

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003470.D
 Acq On : 02 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

Quant Time: Nov 03 02:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	245038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	353225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	128239	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.73	113	109585	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.18	98	450992	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.48	95	148576	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	42650	21.998	ug/l 100
3) Chloromethane	2.12	50	54751	21.451	ug/l 96
4) Vinyl Chloride	2.26	62	62619	21.856	ug/l 98
5) Bromomethane	2.65	94	47777	19.959	ug/l 95
6) Chloroethane	2.80	64	36233	21.218	ug/l 98
7) Trichlorofluoromethane	3.13	101	77687	21.362	ug/l 100
8) Diethyl Ether	3.54	74	23547	21.115	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42969	21.378	ug/l 100
10) Methyl Iodide	4.10	142	39146	21.832	ug/l 99
11) Tert butyl alcohol	4.97	59	30726	111.481	ug/l 96
12) 1,1-Dichloroethene	3.88	96	42278	21.141	ug/l 99
13) Acrolein	3.75	56	24113	115.663	ug/l 96
14) Allyl chloride	4.49	41	76305	20.914	ug/l 99
15) Acrylonitrile	5.18	53	63747	107.088	ug/l 99
16) Acetone	3.96	43	76867	92.756	ug/l 97
17) Carbon Disulfide	4.21	76	136501	21.070	ug/l 100
18) Methyl Acetate	4.49	43	32512	20.761	ug/l 100
19) Methyl tert-butyl Ether	5.24	73	103934	20.983	ug/l 99
20) Methylene Chloride	4.73	84	50474	21.627	ug/l 96
21) trans-1,2-Dichloroethene	5.24	96	48641	21.006	ug/l 95
22) Diisopropyl ether	6.13	45	135615	21.192	ug/l 99
23) Vinyl Acetate	6.08	43	510995	106.261	ug/l 99
24) 1,1-Dichloroethane	6.03	63	85843	21.110	ug/l 99
25) 2-Butanone	7.00	43	103090	99.464	ug/l 99
26) 2,2-Dichloropropane	7.00	77	79386	20.955	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	52505	20.925	ug/l 97
28) Bromochloromethane	7.35	49	39708	19.410	ug/l 99
29) Tetrahydrofuran	7.36	42	57381	105.950	ug/l 99
30) Chloroform	7.52	83	84788	21.228	ug/l 95
31) Cyclohexane	7.80	56	79807	21.196	ug/l 95
32) 1,1,1-Trichloroethane	7.71	97	77693	20.851	ug/l 100
36) 1,1-Dichloropropene	7.92	75	70244	21.092	ug/l 99
37) Ethyl Acetate	7.09	43	43896	21.226	ug/l 99
38) Carbon Tetrachloride	7.91	117	71547	20.709	ug/l 99

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 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77820	20.985	ug/l	98
40) Benzene	8.17	78	193856	20.916	ug/l	99
41) Methacrylonitrile	7.33	41	21996m	19.918	ug/l	
42) 1,2-Dichloroethane	8.25	62	59381	20.448	ug/l	100
43) Isopropyl Acetate	8.28	43	78488	21.118	ug/l	100
44) Trichloroethene	8.94	130	53848	20.696	ug/l	98
45) 1,2-Dichloropropane	9.22	63	48706	20.810	ug/l	98
46) Dibromomethane	9.31	93	26701	20.736	ug/l	99
47) Bromodichloromethane	9.50	83	64462	20.453	ug/l	100
48) Methyl methacrylate	9.30	41	36106	20.623	ug/l	98
49) 1,4-Dioxane	9.30	88	6681	415.826	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	207612	104.845	ug/l	99
52) Toluene	10.25	92	121055	20.883	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69196	20.631	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	78386	20.769	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	36983	20.233	ug/l	100
56) Ethyl methacrylate	10.51	69	50830	20.761	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65898	20.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	130899	105.465	ug/l	99
59) 2-Hexanone	10.83	43	149677	102.089	ug/l	99
60) Dibromochloromethane	10.99	129	46217	20.572	ug/l	98
61) 1,2-Dibromoethane	11.09	107	36504	20.686	ug/l	98
64) Tetrachloroethene	10.72	164	49422	21.250	ug/l	97
65) Chlorobenzene	11.52	112	128966	21.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	47196	20.685	ug/l	99
67) Ethyl Benzene	11.59	91	231876	21.136	ug/l	99
68) m/p-Xylenes	11.70	106	174330	41.933	ug/l	99
69) o-Xylene	12.03	106	80869	21.146	ug/l	99
70) Styrene	12.05	104	133905	20.622	ug/l	99
71) Bromoform	12.21	173	31747	20.875	ug/l #	100
73) Isopropylbenzene	12.33	105	226720	21.429	ug/l	100
74) N-amyl acetate	12.14	43	63607	21.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	47218	20.894	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	35667m	20.813	ug/l	
77) Bromobenzene	12.61	156	55197	20.534	ug/l	97
78) n-propylbenzene	12.67	91	265763	21.326	ug/l	99
79) 2-Chlorotoluene	12.75	91	147249	21.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	187732	21.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16872	20.549	ug/l	98
82) 4-Chlorotoluene	12.86	91	153974	21.162	ug/l	99
83) tert-Butylbenzene	13.08	119	163059	20.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	184376	21.045	ug/l	100
85) sec-Butylbenzene	13.25	105	223748	21.255	ug/l	100
86) p-Isopropyltoluene	13.37	119	204383	20.935	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	103845	20.737	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	104624	21.011	ug/l	99
89) n-Butylbenzene	13.70	91	191743	21.503	ug/l	99
90) Hexachloroethane	13.96	117	34763	21.157	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	92466	20.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8943	21.861	ug/l	96

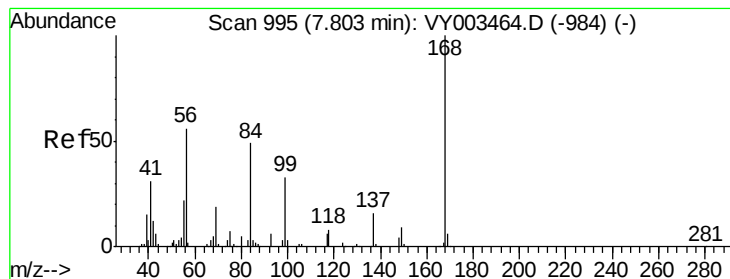
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Data File : VY003470.D
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QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	68520	21.776	ug/l	98
94) Hexachlorobutadiene	15.11	225	44738	22.102	ug/l	98
95) Naphthalene	15.23	128	135168	21.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	59482	21.015	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

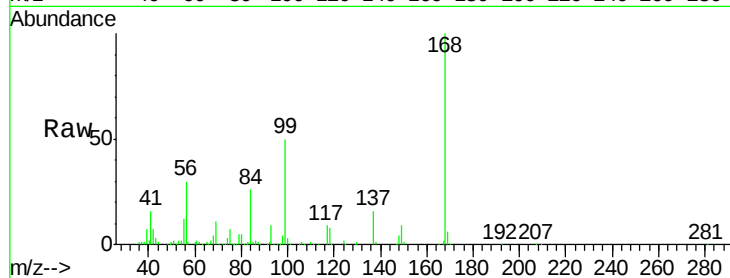
VY1102SBSD01

Tot Ion:168 Resp: 245038

Ion Ratio Lower Upper

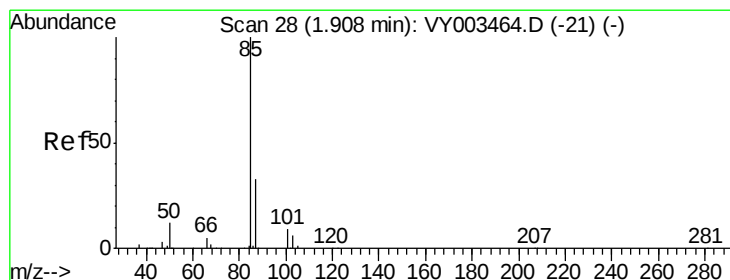
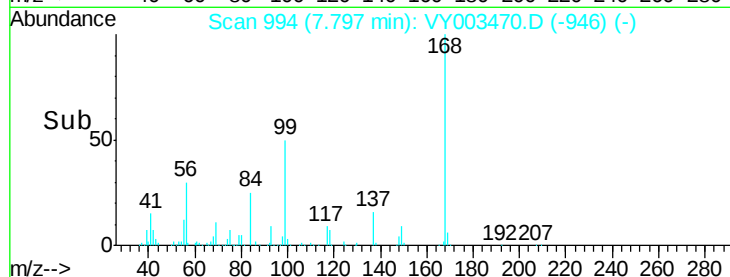
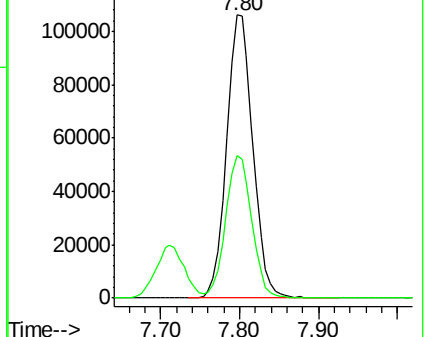
168 100

99 50.4 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003470.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003470.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 21.998 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003470.D

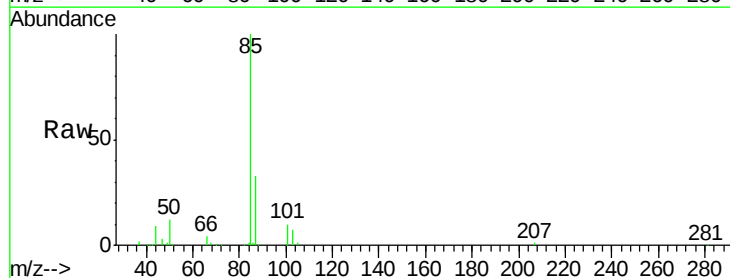
Acq: 02 Nov 2020 14:20

Tgt Ion: 85 Resp: 42650

Ion Ratio Lower Upper

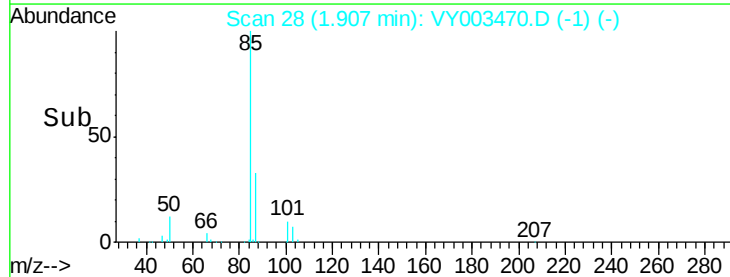
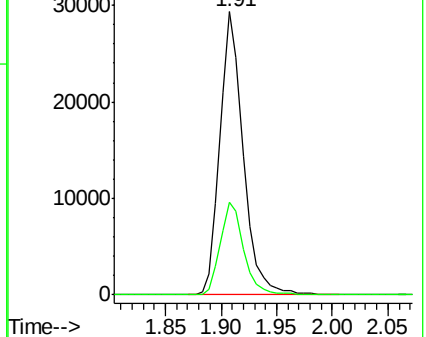
85 100

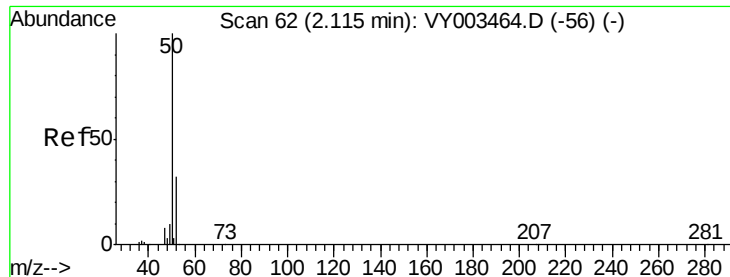
87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003470.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003470.D (-1) (-)





#3

Chloromethane

Concen: 21.451 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

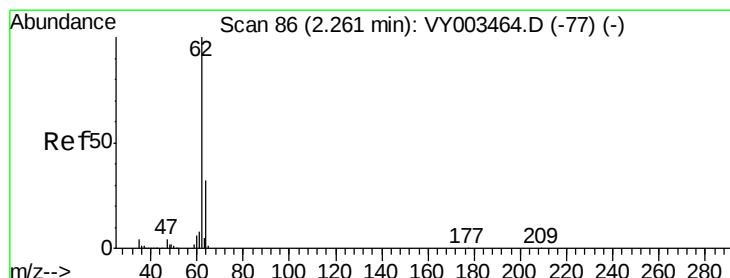
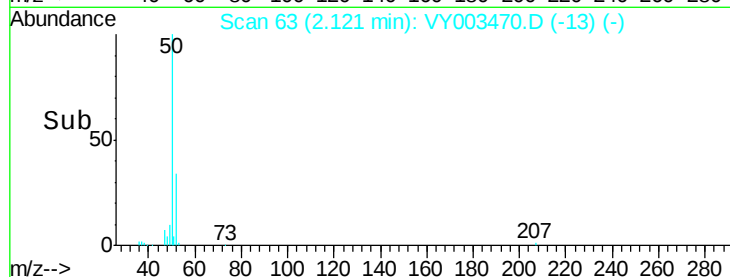
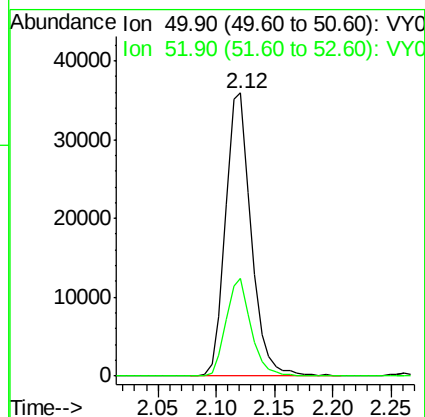
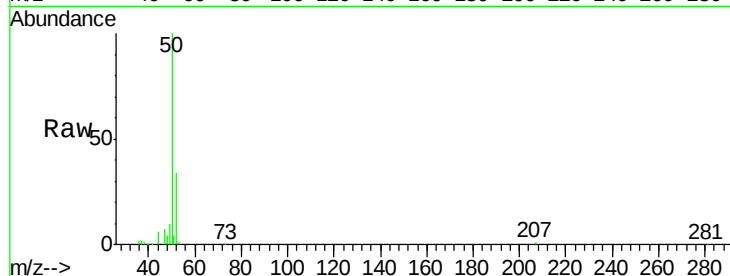
VY1102SBS01

Tot Ion: 50 Resp: 54751

Ion Ratio Lower Upper

50 100

52 34.5 25.6 38.4



#4

Vinyl Chloride

Concen: 21.856 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003470.D

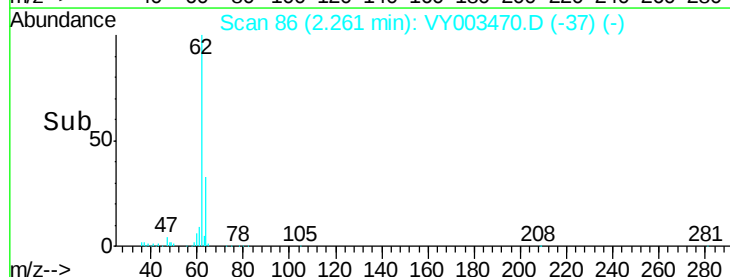
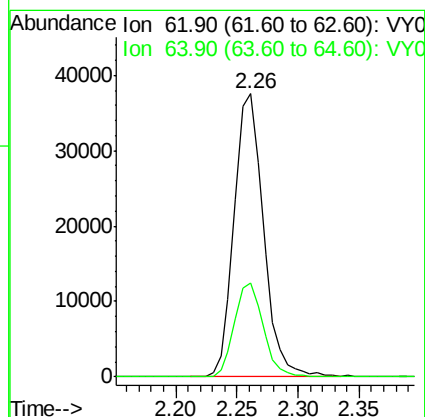
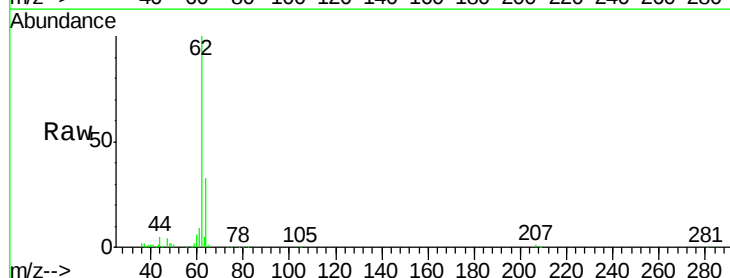
Acq: 02 Nov 2020 14:20

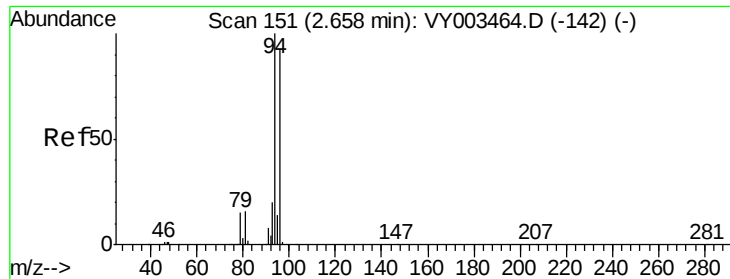
Tgt Ion: 62 Resp: 62619

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3





#5

Bromomethane

Concen: 19.959 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

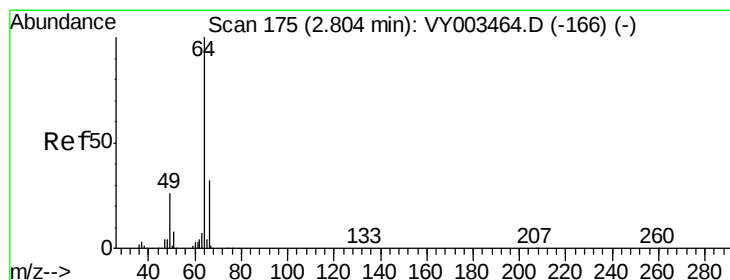
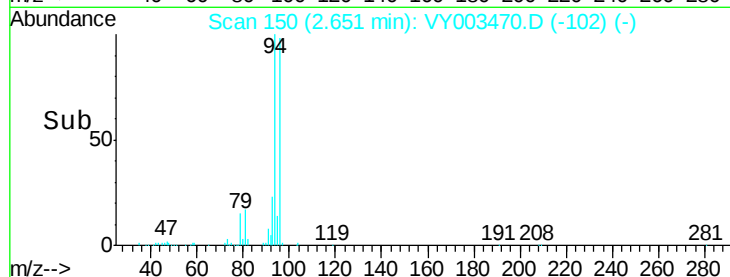
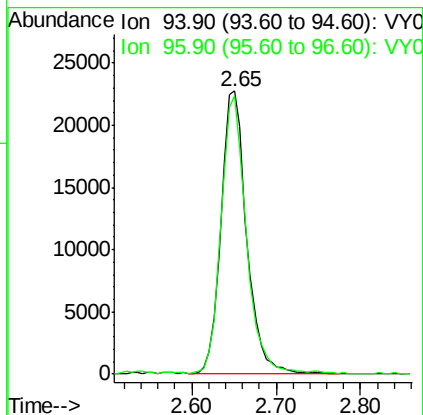
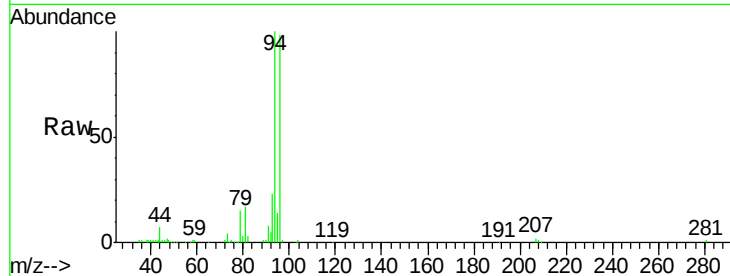
VY1102SBS01

Tot Ion: 94 Resp: 47777

Ion Ratio Lower Upper

94 100

96 98.1 74.6 112.0



#6

Chloroethane

Concen: 21.218 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003470.D

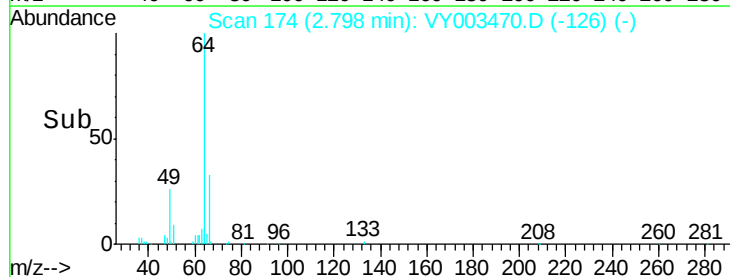
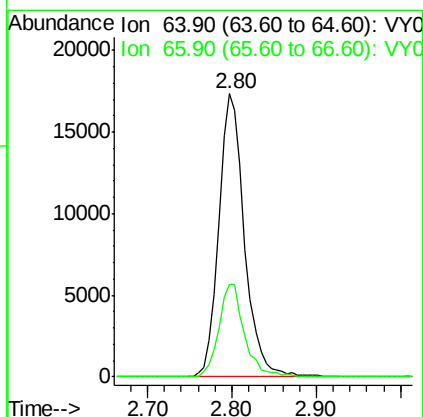
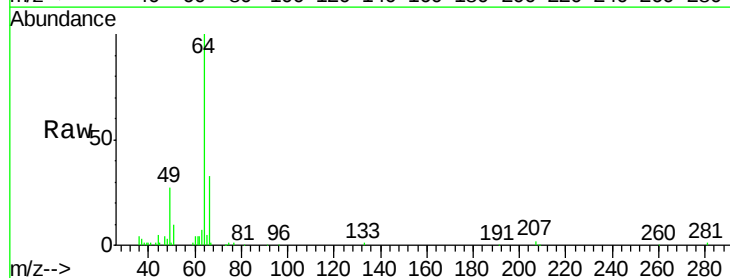
Acq: 02 Nov 2020 14:20

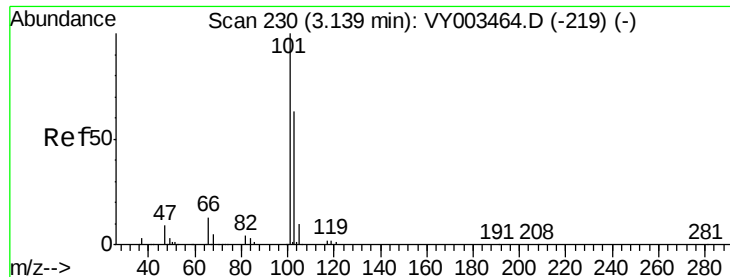
Tgt Ion: 64 Resp: 36233

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



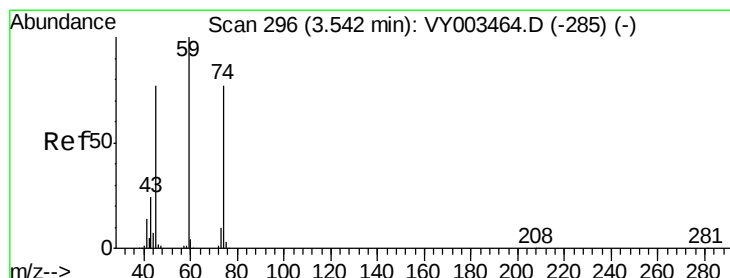
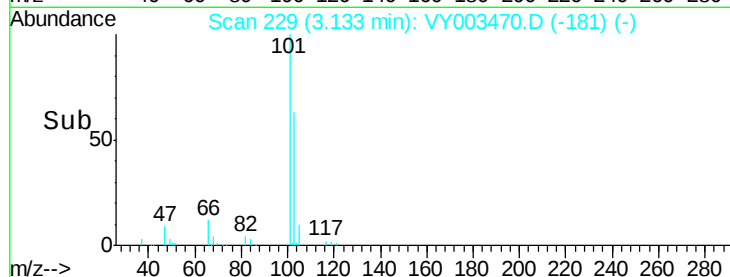
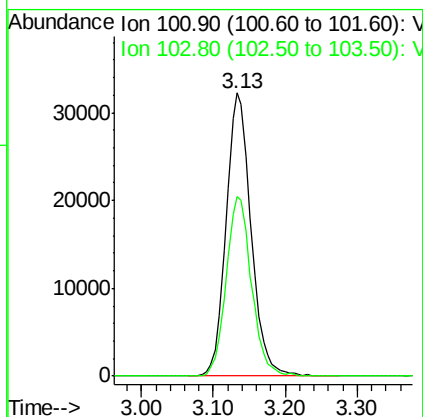
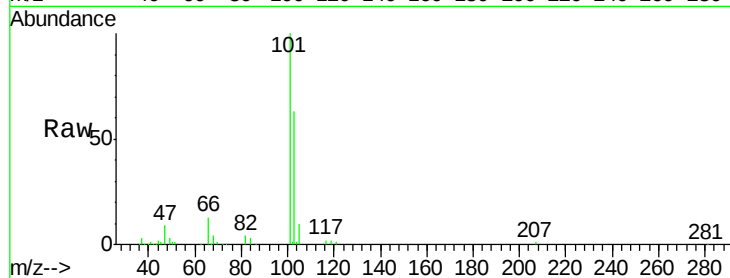


#7

Trichlorofluoromethane
 Concen: 21.362 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

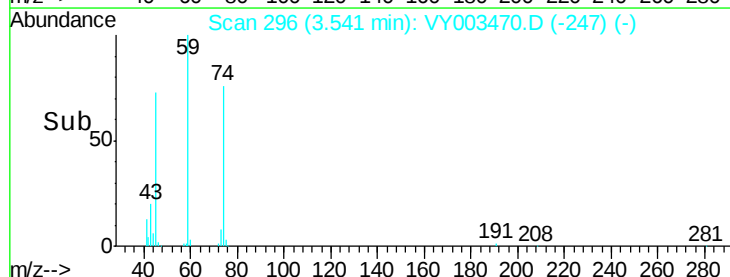
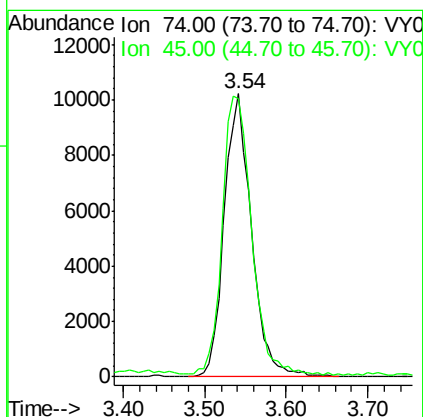
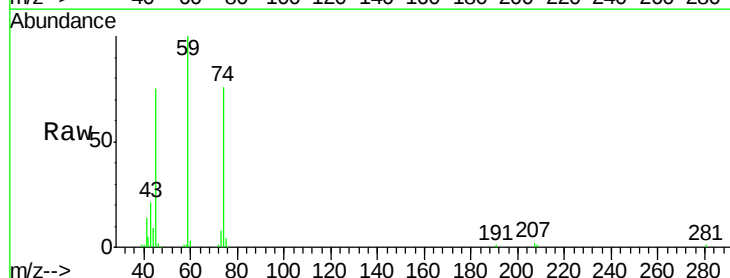
Tot Ion:101 Resp: 77687
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

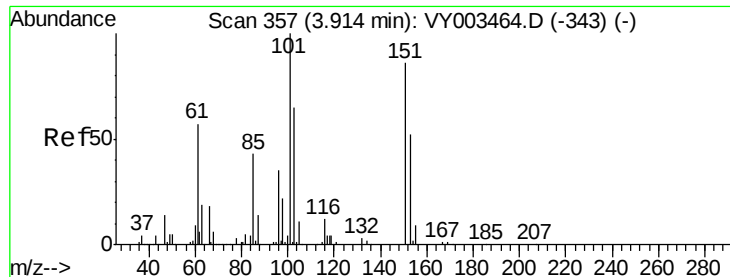


#8

Diethyl Ether
 Concen: 21.115 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 74 Resp: 23547
 Ion Ratio Lower Upper
 74 100
 45 106.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.378 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

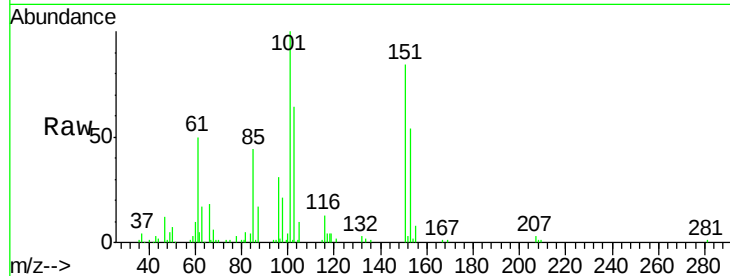
Tot Ion:101 Resp: 42969

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.8

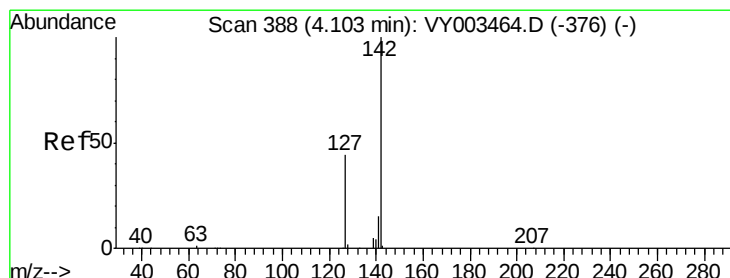
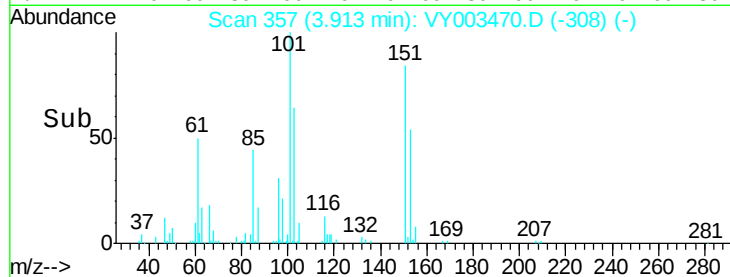
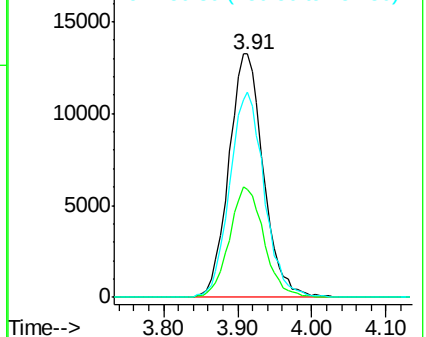
151 84.2 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.832 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

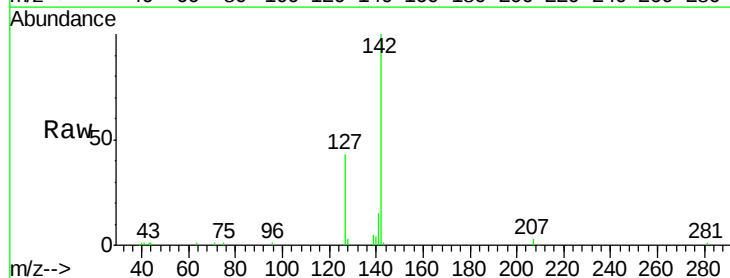
Tgt Ion:142 Resp: 39146

Ion Ratio Lower Upper

142 100

127 43.8 34.5 51.7

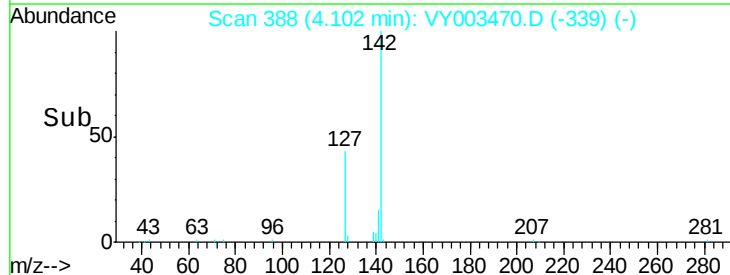
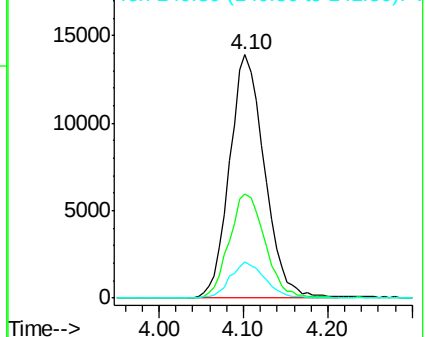
141 14.8 11.8 17.8

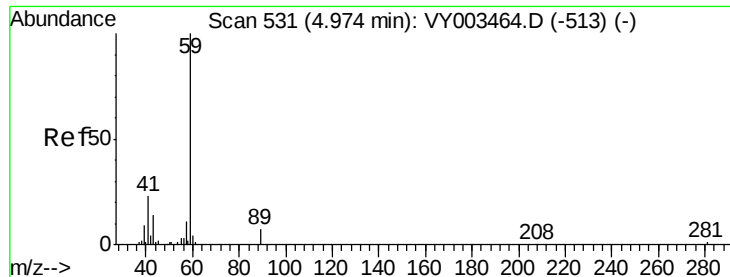


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



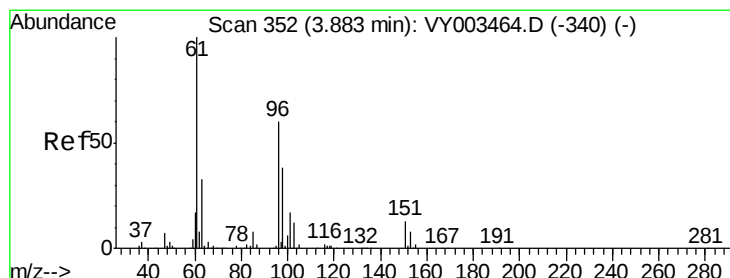
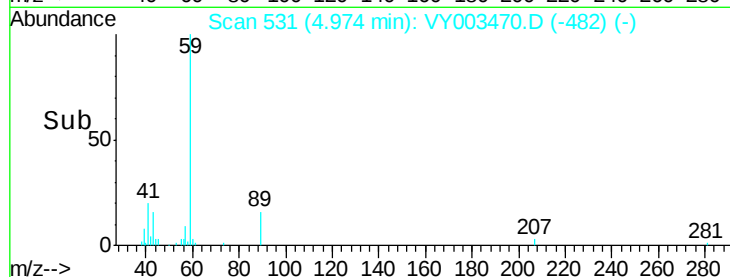
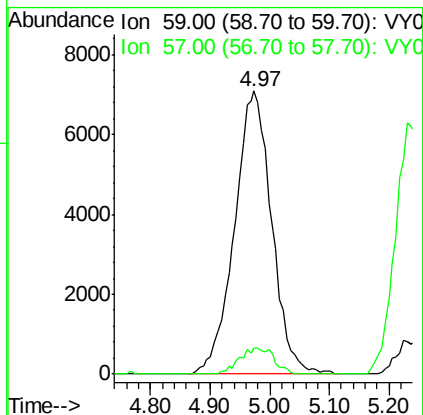
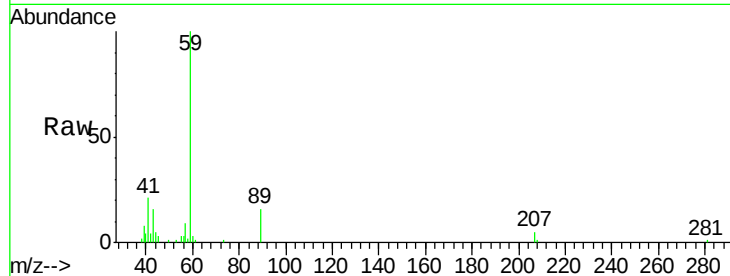


#11

Tert butyl alcohol
 Concen: 111.481 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

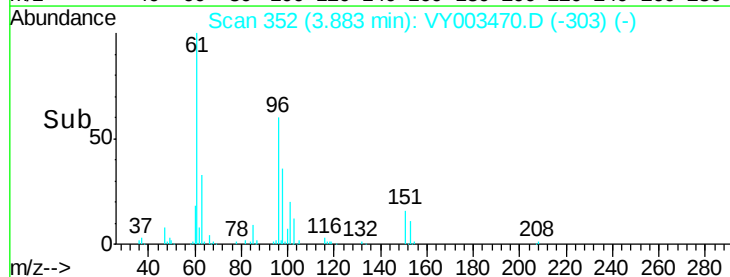
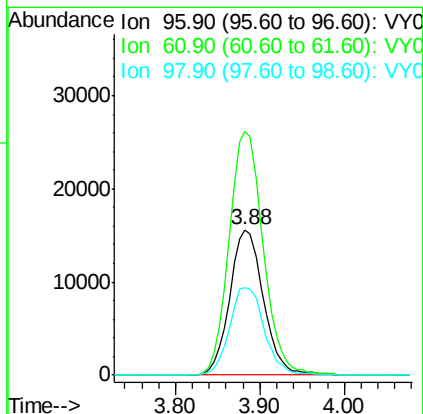
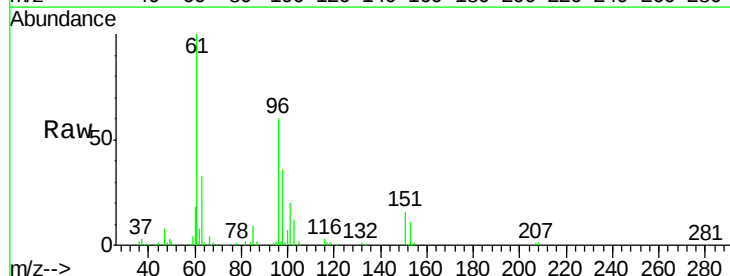
Tot Ion: 59 Resp: 30726
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.9 11.9

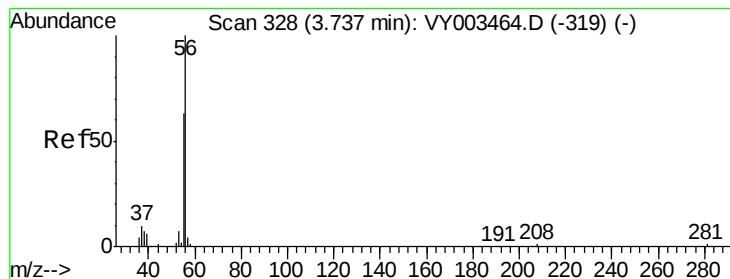


#12

1,1-Dichloroethene
 Concen: 21.141 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 96 Resp: 42278
 Ion Ratio Lower Upper
 96 100
 61 167.5 133.6 200.4
 98 60.1 50.2 75.2





#13

Acrolein

Concen: 115.663 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

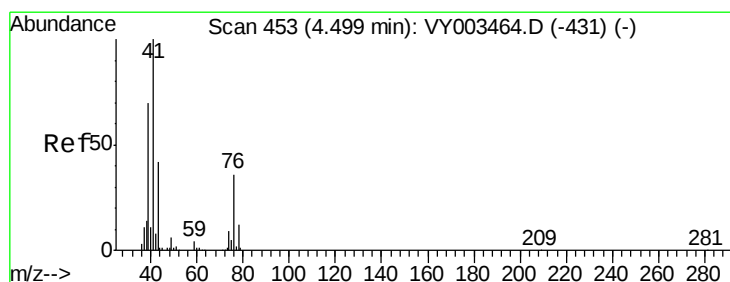
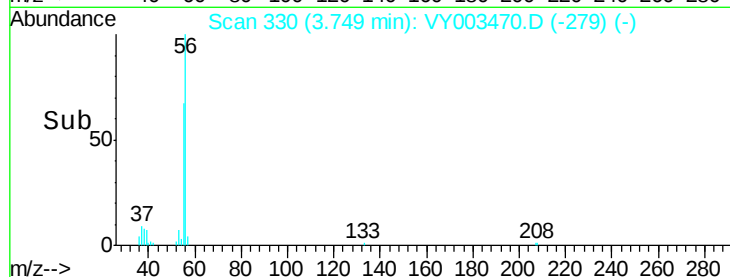
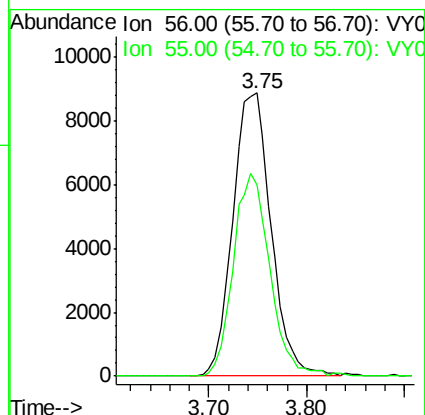
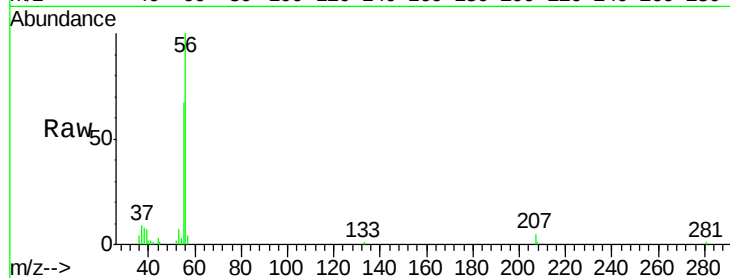
VY1102SBS01

Tot Ion: 56 Resp: 24113

Ion Ratio Lower Upper

56 100

55 67.9 56.6 85.0



#14

Allyl chloride

Concen: 20.914 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

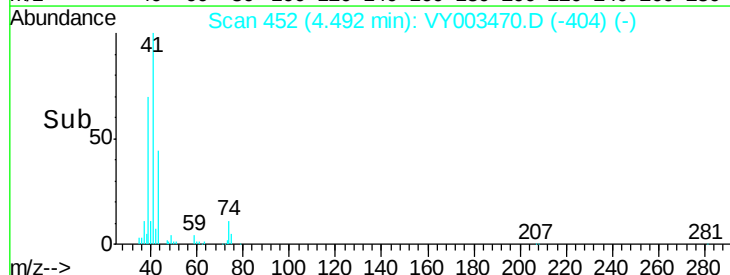
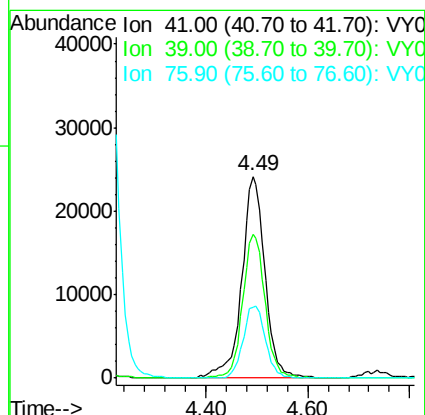
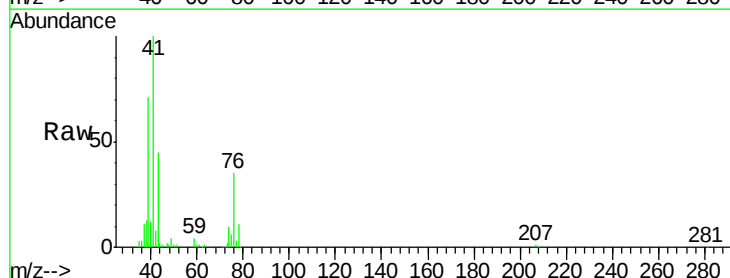
Tgt Ion: 41 Resp: 76305

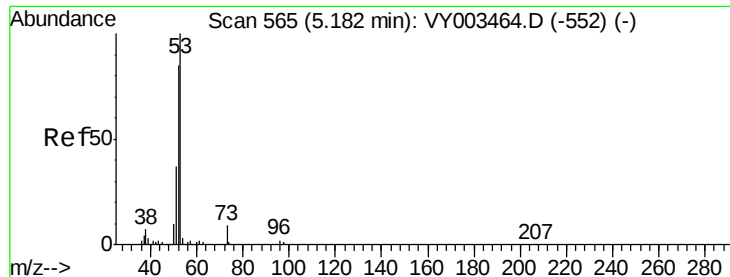
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 34.3 27.6 41.4





#15

Acrylonitrile

Concen: 107.088 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

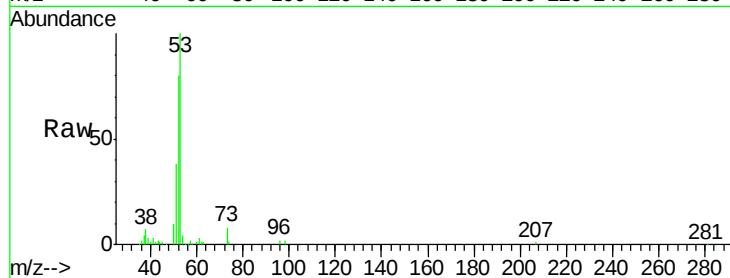
Tot Ion: 53 Resp: 63747

Ion Ratio Lower Upper

53 100

52 81.9 66.9 100.3

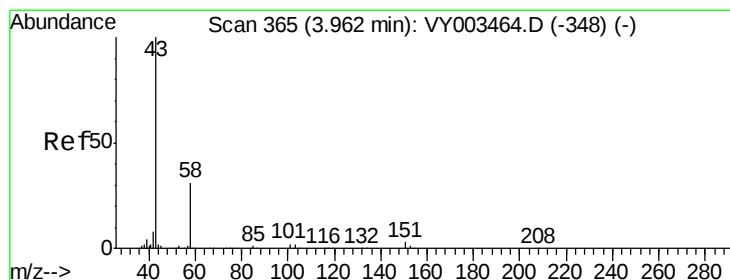
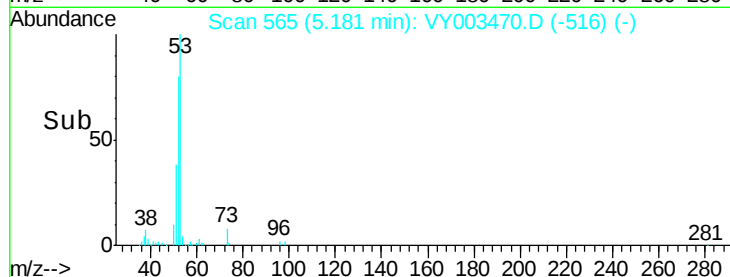
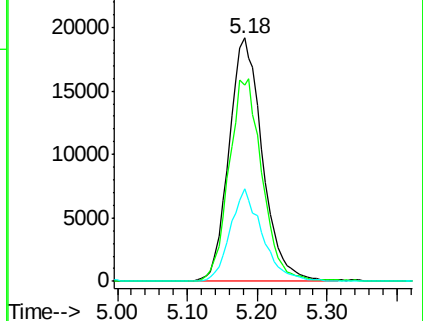
51 36.6 29.3 43.9



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: 92.756 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003470.D

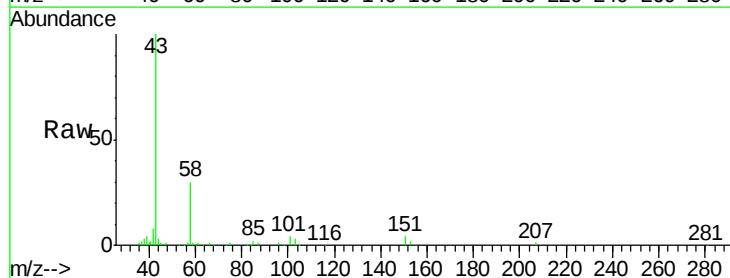
Acq: 02 Nov 2020 14:20

Tgt Ion: 43 Resp: 76867

Ion Ratio Lower Upper

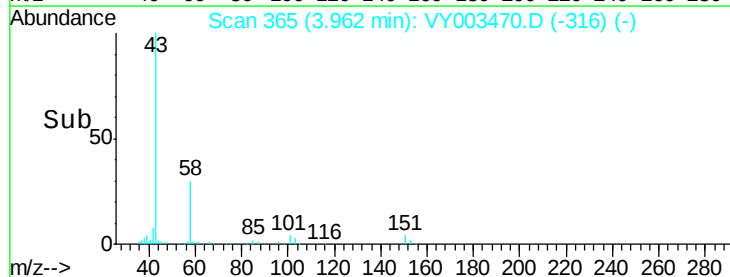
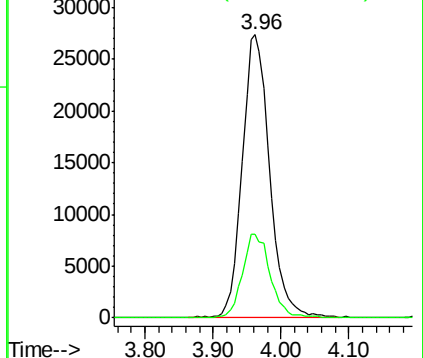
43 100

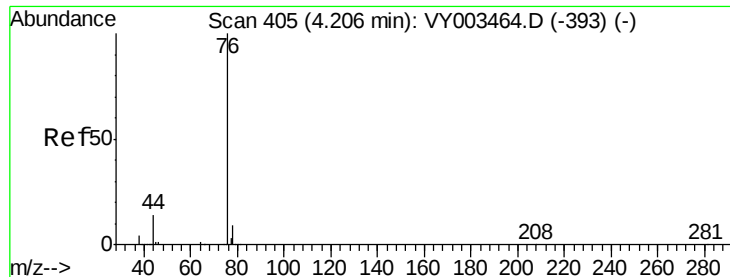
58 29.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

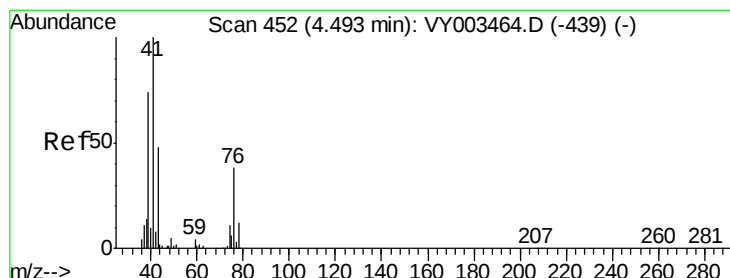
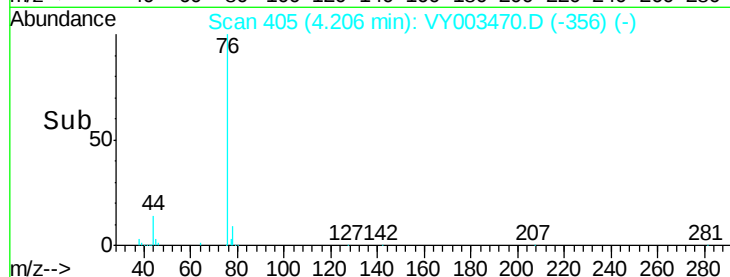
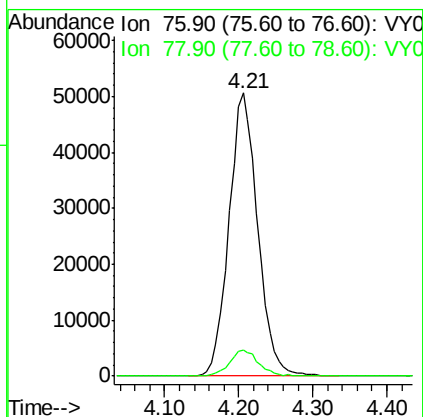
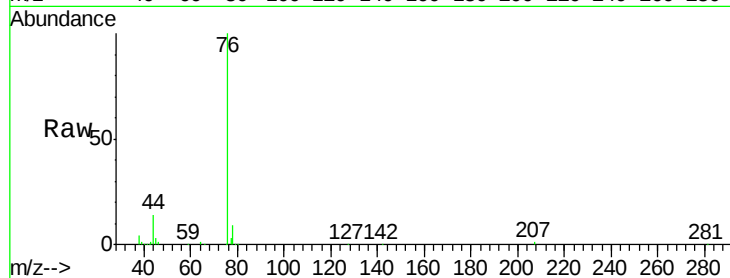




#17
Carbon Disulfide
Concen: 21.070 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

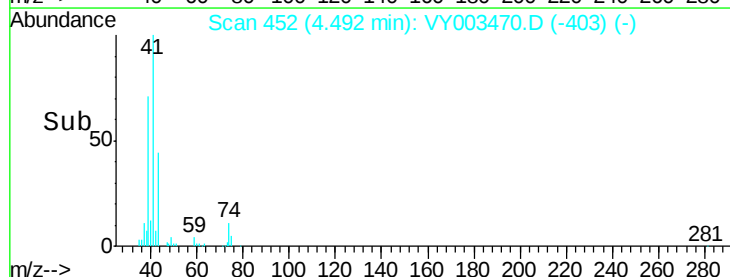
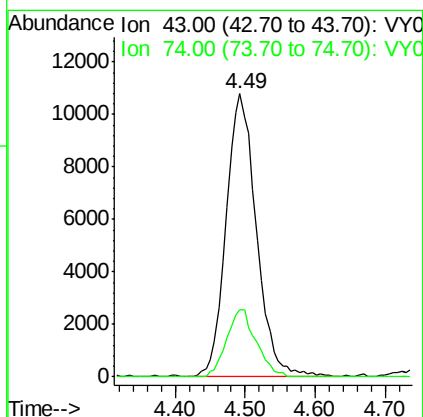
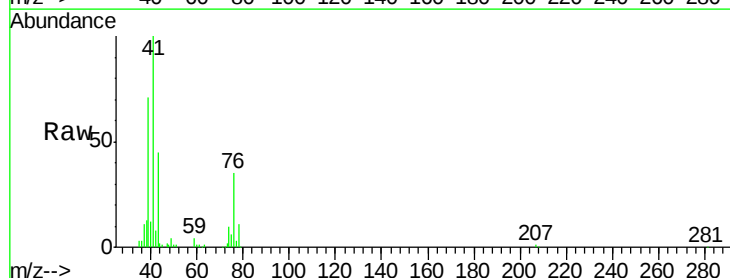
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

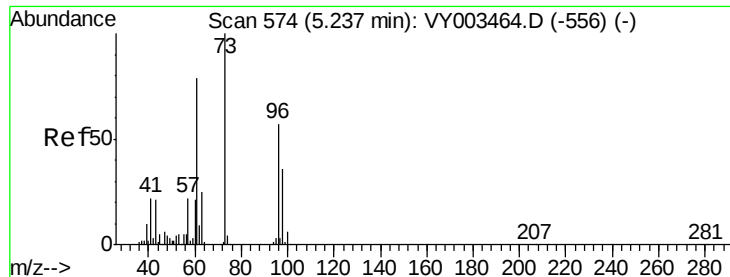
Tot Ion: 76 Resp: 136501
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 20.761 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 43 Resp: 32512
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6

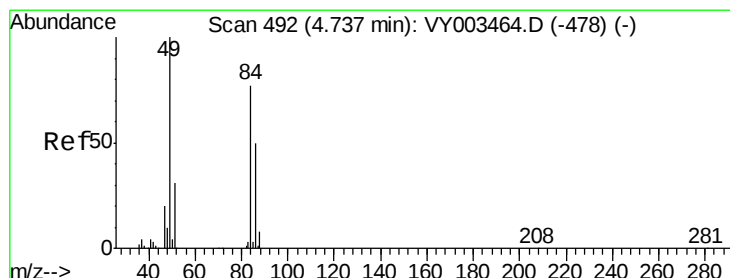
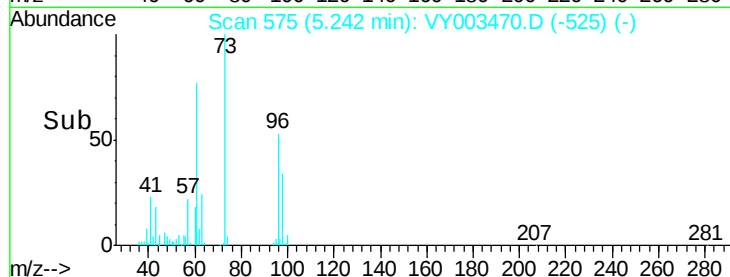
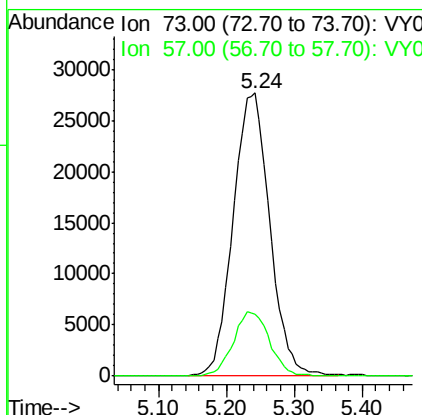
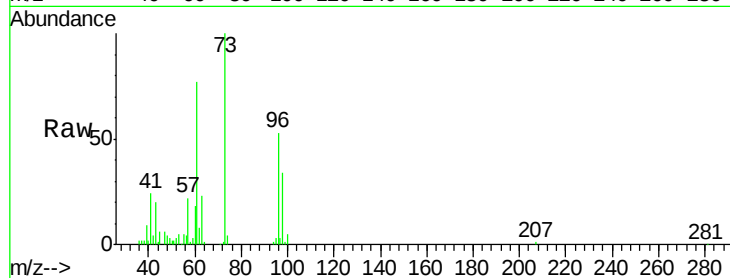




#19
Methvl tert-butvl Ether
Concen: 20.983 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

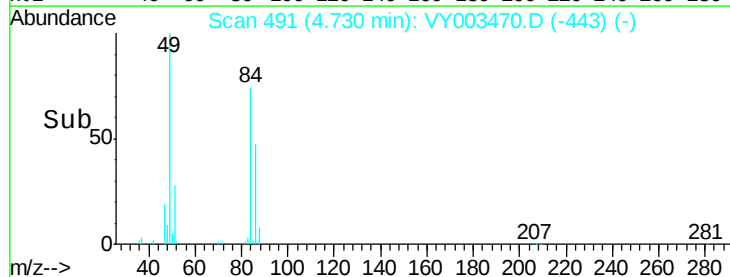
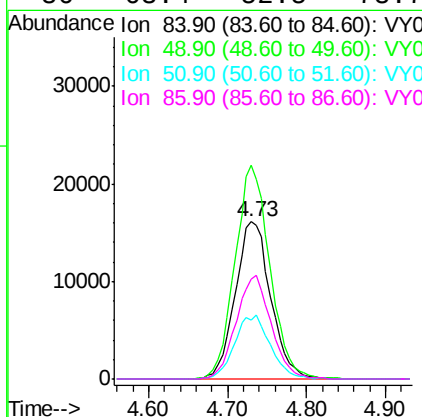
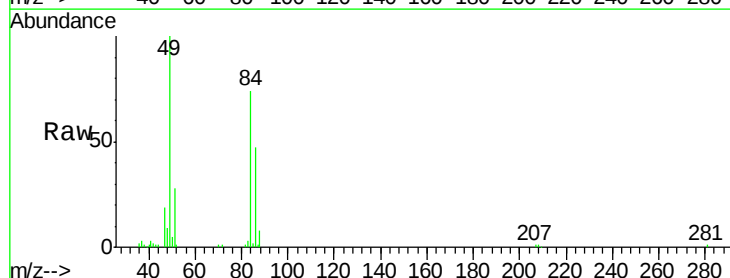
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

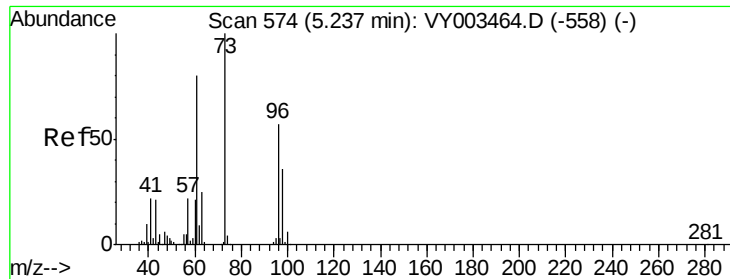
Tot Ion: 73 Resp: 103934
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8



#20
Methylene Chloride
Concen: 21.627 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 84 Resp: 50474
Ion Ratio Lower Upper
84 100
49 135.8 104.3 156.5
51 37.6 32.5 48.7
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.006 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

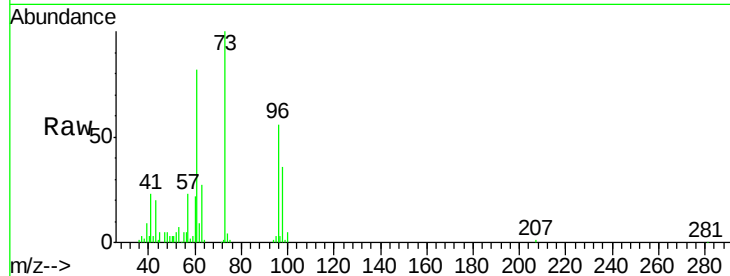
Tot Ion: 96 Resp: 48641

Ion Ratio Lower Upper

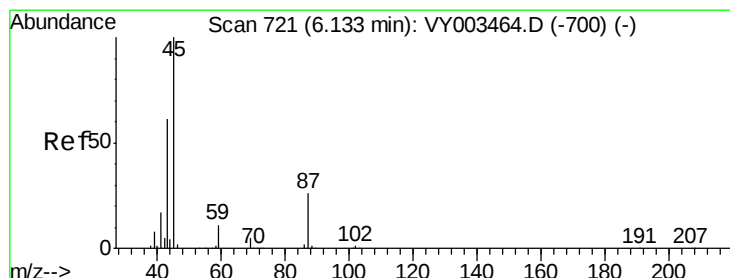
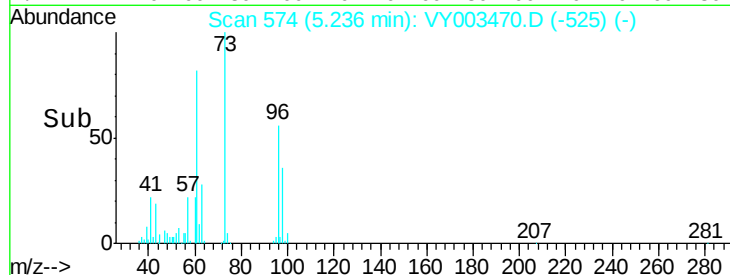
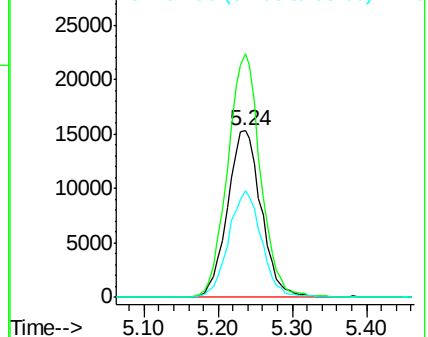
96 100

61 146.5 111.3 166.9

98 64.4 50.3 75.5



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: 21.192 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Tgt Ion: 45 Resp: 135615

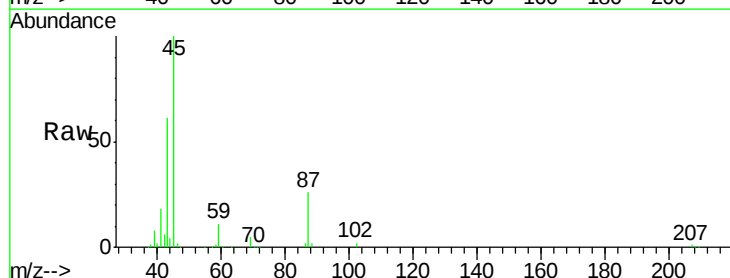
Ion Ratio Lower Upper

45 100

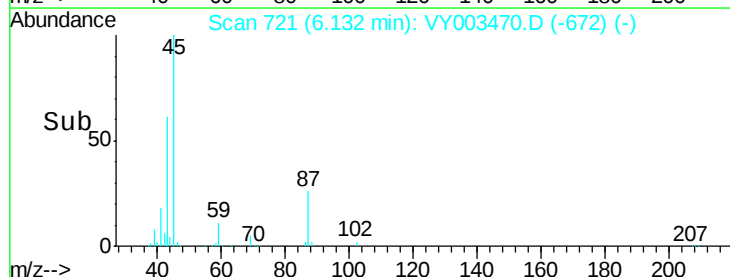
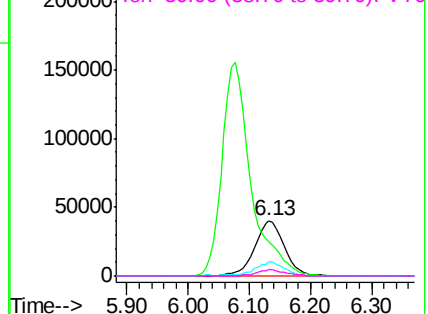
43 60.9 48.8 73.2

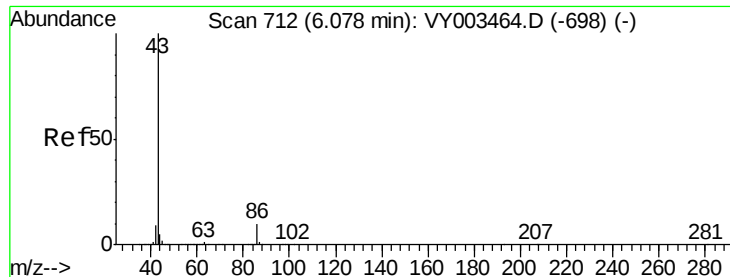
87 26.4 20.6 31.0

59 10.6 9.0 13.4



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: 106.261 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

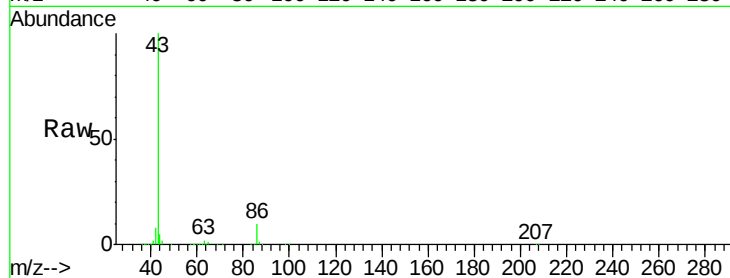
VY1102SBSD01

Tot Ion: 43 Resp: 510995

Ion Ratio Lower Upper

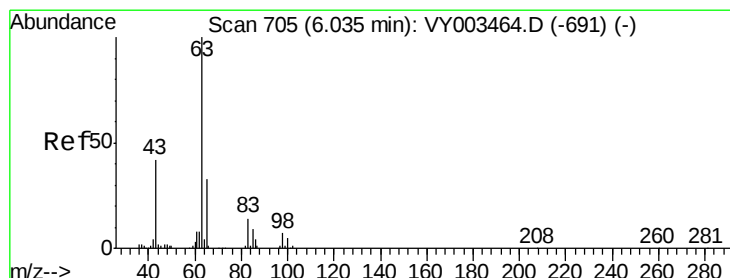
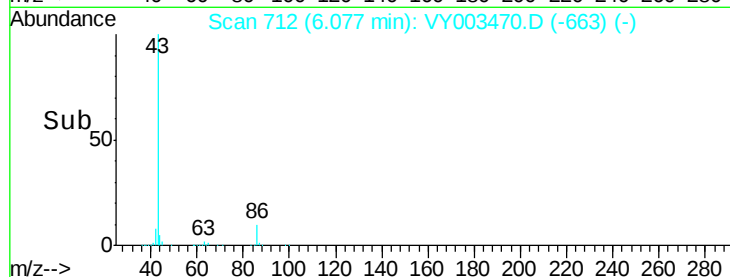
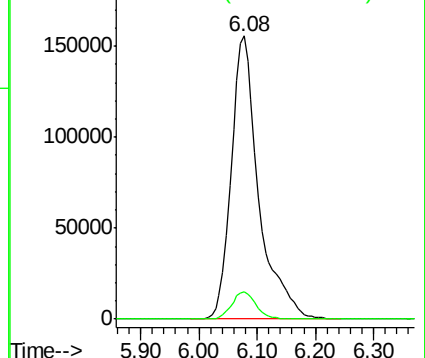
43 100

86 9.8 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.110 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

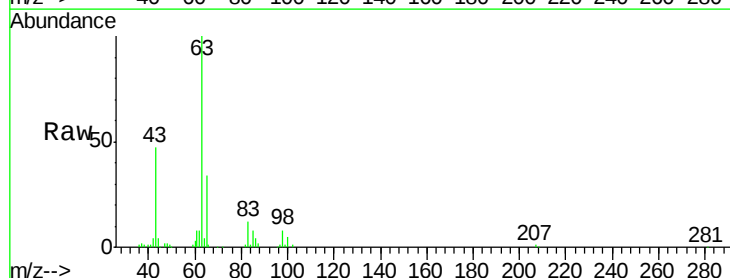
Tgt Ion: 63 Resp: 85843

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

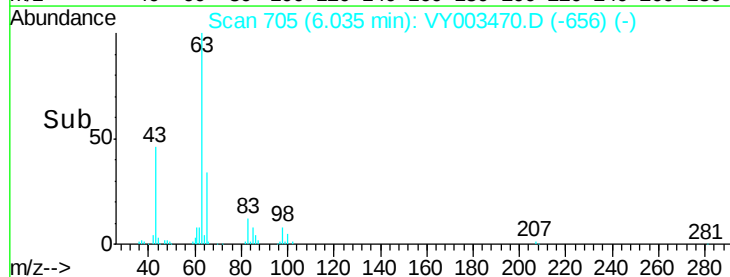
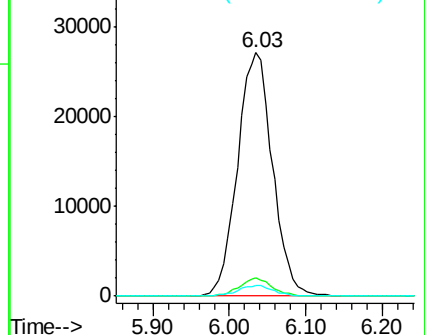
100 4.5 2.3 6.9

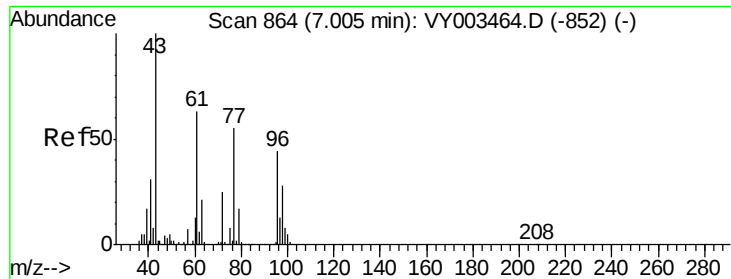


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

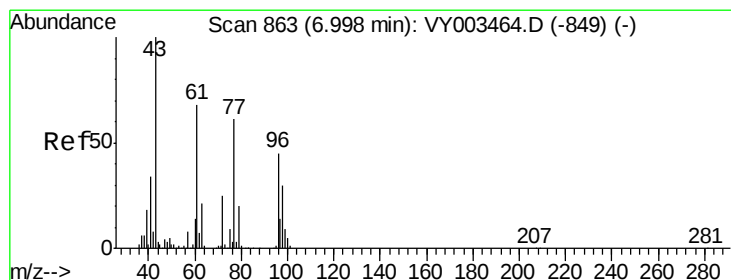
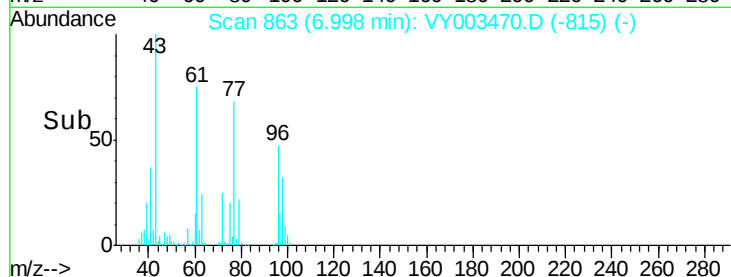
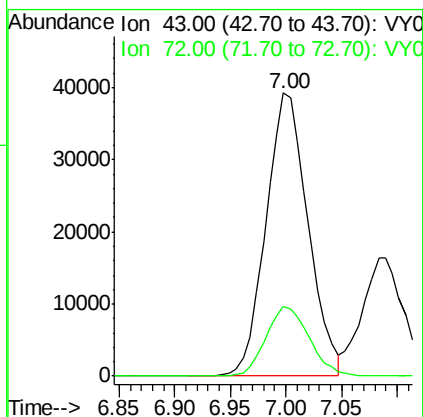
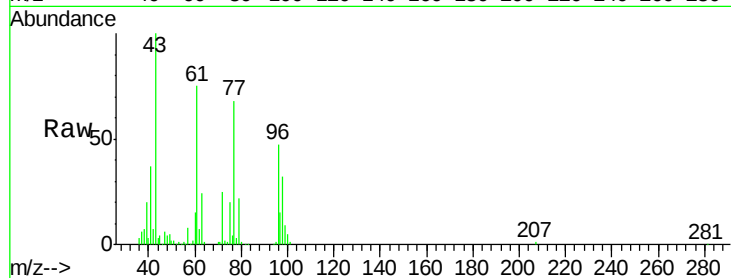




#25
2-Butanone
Concen: 99.464 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

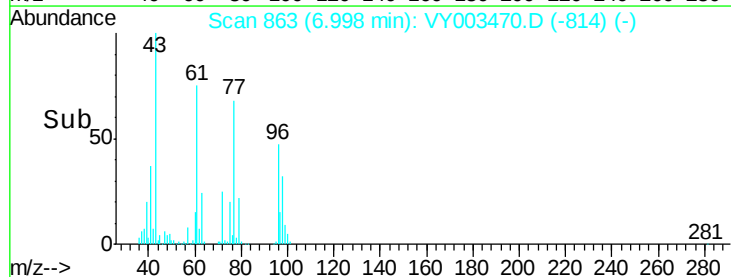
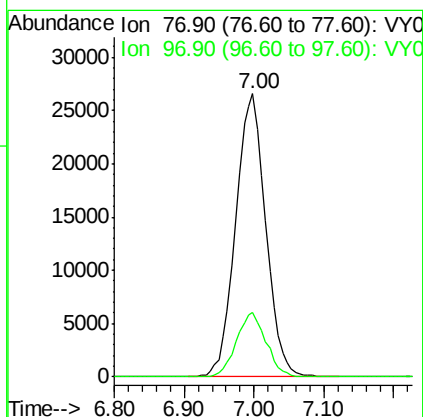
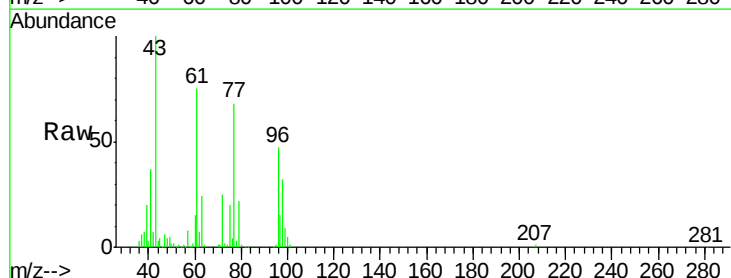
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

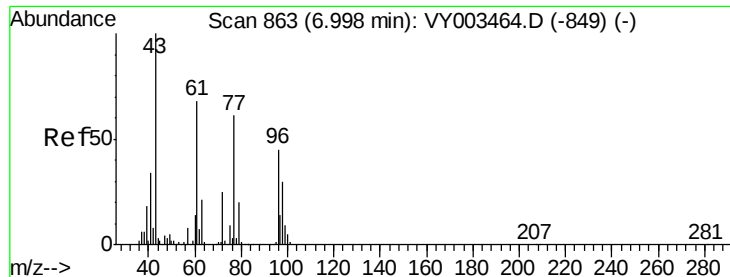
Tot Ion: 43 Resp: 103090
Ion Ratio Lower Upper
43 100
72 24.6 20.1 30.1



#26
2,2-Dichloropropane
Concen: 20.955 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 77 Resp: 79386
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6



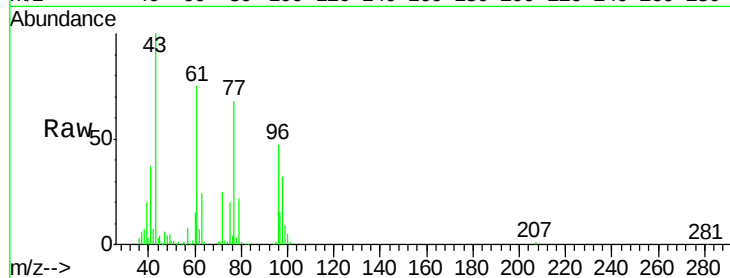


#27

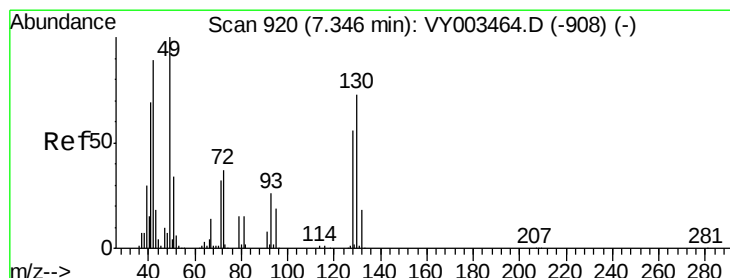
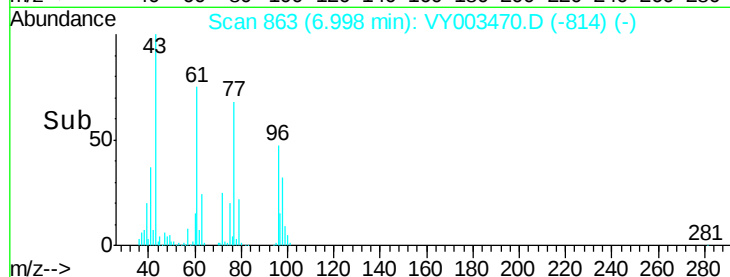
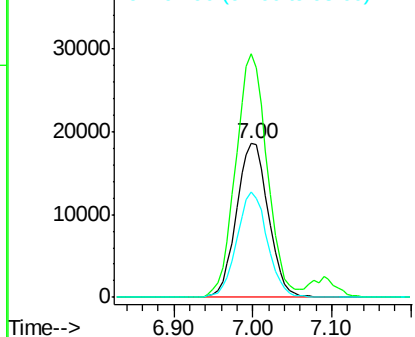
cis-1,2-Dichloroethene
 Concen: 20.925 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	299.2
98	65.1	0.0	128.6



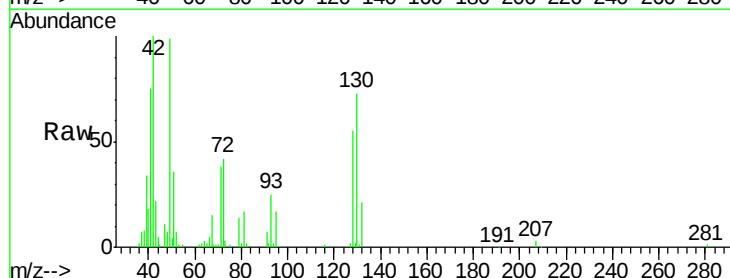
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



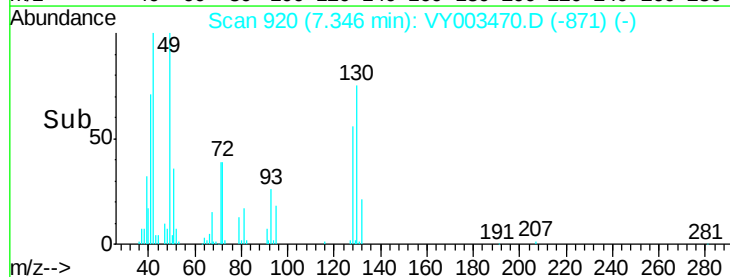
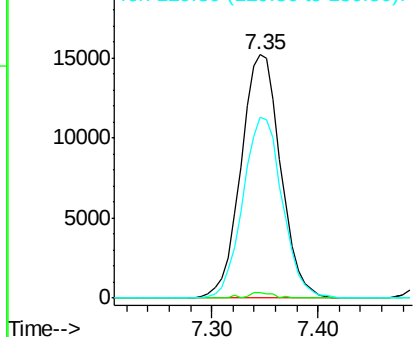
#28

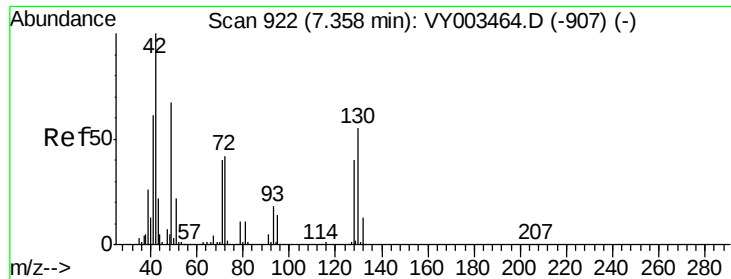
Bromochloromethane
 Concen: 19.410 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	73.9	60.0	90.0



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





#29

Tetrahydrofuran

Concen: 105.950 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

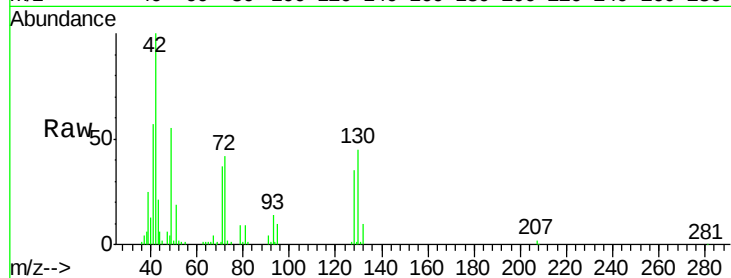
Tot Ion: 42 Resp: 57381

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

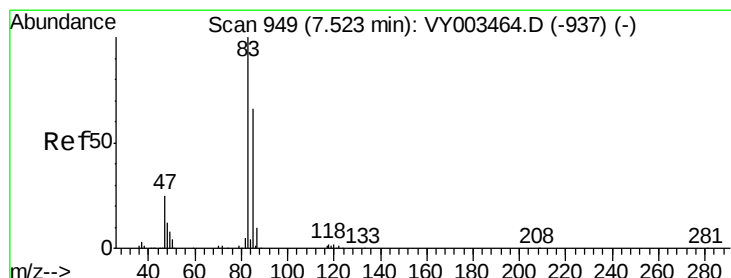
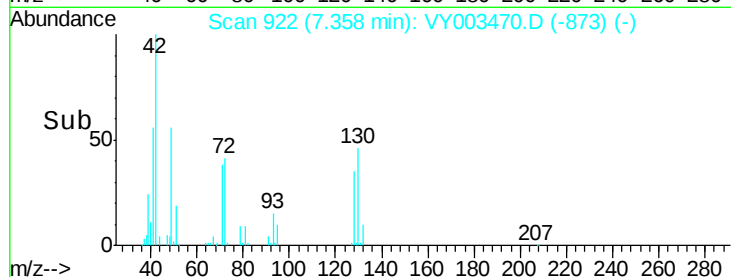
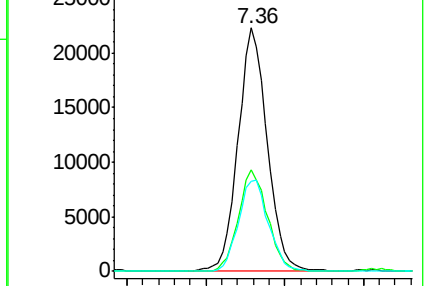
71 38.4 30.7 46.1



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: 21.228 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003470.D

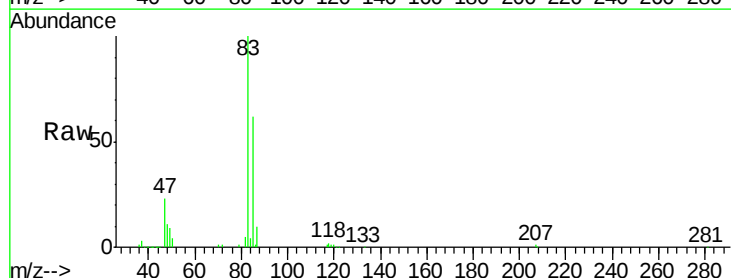
Acq: 02 Nov 2020 14:20

Tgt Ion: 83 Resp: 84788

Ion Ratio Lower Upper

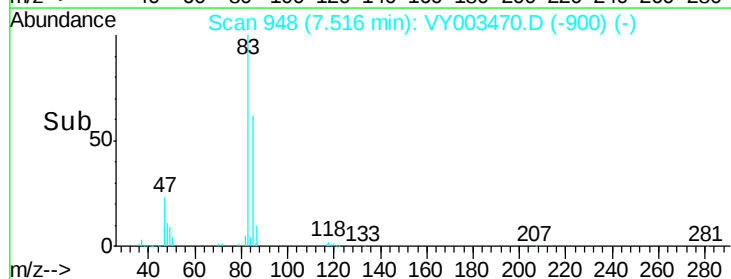
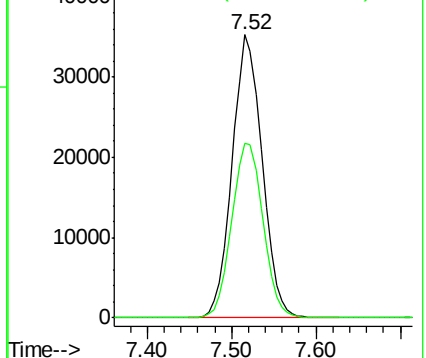
83 100

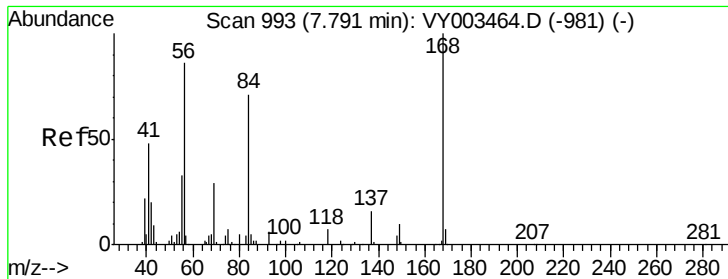
85 61.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

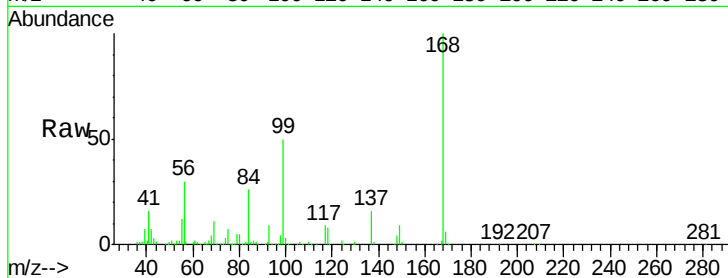




#31
Cyclohexane
Concen: 21.196 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

Tot Ion	56	Resp	79807
Ion Ratio	Lower	Upper	
56	100		
69	38.2	26.6	39.8
84	85.0	65.9	98.9

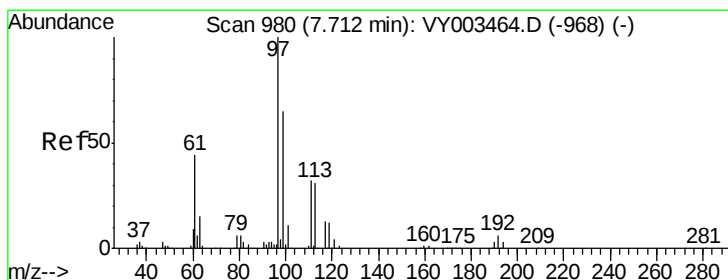
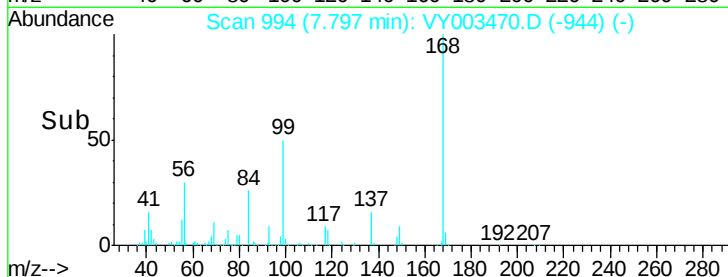
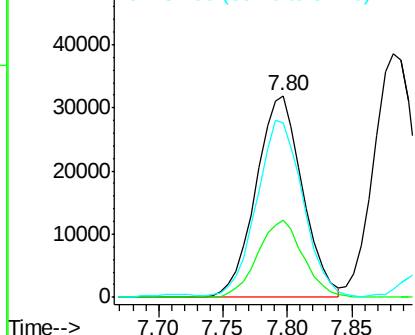


Abundance

Ion 56.00 (55.70 to 56.70): VY0

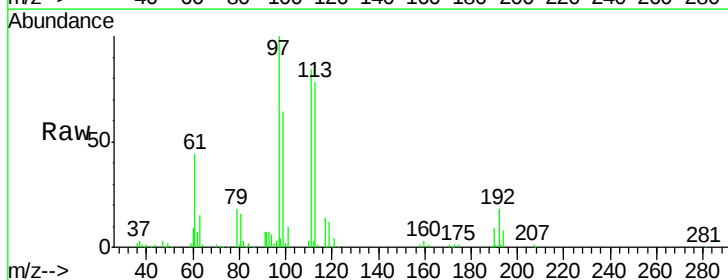
Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32
1,1,1-Trichloroethane
Concen: 20.851 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion	97	Resp	77693
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	44.2	35.1	52.7

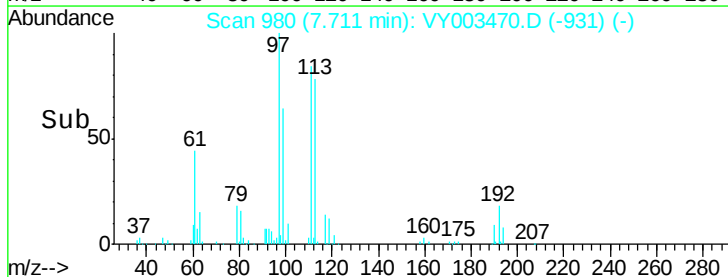
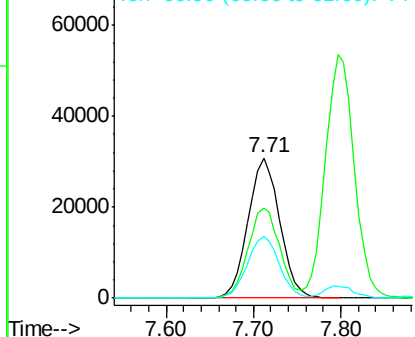


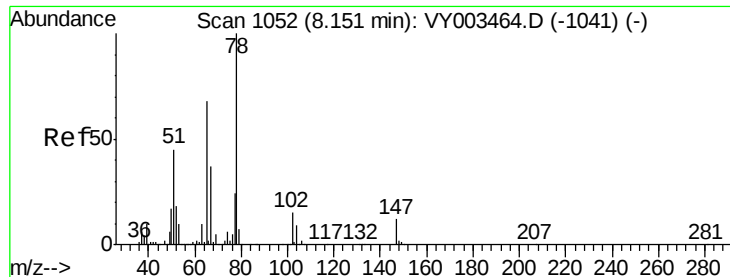
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

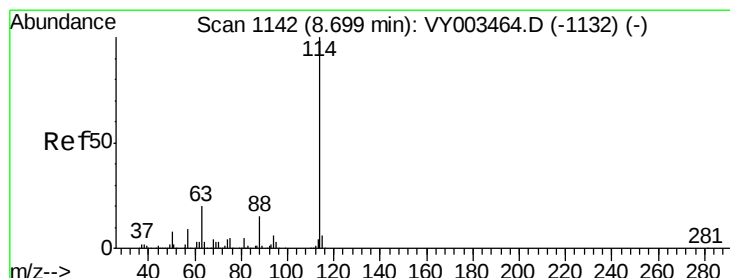
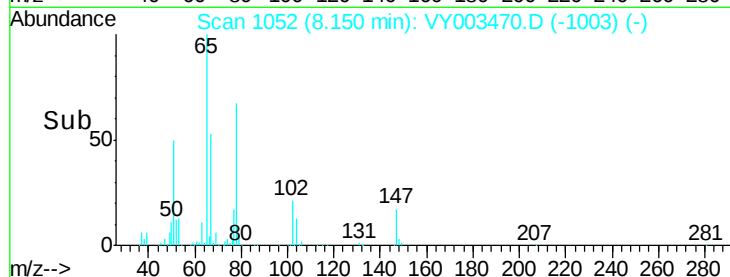
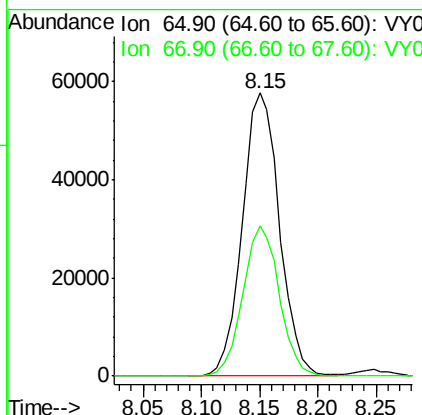
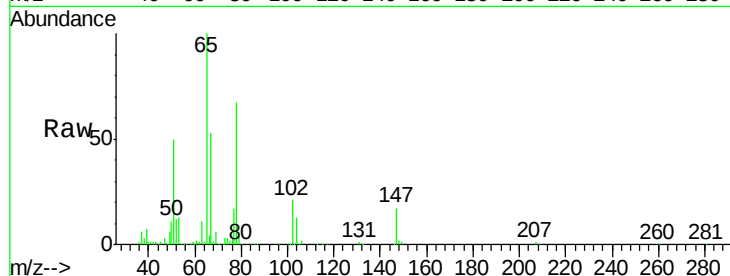




#33
 1,2-Dichloroethane-d4
 Concen: 51.049 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

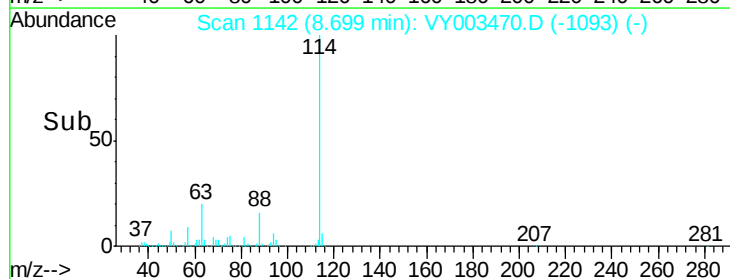
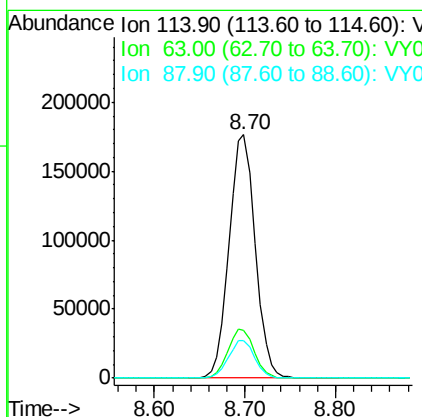
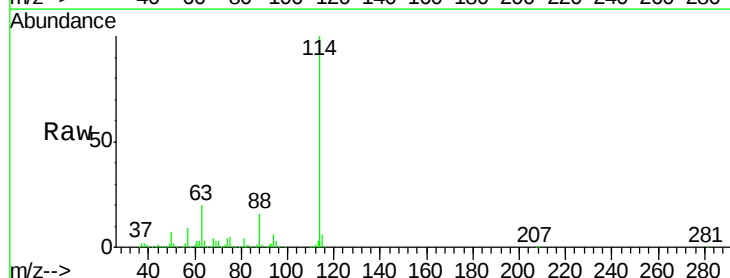
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

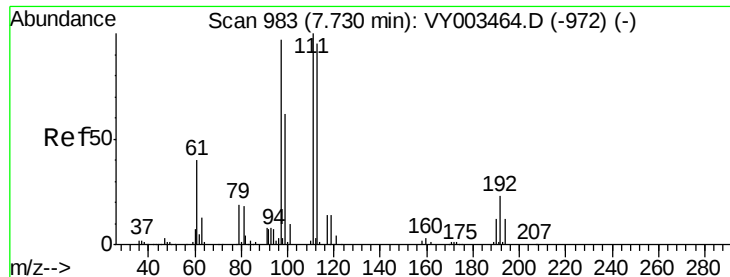
Tot Ion: 65 Resp: 128239
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 114 Resp: 353225
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.983 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

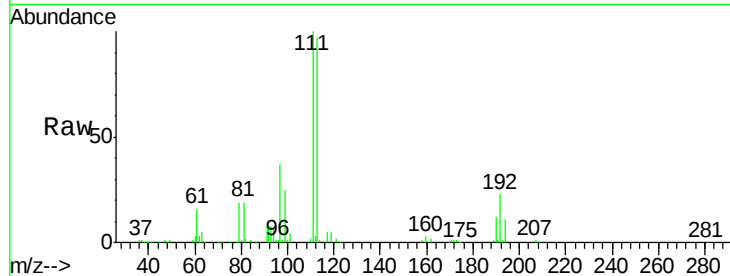
Tot Ion:113 Resp: 109585

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

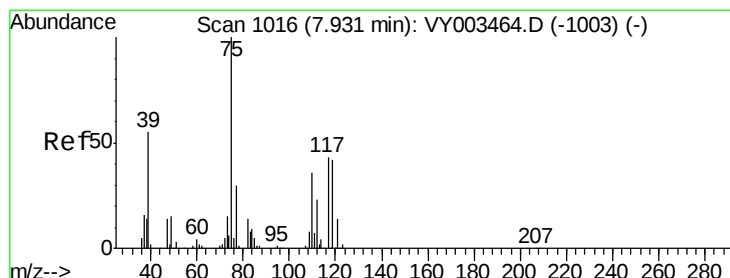
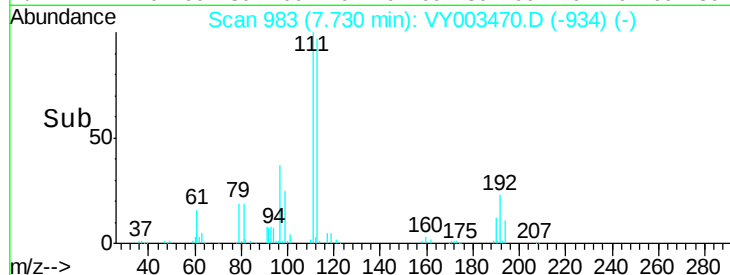
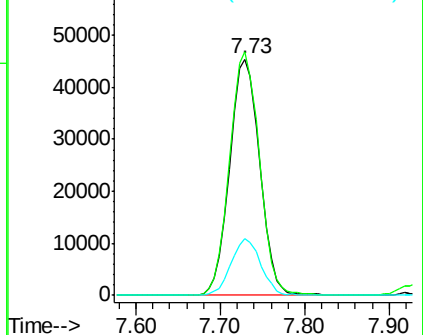
192 23.6 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.092 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

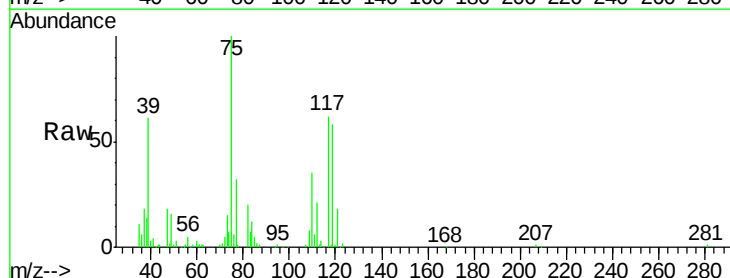
Tgt Ion: 75 Resp: 70244

Ion Ratio Lower Upper

75 100

110 34.6 17.6 52.9

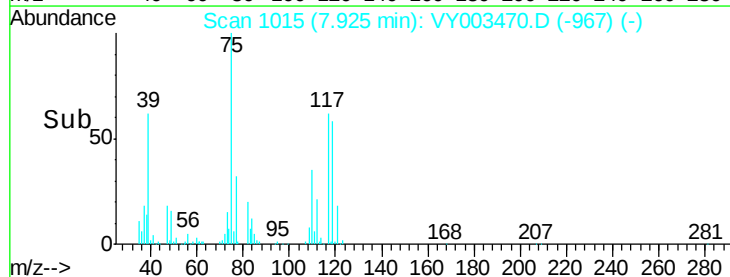
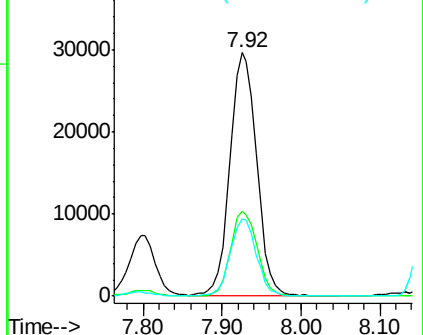
77 31.0 24.7 37.1

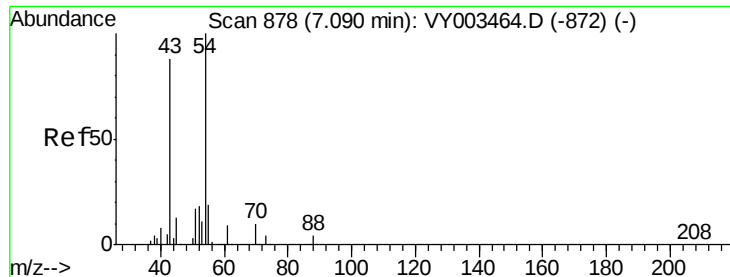


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

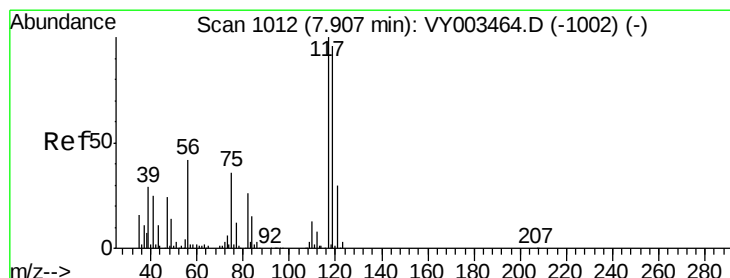
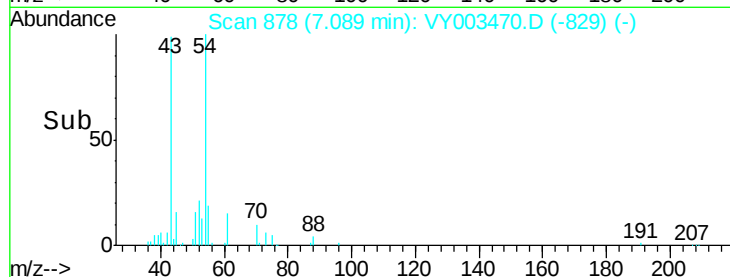
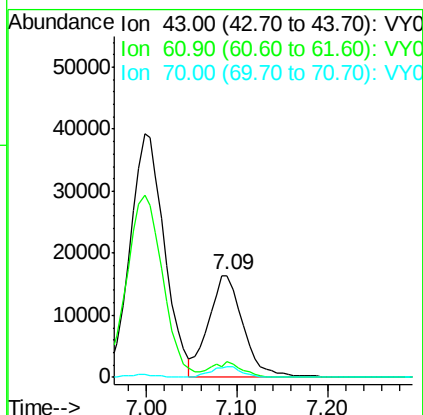
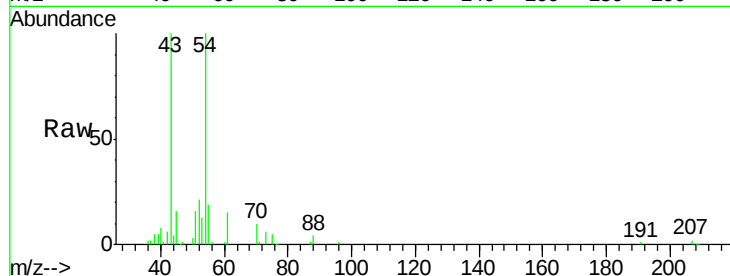




#37
Ethyl Acetate
Concen: 21.226 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

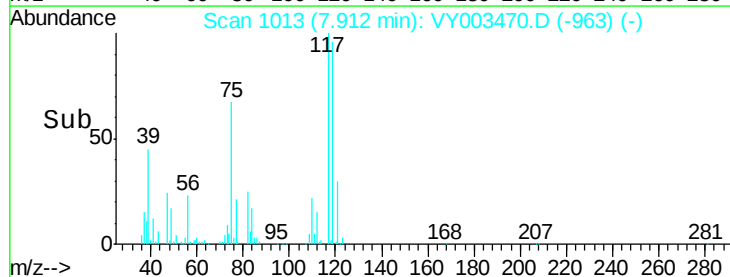
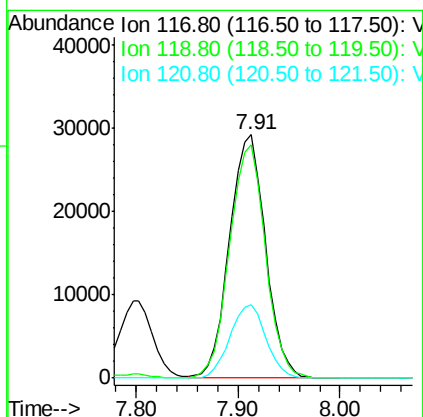
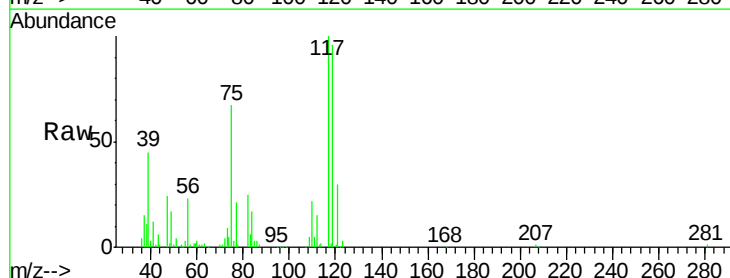
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

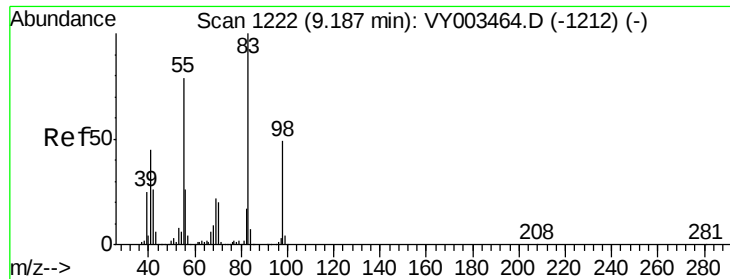
Tot Ion: 43 Resp: 43896
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.709 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 117 Resp: 71547
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
121 30.3 24.2 36.4

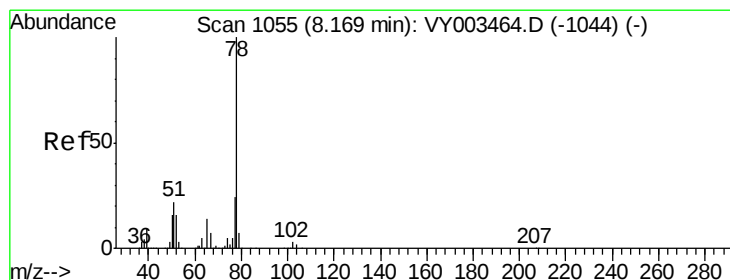
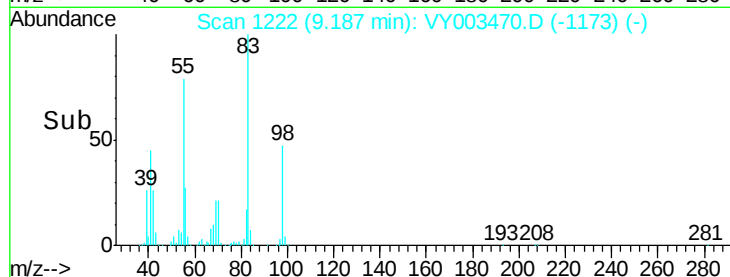
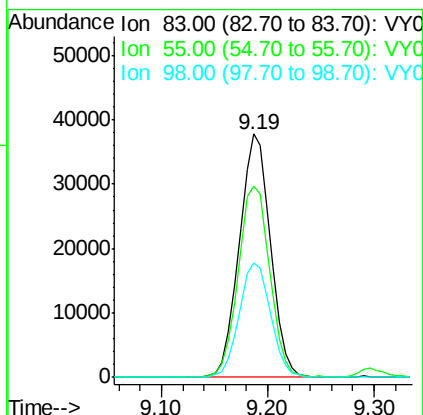
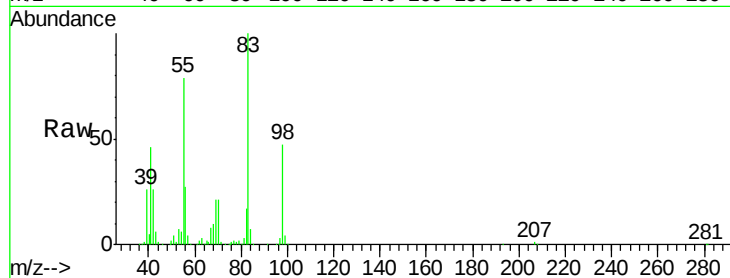




#39
Methvlcvclohexane
Concen: 20.985 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

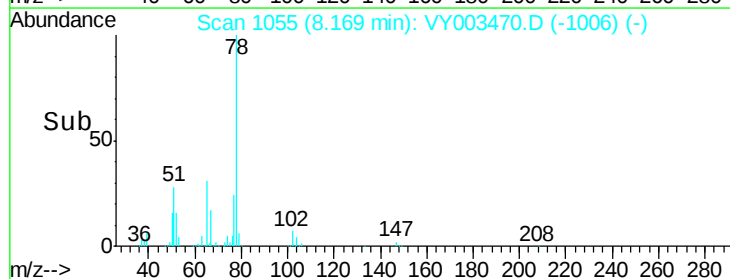
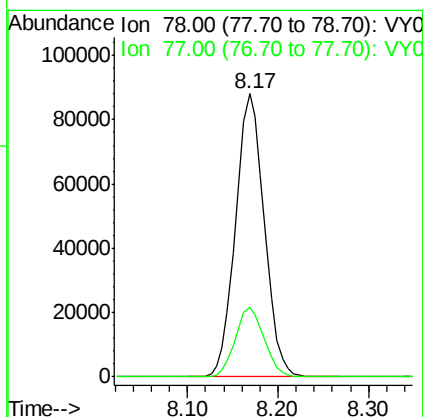
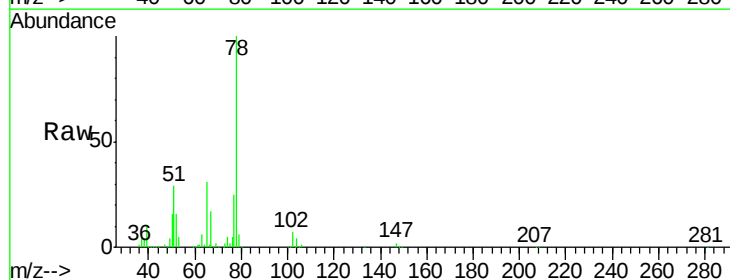
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

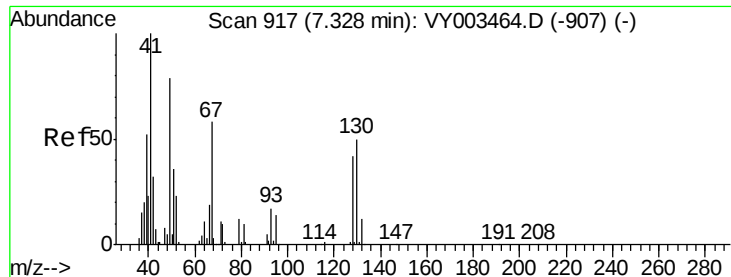
Tot Ion: 83 Resp: 77820
Ion Ratio Lower Upper
83 100
55 78.6 63.5 95.3
98 47.1 39.4 59.2



#40
Benzene
Concen: 20.916 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 78 Resp: 193856
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

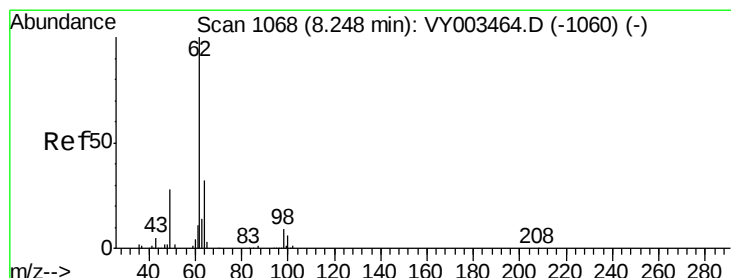
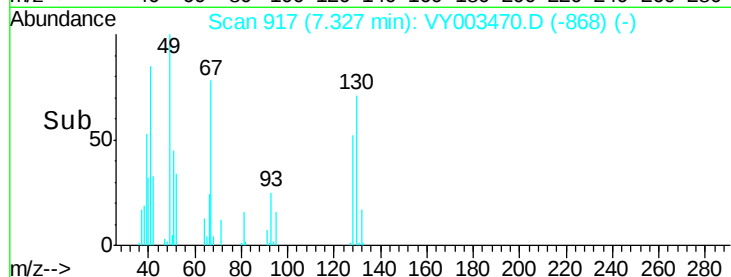
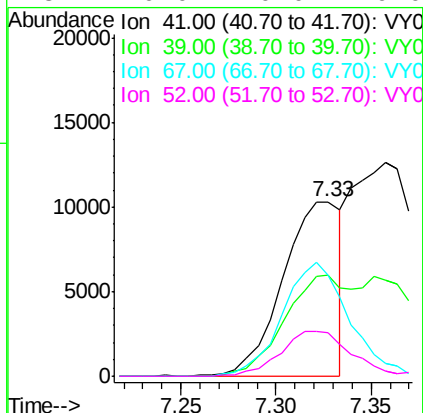
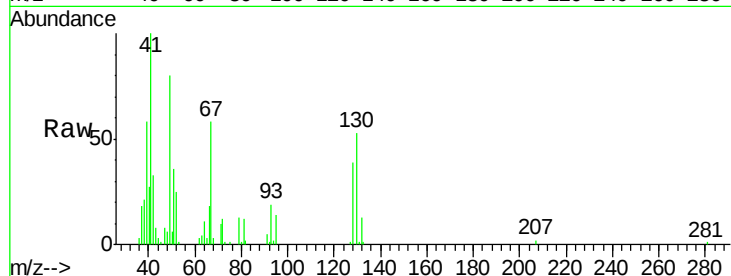




#41
Methacrylonitrile
Concen: 19.918 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

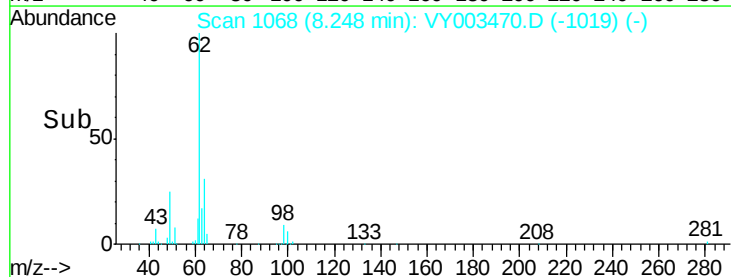
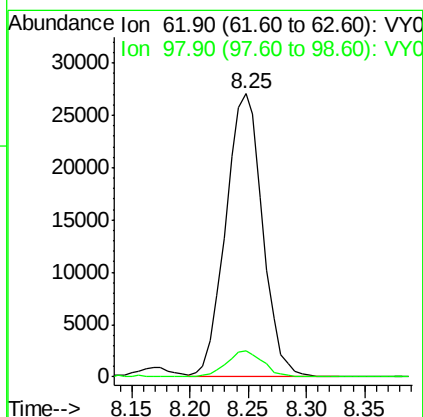
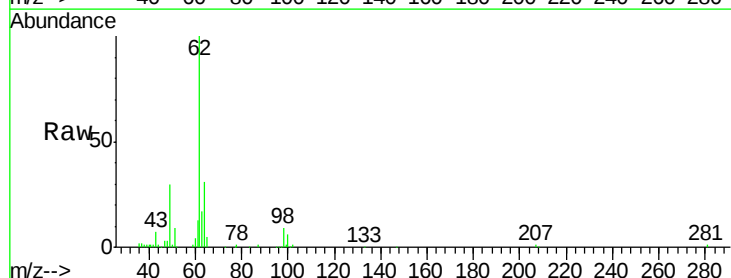
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

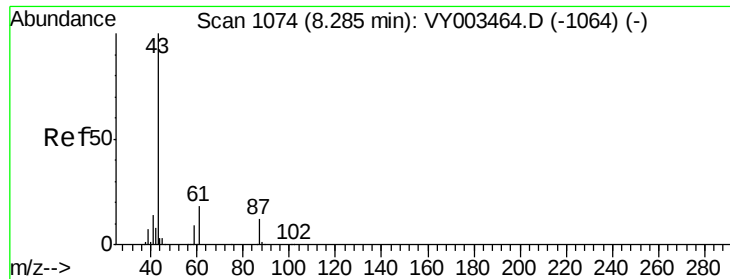
Tot Ion:	41	Resp:	21996
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.448 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion:	62	Resp:	59381
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



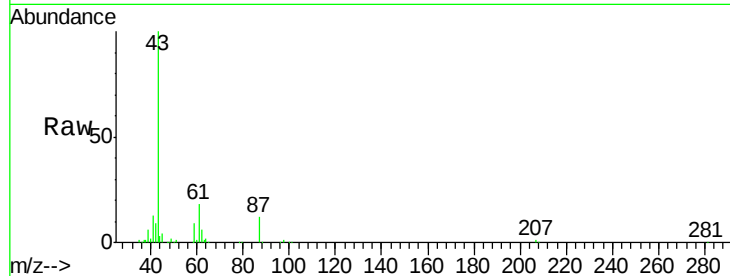


#43

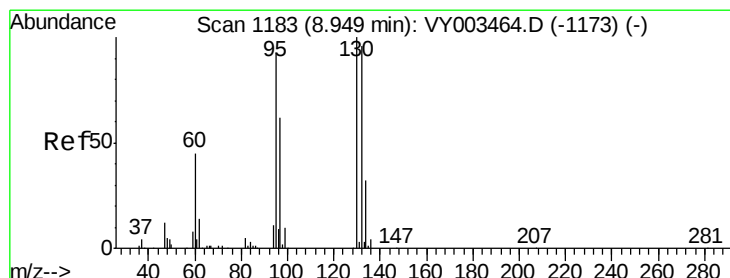
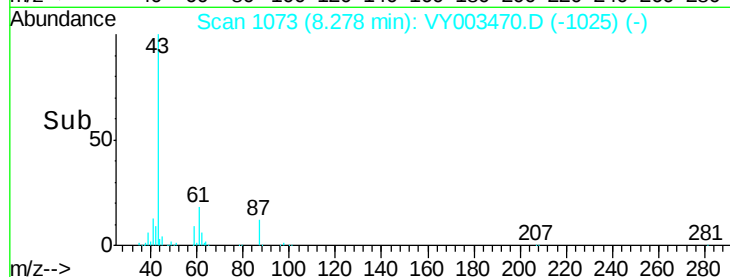
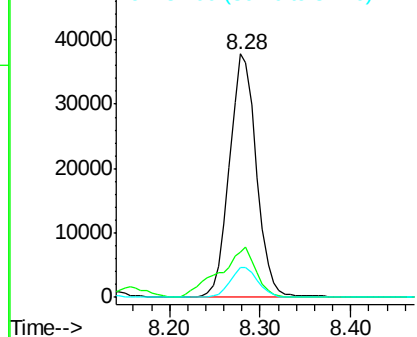
Isopropyl Acetate
 Concen: 21.118 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

Tot Ion: 43 Resp: 78488
 Ion Ratio Lower Upper
 43 100
 61 27.5 21.9 32.9
 87 12.5 10.0 15.0



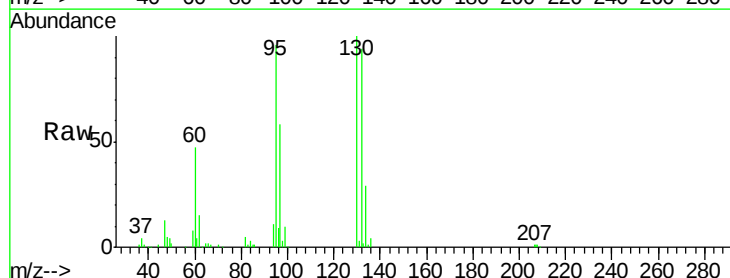
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



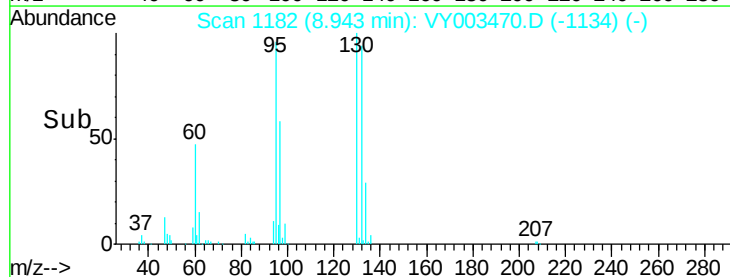
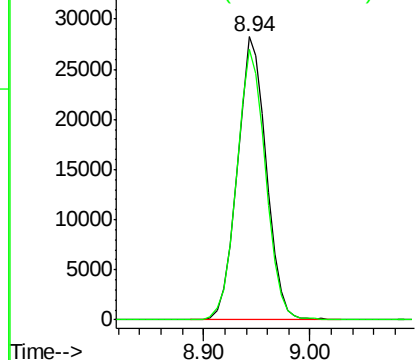
#44

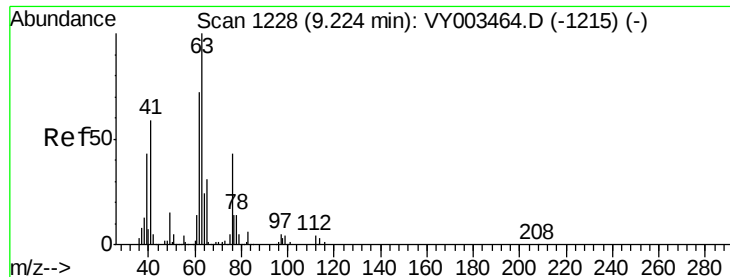
Trichloroethene
 Concen: 20.696 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 130 Resp: 53848
 Ion Ratio Lower Upper
 130 100
 95 95.6 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.810 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

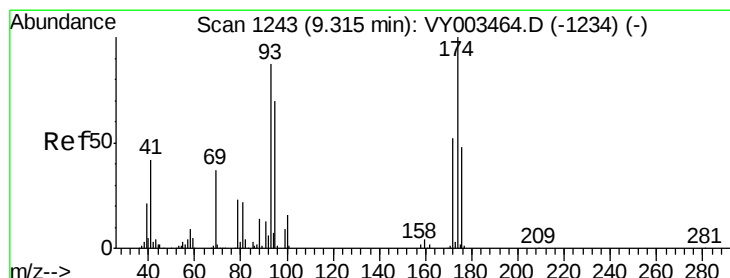
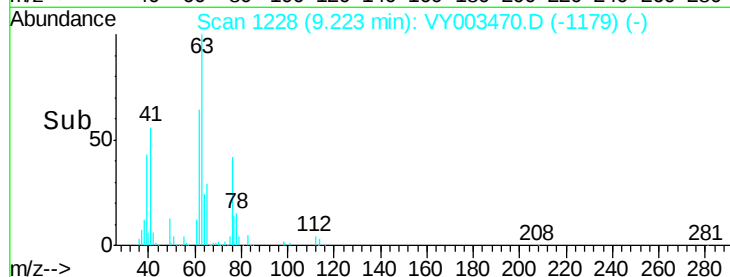
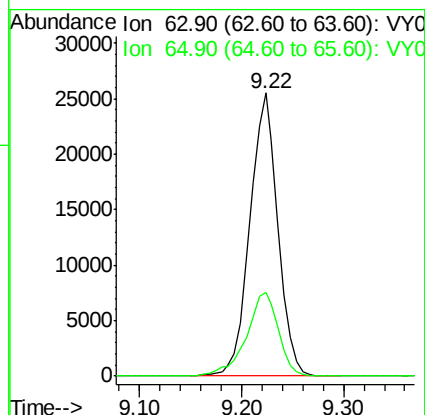
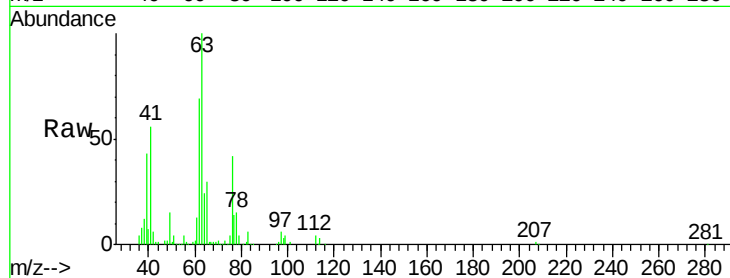
VY1102SBSD01

Tot Ion: 63 Resp: 48706

Ion Ratio Lower Upper

63 100

65 29.7 24.6 36.8



#46

Dibromomethane

Concen: 20.736 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

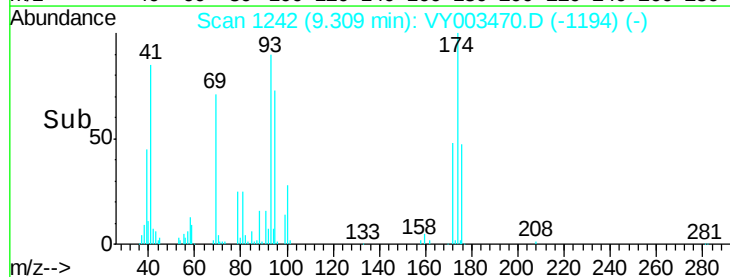
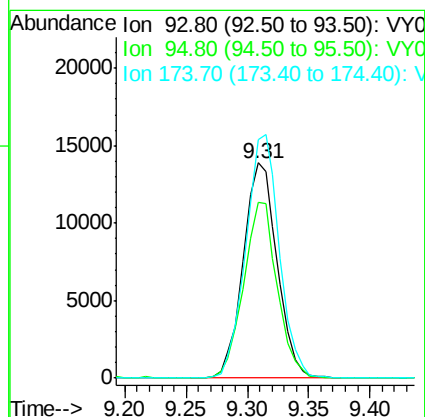
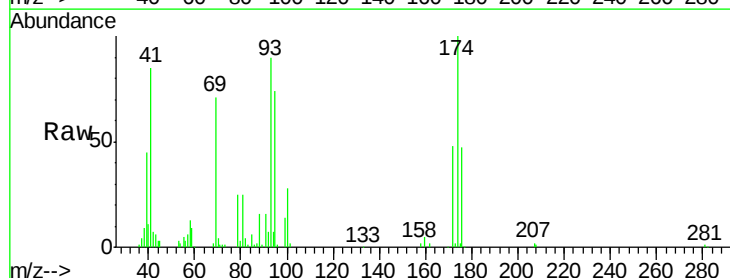
Tgt Ion: 93 Resp: 26701

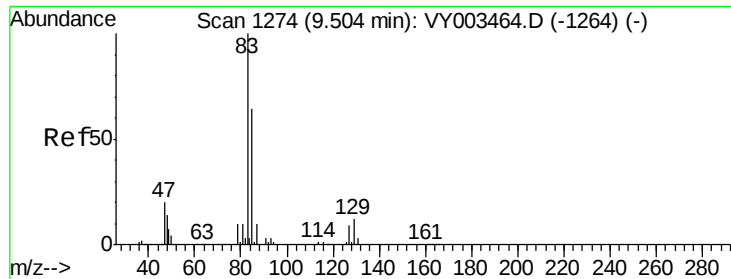
Ion Ratio Lower Upper

93 100

95 81.2 65.0 97.6

174 112.5 91.8 137.6





#47

Bromodichloromethane

Concen: 20.453 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

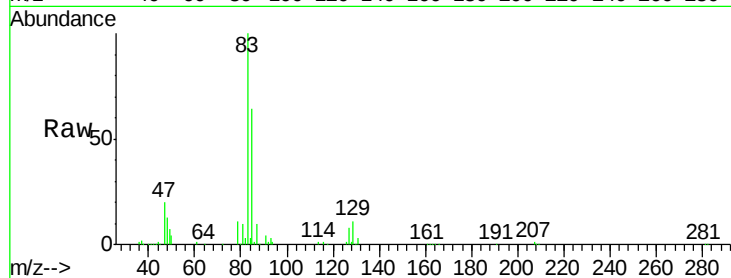
Tot Ion: 83 Resp: 64462

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

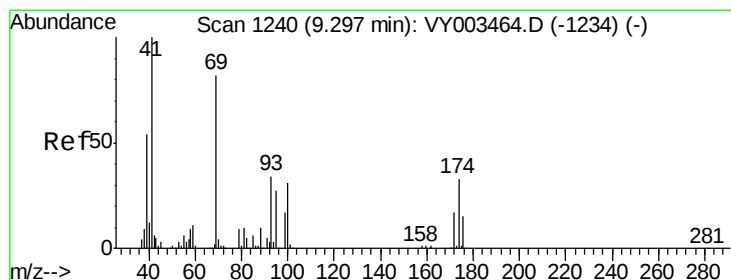
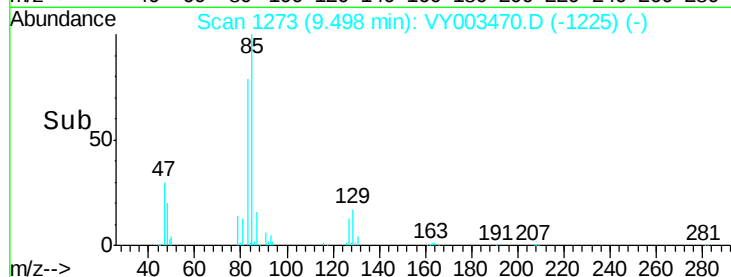
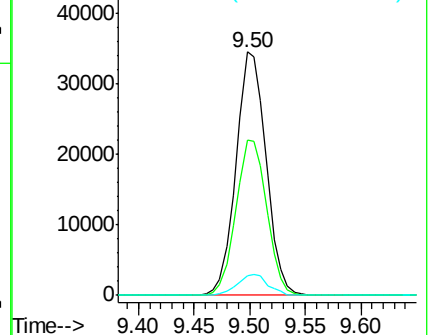
127 8.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 20.623 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

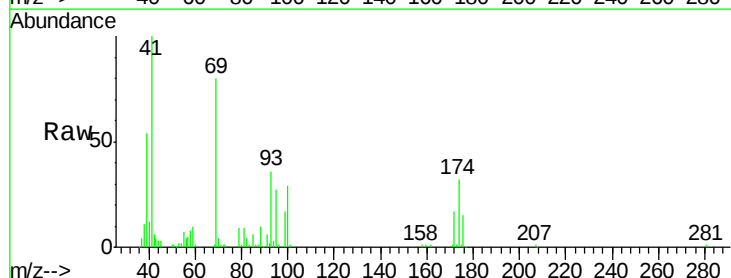
Tgt Ion: 41 Resp: 36106

Ion Ratio Lower Upper

41 100

69 83.8 65.9 98.9

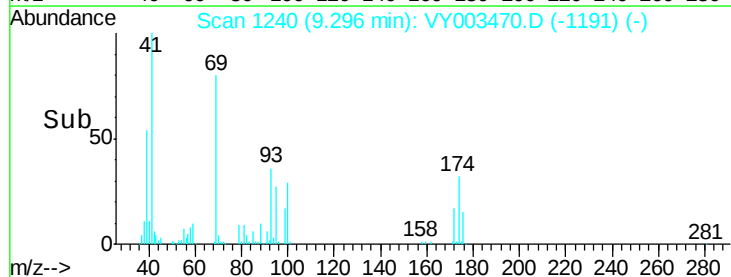
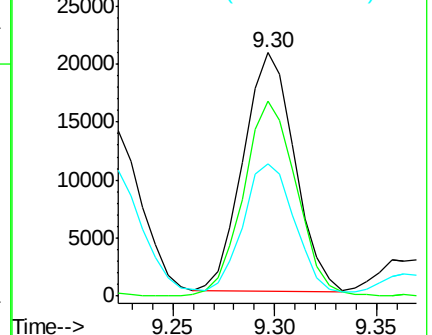
39 56.7 43.2 64.8

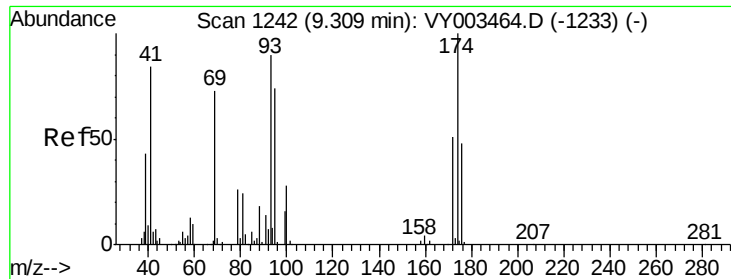


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

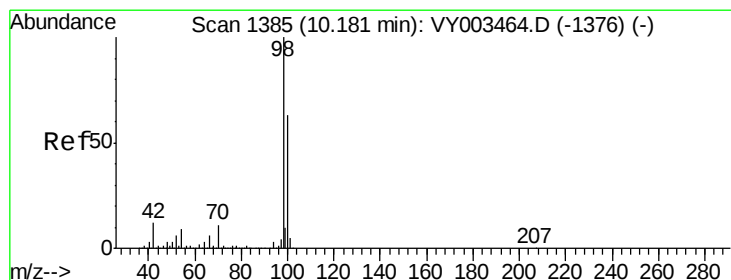
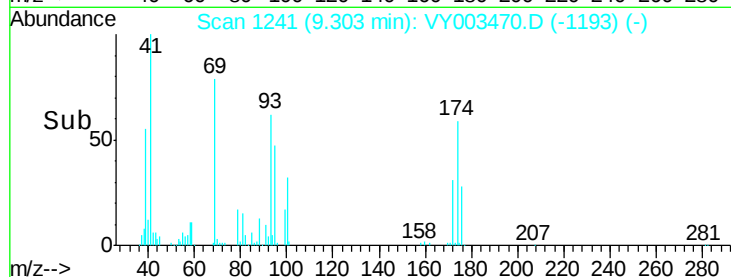
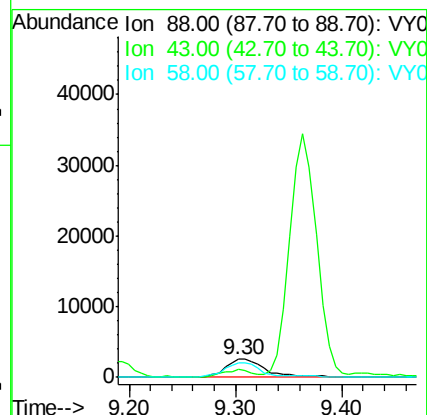
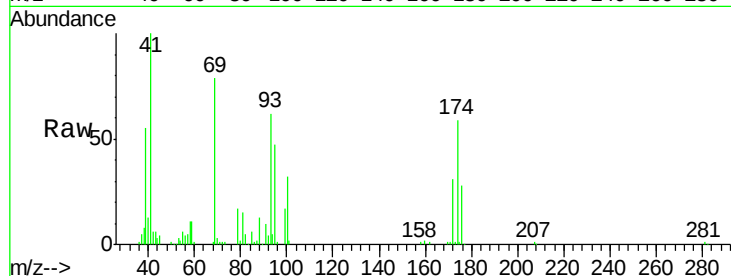




#49
1,4-Dioxane
Concen: 415.826 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

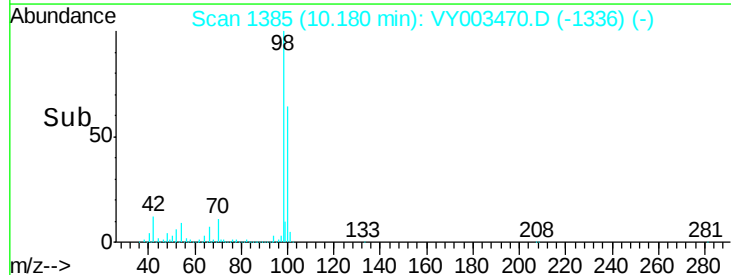
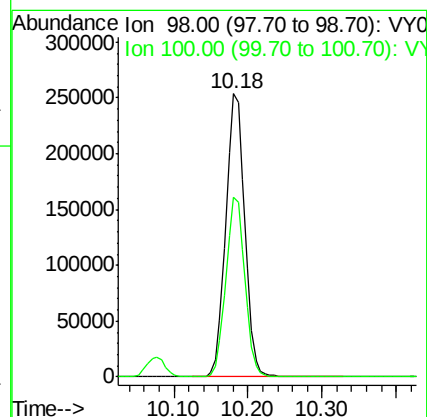
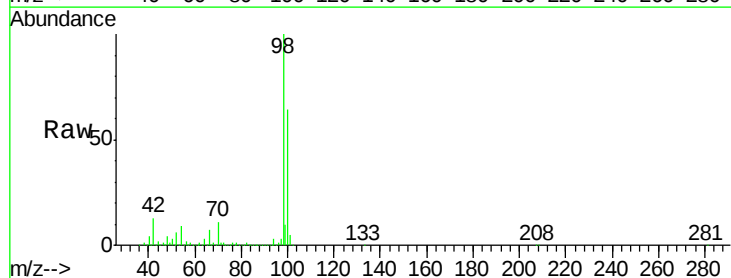
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

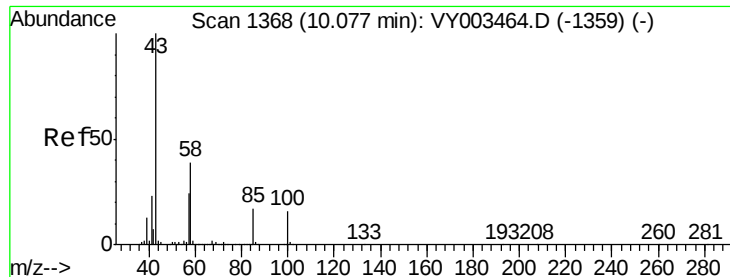
Tot Ion: 88 Resp: 6681
Ion Ratio Lower Upper
88 100
43 30.5 27.6 41.4
58 81.2 54.2 81.2#



#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 98 Resp: 450992
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 104.845 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

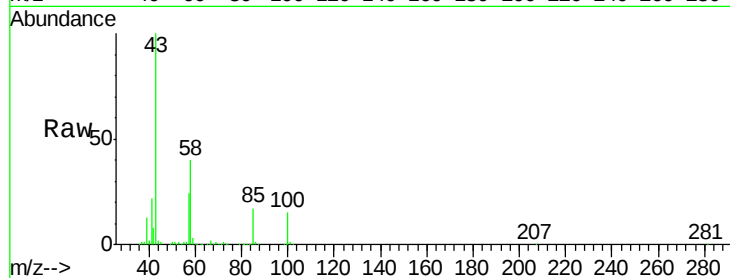
VY1102SBS01

Tot Ion: 43 Resp: 207612

Ion Ratio Lower Upper

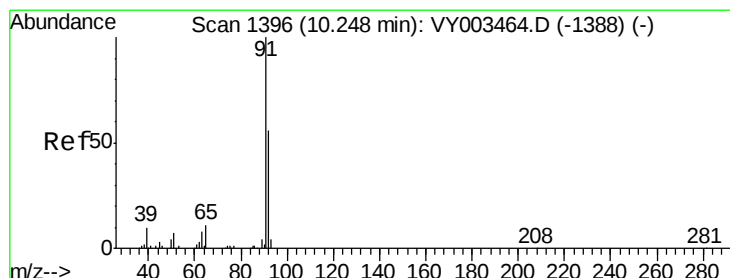
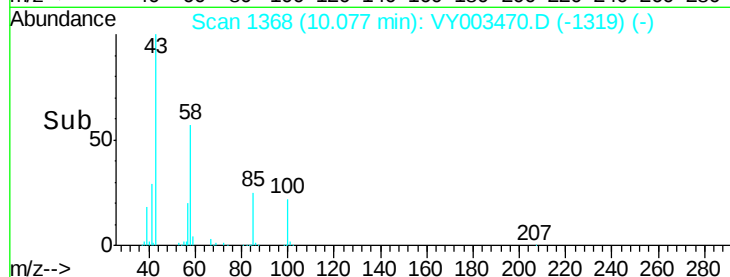
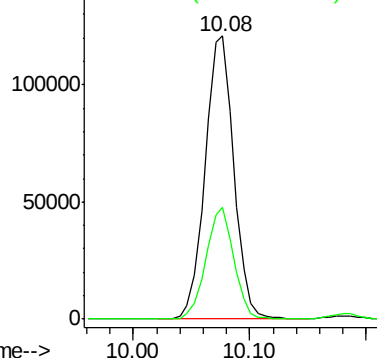
43 100

58 38.3 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.883 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003470.D

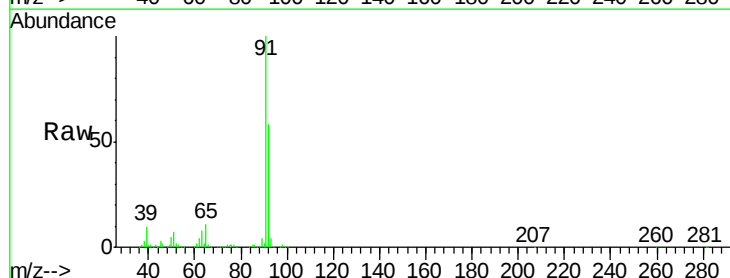
Acq: 02 Nov 2020 14:20

Tgt Ion: 92 Resp: 121055

Ion Ratio Lower Upper

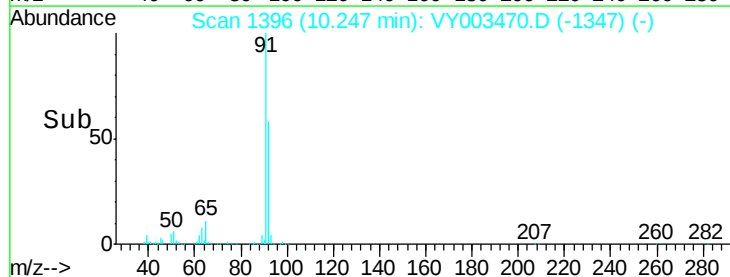
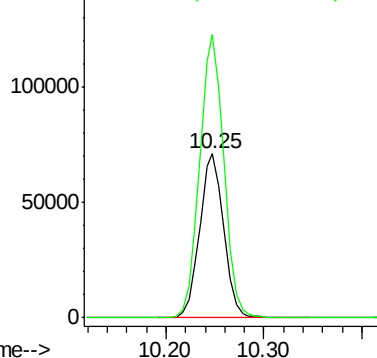
92 100

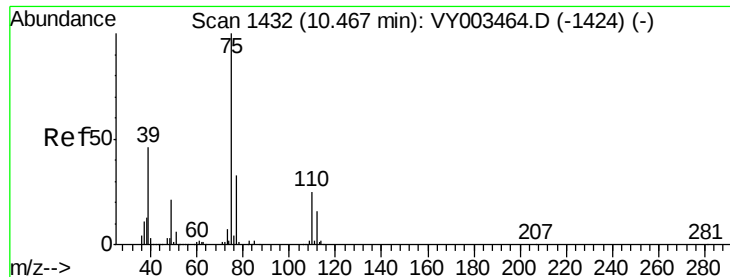
91 173.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.631 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

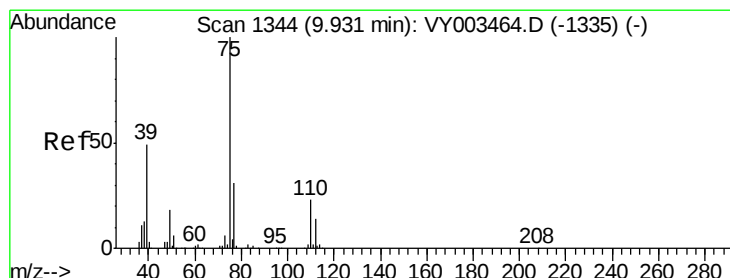
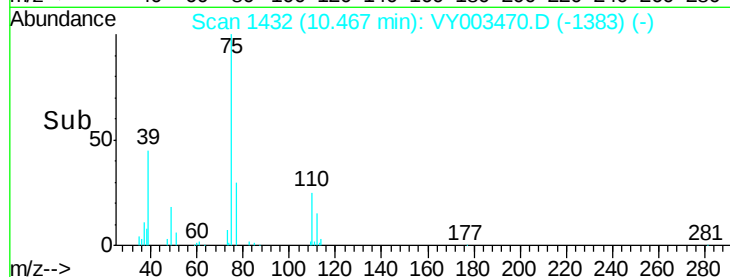
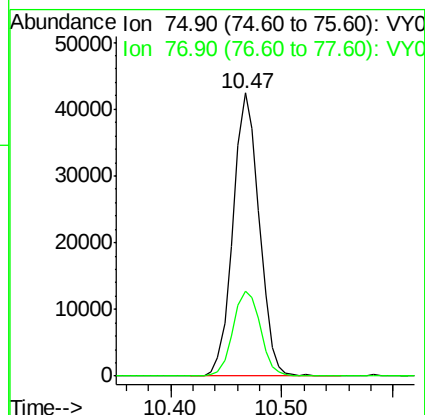
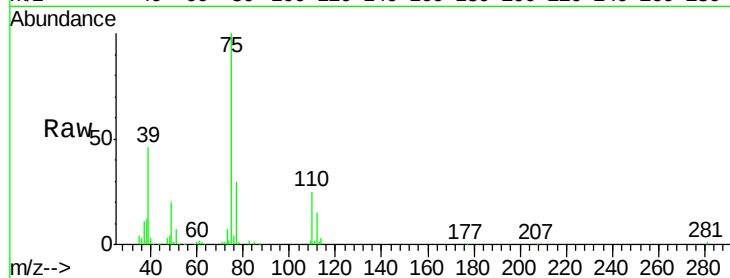
VY1102SBSD01

Tot Ion: 75 Resp: 69196

Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 20.769 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

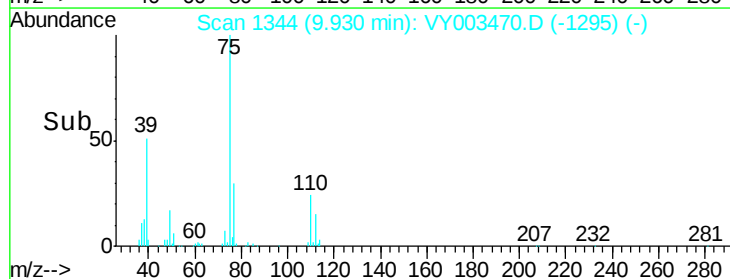
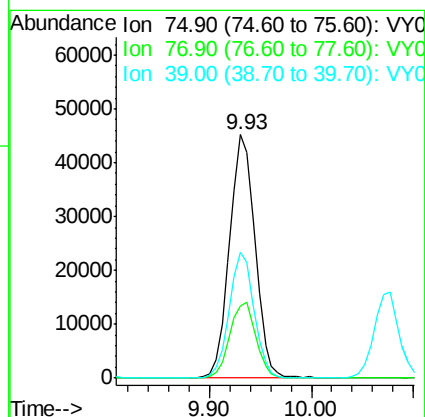
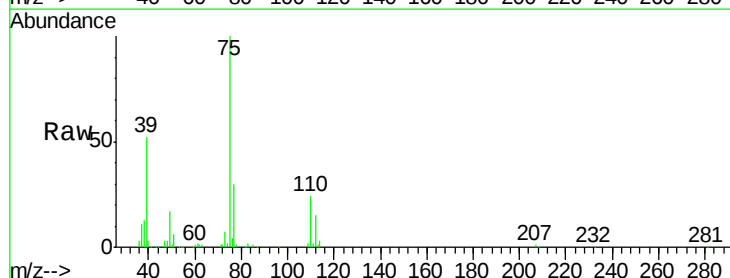
Tgt Ion: 75 Resp: 78386

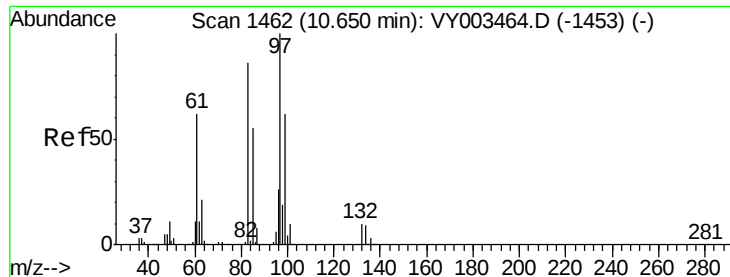
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 51.6 39.0 58.4

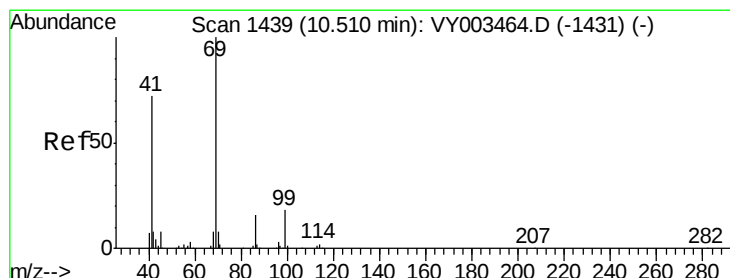
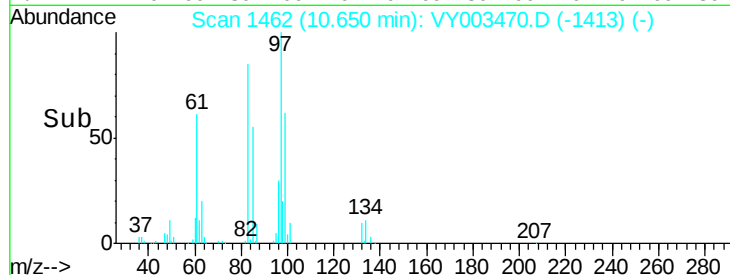
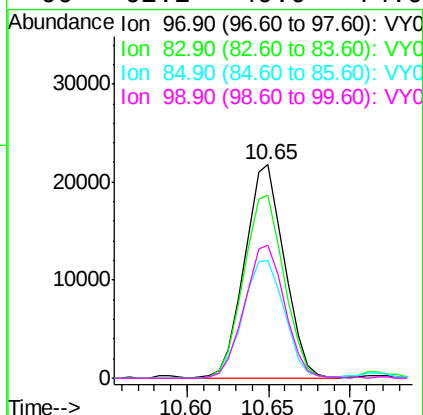
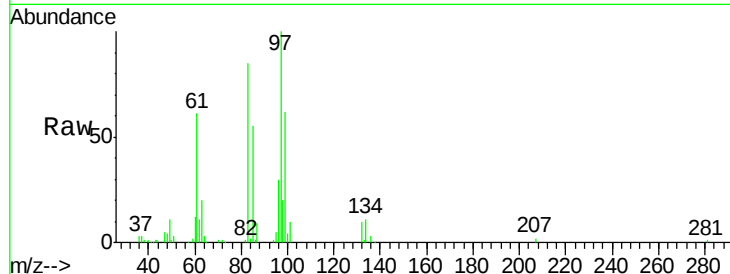




#55
 1,1,2-Trichloroethane
 Concen: 20.233 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

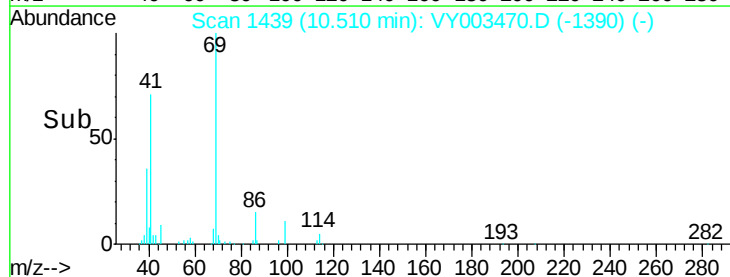
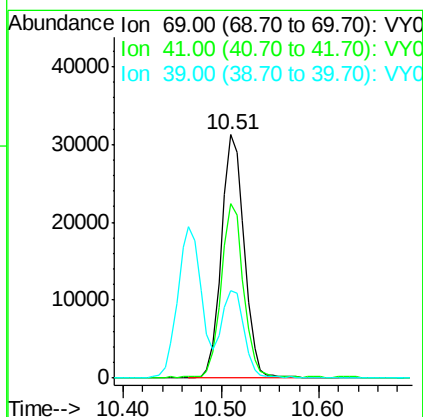
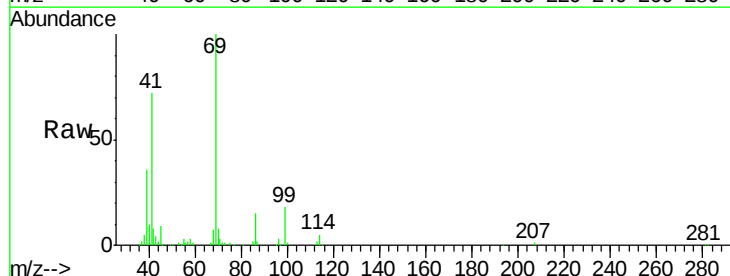
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

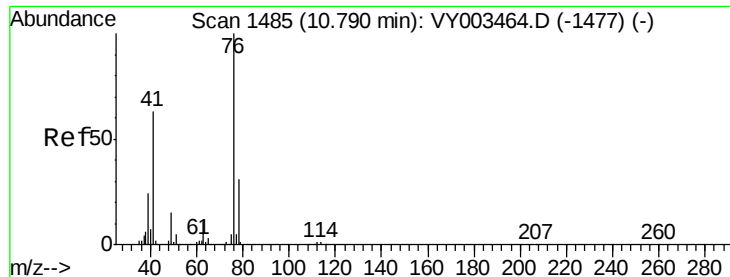
Tot Ion: 97 Resp: 36983
 Ion Ratio Lower Upper
 97 100
 83 85.4 68.6 102.8
 85 55.2 43.8 65.6
 99 62.2 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 20.761 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 69 Resp: 50830
 Ion Ratio Lower Upper
 69 100
 41 70.6 55.4 83.2
 39 35.3 28.7 43.1





#57

1,3-Dichloropropane

Concen: 20.733 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

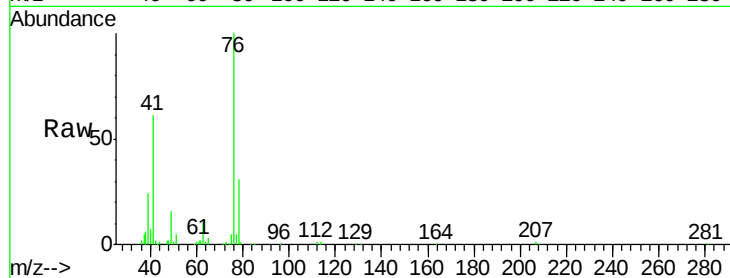
VY1102SBSD01

Tot Ion: 76 Resp: 65898

Ion Ratio Lower Upper

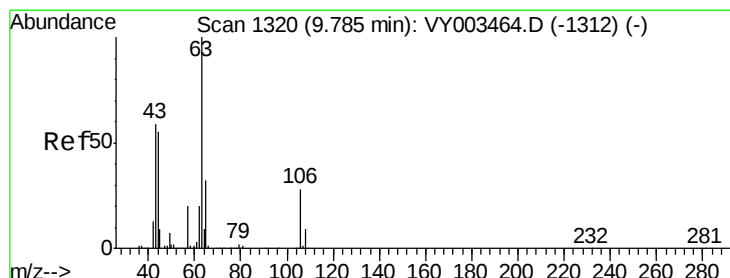
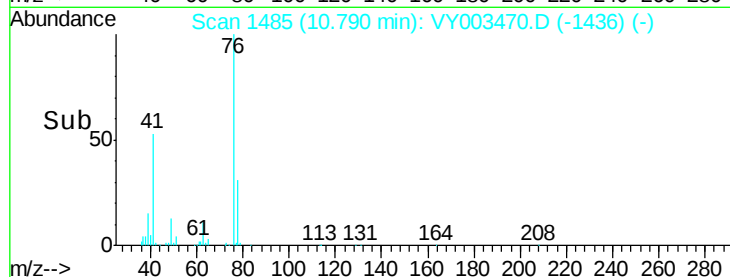
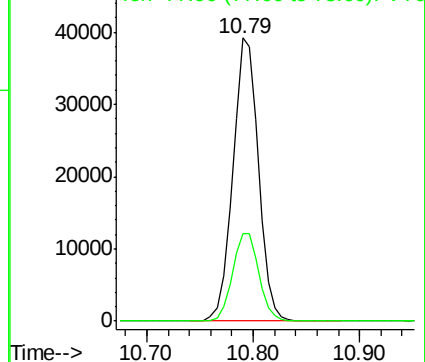
76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.465 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY003470.D

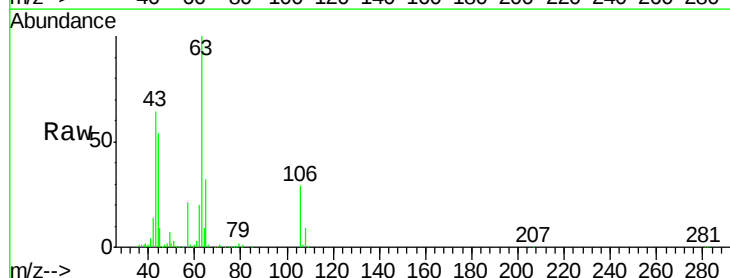
Acq: 02 Nov 2020 14:20

Tgt Ion: 63 Resp: 130899

Ion Ratio Lower Upper

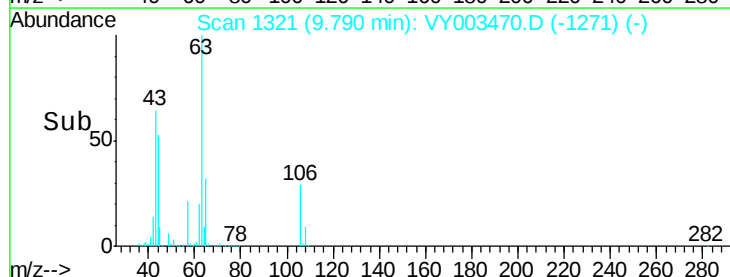
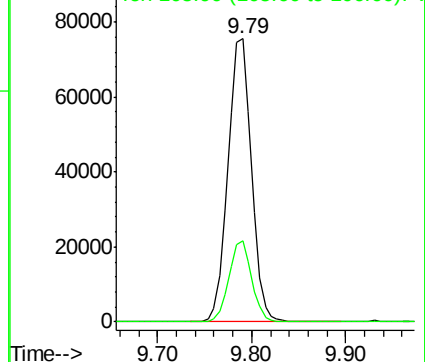
63 100

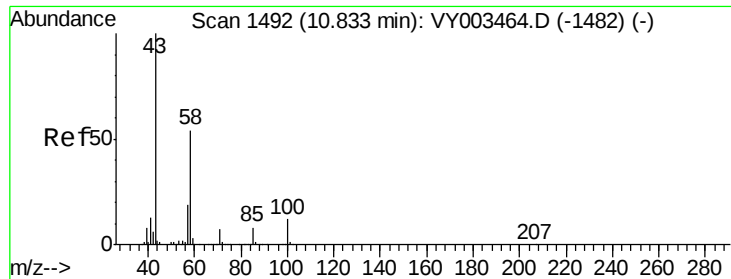
106 27.6 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

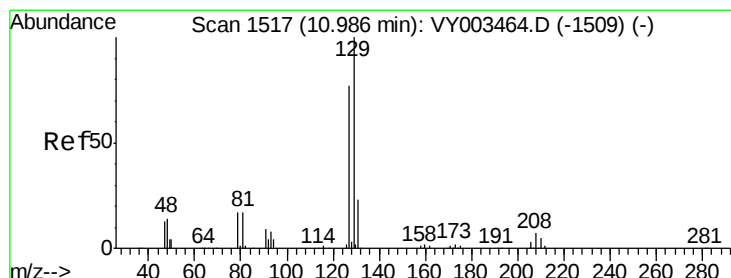
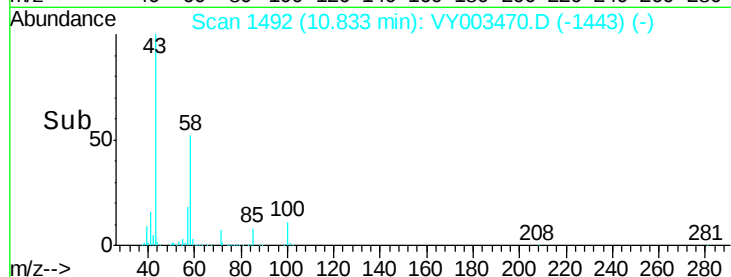
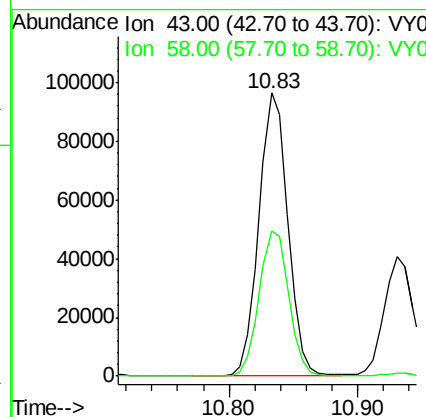
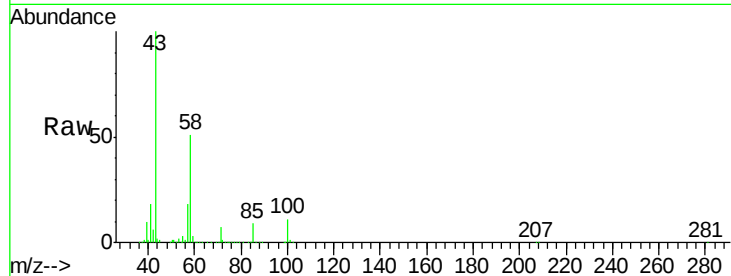




#59
2-Hexanone
Concen: 102.089 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

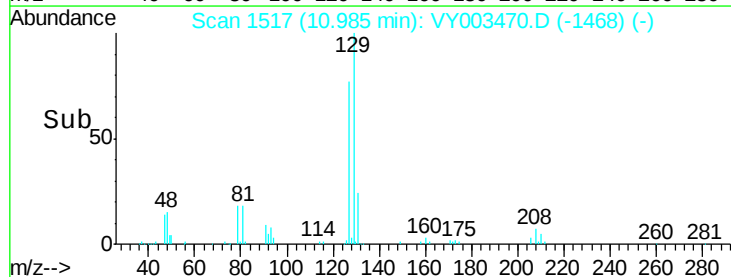
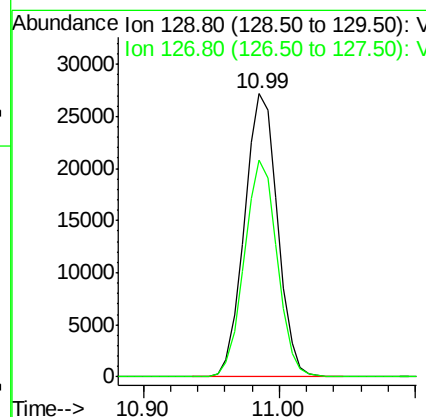
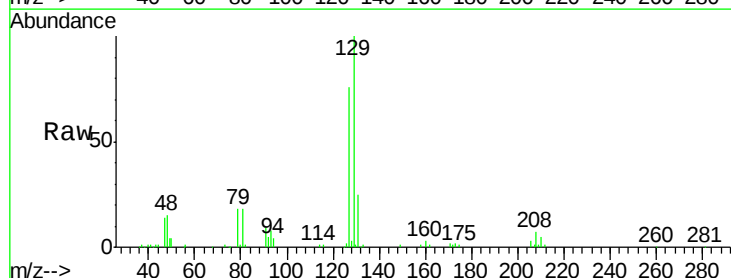
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

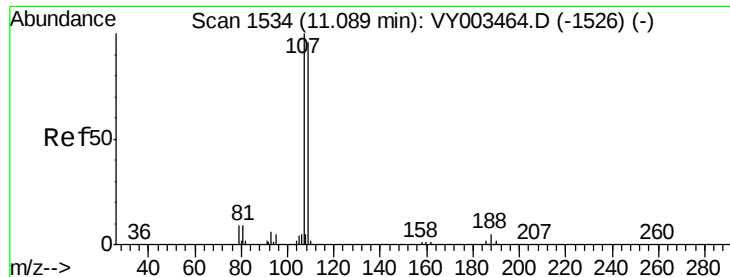
Tot Ion: 43 Resp: 149677
Ion Ratio Lower Upper
43 100
58 52.7 26.8 80.3



#60
Dibromochloromethane
Concen: 20.572 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 129 Resp: 46217
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.3

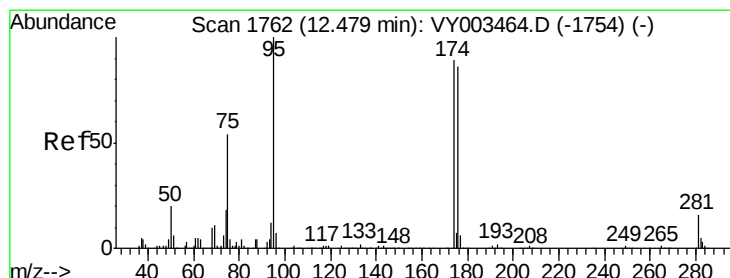
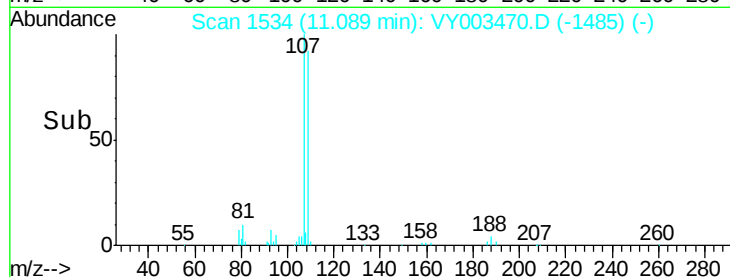
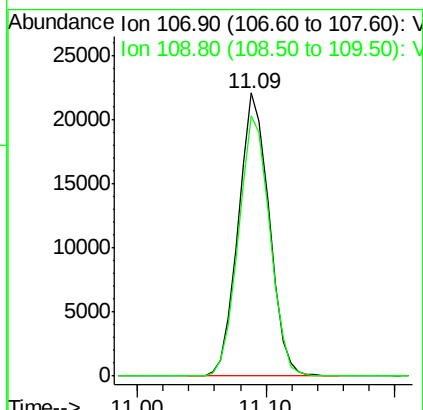
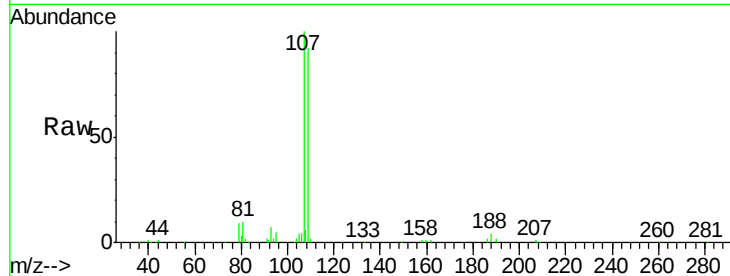




#61
 1,2-Dibromoethane
 Concen: 20.686 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

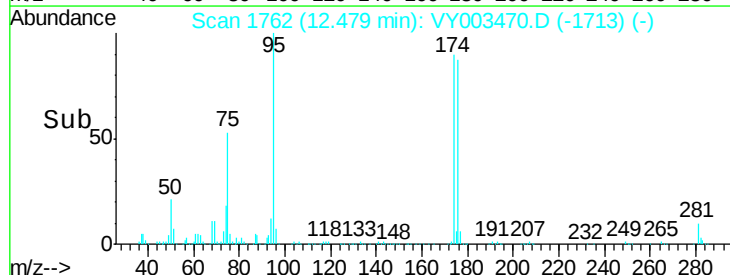
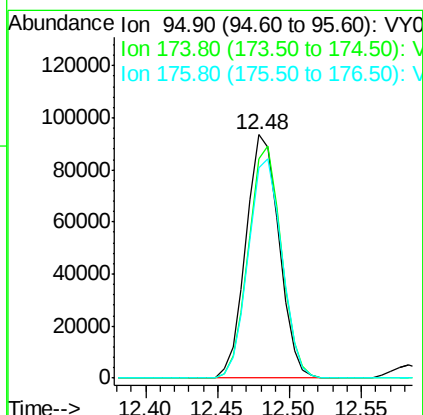
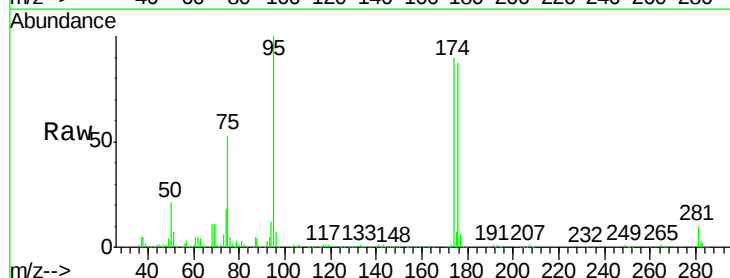
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

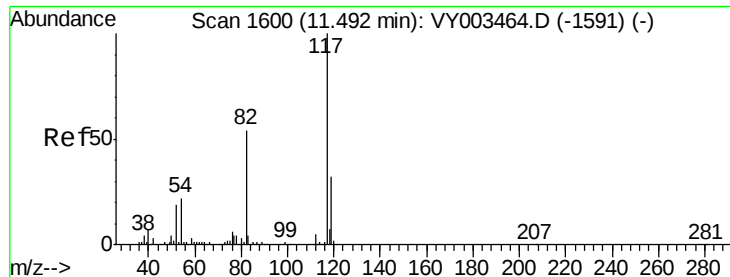
Tot Ion:107 Resp: 36504
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.148 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion: 95 Resp: 148576
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 193.0
 176 91.3 0.0 187.4

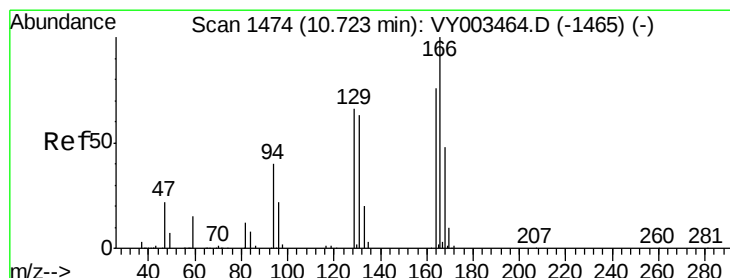
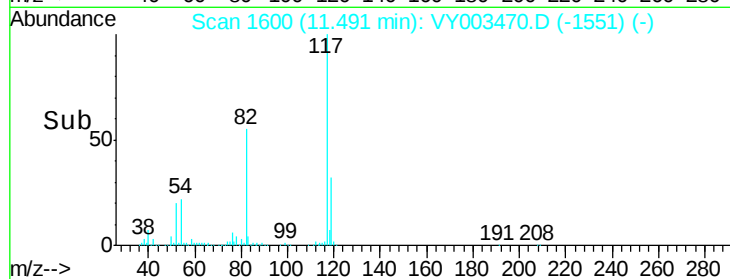
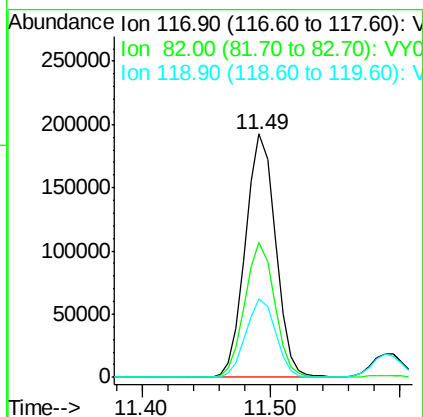
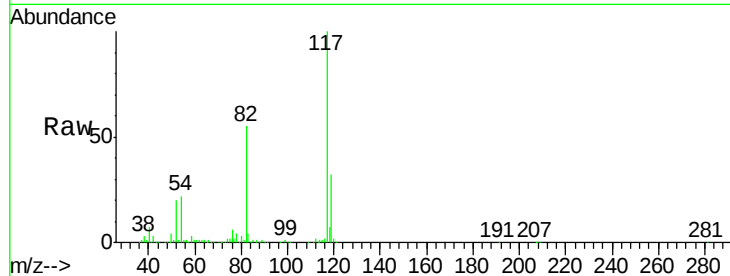




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

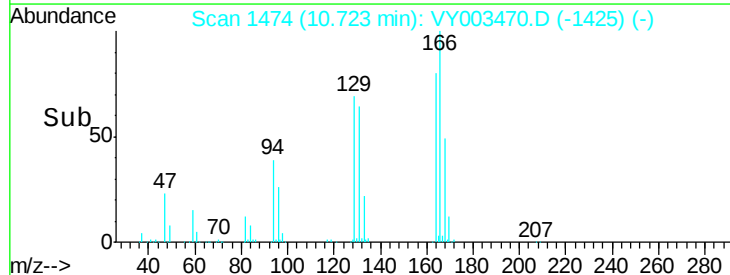
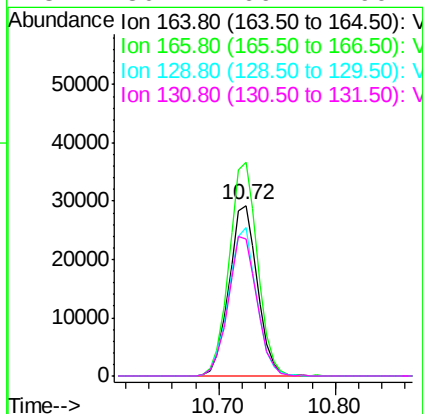
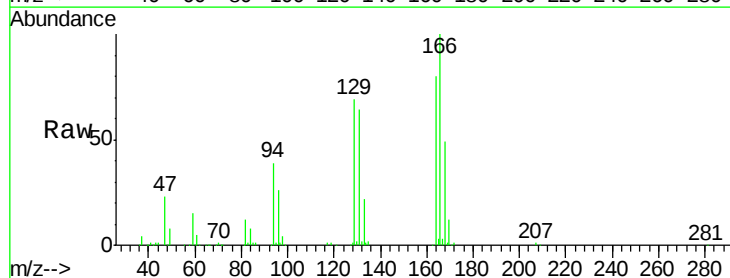
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

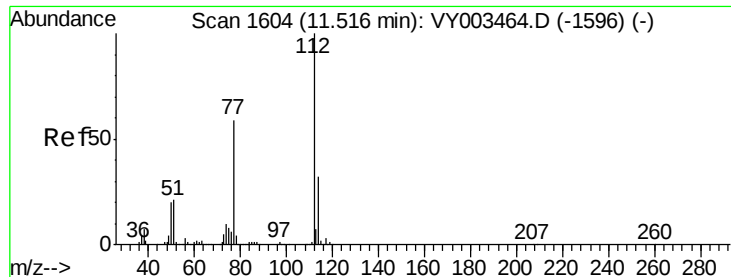
Tot Ion:117 Resp: 311420
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 21.250 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion:164 Resp: 49422
Ion Ratio Lower Upper
164 100
166 125.3 104.9 157.3
129 86.7 68.9 103.3
131 80.7 66.2 99.2

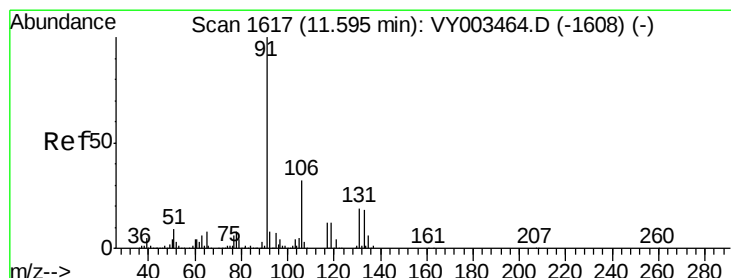
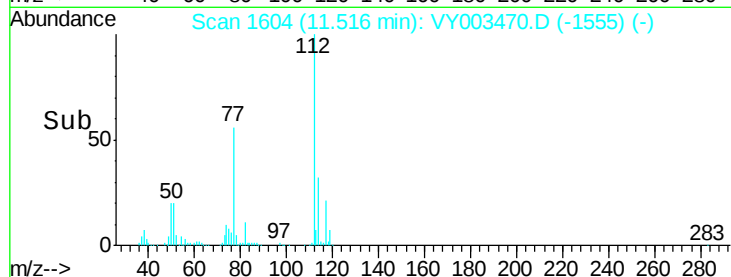
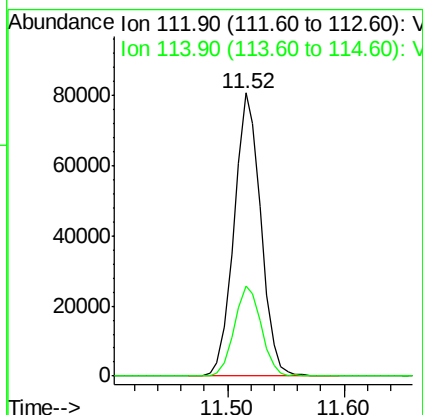
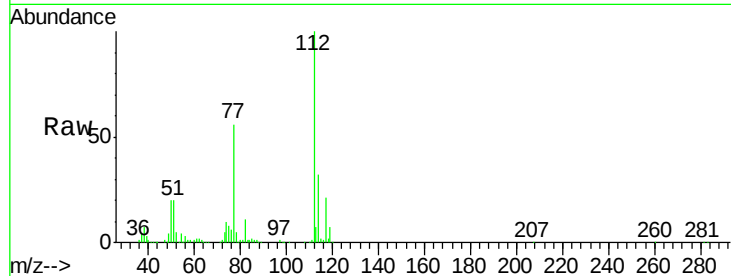




#65
Chlorobenzene
Concen: 21.316 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

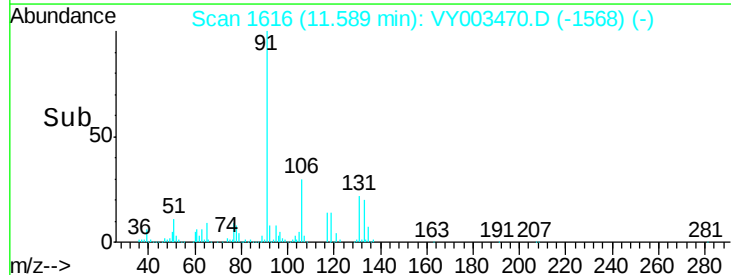
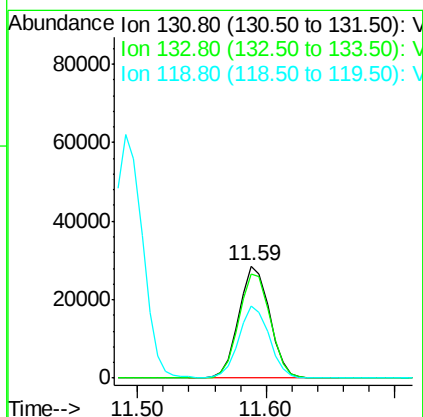
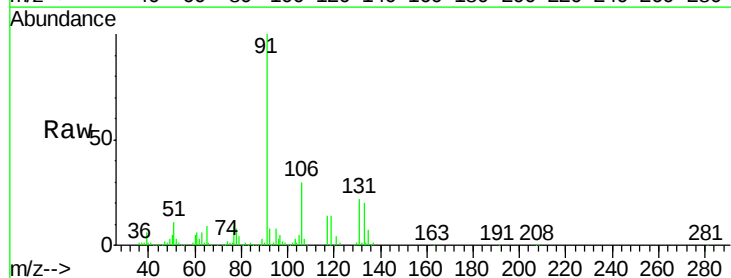
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

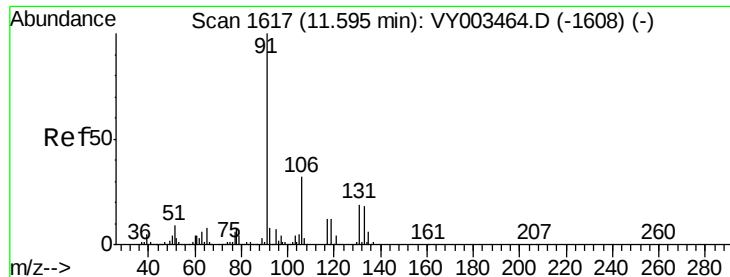
Tot Ion:112 Resp: 128966
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.685 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion:131 Resp: 47196
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 64.0 31.6 95.0

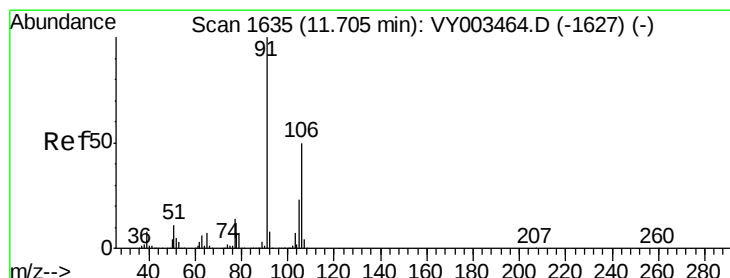
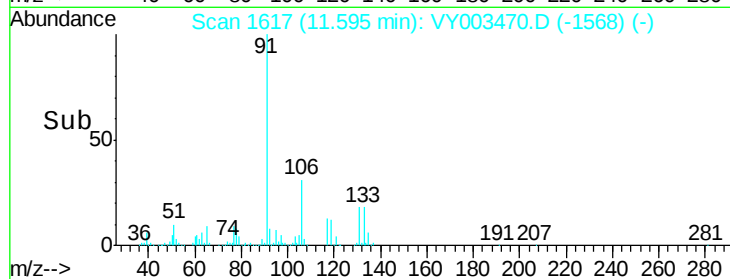
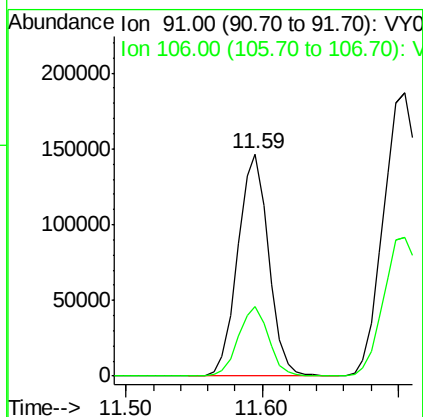
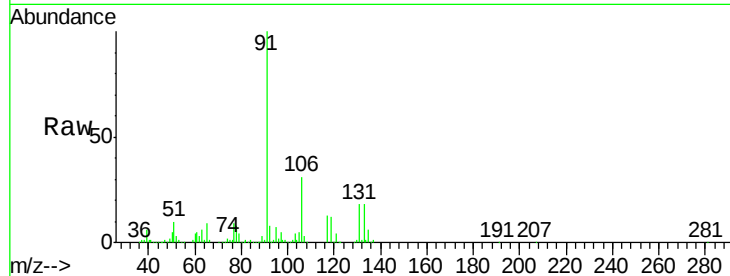




#67
Ethyl Benzene
Concen: 21.136 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

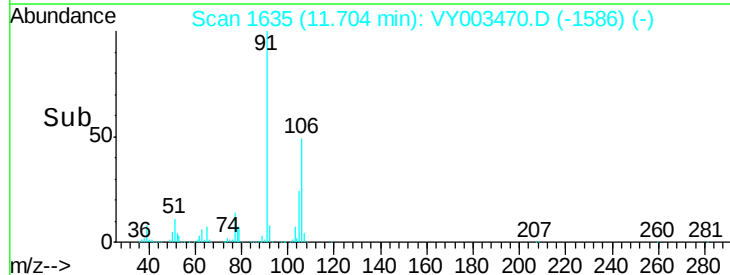
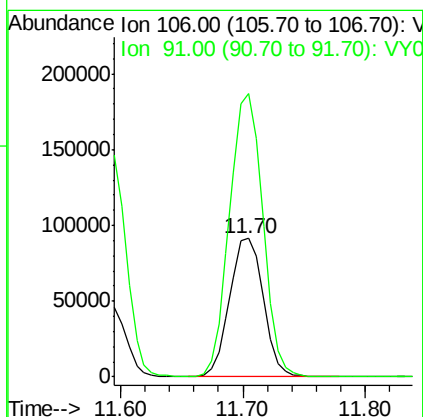
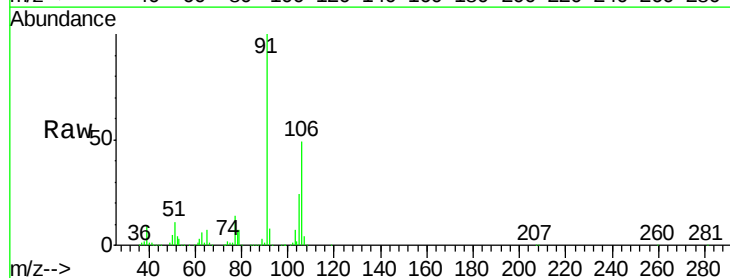
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBS01

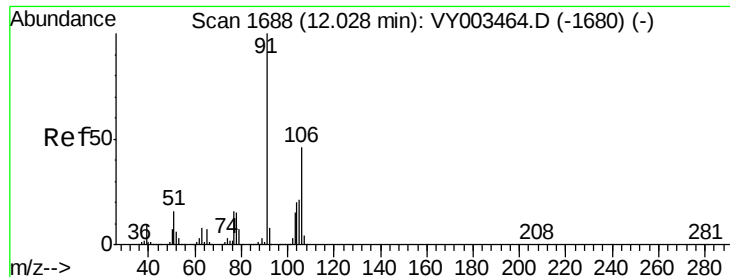
Tot Ion: 91 Resp: 231876
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 41.933 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion: 106 Resp: 174330
Ion Ratio Lower Upper
106 100
91 202.6 161.0 241.6

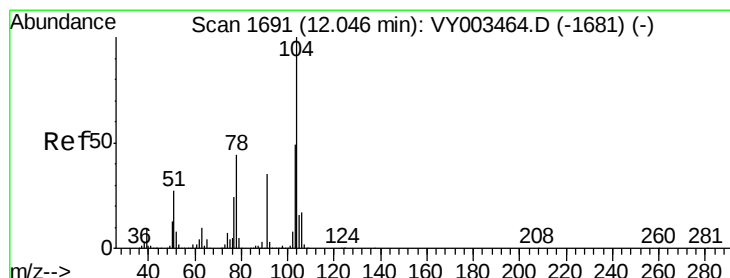
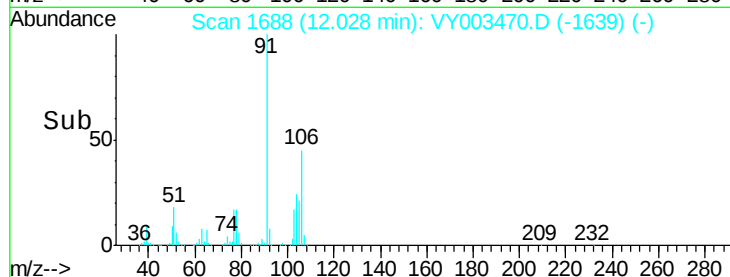
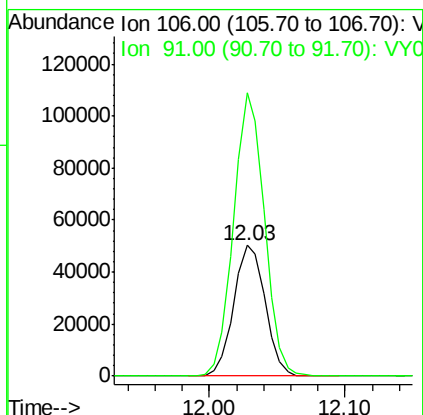
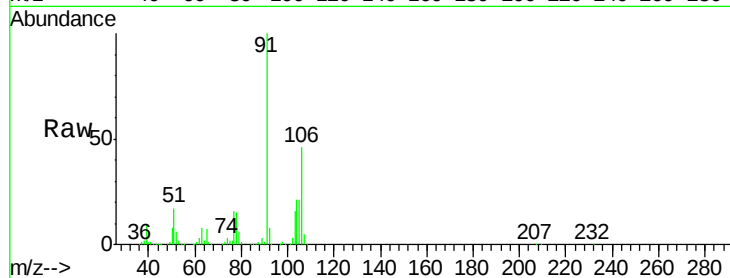




#69
o-Xylene
Concen: 21.146 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

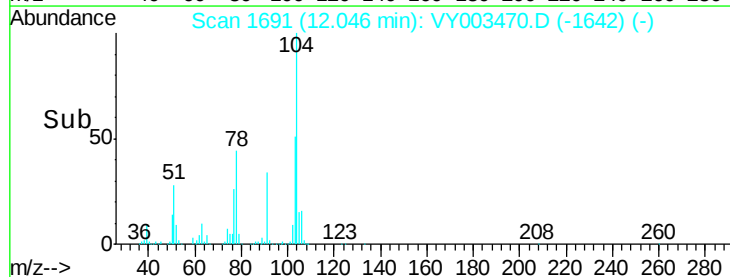
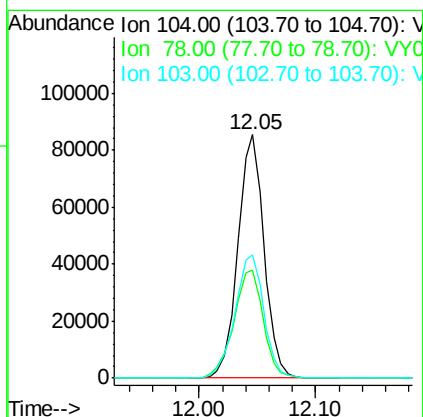
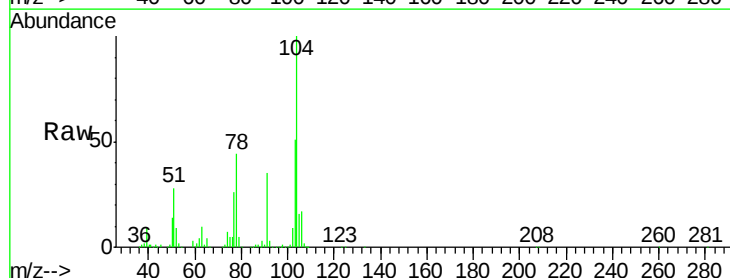
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

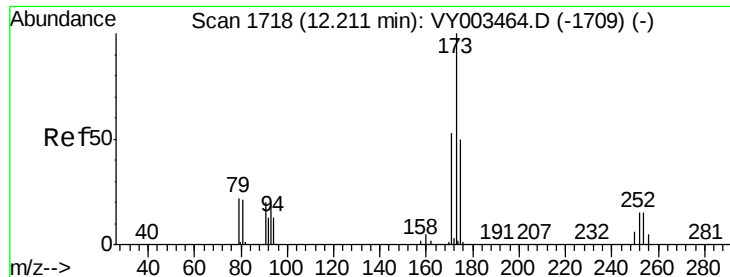
Tot Ion:106 Resp: 80869
Ion Ratio Lower Upper
106 100
91 212.5 105.5 316.5



#70
Styrene
Concen: 20.622 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion:104 Resp: 133905
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 56.1 44.2 66.2





#71

Bromoform

Concen: 20.875 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

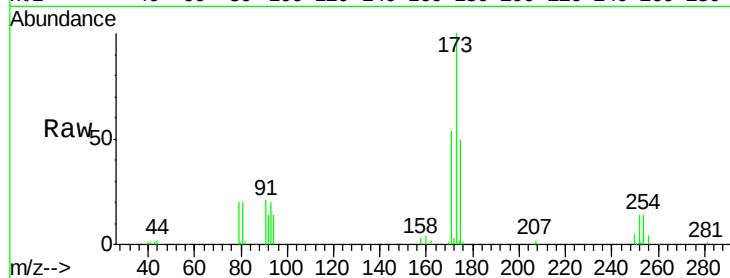
Tot Ion:173 Resp: 31747

Ion Ratio Lower Upper

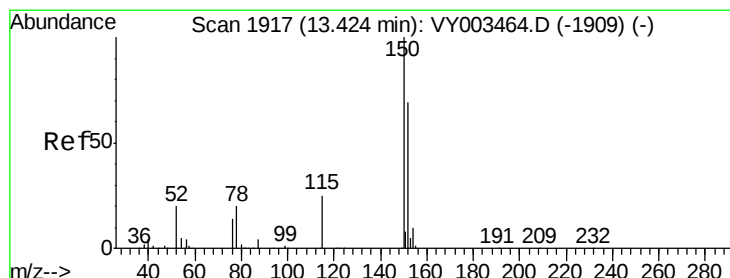
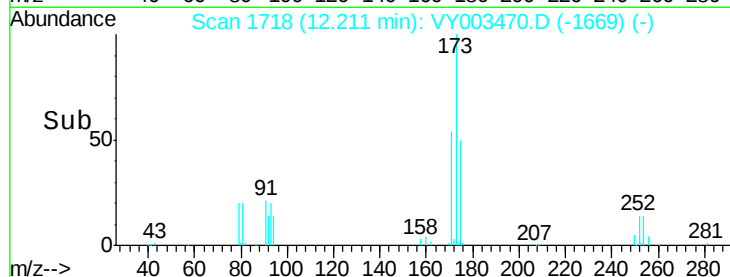
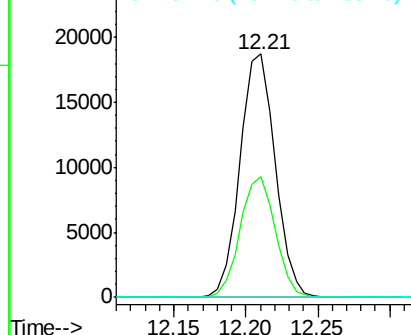
173 100

175 49.4 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

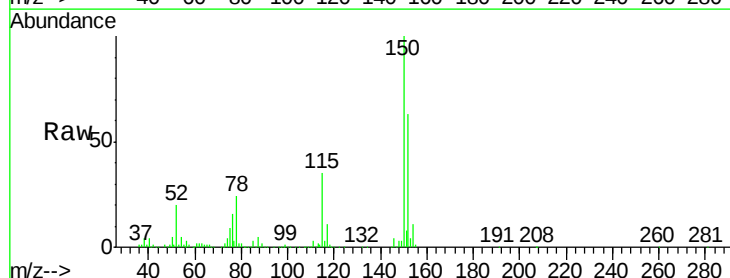
Tgt Ion:152 Resp: 161965

Ion Ratio Lower Upper

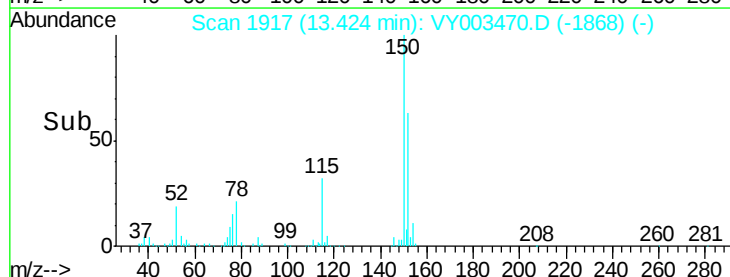
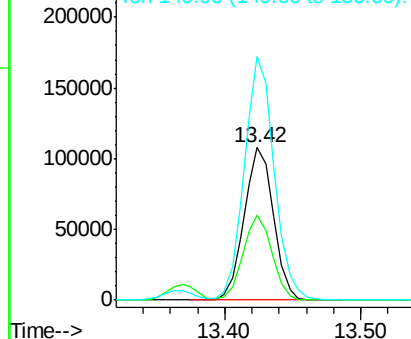
152 100

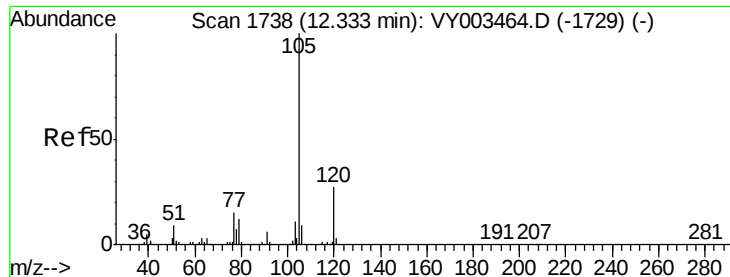
115 54.7 27.5 82.4

150 163.3 0.0 345.8



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





#73

Isopropylbenzene

Concen: 21.429 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

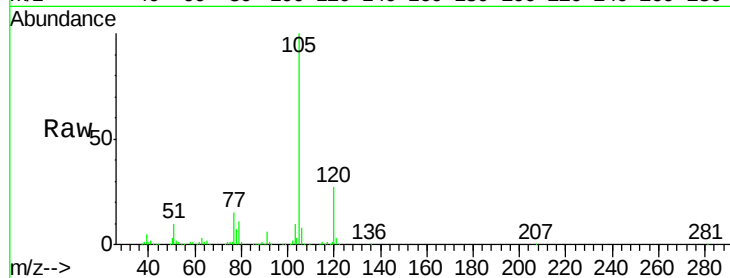
VY1102SBSD01

Tot Ion:105 Resp: 226720

Ion Ratio Lower Upper

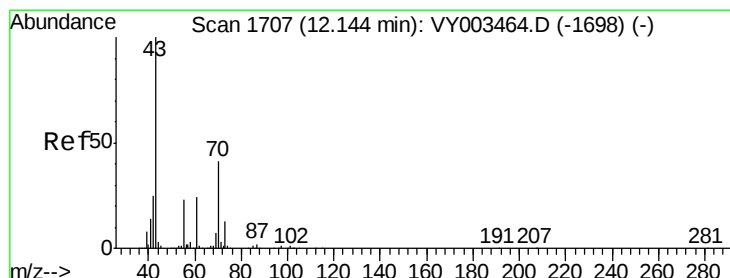
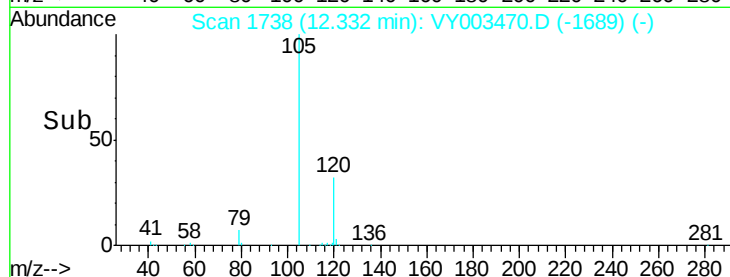
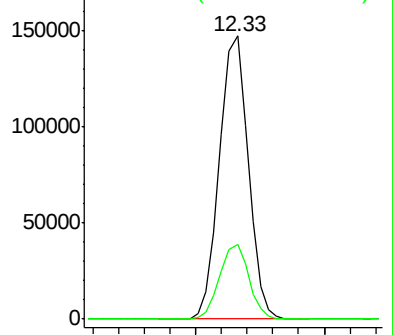
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.224 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Tgt Ion: 43 Resp: 63607

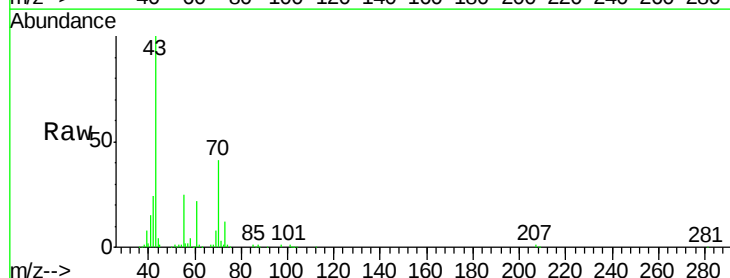
Ion Ratio Lower Upper

43 100

70 42.4 33.1 49.7

55 24.8 19.2 28.8

61 22.8 19.0 28.6

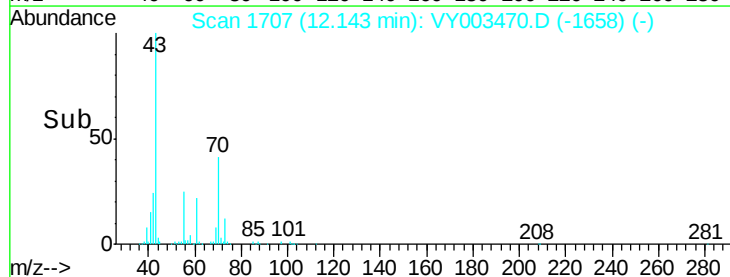
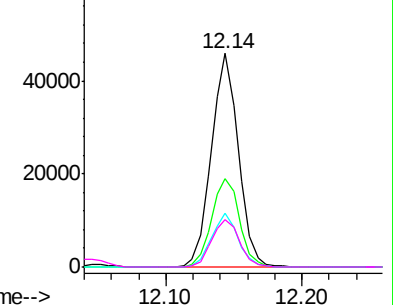


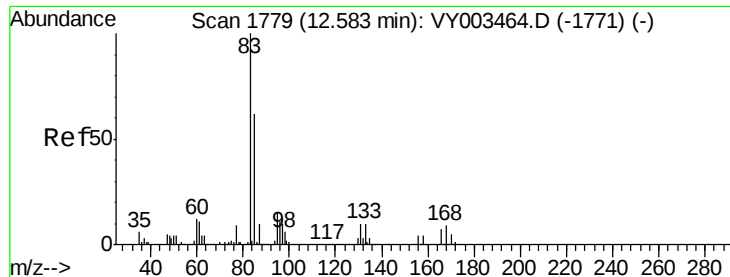
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.894 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

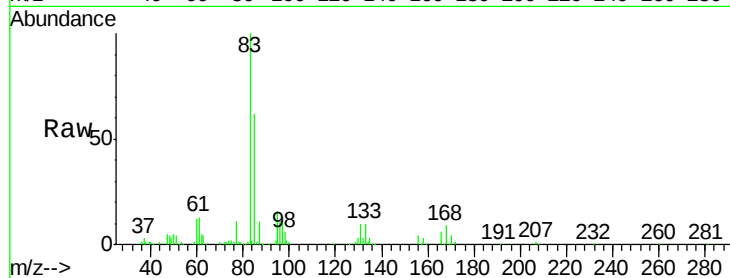
Tot Ion: 83 Resp: 47218

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 32.0 96.2

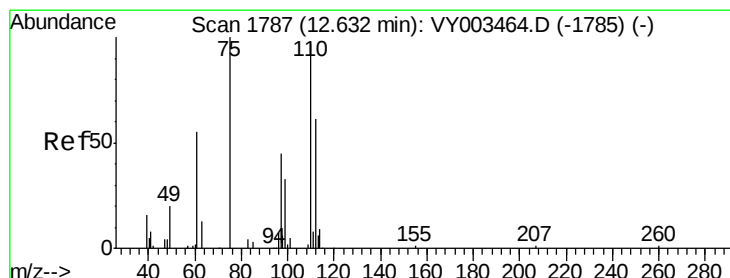
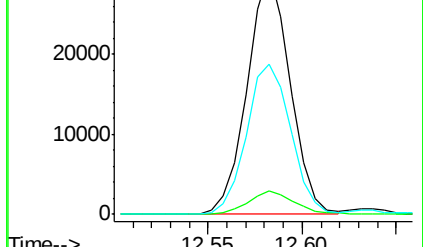
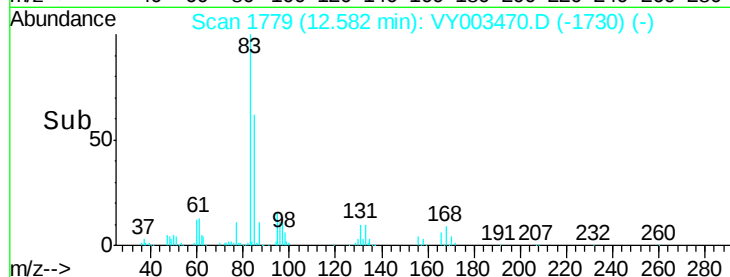


Abundance Ion 82.90 (82.60 to 83.60): VY003470.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003470.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003470.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.813 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003470.D

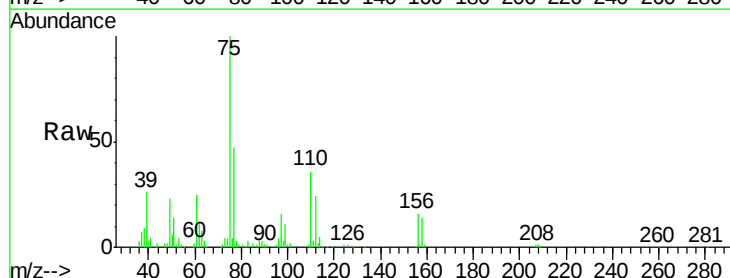
Acq: 02 Nov 2020 14:20

Tgt Ion: 75 Resp: 35667

Ion Ratio Lower Upper

75 100

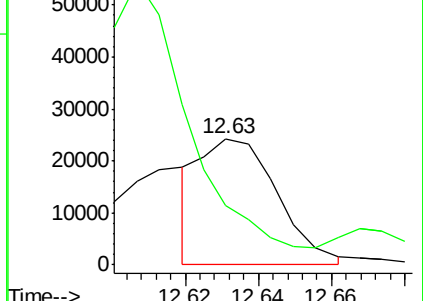
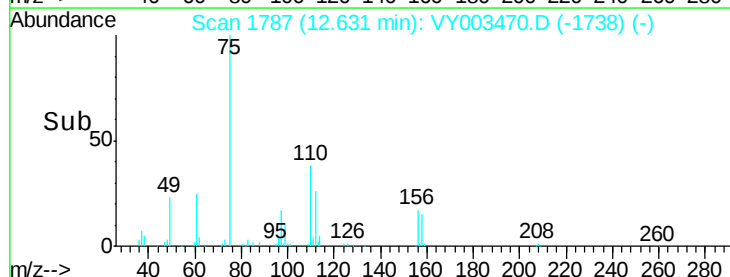
77 0.0 0.0 0.0

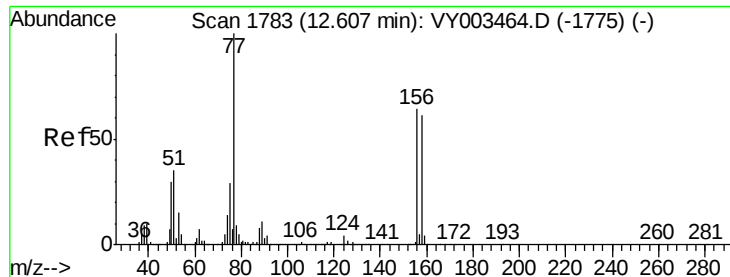


Abundance Ion 74.90 (74.60 to 75.60): VY003470.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003470.D (-1738) (-)

Time-->





#77

Bromobenzene

Concen: 20.534 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

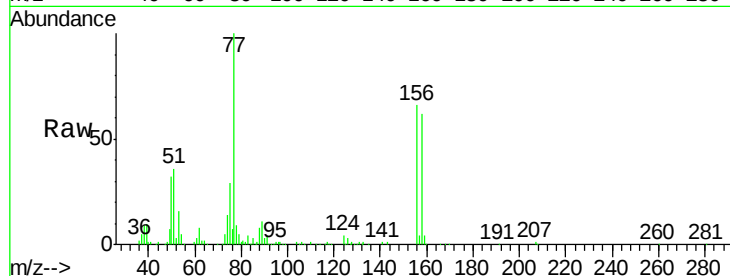
VY1102SBSD01

Tot Ion:156 Resp: 55197

Ion	Ratio	Lower	Upper
156	100		
77	180.4	87.0	260.9
158	97.2	48.7	146.1

77 180.4 87.0 260.9

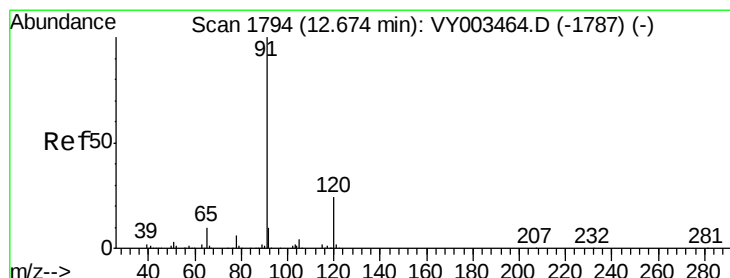
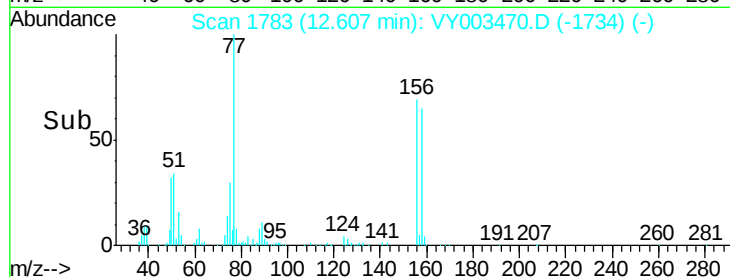
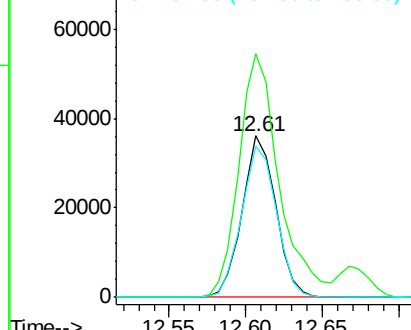
158 97.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.326 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003470.D

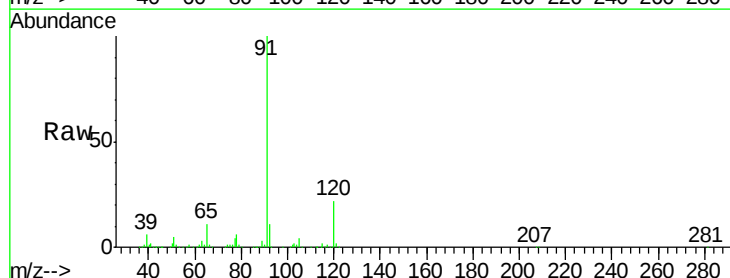
Acq: 02 Nov 2020 14:20

Tgt Ion: 91 Resp: 265763

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1

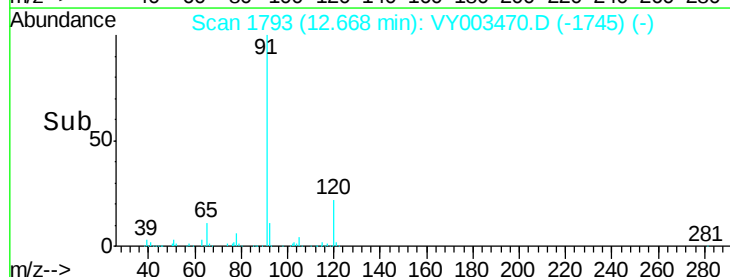
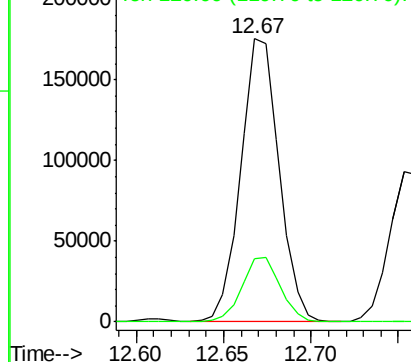
91 100

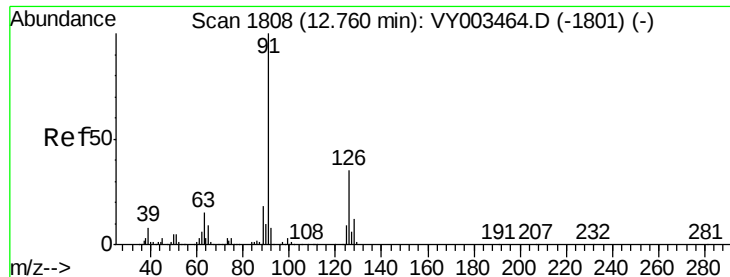
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.149 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

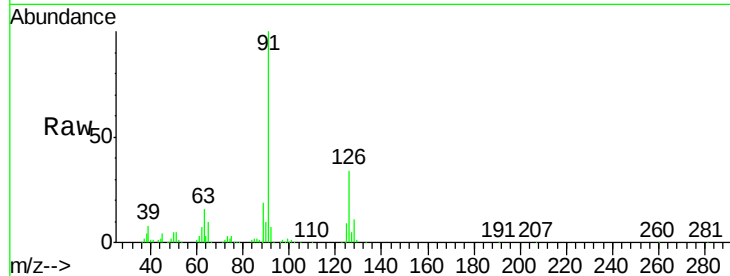
VY1102SBSD01

Tot Ion: 91 Resp: 147249

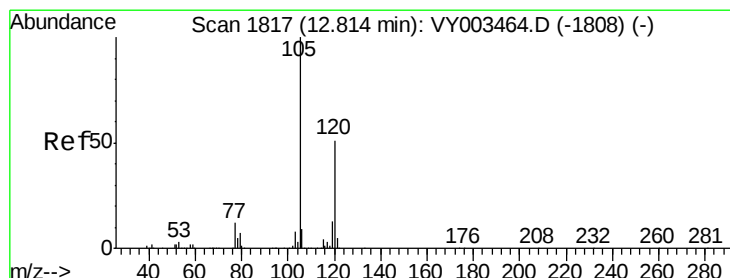
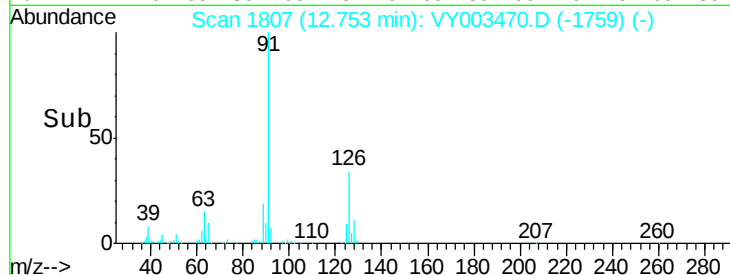
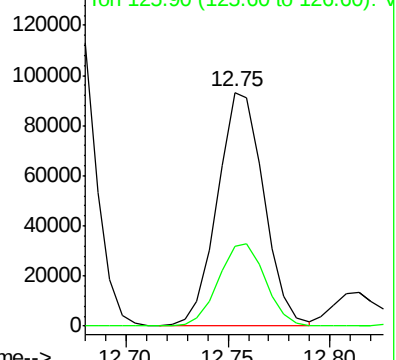
Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.416 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003470.D

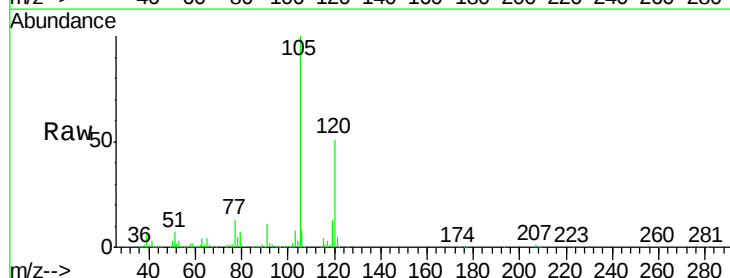
Acq: 02 Nov 2020 14:20

Tgt Ion: 105 Resp: 187732

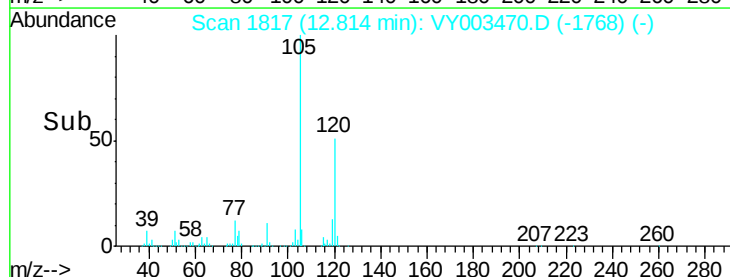
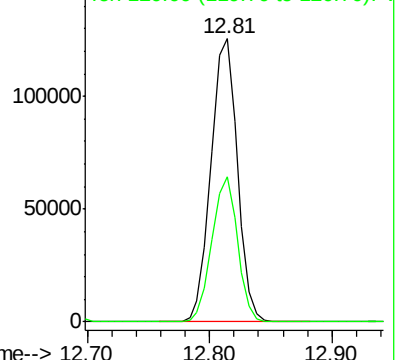
Ion Ratio Lower Upper

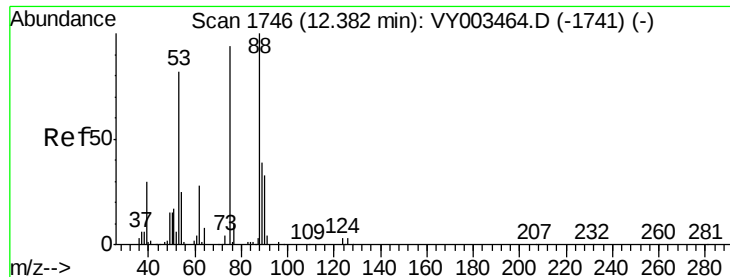
105 100

120 49.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.549 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

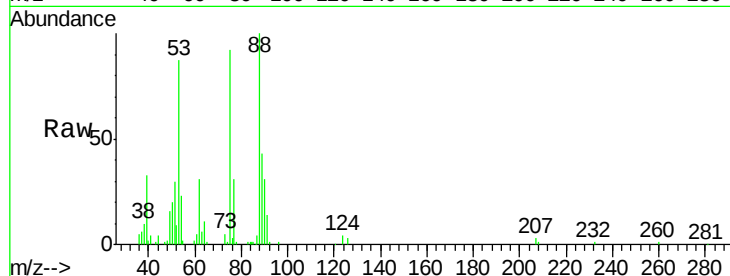
Tot Ion: 75 Resp: 16872

Ion Ratio Lower Upper

75 100

53 95.4 74.7 112.1

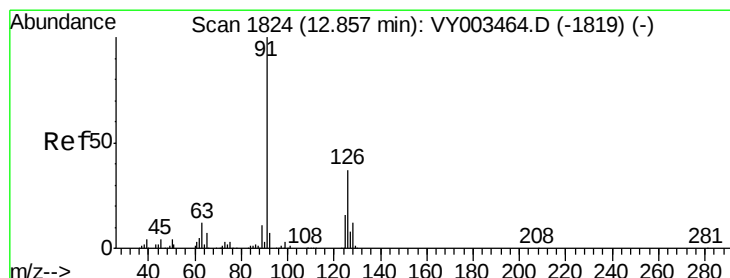
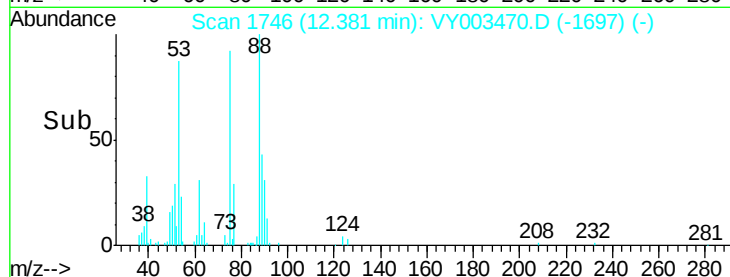
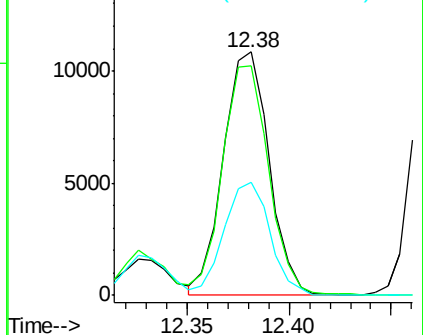
89 46.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.162 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003470.D

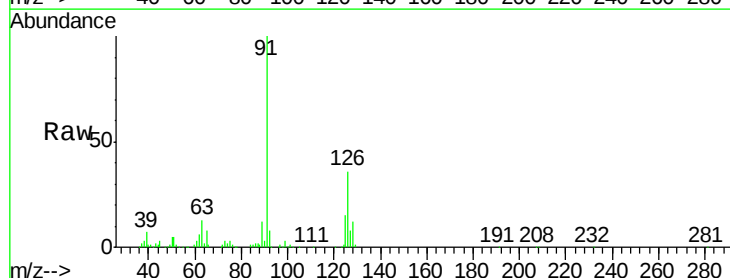
Acq: 02 Nov 2020 14:20

Tgt Ion: 91 Resp: 153974

Ion Ratio Lower Upper

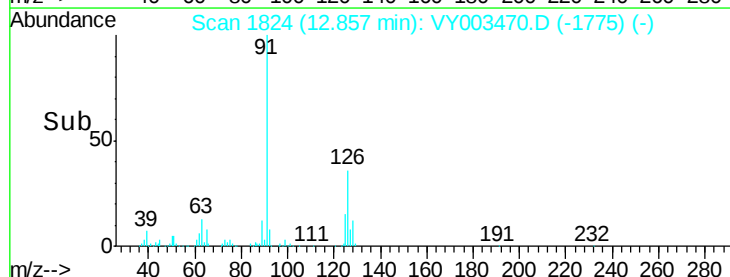
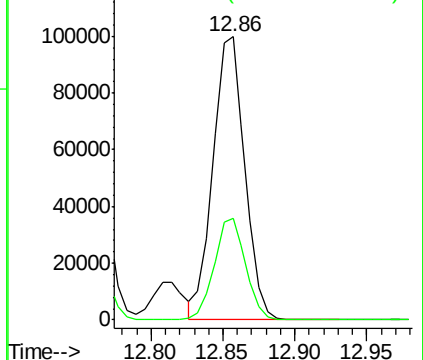
91 100

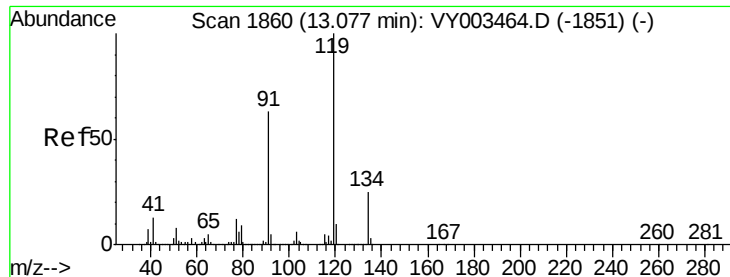
126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.973 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

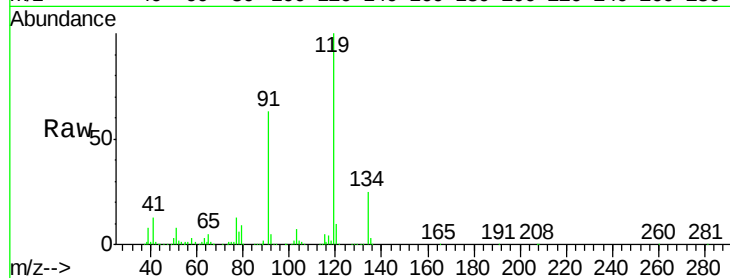
Tot Ion:119 Resp: 163059

Ion Ratio Lower Upper

119 100

91 63.2 31.1 93.2

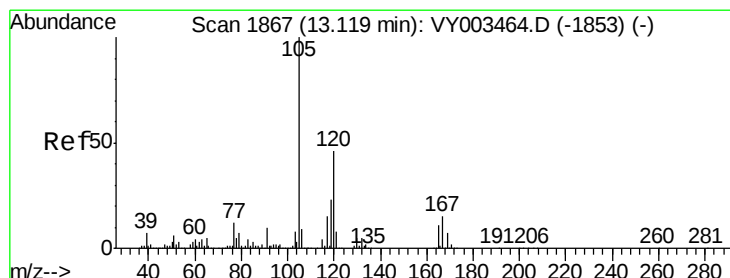
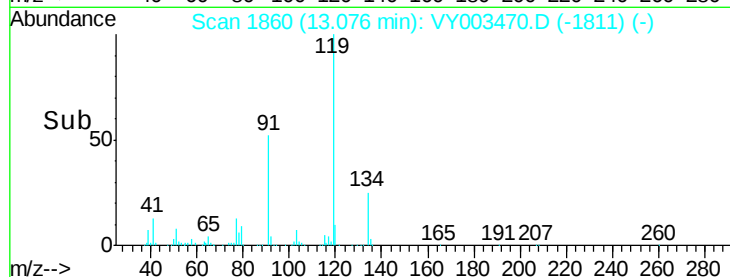
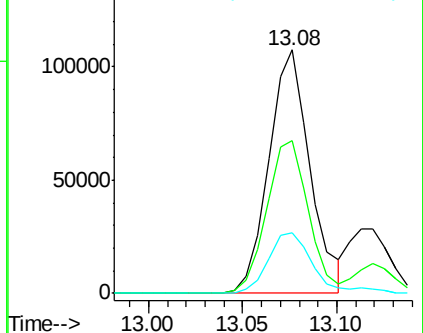
134 27.5 13.4 40.1



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: 21.045 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003470.D

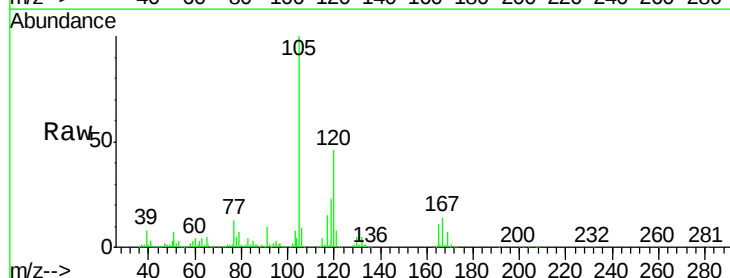
Acq: 02 Nov 2020 14:20

Tgt Ion:105 Resp: 184376

Ion Ratio Lower Upper

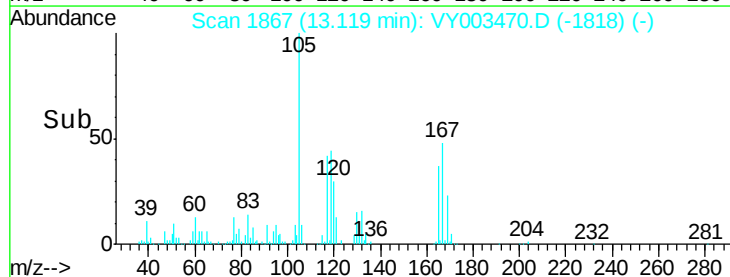
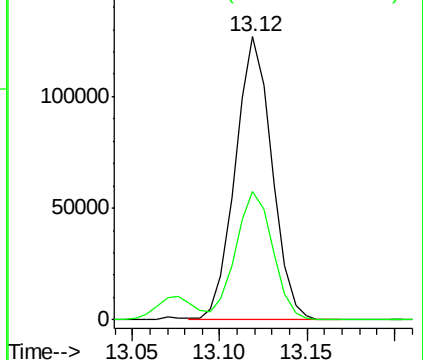
105 100

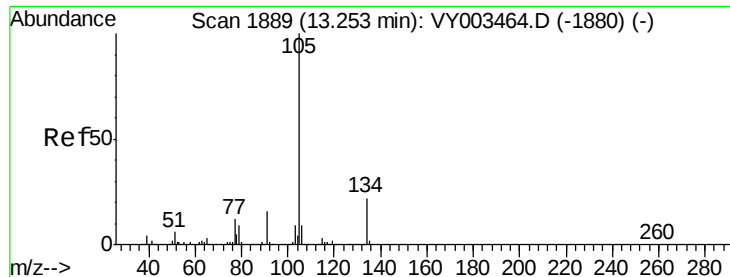
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.255 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

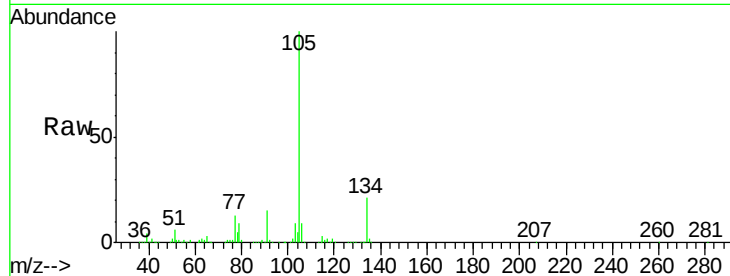
VY1102SBS01

Tot Ion:105 Resp: 223748

Ion Ratio Lower Upper

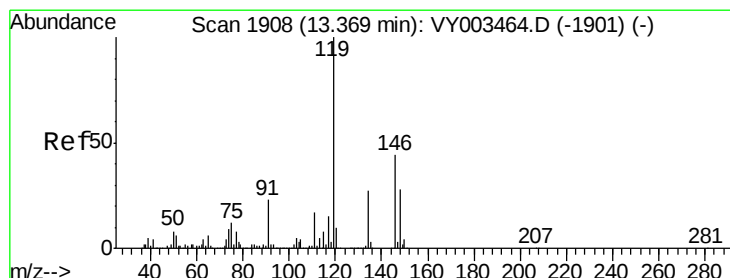
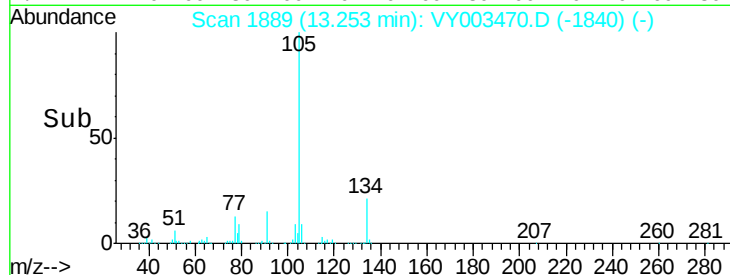
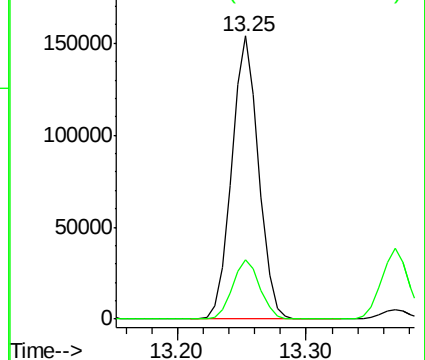
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.935 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

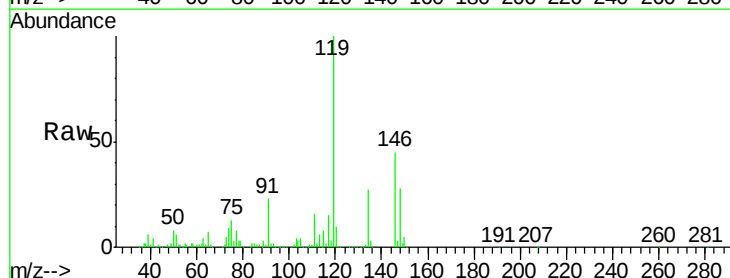
Tgt Ion:119 Resp: 204383

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

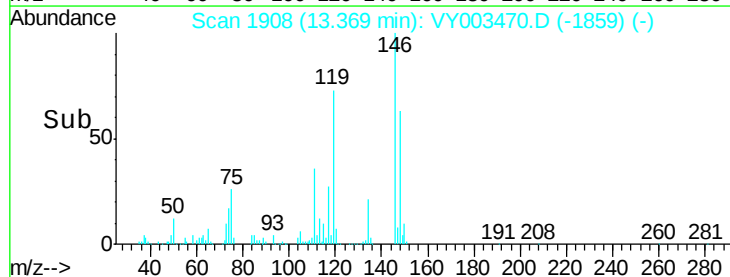
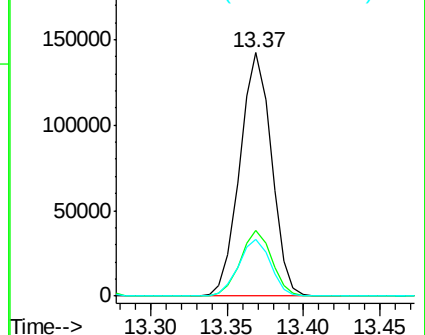
91 23.3 11.4 34.2

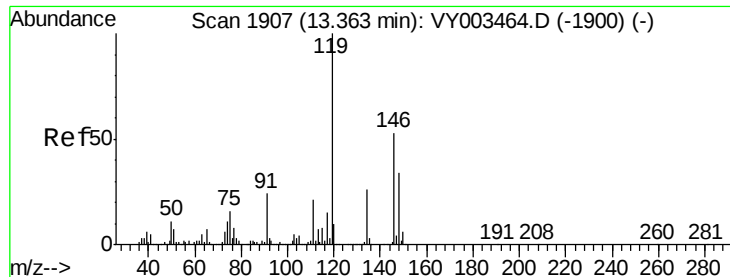


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

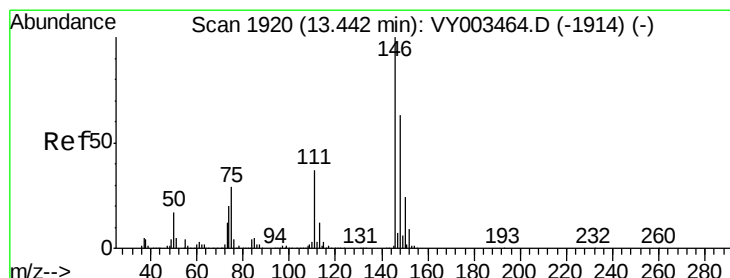
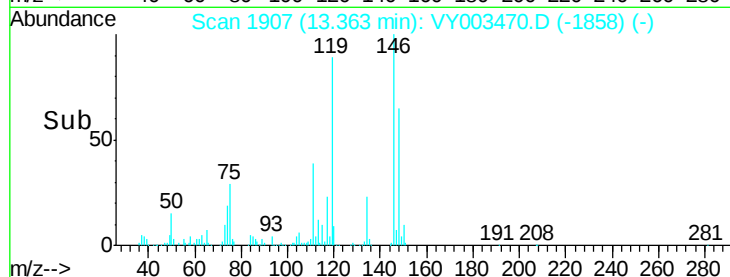
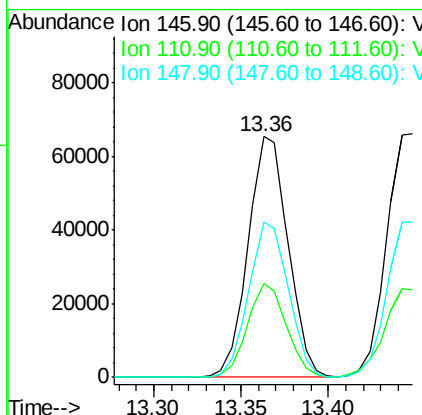
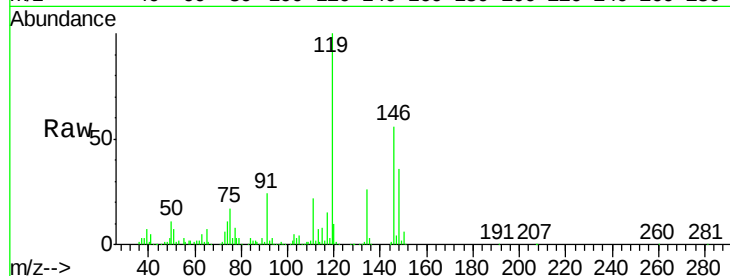




#87
 1,3-Dichlorobenzene
 Concen: 20.737 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

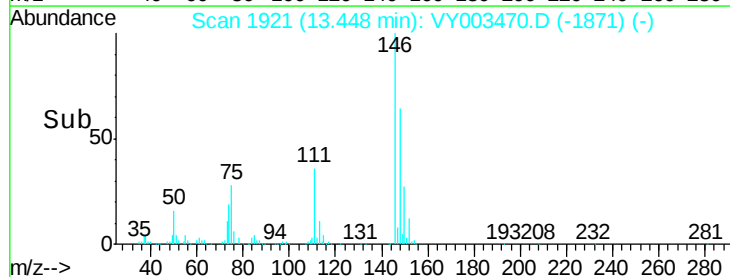
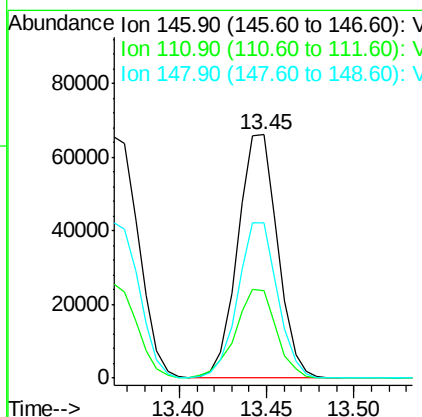
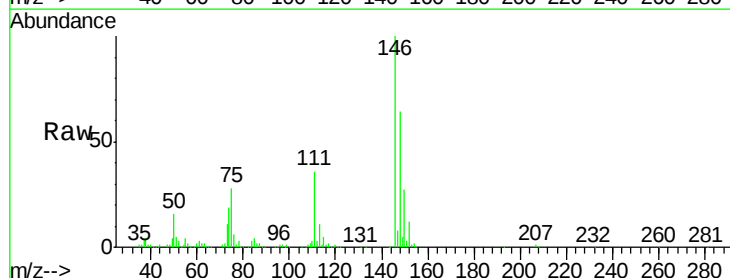
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

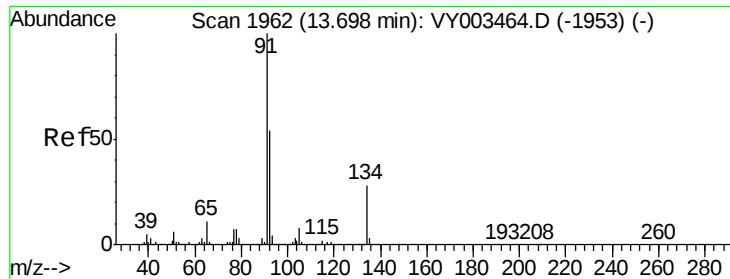
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.1	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.011 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	63.6	32.0	96.0





#89

n-Butylbenzene

Concen: 21.503 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003470.D

Acq: 02 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBSD01

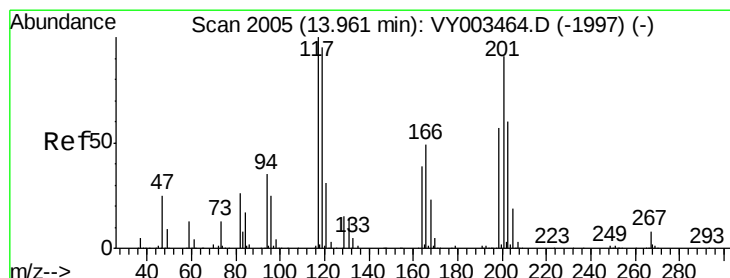
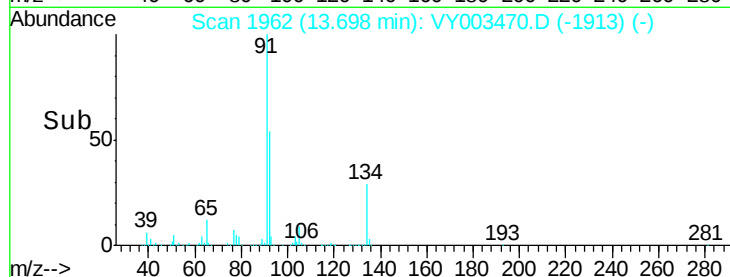
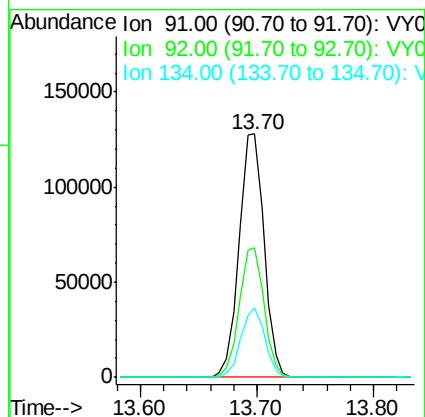
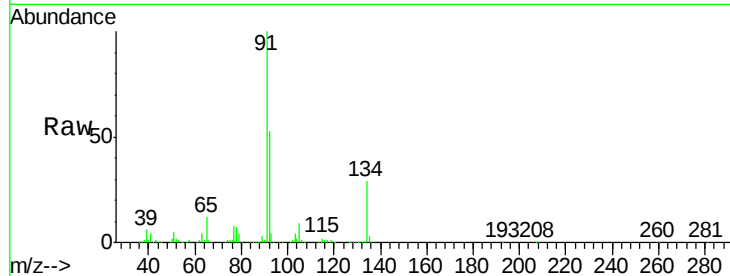
Tot Ion: 91 Resp: 191743

Ion Ratio Lower Upper

91 100

92 52.7 26.7 80.1

134 27.6 13.8 41.3



#90

Hexachloroethane

Concen: 21.157 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003470.D

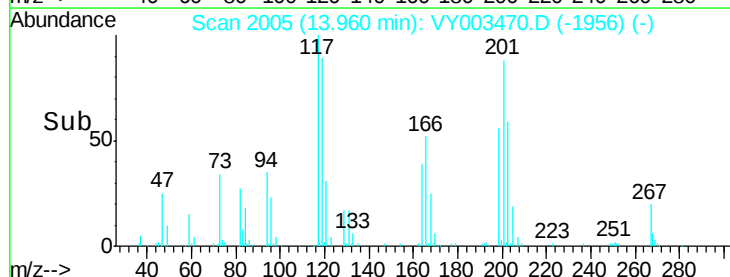
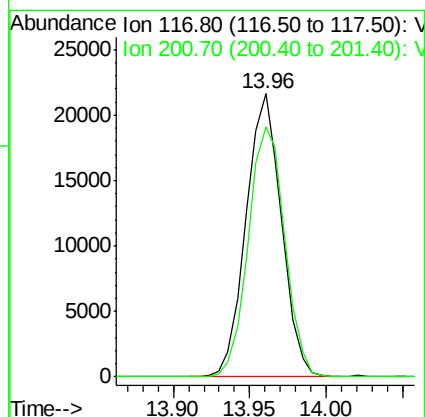
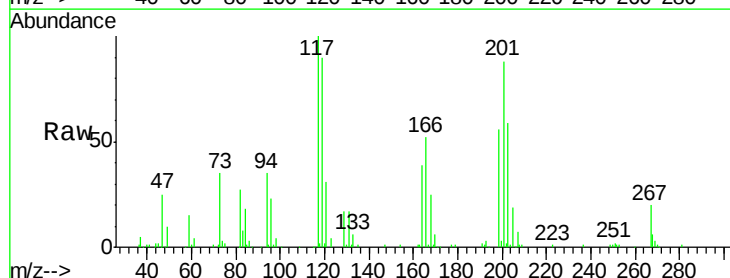
Acq: 02 Nov 2020 14:20

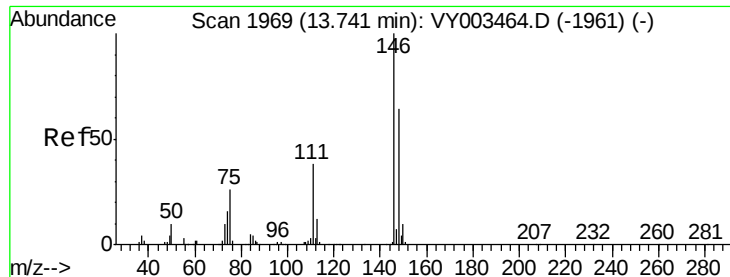
Tgt Ion: 117 Resp: 34763

Ion Ratio Lower Upper

117 100

201 90.8 46.6 139.8

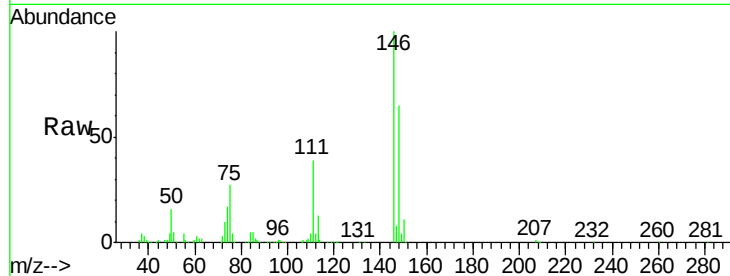




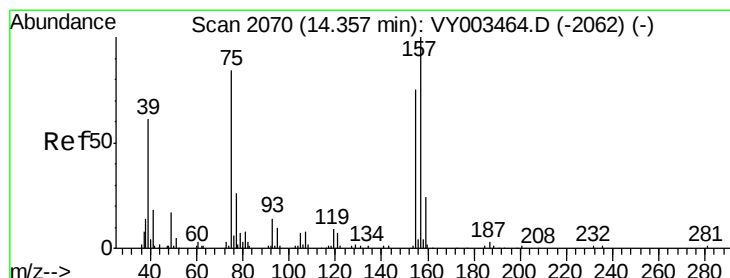
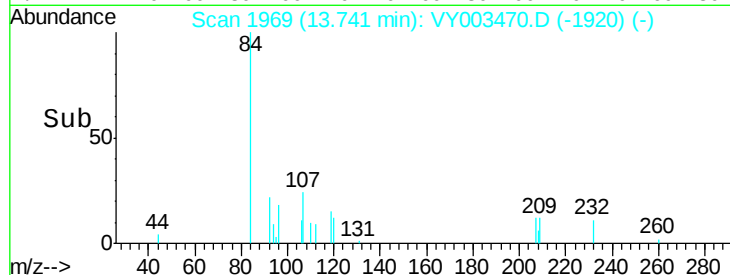
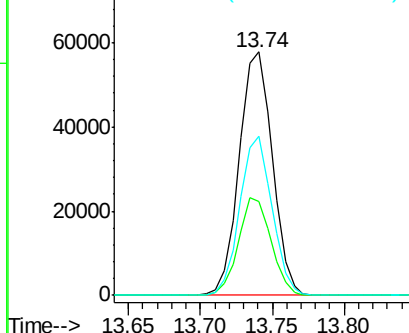
#91
 1,2-Dichlorobenzene
 Concen: 20.786 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.8
148	63.6	32.3	96.8

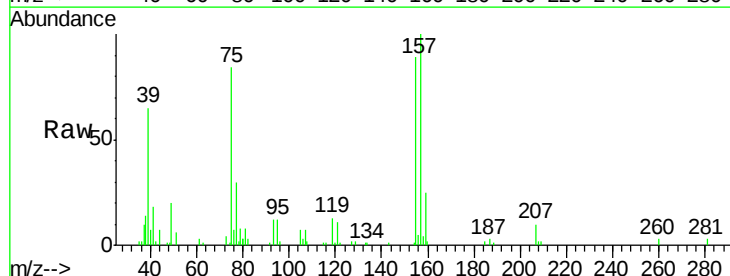


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

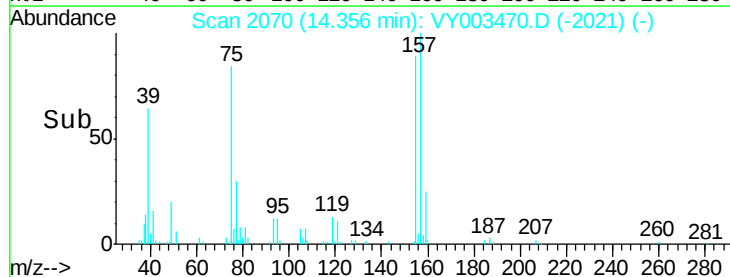
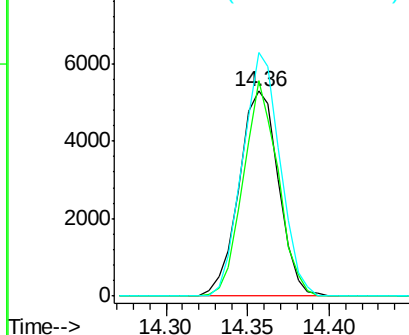


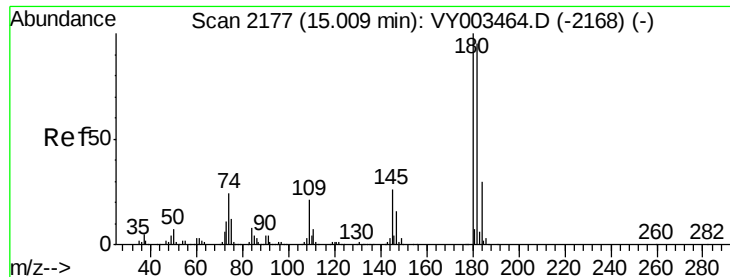
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.861 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	45.6	136.7
157	112.9	60.3	180.8



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

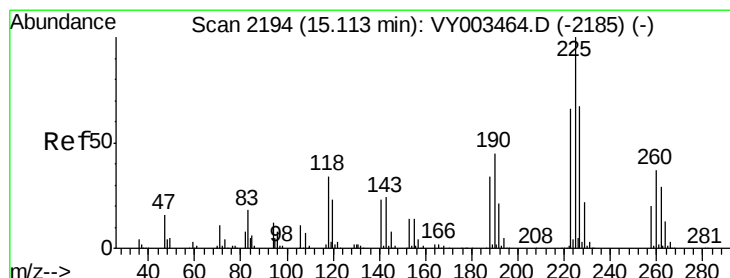
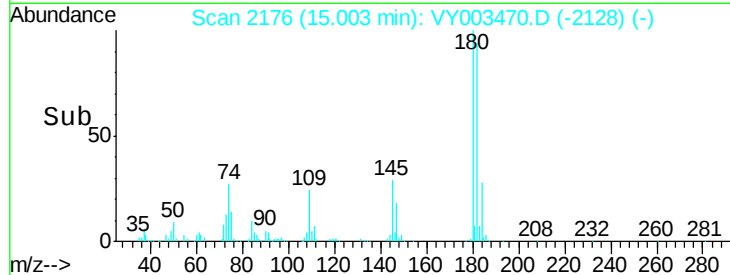
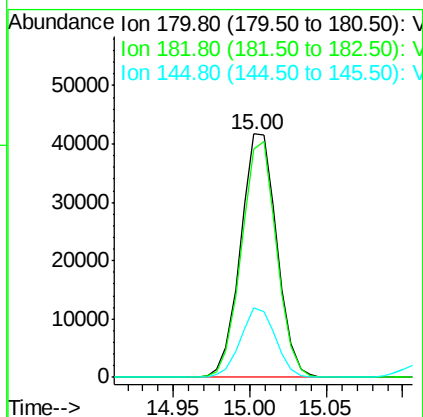
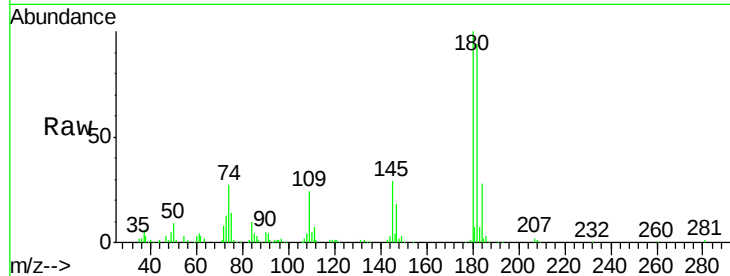




#93
 1,2,4-Trichlorobenzene
 Concen: 21.776 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

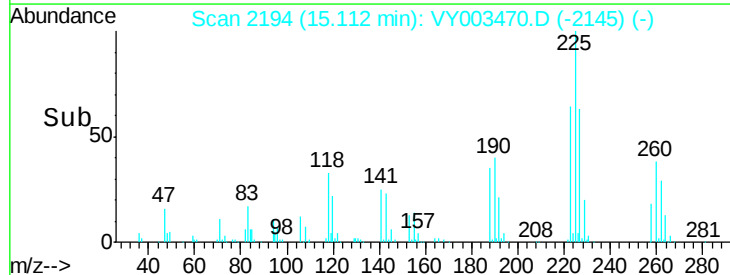
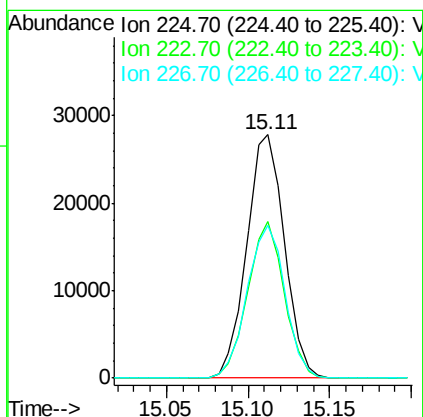
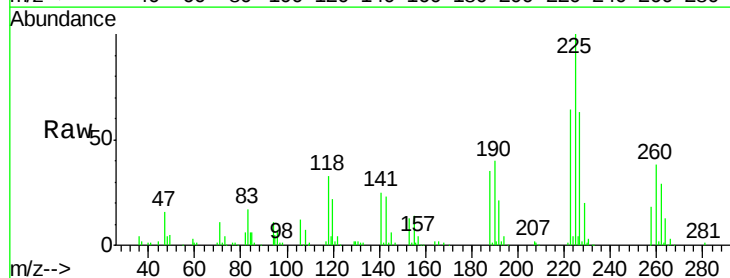
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBSD01

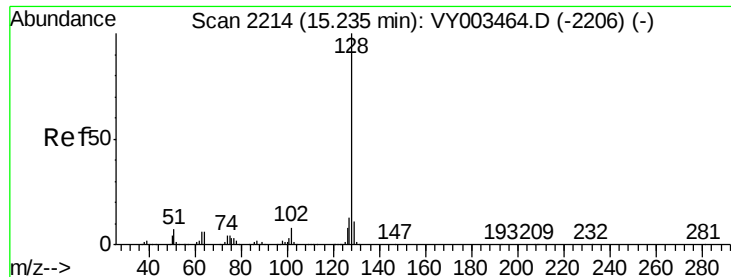
Tot Ion:180 Resp: 68520
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.1 144.3
 145 27.7 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 22.102 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003470.D
 Acq: 02 Nov 2020 14:20

Tgt Ion:225 Resp: 44738
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.1 96.3
 227 62.8 32.4 97.2

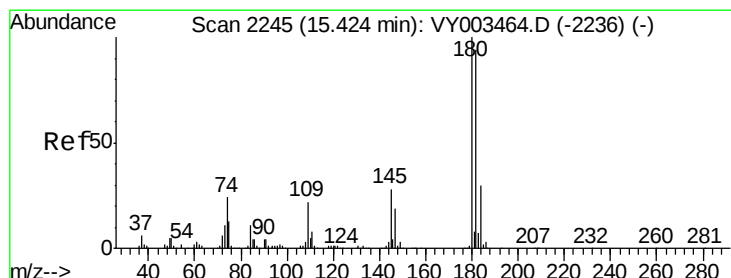
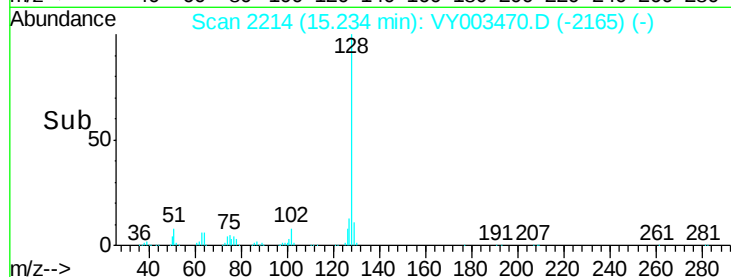
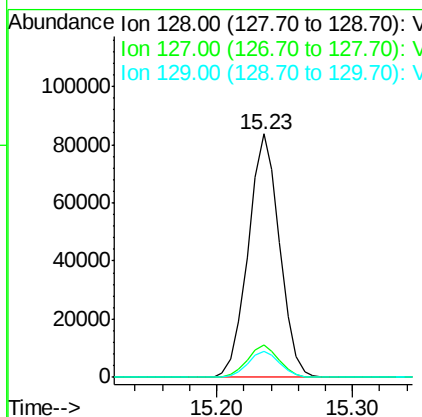
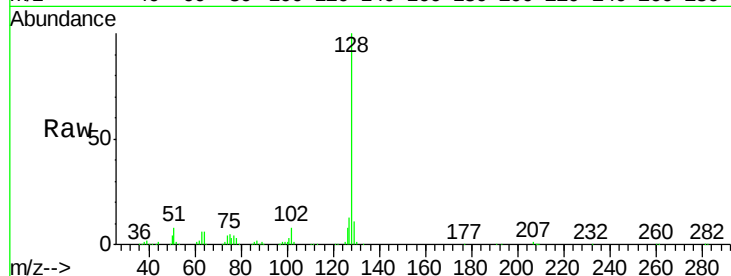




#95
Naphthalene
Concen: 21.452 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBSD01

Tot Ion:128 Resp: 135168
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.015 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003470.D
Acq: 02 Nov 2020 14:20

Tgt Ion:180 Resp: 59482
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.7
145 29.0 14.4 43.2

