

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	88029	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	
35) Dibromofluoromethane	7.75	113	81341	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
50) Toluene-d8	10.20	98	337599	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.49	95	118861	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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 Title : SW846 8260
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 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

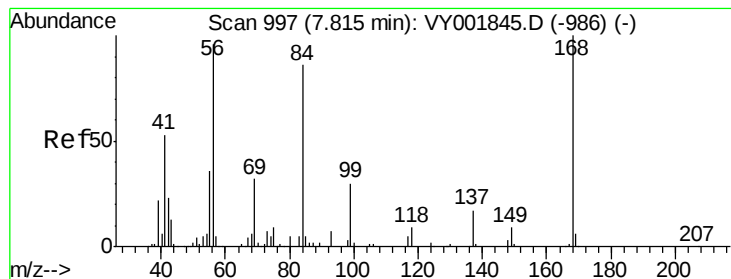
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

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

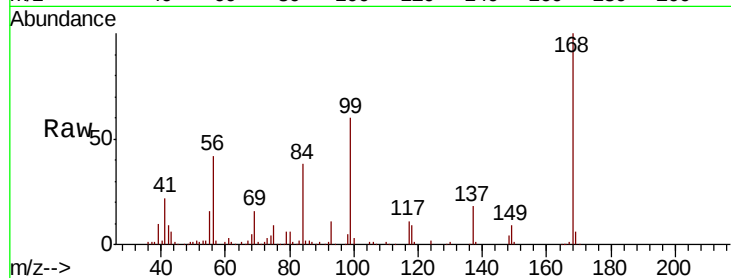
ClientSampleId :

Tot Ion:168 Resp: 152852

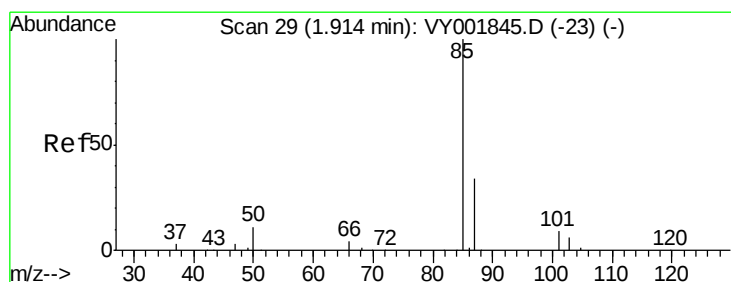
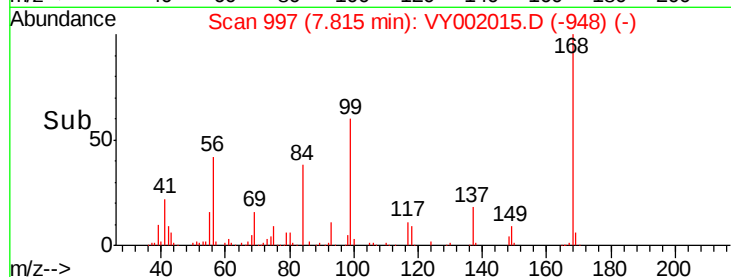
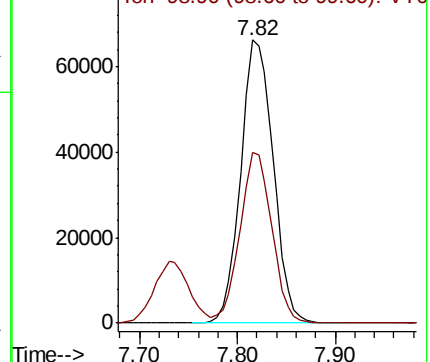
Ion Ratio Lower Upper

168 100

99 60.3 46.7 70.1



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



#2

Dichlorodifluoromethane

Concen: 18.808 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002015.D

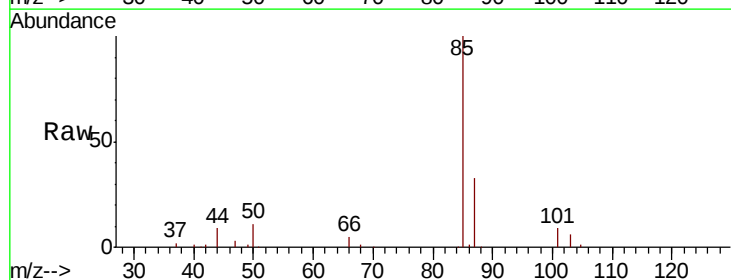
Acq: 19 Mar 2020 12:52

Tgt Ion: 85 Resp: 26537

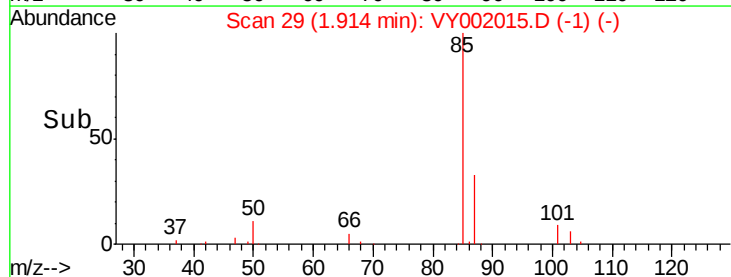
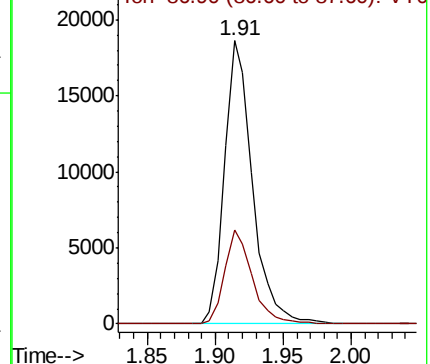
Ion Ratio Lower Upper

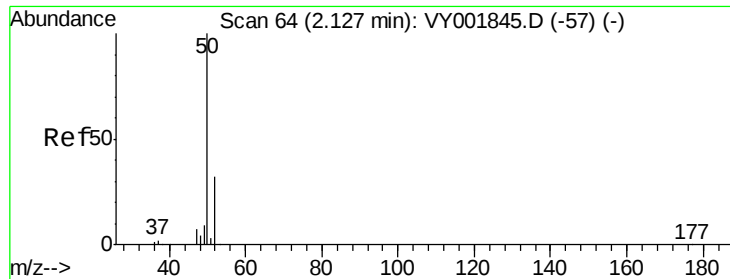
85 100

87 33.3 16.8 50.4



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





#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

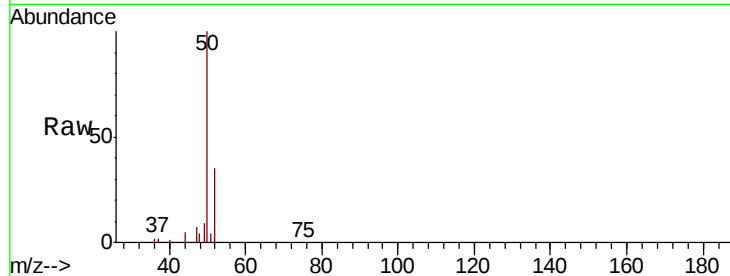
ClientSampleId :

Tot Ion: 50 Resp: 37382

Ion Ratio Lower Upper

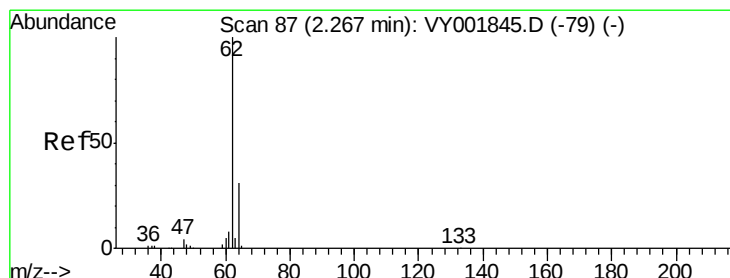
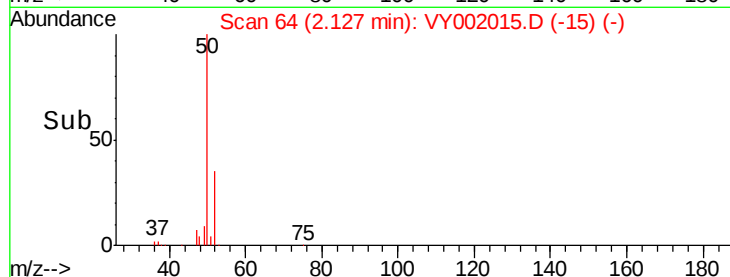
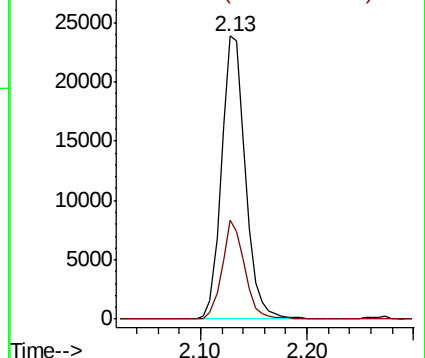
50 100

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

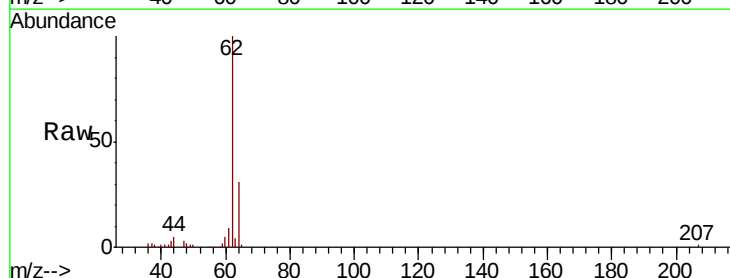
Acq: 19 Mar 2020 12:52

Tgt Ion: 62 Resp: 38884

Ion Ratio Lower Upper

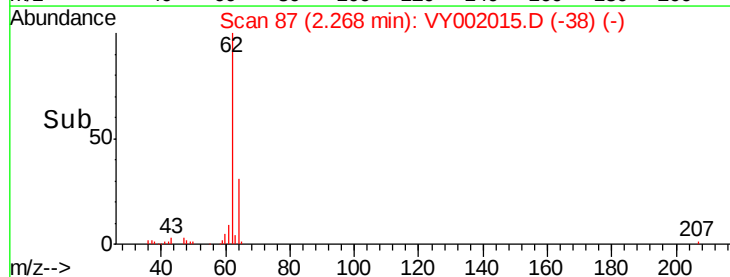
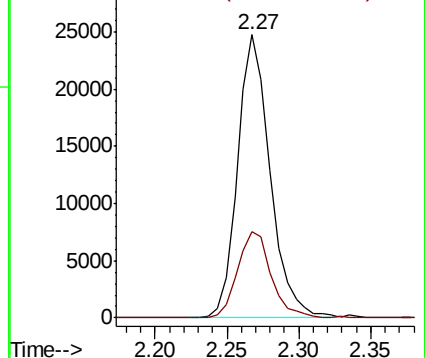
62 100

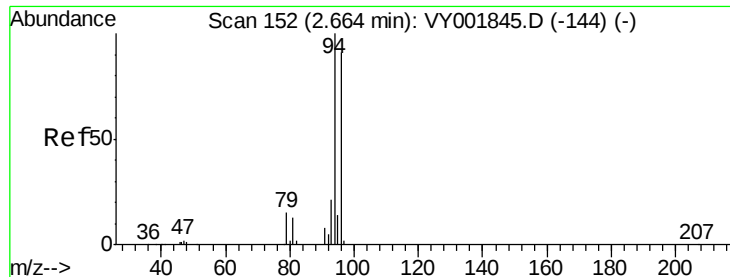
64 30.5 25.1 37.7



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

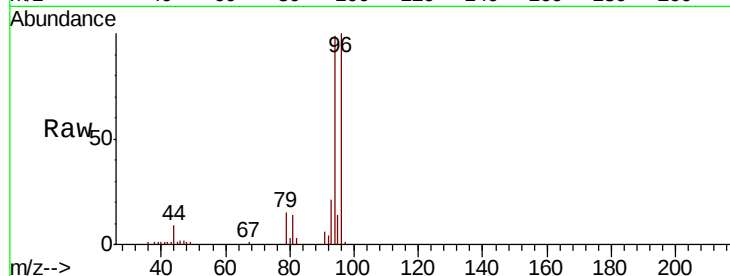
ClientSampled :

Tot Ion: 94 Resp: 25811

Ion Ratio Lower Upper

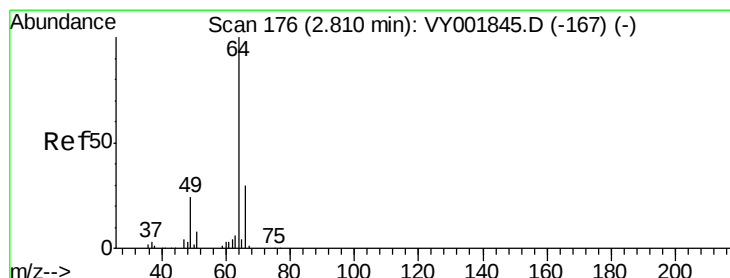
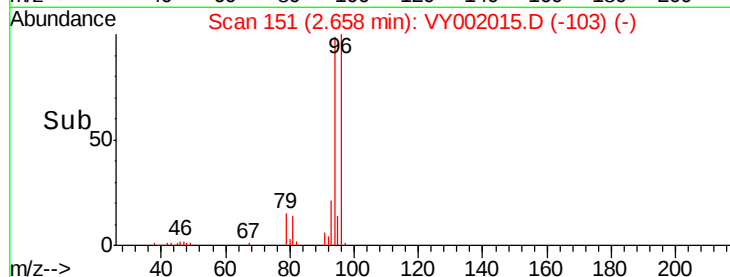
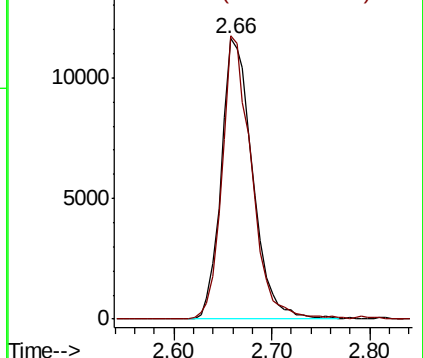
94 100

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

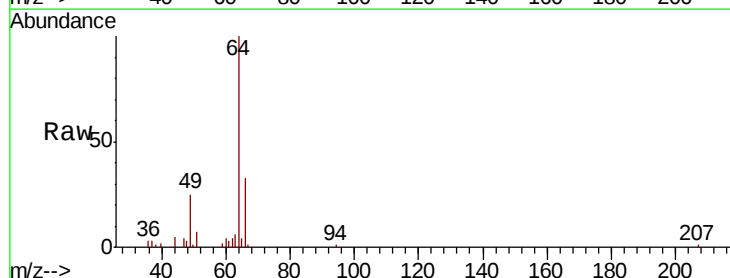
Acq: 19 Mar 2020 12:52

Tgt Ion: 64 Resp: 24726

Ion Ratio Lower Upper

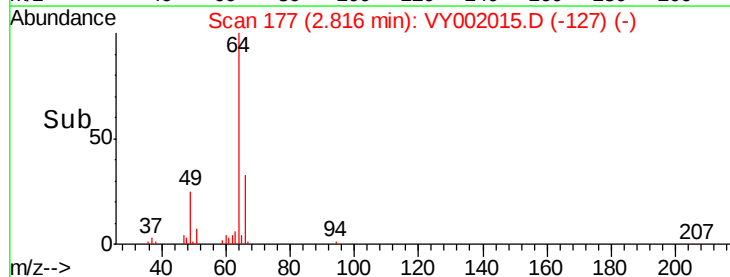
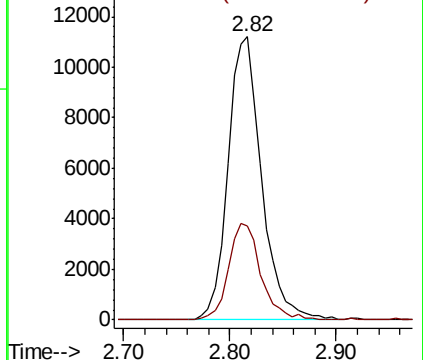
64 100

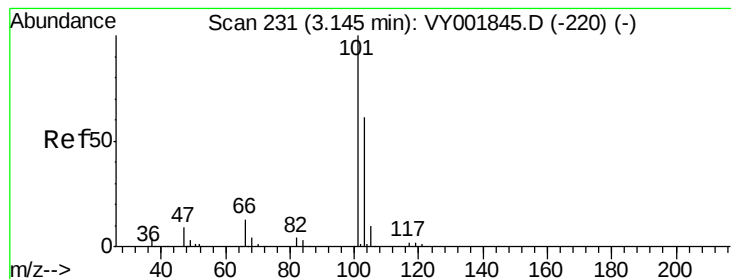
66 33.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



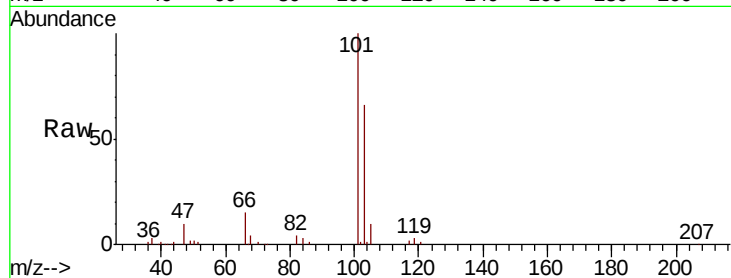


#7

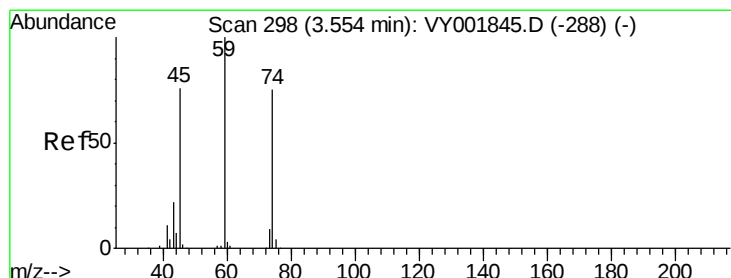
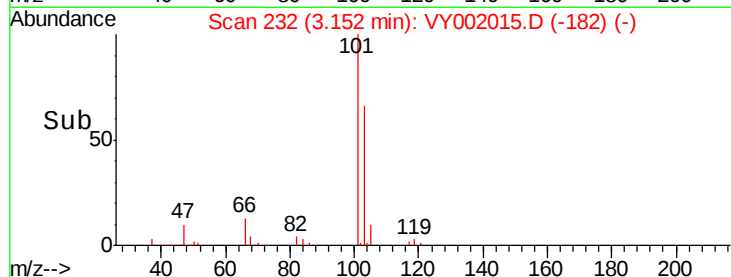
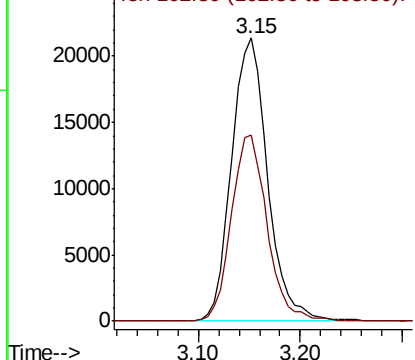
Trichlorofluoromethane
Concen: 19.957 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :

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



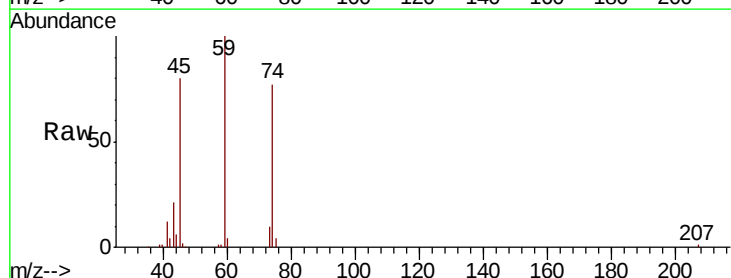
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



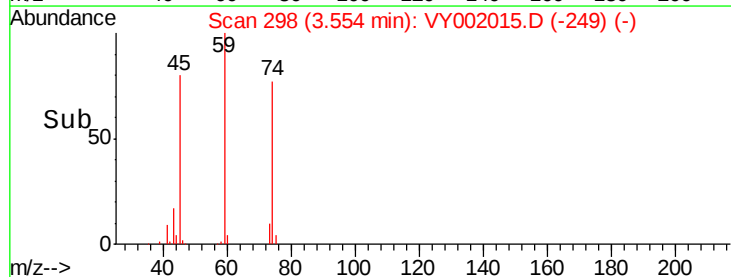
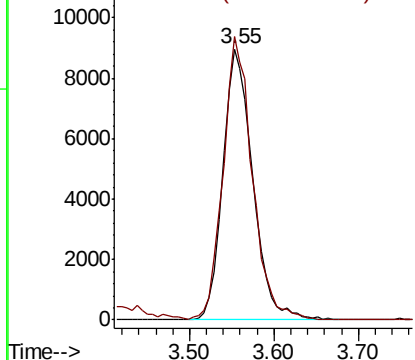
#8

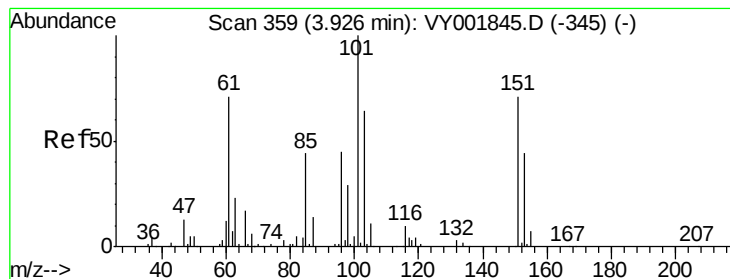
Diethyl Ether
Concen: 20.990 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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

ClientSampled :

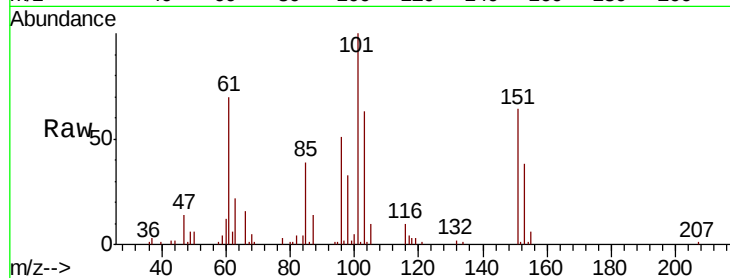
Tot Ion:101 Resp: 35255

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

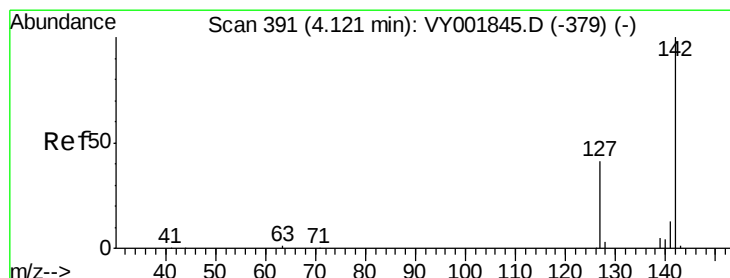
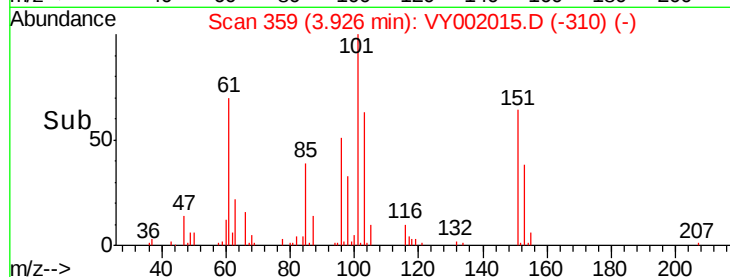
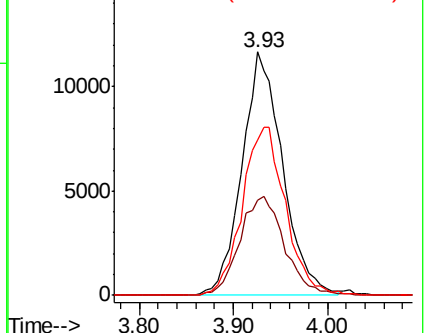
151 73.2 57.0 85.4



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

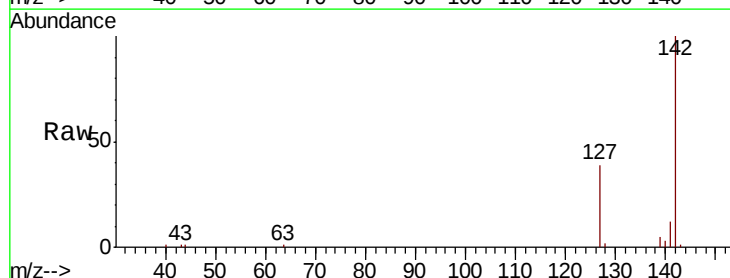
Tgt Ion:142 Resp: 38318

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

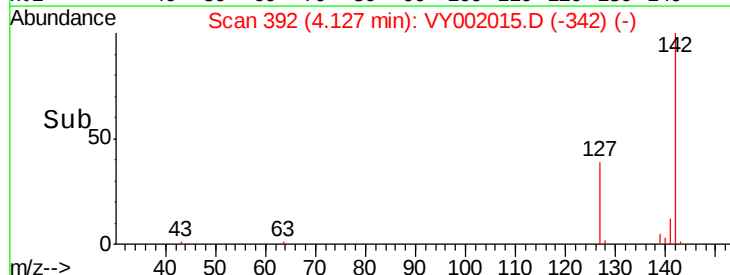
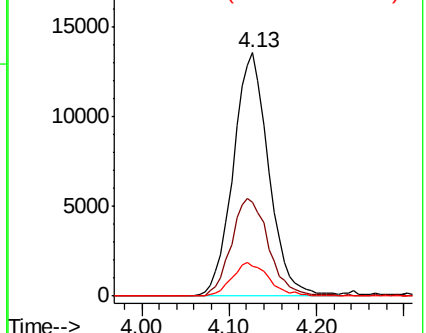
141 14.1 11.0 16.6

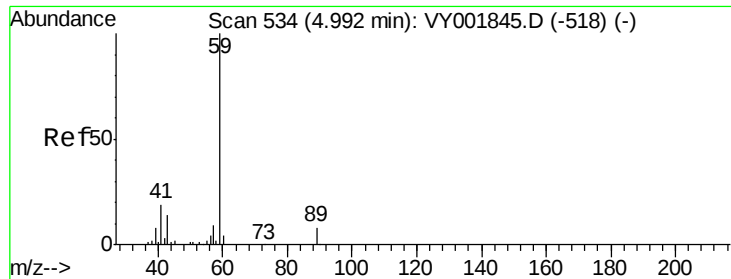


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



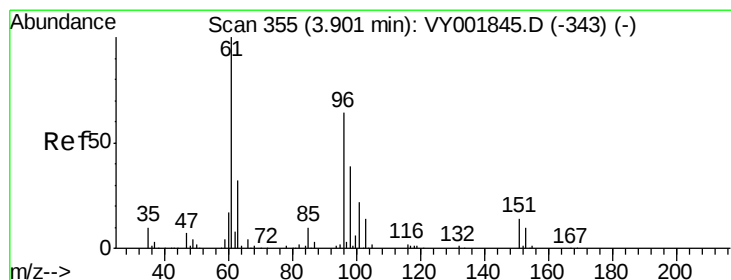
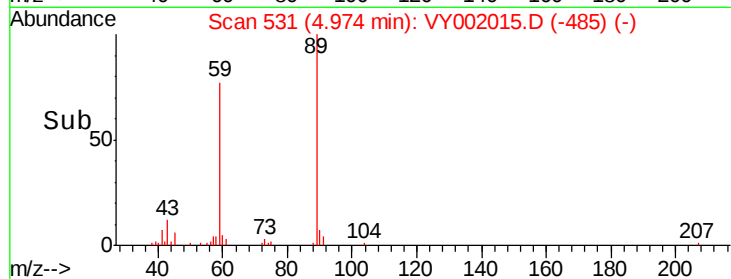
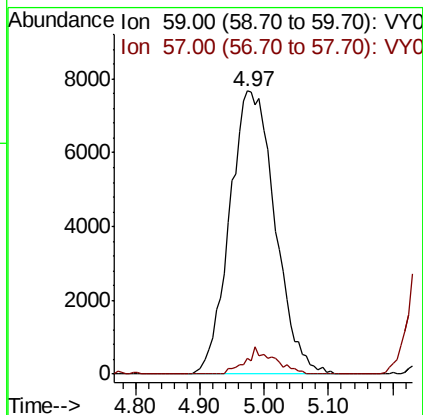
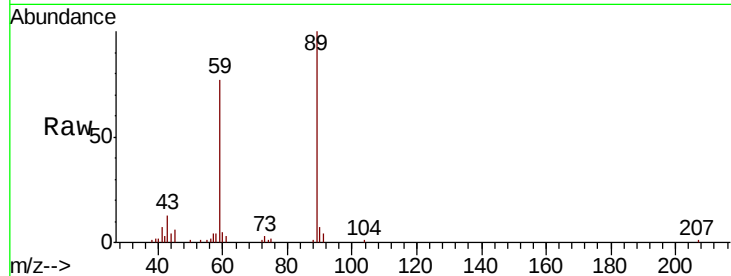


#11

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 :

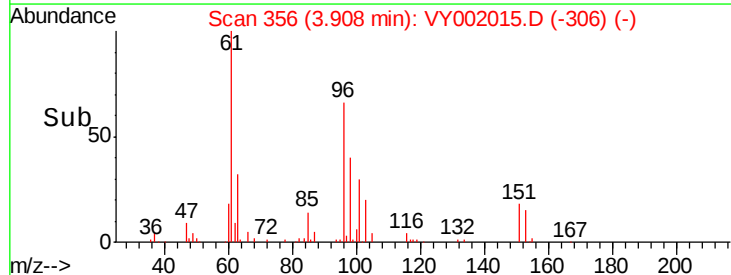
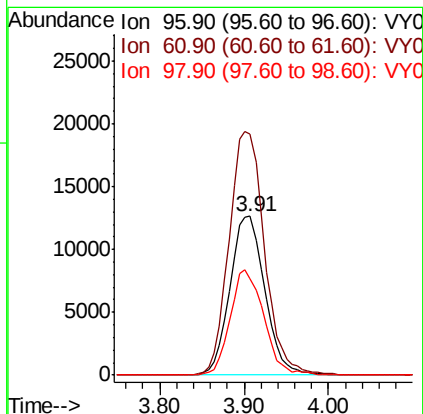
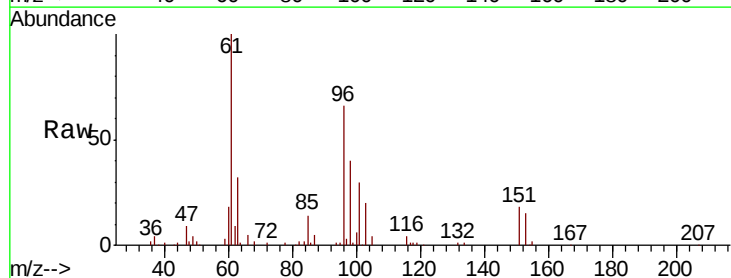
Tot Ion: 59 Resp: 37507
 Ion Ratio Lower Upper
 59 100
 57 6.0 7.4 11.2#

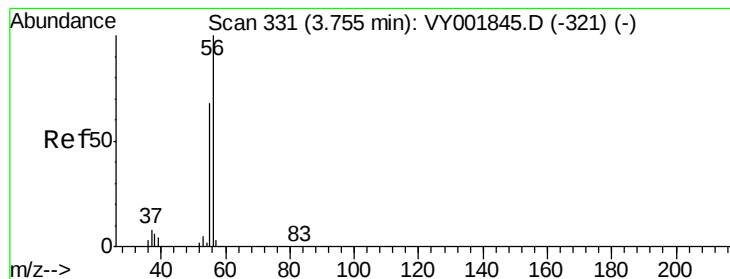


#12

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

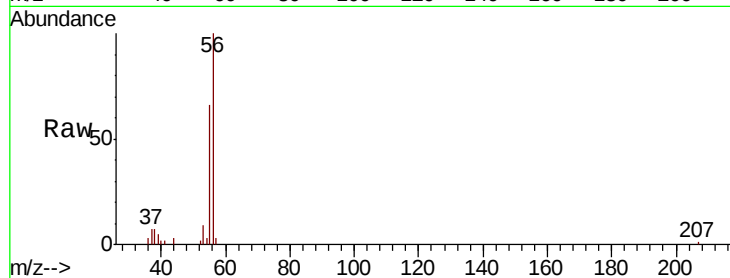
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 18588

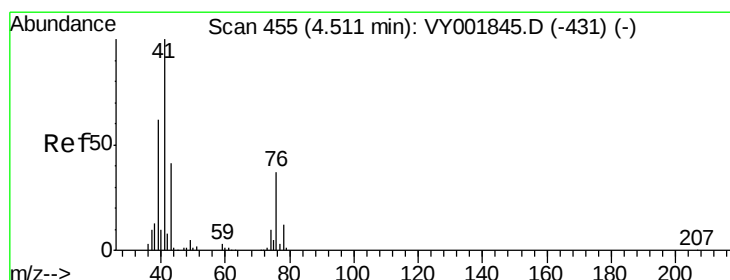
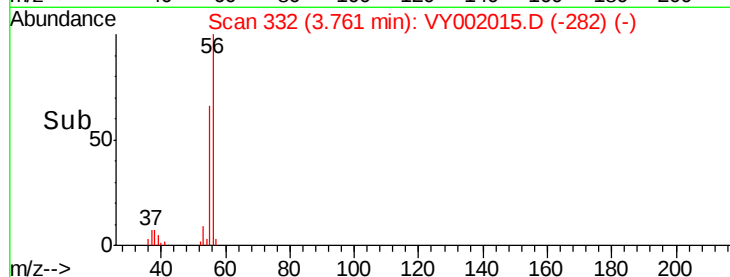
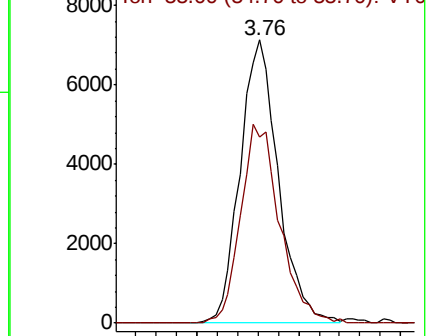
Ion Ratio Lower Upper

56 100

55 71.7 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#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

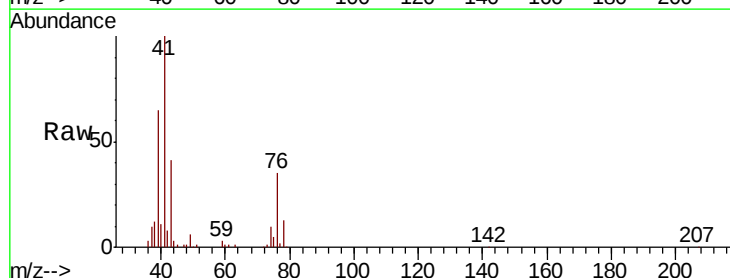
Tgt Ion: 41 Resp: 63794

Ion Ratio Lower Upper

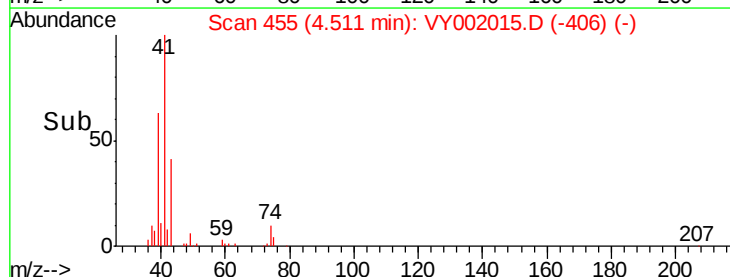
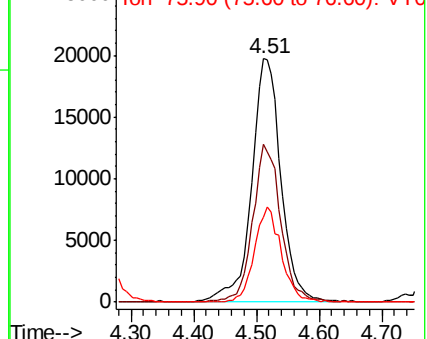
41 100

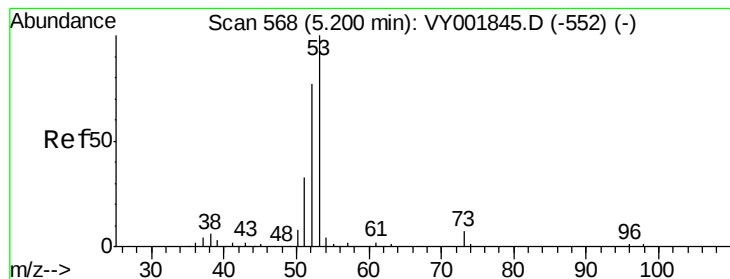
39 61.4 49.0 73.6

76 35.5 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#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 :

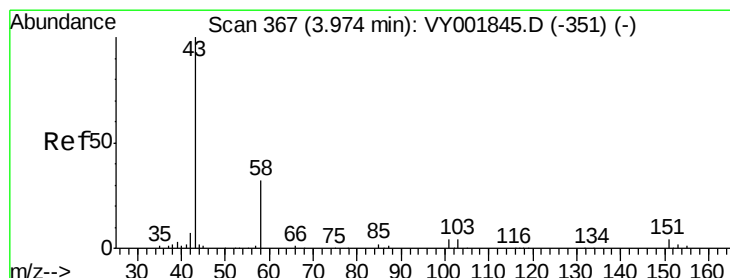
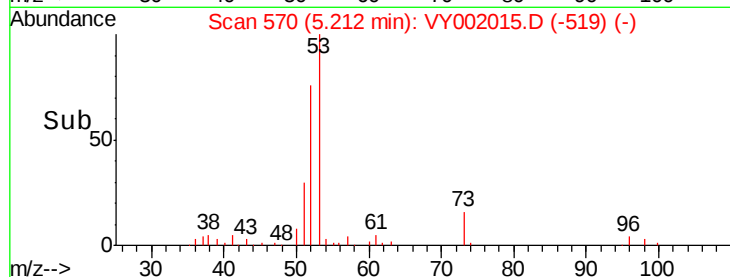
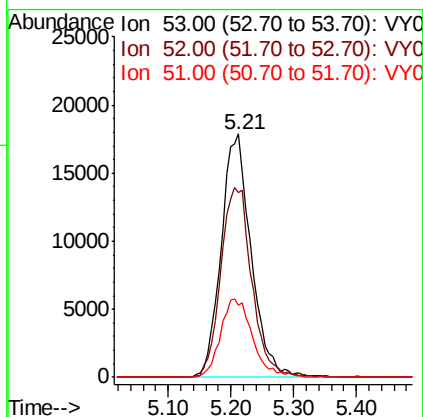
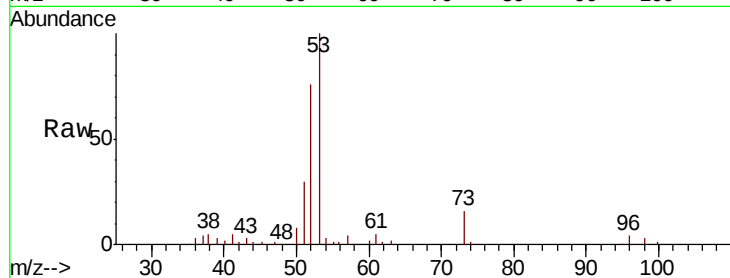
Tot Ion: 53 Resp: 59083

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

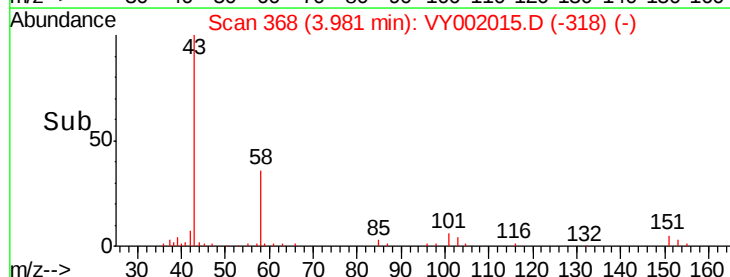
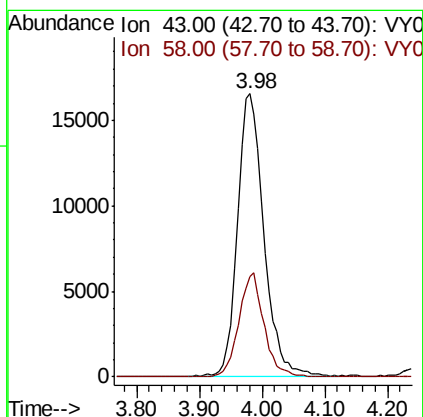
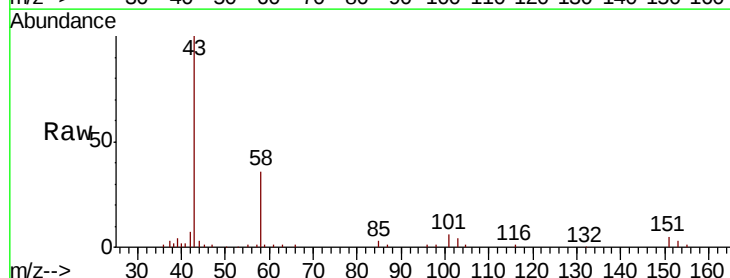
Acq: 19 Mar 2020 12:52

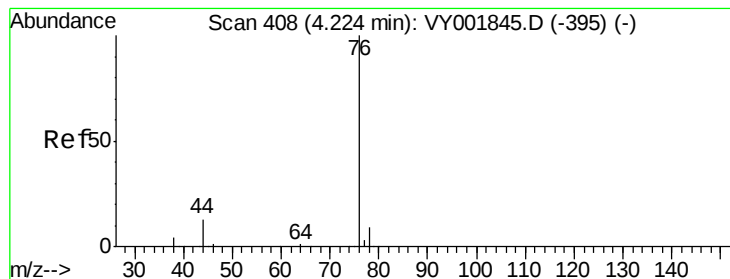
Tgt Ion: 43 Resp: 48351

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

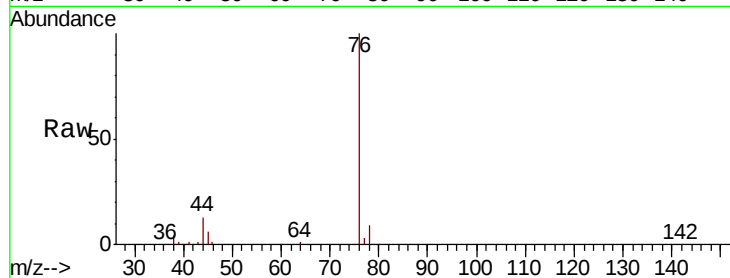
ClientSampleId :

Tot Ion: 76 Resp: 107502

Ion Ratio Lower Upper

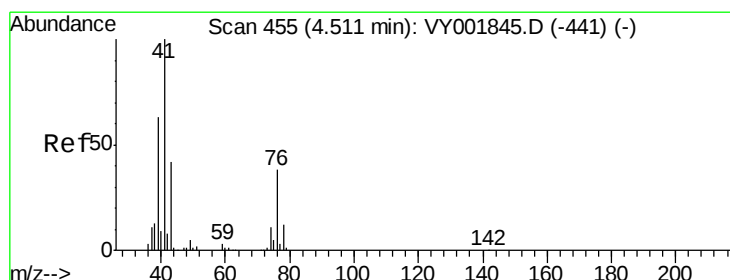
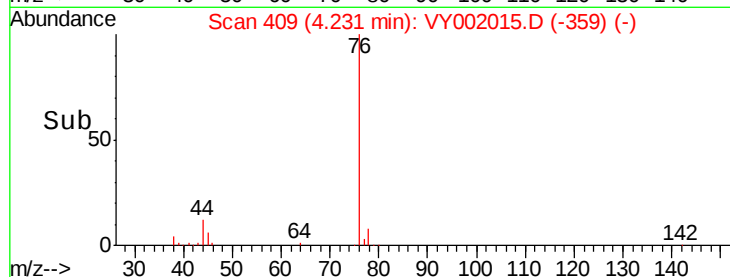
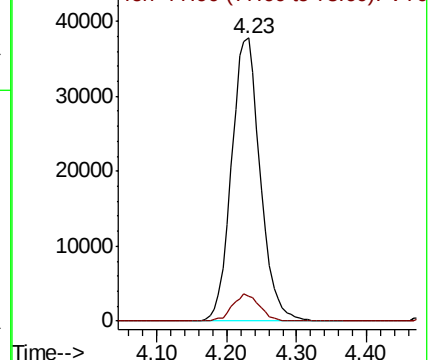
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002015.D (-395) (-)

Ion 77.90 (77.60 to 78.60): VY002015.D (-395) (-)



#18

Methyl Acetate

Concen: 21.513 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002015.D

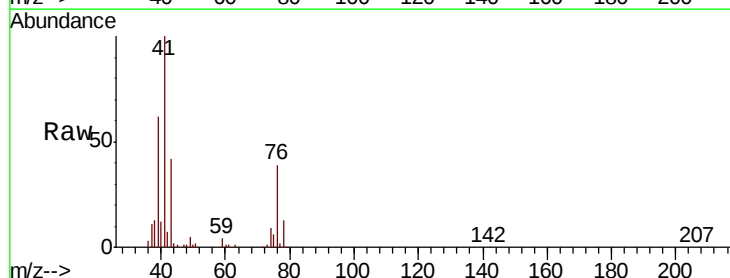
Acq: 19 Mar 2020 12:52

Tgt Ion: 43 Resp: 26271

Ion Ratio Lower Upper

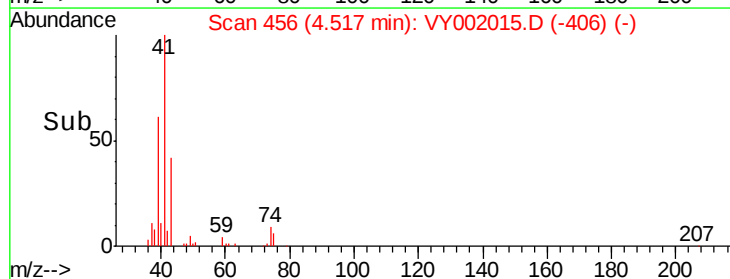
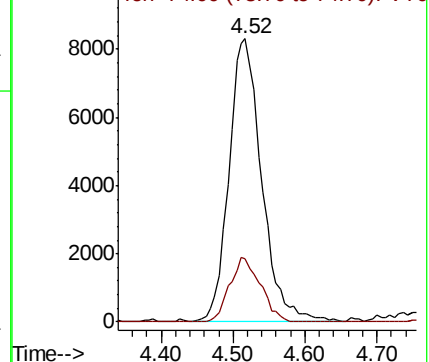
43 100

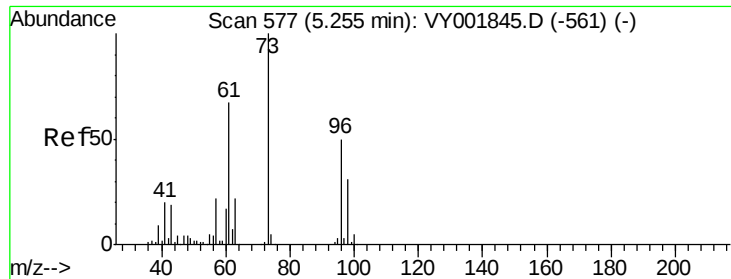
74 21.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY002015.D (-406) (-)

Ion 74.00 (73.70 to 74.70): VY002015.D (-406) (-)

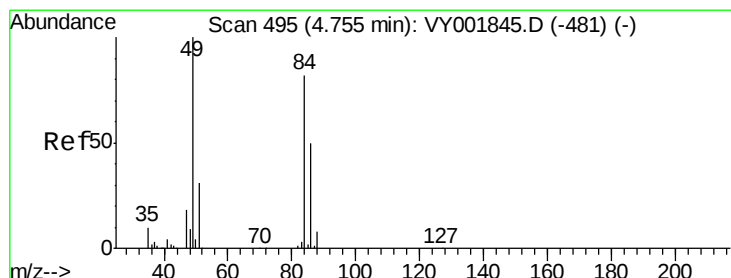
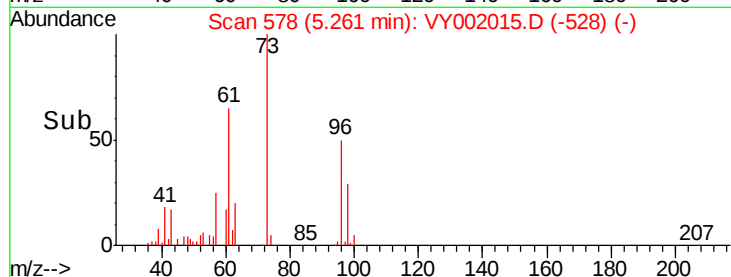
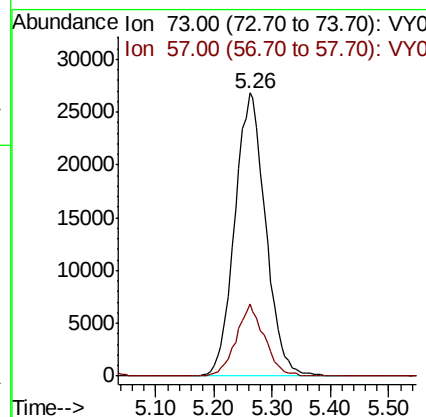
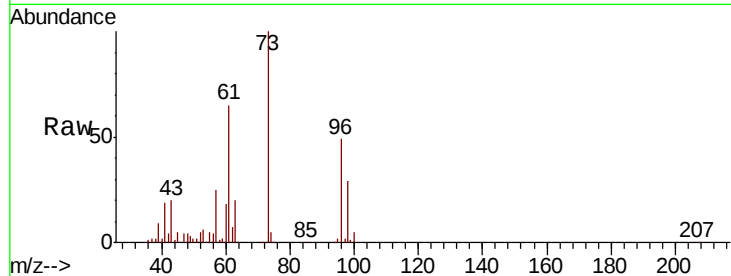




#19
Methyl tert-butyl Ether
Concen: 21.370 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

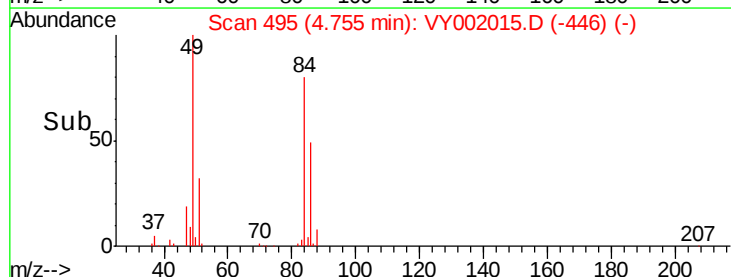
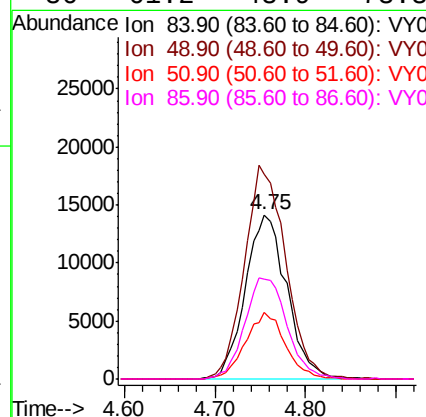
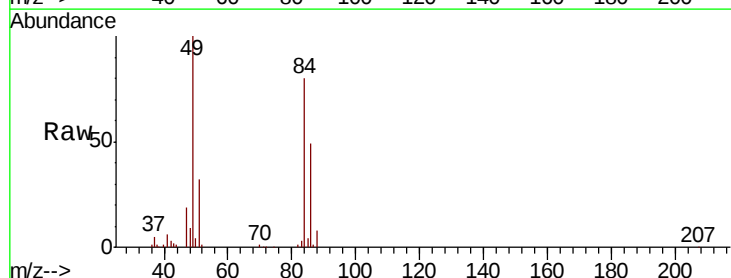
Instrument :
MSVOA_Y
ClientSampleId :

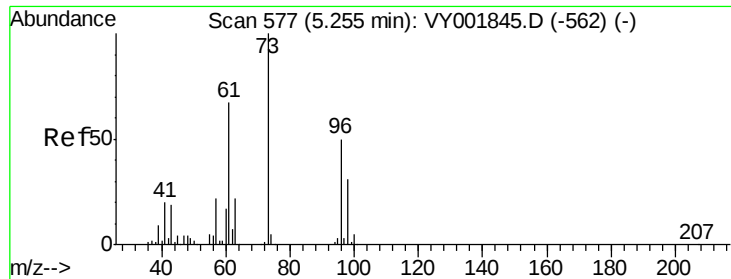
Tot Ion: 73 Resp: 98417
Ion Ratio Lower Upper
73 100
57 25.4 17.4 26.2



#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

ClientSampled :

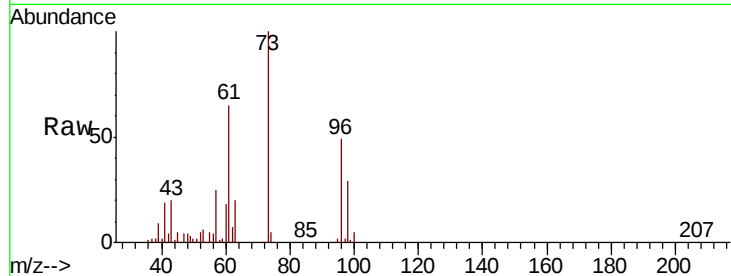
Tot Ion: 96 Resp: 39917

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

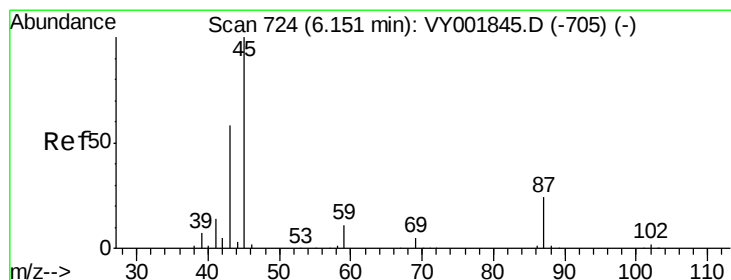
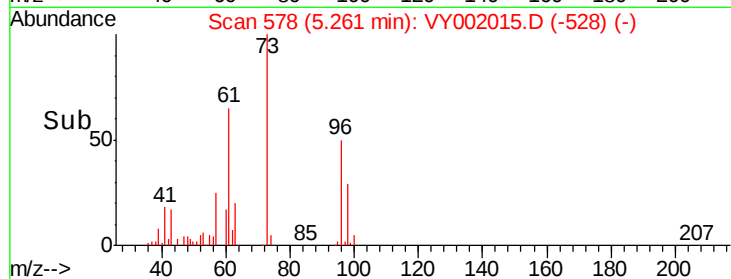
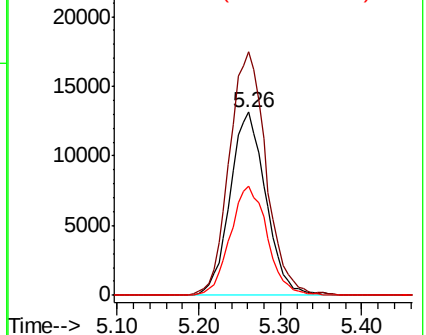
98 59.5 49.3 73.9



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

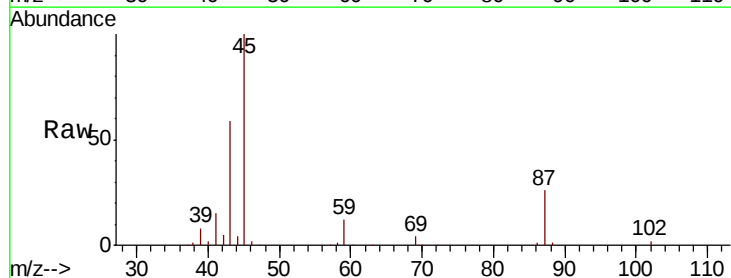
Ion Ratio Lower Upper

45 100

43 58.7 47.2 70.8

87 25.8 19.8 29.8

59 12.3 8.8 13.2

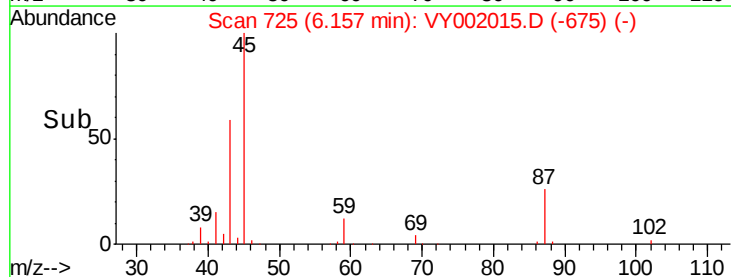
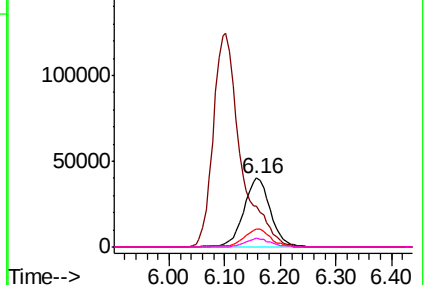


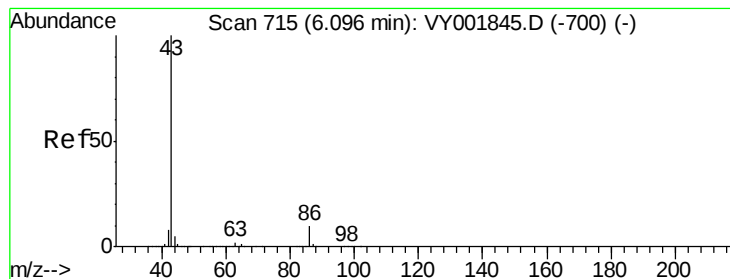
Abundance Ion 45.00 (44.70 to 45.70): VY0

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

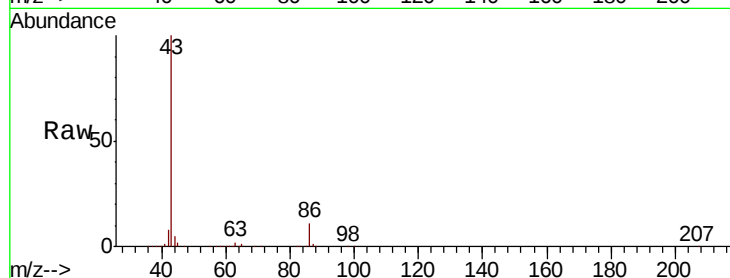
ClientSampled :

Tot Ion: 43 Resp: 425221

Ion Ratio Lower Upper

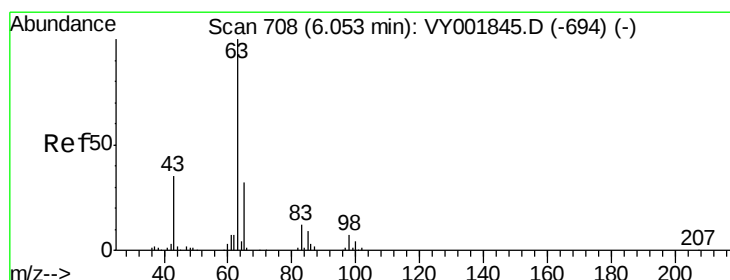
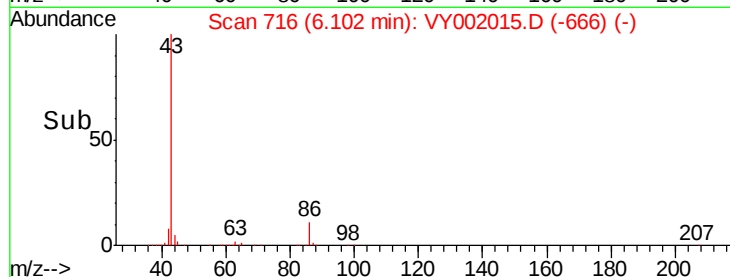
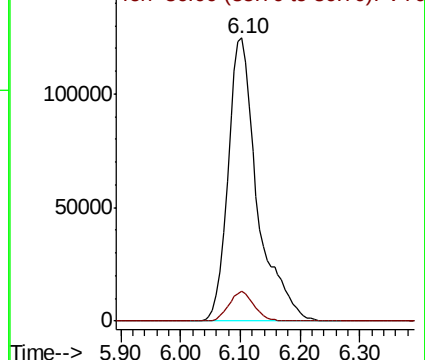
43 100

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

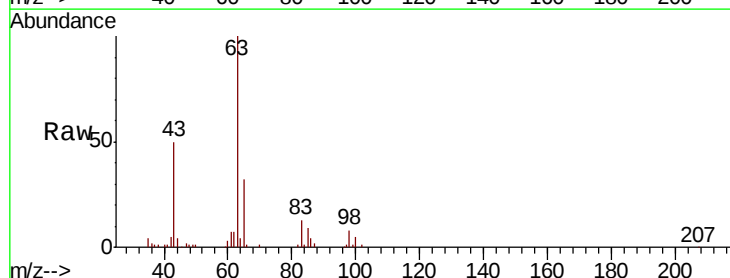
Tgt Ion: 63 Resp: 70958

Ion Ratio Lower Upper

63 100

98 8.2 3.4 10.2

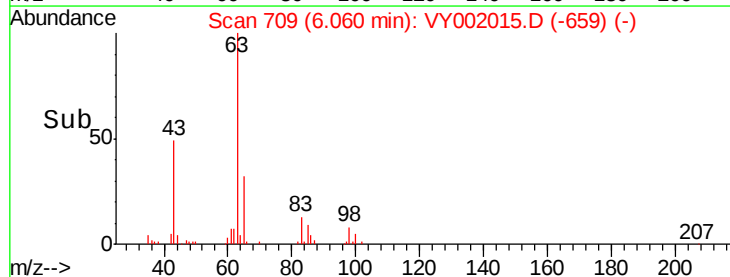
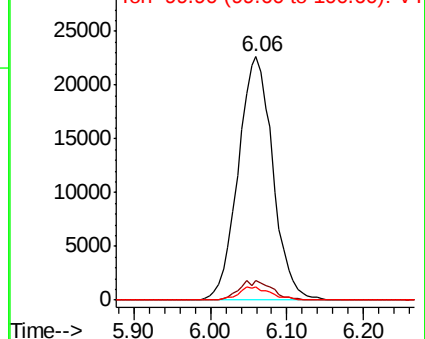
100 5.3 2.0 6.0

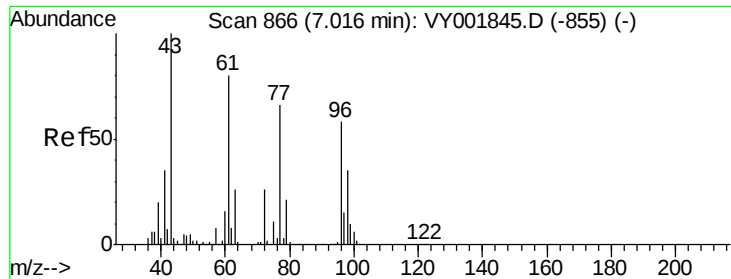


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

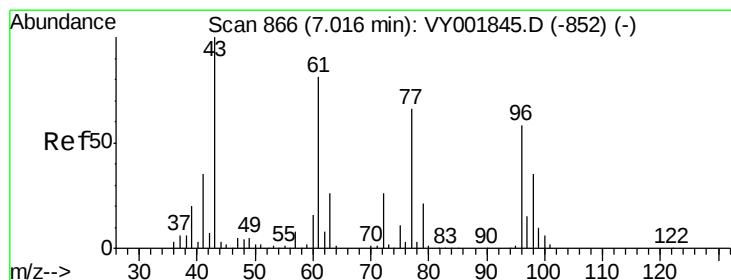
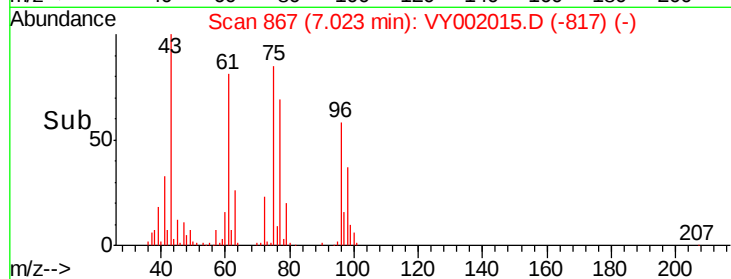
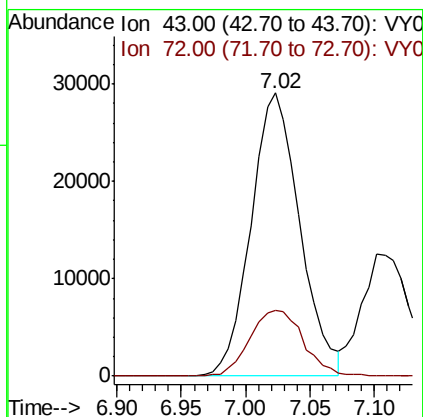
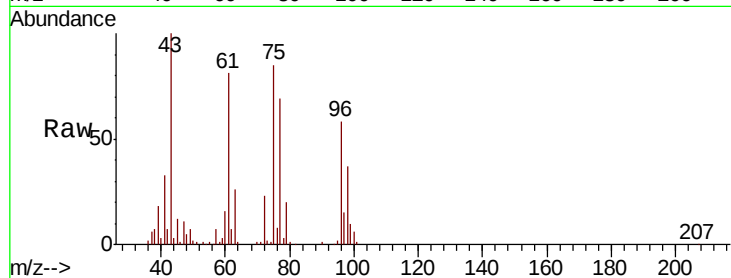




#25
2-Butanone
Concen: 105.856 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

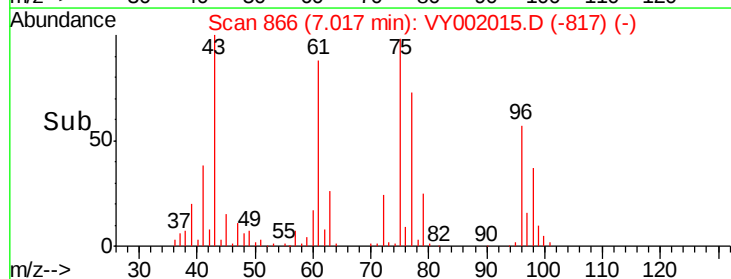
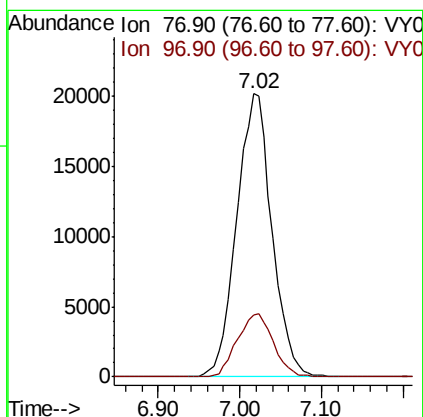
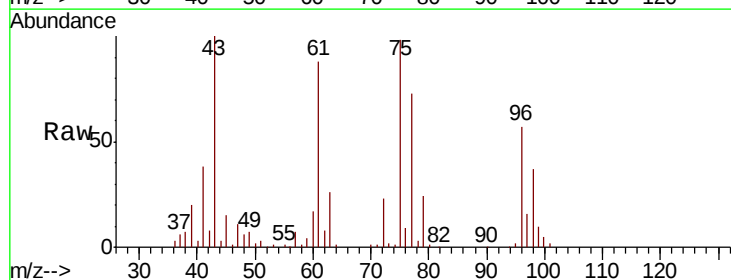
Instrument :
MSVOA_Y
ClientSampleId :

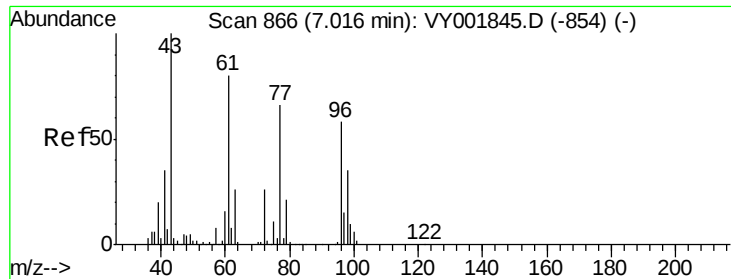
Tot Ion: 43 Resp: 76509
Ion Ratio Lower Upper
43 100
72 23.4 20.9 31.3



#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



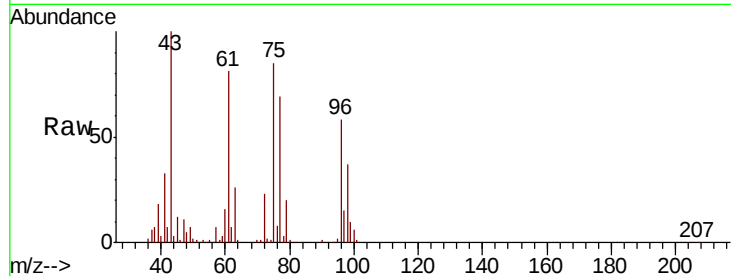


#27

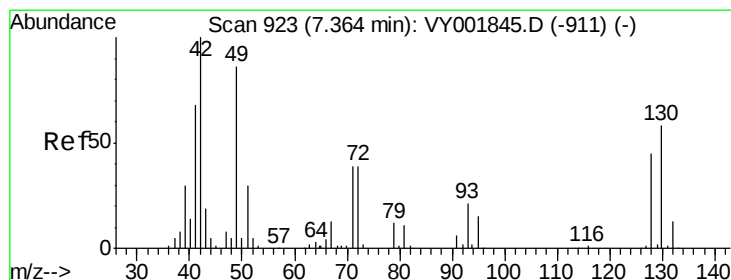
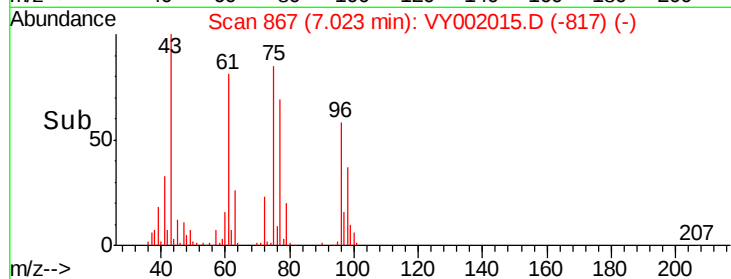
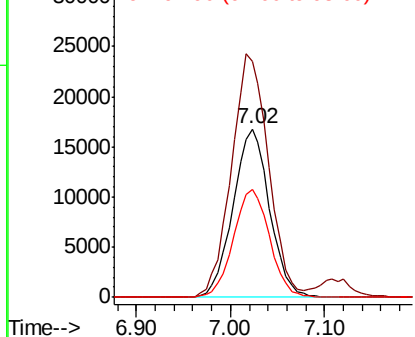
cis-1,2-Dichloroethene
Concen: 21.572 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :

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



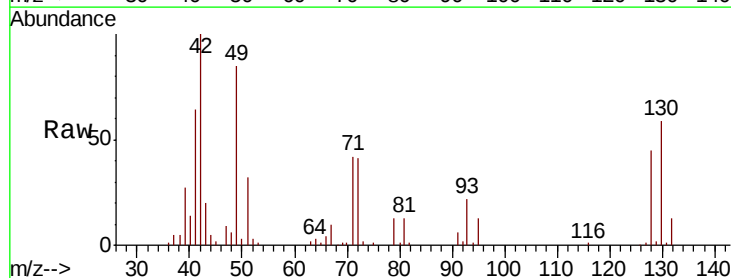
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



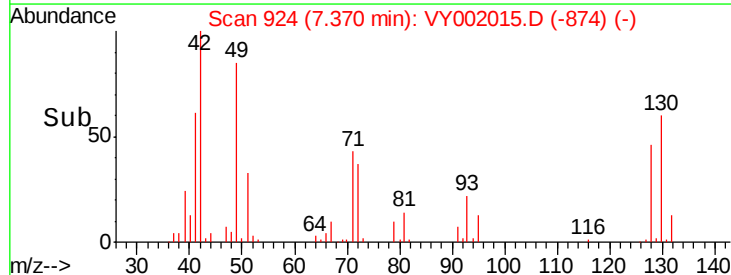
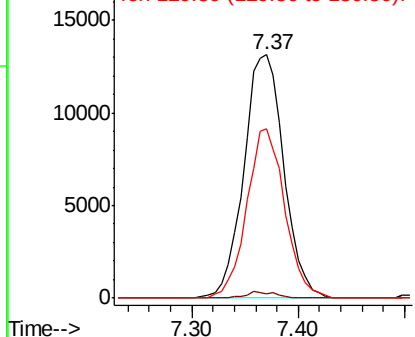
#28

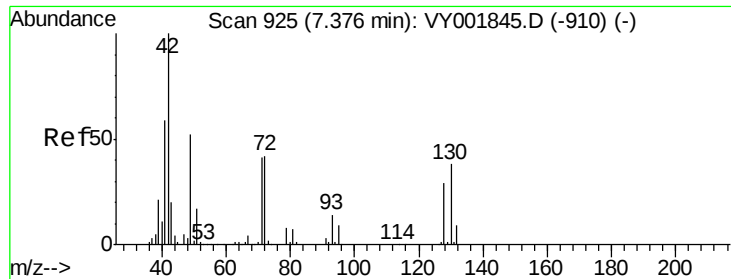
Bromochloromethane
Concen: 22.950 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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): V
Ion 129.80 (129.50 to 130.50): V

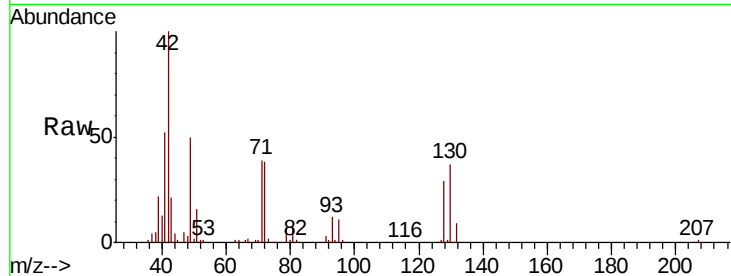




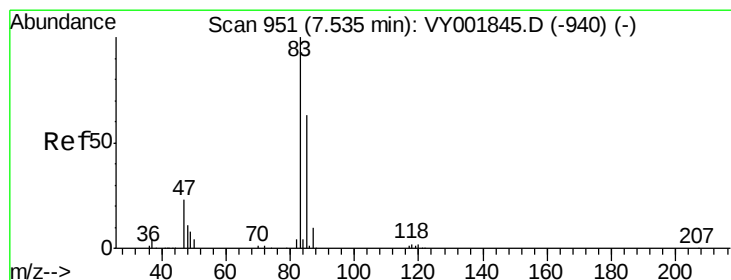
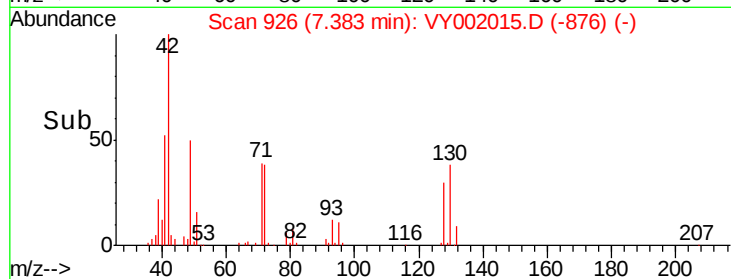
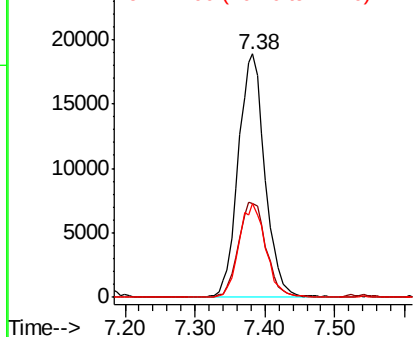
#29
Tetrahydrofuran
Concen: 104.177 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampled :

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

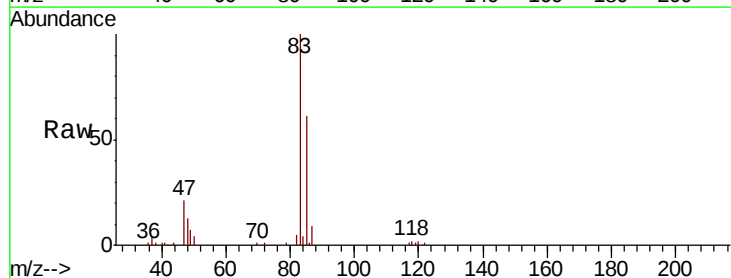


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

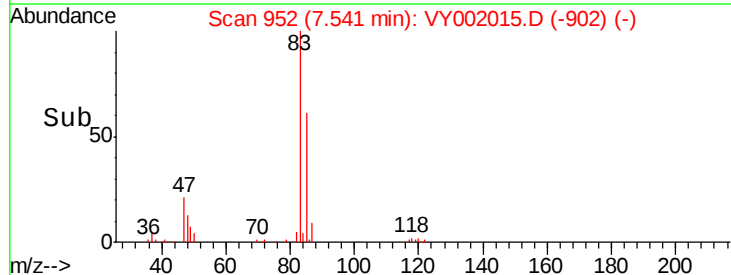
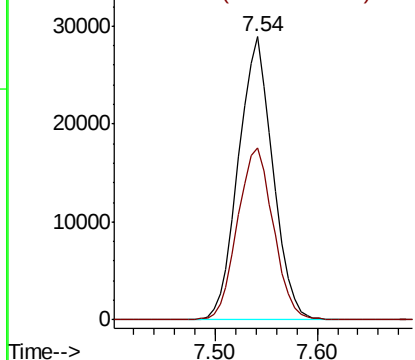


#30
Chloroform
Concen: 21.541 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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 :

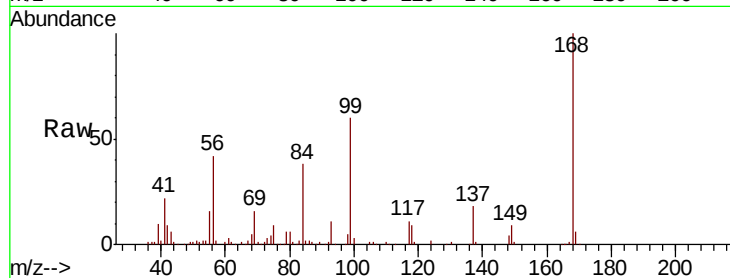
Tot Ion: 56 Resp: 73078

Ion Ratio Lower Upper

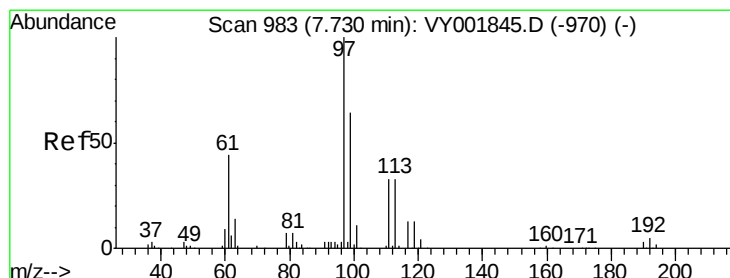
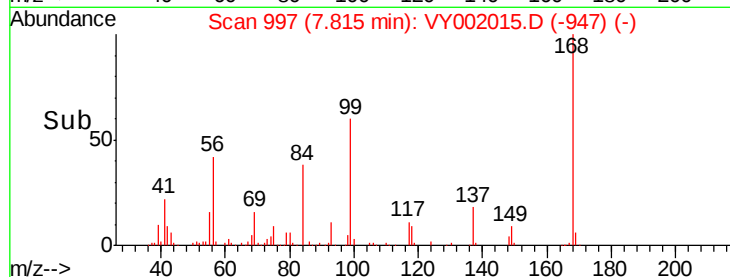
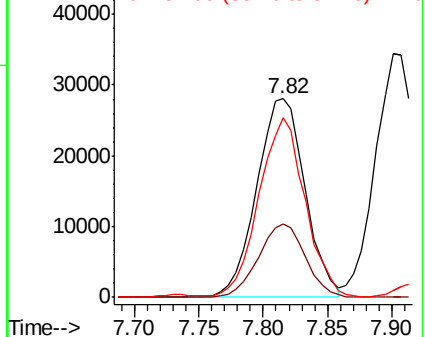
56 100

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

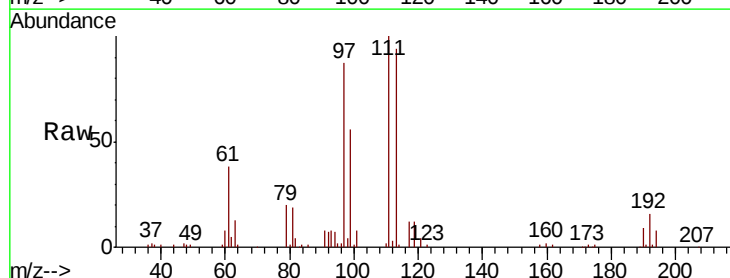
Tgt Ion: 97 Resp: 56828

Ion Ratio Lower Upper

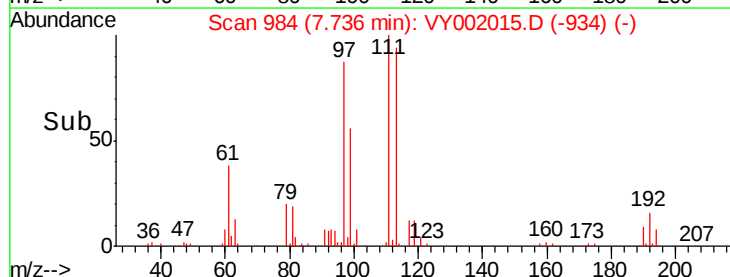
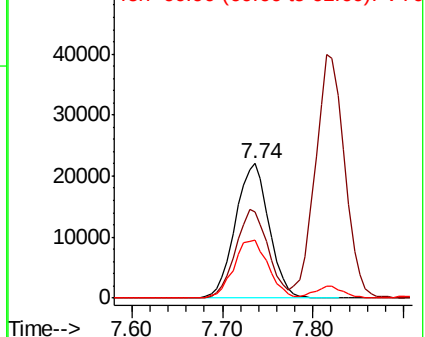
97 100

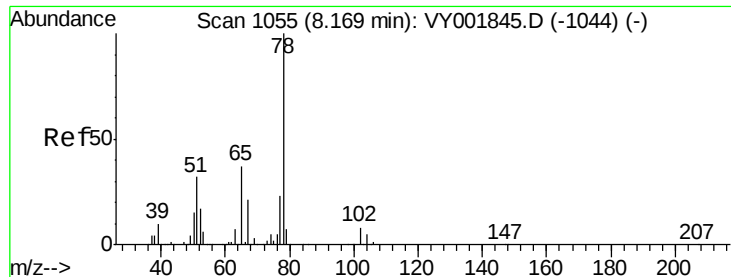
99 63.6 52.0 78.0

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

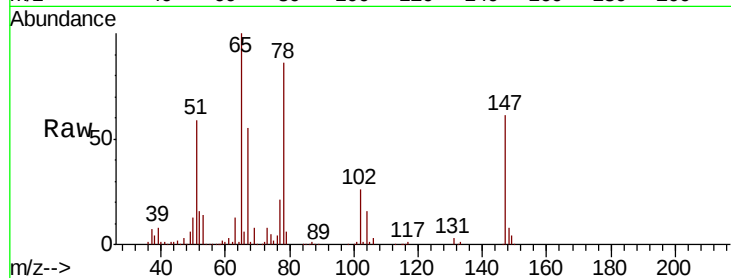
ClientSampleId :

Tot Ion: 65 Resp: 88029

Ion Ratio Lower Upper

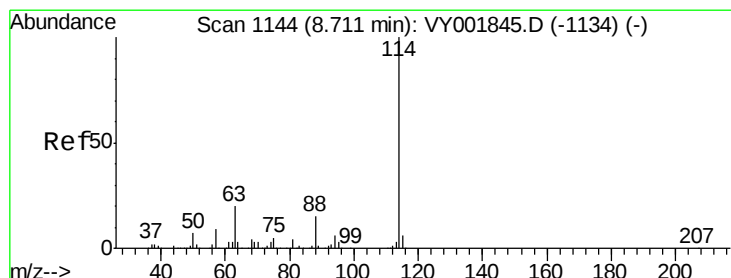
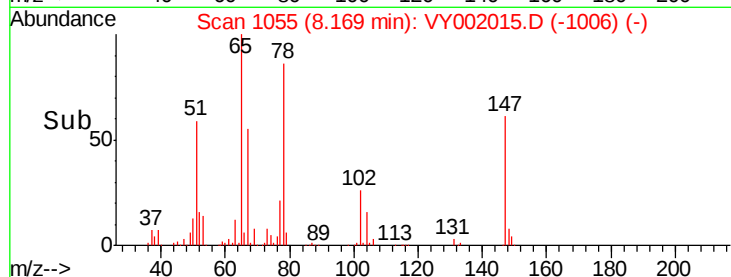
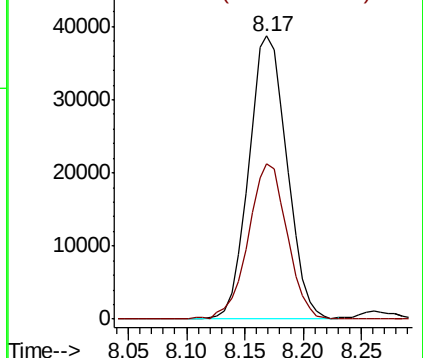
65 100

67 56.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#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

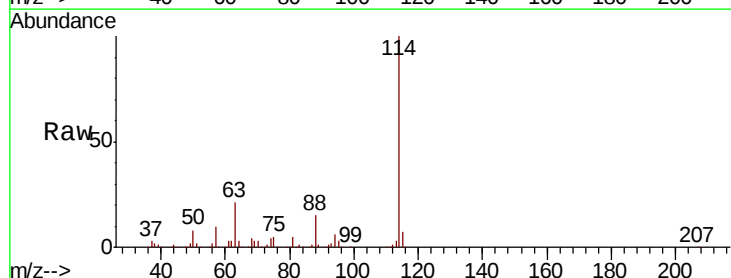
Tgt Ion: 114 Resp: 279390

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

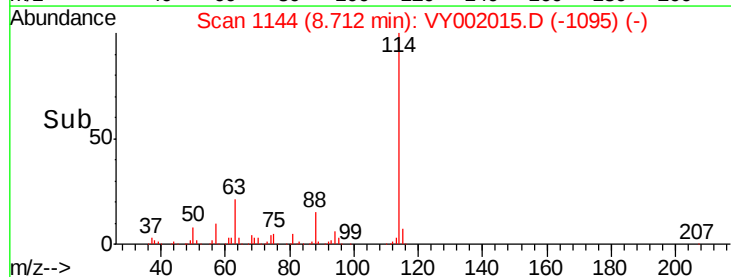
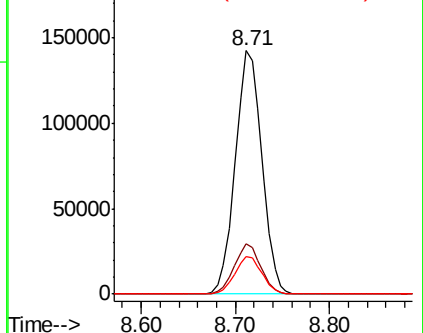
88 15.4 0.0 30.4

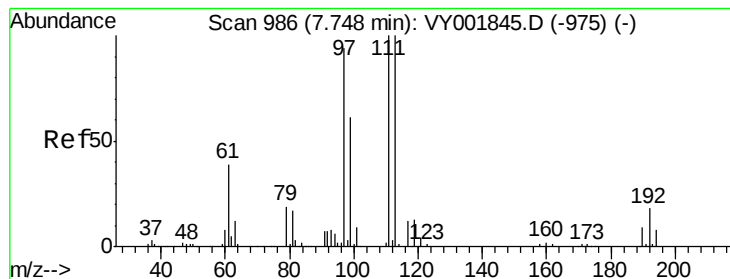


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#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 :

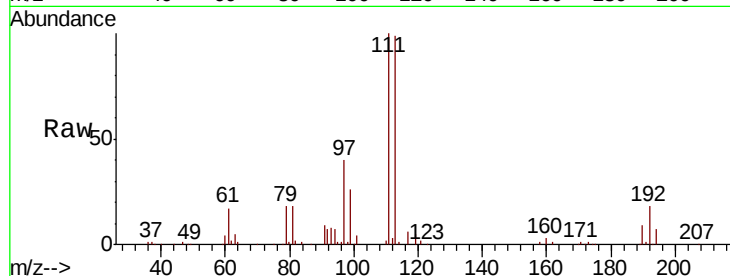
Tot Ion:113 Resp: 81341

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

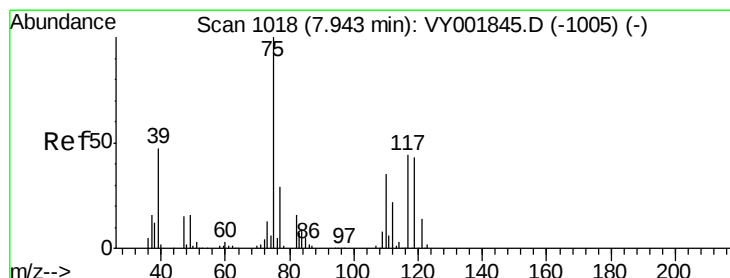
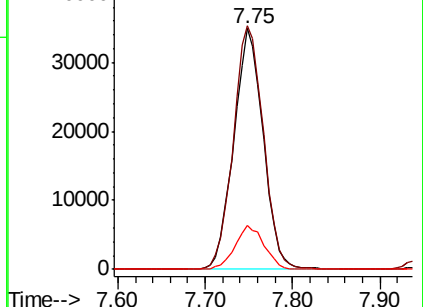
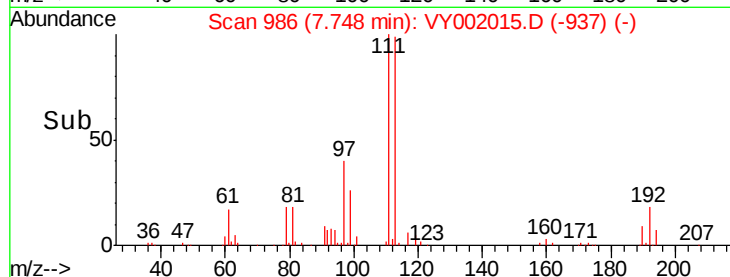
192 18.0 14.2 21.2



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

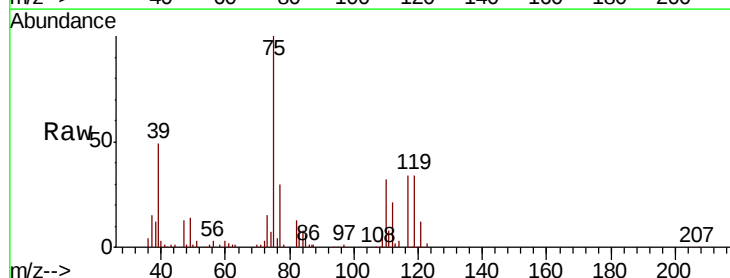
Tgt Ion: 75 Resp: 55549

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

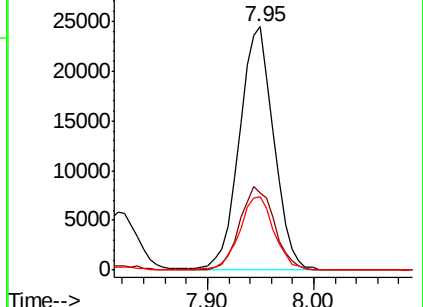
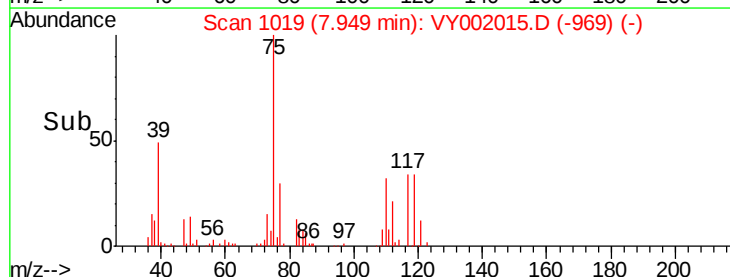
77 30.4 24.2 36.2

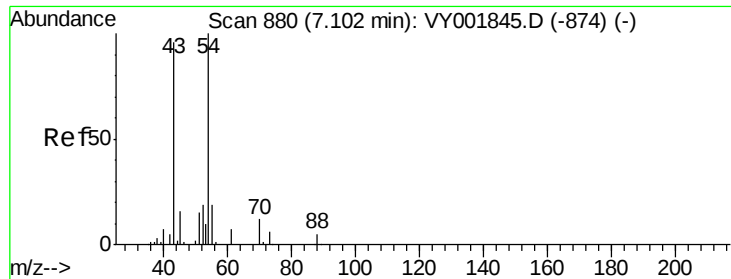


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

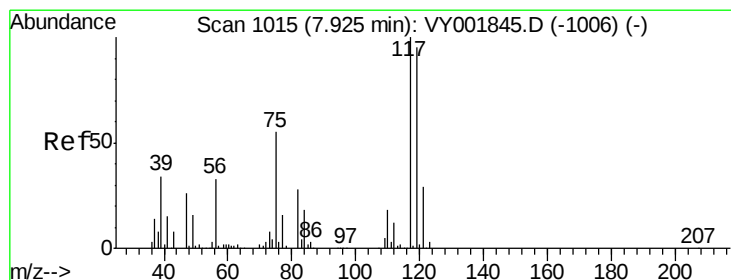
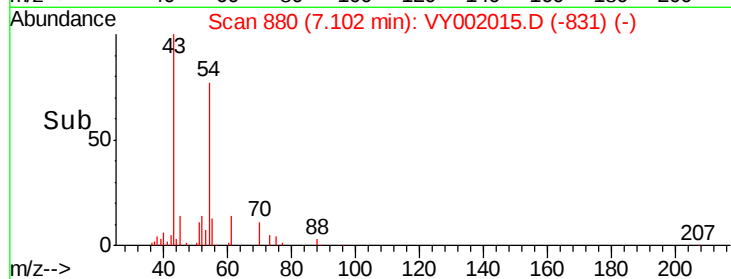
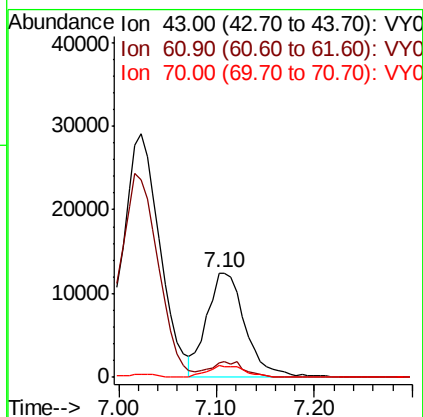
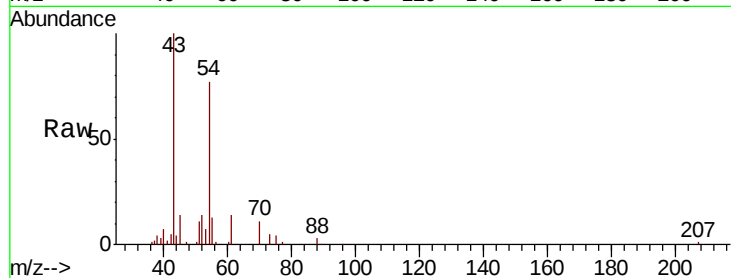




#37
Ethyl Acetate
Concen: 21.867 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

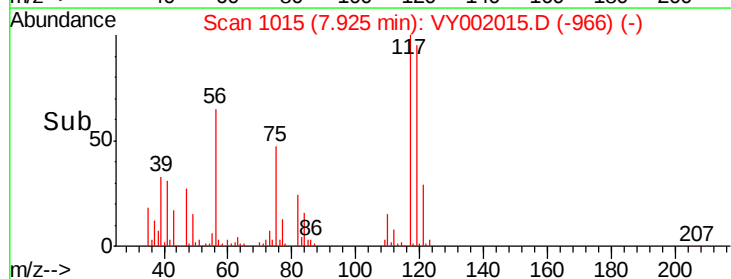
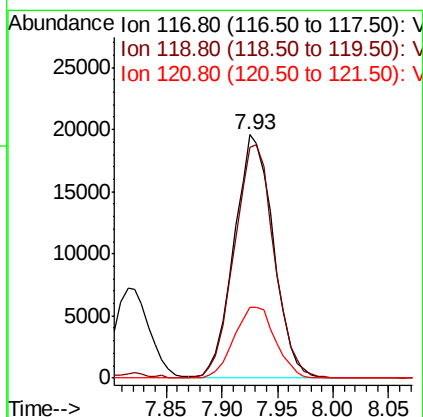
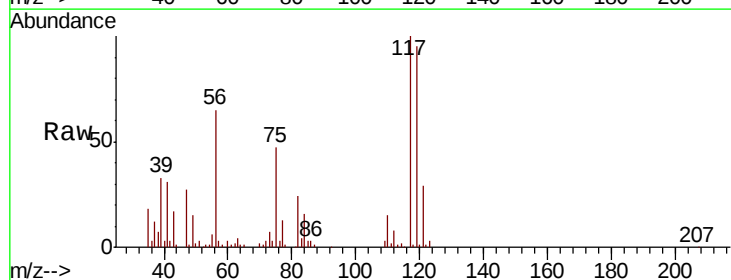
Instrument :
MSVOA_Y
ClientSampleId :

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

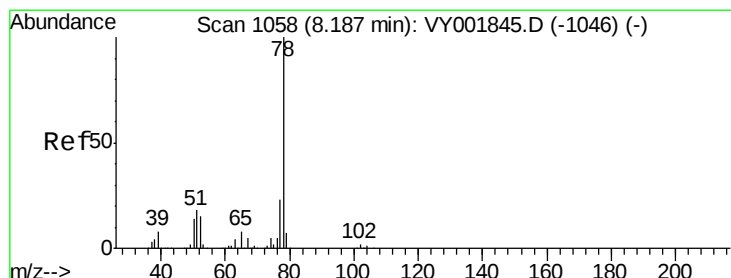
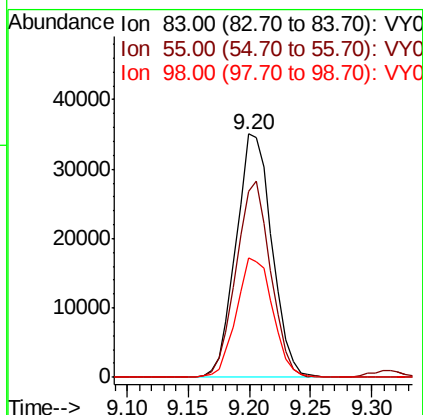
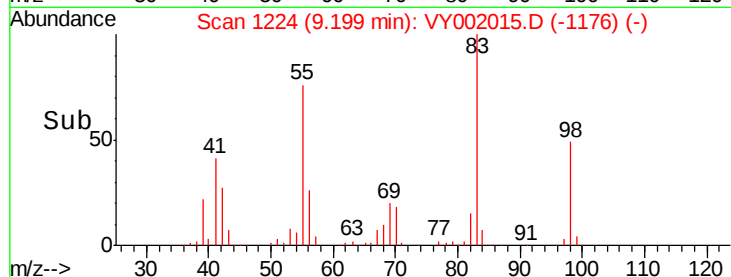
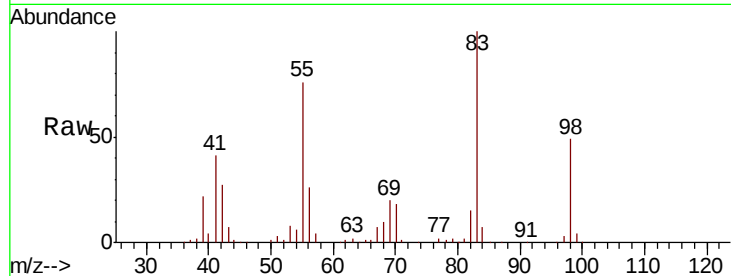




#39
Methvlcvclohexane
Concen: 20.034 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

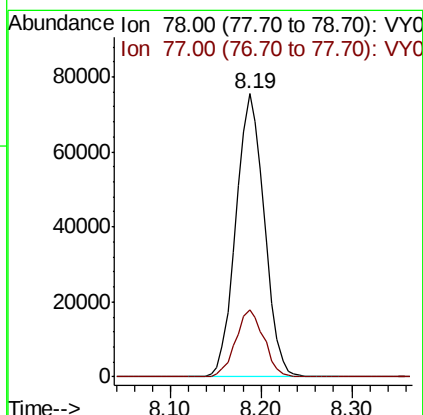
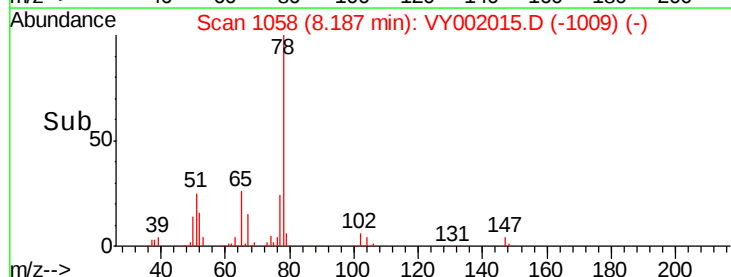
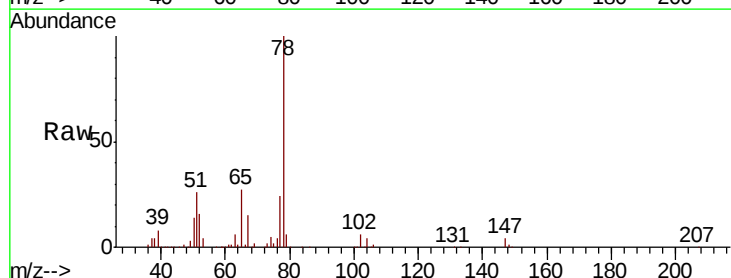
Instrument :
MSVOA_Y
ClientSampleId :

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



#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





#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 :

Tot Ion: 41 Resp: 44426

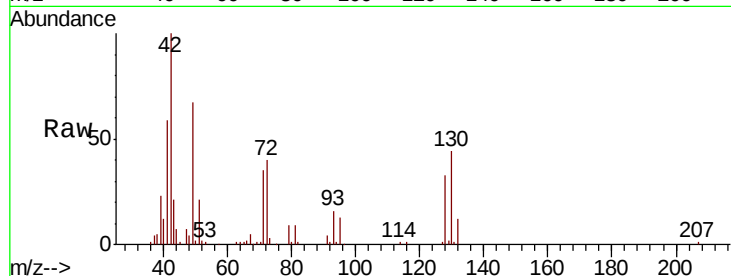
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

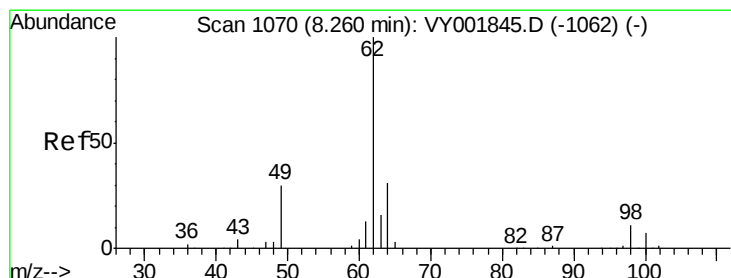
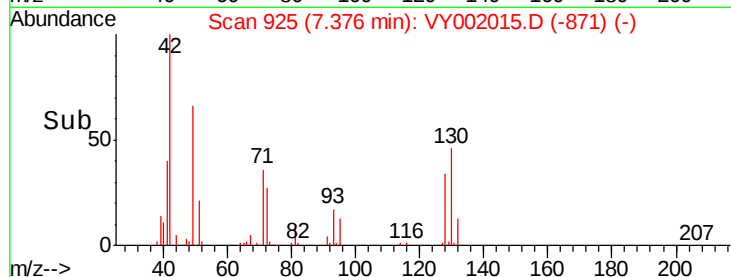
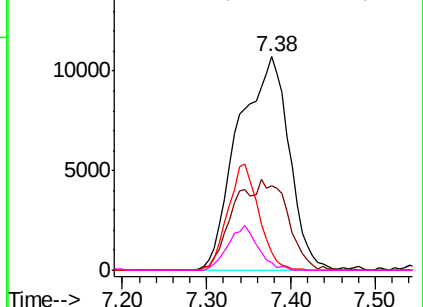


Abundance Ion 41.00 (40.70 to 41.70): VY0

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

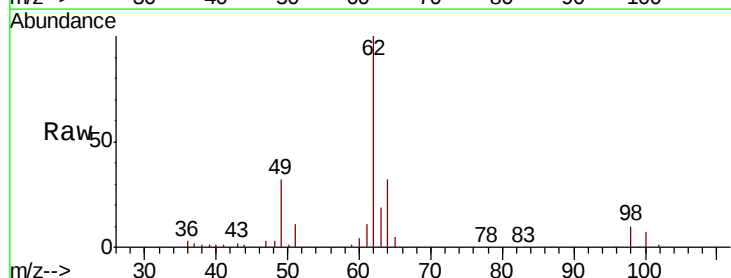
Acq: 19 Mar 2020 12:52

Tgt Ion: 62 Resp: 44212

Ion Ratio Lower Upper

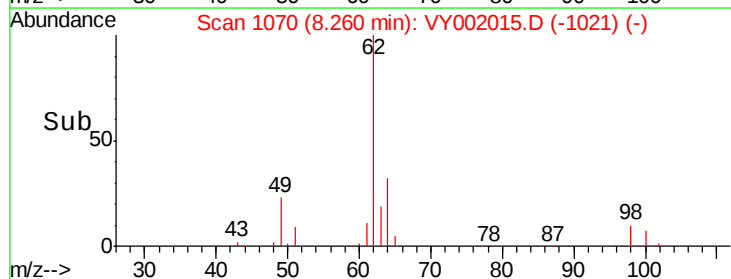
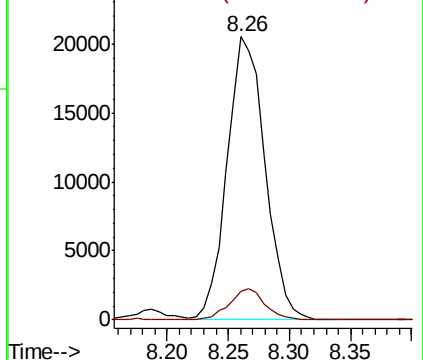
62 100

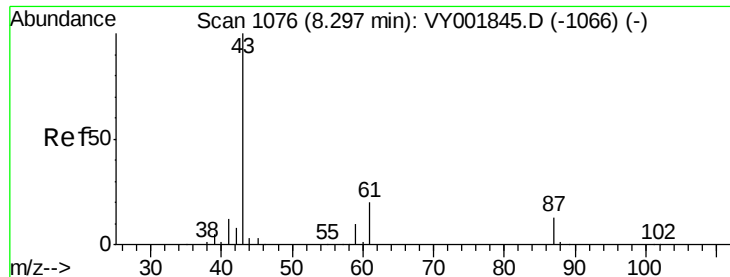
98 10.2 0.0 21.4



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 :

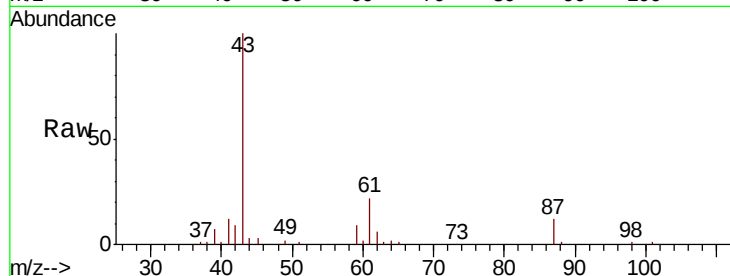
Tot Ion: 43 Resp: 60497

Ion Ratio Lower Upper

43 100

61 29.3 23.8 35.6

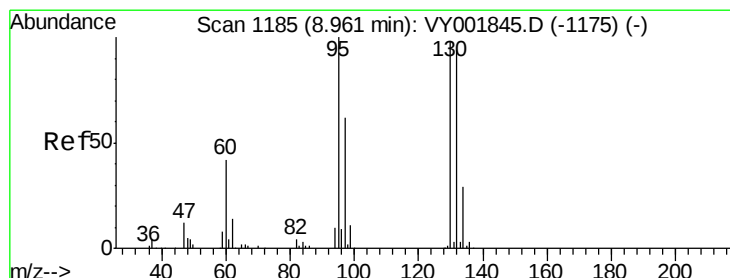
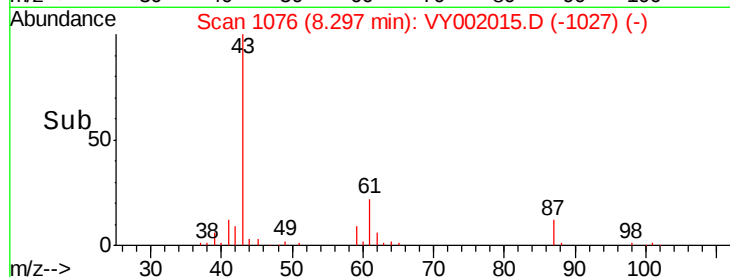
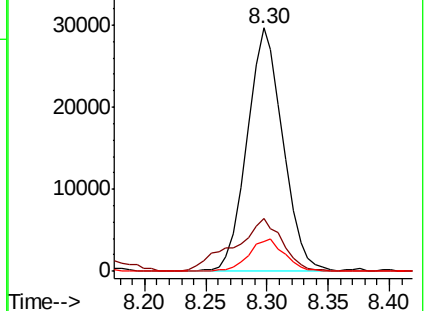
87 13.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY002015.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY002015.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY002015.D (-1076) (-)



#44

Trichloroethene

Concen: 20.969 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002015.D

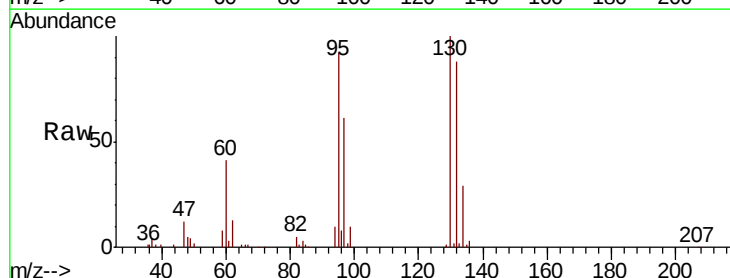
Acq: 19 Mar 2020 12:52

Tgt Ion:130 Resp: 40697

Ion Ratio Lower Upper

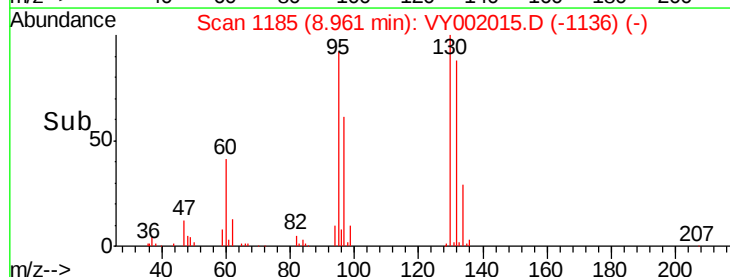
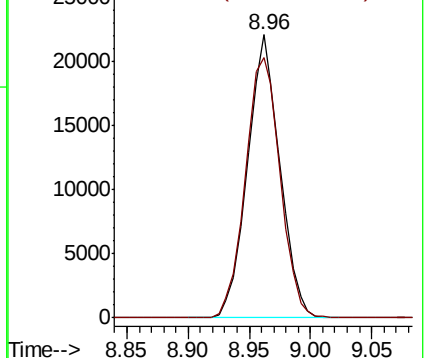
130 100

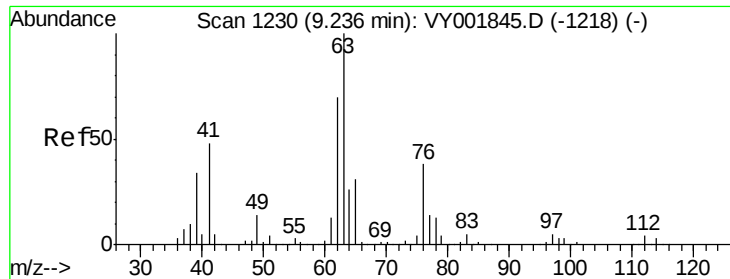
95 91.8 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY002015.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY002015.D (-1185) (-)

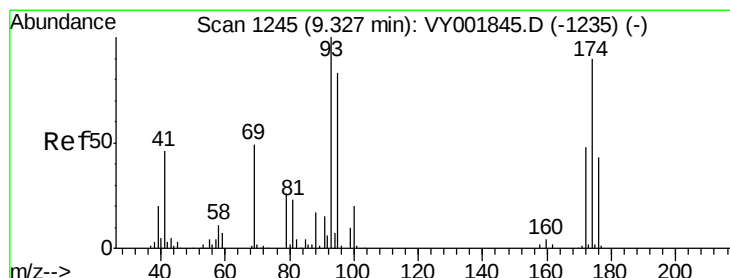
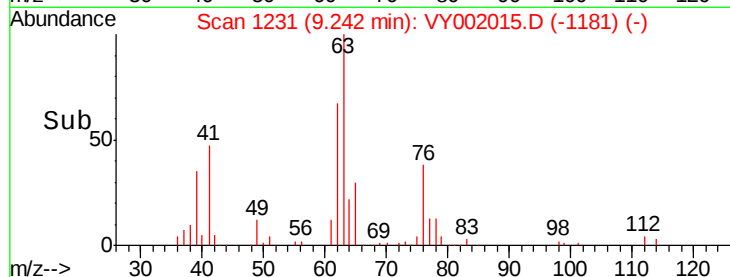
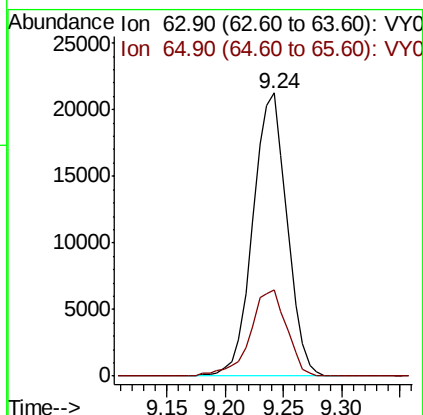
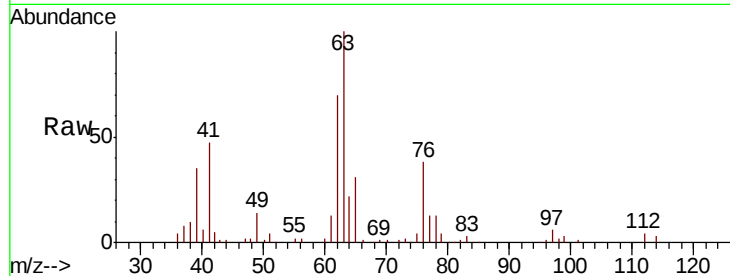




#45
1,2-Dichloropropane
Concen: 21.571 ug/l
RT: 9.24 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

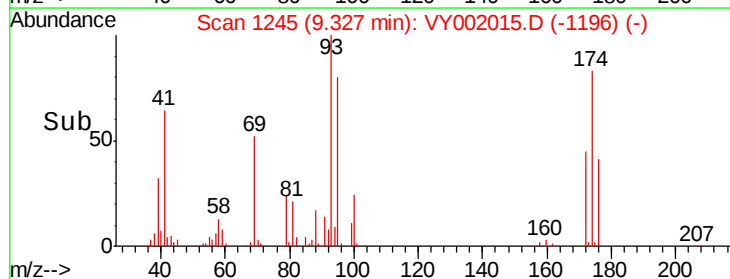
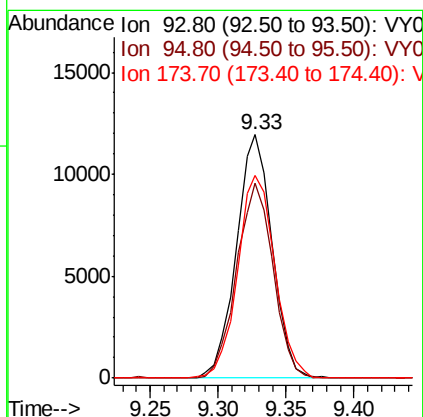
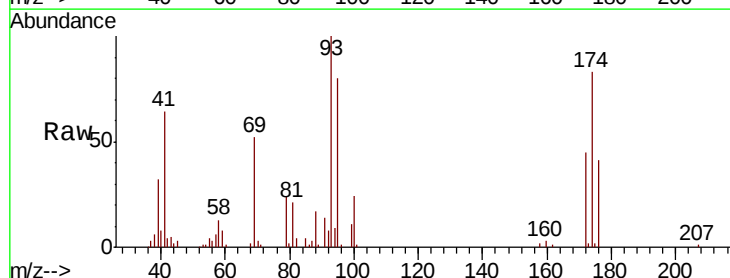
Instrument :
MSVOA_Y
ClientSampled :

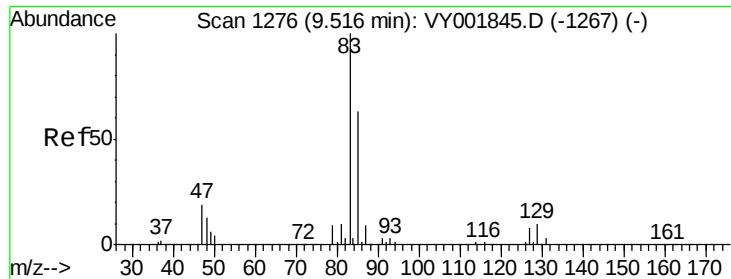
Tot Ion: 63 Resp: 43212
Ion Ratio Lower Upper
63 100
65 30.6 24.9 37.3



#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 :

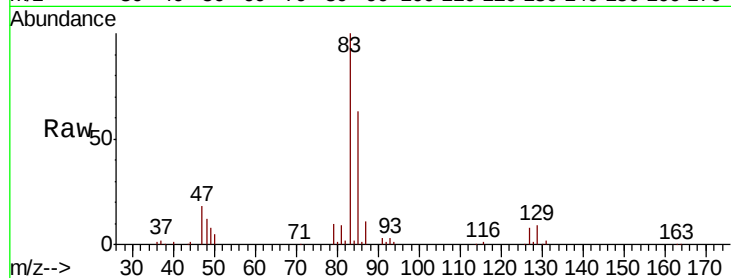
Tot Ion: 83 Resp: 50863

Ion Ratio Lower Upper

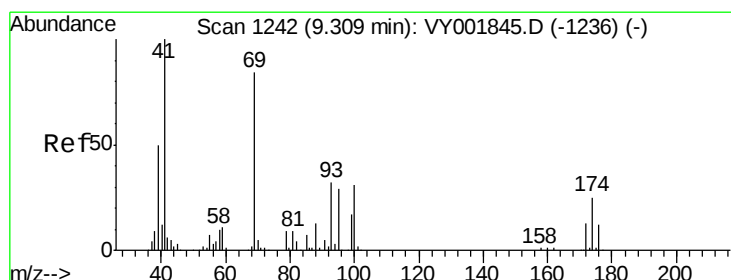
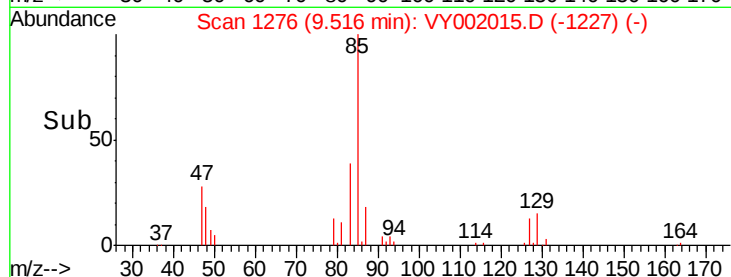
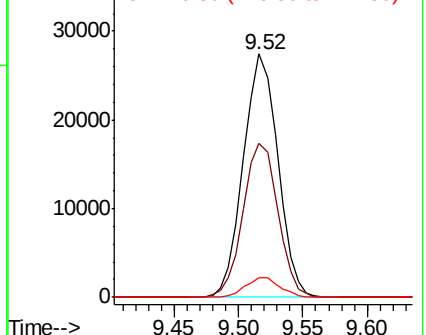
83 100

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

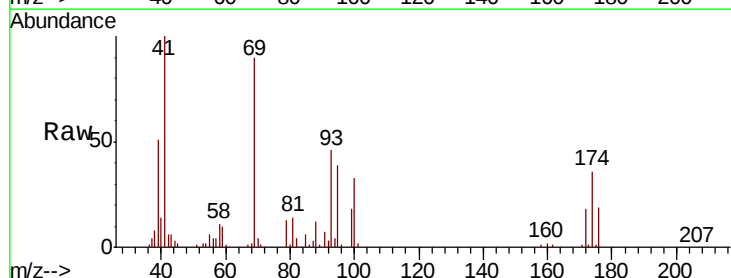
Tgt Ion: 41 Resp: 26944

Ion Ratio Lower Upper

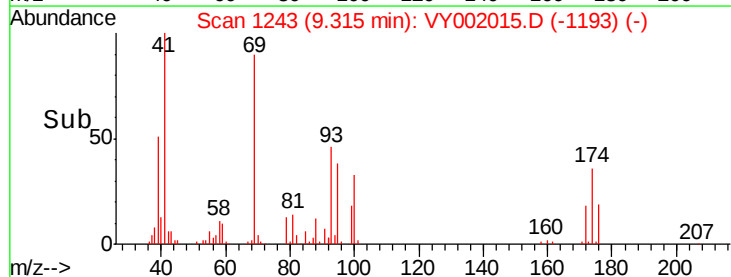
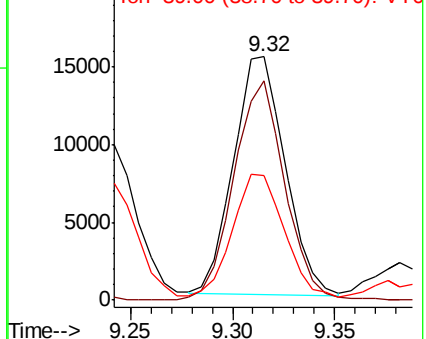
41 100

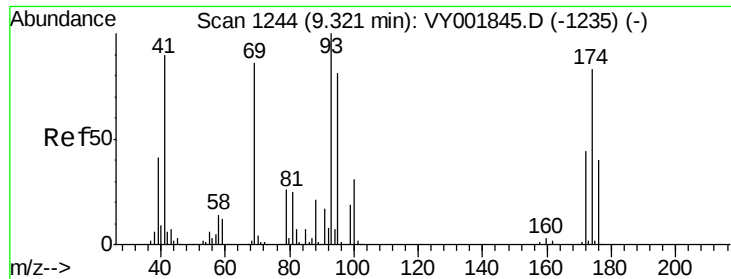
69 91.1 69.0 103.6

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

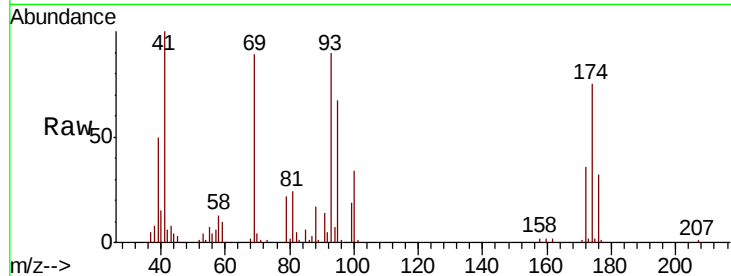




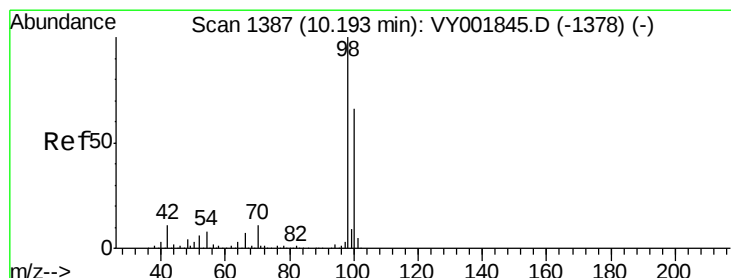
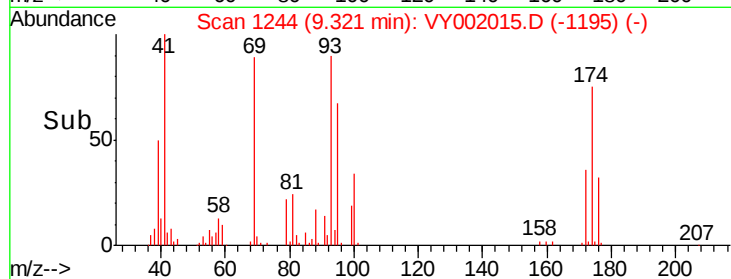
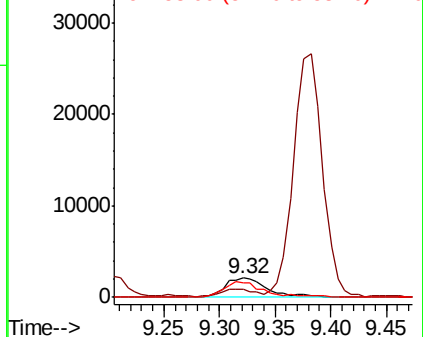
#49
1,4-Dioxane
Concen: 405.644 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :

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

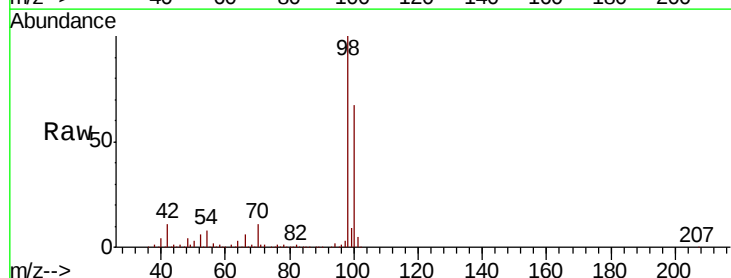


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

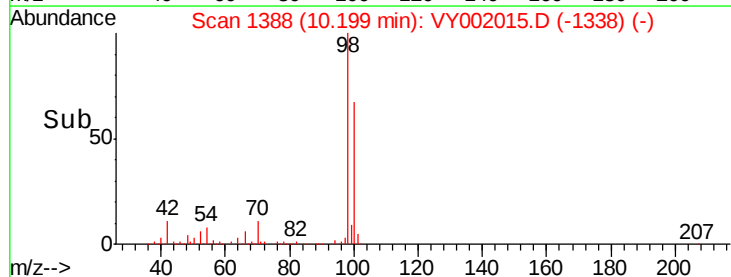
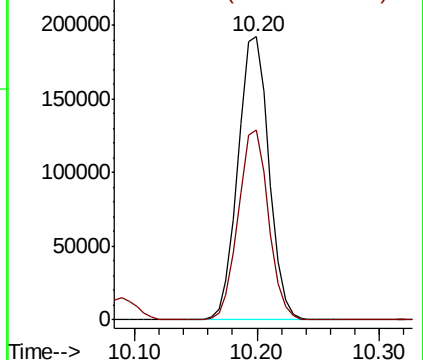


#50
Toluene-d8
Concen: 52.478 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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



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





#51

4-Methyl-2-Pentanone

Concen: 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

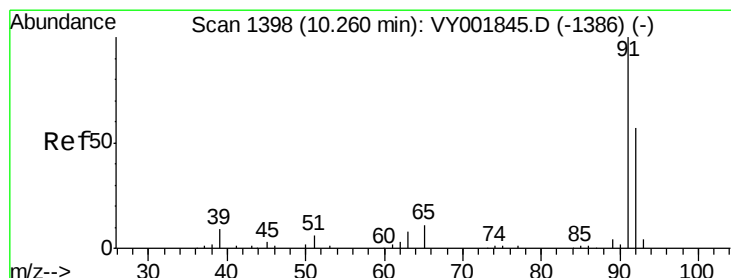
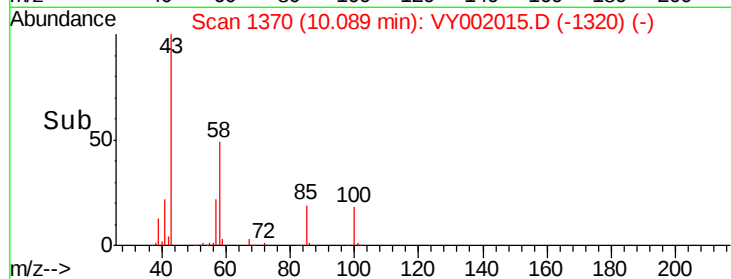
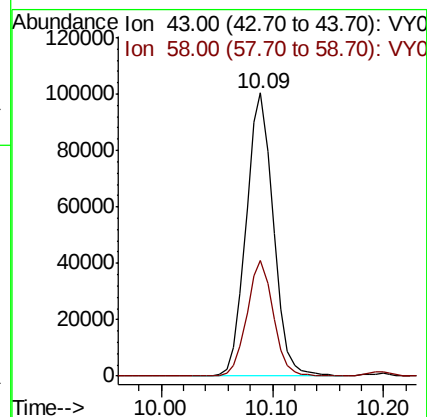
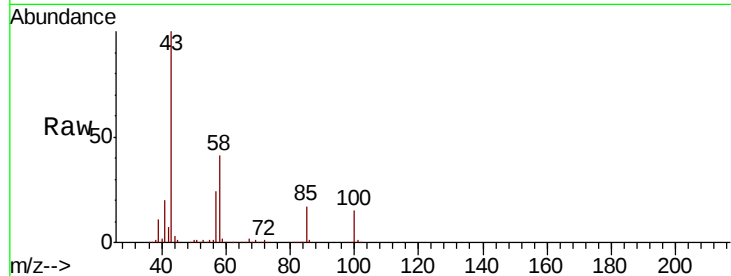
ClientSampled :

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

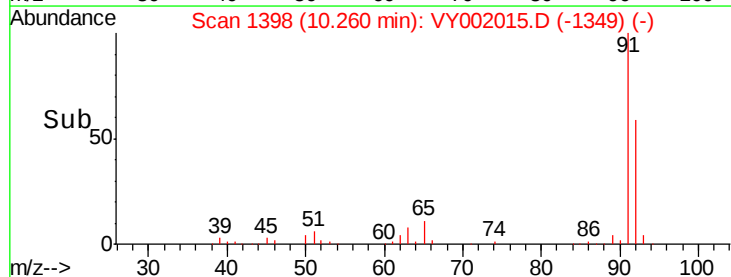
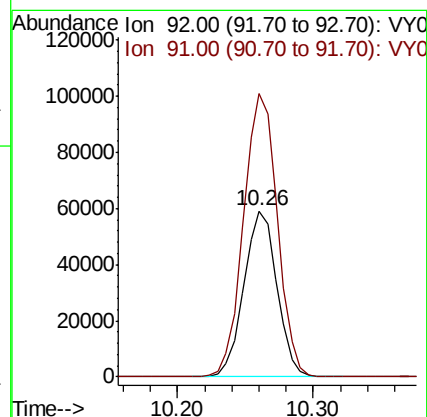
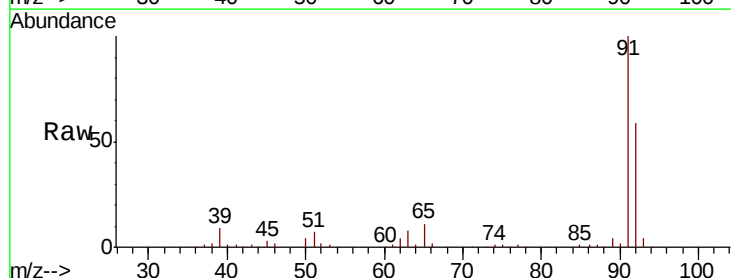
Acq: 19 Mar 2020 12:52

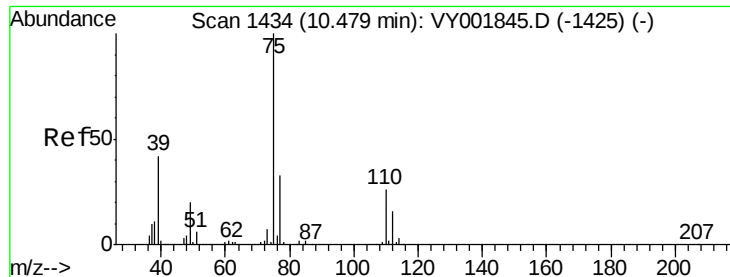
Tgt Ion: 92 Resp: 100149

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

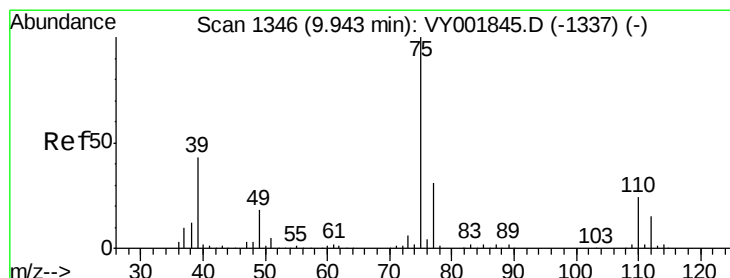
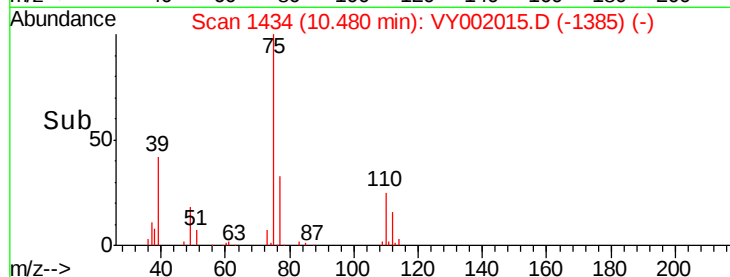
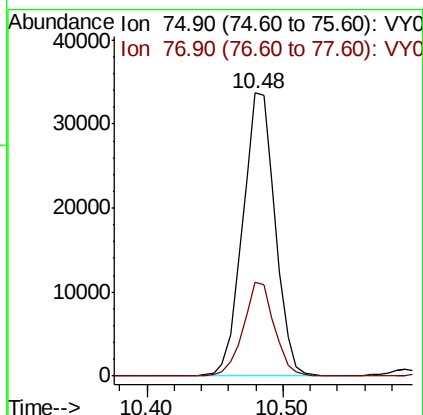
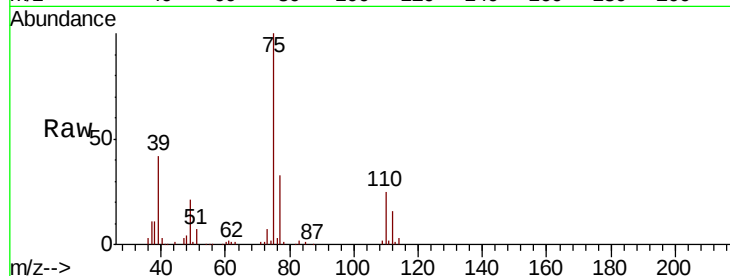
ClientSampleId :

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

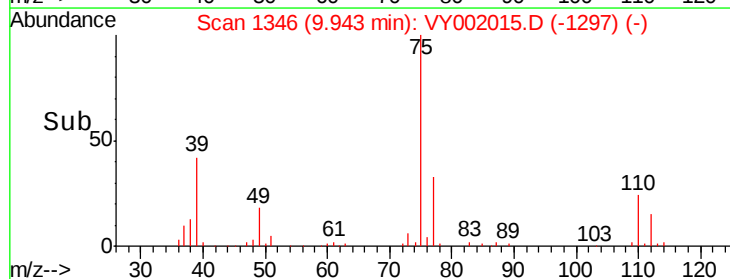
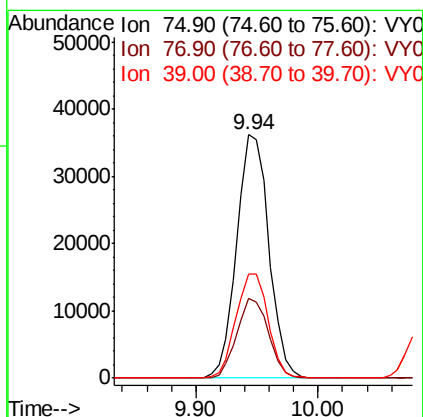
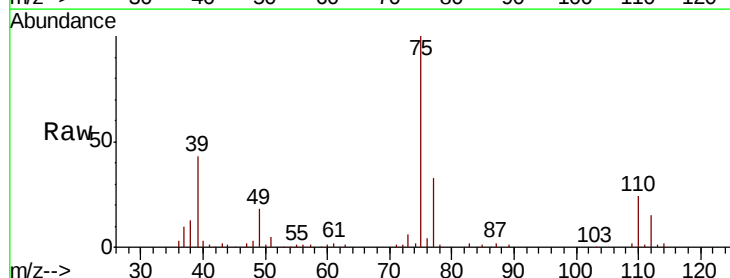
Tgt Ion: 75 Resp: 65957

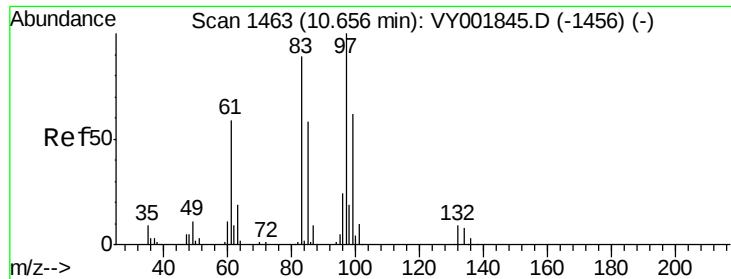
Ion Ratio Lower Upper

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 :

Tot Ion: 97 Resp: 32450

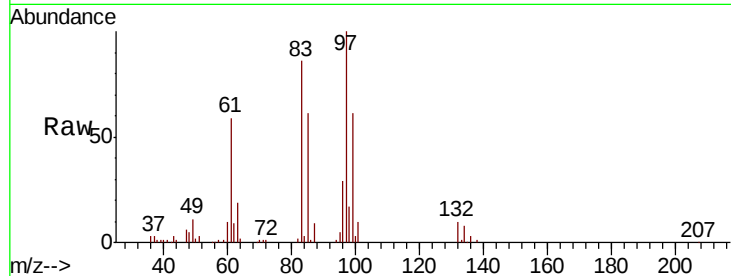
Ion Ratio Lower Upper

97 100

83 85.9 71.6 107.4

85 60.2 46.6 69.8

99 61.2 49.8 74.6



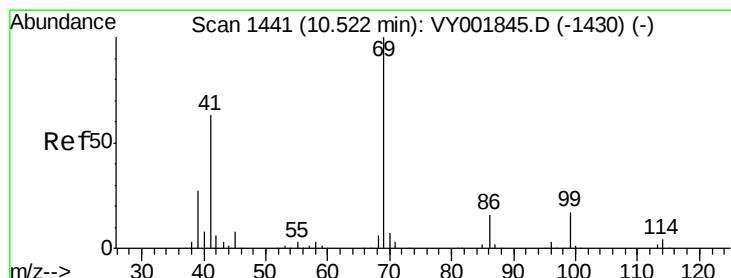
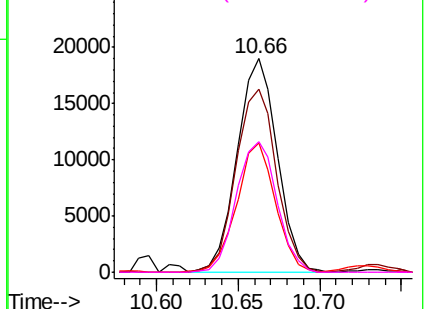
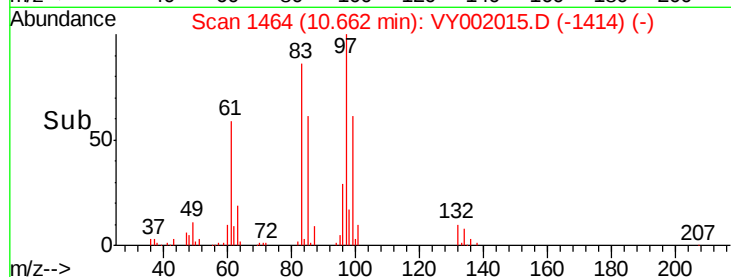
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.896 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY002015.D

Acq: 19 Mar 2020 12:52

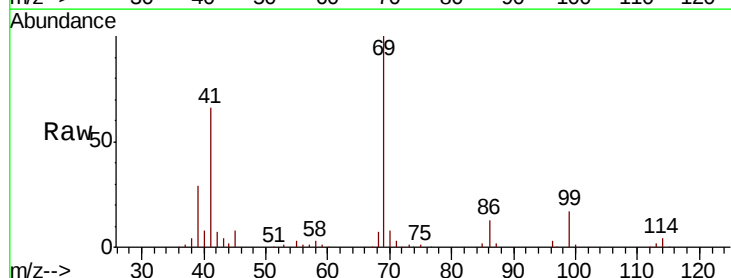
Tgt Ion: 69 Resp: 46274

Ion Ratio Lower Upper

69 100

41 65.2 49.9 74.9

39 30.8 23.0 34.6

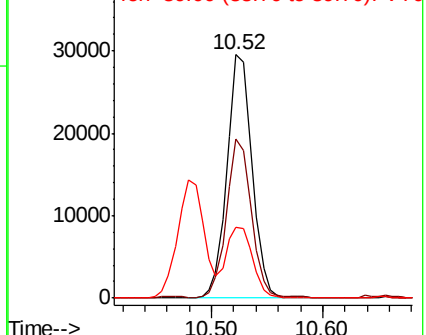
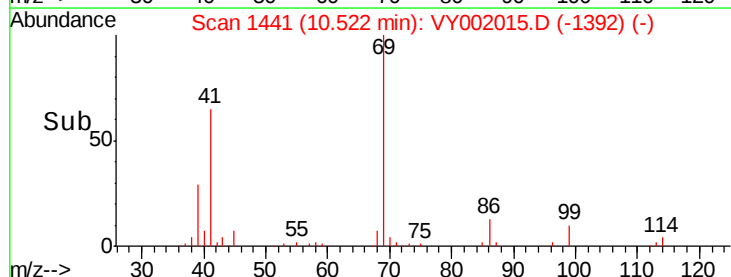


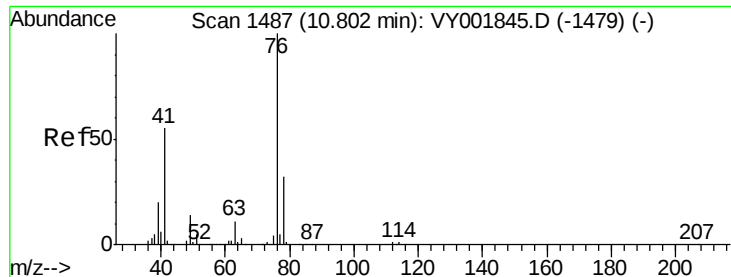
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.282 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

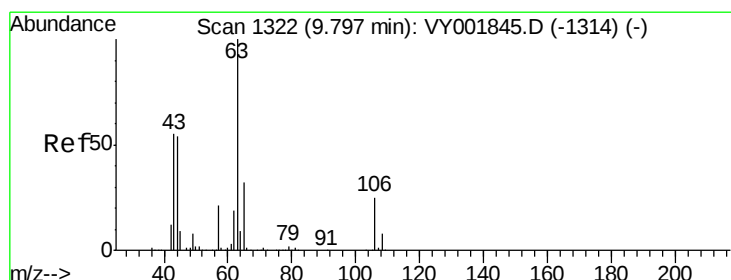
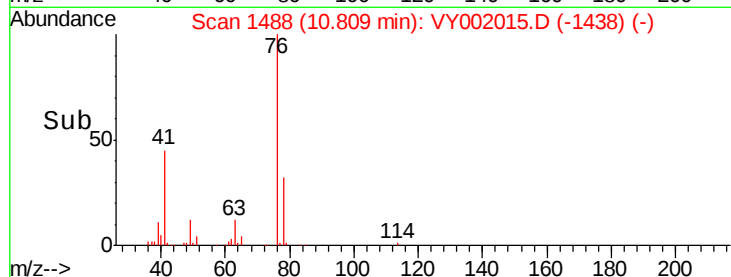
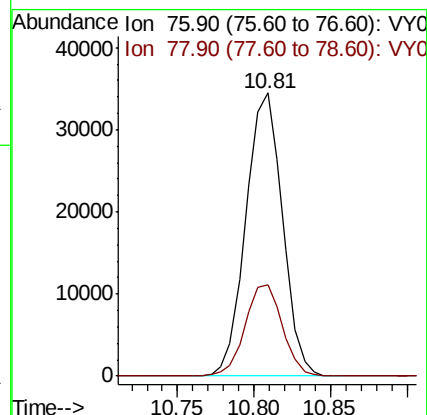
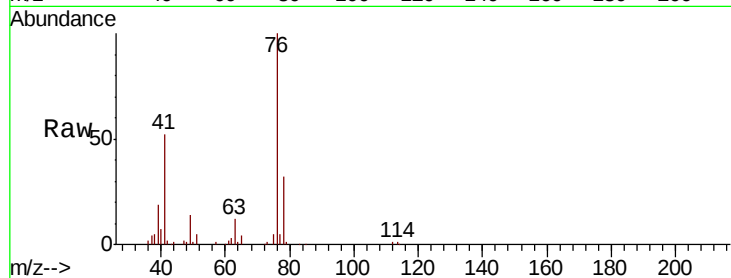
ClientSampleId :

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

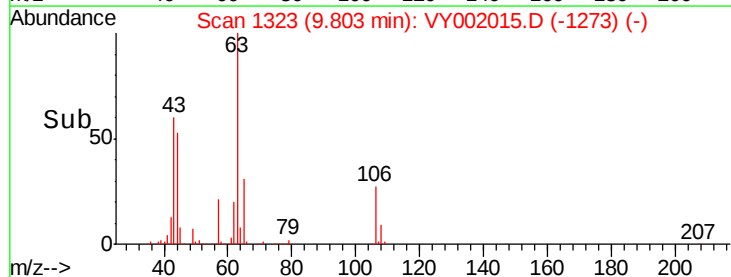
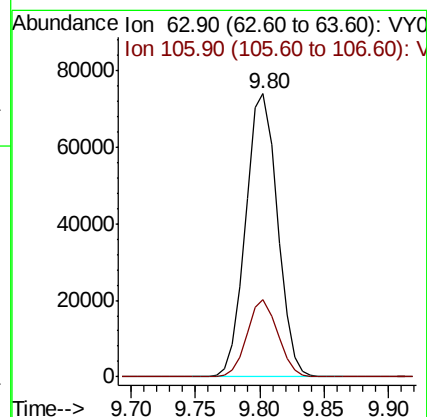
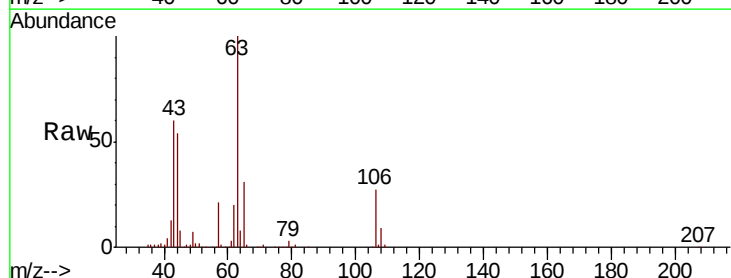
Acq: 19 Mar 2020 12:52

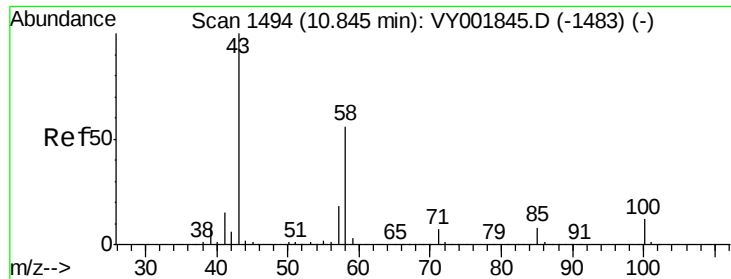
Tgt Ion: 63 Resp: 125974

Ion Ratio Lower Upper

63 100

106 26.2 21.3 31.9

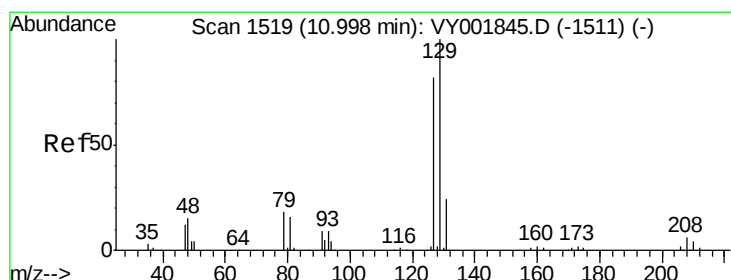
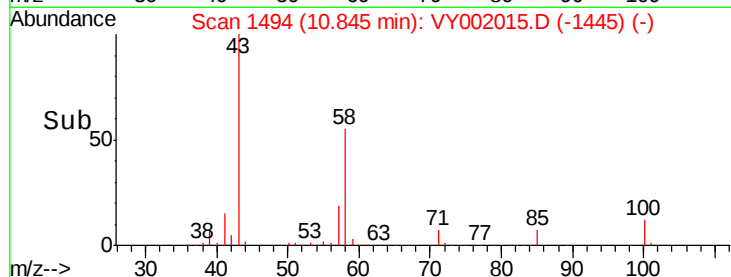
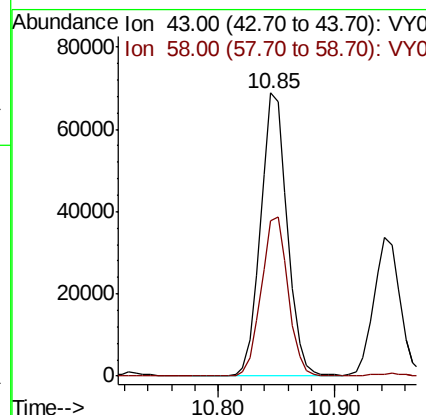
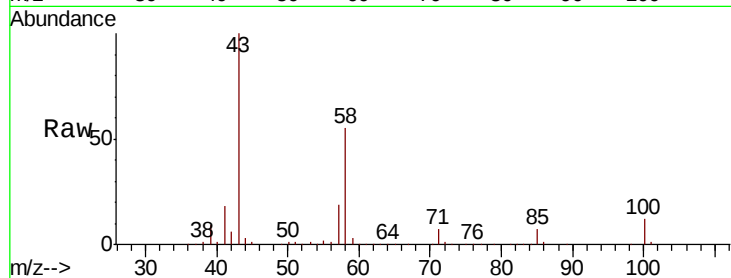




#59
2-Hexanone
Concen: 100.828 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

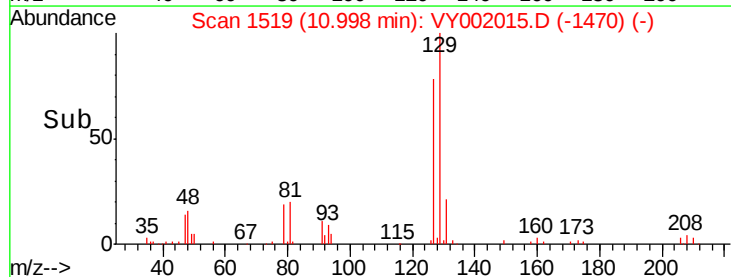
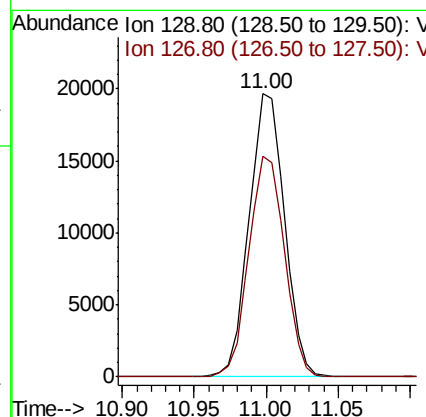
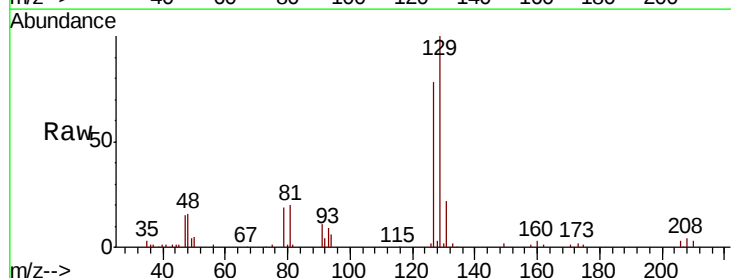
Instrument :
MSVOA_Y
ClientSampleId :

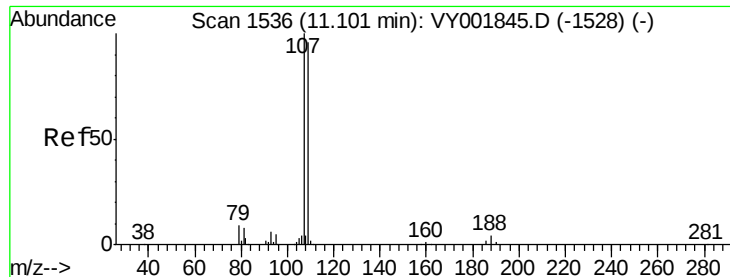
Tot Ion: 43 Resp: 109663
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#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

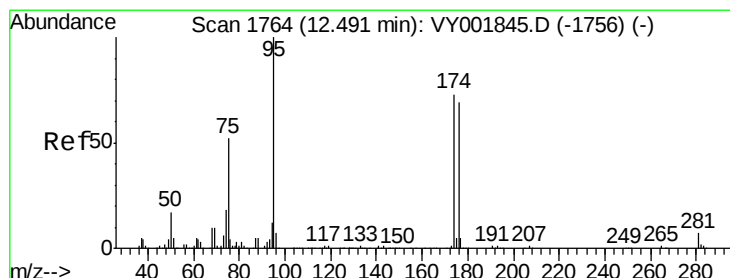
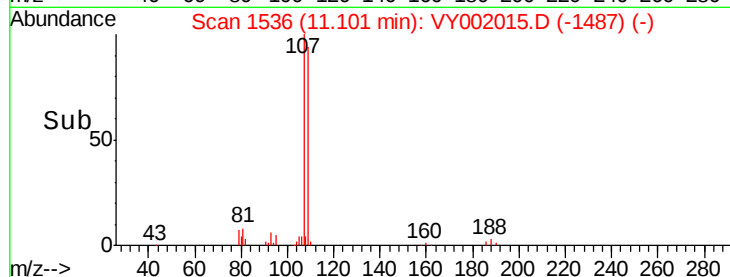
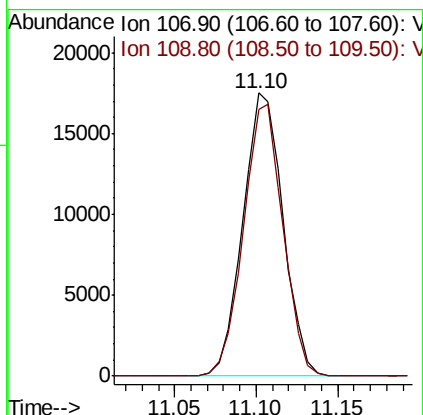
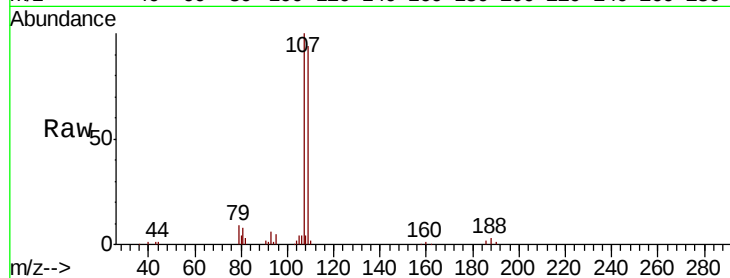




#61
 1,2-Dibromoethane
 Concen: 20.953 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

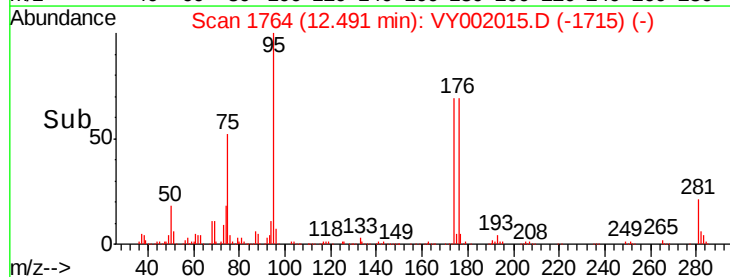
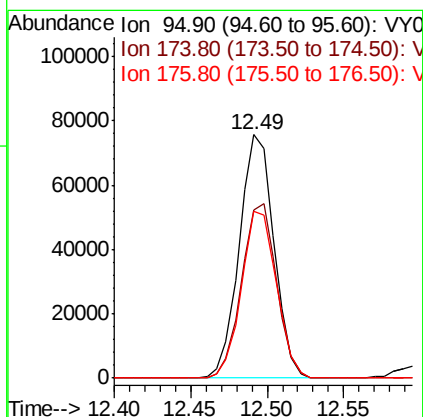
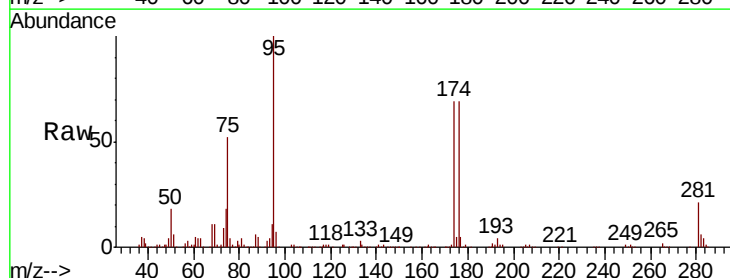
Instrument :
 MSVOA_Y
 ClientSampleId :

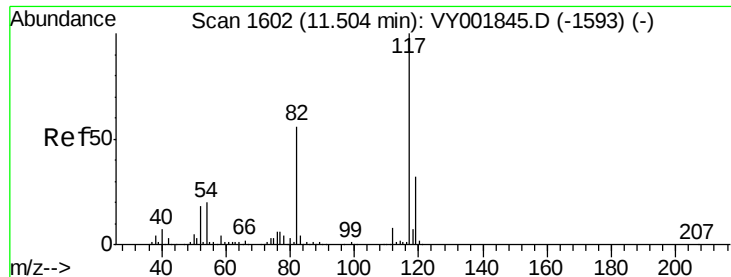
Tot Ion: 107 Resp: 29986
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#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

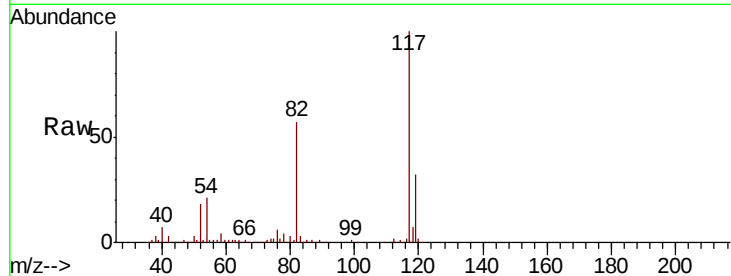




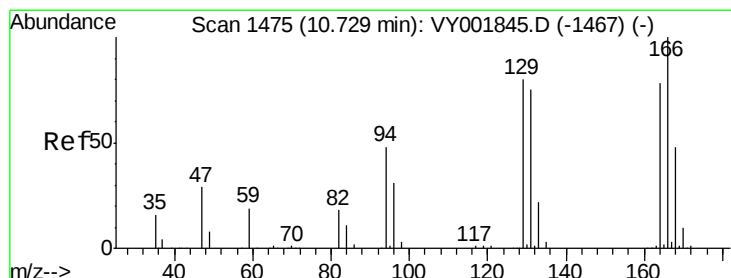
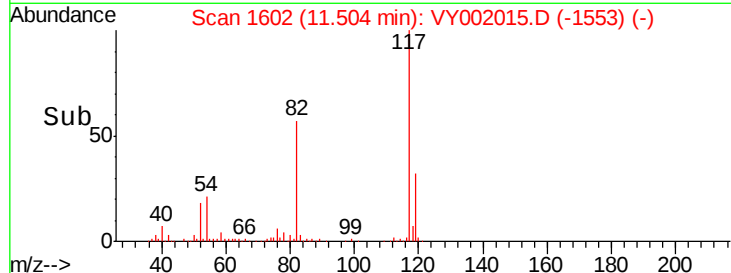
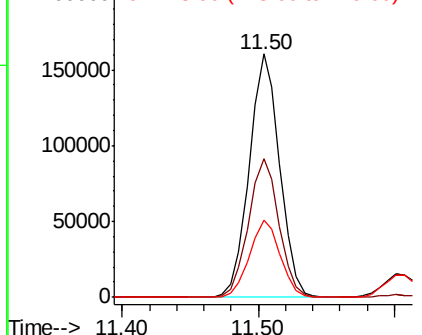
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :

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

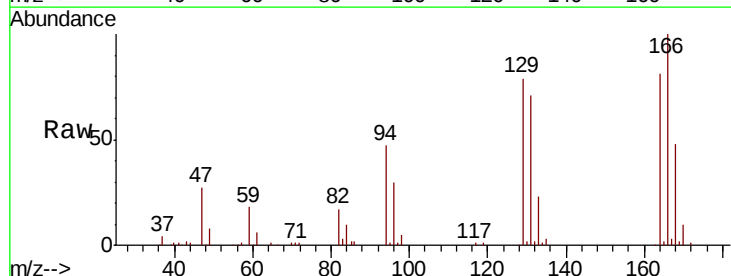


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

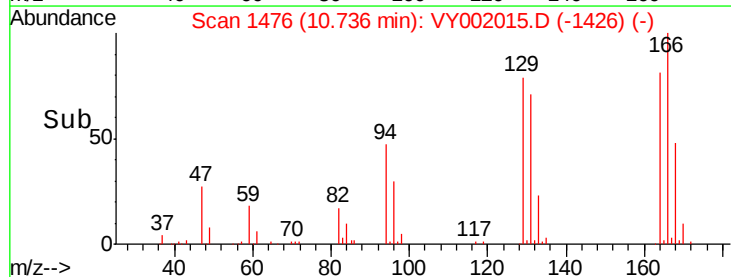
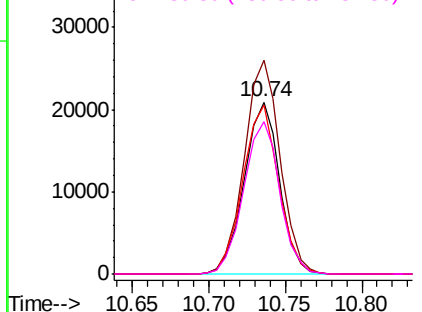


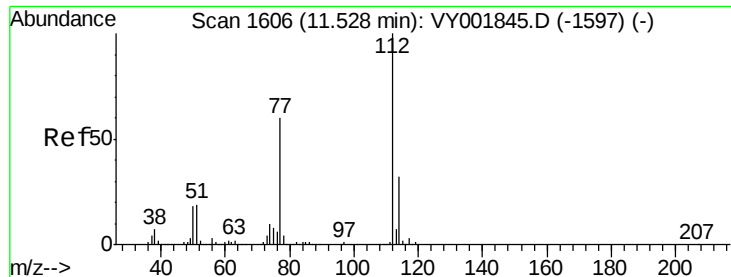
#64
Tetrachloroethene
Concen: 21.229 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

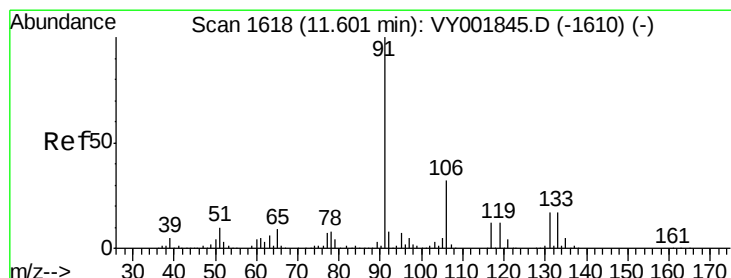
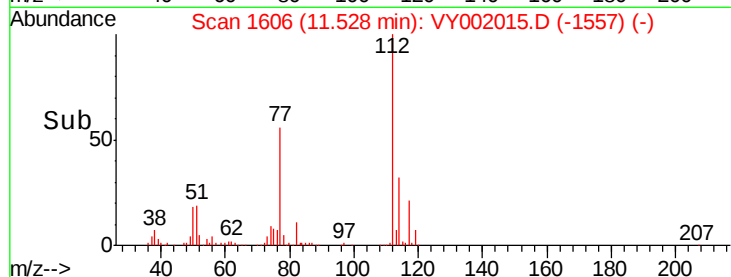
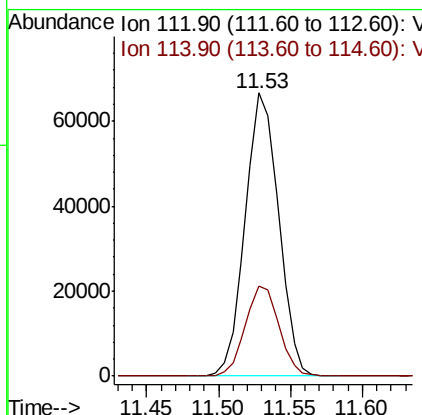
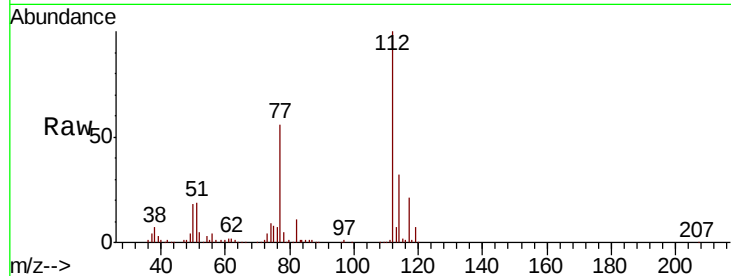




#65
Chlorobenzene
Concen: 21.394 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

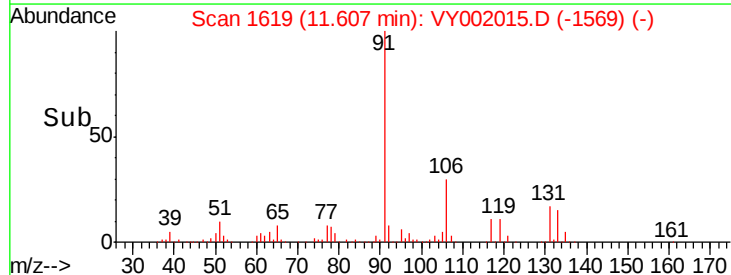
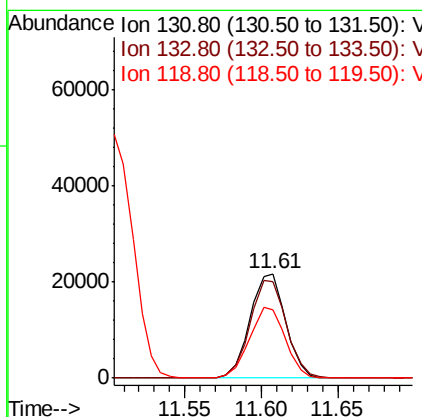
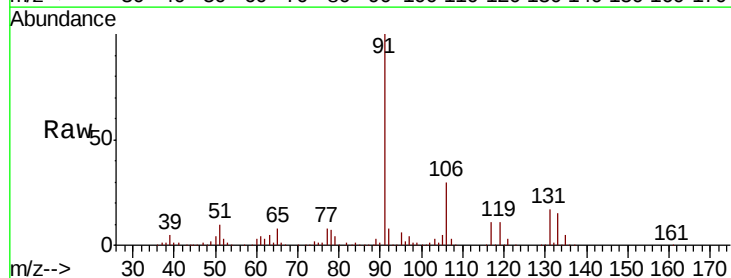
Instrument :
MSVOA_Y
ClientSampleId :

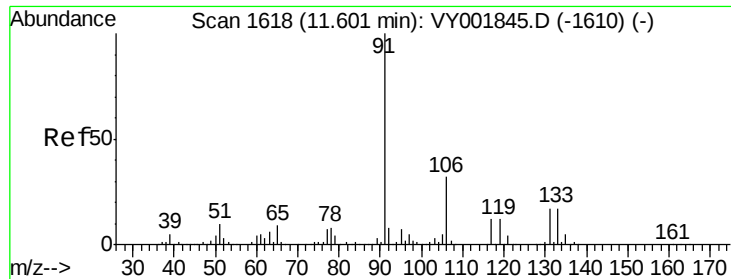
Tot Ion:112 Resp: 107141
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#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

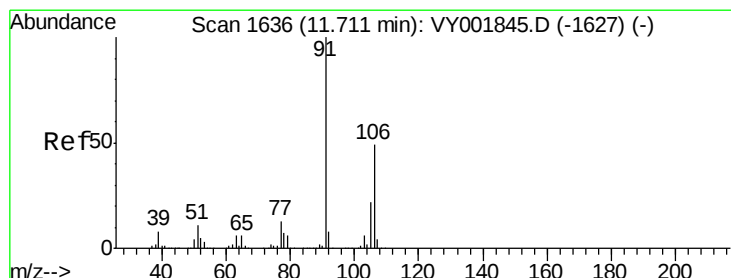
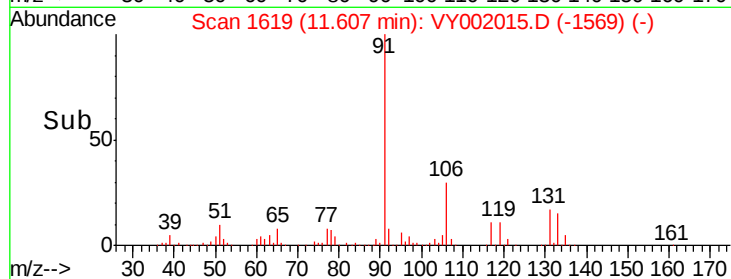
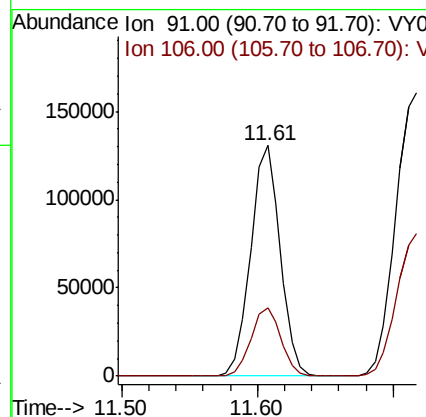
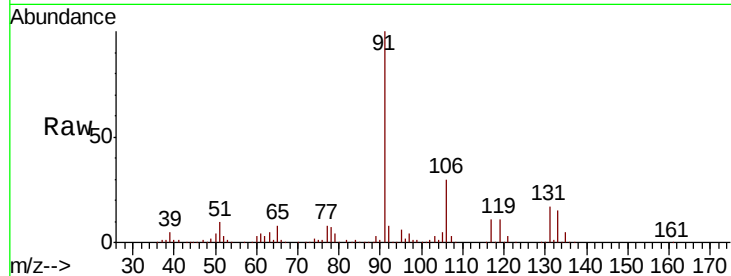




#67
Ethyl Benzene
Concen: 21.228 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

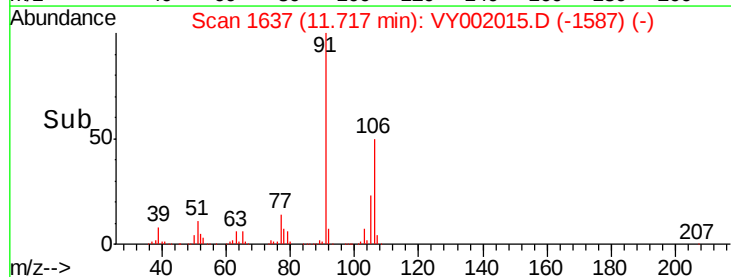
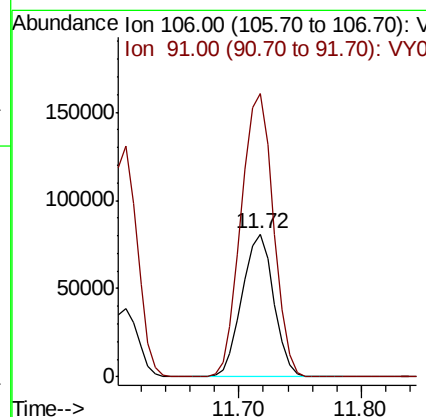
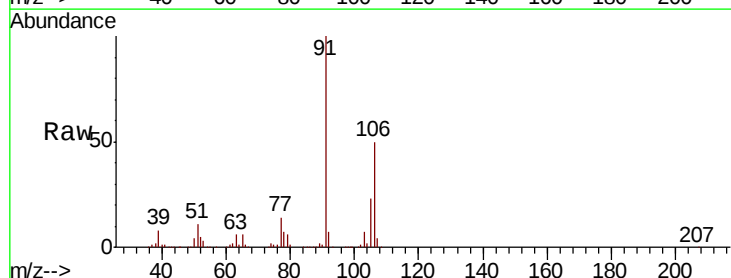
Instrument :
MSVOA_Y
ClientSampled :

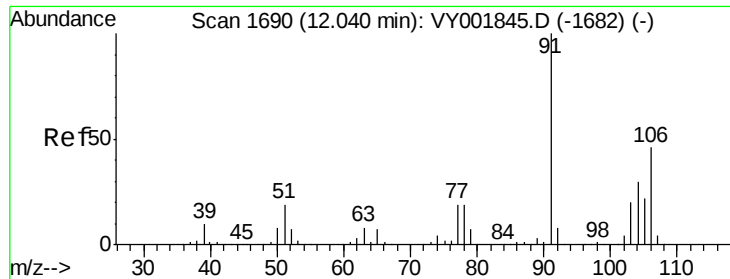
Tot Ion: 91 Resp: 198274
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2



#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

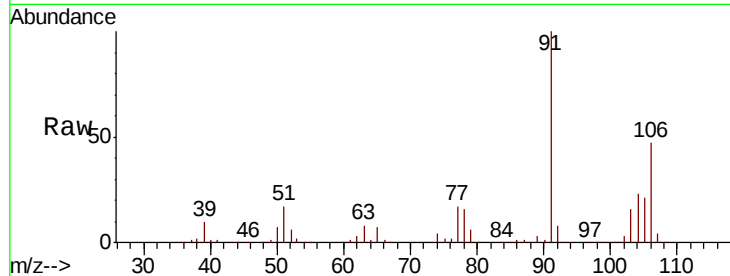




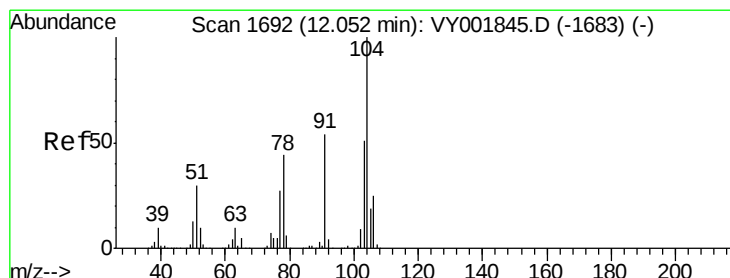
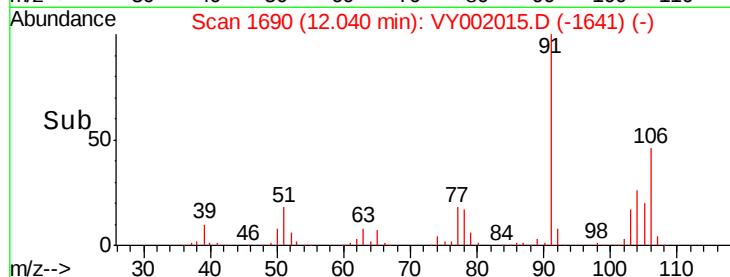
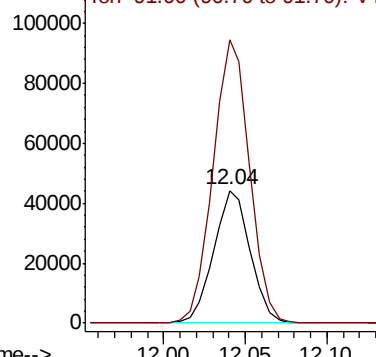
#69
o-Xylene
Concen: 21.037 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :

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

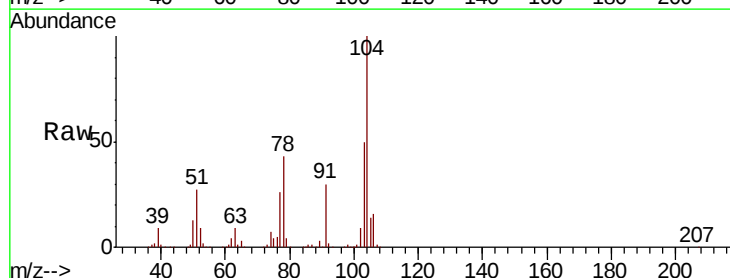


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

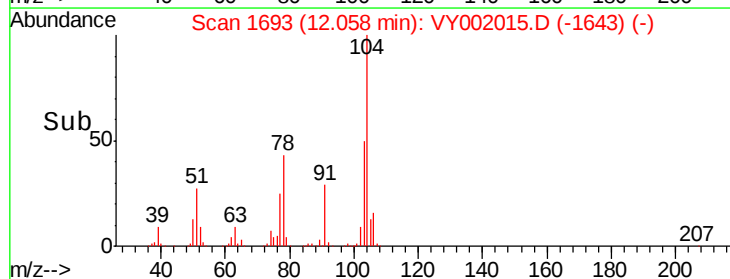
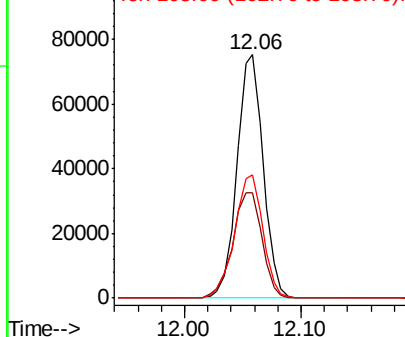


#70
Styrene
Concen: 21.206 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

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

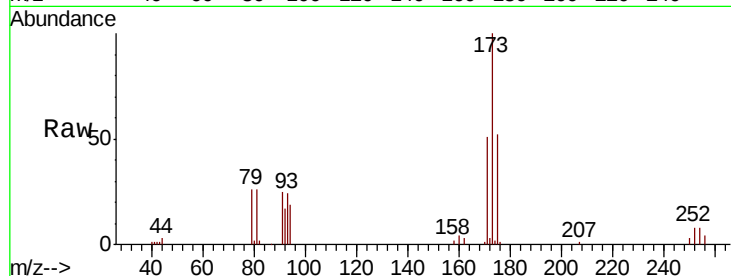




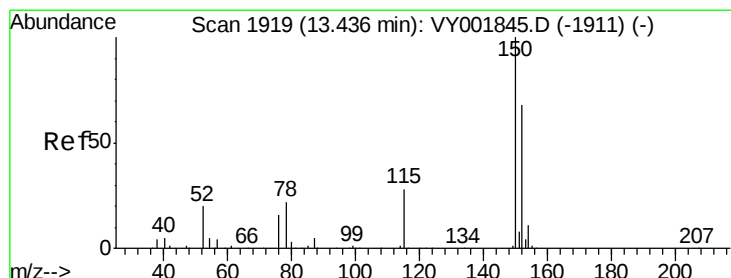
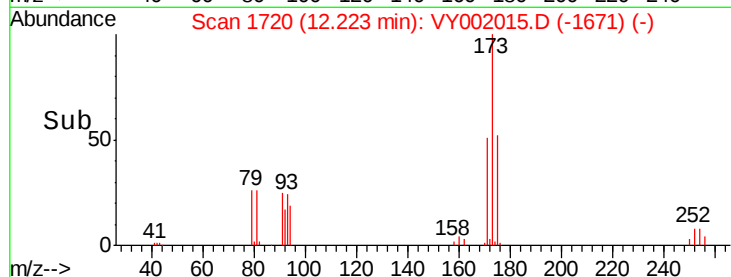
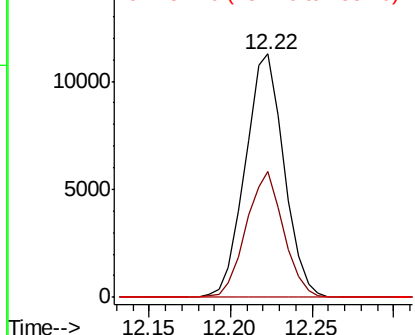
#71
Bromoform
Concen: 20.858 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Instrument :
MSVOA_Y
ClientSampled :

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

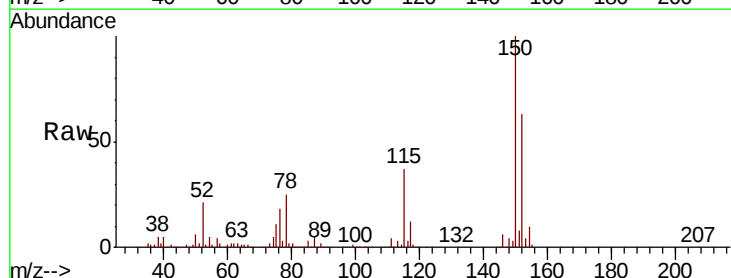


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

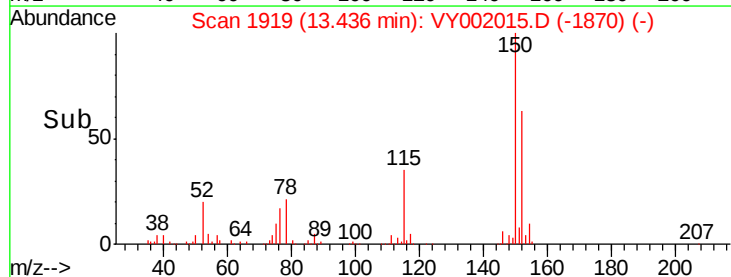
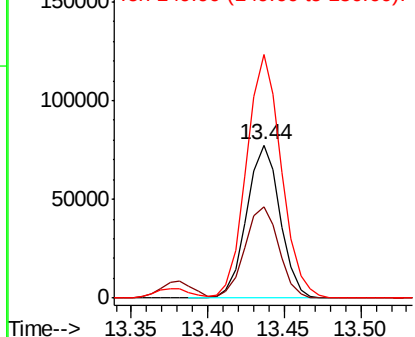


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

Tgt Ion	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

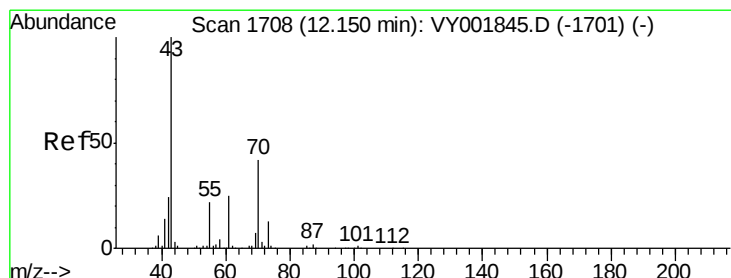
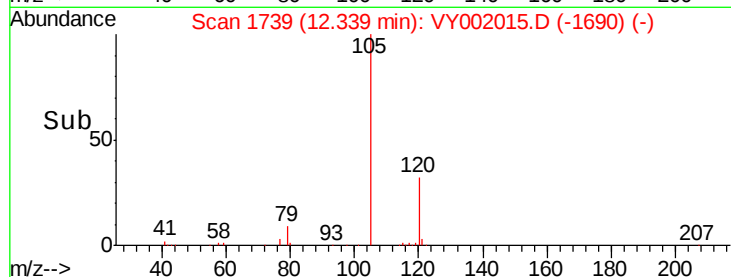
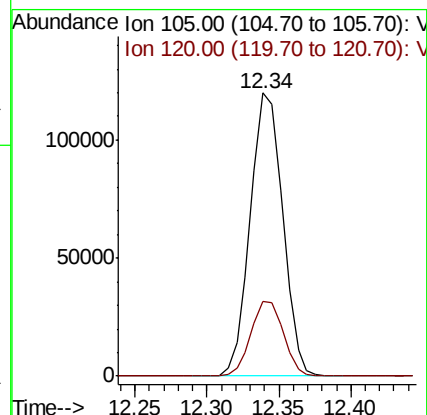
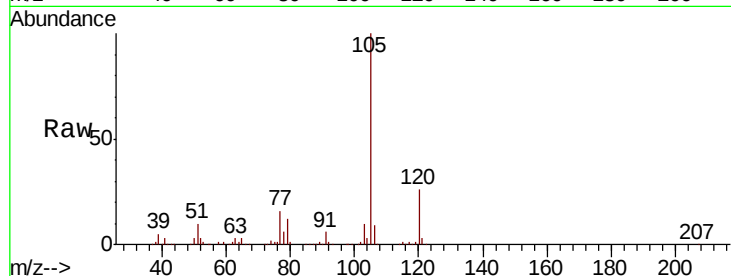
ClientSampleId :

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

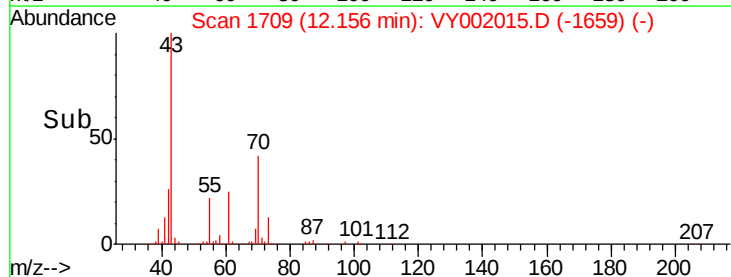
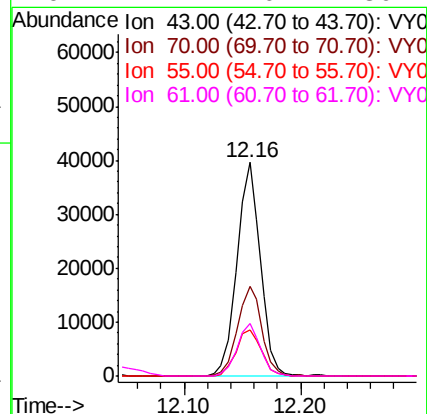
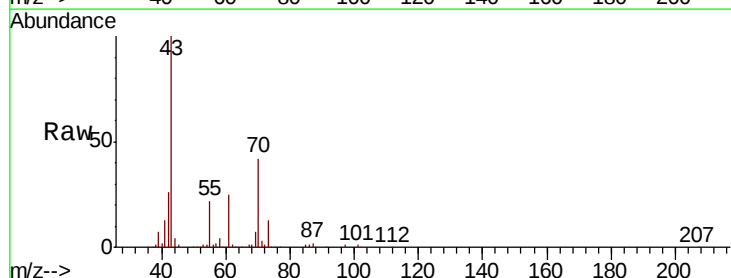
Ion Ratio Lower Upper

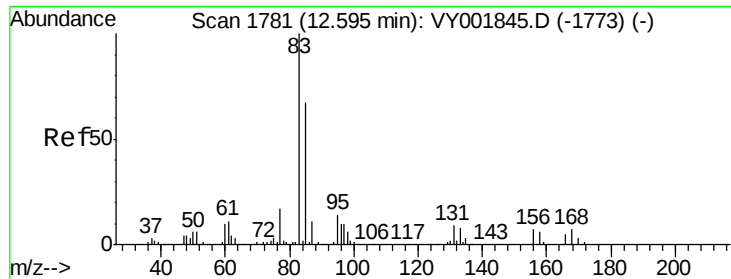
43 100

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 :

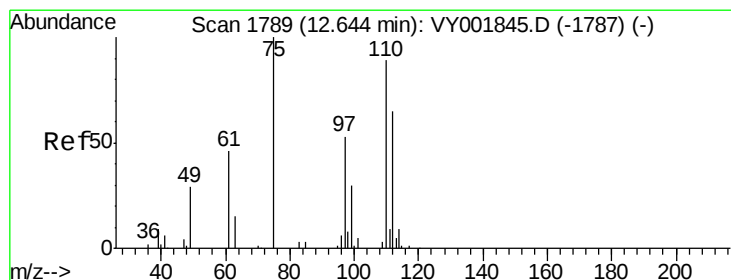
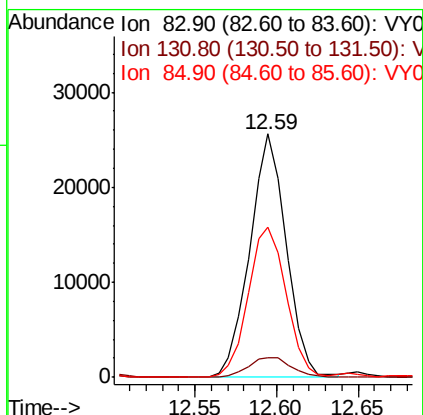
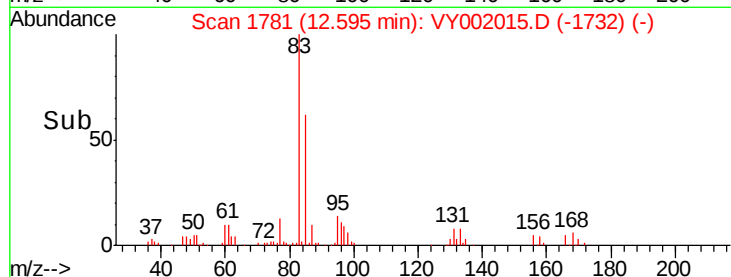
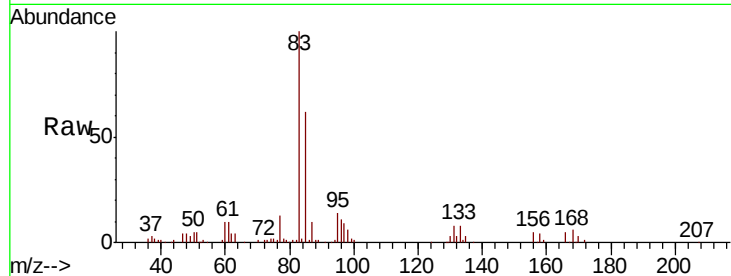
Tot Ion: 83 Resp: 39945

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

85 64.2 32.1 96.3



#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

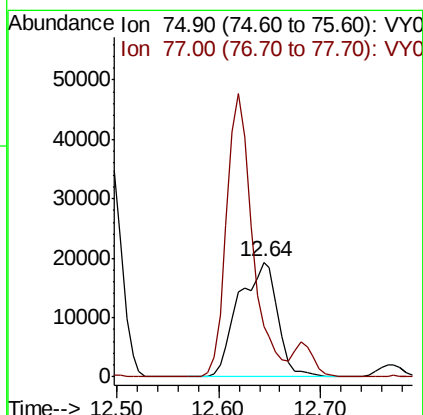
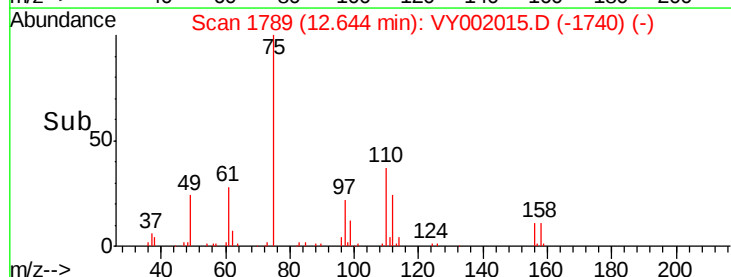
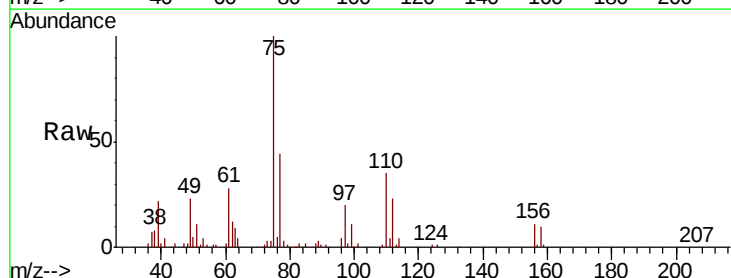
Acq: 19 Mar 2020 12:52

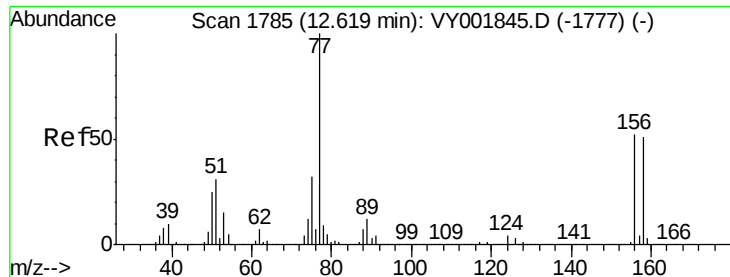
Tgt Ion: 75 Resp: 51597

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#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 :

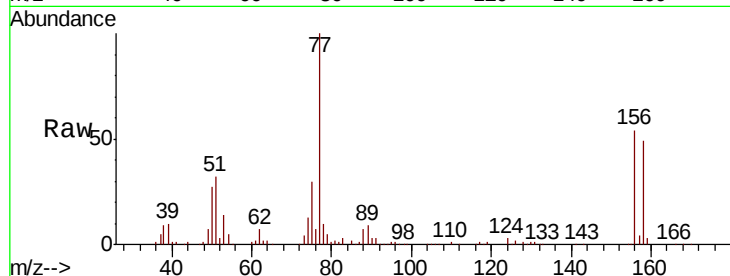
Tot Ion:156 Resp: 40350

Ion Ratio Lower Upper

156 100

77 211.6 109.0 327.0

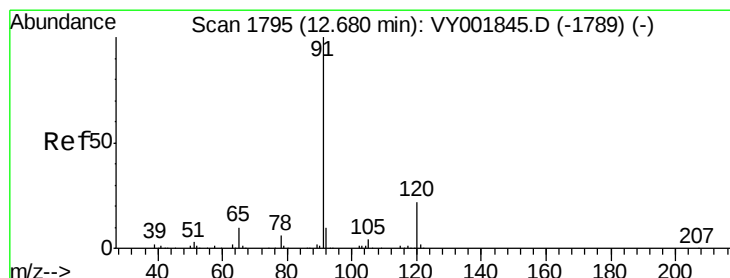
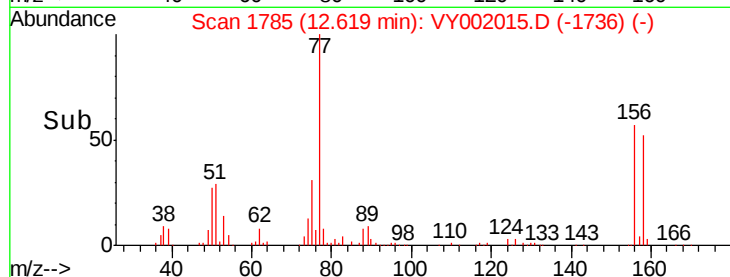
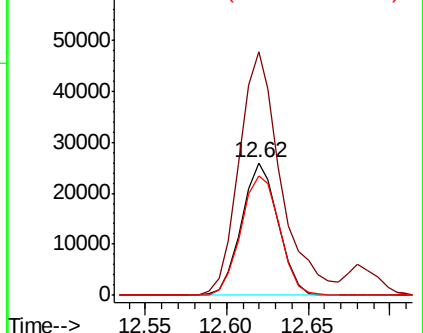
158 95.4 48.9 146.8



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

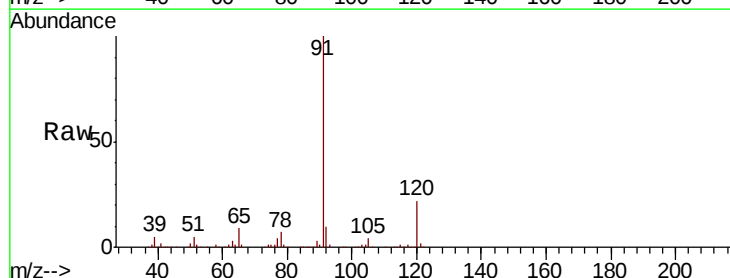
Acq: 19 Mar 2020 12:52

Tgt Ion: 91 Resp: 231547

Ion Ratio Lower Upper

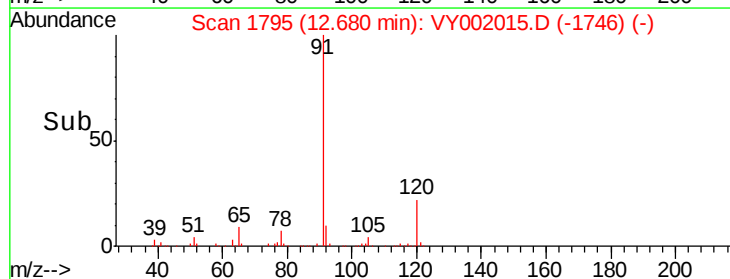
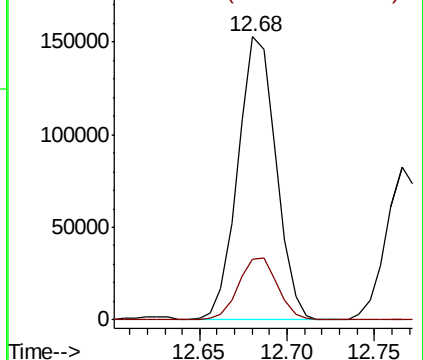
91 100

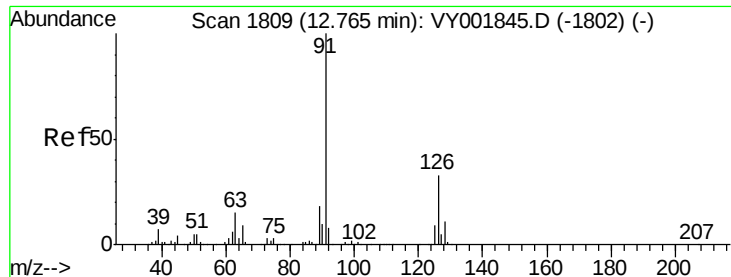
120 22.3 11.0 33.0



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

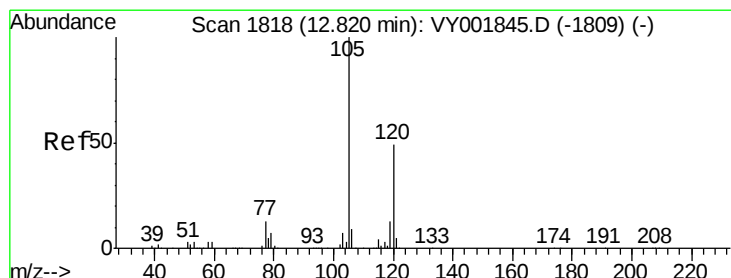
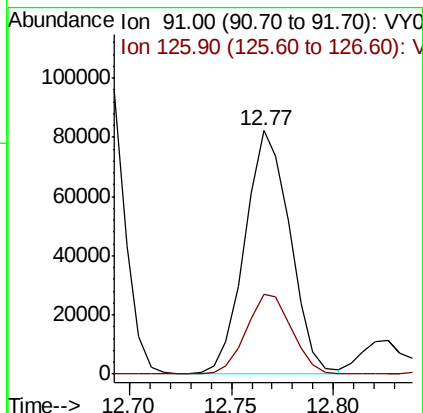
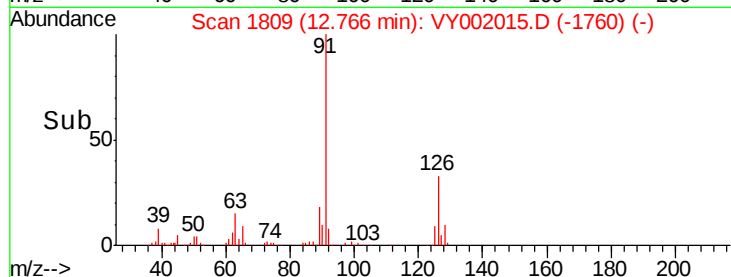
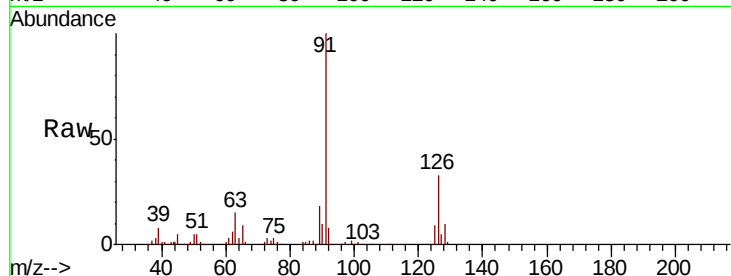
ClientSampled :

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

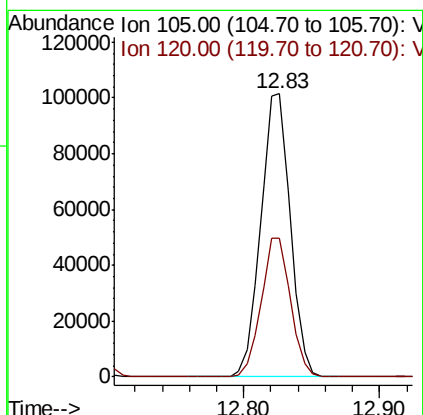
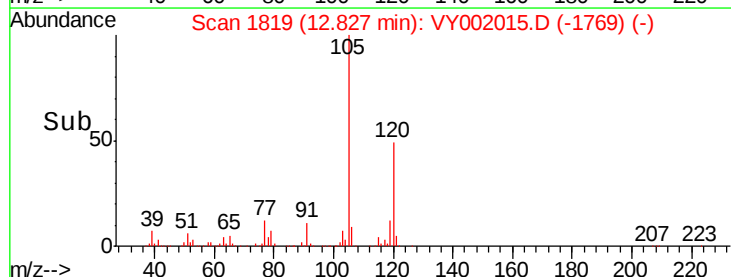
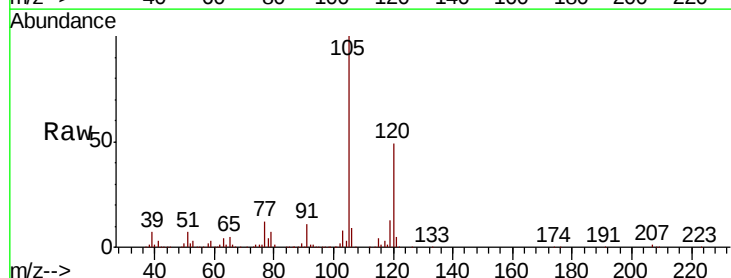
Acq: 19 Mar 2020 12:52

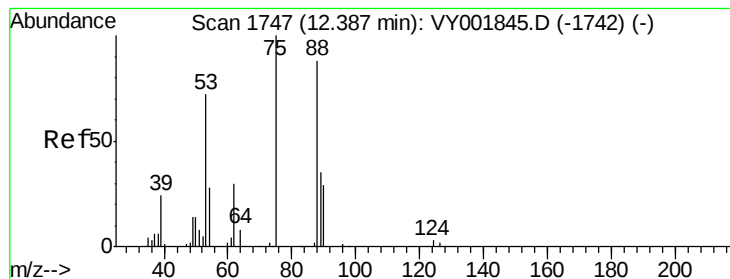
Tgt Ion:105 Resp: 155095

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 :

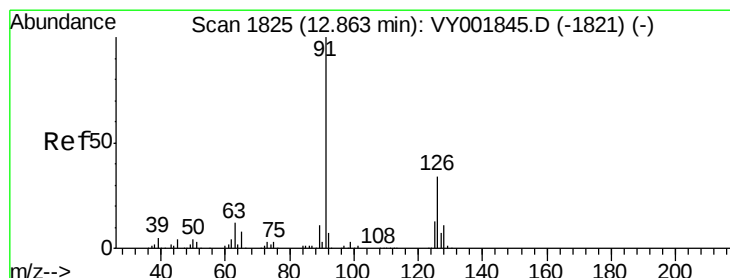
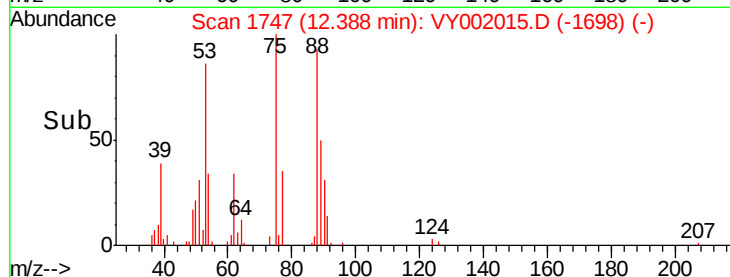
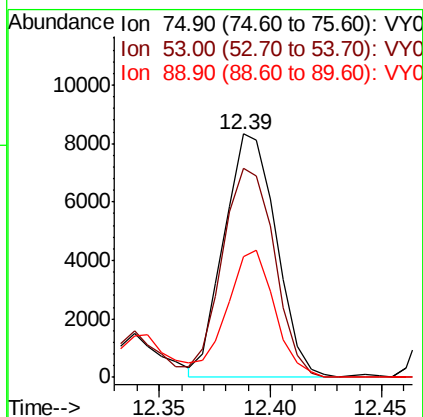
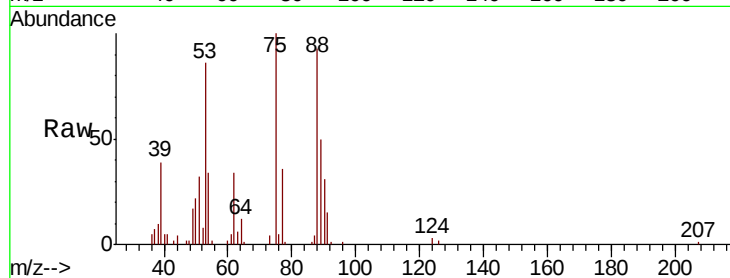
Tot Ion: 75 Resp: 13635

Ion Ratio Lower Upper

75 100

53 86.9 65.4 98.0

89 47.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 21.040 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002015.D

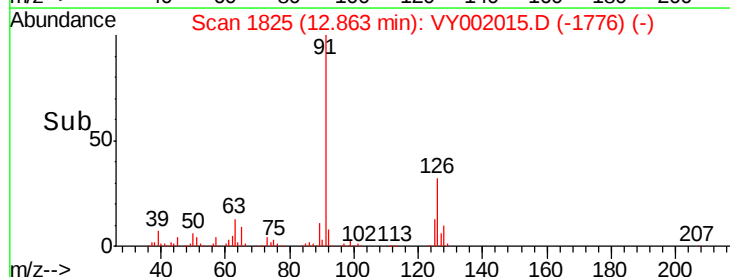
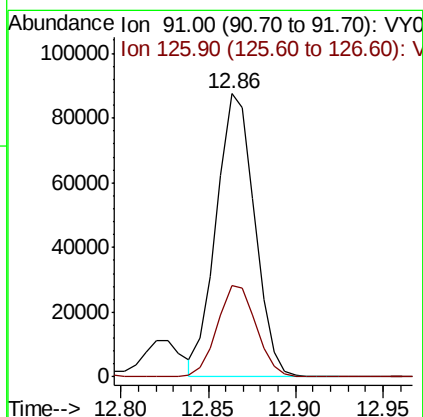
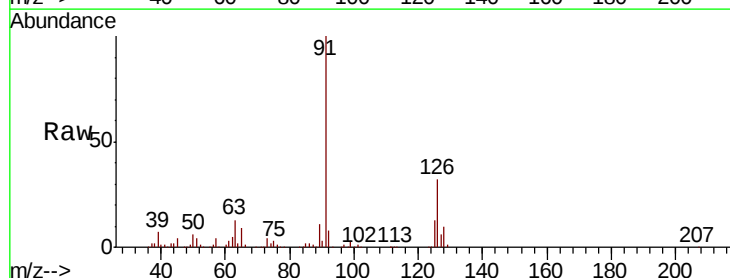
Acq: 19 Mar 2020 12:52

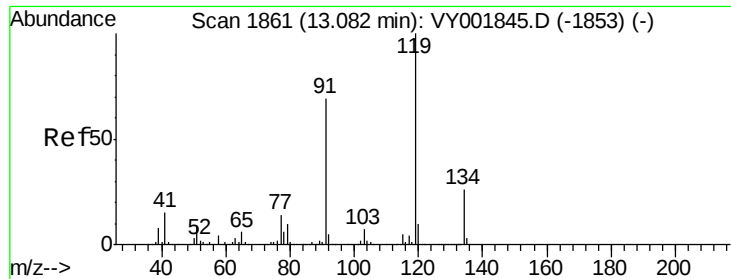
Tgt Ion: 91 Resp: 133762

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2

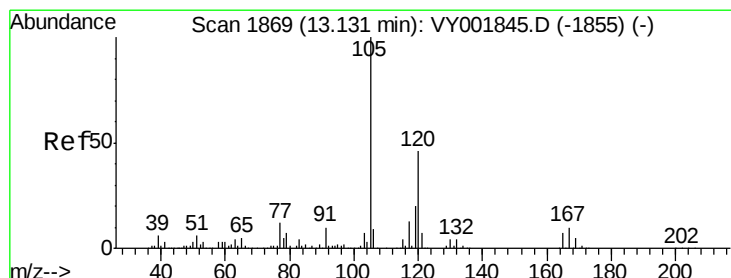
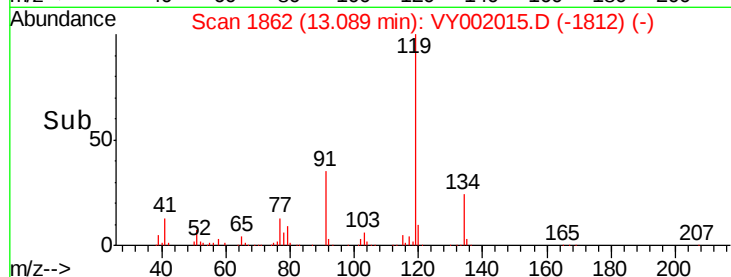
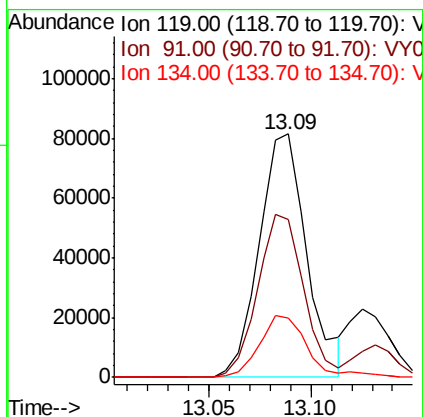
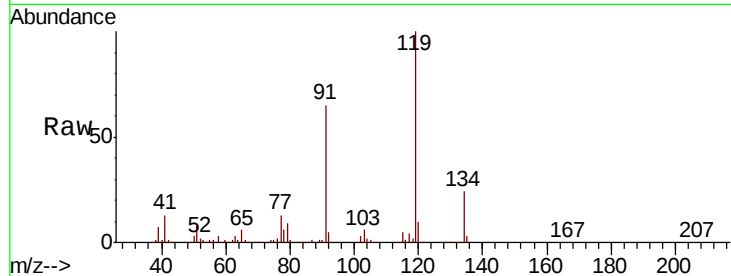




#83
tert-Butylbenzene
Concen: 21.602 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002015.D
Acq: 19 Mar 2020 12:52

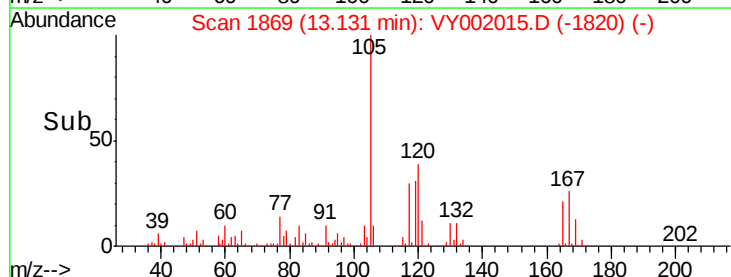
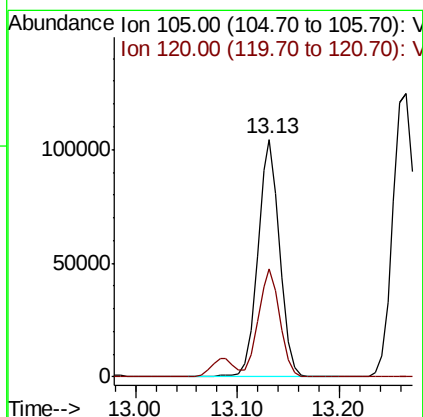
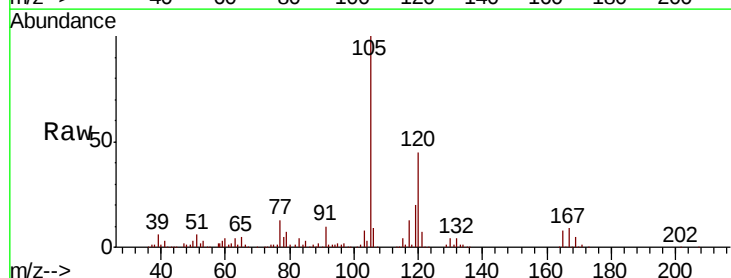
Instrument :
MSVOA_Y
ClientSampled :

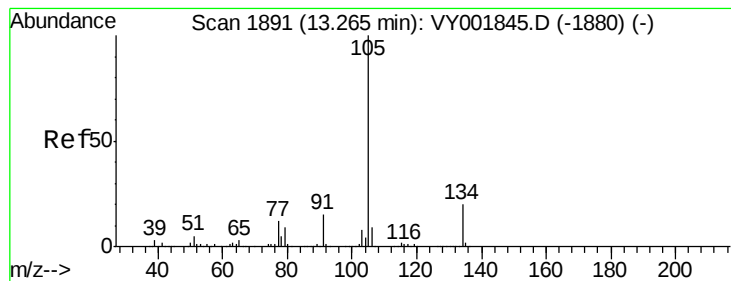
Tot Ion:119 Resp: 132318
Ion Ratio Lower Upper
119 100
91 64.6 34.0 101.8
134 25.9 13.5 40.4



#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

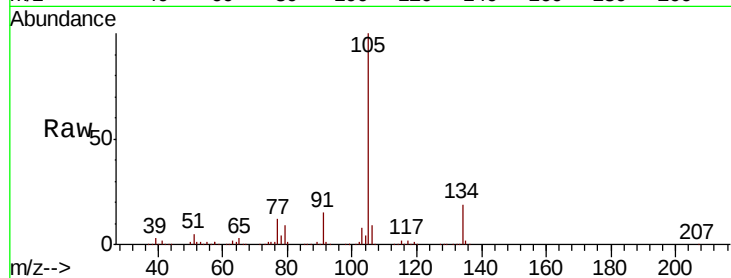
ClientSampled :

Tot Ion:105 Resp: 192118

Ion Ratio Lower Upper

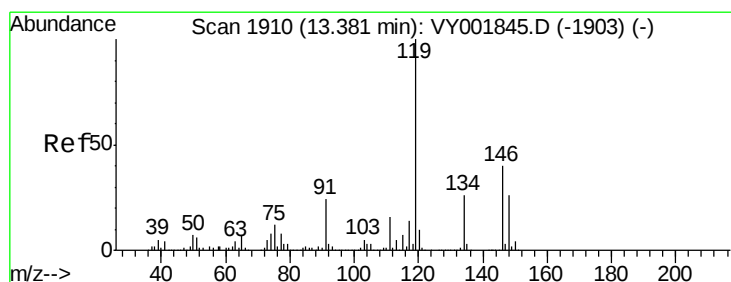
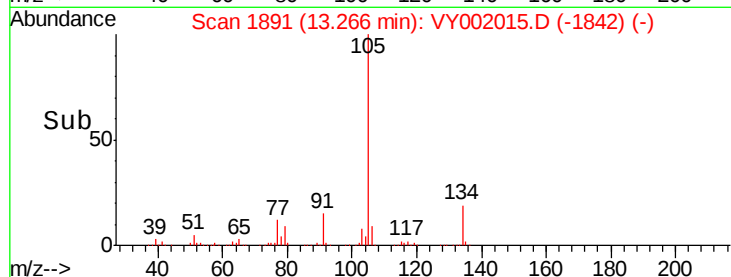
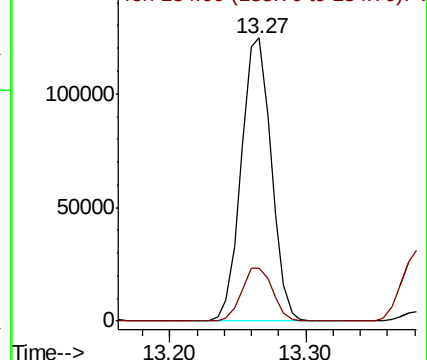
105 100

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



#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

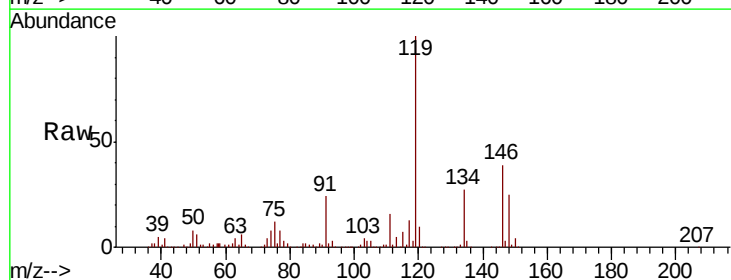
Tgt Ion:119 Resp: 167703

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

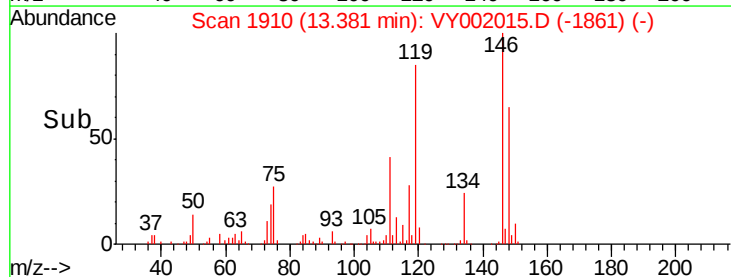
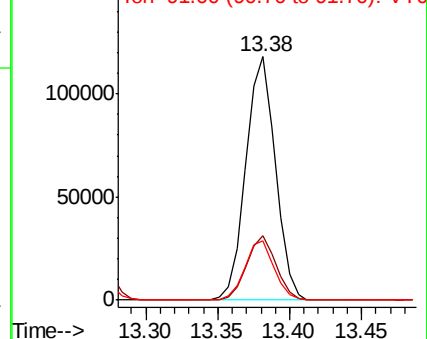
91 24.1 11.9 35.7



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

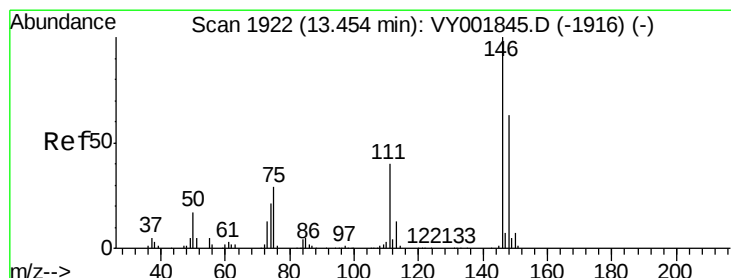
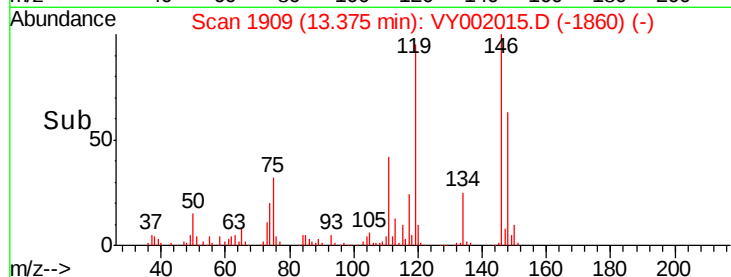
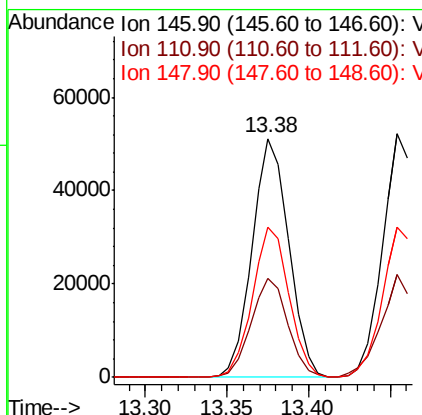
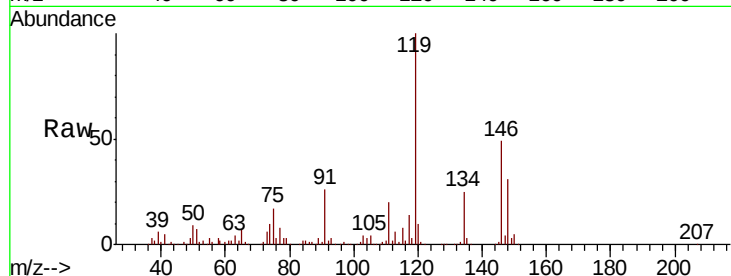




#87
 1,3-Dichlorobenzene
 Concen: 21.427 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

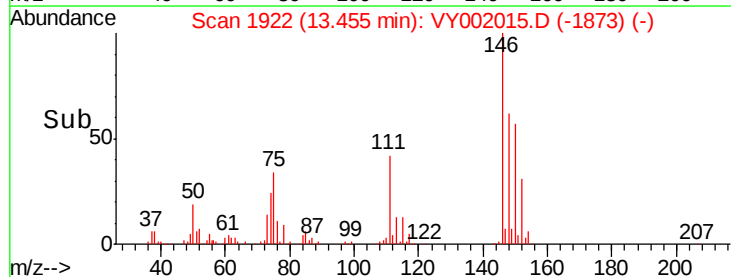
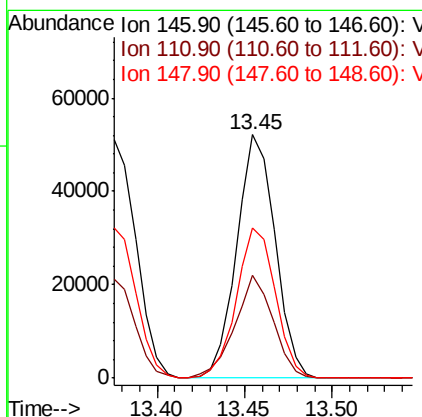
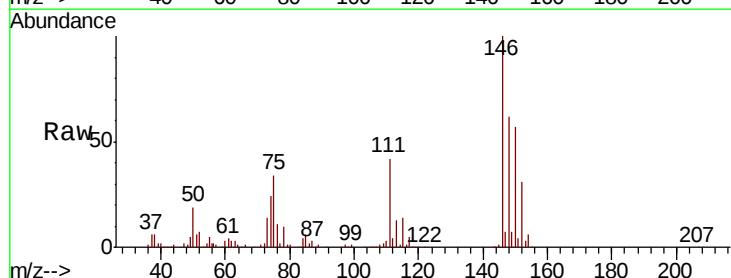
Instrument :
 MSVOA_Y
 ClientSampleId :

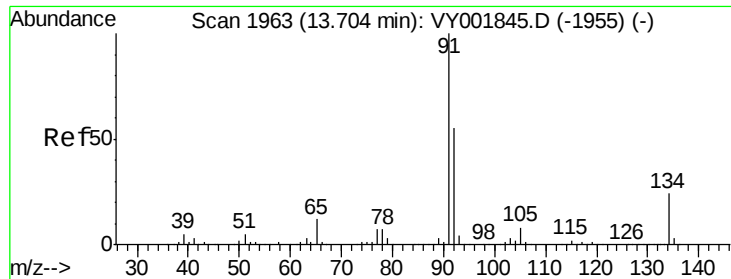
Tot Ion:146 Resp: 79691
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.5
 148 62.8 31.4 94.0



#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 :

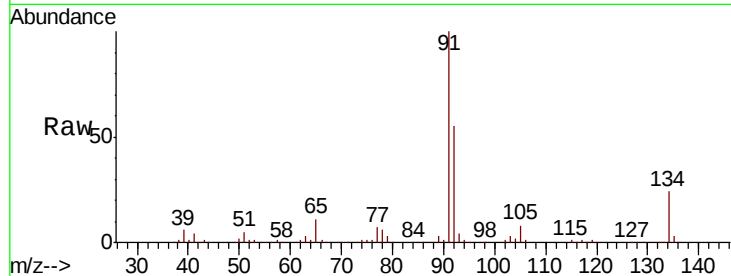
Tot Ion: 91 Resp: 171040

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

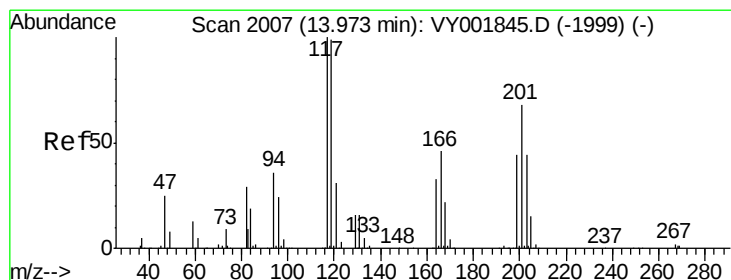
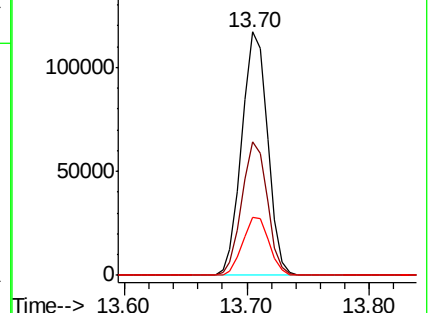
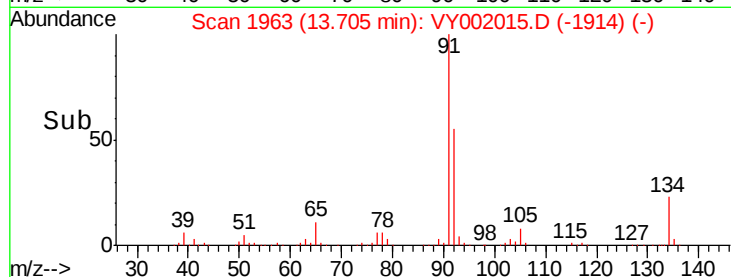
134 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY002015.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002015.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002015.D (-1955) (-)



#90

Hexachloroethane

Concen: 21.292 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY002015.D

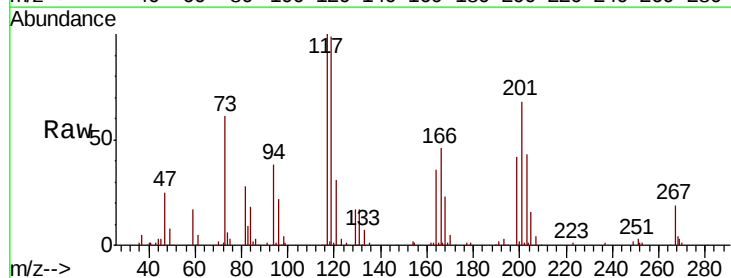
Acq: 19 Mar 2020 12:52

Tgt Ion: 117 Resp: 31284

Ion Ratio Lower Upper

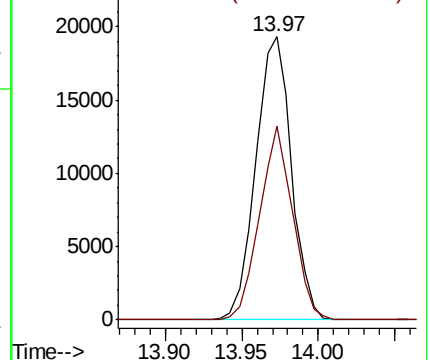
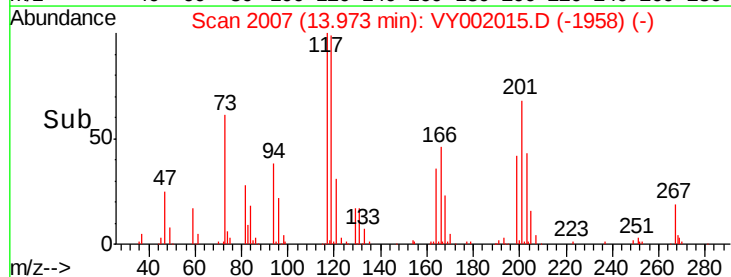
117 100

201 63.6 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY002015.D (-1999) (-)

Ion 200.70 (200.40 to 201.40): VY002015.D (-1999) (-)





#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 :

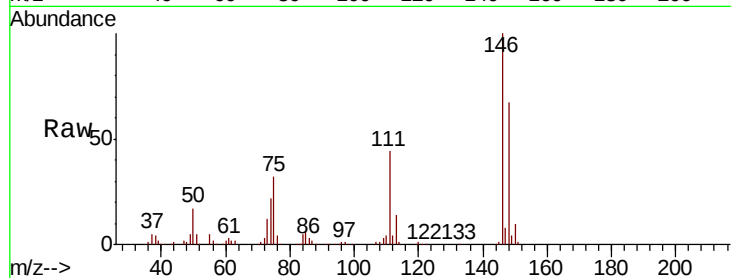
Tot Ion:146 Resp: 72128

Ion Ratio Lower Upper

146 100

111 43.1 21.5 64.5

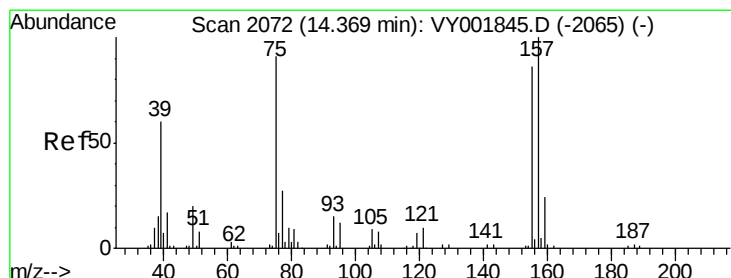
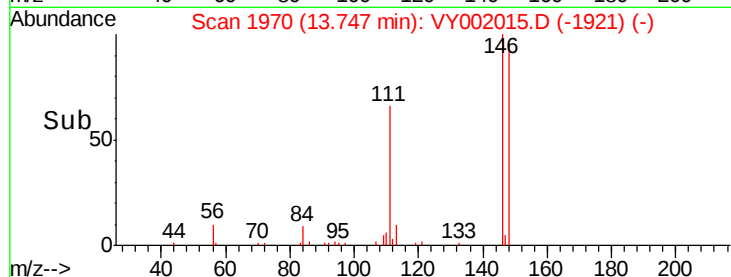
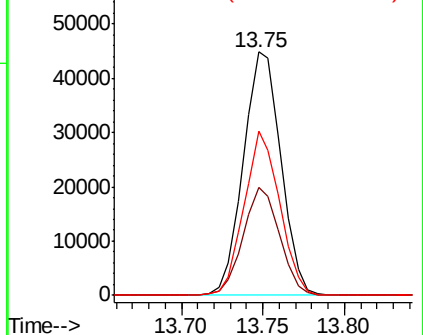
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

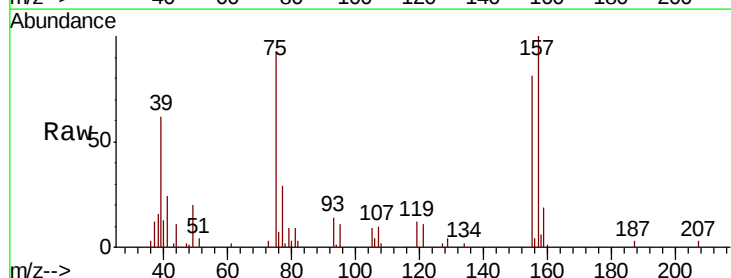
Tgt Ion: 75 Resp: 5867

Ion Ratio Lower Upper

75 100

155 83.8 42.9 128.7

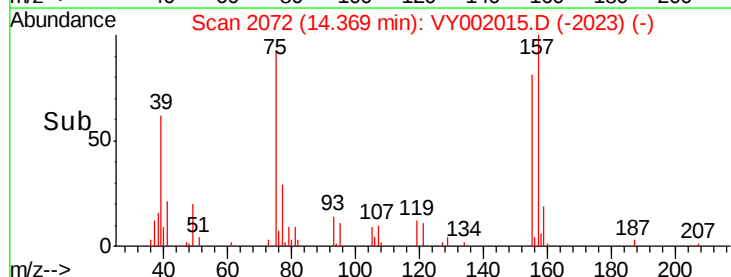
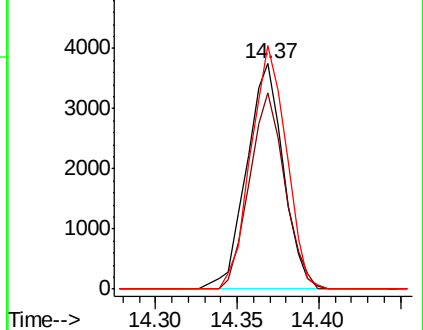
157 104.7 53.1 159.4

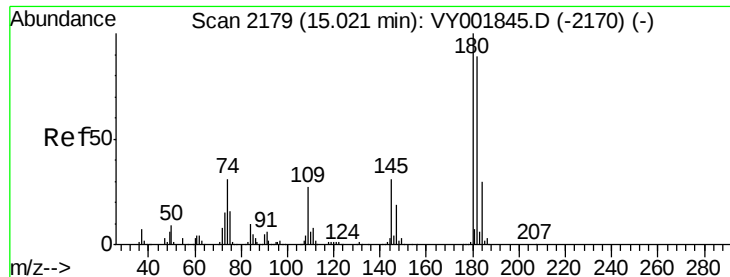


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

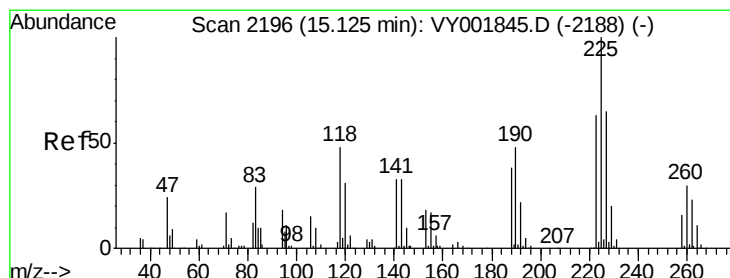
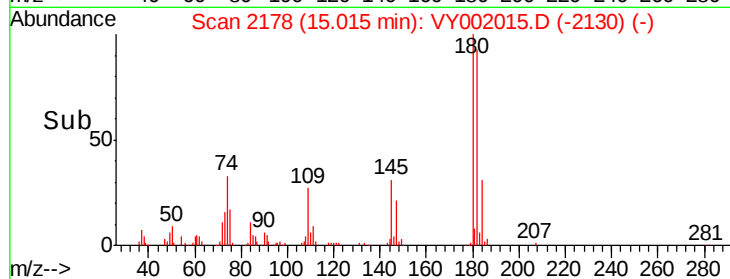
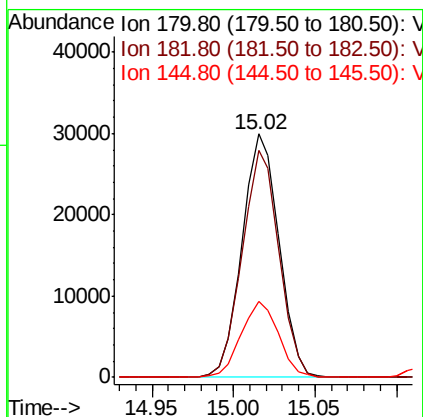
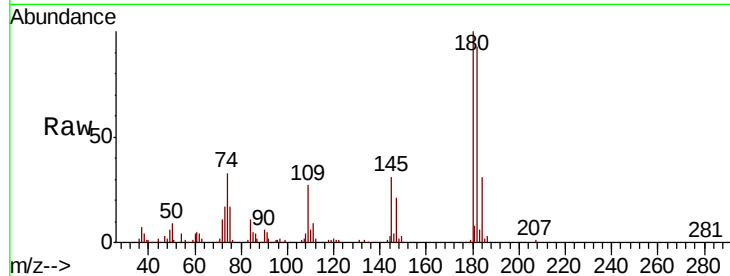




#93
 1,2,4-Trichlorobenzene
 Concen: 21.566 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002015.D
 Acq: 19 Mar 2020 12:52

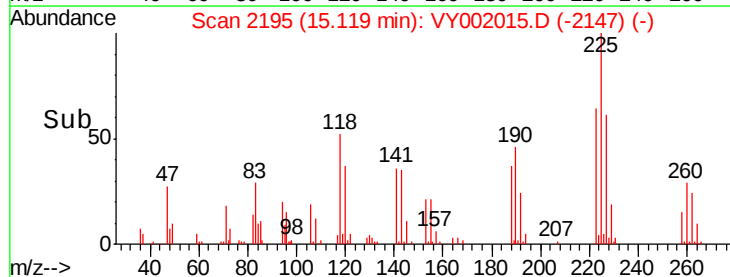
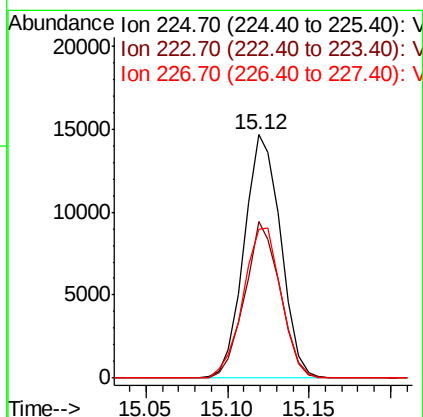
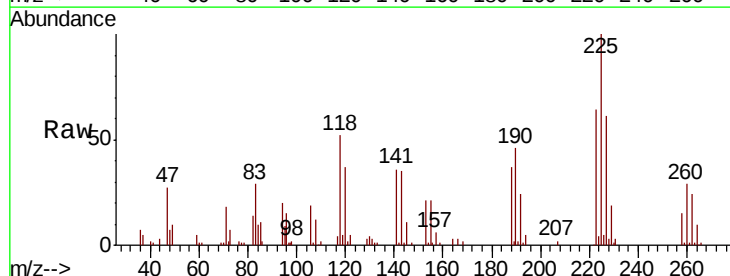
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 47256
 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:225 Resp: 22834
 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 :

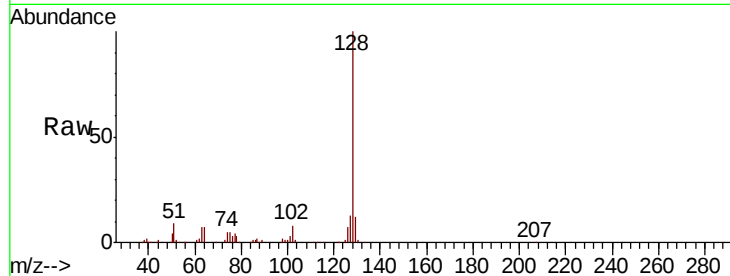
Tot Ion:128 Resp: 105718

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

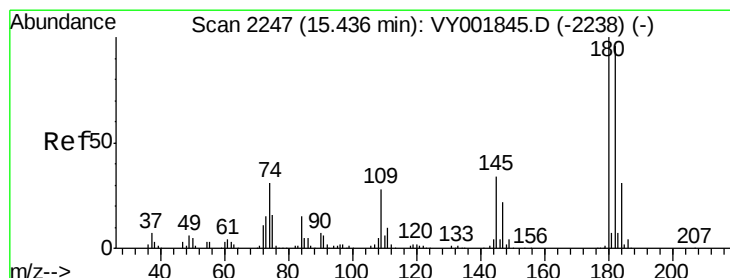
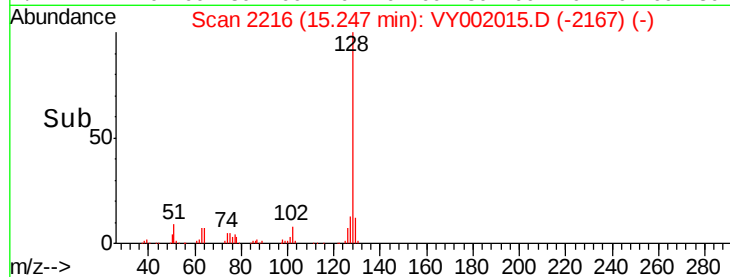
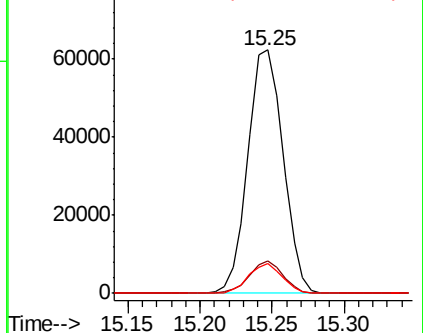
129 11.7 8.6 13.0



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

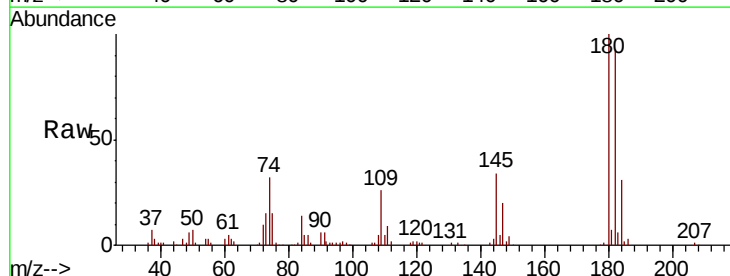
Tgt Ion:180 Resp: 41259

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

