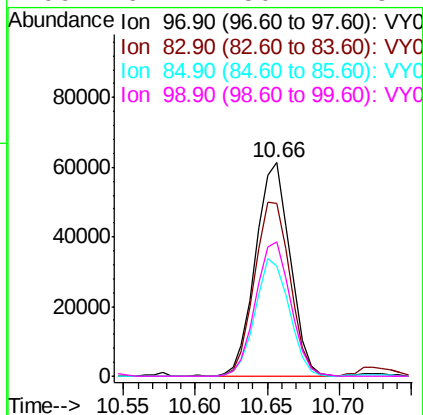
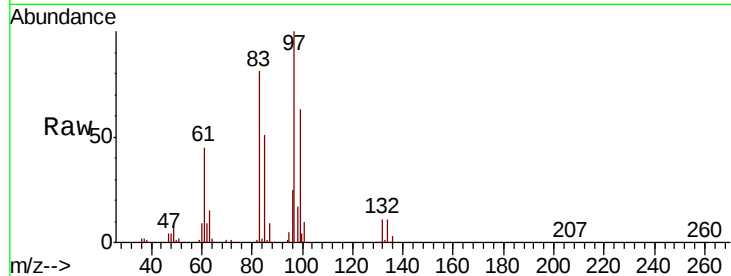




#55
 1,1,2-Trichloroethane
 Concen: 44.101 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

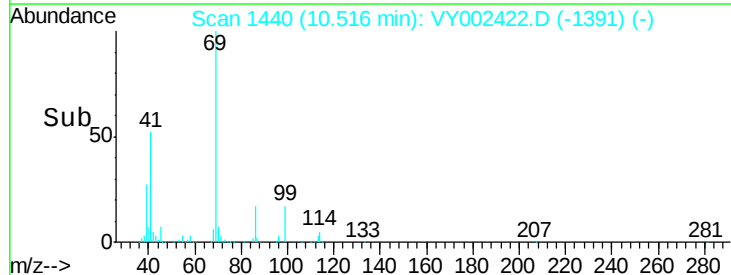
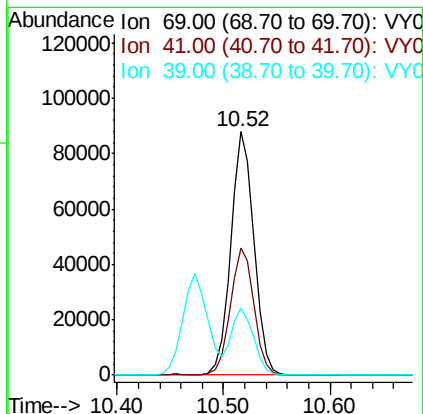
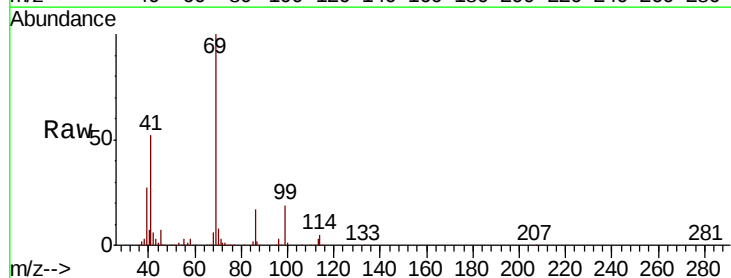
Instrument :
 MSVOA_Y
 ClientSampleId :

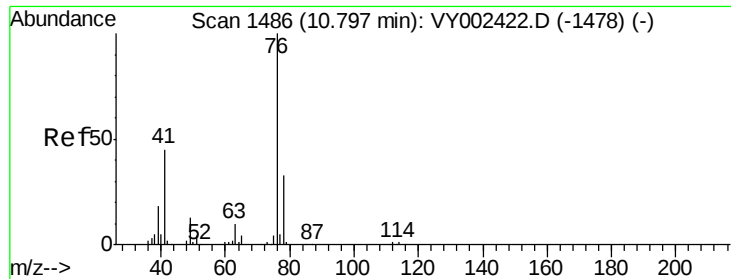
Tot Ion:	97	Resp:	101922
Ion	Ratio	Lower	Upper
97	100		
83	80.7	64.6	96.8
85	51.4	41.1	61.7
99	62.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 41.287 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion:	69	Resp:	134165
Ion	Ratio	Lower	Upper
69	100		
41	52.5	42.0	63.0
39	26.5	21.2	31.8

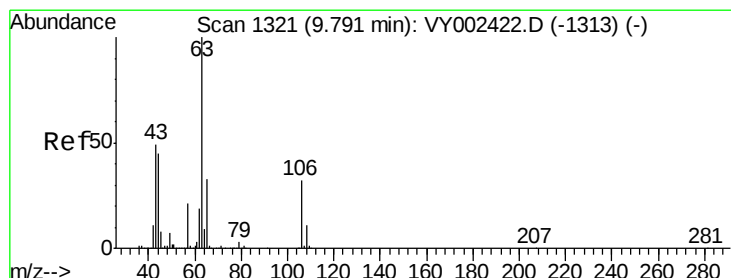
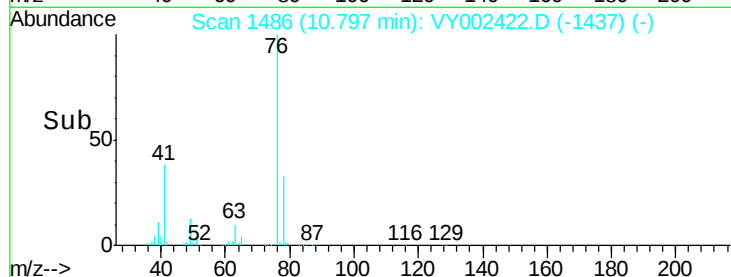
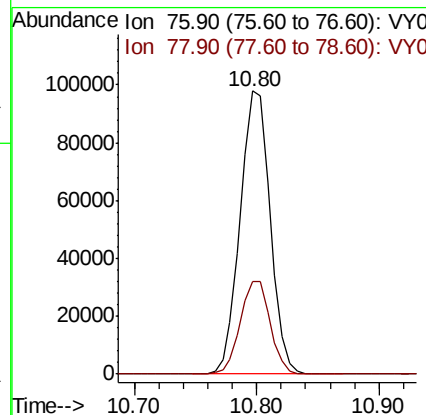
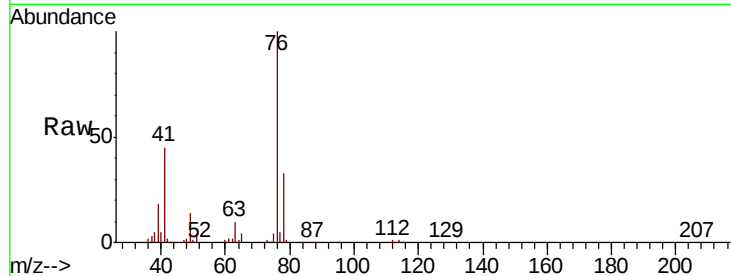




#57
 1,3-Dichloropropane
 Concen: 41.332 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

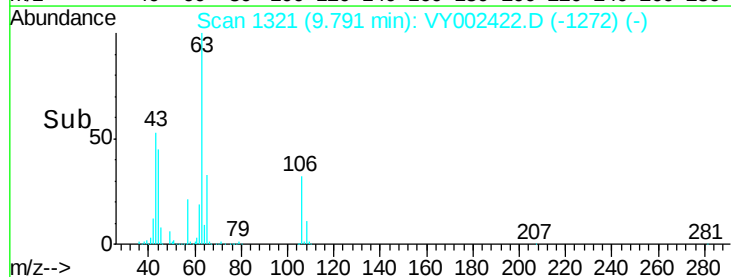
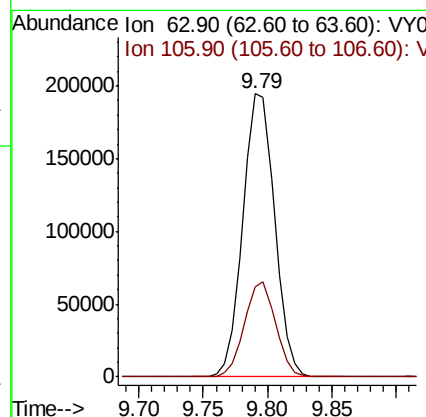
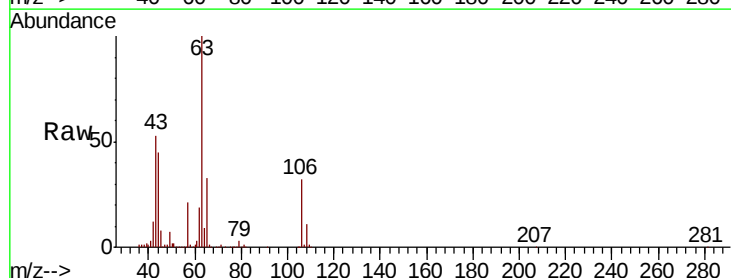
Instrument :
 MSVOA_Y
 ClientSampled :

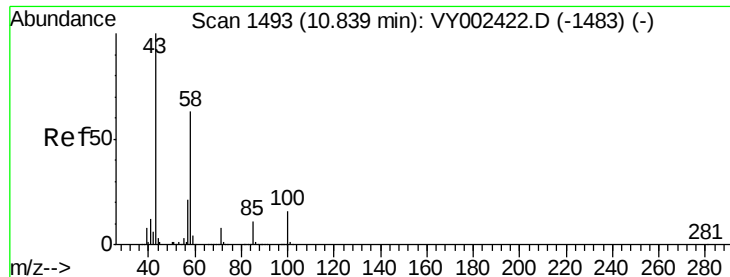
Tot Ion: 76 Resp: 166179
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 196.871 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 63 Resp: 331933
 Ion Ratio Lower Upper
 63 100
 106 32.8 26.2 39.4

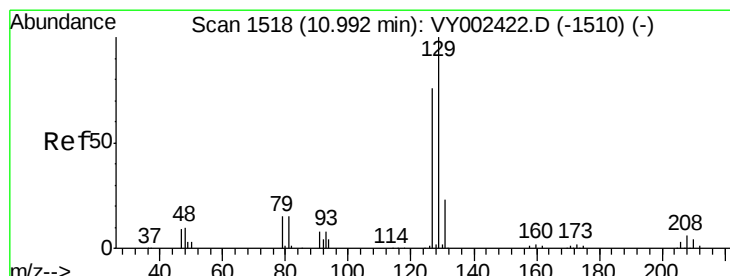
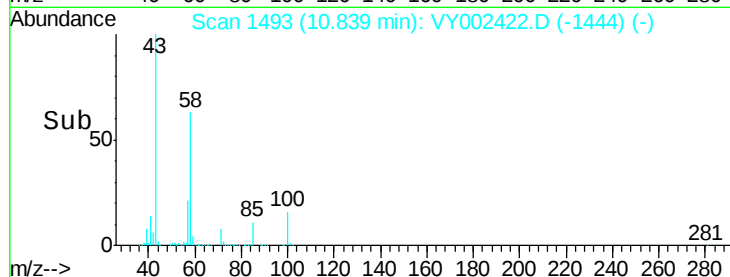
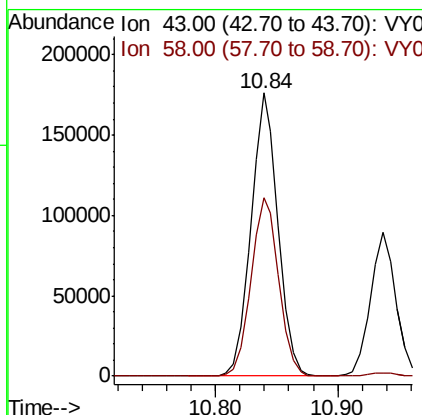
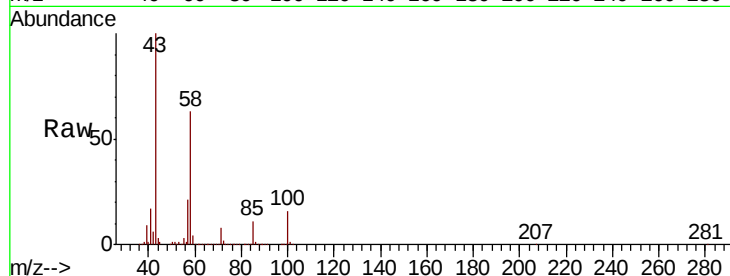




#59
2-Hexanone
Concen: 183.212 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

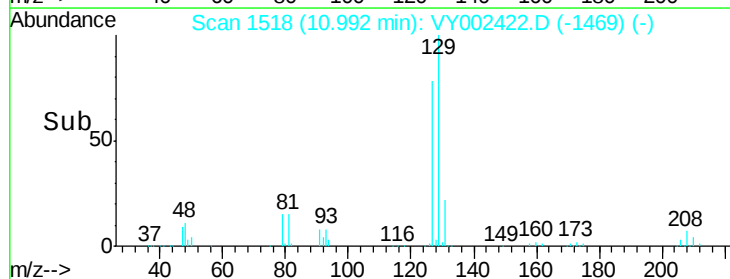
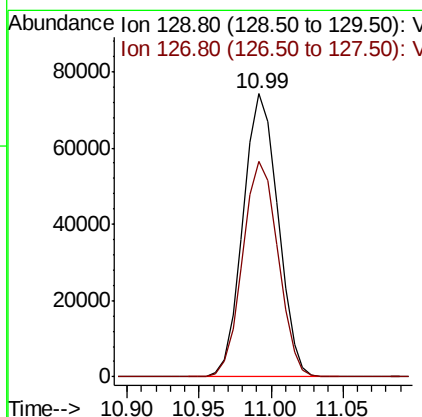
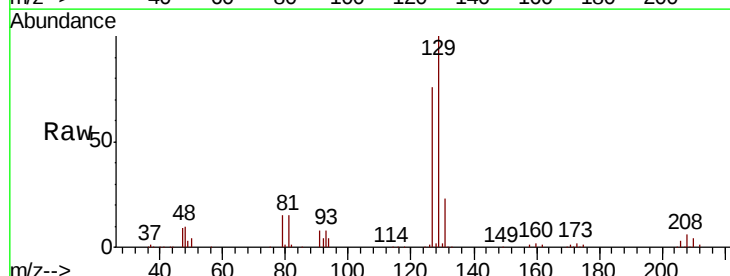
Instrument :
MSVOA_Y
ClientSampleId :

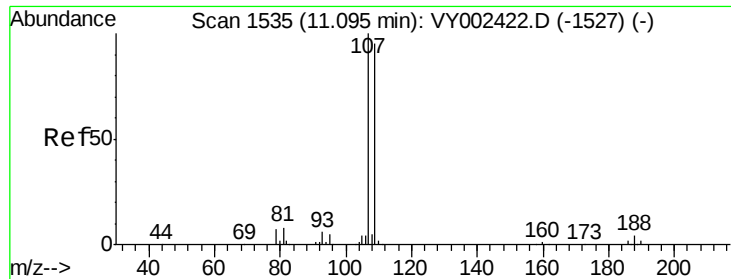
Tot Ion: 43 Resp: 269327
Ion Ratio Lower Upper
43 100
58 64.9 32.5 97.4



#60
Dibromochloromethane
Concen: 49.716 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 129 Resp: 124904
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

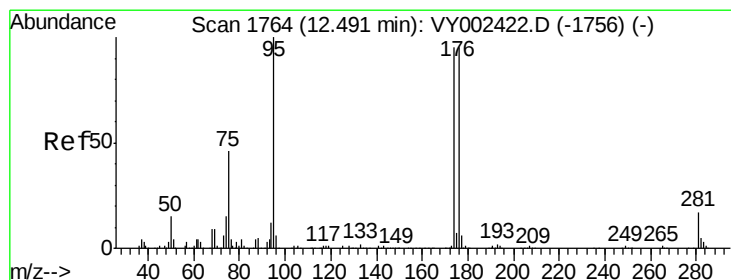
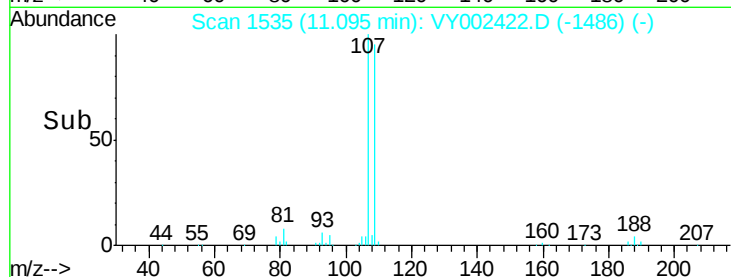
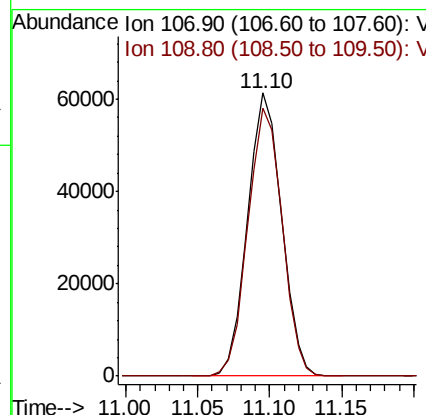
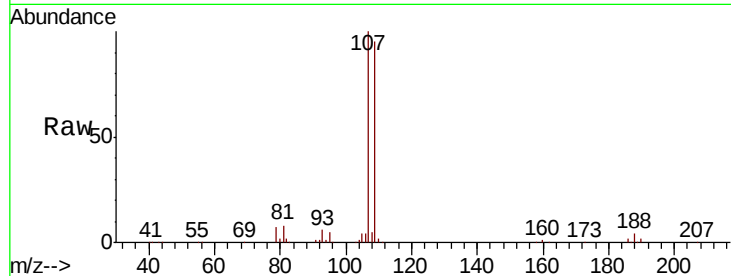




#61
 1,2-Dibromoethane
 Concen: 45.286 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

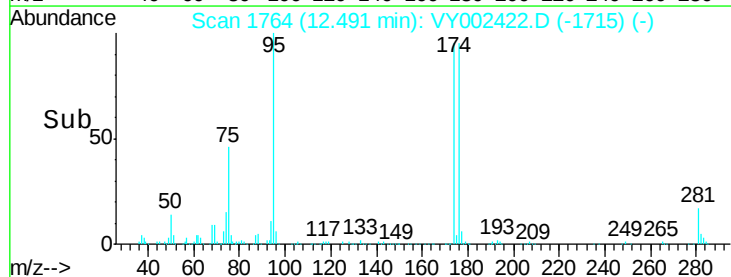
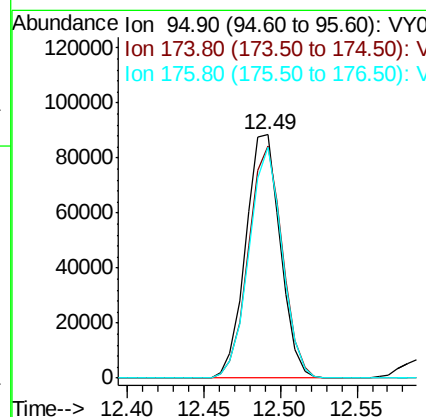
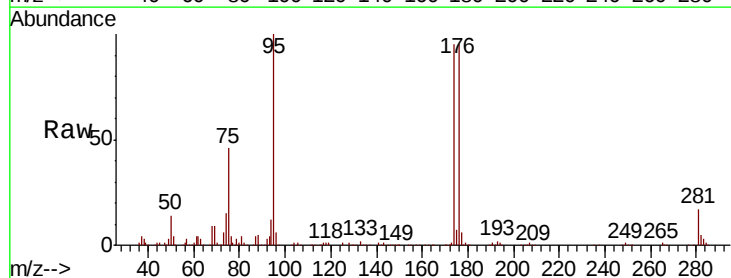
Instrument :
 MSVOA_Y
 ClientSampleId :

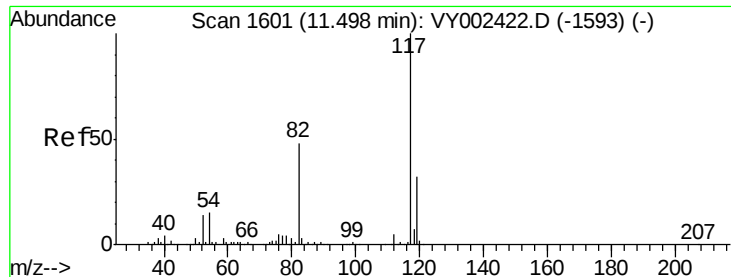
Tot Ion:107 Resp: 100236
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 42.167 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 95 Resp: 139255
 Ion Ratio Lower Upper
 95 100
 174 92.9 0.0 185.8
 176 90.6 0.0 181.2

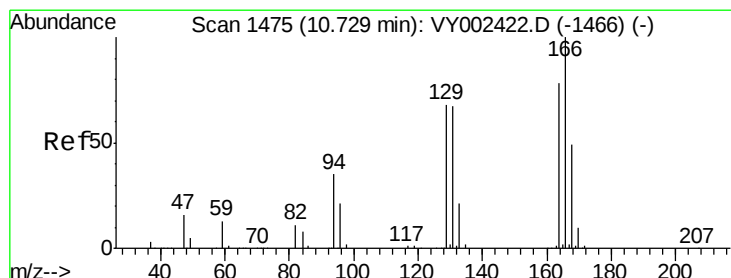
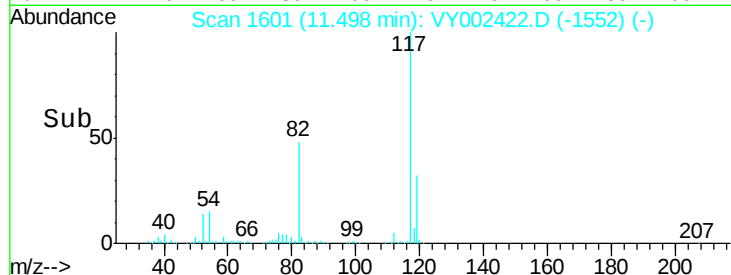
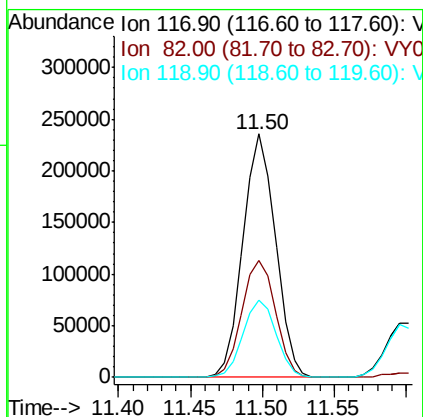
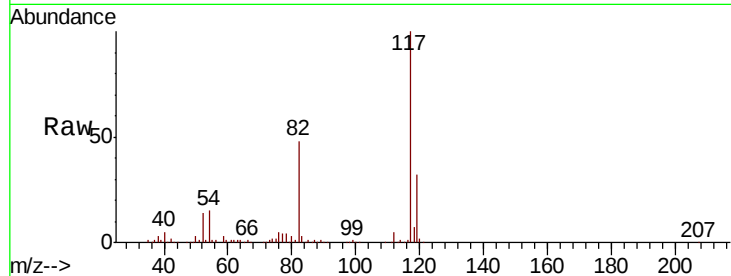




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

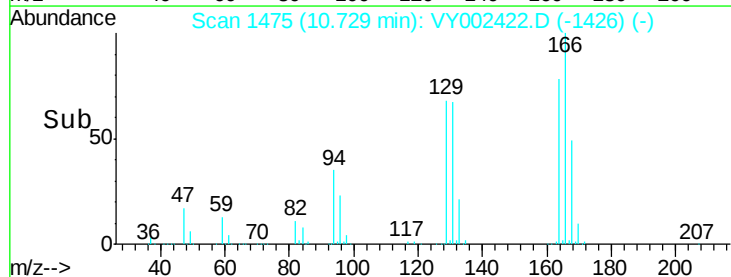
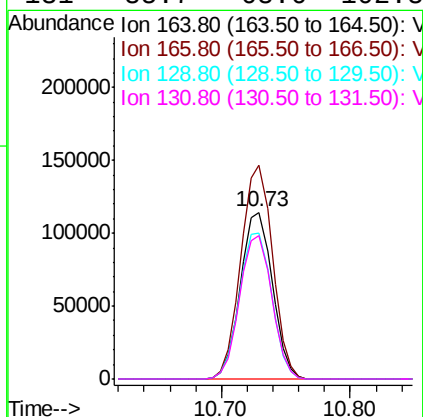
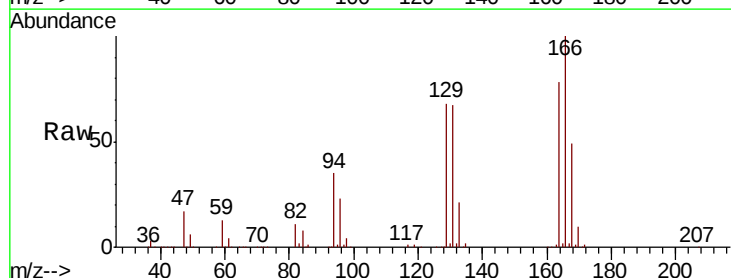
Instrument :
MSVOA_Y
ClientSampleId :

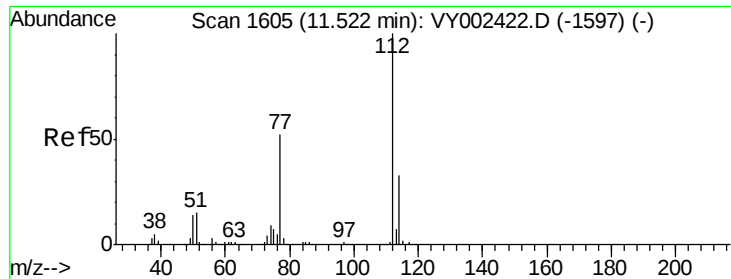
Tot Ion:117 Resp: 370135
Ion Ratio Lower Upper
117 100
82 48.0 38.4 57.6
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 51.957 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion:164 Resp: 196999
Ion Ratio Lower Upper
164 100
166 128.0 102.4 153.6
129 87.6 70.1 105.1
131 85.7 68.6 102.8

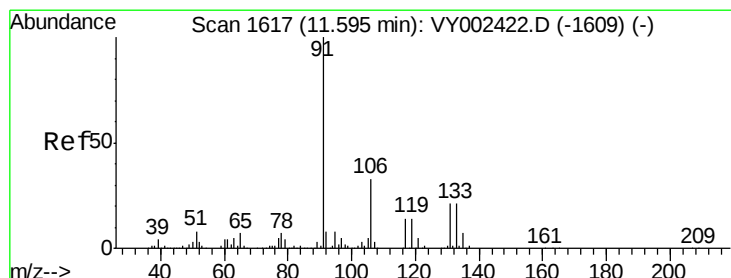
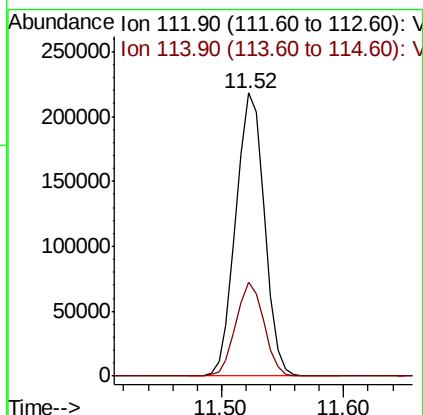
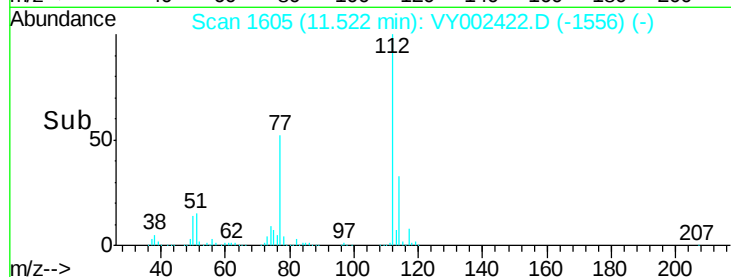
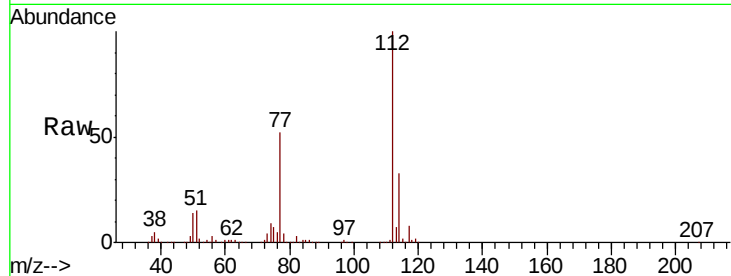




#65
Chlorobenzene
Concen: 46.236 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

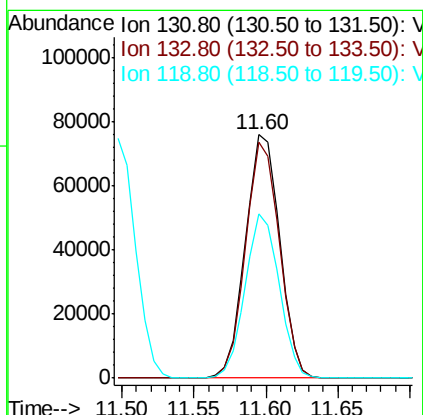
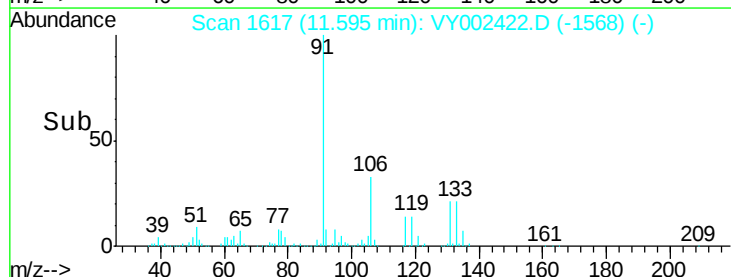
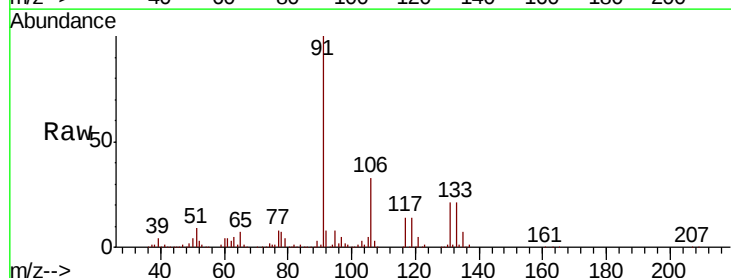
Instrument :
MSVOA_Y
ClientSampleId :

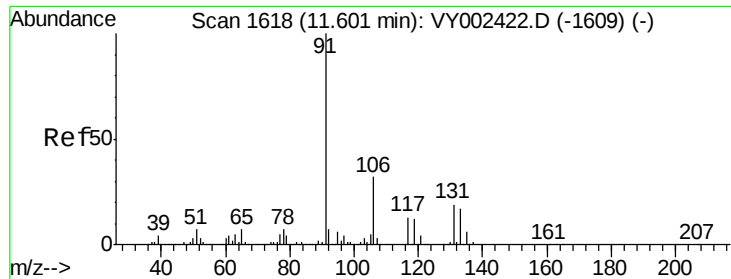
Tot Ion:112 Resp: 352341
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.322 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion:131 Resp: 125125
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 66.9 33.5 100.4

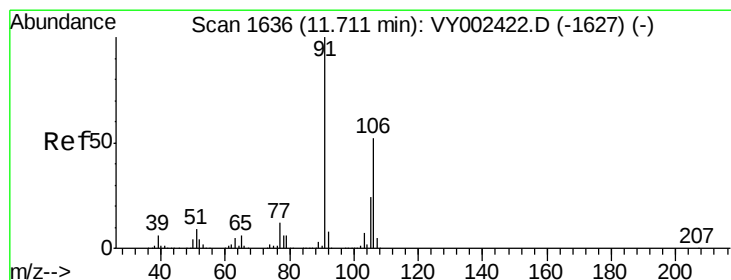
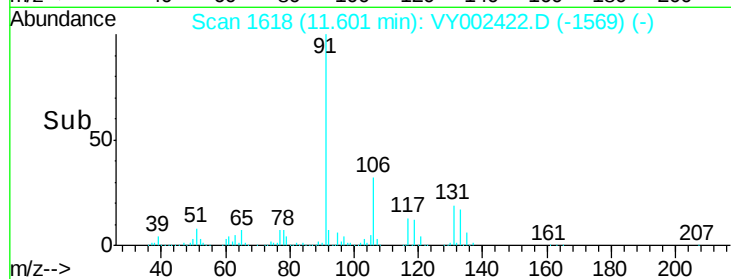
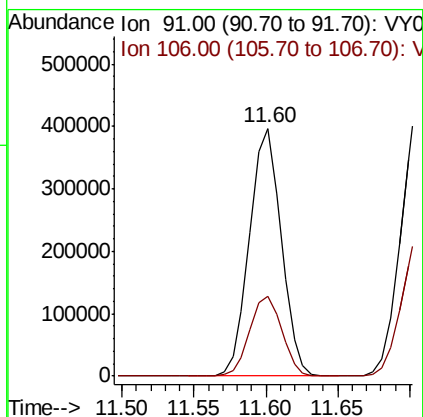
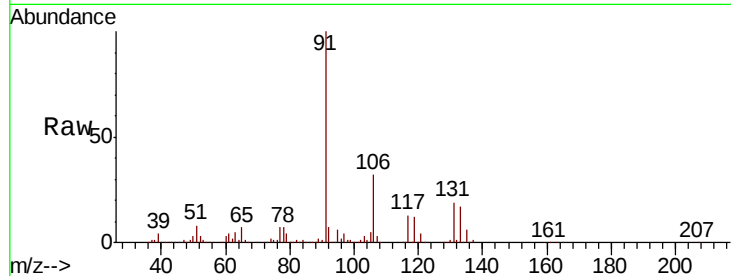




#67
Ethyl Benzene
Concen: 43.838 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

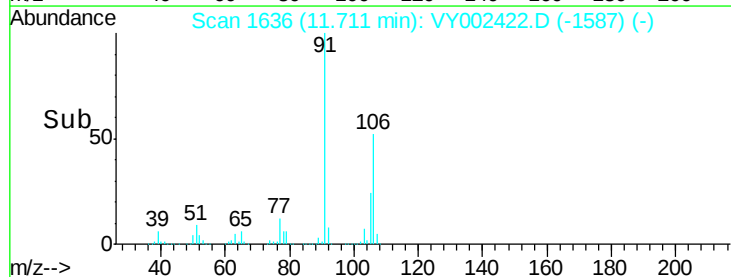
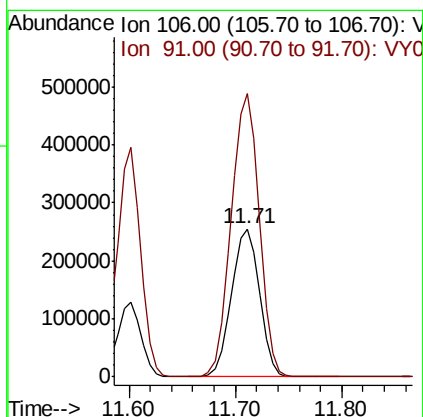
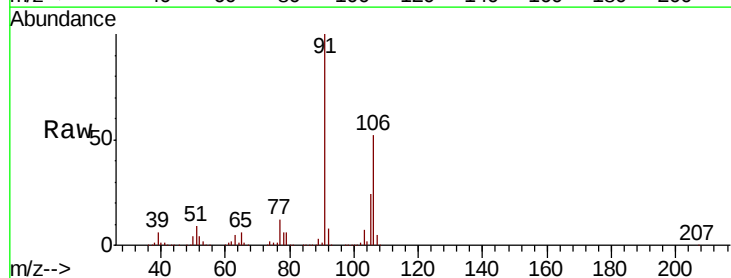
Instrument :
MSVOA_Y
ClientSampled :

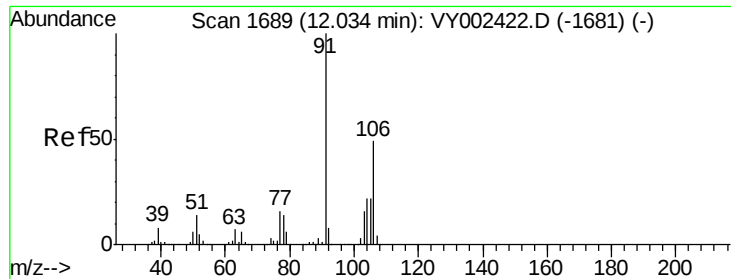
Tot Ion: 91 Resp: 605429
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 90.339 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 106 Resp: 470325
Ion Ratio Lower Upper
106 100
91 192.0 153.6 230.4

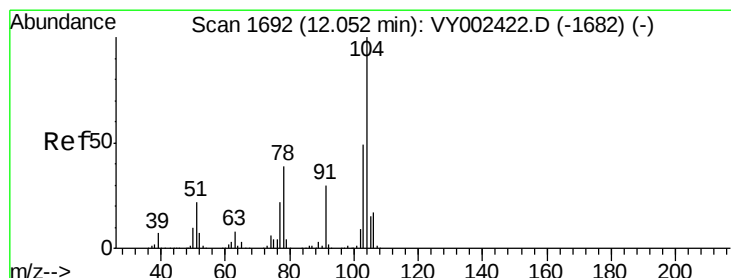
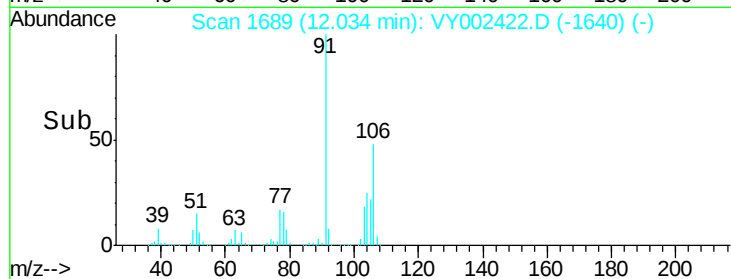
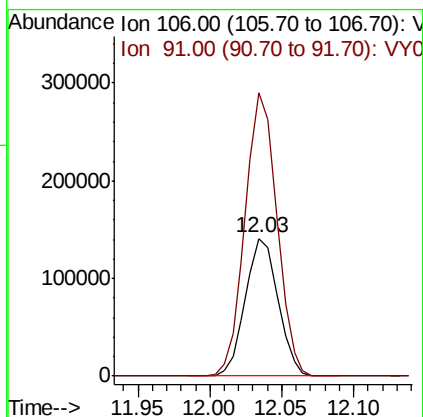
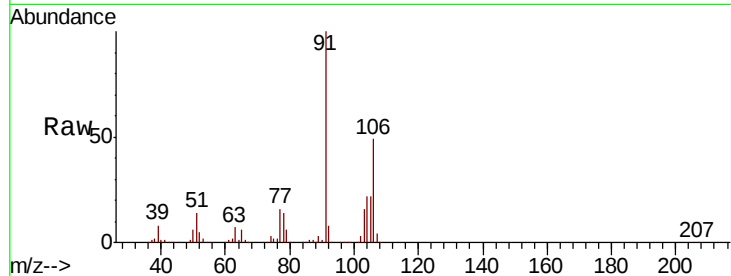




#69
o-Xylene
Concen: 45.411 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

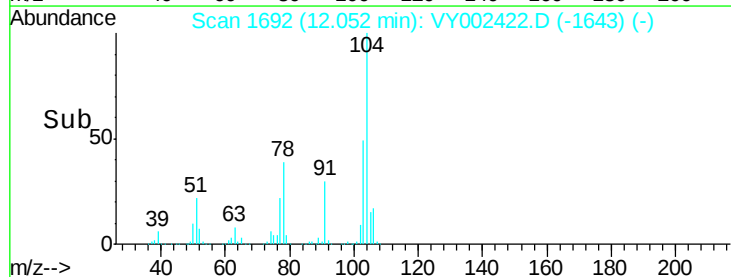
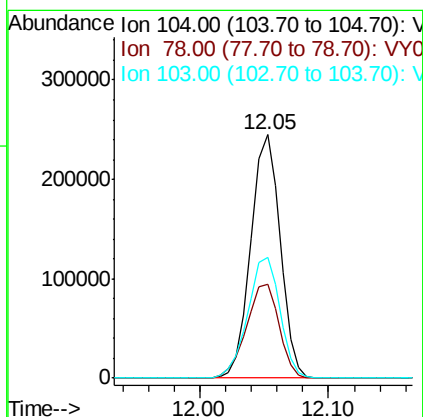
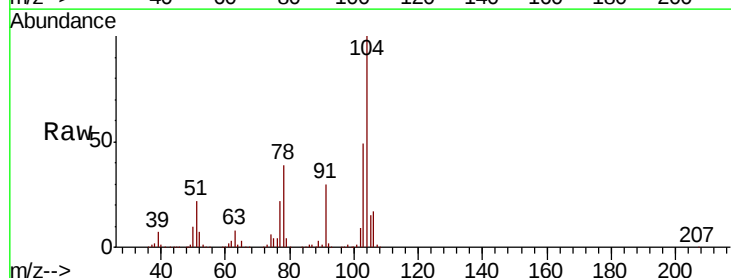
Instrument :
MSVOA_Y
ClientSampled :

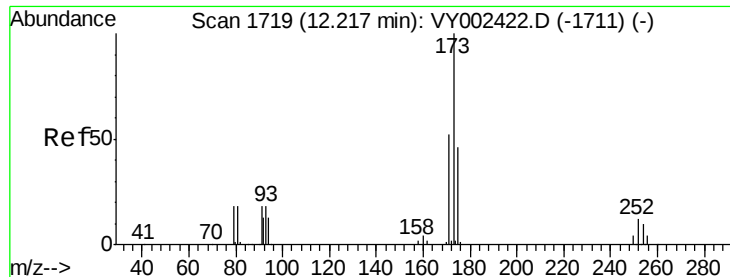
Tot Ion:106 Resp: 221954
Ion Ratio Lower Upper
106 100
91 200.8 100.4 301.2



#70
Styrene
Concen: 45.465 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion:104 Resp: 384980
Ion Ratio Lower Upper
104 100
78 43.1 34.5 51.7
103 54.3 43.4 65.2





#71

Bromoform

Concen: 55.264 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

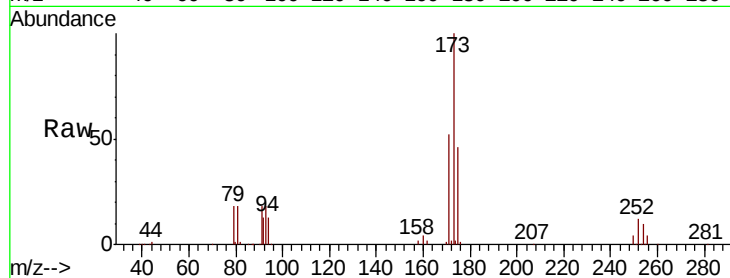
Tot Ion:173 Resp: 77757

Ion Ratio Lower Upper

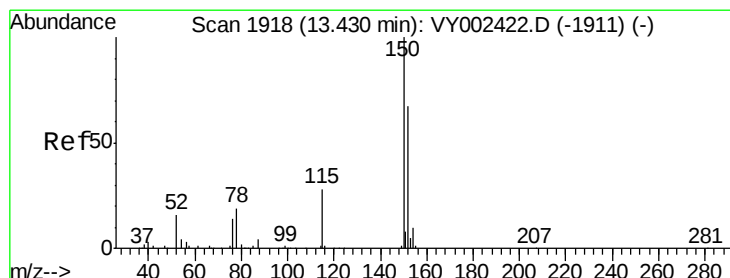
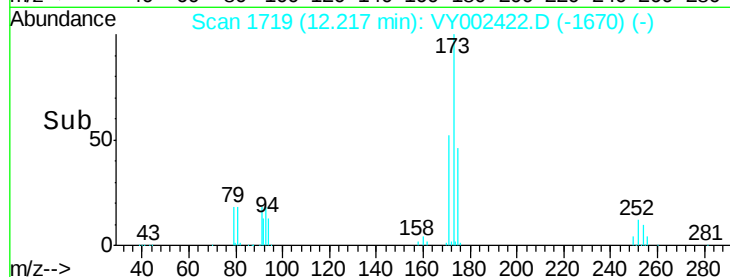
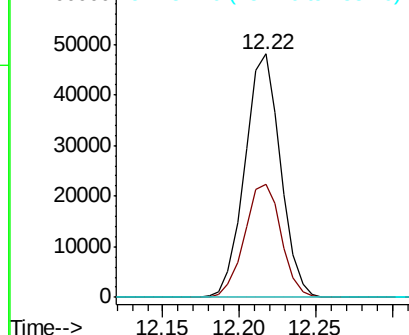
173 100

175 47.8 23.9 71.7

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

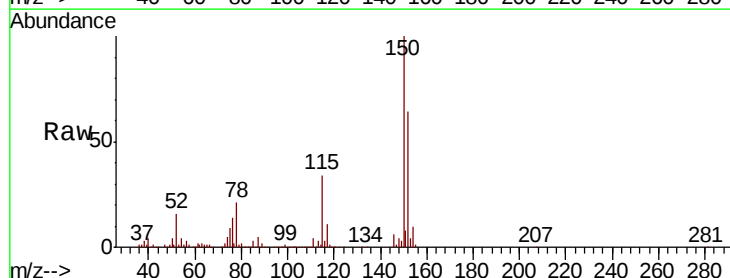
Tgt Ion:152 Resp: 182778

Ion Ratio Lower Upper

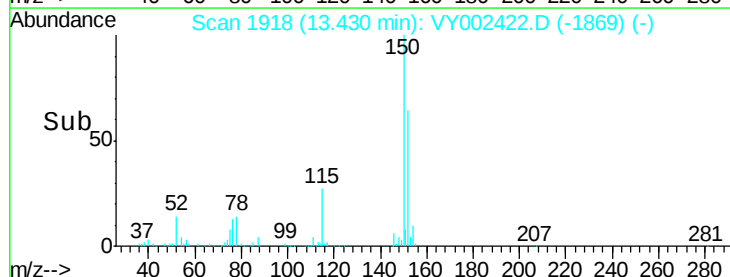
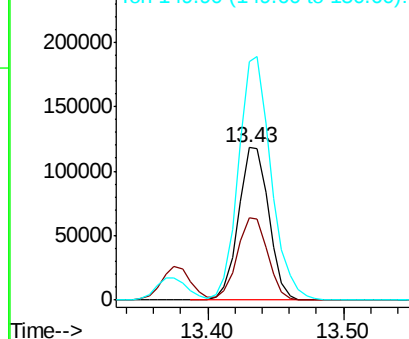
152 100

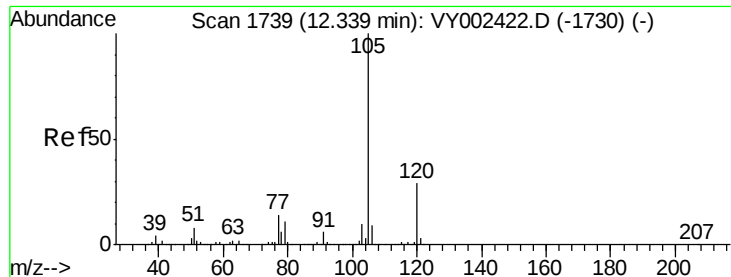
115 54.5 27.3 81.8

150 172.0 0.0 344.0



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

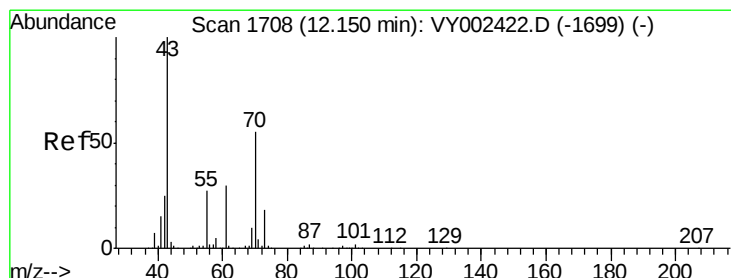
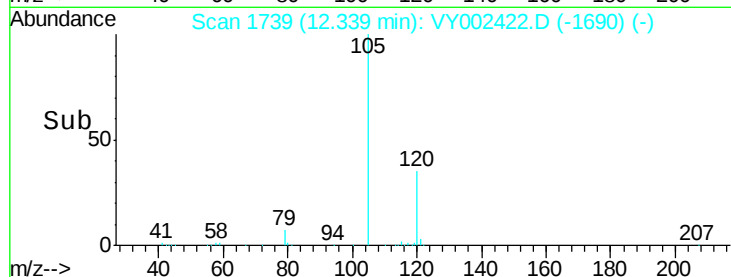
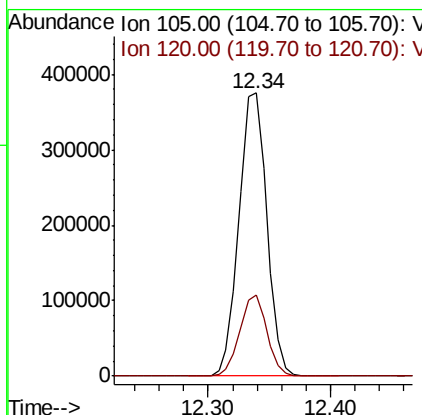
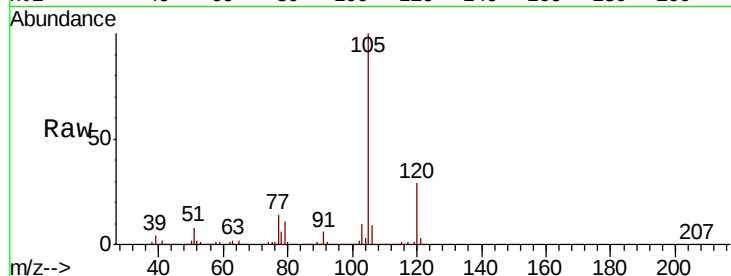




#73
Isopropylbenzene
Concen: 42.412 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

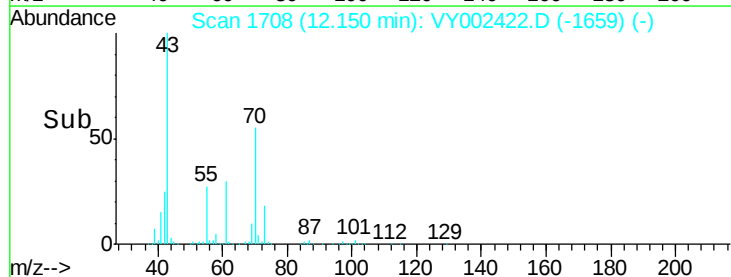
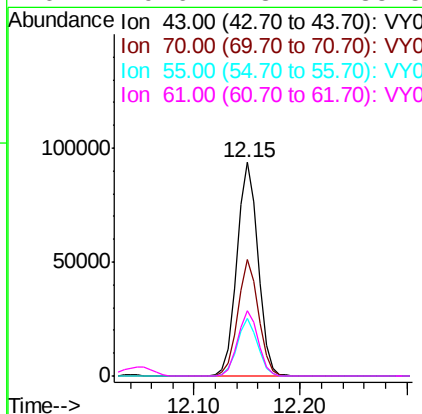
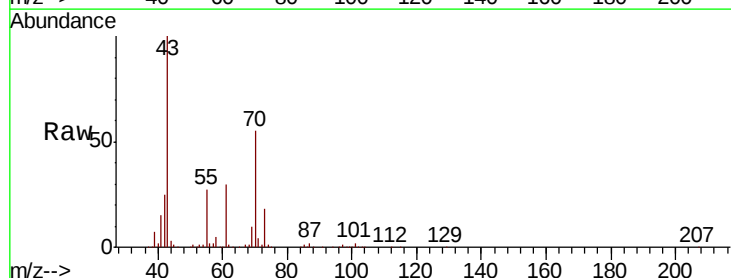
Instrument :
MSVOA_Y
ClientSampleId :

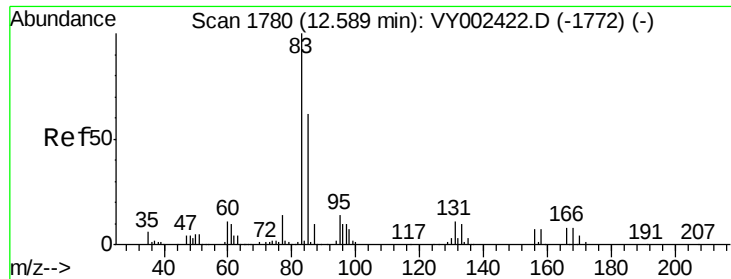
Tot Ion:105 Resp: 592597
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7



#74
N-ethyl acetate
Concen: 33.935 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion: 43 Resp: 130946
Ion Ratio Lower Upper
43 100
70 53.2 42.6 63.8
55 26.2 21.0 31.4
61 29.6 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.415 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

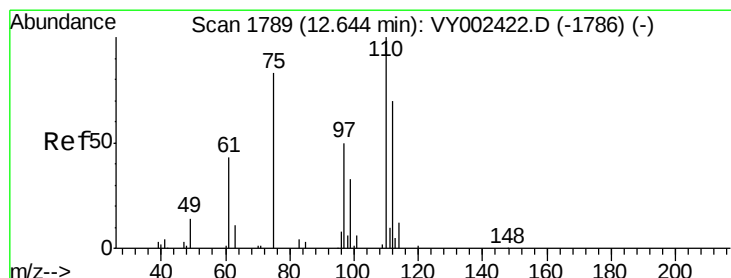
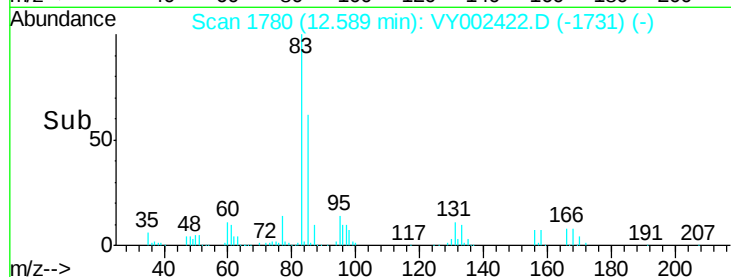
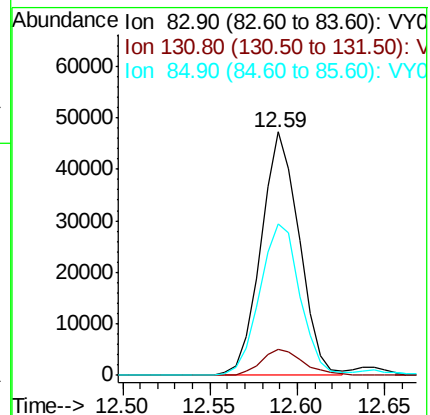
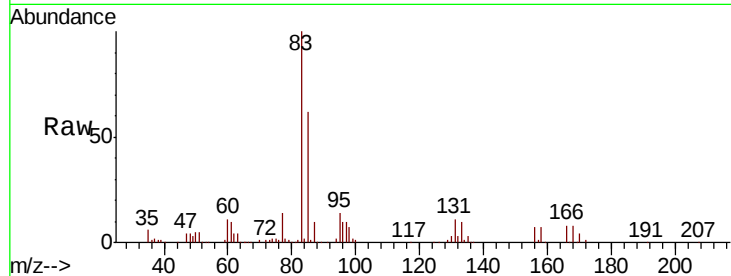
Tot Ion: 83 Resp: 71827

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.6

85 65.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 71.881 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002422.D

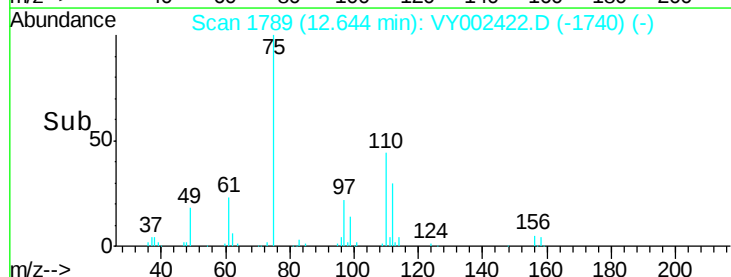
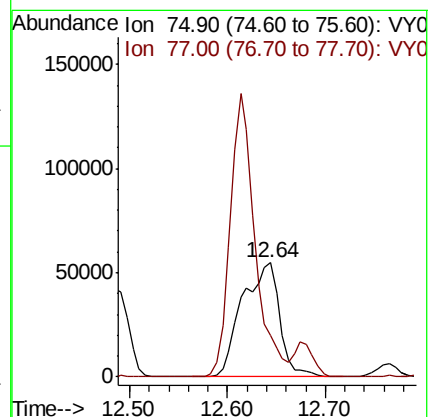
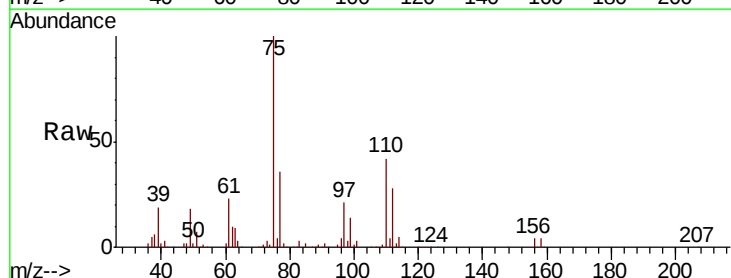
Acq: 20 Apr 2020 14:16

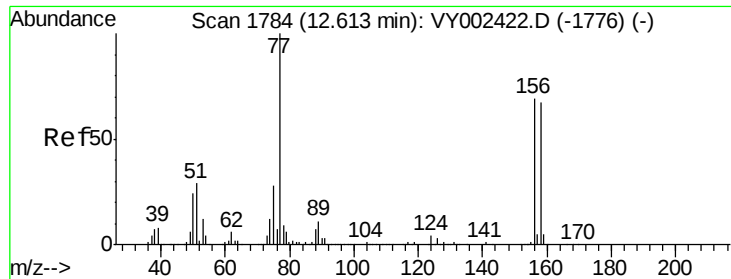
Tgt Ion: 75 Resp: 146083

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.537 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

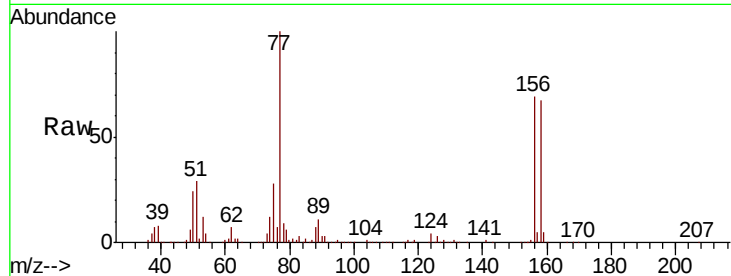
Tot Ion:156 Resp: 149246

Ion Ratio Lower Upper

156 100

77 160.4 80.2 240.6

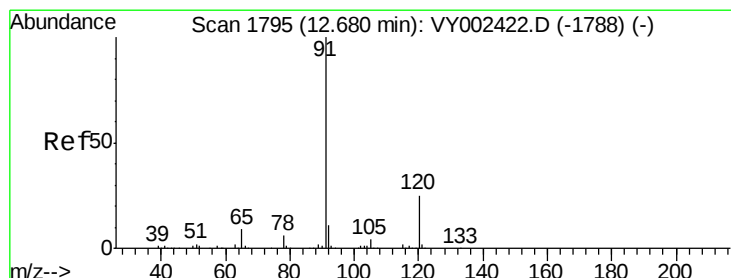
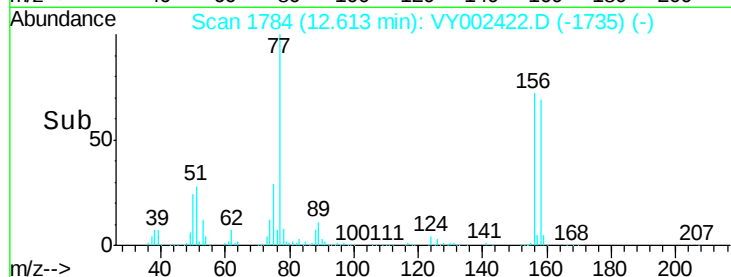
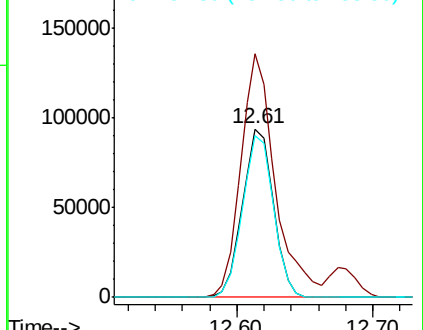
158 96.7 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 40.068 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002422.D

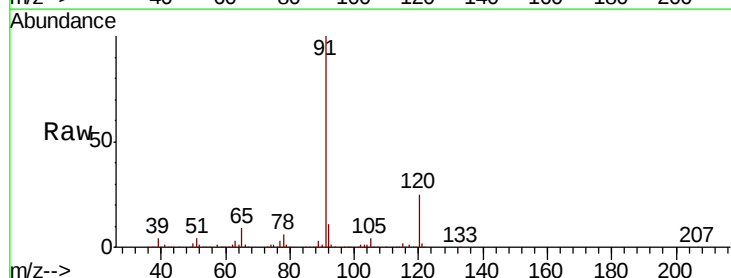
Acq: 20 Apr 2020 14:16

Tgt Ion: 91 Resp: 692014

Ion Ratio Lower Upper

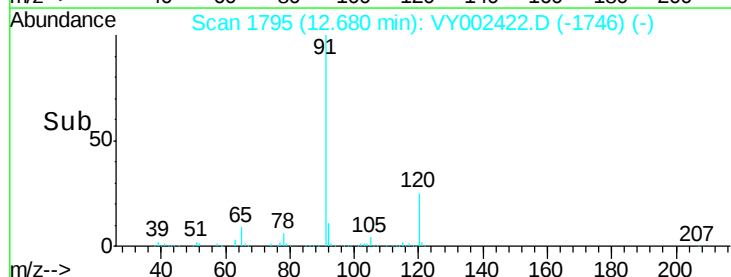
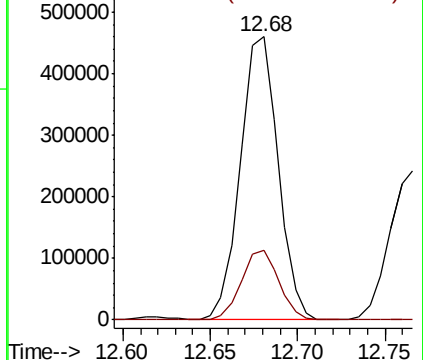
91 100

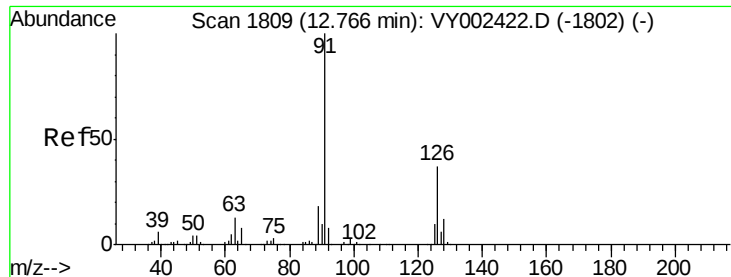
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

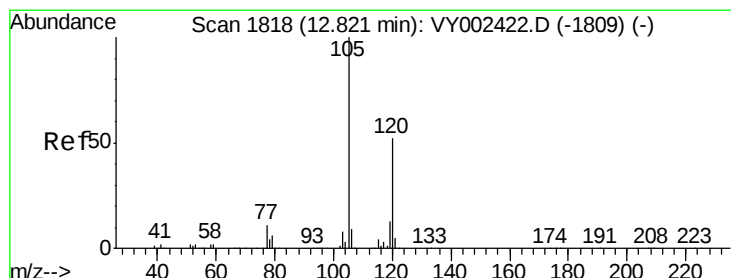
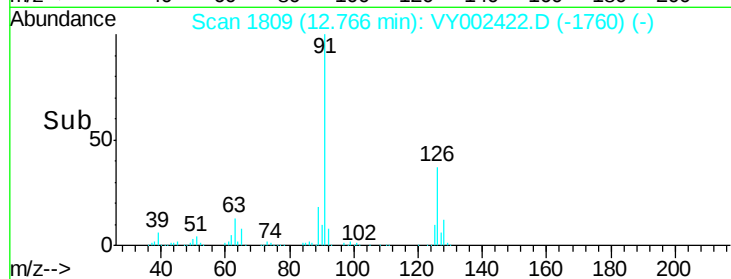
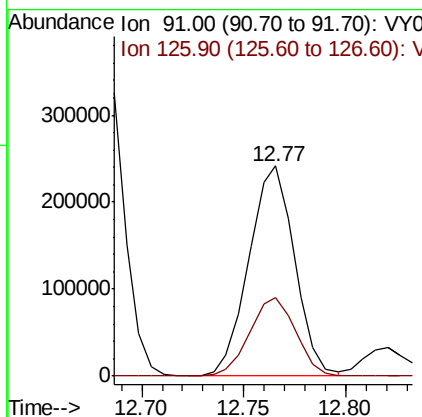
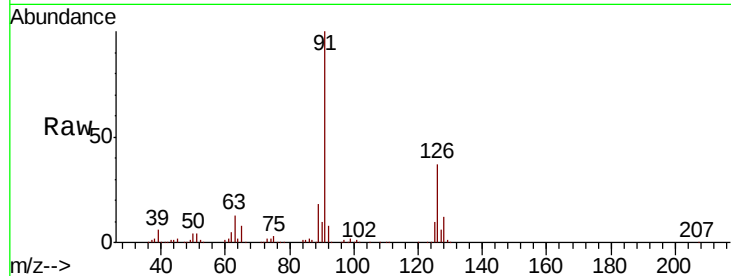




#79
 2-Chlorotoluene
 Concen: 40.155 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

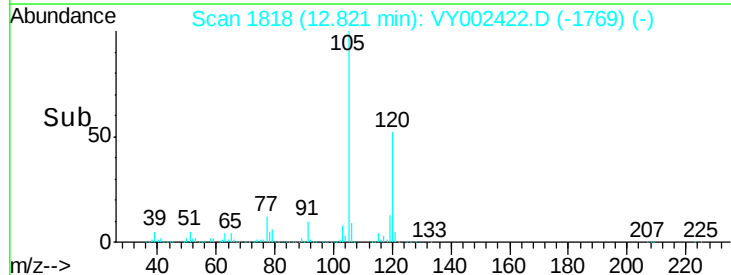
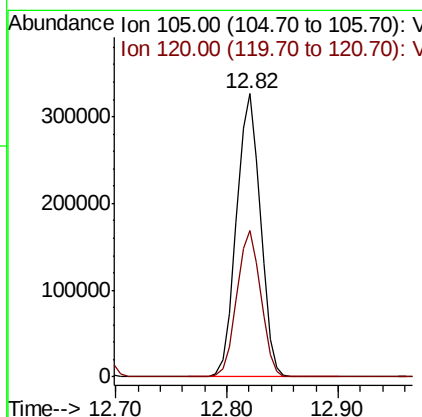
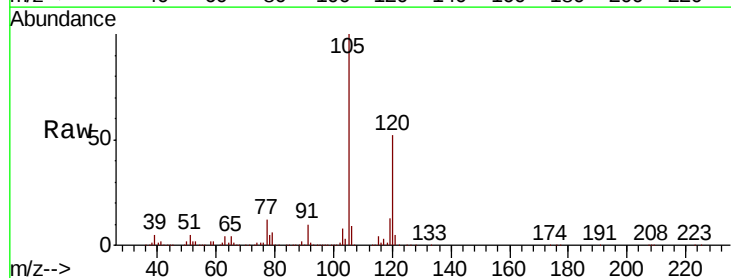
Instrument :
 MSVOA_Y
 ClientSampleId :

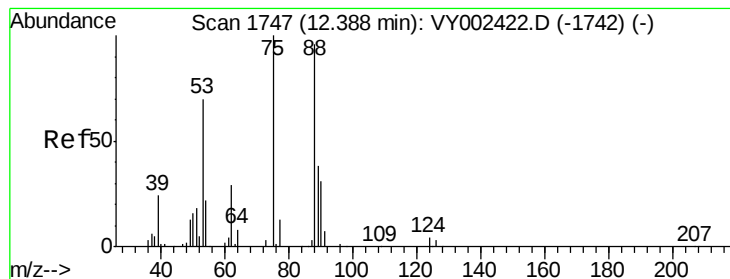
Tot Ion: 91 Resp: 377111
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 42.000 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion: 105 Resp: 485009
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 39.799 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

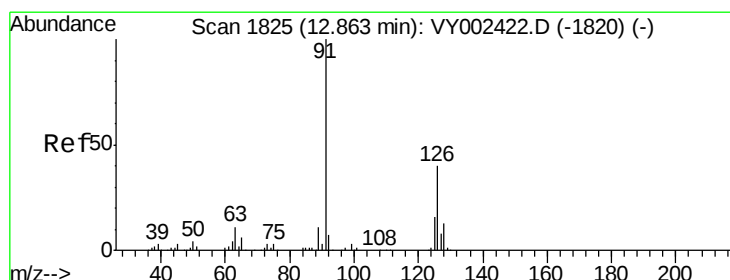
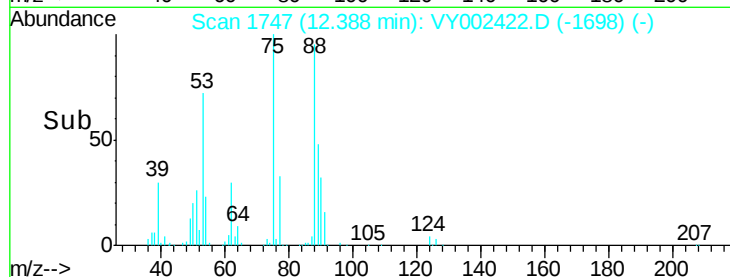
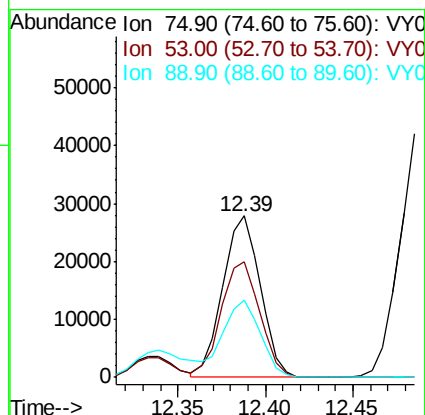
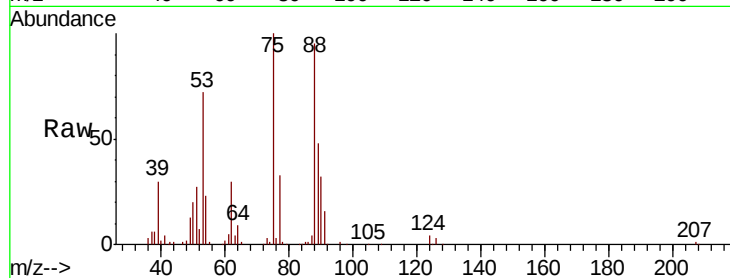
Tot Ion: 75 Resp: 41677

Ion Ratio Lower Upper

75 100

53 73.4 58.7 88.1

89 47.4 37.9 56.9



#82

4-Chlorotoluene

Concen: 40.271 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002422.D

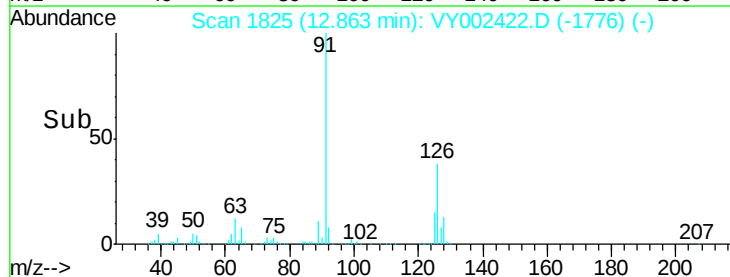
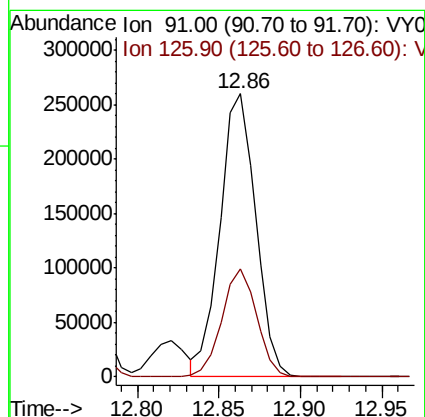
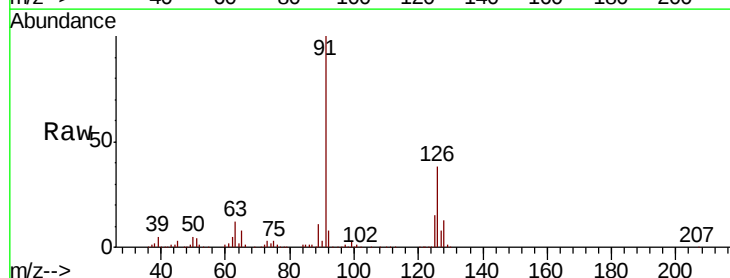
Acq: 20 Apr 2020 14:16

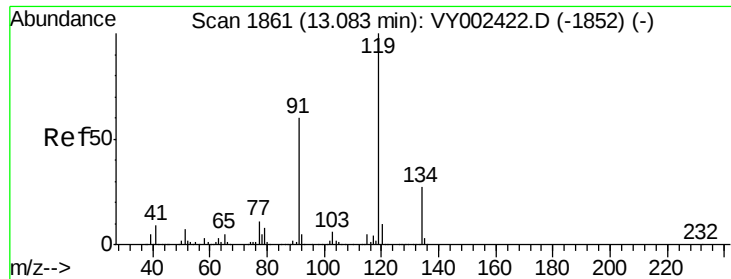
Tgt Ion: 91 Resp: 396389

Ion Ratio Lower Upper

91 100

126 37.3 0.0 0.0#

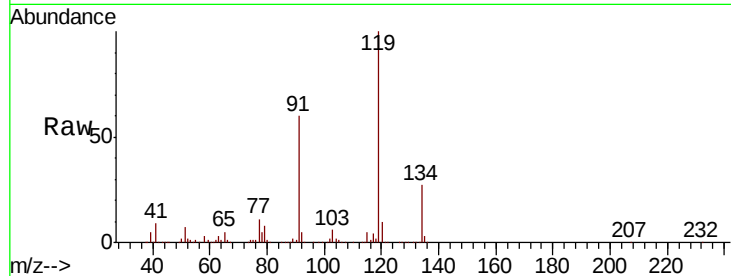




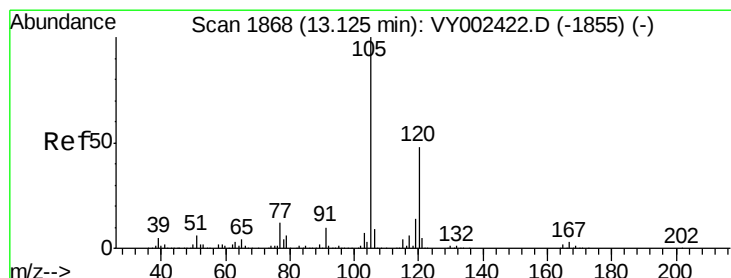
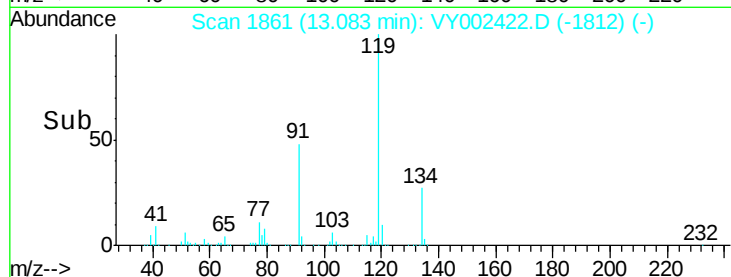
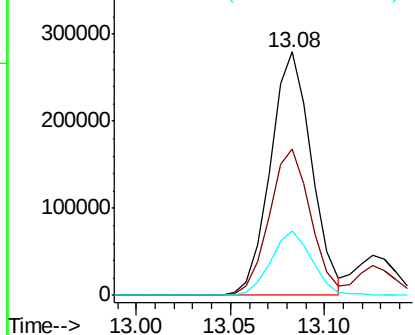
#83
 tert-Butylbenzene
 Concen: 43.410 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 421503
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.2 90.6
 134 26.6 13.3 39.9

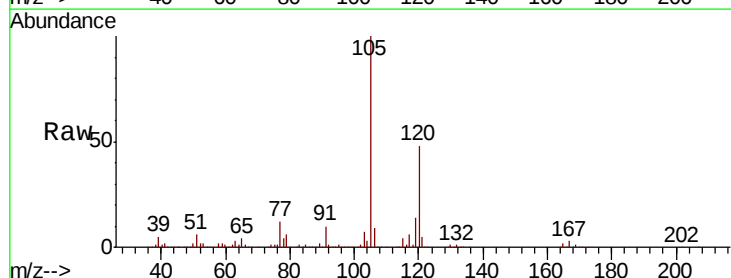


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

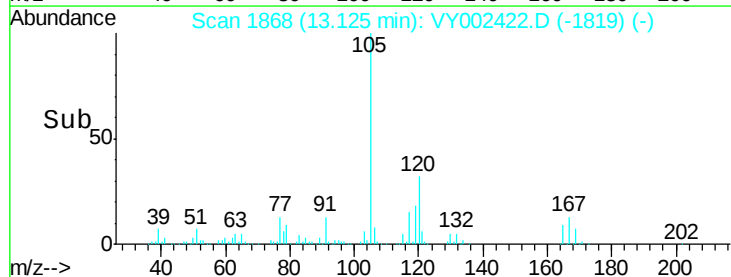
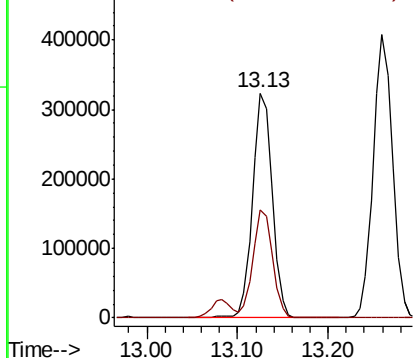


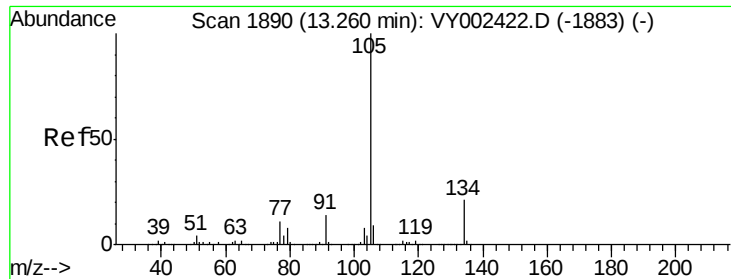
#84
 1,2,4-Trimethylbenzene
 Concen: 42.057 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion:105 Resp: 485291
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7



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





#85

sec-Butylbenzene

Concen: 41.931 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

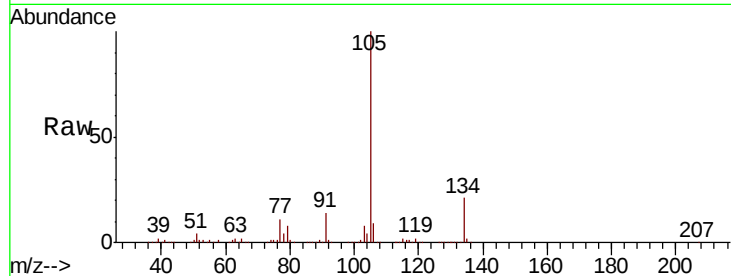
ClientSampleId :

Tot Ion:105 Resp: 605002

Ion Ratio Lower Upper

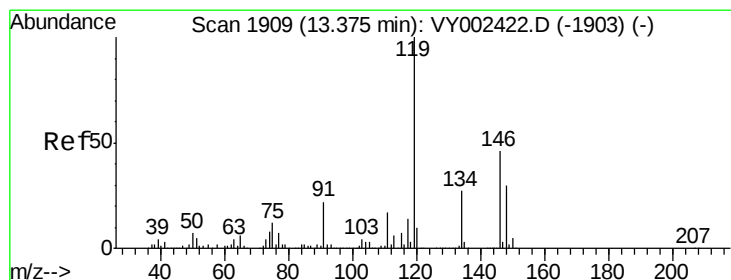
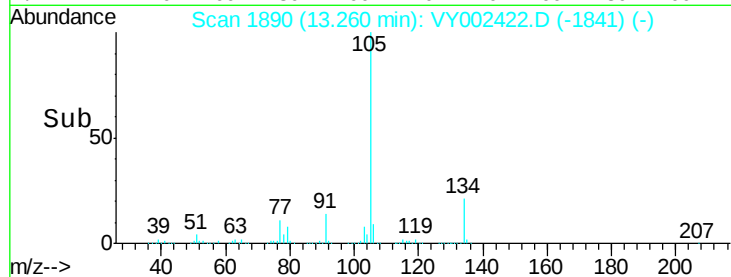
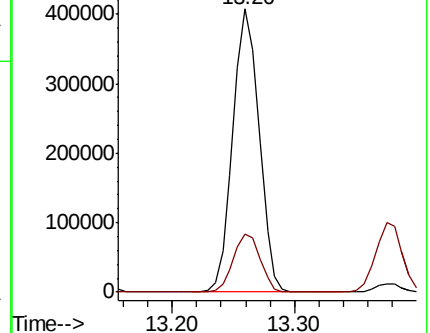
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.901 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

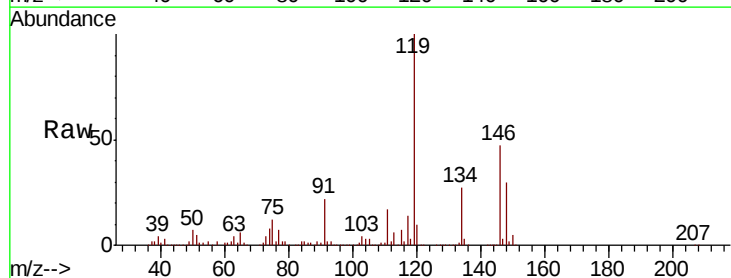
Tgt Ion:119 Resp: 548273

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

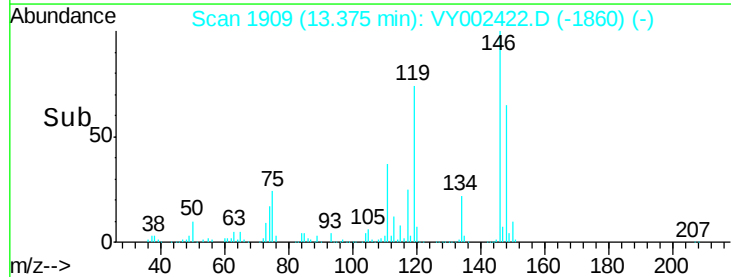
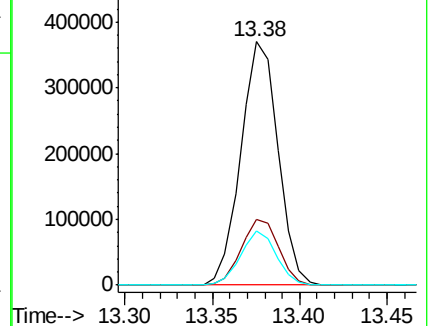
91 21.4 10.7 32.1

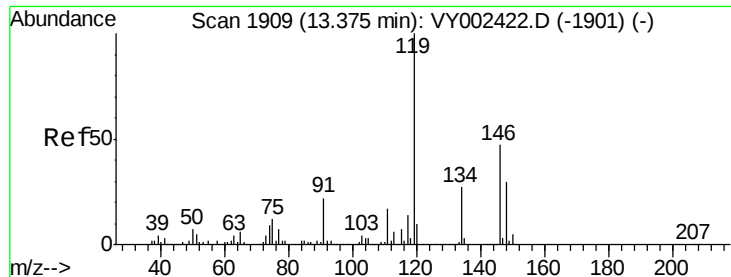


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

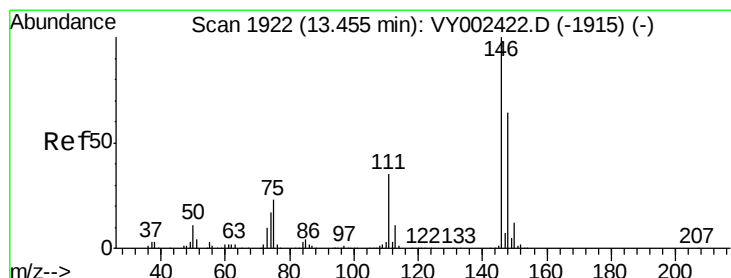
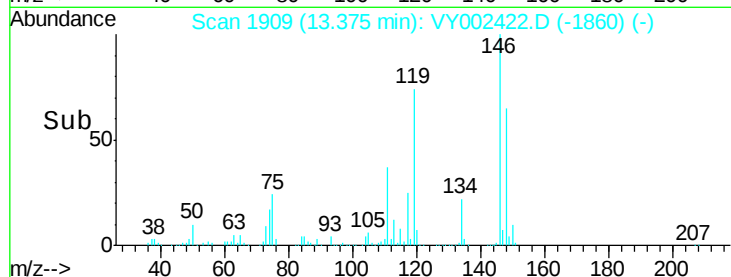
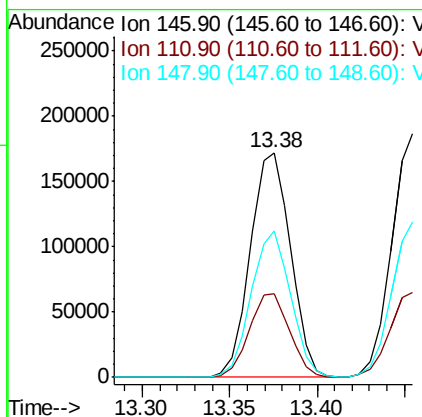
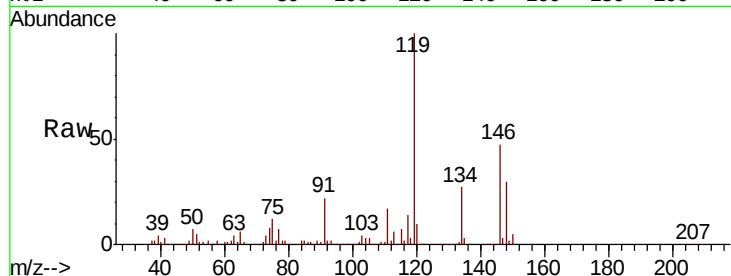




#87
 1,3-Dichlorobenzene
 Concen: 45.552 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

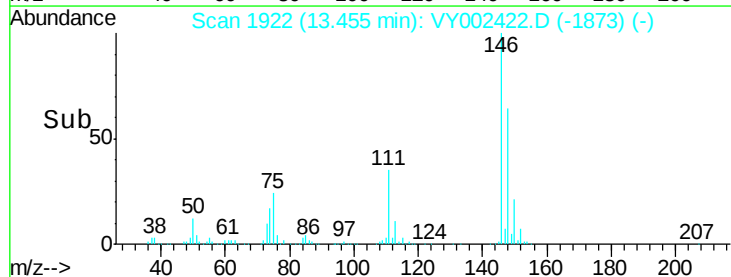
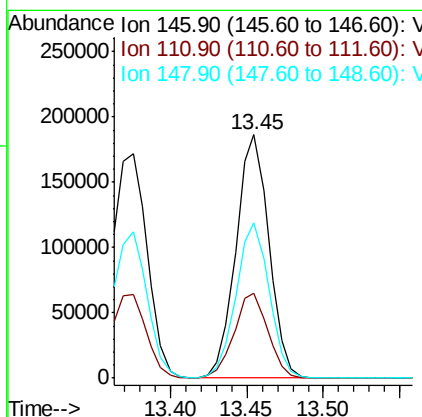
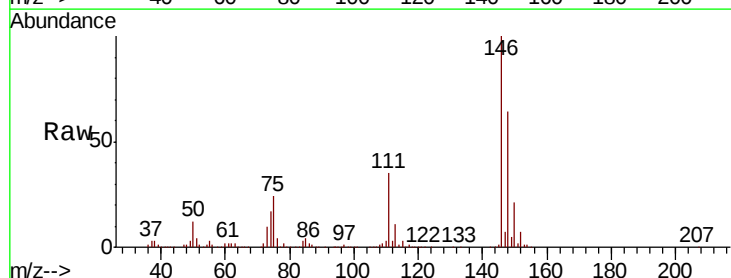
Instrument :
 MSVOA_Y
 ClientSampled :

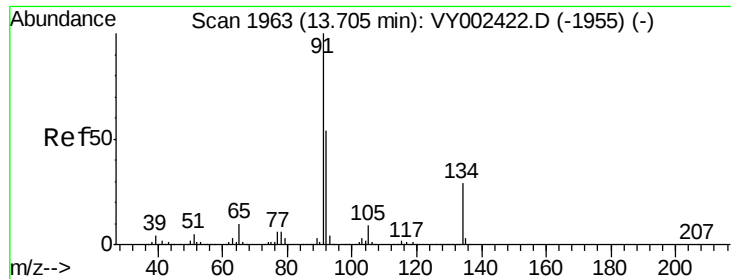
Tot Ion:146 Resp: 275676
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.189 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion:146 Resp: 277954
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.9 53.8
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 40.165 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002422.D

Acq: 20 Apr 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

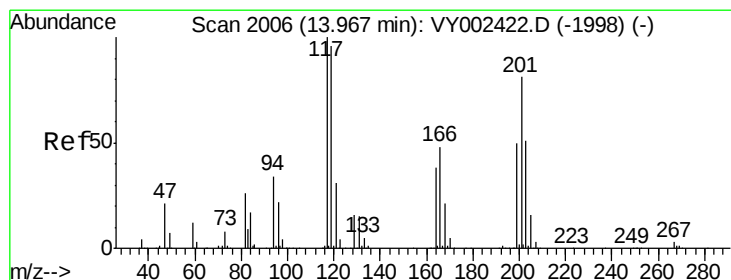
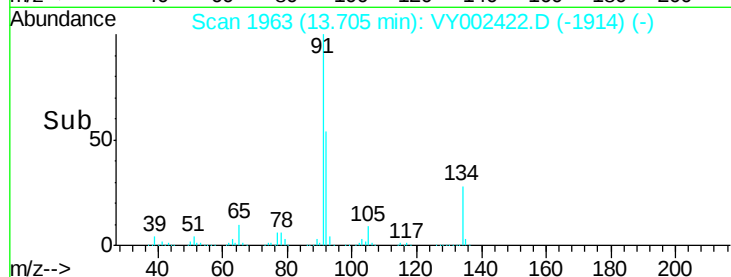
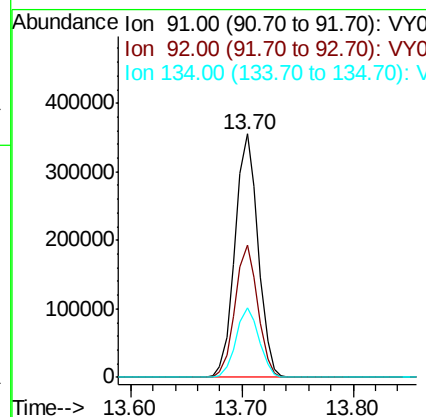
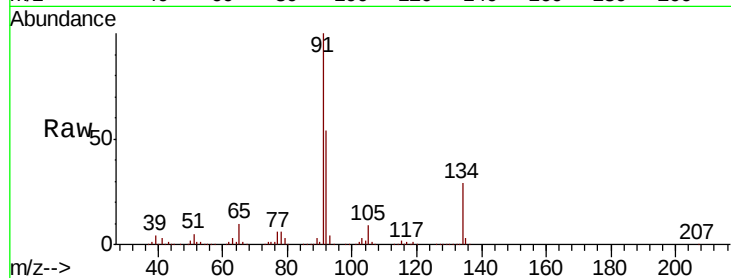
Tot Ion: 91 Resp: 508217

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 28.8 14.4 43.2



#90

Hexachloroethane

Concen: 43.004 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002422.D

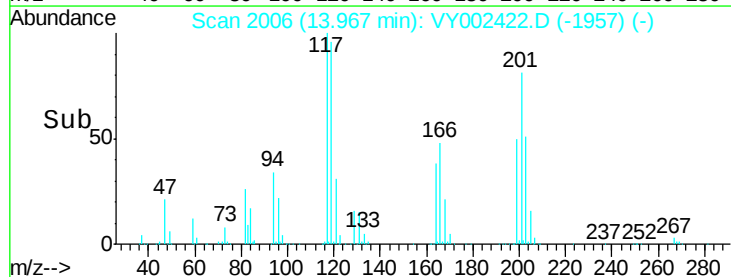
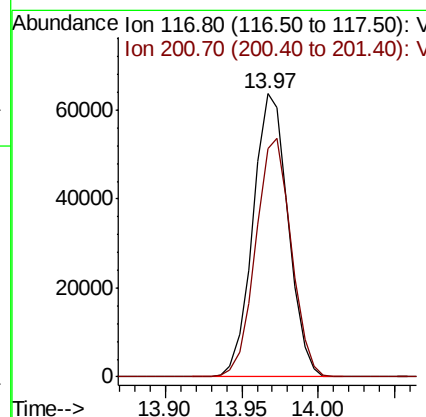
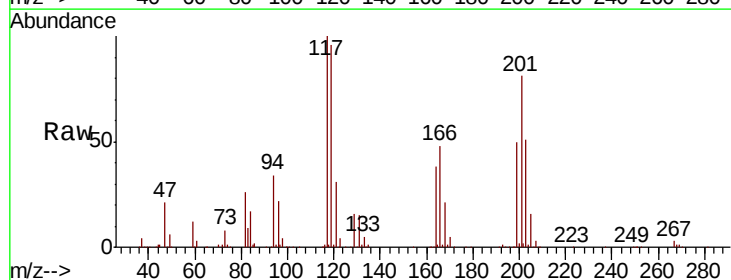
Acq: 20 Apr 2020 14:16

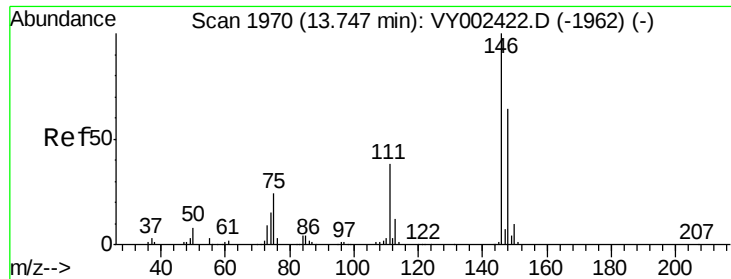
Tgt Ion: 117 Resp: 102144

Ion Ratio Lower Upper

117 100

201 85.0 42.5 127.5

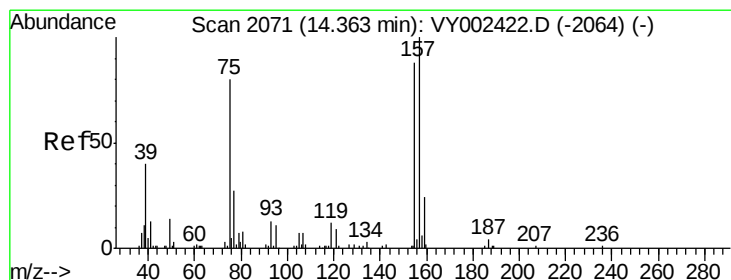
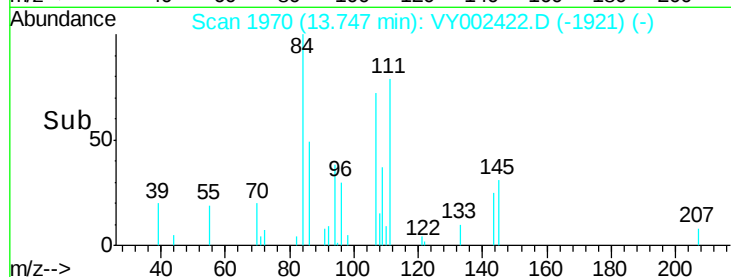
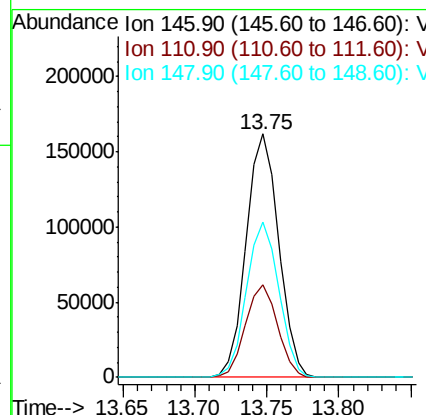
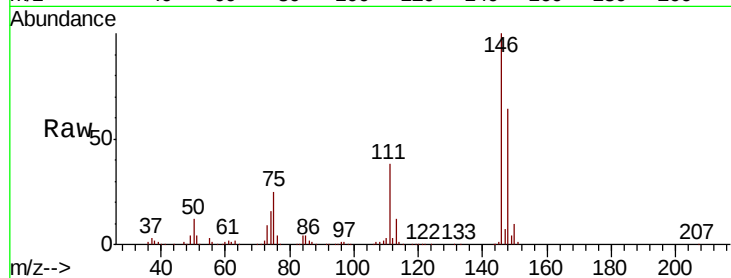




#91
 1,2-Dichlorobenzene
 Concen: 45.953 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

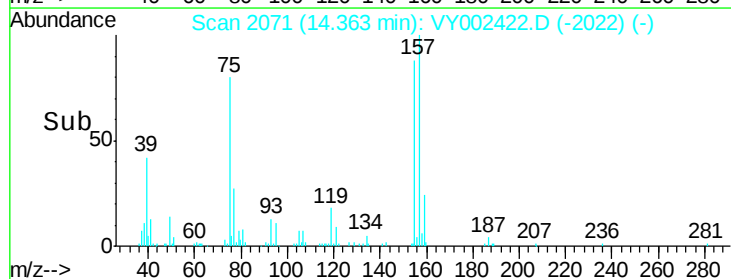
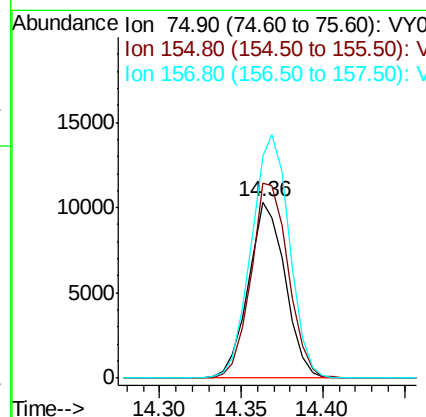
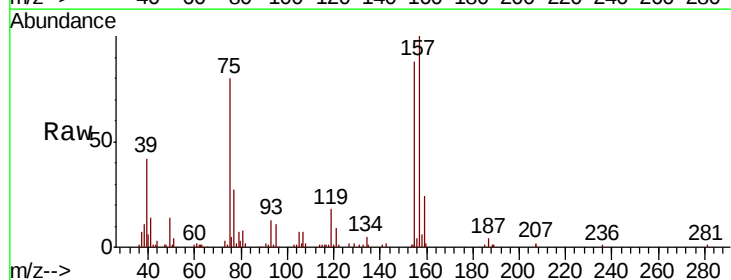
Instrument :
 MSVOA_Y
 ClientSampleId :

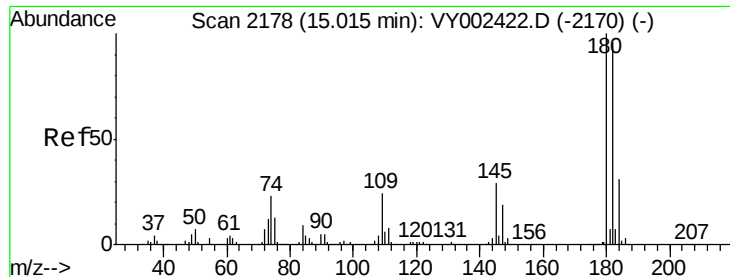
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.752 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	112.2	56.1	168.3
157	143.0	71.5	214.5

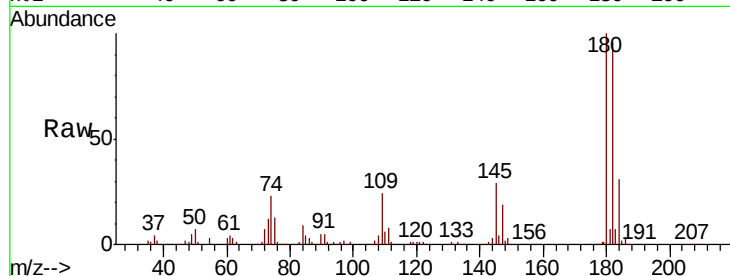




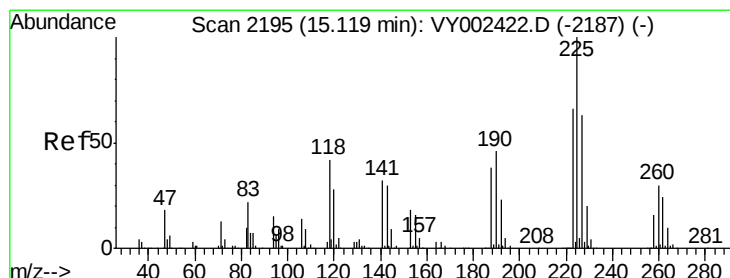
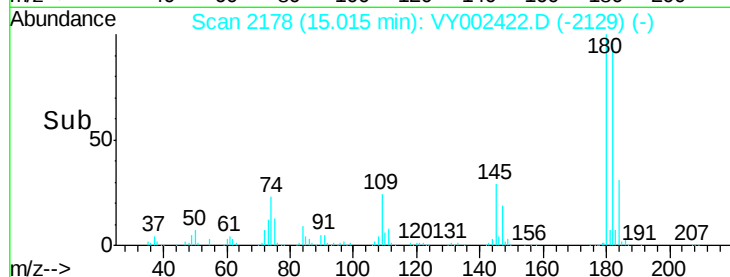
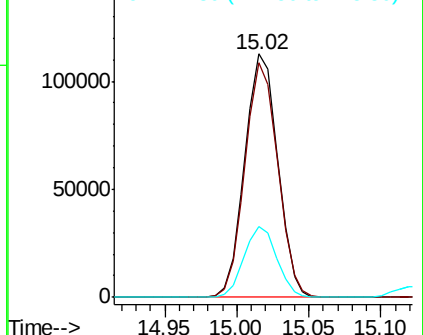
#93
 1,2,4-Trichlorobenzene
 Concen: 48.905 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.1	14.5	43.6

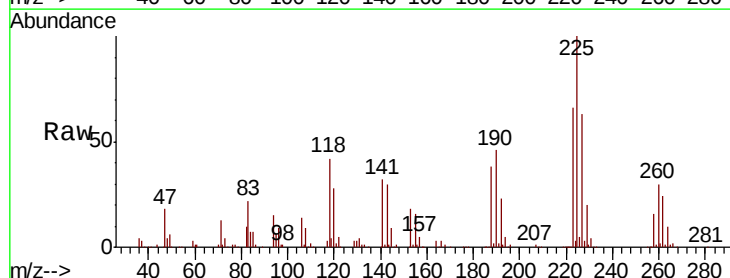


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

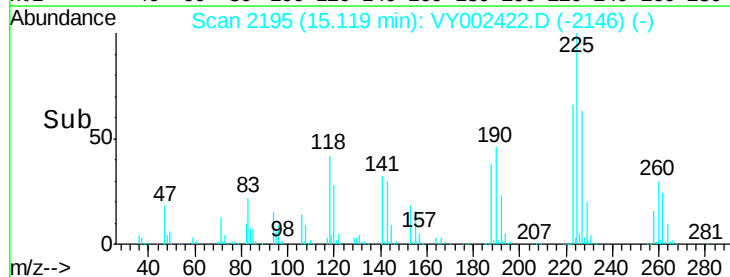
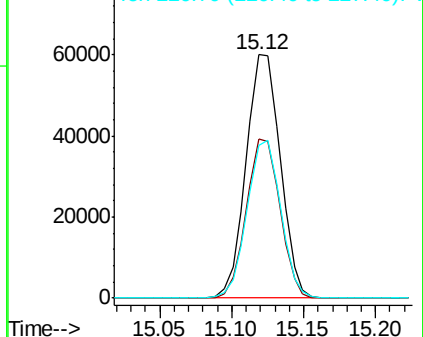


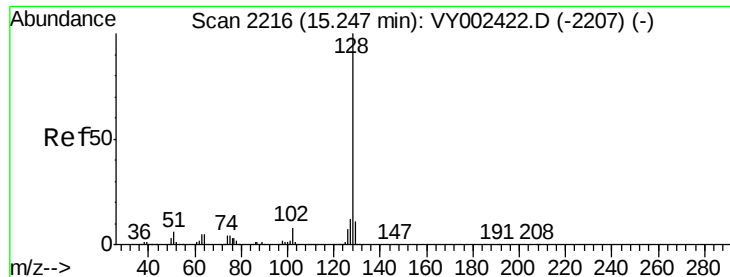
#94
 Hexachlorobutadiene
 Concen: 52.908 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002422.D
 Acq: 20 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.0	96.0
227	63.3	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

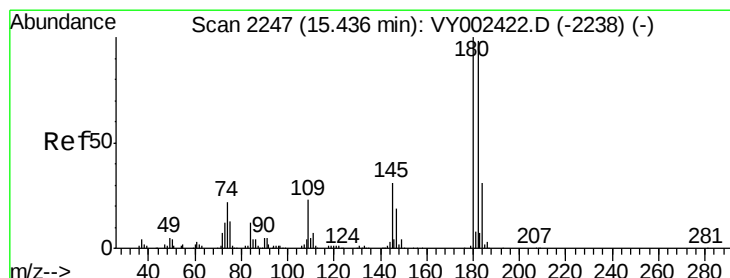
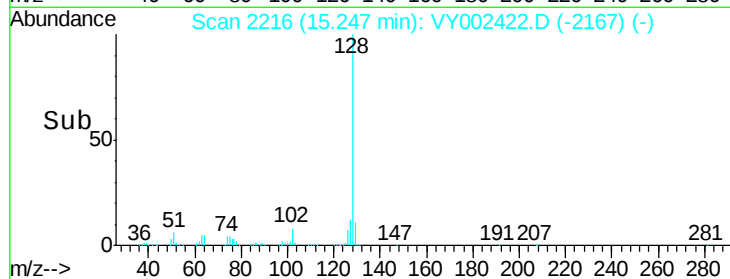
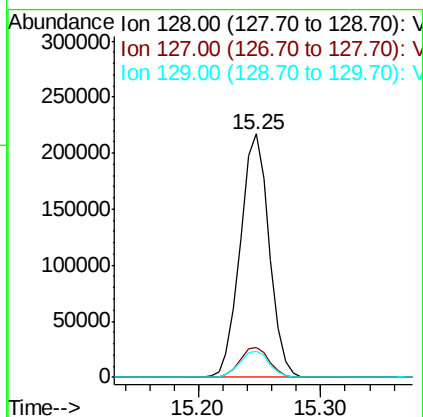
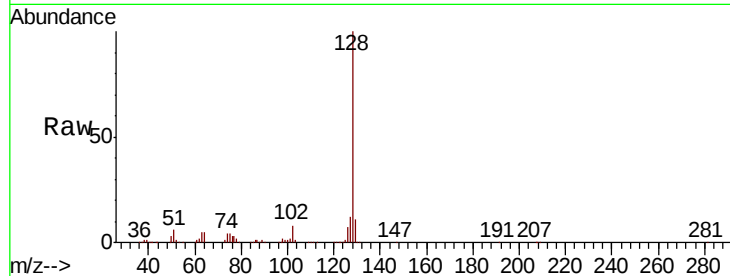




#95
Naphthalene
Concen: 45.324 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 355051
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 49.345 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002422.D
Acq: 20 Apr 2020 14:16

Tgt Ion:180 Resp: 156746
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 29.6 14.8 44.4

