

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
 Data File : VY001325.D
 Acq On : 21 Jan 2020 16:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 21 16:46:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:42:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	179971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	327360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134599	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	323227	168.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	336.86%	
35) Dibromofluoromethane	7.75	113	295209	154.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.80%	
50) Toluene-d8	10.20	98	1207188	164.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	328.58%	
62) 4-Bromofluorobenzene	12.49	95	454680	153.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	215336	152.07	ug/l	100
3) Chloromethane	2.13	50	319729	148.87	ug/l	99
4) Vinyl Chloride	2.27	62	343387	154.25	ug/l	97
5) Bromomethane	2.65	94	205149	133.73	ug/l	98
6) Chloroethane	2.81	64	219948	154.70	ug/l	98
7) Trichlorofluoromethane	3.15	101	429046	149.91	ug/l	100
8) Diethyl Ether	3.56	74	189118	157.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	278720	153.54	ug/l	100
10) Methyl Iodide	4.13	142	393447	166.73	ug/l	99
11) Tert butyl alcohol	5.00	59	180329	581.18	ug/l	99
12) 1,1-Dichloroethene	3.91	96	292339	153.60	ug/l	93
13) Acrolein	3.77	56	107138	640.10	ug/l	100
14) Allyl chloride	4.52	41	552838	164.93	ug/l	99
15) Acrylonitrile	5.21	53	506681	834.83	ug/l	100
16) Acetone	3.99	43	386736	673.46	ug/l	99
17) Carbon Disulfide	4.23	76	930157	155.77	ug/l	100
18) Methyl Acetate	4.52	43	261033	159.78	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	910433	165.53	ug/l	99
20) Methylene Chloride	4.76	84	354240	112.50	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	347820	158.12	ug/l	98
22) Diisopropyl ether	6.16	45	1232372	175.05	ug/l	98
23) Vinyl Acetate	6.11	43	4027612	882.63	ug/l	99
24) 1,1-Dichloroethane	6.07	63	617510	164.51	ug/l	97
25) 2-Butanone	7.03	43	675954	802.23	ug/l	100
26) 2,2-Dichloropropane	7.03	77	517527	152.81	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	394929	161.18	ug/l	99
28) Bromochloromethane	7.38	49	282873	187.29	ug/l	98
29) Tetrahydrofuran	7.39	42	462245	852.55	ug/l	98
30) Chloroform	7.55	83	599396	162.57	ug/l	99
31) Cyclohexane	7.82	56	564194	148.79	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	500654	160.45	ug/l	99
36) 1,1-Dichloropropene	7.96	75	466367	150.95	ug/l	99
37) Ethyl Acetate	7.12	43	302737	162.43	ug/l	100
38) Carbon Tetrachloride	7.94	117	420383	153.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	596076	150.54	ug/l	99
40) Benzene	8.19	78	1425904	154.54	ug/l	100
41) Methacrylonitrile	7.38	41	420531	427.89	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	402572	156.49	ug/l	100
43) Isopropyl Acetate	8.30	43	589012	162.54	ug/l	100
44) Trichloroethene	8.97	130	357461	150.26	ug/l	99
45) 1,2-Dichloropropane	9.24	63	366432	157.64	ug/l	98
46) Dibromomethane	9.33	93	194506	155.50	ug/l	97
47) Bromodichloromethane	9.52	83	476854	160.32	ug/l	97
48) Methyl methacrylate	9.32	41	271668	165.43	ug/l	97
49) 1,4-Dioxane	9.33	88	57116	3265.77	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	1520530	815.23	ug/l	99
52) Toluene	10.26	92	914678	156.77	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	541077	164.96	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	605547	159.96	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	291925	158.67	ug/l	98
56) Ethyl methacrylate	10.53	69	459015	166.49	ug/l	98
57) 1,3-Dichloropropane	10.81	76	508148	158.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	723033	743.10	ug/l	99
59) 2-Hexanone	10.85	43	1055429	812.31	ug/l	100
60) Dibromochloromethane	11.00	129	328679	159.95	ug/l	99
61) 1,2-Dibromoethane	11.10	107	277906	160.02	ug/l	100
64) Tetrachloroethene	10.74	164	268594	143.00	ug/l	98
65) Chlorobenzene	11.53	112	936275	152.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	319913	152.92	ug/l	100
67) Ethyl Benzene	11.60	91	1708645	150.91	ug/l	98
68) m/p-Xylenes	11.72	106	1274551	301.32	ug/l	99
69) o-Xylene	12.04	106	618181	152.17	ug/l	98
70) Styrene	12.05	104	1116169	157.53	ug/l	99
71) Bromoform	12.22	173	196680	158.46	ug/l #	100
73) Isopropylbenzene	12.34	105	1664241	158.11	ug/l	99
74) N-amyl acetate	12.15	43	574592	168.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	363694	162.03	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	474362	291.79	ug/l #	100
77) Bromobenzene	12.62	156	355597	151.39	ug/l	94
78) n-propylbenzene	12.68	91	1987687	156.63	ug/l	99
79) 2-Chlorotoluene	12.77	91	1142462	157.79	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	1363525	154.58	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	146058	175.18	ug/l	95
82) 4-Chlorotoluene	12.86	91	1232584	159.71	ug/l	98
83) tert-Butylbenzene	13.08	119	1127275	151.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	1354891	152.67	ug/l	100
85) sec-Butylbenzene	13.26	105	1610156	151.98	ug/l	100
86) p-Isopropyltoluene	13.38	119	1397110	149.18	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	671292	147.81	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	686814	149.16	ug/l	100
89) n-Butylbenzene	13.70	91	1436964	153.13	ug/l	99
90) Hexachloroethane	13.97	117	276246	156.96	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	637849	153.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	60118	153.81	ug/l	98

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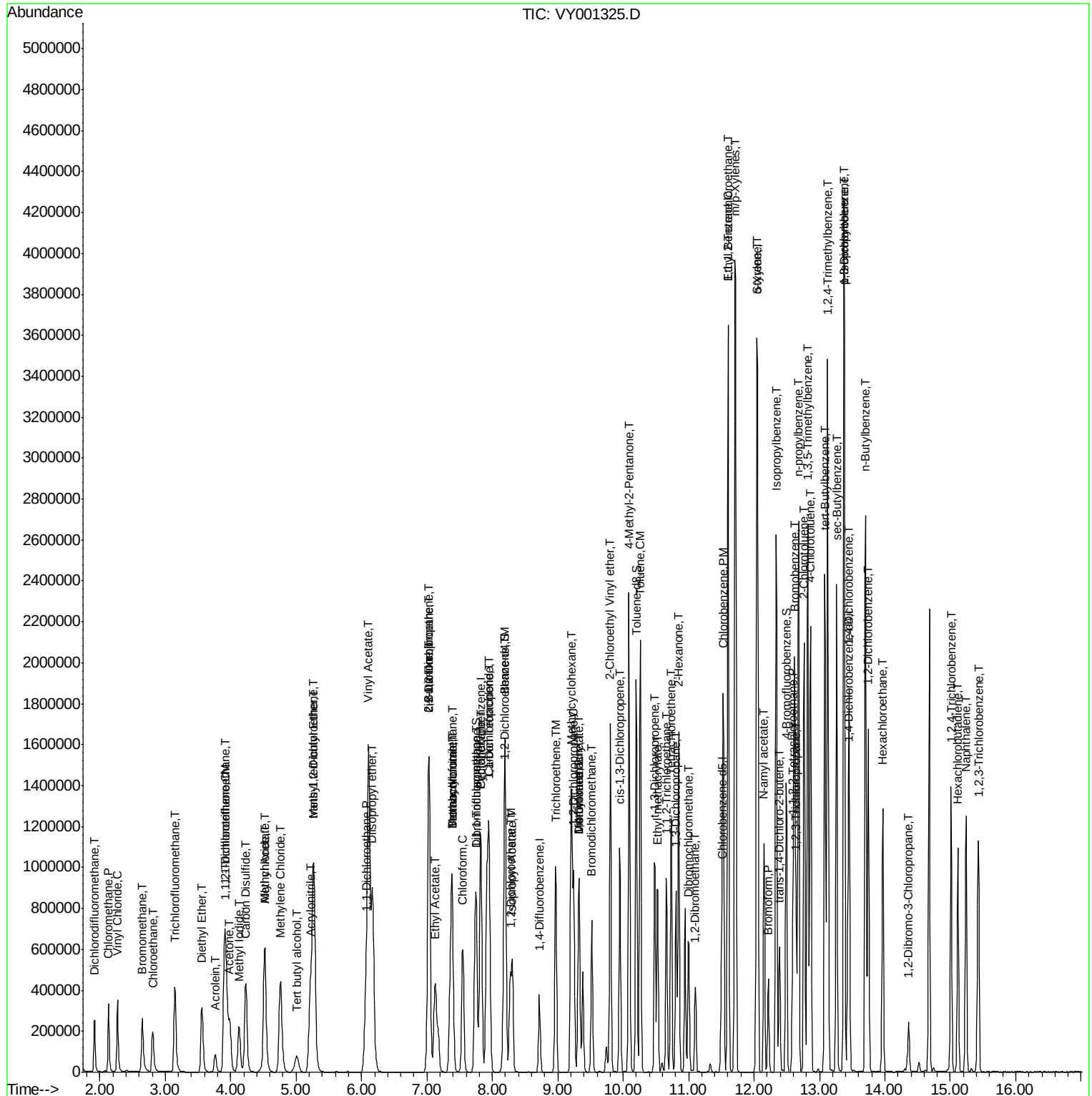
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	410247	145.57	ug/l	99
94) Hexachlorobutadiene	15.12	225	190890	137.92	ug/l	99
95) Naphthalene	15.24	128	980347	153.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	362264	146.73	ug/l	99

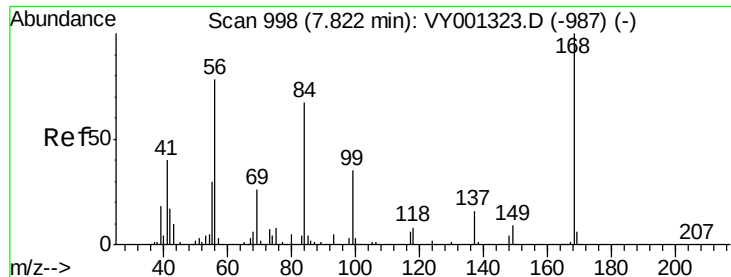
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

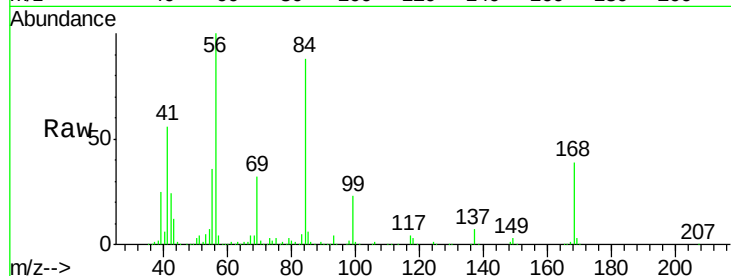
VSTDIC150

Tgt Ion:168 Resp: 179971

Ion Ratio Lower Upper

168 100

99 58.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

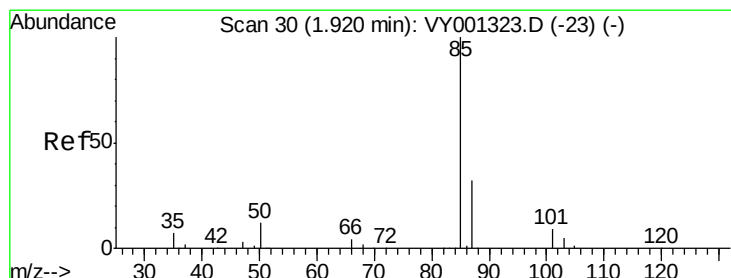
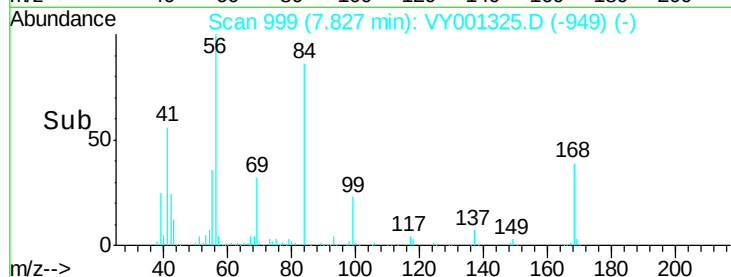
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 152.07 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001325.D

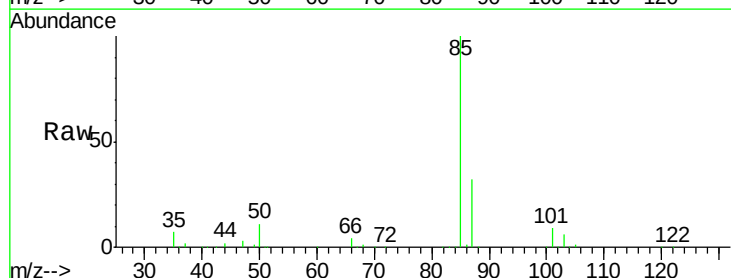
Acq: 21 Jan 2020 16:29

Tgt Ion: 85 Resp: 215336

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

150000

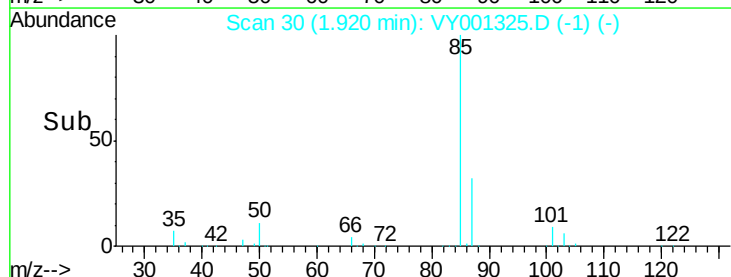
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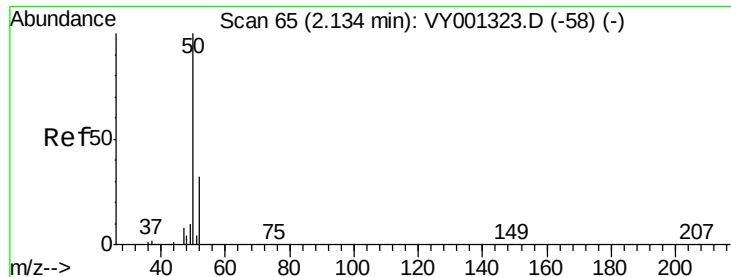
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 148.87 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

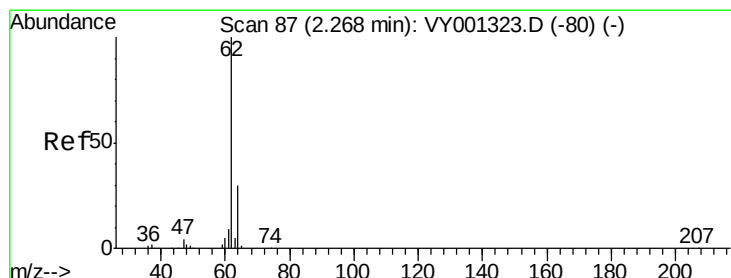
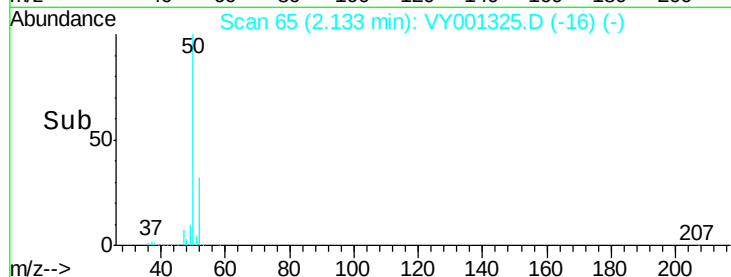
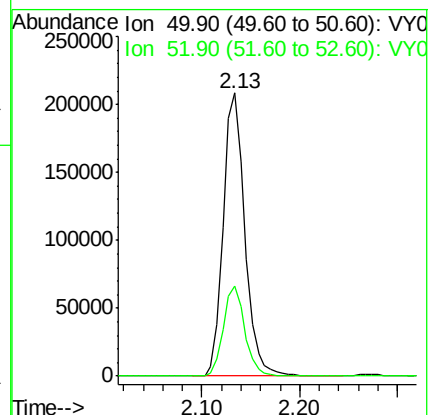
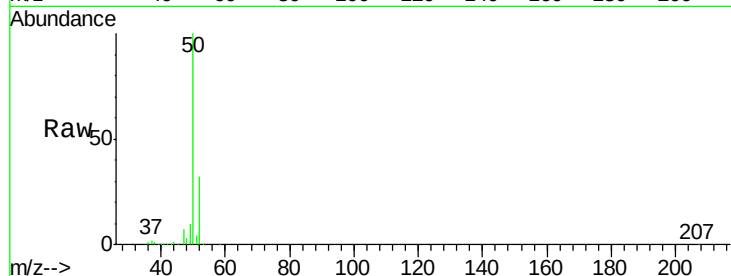
VSTDIC150

Tgt Ion: 50 Resp: 319729

Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5



#4

Vinyl Chloride

Concen: 154.25 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001325.D

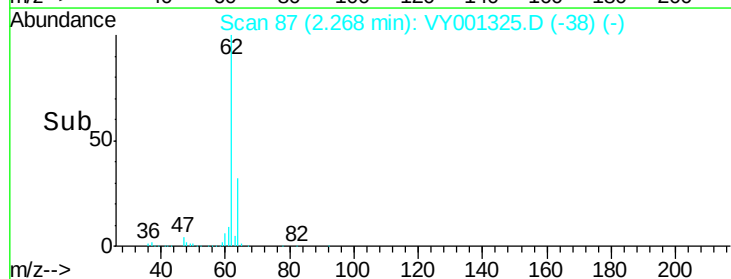
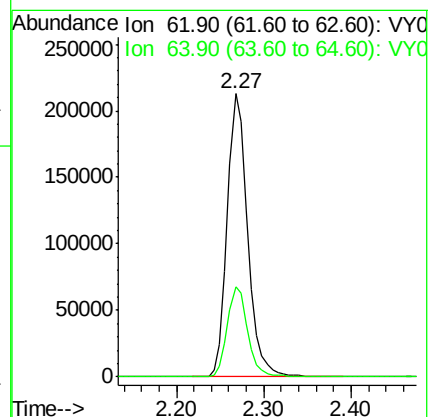
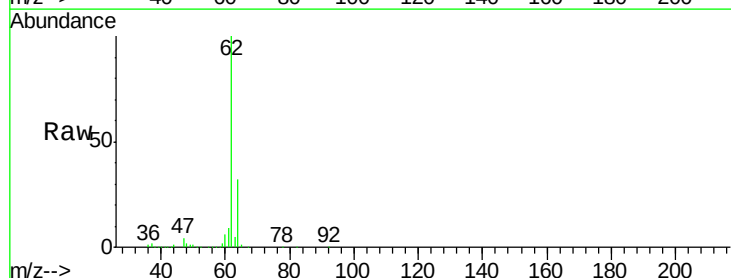
Acq: 21 Jan 2020 16:29

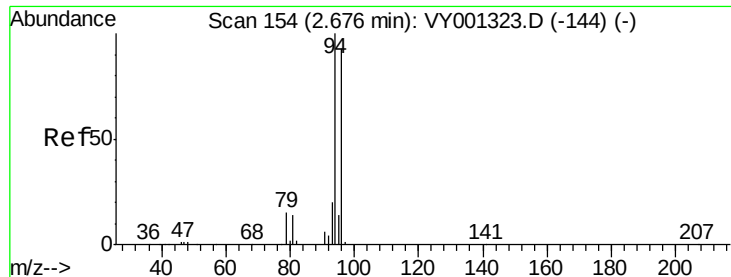
Tgt Ion: 62 Resp: 343387

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 133.73 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

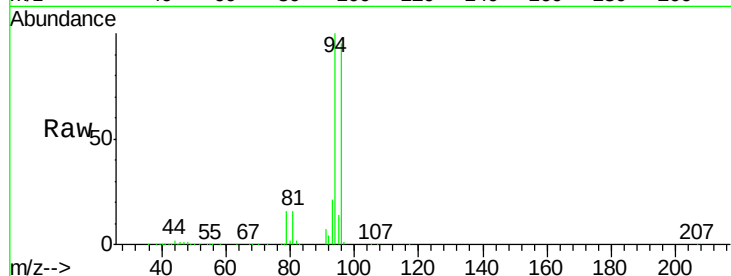
VSTDIC150

Tgt Ion: 94 Resp: 205149

Ion Ratio Lower Upper

94 100

96 95.4 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

100000

80000

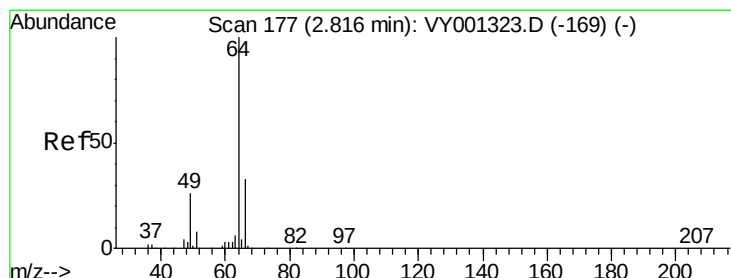
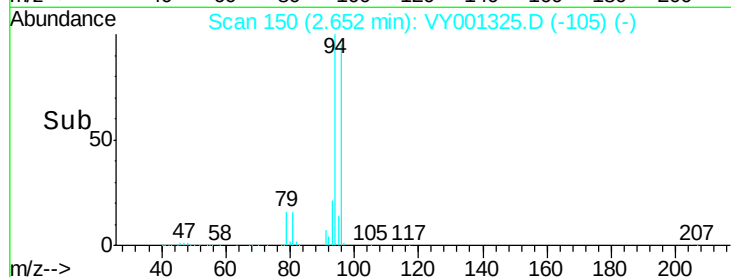
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 154.70 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001325.D

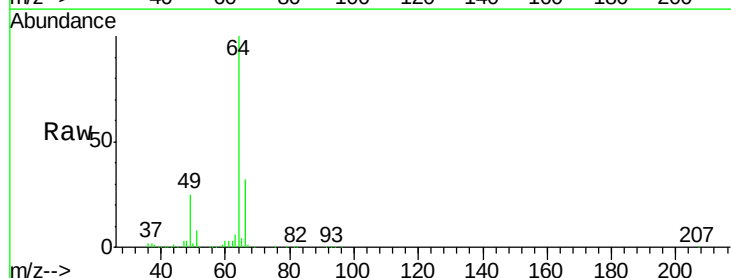
Acq: 21 Jan 2020 16:29

Tgt Ion: 64 Resp: 219948

Ion Ratio Lower Upper

64 100

66 32.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

100000

80000

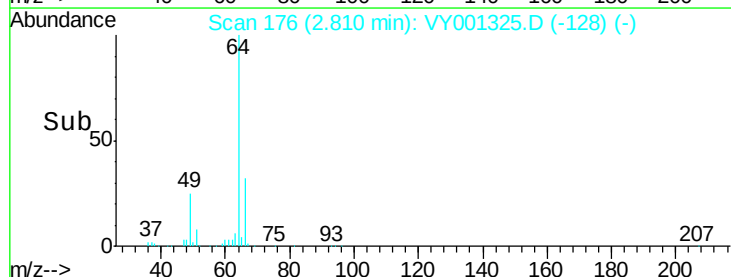
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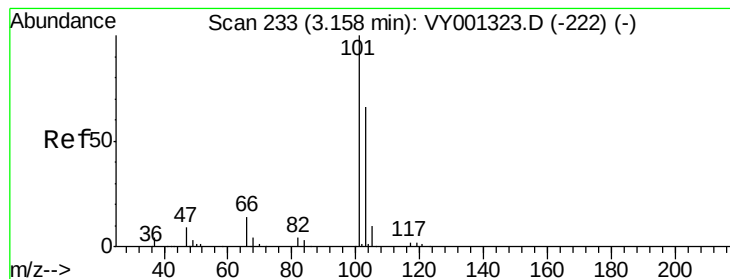
40000

20000

0

Time--> 2.70 2.80 2.90 3.00



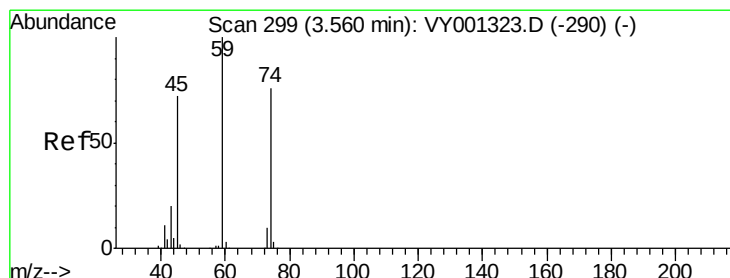
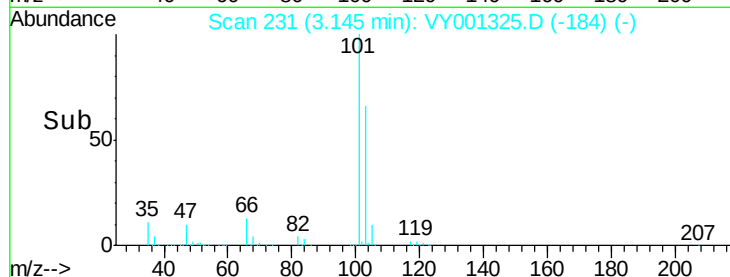
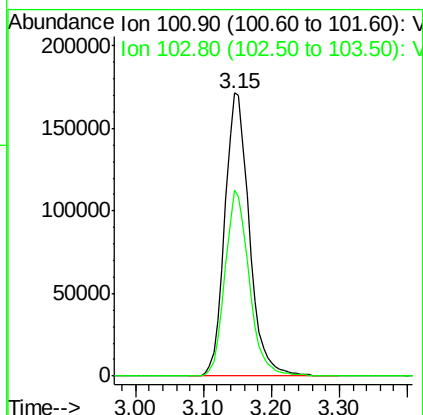
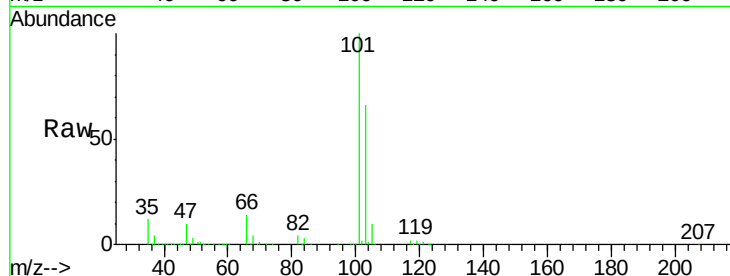


#7

Trichlorofluoromethane
 Concen: 149.91 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY001325.D
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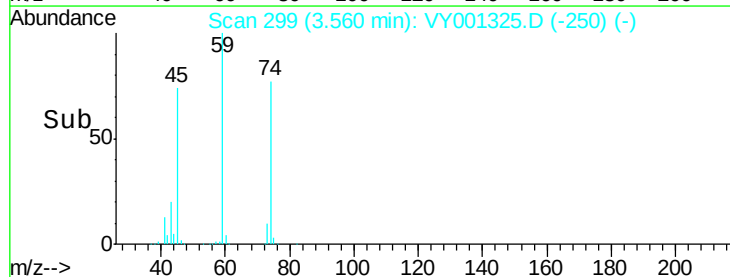
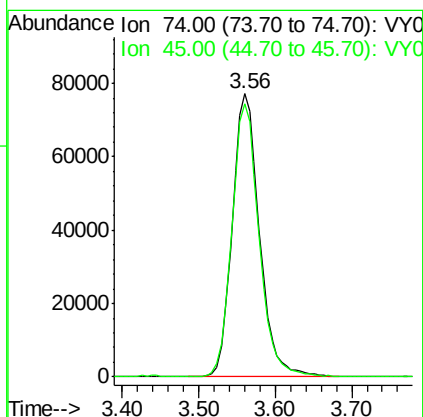
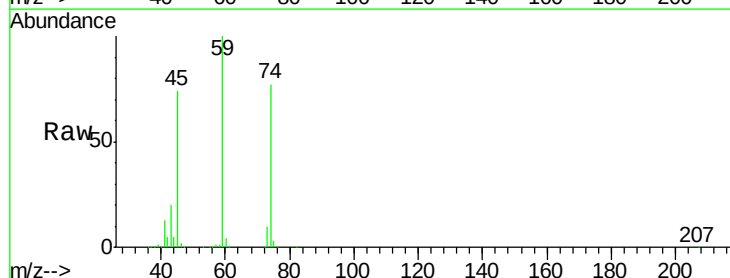
Tgt Ion: 101 Resp: 429046
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.5 78.7

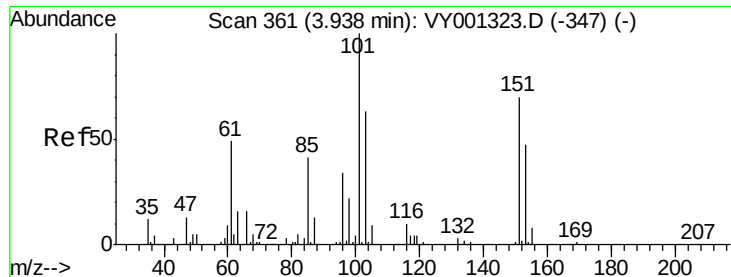


#8

Diethyl Ether
 Concen: 157.93 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 74 Resp: 189118
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.54 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

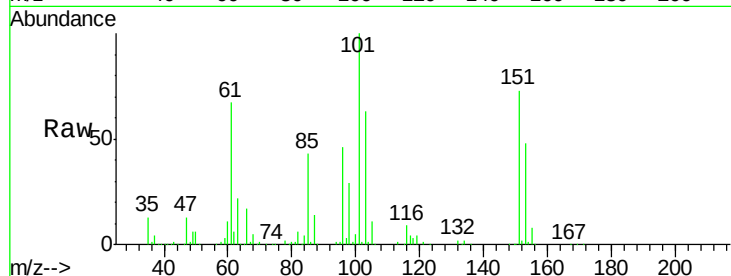
Tgt Ion:101 Resp: 278720

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

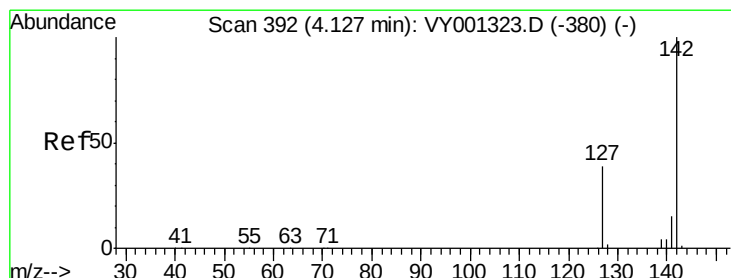
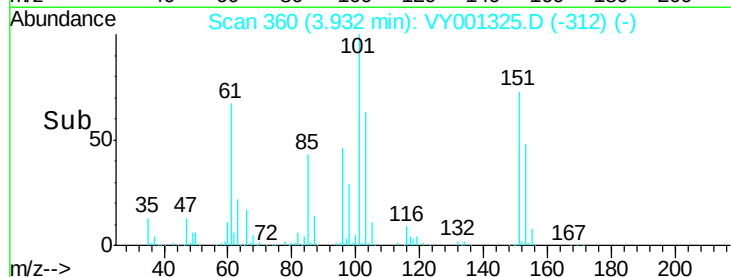
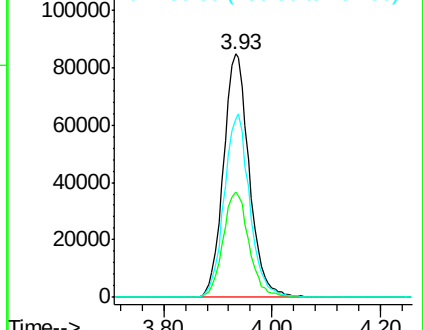
151 74.8 59.9 89.9



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: 166.73 ug/l

RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

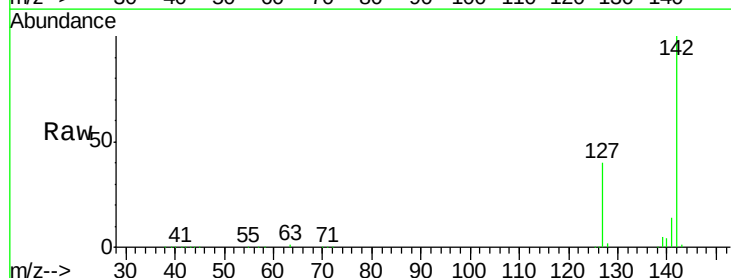
Tgt Ion:142 Resp: 393447

Ion Ratio Lower Upper

142 100

127 39.9 31.6 47.4

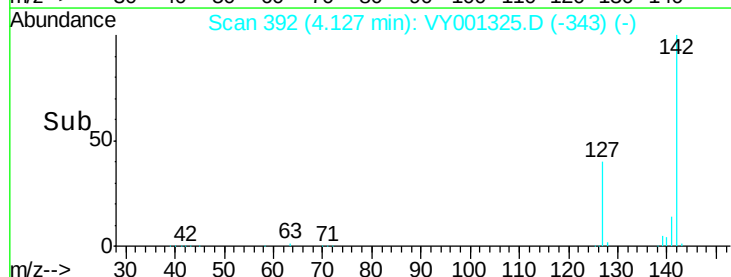
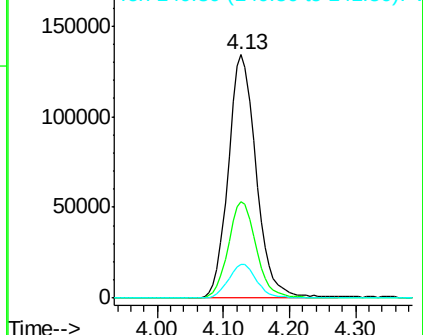
141 14.0 11.2 16.8

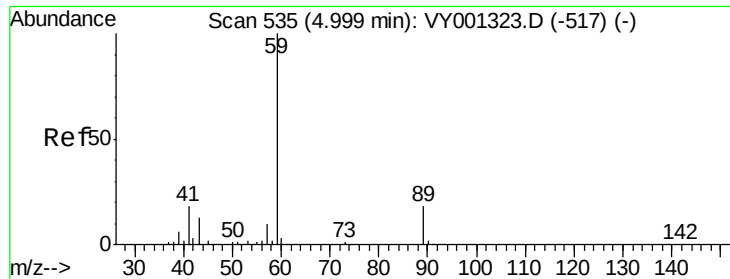


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

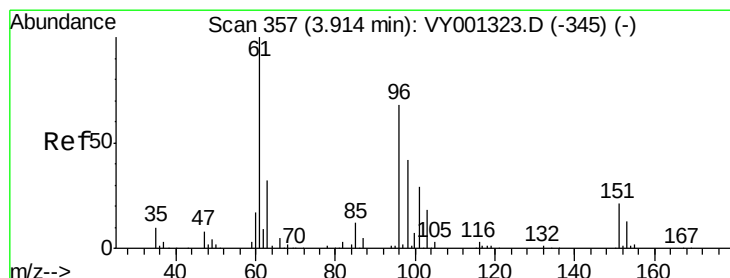
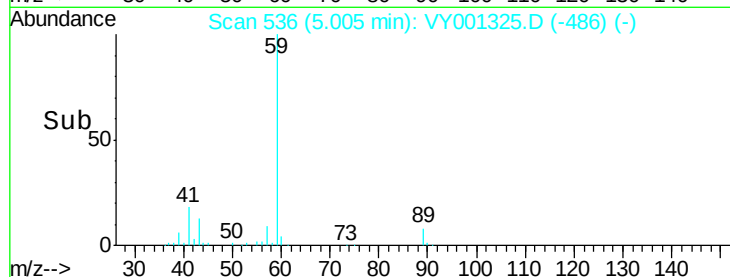
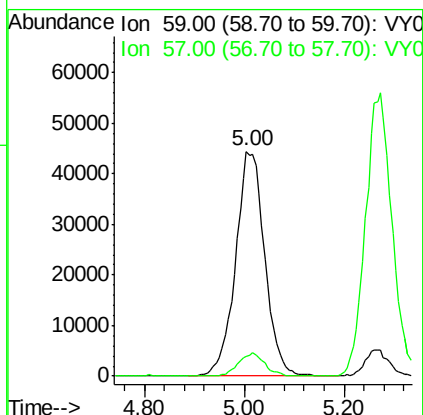
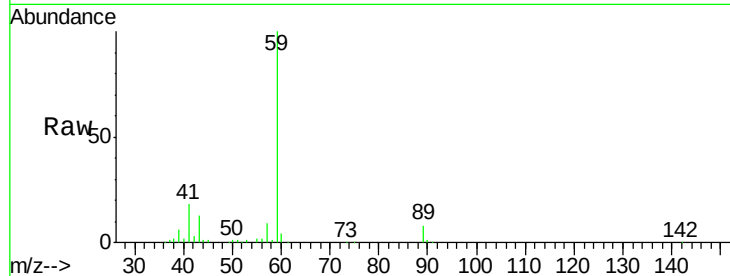




#11
Tert butyl alcohol
Concen: 581.18 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

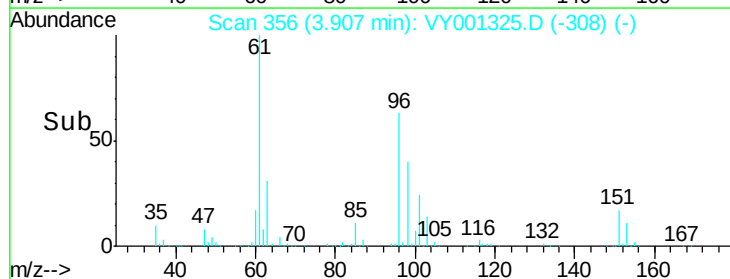
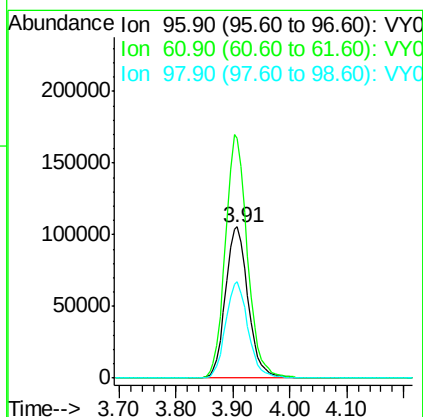
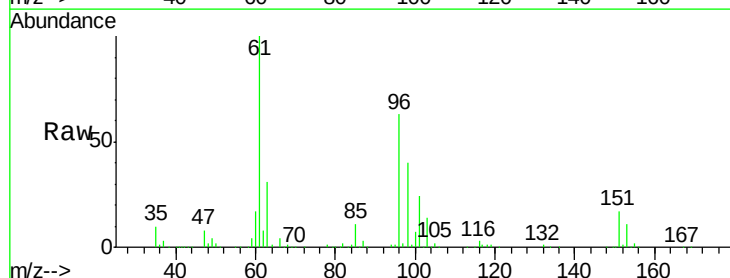
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

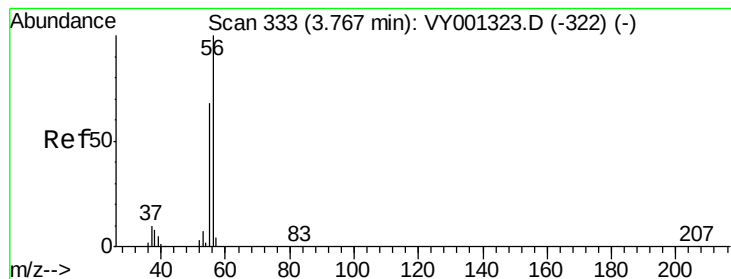
Tgt Ion: 59 Resp: 180329
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2



#12
1,1-Dichloroethene
Concen: 153.60 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 96 Resp: 292339
Ion Ratio Lower Upper
96 100
61 158.2 118.0 177.0
98 63.7 49.4 74.2





#13

Acrolein

Concen: 640.10 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

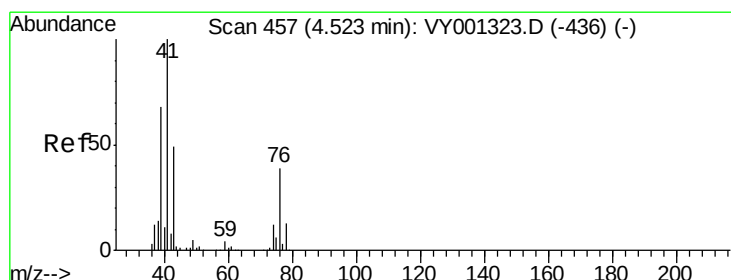
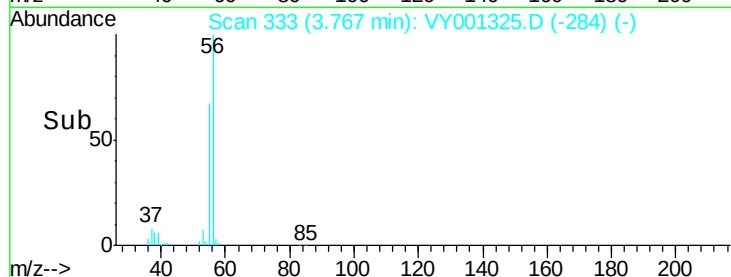
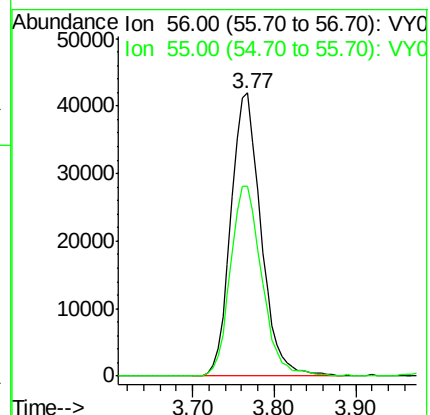
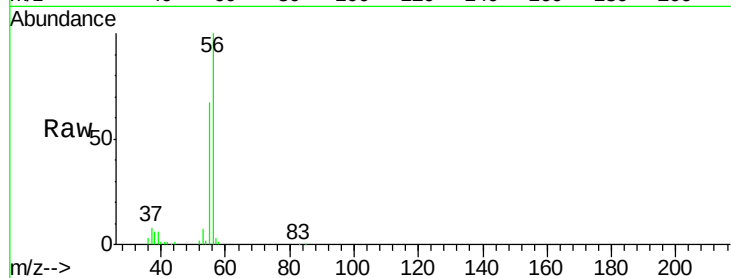
VSTDIC150

Tgt Ion: 56 Resp: 107138

Ion Ratio Lower Upper

56 100

55 70.0 55.9 83.9



#14

Allyl chloride

Concen: 164.93 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

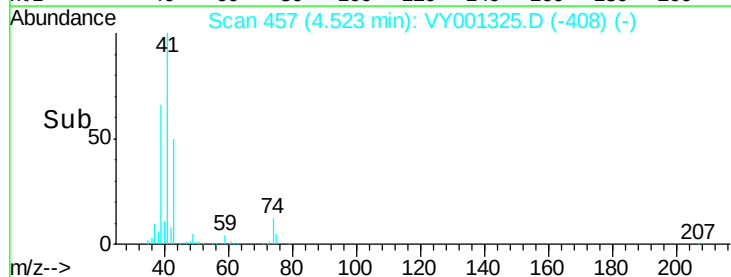
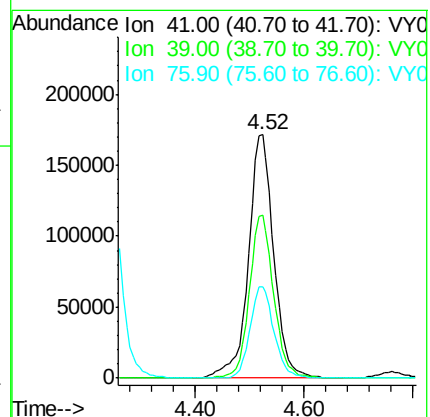
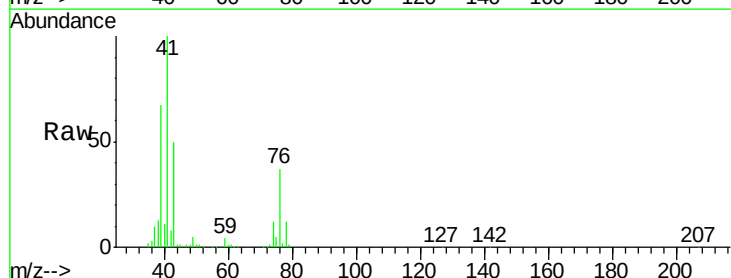
Tgt Ion: 41 Resp: 552838

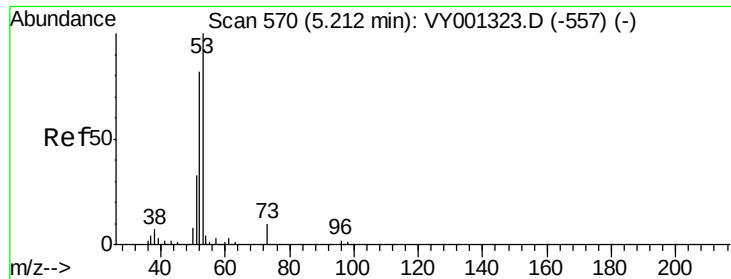
Ion Ratio Lower Upper

41 100

39 64.2 52.2 78.4

76 35.5 29.1 43.7





#15

Acrylonitrile

Concen: 834.83 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

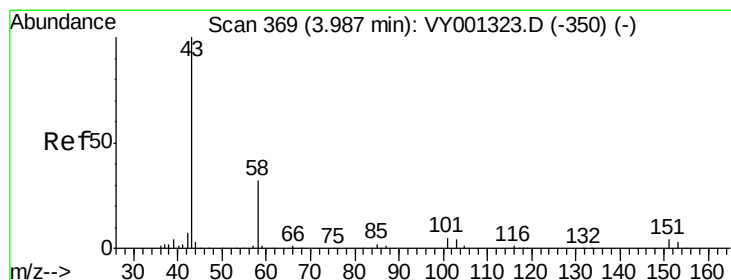
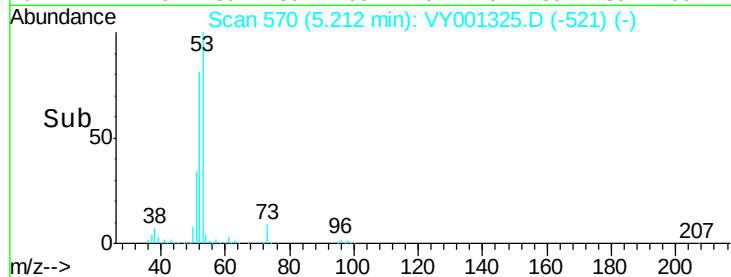
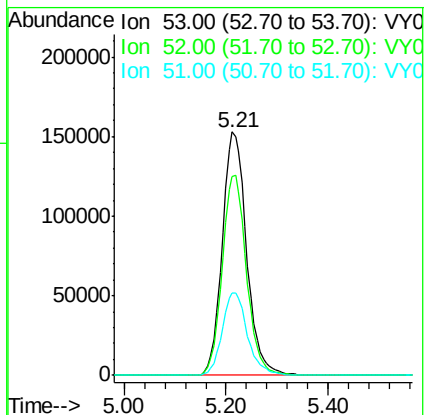
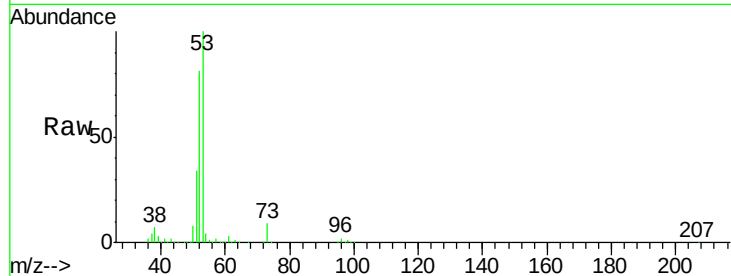
Tgt Ion: 53 Resp: 506681

Ion Ratio Lower Upper

53 100

52 81.7 65.3 97.9

51 35.3 28.4 42.6



#16

Acetone

Concen: 673.46 ug/l

RT: 3.99 min Scan# 369

Delta R.T. -0.00 min

Lab File: VY001325.D

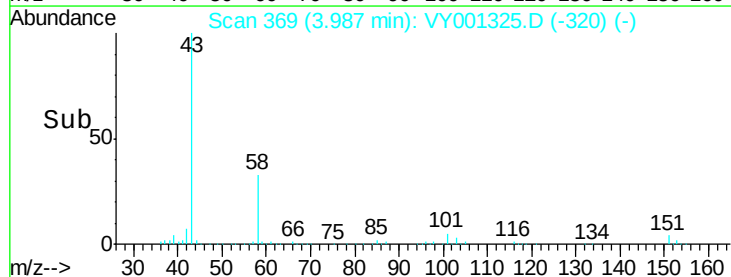
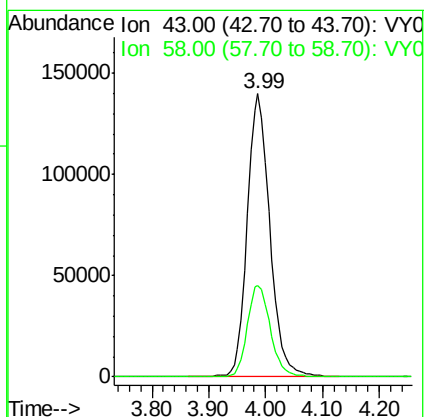
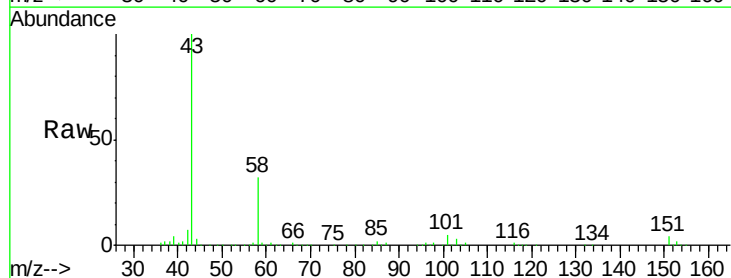
Acq: 21 Jan 2020 16:29

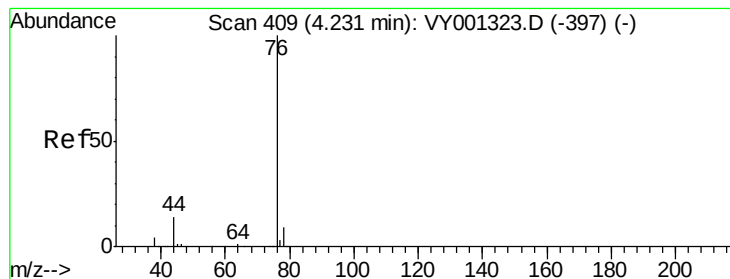
Tgt Ion: 43 Resp: 386736

Ion Ratio Lower Upper

43 100

58 32.4 25.4 38.0





#17

Carbon Disulfide

Concen: 155.77 ug/l

RT: 4.23 min Scan# 409

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

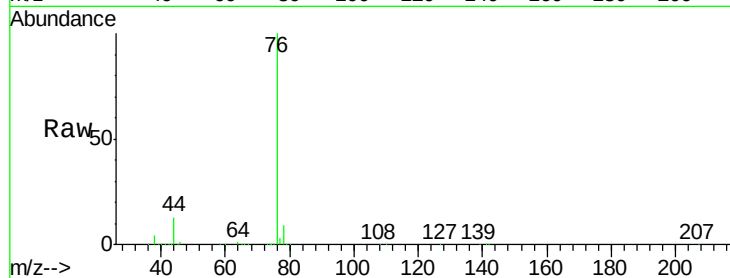
VSTDIC150

Tgt Ion: 76 Resp: 930157

Ion Ratio Lower Upper

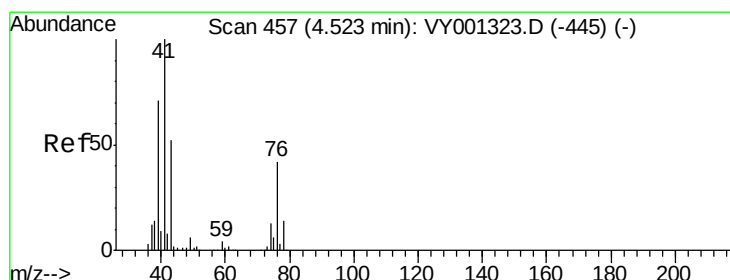
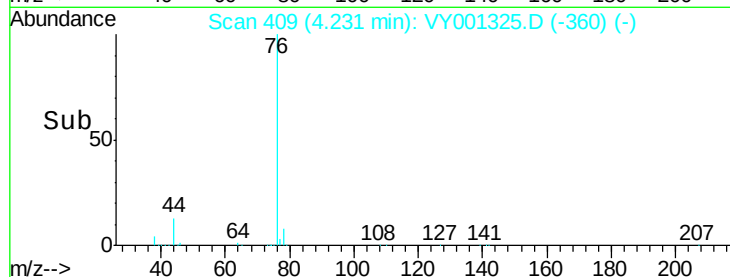
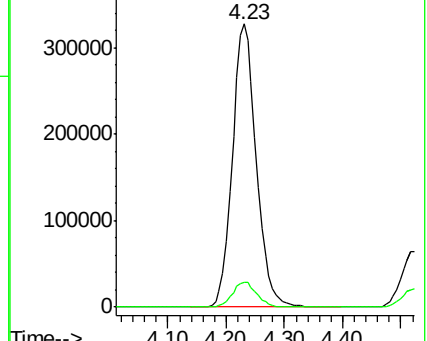
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 159.78 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001325.D

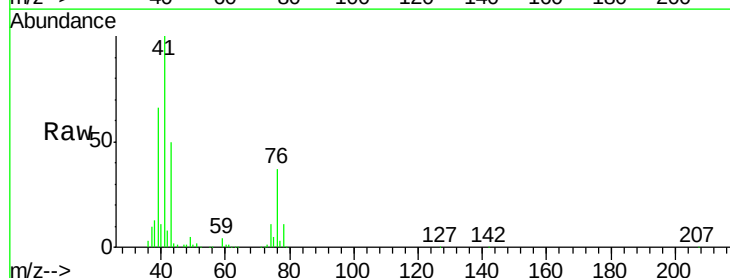
Acq: 21 Jan 2020 16:29

Tgt Ion: 43 Resp: 261033

Ion Ratio Lower Upper

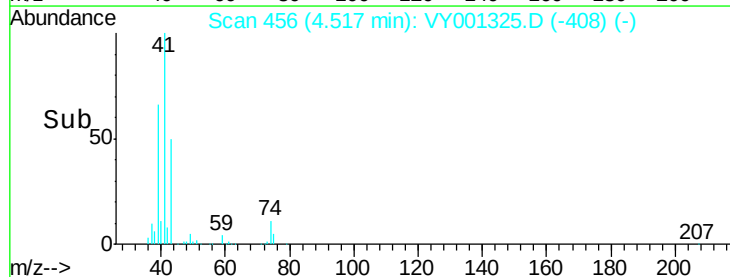
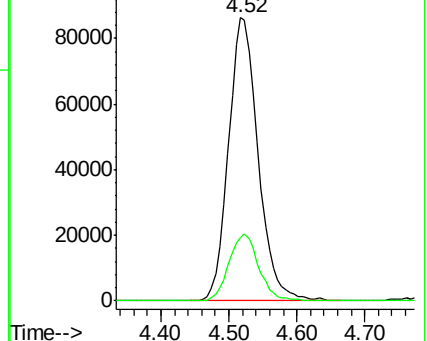
43 100

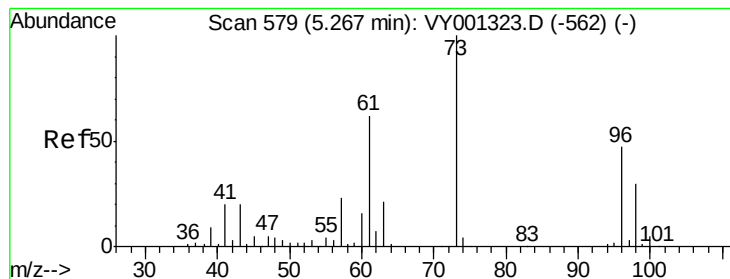
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 165.53 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

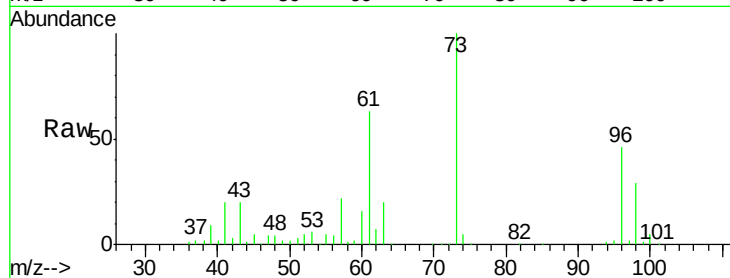
VSTDIC150

Tgt Ion: 73 Resp: 910433

Ion Ratio Lower Upper

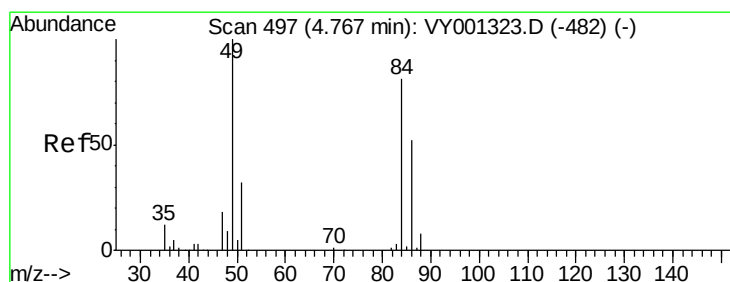
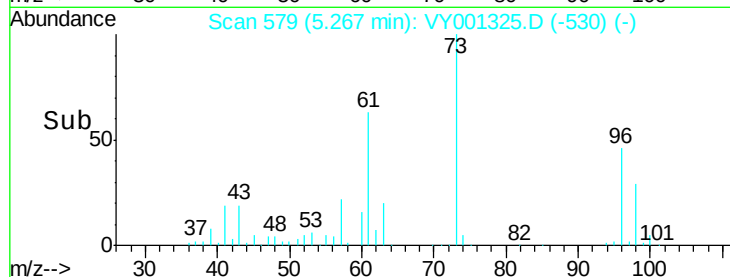
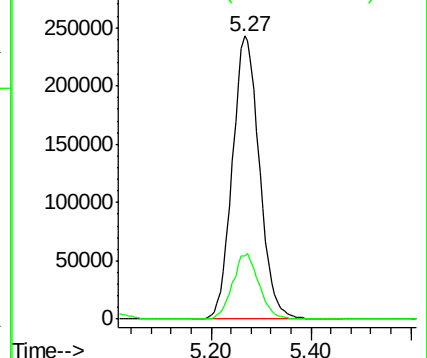
73 100

57 22.3 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 112.50 ug/l

RT: 4.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion: 84 Resp: 354240

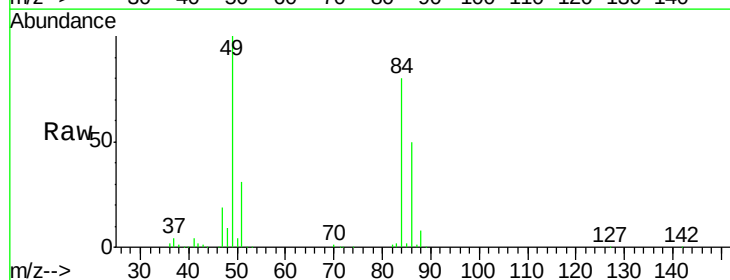
Ion Ratio Lower Upper

84 100

49 125.0 98.3 147.5

51 38.4 31.6 47.4

86 62.3 51.1 76.7

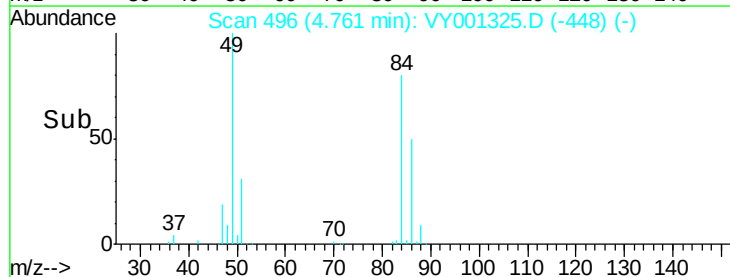
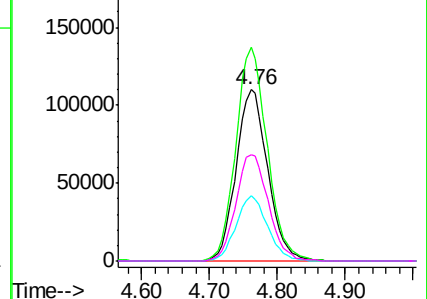


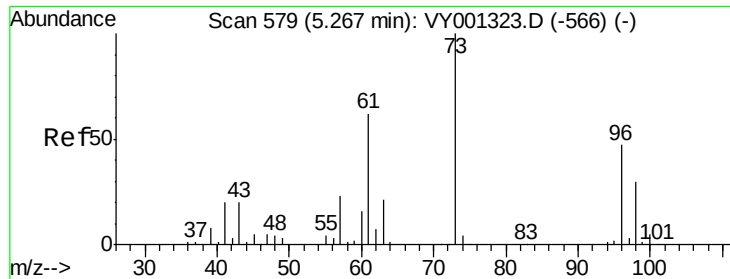
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 158.12 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

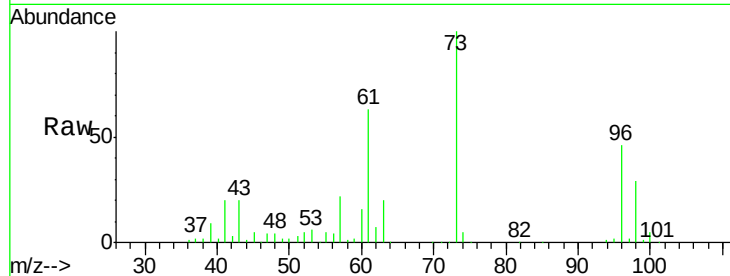
Tgt Ion: 96 Resp: 347820

Ion Ratio Lower Upper

96 100

61 136.5 106.8 160.2

98 63.0 51.0 76.6

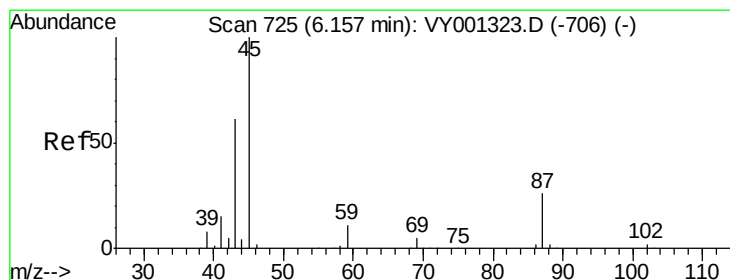
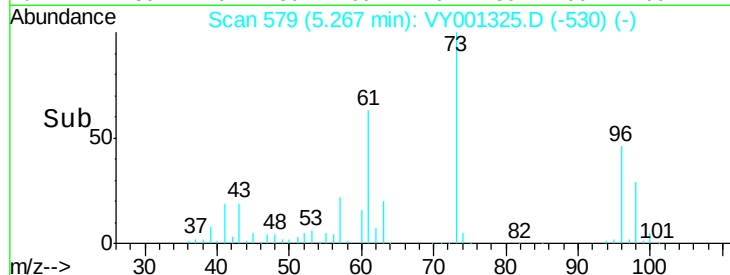
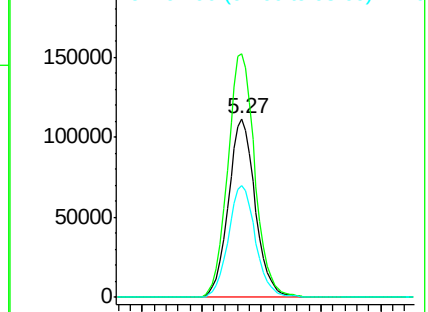


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 175.05 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion: 45 Resp: 1232372

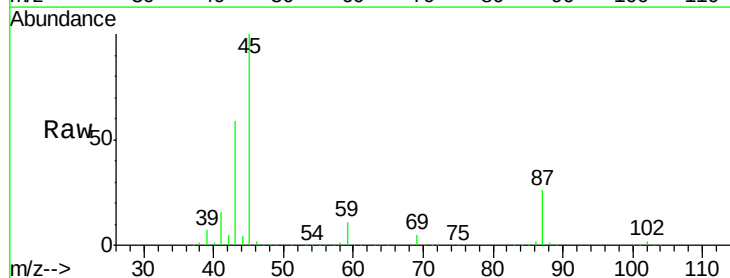
Ion Ratio Lower Upper

45 100

43 59.4 49.2 73.8

87 26.4 21.4 32.2

59 11.4 9.3 13.9



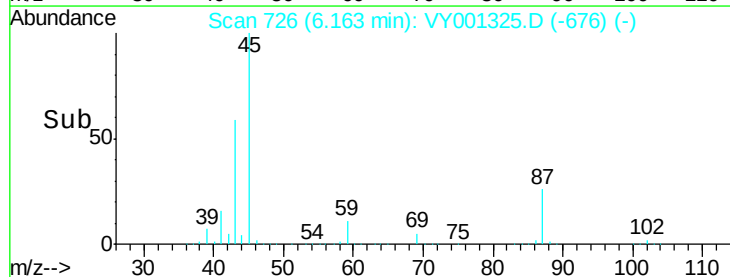
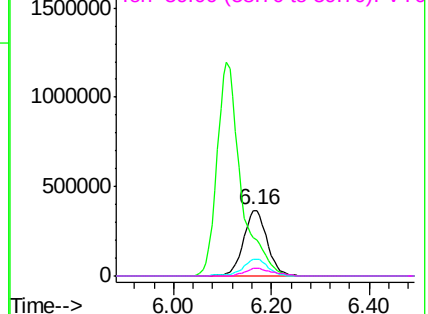
Abundance

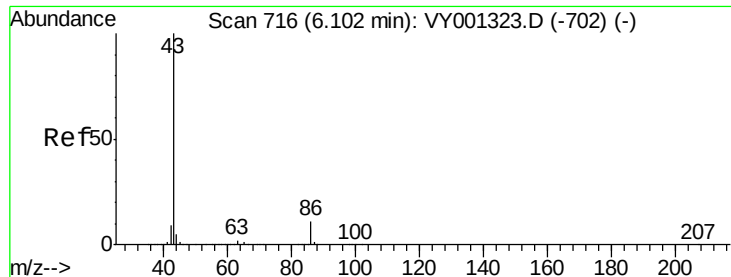
Ion 45.00 (44.70 to 45.70): VY0

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: 882.63 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

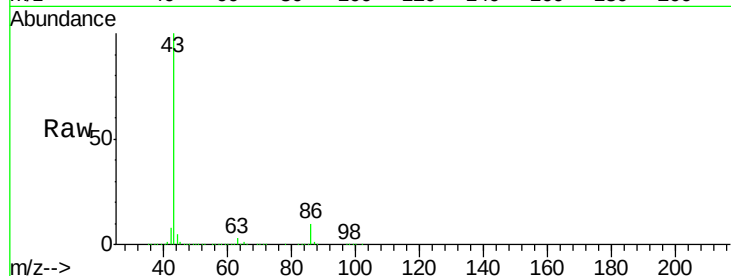
VSTDIC150

Tgt Ion: 43 Resp: 4027612

Ion Ratio Lower Upper

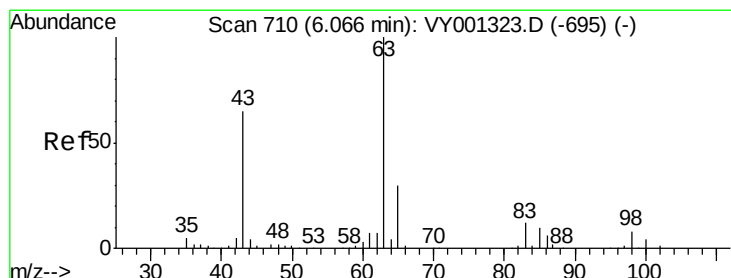
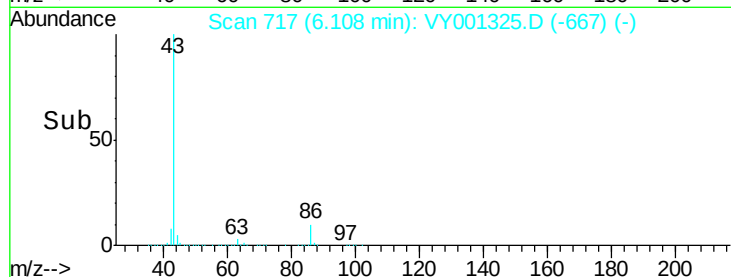
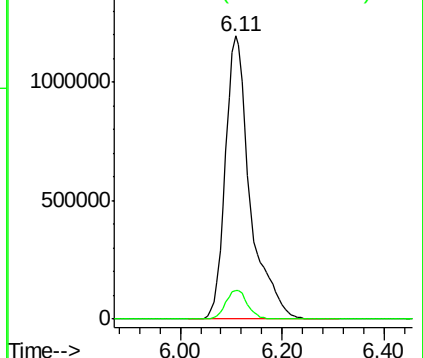
43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 164.51 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

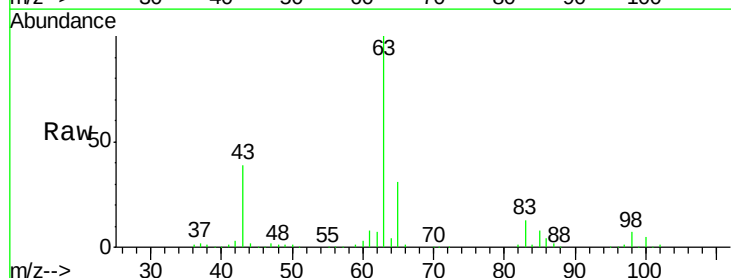
Tgt Ion: 63 Resp: 617510

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

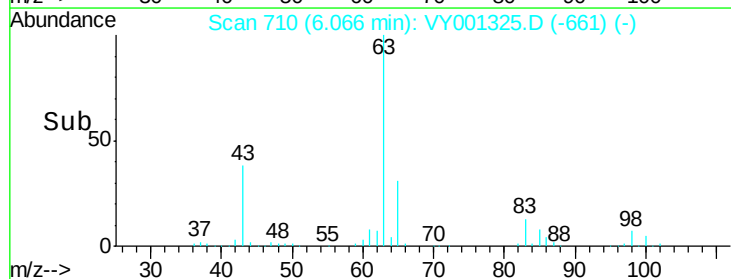
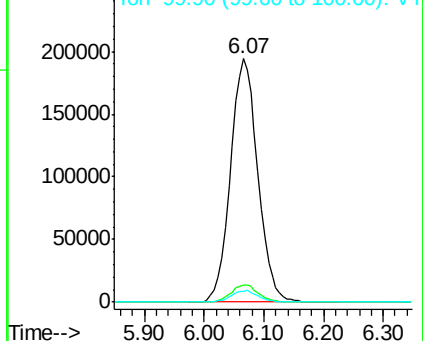
100 4.6 2.1 6.3

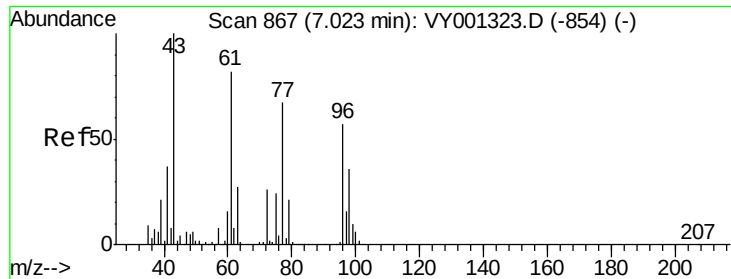


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

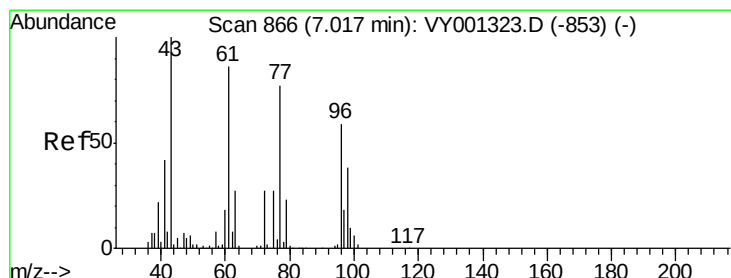
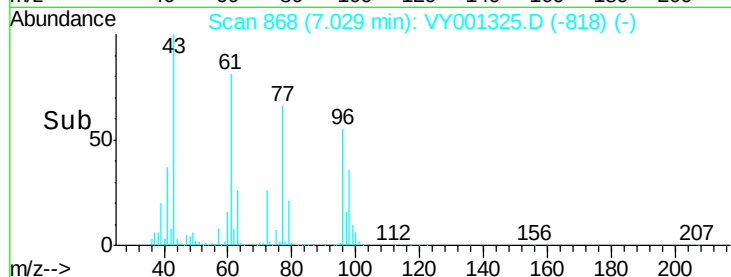
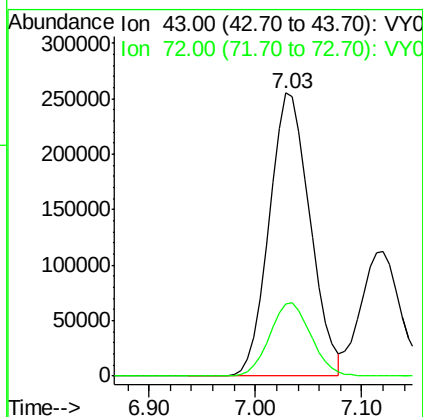
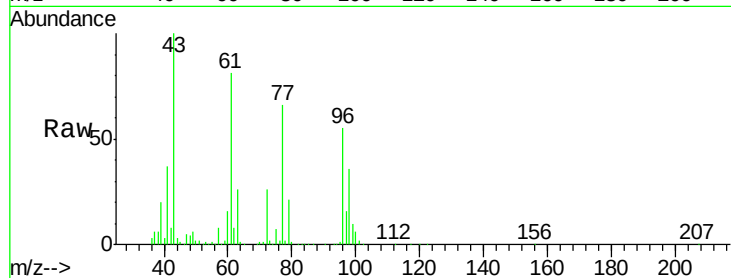




#25
2-Butanone
Concen: 802.23 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

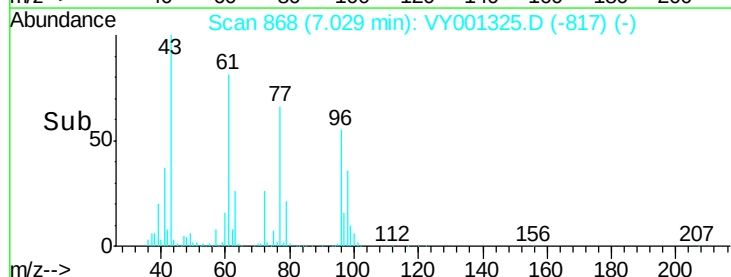
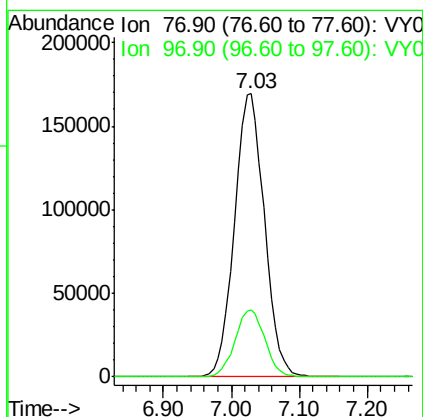
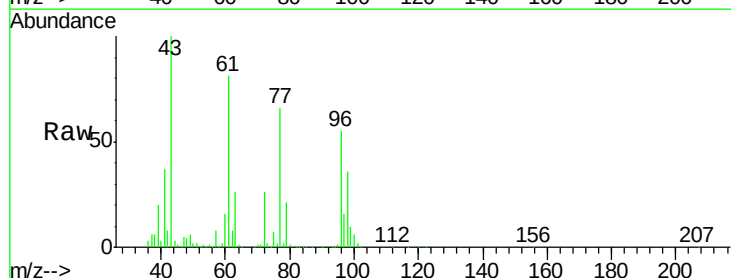
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

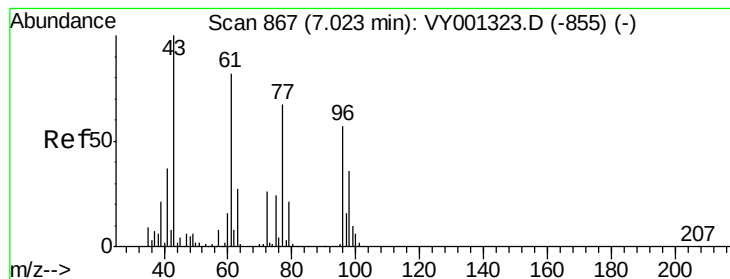
Tgt Ion: 43 Resp: 675954
Ion Ratio Lower Upper
43 100
72 25.6 20.6 31.0



#26
2,2-Dichloropropane
Concen: 152.81 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 77 Resp: 517527
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5



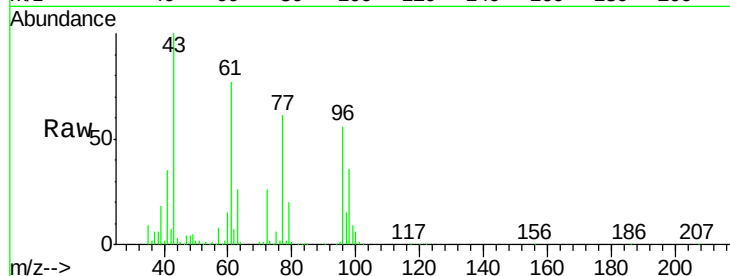


#27

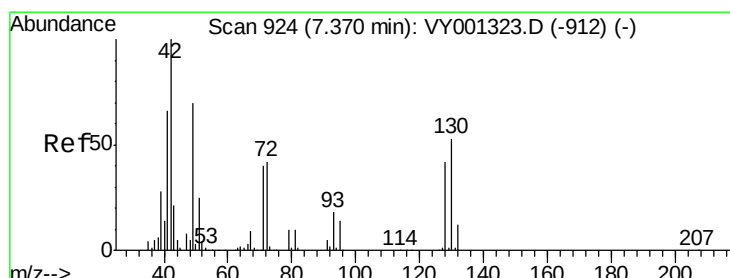
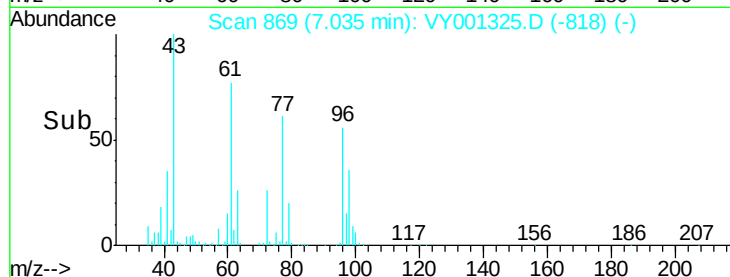
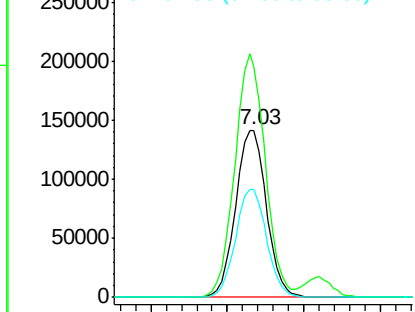
cis-1,2-Dichloroethene
Concen: 161.18 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 394929
Ion Ratio Lower Upper
96 100
61 144.2 0.0 284.8
98 65.0 0.0 128.4



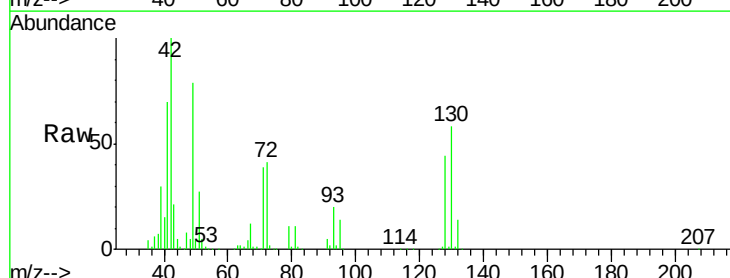
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



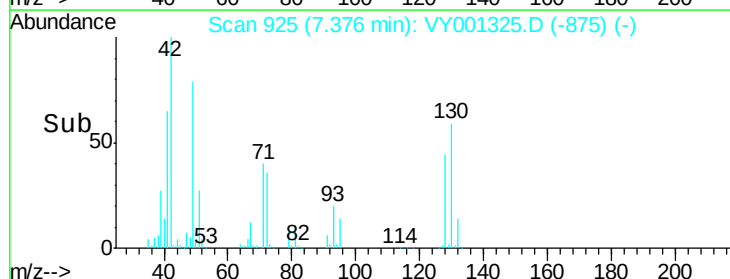
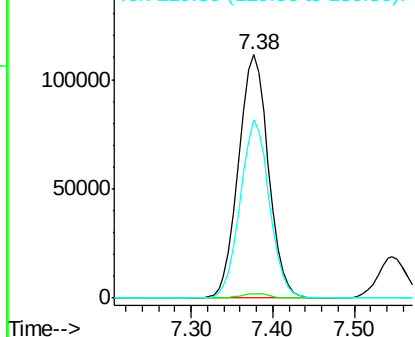
#28

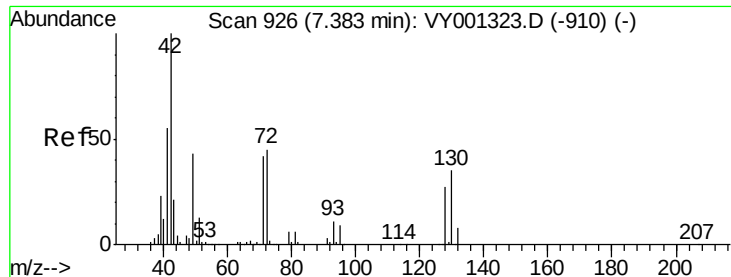
Bromochloromethane
Concen: 187.29 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 49 Resp: 282873
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 71.6 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 852.55 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

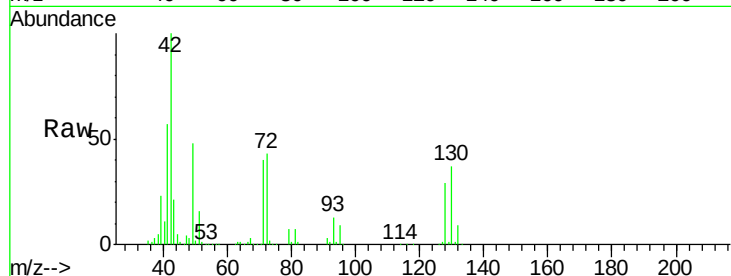
Tgt Ion: 42 Resp: 462245

Ion Ratio Lower Upper

42 100

72 42.2 34.6 51.8

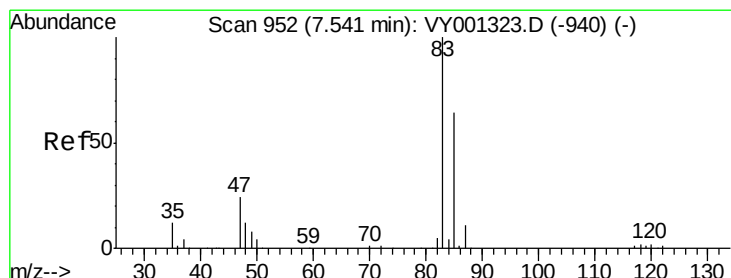
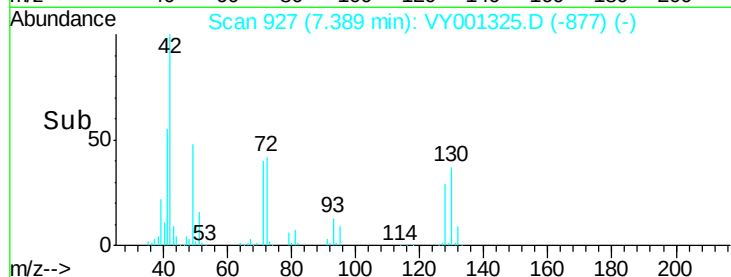
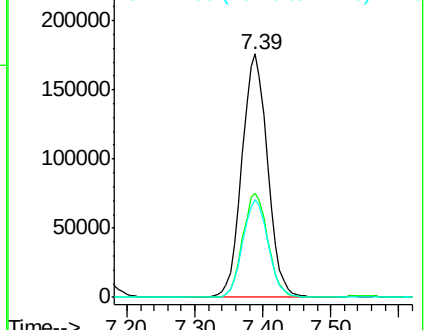
71 39.6 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 162.57 ug/l

RT: 7.55 min Scan# 953

Delta R.T. 0.01 min

Lab File: VY001325.D

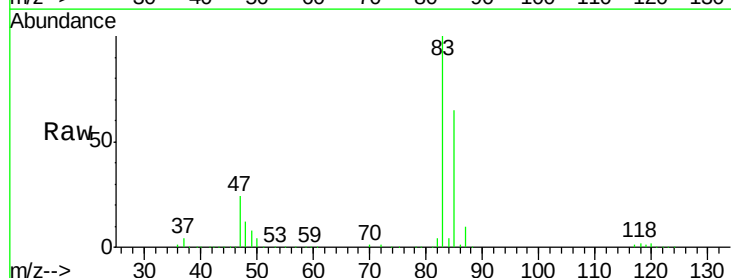
Acq: 21 Jan 2020 16:29

Tgt Ion: 83 Resp: 599396

Ion Ratio Lower Upper

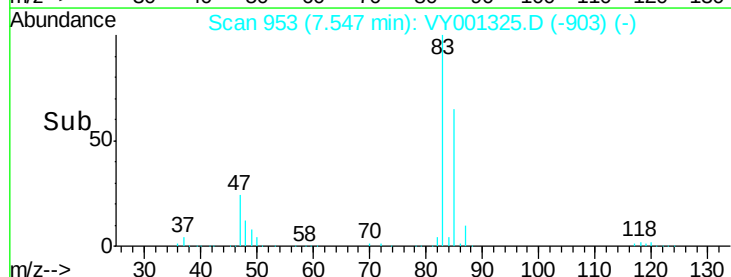
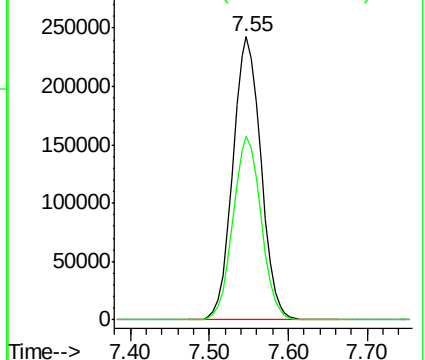
83 100

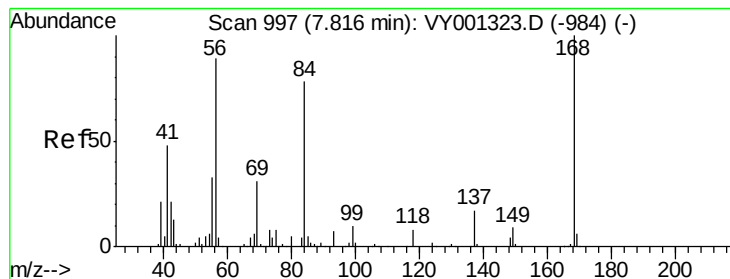
85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 148.79 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

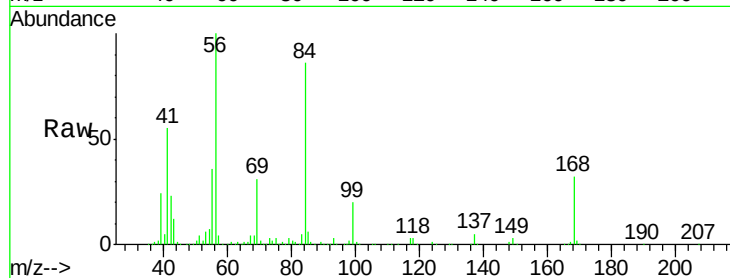
Tgt Ion: 56 Resp: 564194

Ion Ratio Lower Upper

56 100

69 31.2 27.6 41.4

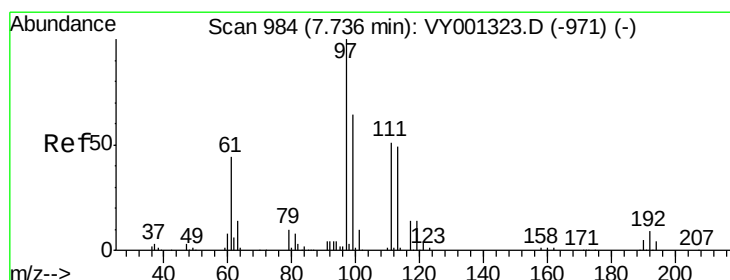
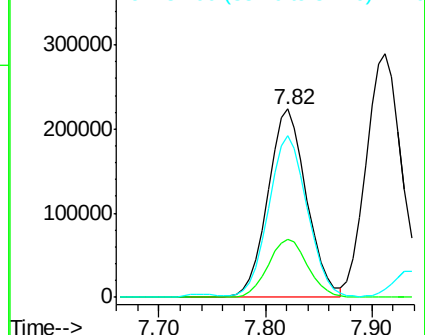
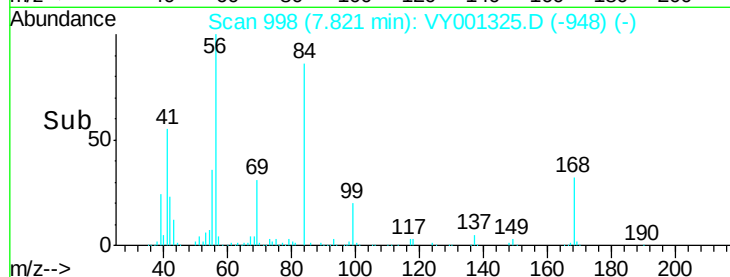
84 85.0 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VY001325.D (-948) (-)

Ion 69.00 (68.70 to 69.70): VY001325.D (-948) (-)

Ion 84.00 (83.70 to 84.70): VY001325.D (-948) (-)



#32

1,1,1-Trichloroethane

Concen: 160.45 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

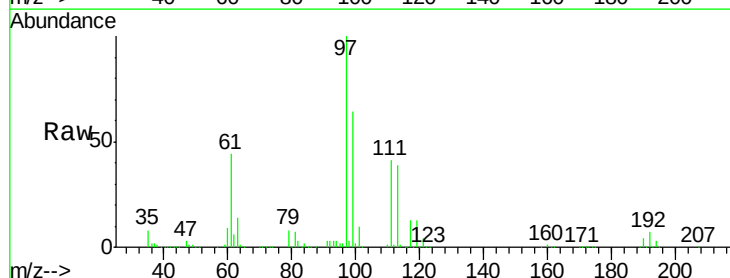
Tgt Ion: 97 Resp: 500654

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

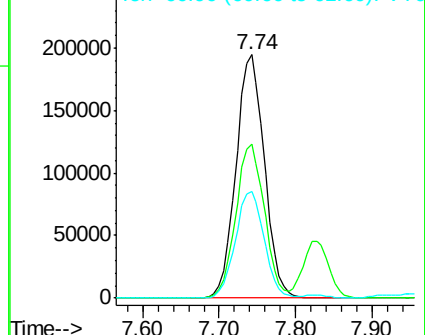
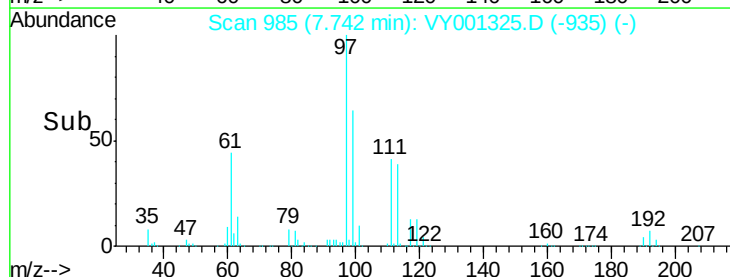
61 44.3 35.9 53.9

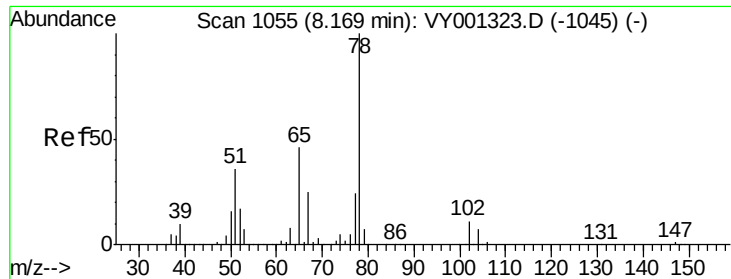


Abundance Ion 96.90 (96.60 to 97.60): VY001325.D (-935) (-)

Ion 98.90 (98.60 to 99.60): VY001325.D (-935) (-)

Ion 60.90 (60.60 to 61.60): VY001325.D (-935) (-)

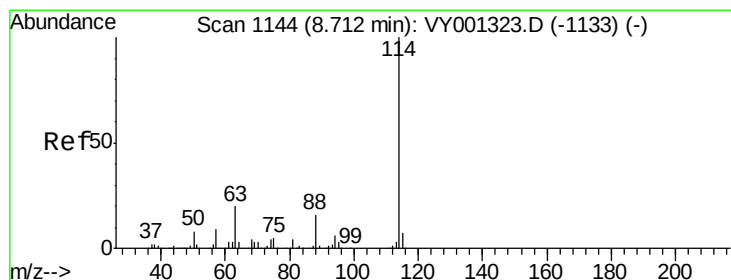
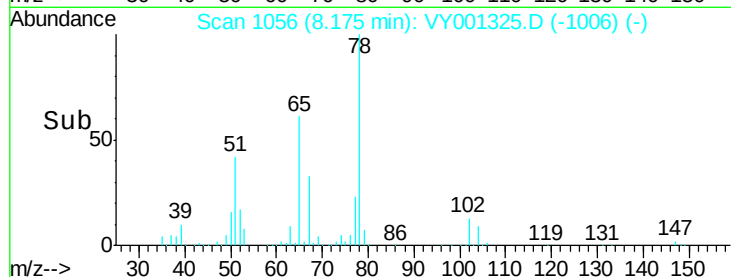
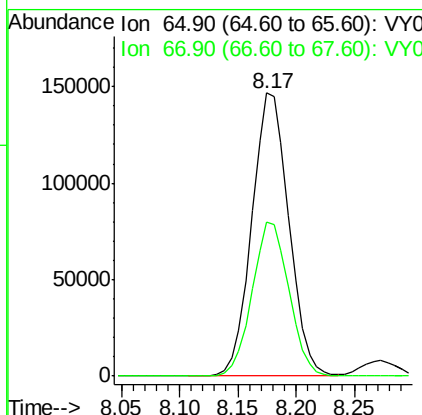
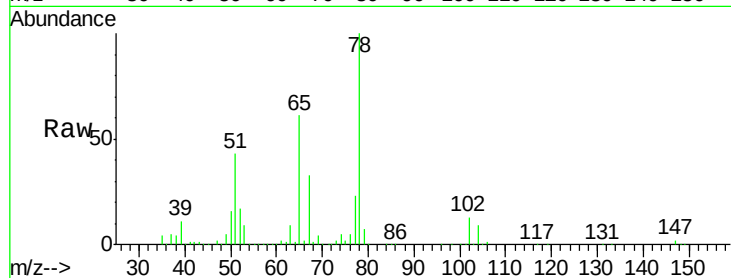




#33
 1,2-Dichloroethane-d4
 Concen: 168.43 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

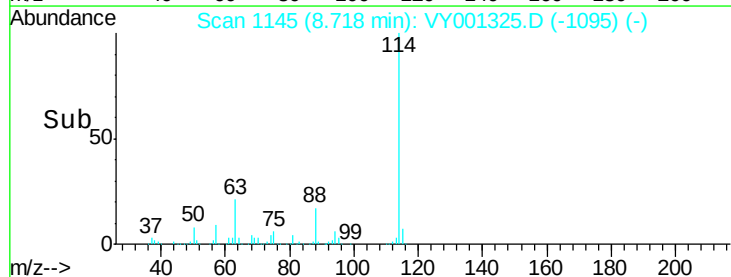
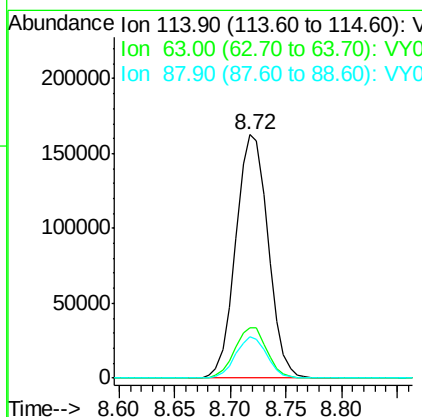
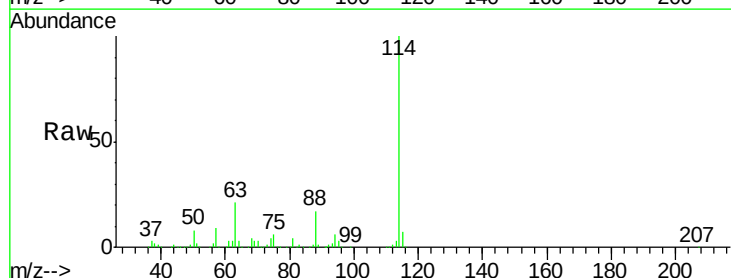
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

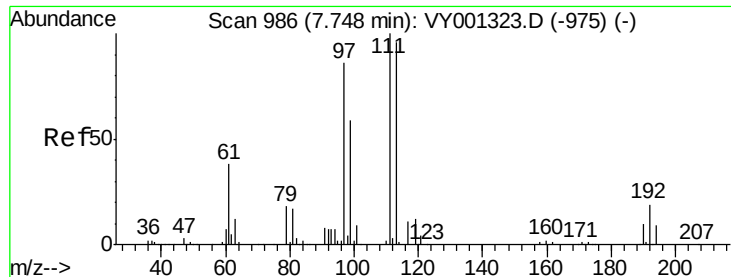
Tgt Ion: 65 Resp: 323227
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 114 Resp: 327360
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.8 0.0 31.0

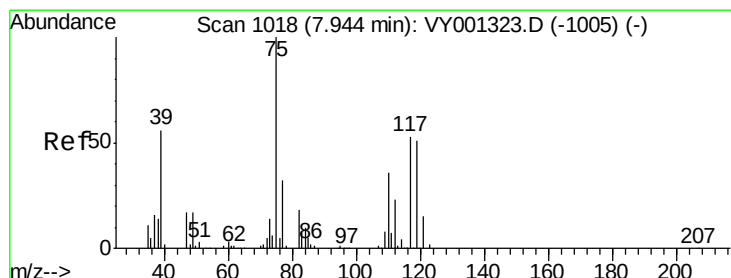
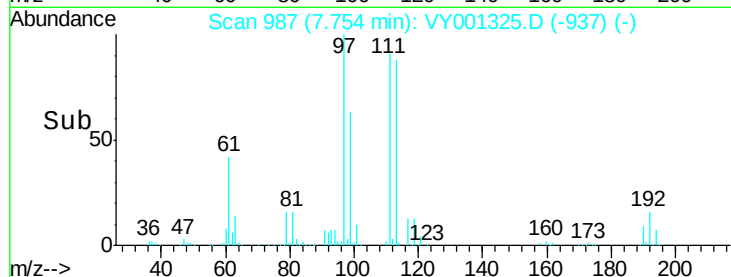
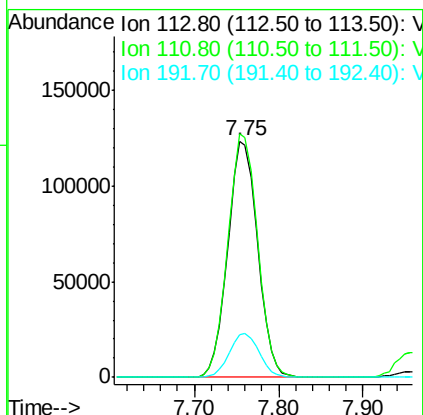
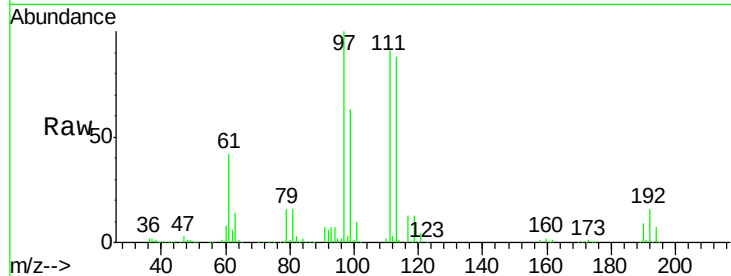




#35
 Dibromofluoromethane
 Concen: 154.40 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

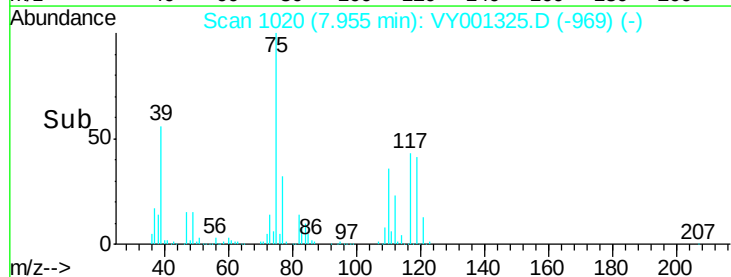
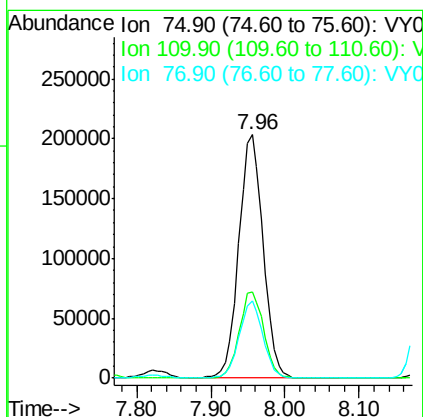
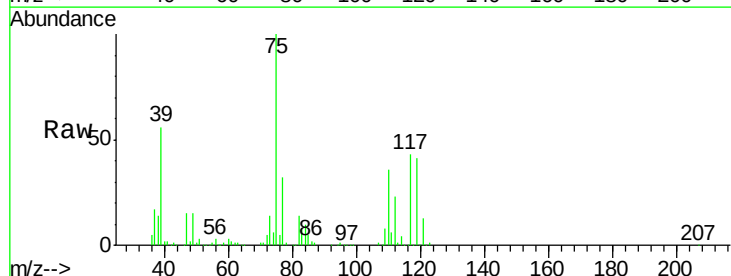
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

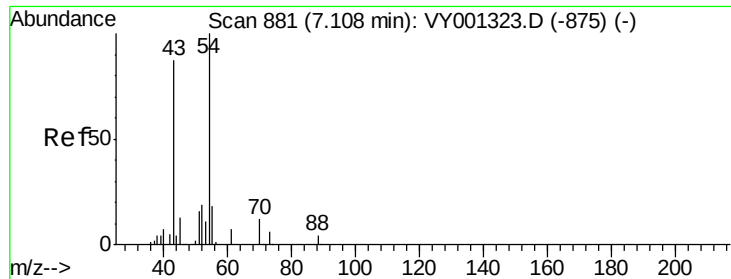
Tgt Ion: 113 Resp: 295209
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 18.5 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 150.95 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 75 Resp: 466367
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.6 52.8
 77 31.1 24.7 37.1

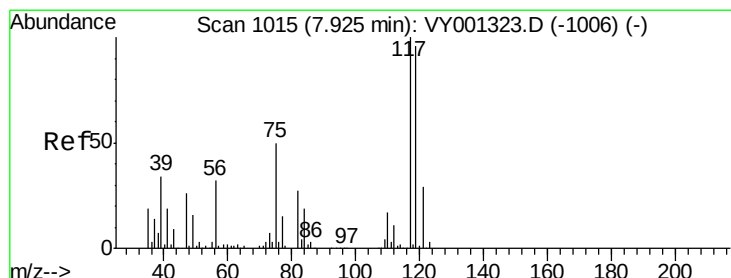
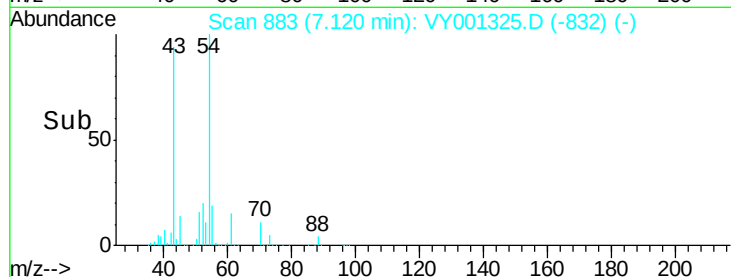
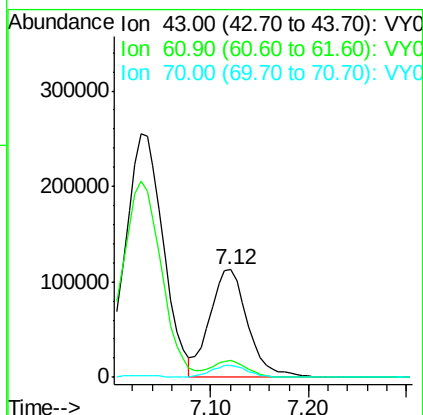
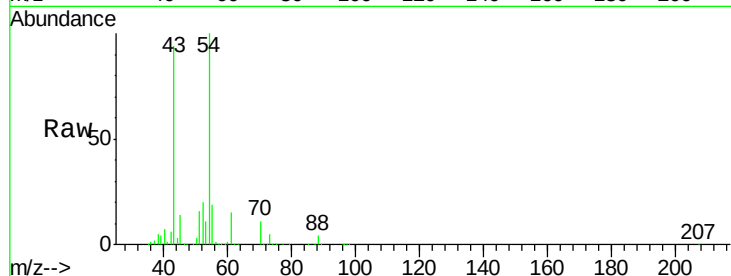




#37
Ethyl Acetate
Concen: 162.43 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

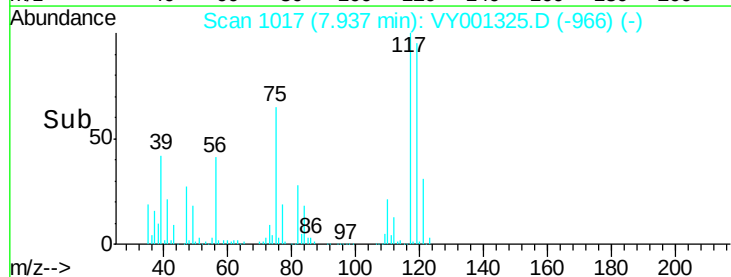
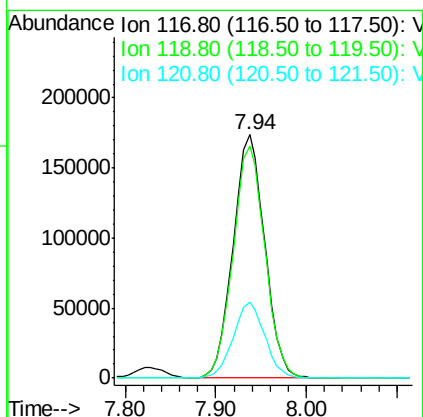
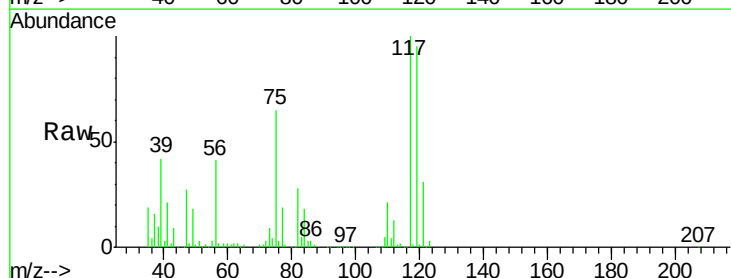
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

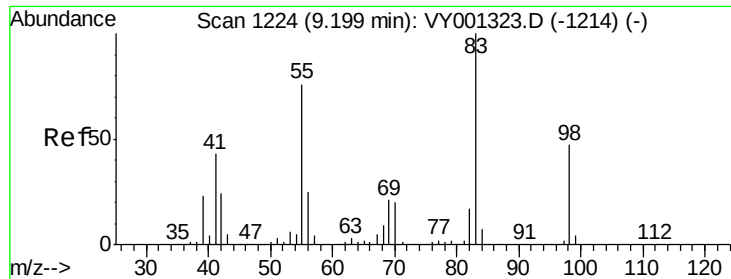
Tgt Ion: 43 Resp: 302737
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 153.03 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 117 Resp: 420383
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5
121 31.4 23.5 35.3

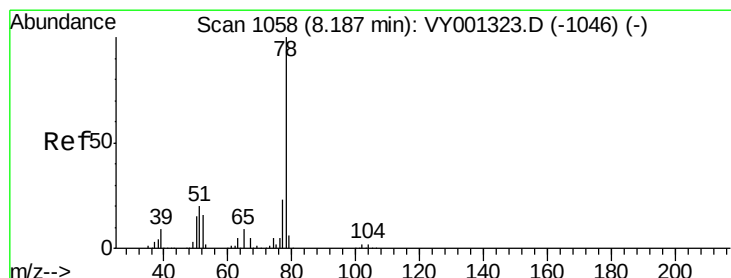
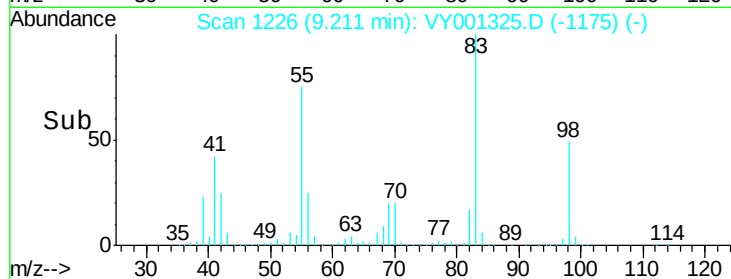
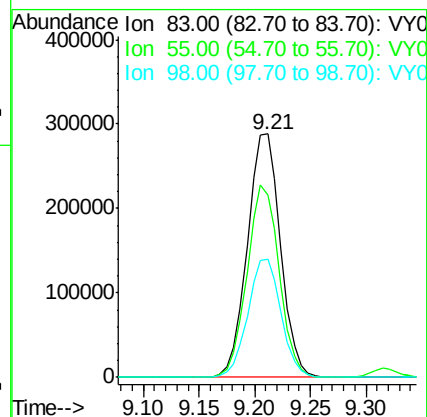
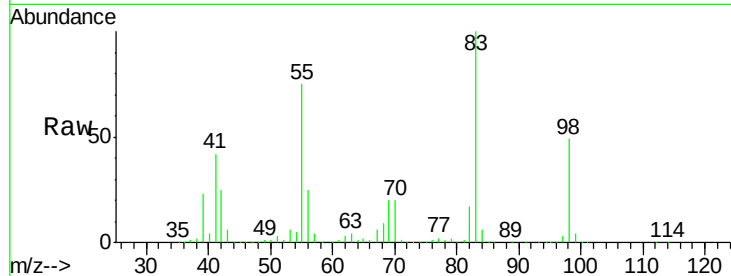




#39
Methylcyclohexane
Concen: 150.54 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

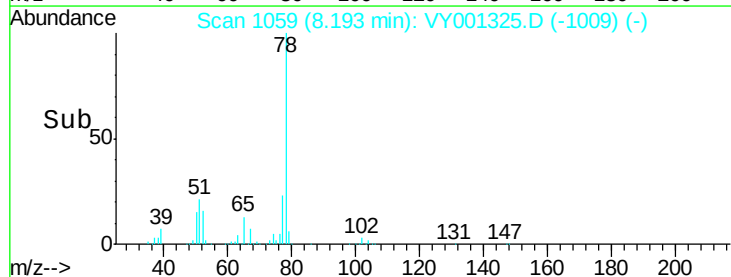
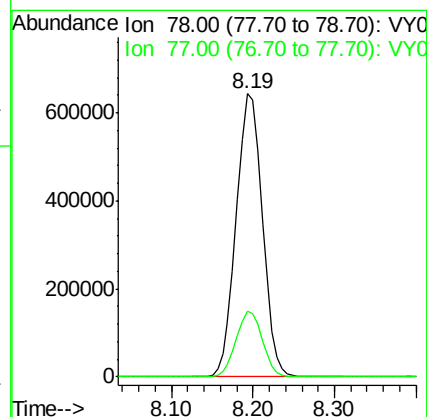
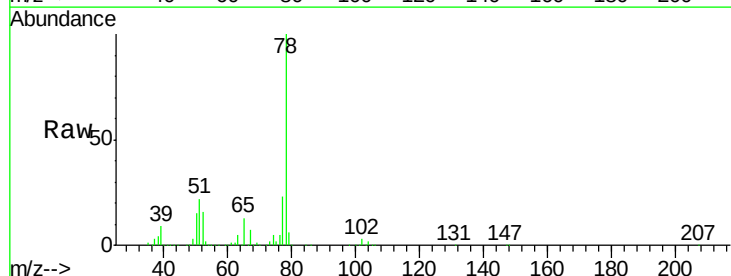
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

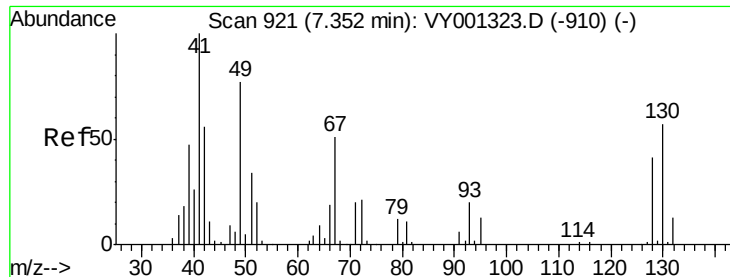
Tgt Ion: 83 Resp: 596076
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 48.7 37.8 56.8



#40
Benzene
Concen: 154.54 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 78 Resp: 1425904
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

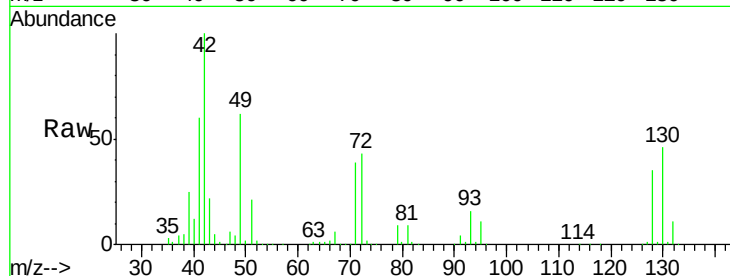




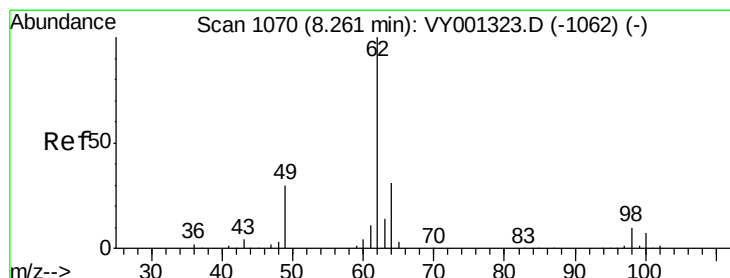
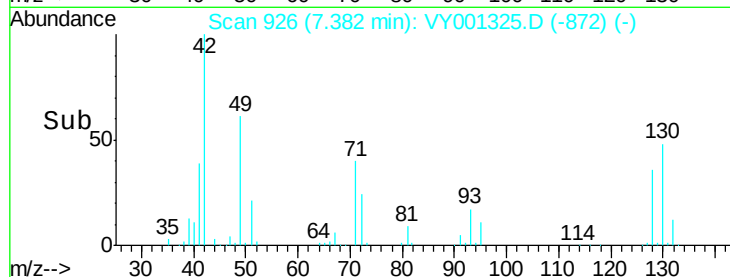
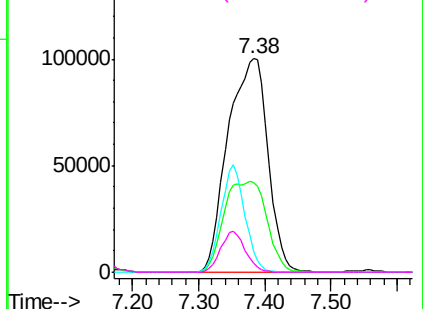
#41
Methacrylonitrile
Concen: 427.89 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.03 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 420531
Ion Ratio Lower Upper
41 100
39 45.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

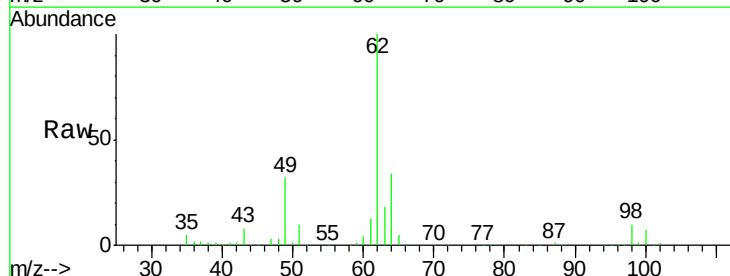


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

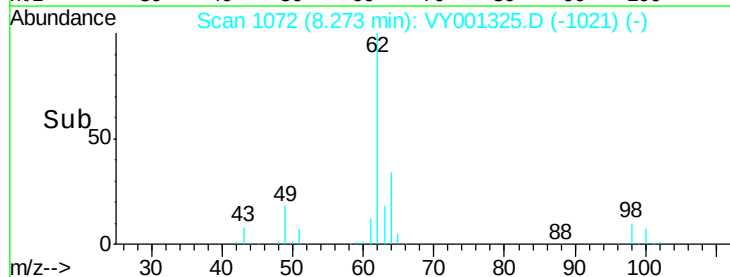
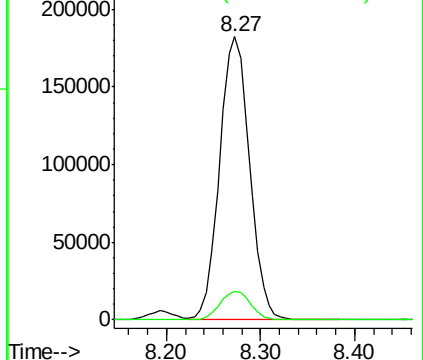


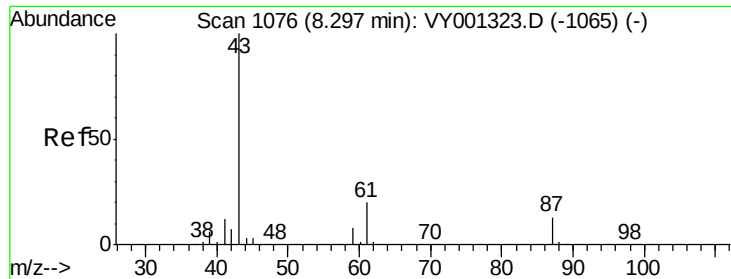
#42
1,2-Dichloroethane
Concen: 156.49 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 62 Resp: 402572
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8



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





#43

Isopropyl Acetate

Concen: 162.54 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

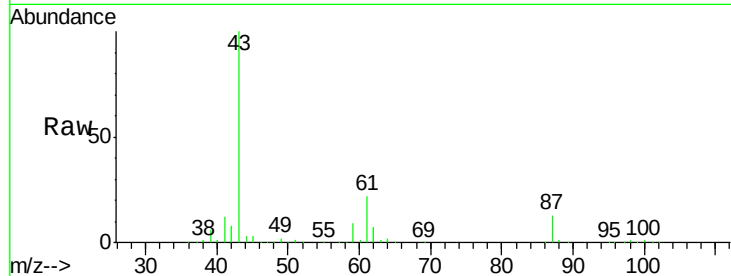
Tgt Ion: 43 Resp: 589012

Ion Ratio Lower Upper

43 100

61 28.3 22.7 34.1

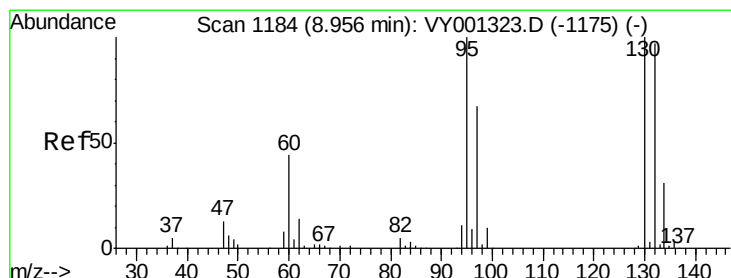
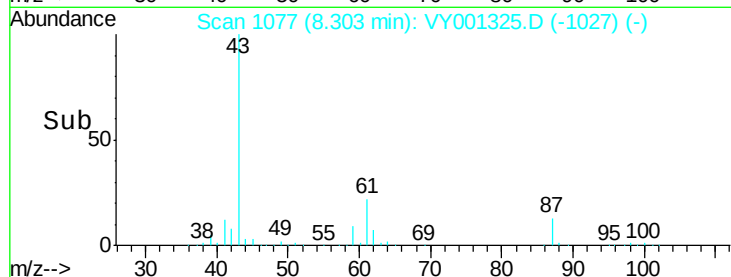
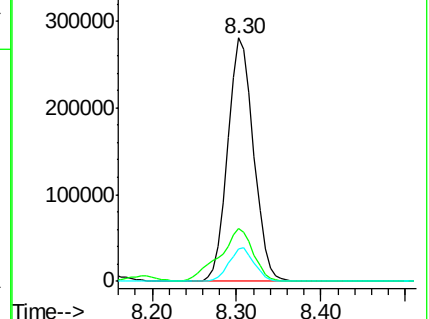
87 13.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001323.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001323.D (-1065) (-)



#44

Trichloroethene

Concen: 150.26 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001325.D

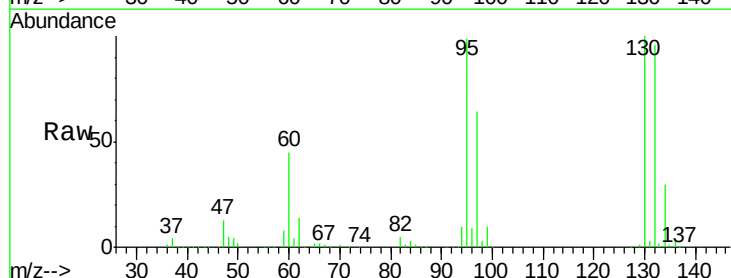
Acq: 21 Jan 2020 16:29

Tgt Ion: 130 Resp: 357461

Ion Ratio Lower Upper

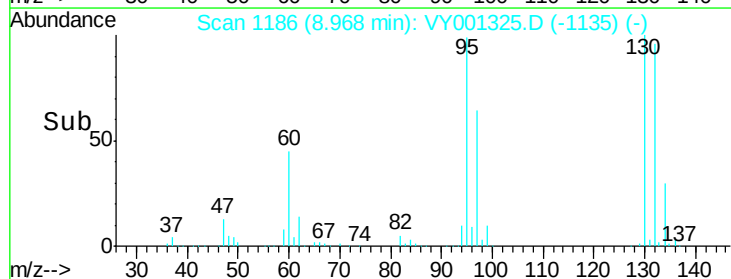
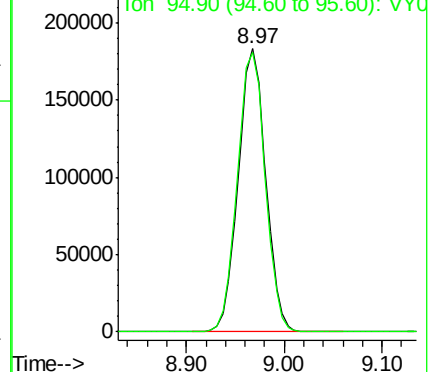
130 100

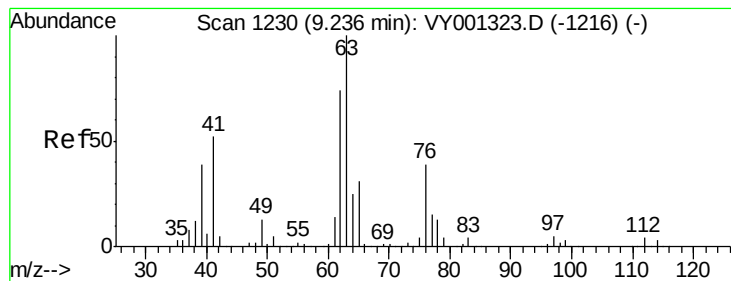
95 98.8 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001323.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001323.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 157.64 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

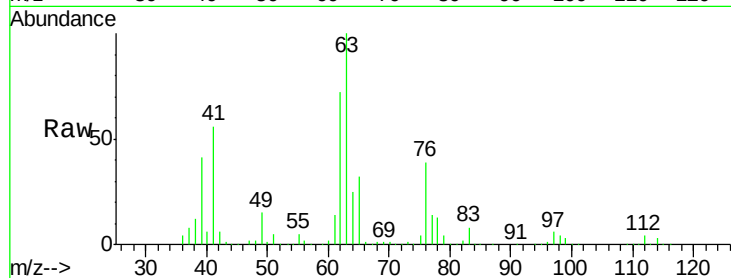
VSTDIC150

Tgt Ion: 63 Resp: 366432

Ion Ratio Lower Upper

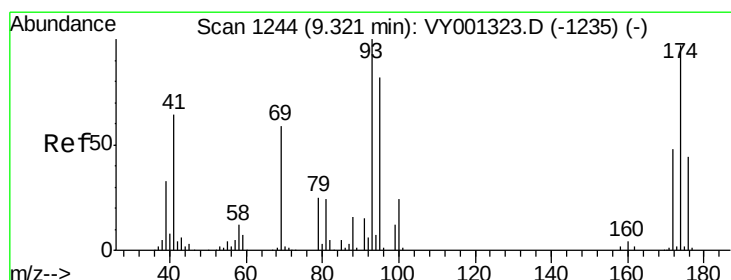
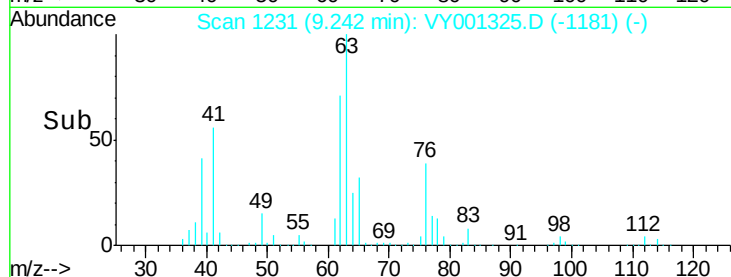
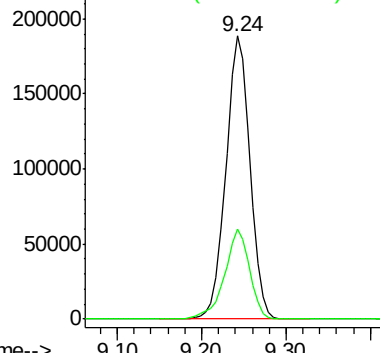
63 100

65 32.0 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 155.50 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

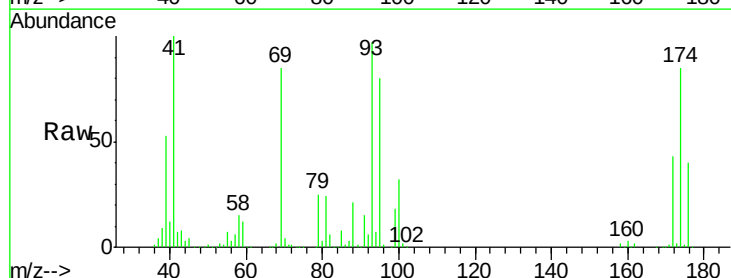
Tgt Ion: 93 Resp: 194506

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

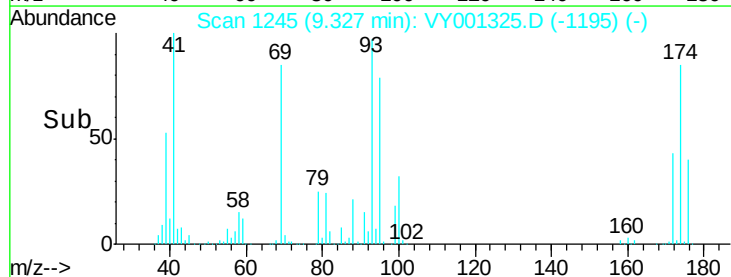
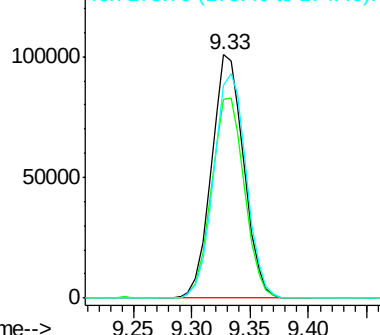
174 93.4 77.9 116.9

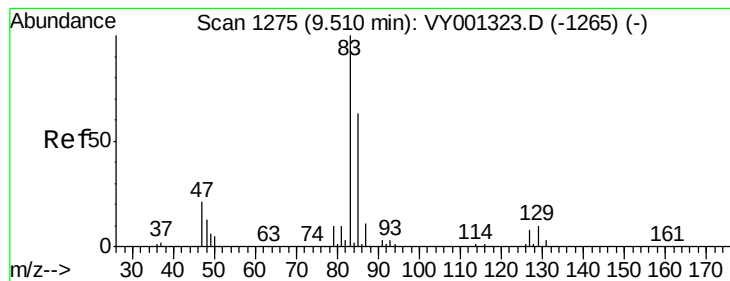


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 160.32 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

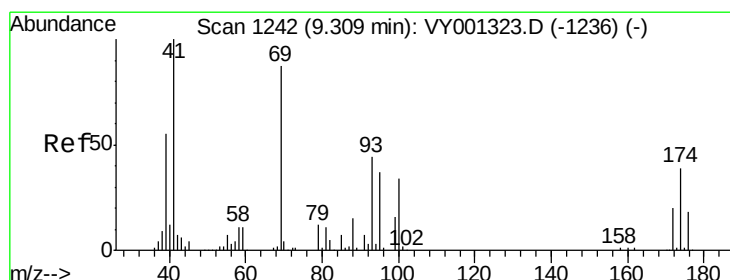
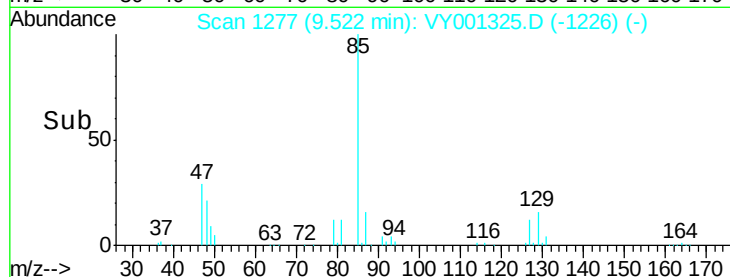
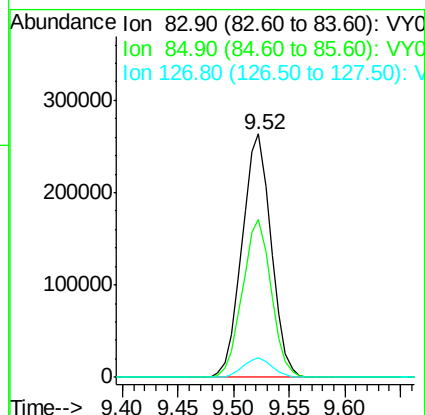
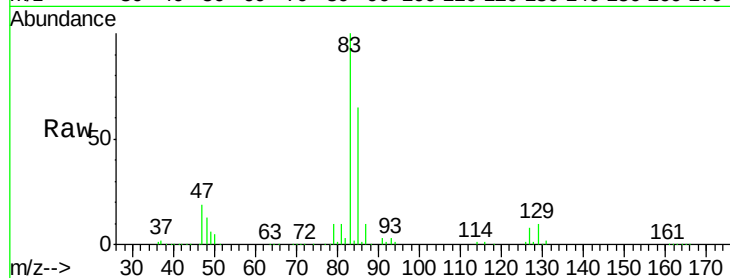
Tgt Ion: 83 Resp: 476854

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.2

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 165.43 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

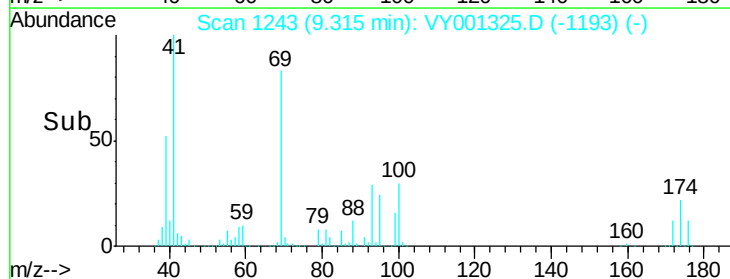
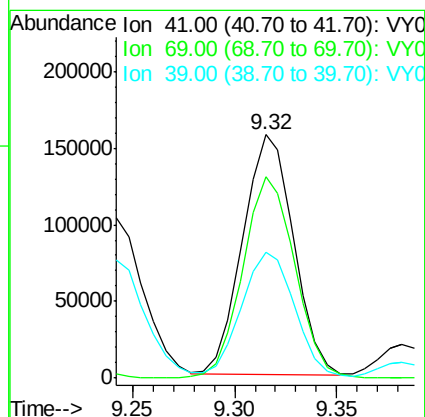
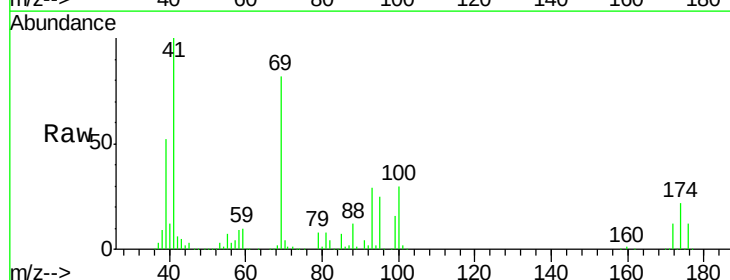
Tgt Ion: 41 Resp: 271668

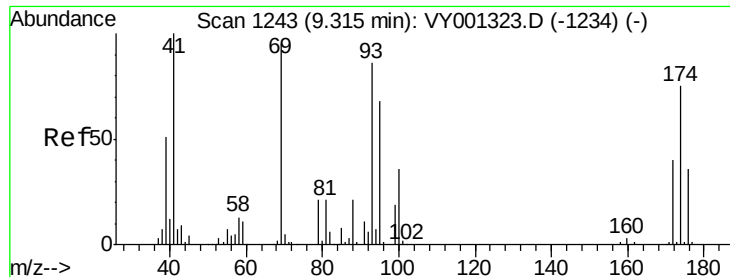
Ion Ratio Lower Upper

41 100

69 85.7 70.2 105.4

39 54.9 45.7 68.5





#49

1,4-Dioxane

Concen: 3265.77 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

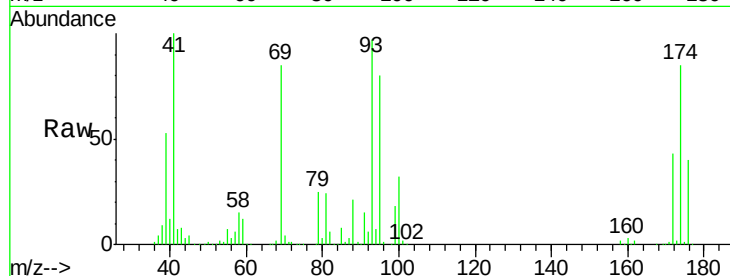
Tgt Ion: 88 Resp: 57116

Ion Ratio Lower Upper

88 100

43 32.5 28.2 42.2

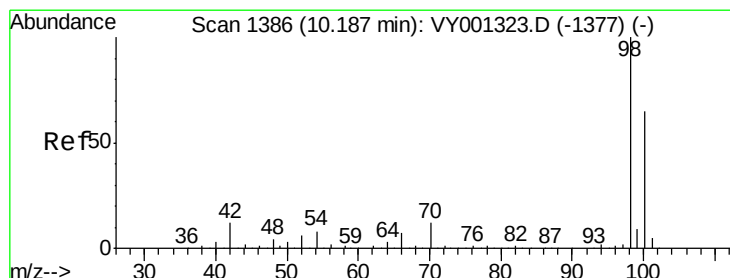
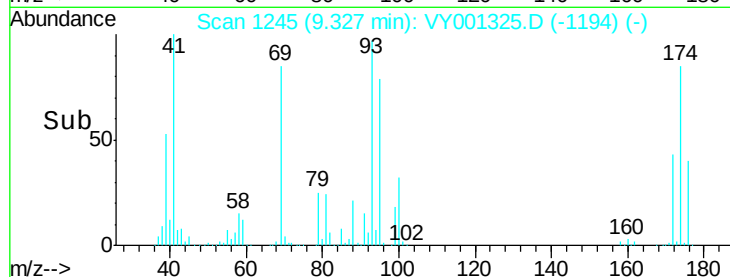
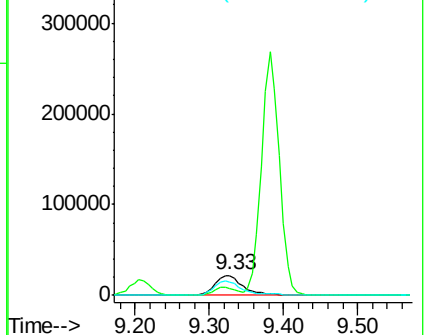
58 74.1 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VY001323.D (-1234) (-)

Ion 43.00 (42.70 to 43.70): VY001323.D (-1234) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1234) (-)



#50

Toluene-d8

Concen: 164.29 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001325.D

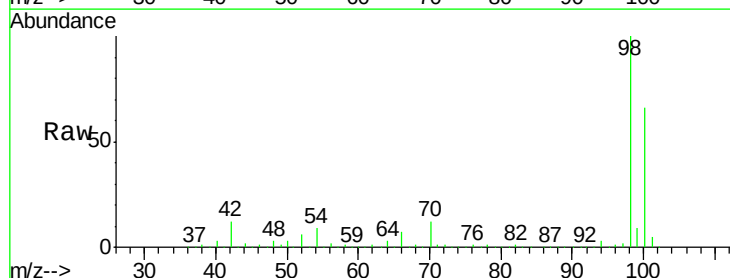
Acq: 21 Jan 2020 16:29

Tgt Ion: 98 Resp: 1207188

Ion Ratio Lower Upper

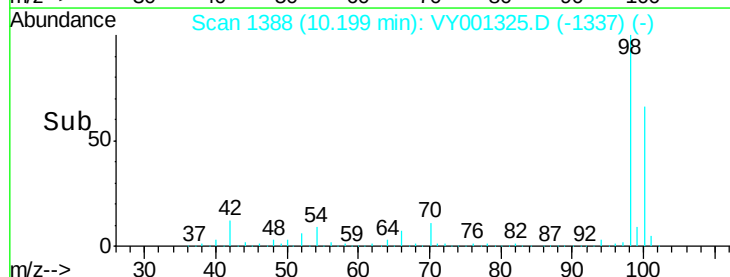
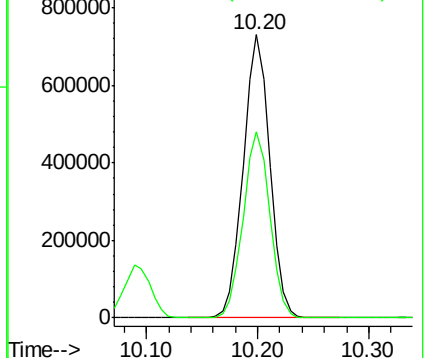
98 100

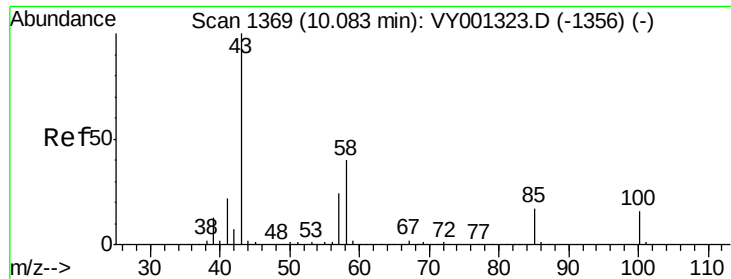
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)





#51

4-Methyl-2-Pentanone

Concen: 815.23 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

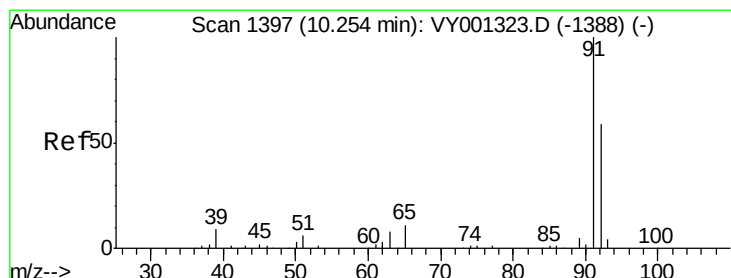
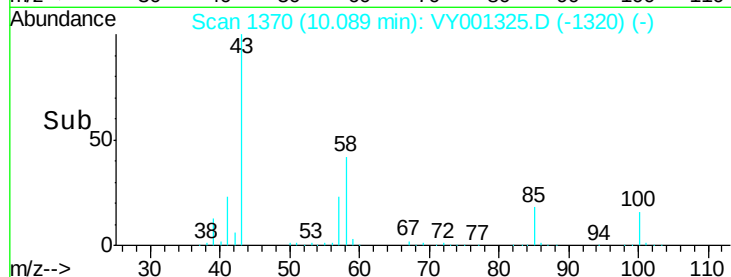
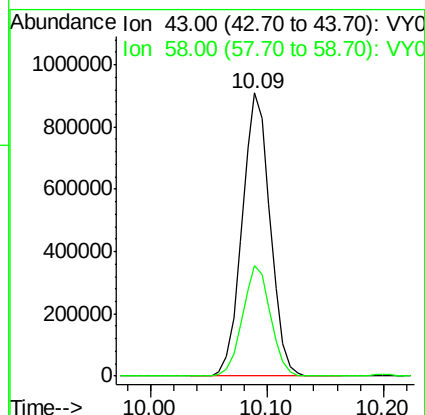
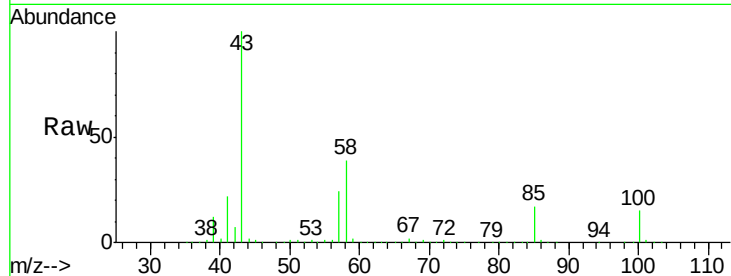
VSTDIC150

Tgt Ion: 43 Resp: 1520530

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



#52

Toluene

Concen: 156.77 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001325.D

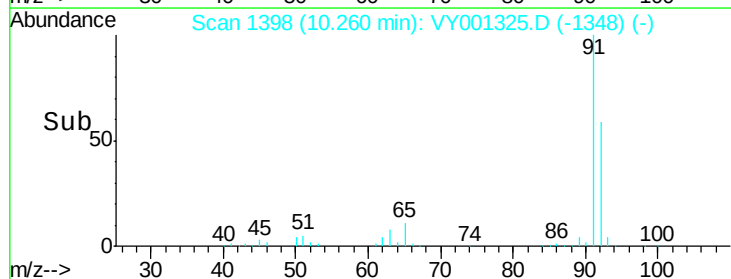
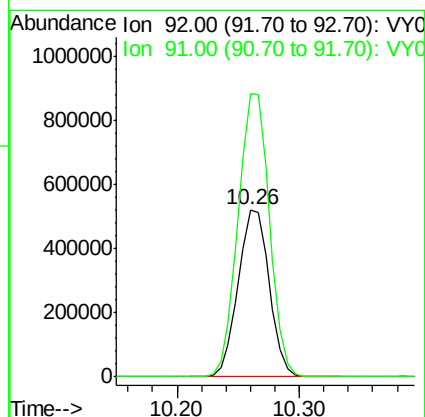
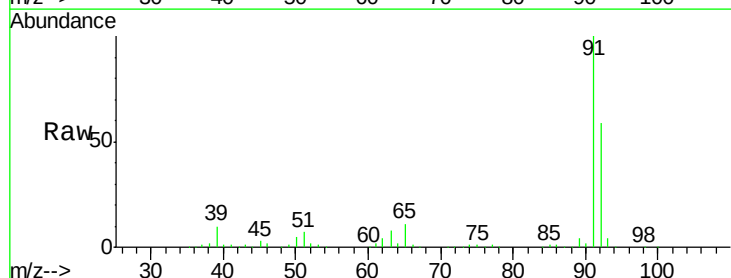
Acq: 21 Jan 2020 16:29

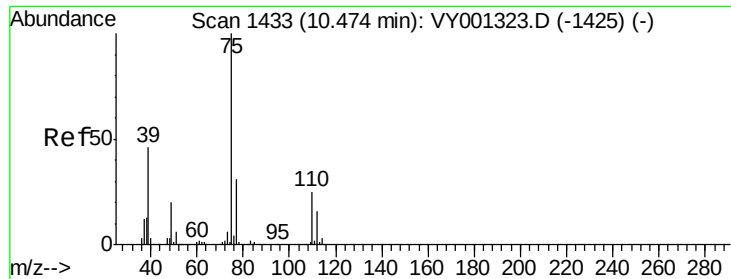
Tgt Ion: 92 Resp: 914678

Ion Ratio Lower Upper

92 100

91 171.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 164.96 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

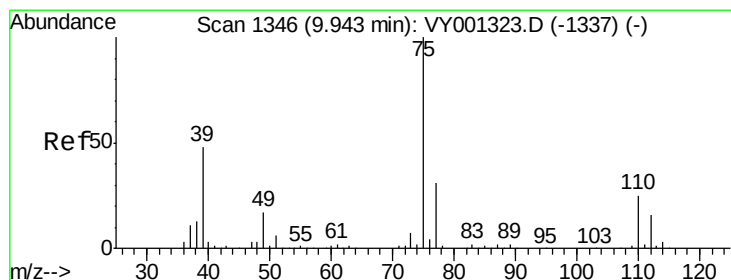
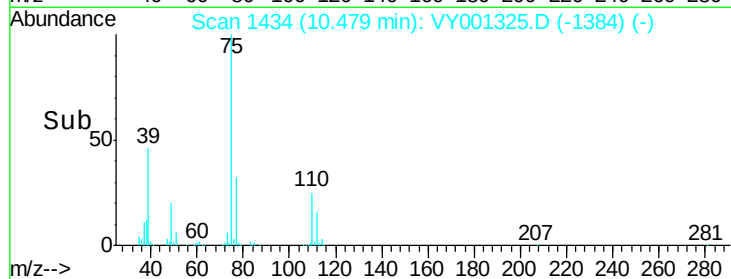
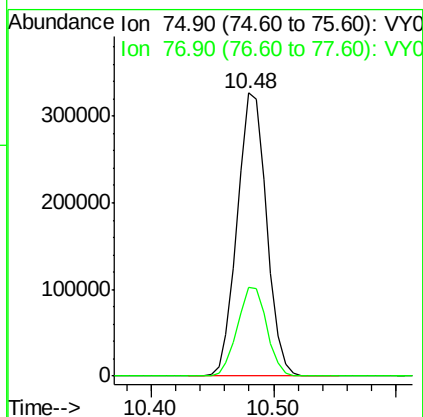
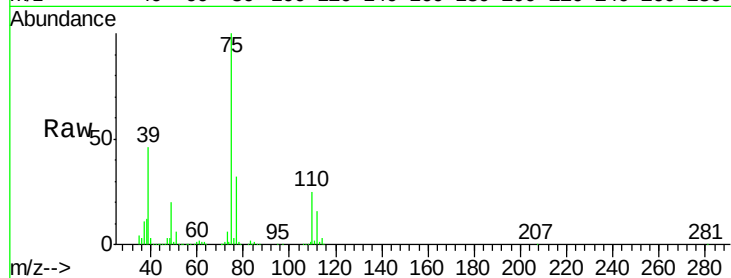
VSTDIC150

Tgt Ion: 75 Resp: 541077

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 159.96 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

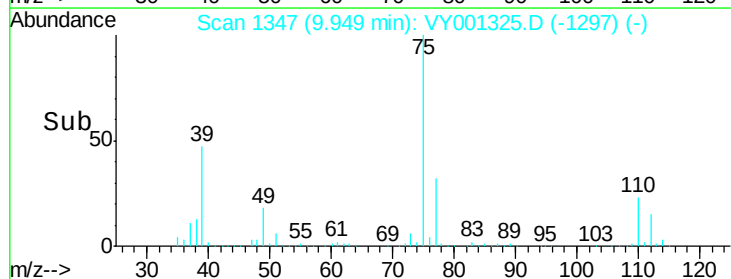
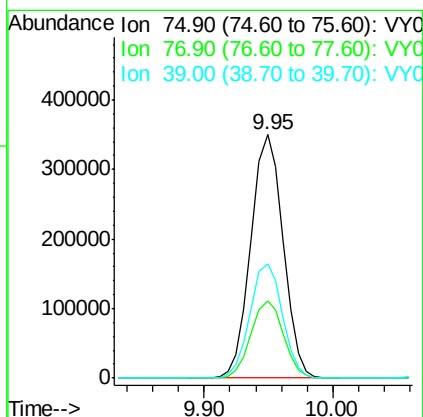
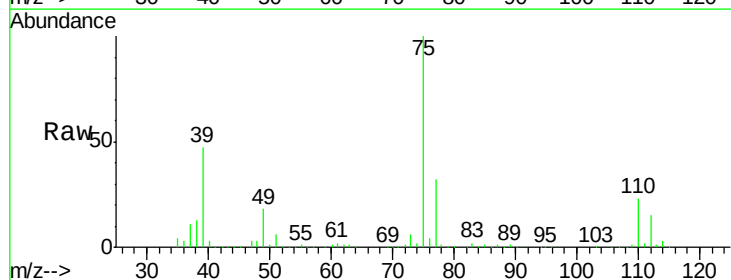
Tgt Ion: 75 Resp: 605547

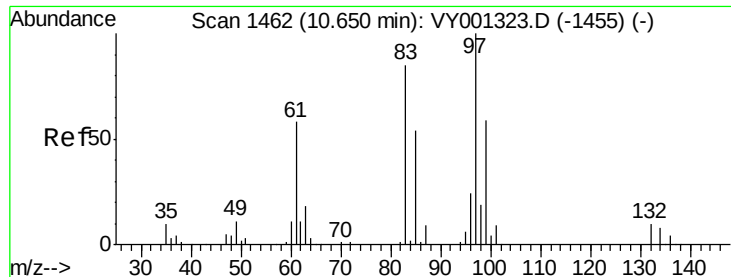
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 47.1 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 158.67 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 291925

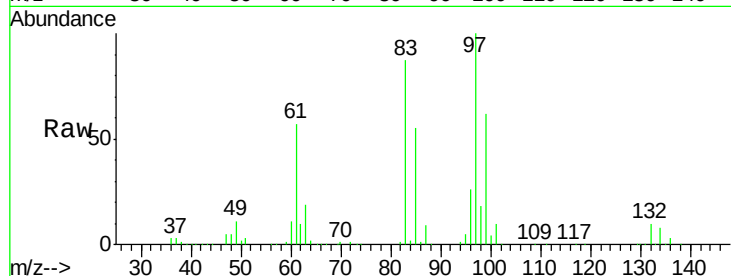
Ion Ratio Lower Upper

97 100

83 86.6 68.0 102.0

85 55.4 43.6 65.4

99 61.5 47.1 70.7

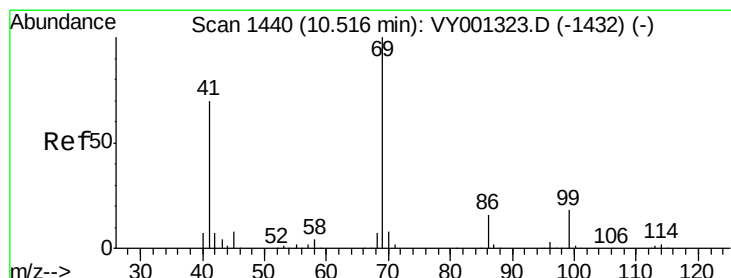
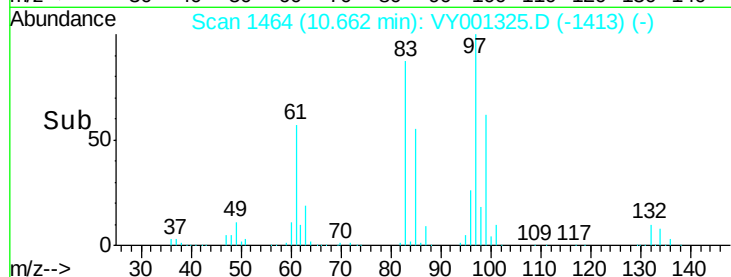
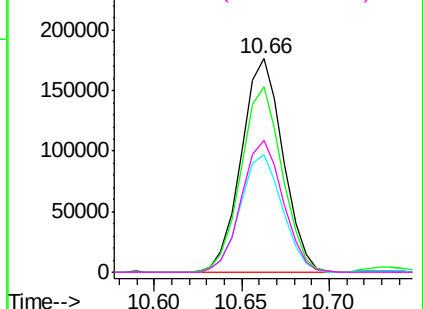


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 166.49 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

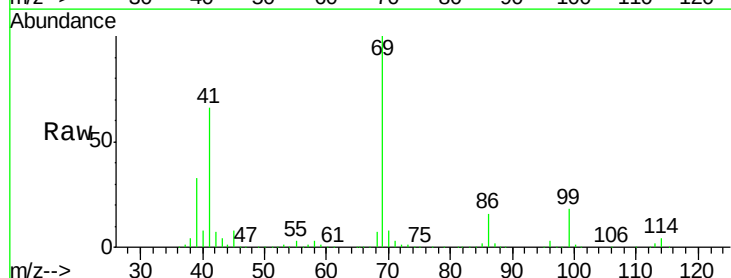
Tgt Ion: 69 Resp: 459015

Ion Ratio Lower Upper

69 100

41 65.8 54.1 81.1

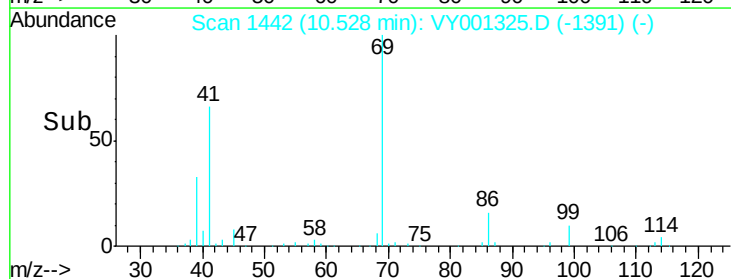
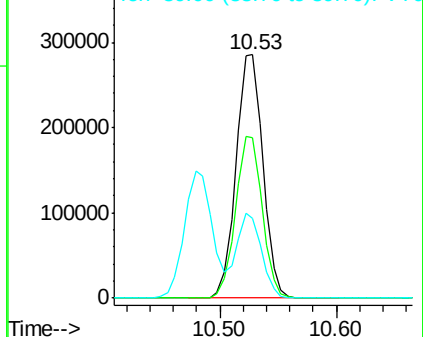
39 32.7 26.8 40.2

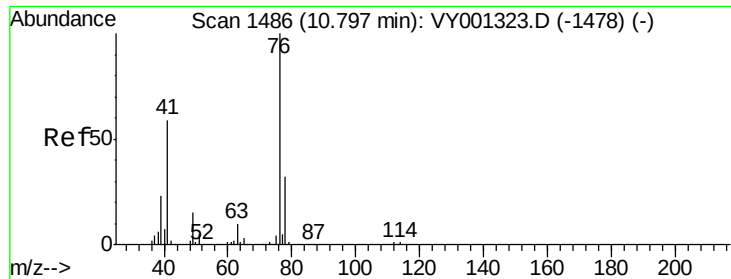


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

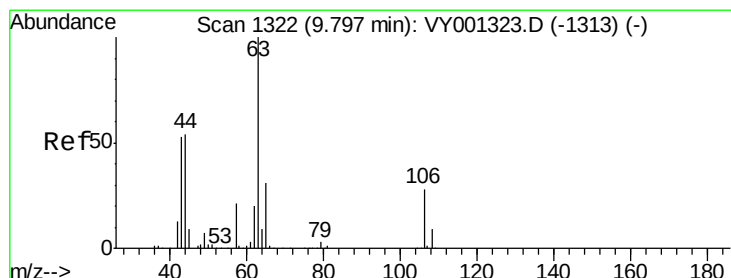
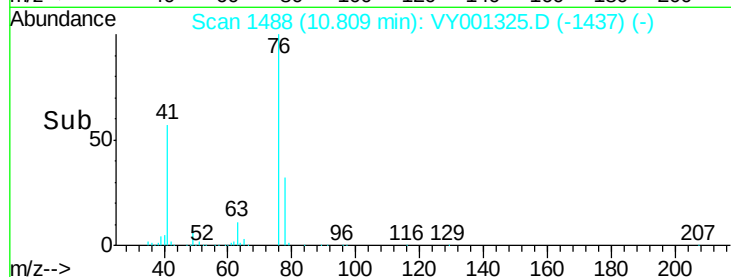
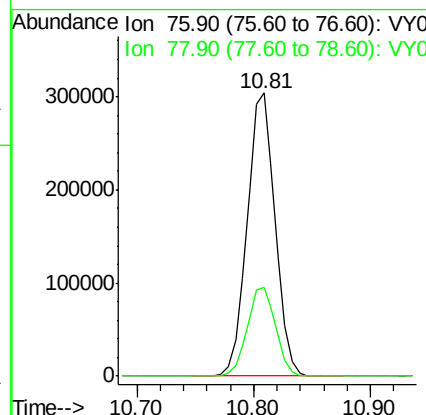
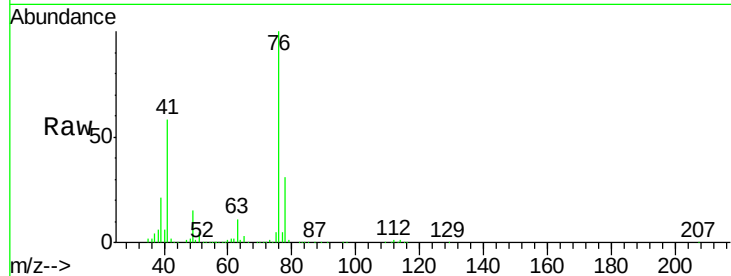




#57
 1,3-Dichloropropane
 Concen: 158.53 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

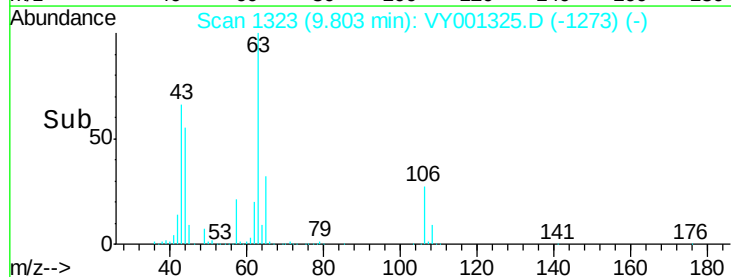
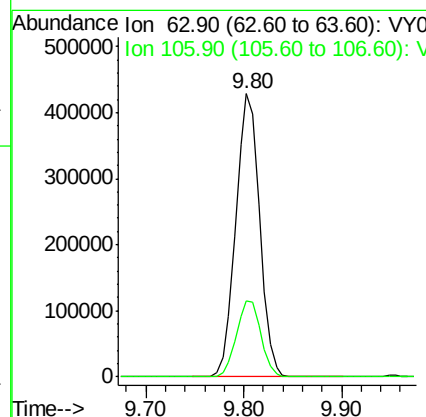
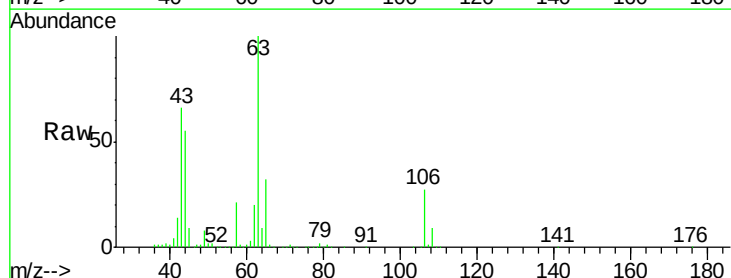
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

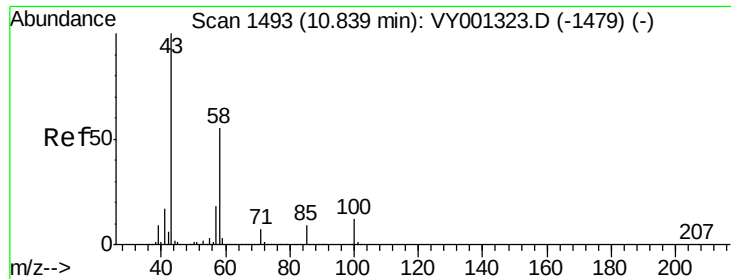
Tgt Ion: 76 Resp: 508148
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 743.10 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 63 Resp: 723033
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.5 33.7

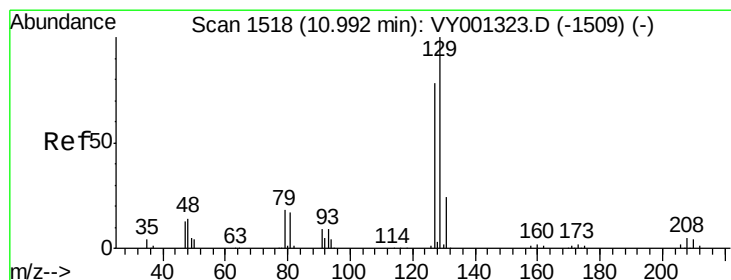
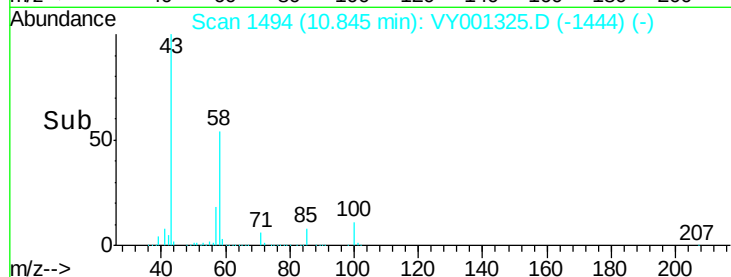
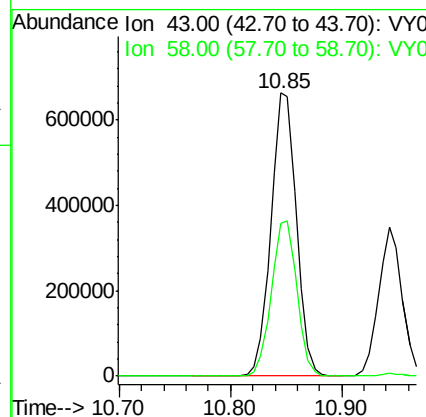
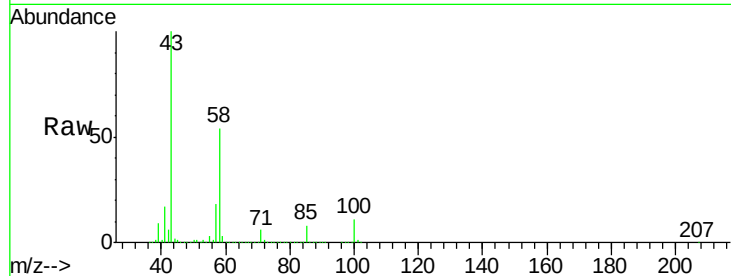




#59
2-Hexanone
Concen: 812.31 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

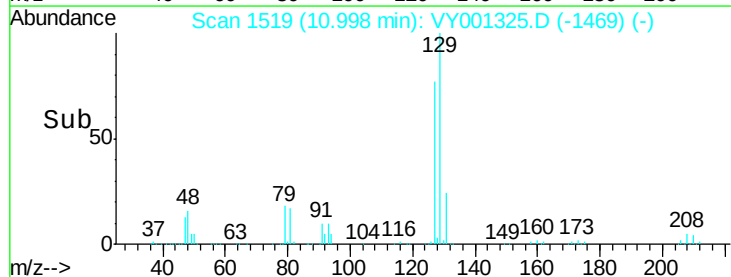
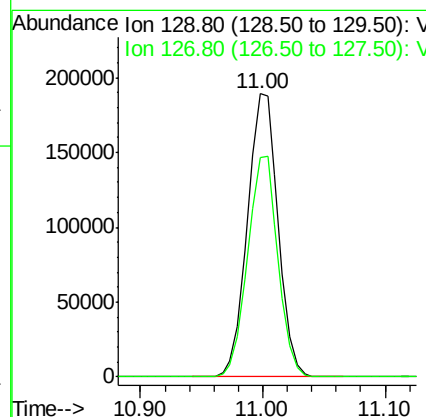
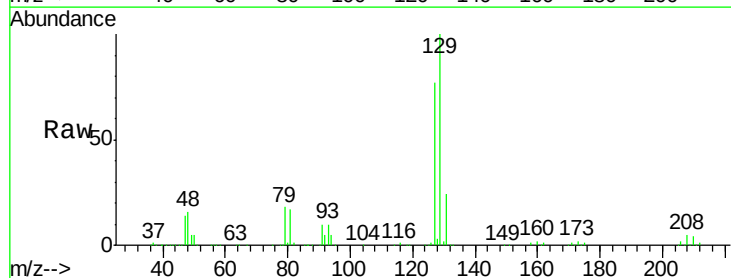
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

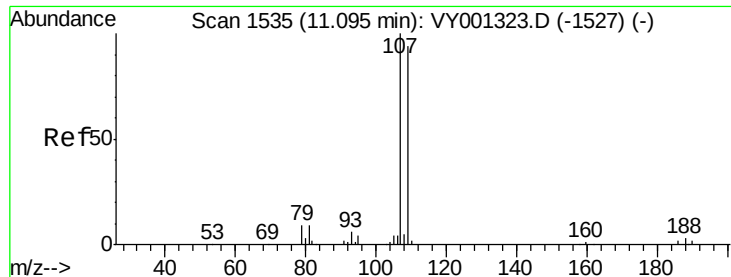
Tgt Ion: 43 Resp: 1055429
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.8



#60
Dibromochloromethane
Concen: 159.95 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 129 Resp: 328679
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

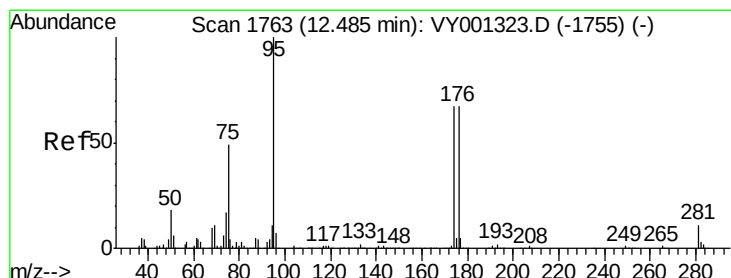
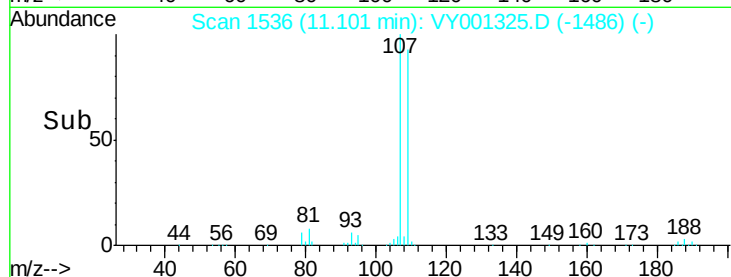
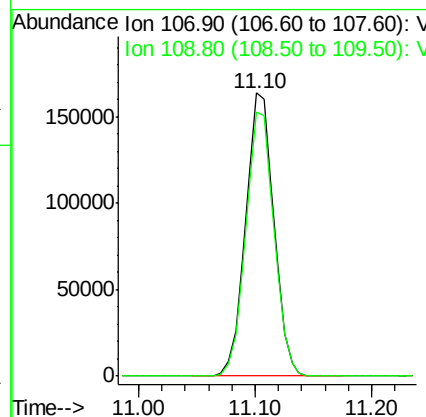
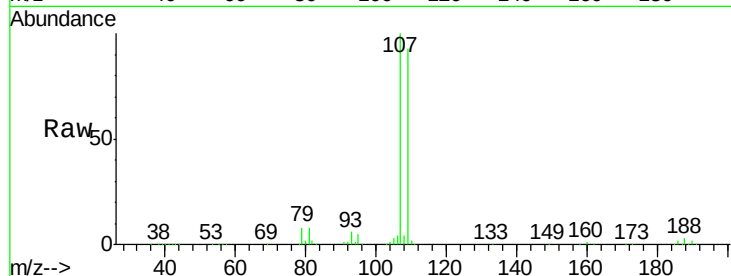




#61
 1,2-Dibromoethane
 Concen: 160.02 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

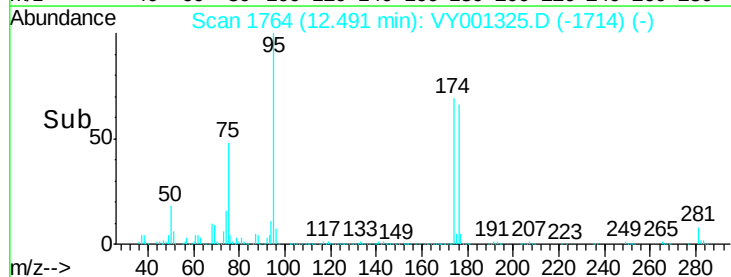
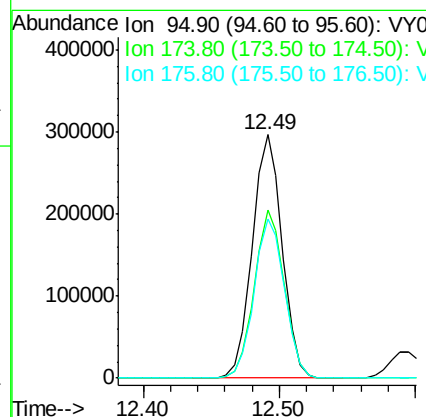
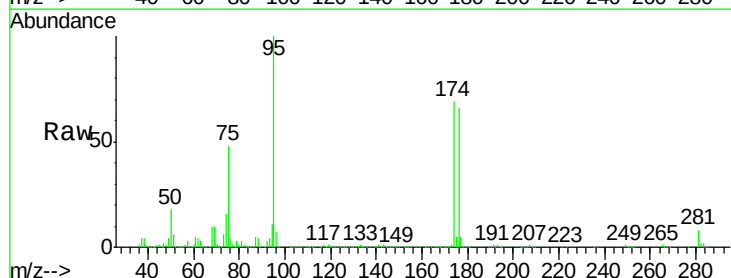
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

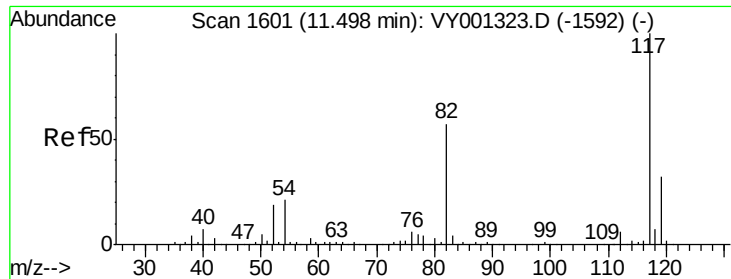
Tgt Ion: 107 Resp: 277906
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 153.56 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 95 Resp: 454680
 Ion Ratio Lower Upper
 95 100
 174 69.4 0.0 142.0
 176 67.0 0.0 138.6

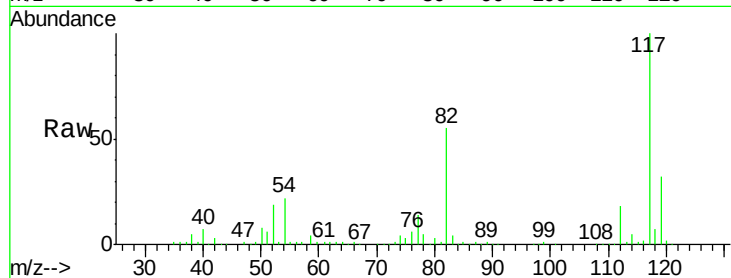




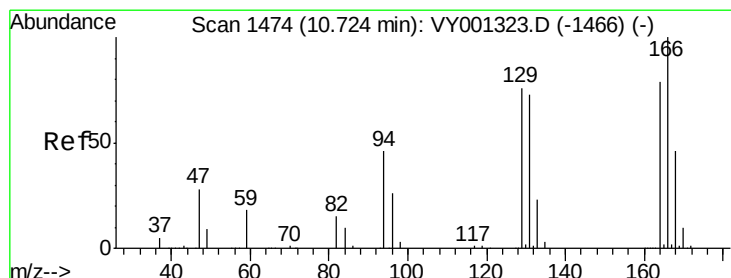
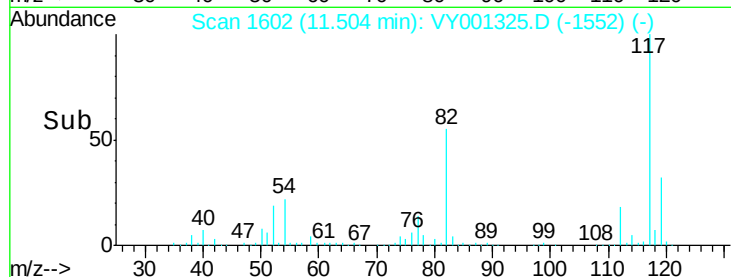
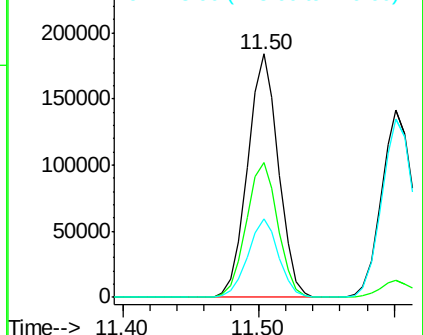
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 291767
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 32.2 25.8 38.6



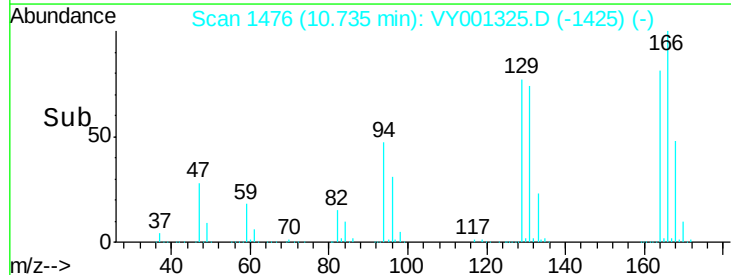
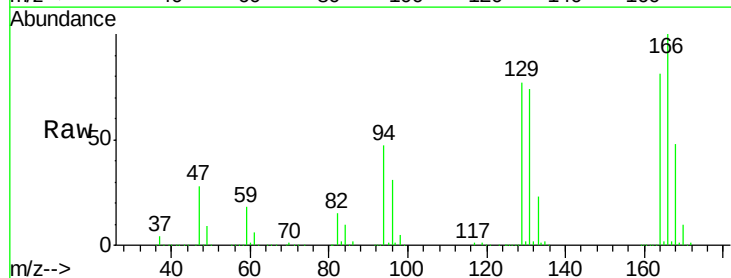
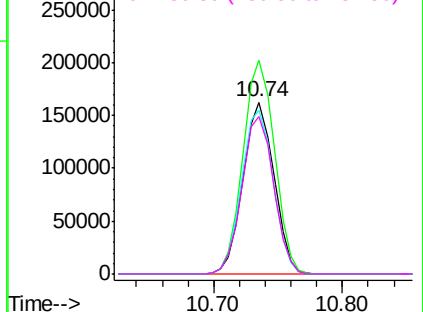
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

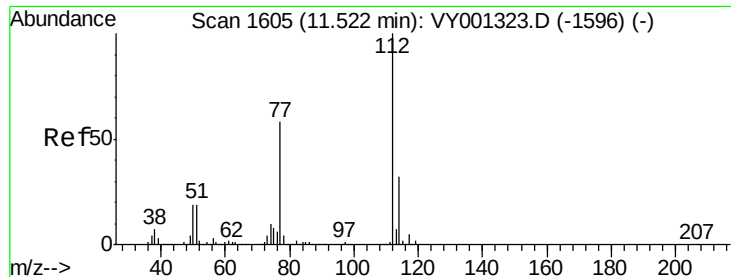


#64
Tetrachloroethene
Concen: 143.00 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion:164 Resp: 268594
Ion Ratio Lower Upper
164 100
166 124.2 101.8 152.8
129 95.6 77.1 115.7
131 91.6 74.2 111.2

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: 152.69 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

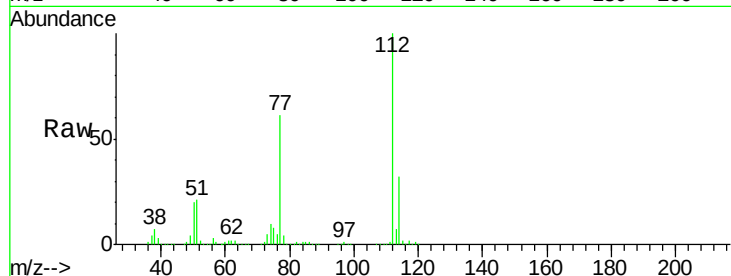
VSTDIC150

Tgt Ion:112 Resp: 936275

Ion Ratio Lower Upper

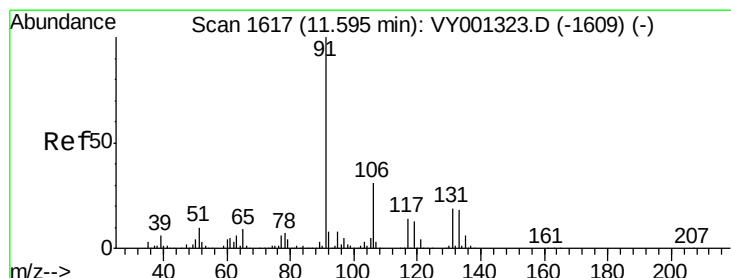
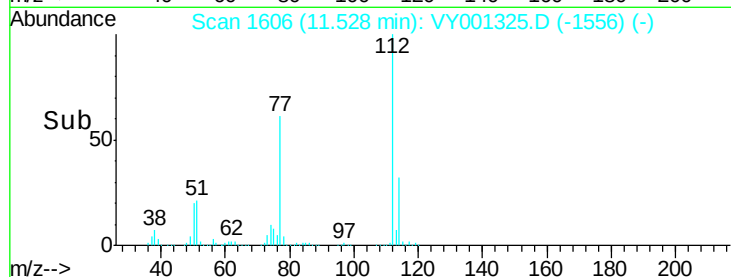
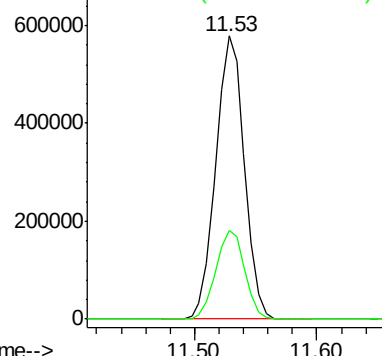
112 100

114 31.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 152.92 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

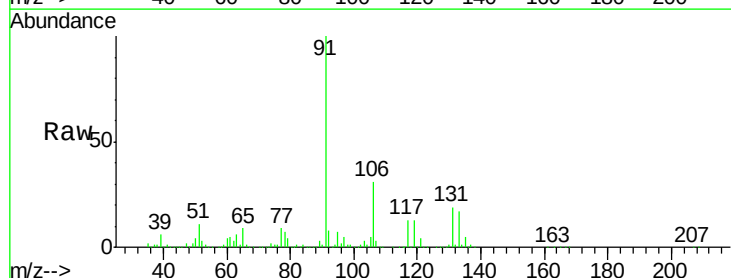
Tgt Ion:131 Resp: 319913

Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.3

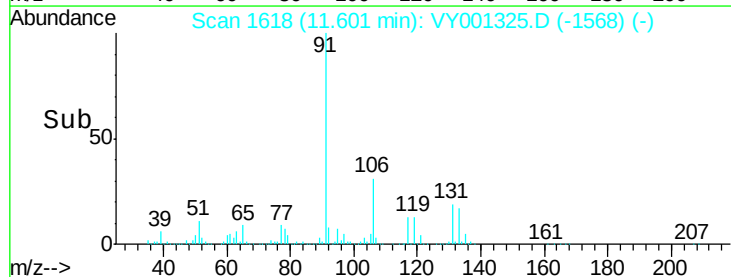
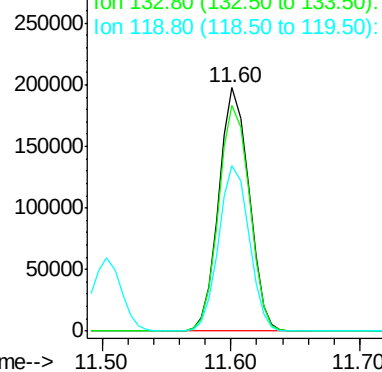
119 68.4 34.1 102.2

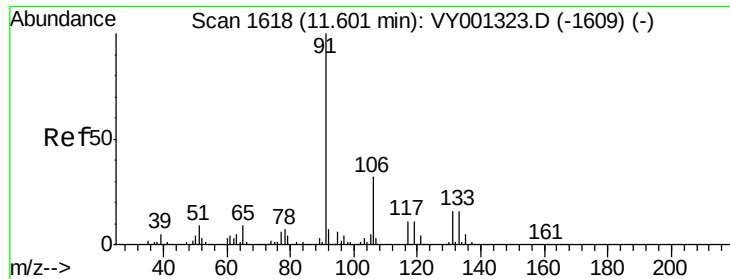


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

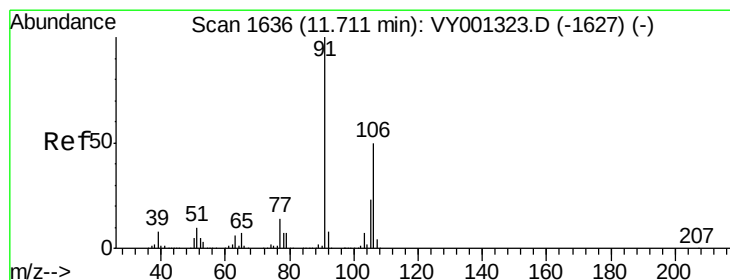
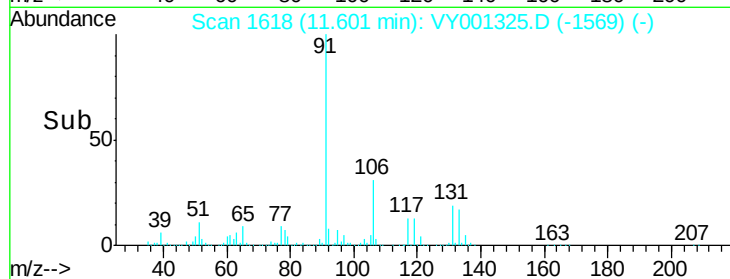
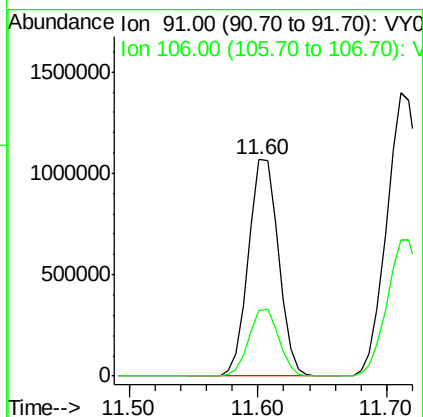
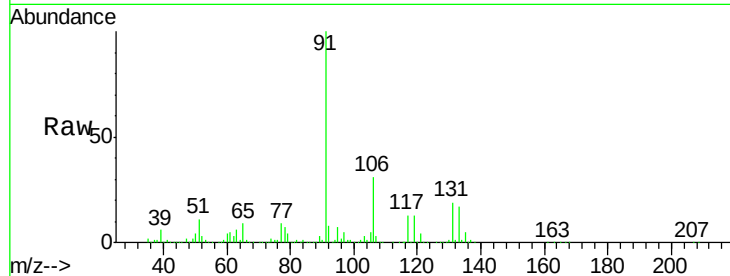




#67
Ethyl Benzene
Concen: 150.91 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

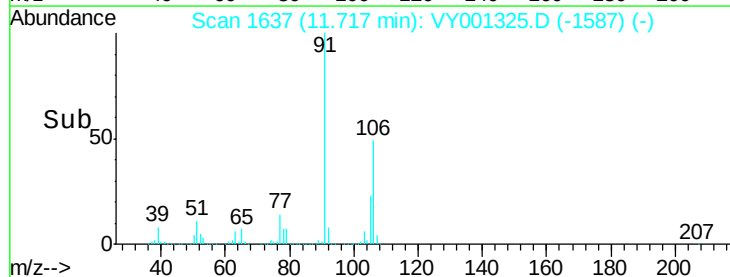
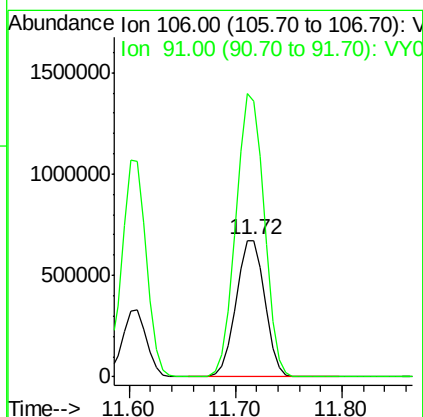
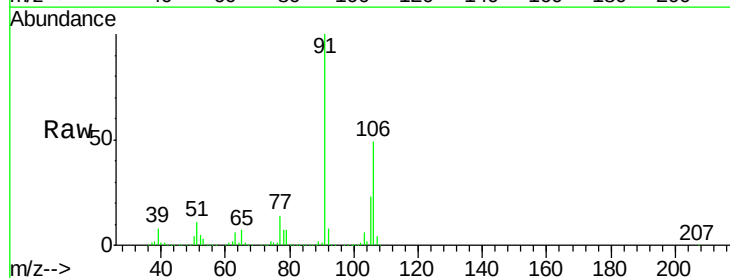
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

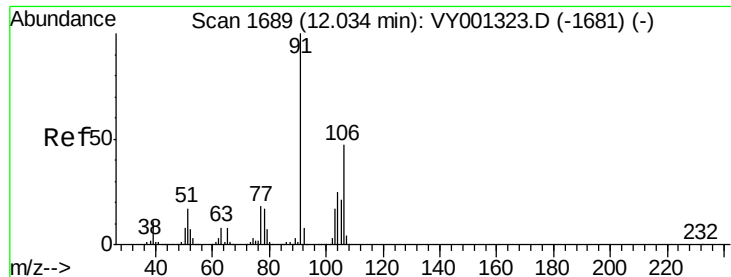
Tgt Ion: 91 Resp: 1708645
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 301.32 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 106 Resp: 1274551
Ion Ratio Lower Upper
106 100
91 205.4 162.8 244.2

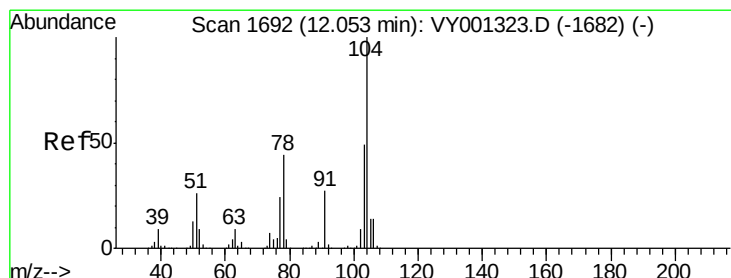
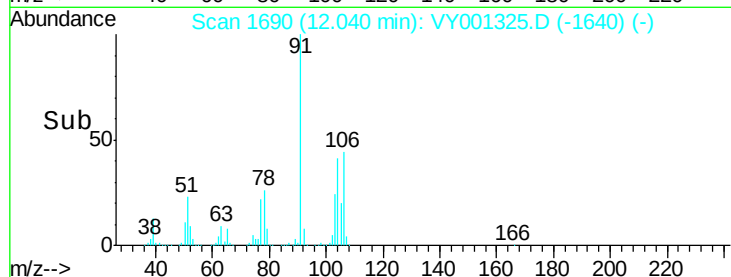
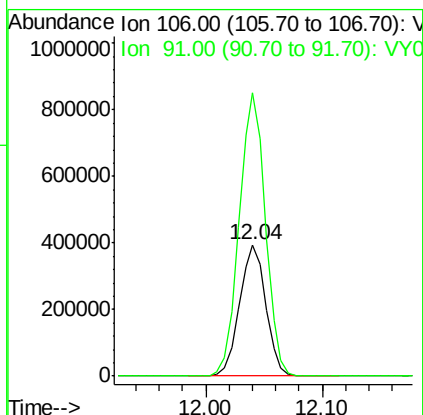
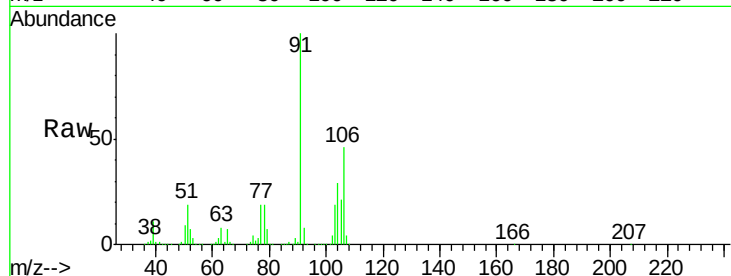




#69
o-Xylene
Concen: 152.17 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

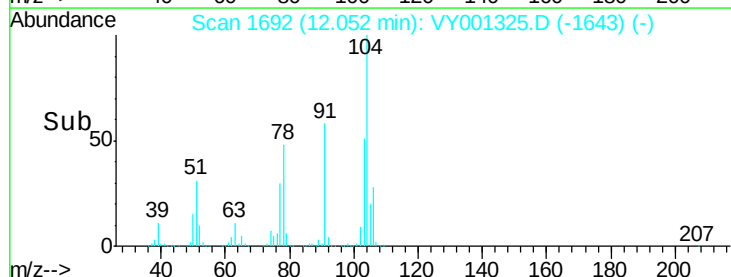
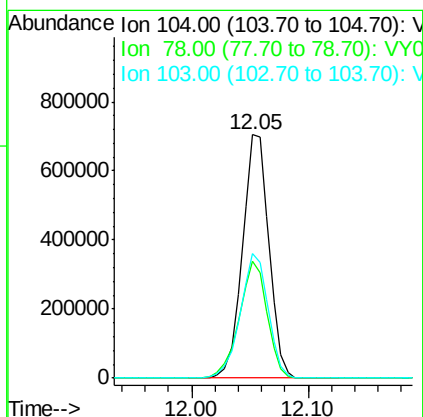
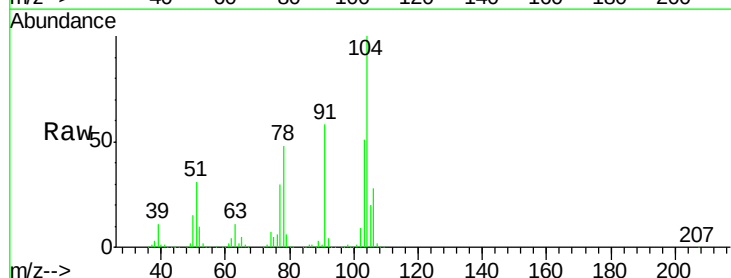
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

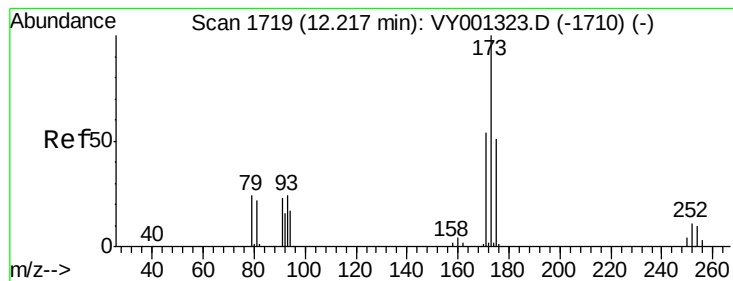
Tgt Ion:106 Resp: 618181
Ion Ratio Lower Upper
106 100
91 215.1 106.3 319.0



#70
Styrene
Concen: 157.53 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion:104 Resp: 1116169
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 53.7 43.2 64.8





#71

Bromoform

Concen: 158.46 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

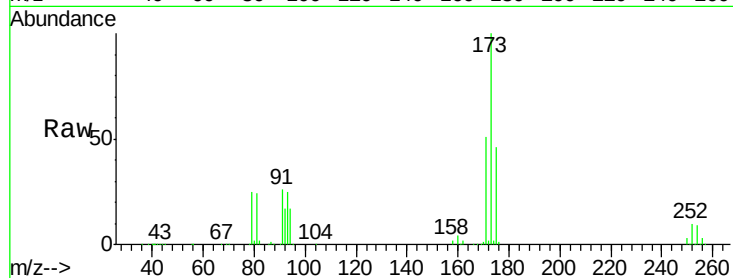
Tgt Ion:173 Resp: 196680

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

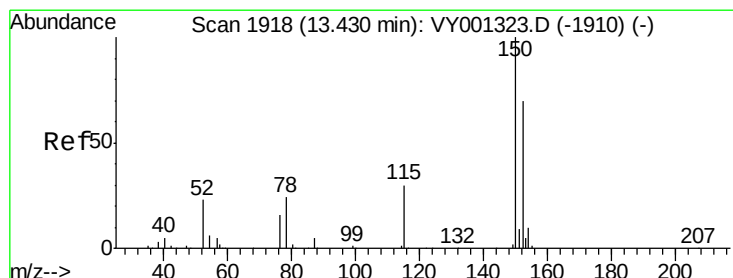
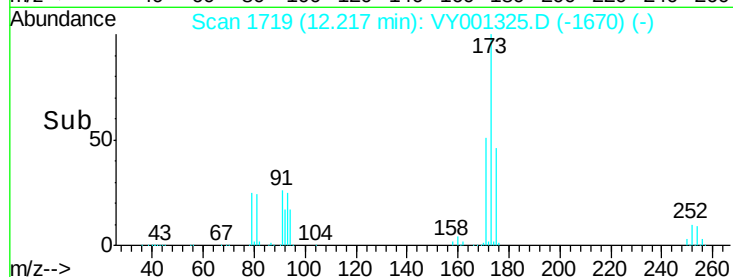
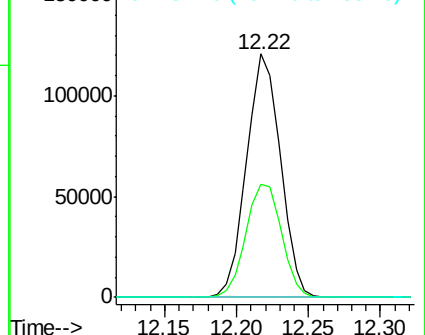
254 0.1 0.0 0.0#



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: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

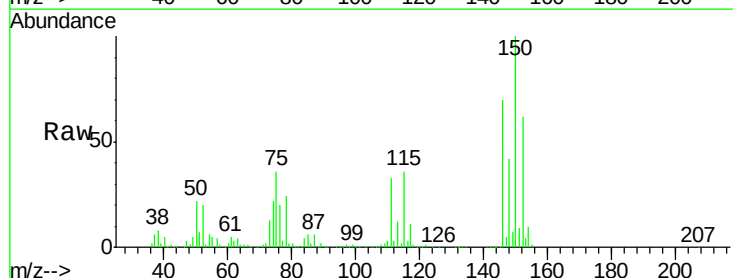
Tgt Ion:152 Resp: 134599

Ion Ratio Lower Upper

152 100

115 61.9 30.9 92.8

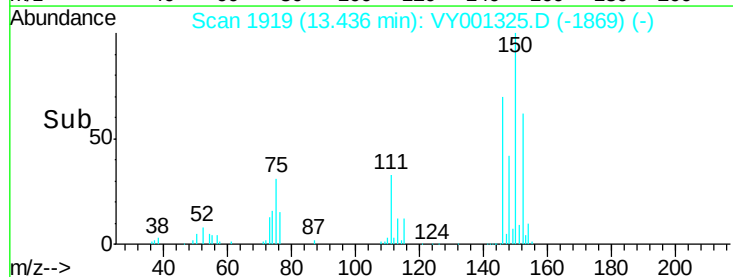
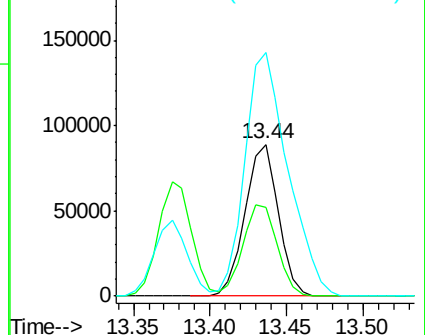
150 207.7 0.0 349.2

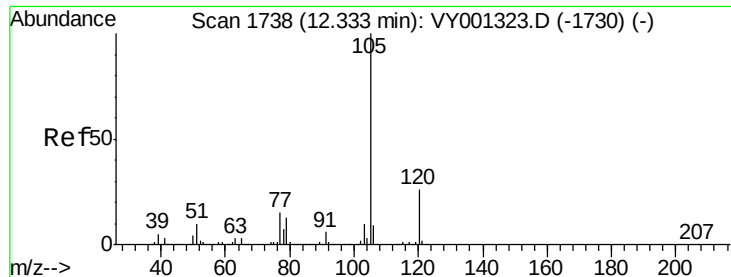


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

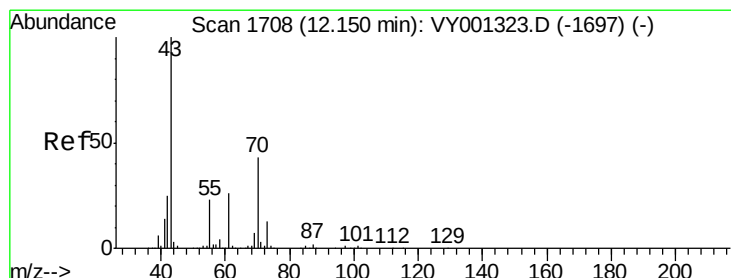
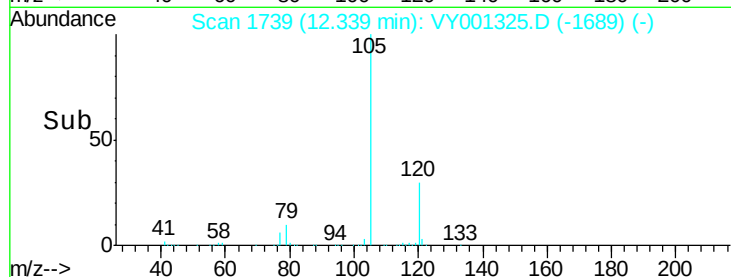
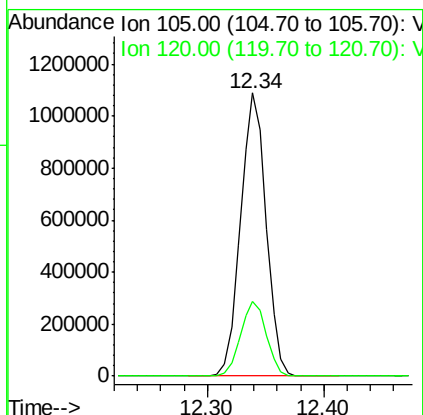
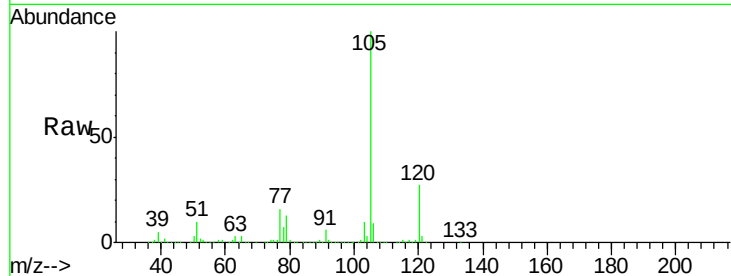




#73
Isopropylbenzene
Concen: 158.11 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

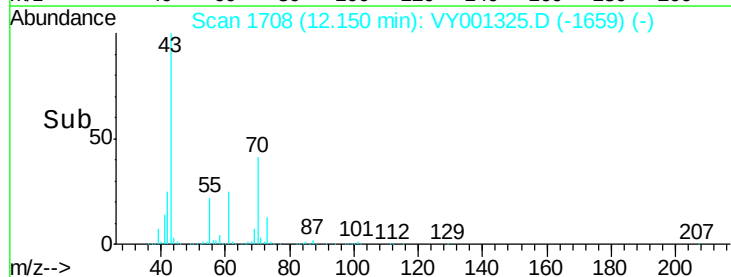
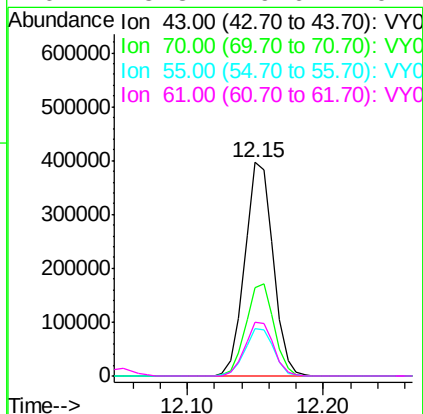
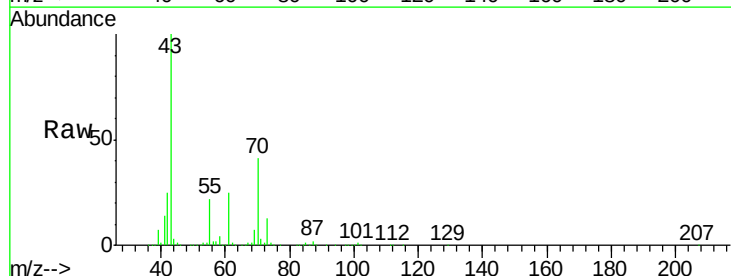
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

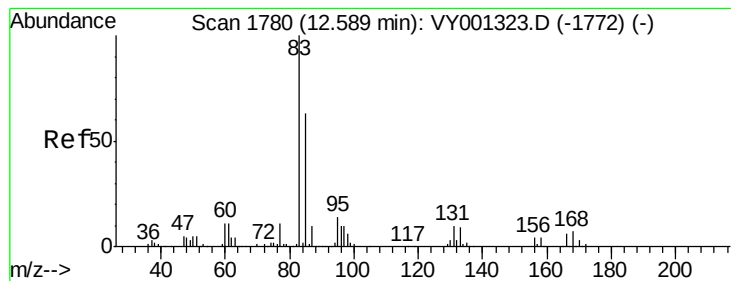
Tgt Ion:105 Resp: 1664241
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 168.71 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 43 Resp: 574592
Ion Ratio Lower Upper
43 100
70 43.3 33.5 50.3
55 22.8 18.2 27.2
61 25.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 162.03 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

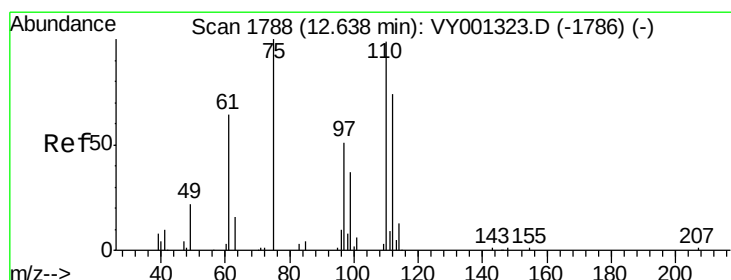
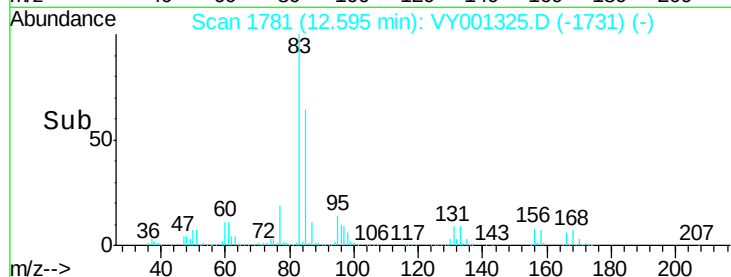
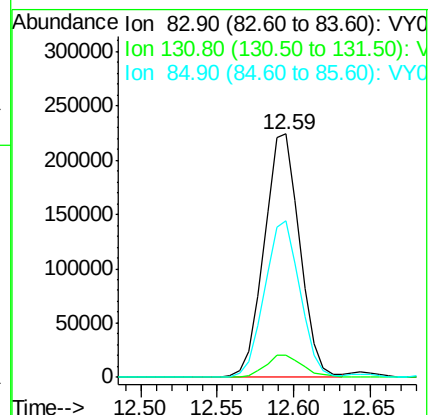
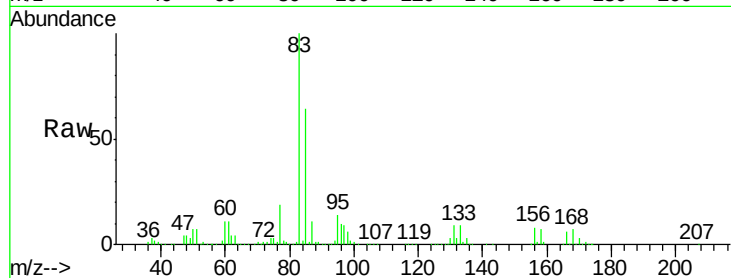
Tgt Ion: 83 Resp: 363694

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.4 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 291.79 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001325.D

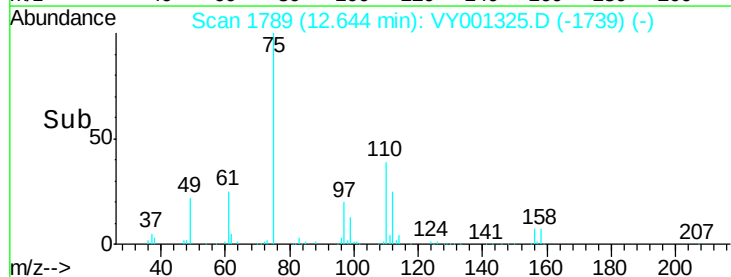
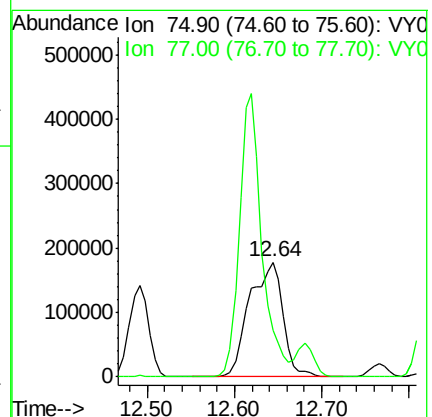
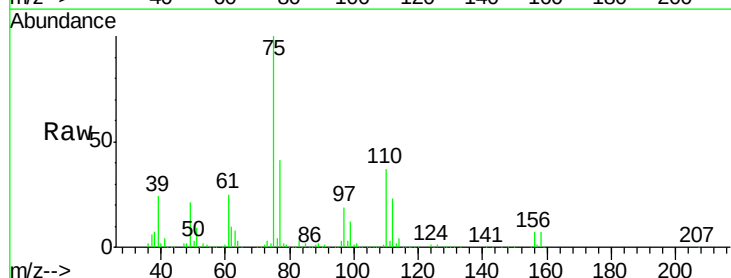
Acq: 21 Jan 2020 16:29

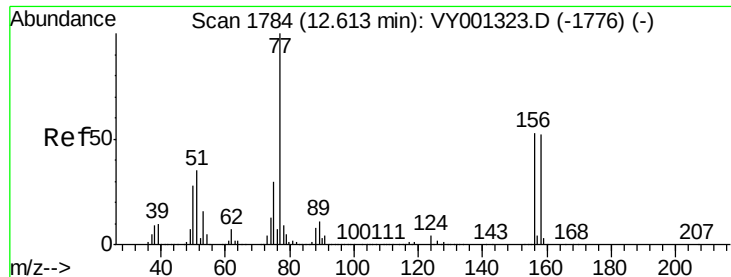
Tgt Ion: 75 Resp: 474362

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.39 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

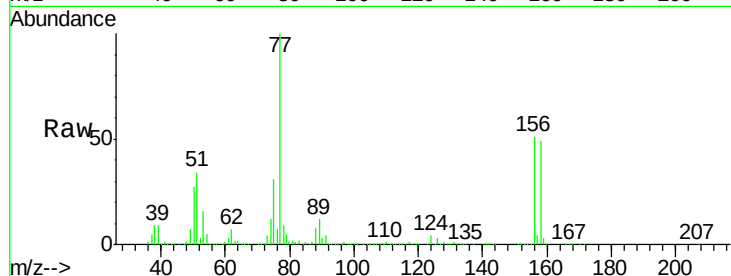
Tgt Ion:156 Resp: 355597

Ion Ratio Lower Upper

156 100

77 221.3 104.7 313.9

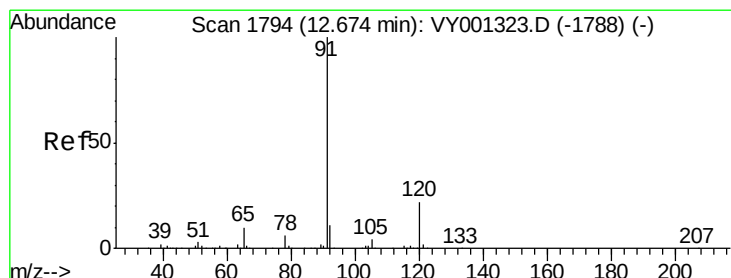
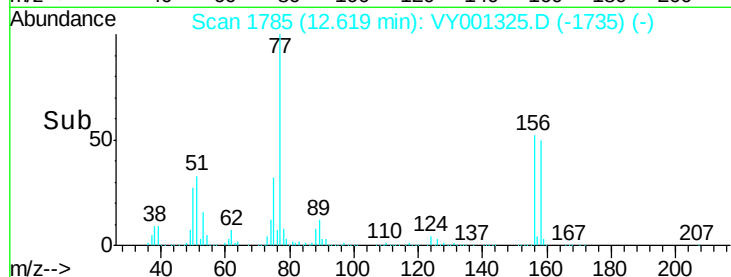
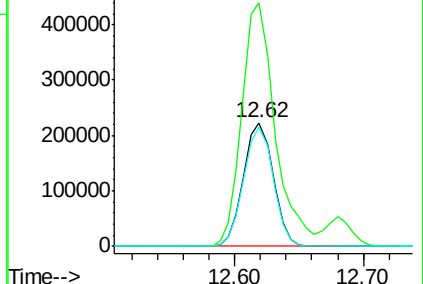
158 96.4 48.6 145.8



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: 156.63 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001325.D

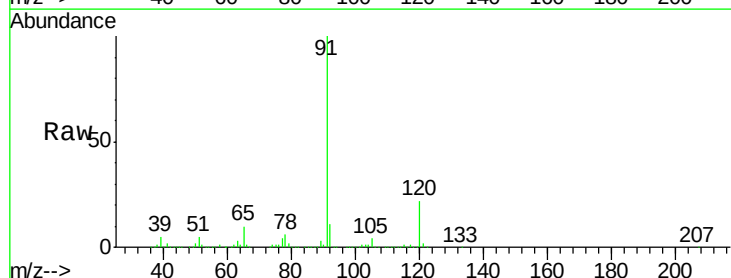
Acq: 21 Jan 2020 16:29

Tgt Ion: 91 Resp: 1987687

Ion Ratio Lower Upper

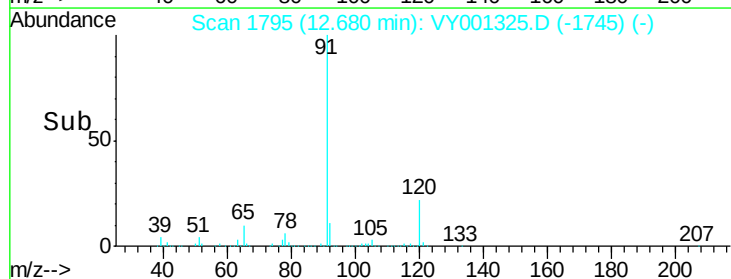
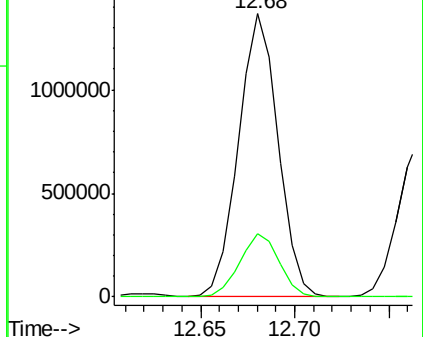
91 100

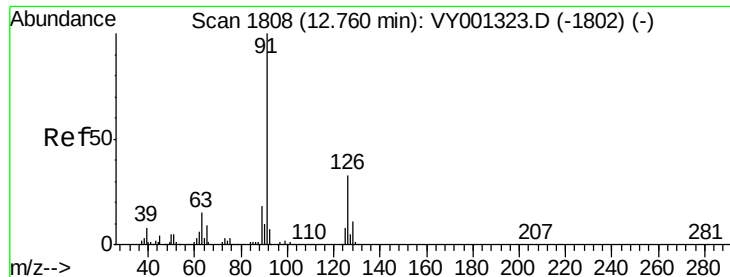
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 157.79 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

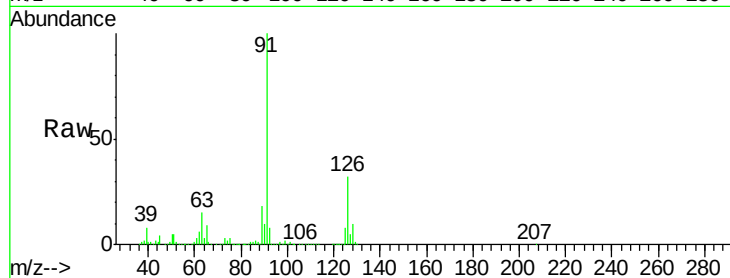
VSTDIC150

Tgt Ion: 91 Resp: 1142462

Ion Ratio Lower Upper

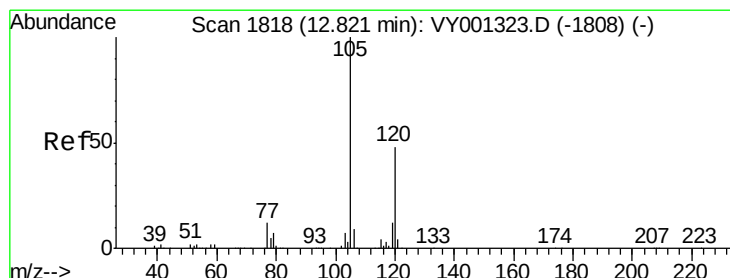
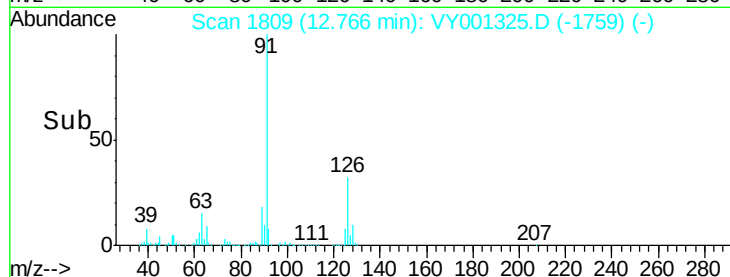
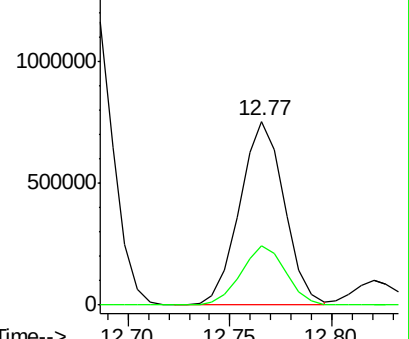
91 100

126 32.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001323.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 154.58 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001325.D

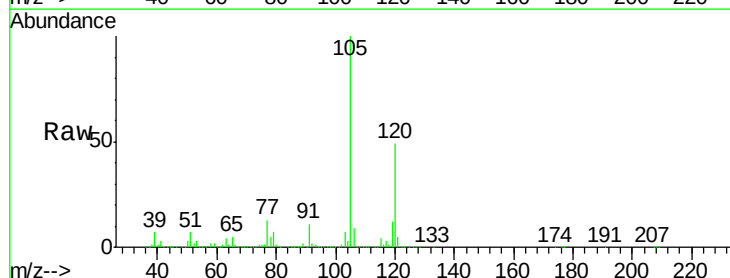
Acq: 21 Jan 2020 16:29

Tgt Ion: 105 Resp: 1363525

Ion Ratio Lower Upper

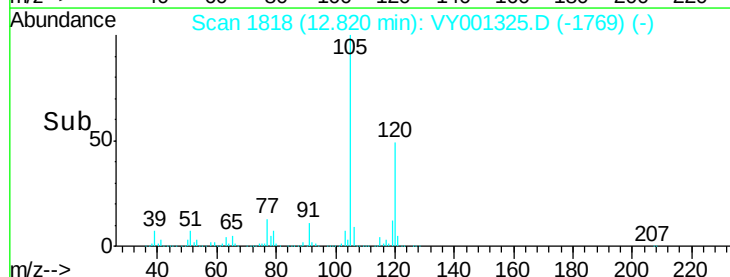
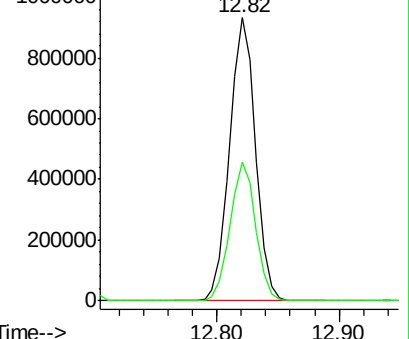
105 100

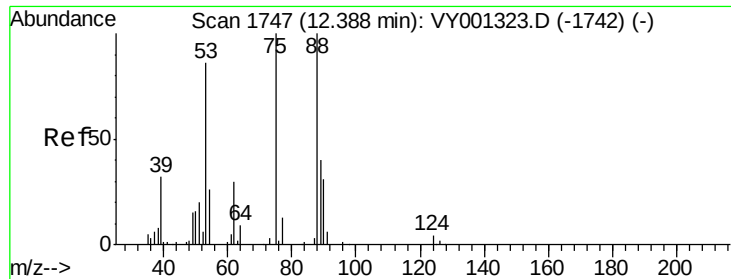
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1808) (-)

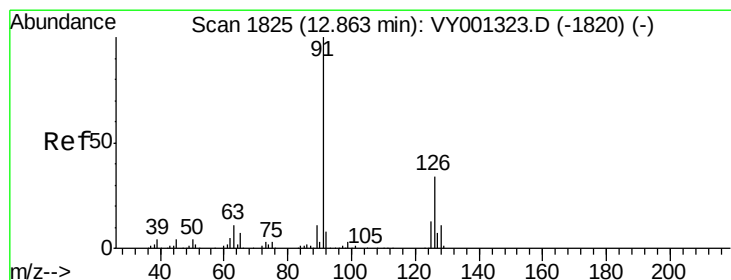
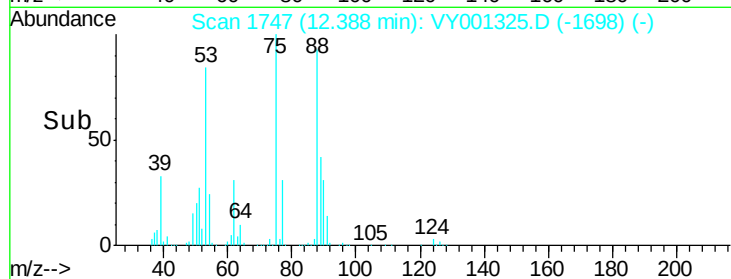
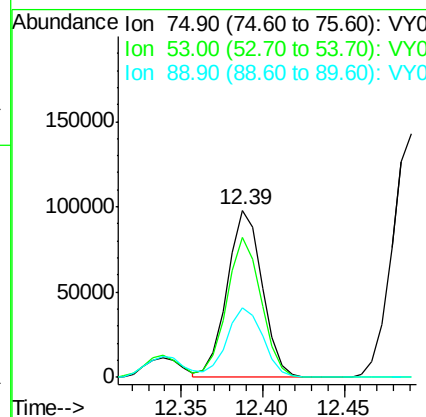
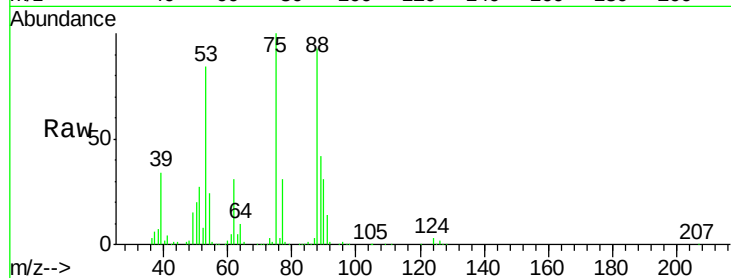




#81
trans-1,4-Dichloro-2-butene
Concen: 175.18 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

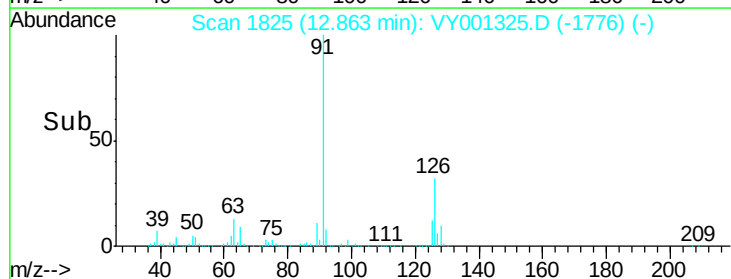
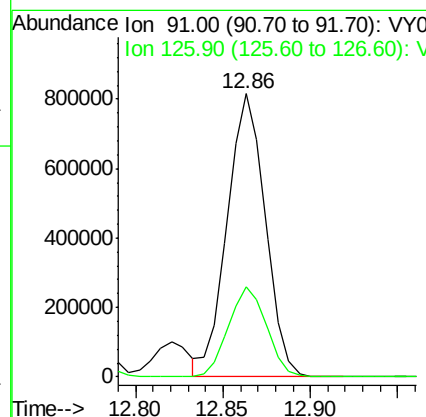
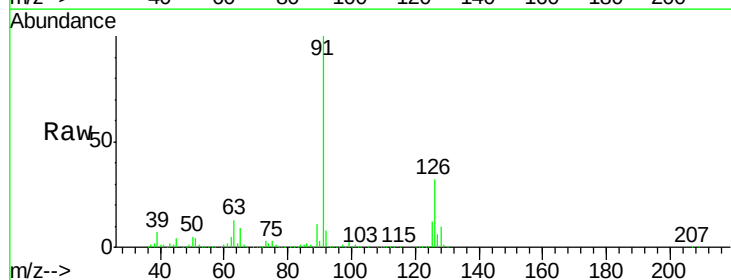
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

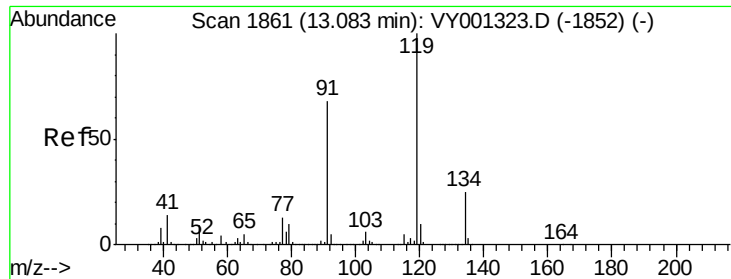
Tgt Ion: 75 Resp: 146058
Ion Ratio Lower Upper
75 100
53 83.1 69.9 104.9
89 42.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 159.71 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 91 Resp: 1232584
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

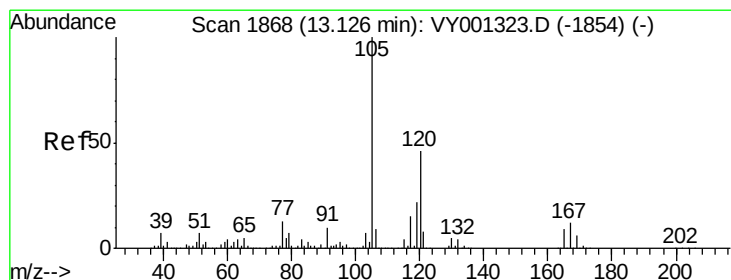
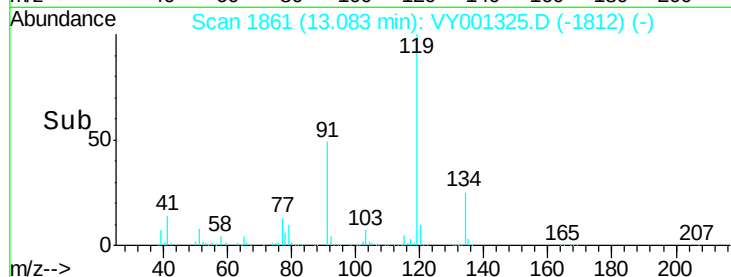
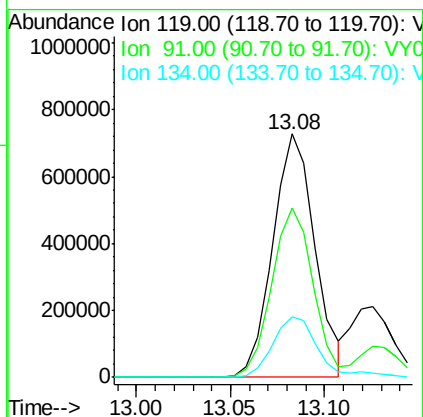
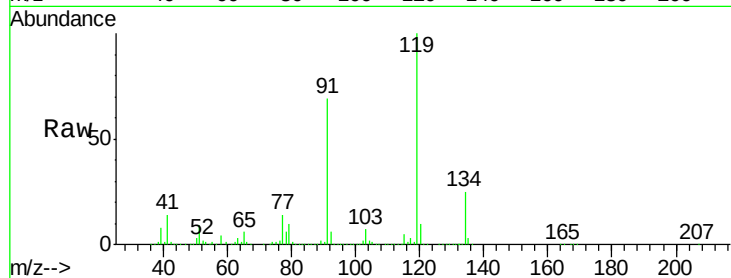




#83
 tert-Butylbenzene
 Concen: 151.02 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

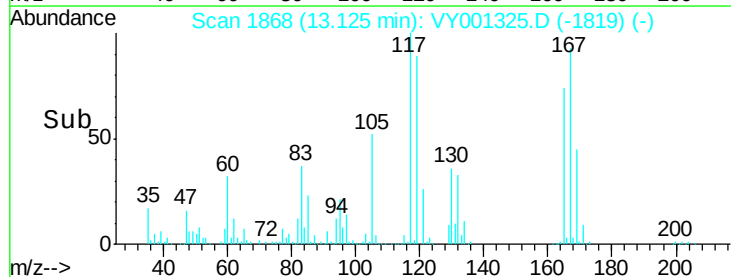
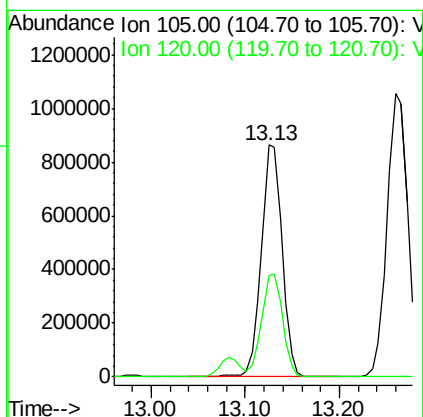
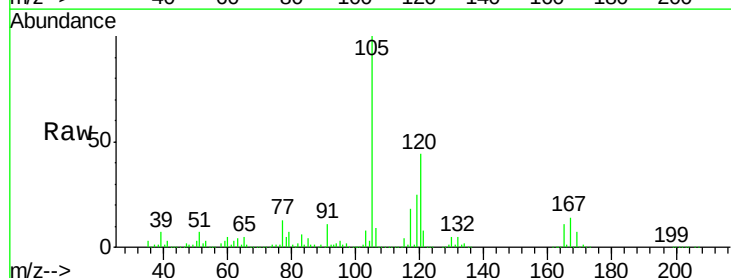
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

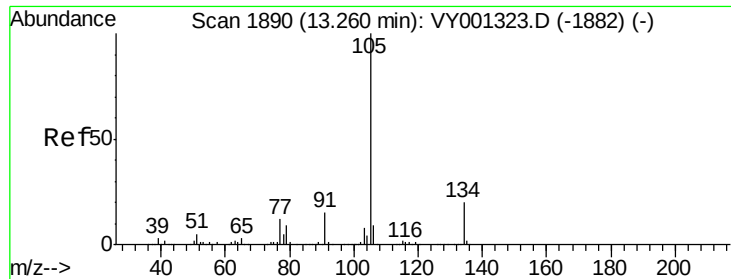
Tgt Ion:119 Resp: 1127275
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.0 99.0
 134 26.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 152.67 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion:105 Resp: 1354891
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 151.98 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

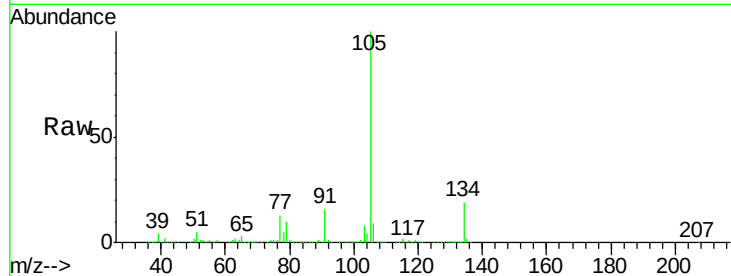
VSTDIC150

Tgt Ion:105 Resp: 1610156

Ion Ratio Lower Upper

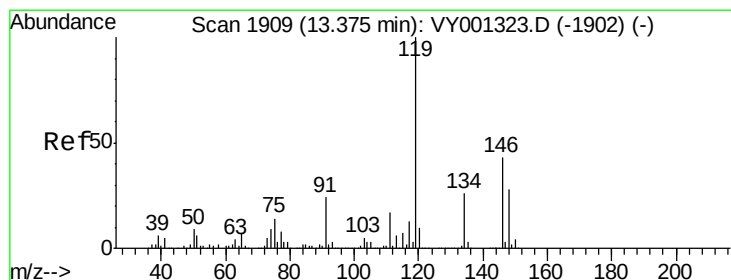
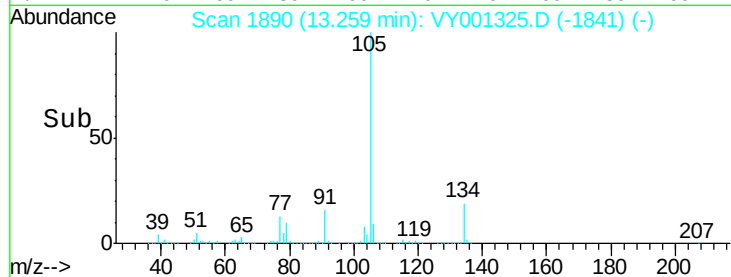
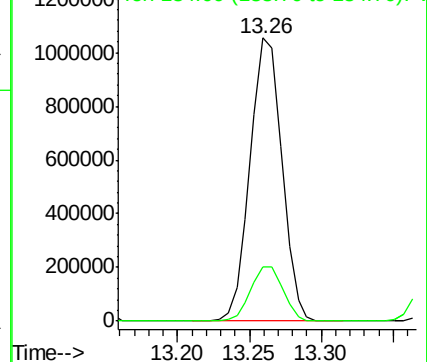
105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 149.18 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

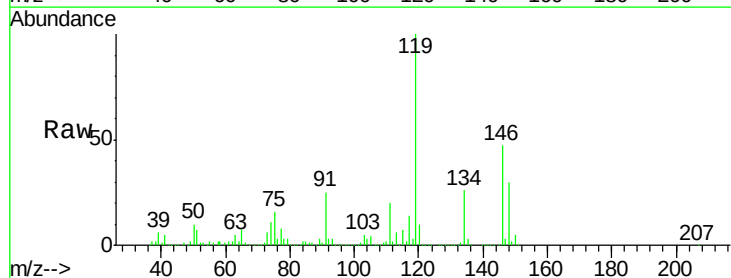
Tgt Ion:119 Resp: 1397110

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

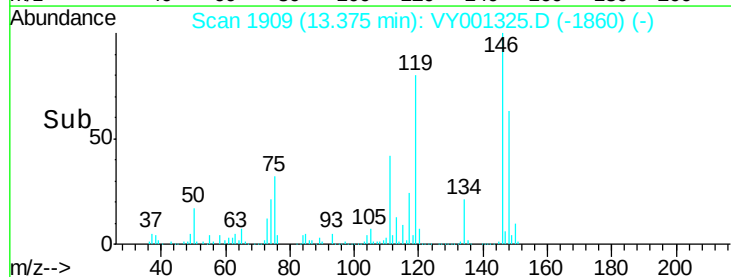
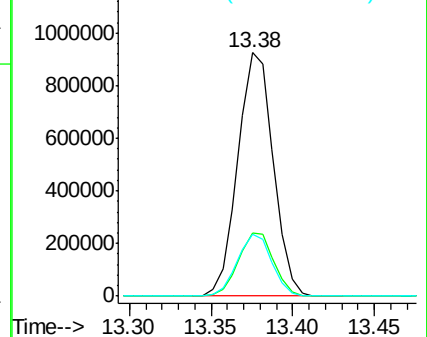
91 24.8 12.2 36.6

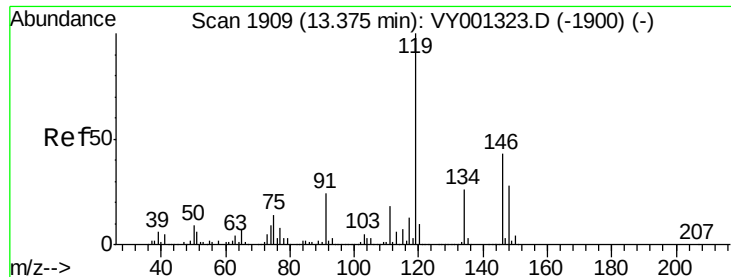


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

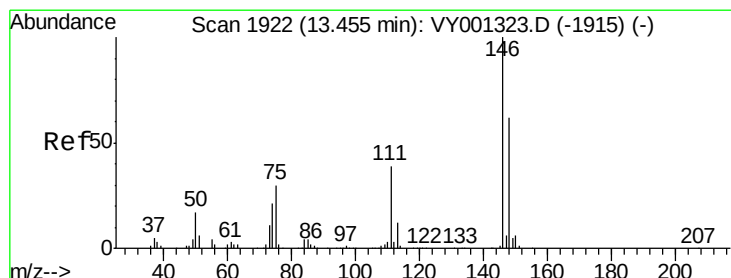
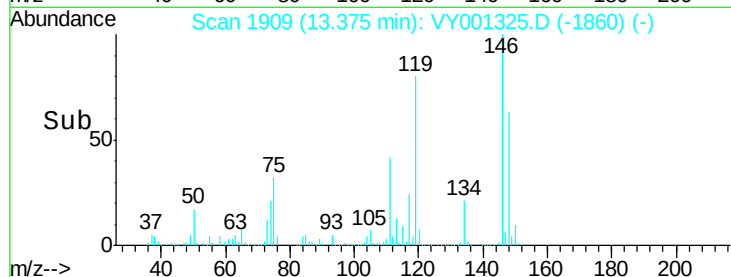
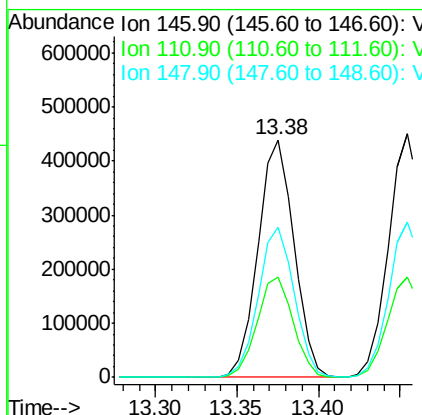
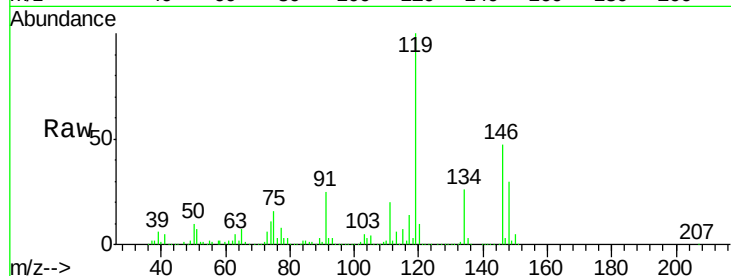




#87
 1,3-Dichlorobenzene
 Concen: 147.81 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

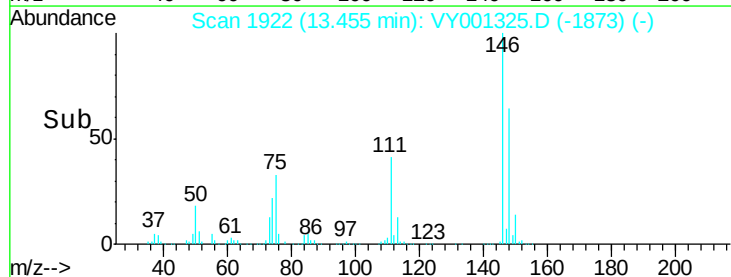
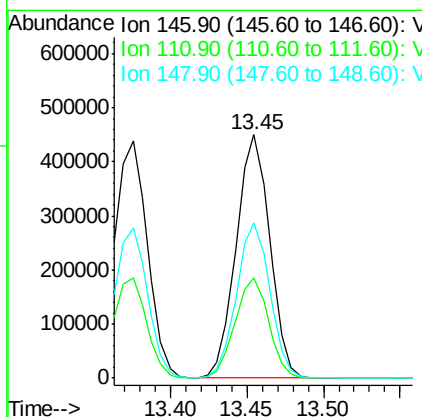
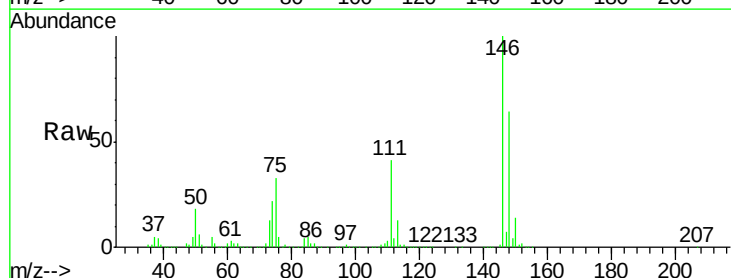
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

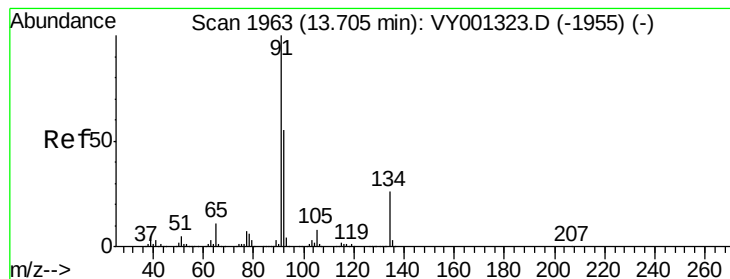
Tgt Ion:146 Resp: 671292
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 63.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 149.16 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion:146 Resp: 686814
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.5 31.6 95.0





#89

n-Butylbenzene

Concen: 153.13 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

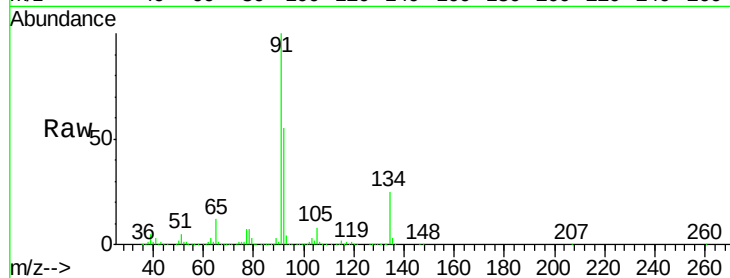
Tgt Ion: 91 Resp: 1436964

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

134 25.0 12.9 38.6

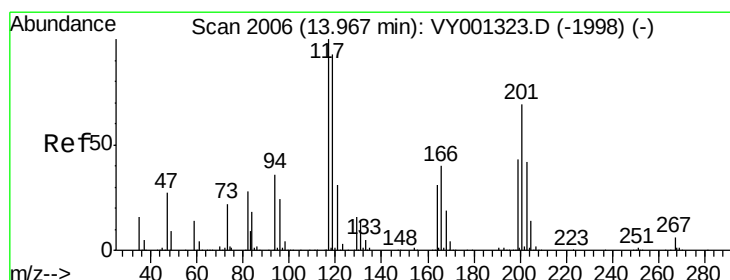
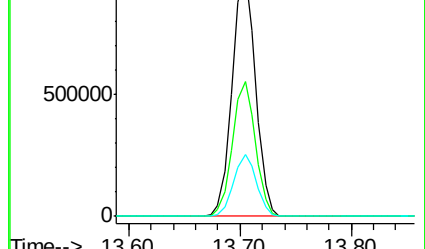
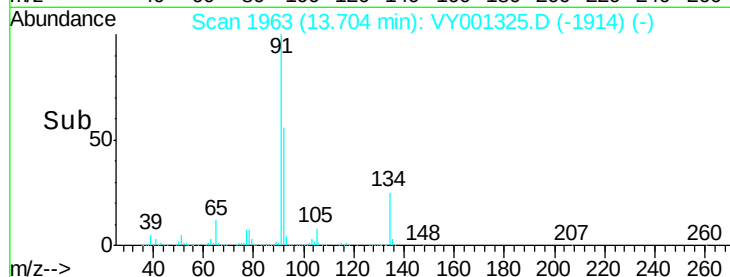


Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001323.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001323.D (-1955) (-)

Time-->



#90

Hexachloroethane

Concen: 156.96 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY001325.D

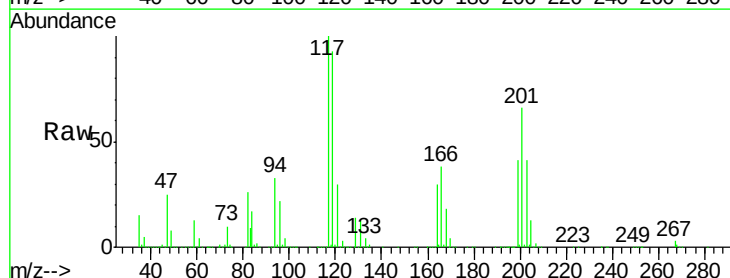
Acq: 21 Jan 2020 16:29

Tgt Ion: 117 Resp: 276246

Ion Ratio Lower Upper

117 100

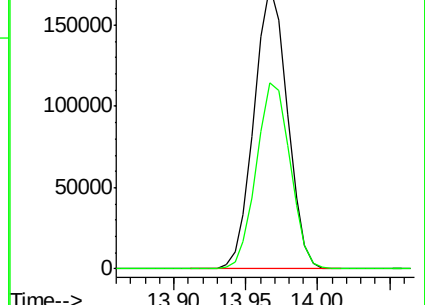
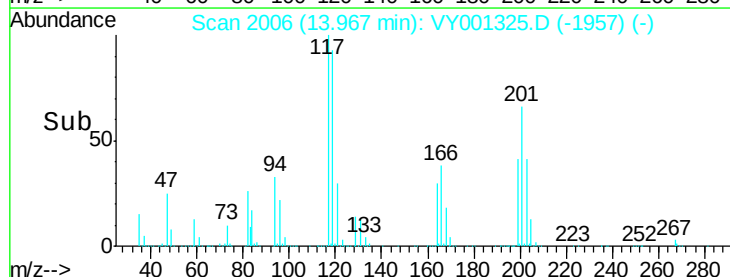
201 67.2 34.6 103.8

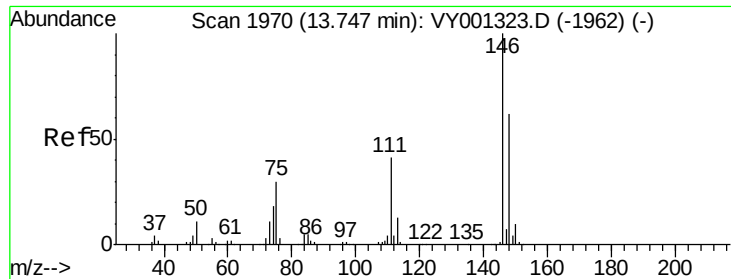


Abundance Ion 116.80 (116.50 to 117.50): VY001323.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY001323.D (-1998) (-)

Time-->

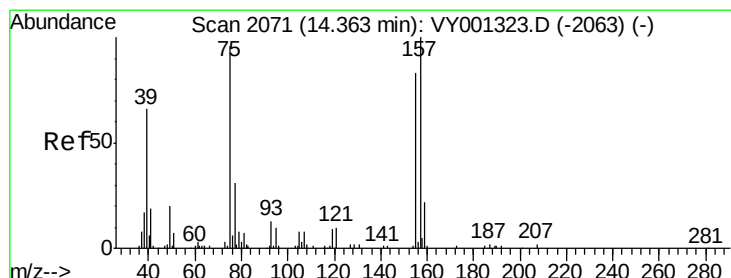
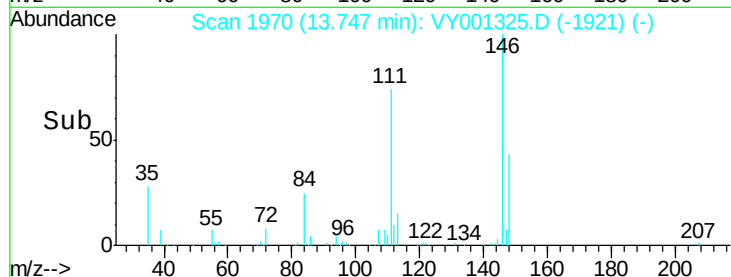
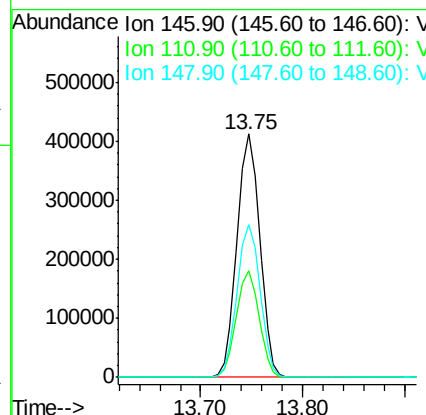
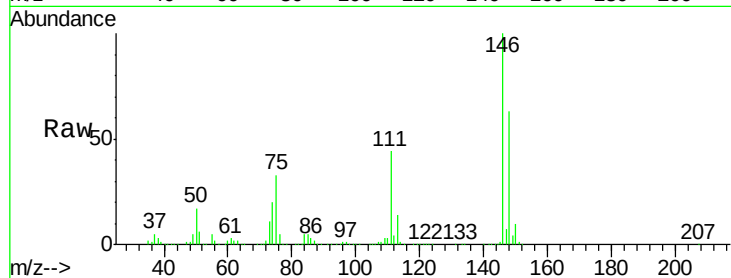




#91
 1,2-Dichlorobenzene
 Concen: 153.20 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

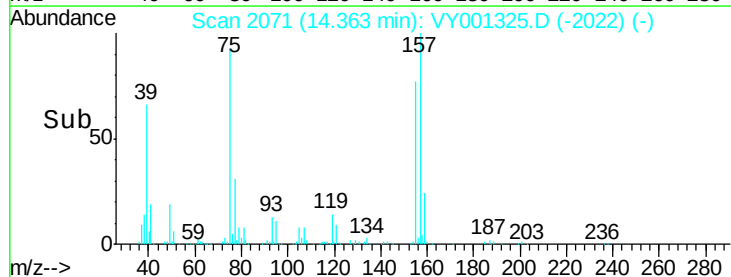
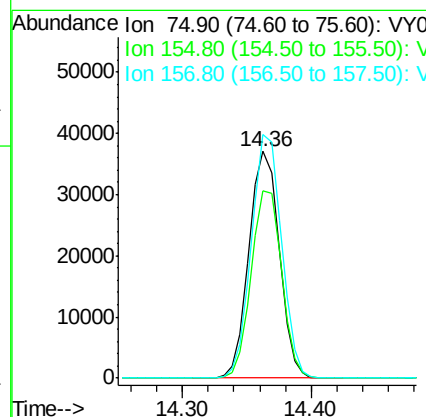
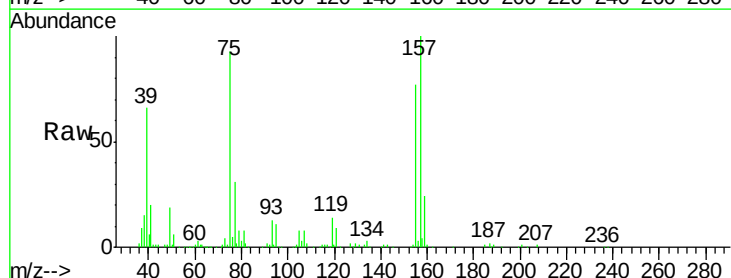
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

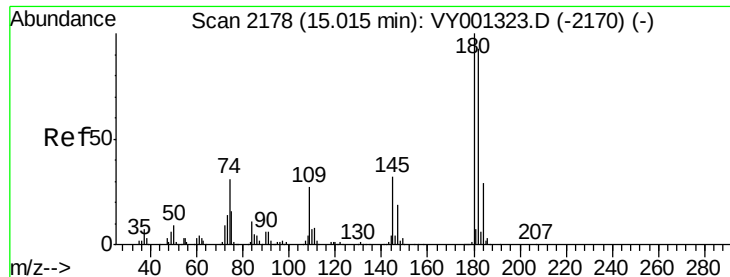
Tgt Ion:146 Resp: 637849
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 63.2 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.81 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 75 Resp: 60118
 Ion Ratio Lower Upper
 75 100
 155 82.7 43.0 129.2
 157 106.6 53.3 160.0

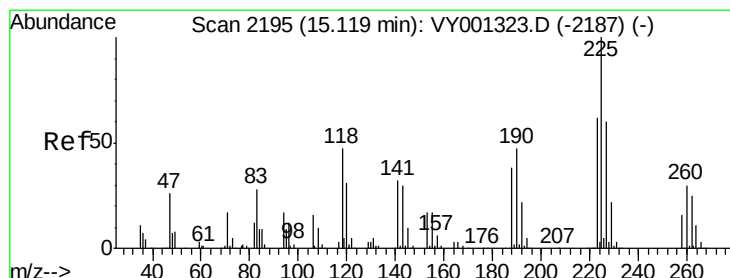
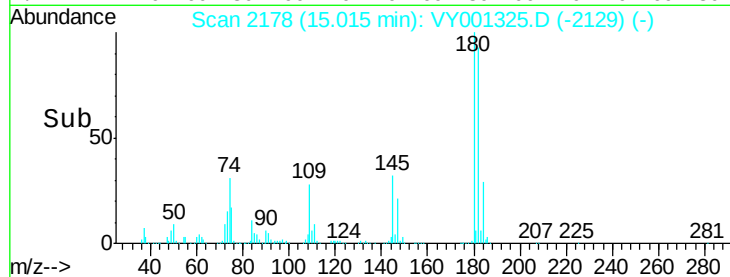
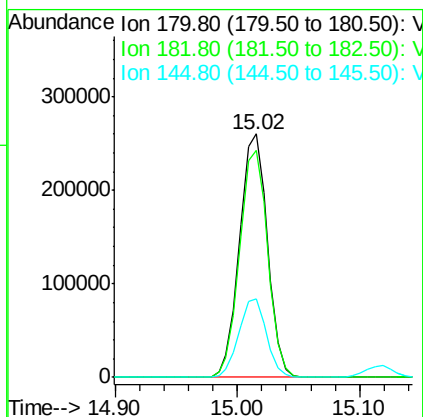
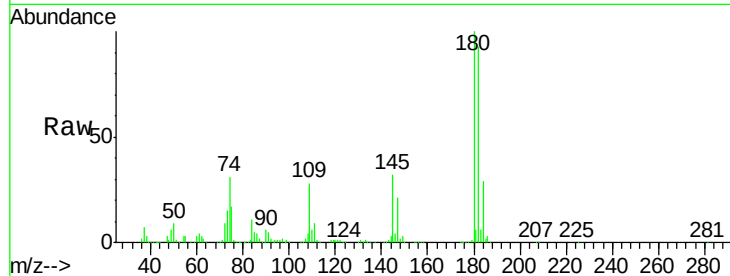




#93
 1,2,4-Trichlorobenzene
 Concen: 145.57 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

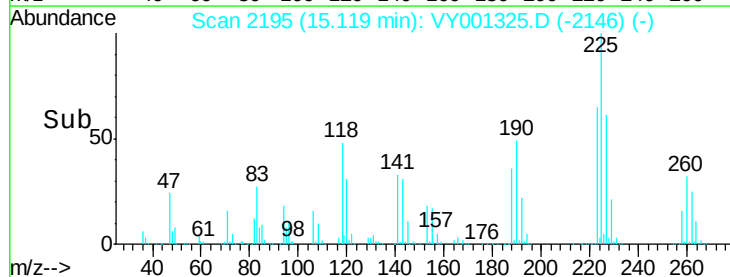
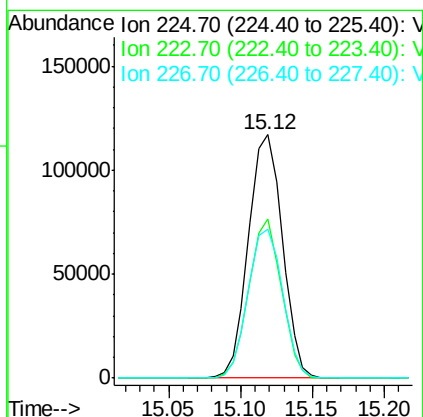
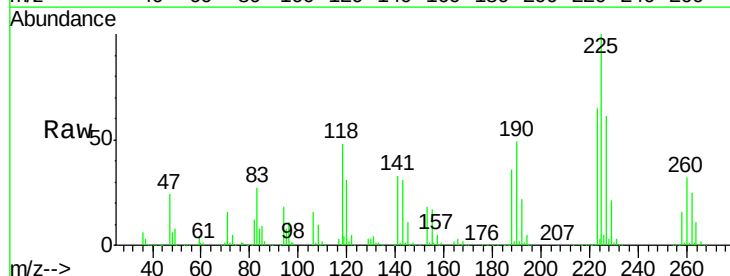
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

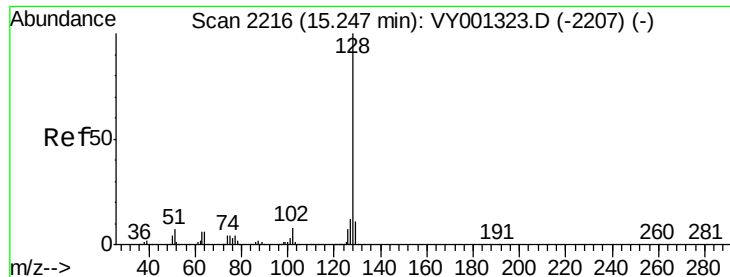
Tgt Ion:180 Resp: 410247
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.8
 145 32.0 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 137.92 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion:225 Resp: 190890
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 62.6 31.0 93.0





#95

Naphthalene

Concen: 153.48 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

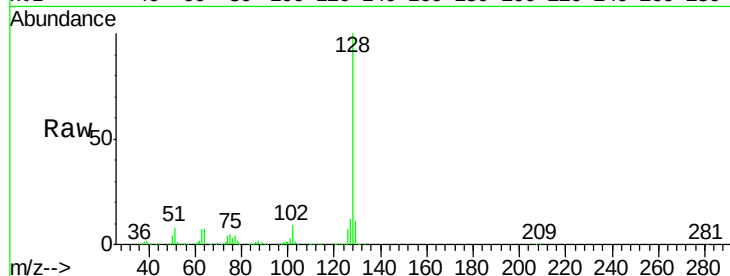
Tgt Ion:128 Resp: 980347

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

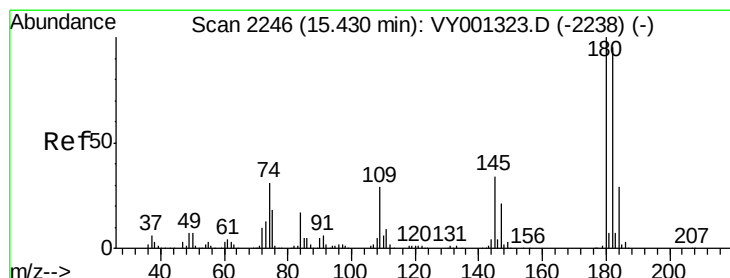
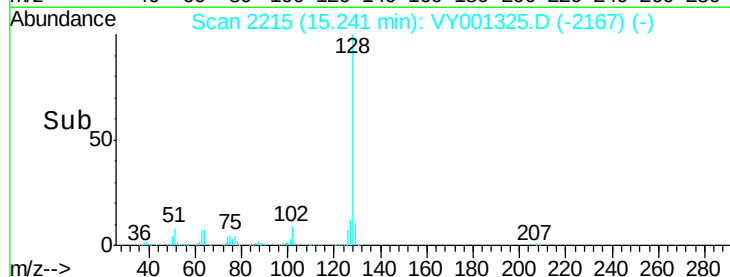
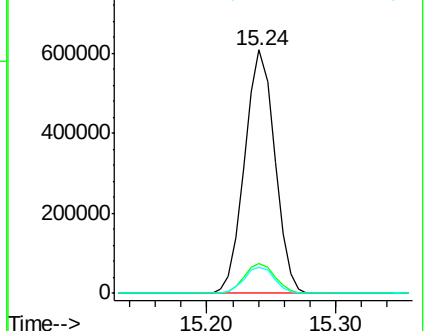
129 10.9 8.7 13.1



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: 146.73 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

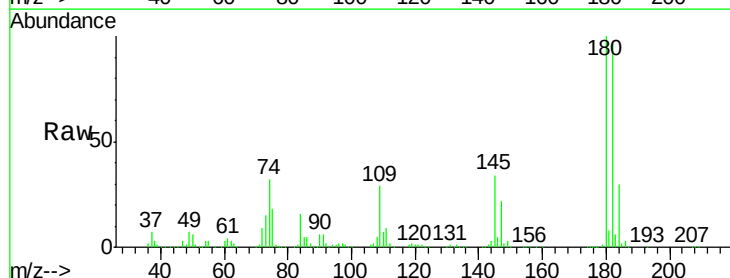
Tgt Ion:180 Resp: 362264

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 34.5 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

