

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002015.D
 Acq On : 19 Mar 2020 12:52
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Quant Time: Mar 20 01:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	152852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	251341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	88029	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	7.75	113	81341	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.20	98	337599	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.49	95	118861	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	26537	18.808	ug/l	99
3) Chloromethane	2.13	50	37382	19.651	ug/l	95
4) Vinyl Chloride	2.27	62	38884	20.096	ug/l	98
5) Bromomethane	2.66	94	25811	19.238	ug/l	90
6) Chloroethane	2.82	64	24726	20.343	ug/l	94
7) Trichlorofluoromethane	3.15	101	52369	19.957	ug/l	95
8) Diethyl Ether	3.55	74	21709	20.990	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	35255	20.888	ug/l	98
10) Methyl Iodide	4.13	142	38318	19.632	ug/l	99
11) Tert butyl alcohol	4.97	59	37507	217.981	ug/l #	91
12) 1,1-Dichloroethene	3.91	96	35532	20.908	ug/l	97
13) Acrolein	3.76	56	18588	81.062	ug/l	95
14) Allyl chloride	4.51	41	63794	21.174	ug/l	100
15) Acrylonitrile	5.21	53	59083	106.905	ug/l	100
16) Acetone	3.98	43	48351	101.732	ug/l	94
17) Carbon Disulfide	4.23	76	107502	18.817	ug/l	99
18) Methyl Acetate	4.52	43	26271	21.513	ug/l	95
19) Methyl tert-butyl Ether	5.26	73	98417	21.370	ug/l	92
20) Methylene Chloride	4.75	84	44814	22.001	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	39917	20.694	ug/l	98
22) Diisopropyl ether	6.16	45	133987	21.696	ug/l	99
23) Vinyl Acetate	6.10	43	425221	105.030	ug/l	98
24) 1,1-Dichloroethane	6.06	63	70958	21.217	ug/l	96
25) 2-Butanone	7.02	43	76509	105.856	ug/l	95
26) 2,2-Dichloropropane	7.02	77	60239	21.946	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	45263	21.572	ug/l	98
28) Bromochloromethane	7.37	49	34595	22.950	ug/l	98
29) Tetrahydrofuran	7.38	42	50001	104.177	ug/l	98
30) Chloroform	7.54	83	67684	21.541	ug/l	96
31) Cyclohexane	7.82	56	73078	20.380	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	56828	21.459	ug/l	99
36) 1,1-Dichloropropene	7.95	75	55549	20.661	ug/l	100
37) Ethyl Acetate	7.10	43	34169	21.867	ug/l	99
38) Carbon Tetrachloride	7.93	117	47971	20.887	ug/l	99

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Quant Time: Mar 20 01:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	71439	20.034	ug/l	98
40) Benzene	8.19	78	164625	20.658	ug/l	99
41) Methacrylonitrile	7.38	41	44426	63.174	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	44212	21.530	ug/l	99
43) Isopropyl Acetate	8.30	43	60497	20.449	ug/l	99
44) Trichloroethene	8.96	130	40697	20.969	ug/l	90
45) 1,2-Dichloropropane	9.24	63	43212	21.571	ug/l	99
46) Dibromomethane	9.33	93	21840	21.156	ug/l	98
47) Bromodichloromethane	9.52	83	50863	21.181	ug/l	100
48) Methyl methacrylate	9.32	41	26944	20.525	ug/l	94
49) 1,4-Dioxane	9.32	88	5738	405.644	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	169971	111.543	ug/l	99
52) Toluene	10.26	92	100149	20.688	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	56132	21.455	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	65957	21.177	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	32450	21.479	ug/l	97
56) Ethyl methacrylate	10.52	69	46274	20.896	ug/l	96
57) 1,3-Dichloropropane	10.81	76	57314	21.282	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	125974	149.854	ug/l	99
59) 2-Hexanone	10.85	43	109663	100.828	ug/l	100
60) Dibromochloromethane	11.00	129	33412	20.988	ug/l	100
61) 1,2-Dibromoethane	11.10	107	29986	20.953	ug/l	100
64) Tetrachloroethene	10.74	164	33462	21.229	ug/l	95
65) Chlorobenzene	11.53	112	107141	21.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	35274	21.478	ug/l	99
67) Ethyl Benzene	11.61	91	198274	21.228	ug/l	97
68) m/p-Xylenes	11.72	106	145515	42.140	ug/l	99
69) o-Xylene	12.04	106	68469	21.037	ug/l	100
70) Styrene	12.06	104	118210	21.206	ug/l	99
71) Bromoform	12.22	173	18577	20.858	ug/l #	99
73) Isopropylbenzene	12.34	105	187337	20.912	ug/l	100
74) N-amyl acetate	12.16	43	55494	20.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39945	20.677	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	51597	37.055	ug/l #	100
77) Bromobenzene	12.62	156	40350	21.260	ug/l	96
78) n-propylbenzene	12.68	91	231547	20.951	ug/l	99
79) 2-Chlorotoluene	12.77	91	126781	20.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	155095	21.030	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13635	19.780	ug/l	95
82) 4-Chlorotoluene	12.86	91	133762	21.040	ug/l	100
83) tert-Butylbenzene	13.09	119	132318	21.602	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	154684	21.135	ug/l	100
85) sec-Butylbenzene	13.27	105	192118	21.279	ug/l	100
86) p-Isopropyltoluene	13.38	119	167703	21.532	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	79691	21.427	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	79807	21.151	ug/l	99
89) n-Butylbenzene	13.70	91	171040	21.167	ug/l	99
90) Hexachloroethane	13.97	117	31284	21.292	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	72128	21.347	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5867	19.463	ug/l	98

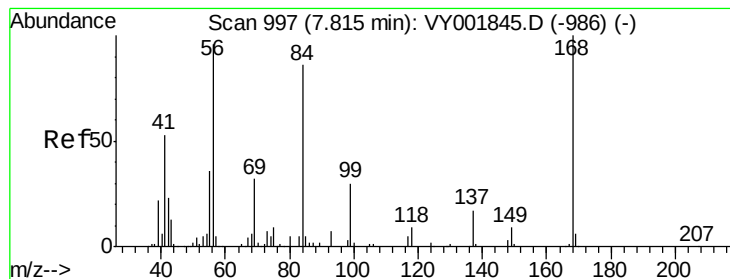
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
Data File : VY002015.D
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Quant Time: Mar 20 01:55:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47256	21.566	ug/l	99
94) Hexachlorobutadiene	15.12	225	22834	21.374	ug/l	99
95) Naphthalene	15.25	128	105718	20.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	41259	21.374	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

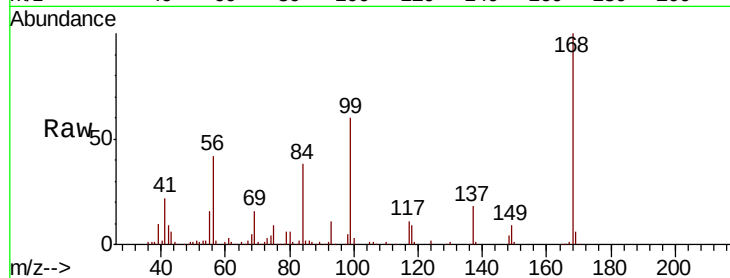
VY0319SBS01

Tot Ion:168 Resp: 152852

Ion Ratio Lower Upper

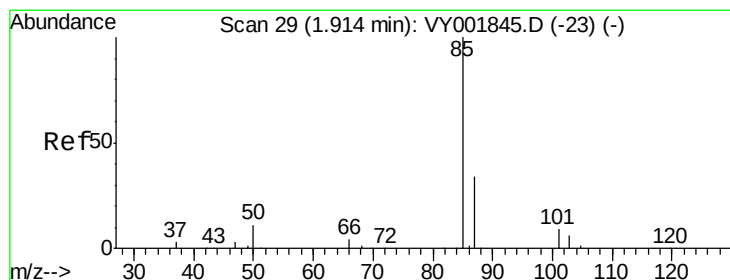
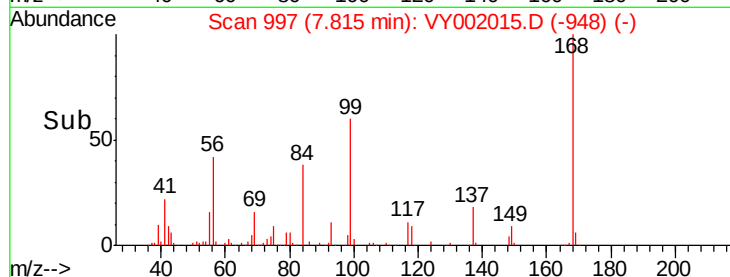
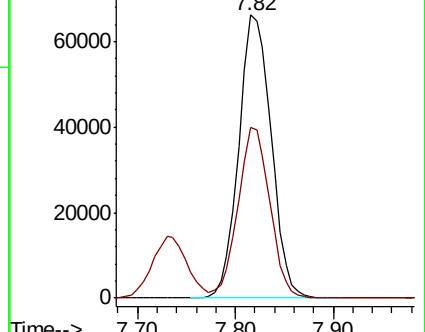
168 100

99 60.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 18.808 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002015.D

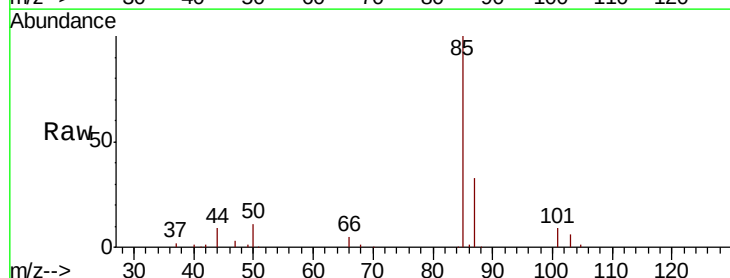
Acq: 19 Mar 2020 12:52

Tgt Ion: 85 Resp: 26537

Ion Ratio Lower Upper

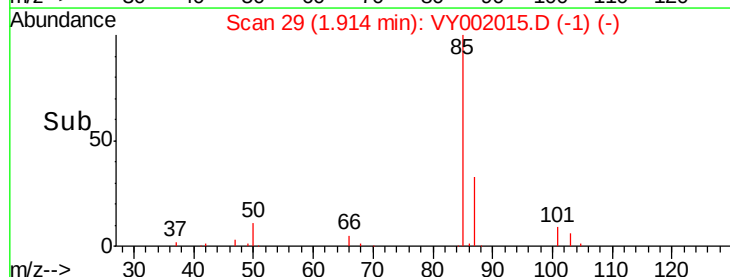
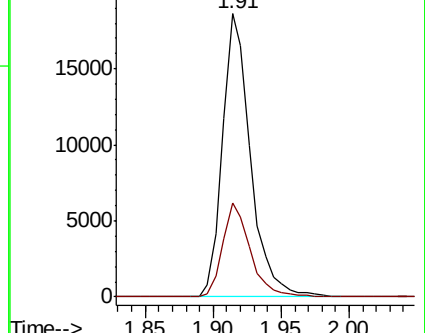
85 100

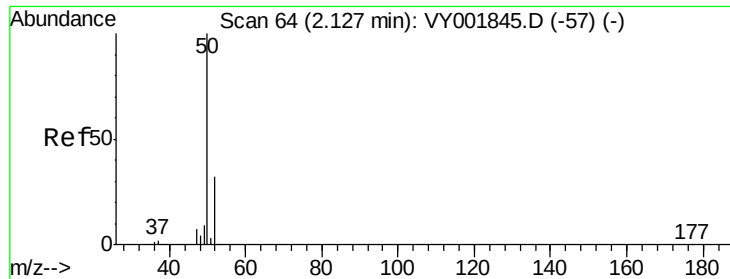
87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 19.651 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

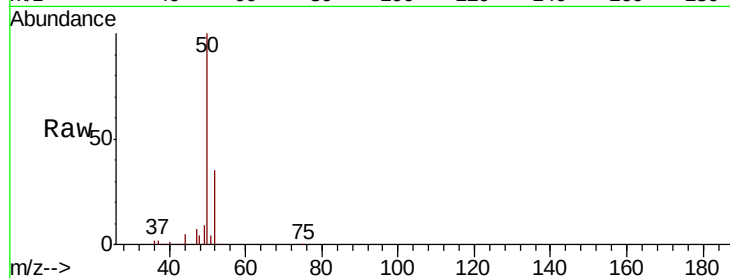
VY0319SBS01

Tot Ion: 50 Resp: 37382

Ion Ratio Lower Upper

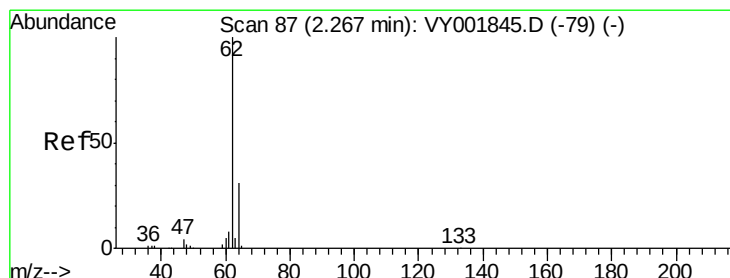
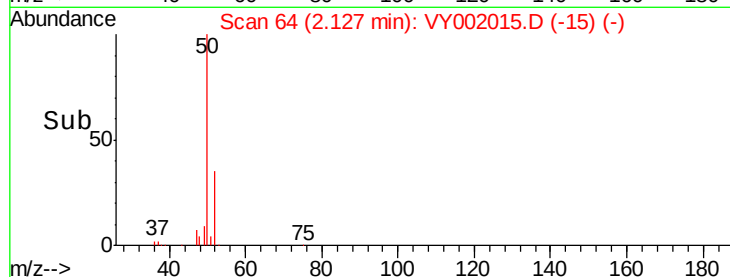
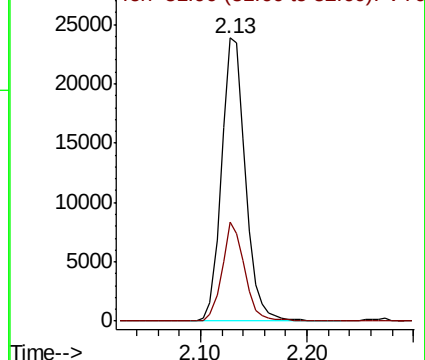
50 100

52 34.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.096 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002015.D

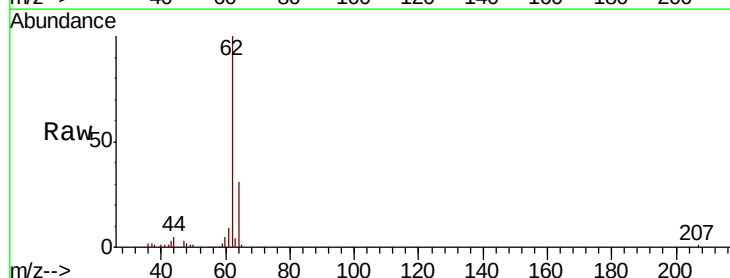
Acq: 19 Mar 2020 12:52

Tgt Ion: 62 Resp: 38884

Ion Ratio Lower Upper

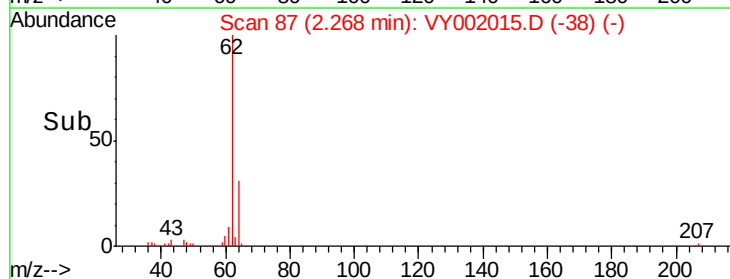
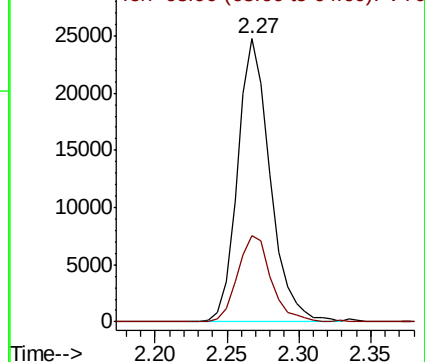
62 100

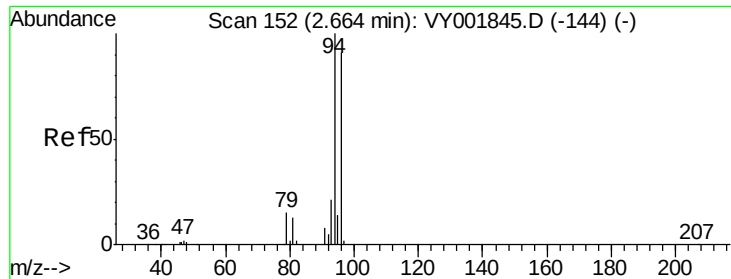
64 30.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.238 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

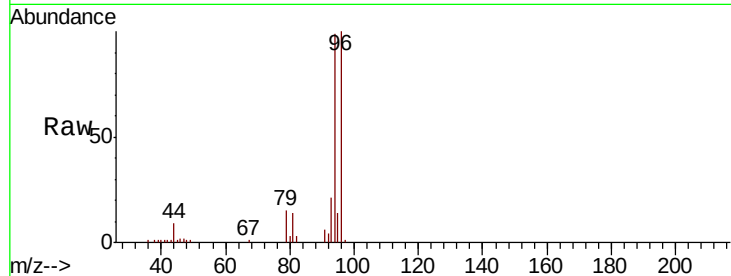
VY0319SBS01

Tot Ion: 94 Resp: 25811

Ion Ratio Lower Upper

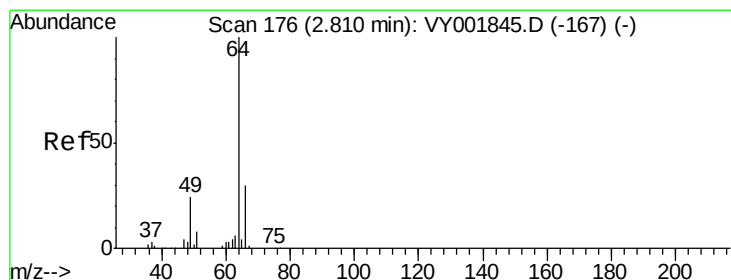
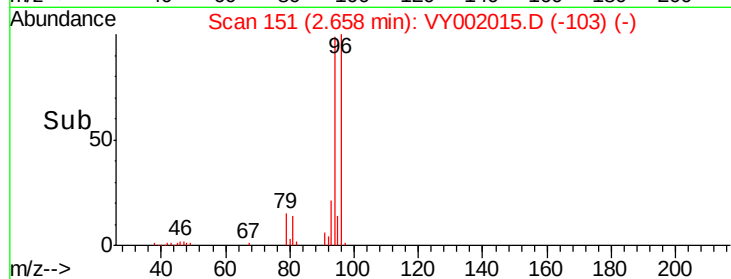
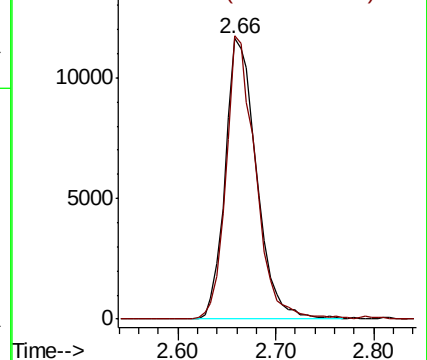
94 100

96 101.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.343 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002015.D

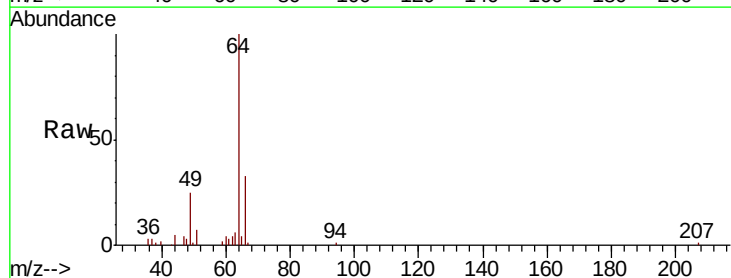
Acq: 19 Mar 2020 12:52

Tgt Ion: 64 Resp: 24726

Ion Ratio Lower Upper

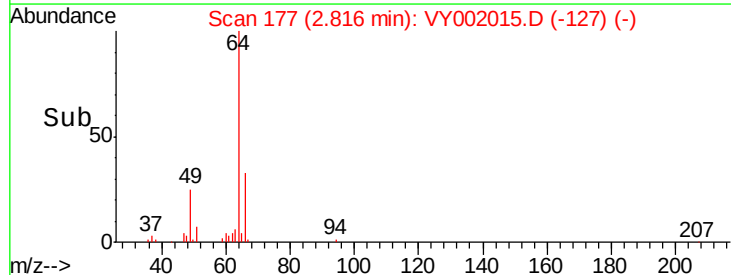
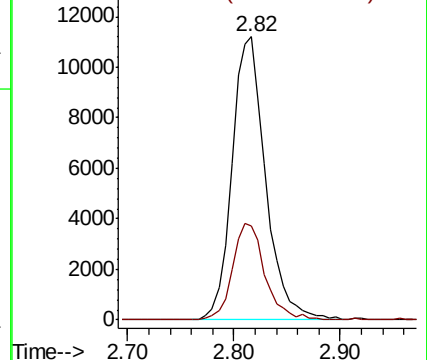
64 100

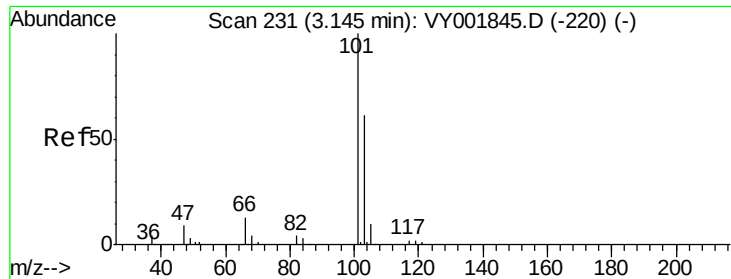
66 33.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



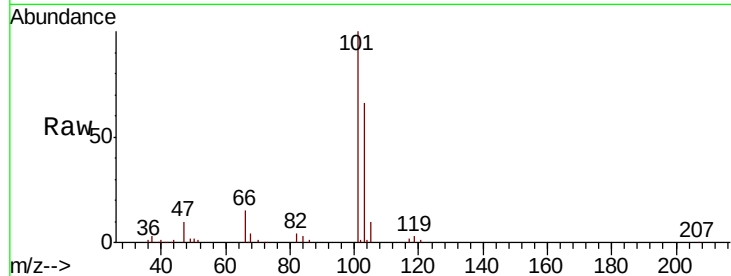


#7

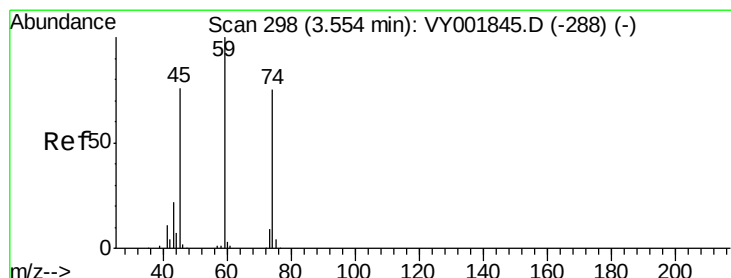
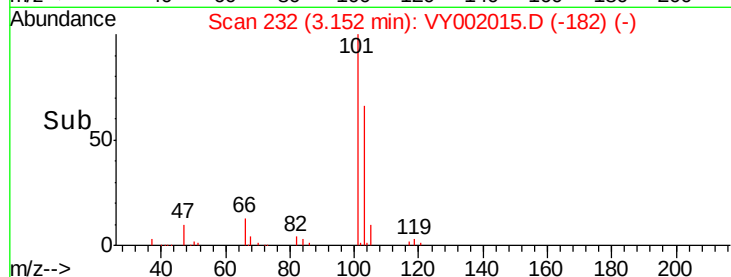
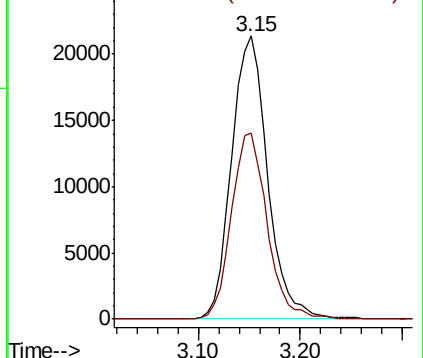
Trichlorofluoromethane
 Concen: 19.957 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion:101 Resp: 52369
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.1 73.7



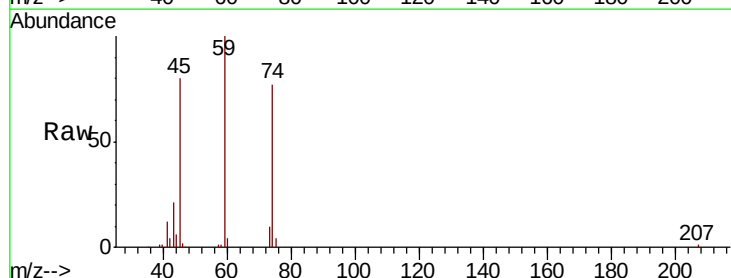
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



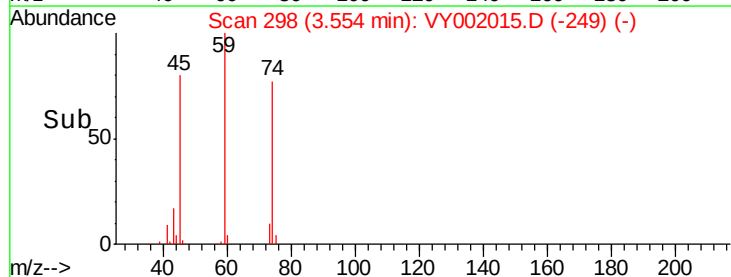
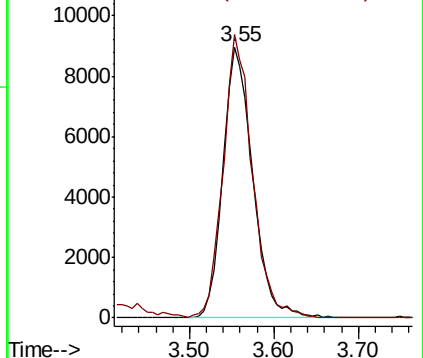
#8

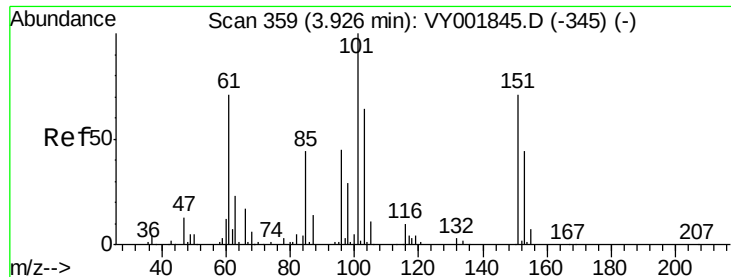
Diethyl Ether
 Concen: 20.990 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 74 Resp: 21709
 Ion Ratio Lower Upper
 74 100
 45 102.8 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.888 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

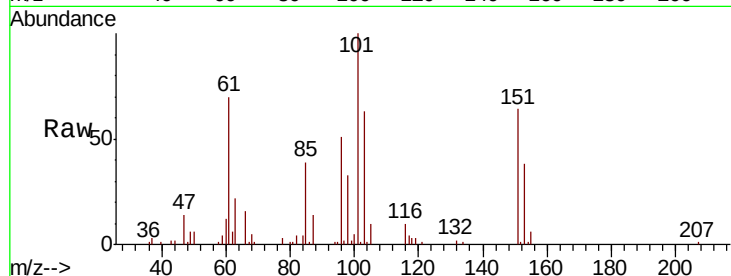
Tot Ion:101 Resp: 35255

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

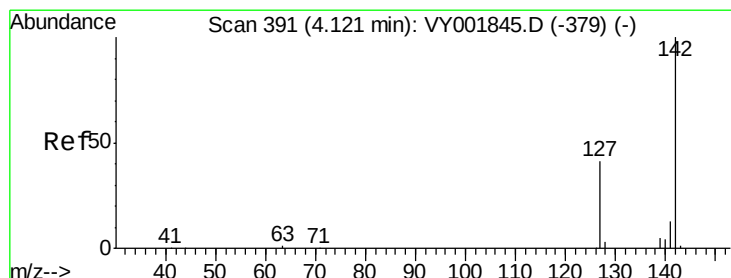
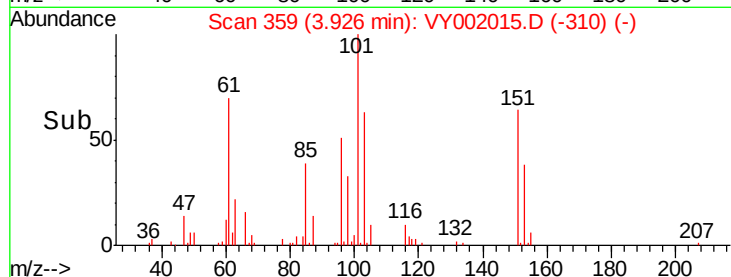
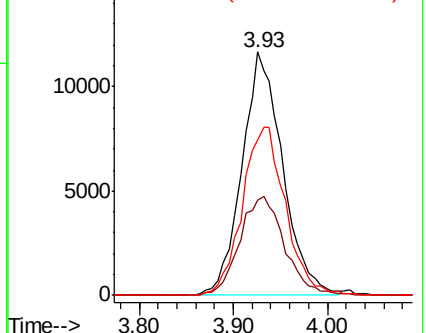
151 73.2 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.632 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

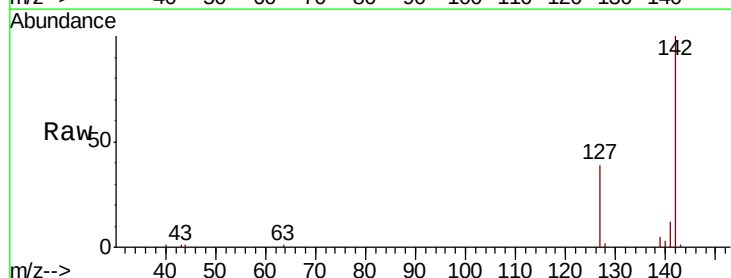
Tgt Ion:142 Resp: 38318

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

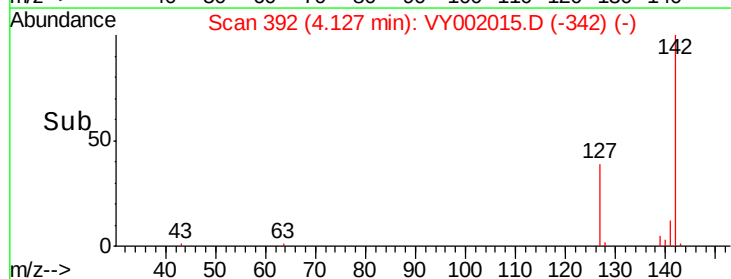
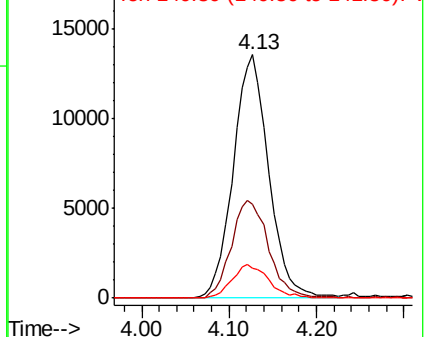
141 14.1 11.0 16.6

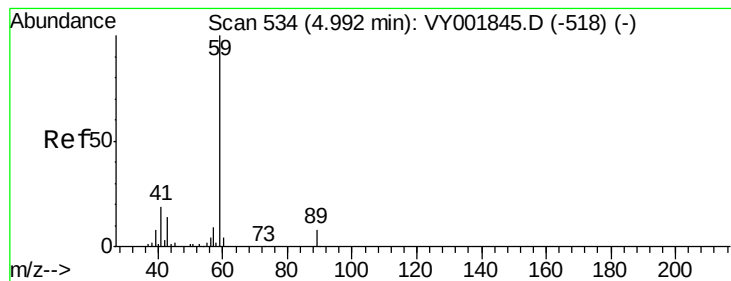


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



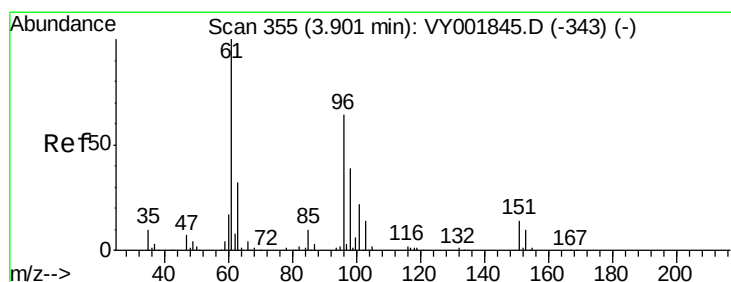
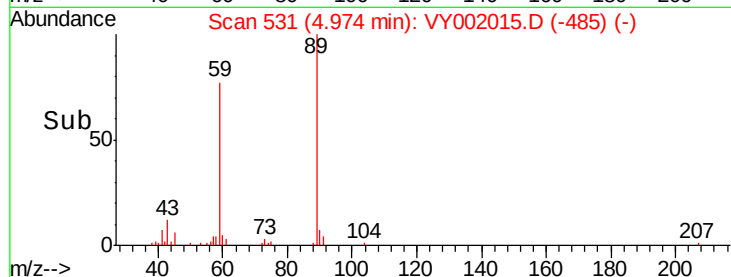
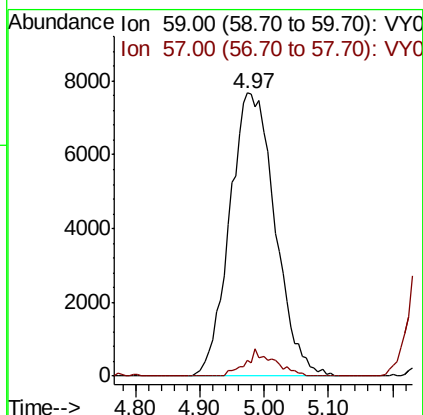
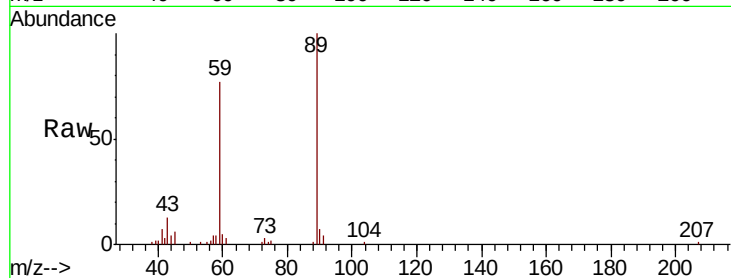


#11

Tert butyl alcohol
 Concen: 217.981 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

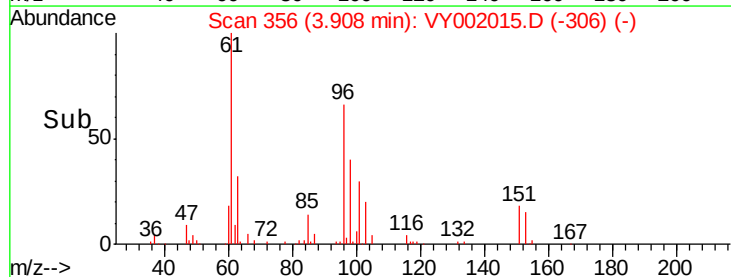
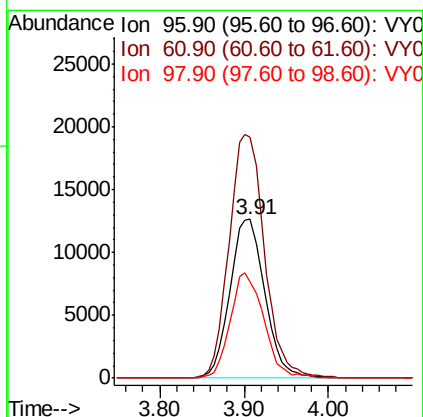
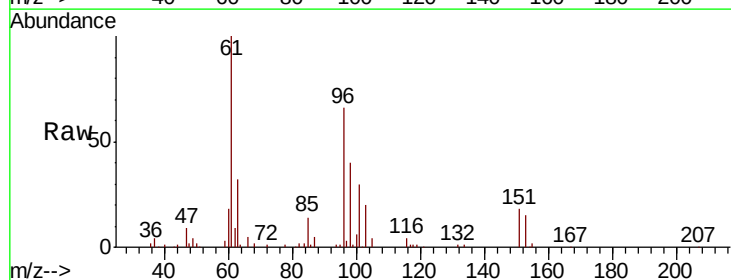
Tot Ion: 59 Resp: 37507
 Ion Ratio Lower Upper
 59 100
 57 6.0 7.4 11.2#

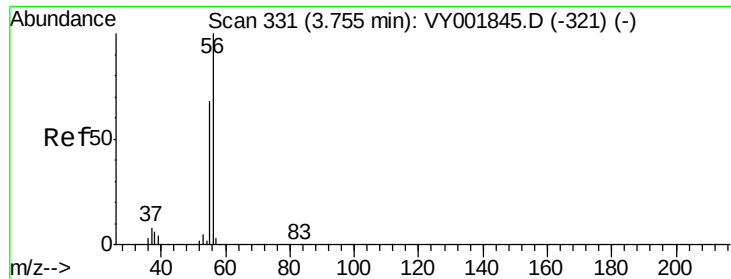


#12

1,1-Dichloroethene
 Concen: 20.908 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 96 Resp: 35532
 Ion Ratio Lower Upper
 96 100
 61 151.7 124.8 187.2
 98 61.0 49.2 73.8





#13

Acrolein

Concen: 81.062 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

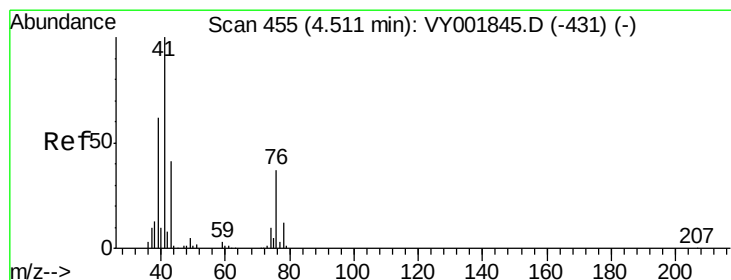
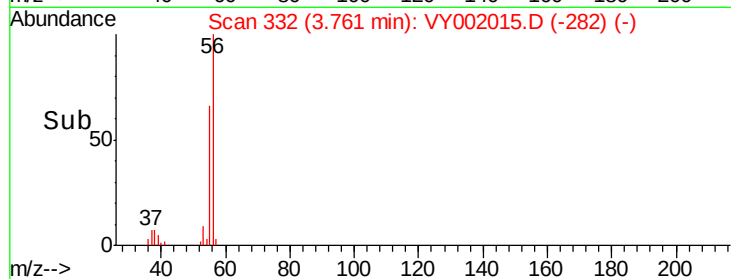
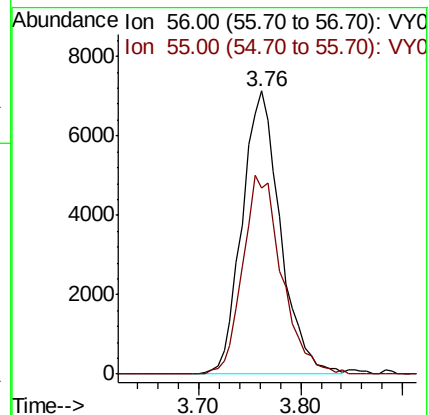
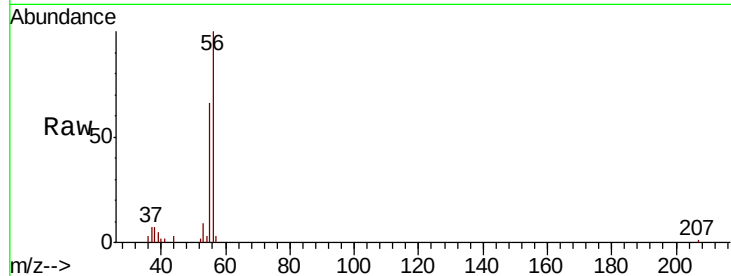
VY0319SBS01

Tot Ion: 56 Resp: 18588

Ion Ratio Lower Upper

56 100

55 71.7 54.0 81.0



#14

Allyl chloride

Concen: 21.174 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

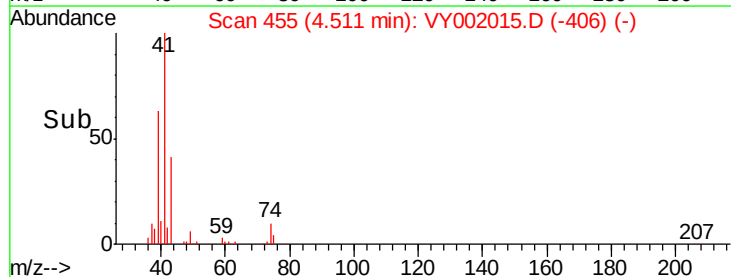
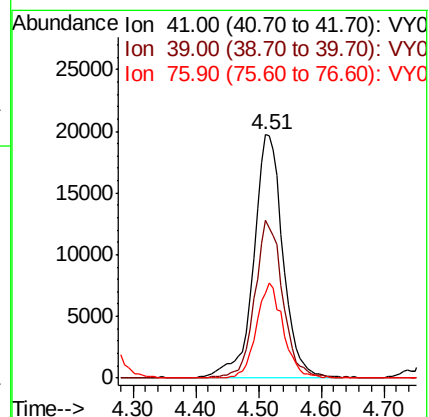
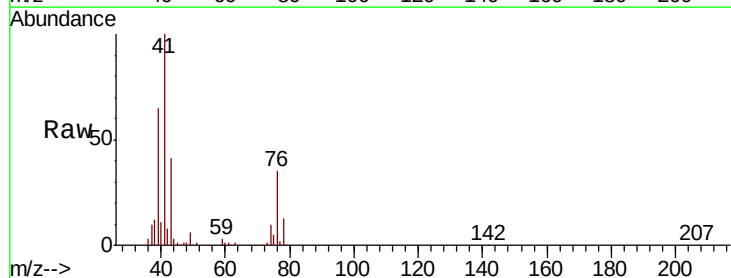
Tgt Ion: 41 Resp: 63794

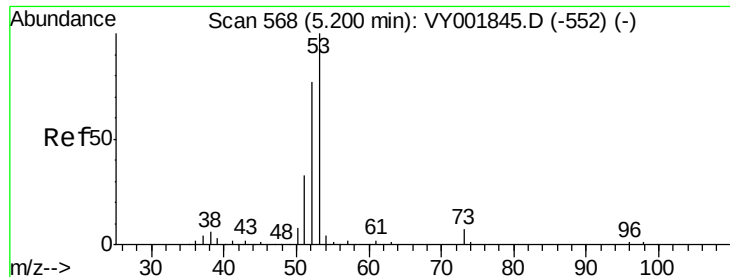
Ion Ratio Lower Upper

41 100

39 61.4 49.0 73.6

76 35.5 28.9 43.3





#15

Acrylonitrile

Concen: 106.905 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

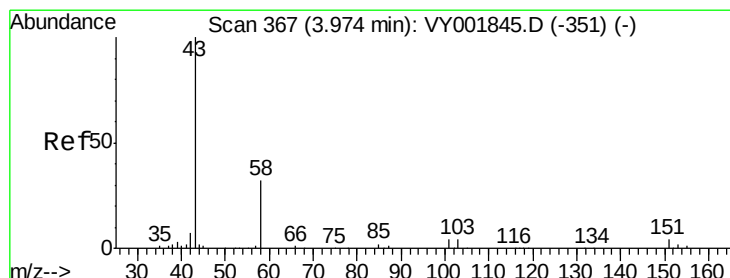
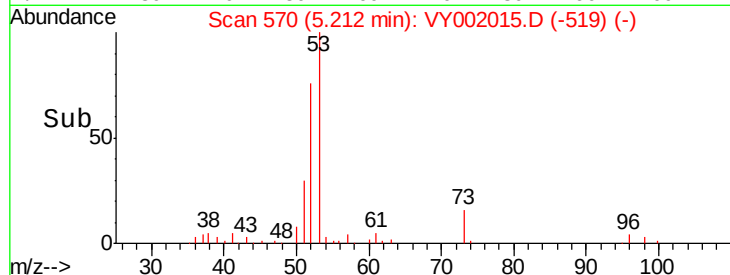
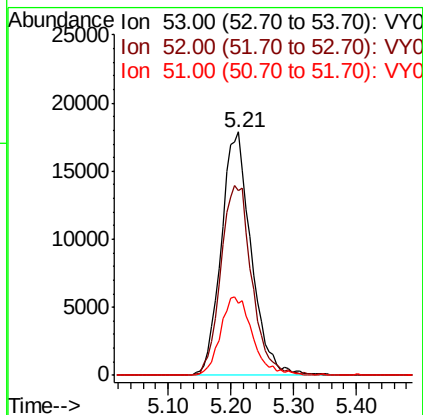
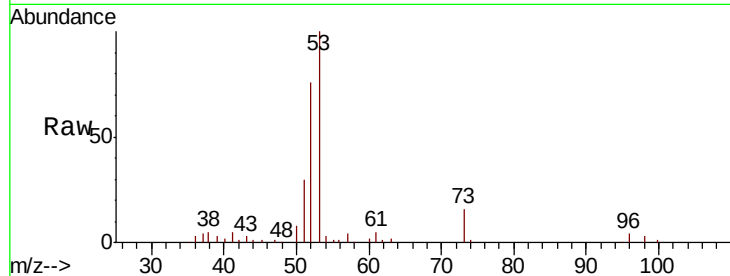
Tot Ion: 53 Resp: 59083

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

51 34.4 27.5 41.3



#16

Acetone

Concen: 101.732 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002015.D

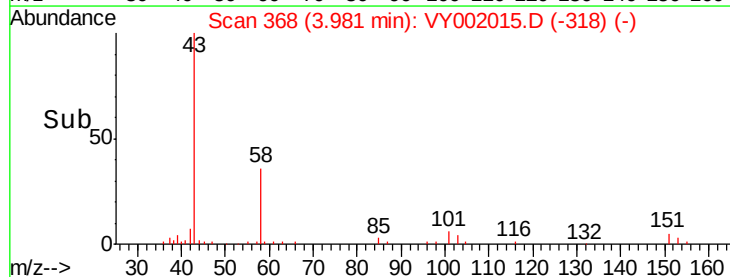
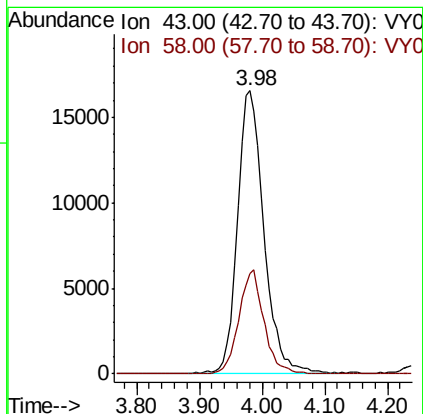
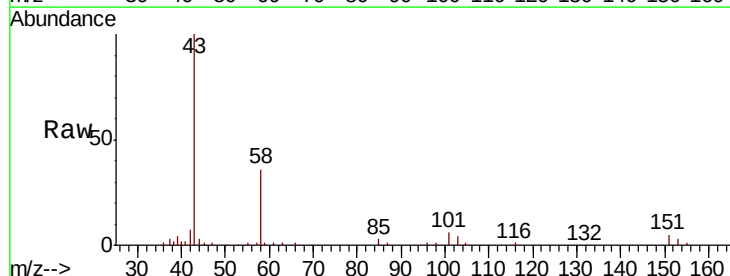
Acq: 19 Mar 2020 12:52

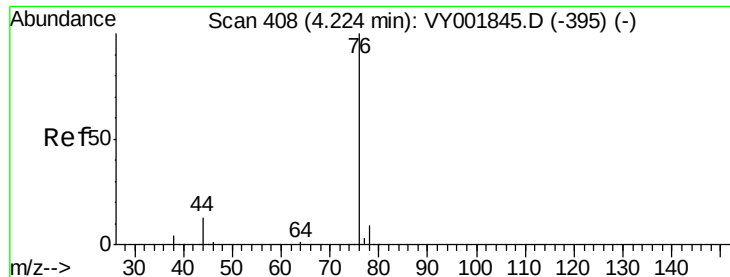
Tgt Ion: 43 Resp: 48351

Ion Ratio Lower Upper

43 100

58 35.6 25.9 38.9





#17

Carbon Disulfide

Concen: 18.817 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

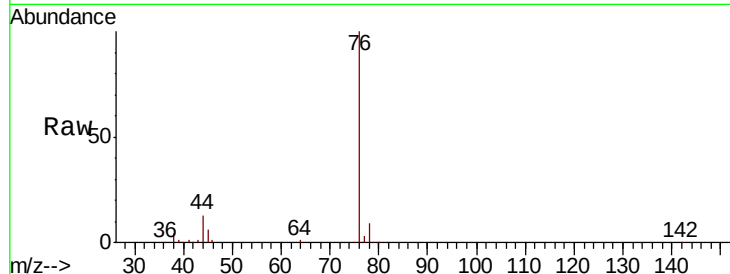
VY0319SBS01

Tot Ion: 76 Resp: 107502

Ion Ratio Lower Upper

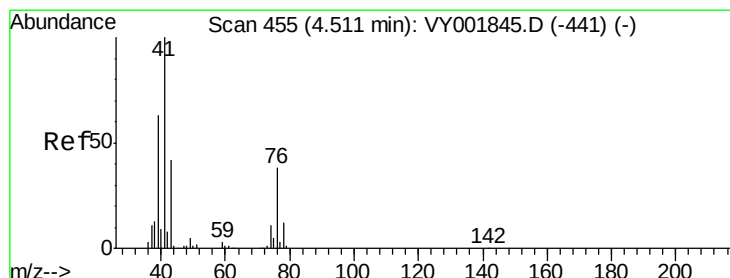
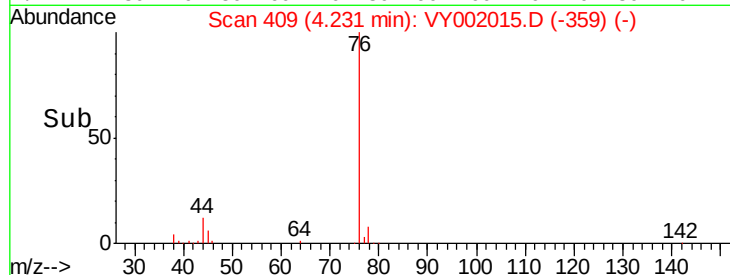
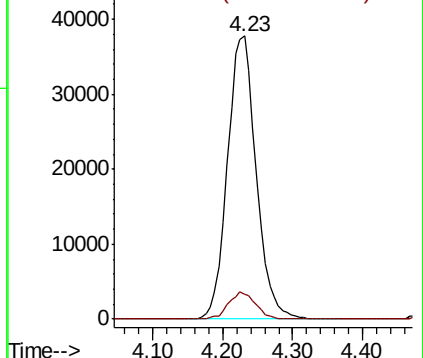
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.513 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002015.D

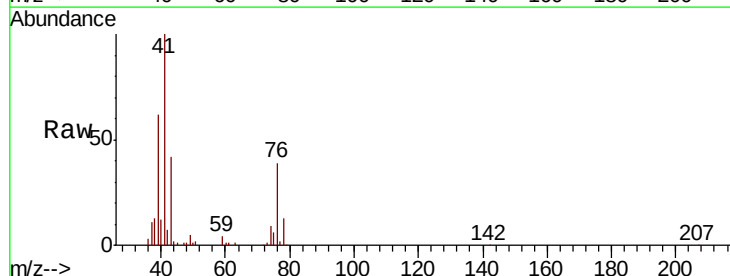
Acq: 19 Mar 2020 12:52

Tgt Ion: 43 Resp: 26271

Ion Ratio Lower Upper

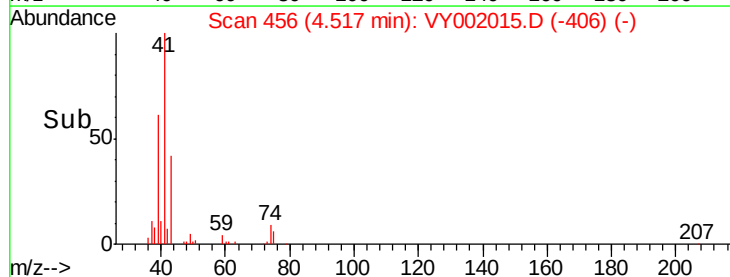
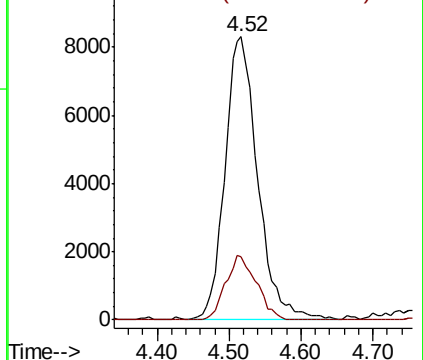
43 100

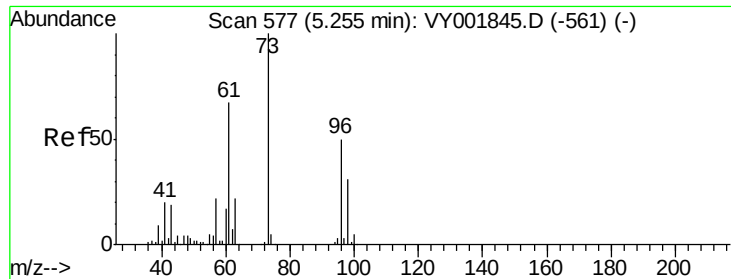
74 21.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

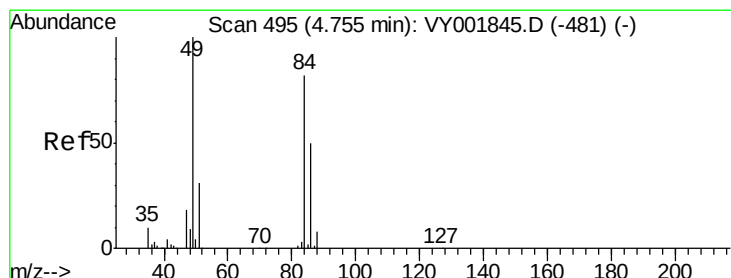
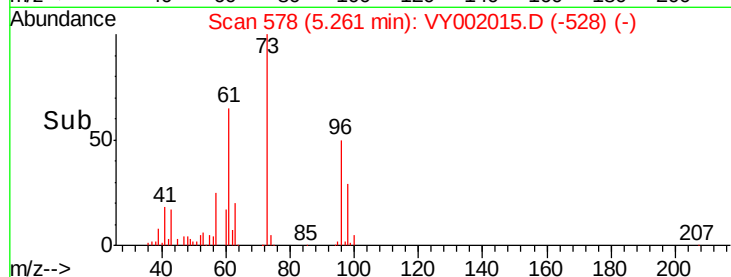
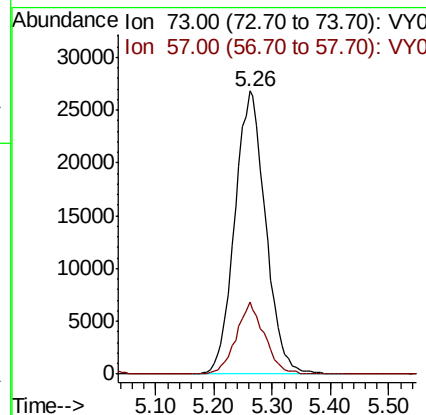
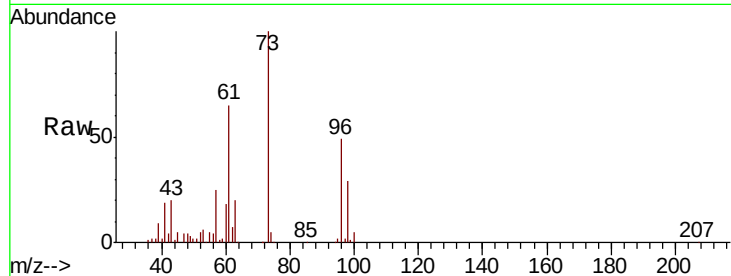




#19
Methyl tert-butyl Ether
Concen: 21.370 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

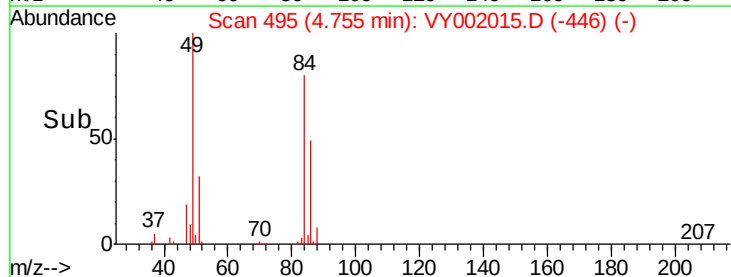
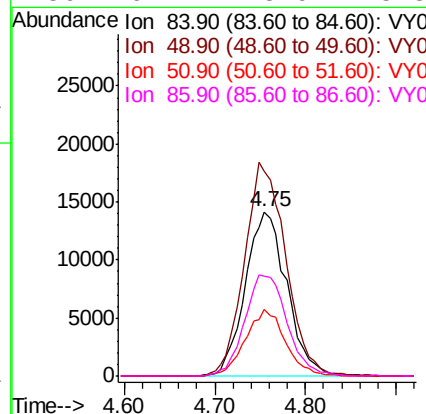
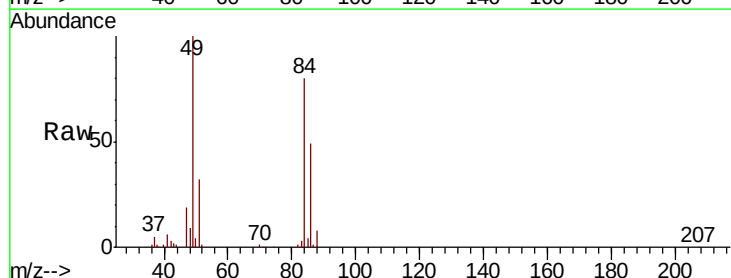
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

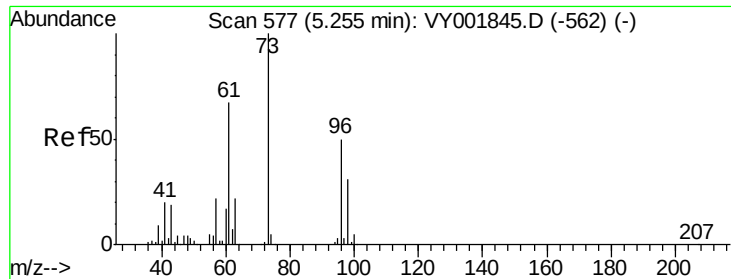
Tot Ion: 73 Resp: 98417
Ion Ratio Lower Upper
73 100
57 25.4 17.4 26.2



#20
Methylene Chloride
Concen: 22.001 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 84 Resp: 44814
Ion Ratio Lower Upper
84 100
49 124.4 98.2 147.2
51 40.4 30.2 45.2
86 61.2 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.694 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

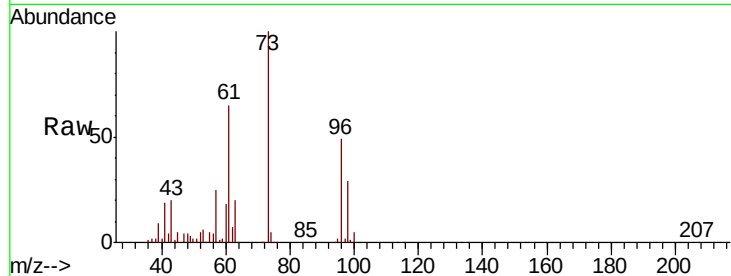
Tot Ion: 96 Resp: 39917

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

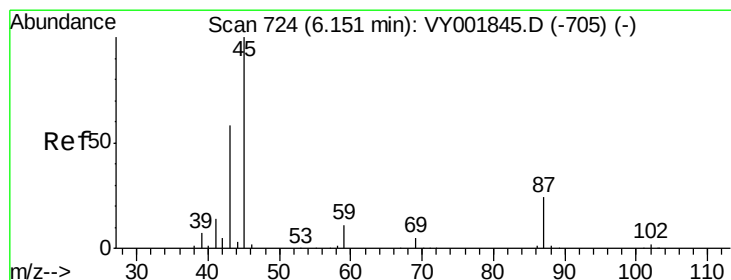
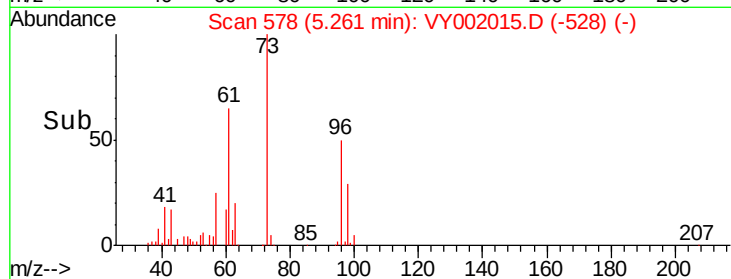
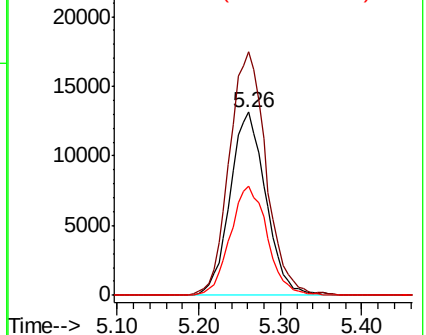
98 59.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.696 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Tgt Ion: 45 Resp: 133987

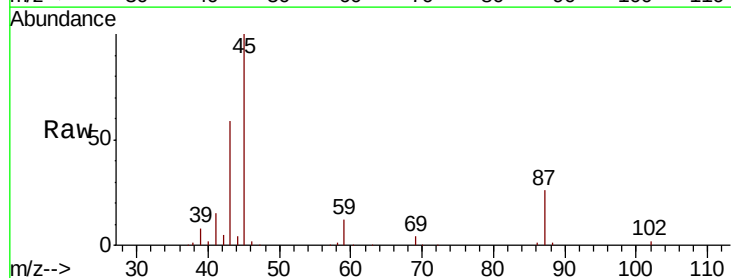
Ion Ratio Lower Upper

45 100

43 58.7 47.2 70.8

87 25.8 19.8 29.8

59 12.3 8.8 13.2

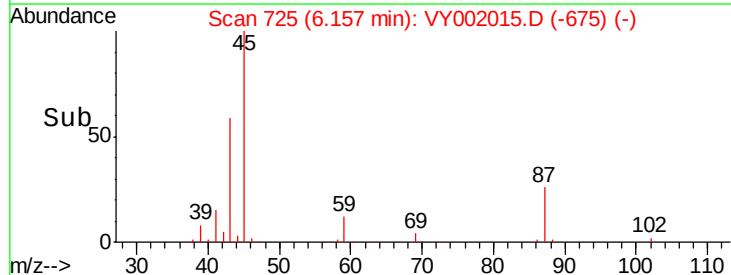
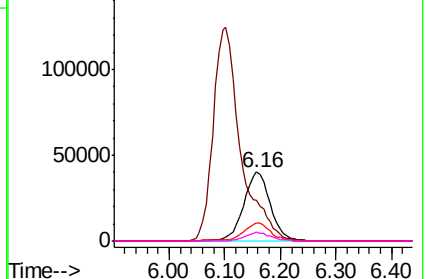


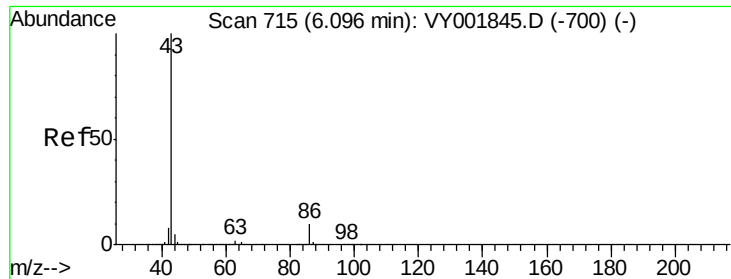
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.030 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

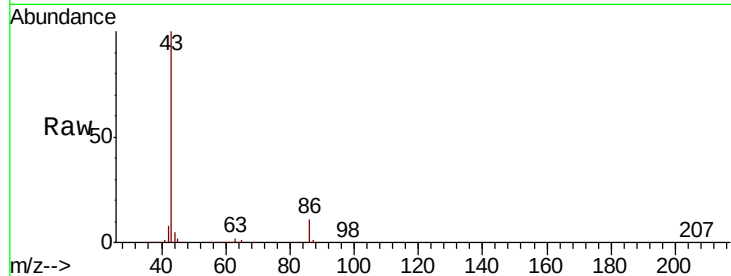
VY0319SBS01

Tot Ion: 43 Resp: 425221

Ion Ratio Lower Upper

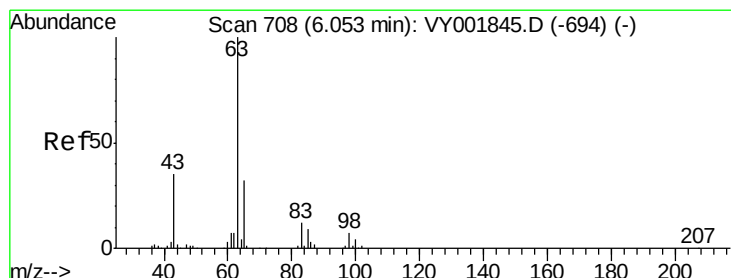
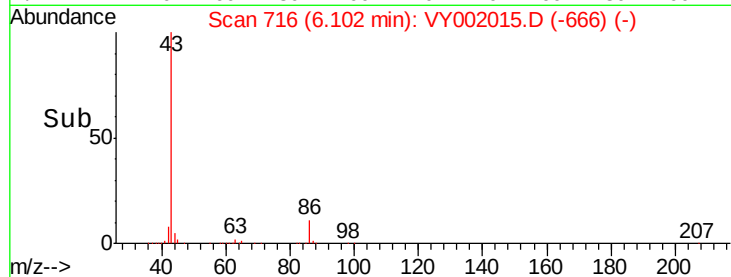
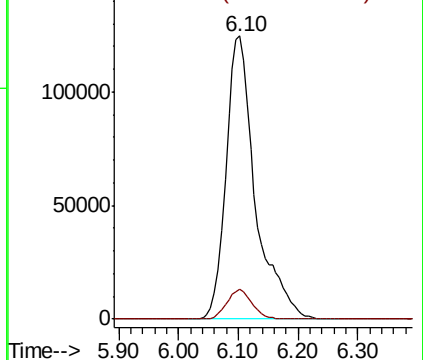
43 100

86 10.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.217 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

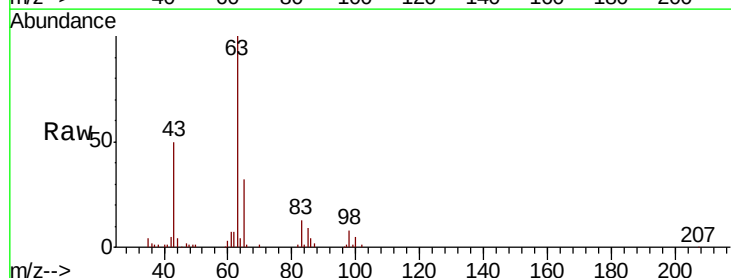
Tgt Ion: 63 Resp: 70958

Ion Ratio Lower Upper

63 100

98 8.2 3.4 10.2

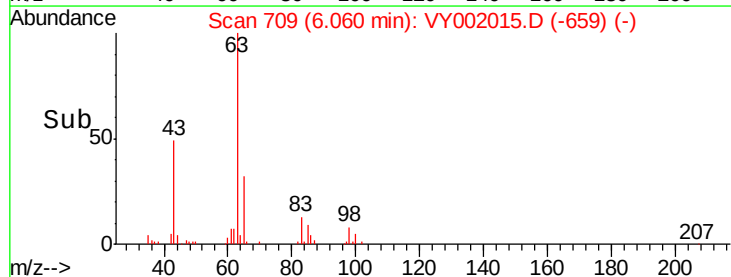
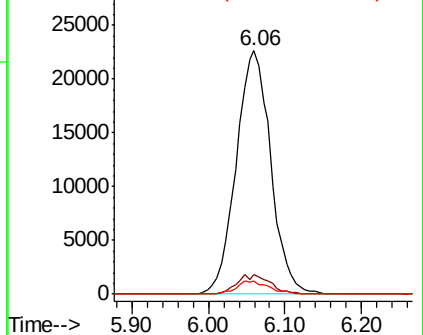
100 5.3 2.0 6.0

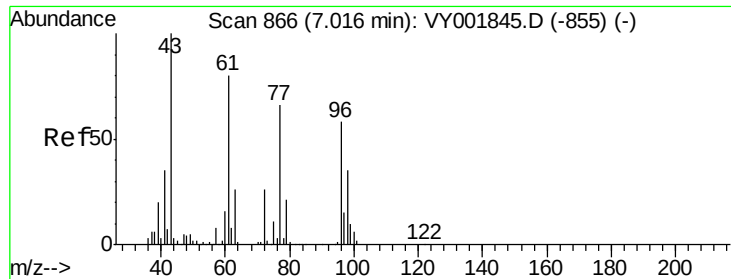


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

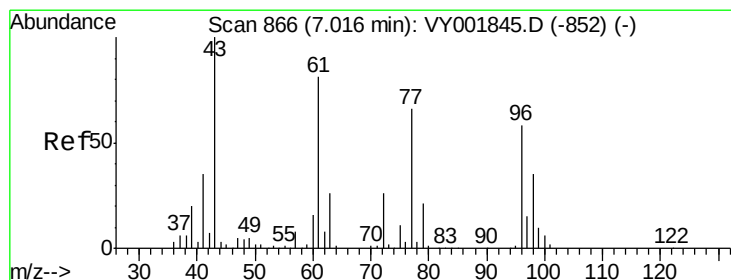
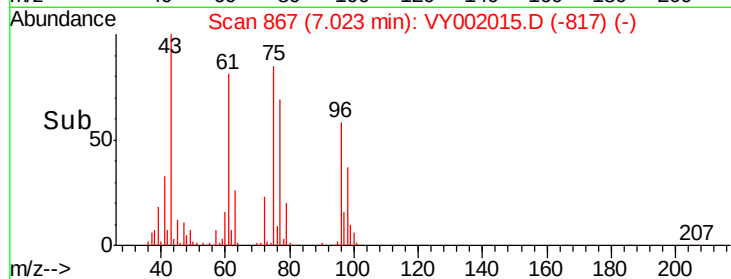
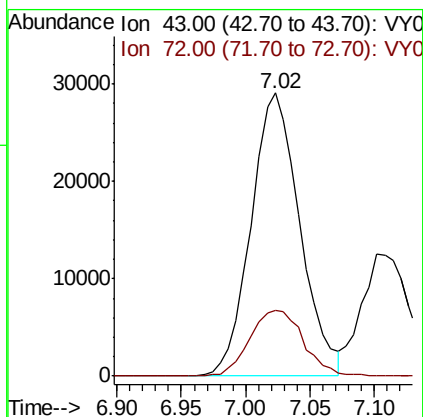
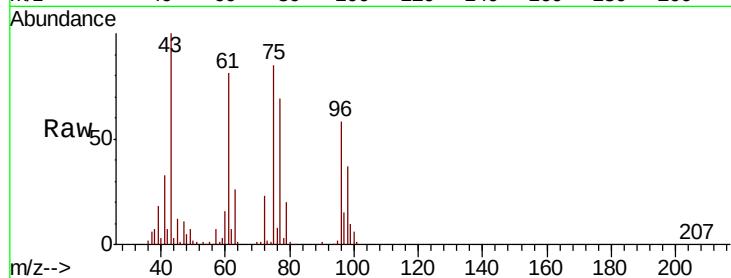




#25
2-Butanone
Concen: 105.856 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

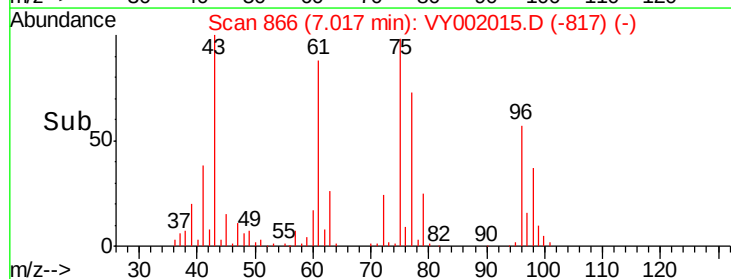
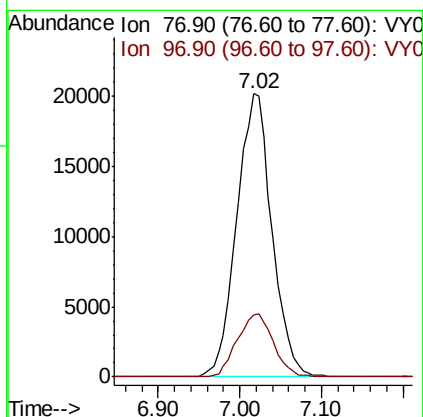
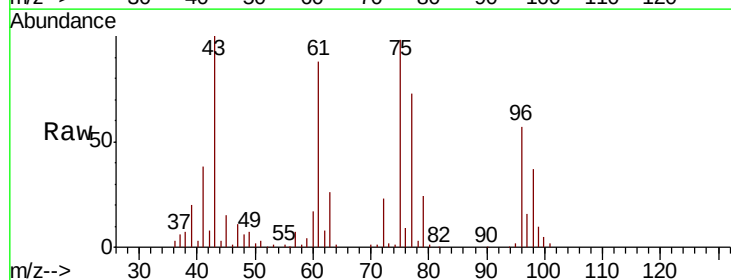
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

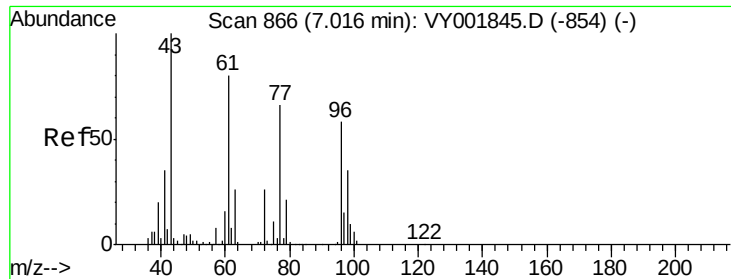
Tot Ion: 43 Resp: 76509
Ion Ratio Lower Upper
43 100
72 23.4 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.946 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 77 Resp: 60239
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.7



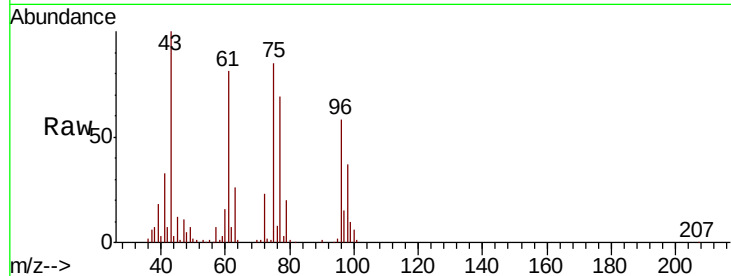


#27

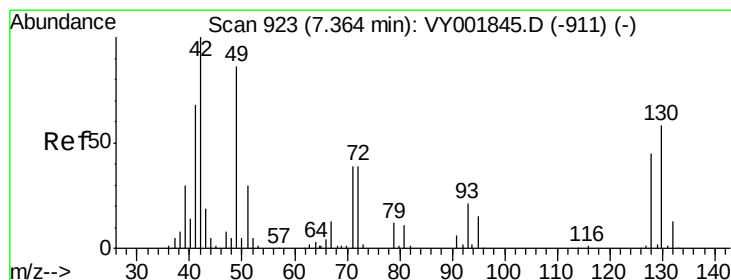
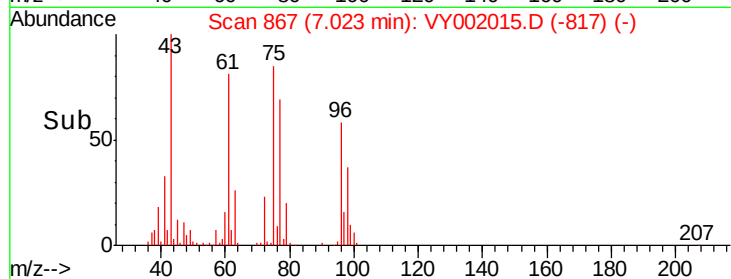
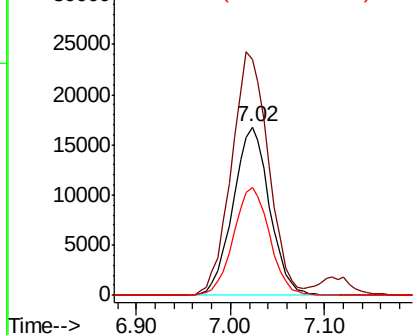
cis-1,2-Dichloroethene
Concen: 21.572 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 96 Resp: 45263
Ion Ratio Lower Upper
96 100
61 146.8 0.0 288.2
98 63.5 0.0 129.0



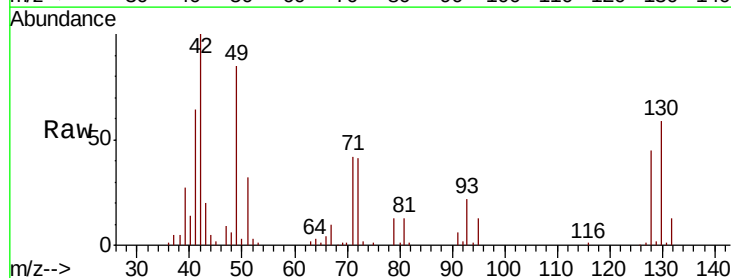
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



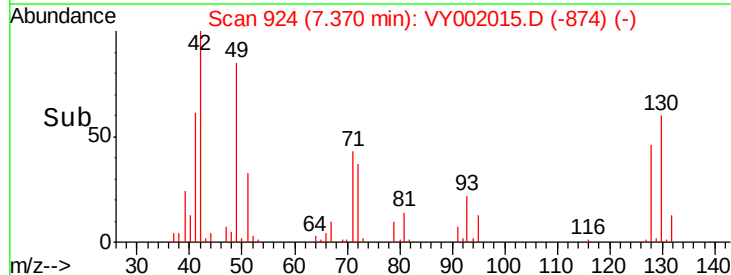
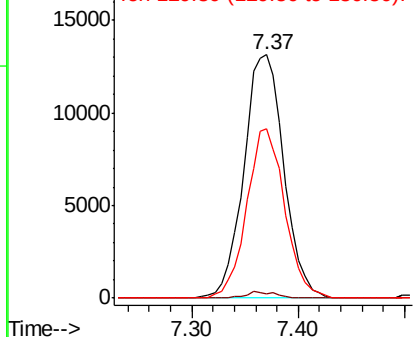
#28

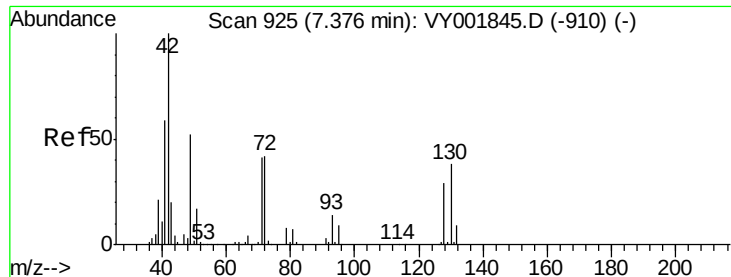
Bromochloromethane
Concen: 22.950 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 49 Resp: 34595
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 66.1 54.4 81.6



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

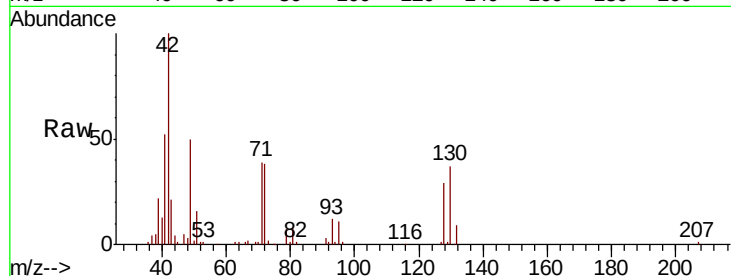




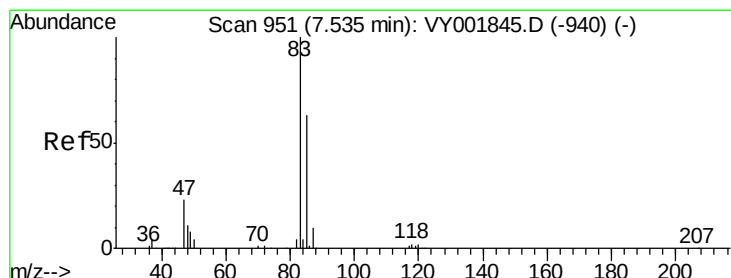
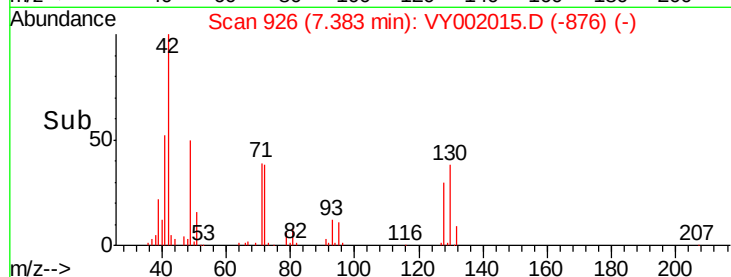
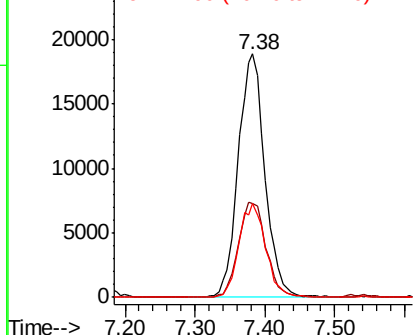
#29
Tetrahydrofuran
Concen: 104.177 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 42 Resp: 50001
Ion Ratio Lower Upper
42 100
72 40.2 33.5 50.3
71 38.2 31.3 46.9

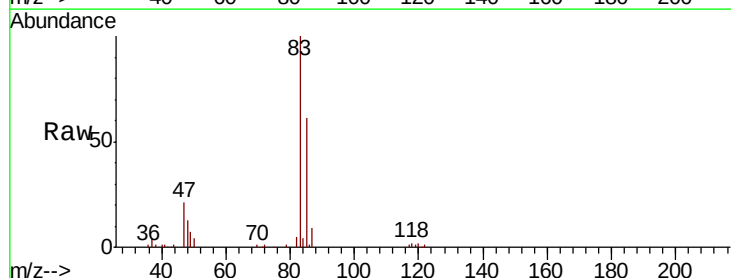


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

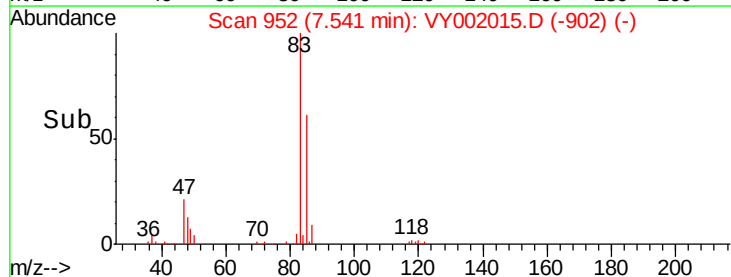
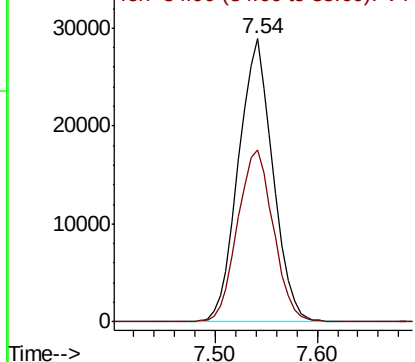


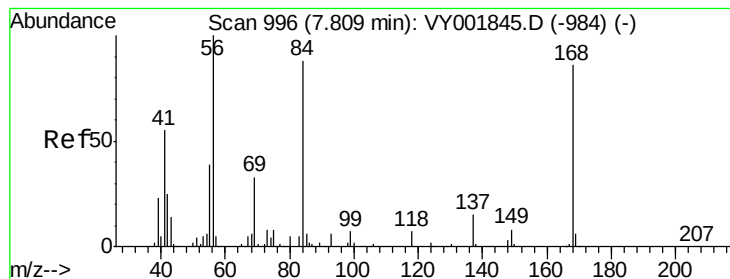
#30
Chloroform
Concen: 21.541 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 83 Resp: 67684
Ion Ratio Lower Upper
83 100
85 60.6 50.7 76.1



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





#31

Cyclohexane

Concen: 20.380 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

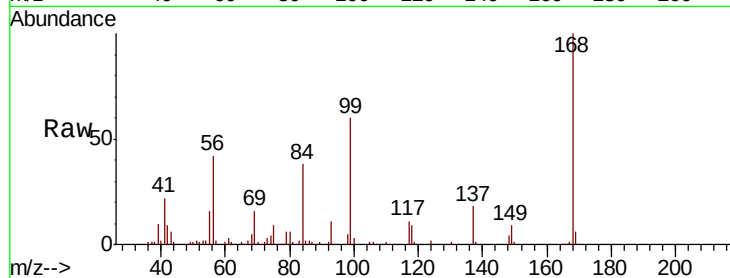
Tot Ion: 56 Resp: 73078

Ion Ratio Lower Upper

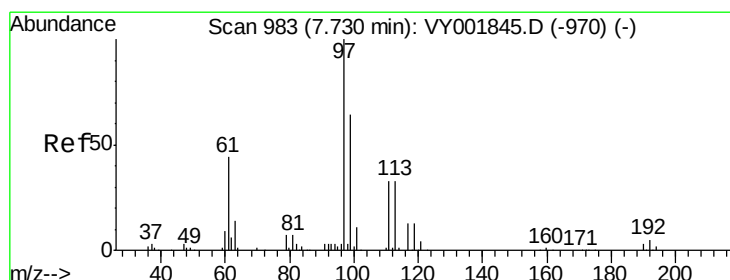
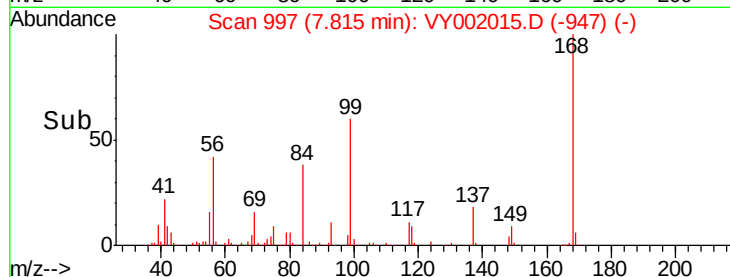
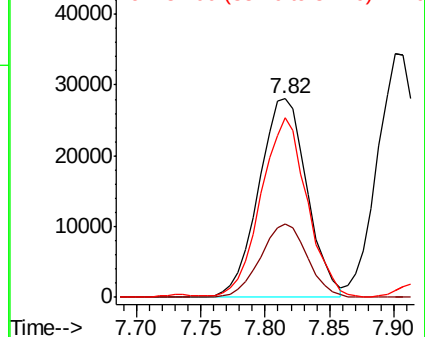
56 100

69 37.2 26.7 40.1

84 89.3 70.4 105.6



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: 21.459 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

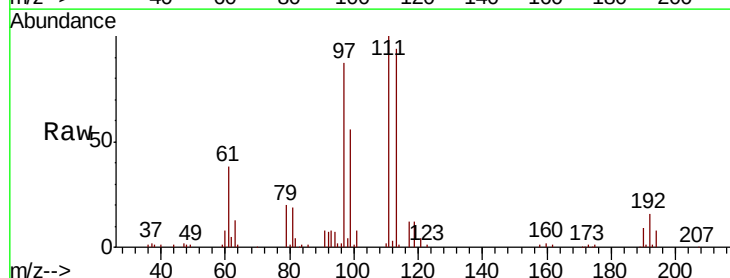
Tgt Ion: 97 Resp: 56828

Ion Ratio Lower Upper

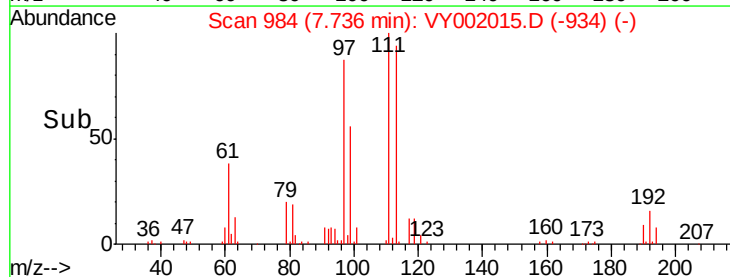
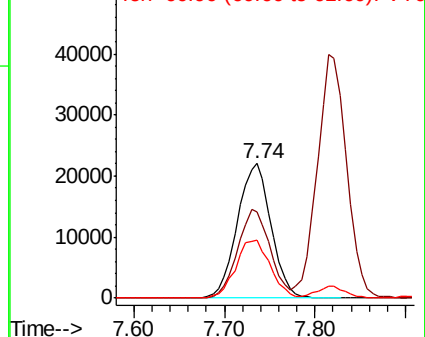
97 100

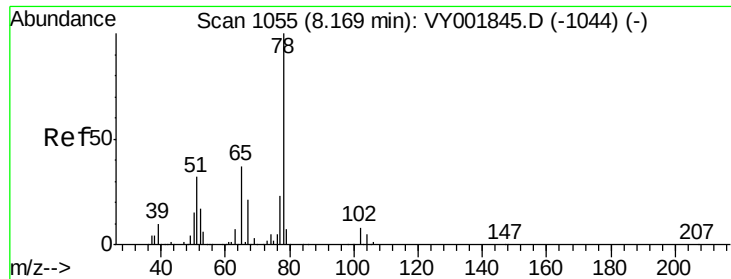
99 63.6 52.0 78.0

61 44.1 35.0 52.4



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

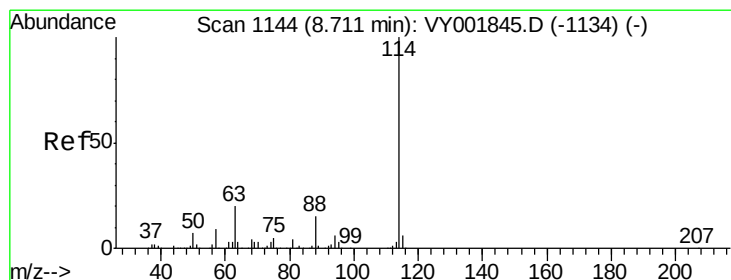
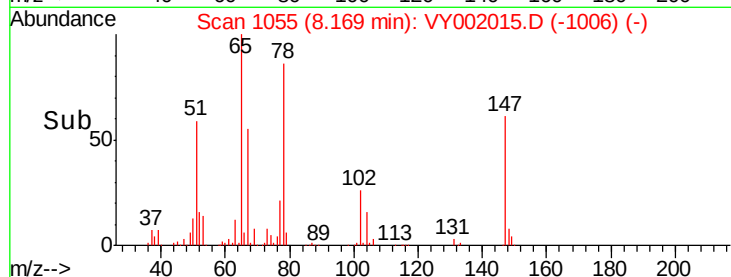
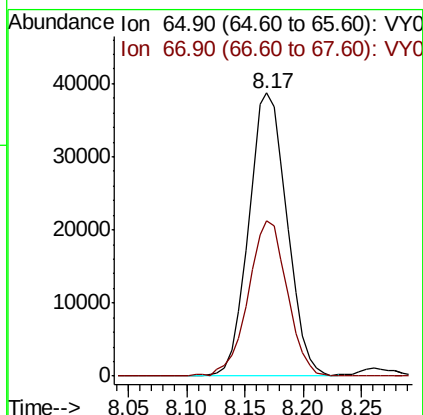
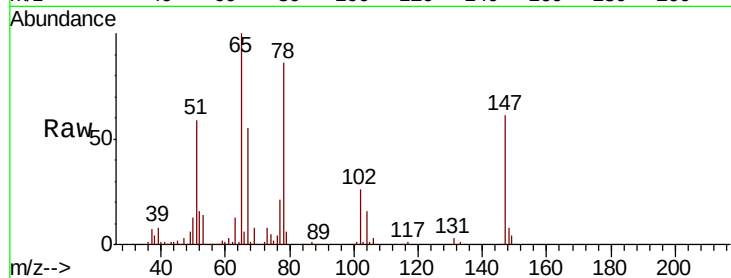




#33
 1,2-Dichloroethane-d4
 Concen: 53.946 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

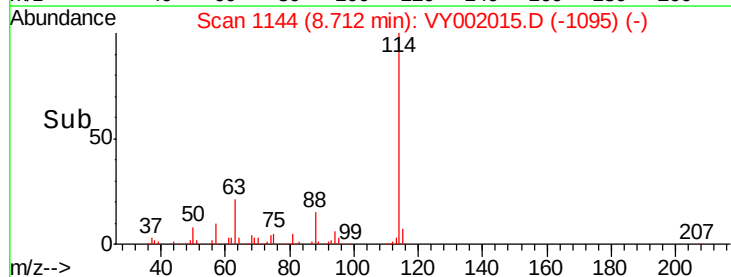
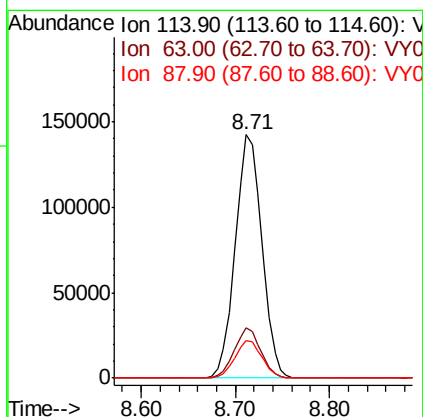
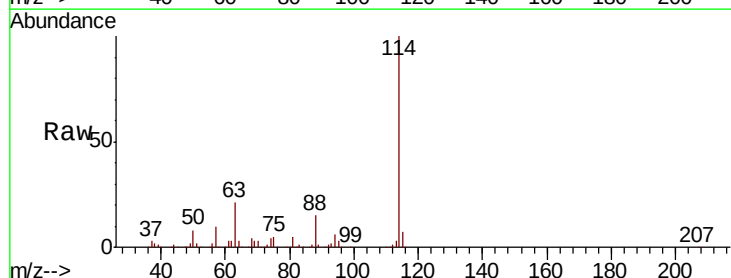
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

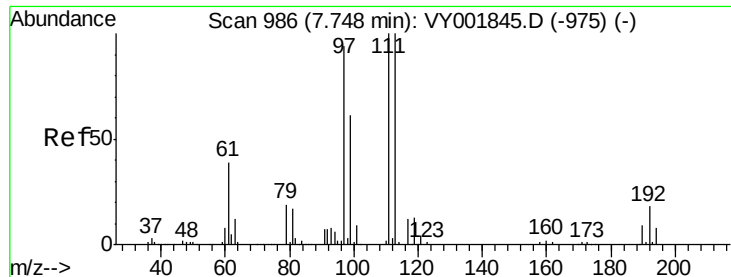
Tot Ion: 65 Resp: 88029
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 114 Resp: 279390
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.4
 88 15.4 0.0 30.4

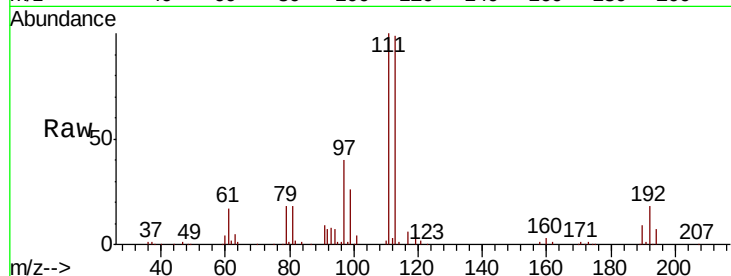




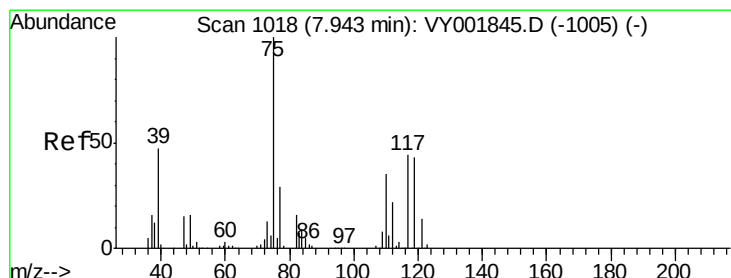
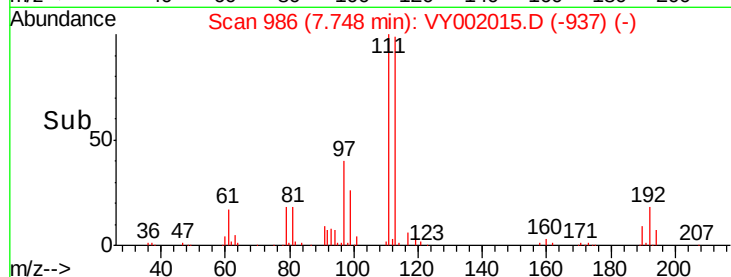
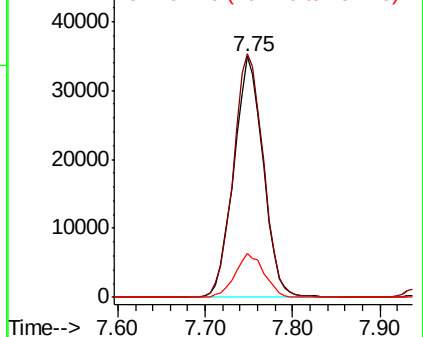
#35
 Dibromofluoromethane
 Concen: 53.318 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion:113 Resp: 81341
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 18.0 14.2 21.2

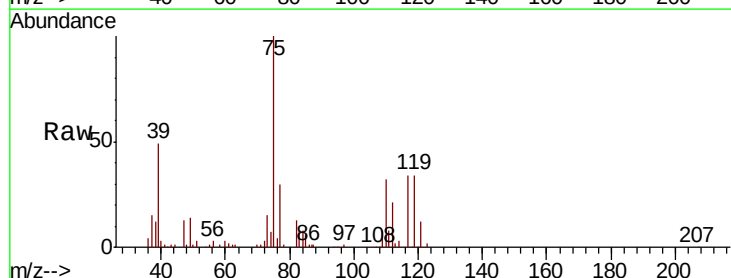


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

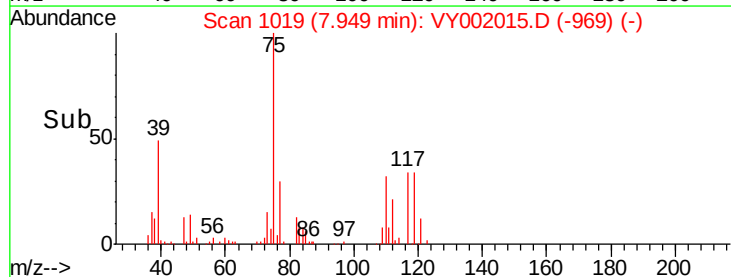
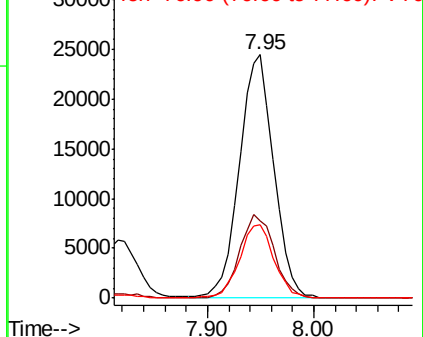


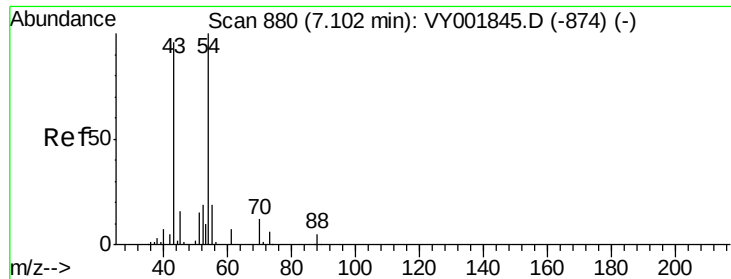
#36
 1,1-Dichloropropene
 Concen: 20.661 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 75 Resp: 55549
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.4 52.2
 77 30.4 24.2 36.2



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

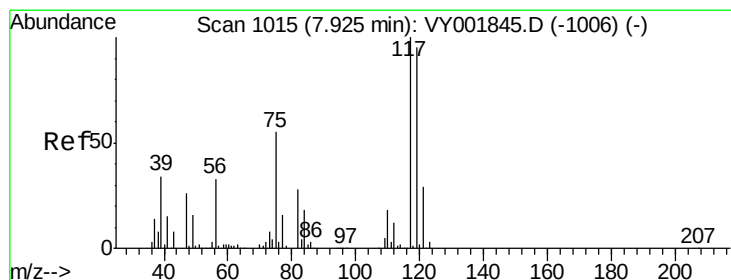
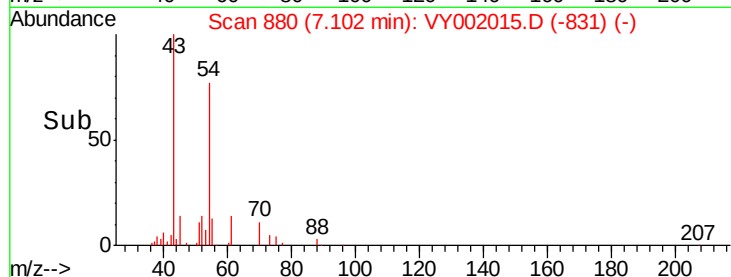
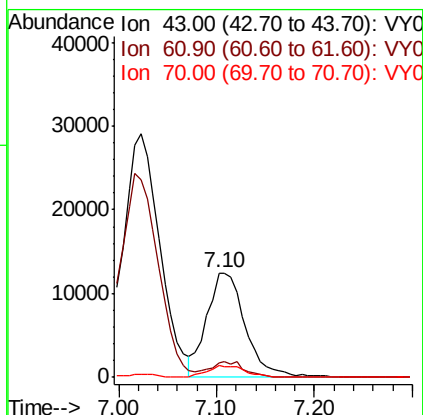
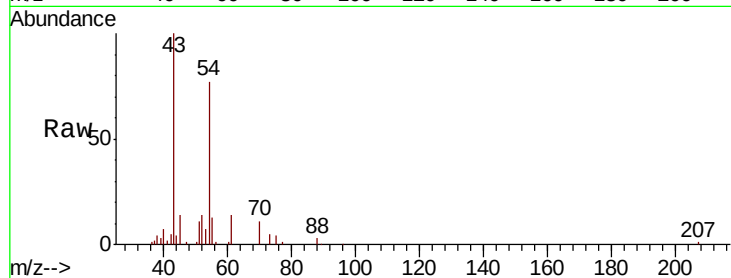




#37
Ethyl Acetate
Concen: 21.867 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

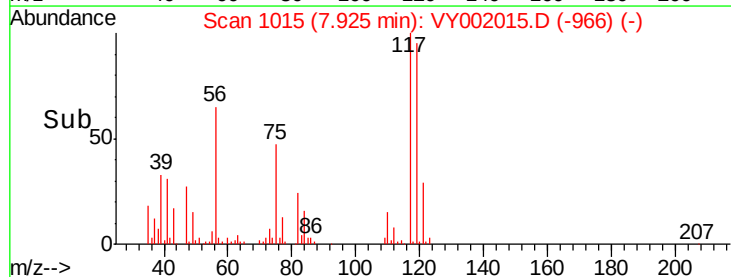
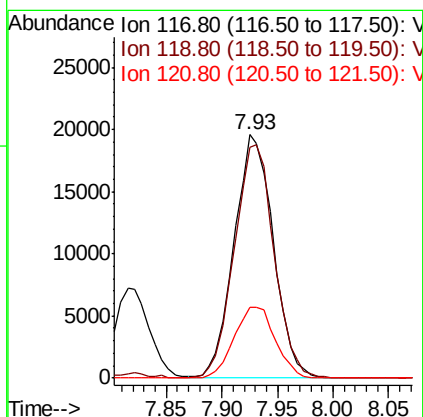
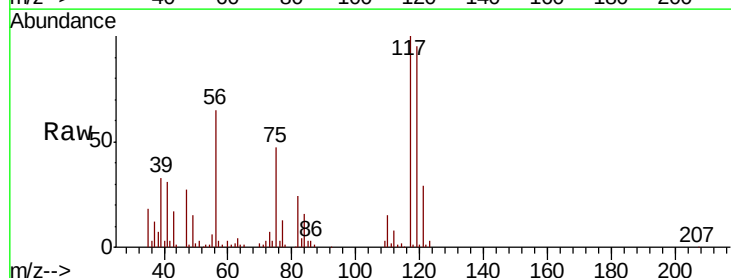
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

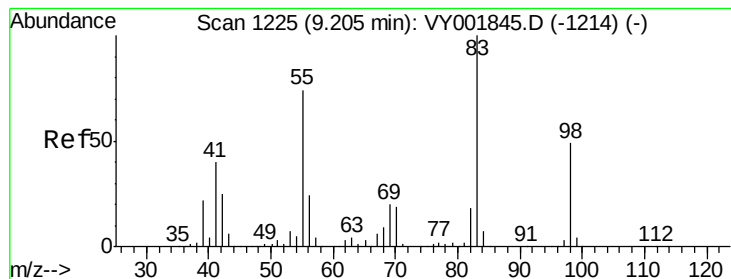
Tot Ion: 43 Resp: 34169
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.887 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 117 Resp: 47971
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
121 28.9 23.5 35.3





#39

Methylvlcyclohexane

Concen: 20.034 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

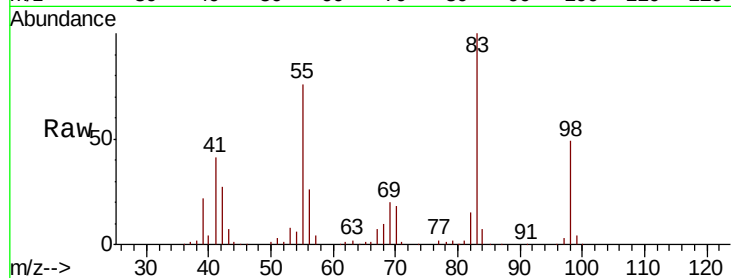
Tot Ion: 83 Resp: 71439

Ion Ratio Lower Upper

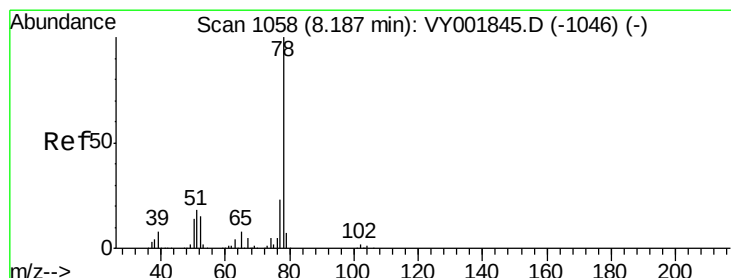
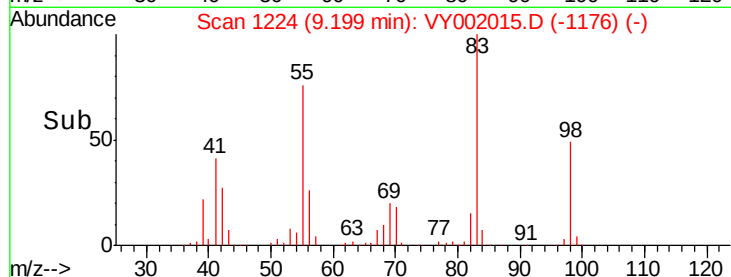
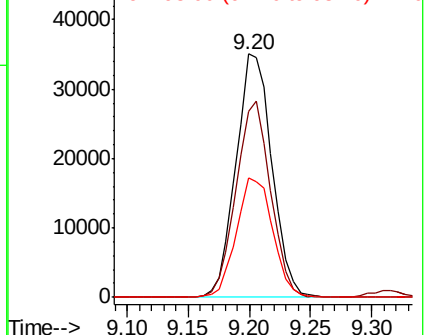
83 100

55 76.4 59.4 89.0

98 48.9 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.658 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VY002015.D

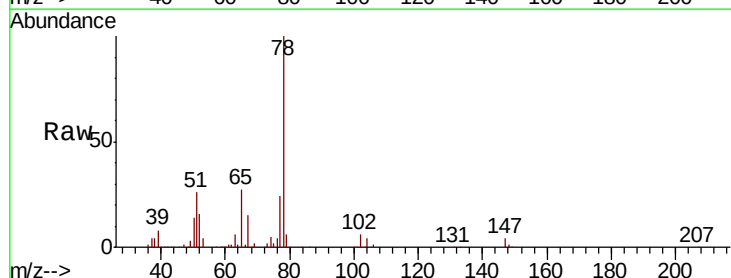
Acq: 19 Mar 2020 12:52

Tgt Ion: 78 Resp: 164625

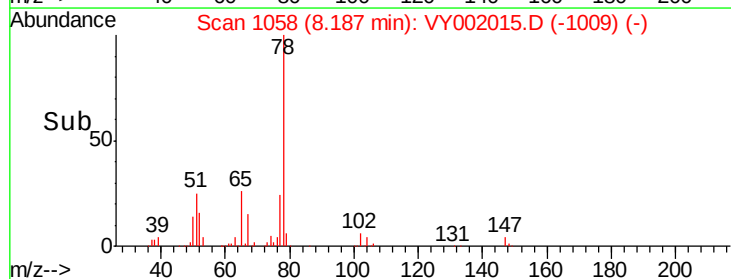
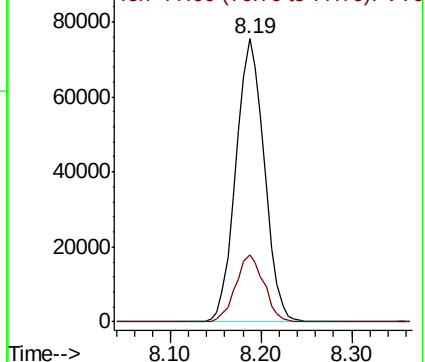
Ion Ratio Lower Upper

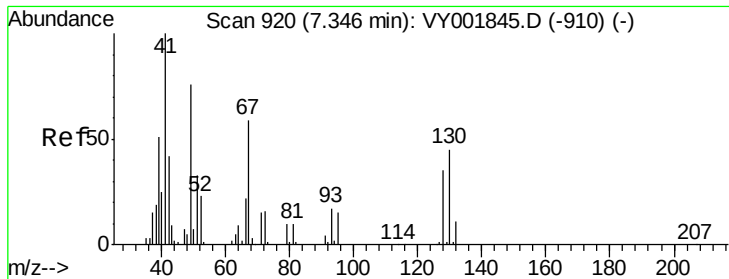
78 100

77 23.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

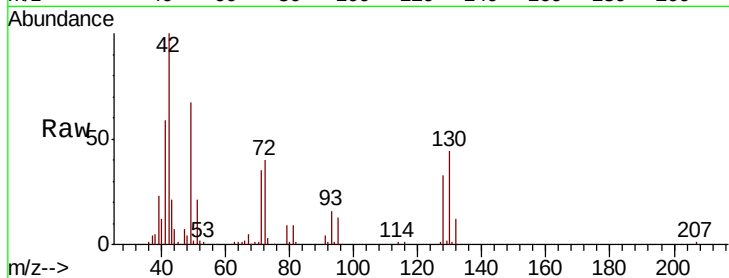




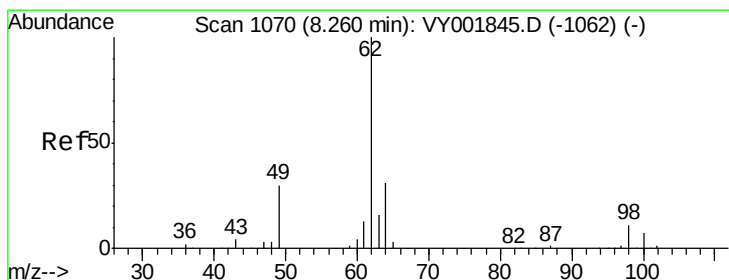
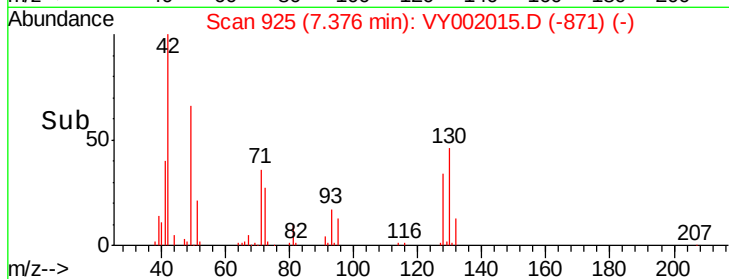
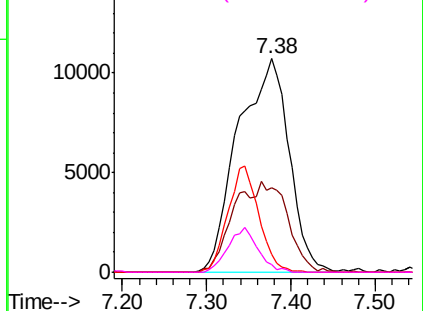
#41
Methacrylonitrile
Concen: 63.174 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 41 Resp: 44426
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

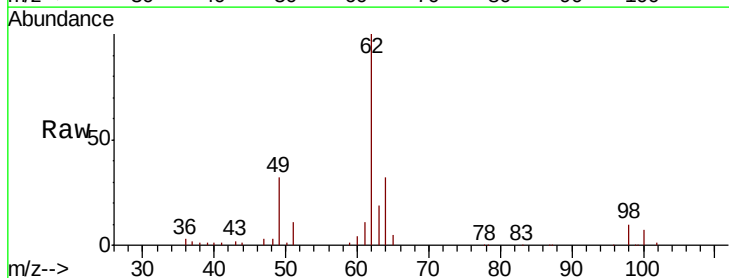


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

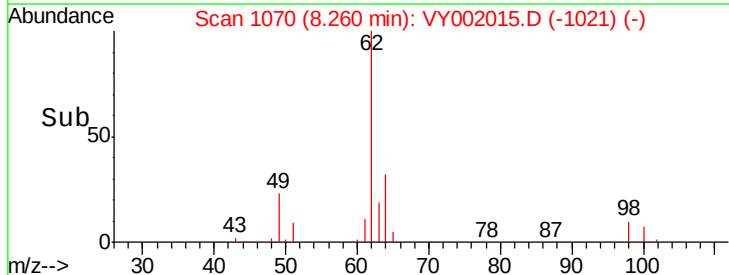
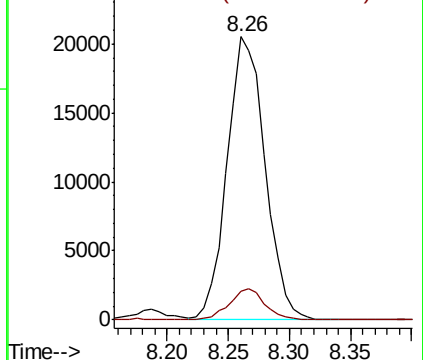


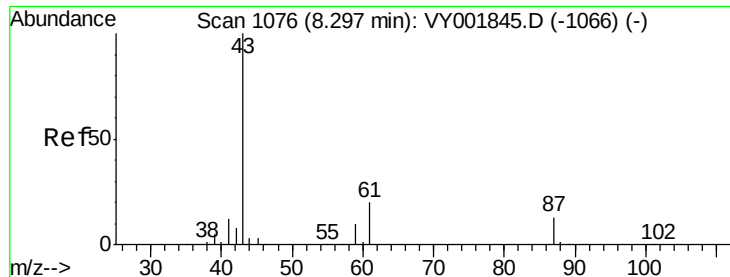
#42
1,2-Dichloroethane
Concen: 21.530 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 62 Resp: 44212
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 20.449 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

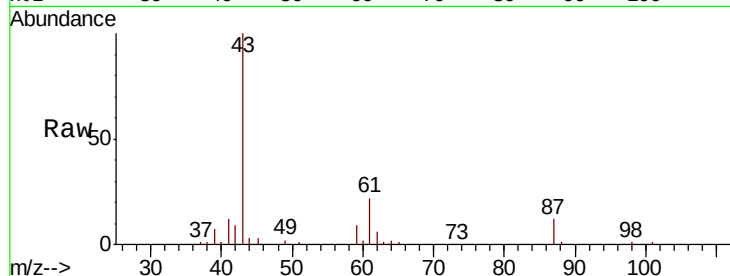
Tot Ion: 43 Resp: 60497

Ion Ratio Lower Upper

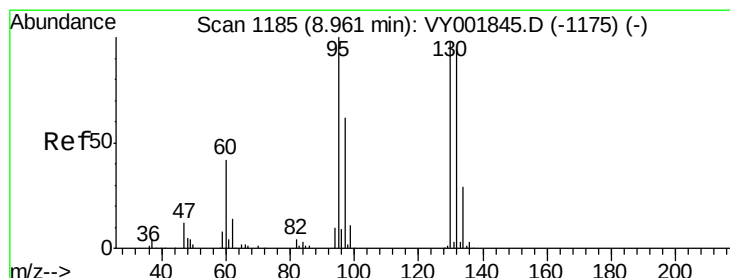
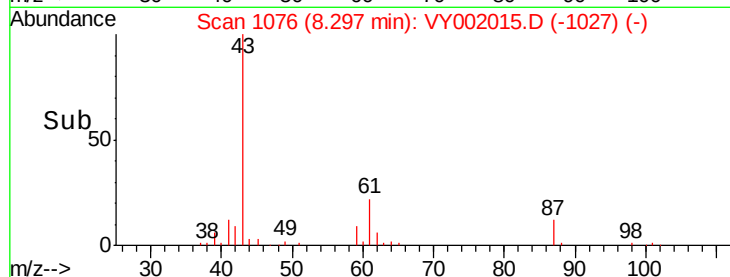
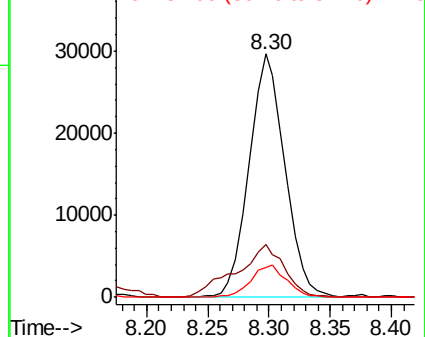
43 100

61 29.3 23.8 35.6

87 13.2 10.9 16.3



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



#44

Trichloroethene

Concen: 20.969 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002015.D

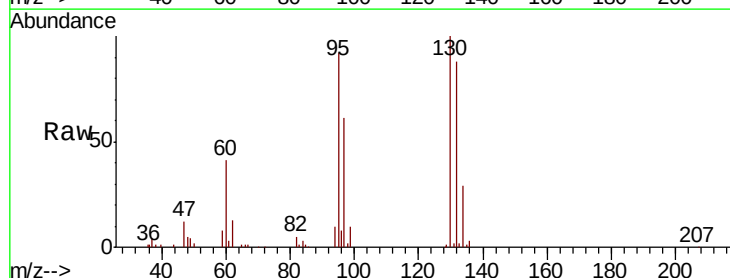
Acq: 19 Mar 2020 12:52

Tgt Ion:130 Resp: 40697

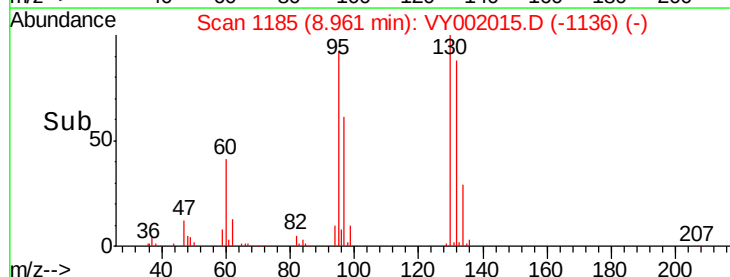
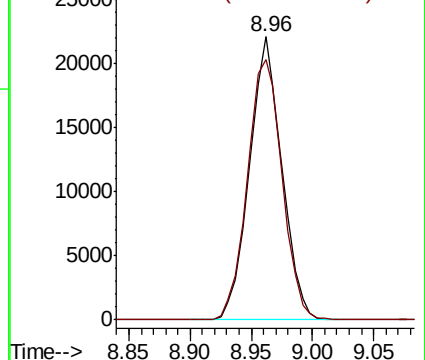
Ion Ratio Lower Upper

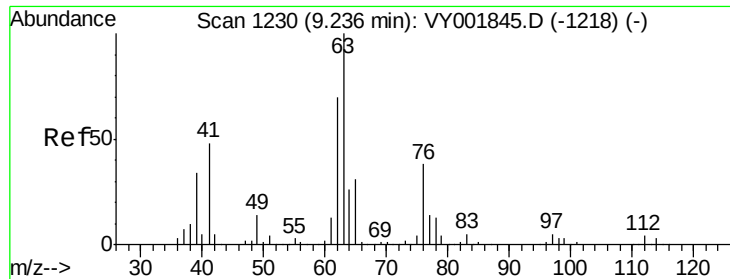
130 100

95 91.8 0.0 204.6



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

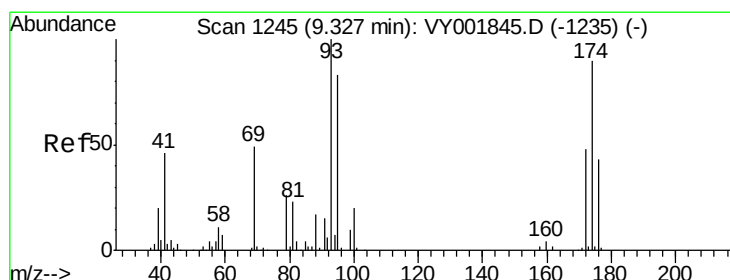
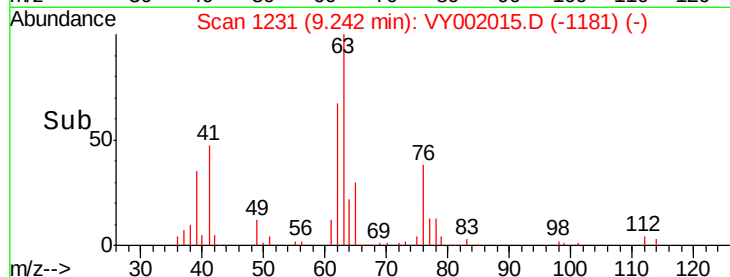
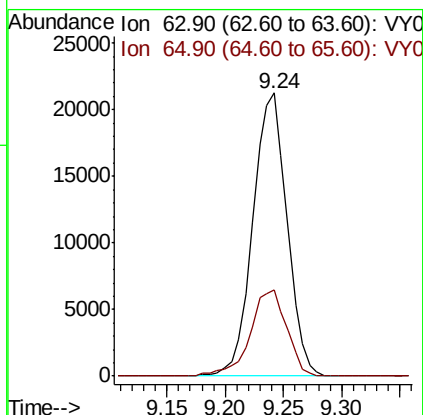
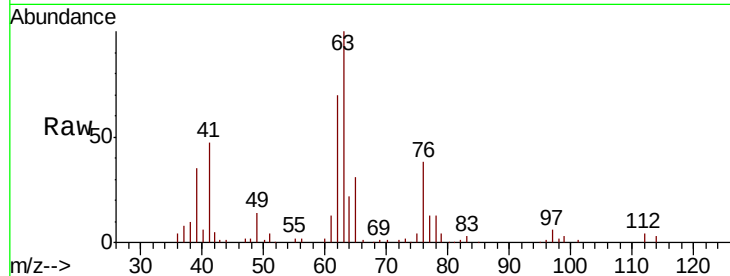




#45
 1,2-Dichloropropane
 Concen: 21.571 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

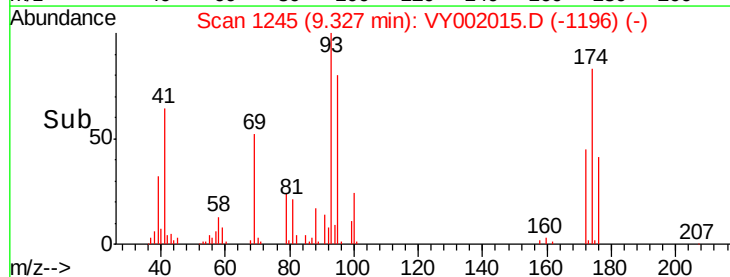
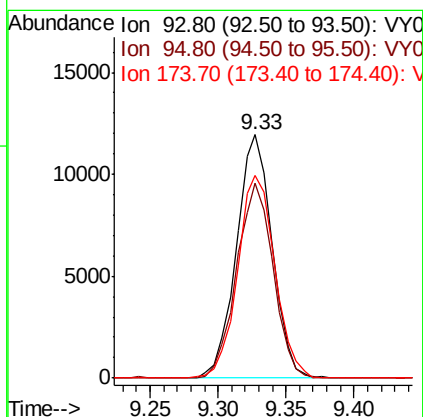
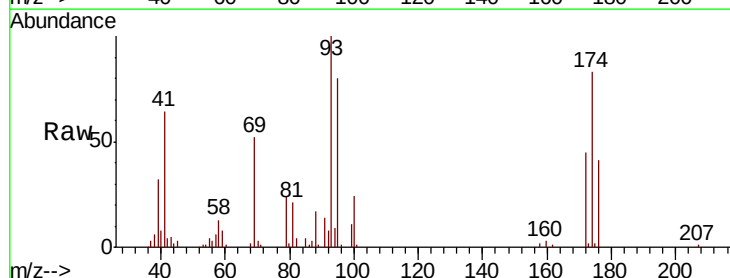
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

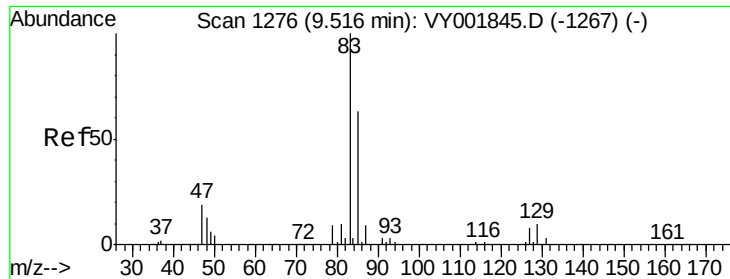
Tot Ion: 63 Resp: 43212
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3



#46
 Dibromomethane
 Concen: 21.156 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 93 Resp: 21840
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 87.0 71.8 107.8





#47

Bromodichloromethane

Concen: 21.181 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

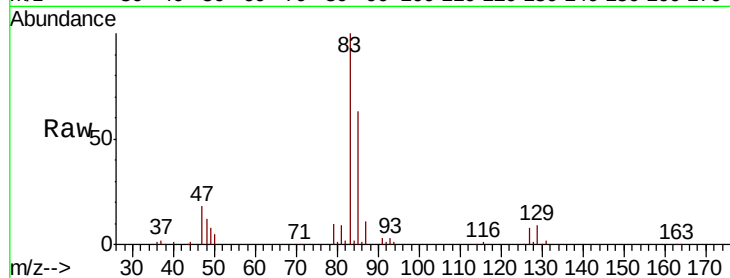
Tot Ion: 83 Resp: 50863

Ion Ratio Lower Upper

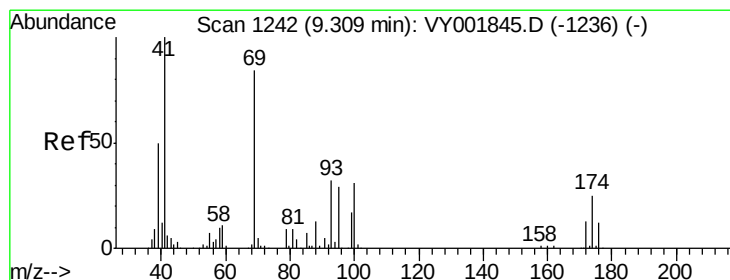
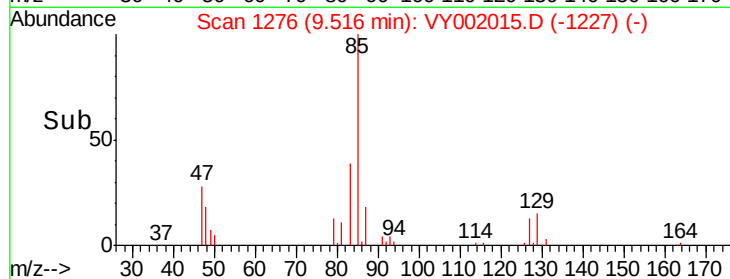
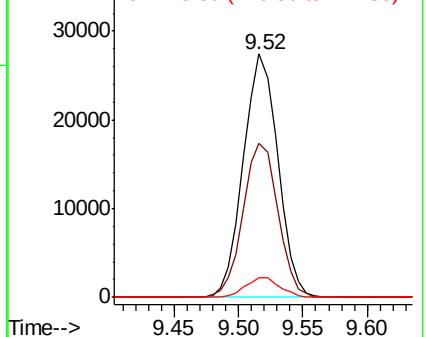
83 100

85 63.4 50.6 76.0

127 8.2 6.2 9.4



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: 20.525 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

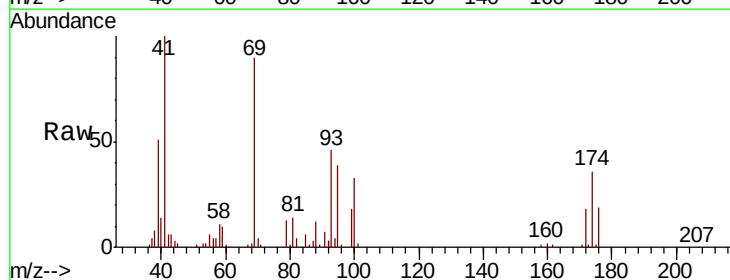
Tgt Ion: 41 Resp: 26944

Ion Ratio Lower Upper

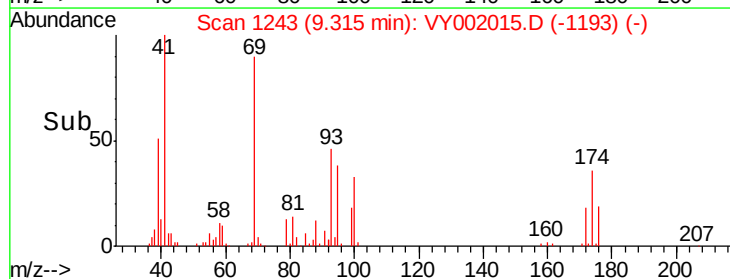
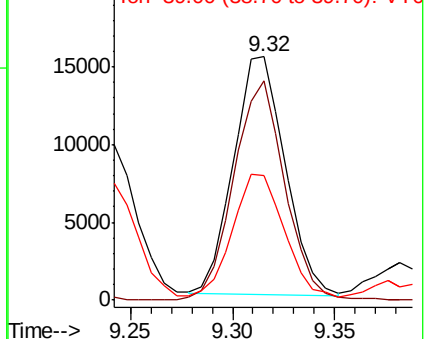
41 100

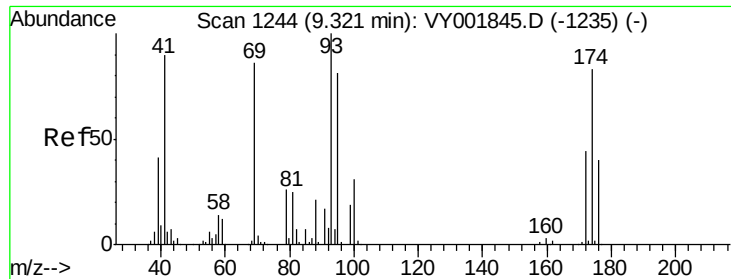
69 91.1 69.0 103.6

39 54.2 39.1 58.7



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

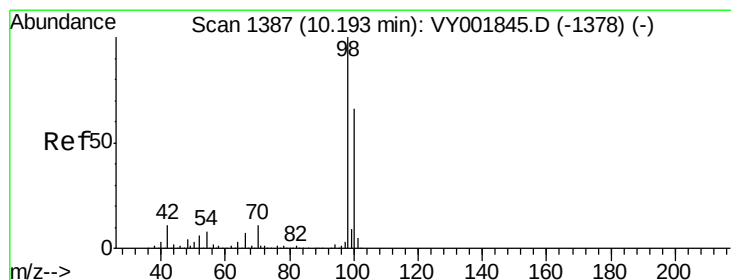
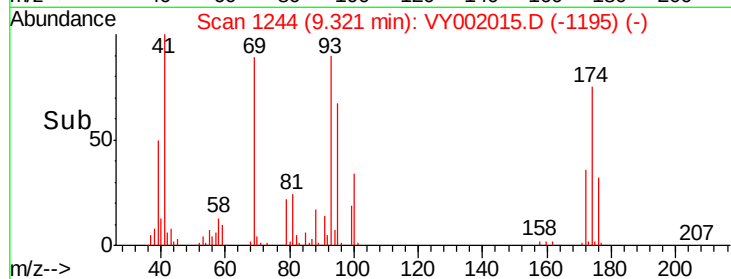
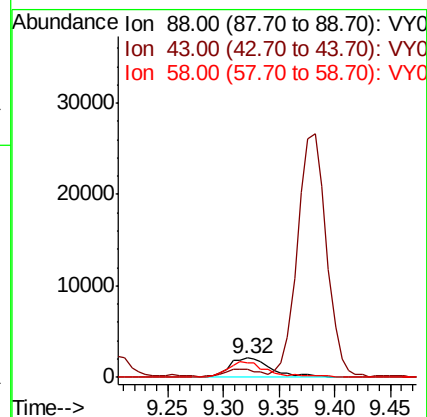
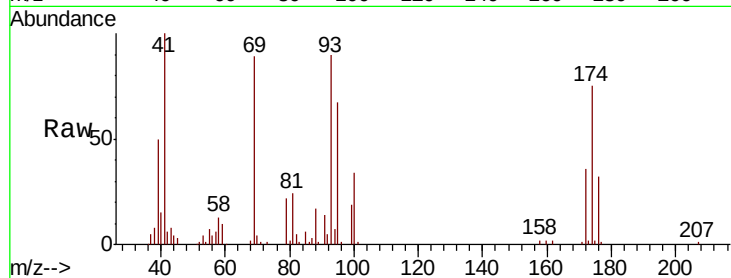




#49
1,4-Dioxane
Concen: 405.644 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

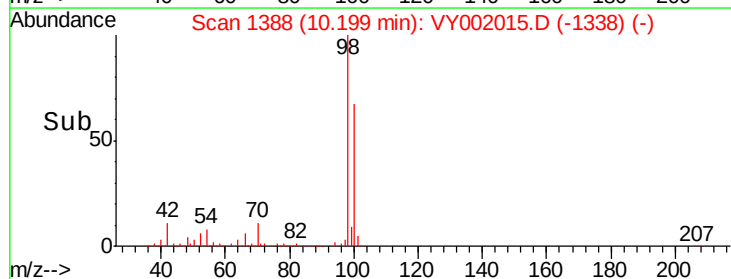
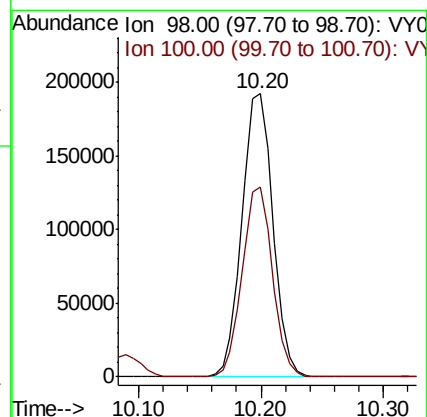
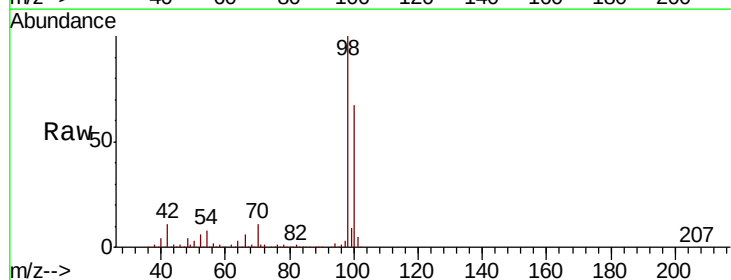
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

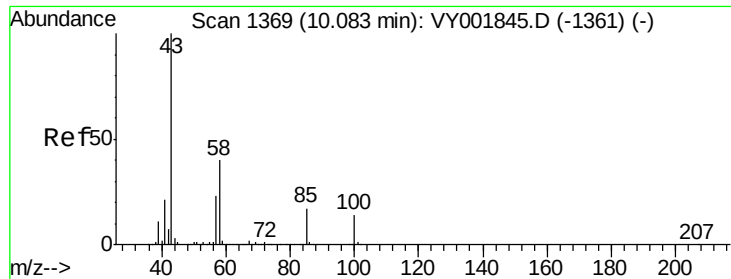
Tot Ion: 88 Resp: 5738
Ion Ratio Lower Upper
88 100
43 28.2 25.0 37.6
58 77.1 58.9 88.3



#50
Toluene-d8
Concen: 52.478 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 98 Resp: 337599
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 111.543 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

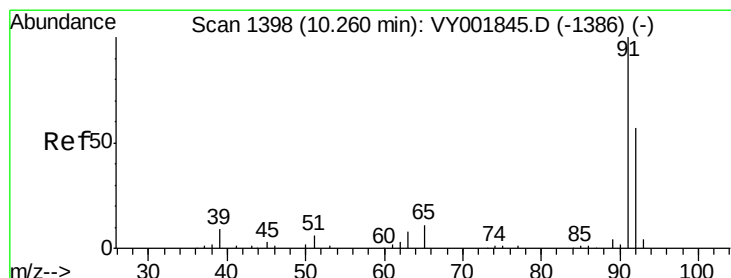
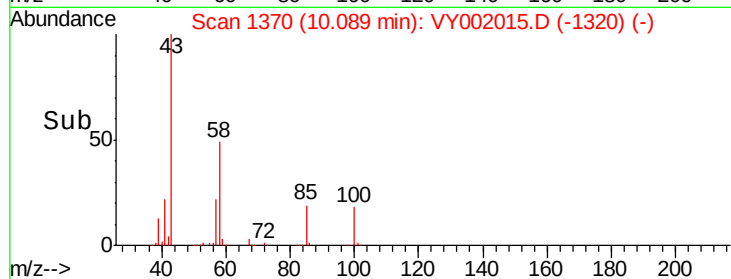
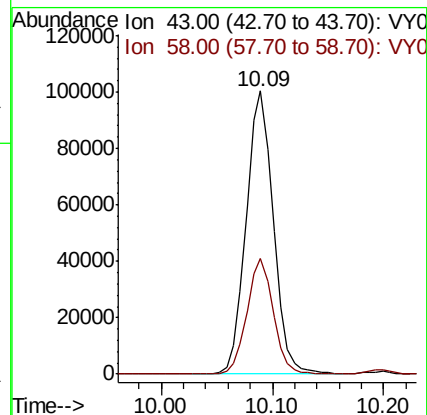
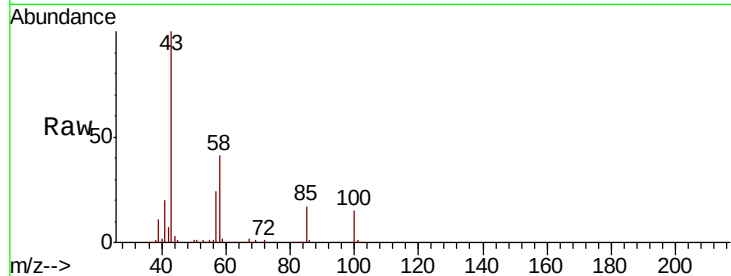
VY0319SBS01

Tot Ion: 43 Resp: 169971

Ion Ratio Lower Upper

43 100

58 39.6 32.0 48.0



#52

Toluene

Concen: 20.688 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002015.D

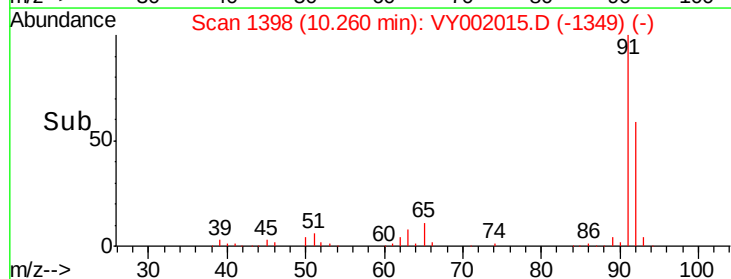
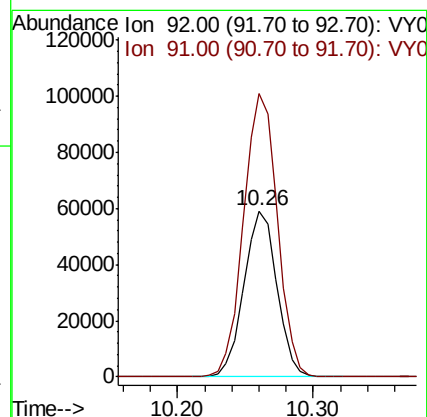
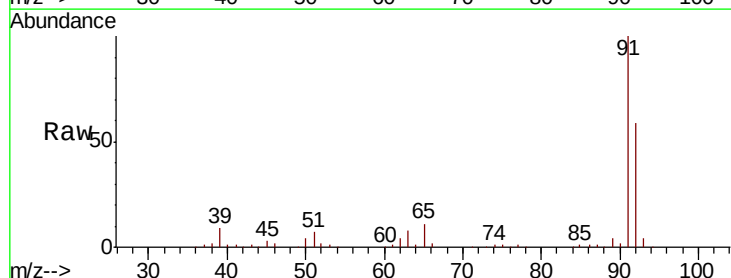
Acq: 19 Mar 2020 12:52

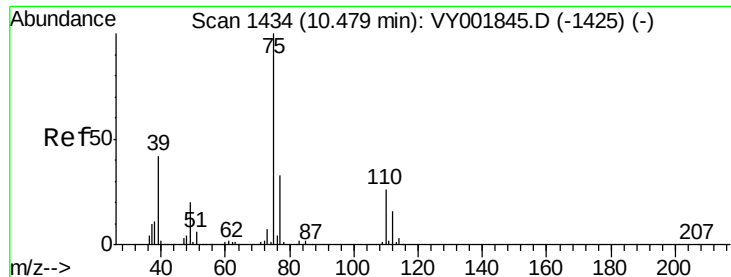
Tgt Ion: 92 Resp: 100149

Ion Ratio Lower Upper

92 100

91 175.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.455 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

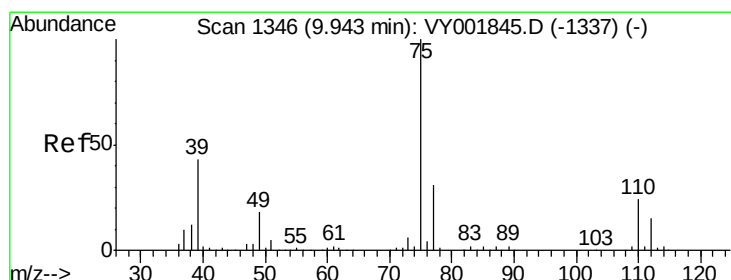
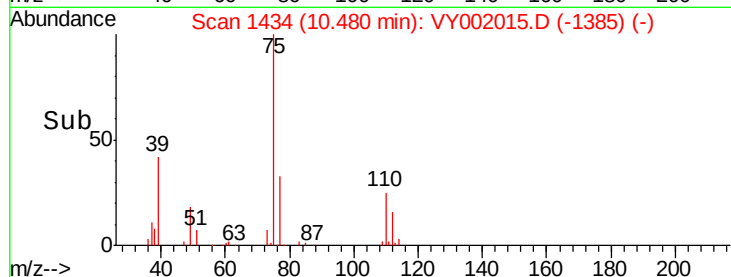
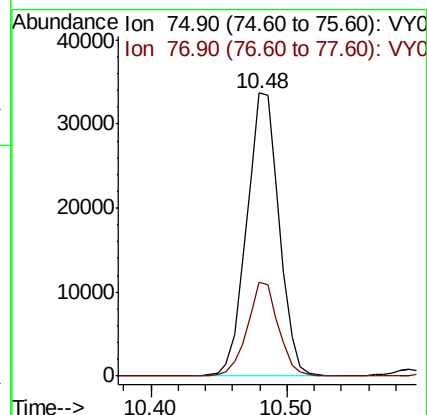
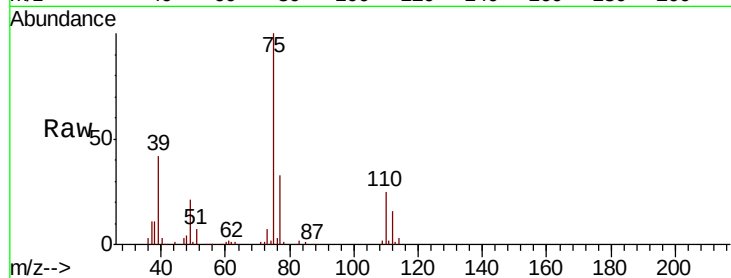
VY0319SBS01

Tot Ion: 75 Resp: 56132

Ion Ratio Lower Upper

75 100

77 33.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 21.177 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

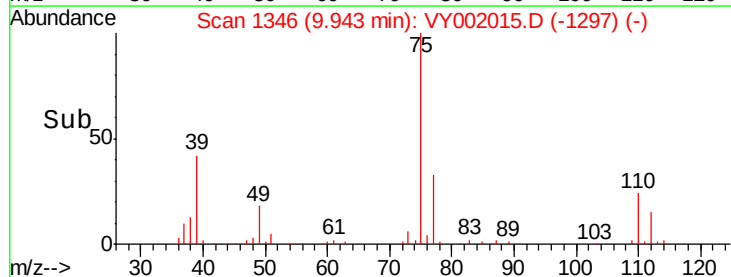
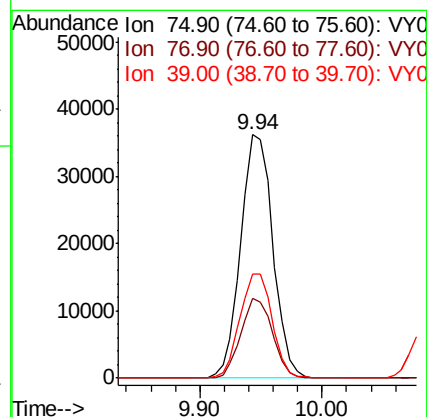
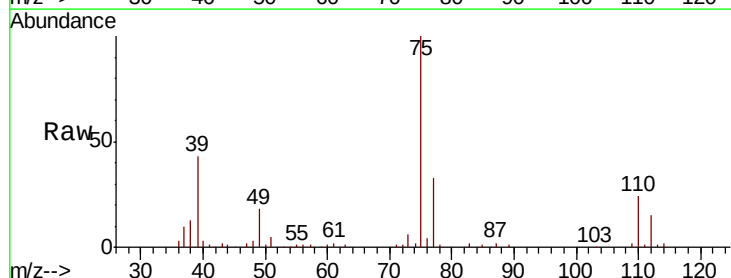
Tgt Ion: 75 Resp: 65957

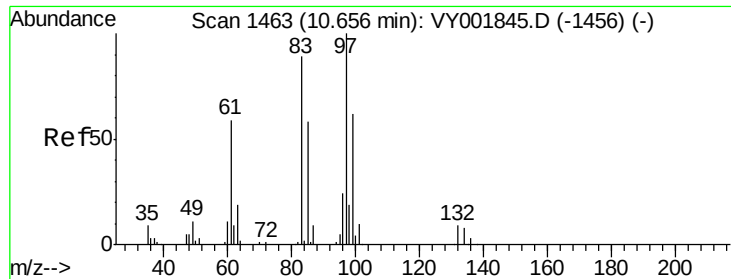
Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 43.0 34.7 52.1

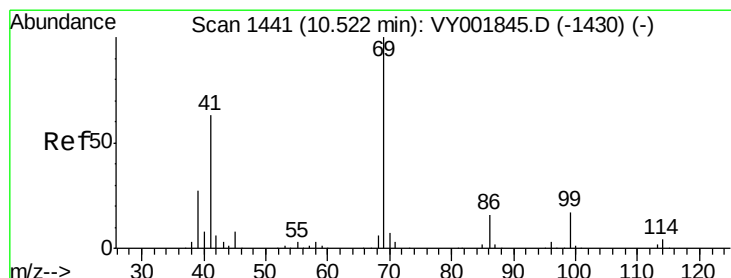
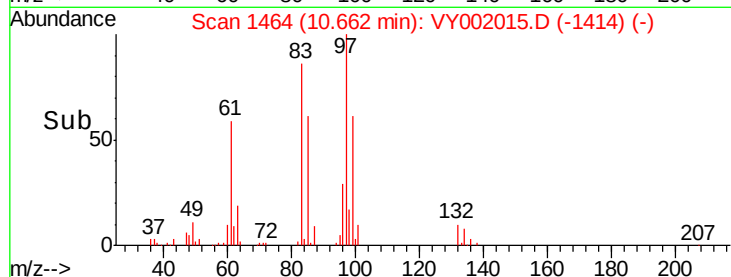
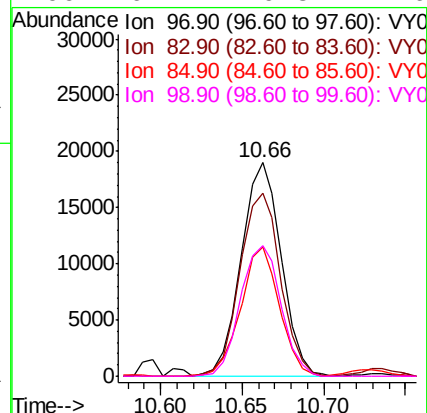
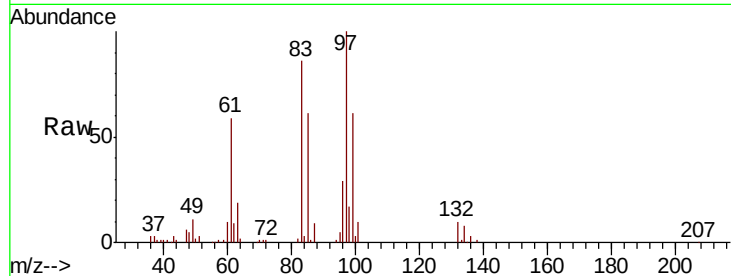




#55
 1,1,2-Trichloroethane
 Concen: 21.479 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

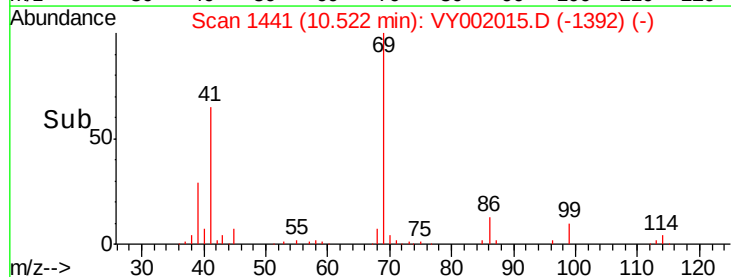
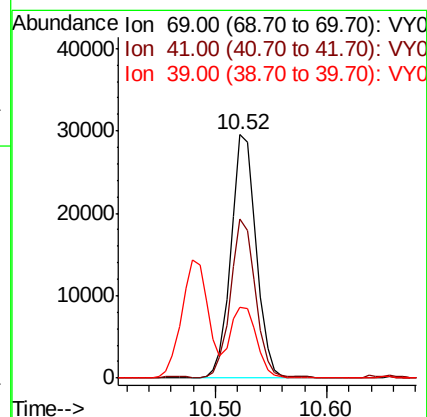
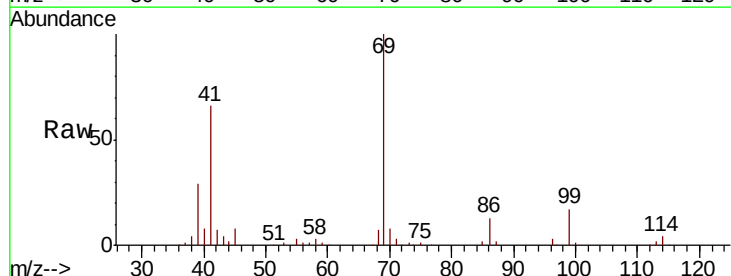
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

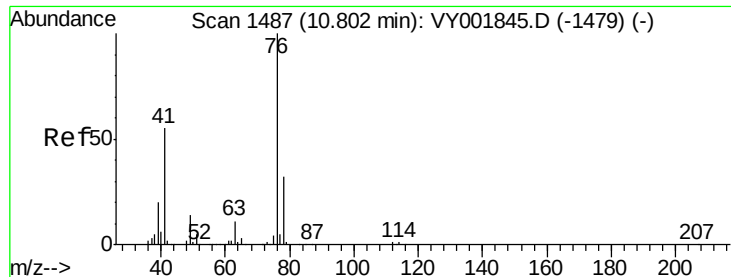
Tot Ion: 97 Resp: 32450
 Ion Ratio Lower Upper
 97 100
 83 85.9 71.6 107.4
 85 60.2 46.6 69.8
 99 61.2 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 20.896 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 69 Resp: 46274
 Ion Ratio Lower Upper
 69 100
 41 65.2 49.9 74.9
 39 30.8 23.0 34.6





#57

1,3-Dichloropropane

Concen: 21.282 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

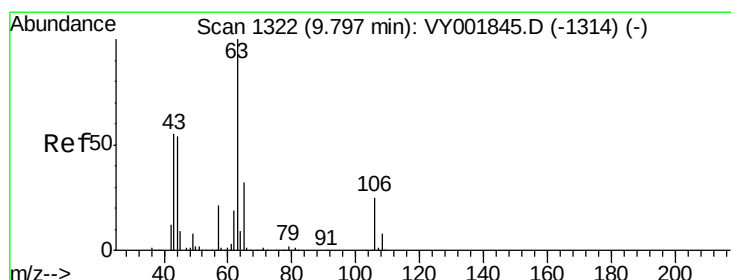
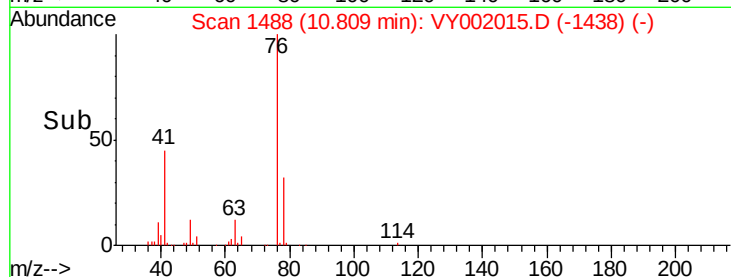
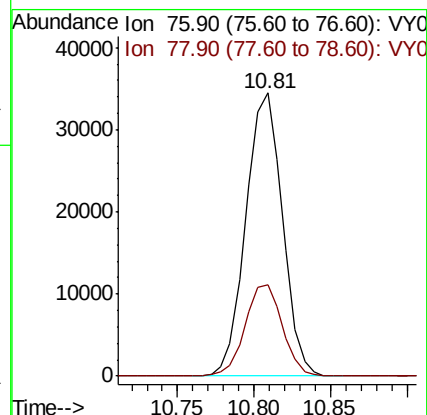
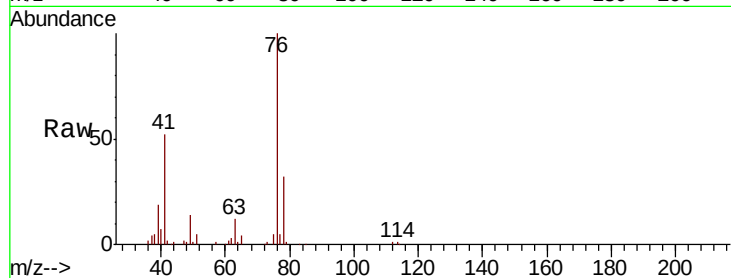
VY0319SBS01

Tot Ion: 76 Resp: 57314

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 149.854 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002015.D

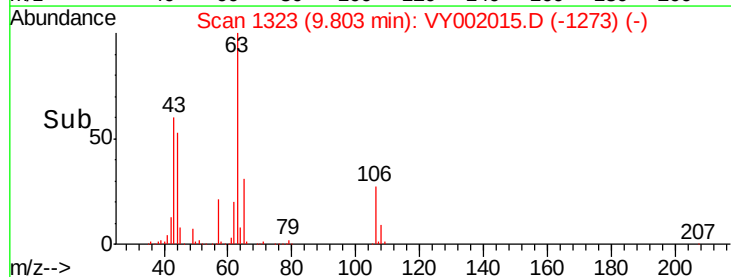
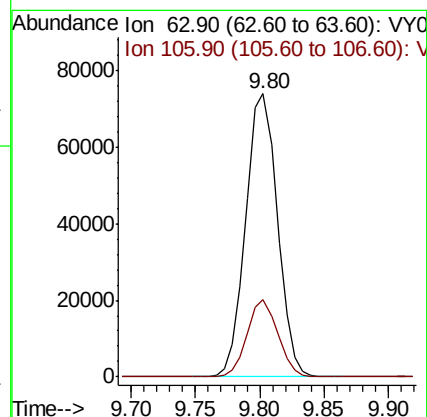
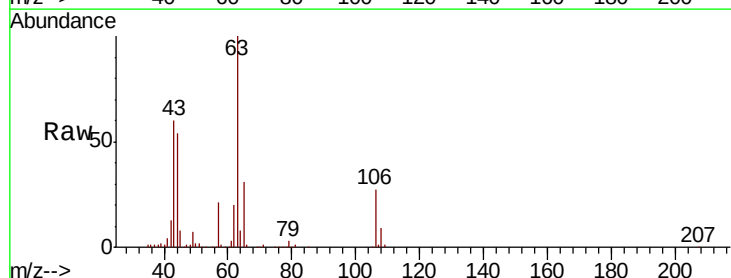
Acq: 19 Mar 2020 12:52

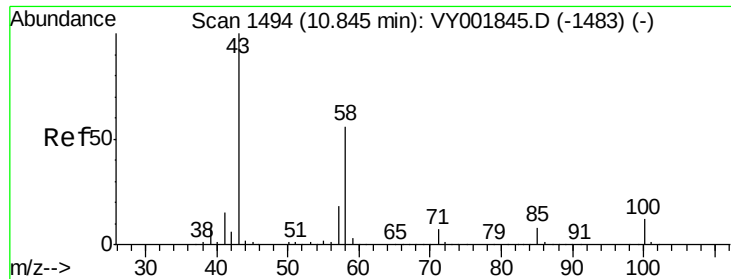
Tgt Ion: 63 Resp: 125974

Ion Ratio Lower Upper

63 100

106 26.2 21.3 31.9

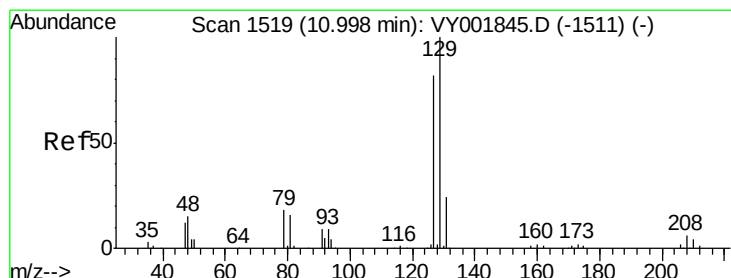
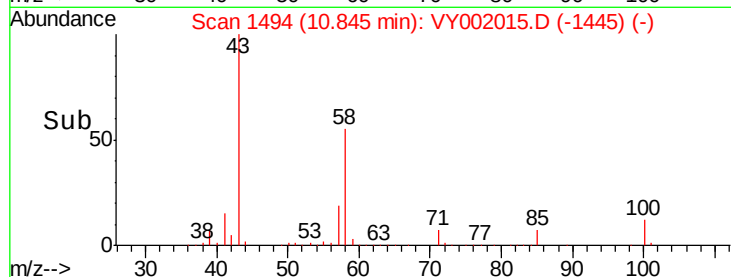
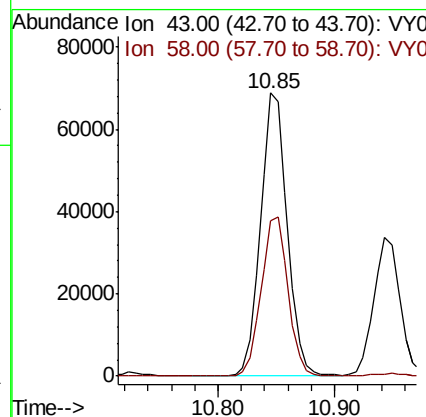
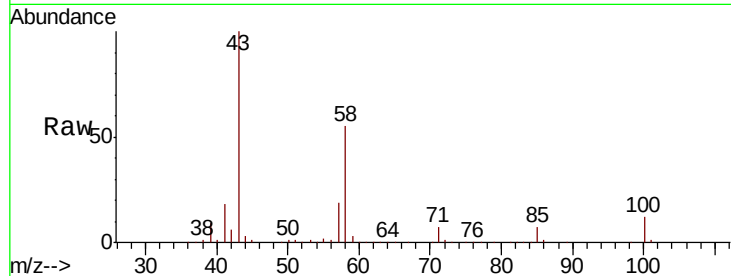




#59
2-Hexanone
Concen: 100.828 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

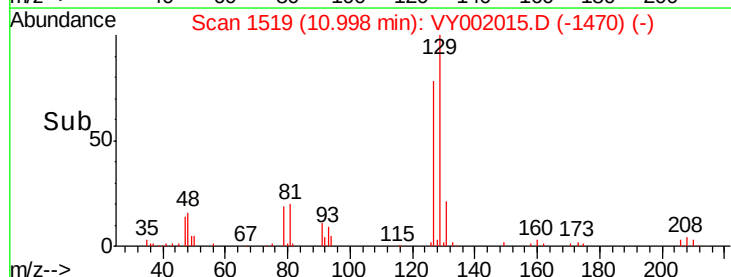
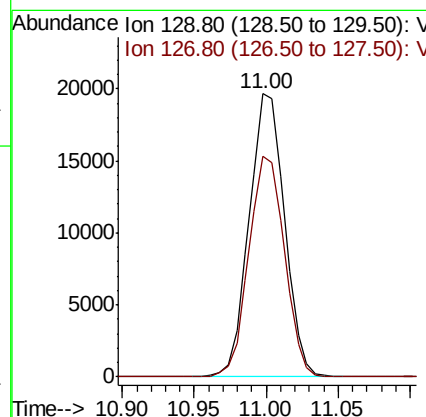
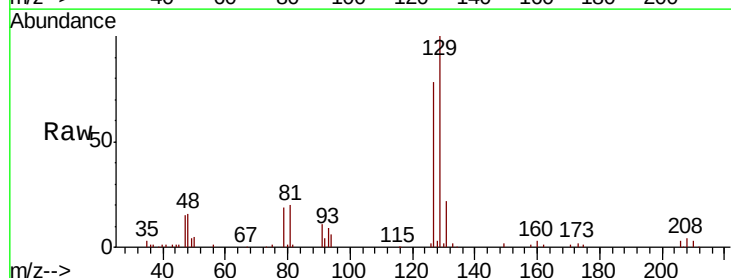
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

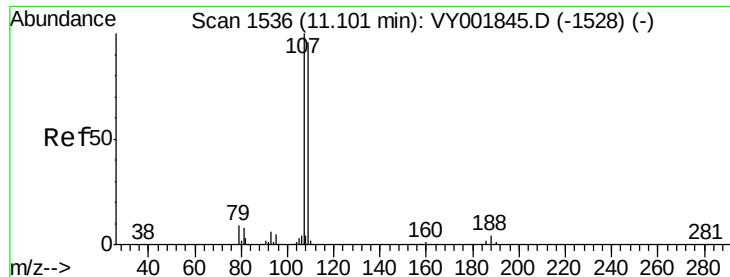
Tot Ion: 43 Resp: 109663
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.988 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 129 Resp: 33412
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

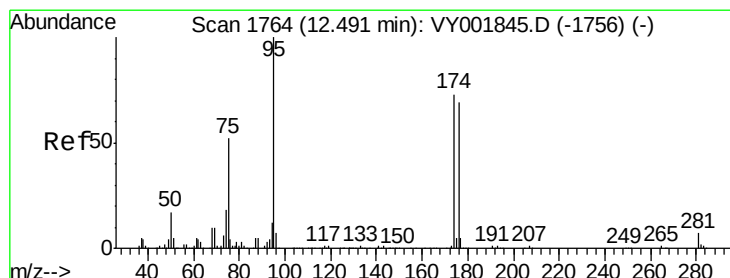
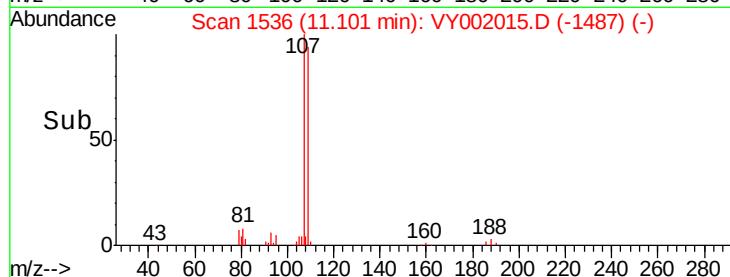
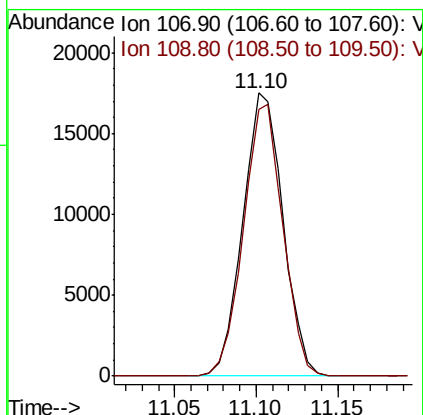
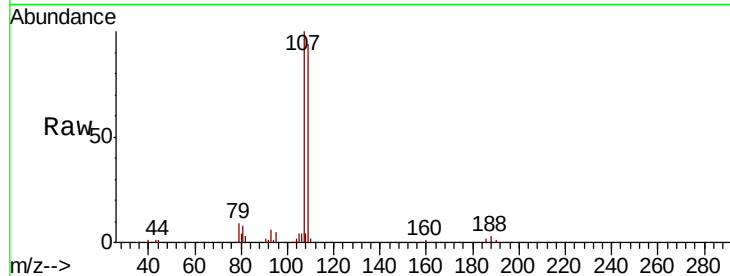




#61
 1,2-Dibromoethane
 Concen: 20.953 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

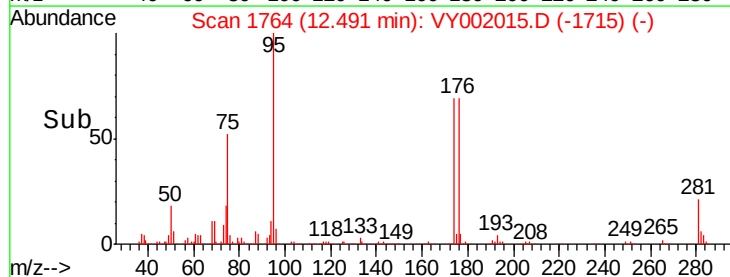
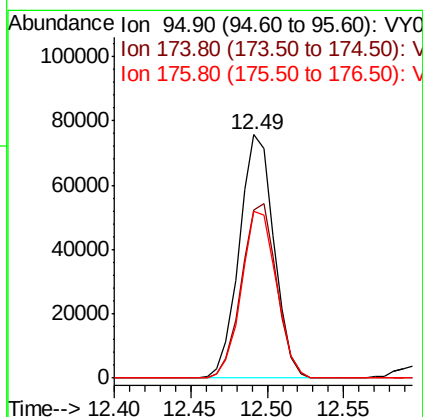
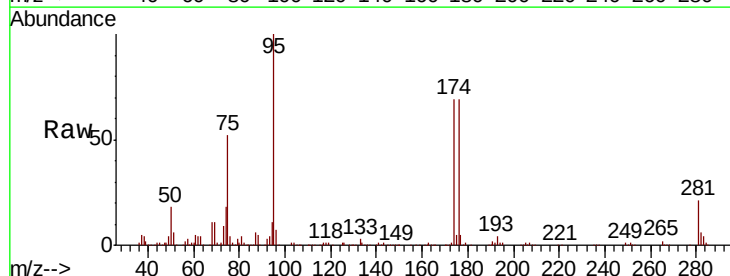
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

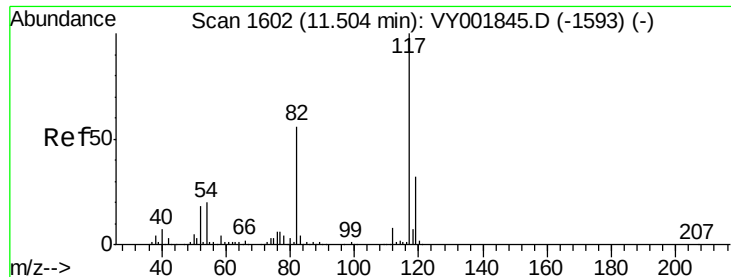
Tot Ion: 107 Resp: 29986
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 53.137 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 95 Resp: 118861
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 145.0
 176 69.6 0.0 137.4

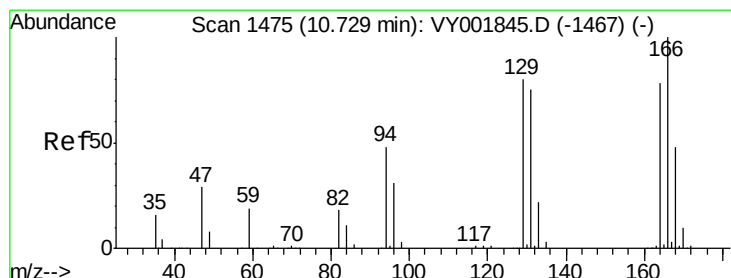
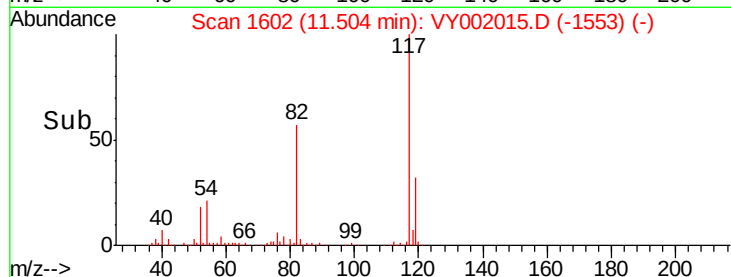
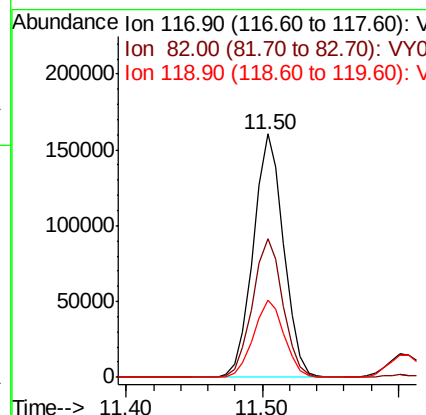
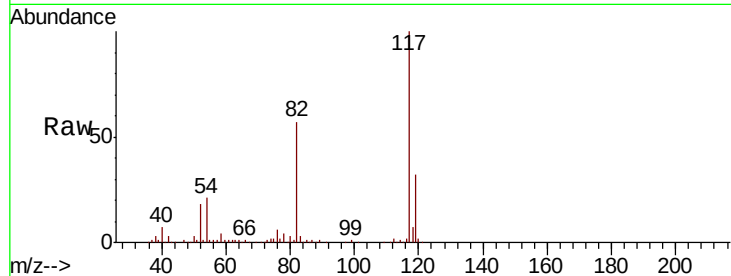




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

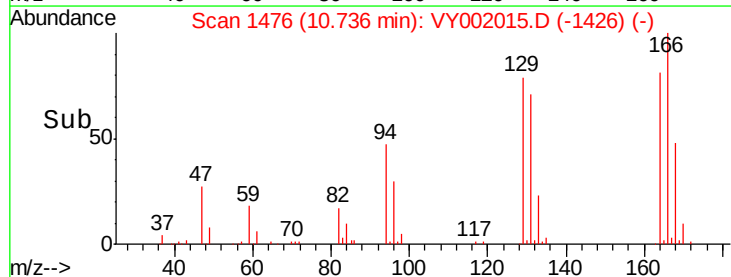
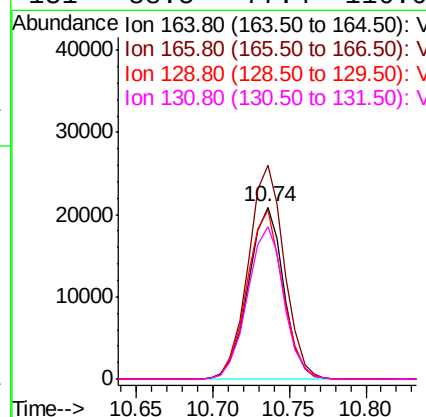
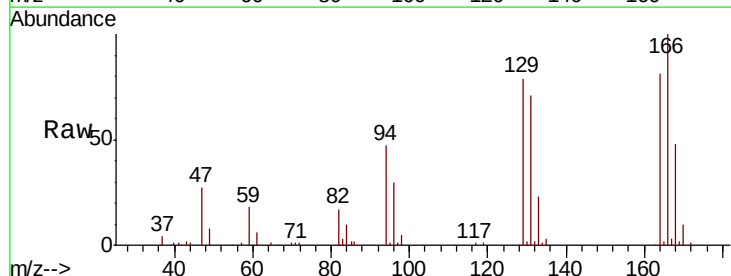
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

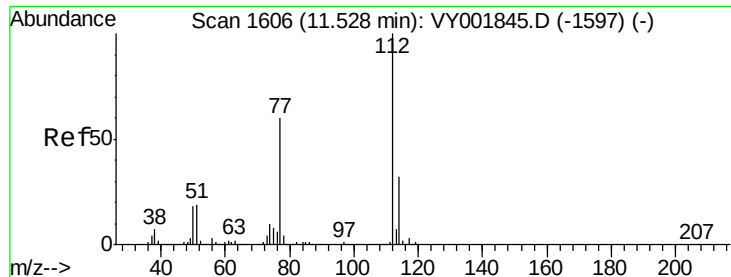
Tot Ion:117 Resp: 251341
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 21.229 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion:164 Resp: 33462
Ion Ratio Lower Upper
164 100
166 124.0 102.6 154.0
129 98.2 82.3 123.5
131 88.5 77.4 116.0

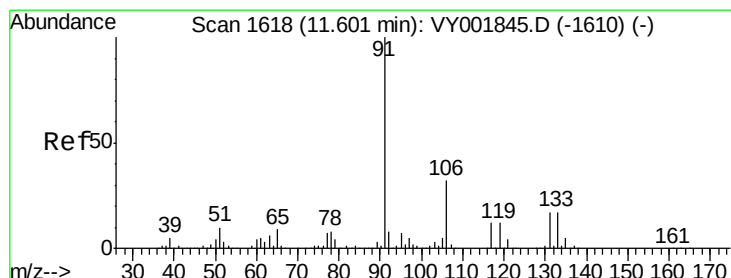
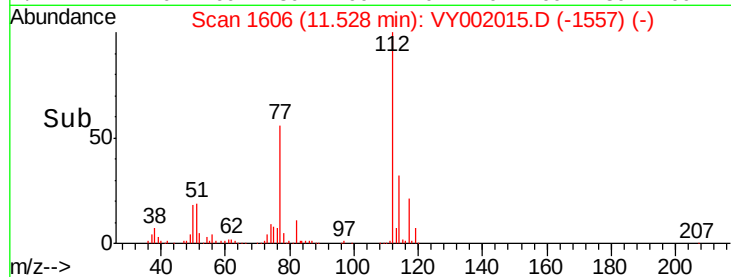
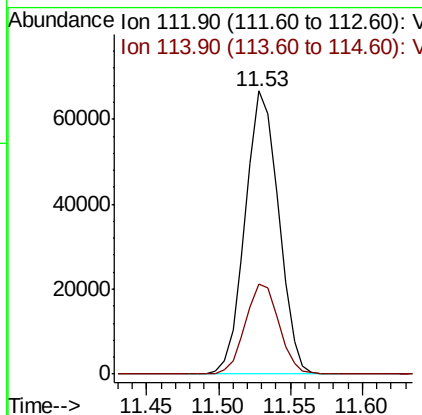
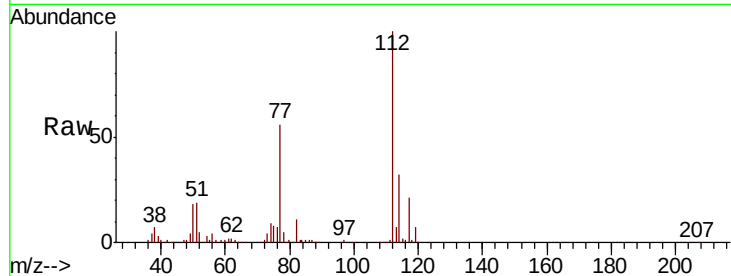




#65
Chlorobenzene
Concen: 21.394 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

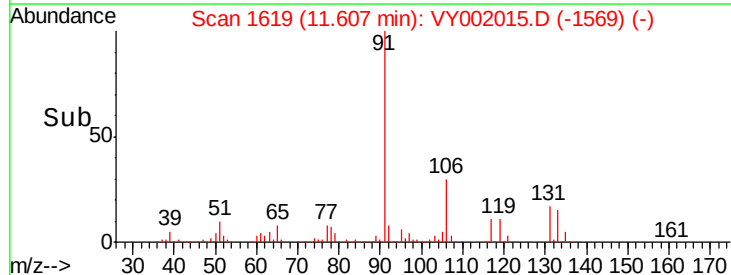
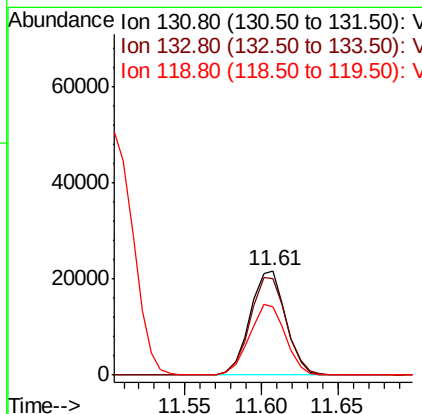
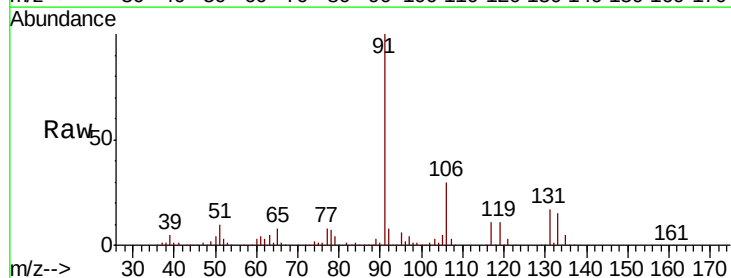
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

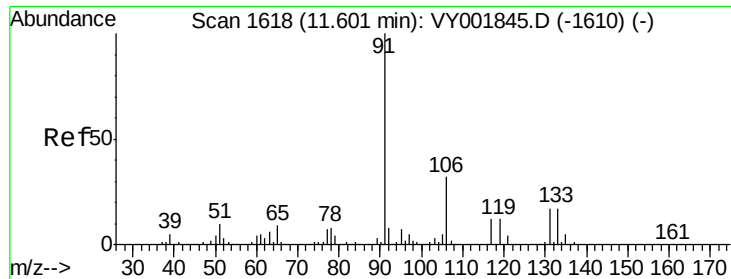
Tot Ion:112 Resp: 107141
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.478 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion:131 Resp: 35274
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 68.5 34.5 103.6

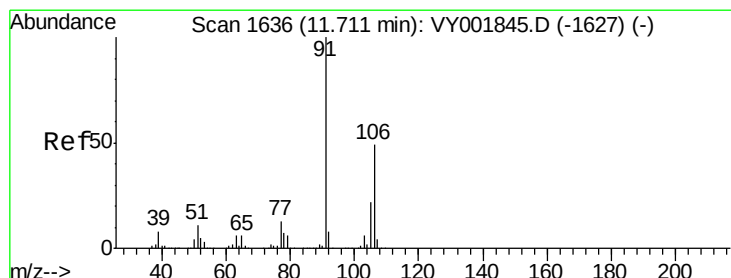
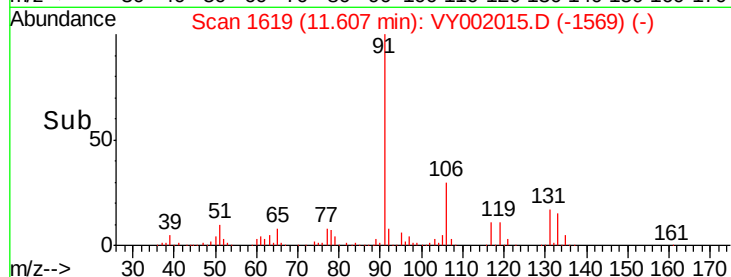
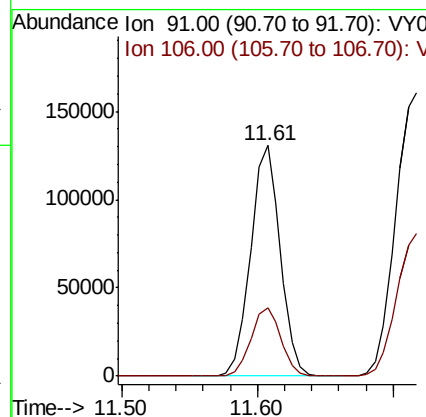
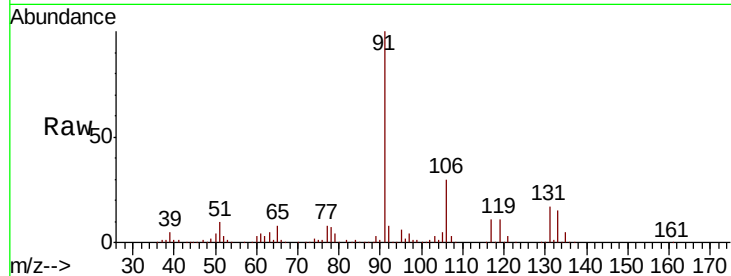




#67
Ethyl Benzene
Concen: 21.228 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

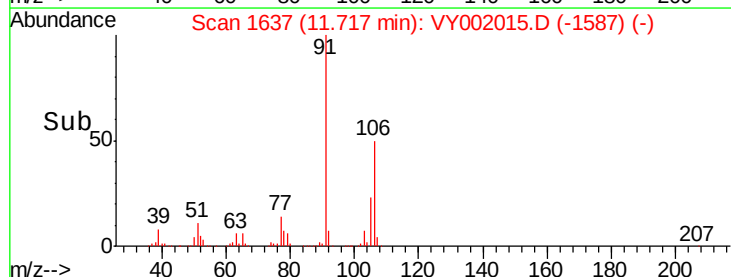
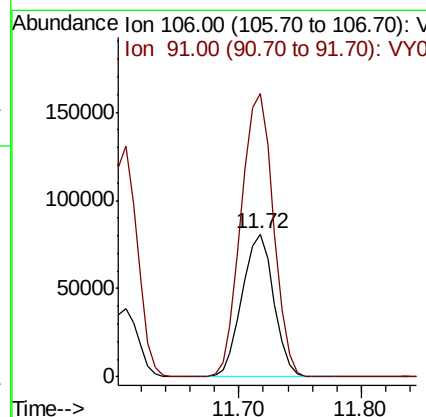
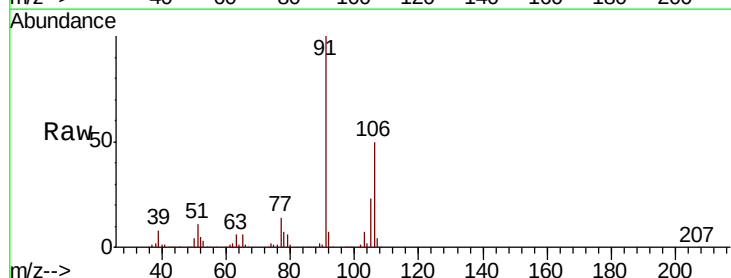
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

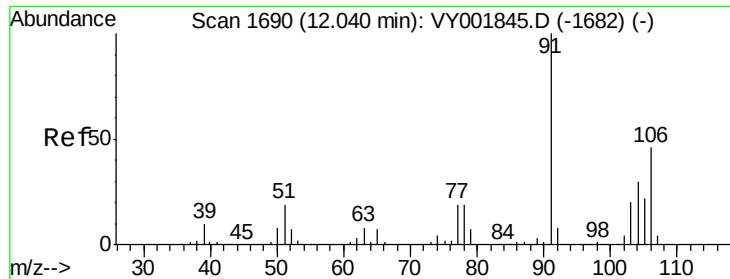
Tot Ion: 91 Resp: 198274
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2



#68
m/p-Xylenes
Concen: 42.140 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 106 Resp: 145515
Ion Ratio Lower Upper
106 100
91 202.4 161.3 241.9

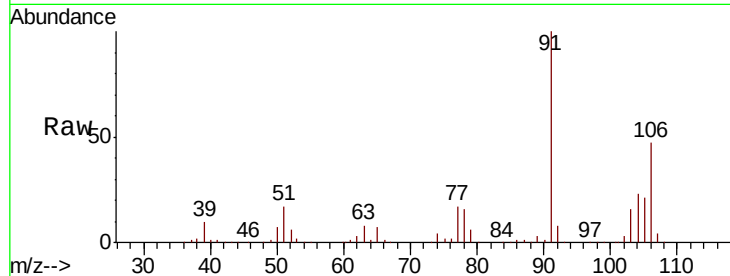




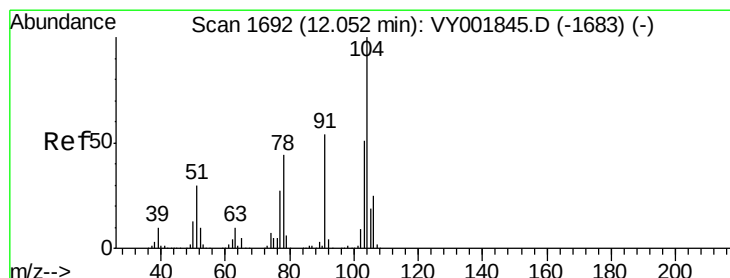
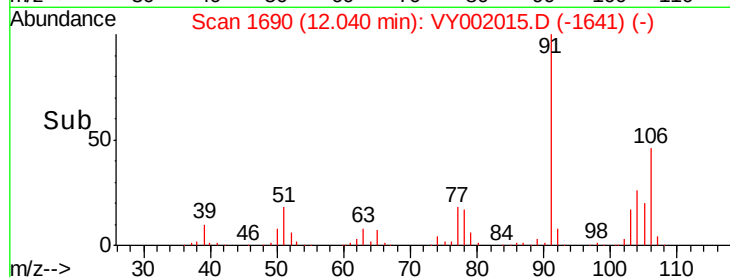
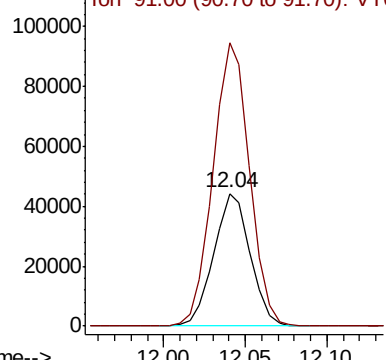
#69
o-Xylene
Concen: 21.037 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion:106 Resp: 68469
Ion Ratio Lower Upper
106 100
91 214.4 106.8 320.4

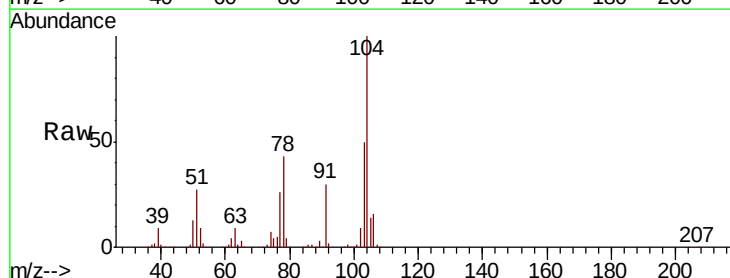


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

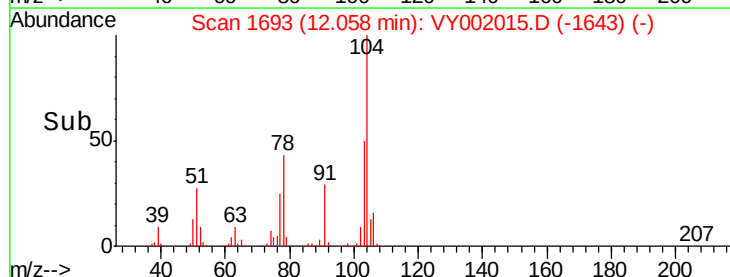
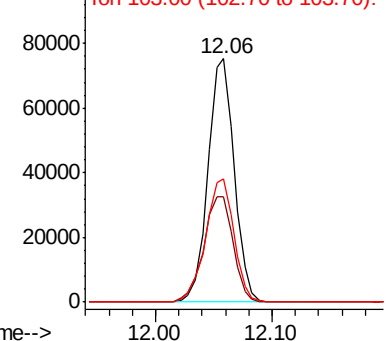


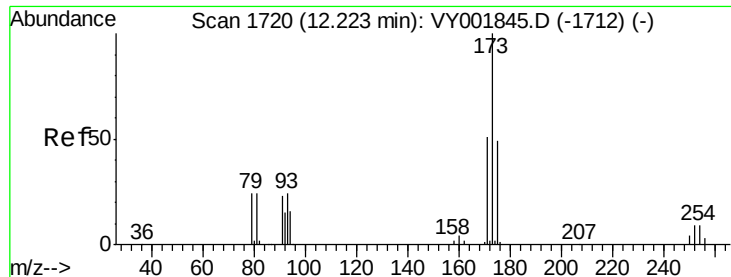
#70
Styrene
Concen: 21.206 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion:104 Resp: 118210
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

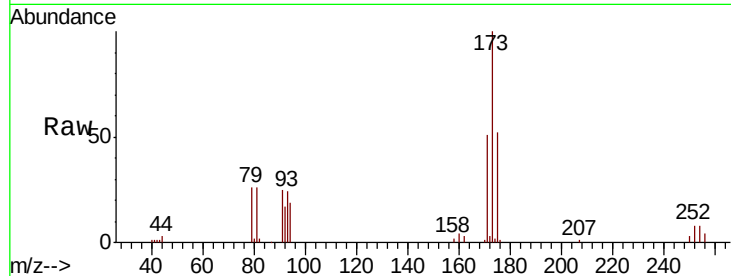




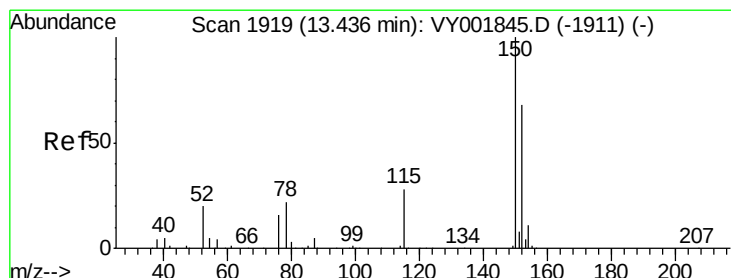
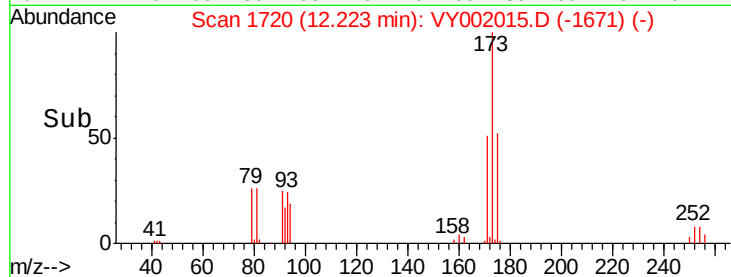
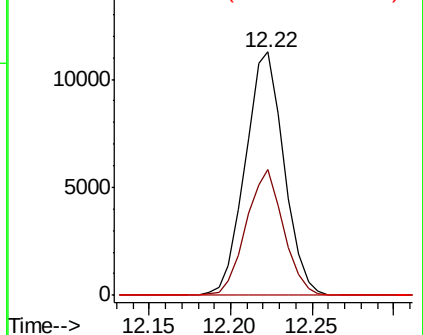
#71
Bromoform
Concen: 20.858 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tot Ion:173 Resp: 18577
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.0 0.0 0.0

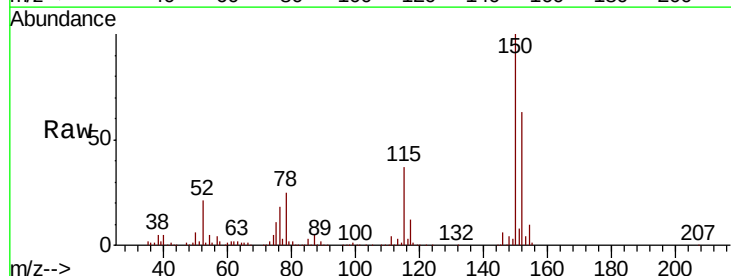


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

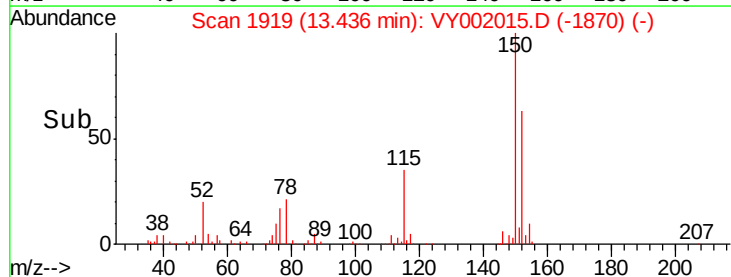
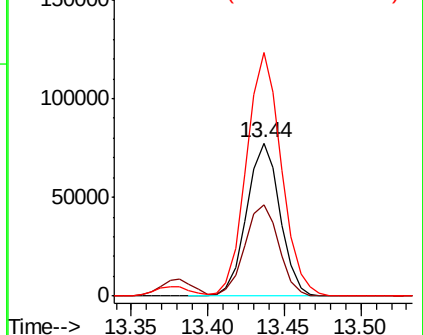


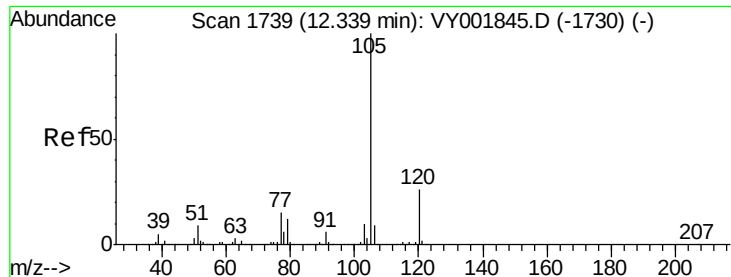
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion:152 Resp: 117350
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 166.3 0.0 340.6



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





#73

Isopropylbenzene

Concen: 20.912 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

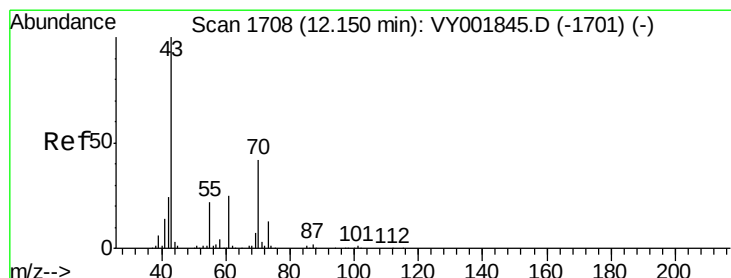
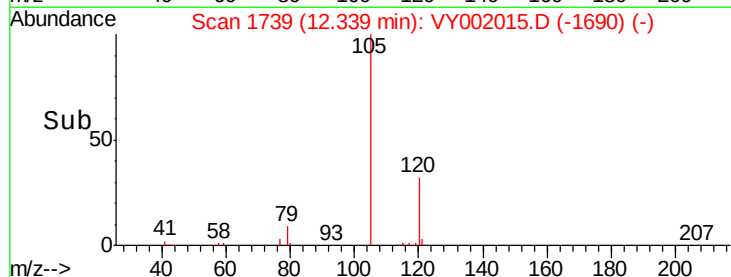
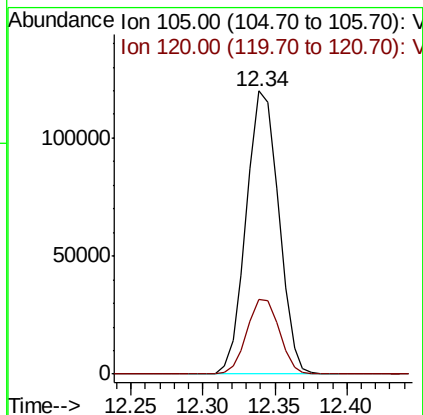
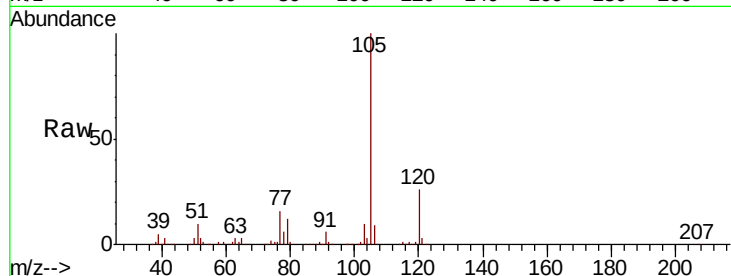
VY0319SBS01

Tot Ion:105 Resp: 187337

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 20.156 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Tgt Ion: 43 Resp: 55494

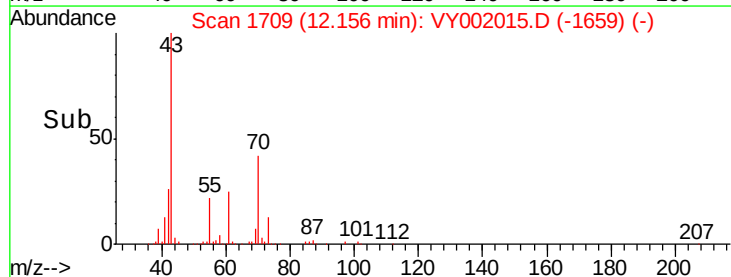
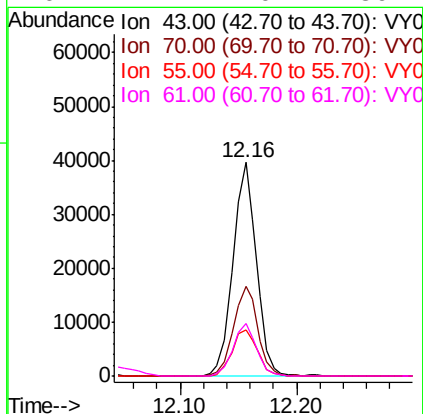
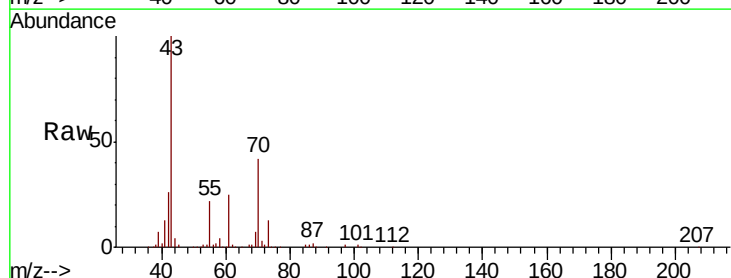
Ion Ratio Lower Upper

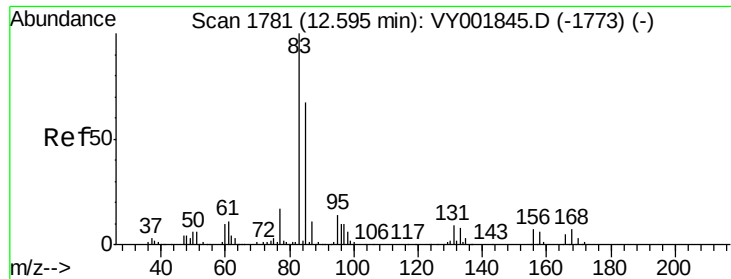
43 100

70 43.6 34.7 52.1

55 23.4 18.2 27.4

61 24.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.677 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

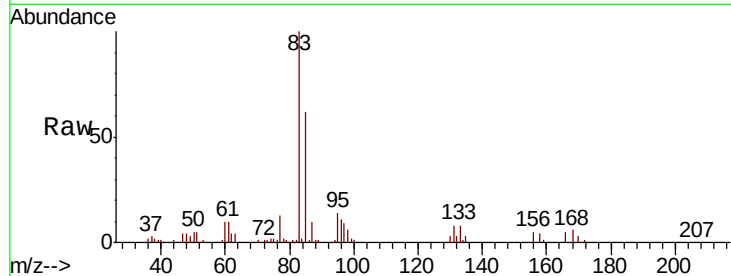
Tot Ion: 83 Resp: 39945

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	64.2	32.1	96.3

83 100

131 9.5 4.6 13.8

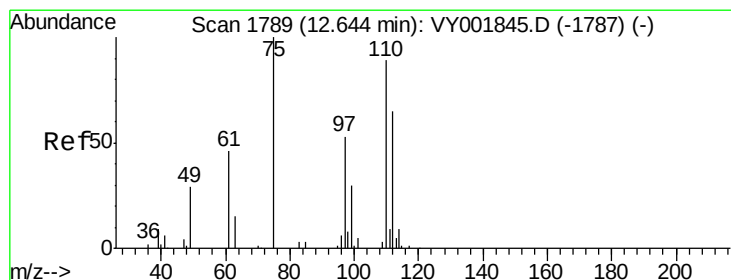
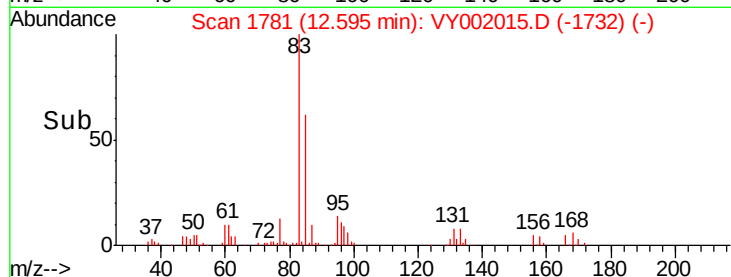
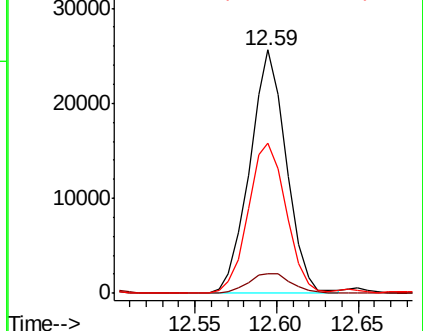
85 64.2 32.1 96.3



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: 37.055 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002015.D

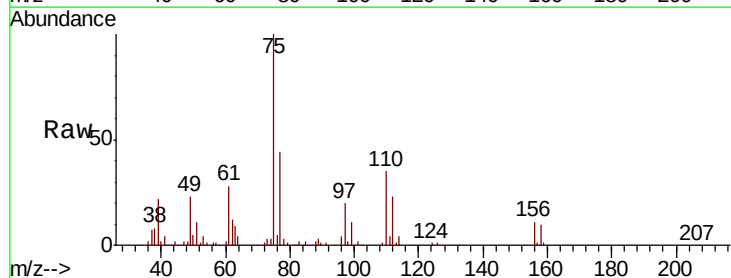
Acq: 19 Mar 2020 12:52

Tgt Ion: 75 Resp: 51597

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

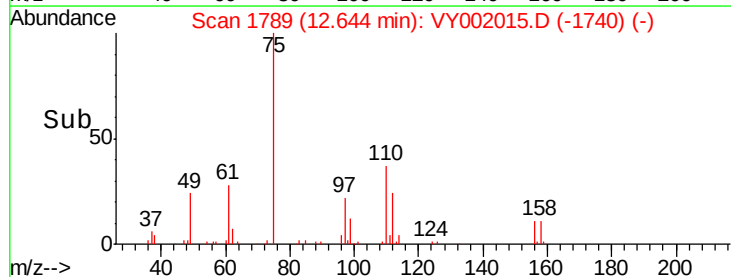
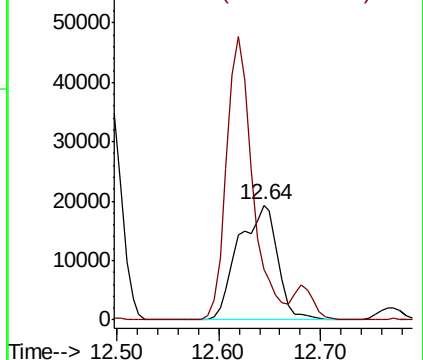
75 100

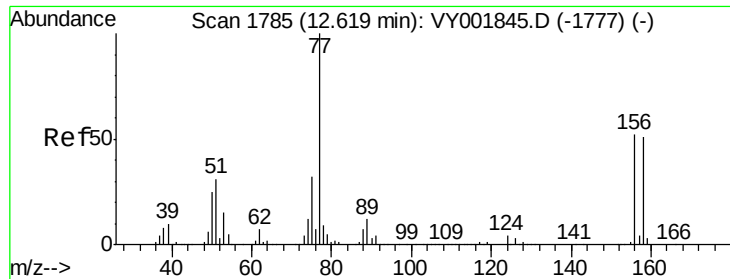
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.260 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

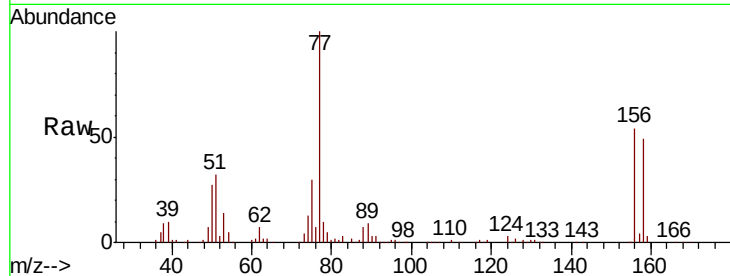
Tot Ion:156 Resp: 40350

Ion Ratio Lower Upper

156 100

77 211.6 109.0 327.0

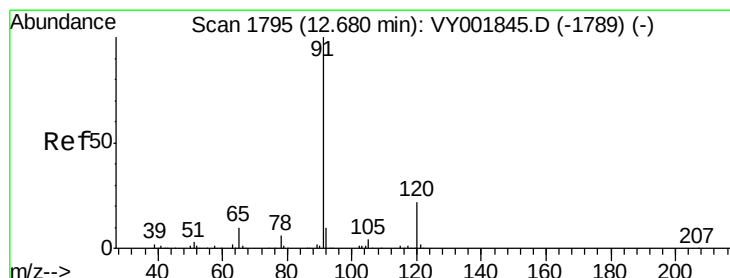
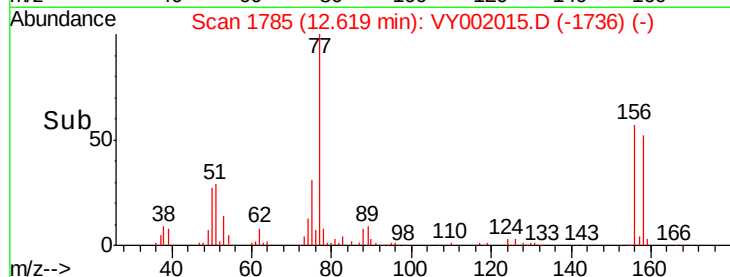
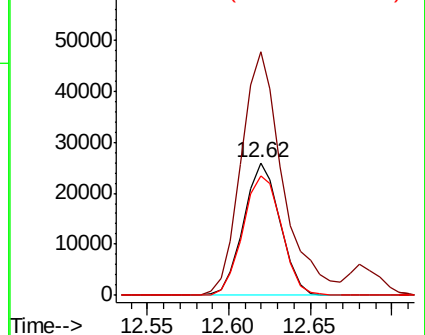
158 95.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.951 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002015.D

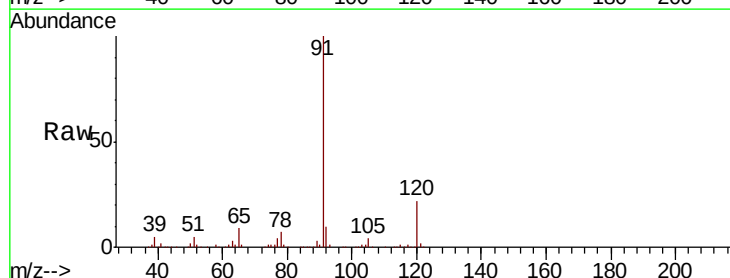
Acq: 19 Mar 2020 12:52

Tgt Ion: 91 Resp: 231547

Ion Ratio Lower Upper

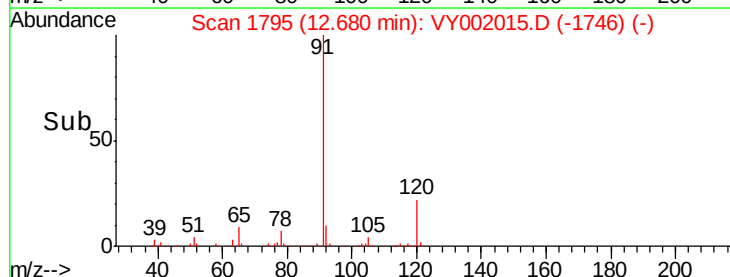
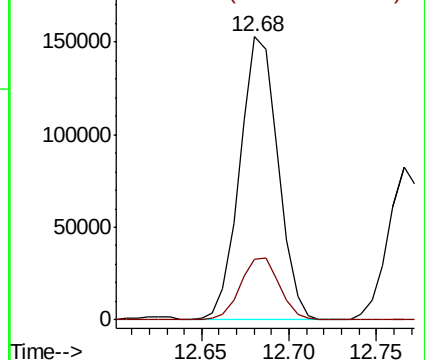
91 100

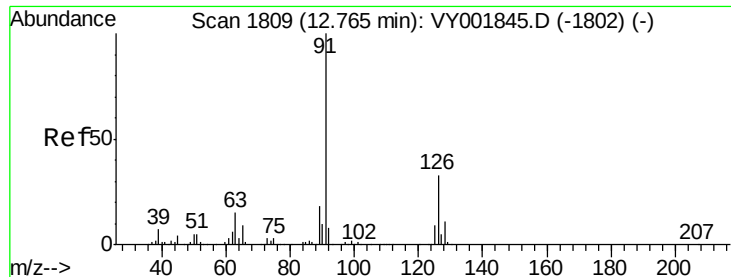
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.764 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

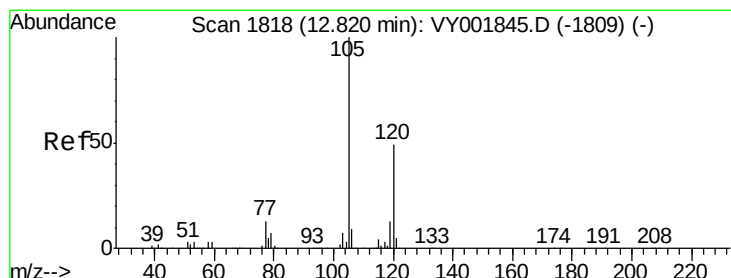
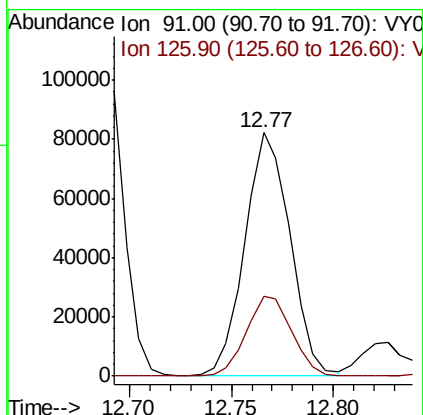
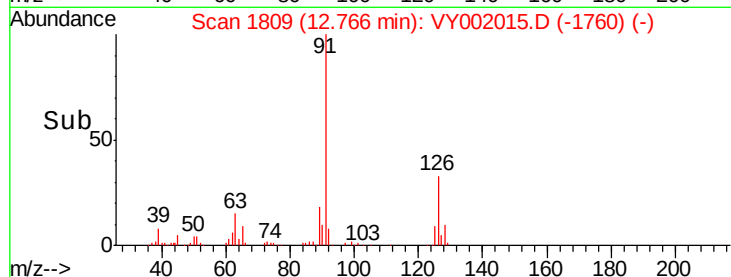
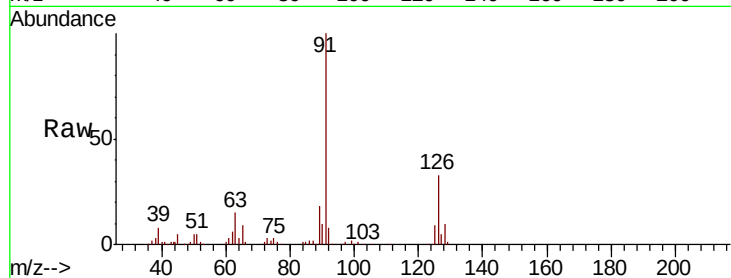
VY0319SBS01

Tot Ion: 91 Resp: 126781

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.030 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002015.D

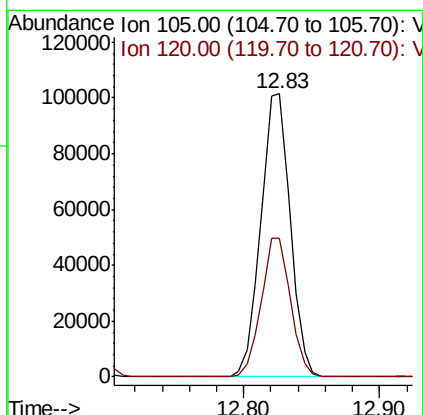
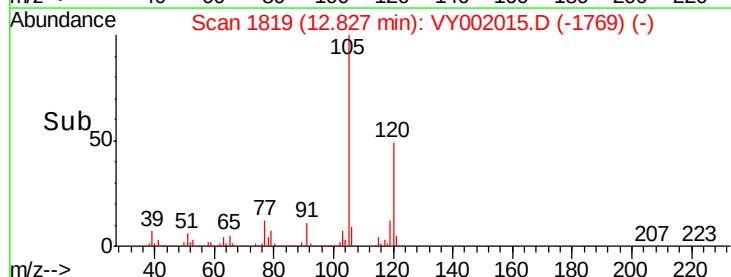
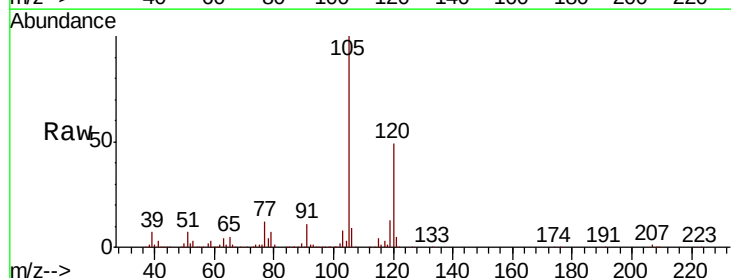
Acq: 19 Mar 2020 12:52

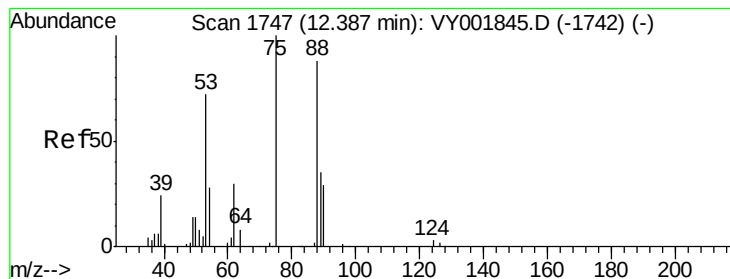
Tgt Ion: 105 Resp: 155095

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.780 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

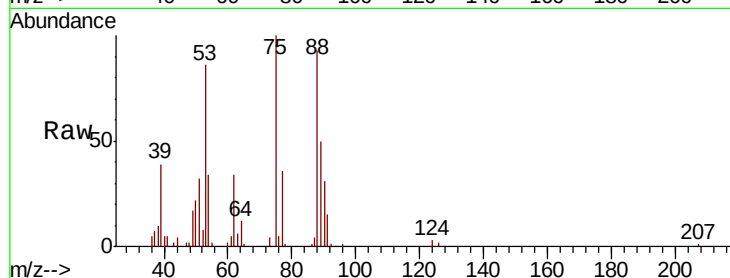
Tot Ion: 75 Resp: 13635

Ion Ratio Lower Upper

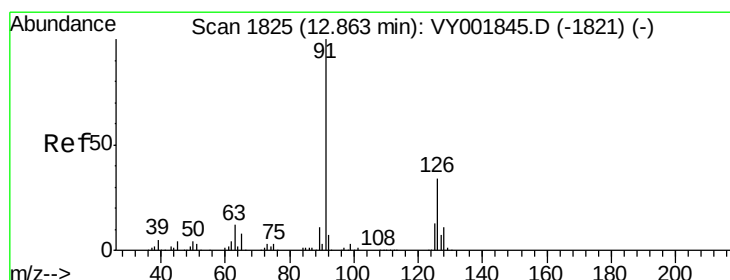
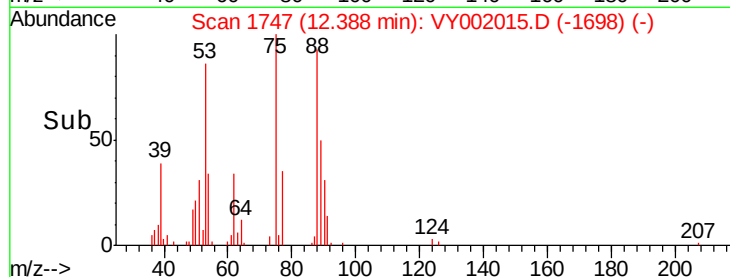
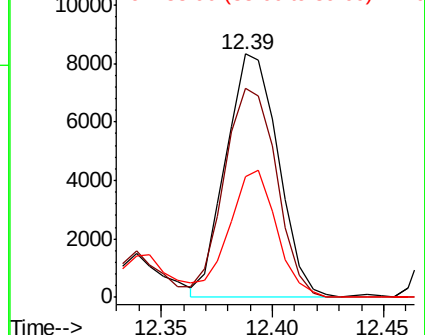
75 100

53 86.9 65.4 98.0

89 47.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.040 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002015.D

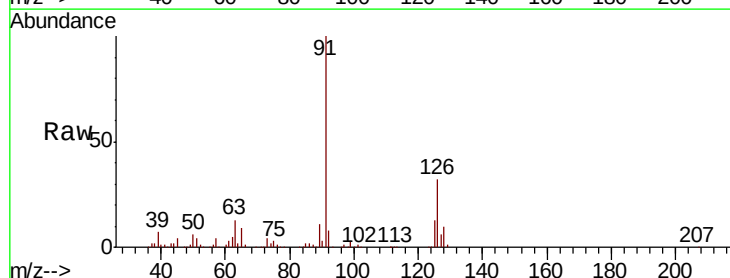
Acq: 19 Mar 2020 12:52

Tgt Ion: 91 Resp: 133762

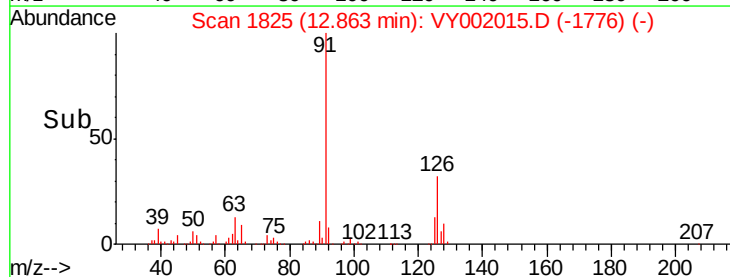
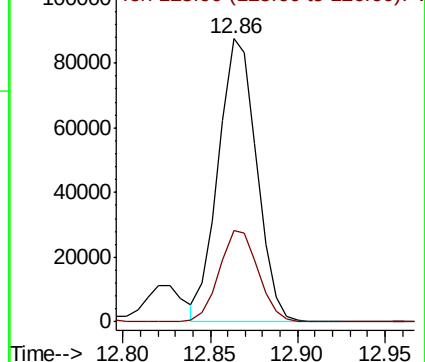
Ion Ratio Lower Upper

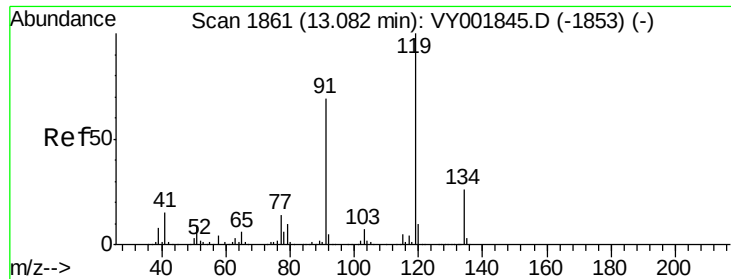
91 100

126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

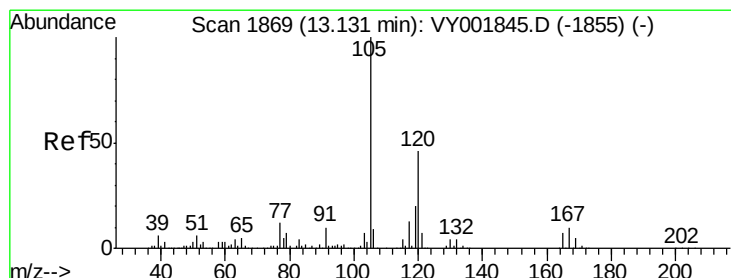
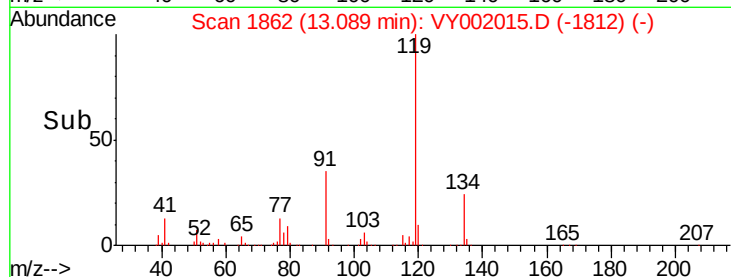
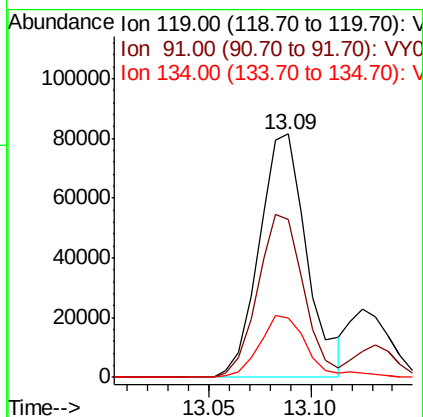
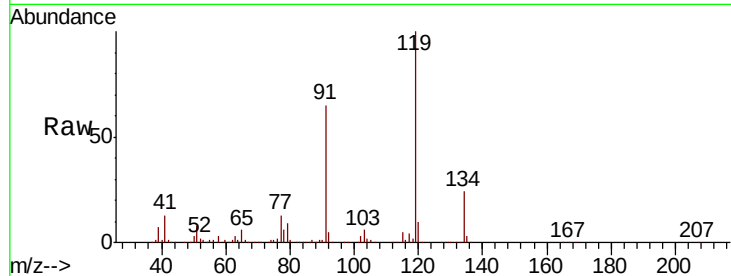




#83
 tert-Butylbenzene
 Concen: 21.602 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

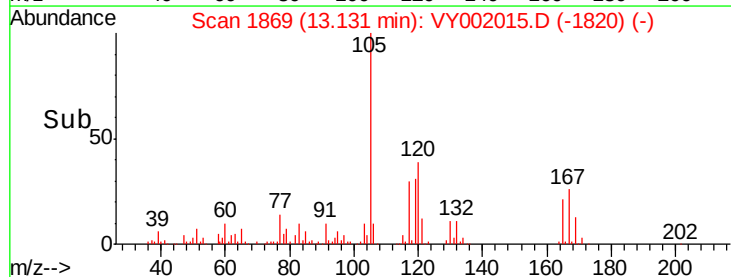
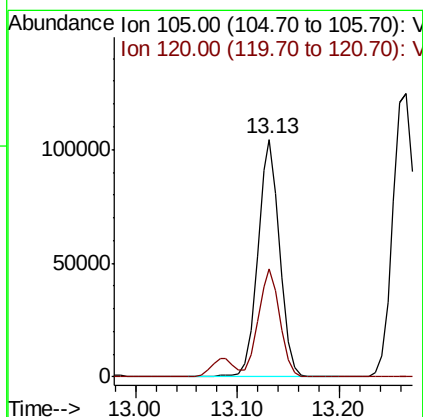
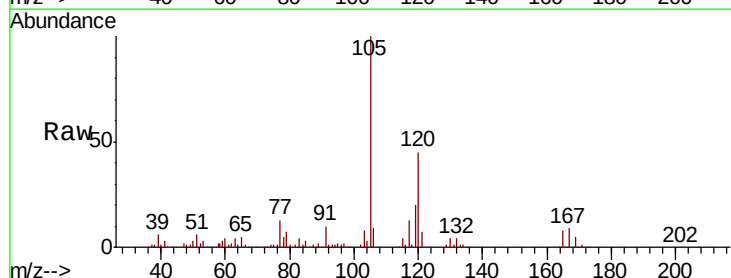
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

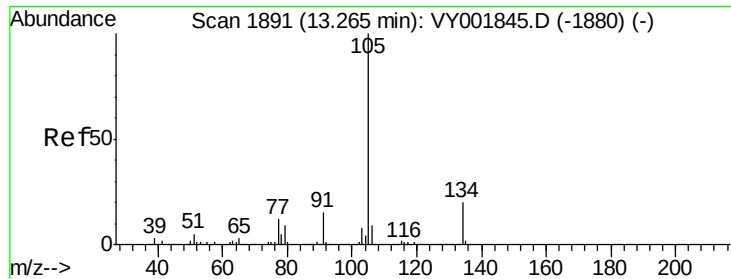
Tot Ion:119 Resp: 132318
 Ion Ratio Lower Upper
 119 100
 91 64.6 34.0 101.8
 134 25.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.135 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion:105 Resp: 154684
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.279 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

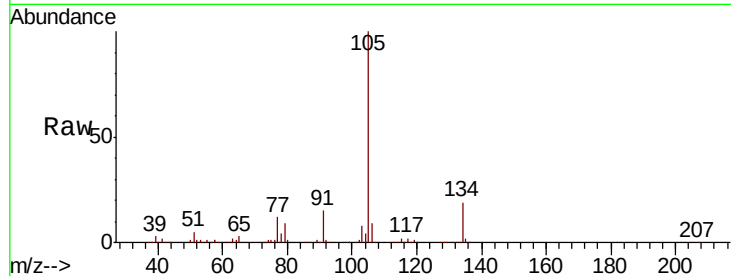
VY0319SBS01

Tot Ion:105 Resp: 192118

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

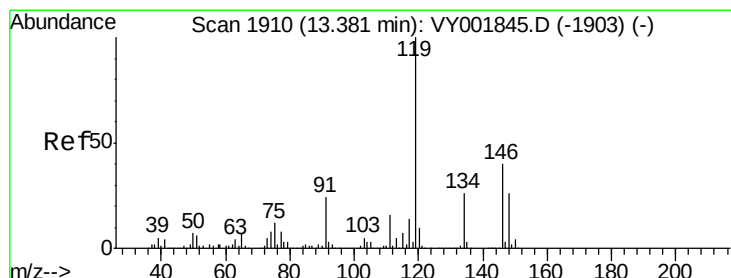
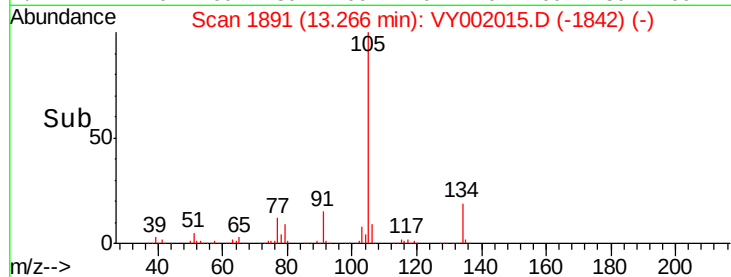
100000

50000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 21.532 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

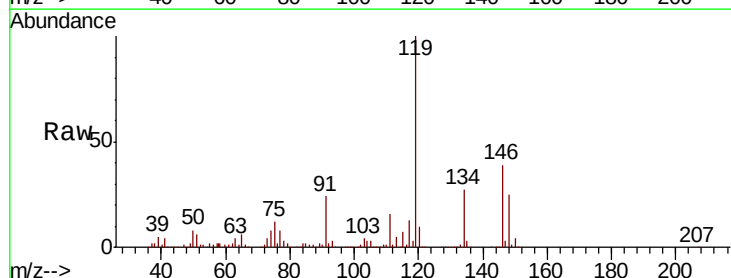
Tgt Ion:119 Resp: 167703

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.1 11.9 35.7



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

13.38

150000

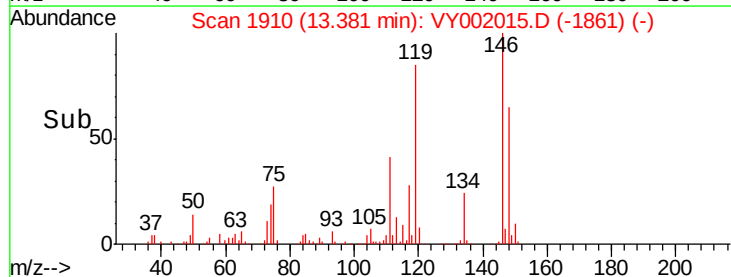
100000

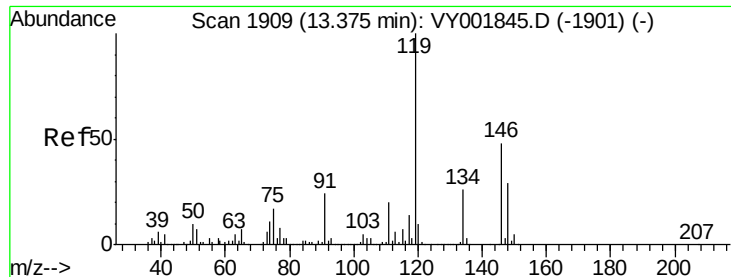
50000

0

Time-->

13.30 13.35 13.40 13.45

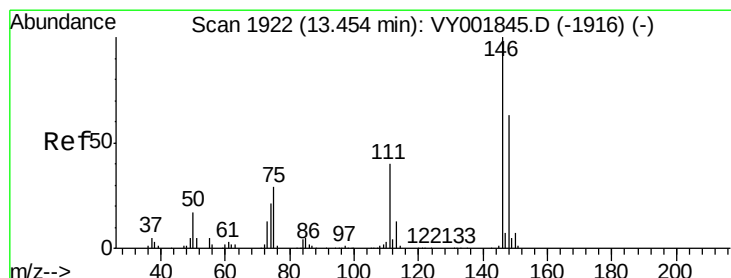
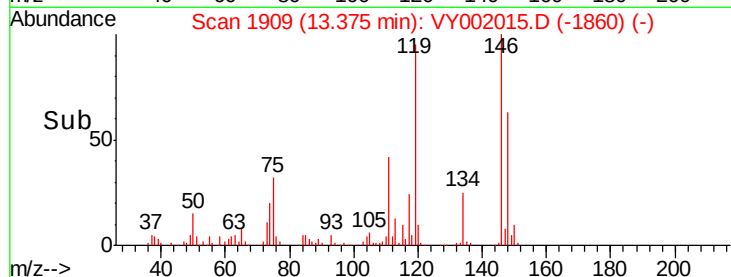
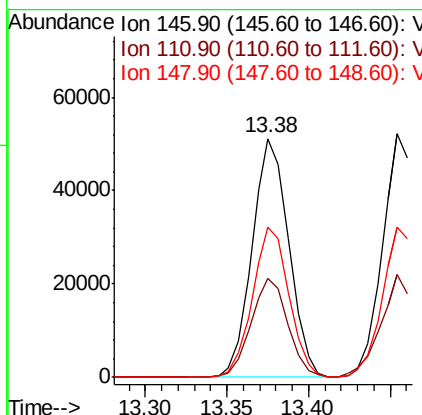
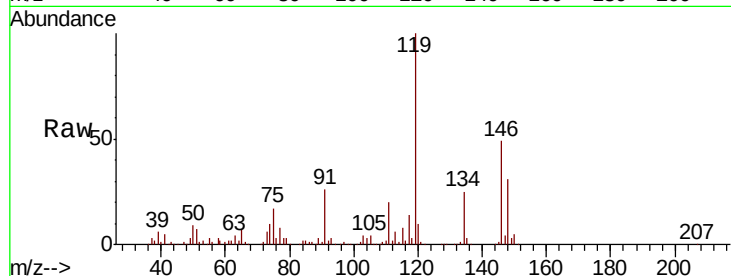




#87
 1,3-Dichlorobenzene
 Concen: 21.427 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

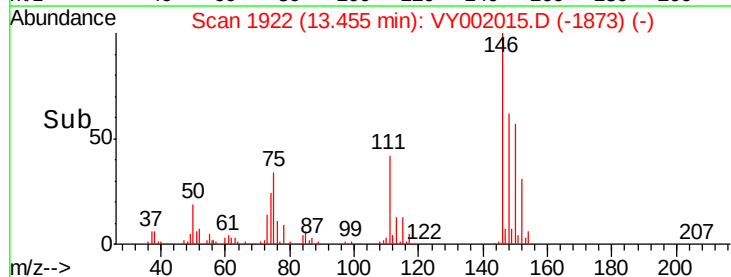
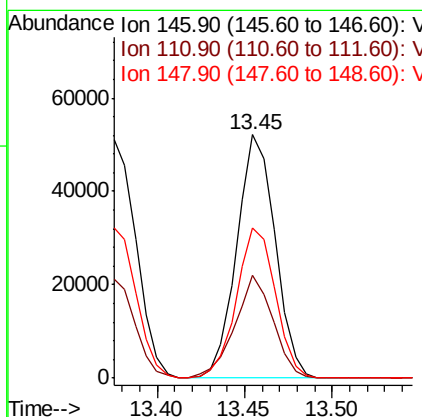
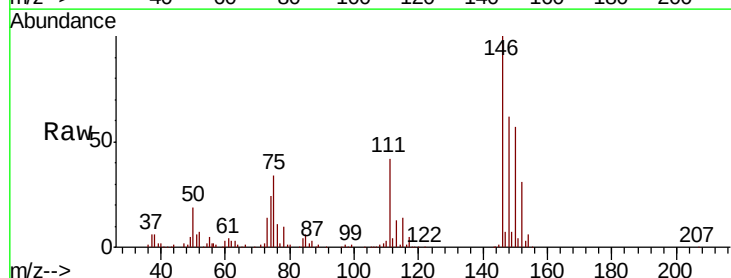
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

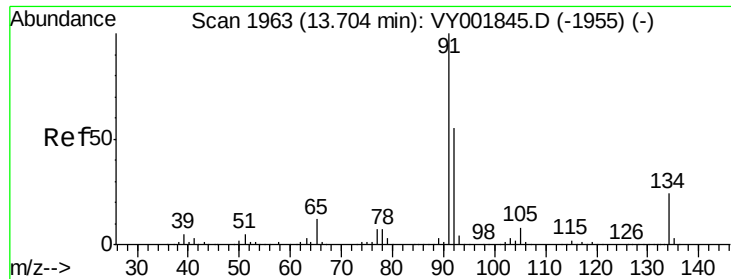
Tot Ion:146 Resp: 79691
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.5
 148 62.8 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.151 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion:146 Resp: 79807
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 60.0
 148 62.5 31.5 94.5





#89

n-Butylbenzene

Concen: 21.167 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

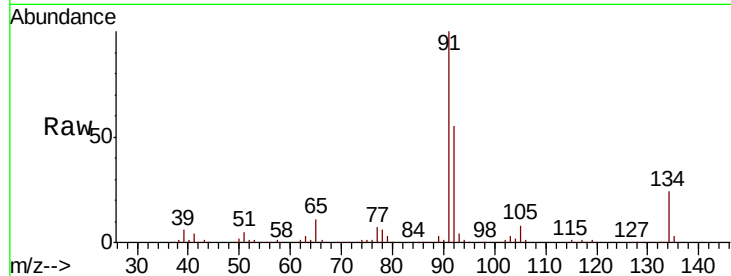
Tot Ion: 91 Resp: 171040

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

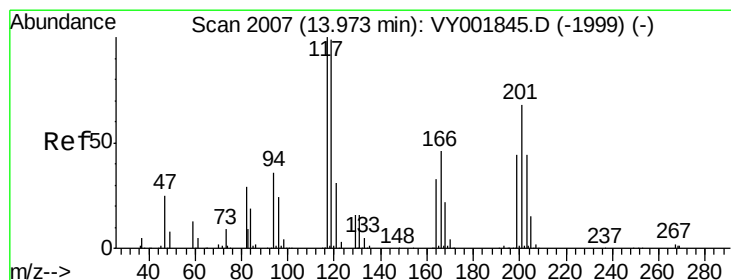
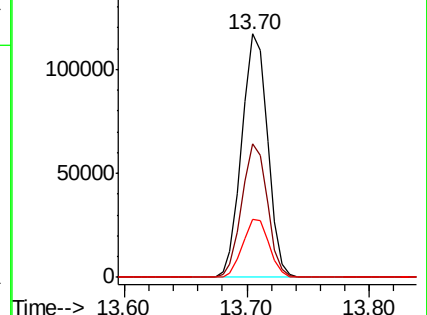
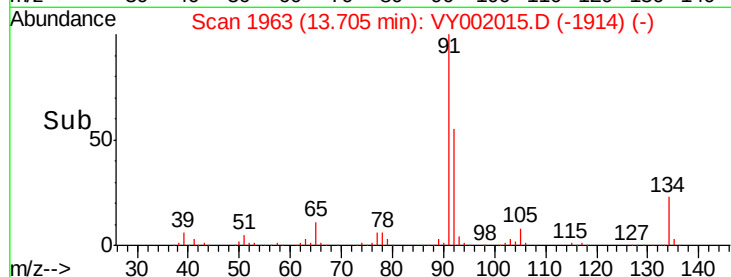
134 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY002015.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002015.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002015.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.292 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY002015.D

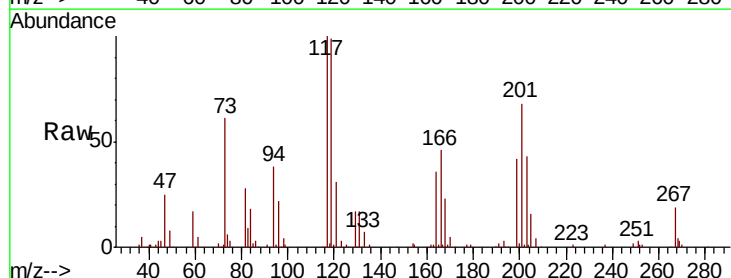
Acq: 19 Mar 2020 12:52

Tgt Ion: 117 Resp: 31284

Ion Ratio Lower Upper

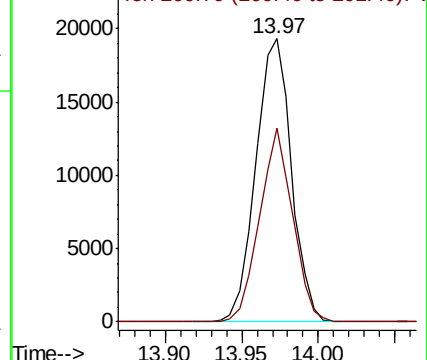
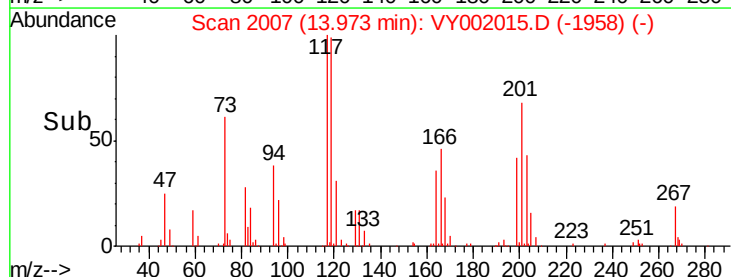
117 100

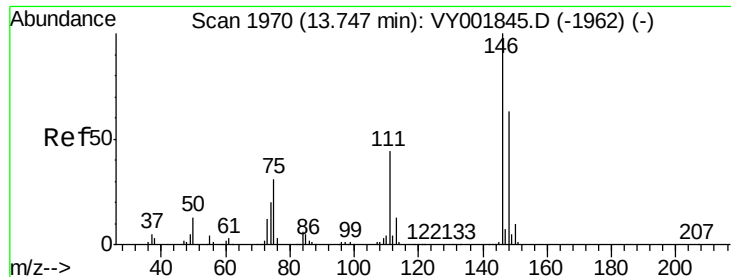
201 63.6 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY002015.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY002015.D (-1958) (-)

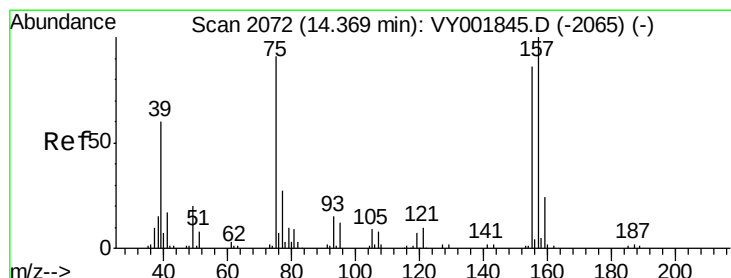
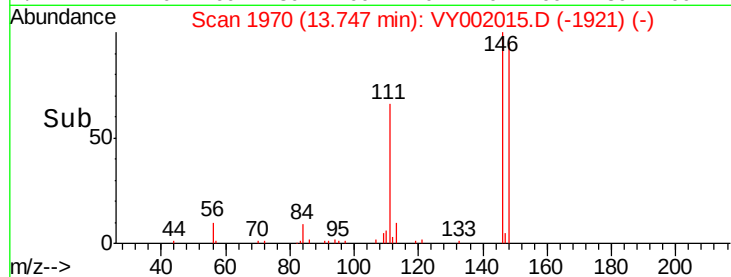
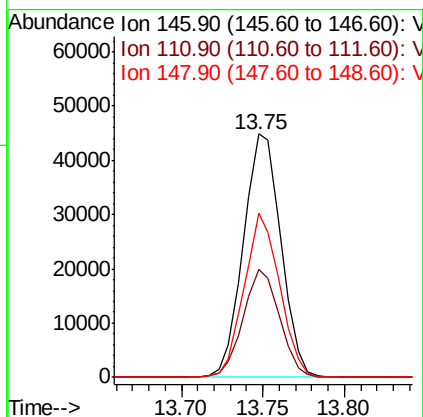
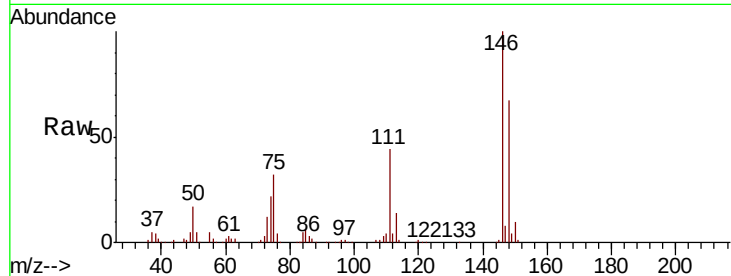




#91
 1,2-Dichlorobenzene
 Concen: 21.347 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

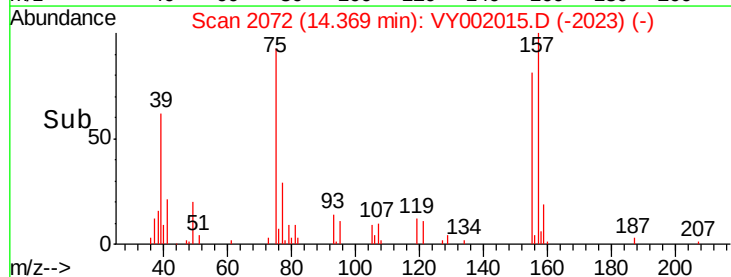
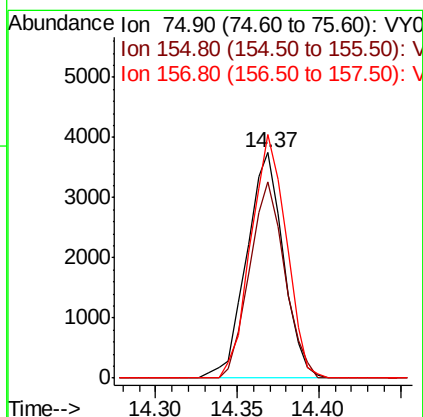
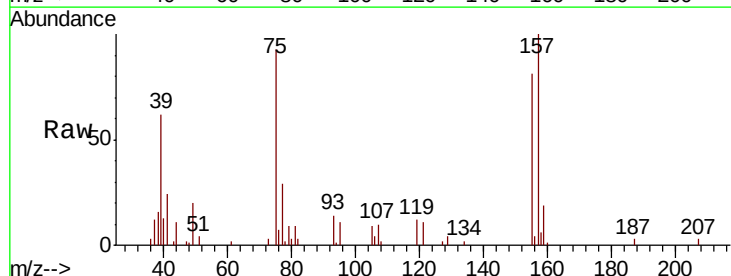
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

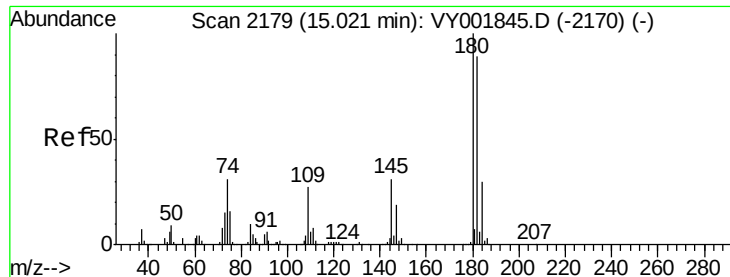
Tot Ion:146 Resp: 72128
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.5 64.5
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.463 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion: 75 Resp: 5867
 Ion Ratio Lower Upper
 75 100
 155 83.8 42.9 128.7
 157 104.7 53.1 159.4

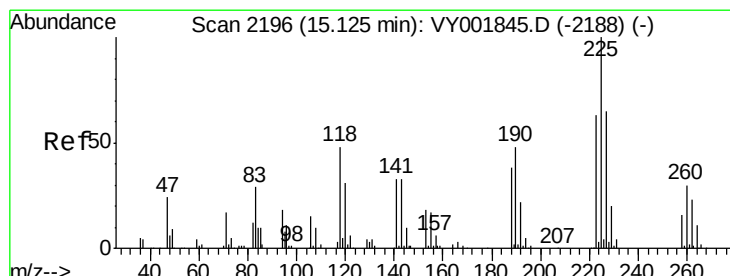
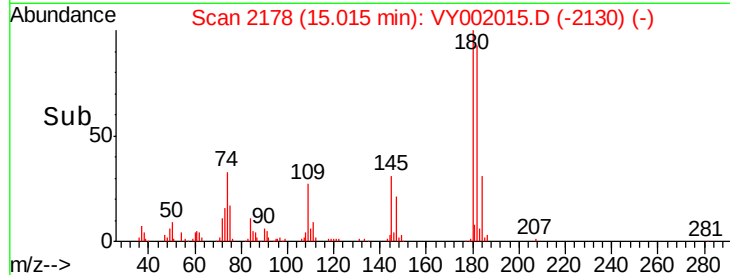
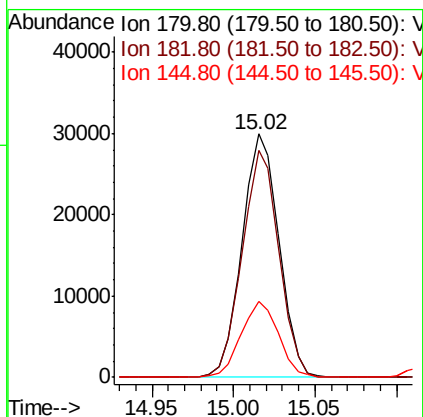
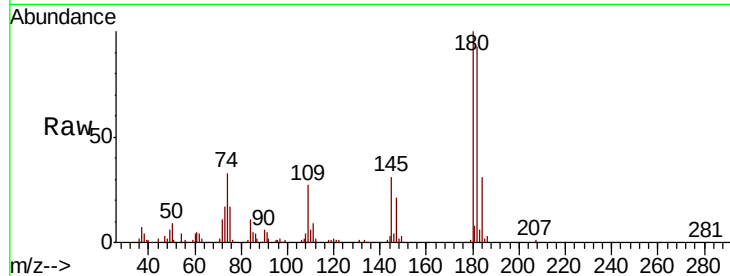




#93
 1,2,4-Trichlorobenzene
 Concen: 21.566 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

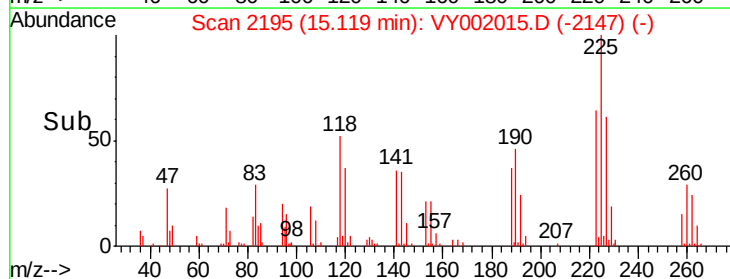
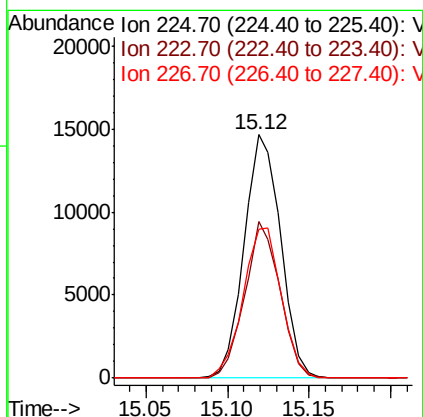
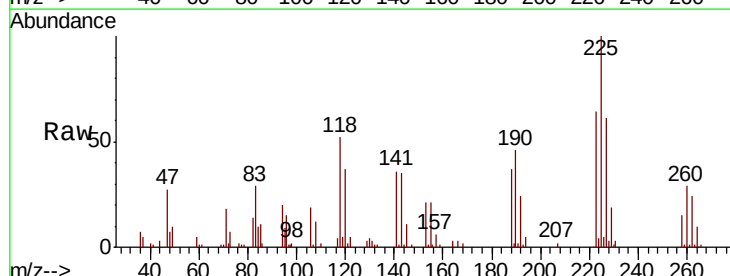
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

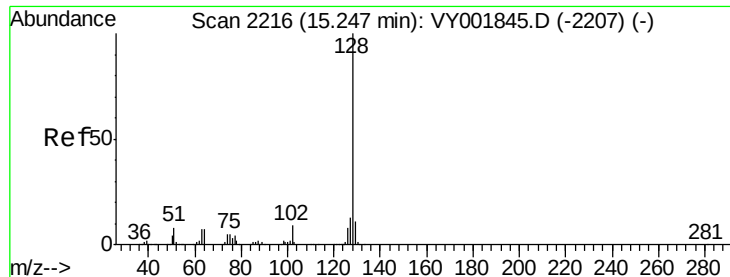
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.1	138.3
145	31.3	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 21.374 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.5	94.5
227	64.4	31.9	95.5

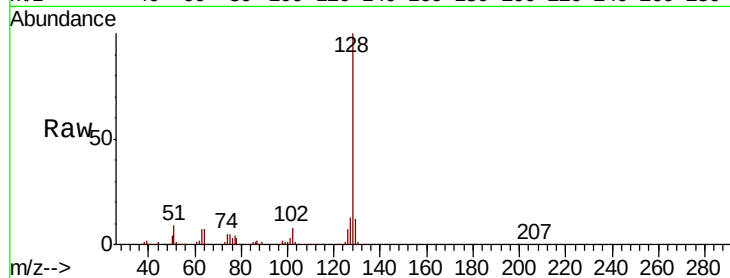




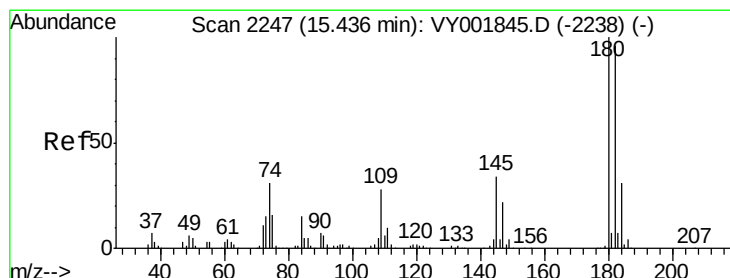
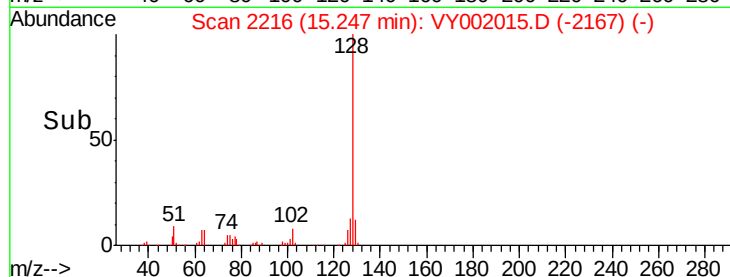
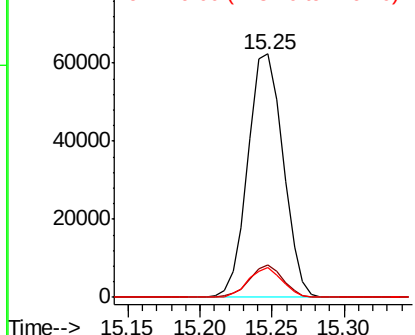
#95
Naphthalene
Concen: 20.340 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion:128 Resp: 105718
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.7 8.6 13.0

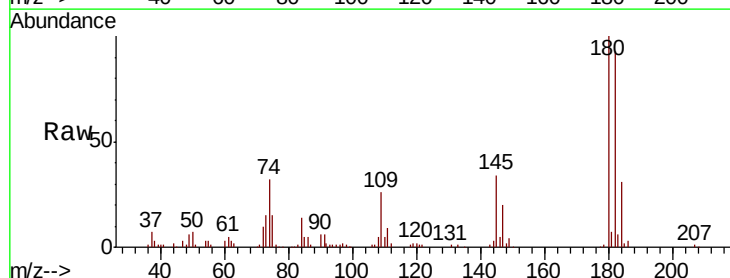


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.374 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion:180 Resp: 41259
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 34.6 16.8 50.3



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

