

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003204.D
 Acq On : 16 Jul 2020 12:37
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Quant Time: Jul 17 05:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	633942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	575195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	170788	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	7.73	113	164261	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
50) Toluene-d8	10.18	98	614507	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.48	95	217659	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	72145	23.098	ug/l	100
3) Chloromethane	2.12	50	94914	21.908	ug/l	97
4) Vinyl Chloride	2.26	62	94038	21.155	ug/l	100
5) Bromomethane	2.65	94	71444	21.639	ug/l	100
6) Chloroethane	2.79	64	61485	21.059	ug/l	99
7) Trichlorofluoromethane	3.13	101	134608	21.204	ug/l	98
8) Diethyl Ether	3.53	74	43001	20.215	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78469	20.467	ug/l	98
10) Methyl Iodide	4.10	142	73699	17.693	ug/l	99
11) Tert butyl alcohol	4.96	59	38209	96.068	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74212	20.465	ug/l	98
13) Acrolein	3.73	56	28528	82.638	ug/l	97
14) Allyl chloride	4.48	41	123610	22.972	ug/l	97
15) Acrylonitrile	5.18	53	102483	100.294	ug/l	99
16) Acetone	3.96	43	86070	104.760	ug/l	97
17) Carbon Disulfide	4.20	76	236823	21.283	ug/l	99
18) Methyl Acetate	4.49	43	47060	20.625	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	202558	19.932	ug/l	99
20) Methylene Chloride	4.72	84	117958	25.885	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	83046	20.247	ug/l	98
22) Diisopropyl ether	6.13	45	263652	22.078	ug/l	98
23) Vinyl Acetate	6.07	43	838743	105.374	ug/l	99
24) 1,1-Dichloroethane	6.02	63	147554	21.327	ug/l	100
25) 2-Butanone	7.00	43	136927	101.504	ug/l	99
26) 2,2-Dichloropropane	6.99	77	134142	21.529	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	89797	19.885	ug/l	95
28) Bromochloromethane	7.34	49	67230	22.444	ug/l	96
29) Tetrahydrofuran	7.35	42	93455	103.126	ug/l	94
30) Chloroform	7.51	83	146750	20.594	ug/l	100
31) Cyclohexane	7.79	56	146416	21.885	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	131576	20.511	ug/l	99
36) 1,1-Dichloropropene	7.93	75	118242	20.580	ug/l	99
37) Ethyl Acetate	7.08	43	64886	20.970	ug/l	95
38) Carbon Tetrachloride	7.91	117	121651	20.509	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	144636	20.039	ug/l	94
40) Benzene	8.16	78	324009	20.480	ug/l	95
41) Methacrylonitrile	7.35	41	85485	45.872	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	97298	19.977	ug/l	100
43) Isopropyl Acetate	8.28	43	121503	20.287	ug/l	99
44) Trichloroethene	8.94	130	93061	19.189	ug/l	95
45) 1,2-Dichloropropane	9.22	63	85820	20.964	ug/l	96
46) Dibromomethane	9.31	93	47422	19.834	ug/l	96
47) Bromodichloromethane	9.50	83	115383	20.291	ug/l	99
48) Methyl methacrylate	9.30	41	53169	19.858	ug/l	95
49) 1,4-Dioxane	9.30	88	11664	384.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	317193	101.893	ug/l	98
52) Toluene	10.24	92	203065	20.082	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	116497	19.773	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	136230	20.068	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	66078	19.503	ug/l	99
56) Ethyl methacrylate	10.51	69	91632	19.893	ug/l	96
57) 1,3-Dichloropropane	10.79	76	112717	19.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	243396	103.611	ug/l	97
59) 2-Hexanone	10.83	43	221740	102.038	ug/l	97
60) Dibromochloromethane	10.99	129	81718	19.177	ug/l	99
61) 1,2-Dibromoethane	11.09	107	62868	18.801	ug/l	99
64) Tetrachloroethene	10.72	164	95619	18.644	ug/l	98
65) Chlorobenzene	11.52	112	220275	19.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	84899	19.727	ug/l	99
67) Ethyl Benzene	11.59	91	398316	20.132	ug/l	100
68) m/p-Xylenes	11.70	106	304744	40.595	ug/l	99
69) o-Xylene	12.03	106	142309	20.292	ug/l	98
70) Styrene	12.04	104	240087	20.012	ug/l	98
71) Bromoform	12.20	173	52314	18.520	ug/l #	98
73) Isopropylbenzene	12.33	105	390459	20.039	ug/l	100
74) N-amyl acetate	12.14	43	112457	20.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	75081	19.951	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	101142	37.370	ug/l #	100
77) Bromobenzene	12.61	156	98415	19.814	ug/l	99
78) n-propylbenzene	12.67	91	471415	20.525	ug/l	100
79) 2-Chlorotoluene	12.75	91	260912	20.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	332448	20.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27634	19.871	ug/l	94
82) 4-Chlorotoluene	12.85	91	274645	20.533	ug/l	100
83) tert-Butylbenzene	13.07	119	291977	20.376	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	333673	20.420	ug/l	99
85) sec-Butylbenzene	13.25	105	405557	20.592	ug/l	99
86) p-Isopropyltoluene	13.37	119	369360	20.085	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	186469	19.853	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	184780	19.871	ug/l	98
89) n-Butylbenzene	13.69	91	366005	21.159	ug/l	99
90) Hexachloroethane	13.96	117	69686	20.808	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	162840	19.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10915	17.890	ug/l	100

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ClientSampleId :
VY0716SBS01

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

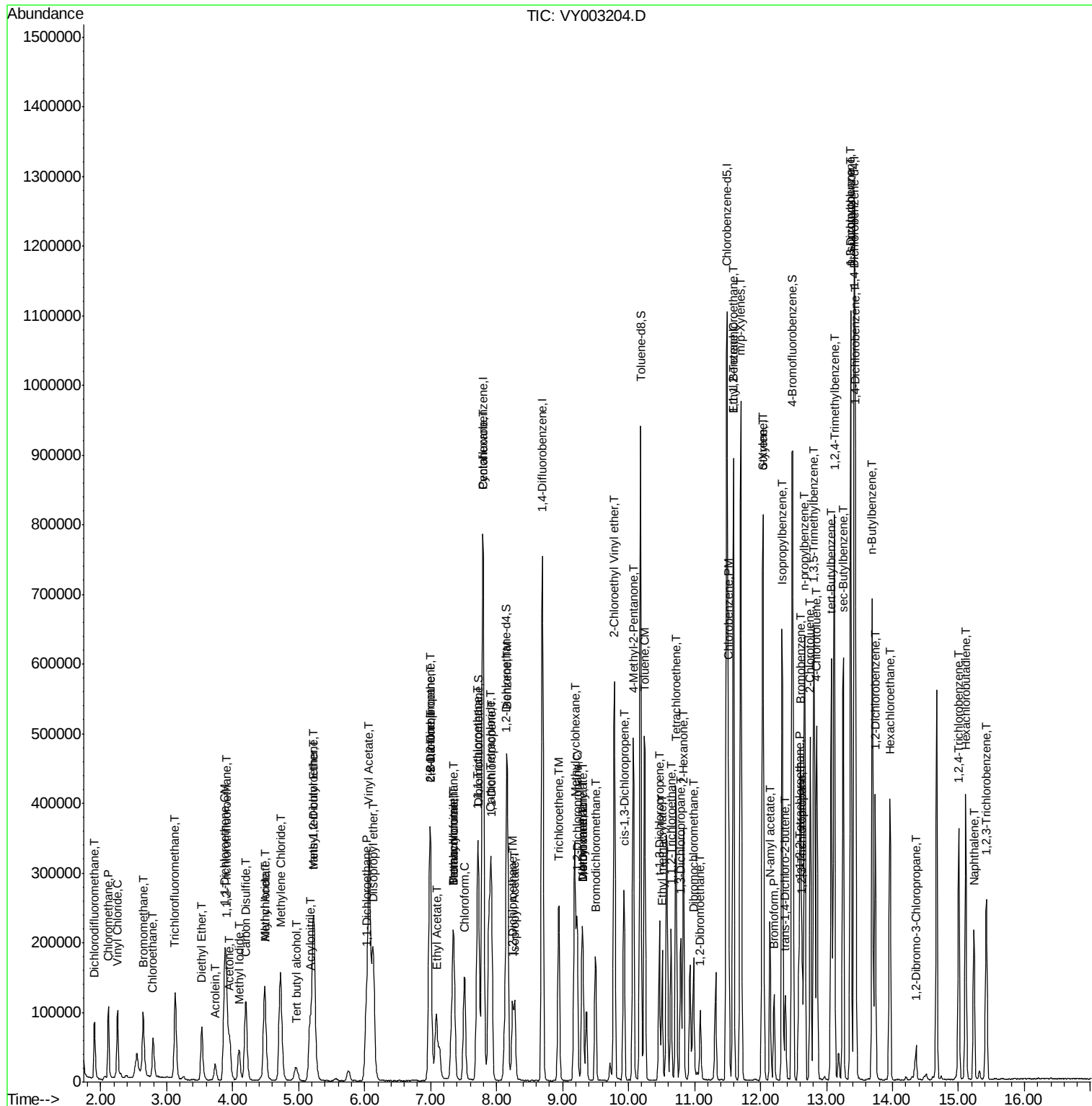
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	113990	19.439	ug/l	98
94) Hexachlorobutadiene	15.11	225	82120	20.438	ug/l	97
95) Naphthalene	15.23	128	169293	17.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84540	18.238	ug/l	98

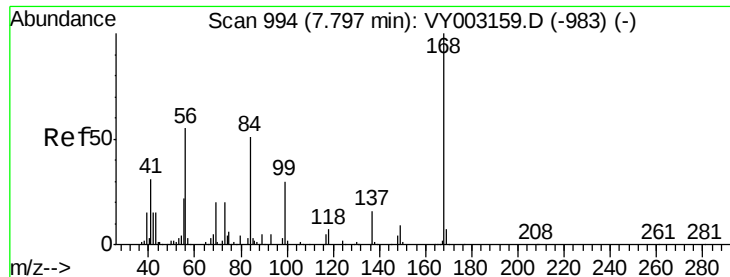
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003204.D
 Acq On : 16 Jul 2020 12:37
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

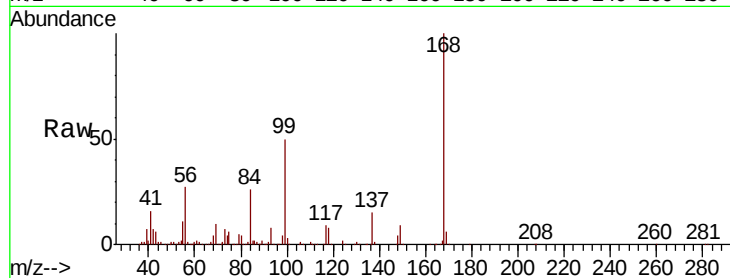
VY0716SBS01

Tot Ion:168 Resp: 435785

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

100000

50000

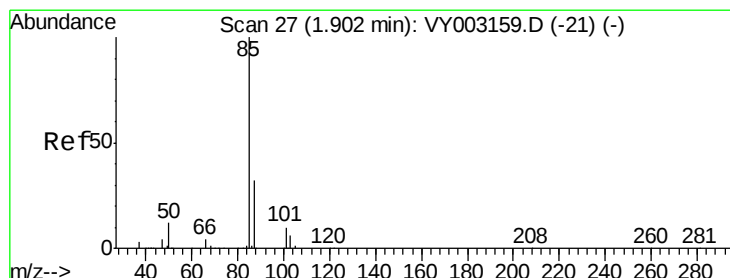
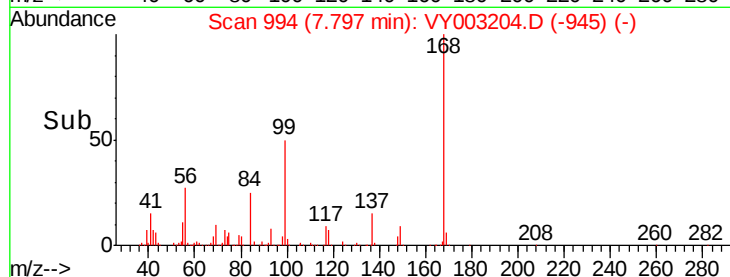
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.098 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003204.D

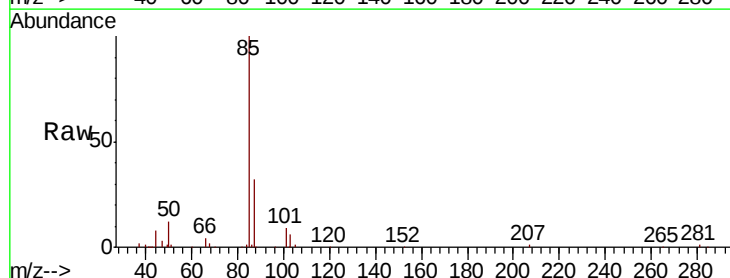
Acq: 16 Jul 2020 12:37

Tgt Ion: 85 Resp: 72145

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

20000

10000

0

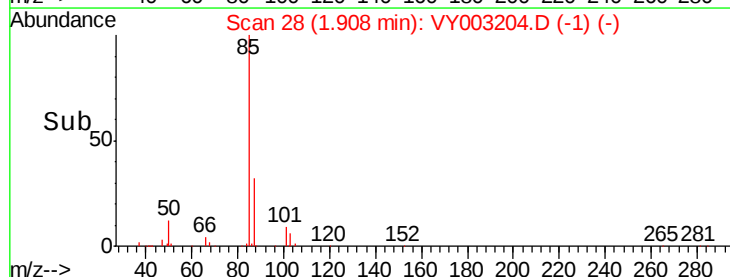
1.85

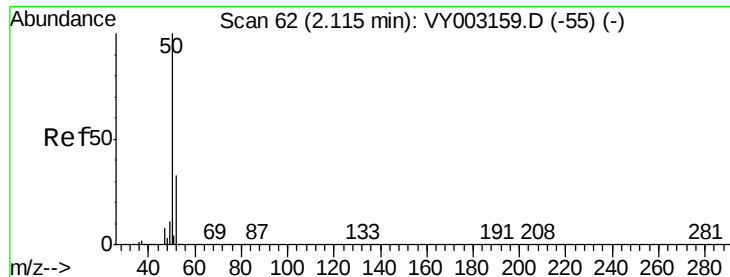
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 21.908 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

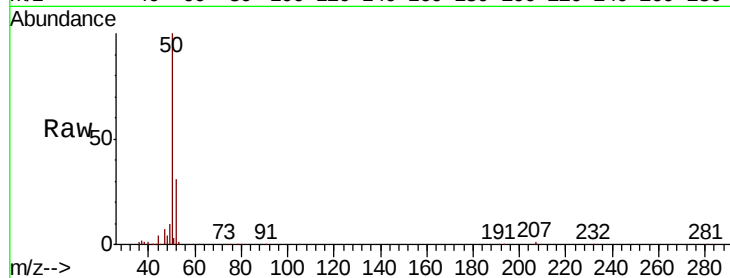
VY0716SBS01

Tot Ion: 50 Resp: 94914

Ion Ratio Lower Upper

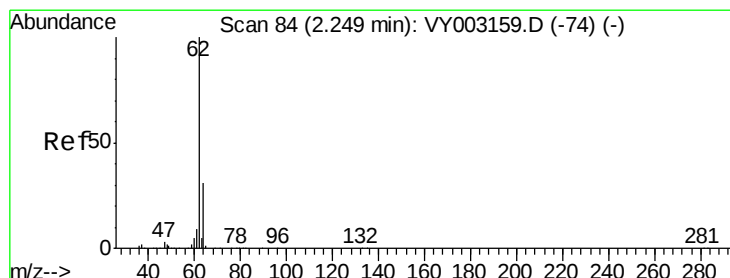
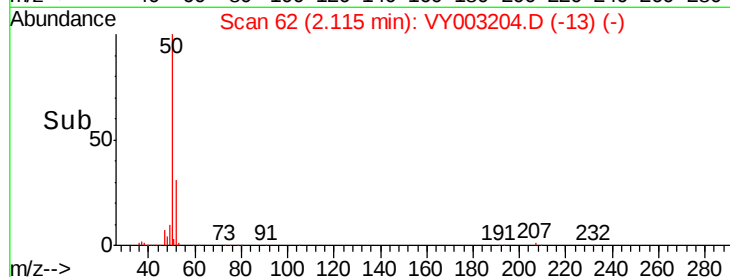
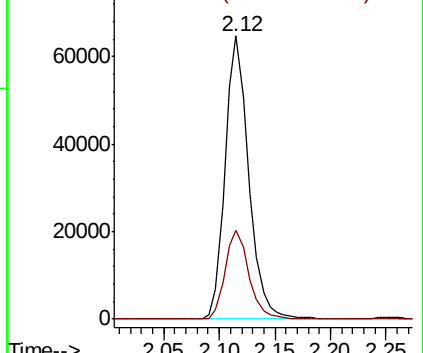
50 100

52 31.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.155 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003204.D

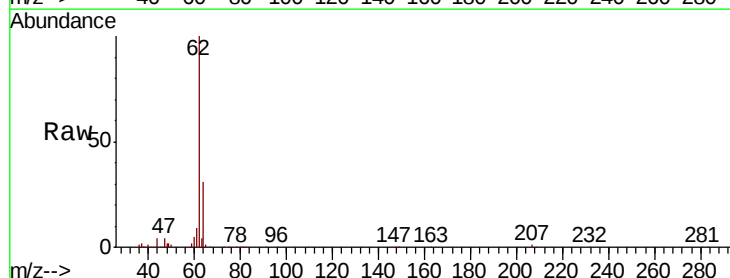
Acq: 16 Jul 2020 12:37

Tgt Ion: 62 Resp: 94038

Ion Ratio Lower Upper

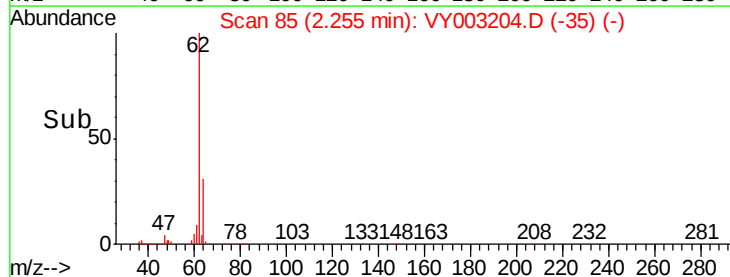
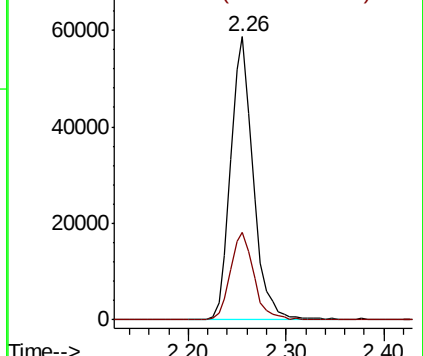
62 100

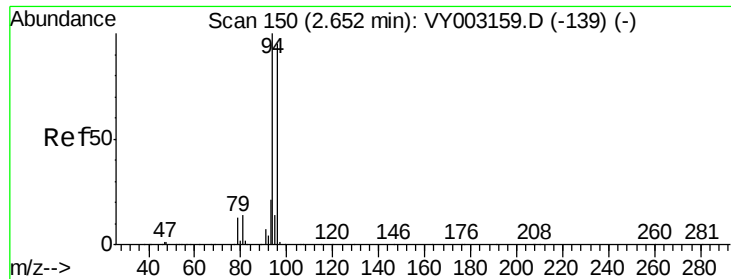
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.639 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

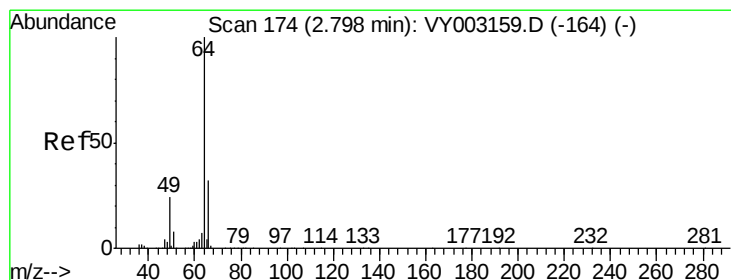
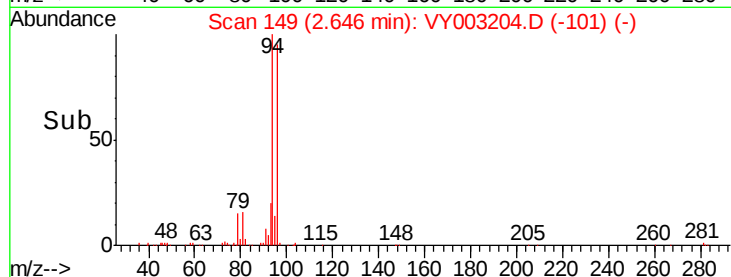
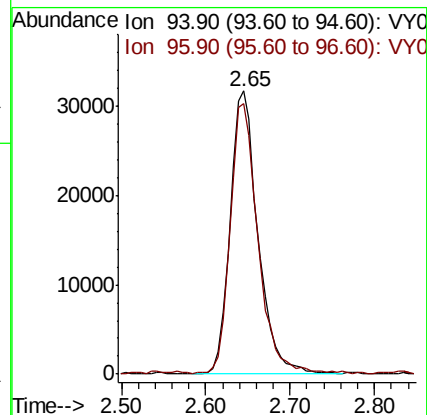
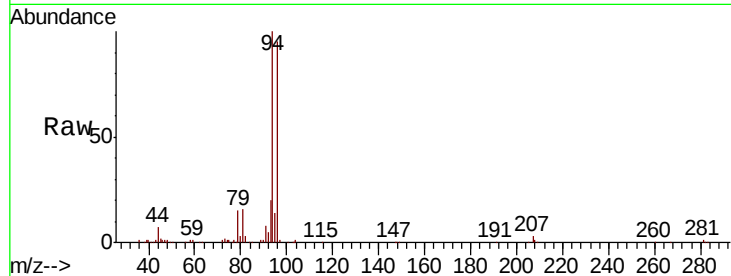
VY0716SBS01

Tot Ion: 94 Resp: 71444

Ion Ratio Lower Upper

94 100

96 95.0 76.0 114.0



#6

Chloroethane

Concen: 21.059 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003204.D

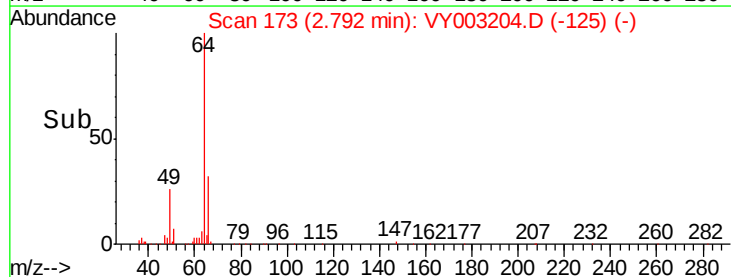
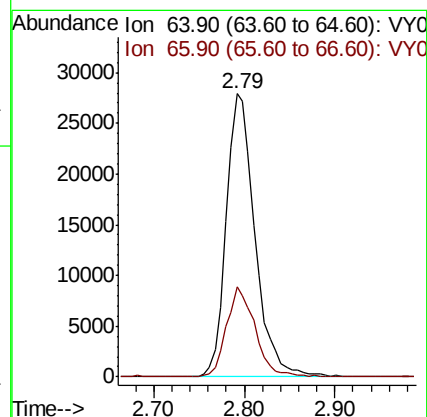
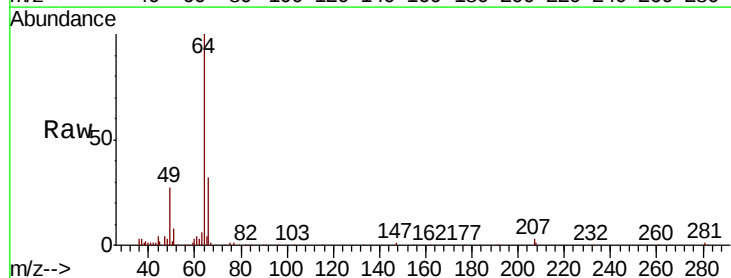
Acq: 16 Jul 2020 12:37

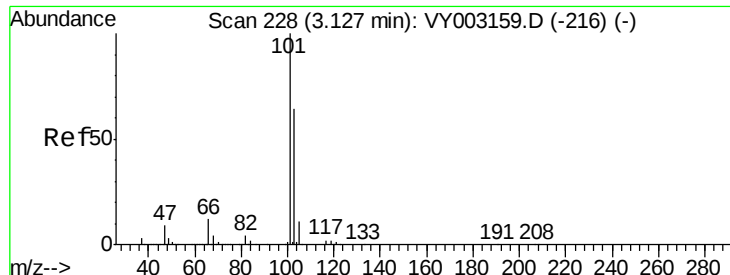
Tgt Ion: 64 Resp: 61485

Ion Ratio Lower Upper

64 100

66 31.8 26.0 39.0



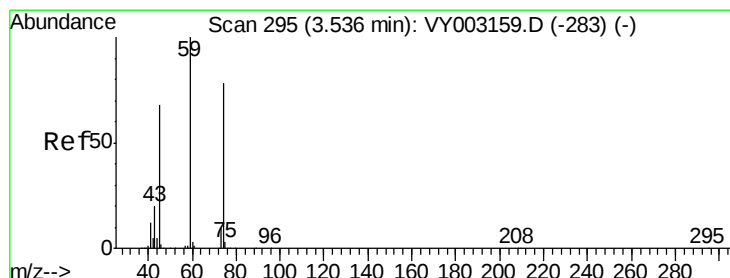
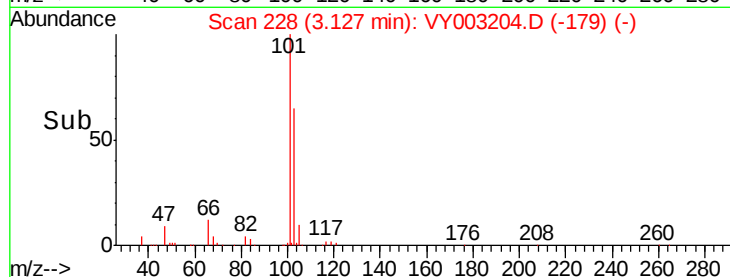
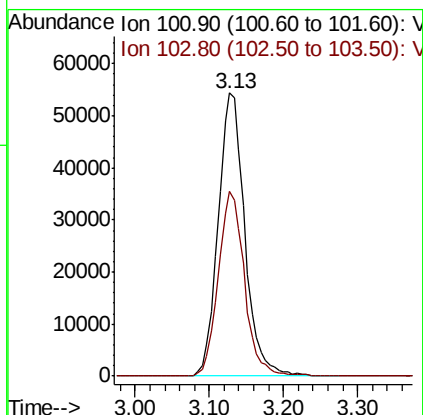
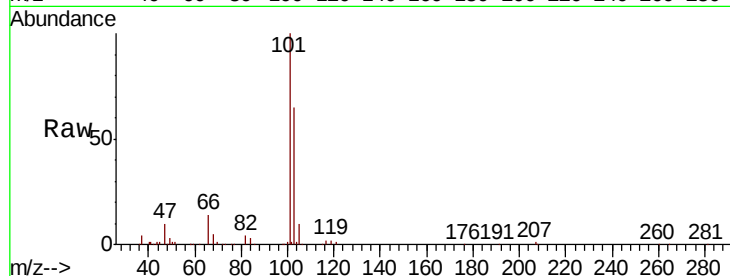


#7

Trichlorofluoromethane
 Concen: 21.204 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
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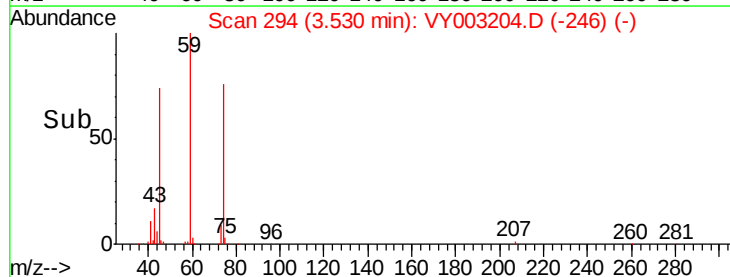
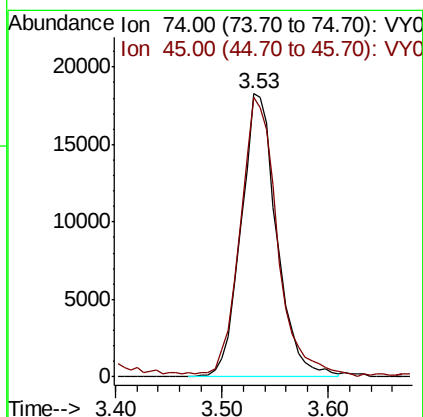
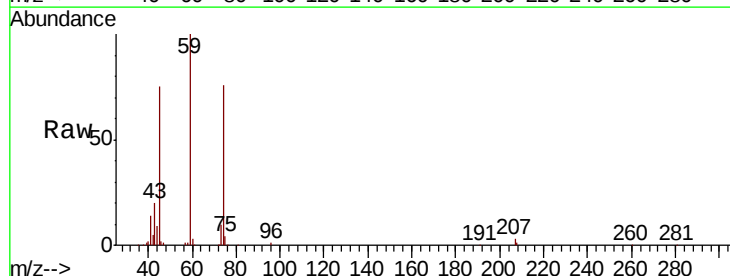
Tot Ion:101 Resp: 134608
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

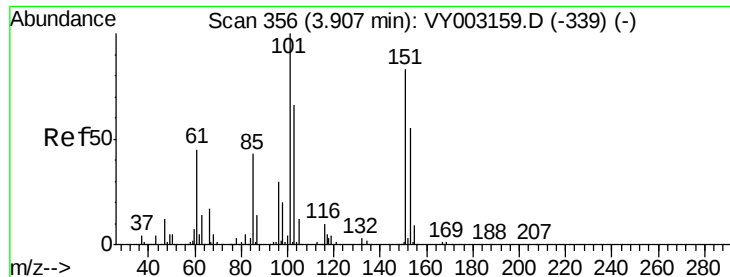


#8

Diethyl Ether
 Concen: 20.215 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 74 Resp: 43001
 Ion Ratio Lower Upper
 74 100
 45 102.3 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.467 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

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MSVOA_Y

ClientSampleId :

VY0716SBS01

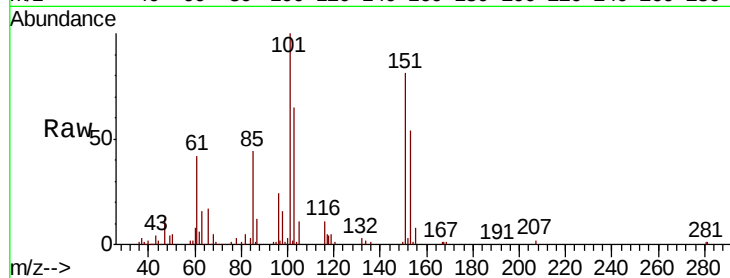
Tot Ion:101 Resp: 78469

Ion Ratio Lower Upper

101 100

85 46.3 34.9 52.3

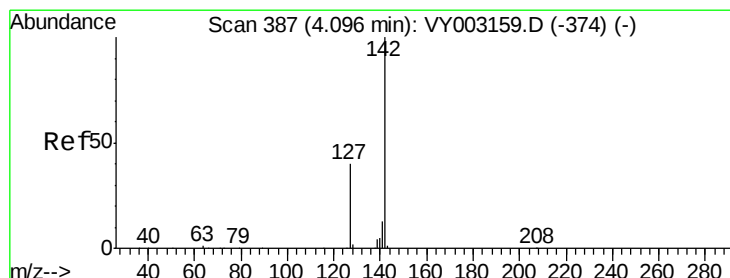
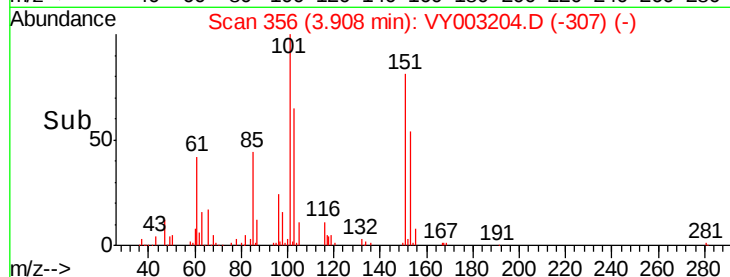
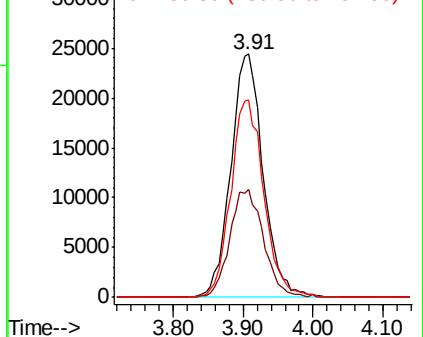
151 82.7 67.0 100.6



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: 17.693 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

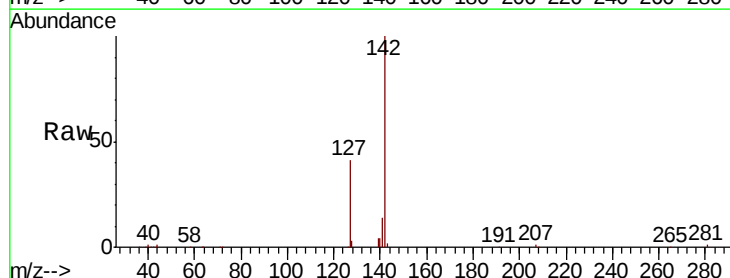
Tgt Ion:142 Resp: 73699

Ion Ratio Lower Upper

142 100

127 42.3 33.5 50.3

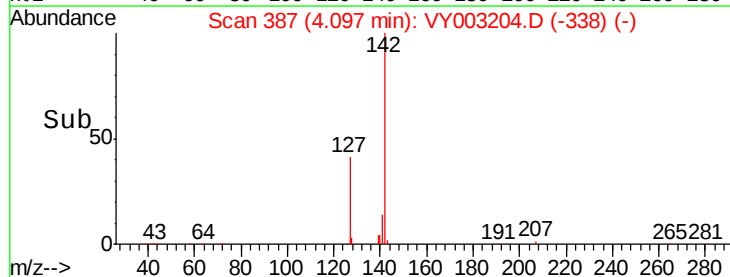
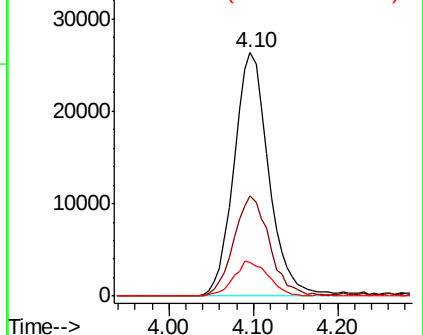
141 14.5 11.2 16.8

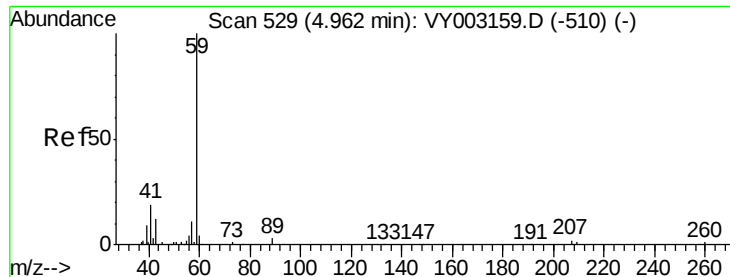


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

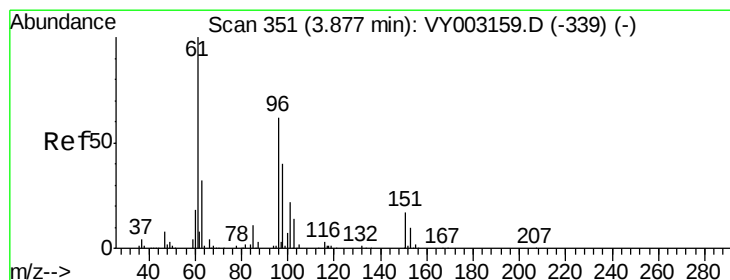
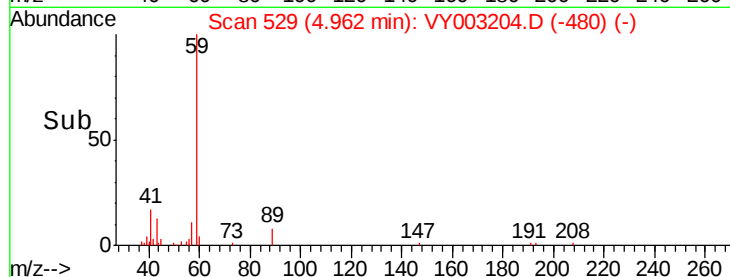
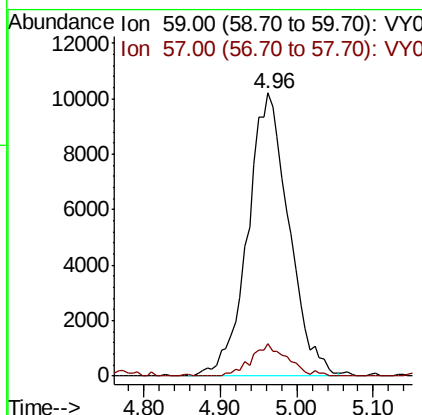
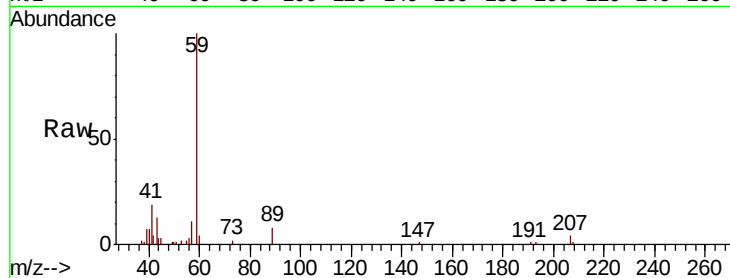




#11
Tert butyl alcohol
Concen: 96.068 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

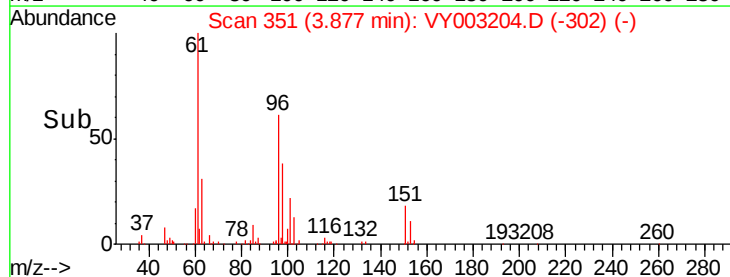
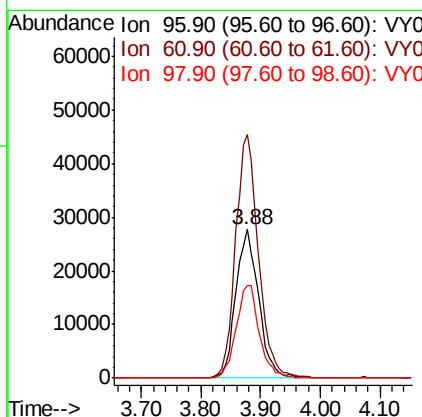
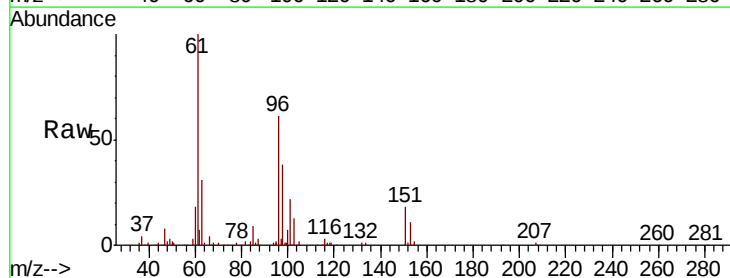
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

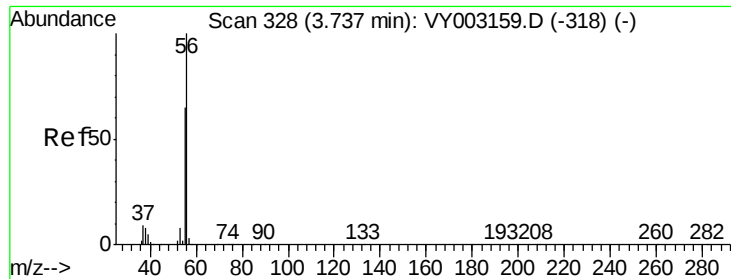
Tot Ion: 59 Resp: 38209
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.465 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 96 Resp: 74212
Ion Ratio Lower Upper
96 100
61 163.7 128.6 193.0
98 62.1 51.6 77.4





#13

Acrolein

Concen: 82.638 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

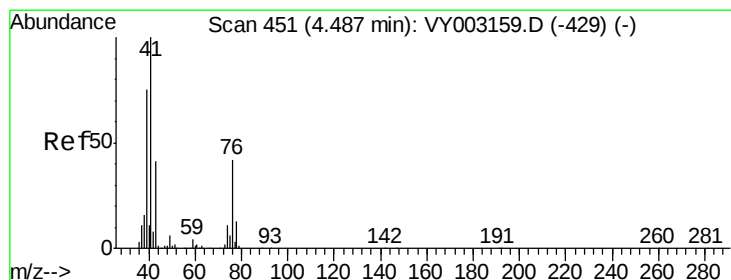
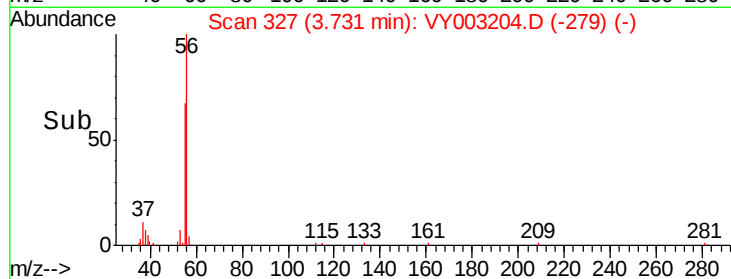
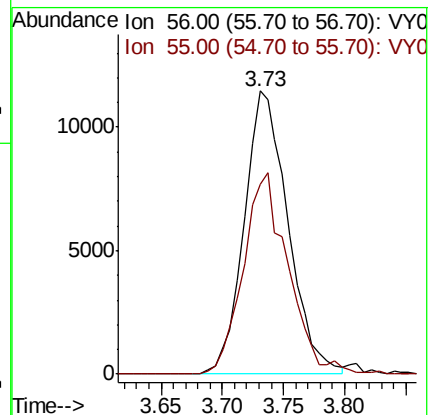
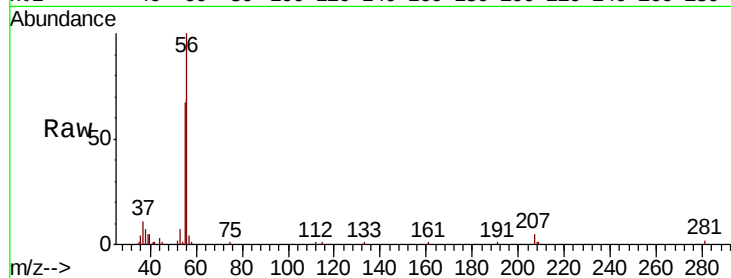
VY0716SBS01

Tot Ion: 56 Resp: 28528

Ion Ratio Lower Upper

56 100

55 72.8 56.0 84.0



#14

Allyl chloride

Concen: 22.972 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

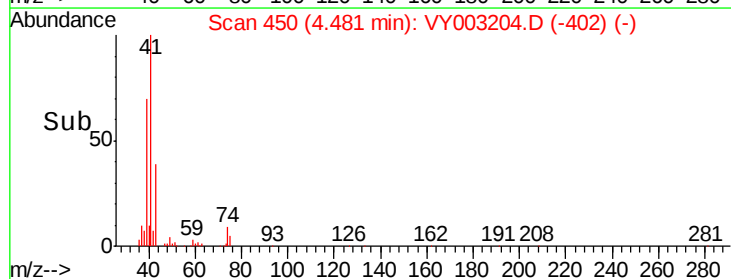
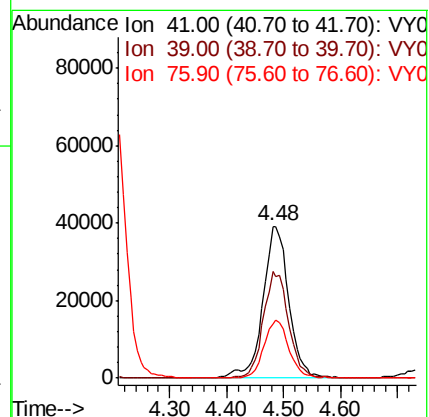
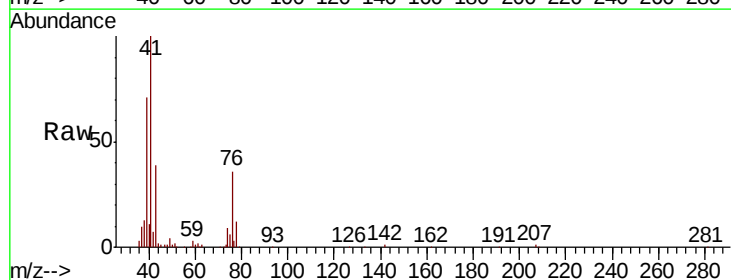
Tgt Ion: 41 Resp: 123610

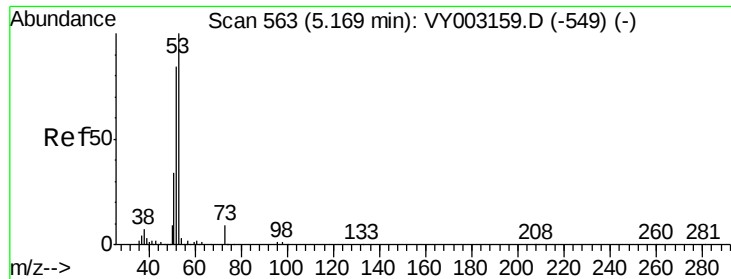
Ion Ratio Lower Upper

41 100

39 69.1 56.6 85.0

76 36.4 31.6 47.4

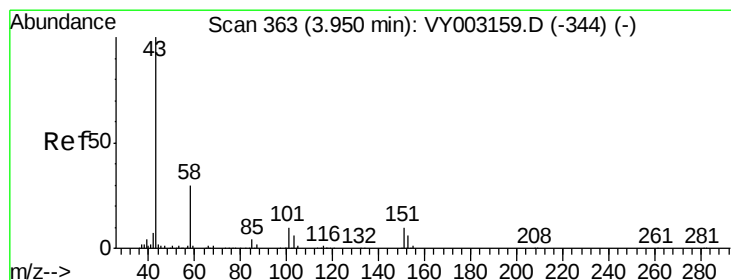
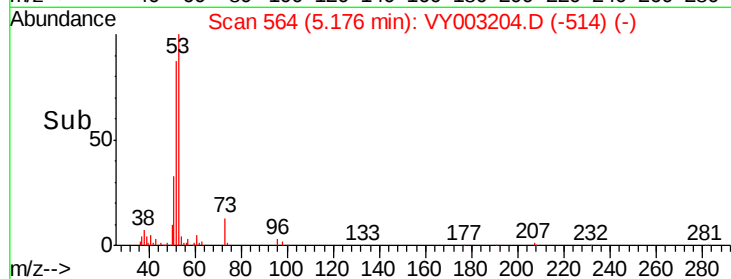
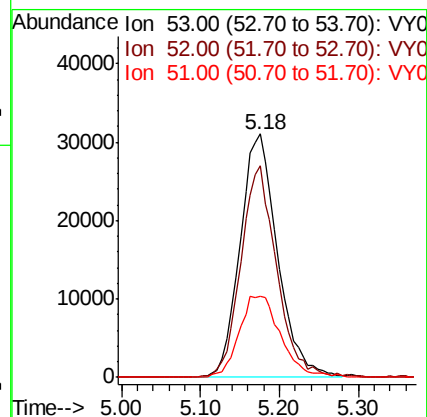
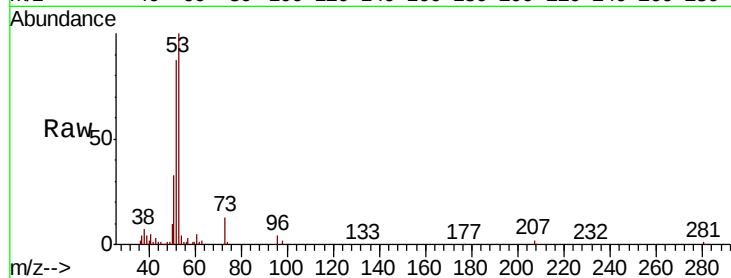




#15
 Acrylonitrile
 Concen: 100.294 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

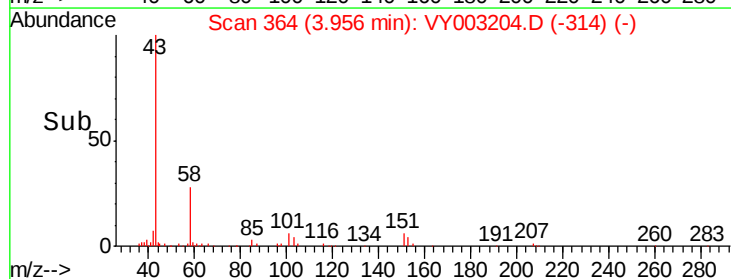
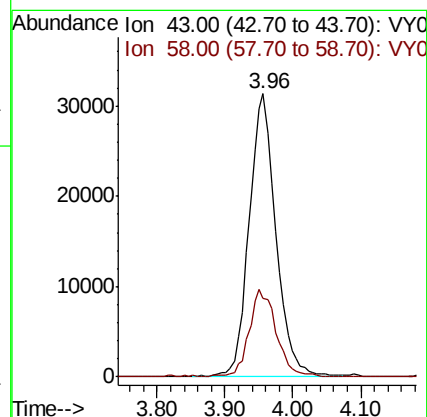
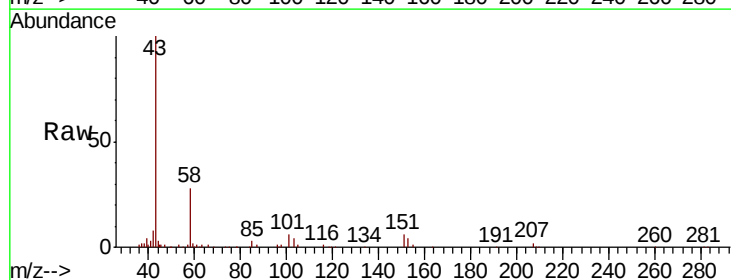
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

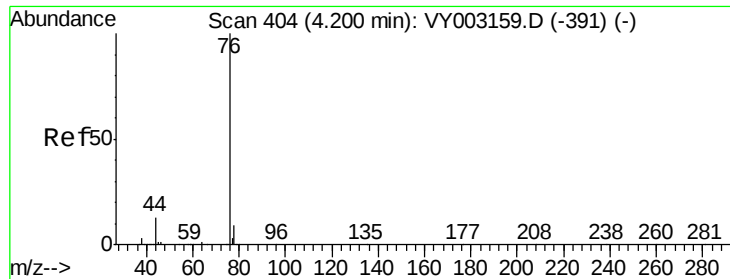
Tot Ion	53	Resp	102483
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	37.2	29.0	43.4



#16
 Acetone
 Concen: 104.760 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	43	Resp	86070
Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.8	35.6

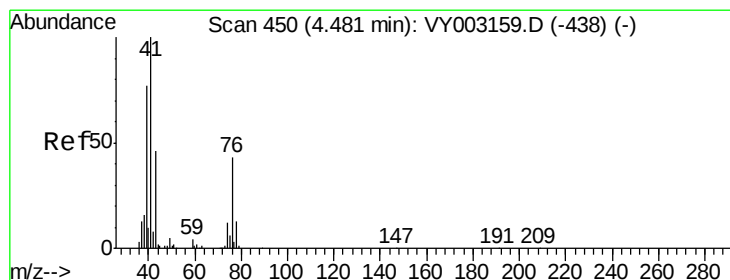
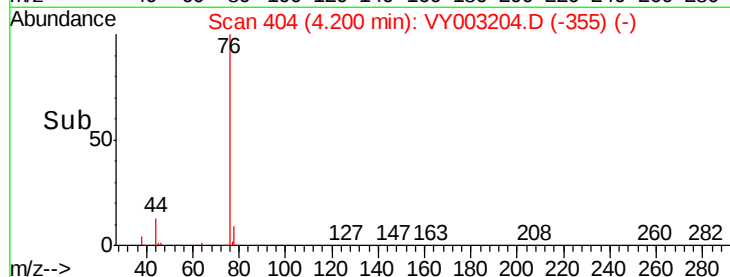
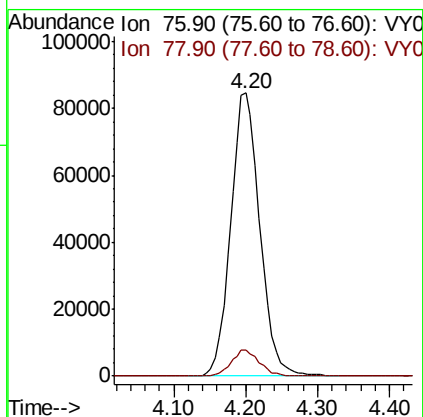
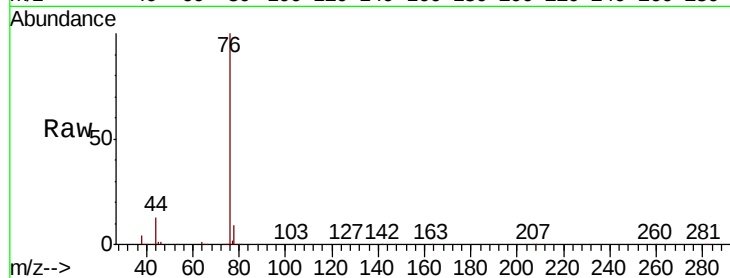




#17
Carbon Disulfide
Concen: 21.283 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

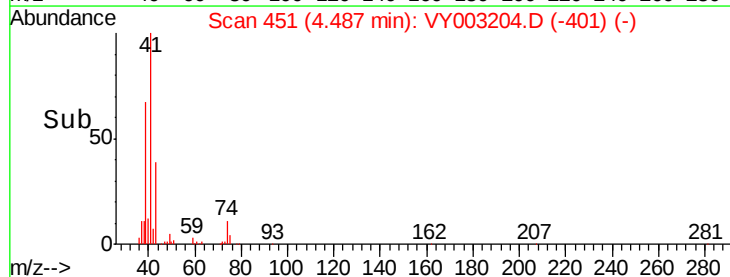
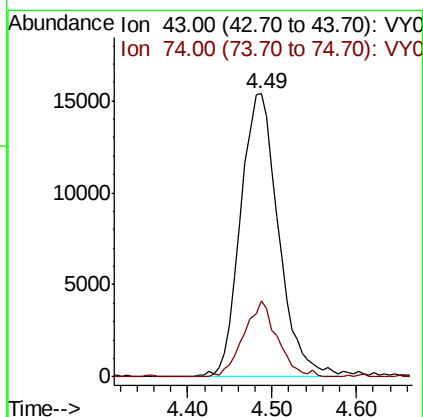
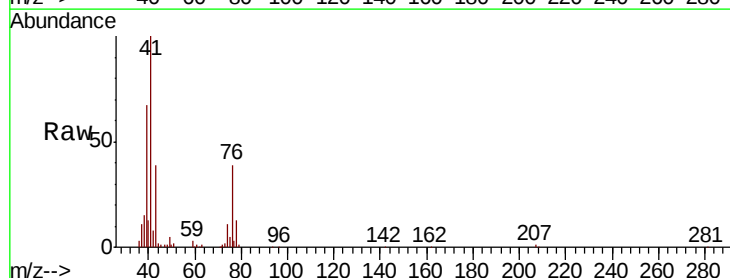
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

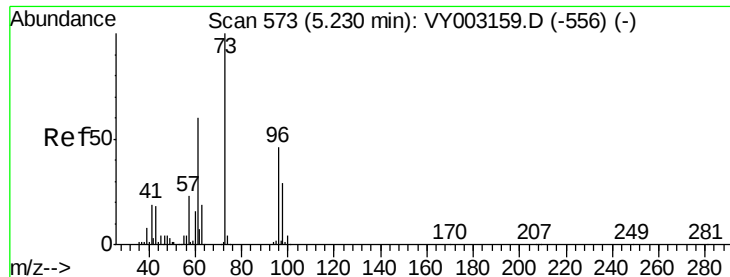
Tot Ion: 76 Resp: 236823
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.625 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 43 Resp: 47060
Ion Ratio Lower Upper
43 100
74 23.8 20.8 31.2



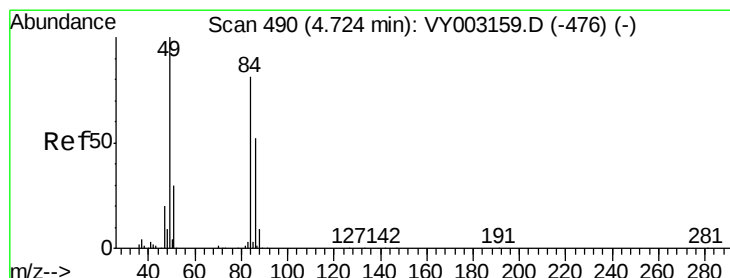
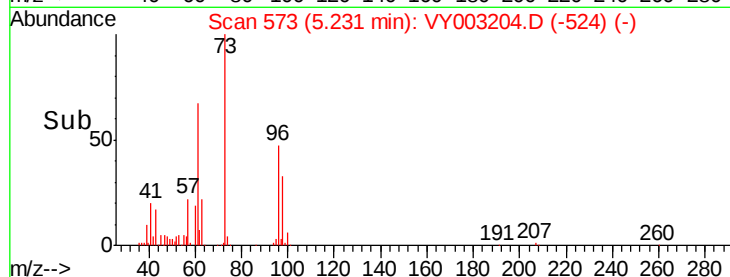
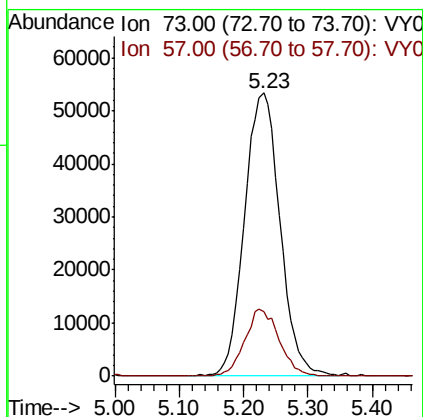
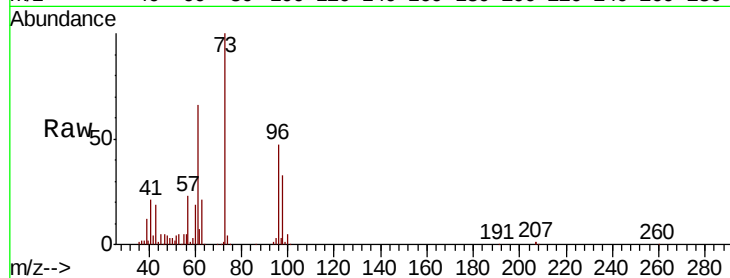


#19

Methyl tert-butyl Ether
 Concen: 19.932 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

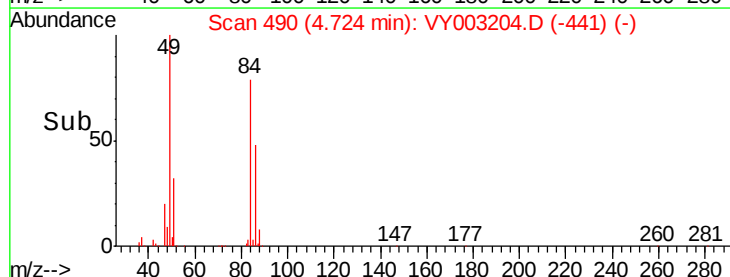
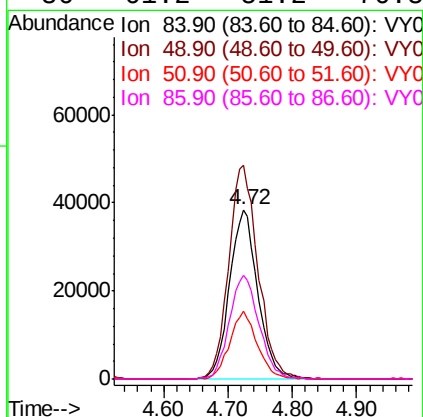
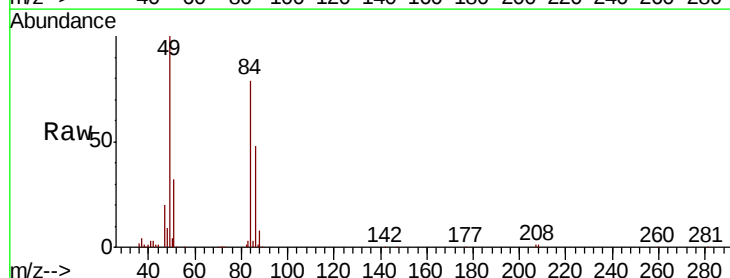
Tot Ion: 73 Resp: 202558
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.1 27.1

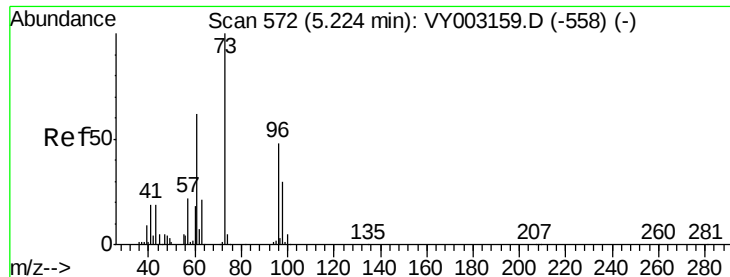


#20

Methylene Chloride
 Concen: 25.885 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 84 Resp: 117958
 Ion Ratio Lower Upper
 84 100
 49 126.4 98.2 147.4
 51 39.9 29.8 44.6
 86 61.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.247 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

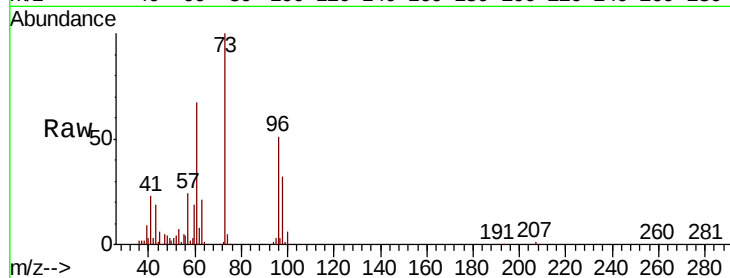
Tot Ion: 96 Resp: 83046

Ion Ratio Lower Upper

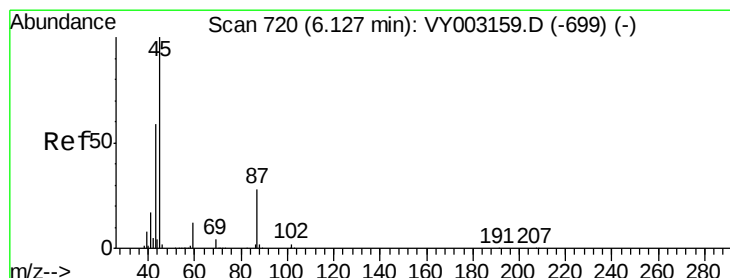
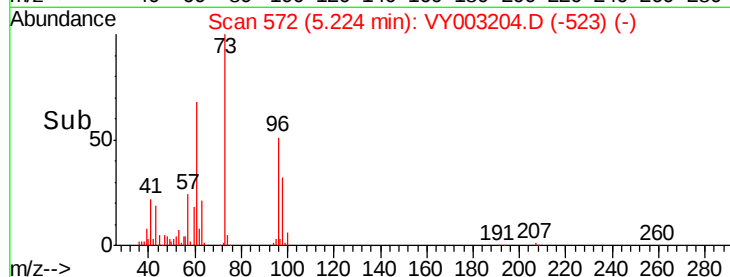
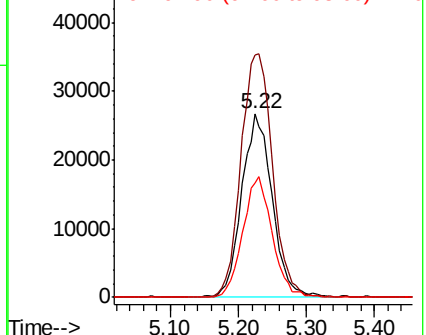
96 100

61 131.8 102.5 153.7

98 61.9 49.8 74.8



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



#22

Diisopropyl ether

Concen: 22.078 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion: 45 Resp: 263652

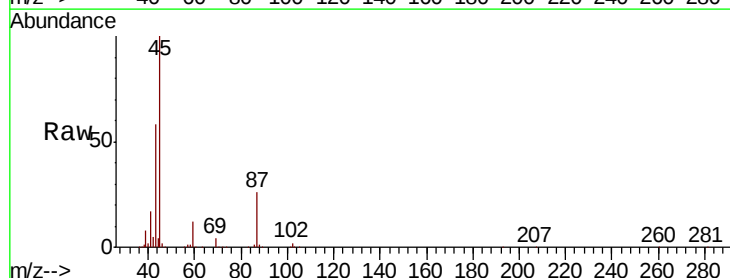
Ion Ratio Lower Upper

45 100

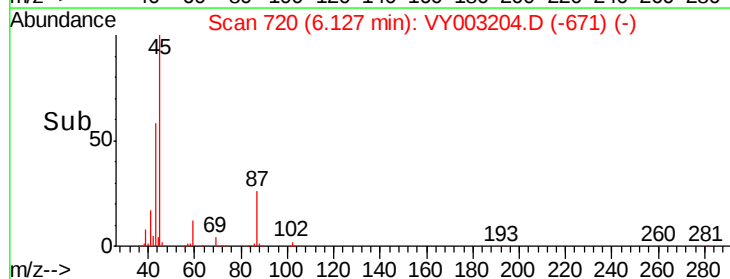
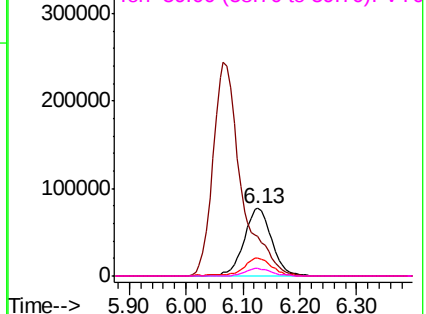
43 57.7 47.0 70.4

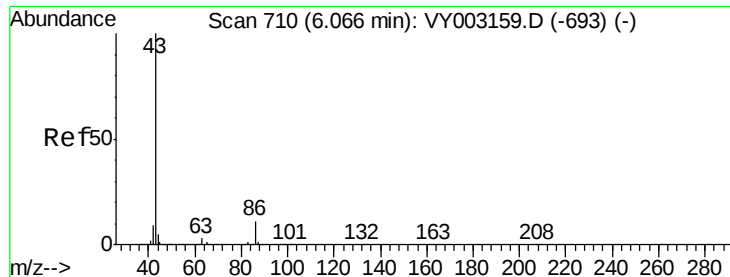
87 26.1 22.6 33.8

59 11.5 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.374 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampled :

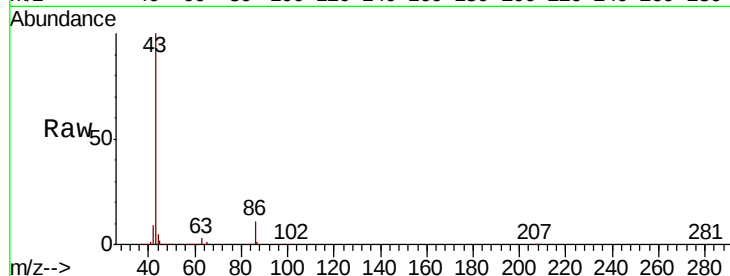
VY0716SBS01

Tot Ion: 43 Resp: 838743

Ion Ratio Lower Upper

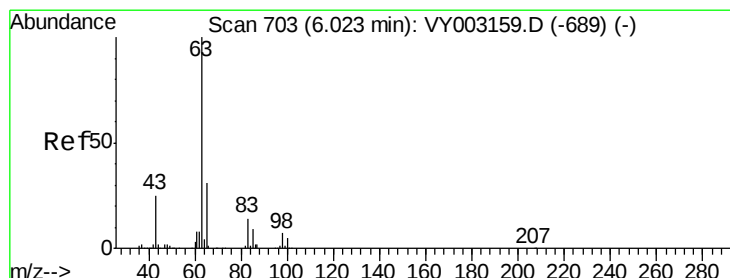
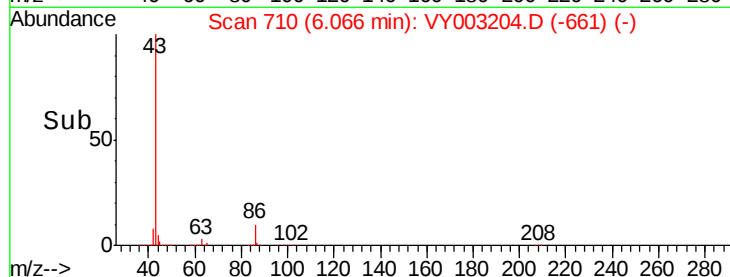
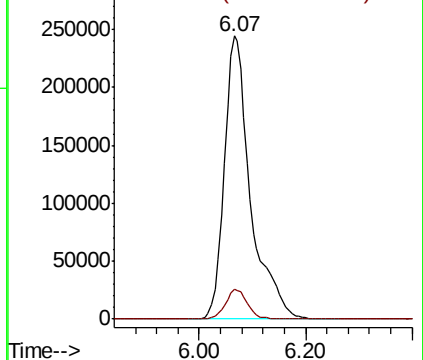
43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.327 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

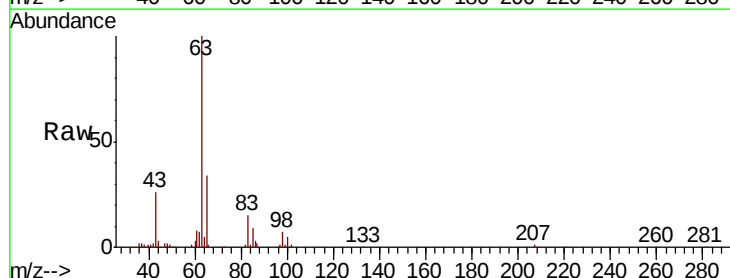
Tgt Ion: 63 Resp: 147554

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

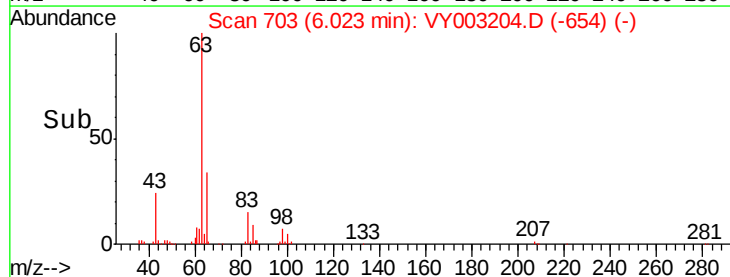
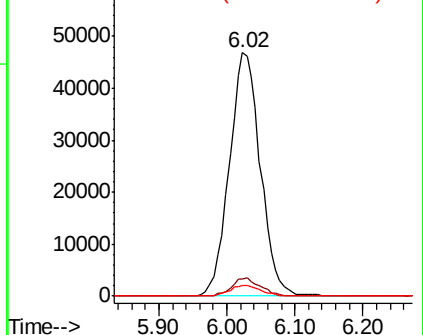
100 4.5 2.4 7.2

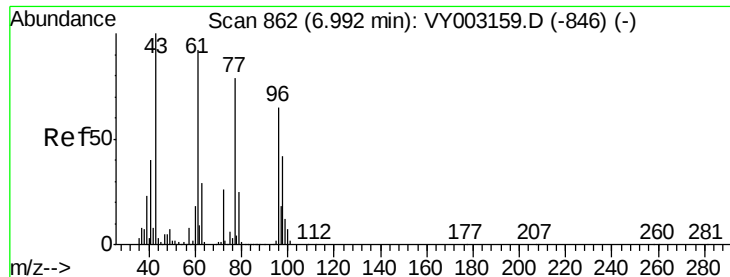


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

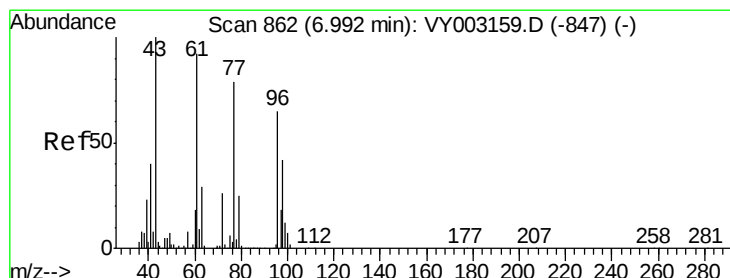
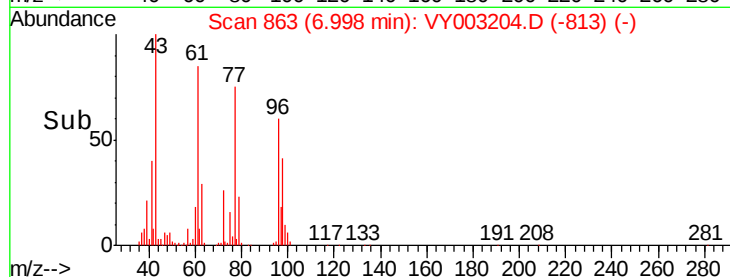
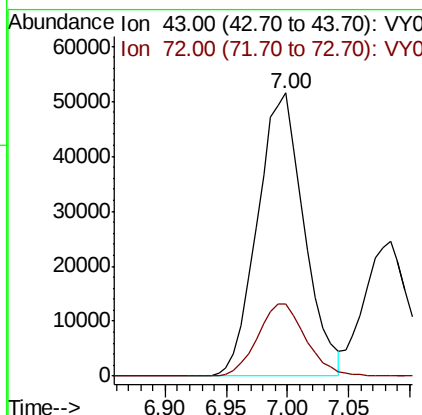
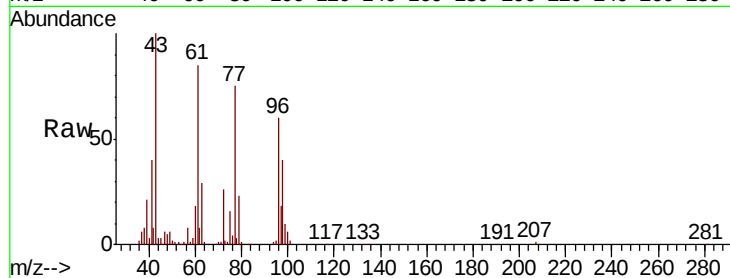




#25
2-Butanone
Concen: 101.504 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

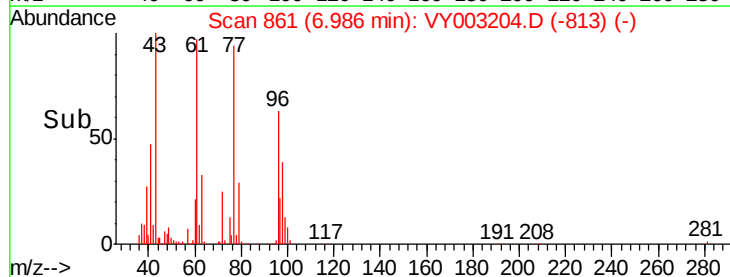
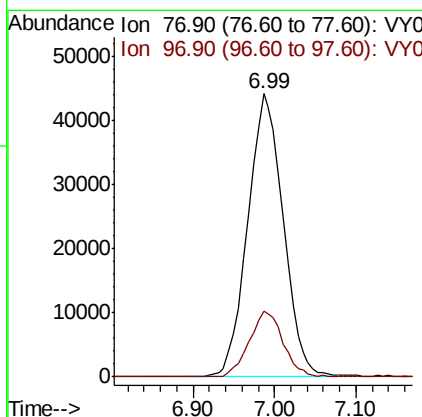
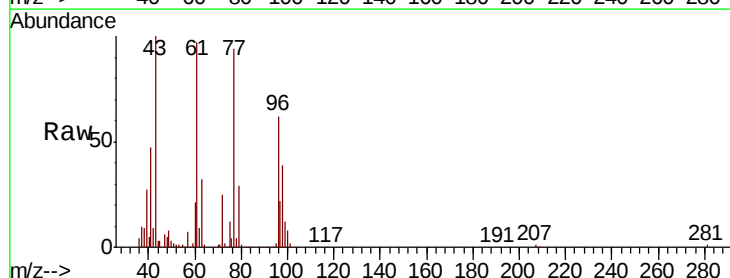
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

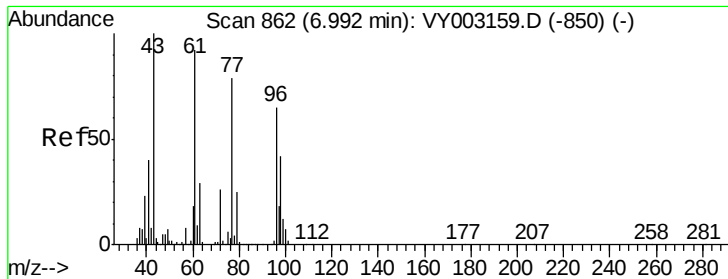
Tot Ion: 43 Resp: 136927
Ion Ratio Lower Upper
43 100
72 25.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.529 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 77 Resp: 134142
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7



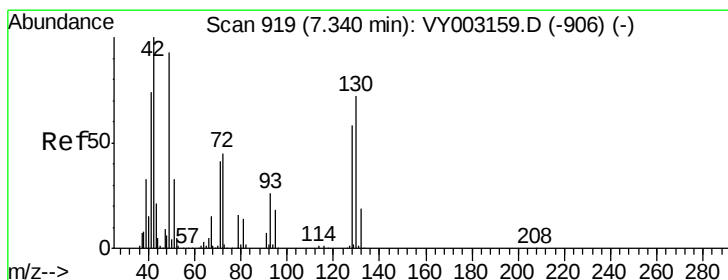
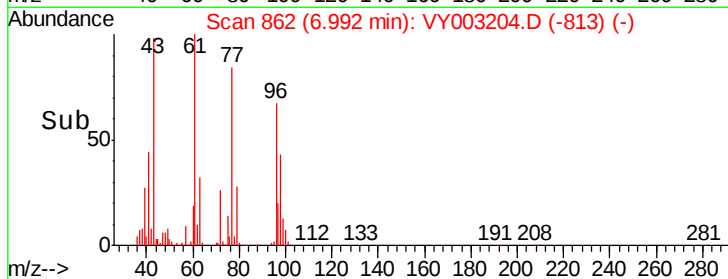
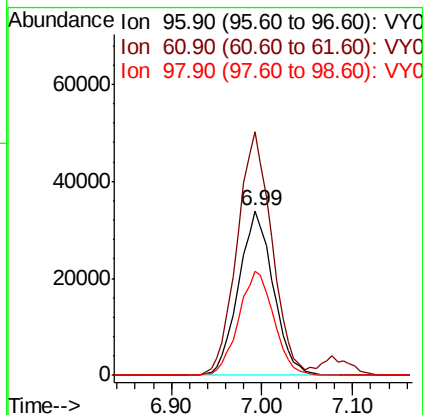
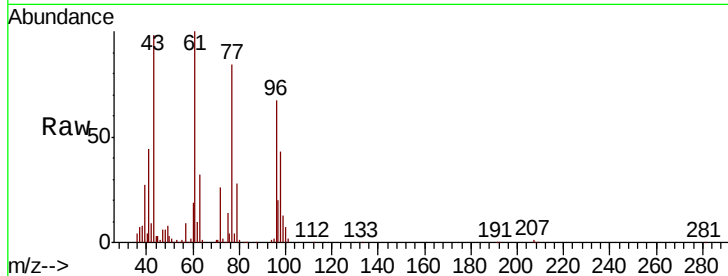


#27

cis-1,2-Dichloroethene
 Concen: 19.885 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

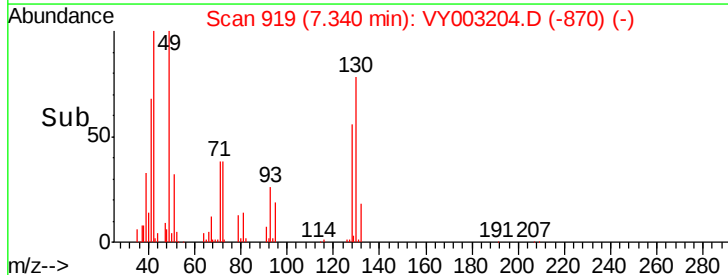
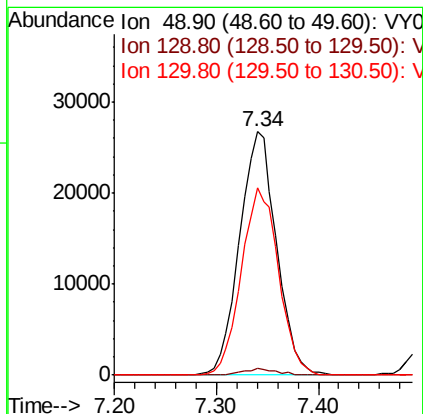
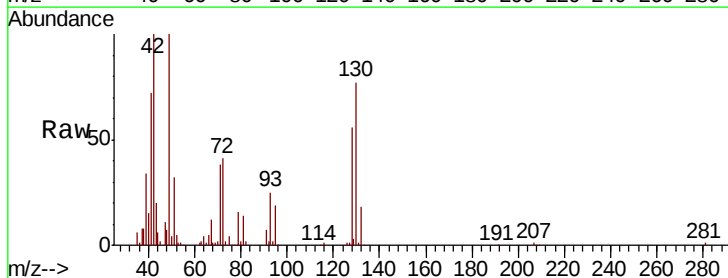
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	281.2
98	64.3	0.0	129.8

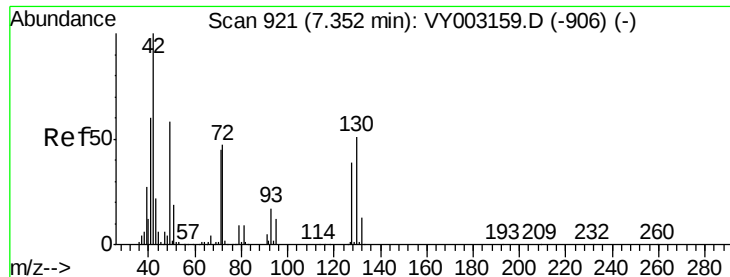


#28

Bromochloromethane
 Concen: 22.444 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	77.6	64.9	97.3





#29

Tetrahydrofuran

Concen: 103.126 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

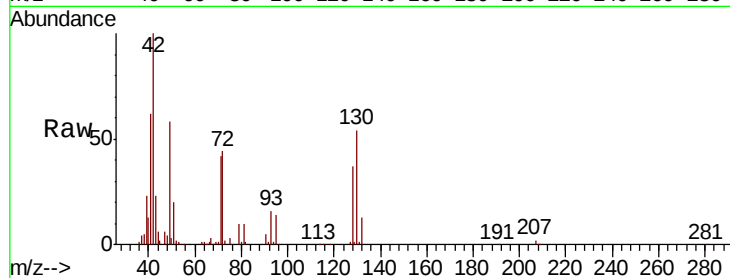
Tot Ion: 42 Resp: 93455

Ion Ratio Lower Upper

42 100

72 42.0 36.7 55.1

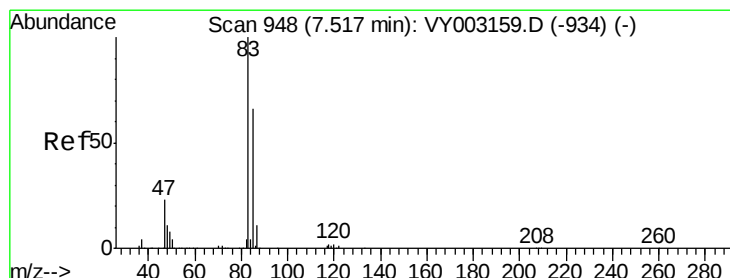
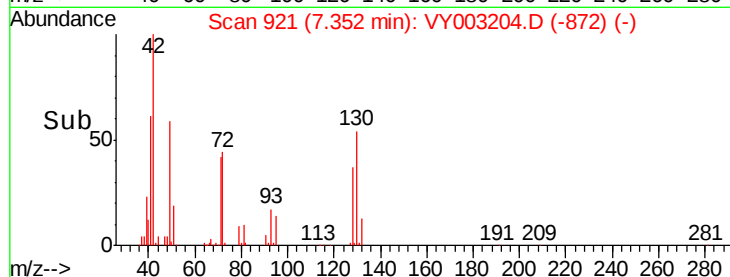
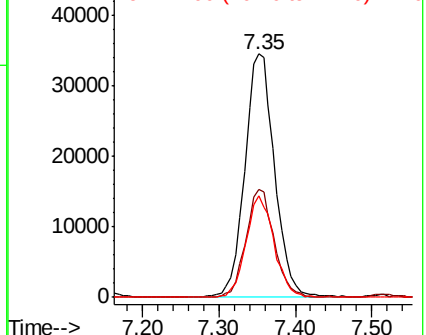
71 39.2 34.2 51.4



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: 20.594 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003204.D

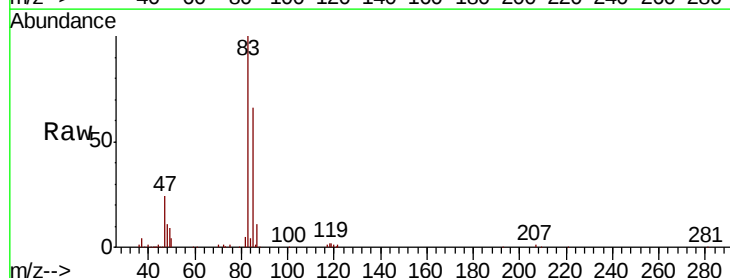
Acq: 16 Jul 2020 12:37

Tgt Ion: 83 Resp: 146750

Ion Ratio Lower Upper

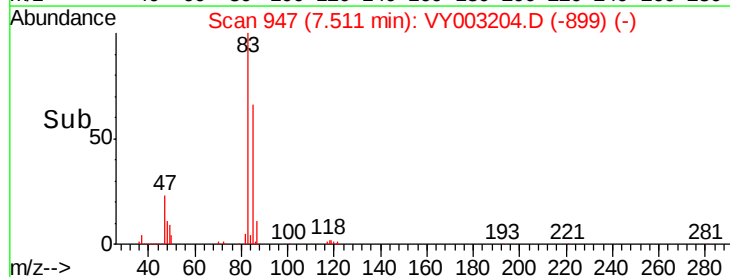
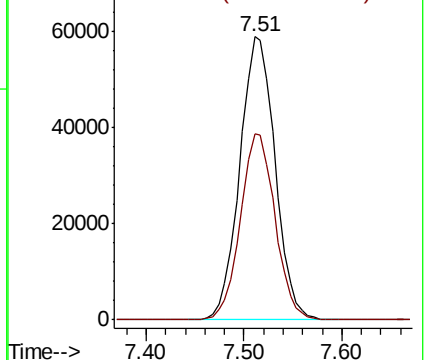
83 100

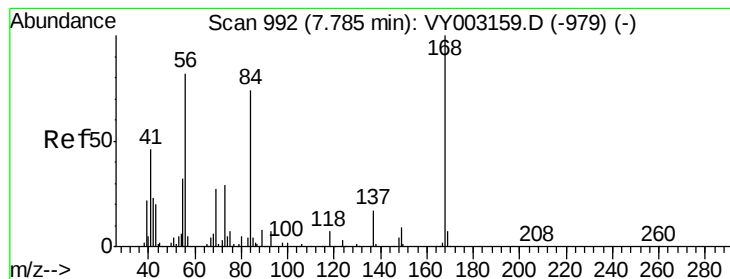
85 65.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cvclohexane

Concen: 21.885 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

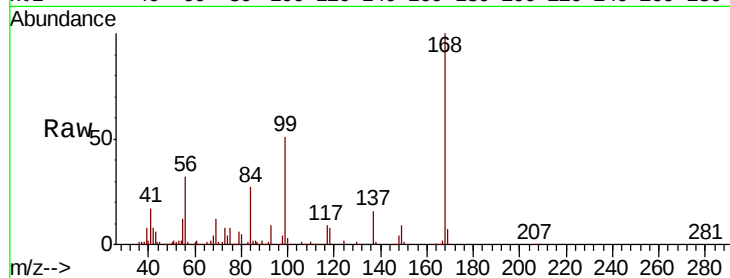
Tot Ion: 56 Resp: 146416

Ion Ratio Lower Upper

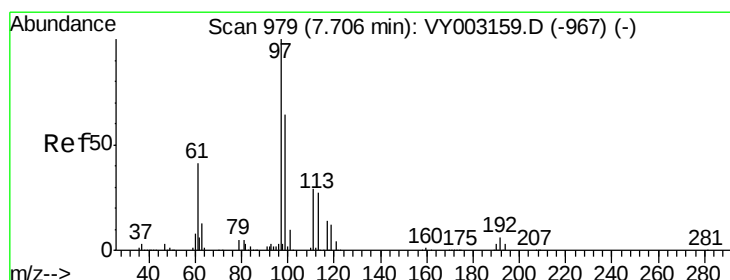
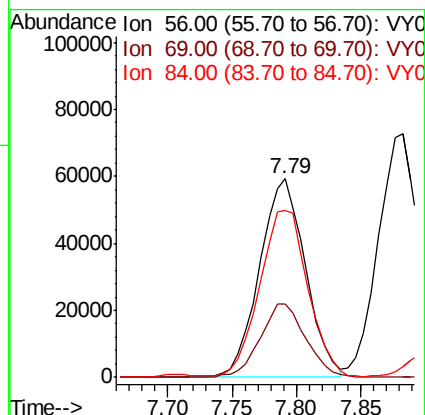
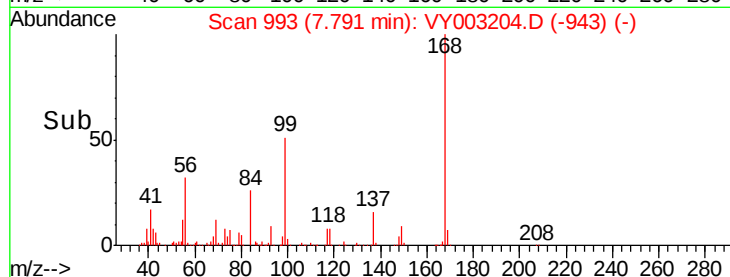
56 100

69 36.8 26.7 40.1

84 83.0 72.3 108.5



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: 20.511 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

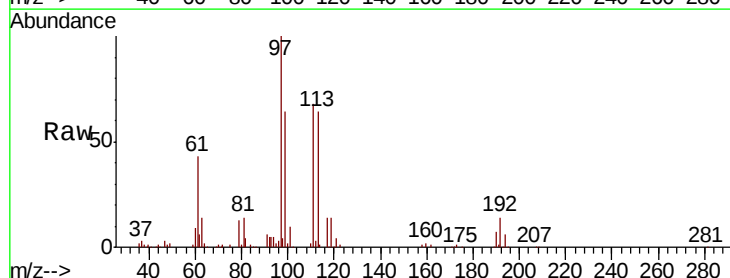
Tgt Ion: 97 Resp: 131576

Ion Ratio Lower Upper

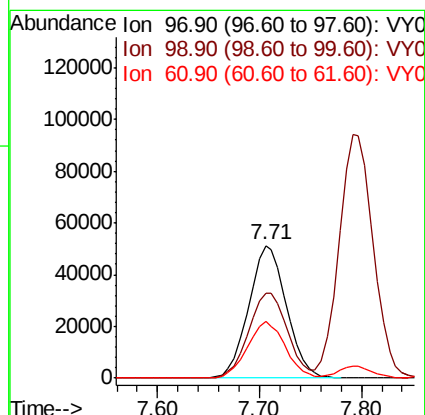
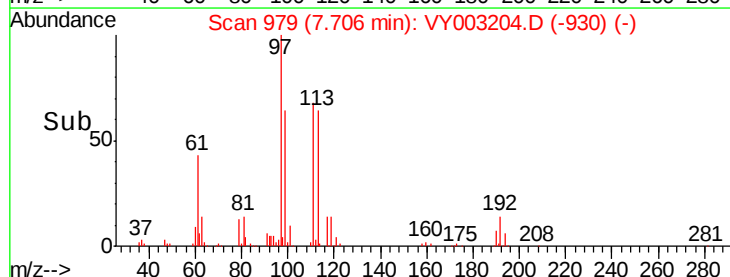
97 100

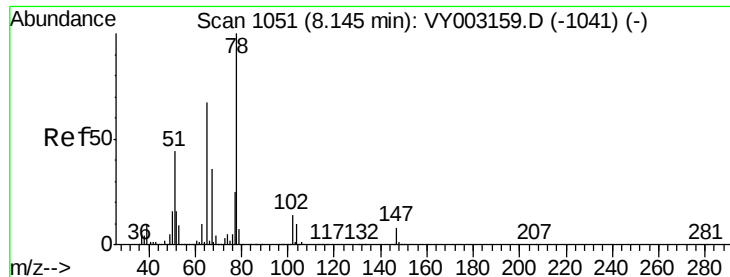
99 66.5 52.1 78.1

61 42.8 33.9 50.9



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

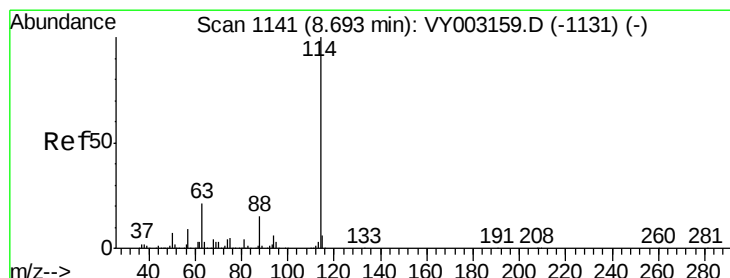
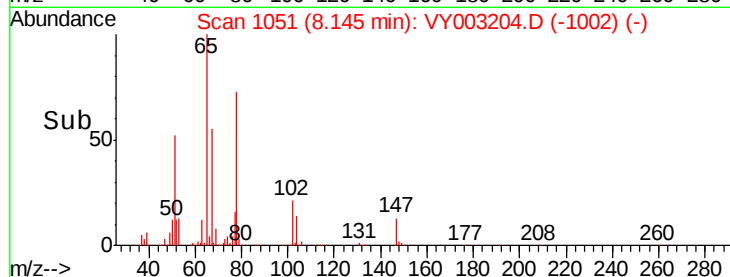
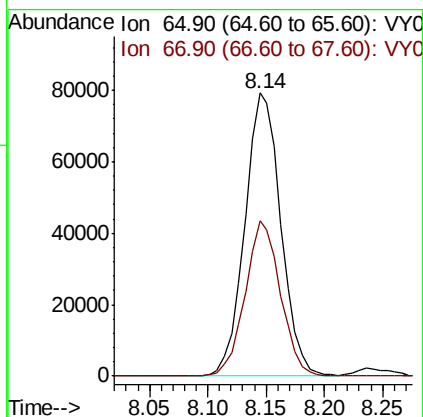
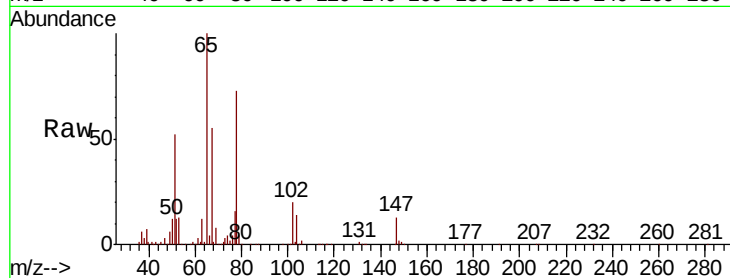




#33
 1,2-Dichloroethane-d4
 Concen: 46.433 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

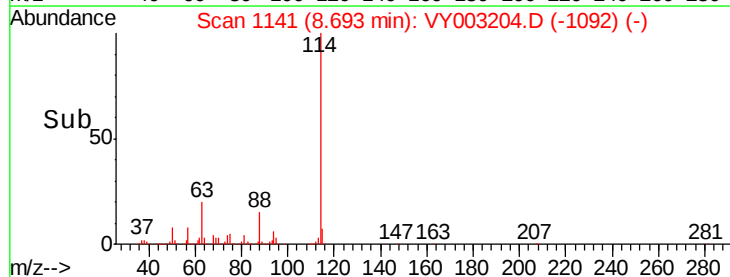
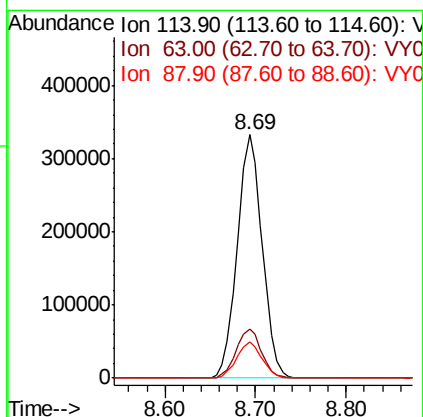
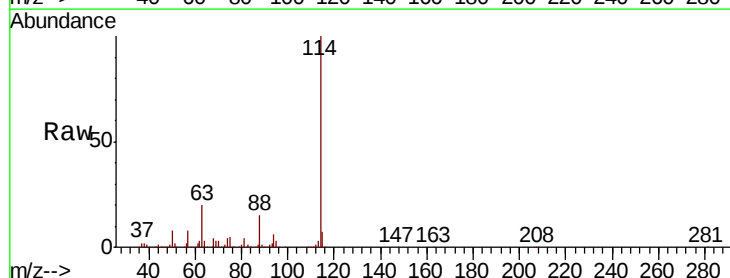
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

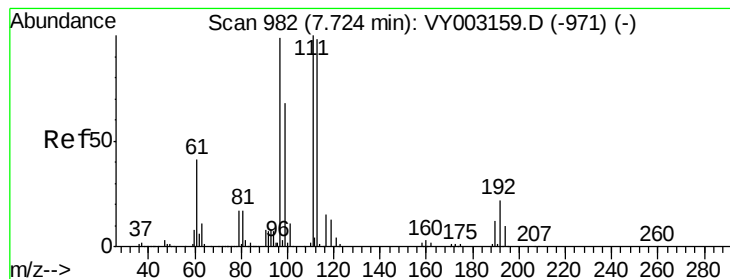
Tot Ion: 65 Resp: 170788
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 114 Resp: 633942
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.025 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

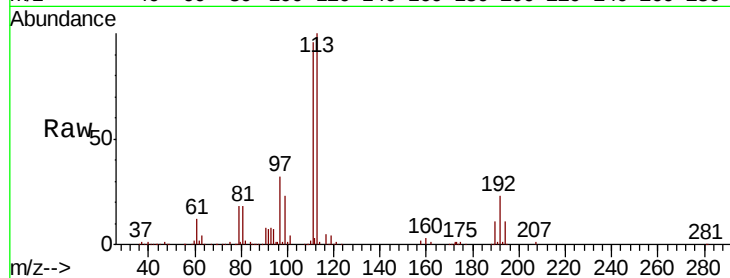
Tot Ion:113 Resp: 164261

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

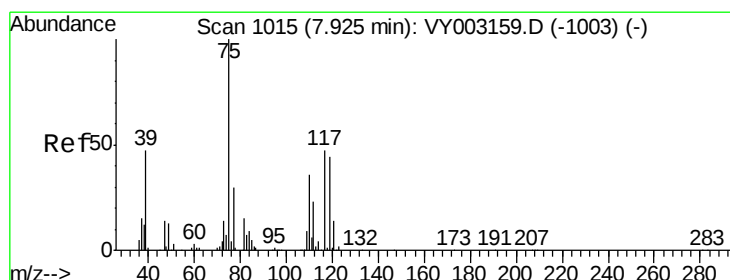
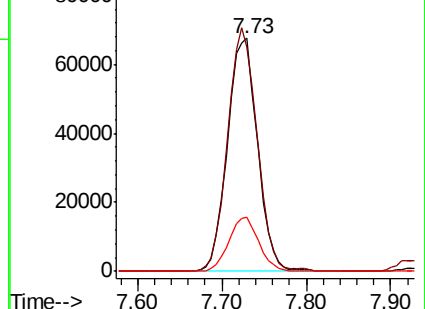
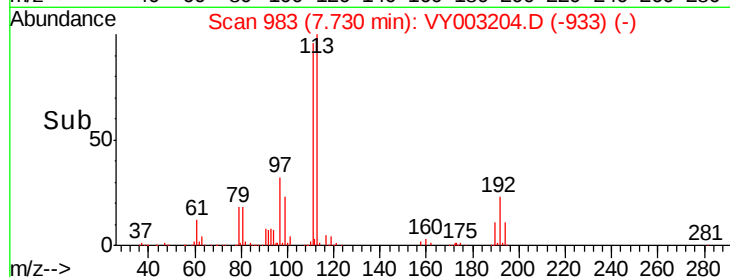
192 23.0 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.580 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

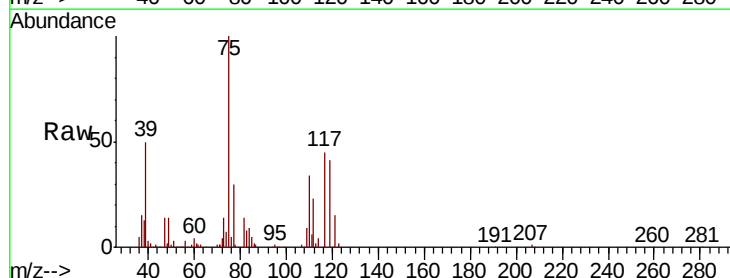
Tgt Ion: 75 Resp: 118242

Ion Ratio Lower Upper

75 100

110 34.9 18.1 54.1

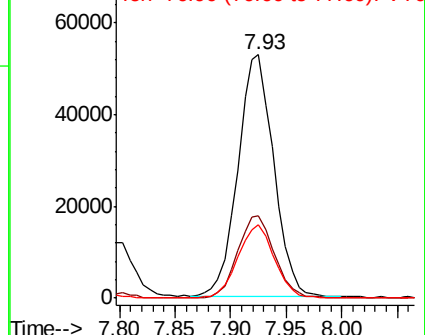
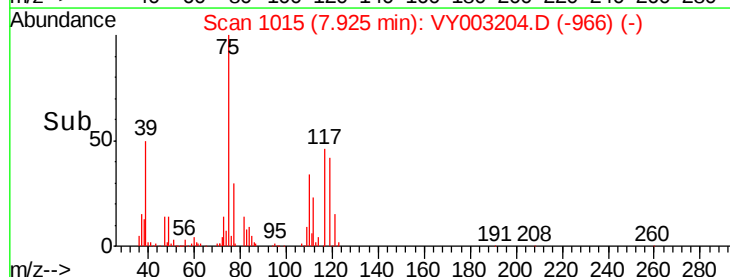
77 30.9 24.8 37.2

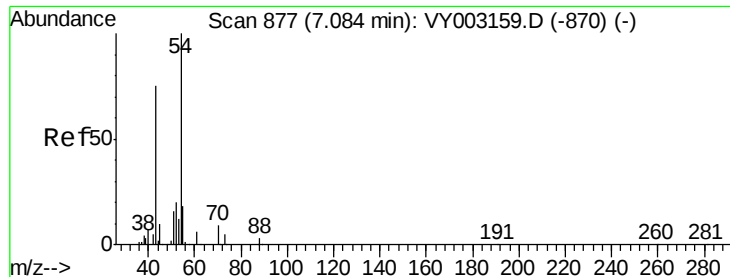


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

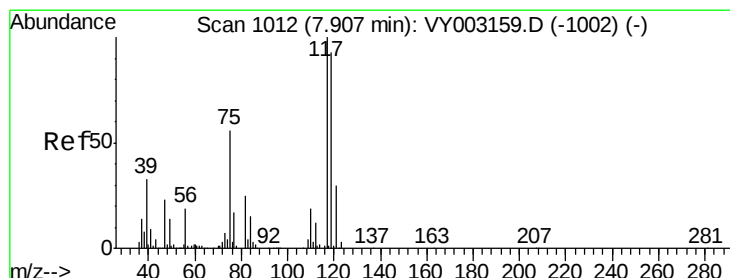
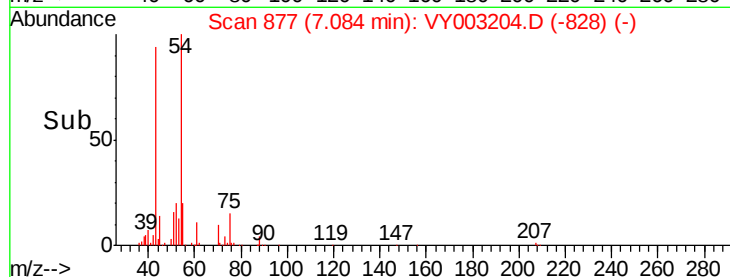
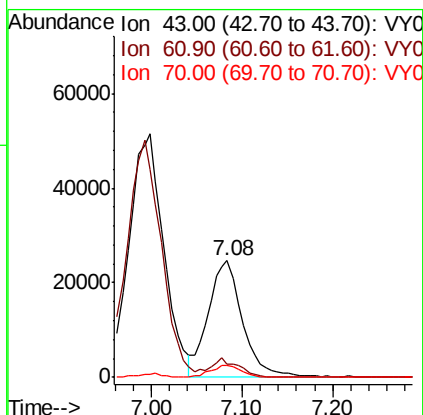
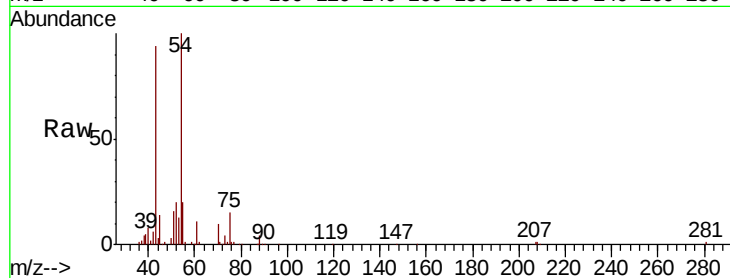




#37
Ethyl Acetate
Concen: 20.970 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

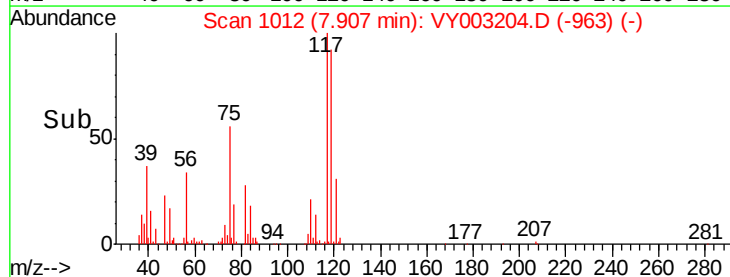
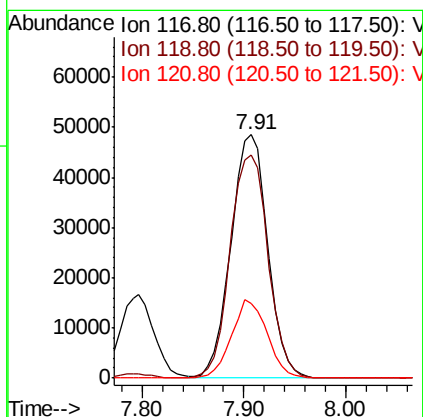
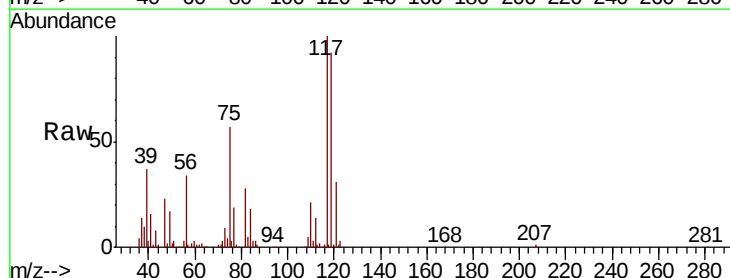
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

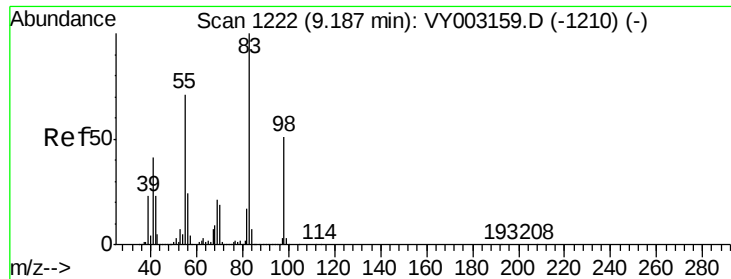
Tot Ion: 43 Resp: 64886
Ion Ratio Lower Upper
43 100
61 12.1 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.509 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 117 Resp: 121651
Ion Ratio Lower Upper
117 100
119 91.9 74.5 111.7
121 30.9 24.2 36.2

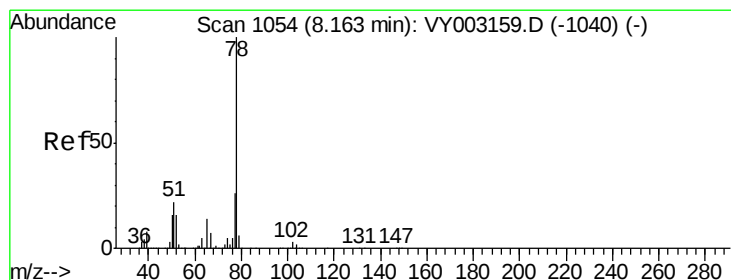
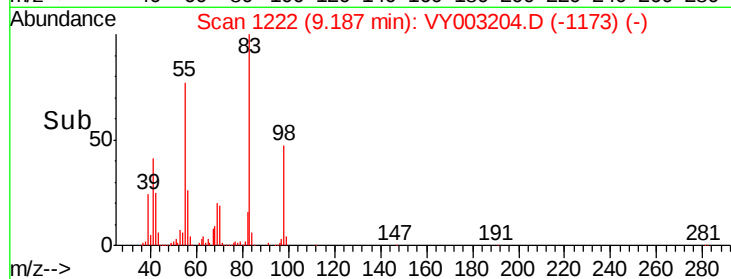
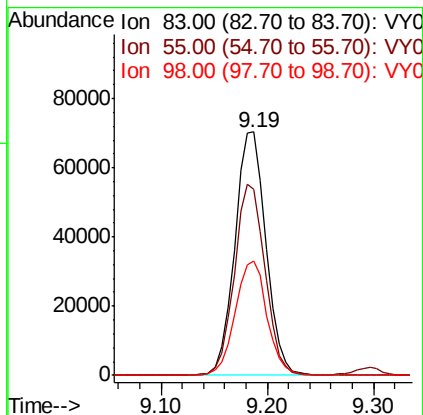
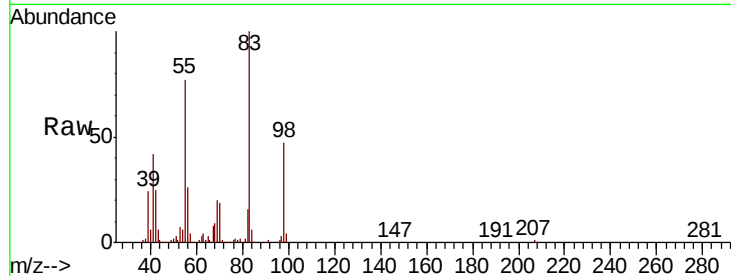




#39
Methvlcvclohexane
Concen: 20.039 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

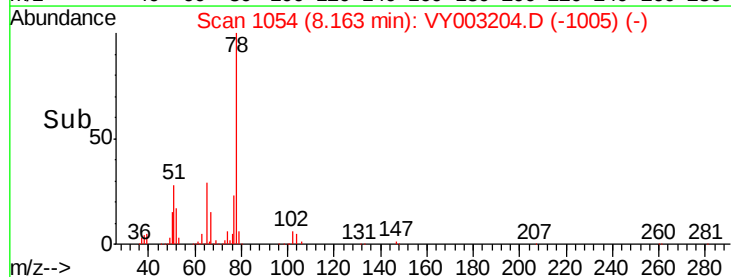
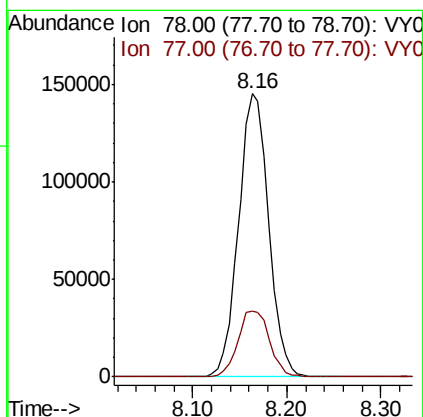
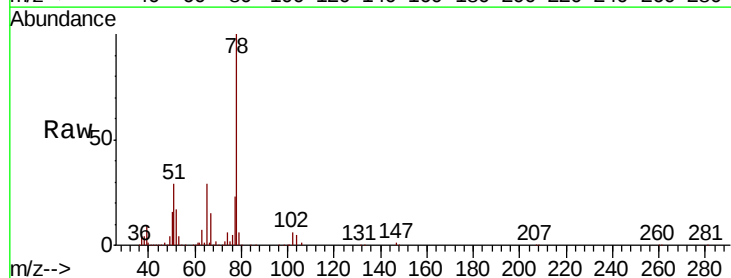
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

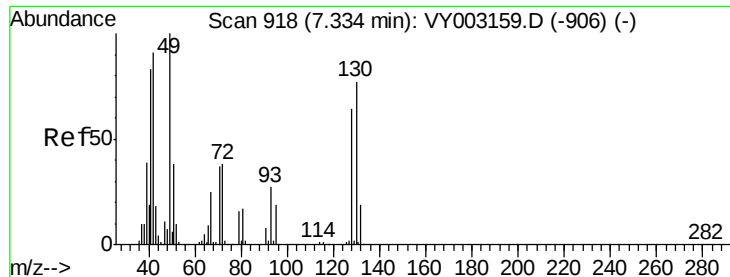
Tot Ion: 83 Resp: 144636
Ion Ratio Lower Upper
83 100
55 76.7 57.2 85.8
98 47.2 41.0 61.6



#40
Benzene
Concen: 20.480 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 78 Resp: 324009
Ion Ratio Lower Upper
78 100
77 23.1 20.7 31.1





#41

Methacrylonitrile

Concen: 45.872 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 41 Resp: 85485

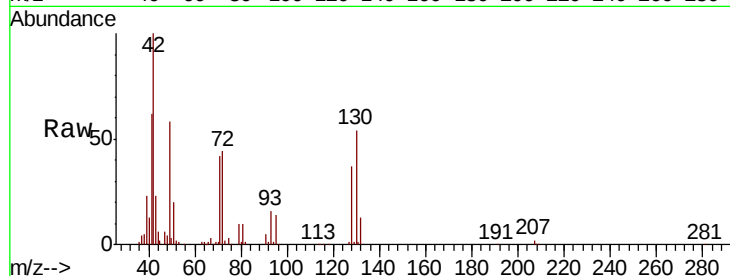
Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

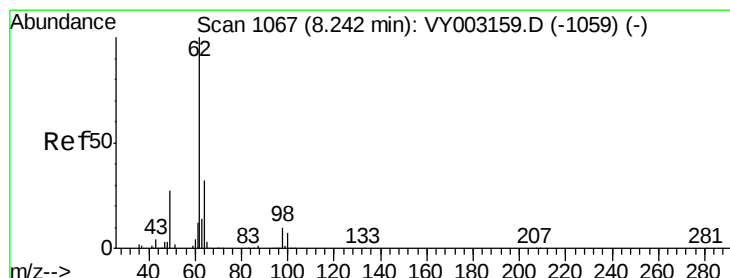
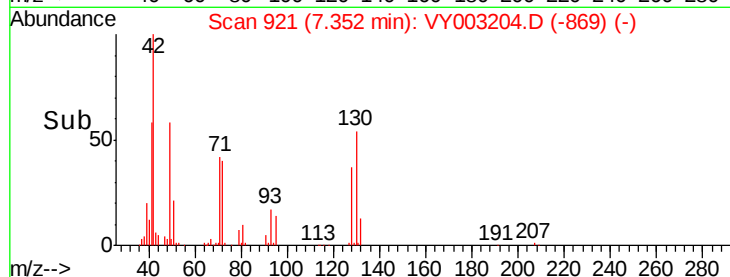
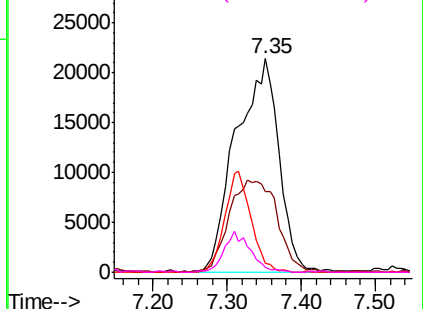


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.977 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003204.D

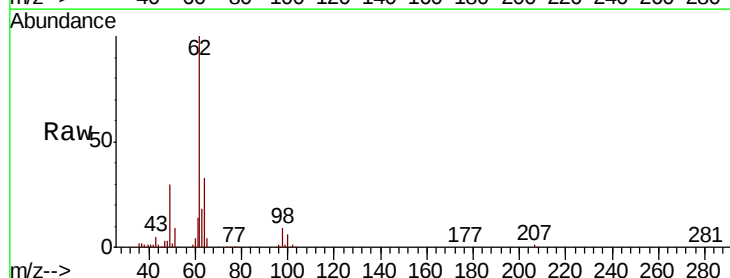
Acq: 16 Jul 2020 12:37

Tgt Ion: 62 Resp: 97298

Ion Ratio Lower Upper

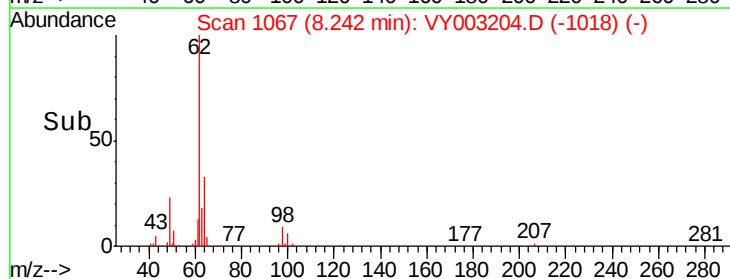
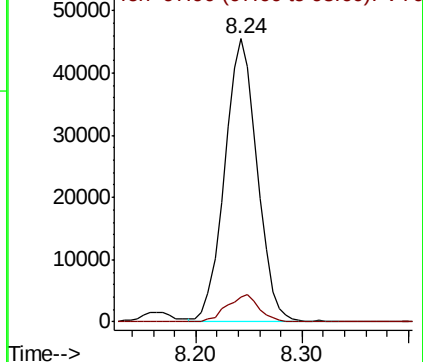
62 100

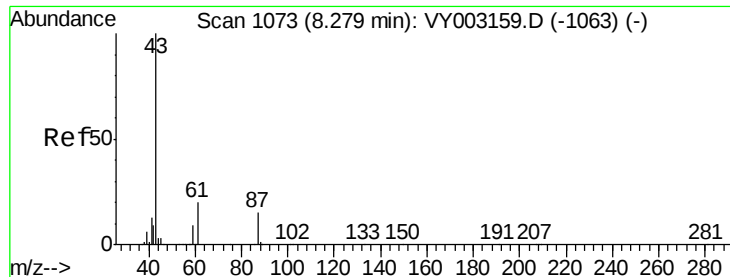
98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



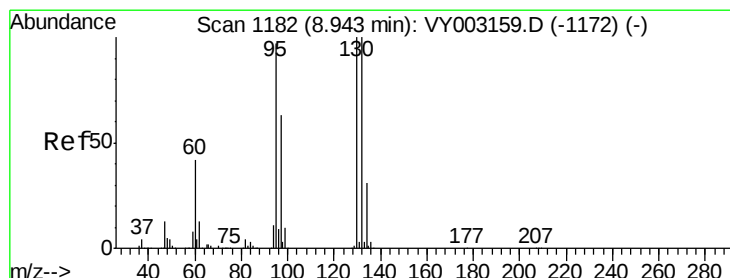
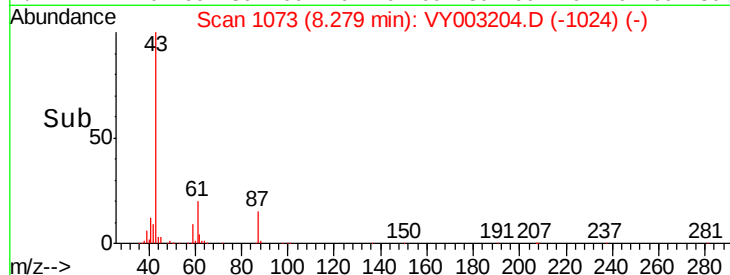
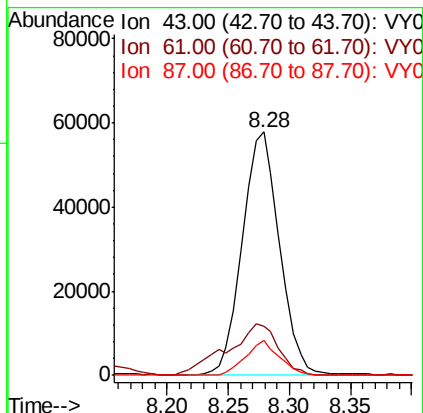
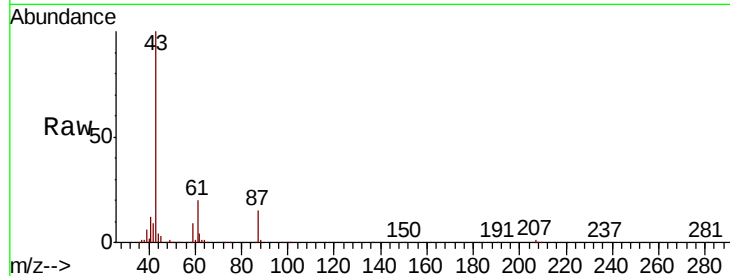


#43

Isopropyl Acetate
 Concen: 20.287 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

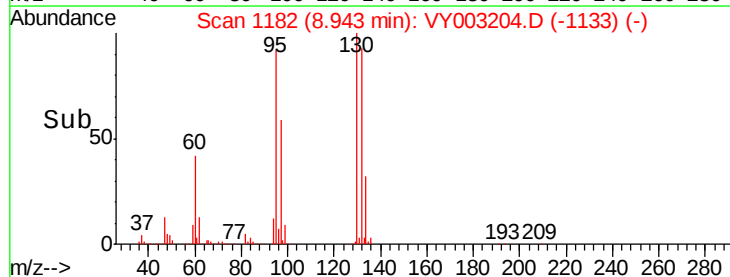
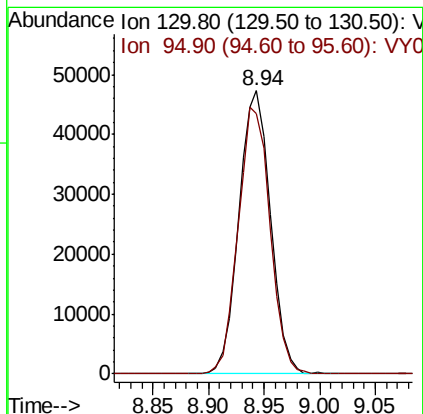
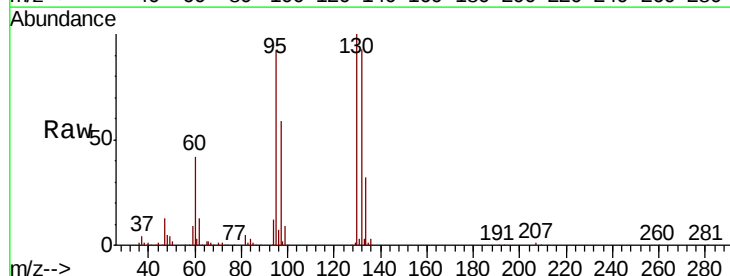
Tot Ion	43	Resp	121503
Ion Ratio	Lower	Upper	
43	100		
61	29.5	23.7	35.5
87	13.0	11.4	17.0

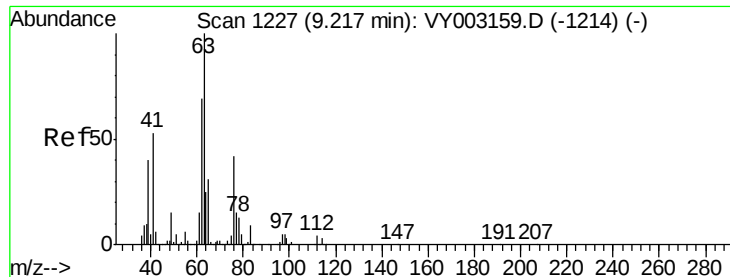


#44

Trichloroethene
 Concen: 19.189 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	130	Resp	93061
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	193.8

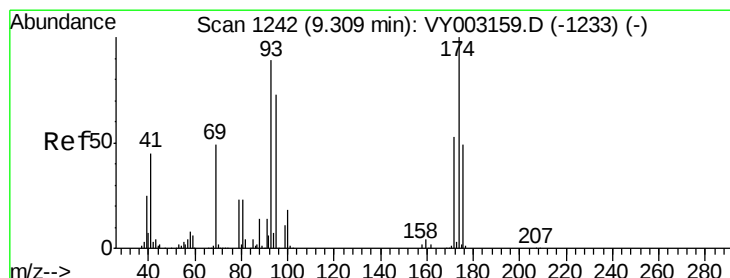
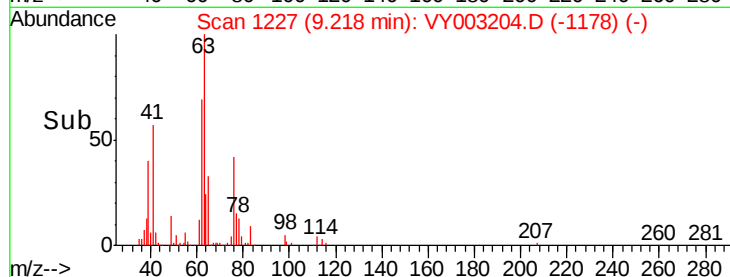
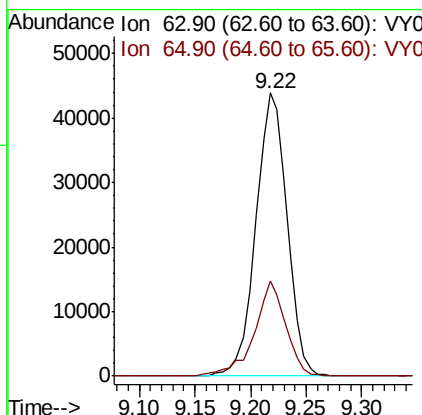
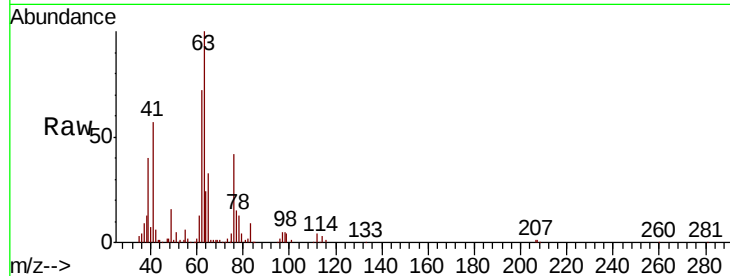




#45
 1,2-Dichloropropane
 Concen: 20.964 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

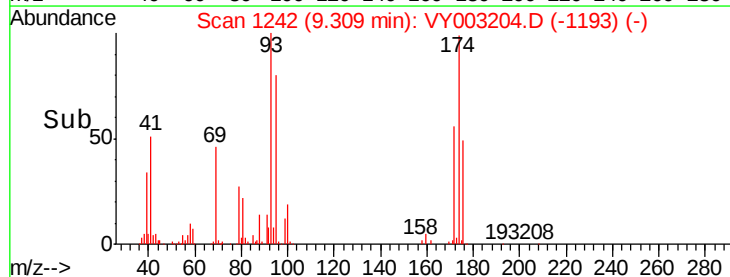
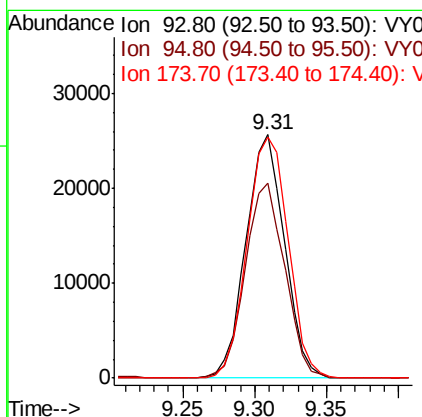
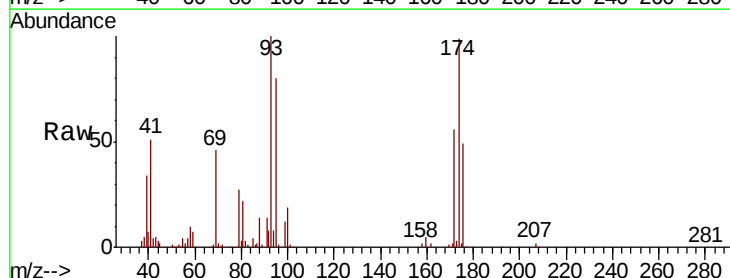
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

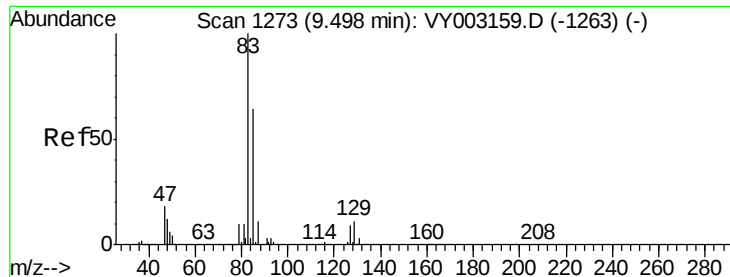
Tot Ion: 63 Resp: 85820
 Ion Ratio Lower Upper
 63 100
 65 33.5 25.0 37.4



#46
 Dibromomethane
 Concen: 19.834 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 93 Resp: 47422
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 105.5 90.2 135.4





#47

Bromodichloromethane

Concen: 20.291 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

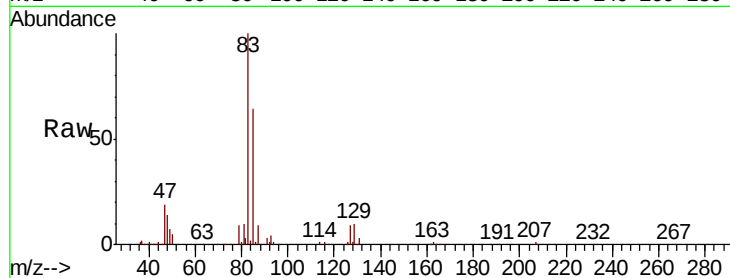
Tot Ion: 83 Resp: 115383

Ion Ratio Lower Upper

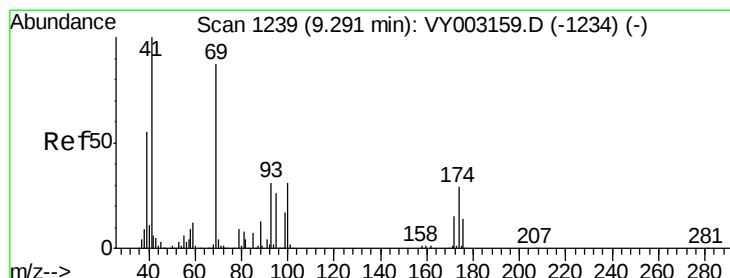
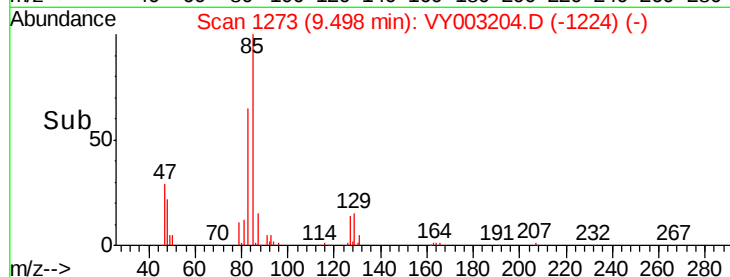
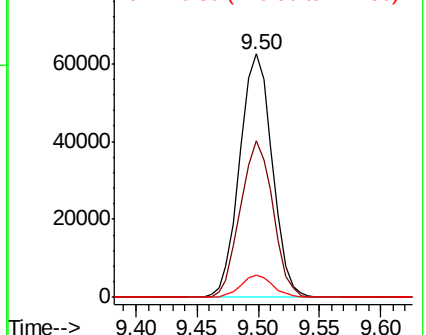
83 100

85 64.2 50.9 76.3

127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.858 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

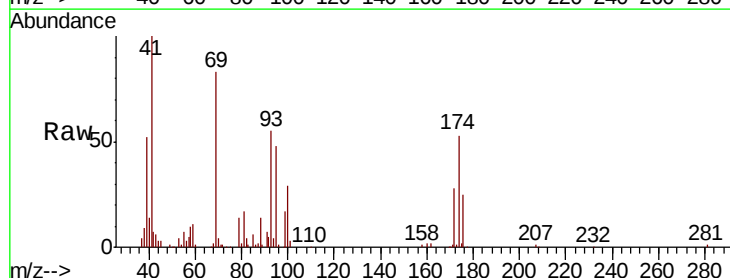
Tgt Ion: 41 Resp: 53169

Ion Ratio Lower Upper

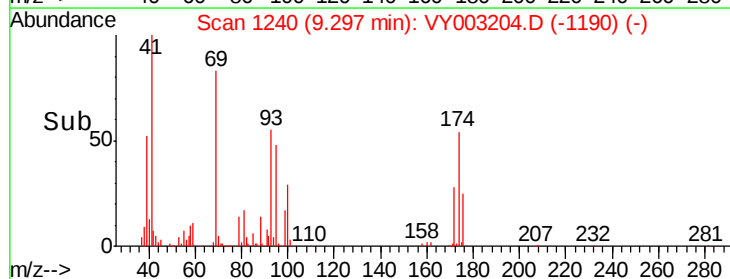
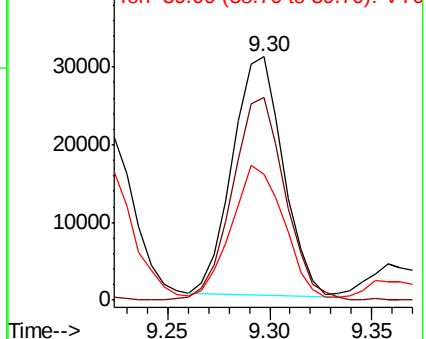
41 100

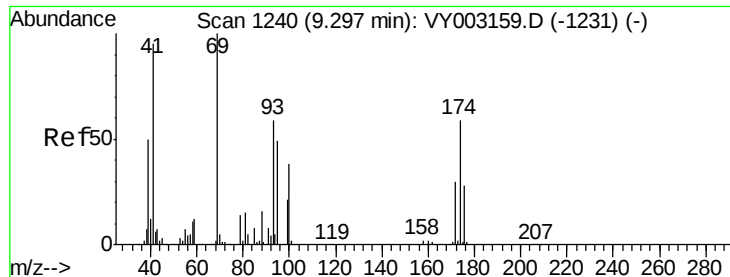
69 87.8 74.5 111.7

39 56.1 47.5 71.3



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

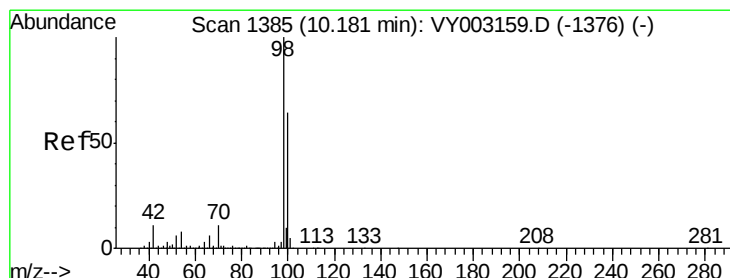
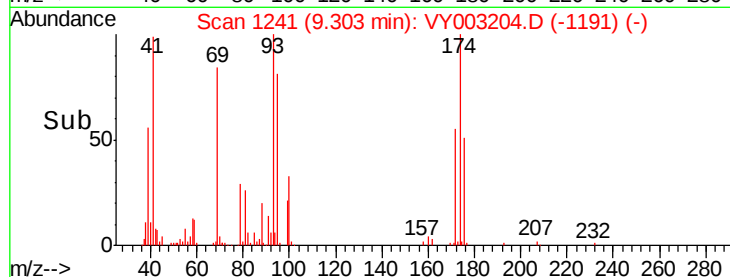
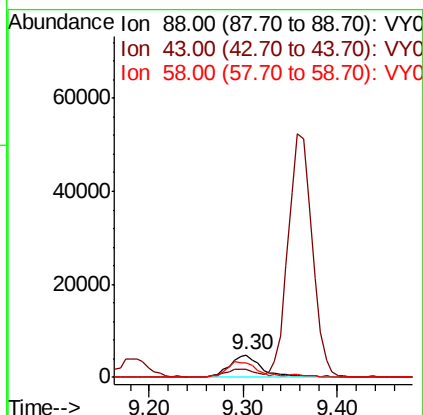
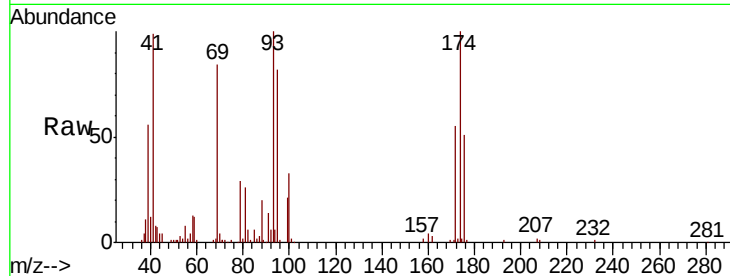




#49
1,4-Dioxane
Concen: 384.382 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

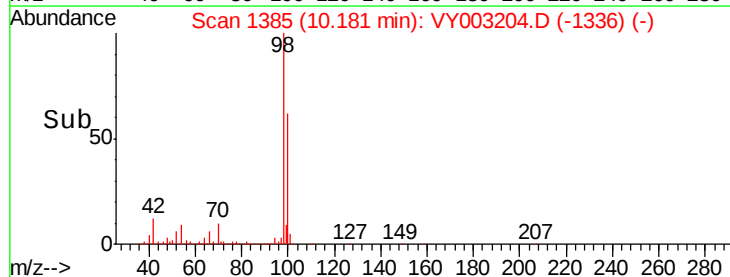
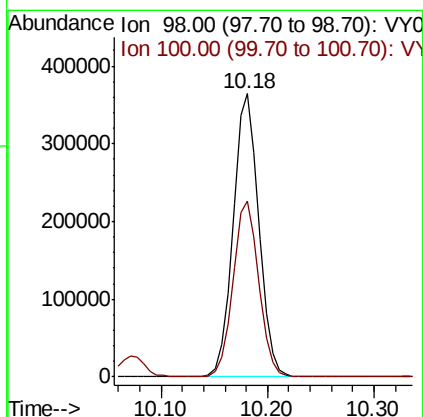
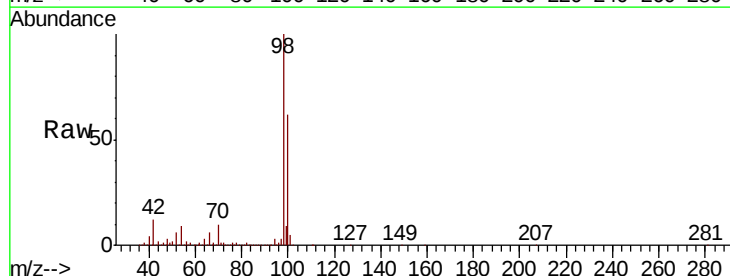
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

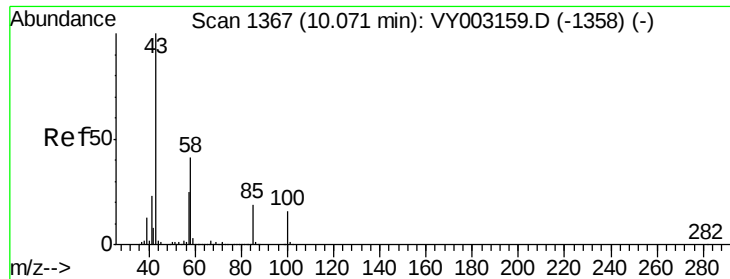
Tot Ion: 88 Resp: 11664
Ion Ratio Lower Upper
88 100
43 32.2 25.6 38.4
58 64.6 47.8 71.6



#50
Toluene-d8
Concen: 45.306 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 98 Resp: 614507
Ion Ratio Lower Upper
98 100
100 62.5 50.7 76.1

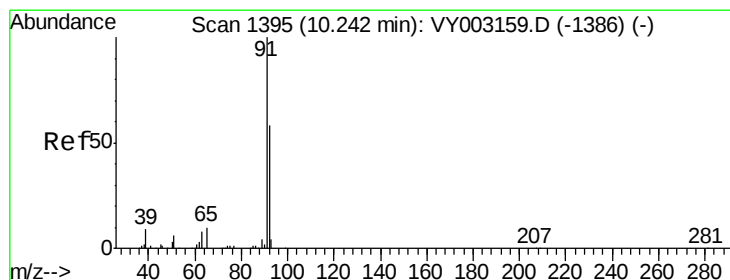
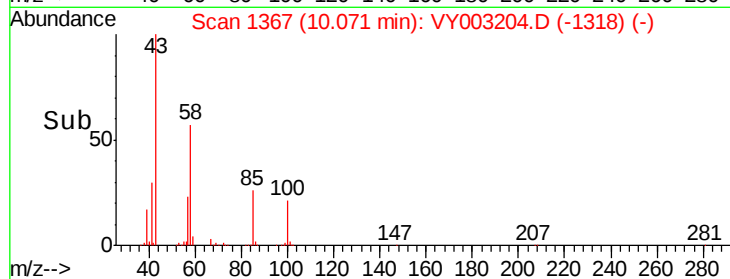
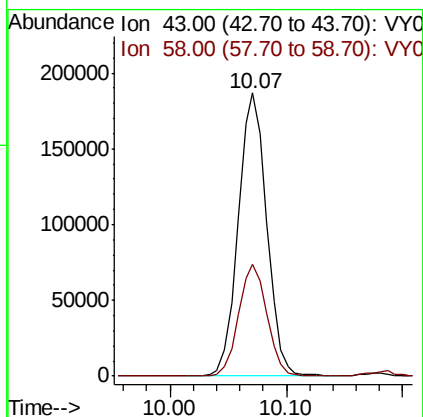
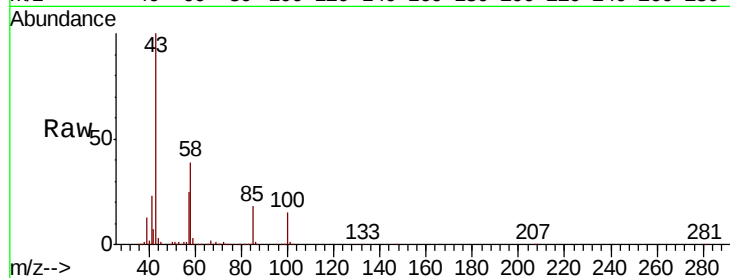




#51
4-Methyl-2-Pentanone
Concen: 101.893 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

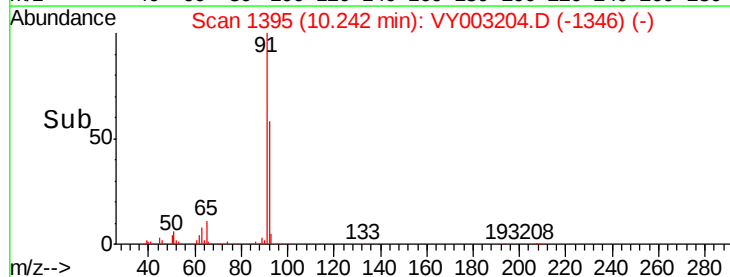
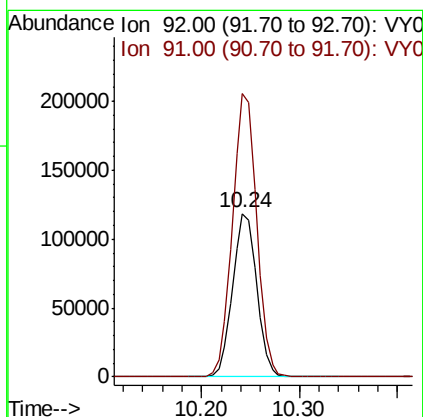
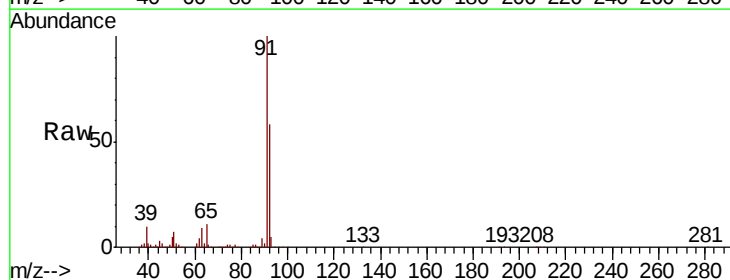
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

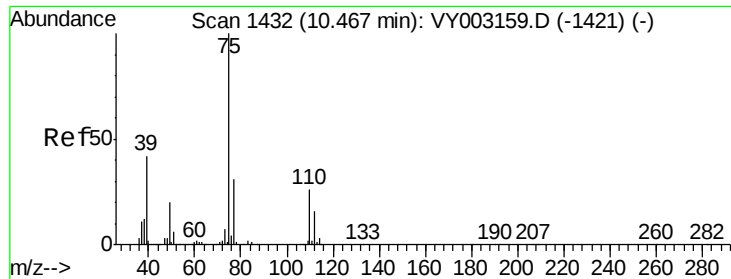
Tot Ion: 43 Resp: 317193
Ion Ratio Lower Upper
43 100
58 39.4 32.7 49.1



#52
Toluene
Concen: 20.082 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 92 Resp: 203065
Ion Ratio Lower Upper
92 100
91 174.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.773 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

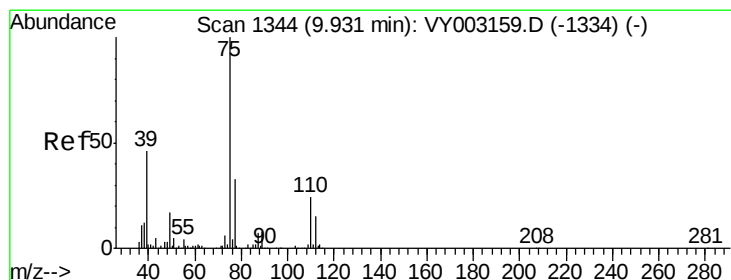
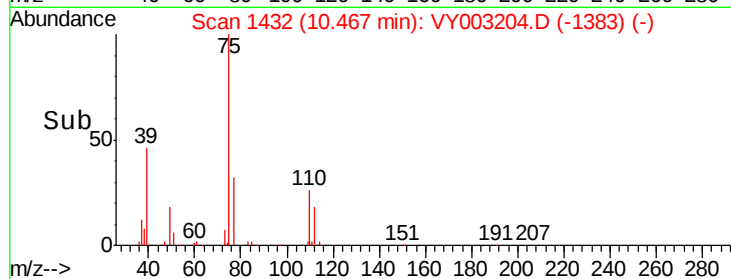
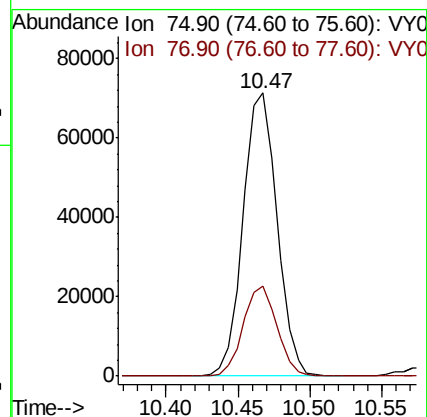
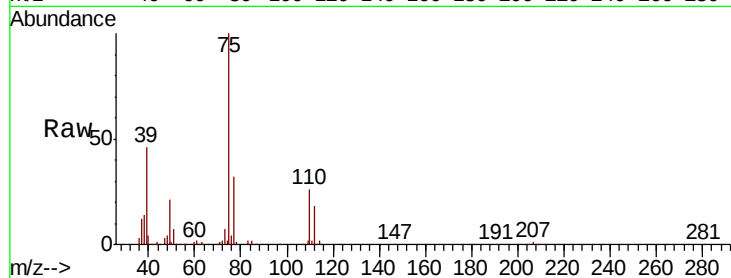
VY0716SBS01

Tot Ion: 75 Resp: 116497

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.068 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

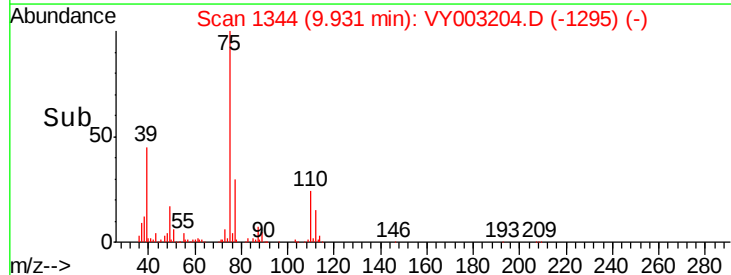
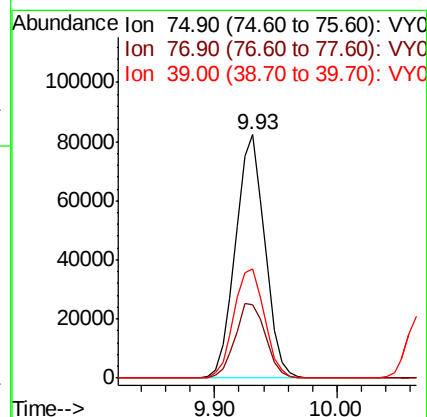
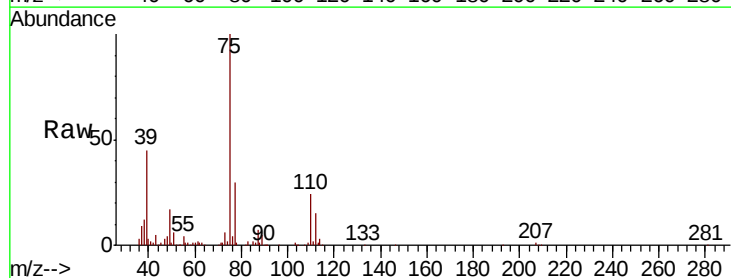
Tgt Ion: 75 Resp: 136230

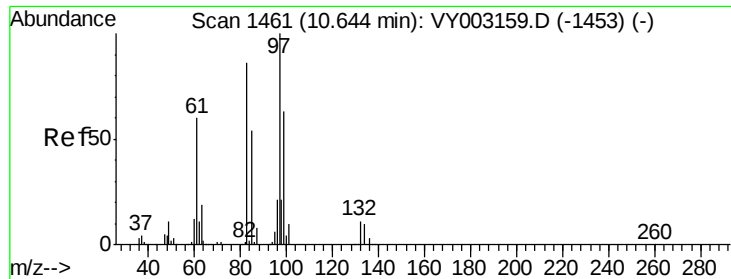
Ion Ratio Lower Upper

75 100

77 29.9 26.7 40.1

39 44.7 37.0 55.6

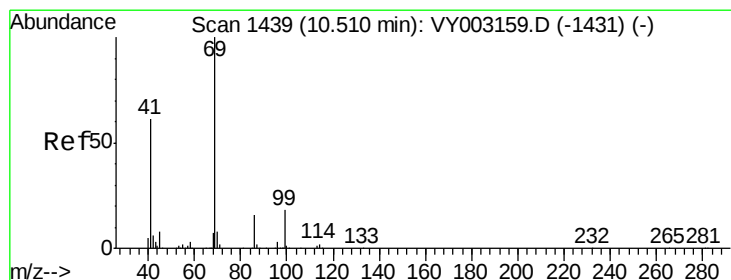
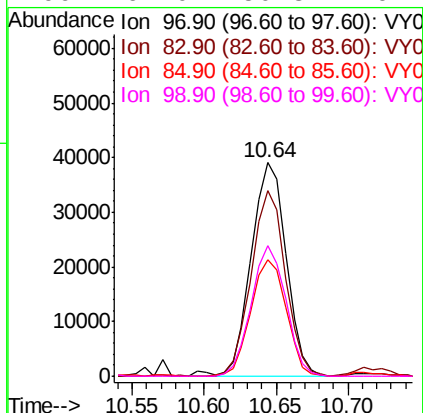
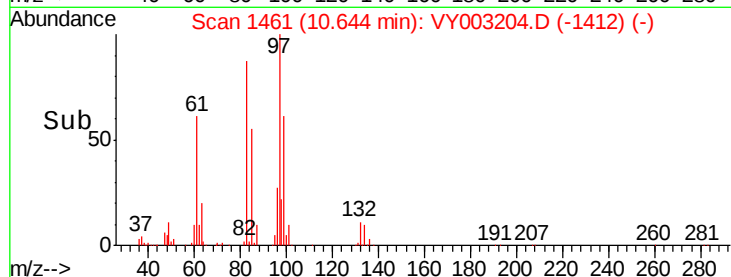
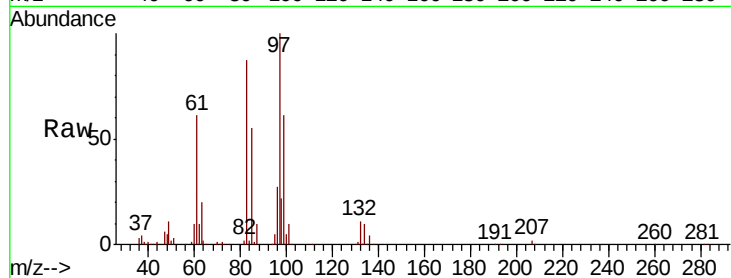




#55
 1,1,2-Trichloroethane
 Concen: 19.503 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

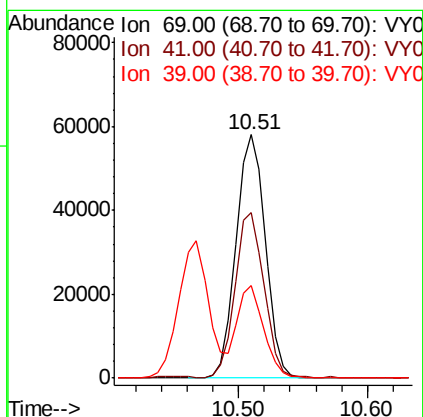
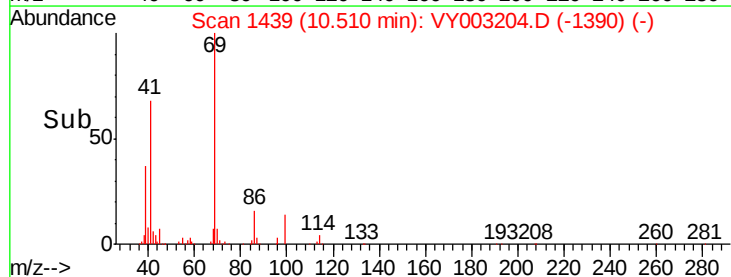
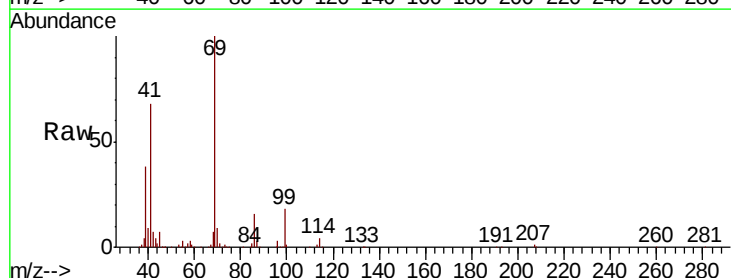
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

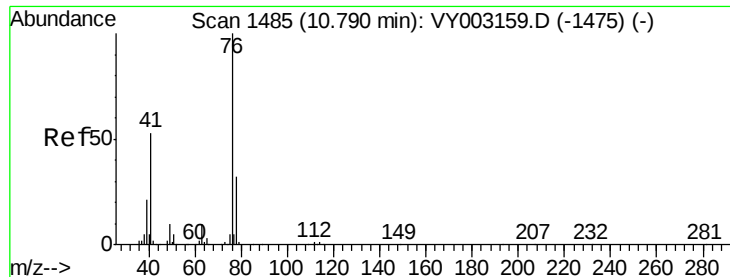
Tot Ion: 97 Resp: 66078
 Ion Ratio Lower Upper
 97 100
 83 86.5 68.8 103.2
 85 54.3 43.1 64.7
 99 61.0 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 19.893 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 69 Resp: 91632
 Ion Ratio Lower Upper
 69 100
 41 66.8 50.0 75.0
 39 33.7 27.6 41.4





#57

1,3-Dichloropropane

Concen: 19.621 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

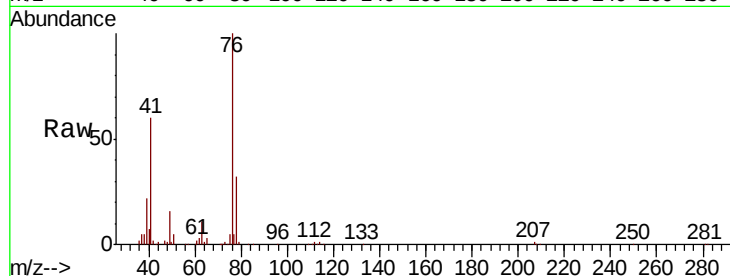
VY0716SBS01

Tot Ion: 76 Resp: 112717

Ion Ratio Lower Upper

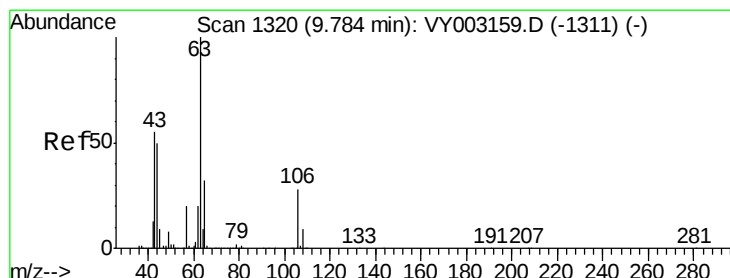
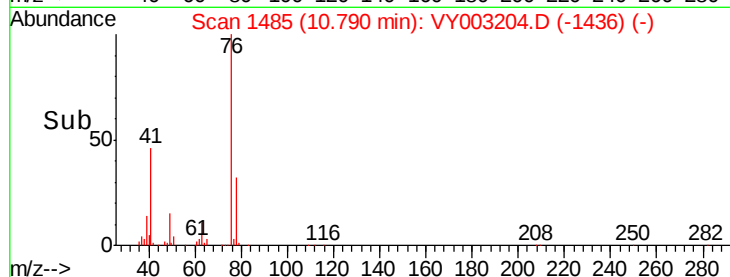
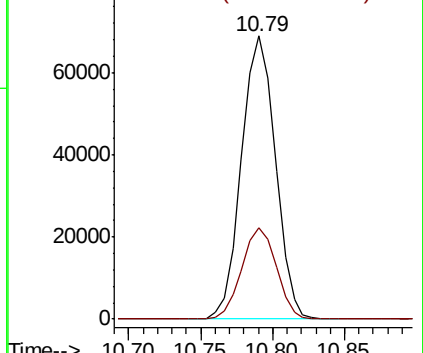
76 100

78 32.7 26.0 39.0



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: 103.611 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003204.D

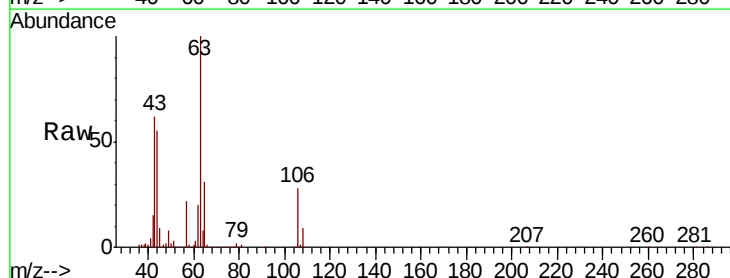
Acq: 16 Jul 2020 12:37

Tgt Ion: 63 Resp: 243396

Ion Ratio Lower Upper

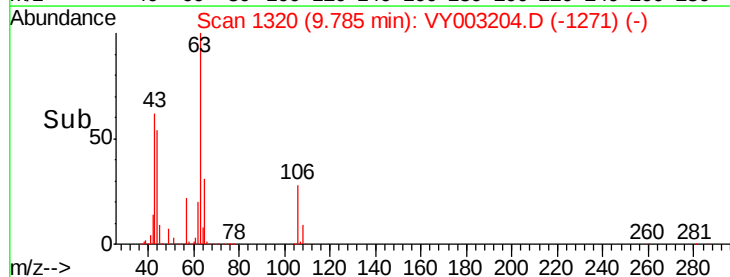
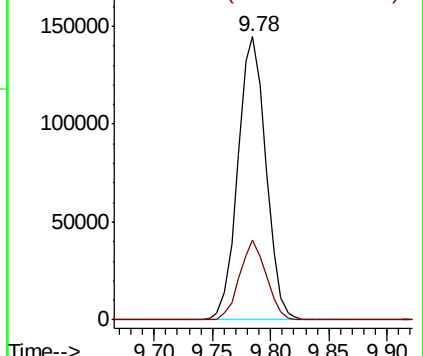
63 100

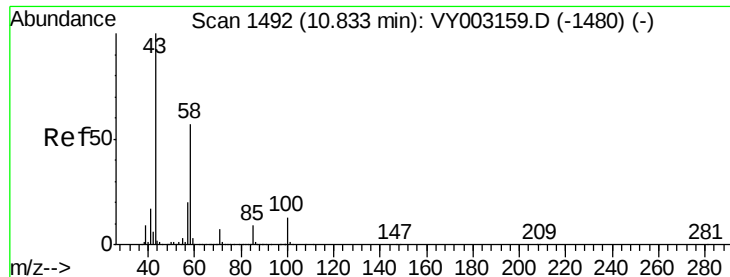
106 27.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

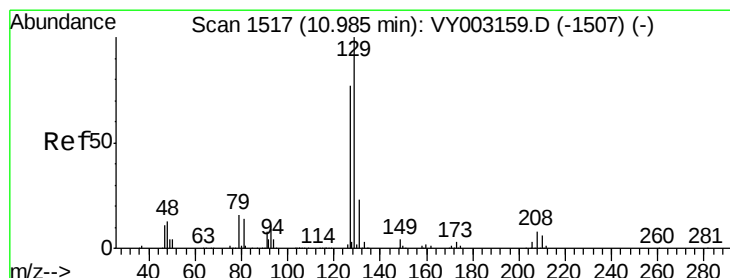
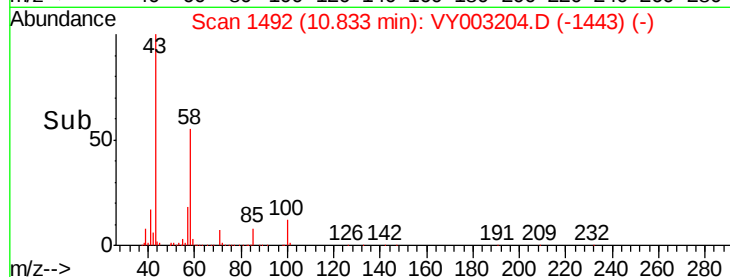
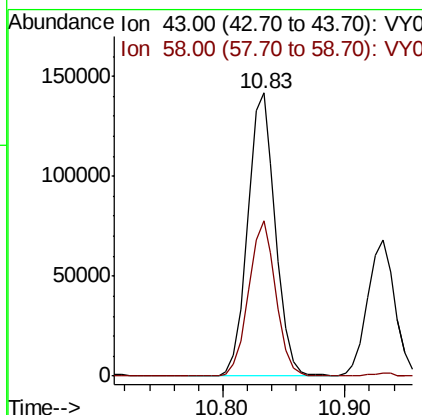
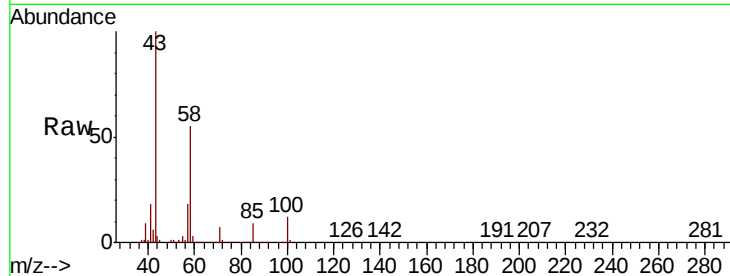




#59
2-Hexanone
Concen: 102.038 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

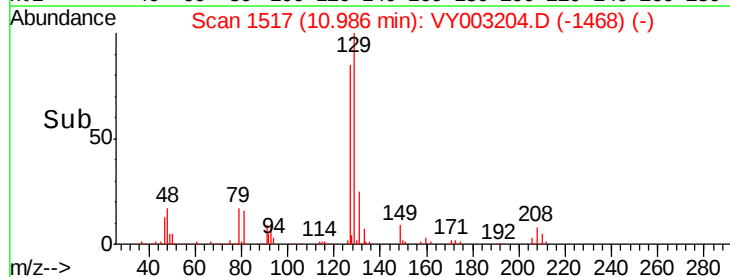
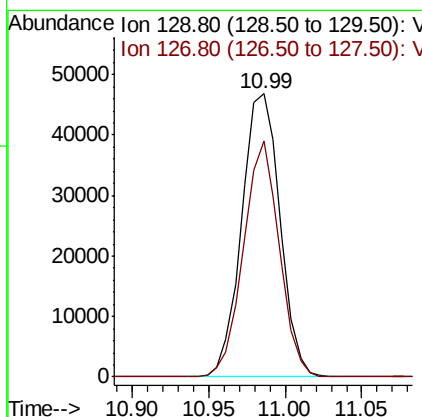
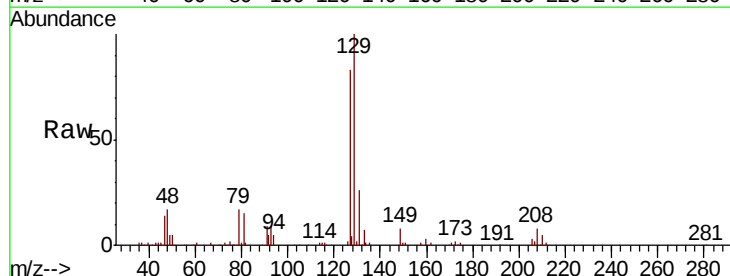
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

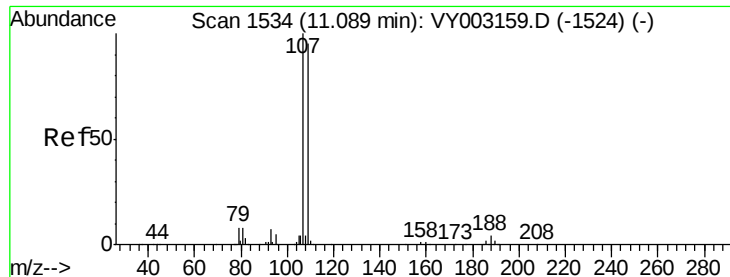
Tot Ion: 43 Resp: 221740
Ion Ratio Lower Upper
43 100
58 54.4 28.3 85.0



#60
Dibromochloromethane
Concen: 19.177 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 129 Resp: 81718
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.801 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

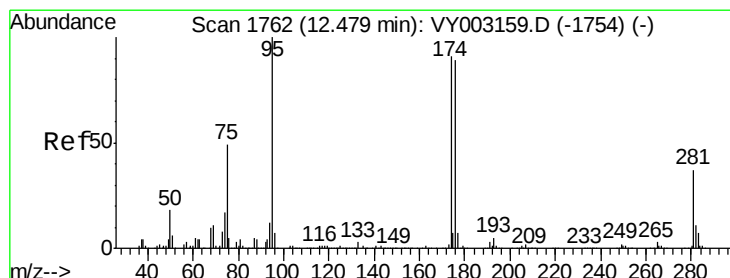
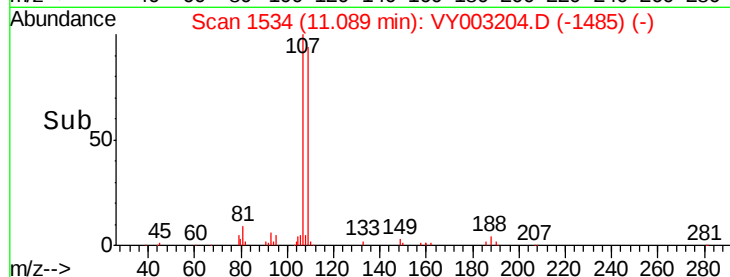
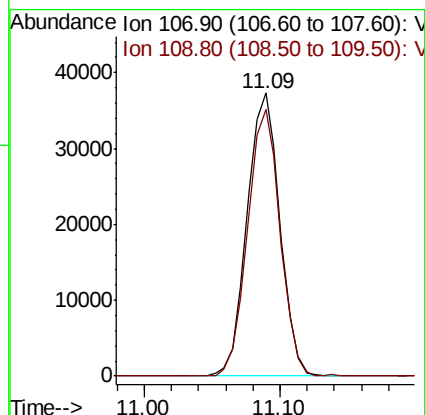
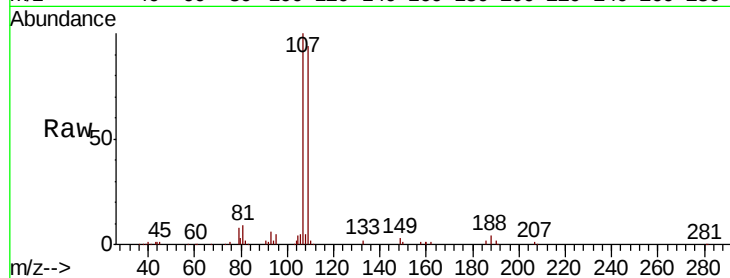
VY0716SBS01

Tot Ion:107 Resp: 62868

Ion Ratio Lower Upper

107 100

109 93.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 44.421 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

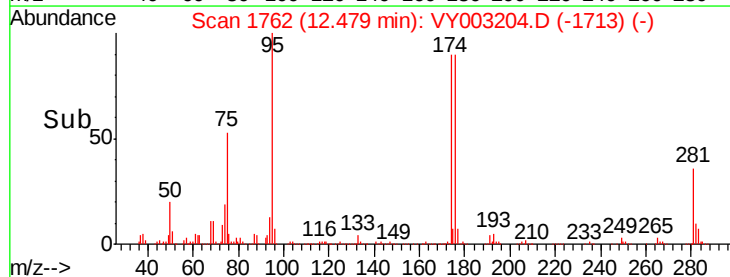
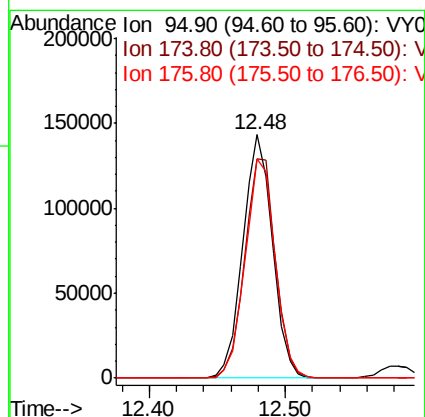
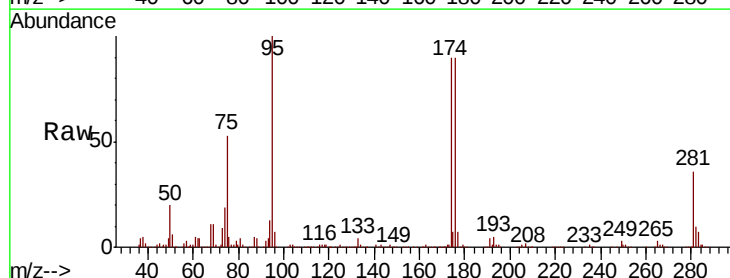
Tgt Ion: 95 Resp: 217659

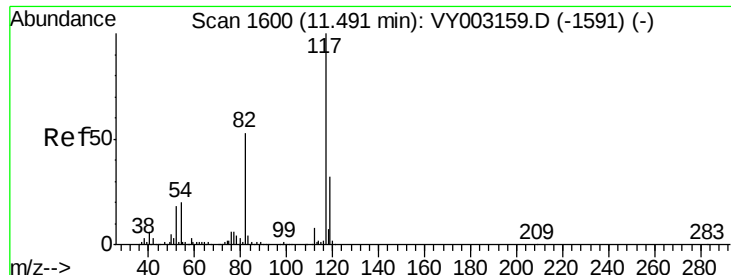
Ion Ratio Lower Upper

95 100

174 94.0 0.0 190.6

176 91.4 0.0 186.4

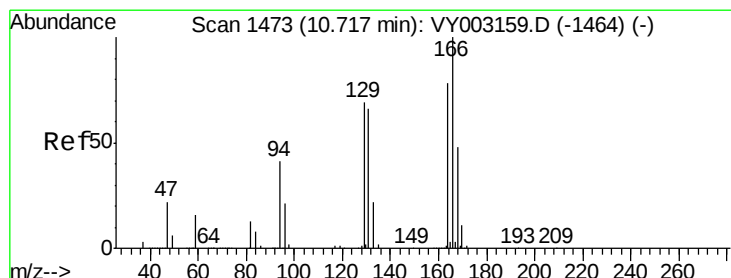
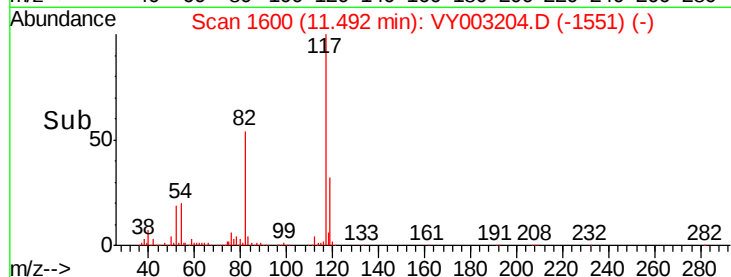
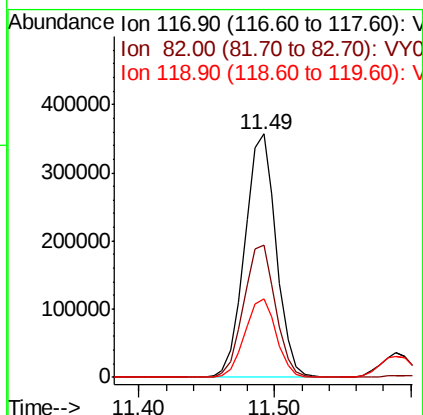
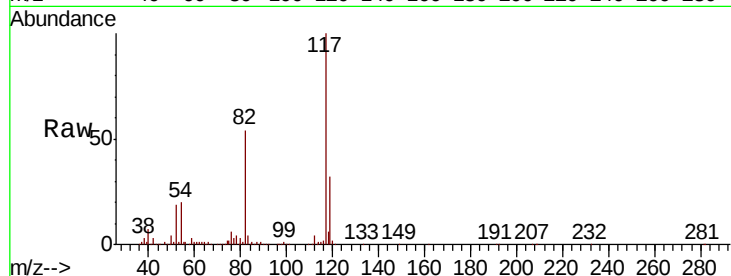




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

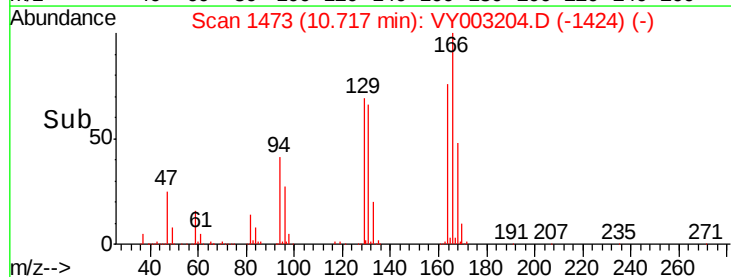
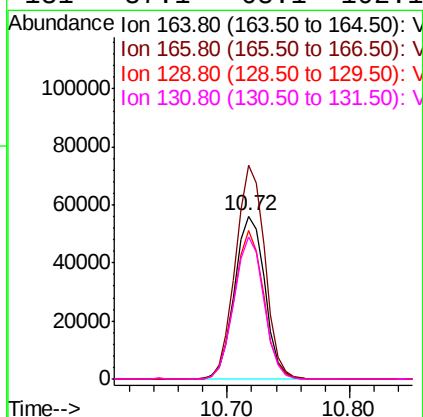
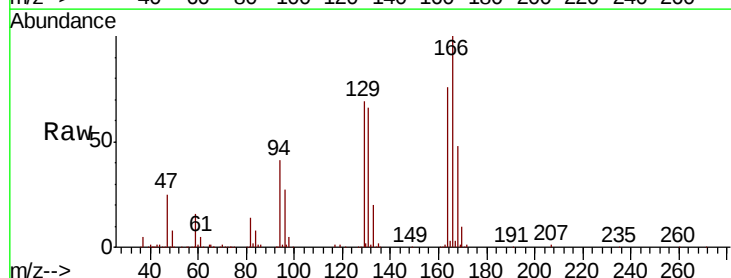
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

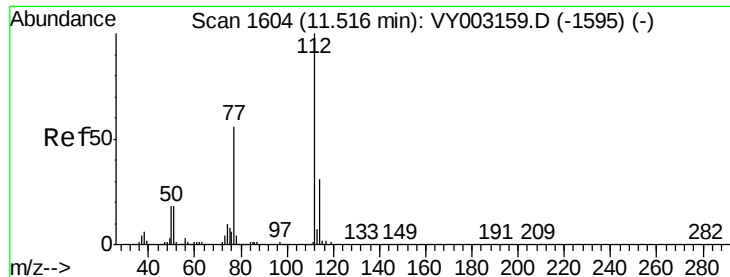
Tot Ion:117 Resp: 575195
Ion Ratio Lower Upper
117 100
82 54.5 42.0 63.0
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 18.644 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion:164 Resp: 95619
Ion Ratio Lower Upper
164 100
166 131.1 102.9 154.3
129 90.8 71.4 107.2
131 87.1 68.1 102.1

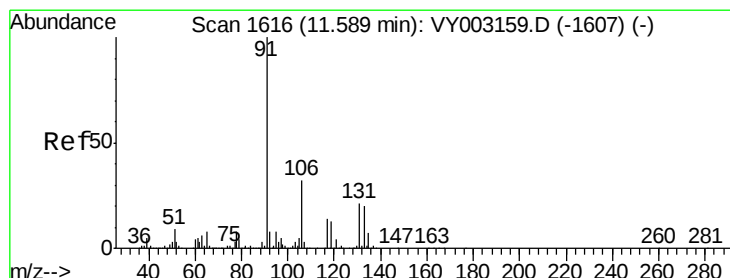
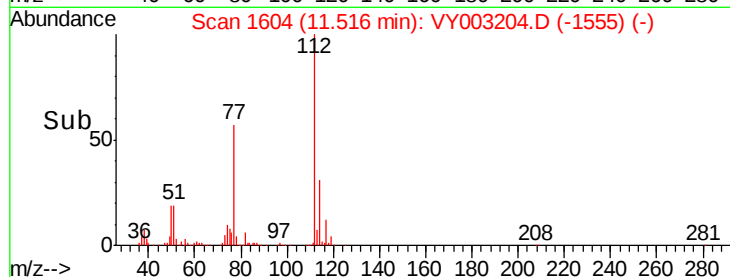
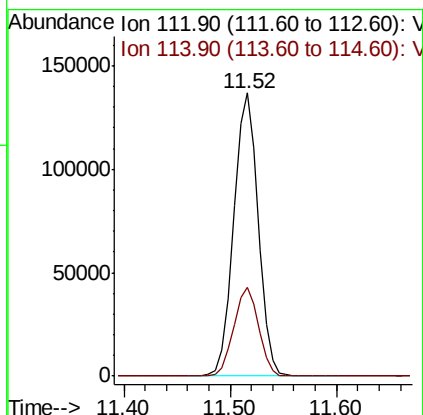
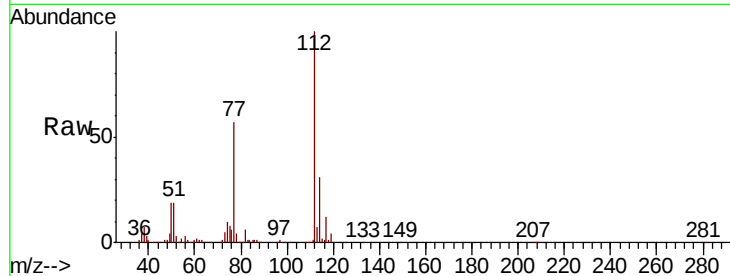




#65
Chlorobenzene
Concen: 19.879 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

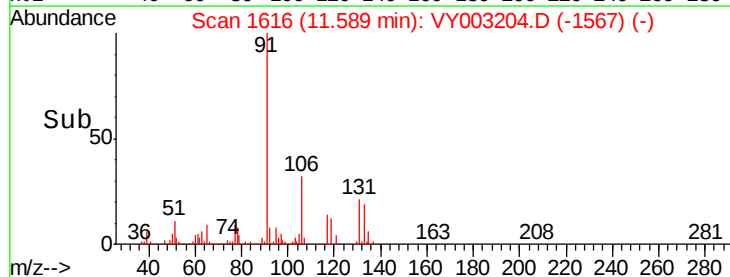
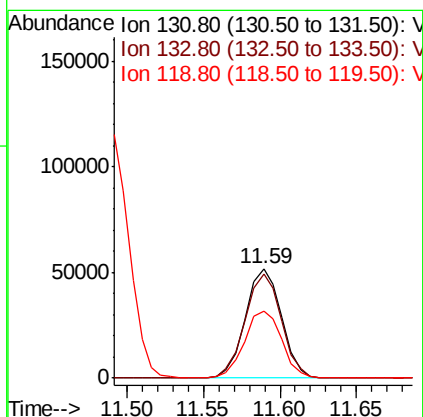
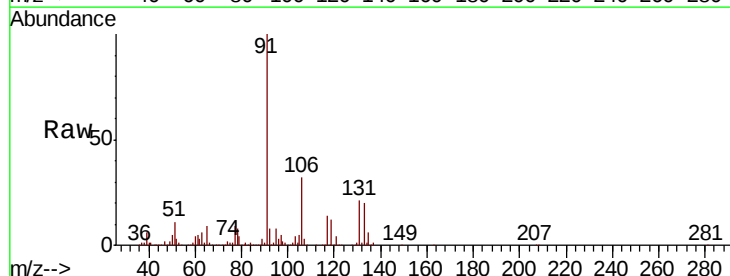
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

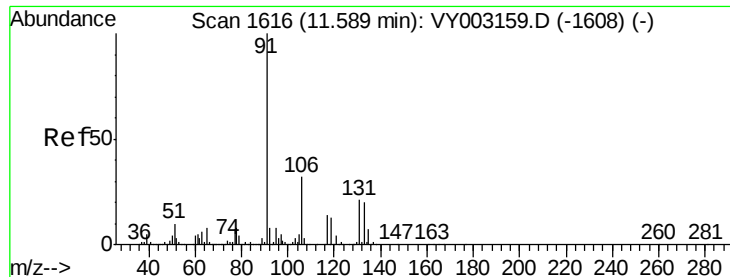
Tot Ion:112 Resp: 220275
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion:131 Resp: 84899
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 63.3 32.4 97.0

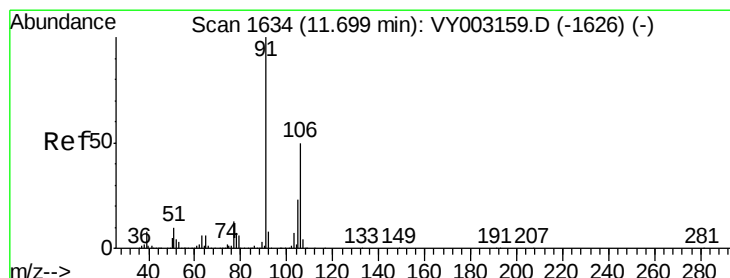
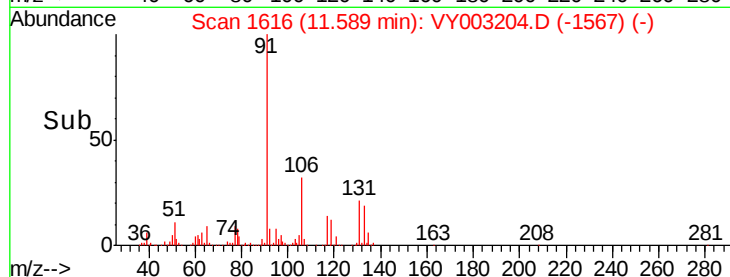
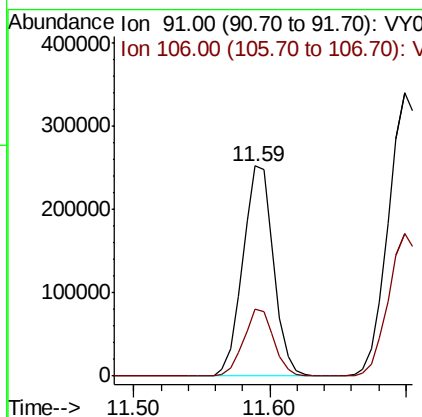
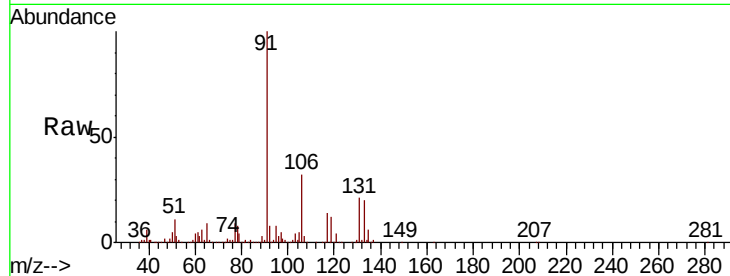




#67
Ethyl Benzene
Concen: 20.132 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

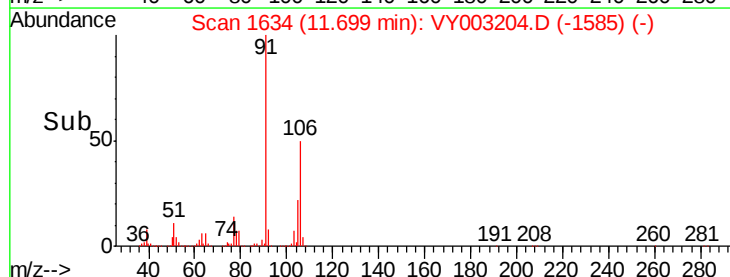
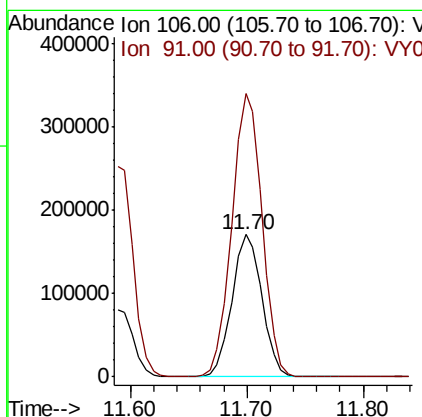
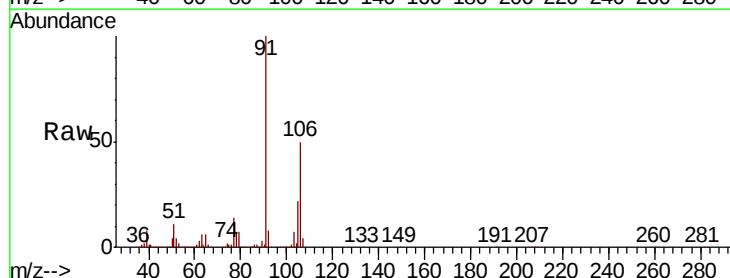
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

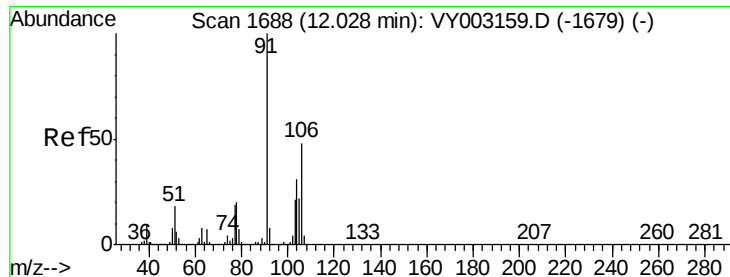
Tot Ion: 91 Resp: 398316
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 40.595 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 106 Resp: 304744
Ion Ratio Lower Upper
106 100
91 200.6 159.0 238.6

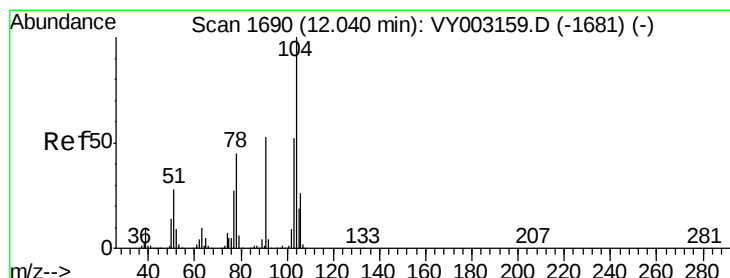
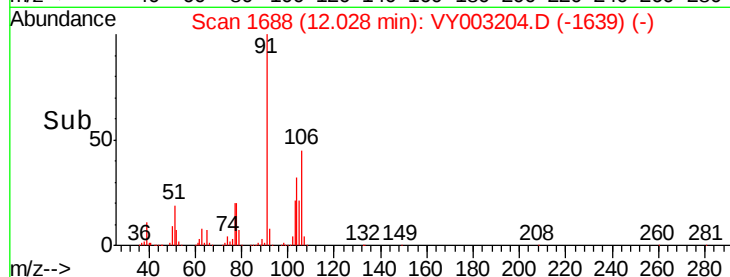
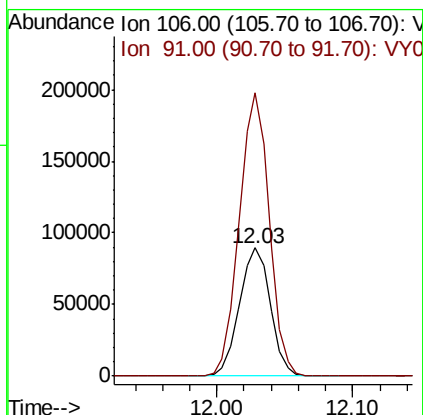
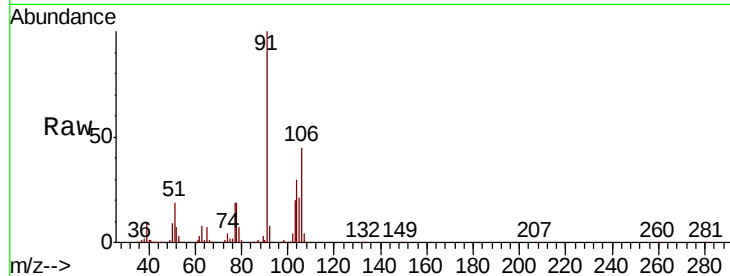




#69
o-Xylene
Concen: 20.292 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

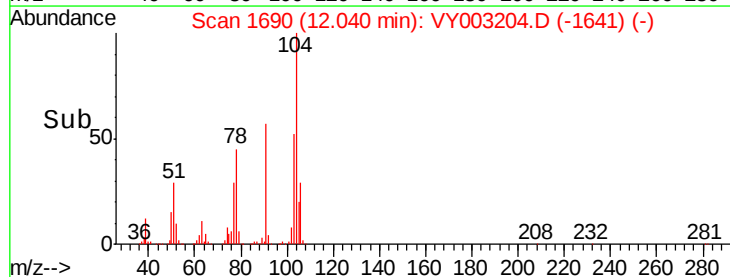
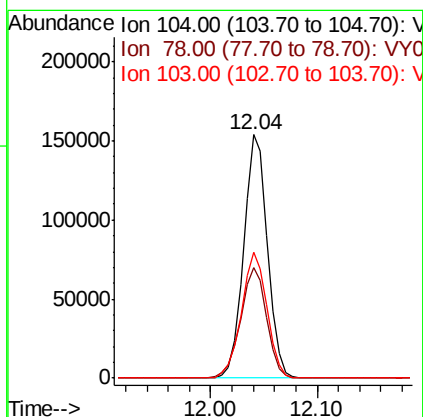
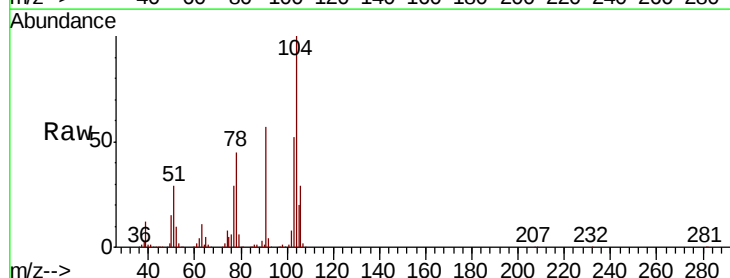
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

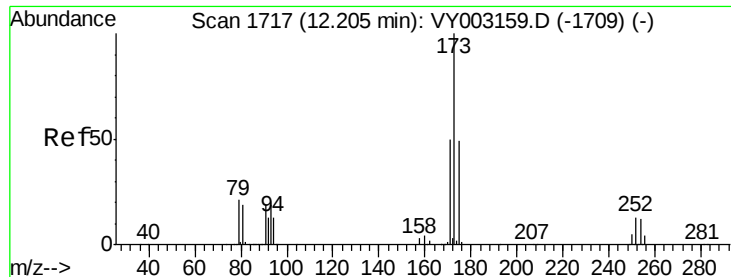
Tot Ion:106 Resp: 142309
Ion Ratio Lower Upper
106 100
91 213.4 105.1 315.1



#70
Styrene
Concen: 20.012 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion:104 Resp: 240087
Ion Ratio Lower Upper
104 100
78 49.6 38.5 57.7
103 55.8 43.9 65.9

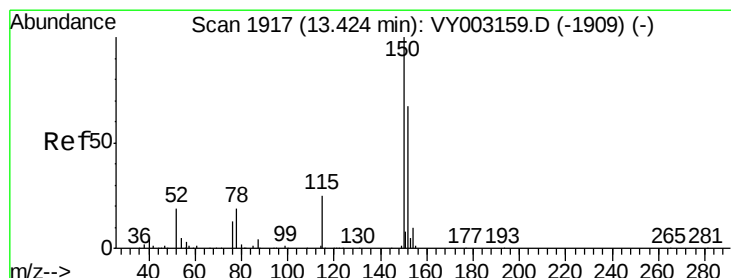
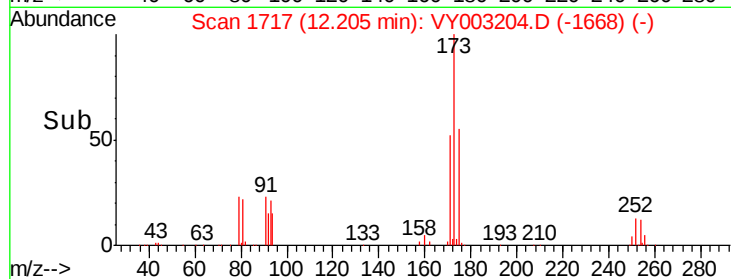
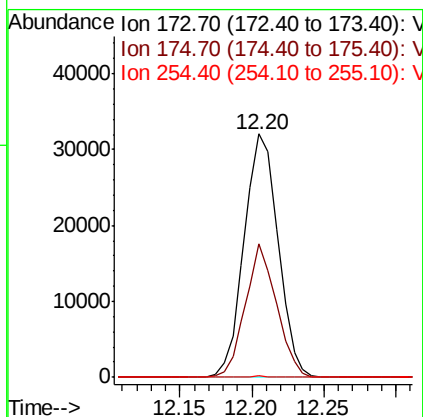
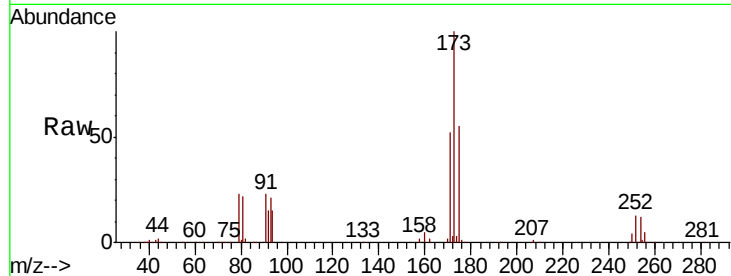




#71
Bromoform
Concen: 18.520 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

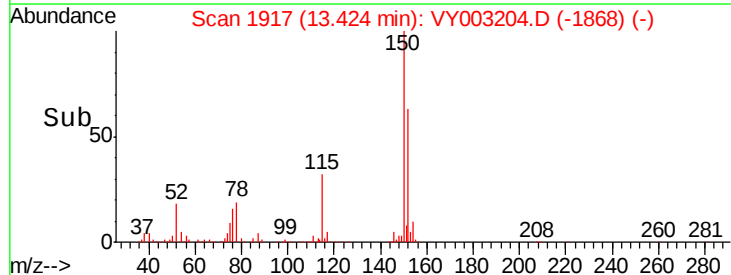
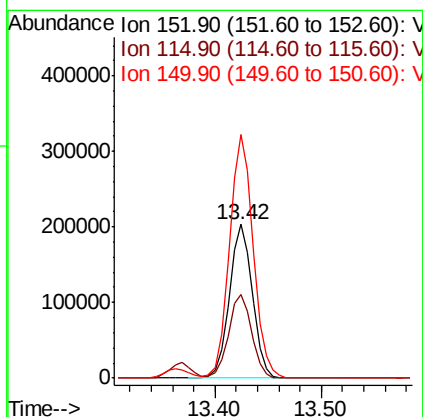
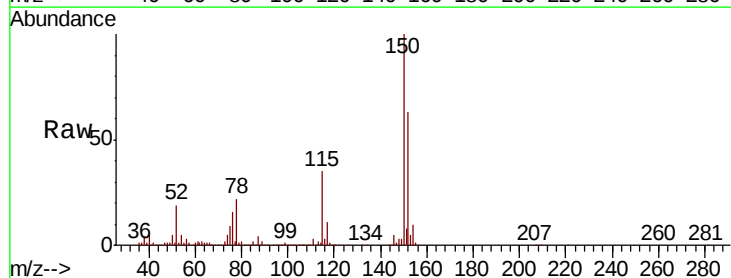
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

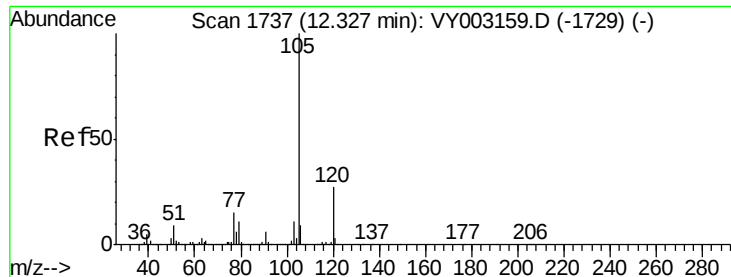
Tot Ion:173 Resp: 52314
Ion Ratio Lower Upper
173 100
175 50.1 24.3 73.0
254 0.4 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion:152 Resp: 305762
Ion Ratio Lower Upper
152 100
115 55.0 26.9 80.7
150 163.8 0.0 338.0





#73

Isopropylbenzene

Concen: 20.039 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

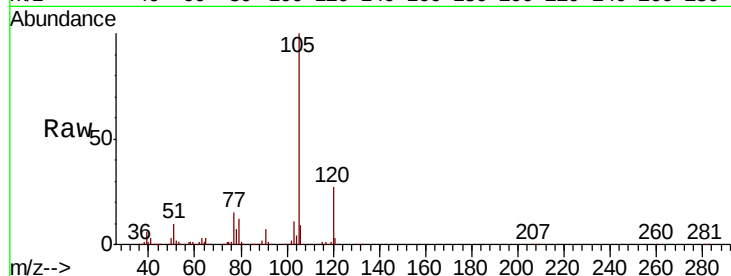
VY0716SBS01

Tot Ion: 105 Resp: 390459

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

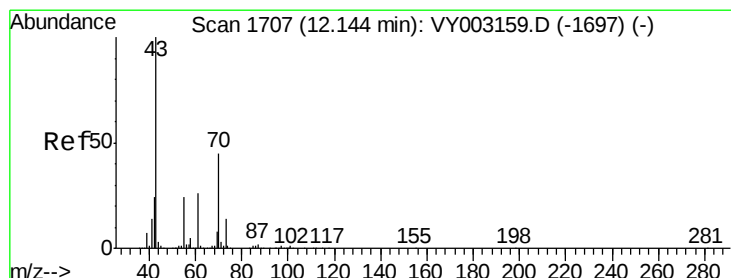
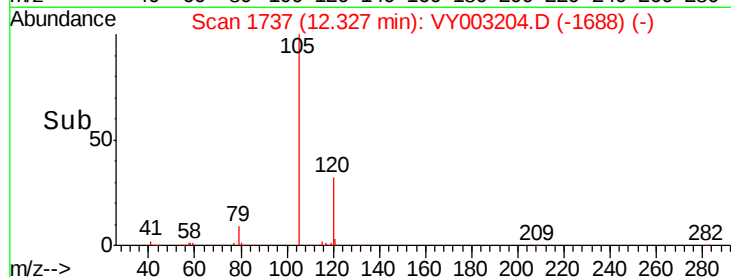
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.569 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion: 43 Resp: 112457

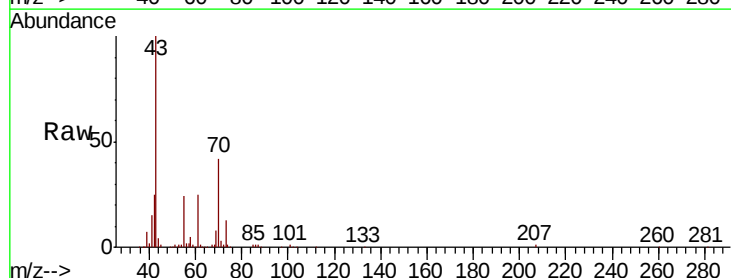
Ion Ratio Lower Upper

43 100

70 42.0 35.6 53.4

55 24.3 19.4 29.2

61 24.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

120000

100000

80000

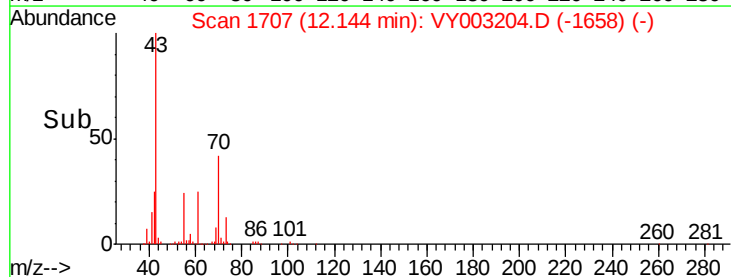
60000

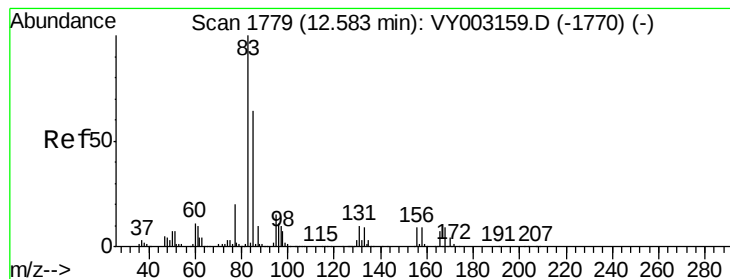
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.951 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

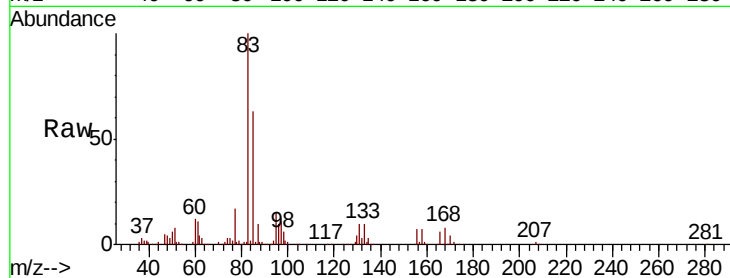
Tot Ion: 83 Resp: 75081

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

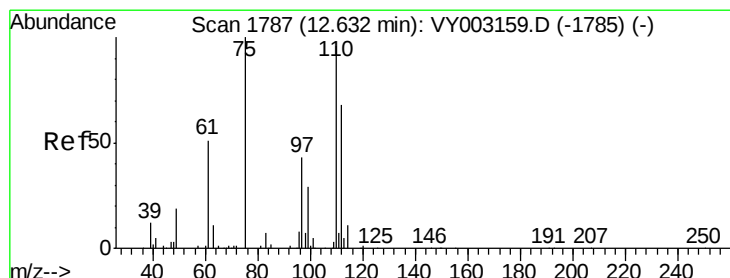
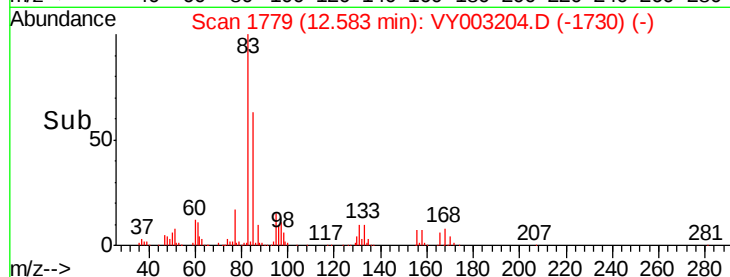
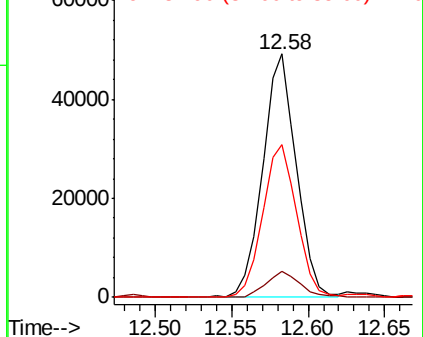
85 63.7 32.0 96.0



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: 37.370 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003204.D

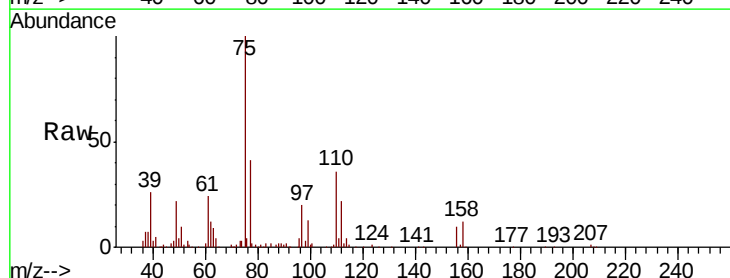
Acq: 16 Jul 2020 12:37

Tgt Ion: 75 Resp: 101142

Ion Ratio Lower Upper

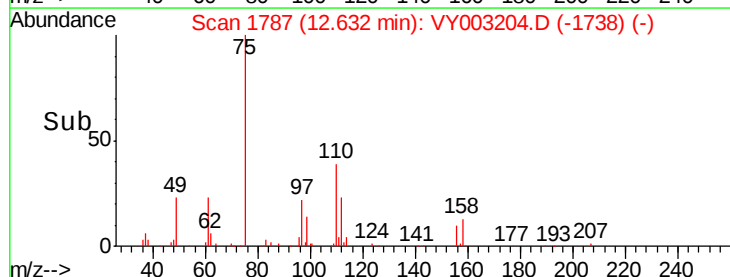
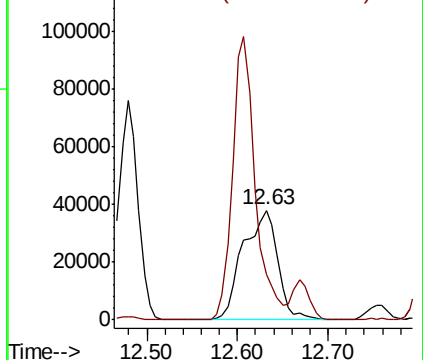
75 100

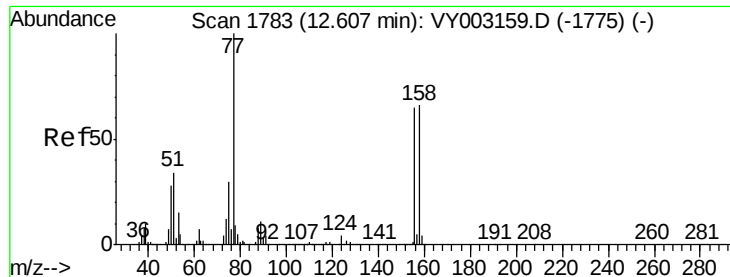
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.814 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

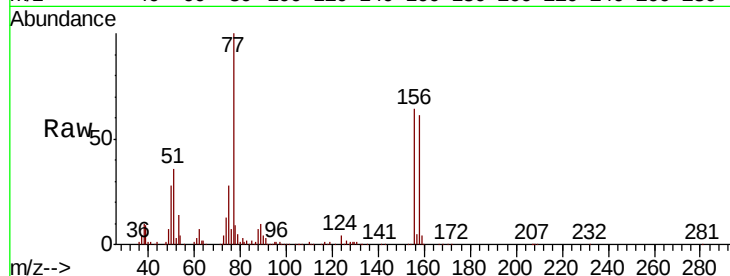
Tot Ion:156 Resp: 98415

Ion Ratio Lower Upper

156 100

77 174.7 86.6 259.7

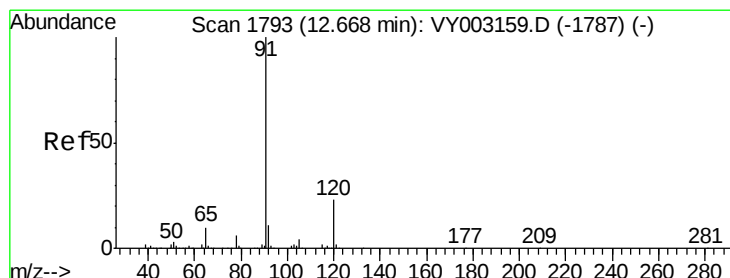
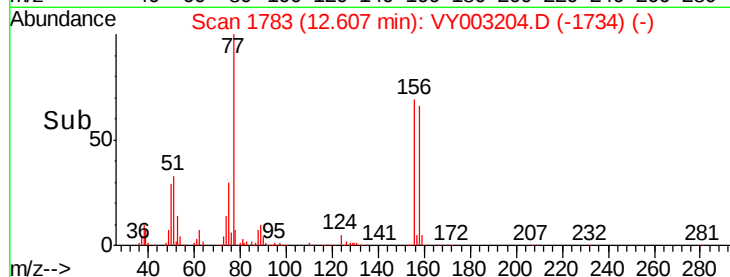
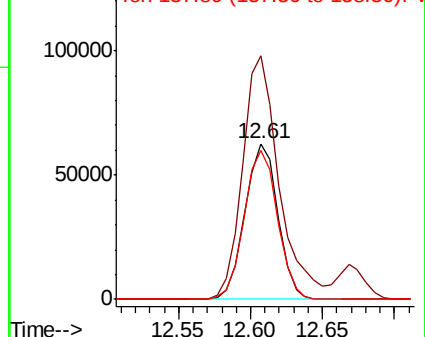
158 97.2 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.525 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003204.D

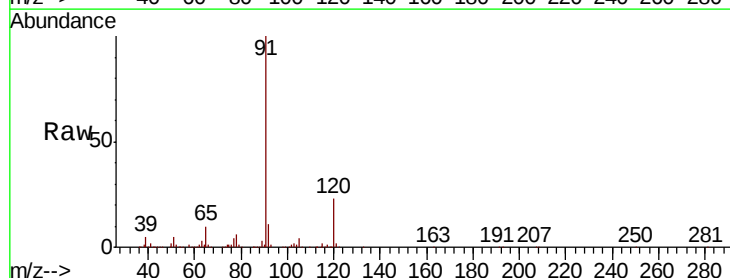
Acq: 16 Jul 2020 12:37

Tgt Ion: 91 Resp: 471415

Ion Ratio Lower Upper

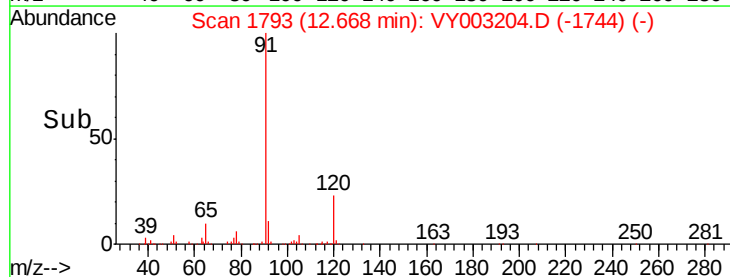
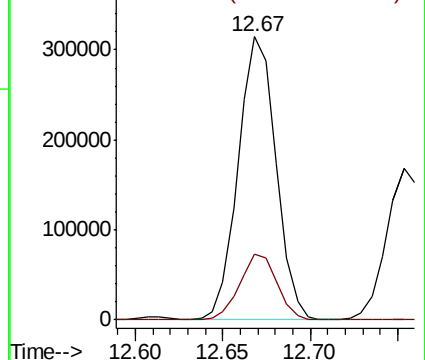
91 100

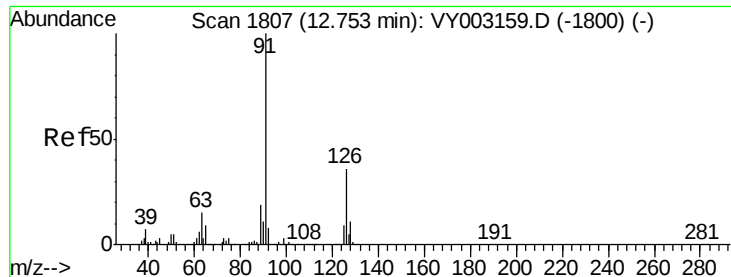
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.360 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

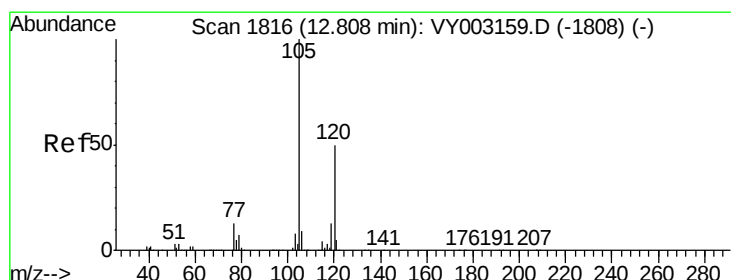
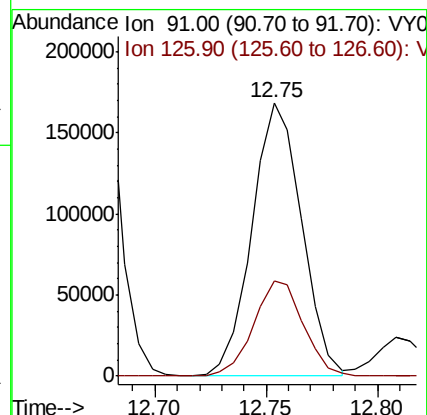
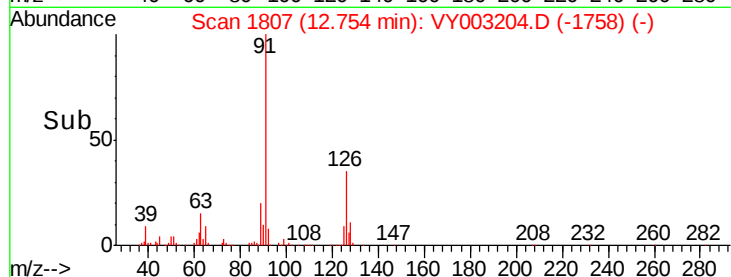
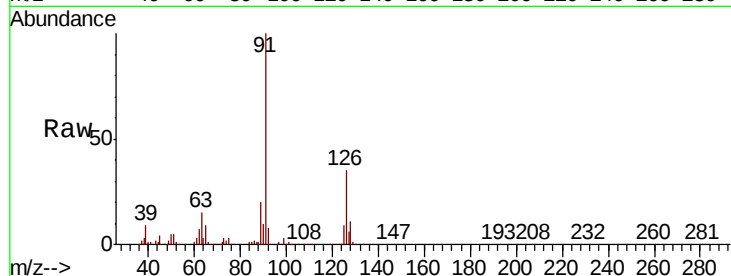
VY0716SBS01

Tot Ion: 91 Resp: 260912

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 20.471 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003204.D

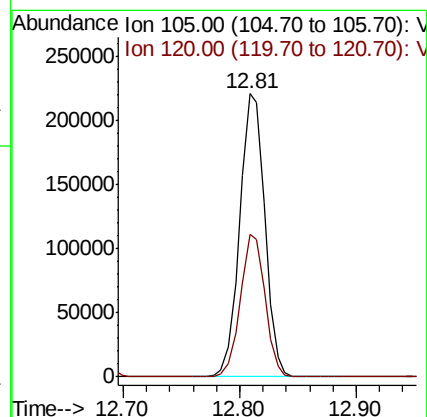
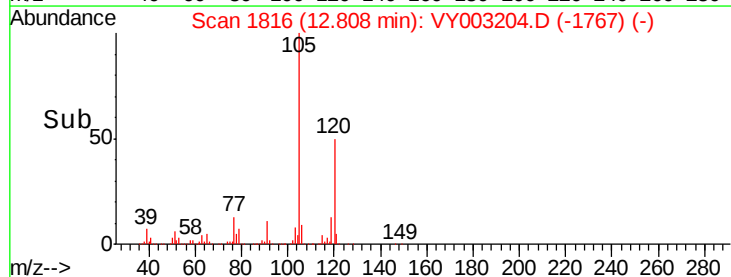
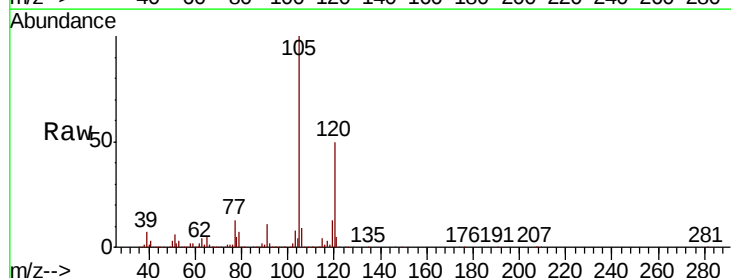
Acq: 16 Jul 2020 12:37

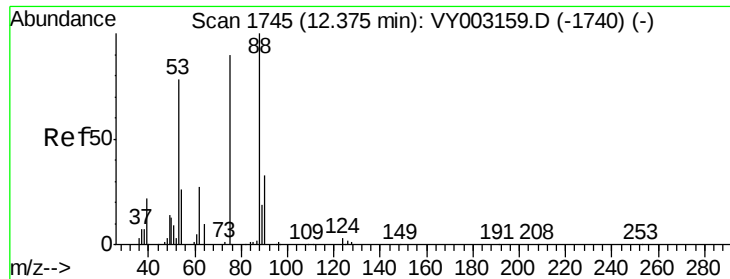
Tgt Ion: 105 Resp: 332448

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.871 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

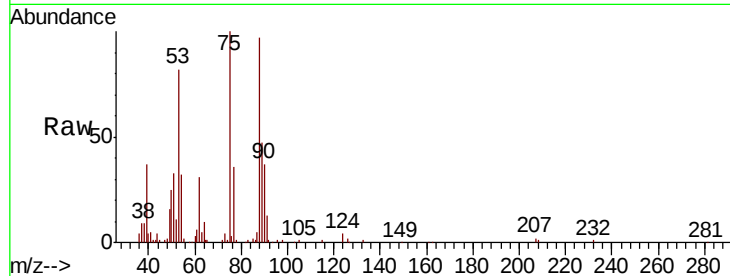
Tot Ion: 75 Resp: 27634

Ion	Ratio	Lower	Upper
75	100		
53	86.9	72.0	108.0
89	39.1	37.3	55.9

75 100

53 86.9 72.0 108.0

89 39.1 37.3 55.9

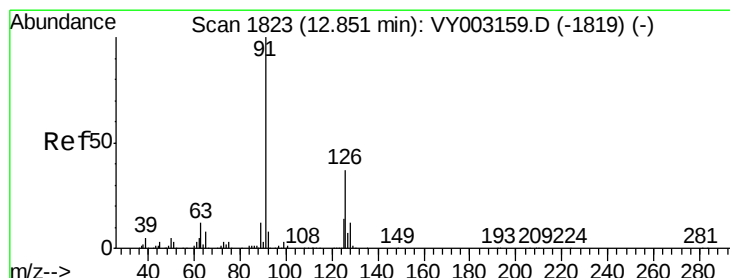
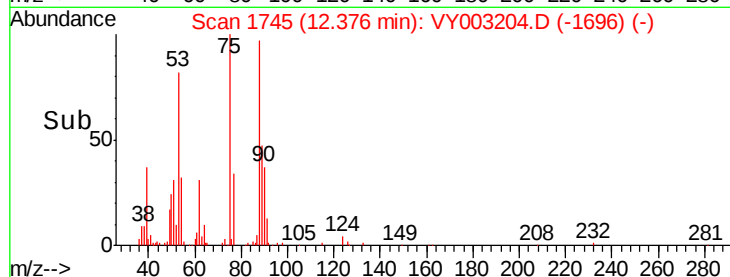
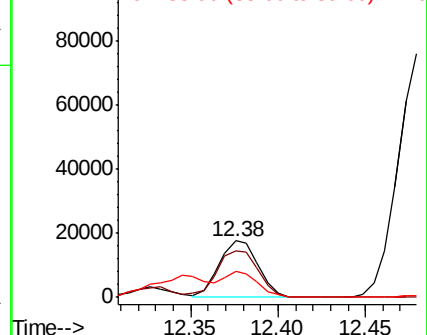


Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.533 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003204.D

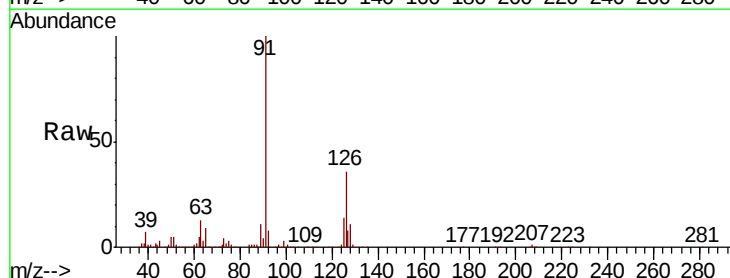
Acq: 16 Jul 2020 12:37

Tgt Ion: 91 Resp: 274645

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.9	53.7

91 100

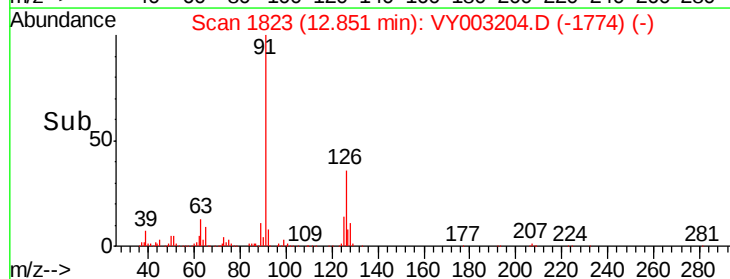
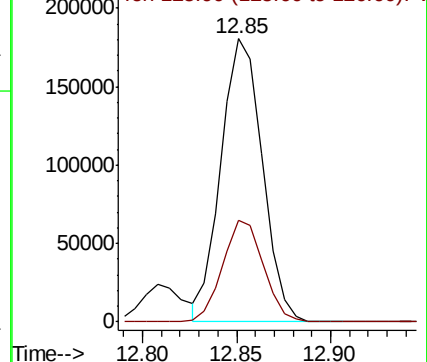
126 35.7 17.9 53.7

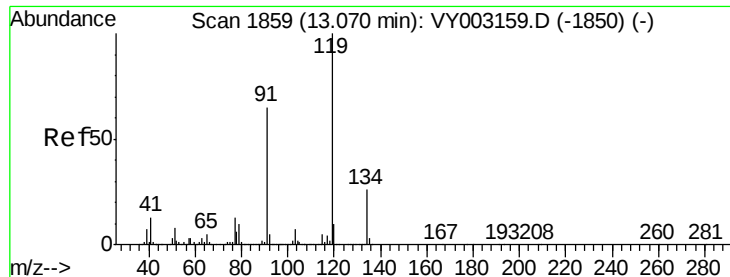


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.376 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

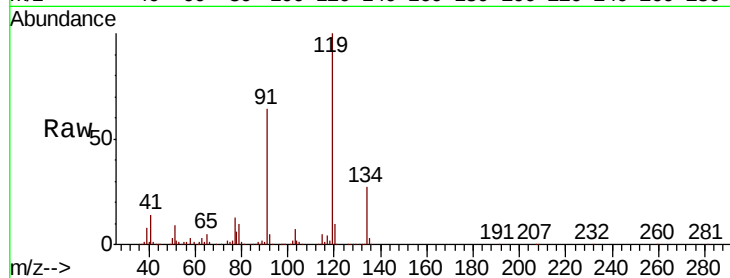
Tot Ion:119 Resp: 291977

Ion Ratio Lower Upper

119 100

91 63.1 30.8 92.4

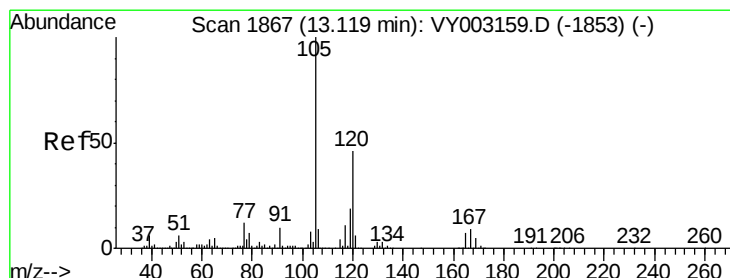
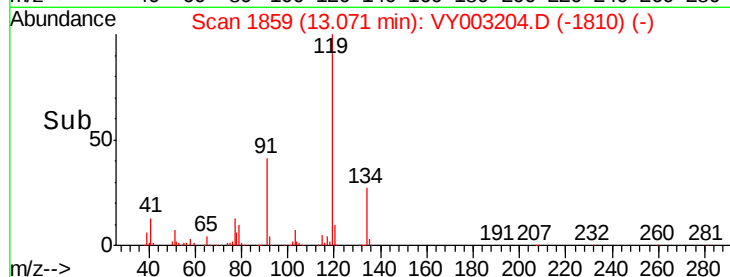
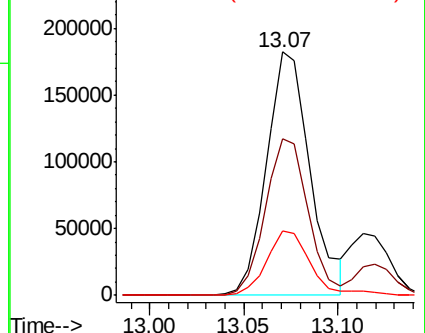
134 27.1 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.420 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003204.D

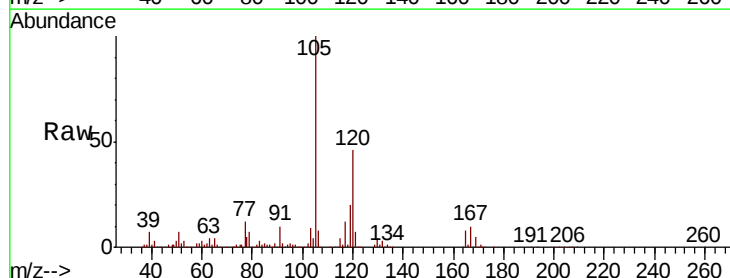
Acq: 16 Jul 2020 12:37

Tgt Ion:105 Resp: 333673

Ion Ratio Lower Upper

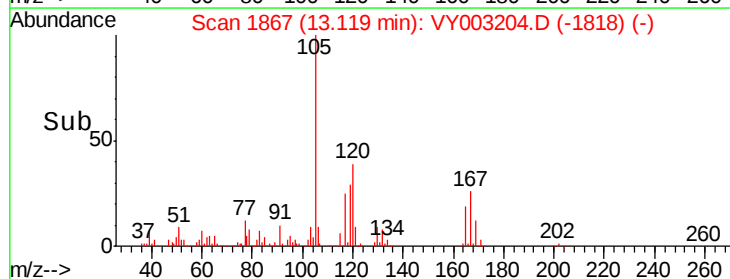
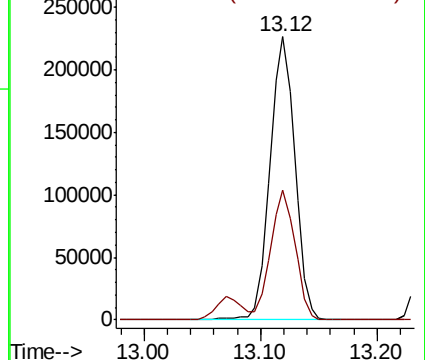
105 100

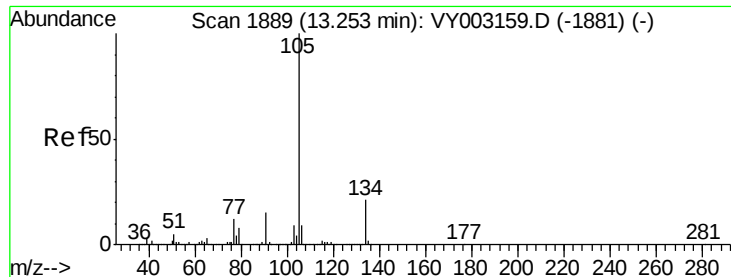
120 45.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.592 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

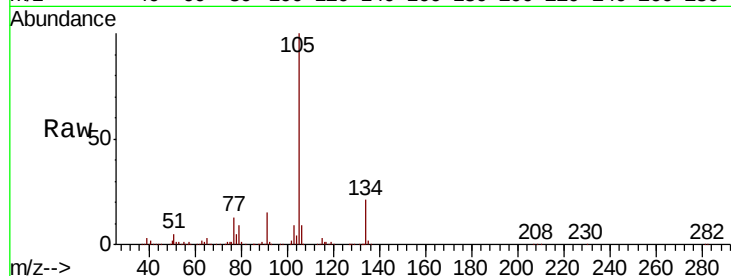
VY0716SBS01

Tot Ion:105 Resp: 405557

Ion Ratio Lower Upper

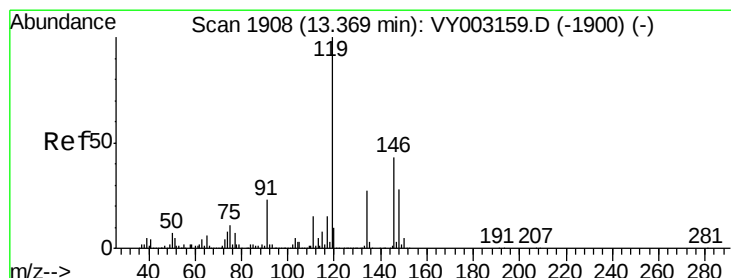
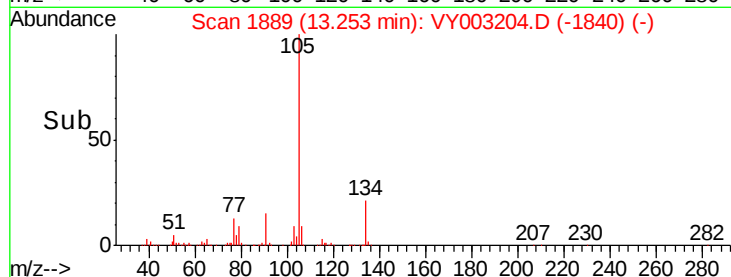
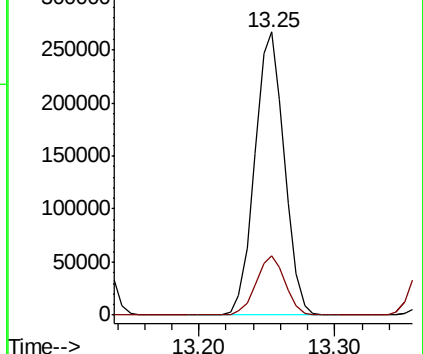
105 100

134 20.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.085 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

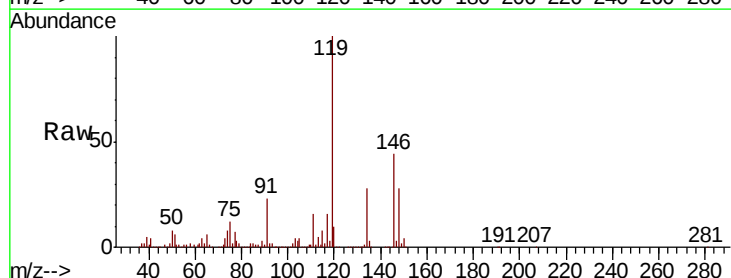
Tgt Ion:119 Resp: 369360

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

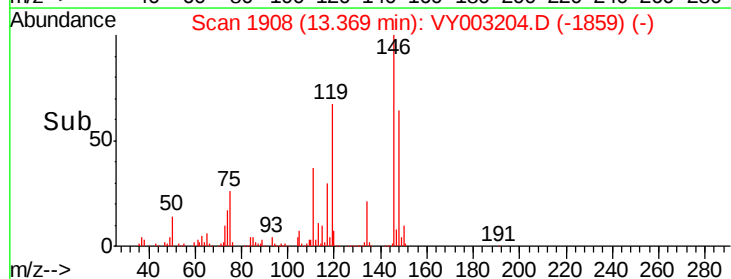
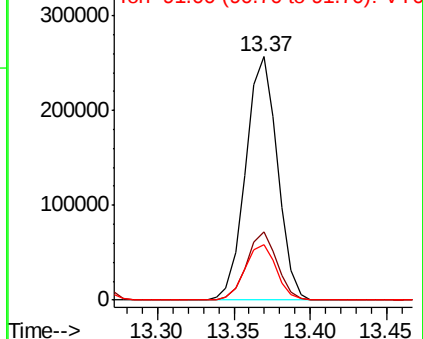
91 22.6 11.2 33.6

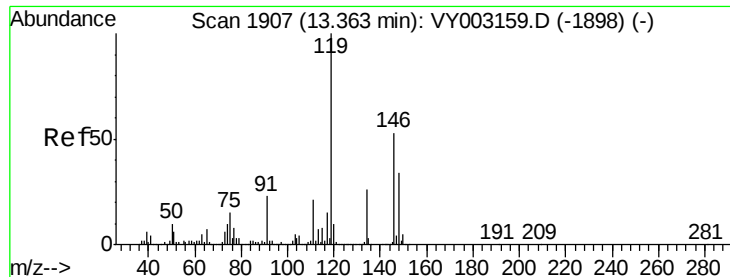


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 19.853 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

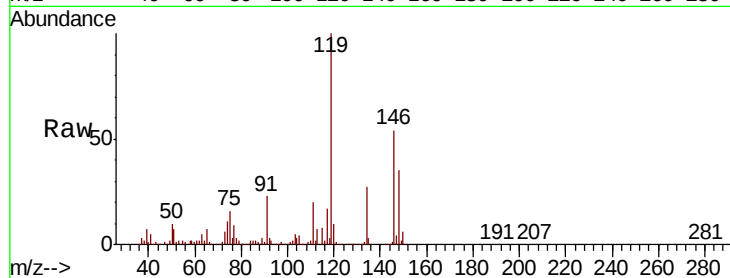
Tot Ion:146 Resp: 186469

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

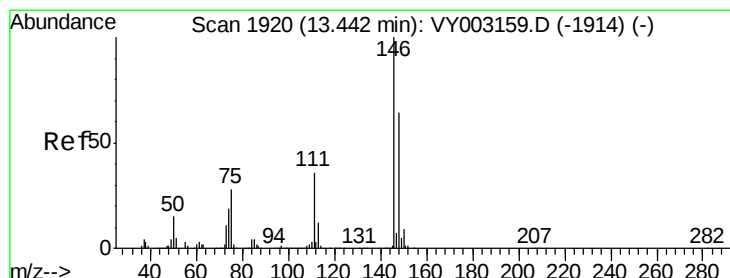
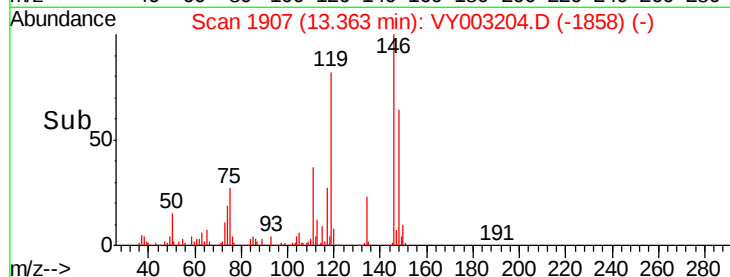
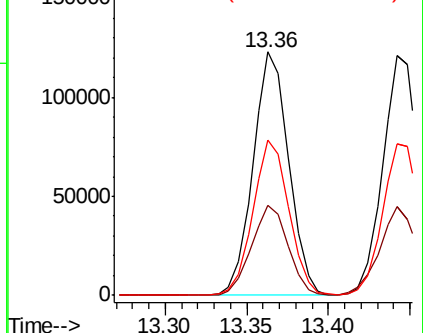
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.871 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

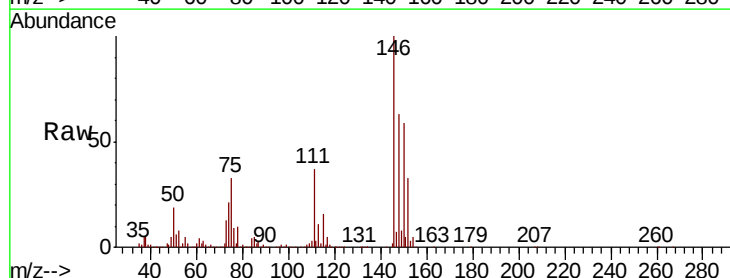
Tgt Ion:146 Resp: 184780

Ion Ratio Lower Upper

146 100

111 38.4 18.4 55.0

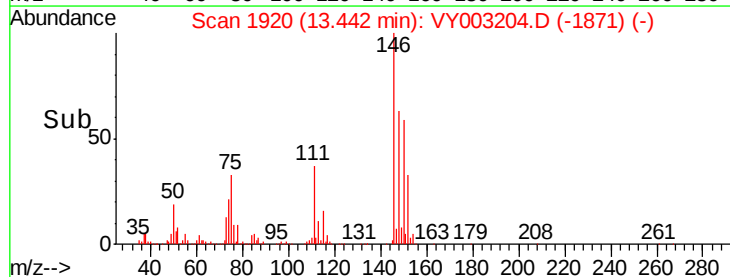
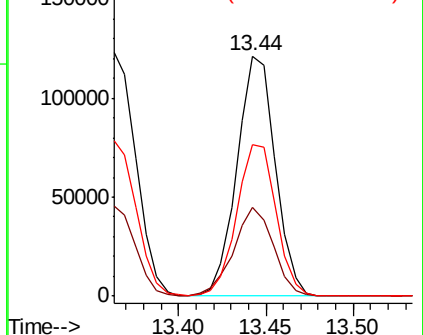
148 64.9 32.0 96.0

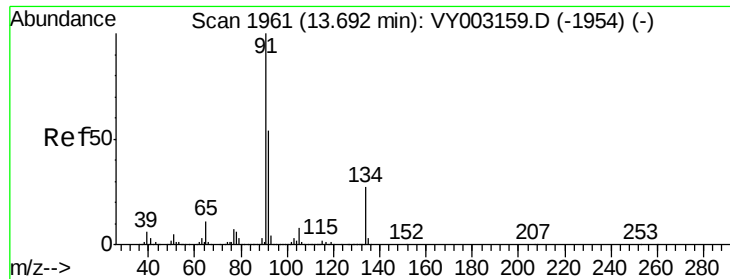


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.159 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

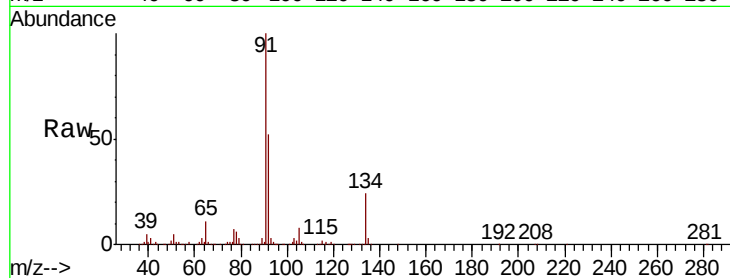
Tot Ion: 91 Resp: 366005

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

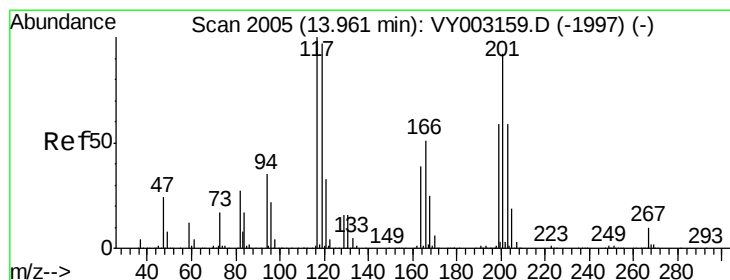
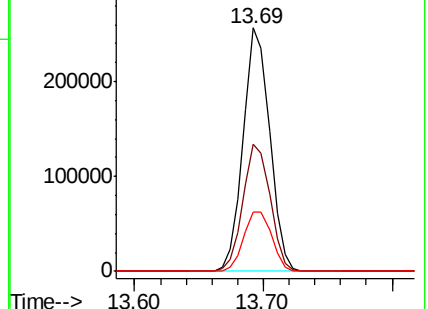
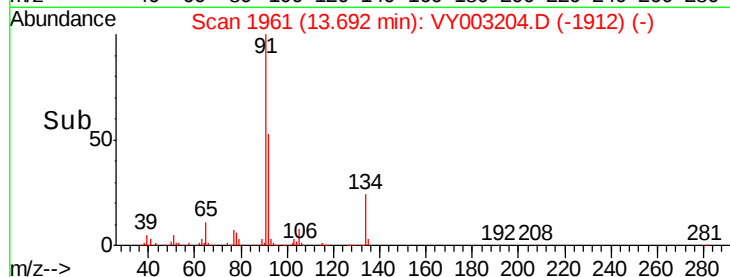
134 25.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY003159.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY003159.D (-1954) (-)



#90

Hexachloroethane

Concen: 20.808 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003204.D

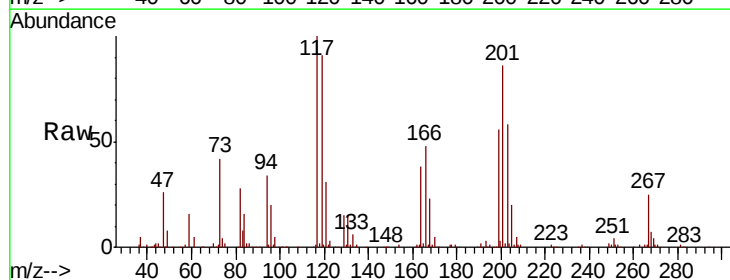
Acq: 16 Jul 2020 12:37

Tgt Ion: 117 Resp: 69686

Ion Ratio Lower Upper

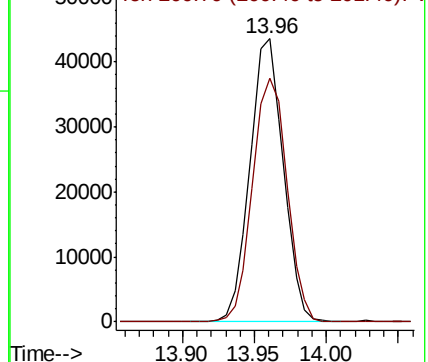
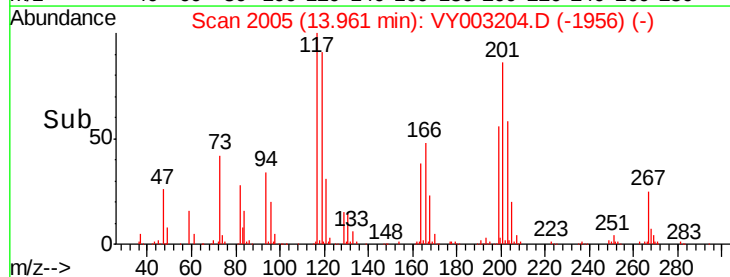
117 100

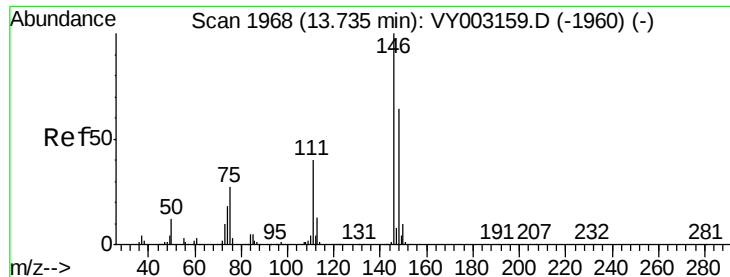
201 88.9 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): VY003159.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003159.D (-1997) (-)





#91

1,2-Dichlorobenzene

Concen: 19.756 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

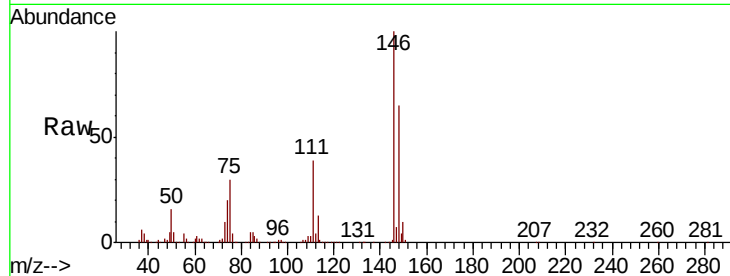
Tot Ion:146 Resp: 162840

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

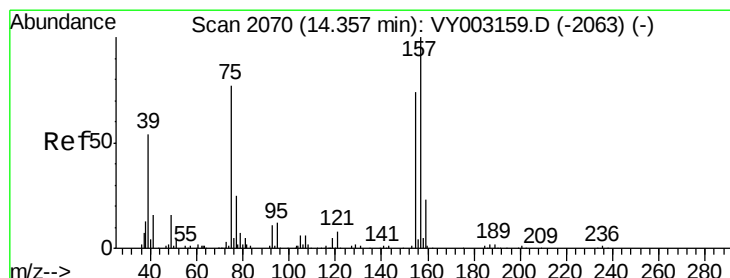
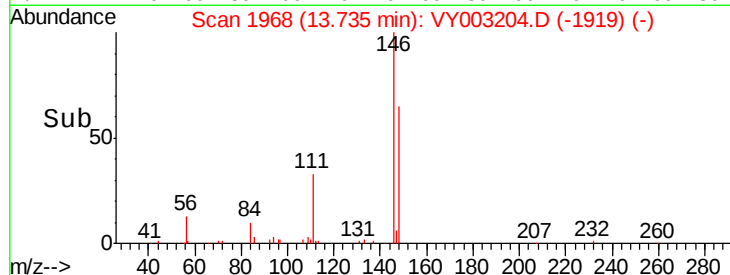
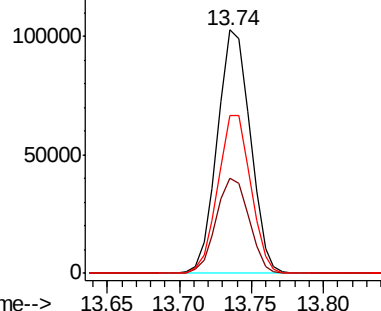
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.890 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

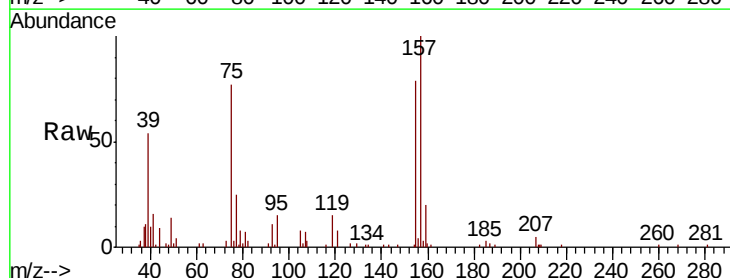
Tgt Ion: 75 Resp: 10915

Ion Ratio Lower Upper

75 100

155 96.5 48.1 144.3

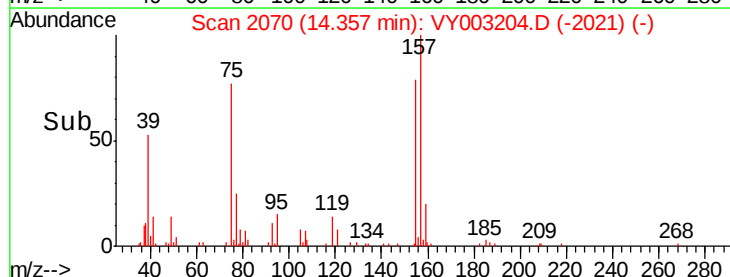
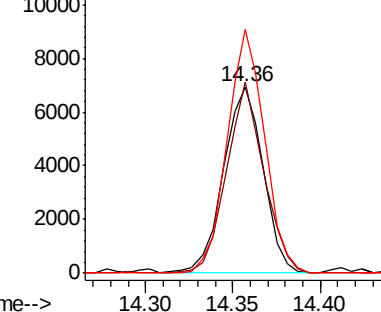
157 123.4 61.9 185.6

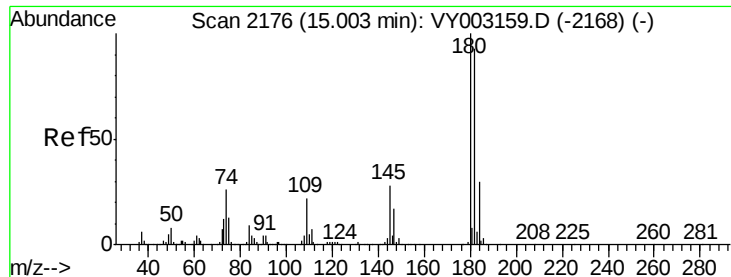


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

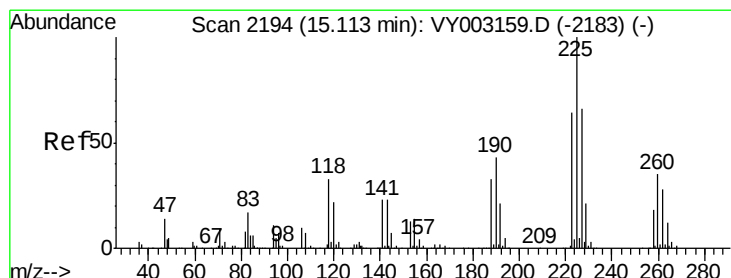
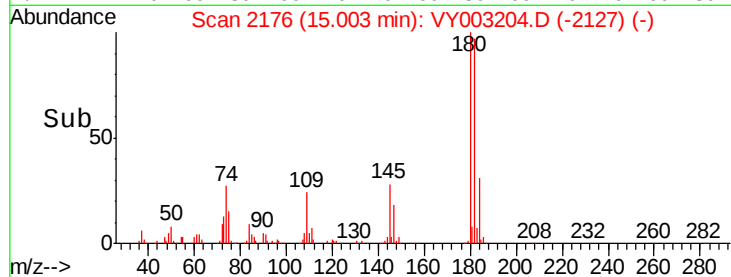
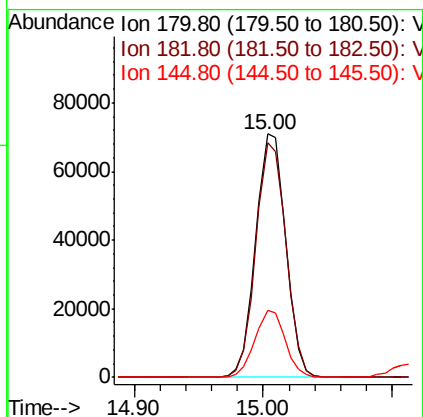
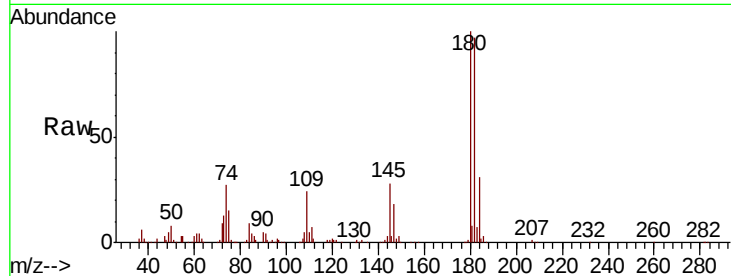




#93
 1,2,4-Trichlorobenzene
 Concen: 19.439 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

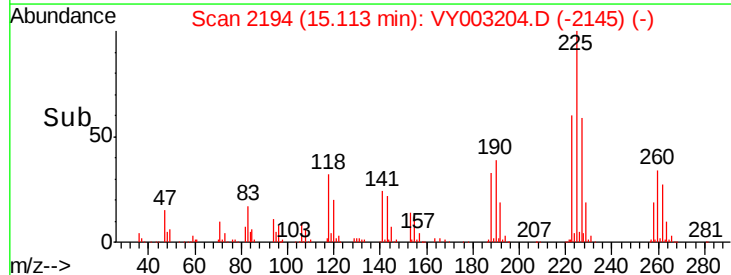
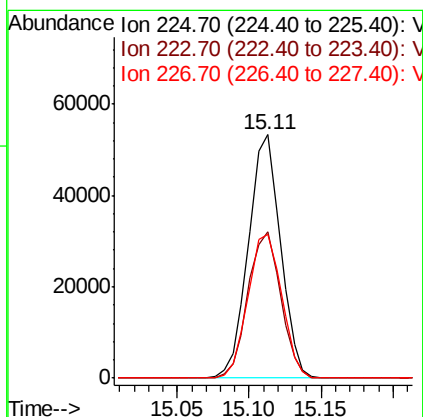
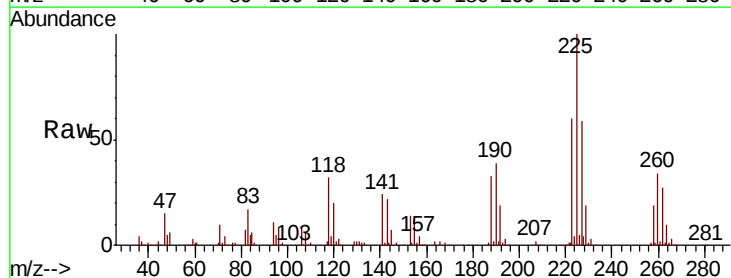
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

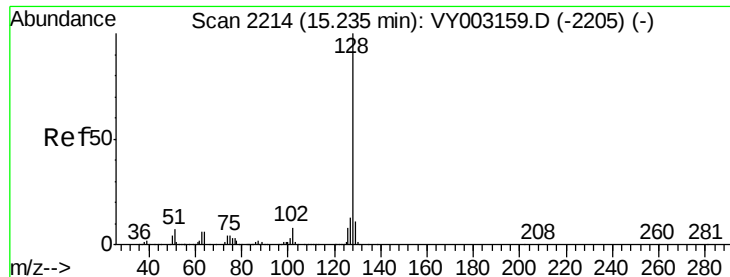
Tot Ion:180 Resp: 113990
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 27.8 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 20.438 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion:225 Resp: 82120
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.7
 227 62.1 32.3 96.8





#95

Naphthalene

Concen: 17.469 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

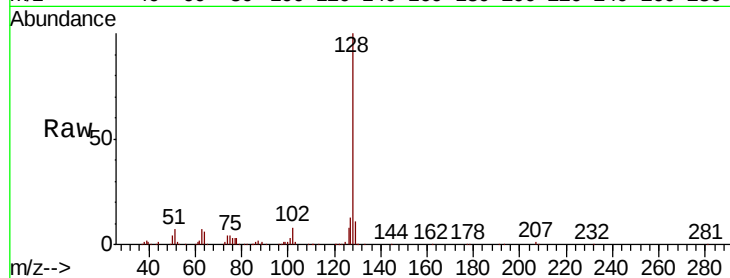
Tot Ion:128 Resp: 169293

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

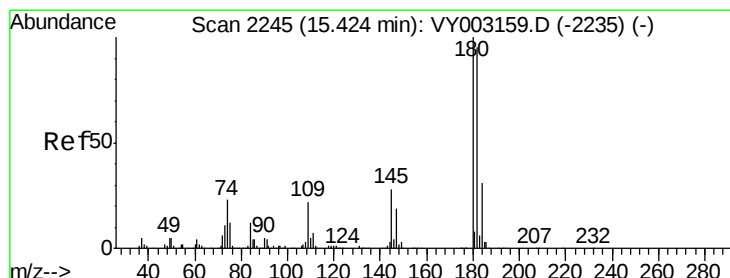
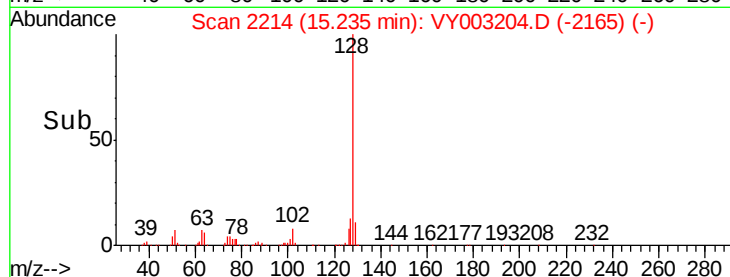
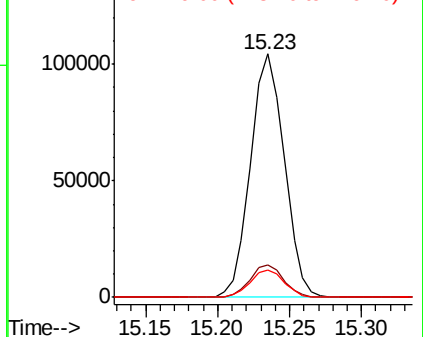
129 11.4 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.238 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

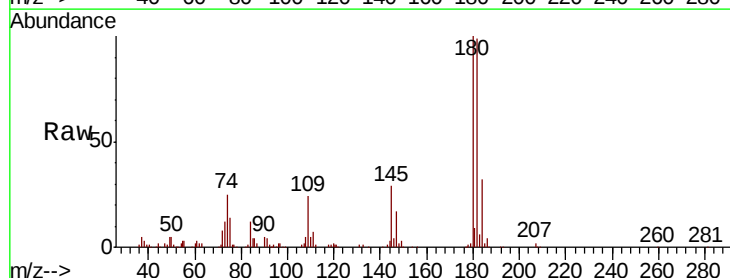
Tgt Ion:180 Resp: 84540

Ion Ratio Lower Upper

180 100

182 95.6 48.8 146.3

145 29.2 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

