

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002814.D
 Acq On : 02 Jun 2020 12:00
 Operator : SY/MD
 Sample : VY0602SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Quant Time: Jun 03 05:10:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	326615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	474777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	139921	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	7.72	113	146950	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
50) Toluene-d8	10.18	98	576528	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.48	95	201676	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	45190	20.108	ug/l	94
3) Chloromethane	2.12	50	51701	20.798	ug/l	100
4) Vinyl Chloride	2.26	62	56372	21.455	ug/l	96
5) Bromomethane	2.65	94	41685	21.171	ug/l	92
6) Chloroethane	2.80	64	37017	21.733	ug/l	95
7) Trichlorofluoromethane	3.13	101	99021	21.279	ug/l	97
8) Diethyl Ether	3.54	74	35959	19.790	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60583	21.927	ug/l	98
10) Methyl Iodide	4.10	142	80638	20.858	ug/l	100
11) Tert butyl alcohol	4.97	59	29475	88.449	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	59797	21.521	ug/l	96
13) Acrolein	3.74	56	31649	95.231	ug/l	100
14) Allyl chloride	4.49	41	87745	22.018	ug/l	98
15) Acrylonitrile	5.18	53	84935	103.614	ug/l	100
16) Acetone	3.96	43	64130	96.438	ug/l	98
17) Carbon Disulfide	4.20	76	177989	21.198	ug/l	99
18) Methyl Acetate	4.49	43	38693	22.660	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	160357	20.905	ug/l	98
20) Methylene Chloride	4.72	84	67208	20.681	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	67091	21.471	ug/l	99
22) Diisopropyl ether	6.13	45	181405	21.906	ug/l	95
23) Vinyl Acetate	6.07	43	583470	106.716	ug/l	99
24) 1,1-Dichloroethane	6.03	63	104093	21.488	ug/l	98
25) 2-Butanone	7.00	43	103185	99.594	ug/l	97
26) 2,2-Dichloropropane	6.99	77	94955	20.438	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	74446	21.282	ug/l	99
28) Bromochloromethane	7.34	49	44905	22.580	ug/l	100
29) Tetrahydrofuran	7.36	42	68882	102.212	ug/l	100
30) Chloroform	7.52	83	109964	21.392	ug/l	98
31) Cyclohexane	7.79	56	101781	21.161	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	100245	20.927	ug/l	100
36) 1,1-Dichloropropene	7.93	75	85645	21.415	ug/l	99
37) Ethyl Acetate	7.08	43	45287	20.812	ug/l	98
38) Carbon Tetrachloride	7.91	117	93728	21.096	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	113358	21.504	ug/l	98
40) Benzene	8.17	78	254037	21.497	ug/l	99
41) Methacrylonitrile	7.35	41	62659	53.601	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	70329	21.235	ug/l	99
43) Isopropyl Acetate	8.28	43	85960	20.846	ug/l	100
44) Trichloroethene	8.94	130	78537	21.040	ug/l	96
45) 1,2-Dichloropropane	9.22	63	61960	21.864	ug/l	98
46) Dibromomethane	9.31	93	36854	21.897	ug/l	96
47) Bromodichloromethane	9.50	83	86160	21.715	ug/l	99
48) Methyl methacrylate	9.30	41	39120	21.016	ug/l	97
49) 1,4-Dioxane	9.30	88	9906	383.321	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	225927	103.470	ug/l	99
52) Toluene	10.24	92	166069	21.482	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	92879	21.432	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	106002	21.586	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	53512	20.768	ug/l	94
56) Ethyl methacrylate	10.51	69	71729	20.784	ug/l	100
57) 1,3-Dichloropropane	10.79	76	90759	21.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	174935	103.735	ug/l	98
59) 2-Hexanone	10.83	43	159120	102.708	ug/l	100
60) Dibromochloromethane	10.99	129	67724	20.731	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53777	21.157	ug/l	100
64) Tetrachloroethene	10.72	164	83452	20.853	ug/l	99
65) Chlorobenzene	11.52	112	184965	21.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	69595	21.232	ug/l	98
67) Ethyl Benzene	11.59	91	319389	21.168	ug/l	100
68) m/p-Xylenes	11.70	106	250800	42.873	ug/l	99
69) o-Xylene	12.03	106	119251	21.594	ug/l	99
70) Styrene	12.04	104	204704	21.383	ug/l	100
71) Bromoform	12.20	173	45734	20.852	ug/l #	99
73) Isopropylbenzene	12.33	105	321975	21.085	ug/l	99
74) N-amyl acetate	12.14	43	80019	20.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	56999	21.274	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	83615	38.943	ug/l #	100
77) Bromobenzene	12.61	156	82344	20.709	ug/l	99
78) n-propylbenzene	12.67	91	376451	21.342	ug/l	100
79) 2-Chlorotoluene	12.75	91	212204	21.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	271535	21.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23976	21.038	ug/l	97
82) 4-Chlorotoluene	12.85	91	219034	21.128	ug/l	100
83) tert-Butylbenzene	13.07	119	241562	21.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	273159	21.307	ug/l	100
85) sec-Butylbenzene	13.25	105	330022	21.222	ug/l	100
86) p-Isopropyltoluene	13.37	119	312233	21.578	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	159630	21.194	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	159356	21.151	ug/l	99
89) n-Butylbenzene	13.69	91	283718	21.596	ug/l	100
90) Hexachloroethane	13.96	117	58221	21.492	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	144082	21.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10136	19.663	ug/l	98

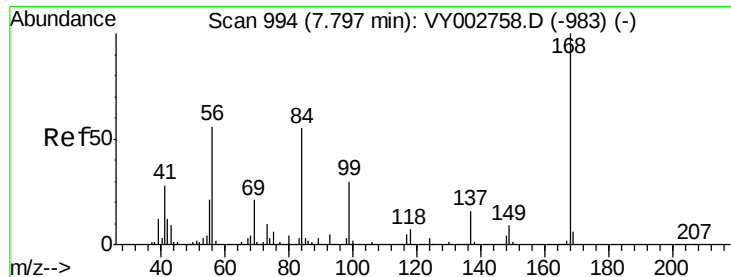
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MSVOA_Y
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	108790	21.130	ug/l	98
94) Hexachlorobutadiene	15.11	225	63132	21.620	ug/l	99
95) Naphthalene	15.23	128	209253	20.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	95608	20.795	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. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

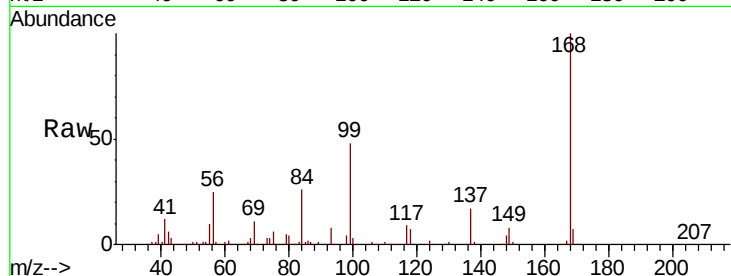
VY0602SBSD01

Tot Ion:168 Resp: 326615

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

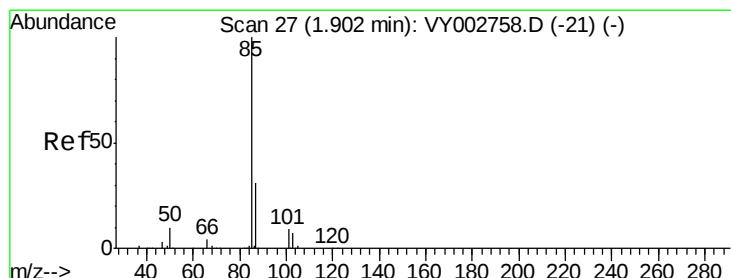
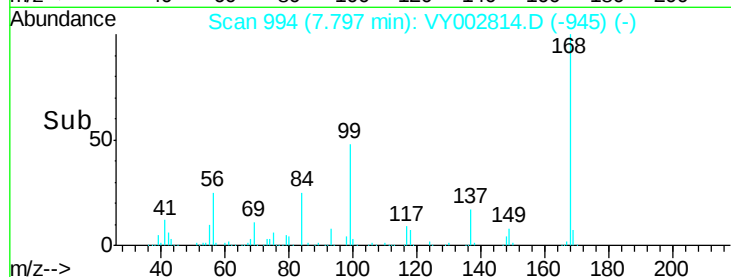
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.108 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002814.D

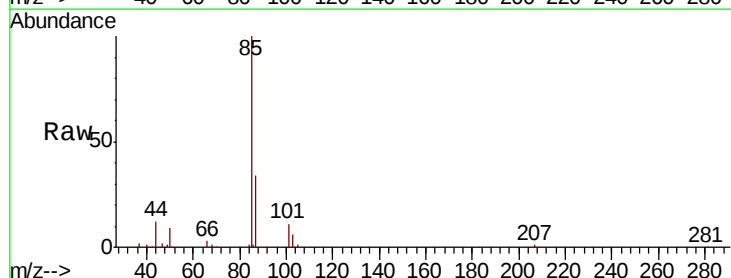
Acq: 02 Jun 2020 12:00

Tgt Ion: 85 Resp: 45190

Ion Ratio Lower Upper

85 100

87 34.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

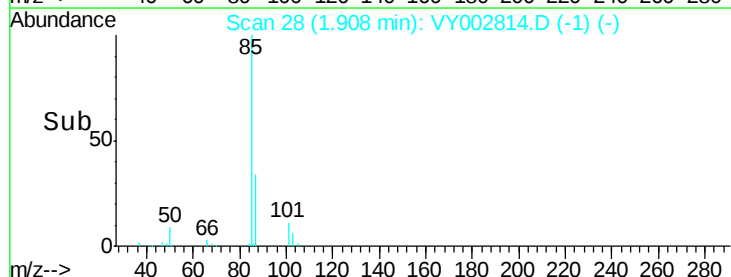
20000

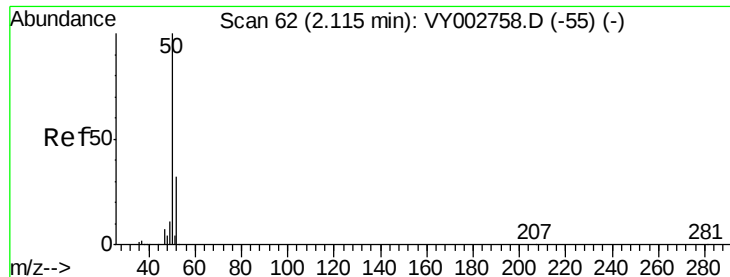
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.798 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

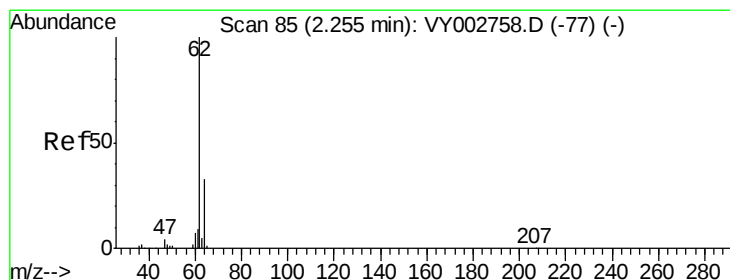
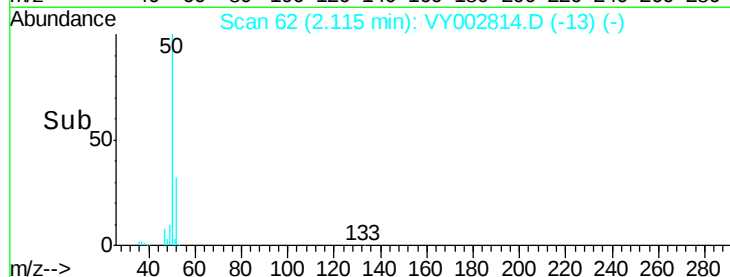
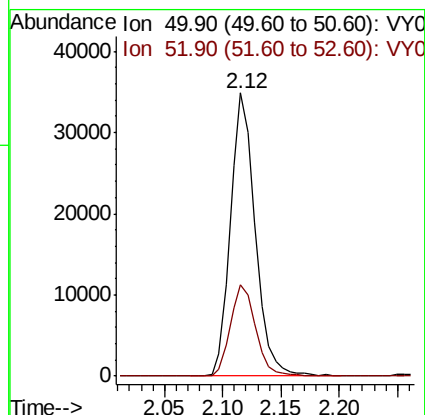
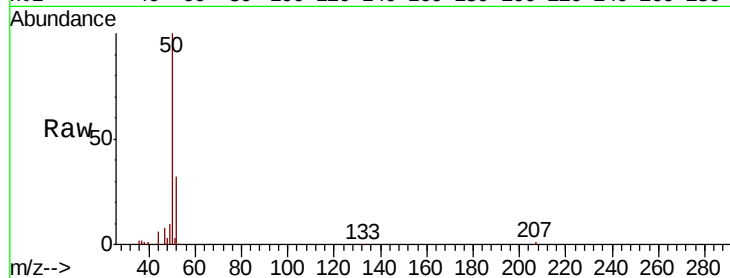
VY0602SBSD01

Tot Ion: 50 Resp: 51701

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 21.455 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002814.D

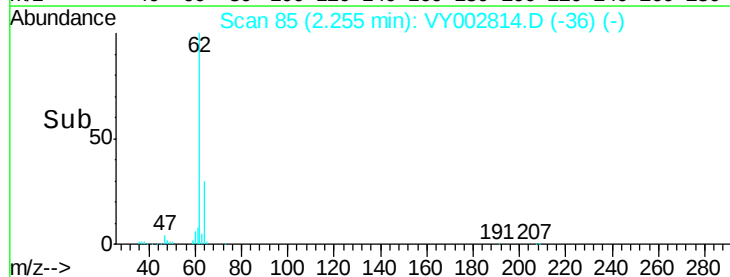
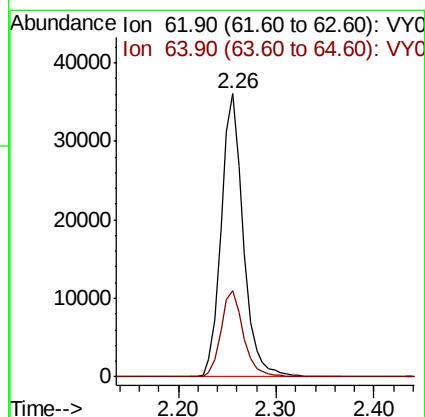
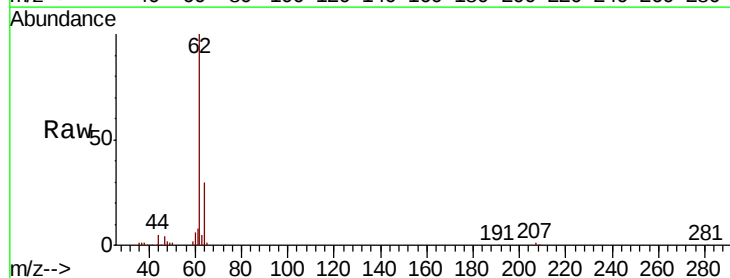
Acq: 02 Jun 2020 12:00

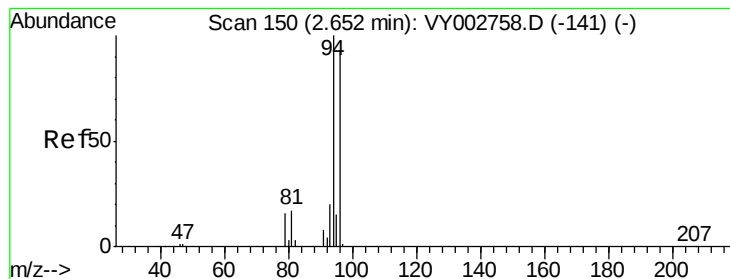
Tgt Ion: 62 Resp: 56372

Ion Ratio Lower Upper

62 100

64 30.5 26.1 39.1





#5

Bromomethane

Concen: 21.171 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

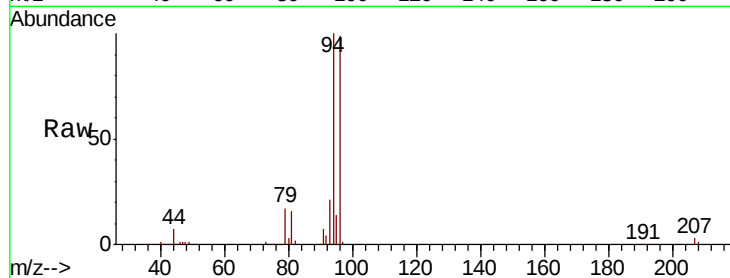
VY0602SBSD01

Tot Ion: 94 Resp: 41685

Ion Ratio Lower Upper

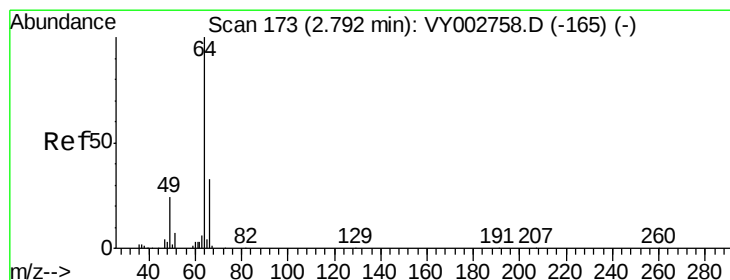
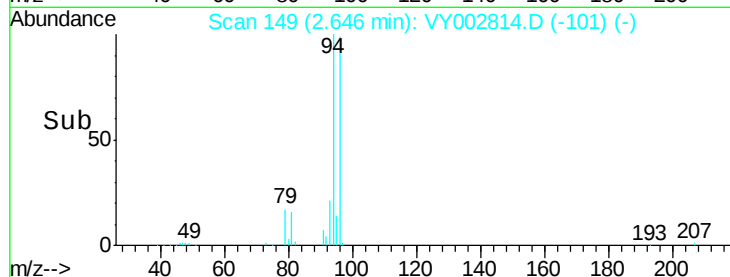
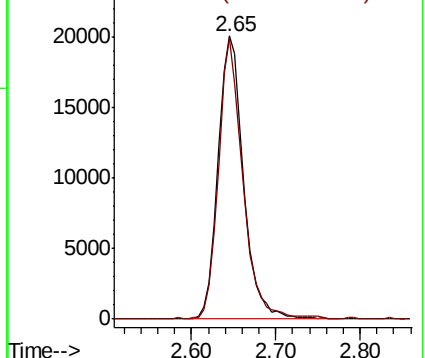
94 100

96 99.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.733 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002814.D

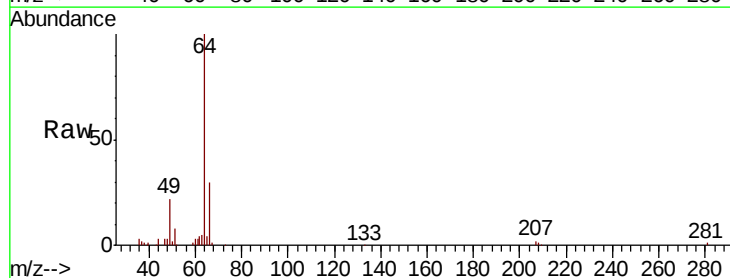
Acq: 02 Jun 2020 12:00

Tgt Ion: 64 Resp: 37017

Ion Ratio Lower Upper

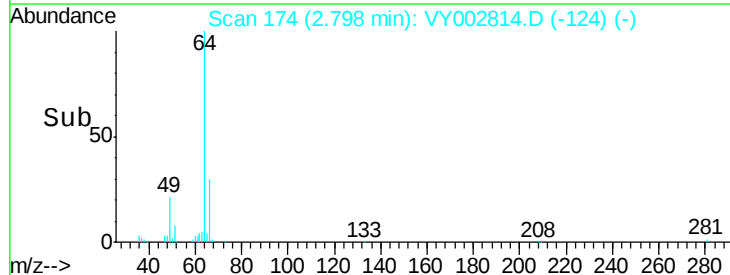
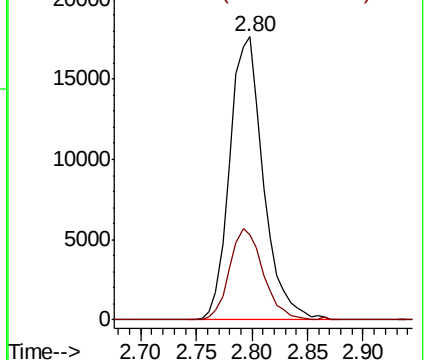
64 100

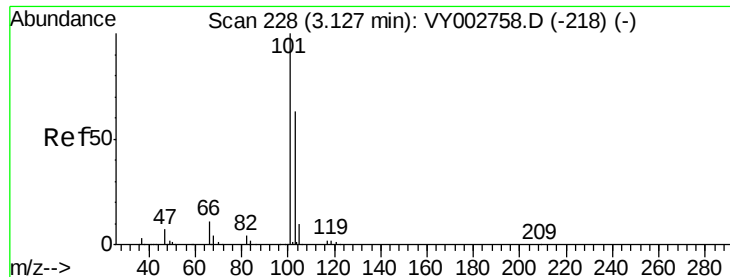
66 30.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 21.279 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

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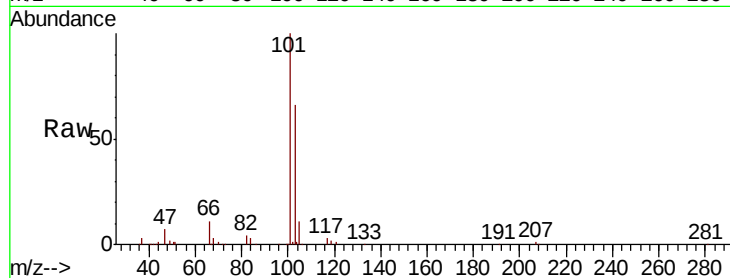
VY0602SBSD01

Tot Ion:101 Resp: 99021

Ion Ratio Lower Upper

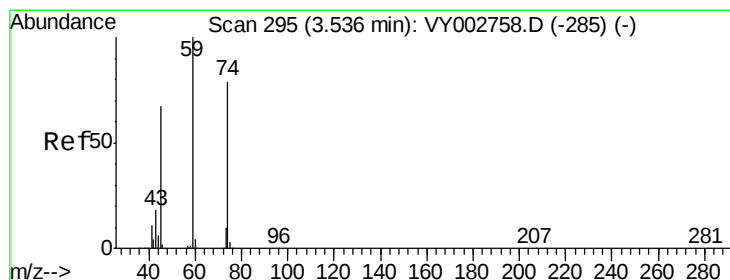
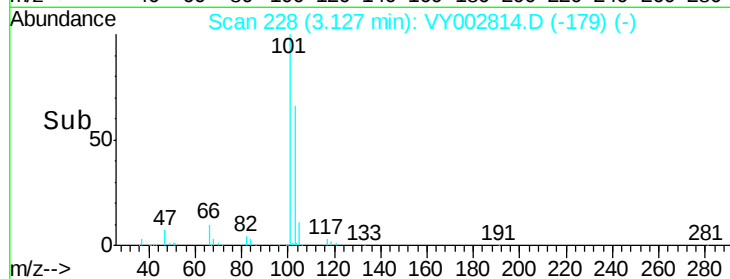
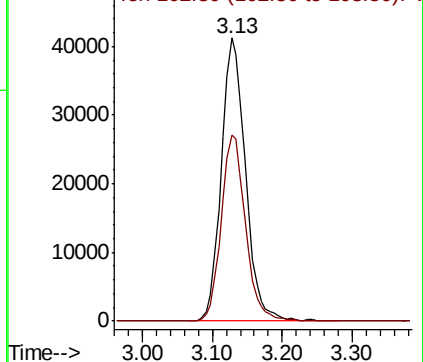
101 100

103 65.7 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.790 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY002814.D

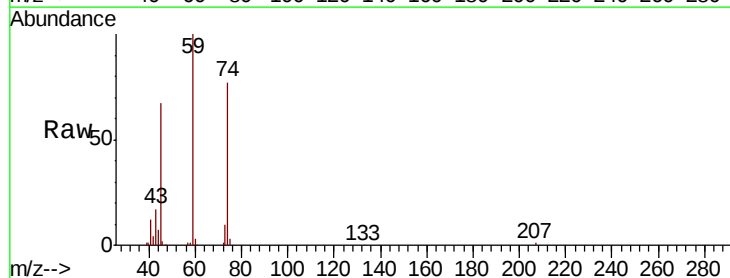
Acq: 02 Jun 2020 12:00

Tgt Ion: 74 Resp: 35959

Ion Ratio Lower Upper

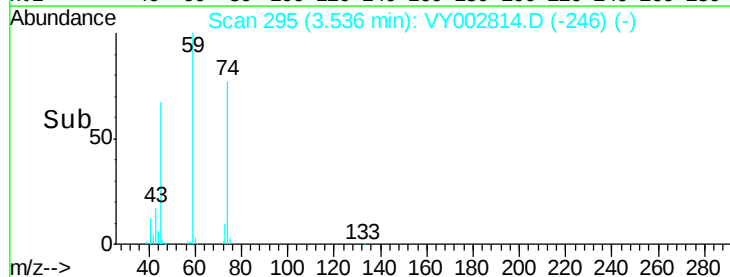
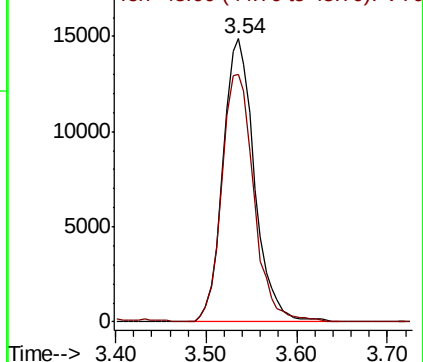
74 100

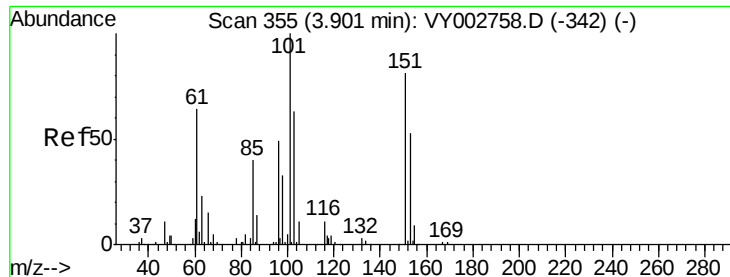
45 89.4 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.927 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

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VY0602SBSD01

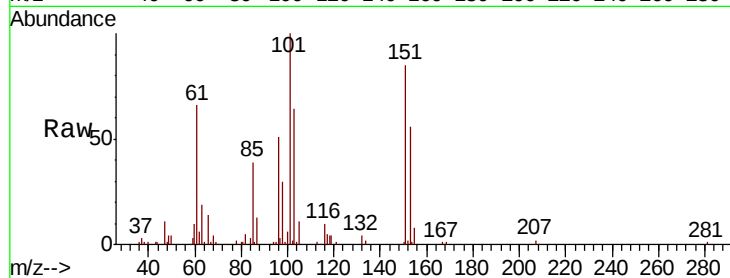
Tot Ion:101 Resp: 60583

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

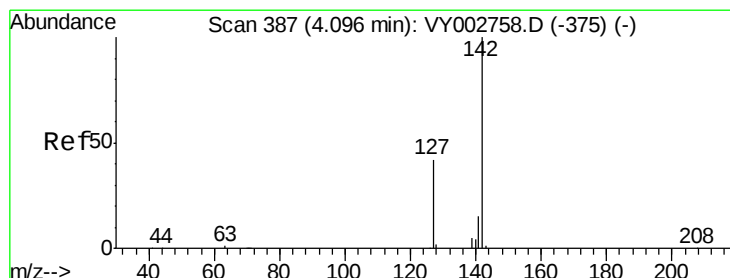
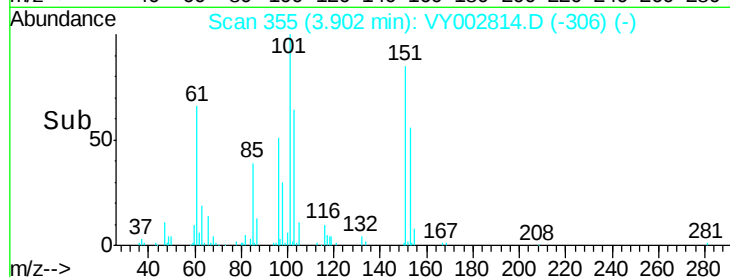
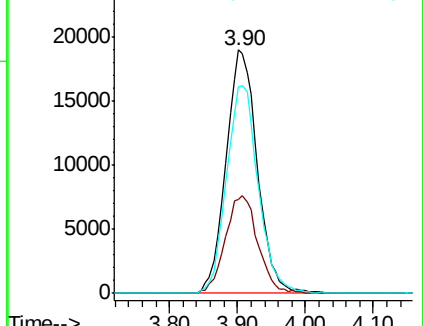
151 86.9 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.858 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

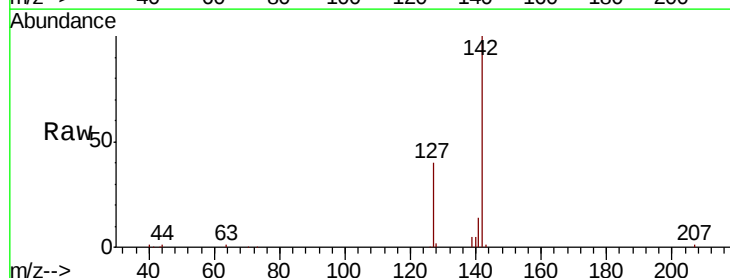
Tgt Ion:142 Resp: 80638

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

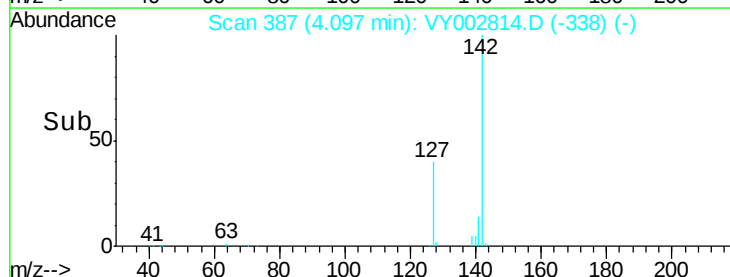
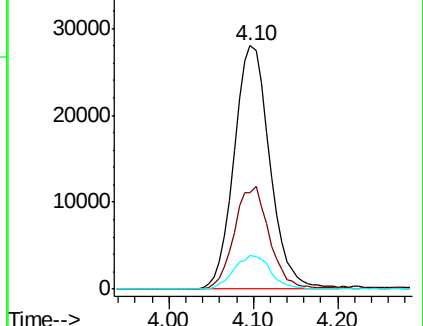
141 14.2 11.5 17.3

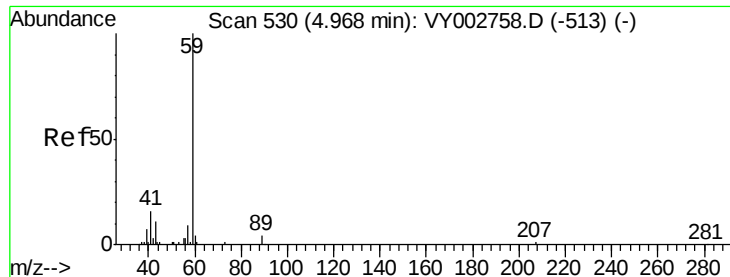


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

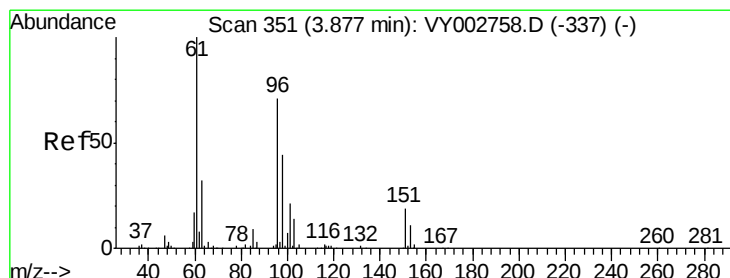
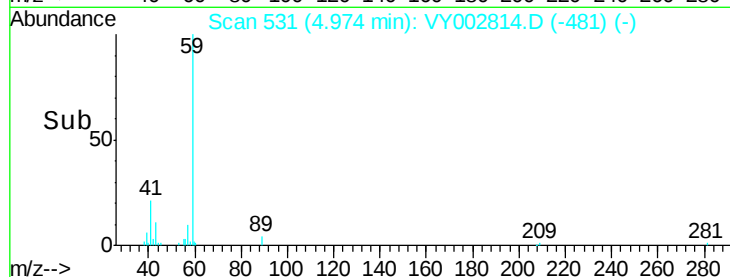
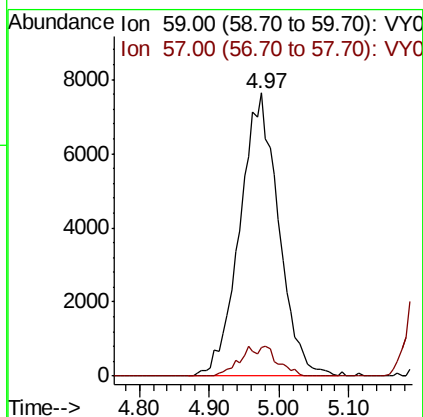
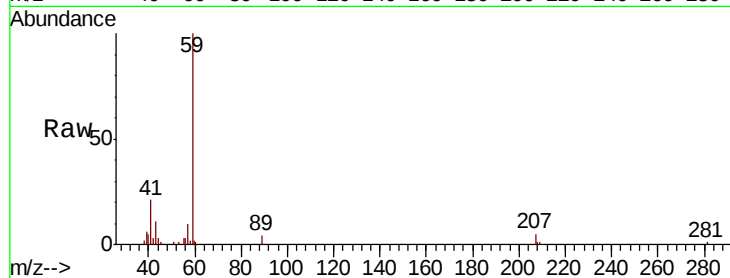




#11
Tert butyl alcohol
Concen: 88.449 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

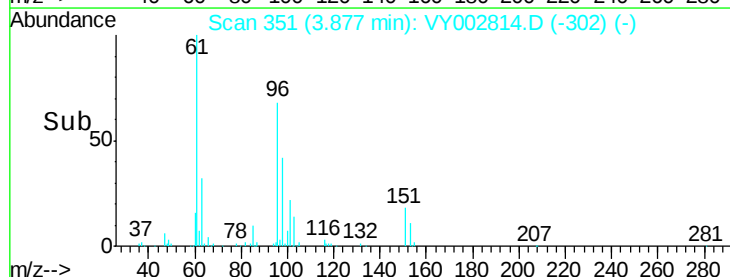
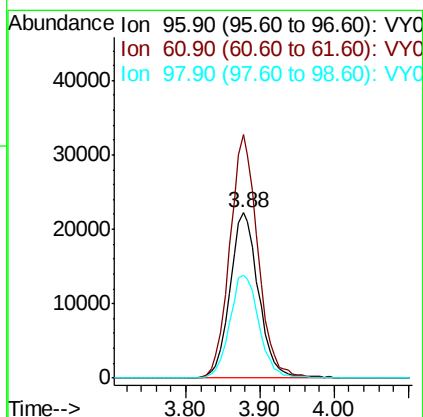
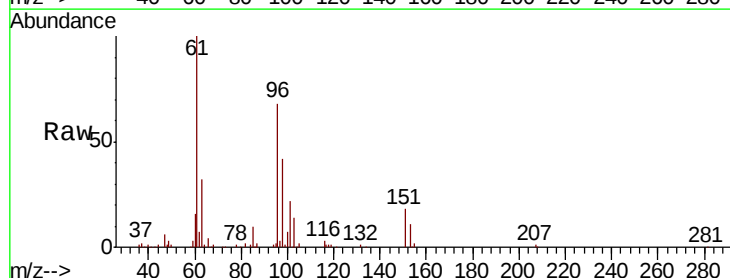
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

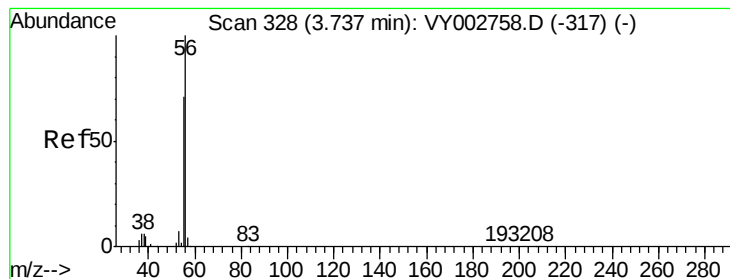
Tot Ion: 59 Resp: 29475
Ion Ratio Lower Upper
59 100
57 4.9 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.521 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 96 Resp: 59797
Ion Ratio Lower Upper
96 100
61 147.4 112.6 168.8
98 62.4 50.0 75.0





#13

Acrolein

Concen: 95.231 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

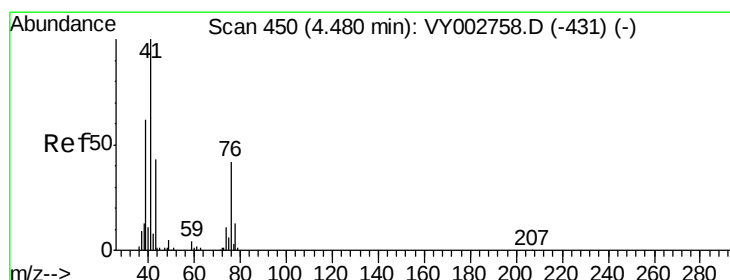
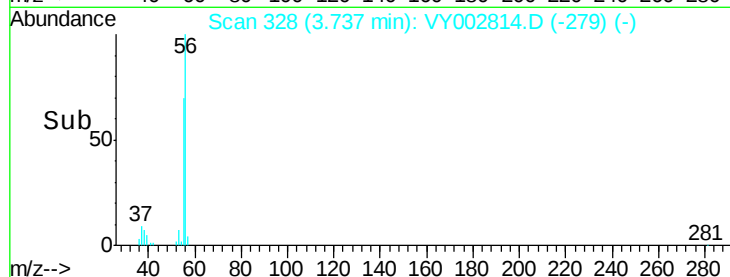
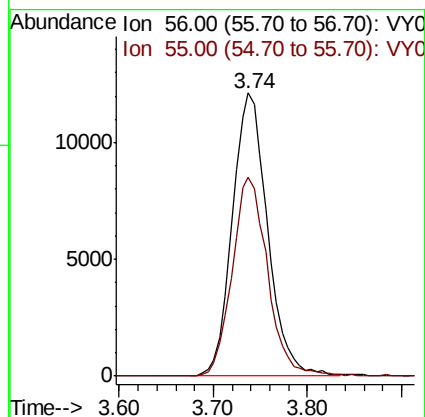
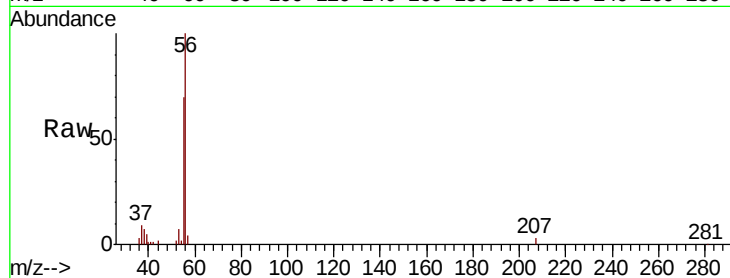
VY0602SBSD01

Tot Ion: 56 Resp: 31649

Ion Ratio Lower Upper

56 100

55 70.2 56.0 84.0



#14

Allyl chloride

Concen: 22.018 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

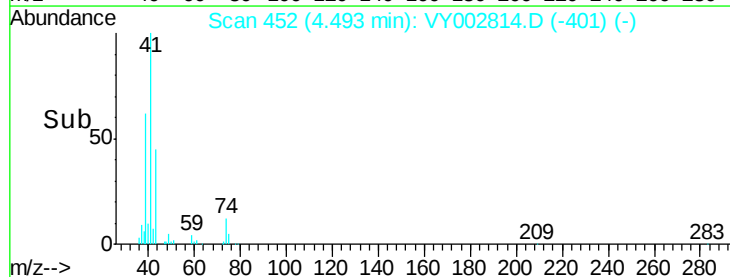
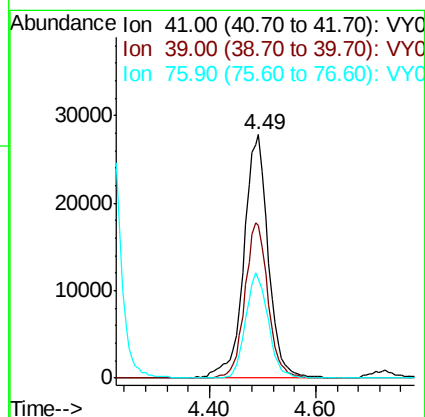
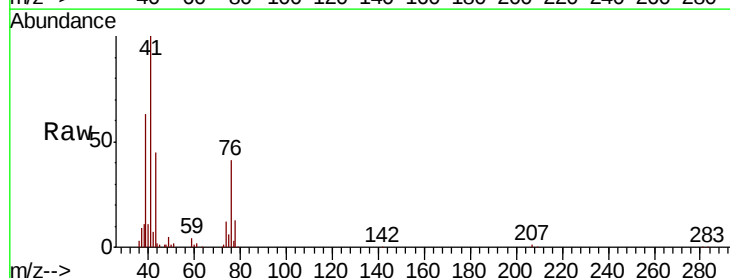
Tgt Ion: 41 Resp: 87745

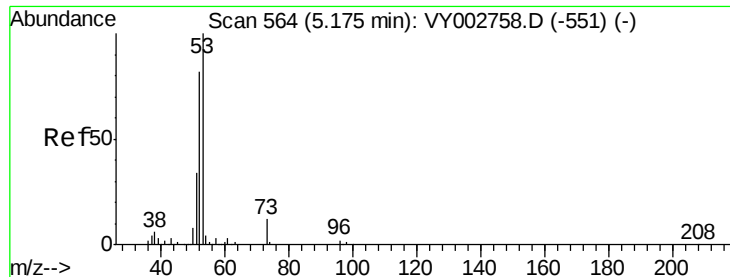
Ion Ratio Lower Upper

41 100

39 60.8 49.9 74.9

76 40.0 33.2 49.8





#15

Acrylonitrile

Concen: 103.614 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

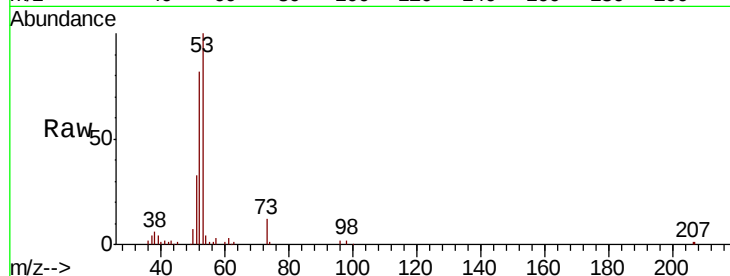
Tot Ion: 53 Resp: 84935

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

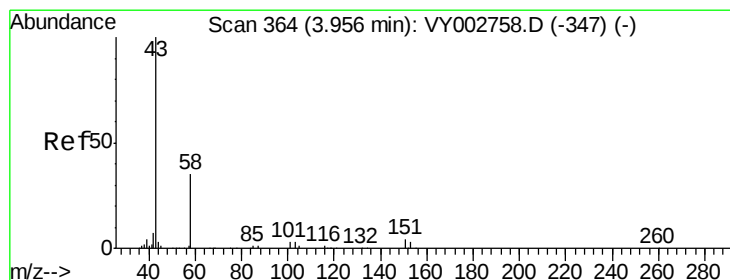
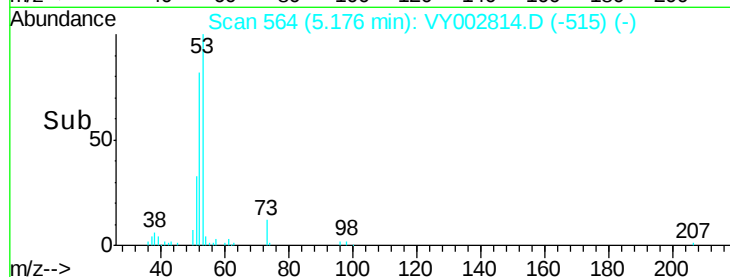
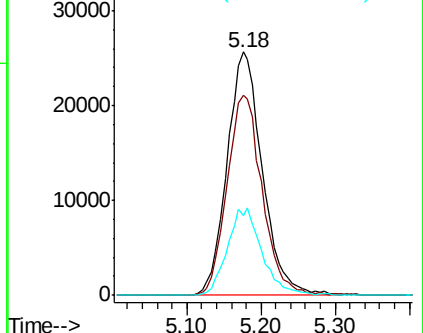
51 35.2 28.0 42.0



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: 96.438 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002814.D

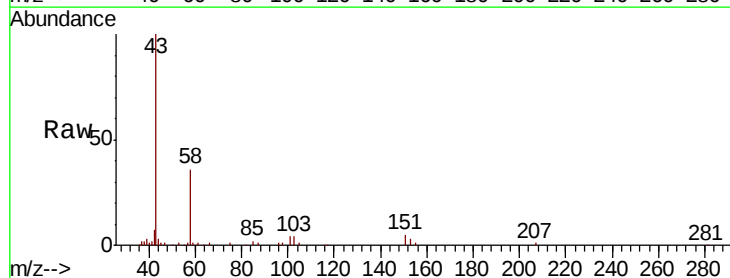
Acq: 02 Jun 2020 12:00

Tgt Ion: 43 Resp: 64130

Ion Ratio Lower Upper

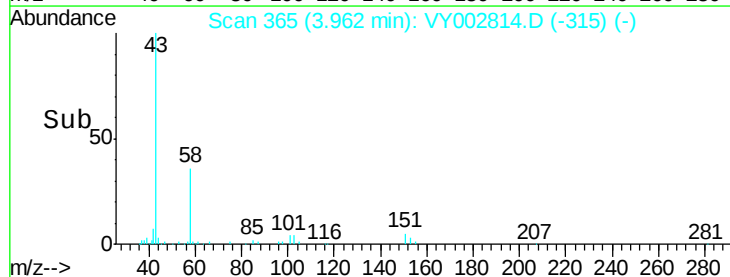
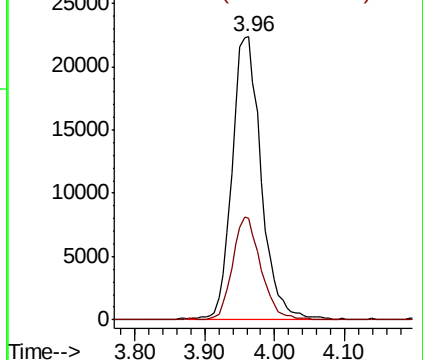
43 100

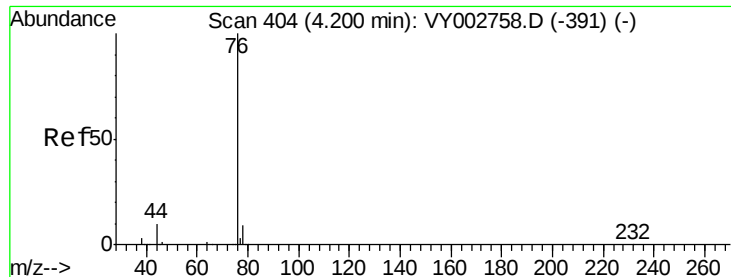
58 35.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

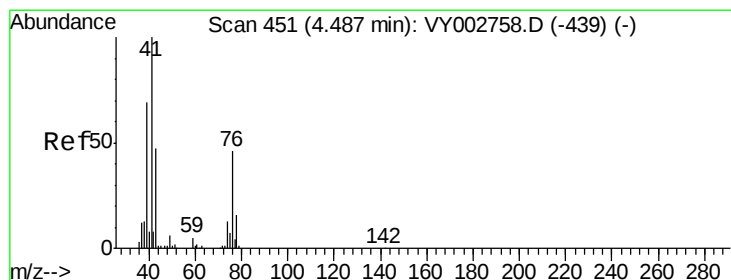
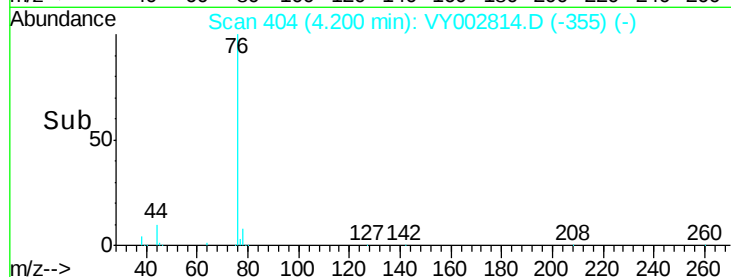
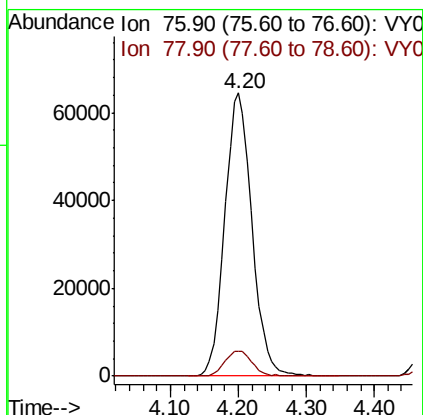
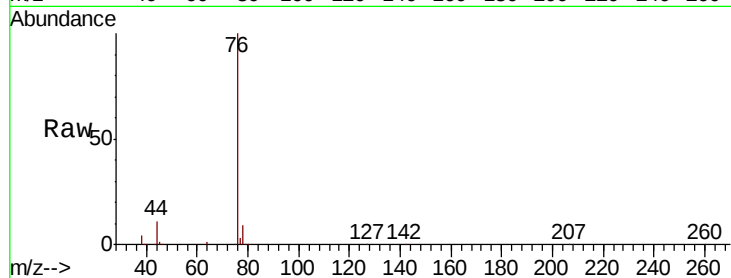




#17
Carbon Disulfide
Concen: 21.198 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

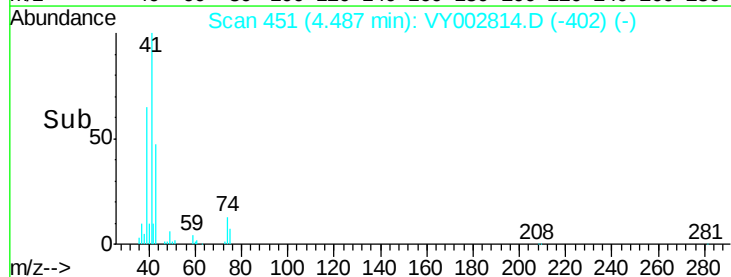
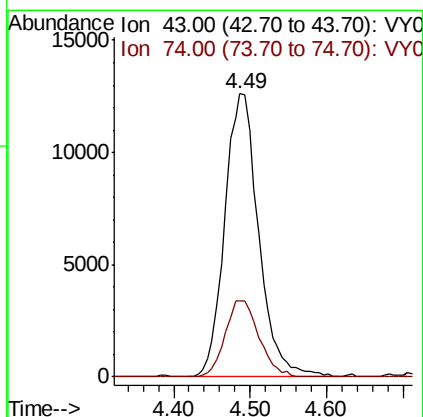
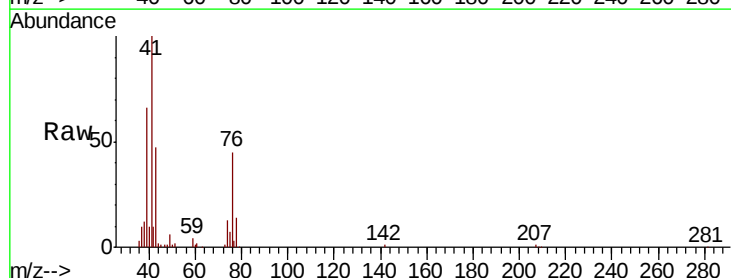
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion: 76 Resp: 177989
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 22.660 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 43 Resp: 38693
Ion Ratio Lower Upper
43 100
74 26.8 21.4 32.0

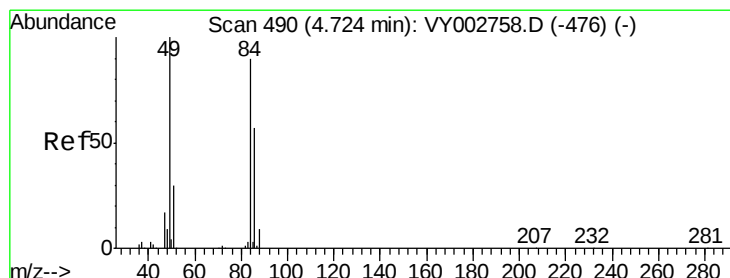
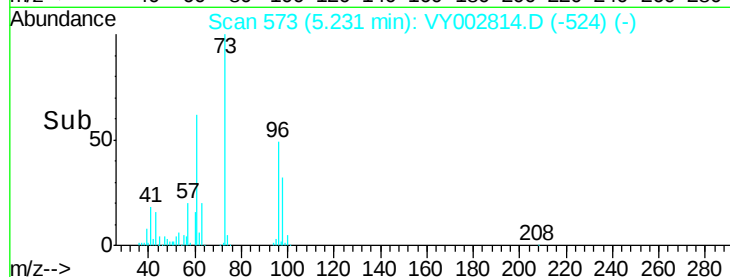
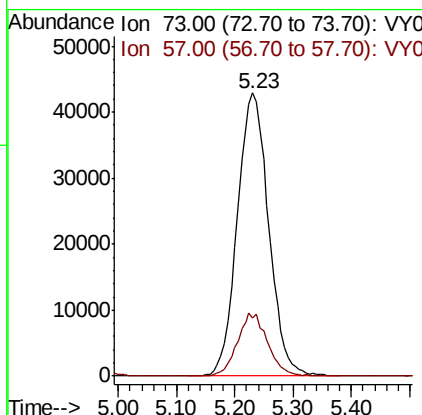
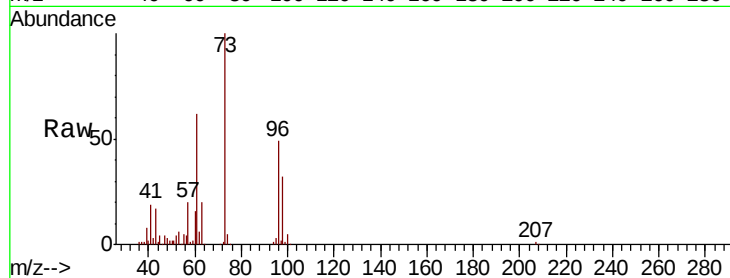




#19
Methvl tert-butvl Ether
Concen: 20.905 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

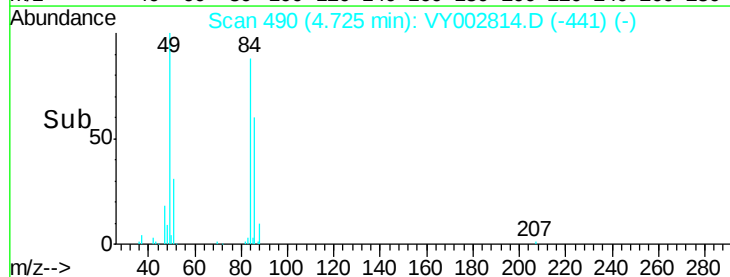
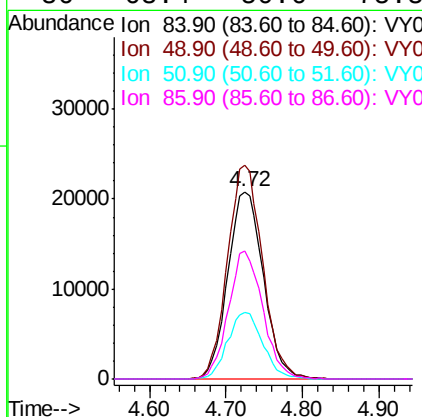
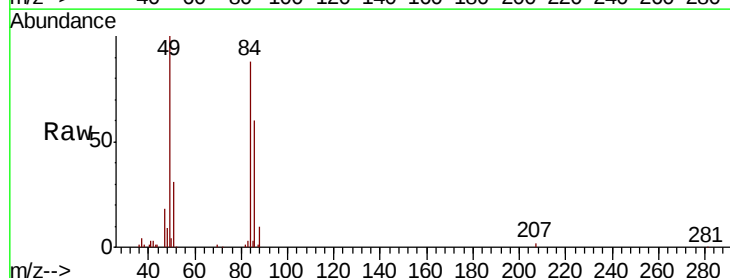
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion: 73 Resp: 160357
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: 20.681 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 84 Resp: 67208
Ion Ratio Lower Upper
84 100
49 114.2 88.5 132.7
51 35.7 26.8 40.2
86 68.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.471 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

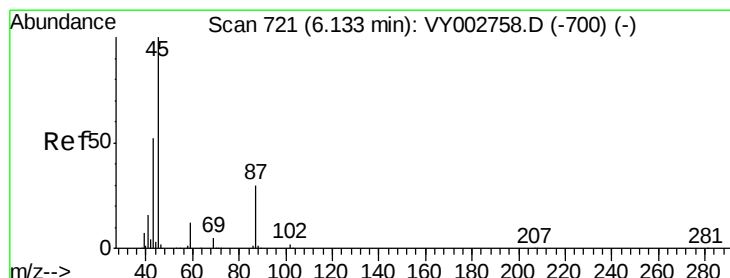
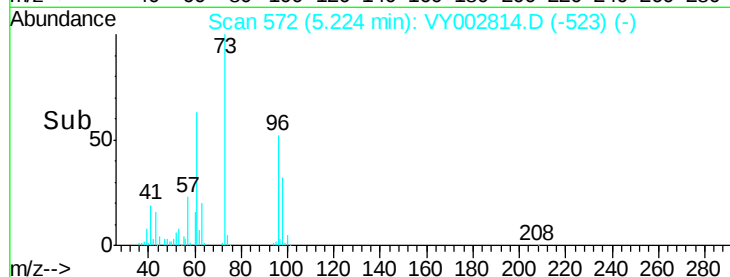
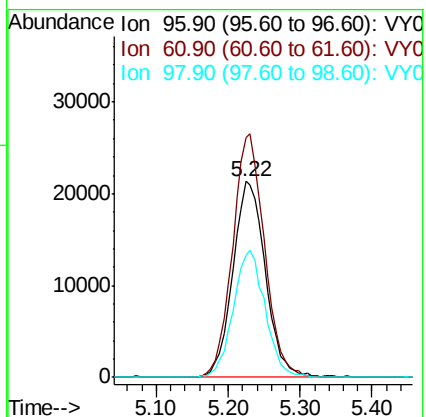
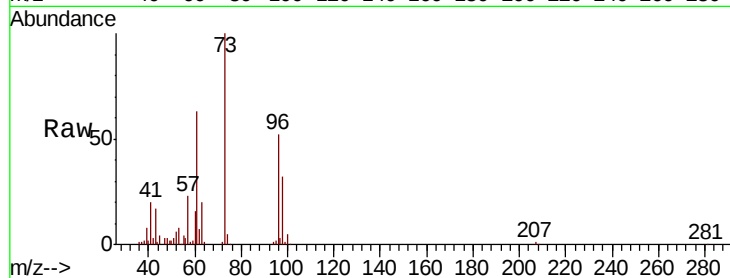
Tot Ion: 96 Resp: 67091

Ion Ratio Lower Upper

96 100

61 122.2 96.8 145.2

98 62.2 49.4 74.0



#22

Diisopropyl ether

Concen: 21.906 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion: 45 Resp: 181405

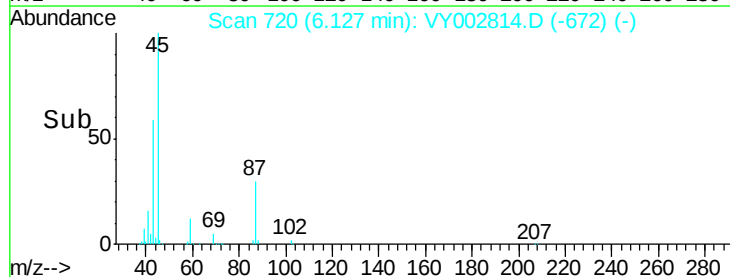
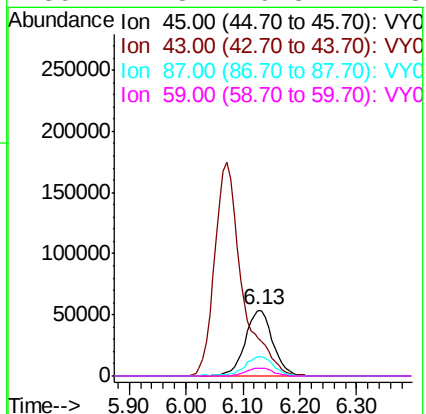
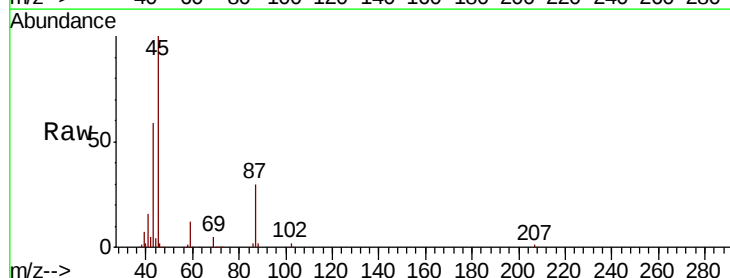
Ion Ratio Lower Upper

45 100

43 58.3 41.7 62.5

87 29.5 24.2 36.2

59 11.8 9.8 14.8





#23

Vinyl Acetate

Concen: 106.716 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

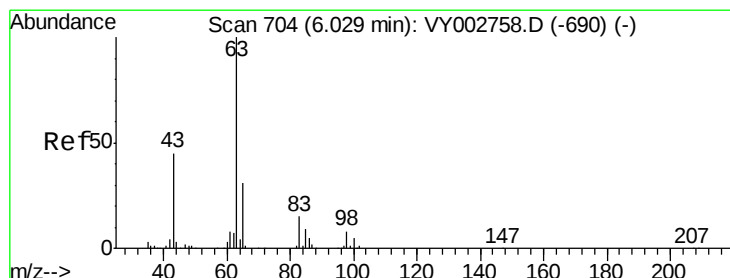
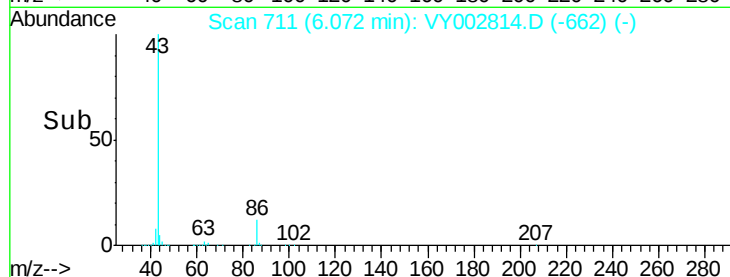
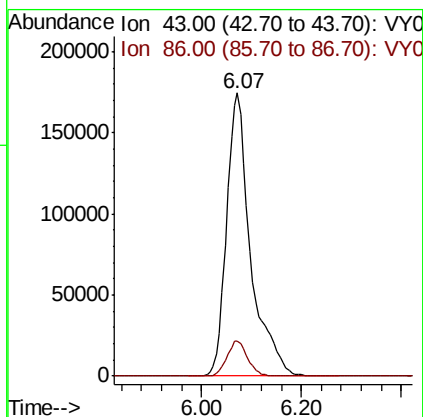
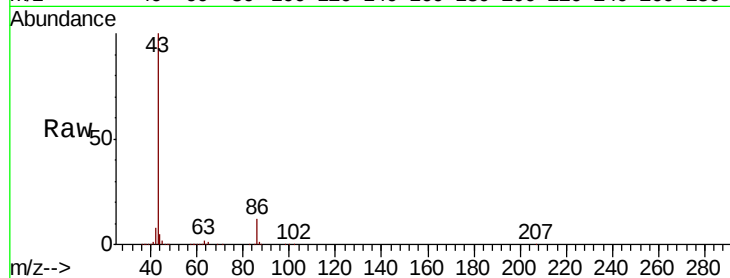
VY0602SBSD01

Tot Ion: 43 Resp: 583470

Ion Ratio Lower Upper

43 100

86 12.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.488 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

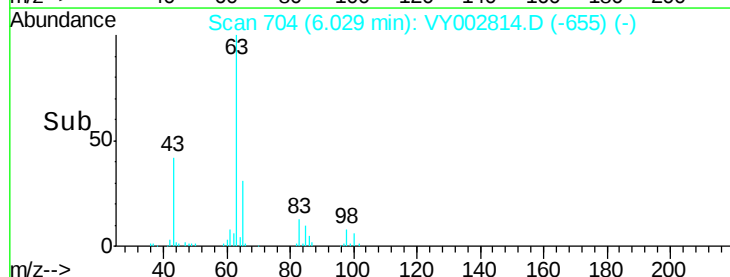
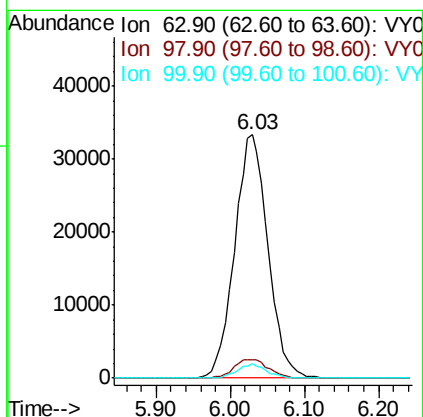
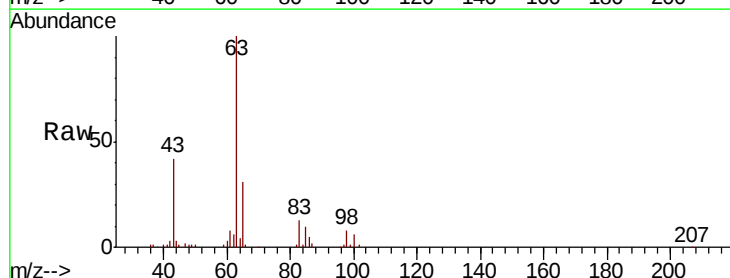
Tgt Ion: 63 Resp: 104093

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 5.9 2.4 7.1

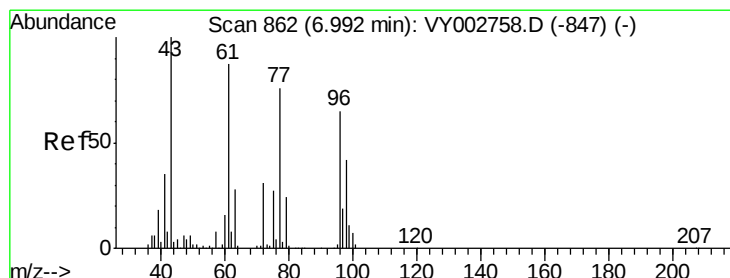
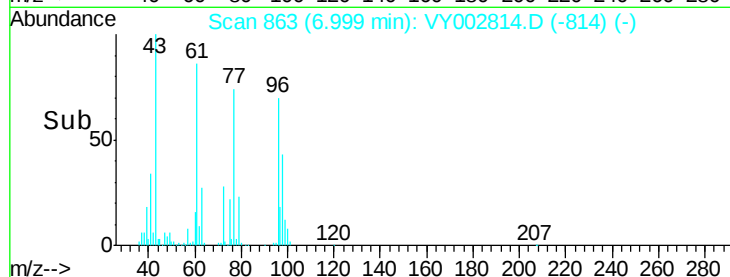
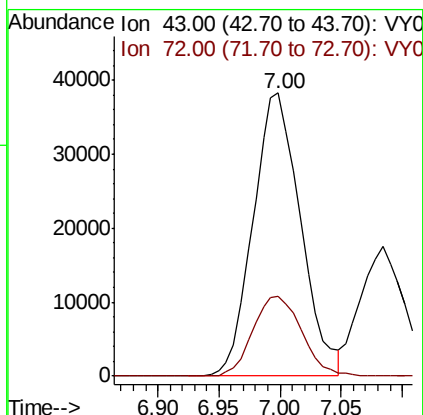
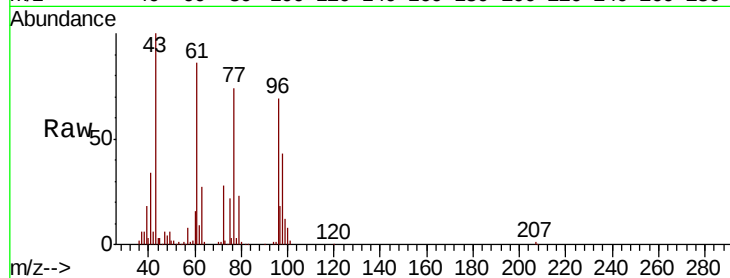




#25
2-Butanone
Concen: 99.594 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

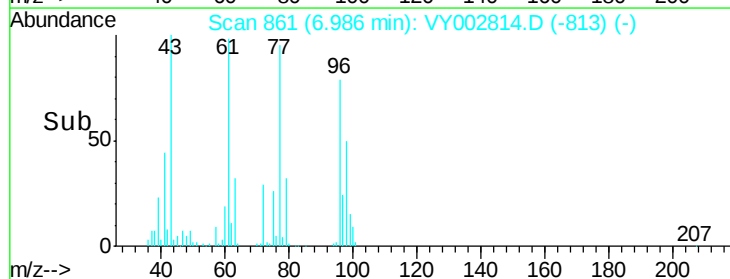
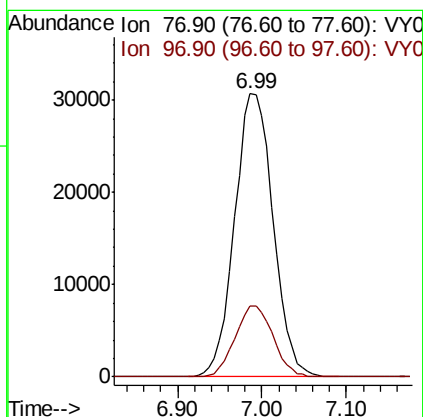
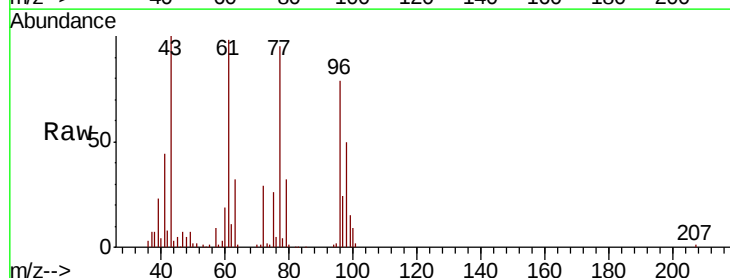
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

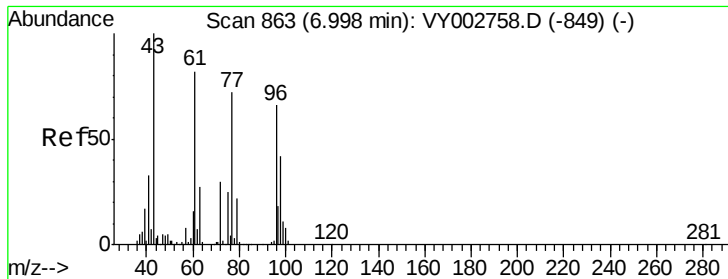
Tot Ion: 43 Resp: 103185
Ion Ratio Lower Upper
43 100
72 28.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.438 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 77 Resp: 94955
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



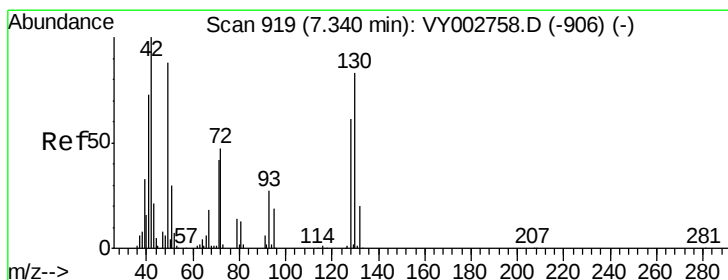
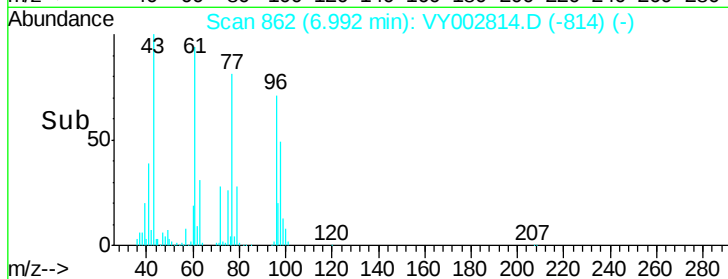
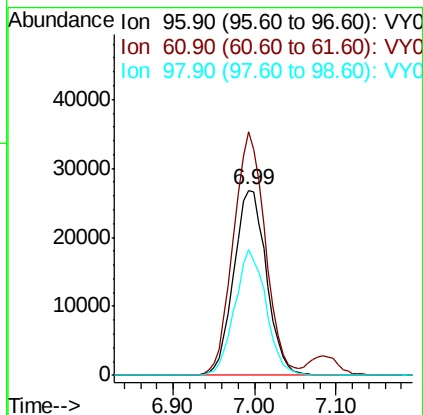
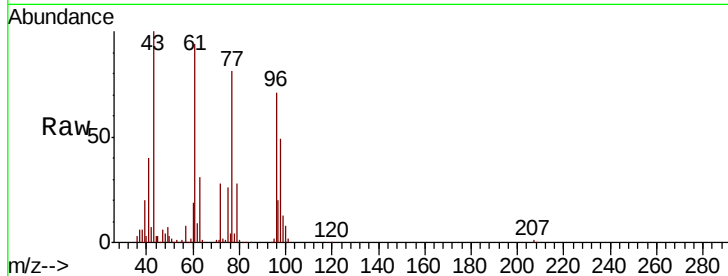


#27

cis-1,2-Dichloroethene
Concen: 21.282 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

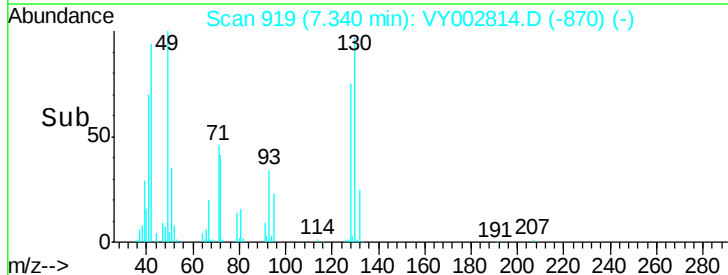
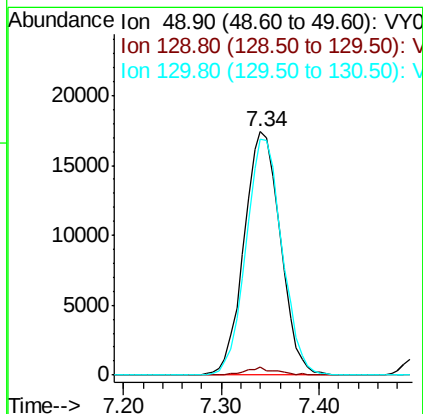
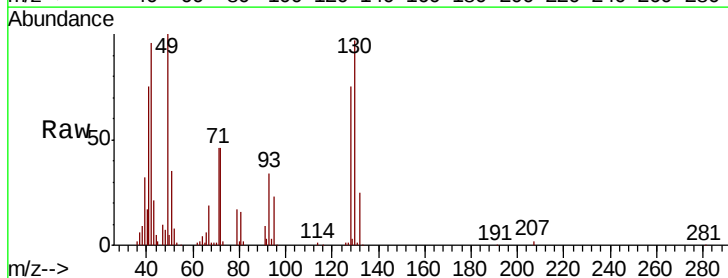
Tot Ion: 96 Resp: 74446
Ion Ratio Lower Upper
96 100
61 128.8 0.0 260.2
98 64.8 0.0 128.2

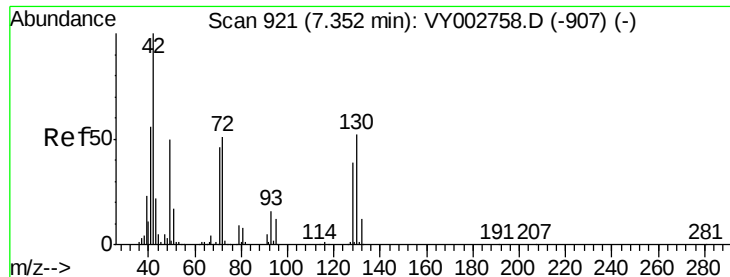


#28

Bromochloromethane
Concen: 22.580 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 49 Resp: 44905
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 96.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 102.212 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

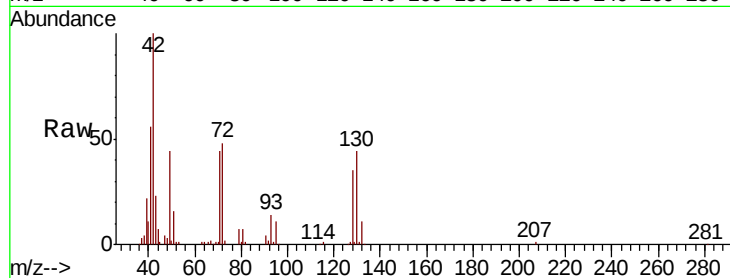
Tot Ion: 42 Resp: 68882

Ion Ratio Lower Upper

42 100

72 48.5 38.6 58.0

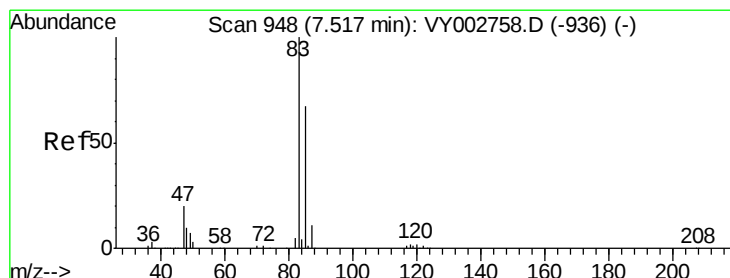
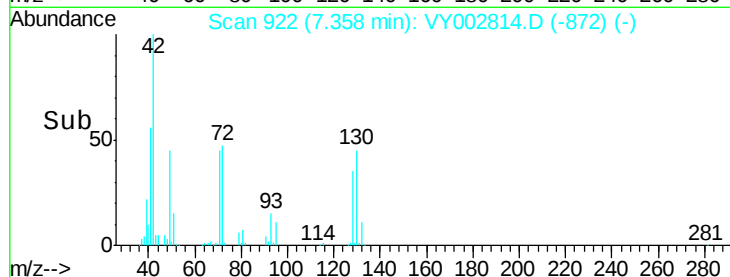
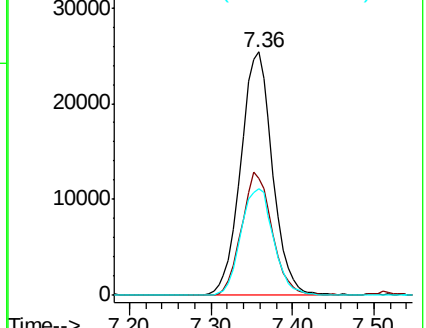
71 44.8 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.392 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002814.D

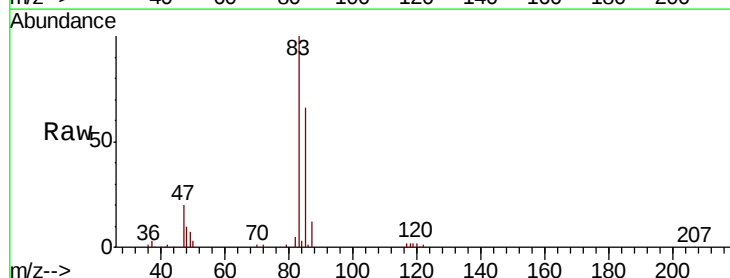
Acq: 02 Jun 2020 12:00

Tgt Ion: 83 Resp: 109964

Ion Ratio Lower Upper

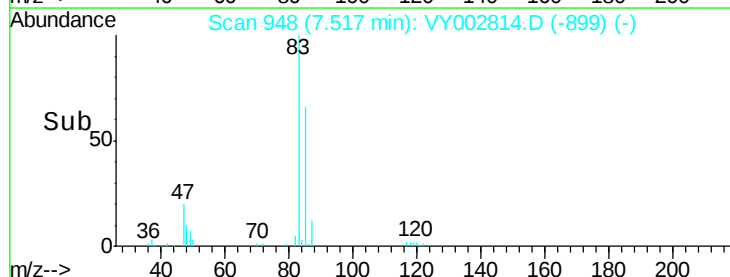
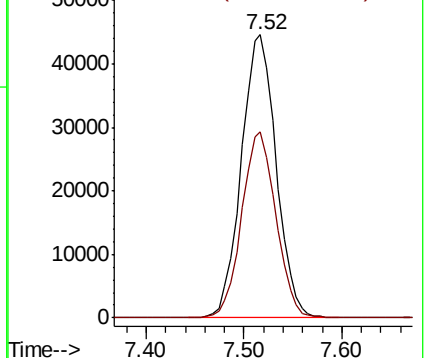
83 100

85 66.0 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.161 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

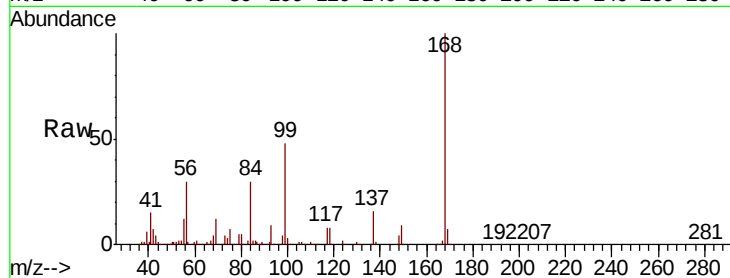
Tot Ion: 56 Resp: 101781

Ion Ratio Lower Upper

56 100

69 37.9 28.0 42.0

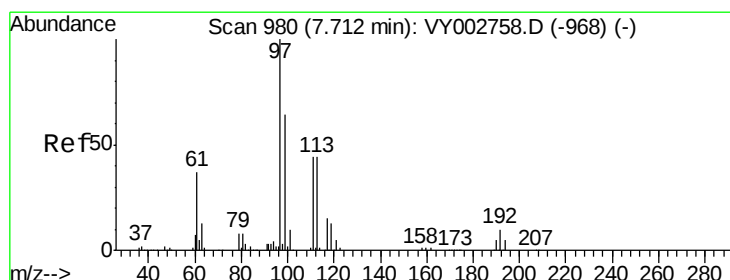
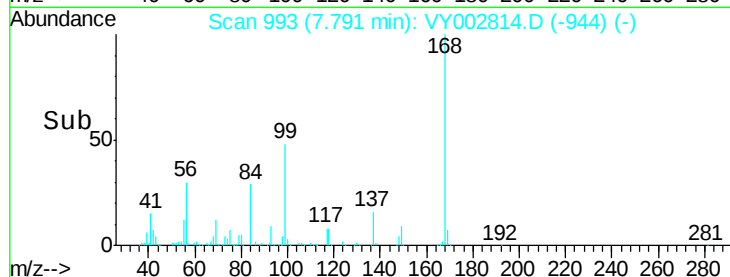
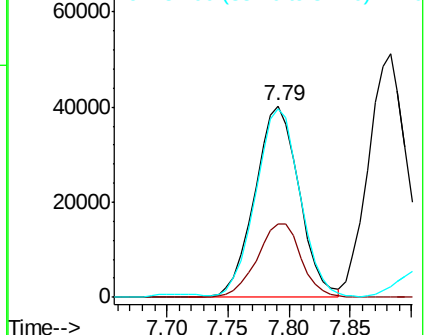
84 96.7 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.927 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

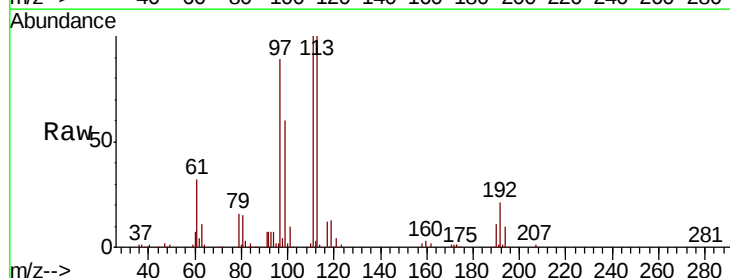
Tgt Ion: 97 Resp: 100245

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

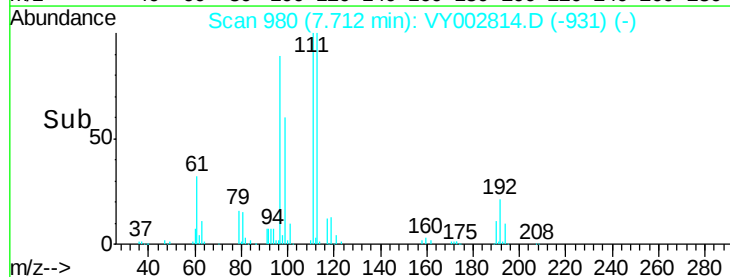
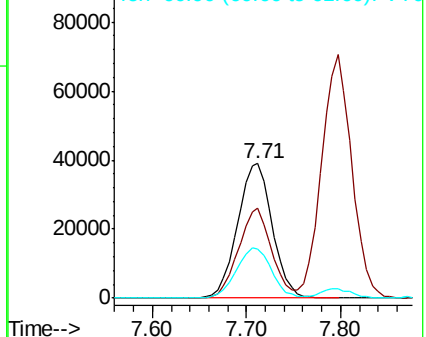
61 37.6 30.1 45.1



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

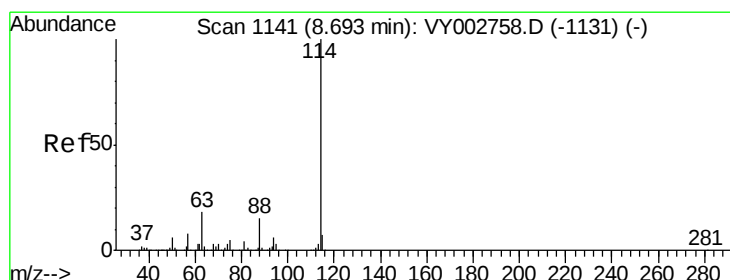
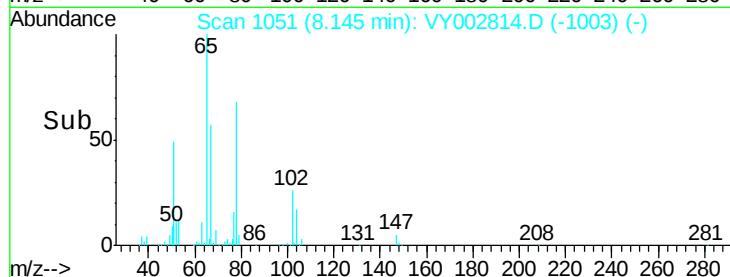
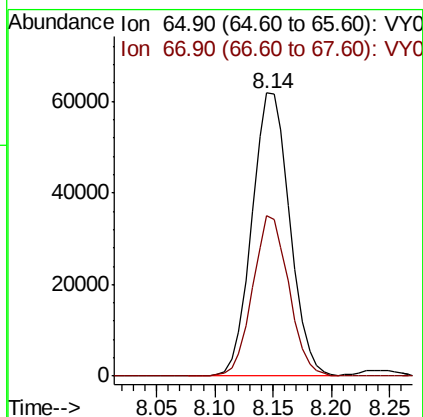
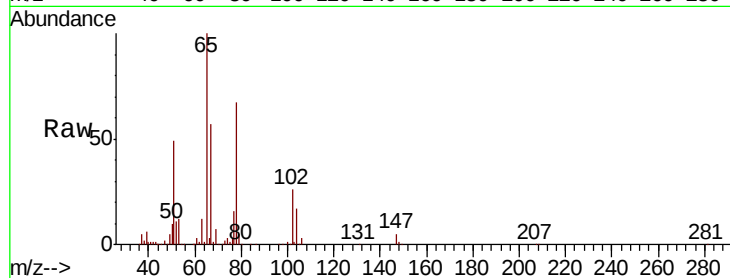




#33
 1,2-Dichloroethane-d4
 Concen: 49.339 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

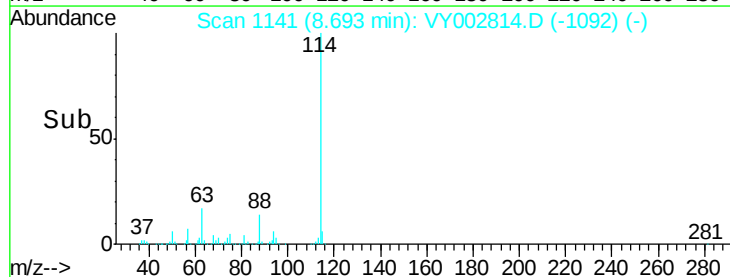
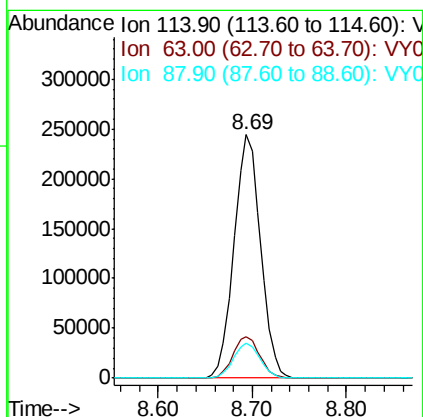
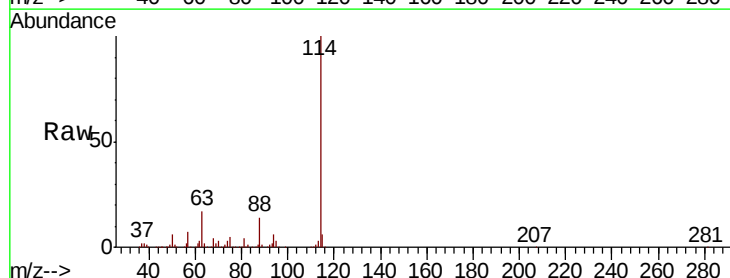
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

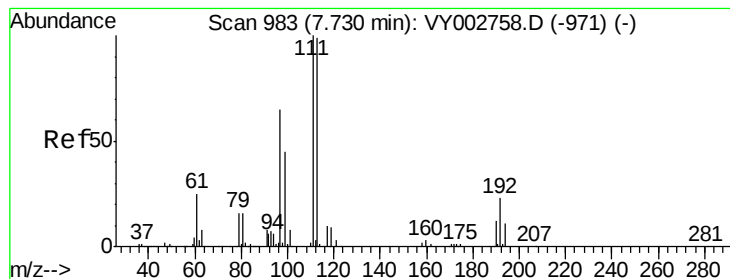
Tot Ion: 65 Resp: 139921
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion: 114 Resp: 474777
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.814 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

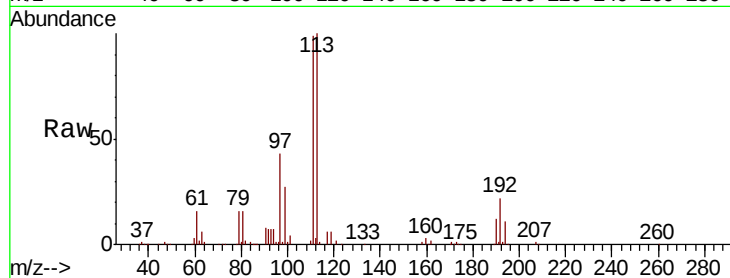
Tot Ion:113 Resp: 146950

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

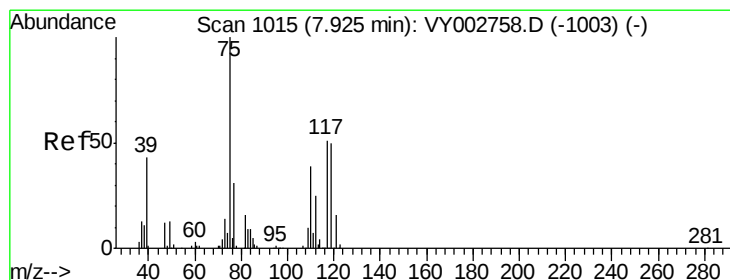
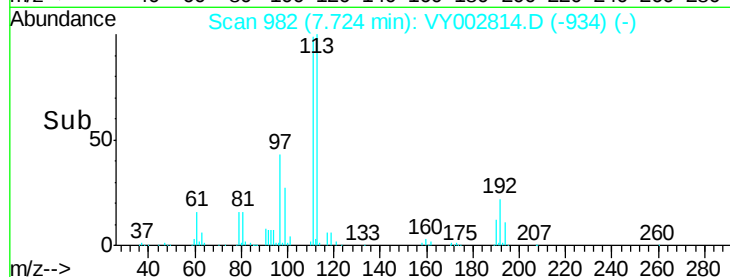
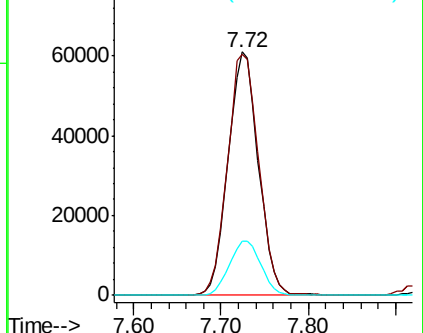
192 23.3 18.9 28.3



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: 21.415 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

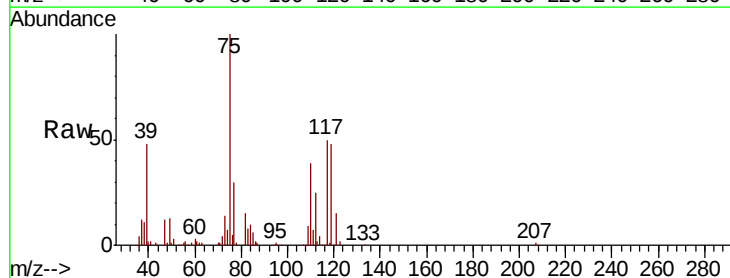
Tgt Ion: 75 Resp: 85645

Ion Ratio Lower Upper

75 100

110 39.8 19.3 57.9

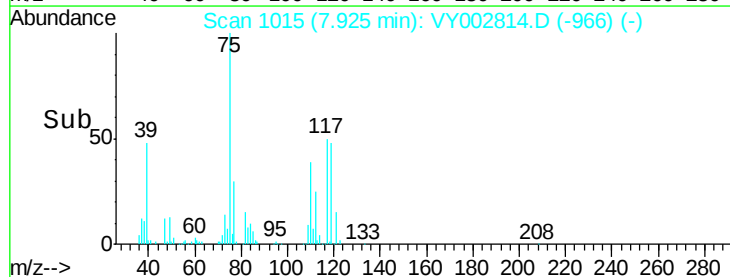
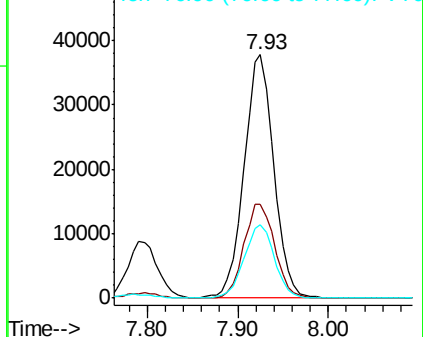
77 30.9 24.8 37.2

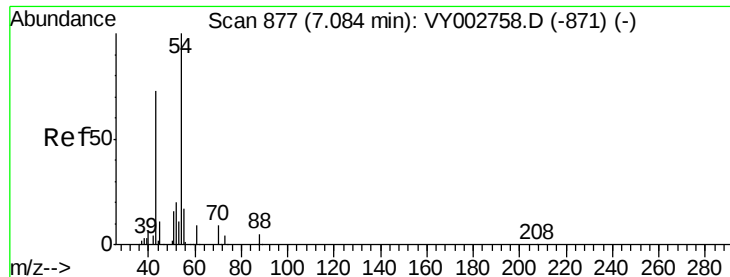


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

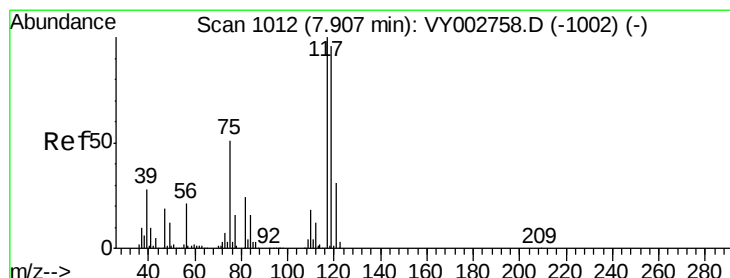
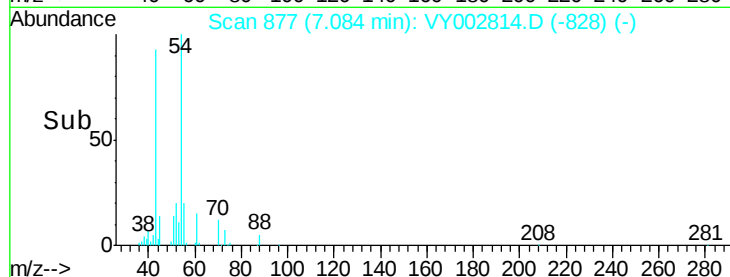
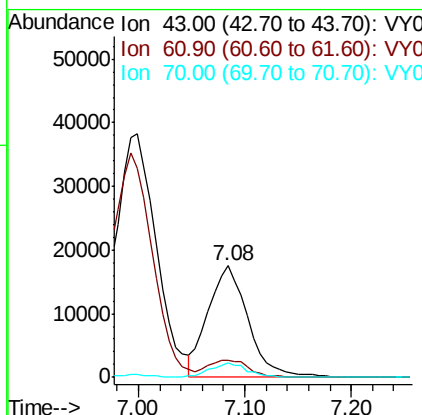
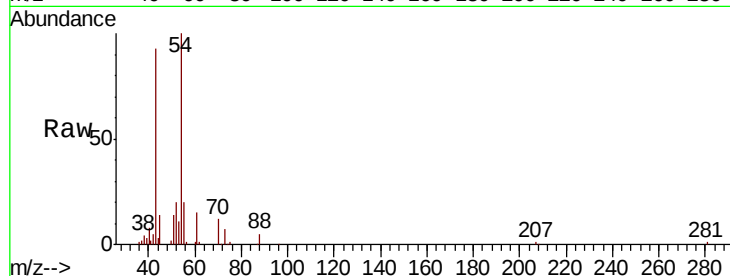




#37
Ethyl Acetate
Concen: 20.812 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

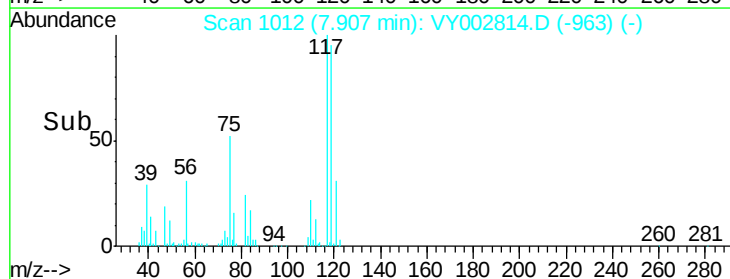
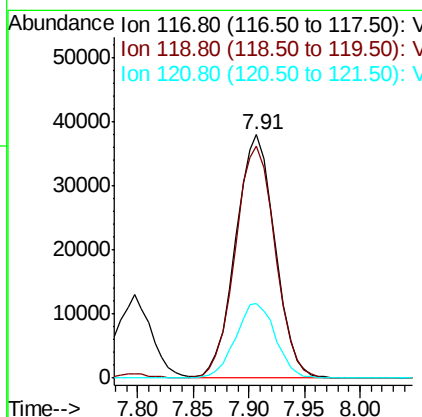
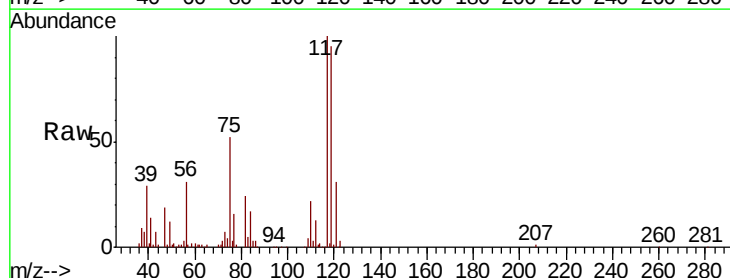
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

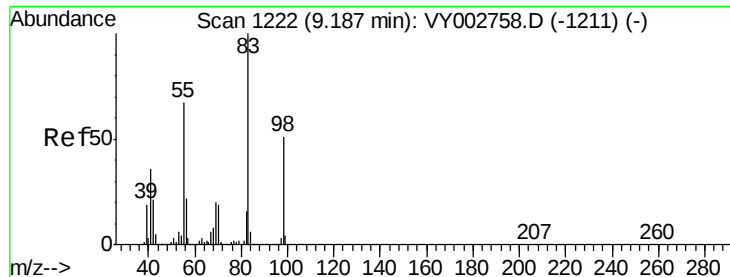
Tot Ion	43	Resp	45287
Ion Ratio	Lower	Upper	
43	100		
61	15.9	11.9	17.9
70	11.9	9.1	13.7



#38
Carbon Tetrachloride
Concen: 21.096 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion	117	Resp	93728
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.8	115.2
121	30.5	24.8	37.2

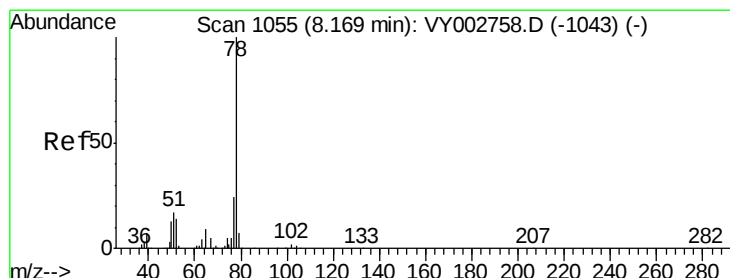
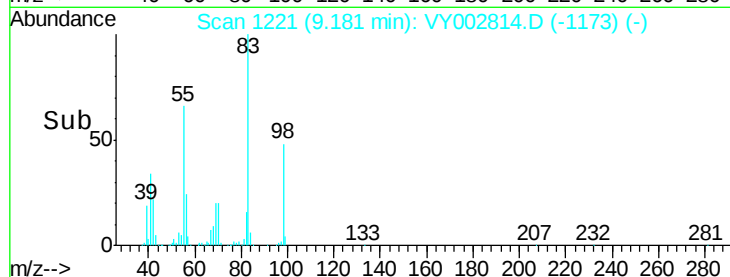
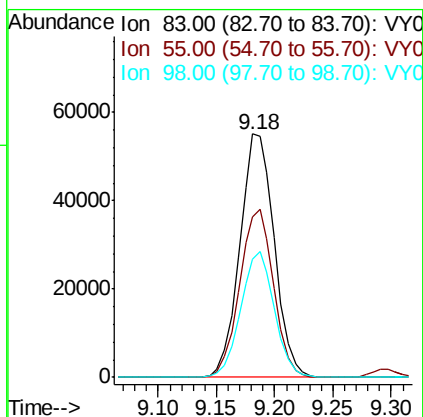
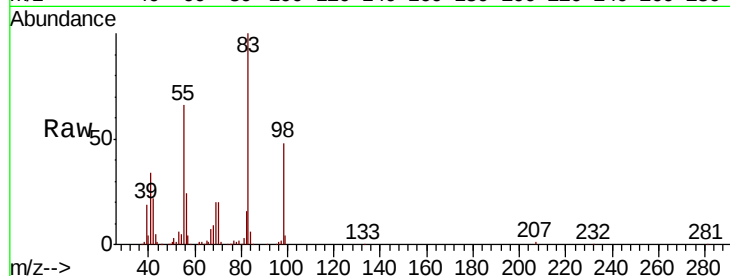




#39
Methvlcvclohexane
Concen: 21.504 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

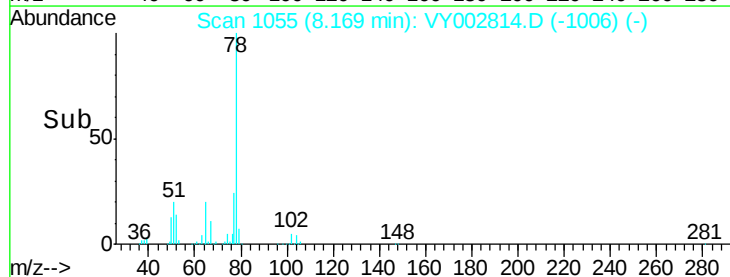
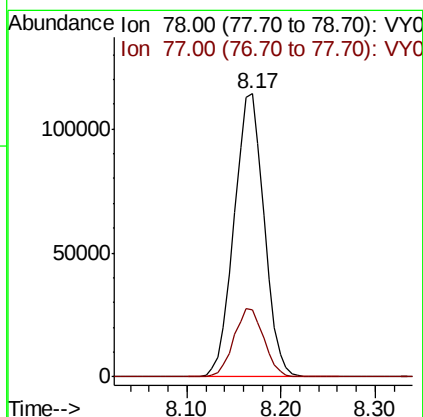
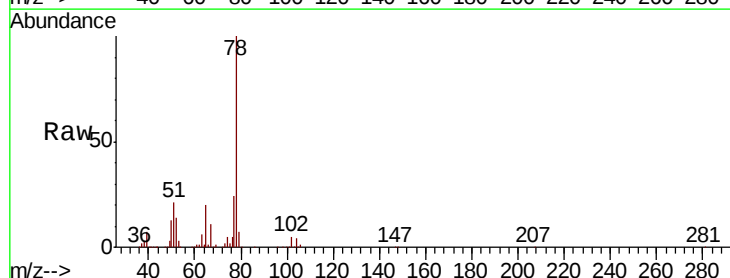
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

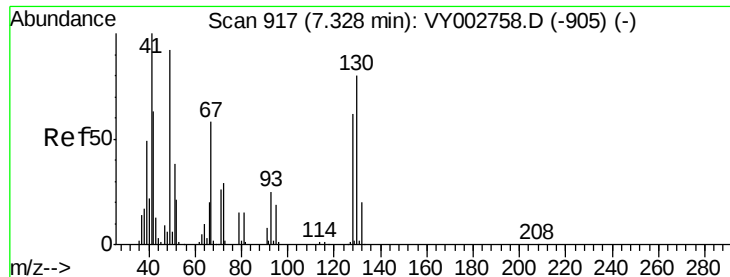
Tot Ion: 83 Resp: 113358
Ion Ratio Lower Upper
83 100
55 66.1 53.3 79.9
98 48.4 41.1 61.7



#40
Benzene
Concen: 21.497 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 78 Resp: 254037
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

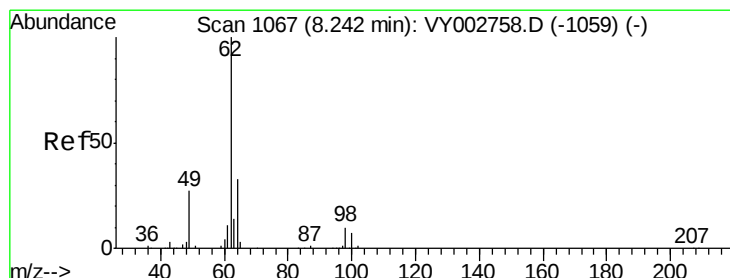
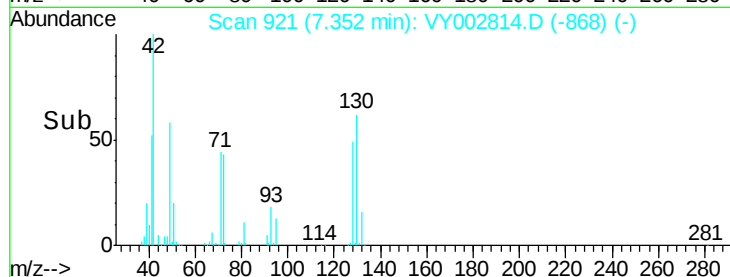
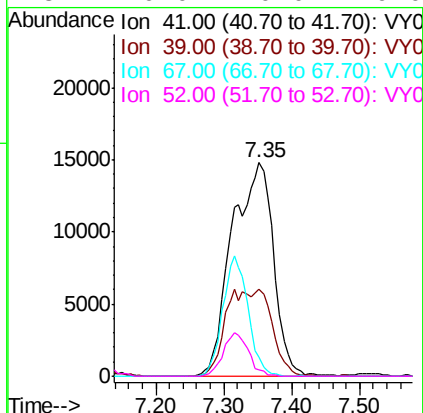
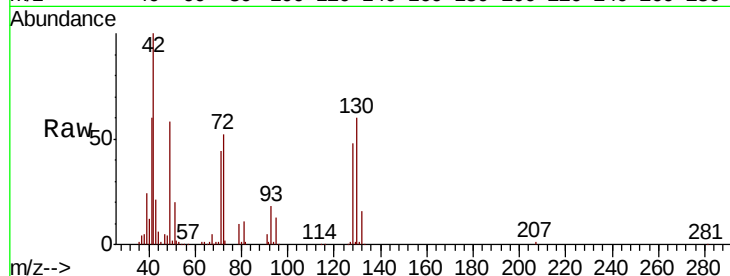




#41
Methacrylonitrile
Concen: 53.601 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

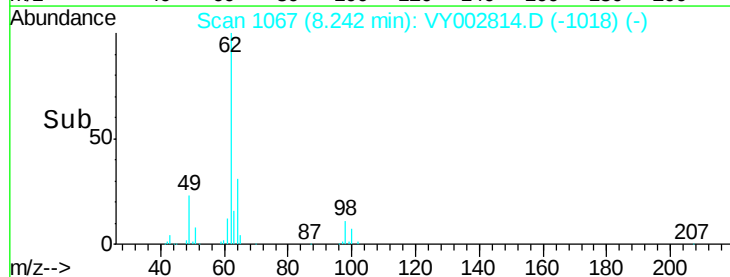
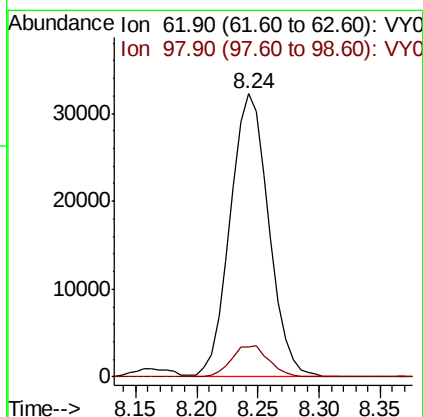
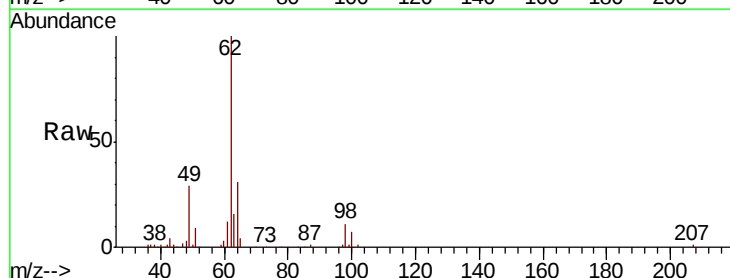
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

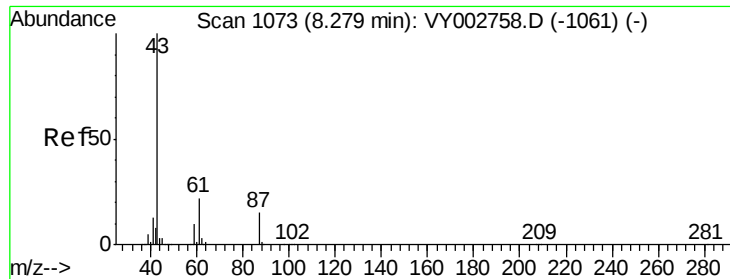
Tot Ion:	41	Resp:	62659
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.235 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion:	62	Resp:	70329
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6



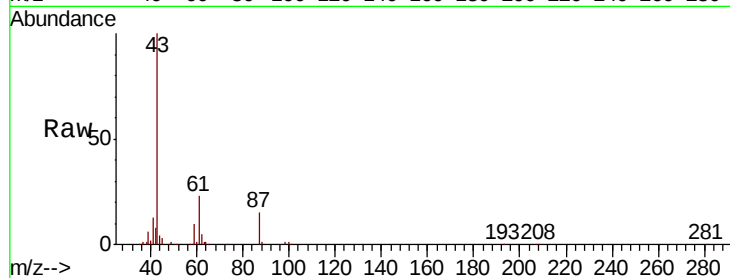


#43

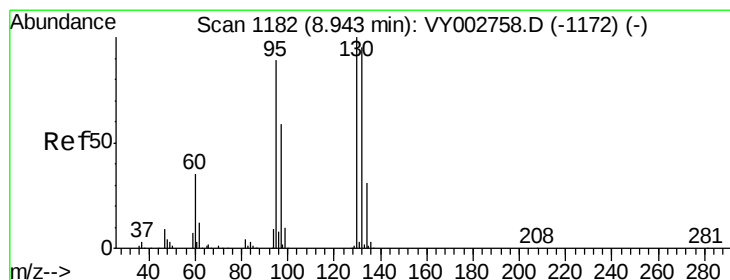
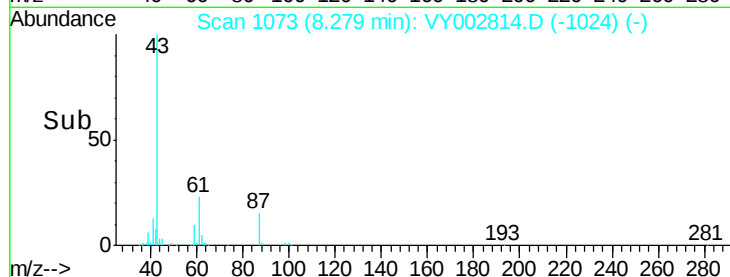
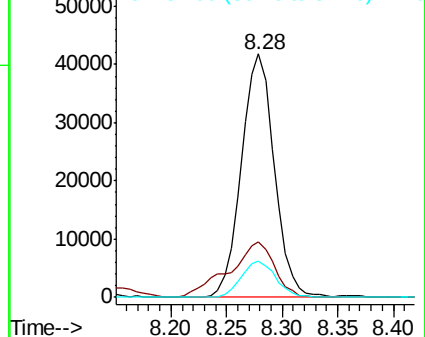
Isopropyl Acetate
 Concen: 20.846 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion	43	Resp	85960
Ion Ratio	Lower	Upper	
43	100		
61	31.3	24.8	37.2
87	15.5	12.4	18.6



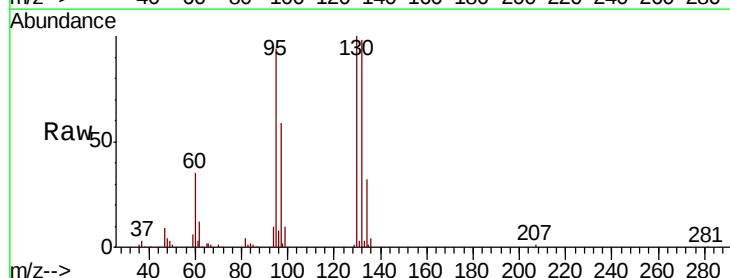
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



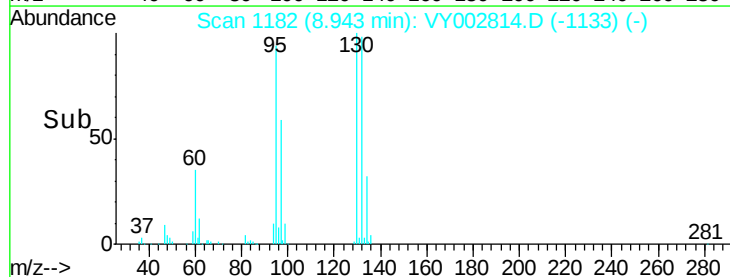
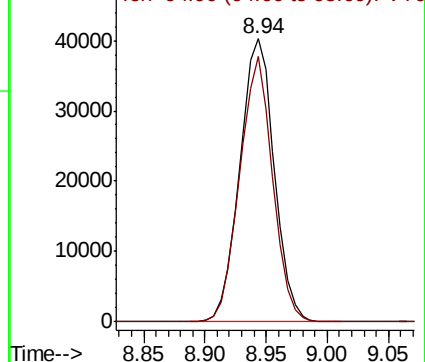
#44

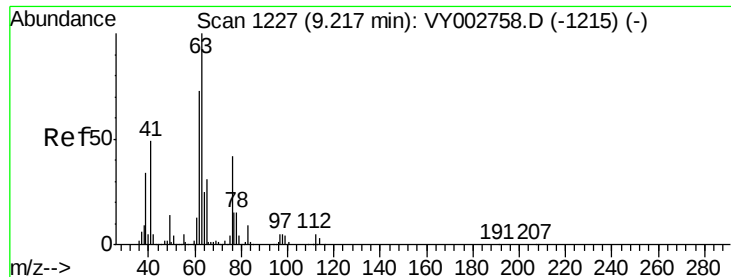
Trichloroethene
 Concen: 21.040 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	130	Resp	78537
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	178.8



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

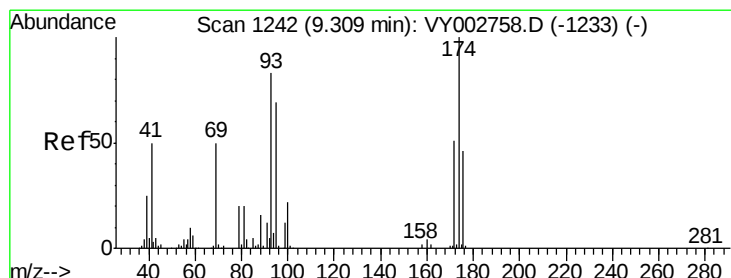
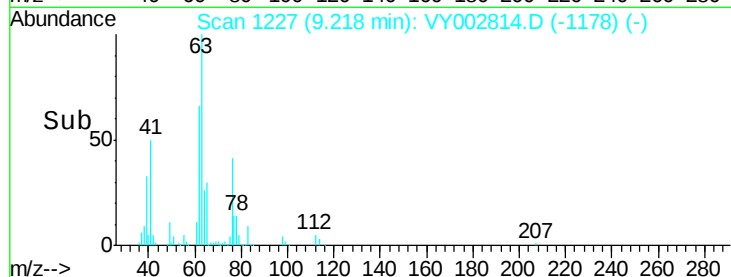
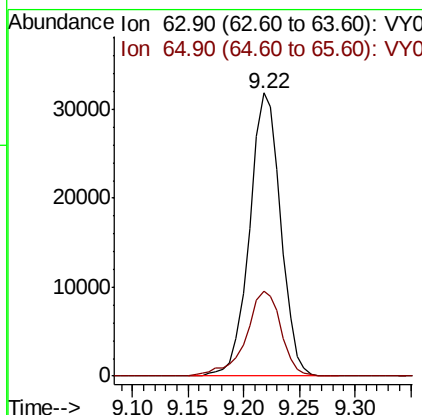
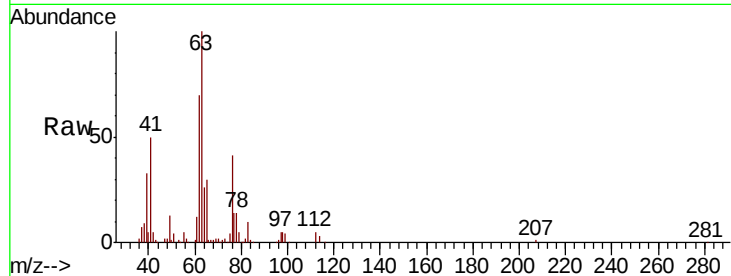




#45
 1,2-Dichloropropane
 Concen: 21.864 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

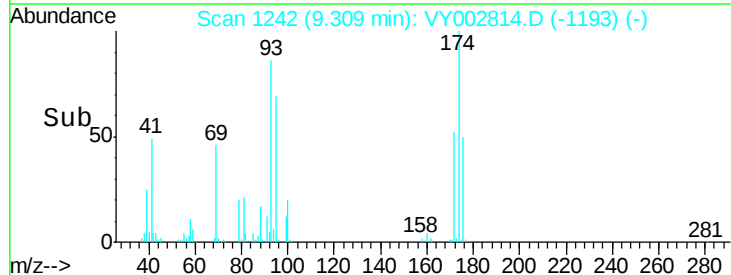
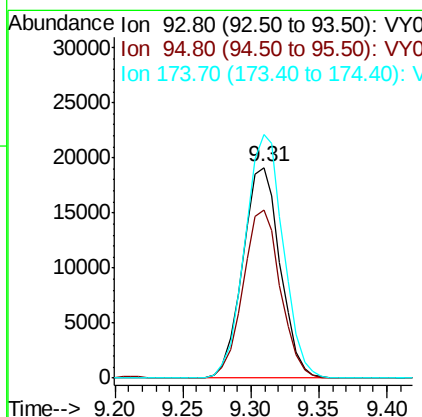
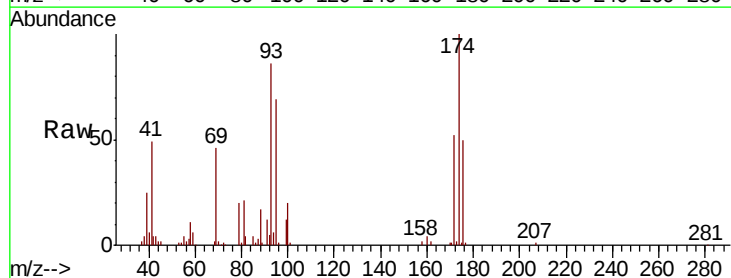
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

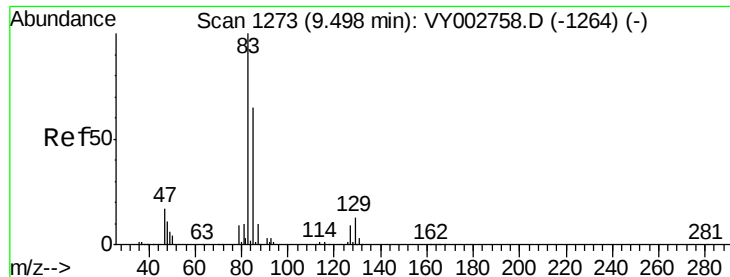
Tot Ion: 63 Resp: 61960
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 21.897 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion: 93 Resp: 36854
 Ion Ratio Lower Upper
 93 100
 95 79.6 66.9 100.3
 174 118.5 97.7 146.5





#47

Bromodichloromethane

Concen: 21.715 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

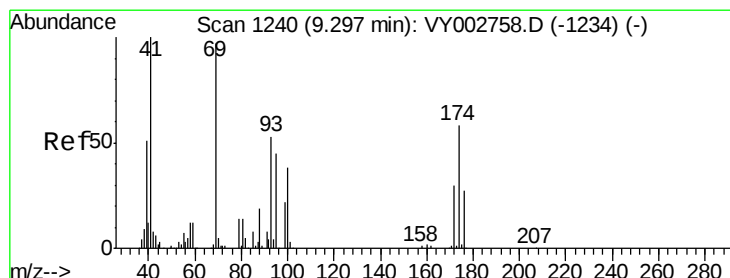
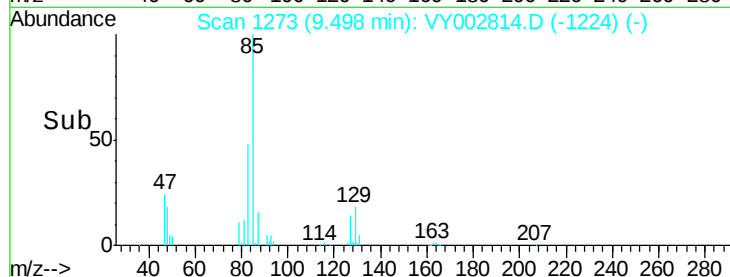
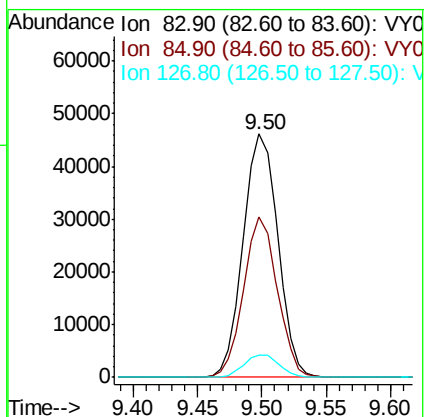
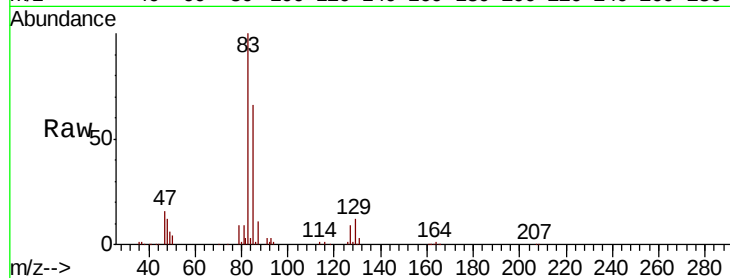
Tot Ion: 83 Resp: 86160

Ion Ratio Lower Upper

83 100

85 65.7 51.9 77.9

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 21.016 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

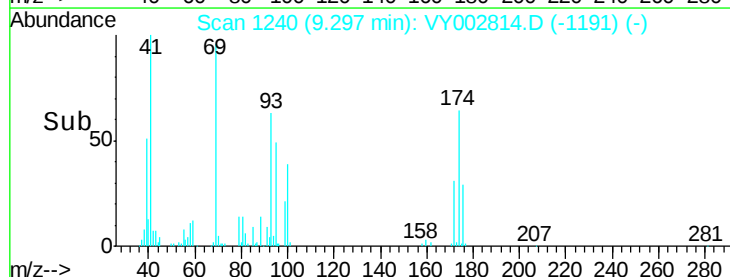
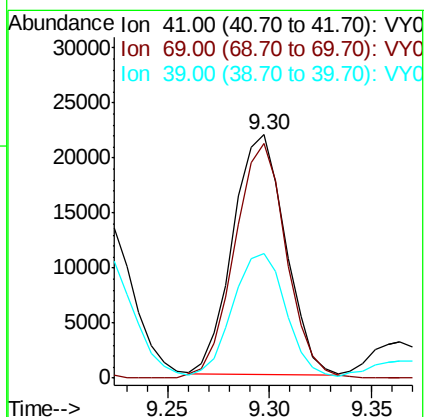
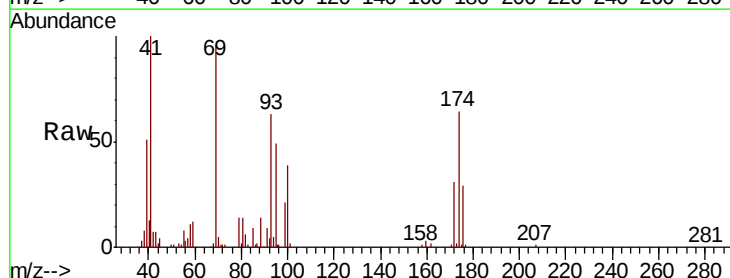
Tgt Ion: 41 Resp: 39120

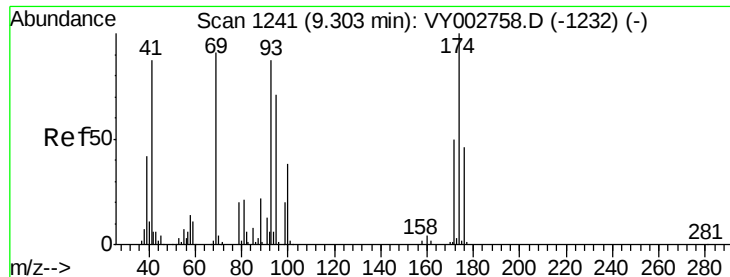
Ion Ratio Lower Upper

41 100

69 96.1 79.7 119.5

39 53.0 43.3 64.9

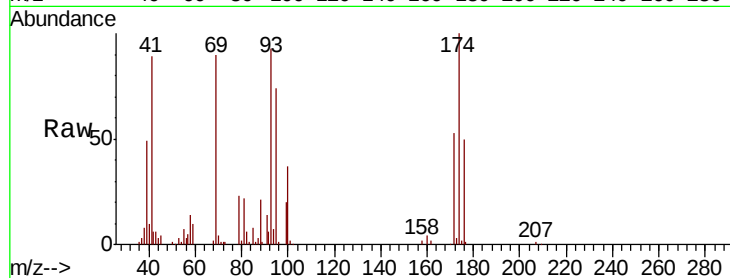




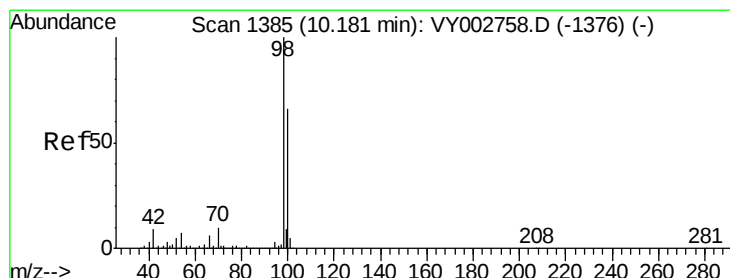
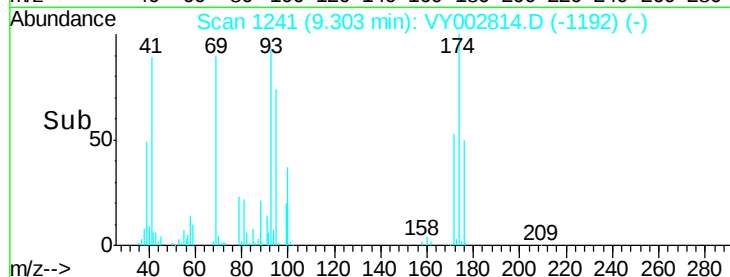
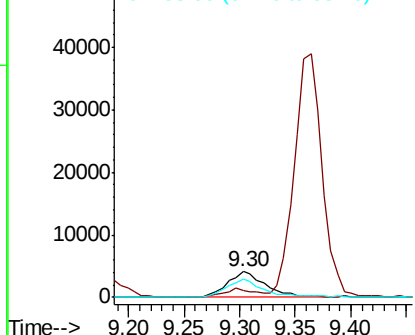
#49
1,4-Dioxane
Concen: 383.321 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion: 88 Resp: 9906
Ion Ratio Lower Upper
88 100
43 28.3 21.3 31.9
58 71.9 52.2 78.2

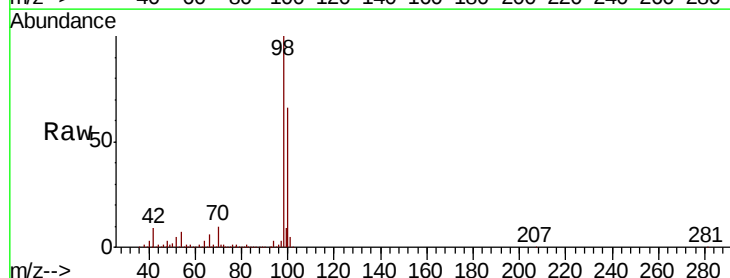


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

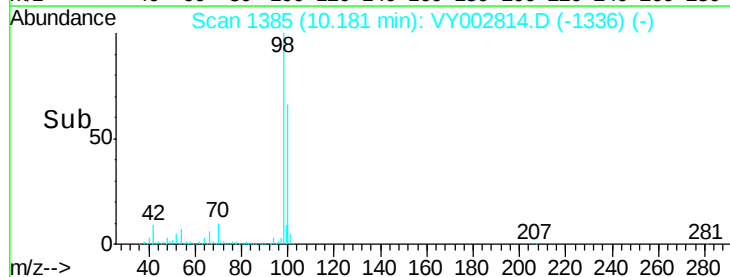
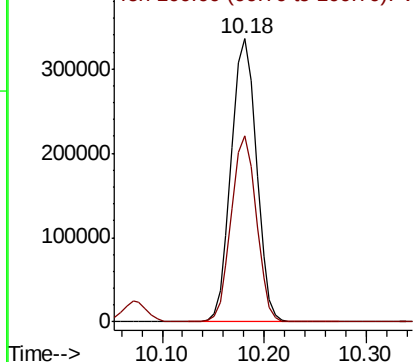


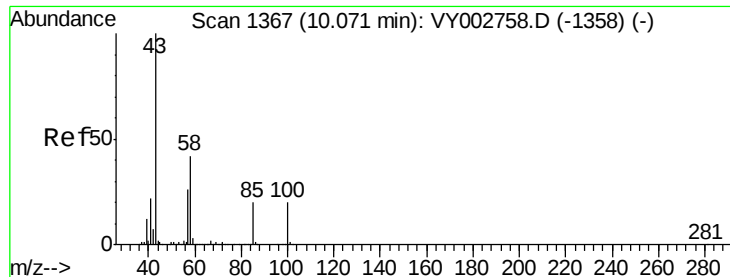
#50
Toluene-d8
Concen: 51.246 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 98 Resp: 576528
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 103.470 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

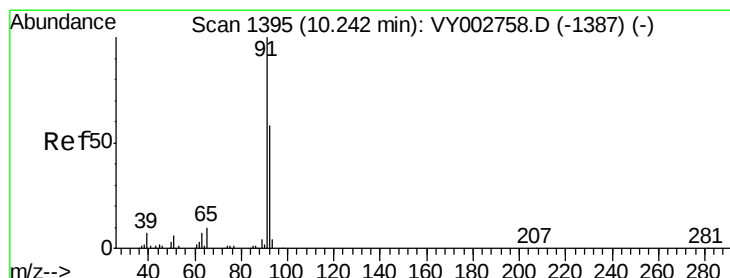
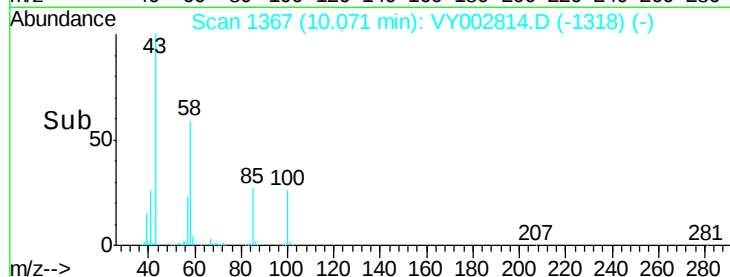
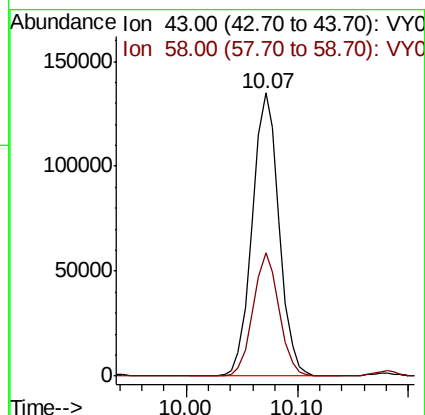
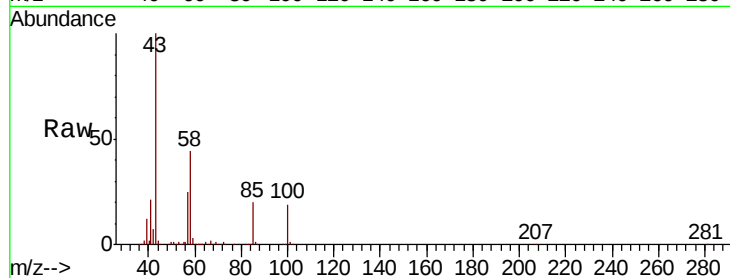
VY0602SBSD01

Tot Ion: 43 Resp: 225927

Ion Ratio Lower Upper

43 100

58 42.3 34.2 51.2



#52

Toluene

Concen: 21.482 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002814.D

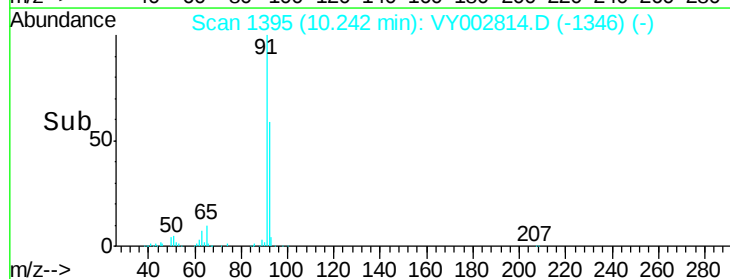
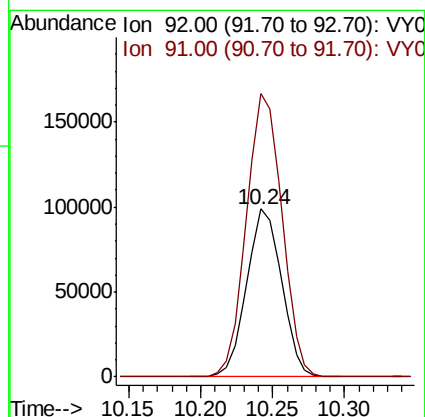
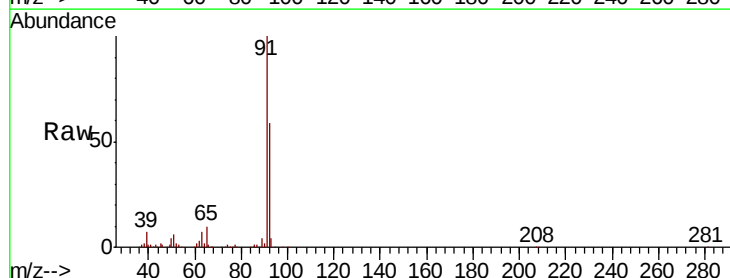
Acq: 02 Jun 2020 12:00

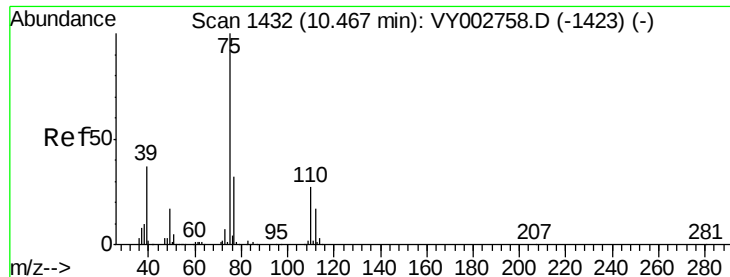
Tgt Ion: 92 Resp: 166069

Ion Ratio Lower Upper

92 100

91 172.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.432 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

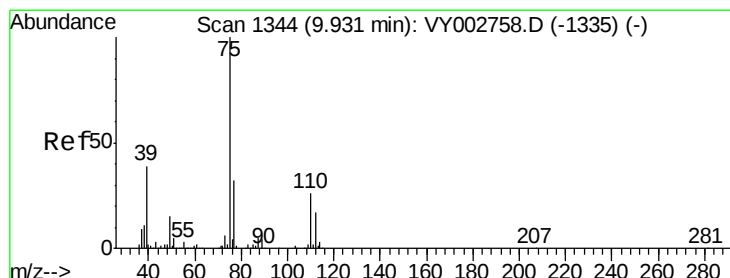
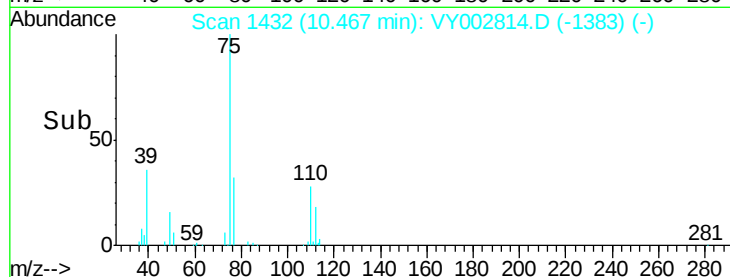
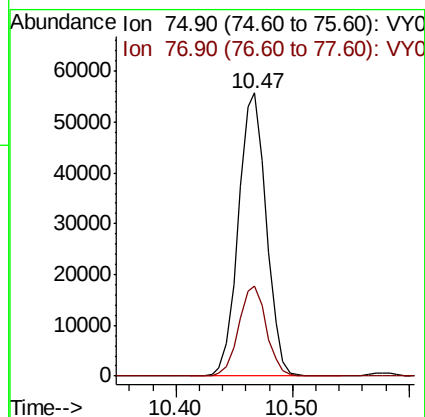
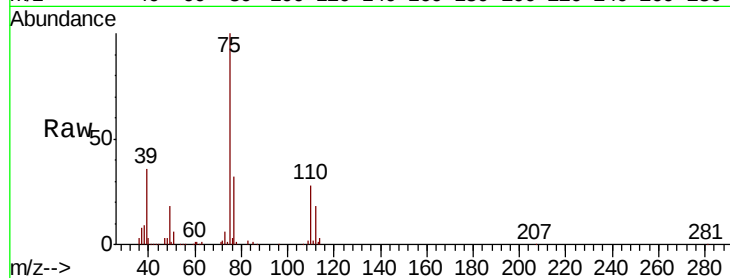
VY0602SBSD01

Tot Ion: 75 Resp: 92879

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.586 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

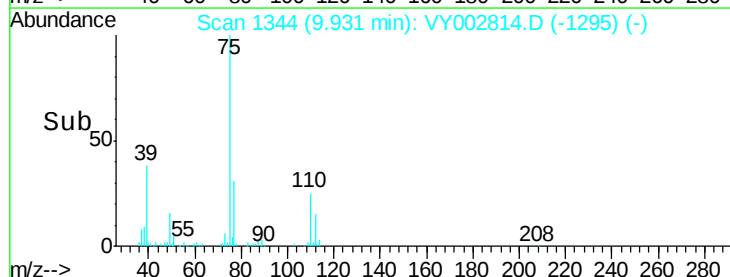
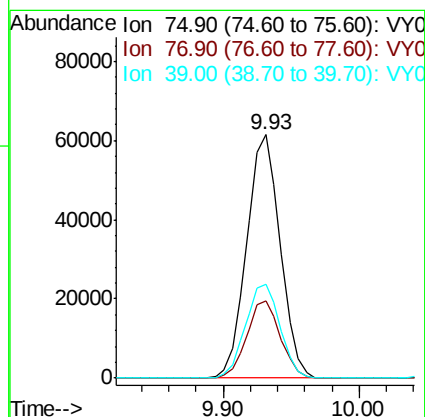
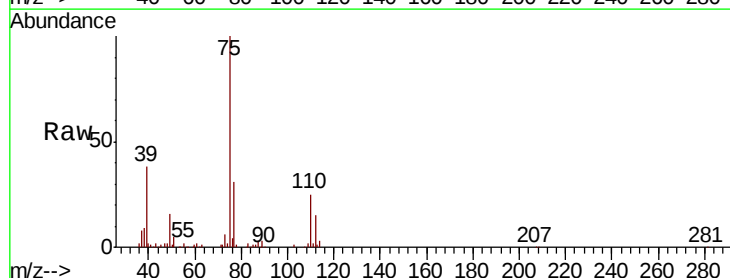
Tgt Ion: 75 Resp: 106002

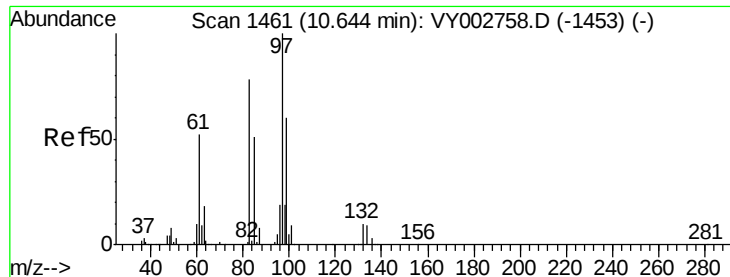
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 38.4 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 20.768 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

Tot Ion: 97 Resp: 53512

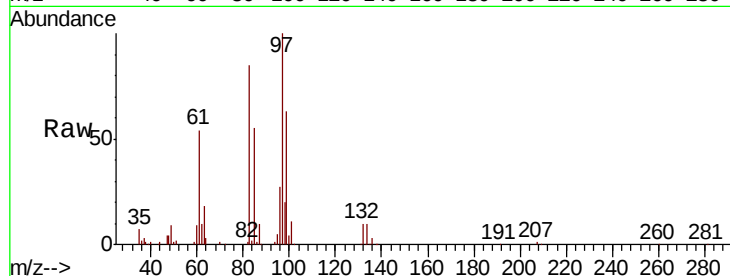
Ion Ratio Lower Upper

97 100

83 85.0 62.7 94.1

85 55.5 40.6 60.8

99 63.2 48.2 72.4

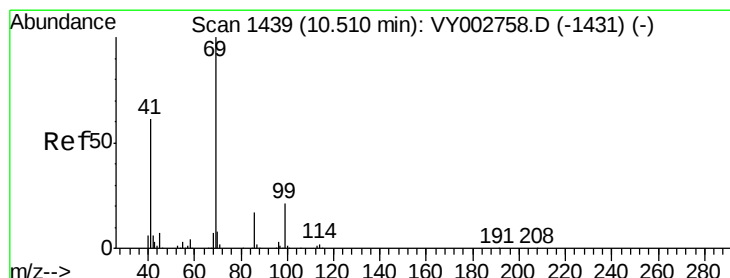
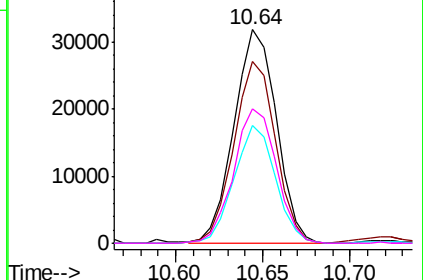
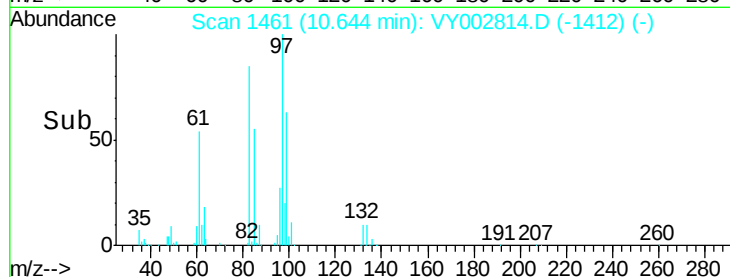


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.784 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

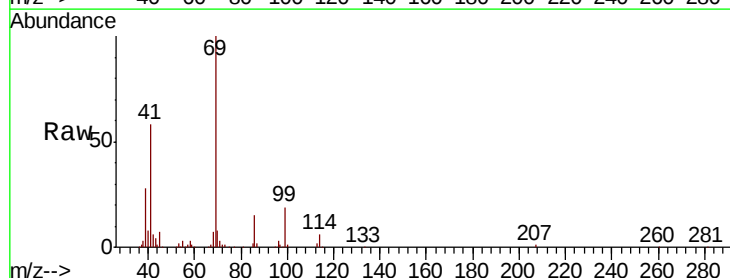
Tgt Ion: 69 Resp: 71729

Ion Ratio Lower Upper

69 100

41 58.5 47.0 70.4

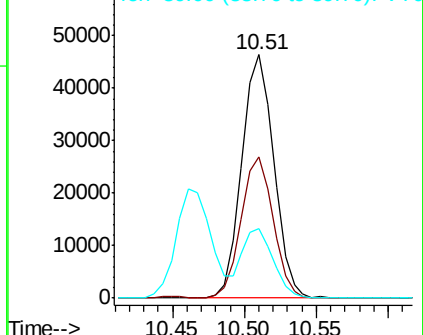
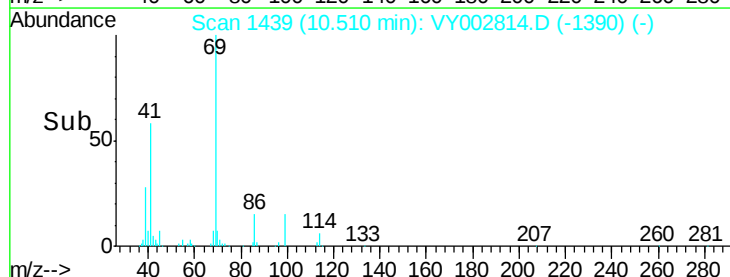
39 27.0 22.0 33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.415 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

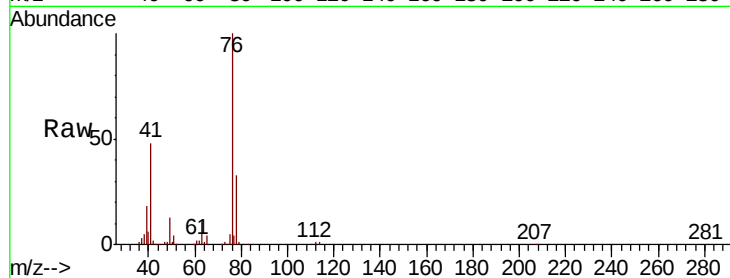
VY0602SBSD01

Tot Ion: 76 Resp: 90759

Ion Ratio Lower Upper

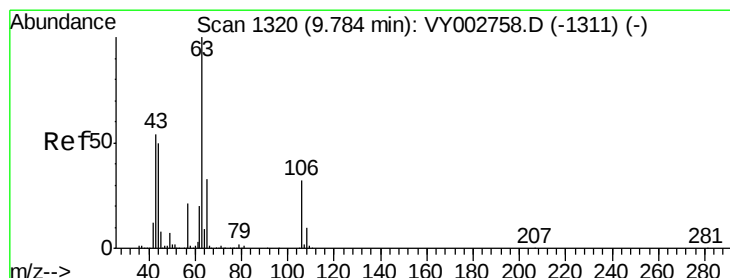
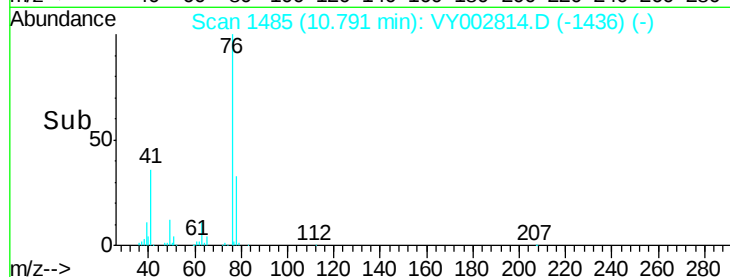
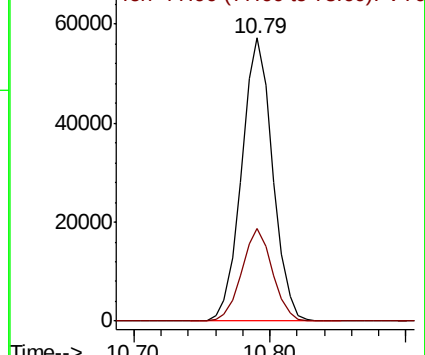
76 100

78 32.4 26.1 39.1



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: 103.735 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002814.D

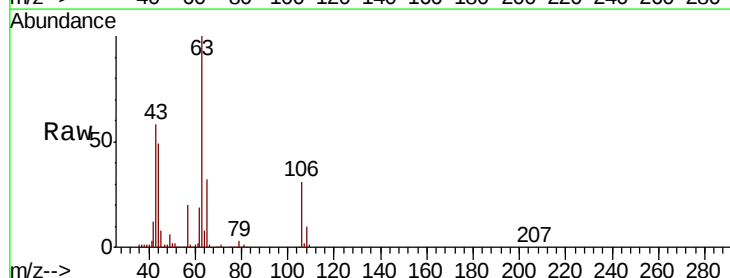
Acq: 02 Jun 2020 12:00

Tgt Ion: 63 Resp: 174935

Ion Ratio Lower Upper

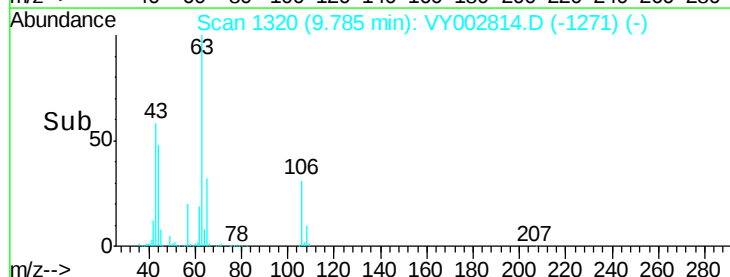
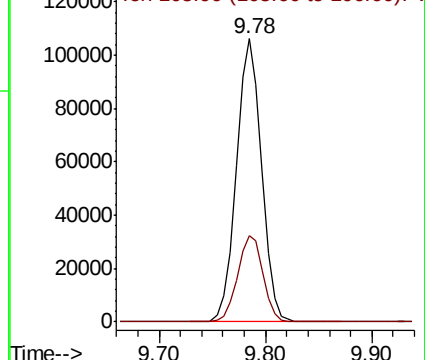
63 100

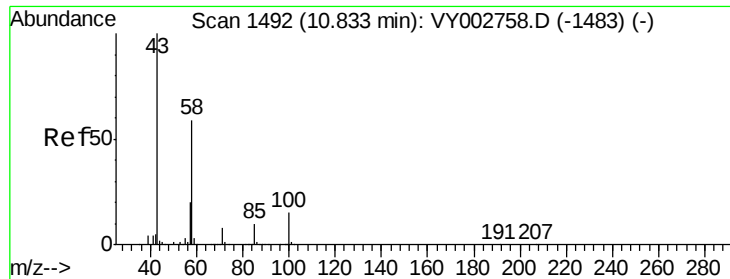
106 30.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

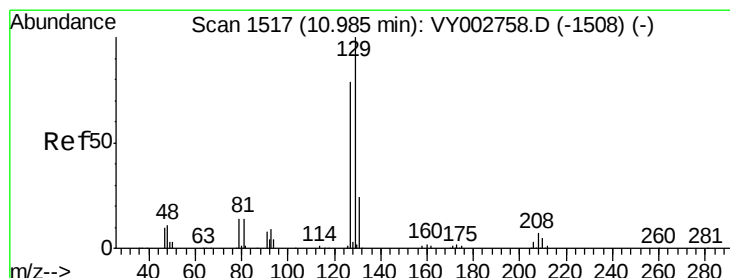
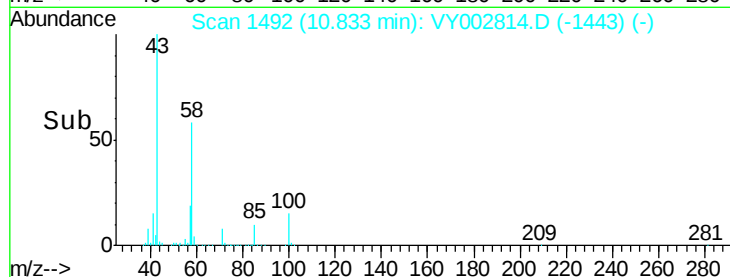
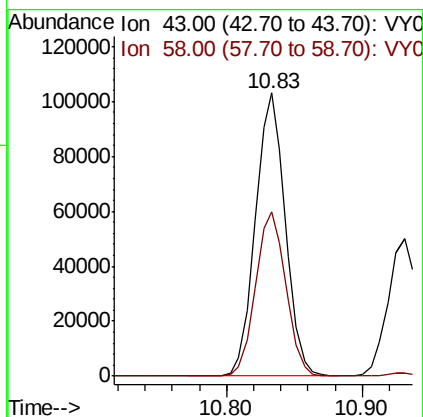
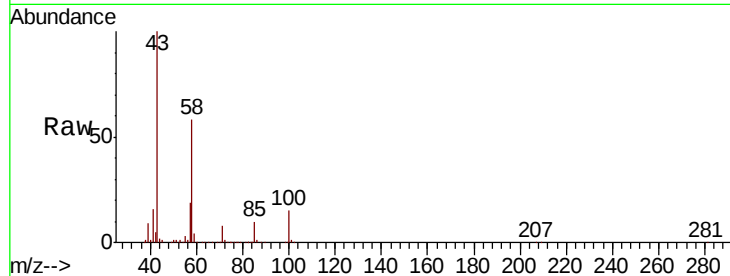




#59
2-Hexanone
Concen: 102.708 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

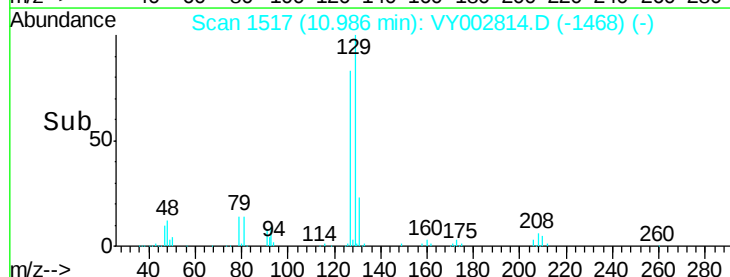
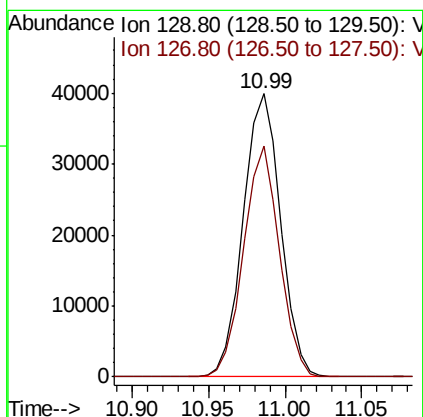
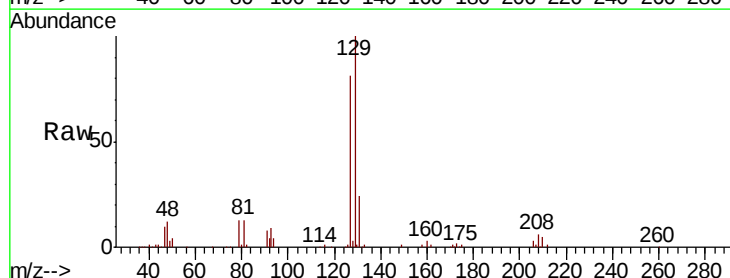
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

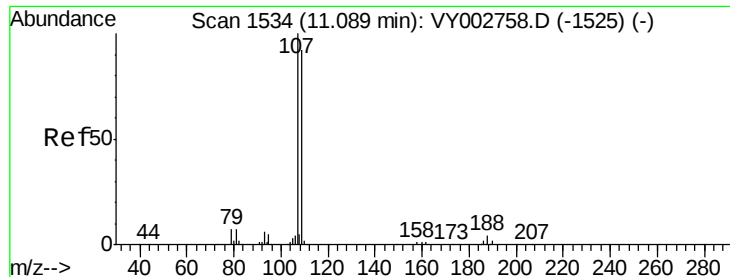
Tot Ion: 43 Resp: 159120
Ion Ratio Lower Upper
43 100
58 58.8 29.5 88.5



#60
Dibromochloromethane
Concen: 20.731 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 129 Resp: 67724
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

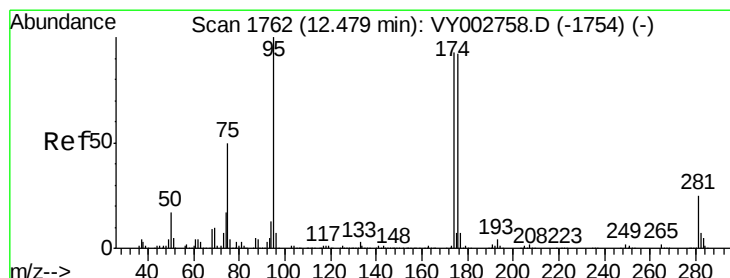
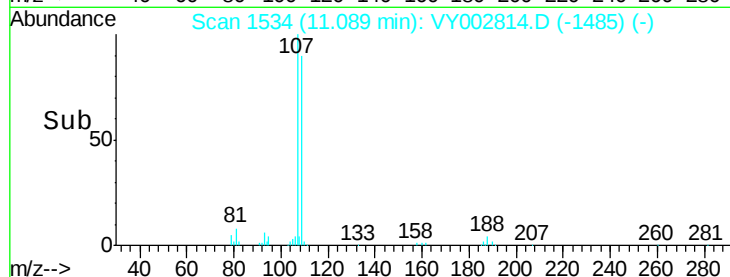
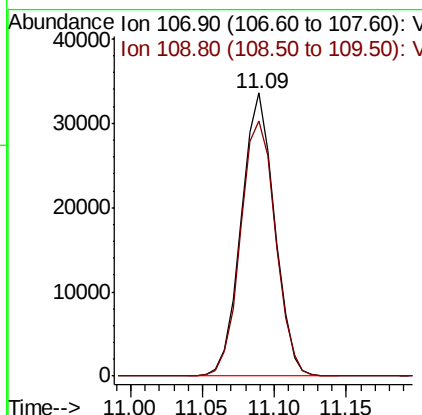
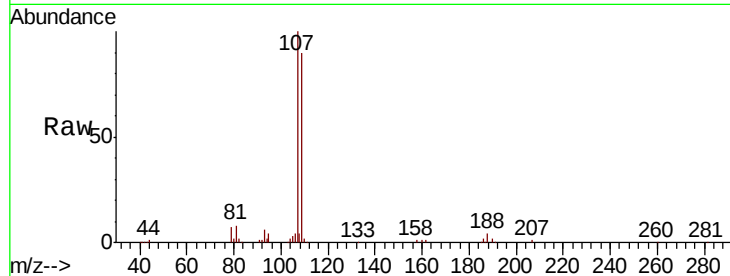




#61
 1,2-Dibromoethane
 Concen: 21.157 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

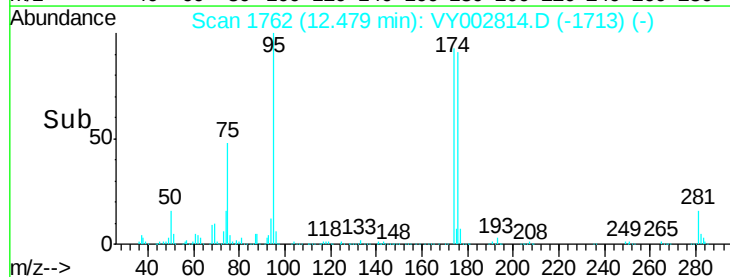
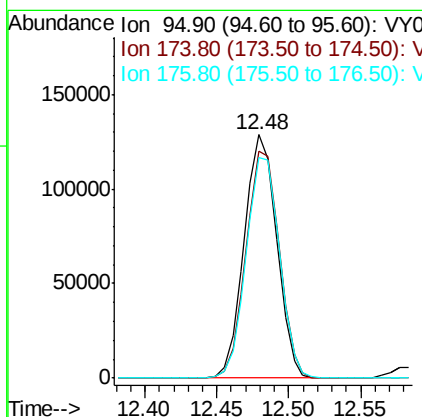
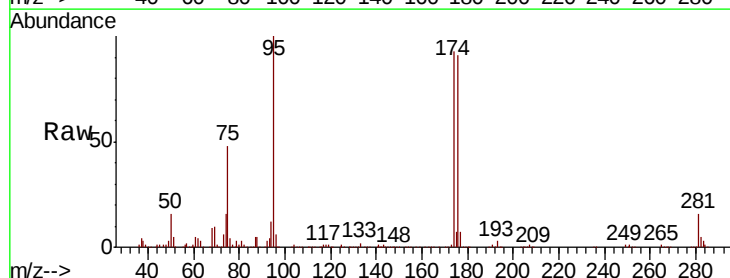
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

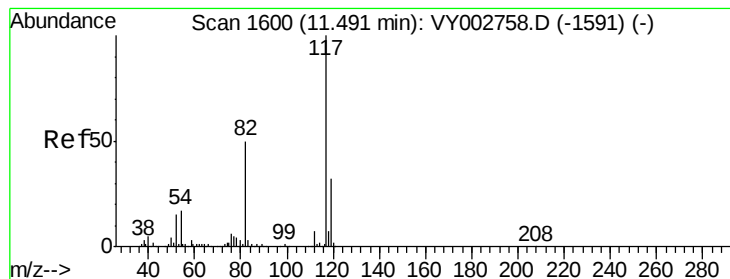
Tot Ion:107 Resp: 53777
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.455 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion: 95 Resp: 201676
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 191.2
 176 92.6 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

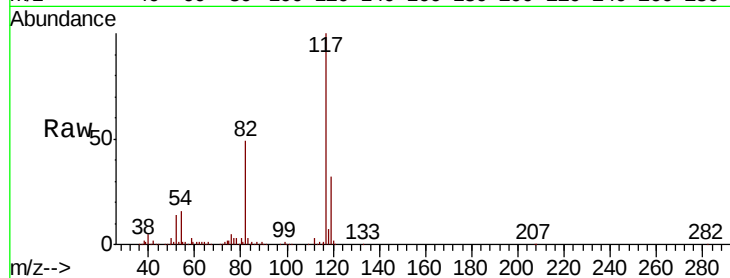
Tot Ion:117 Resp: 440330

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

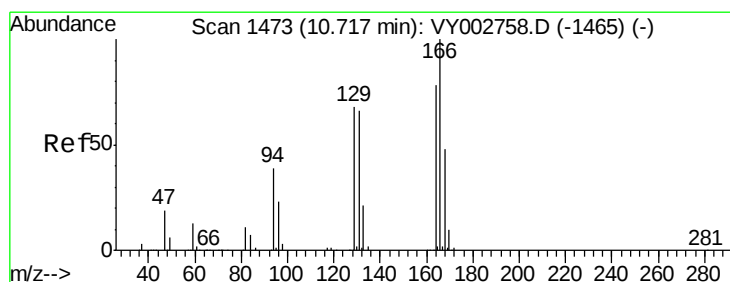
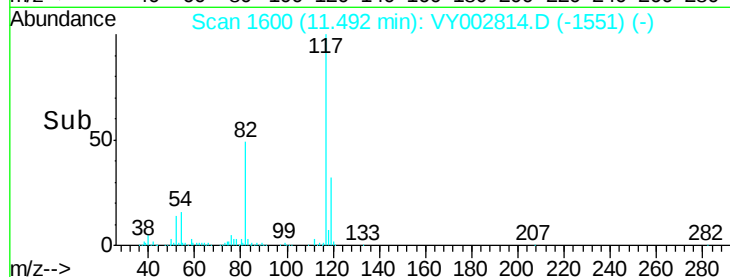
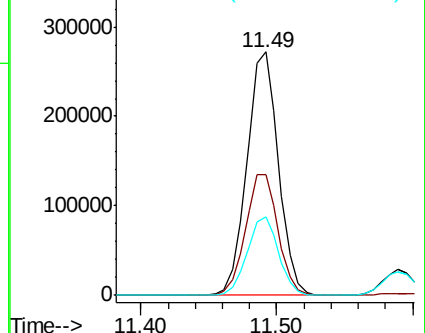
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.853 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion:164 Resp: 83452

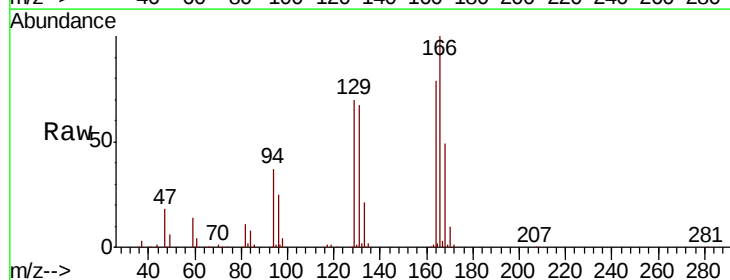
Ion Ratio Lower Upper

164 100

166 127.3 102.3 153.5

129 88.9 69.4 104.2

131 85.8 67.8 101.6

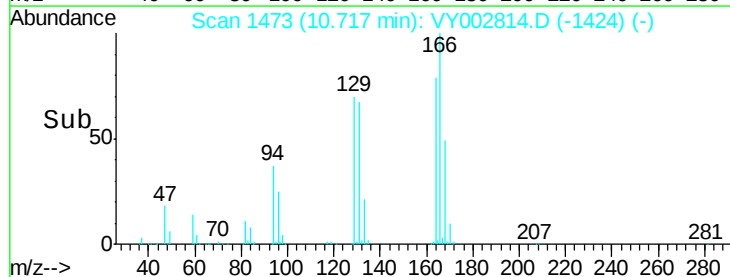
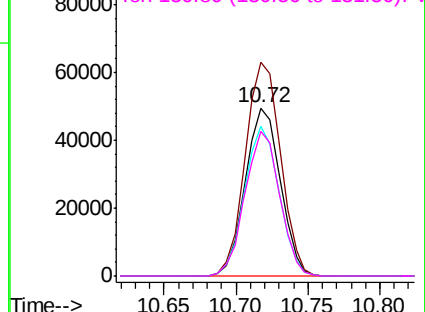


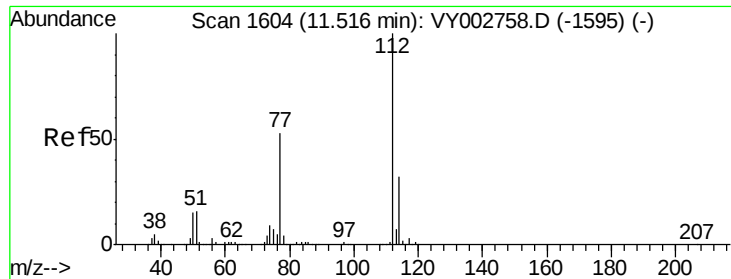
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

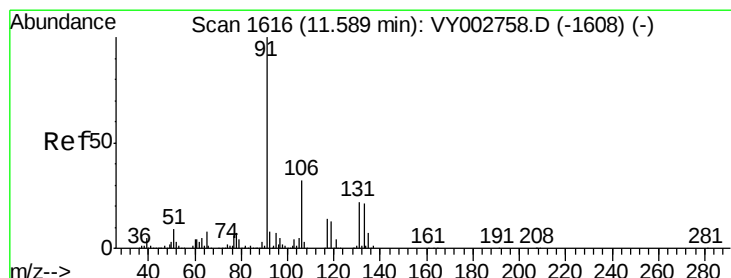
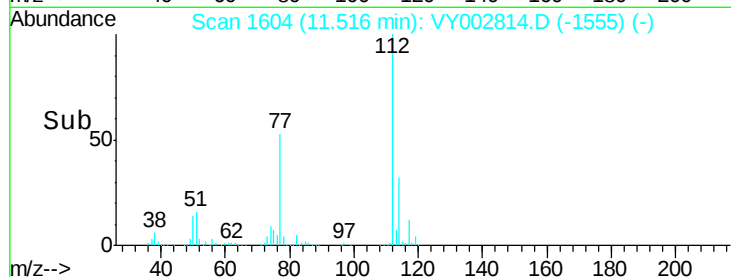
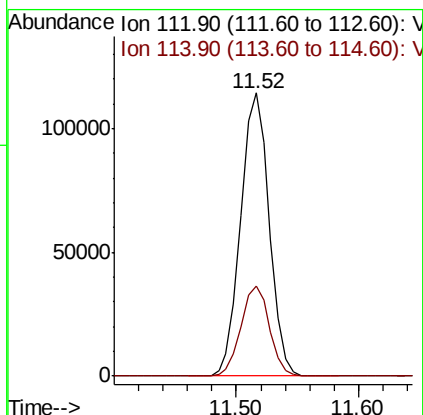
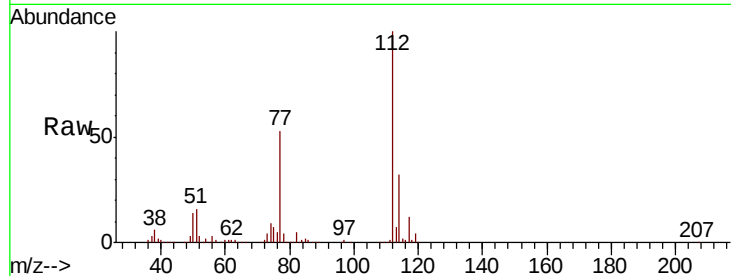




#65
Chlorobenzene
Concen: 21.253 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

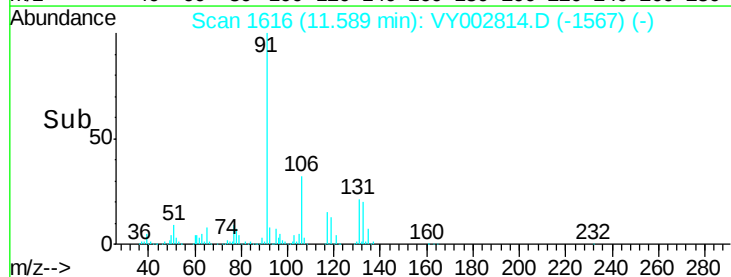
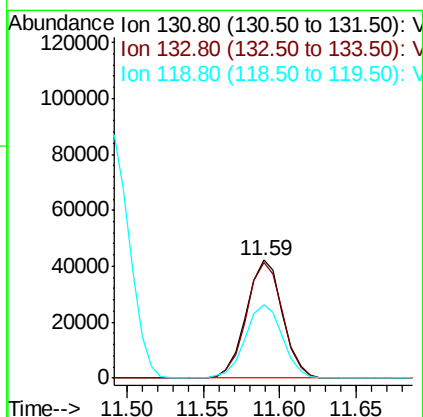
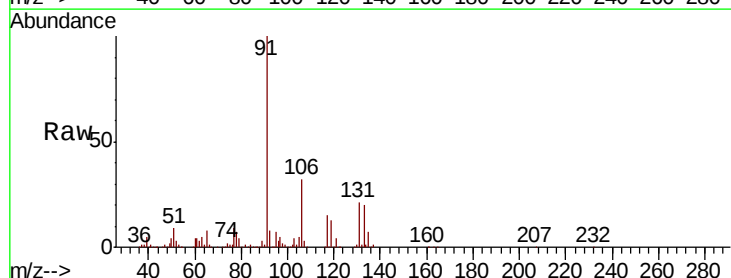
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion:112 Resp: 184965
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.232 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion:131 Resp: 69595
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.8
119 63.7 31.7 95.1

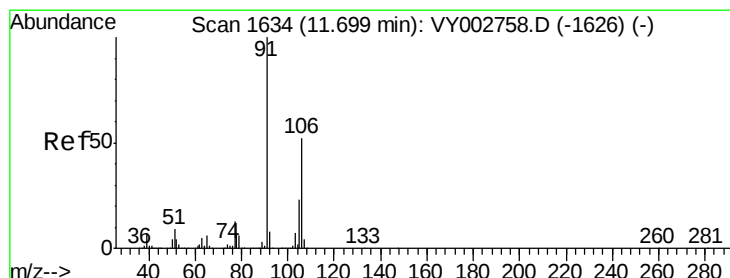
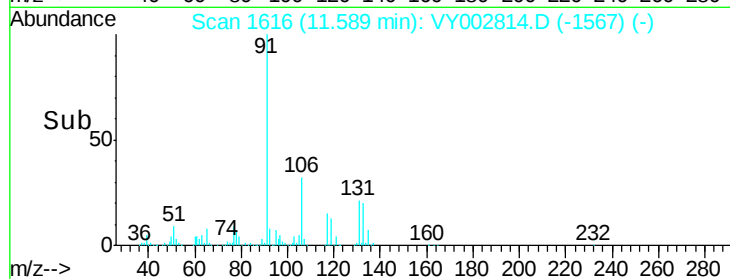
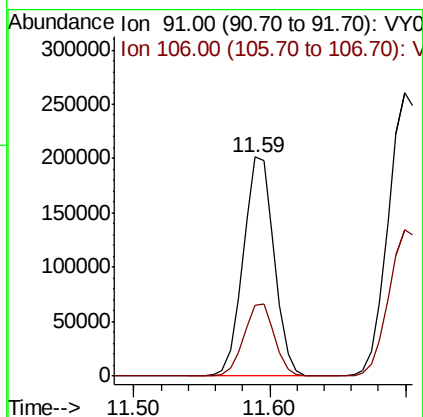
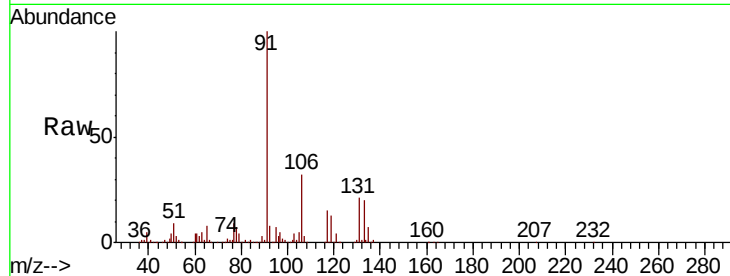




#67
Ethyl Benzene
Concen: 21.168 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

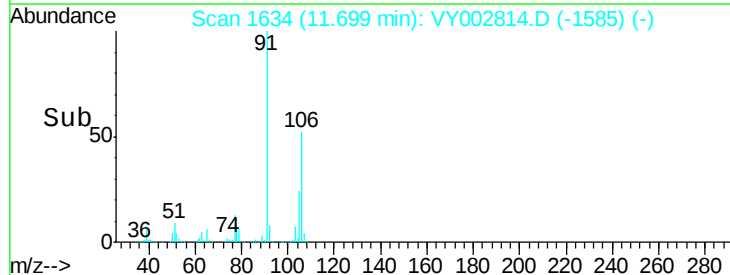
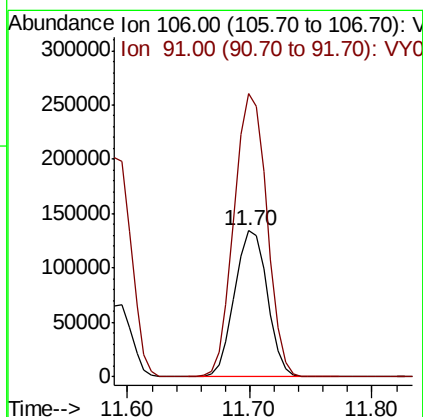
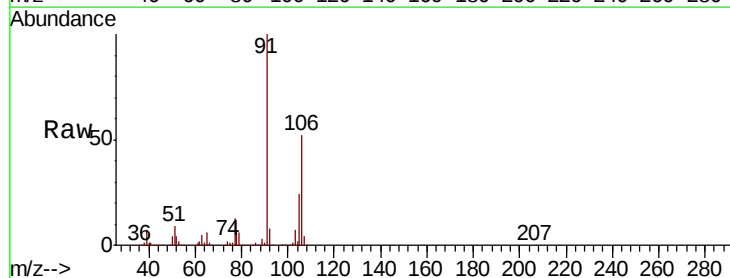
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

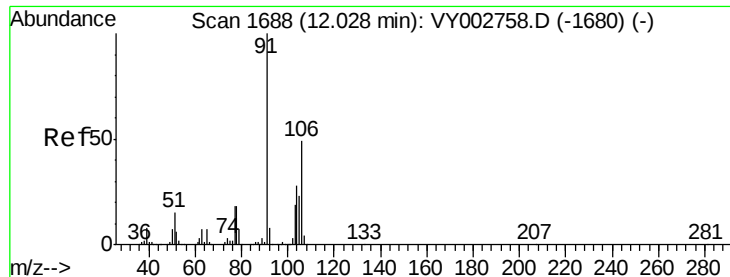
Tot Ion: 91 Resp: 319389
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 42.873 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 106 Resp: 250800
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0

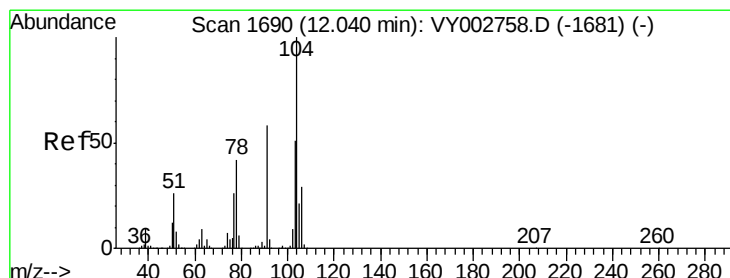
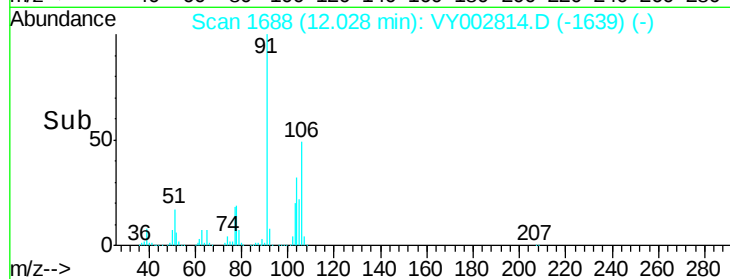
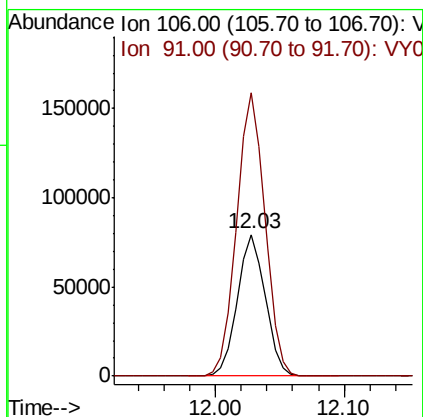
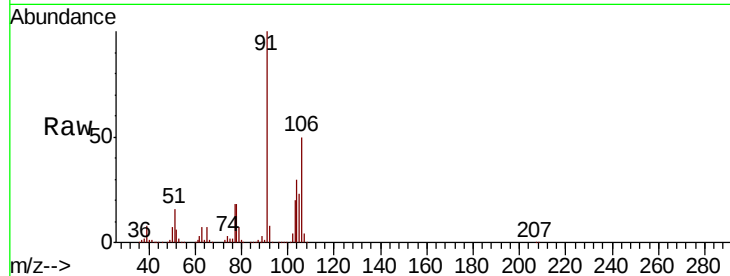




#69
o-Xylene
Concen: 21.594 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

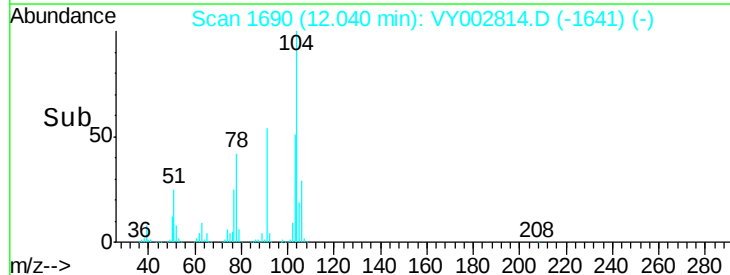
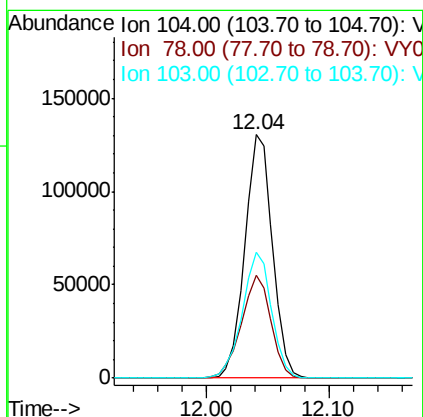
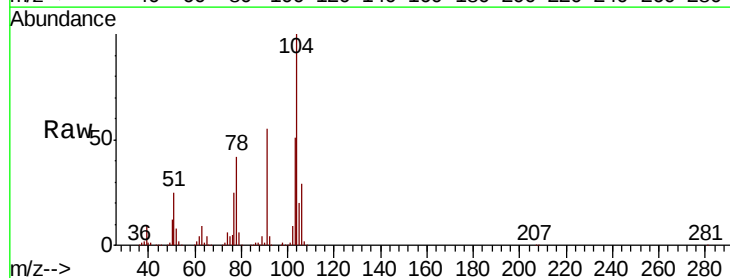
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

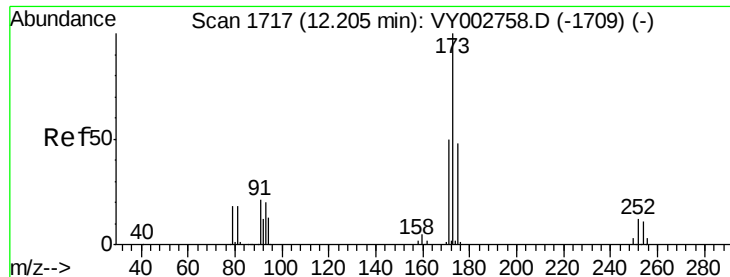
Tot Ion:106 Resp: 119251
Ion Ratio Lower Upper
106 100
91 203.1 102.4 307.1



#70
Styrene
Concen: 21.383 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion:104 Resp: 204704
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.6 43.6 65.4

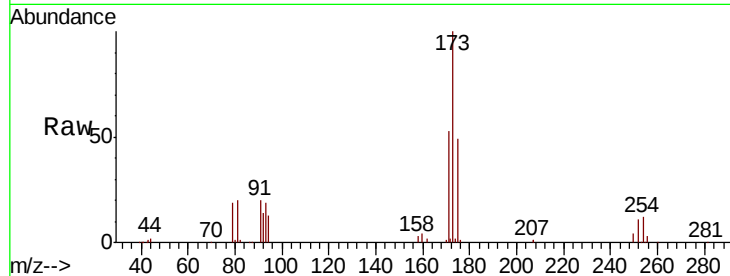




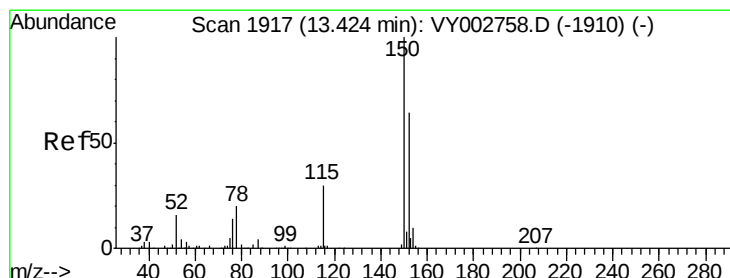
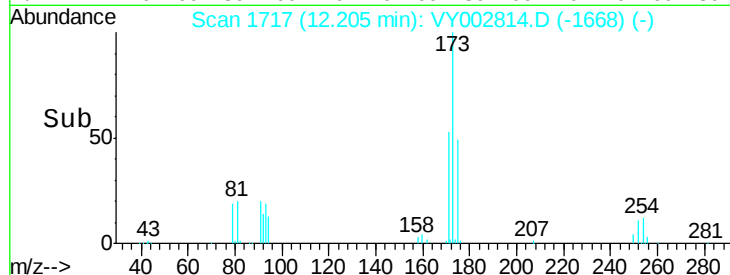
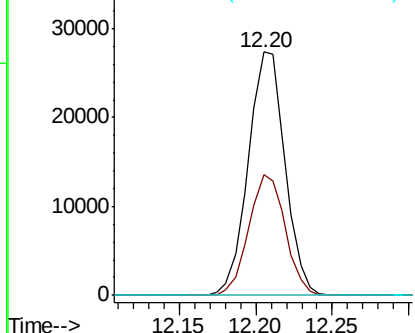
#71
Bromoform
Concen: 20.852 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion:173 Resp: 45734
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.1 0.1 0.1#

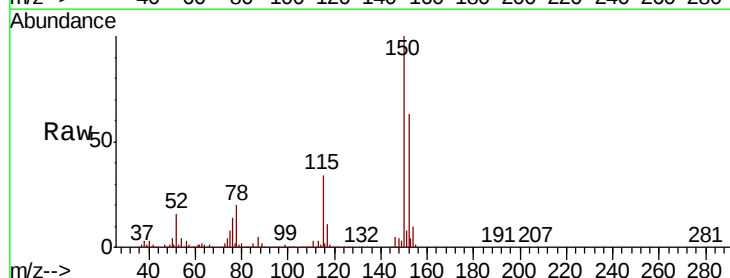


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

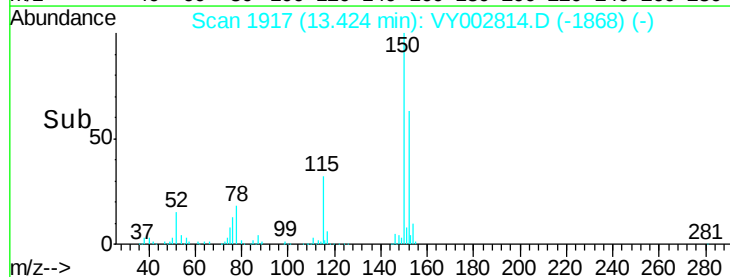
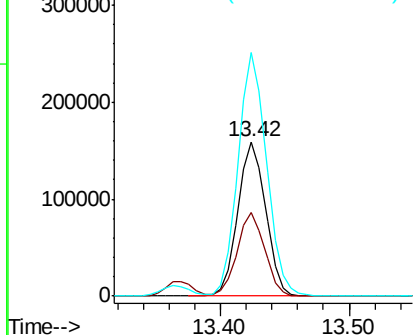


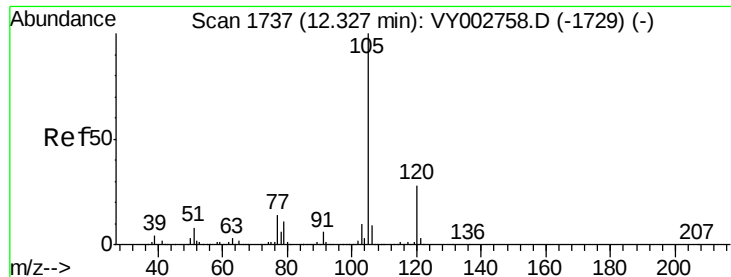
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion:152 Resp: 238288
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 162.0 0.0 344.8



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: 21.085 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

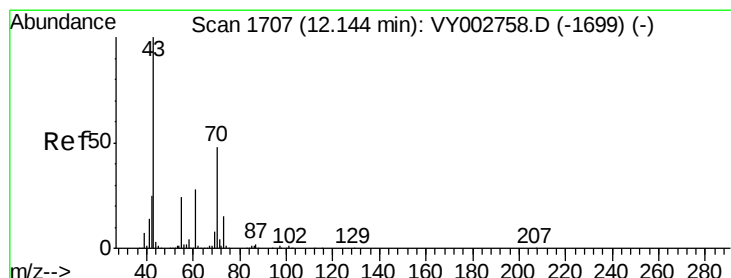
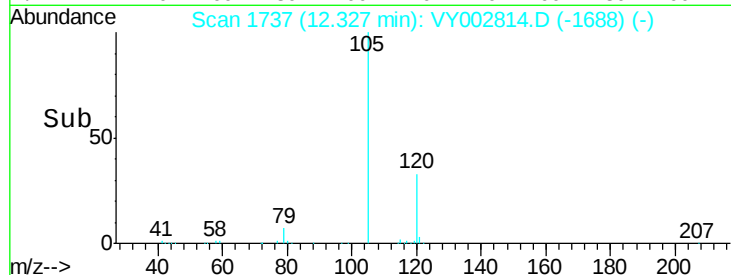
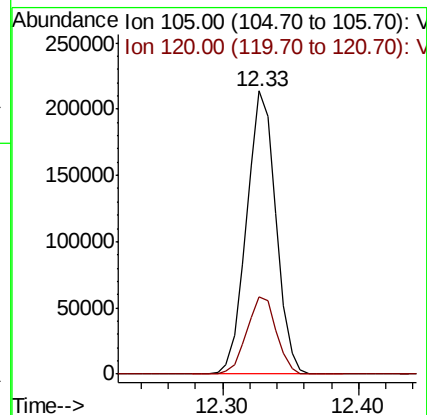
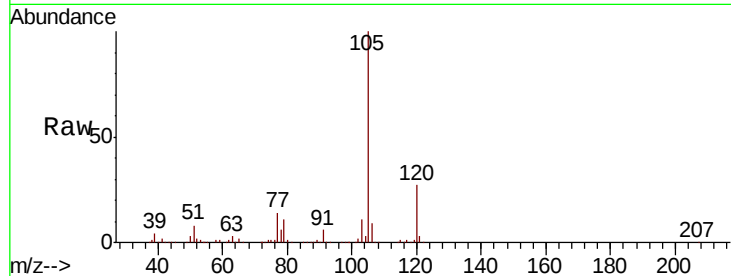
VY0602SBSD01

Tot Ion:105 Resp: 321975

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#74

N-ethyl acetate

Concen: 20.423 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Tgt Ion: 43 Resp: 80019

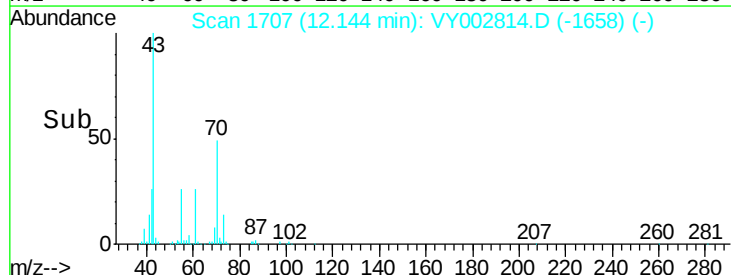
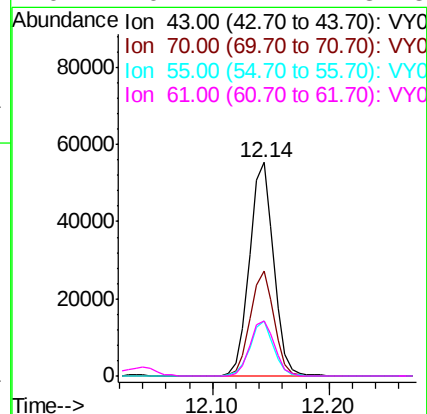
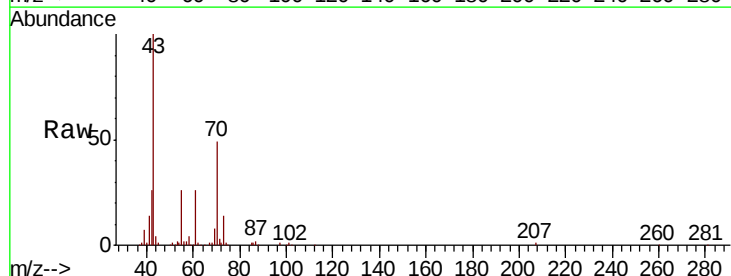
Ion Ratio Lower Upper

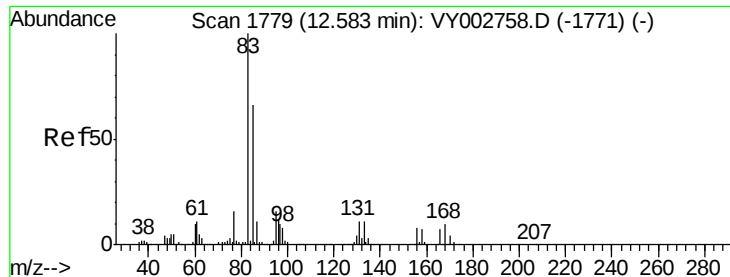
43 100

70 48.5 37.7 56.5

55 25.2 19.8 29.6

61 26.4 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

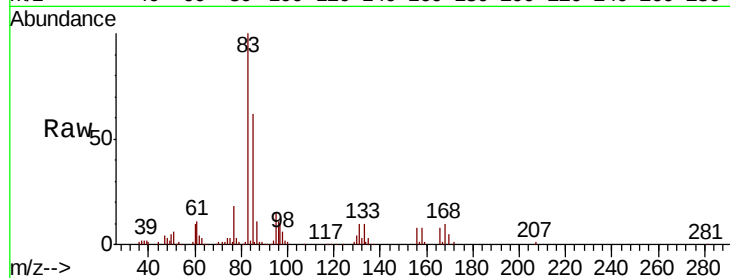
Tot Ion: 83 Resp: 56999

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

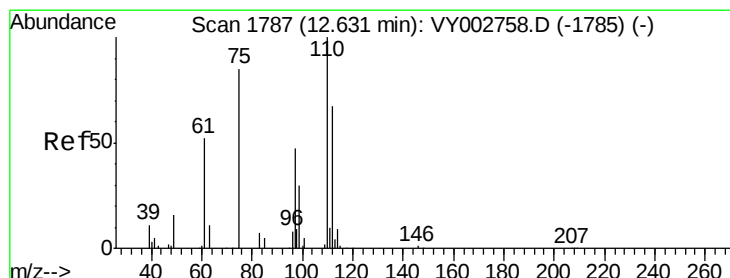
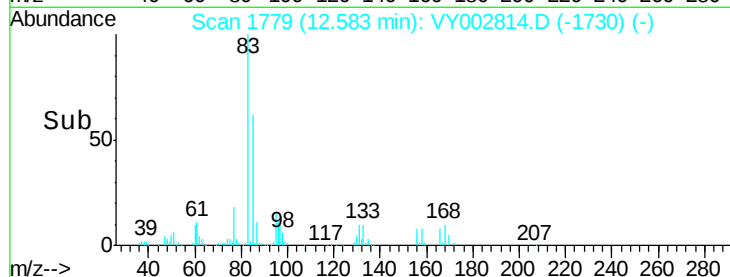
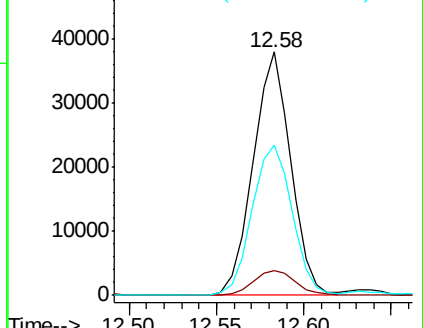
85 65.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.943 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002814.D

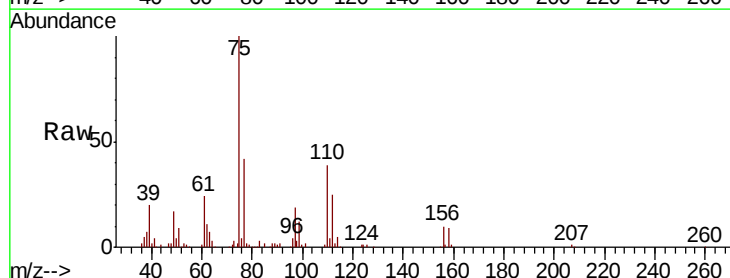
Acq: 02 Jun 2020 12:00

Tgt Ion: 75 Resp: 83615

Ion Ratio Lower Upper

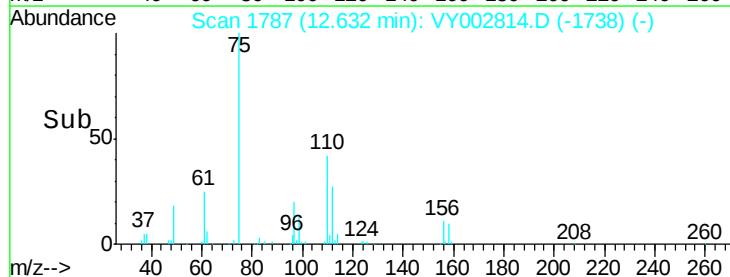
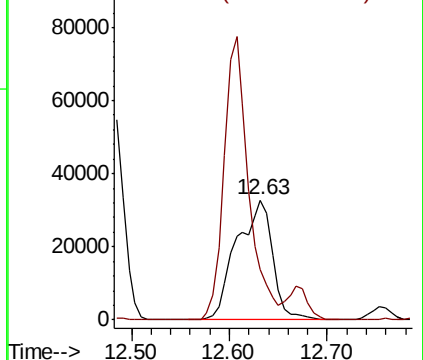
75 100

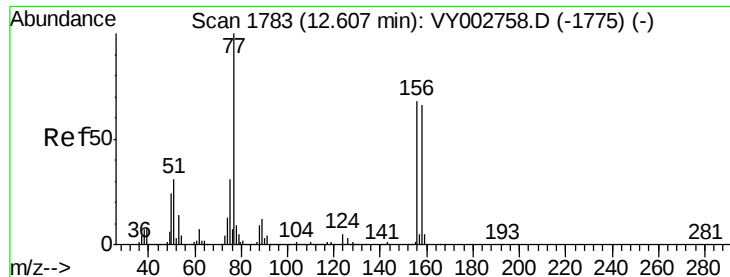
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.709 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

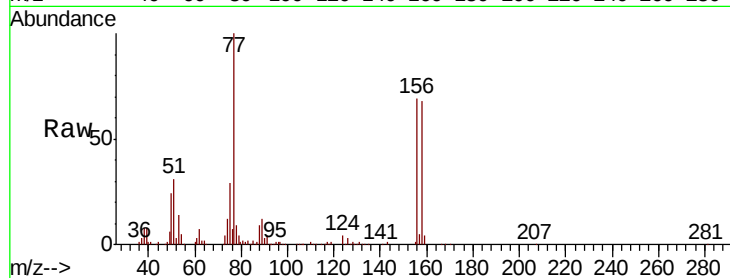
Tot Ion:156 Resp: 82344

Ion Ratio Lower Upper

156 100

77 164.7 81.4 244.2

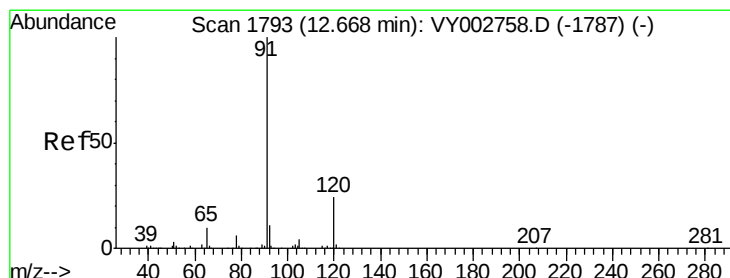
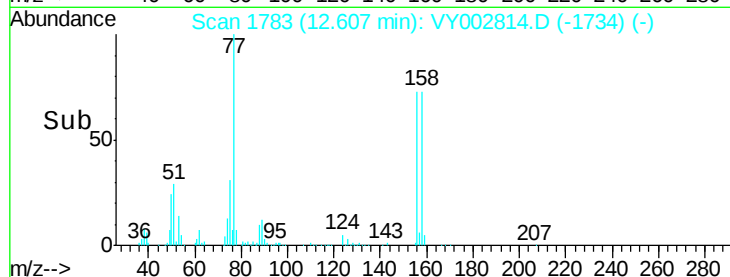
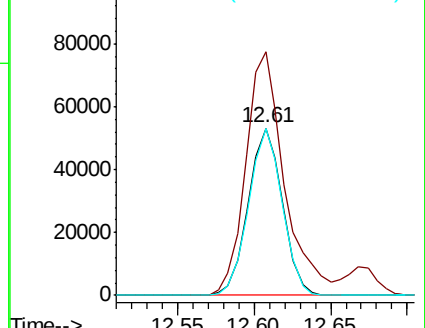
158 98.1 48.5 145.6



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: 21.342 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002814.D

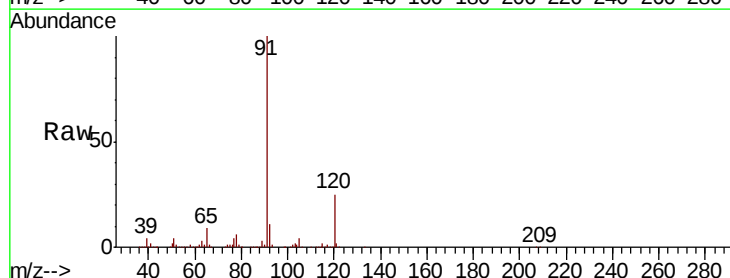
Acq: 02 Jun 2020 12:00

Tgt Ion: 91 Resp: 376451

Ion Ratio Lower Upper

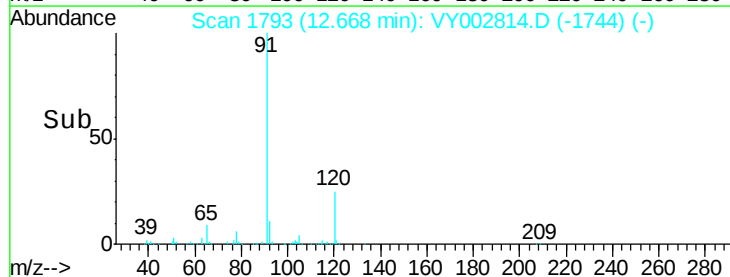
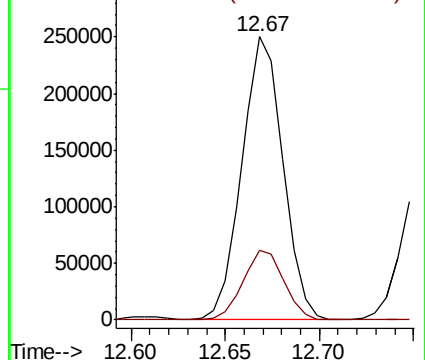
91 100

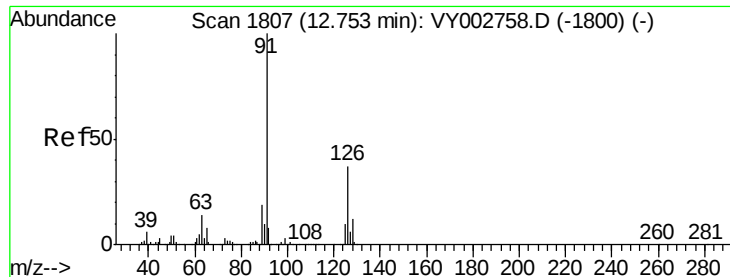
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

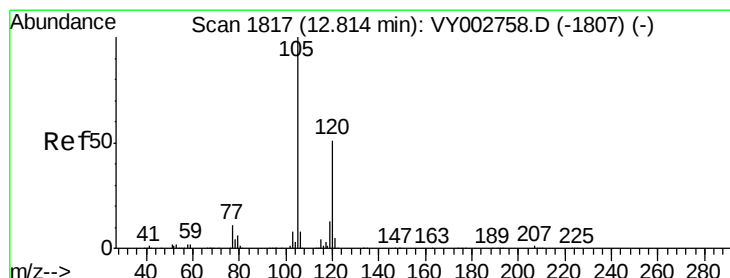
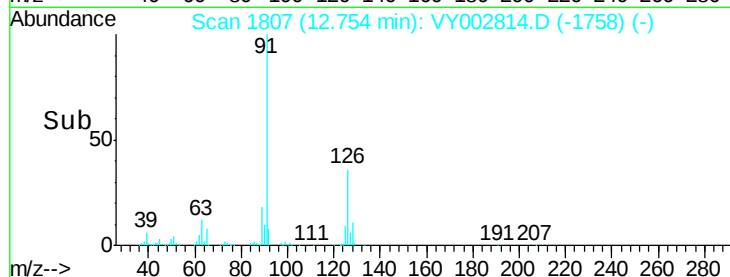
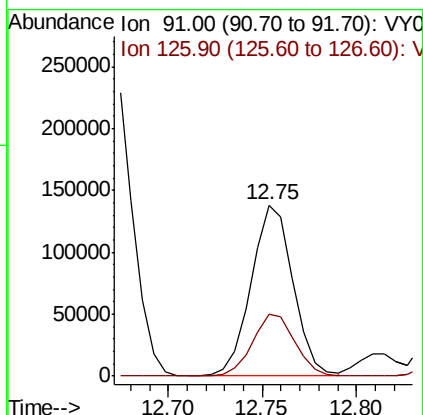
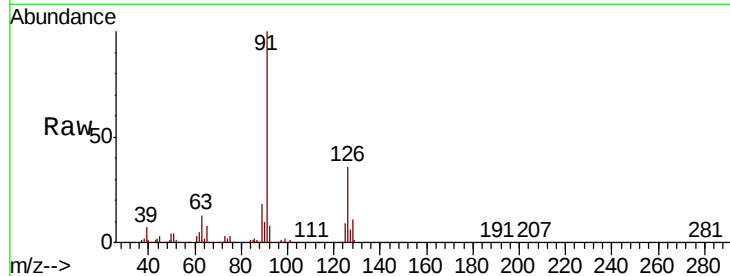




#79
 2-Chlorotoluene
 Concen: 21.446 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

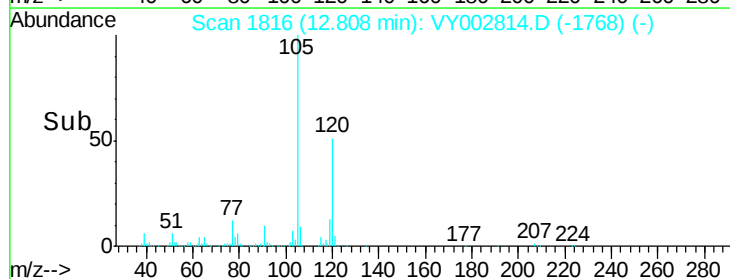
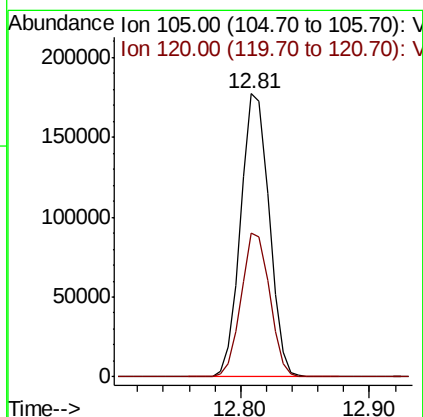
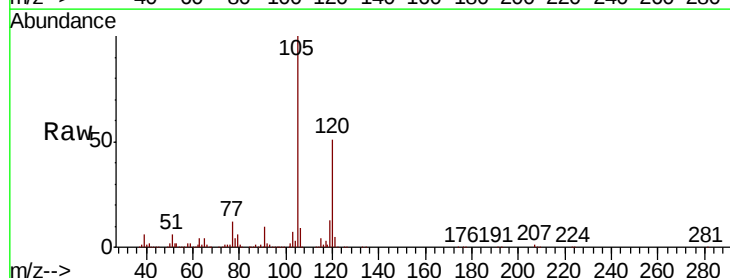
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

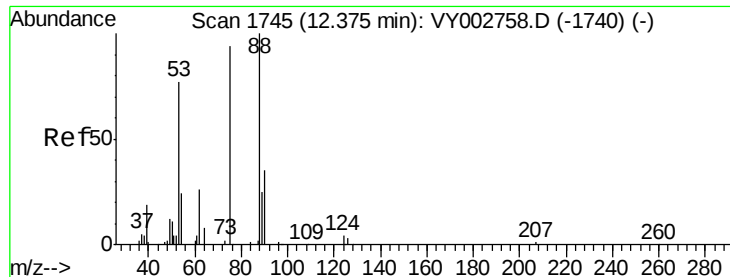
Tot Ion: 91 Resp: 212204
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.297 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion: 105 Resp: 271535
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.038 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

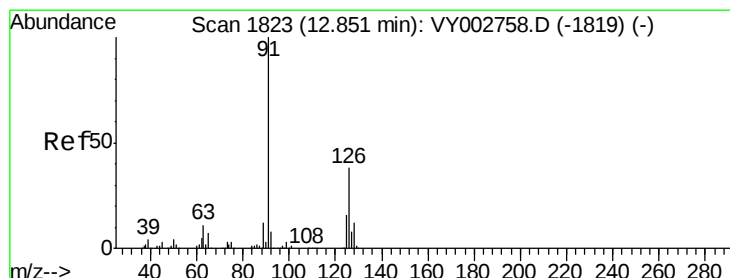
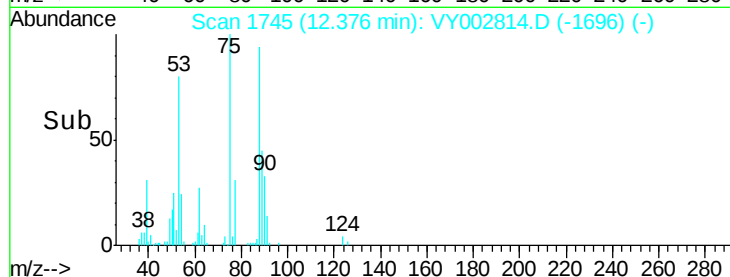
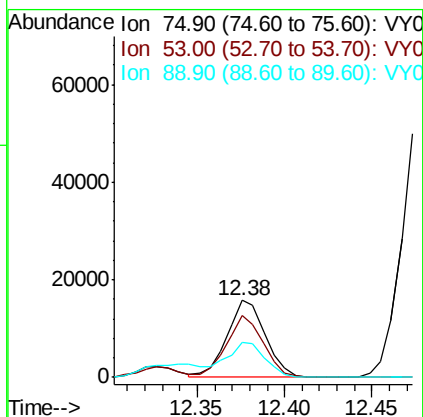
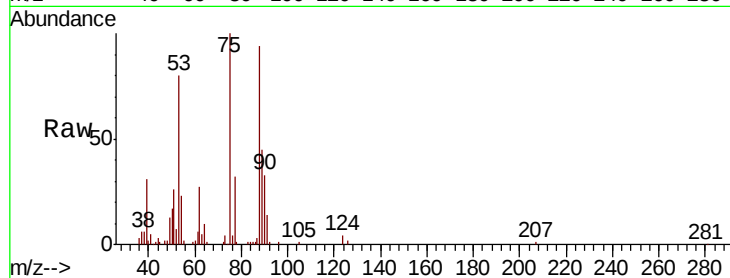
Tot Ion: 75 Resp: 23976

Ion Ratio Lower Upper

75 100

53 77.7 64.0 96.0

89 44.8 37.4 56.2



#82

4-Chlorotoluene

Concen: 21.128 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002814.D

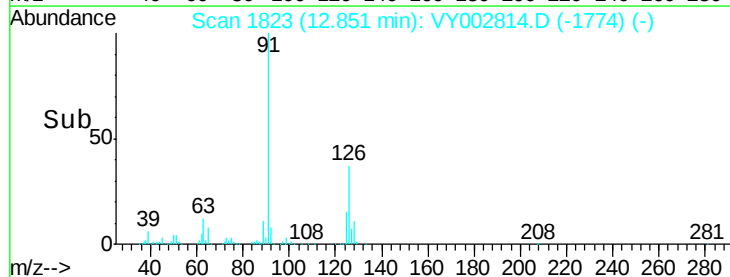
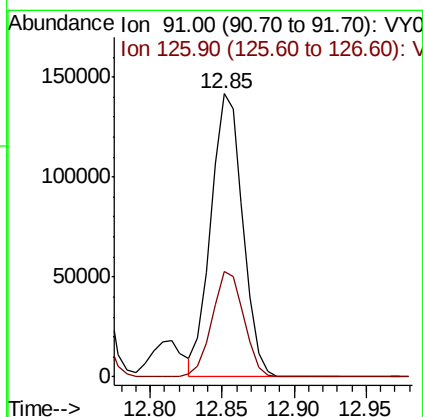
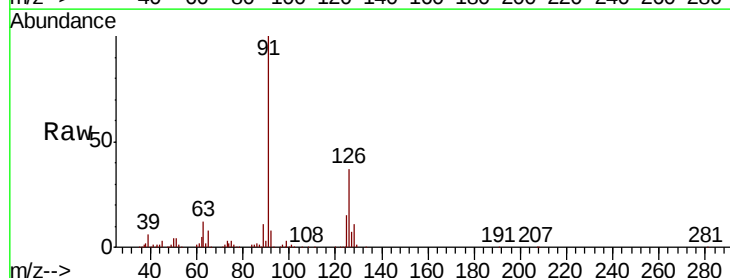
Acq: 02 Jun 2020 12:00

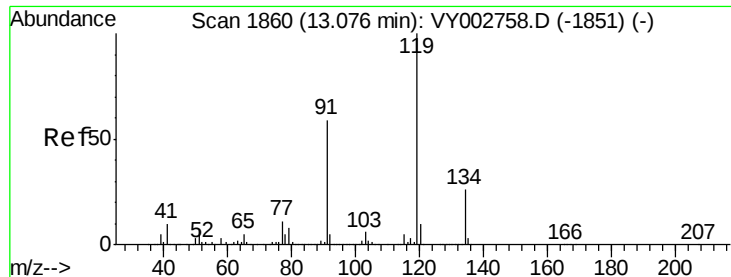
Tgt Ion: 91 Resp: 219034

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5

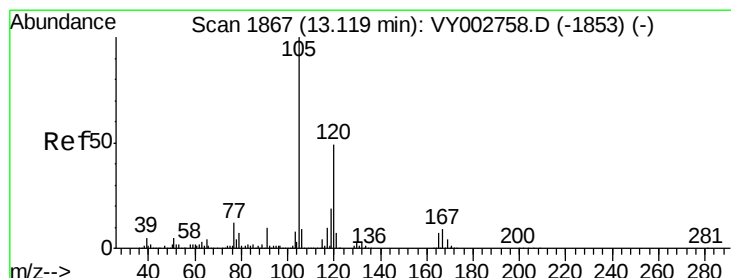
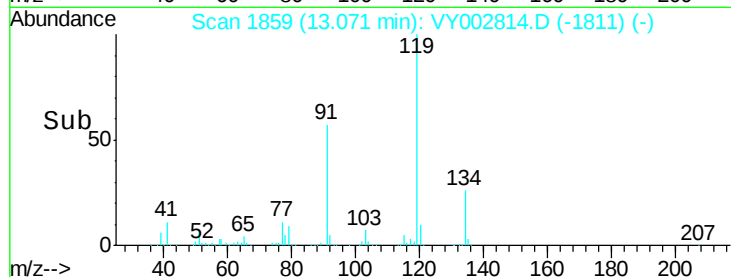
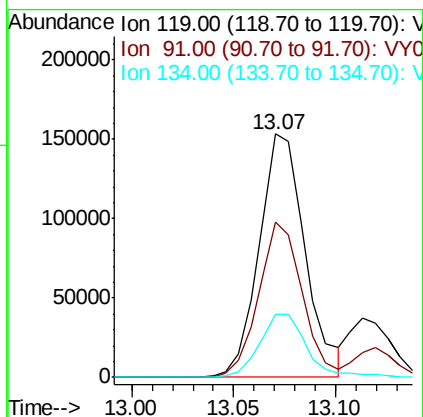
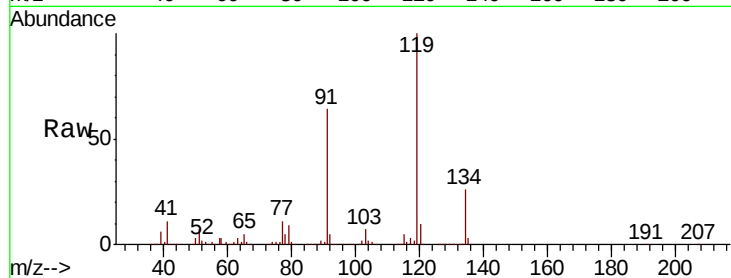




#83
 tert-Butylbenzene
 Concen: 21.239 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

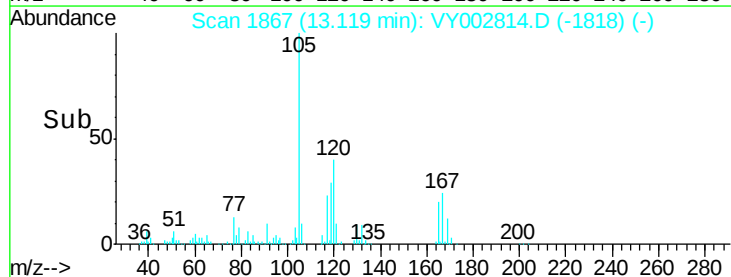
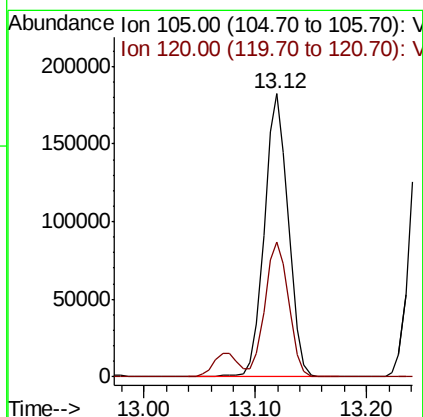
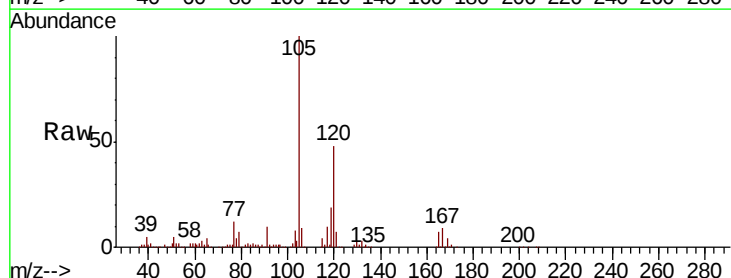
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

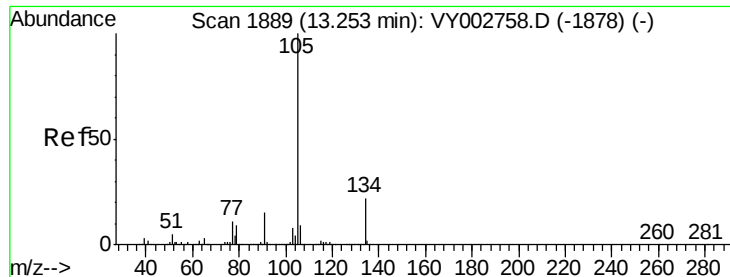
Tot Ion:119 Resp: 241562
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.8 89.4
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.307 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion:105 Resp: 273159
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.222 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

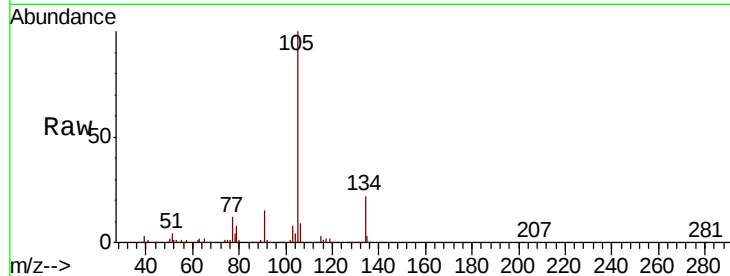
VY0602SBSD01

Tot Ion:105 Resp: 330022

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

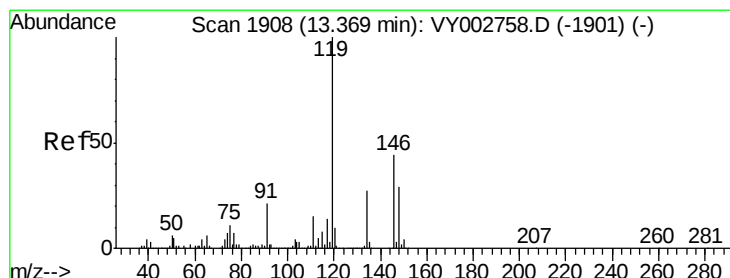
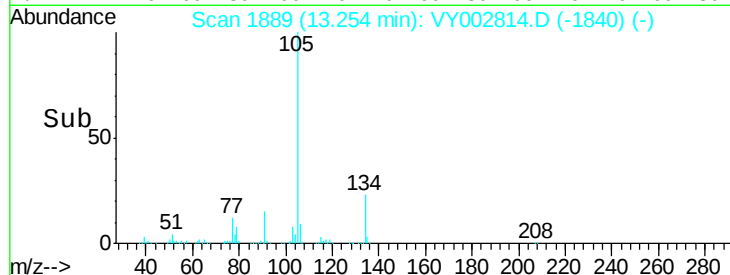
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.578 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002814.D

Acq: 02 Jun 2020 12:00

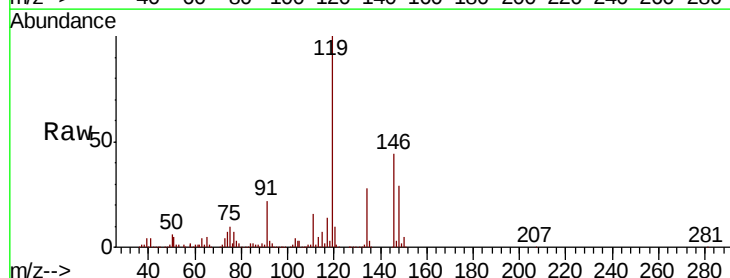
Tgt Ion:119 Resp: 312233

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

91 21.6 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

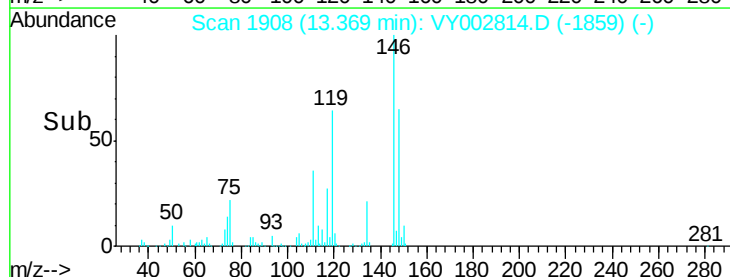
150000

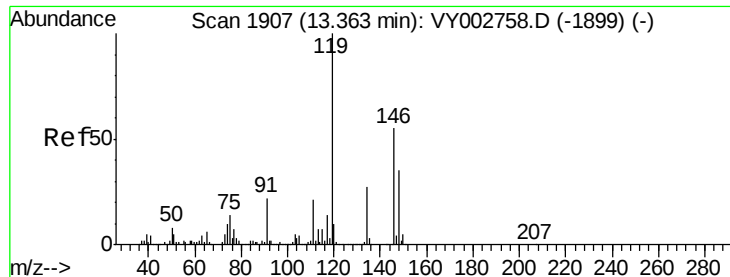
100000

50000

0

Time-->

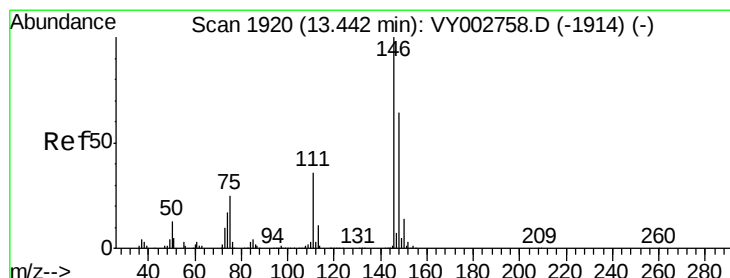
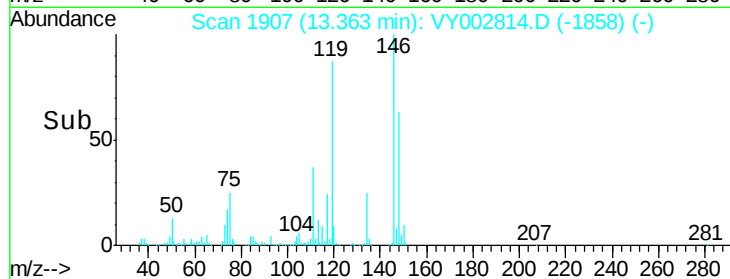
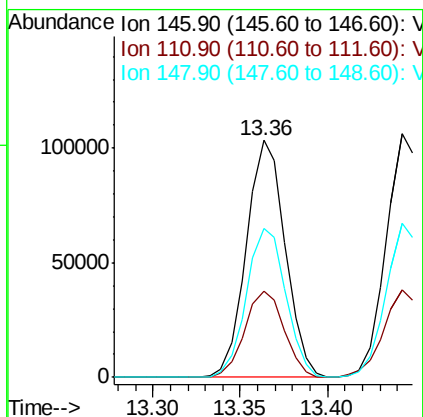
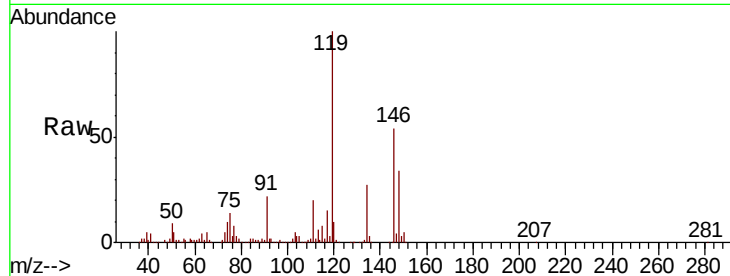




#87
 1,3-Dichlorobenzene
 Concen: 21.194 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

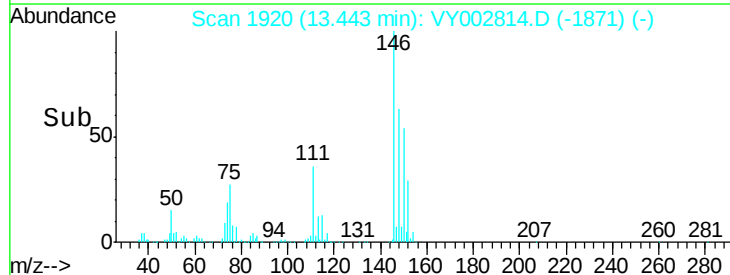
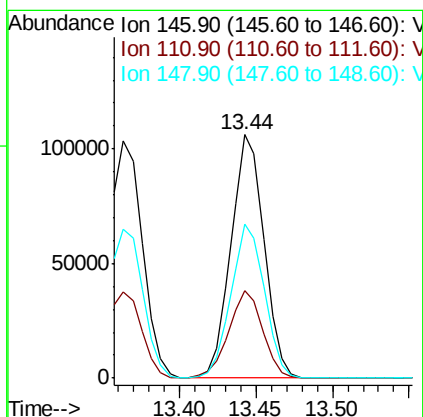
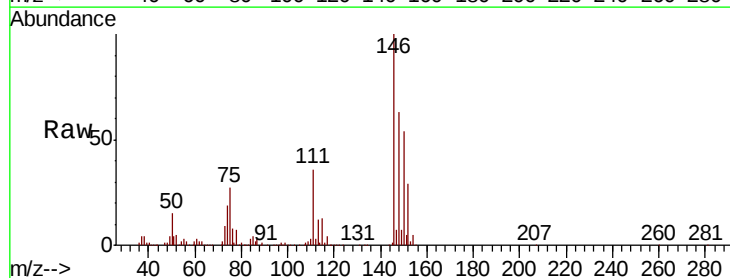
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

Tot Ion:146 Resp: 159630
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.151 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion:146 Resp: 159356
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 63.9 32.1 96.3

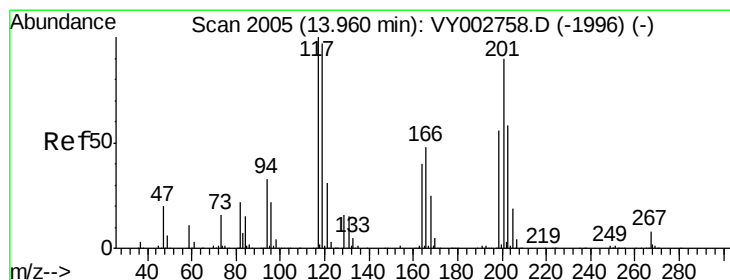
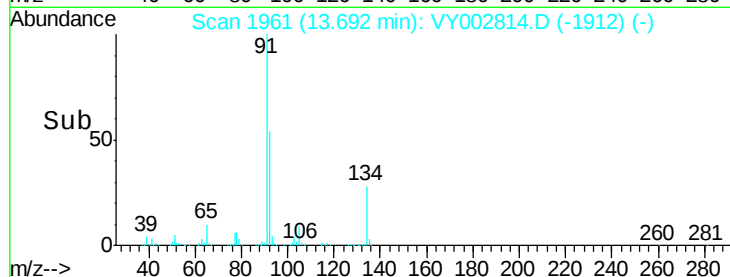
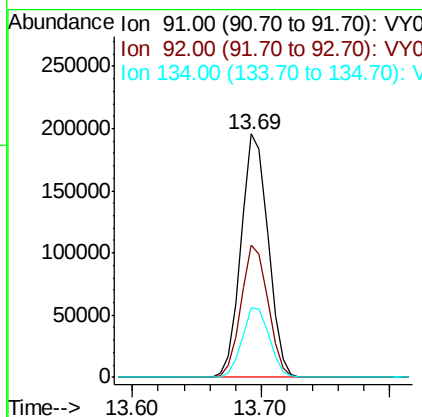
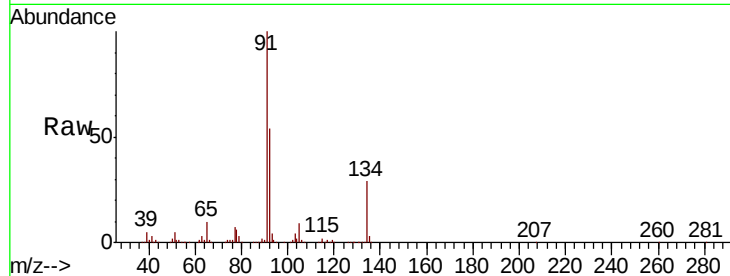




#89
n-Butylbenzene
Concen: 21.596 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

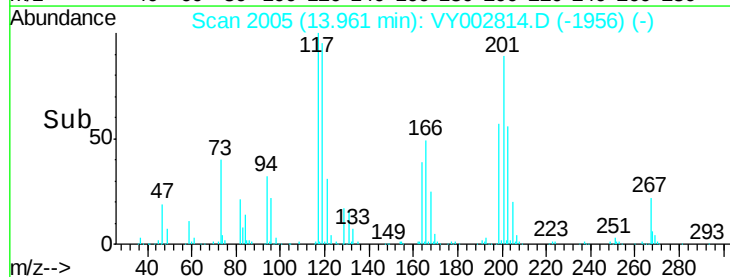
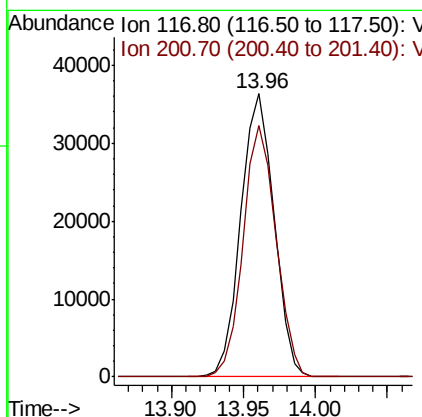
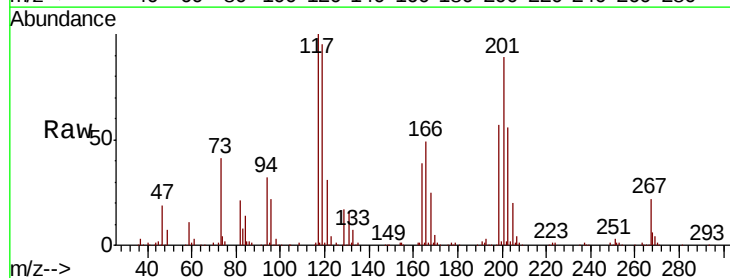
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

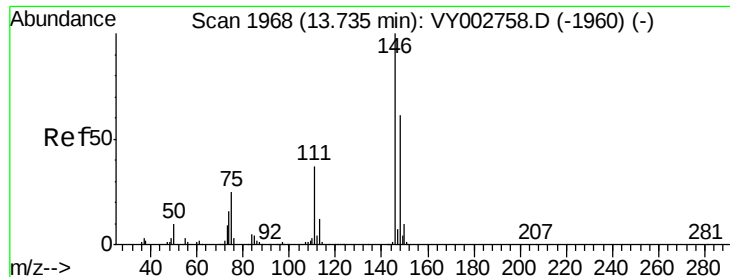
Tot Ion: 91 Resp: 283718
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 21.492 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion: 117 Resp: 58221
Ion Ratio Lower Upper
117 100
201 87.5 43.9 131.6

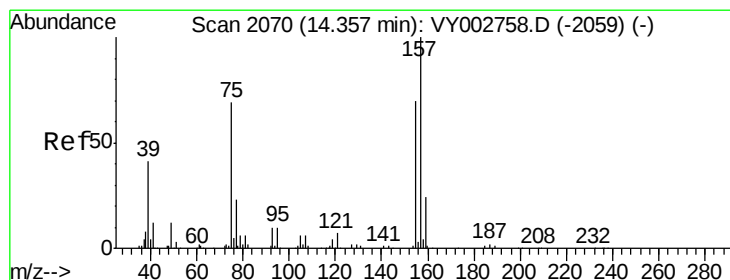
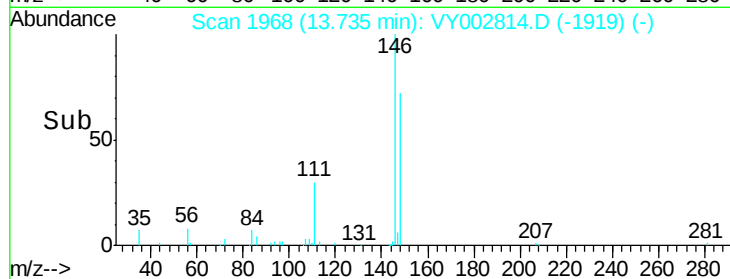
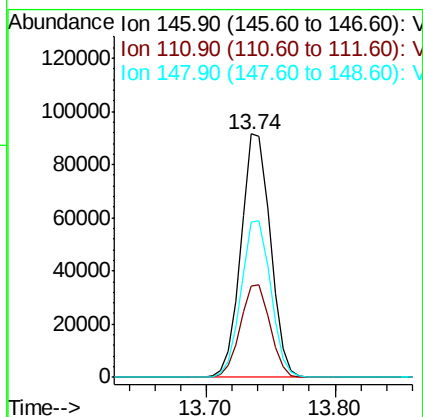
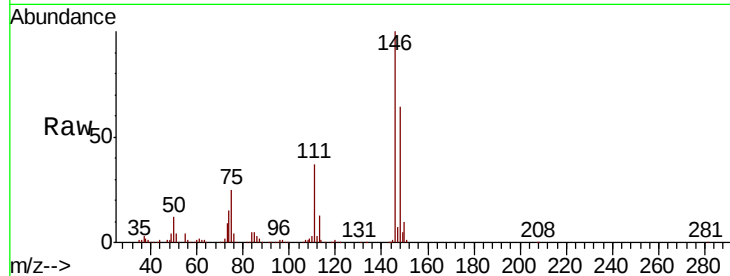




#91
 1,2-Dichlorobenzene
 Concen: 21.094 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

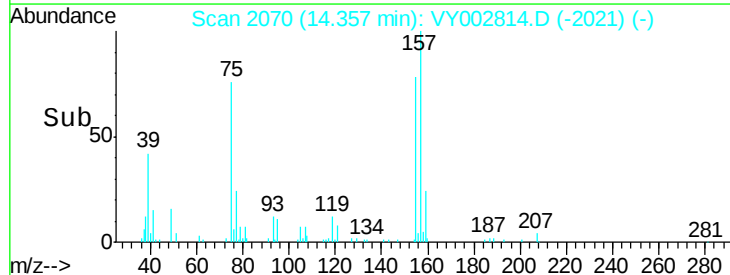
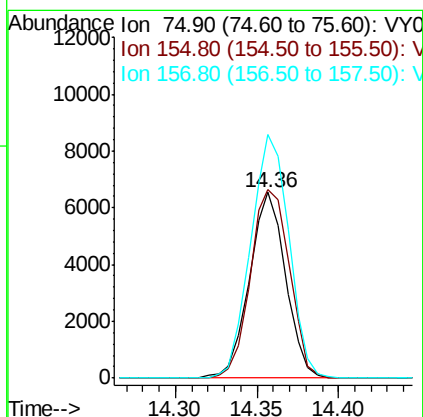
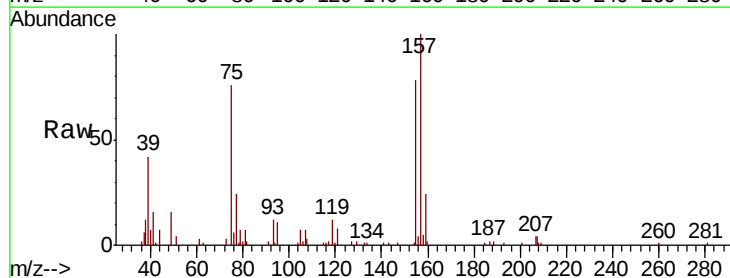
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

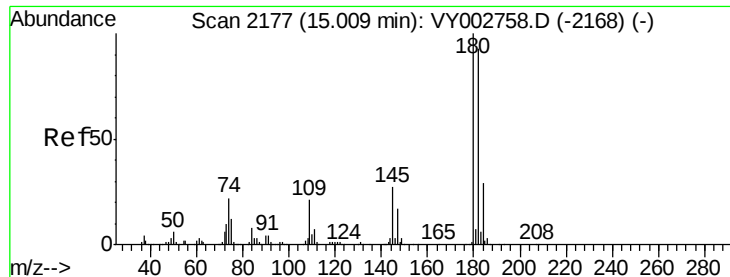
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.663 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.2	53.5	160.5
157	137.8	69.9	209.7

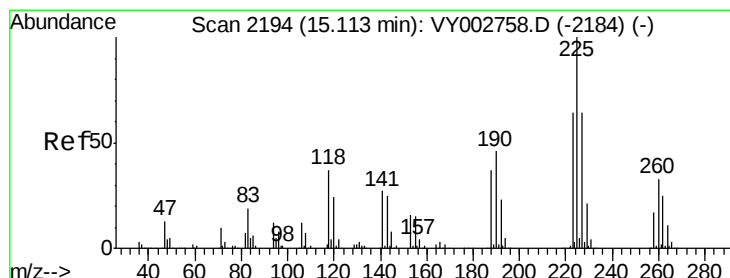
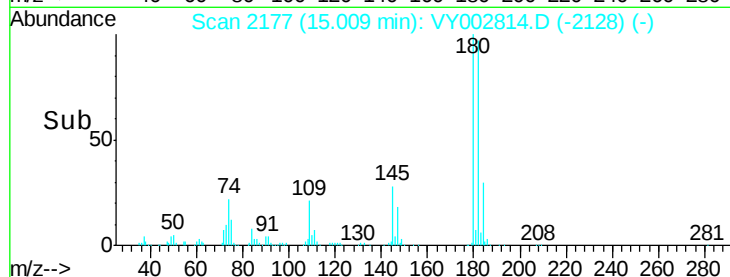
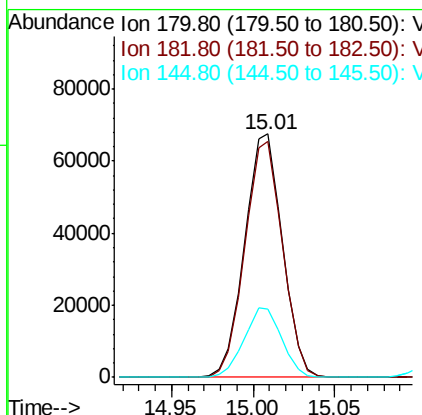
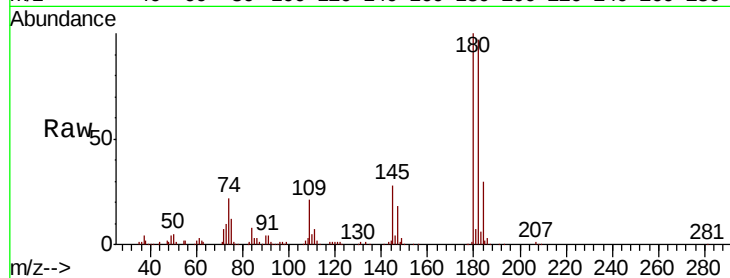




#93
 1,2,4-Trichlorobenzene
 Concen: 21.130 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

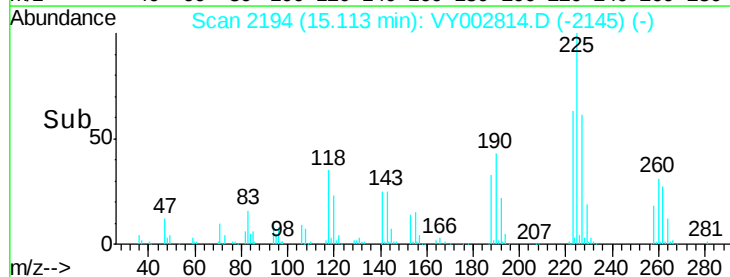
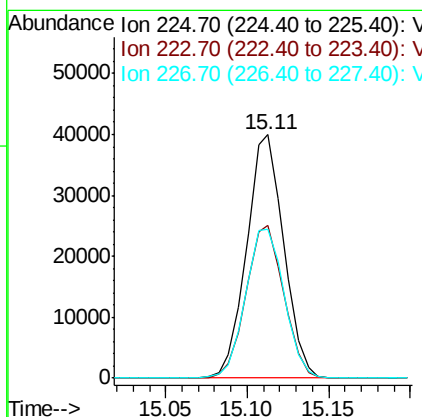
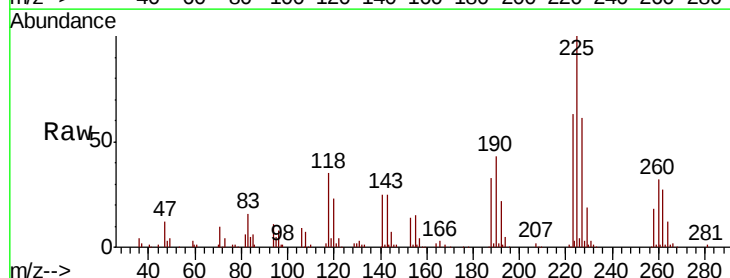
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

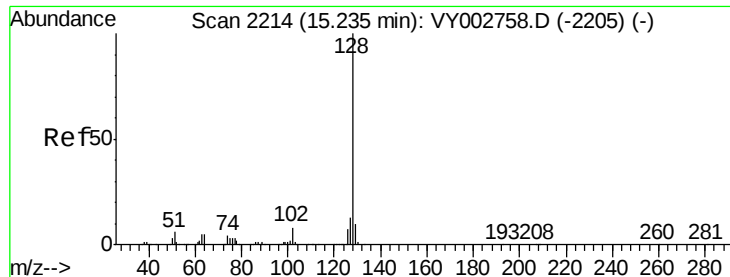
Tot Ion:180 Resp: 108790
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.620 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002814.D
 Acq: 02 Jun 2020 12:00

Tgt Ion:225 Resp: 63132
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 95.0
 227 63.9 32.3 96.9

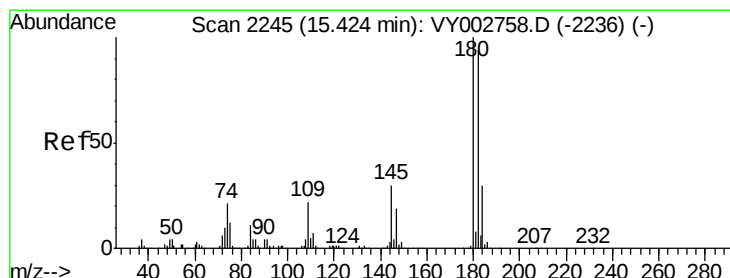
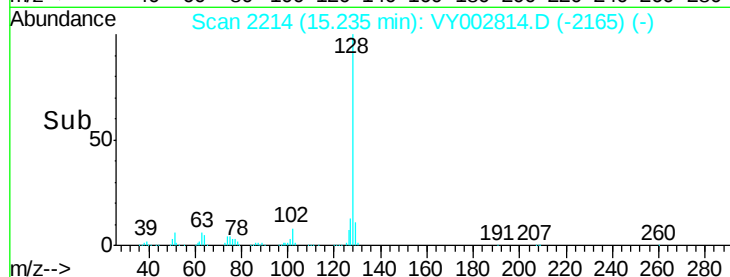
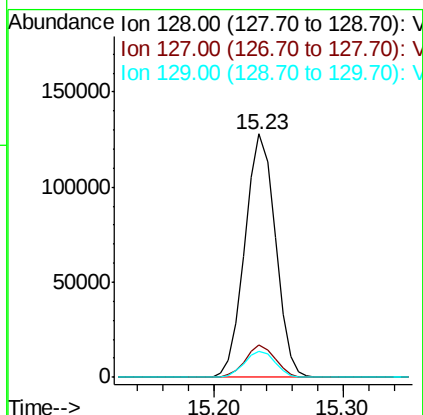
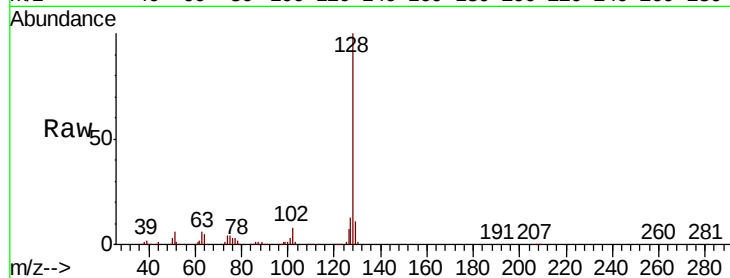




#95
Naphthalene
Concen: 20.271 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tot Ion:128 Resp: 209253
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.795 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002814.D
Acq: 02 Jun 2020 12:00

Tgt Ion:180 Resp: 95608
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.4
145 31.2 15.1 45.3

