

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001145.D
 Acq On : 10 Jan 2020 13:57
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 22 07:09:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226060	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	380318	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	336189	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.42	152	159935	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	12439	5.21	ug/l	-0.02
Spiked Amount			Recovery	=	10.42%	
35) Dibromofluoromethane	7.72	113	11216	5.04	ug/l	-0.03
Spiked Amount			Recovery	=	10.08%	
50) Toluene-d8	10.18	98	46712	5.44	ug/l	-0.02
Spiked Amount			Recovery	=	10.88%	
62) 4-Bromofluorobenzene	12.48	95	18017	5.14	ug/l	-0.02
Spiked Amount			Recovery	=	10.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	7795	4.490	ug/l	97
3) Chloromethane	2.12	50	13347	5.334	ug/l	97
4) Vinyl Chloride	2.26	62	12188	4.834	ug/l	100
5) Bromomethane	2.65	94	7348	5.426	ug/l	87
6) Chloroethane	2.80	64	7740	5.314	ug/l	89
7) Trichlorofluoromethane	3.13	101	18514	5.276	ug/l	91
8) Diethyl Ether	3.54	74	6522	4.783	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.91	101	11171	4.945	ug/l	95
10) Methyl Iodide	4.10	142	15284	4.943	ug/l	98
11) Tert butyl alcohol	4.96	59	7460	31.054	ug/l #	88
12) 1,1-Dichloroethene	3.88	96	11626	5.031	ug/l	97
13) Acrolein	3.74	56	5675	26.241	ug/l	90
14) Allyl chloride	4.49	41	19278	4.943	ug/l	98
15) Acrylonitrile	5.17	53	17230	25.265	ug/l	97
16) Acetone	3.96	43	15637	28.200	ug/l	94
17) Carbon Disulfide	4.20	76	35994	4.812	ug/l #	95
18) Methyl Acetate	4.48	43	10674	5.822	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	31646	4.951	ug/l	97
20) Methylene Chloride	4.72	84	21910	3.323	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	13212	5.042	ug/l	96
22) Diisopropyl ether	6.13	45	39850	5.002	ug/l	92
23) Vinyl Acetate	6.07	43	122120	23.969	ug/l	95
24) 1,1-Dichloroethane	6.04	63	21921	5.026	ug/l	99
25) 2-Butanone	7.00	43	22917	26.555	ug/l	98
26) 2,2-Dichloropropane	6.99	77	22370	5.578	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	14678	5.112	ug/l	96
28) Bromochloromethane	7.35	49	8059	4.500	ug/l	98
29) Tetrahydrofuran	7.36	42	14884	25.167	ug/l	96
30) Chloroform	7.52	83	21892	5.123	ug/l	99
31) Cyclohexane	7.79	56	25952	5.620	ug/l #	75
32) 1,1,1-Trichloroethane	7.71	97	19494	5.141	ug/l	98
36) 1,1-Dichloropropene	7.92	75	17721	5.112	ug/l	99
37) Ethyl Acetate	7.08	43	10473	5.148	ug/l	96
38) Carbon Tetrachloride	7.91	117	16176	5.092	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 22 07:09:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	24112	5.131	ug/l	98
40) Benzene	8.17	78	52233	5.162	ug/l	100
41) Methacrylonitrile	7.35	41	13690	14.326	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	14577	5.145	ug/l	97
43) Isopropyl Acetate	8.28	43	20160	5.182	ug/l	99
44) Trichloroethene	8.94	130	13421	5.090	ug/l	100
45) 1,2-Dichloropropane	9.22	63	12639	5.053	ug/l	98
46) Dibromomethane	9.31	93	7171	5.254	ug/l	99
47) Bromodichloromethane	9.50	83	16967	5.101	ug/l	96
48) Methyl methacrylate	9.30	41	9118	5.065	ug/l	96
49) 1,4-Dioxane	9.31	88	1538	92.530	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	49961	25.312	ug/l	98
52) Toluene	10.24	92	33128	5.133	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	18969	5.096	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	21539	5.133	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	10600	5.239	ug/l	96
56) Ethyl methacrylate	10.51	69	15393	4.973	ug/l	100
57) 1,3-Dichloropropane	10.79	76	17571	5.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	33813	31.061	ug/l	100
59) 2-Hexanone	10.83	43	34895	25.225	ug/l	99
60) Dibromochloromethane	10.99	129	11816	5.072	ug/l	100
61) 1,2-Dibromoethane	11.09	107	10268	5.197	ug/l	98
64) Tetrachloroethene	10.72	164	11086	5.115	ug/l	92
65) Chlorobenzene	11.52	112	35516	5.287	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	12066	5.212	ug/l	97
67) Ethyl Benzene	11.59	91	64080	5.215	ug/l	98
68) m/p-Xylenes	11.70	106	48080	10.372	ug/l	98
69) o-Xylene	12.03	106	23387	5.262	ug/l	99
70) Styrene	12.04	104	39970	5.125	ug/l	99
71) Bromoform	12.20	173	7133	4.996	ug/l #	93
73) Isopropylbenzene	12.33	105	61210	5.091	ug/l	100
74) N-amyl acetate	12.14	43	18577	4.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	12907	5.102	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	17026	9.944	ug/l #	100
77) Bromobenzene	12.61	156	13767	5.182	ug/l	97
78) n-propylbenzene	12.67	91	73403	5.075	ug/l	99
79) 2-Chlorotoluene	12.75	91	41943	5.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	50583	5.042	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	4909	4.862	ug/l #	92
82) 4-Chlorotoluene	12.85	91	45205	5.098	ug/l	100
83) tert-Butylbenzene	13.07	119	43668	5.180	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	51384	5.158	ug/l	99
85) sec-Butylbenzene	13.25	105	62186	5.128	ug/l	99
86) p-Isopropyltoluene	13.37	119	55125	5.235	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	27000	5.374	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	27505	5.319	ug/l	94
89) n-Butylbenzene	13.69	91	55559	5.239	ug/l	97
90) Hexachloroethane	13.95	117	10671	5.187	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	23827	5.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2476	5.426	ug/l	100

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration

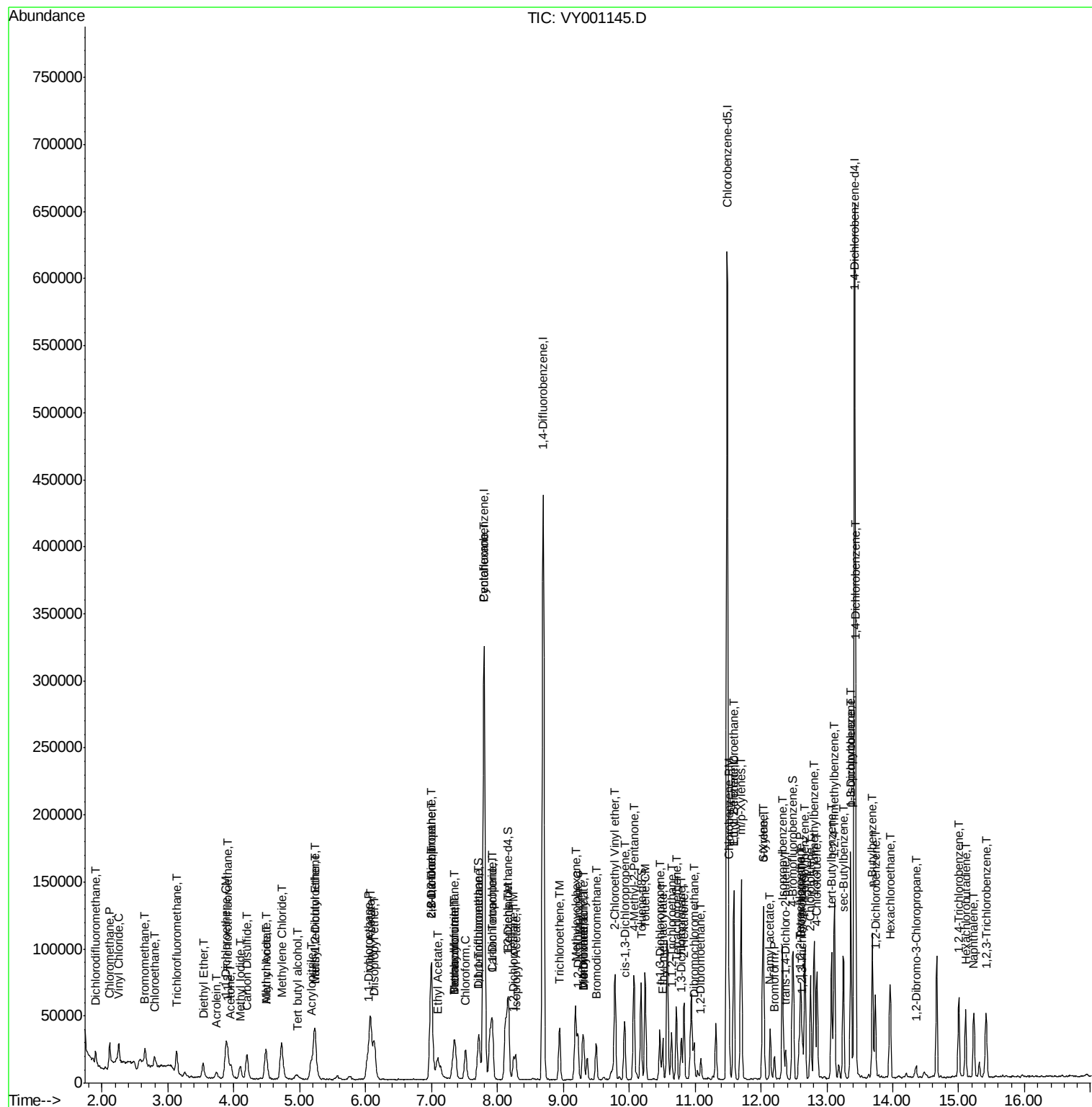
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	17342	5.637	ug/l	98
94) Hexachlorobutadiene	15.11	225	8773	5.660	ug/l	99
95) Naphthalene	15.23	128	38981	5.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	15078	5.561	ug/l	100

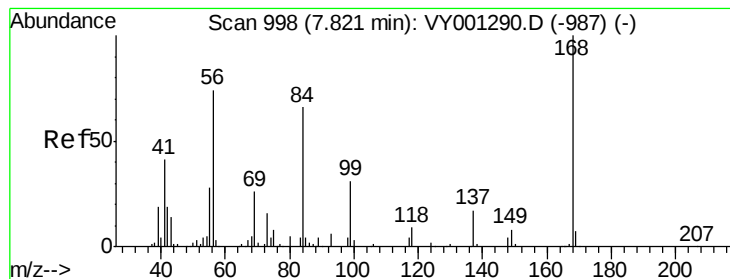
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001145.D
 Acq On : 10 Jan 2020 13:57
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 22 07:09:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

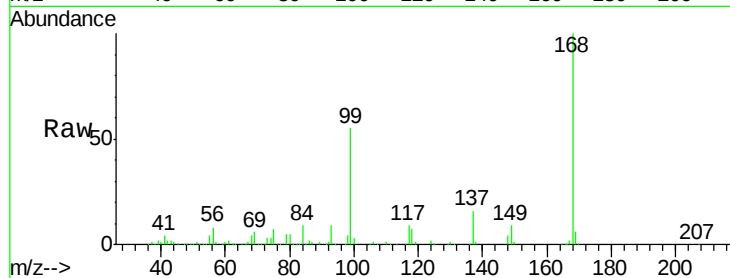
VSTDIC005

Tot Ion:168 Resp: 226060

Ion Ratio Lower Upper

168 100

99 54.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.80

100000

80000

60000

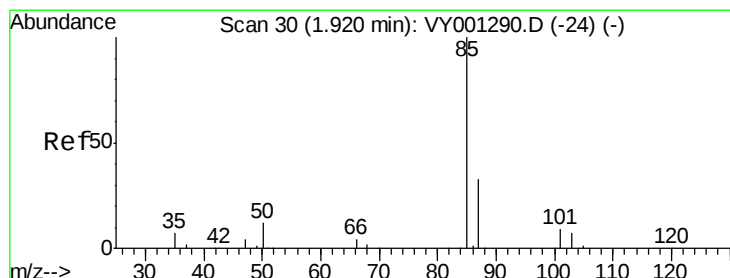
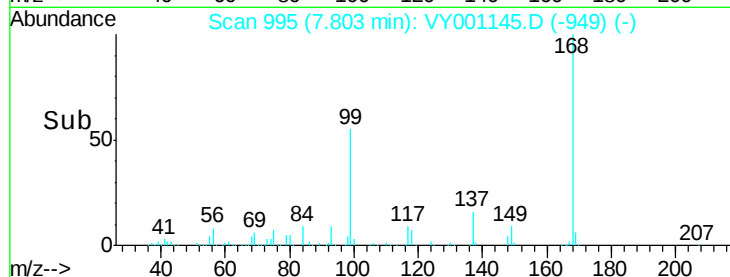
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.490 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.02 min

Lab File: VY001145.D

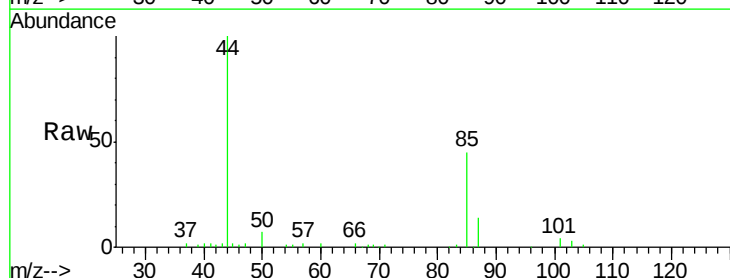
Acq: 10 Jan 2020 13:57

Tgt Ion: 85 Resp: 7795

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001290.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VY001290.D (-24) (-)

1.90

6000

5000

4000

3000

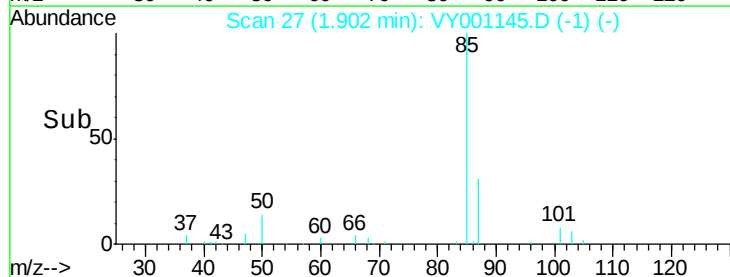
2000

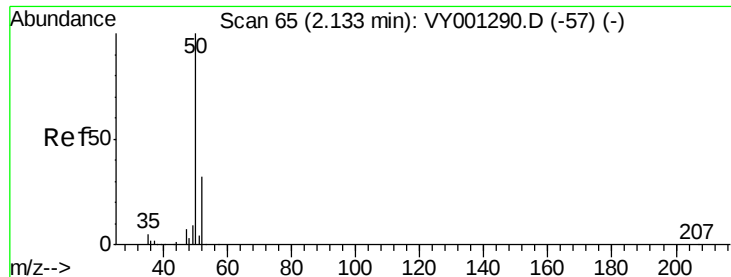
1000

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 5.334 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

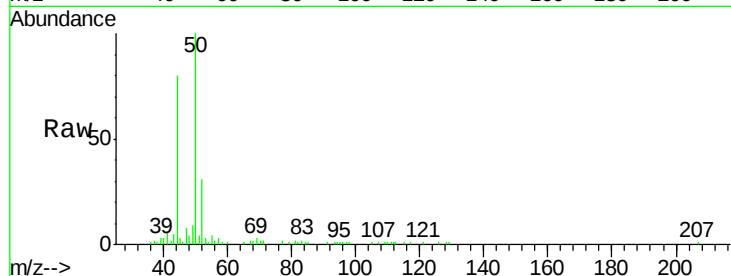
VSTDIC005

Tot Ion: 50 Resp: 13347

Ion Ratio Lower Upper

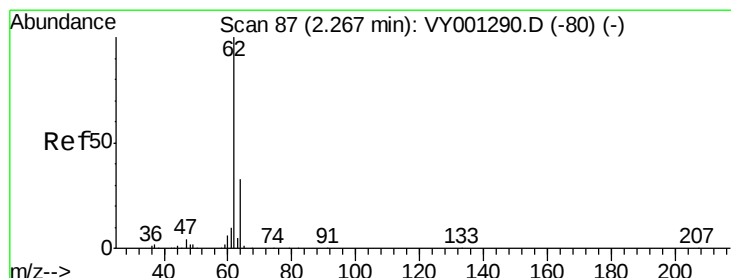
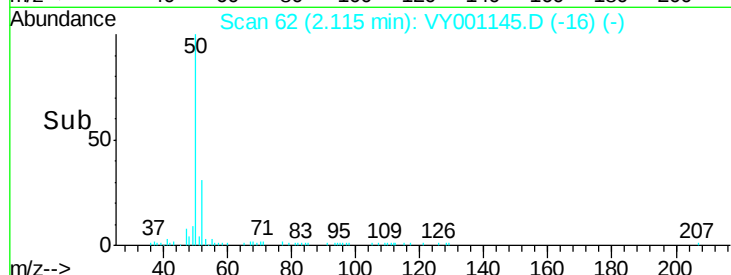
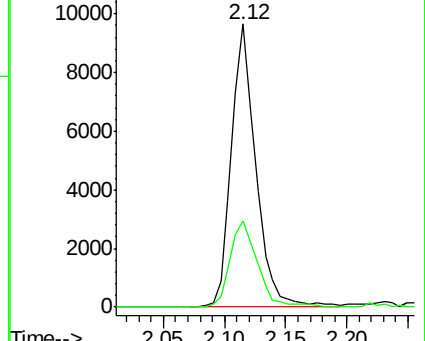
50 100

52 30.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 4.834 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001145.D

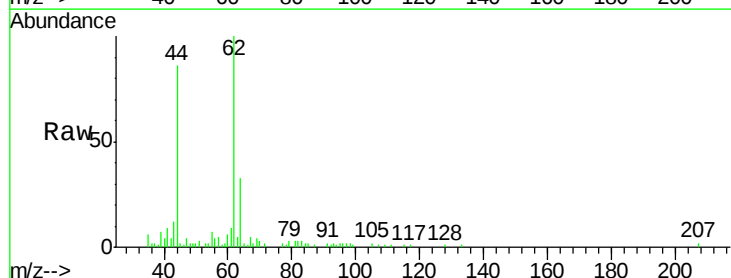
Acq: 10 Jan 2020 13:57

Tgt Ion: 62 Resp: 12188

Ion Ratio Lower Upper

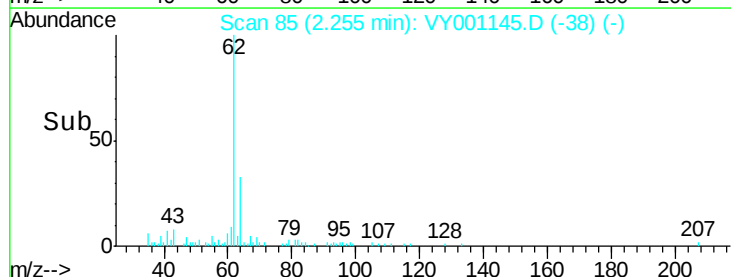
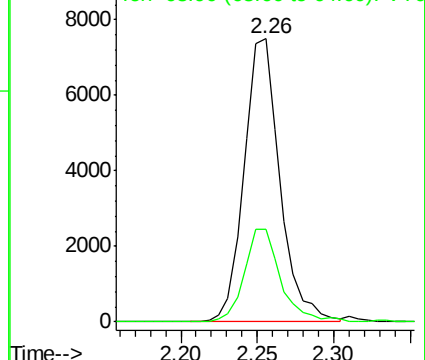
62 100

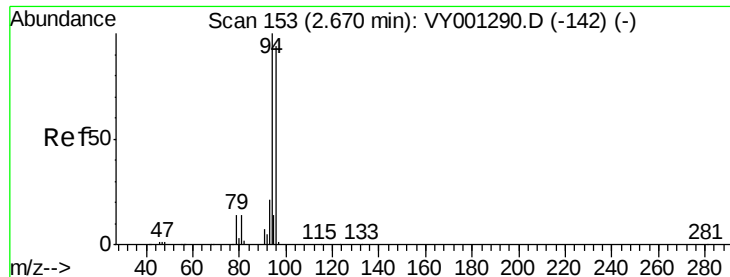
64 32.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 5.426 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

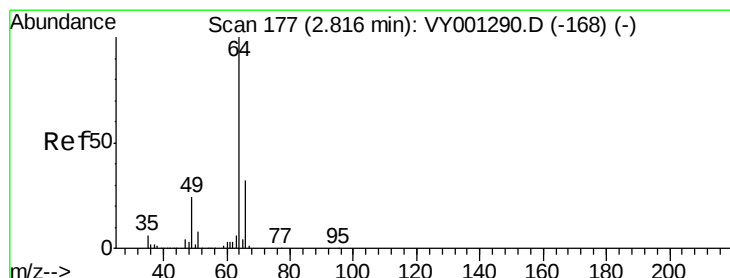
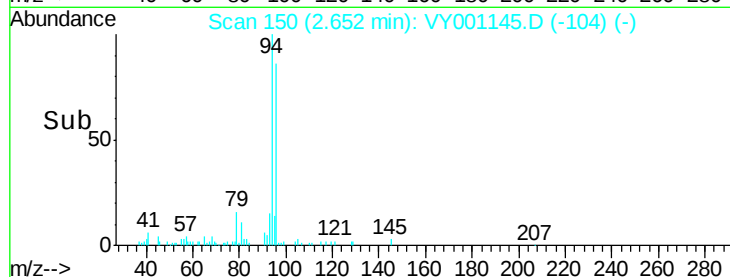
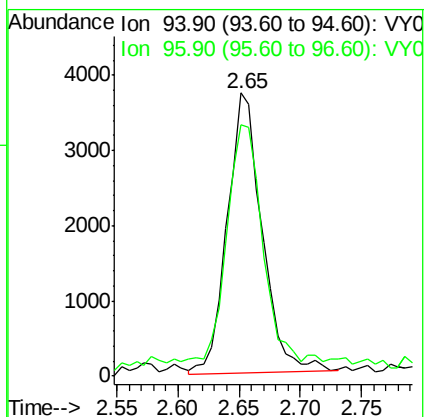
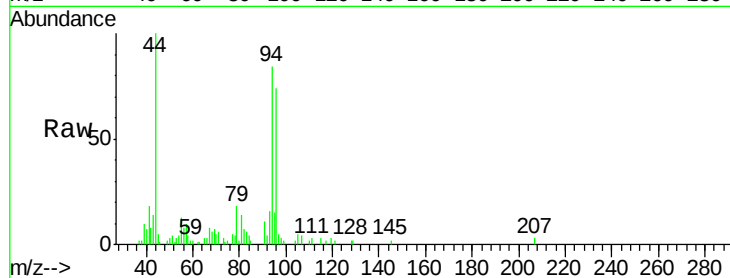
VSTDIC005

Tot Ion: 94 Resp: 7348

Ion Ratio Lower Upper

94 100

96 84.3 77.3 115.9



#6

Chloroethane

Concen: 5.314 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY001145.D

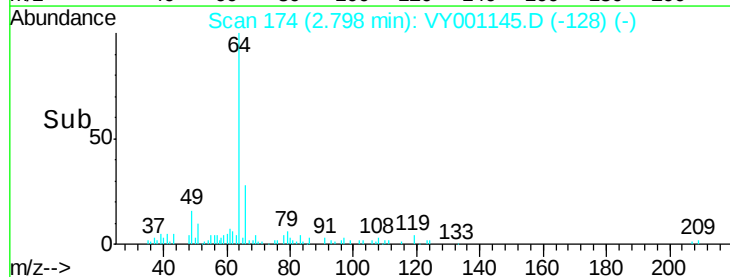
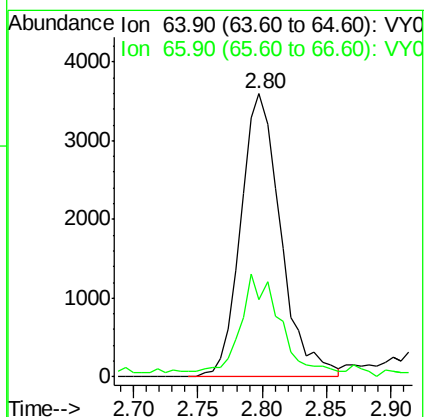
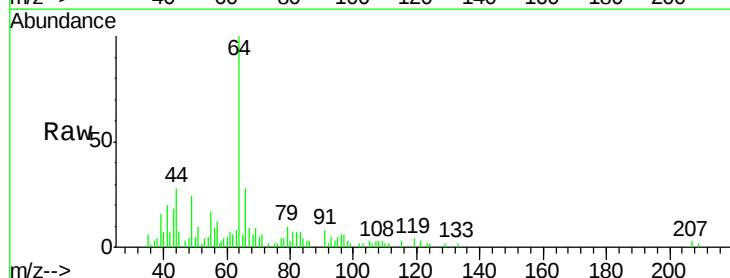
Acq: 10 Jan 2020 13:57

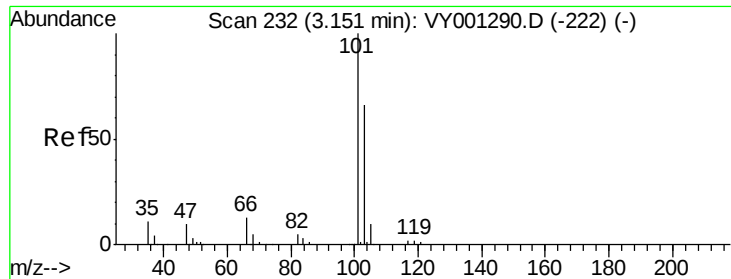
Tgt Ion: 64 Resp: 7740

Ion Ratio Lower Upper

64 100

66 25.7 25.5 38.3



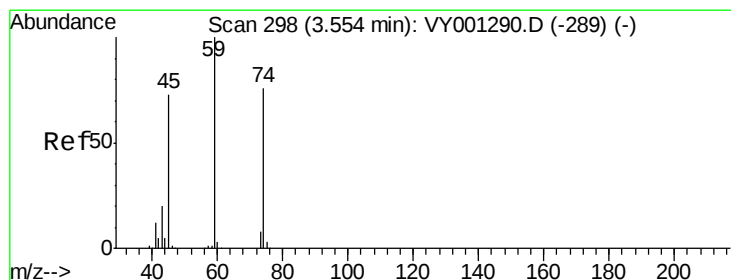
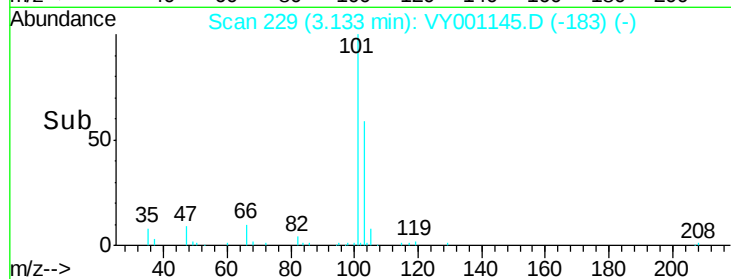
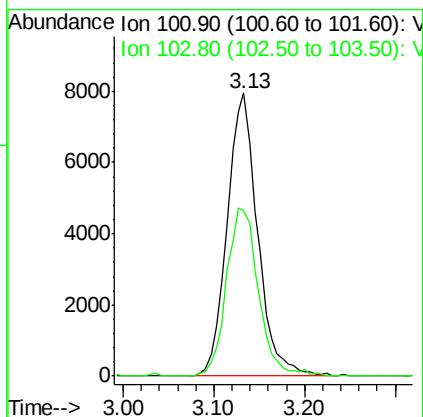
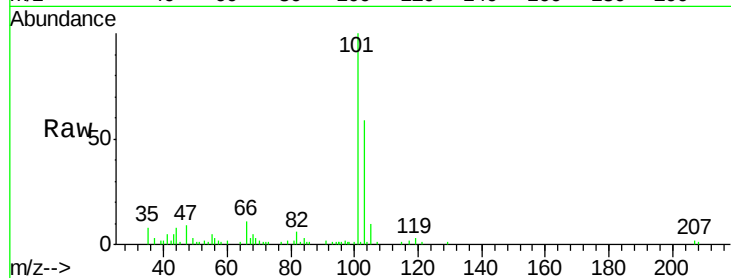


#7

Trichlorofluoromethane
 Concen: 5.276 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

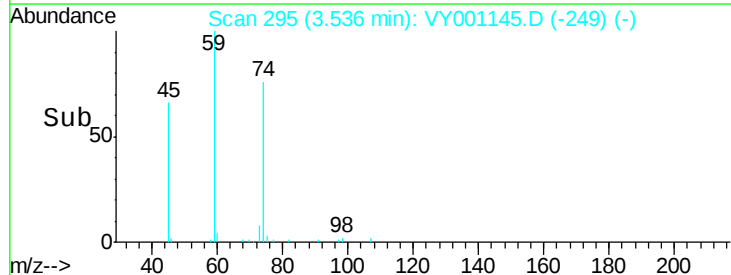
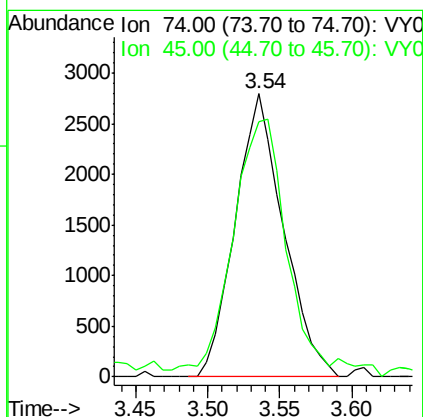
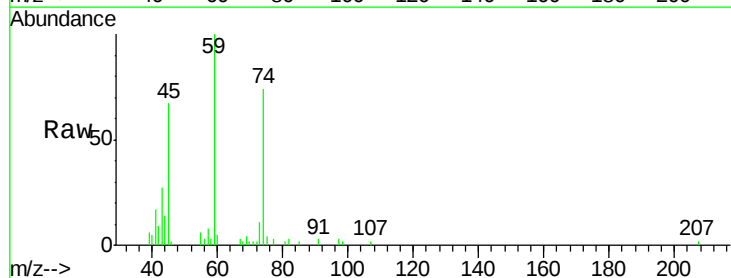
Tot Ion:101 Resp: 18514
 Ion Ratio Lower Upper
 101 100
 103 58.7 52.6 79.0

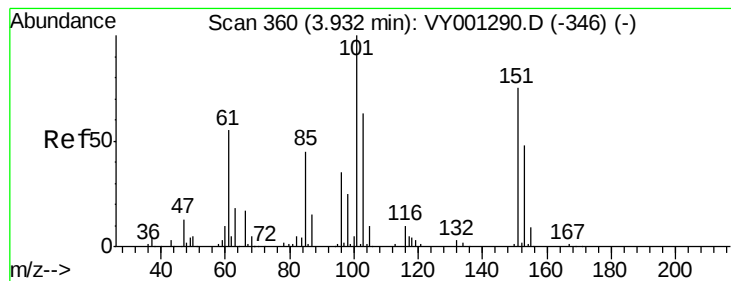


#8

Diethyl Ether
 Concen: 4.783 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion: 74 Resp: 6522
 Ion Ratio Lower Upper
 74 100
 45 104.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.945 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

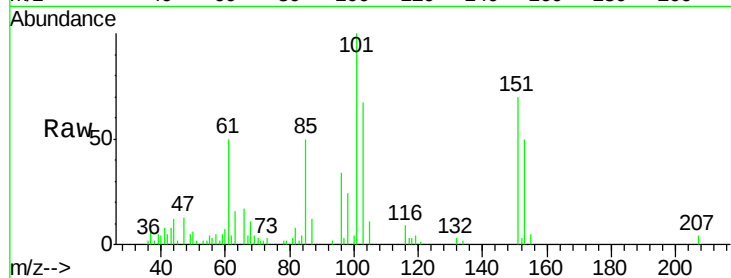
Tot Ion:101 Resp: 11171

Ion Ratio Lower Upper

101 100

85 50.5 35.2 52.8

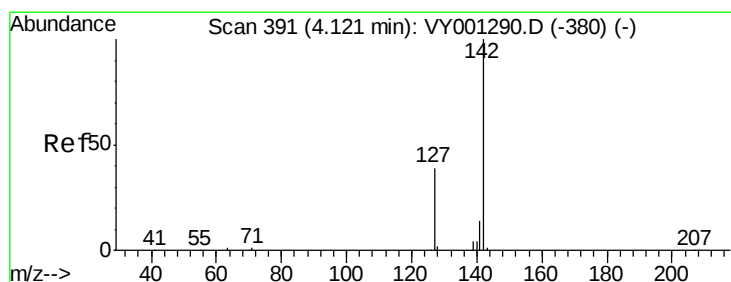
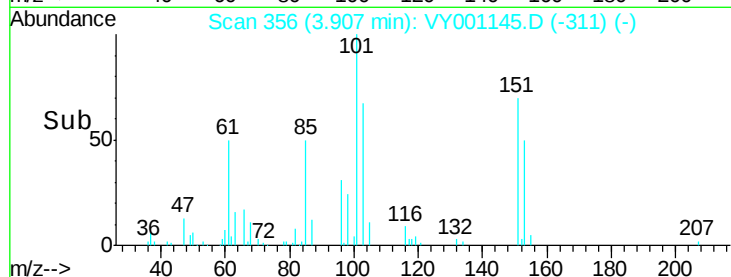
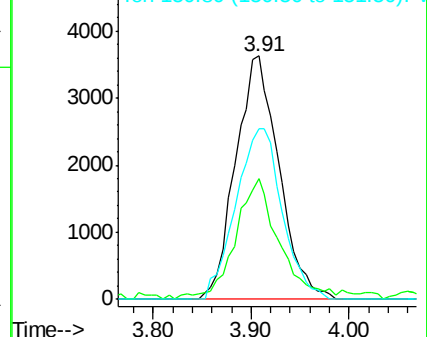
151 74.9 61.4 92.2



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: 4.943 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

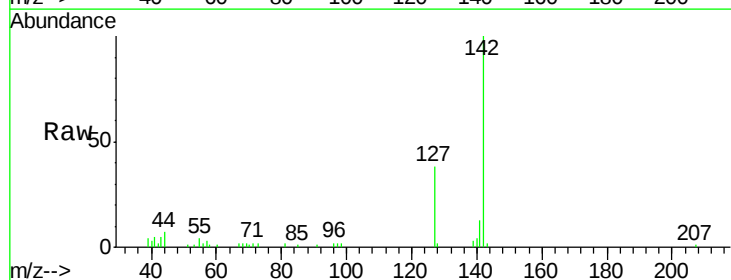
Tgt Ion:142 Resp: 15284

Ion Ratio Lower Upper

142 100

127 39.5 30.8 46.2

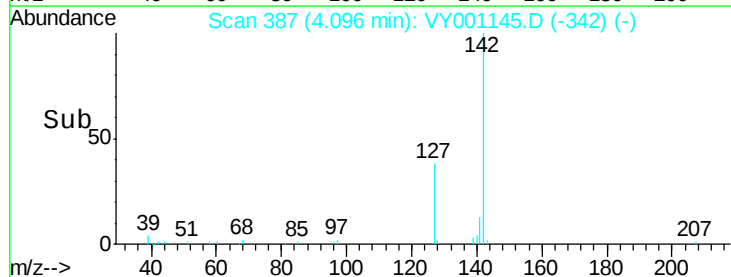
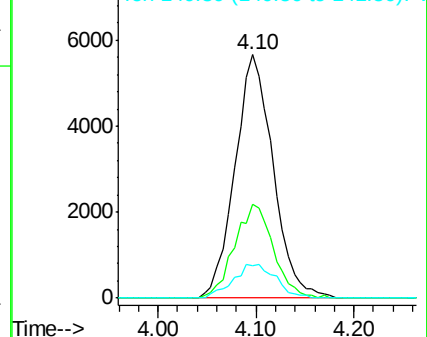
141 15.5 11.0 16.4

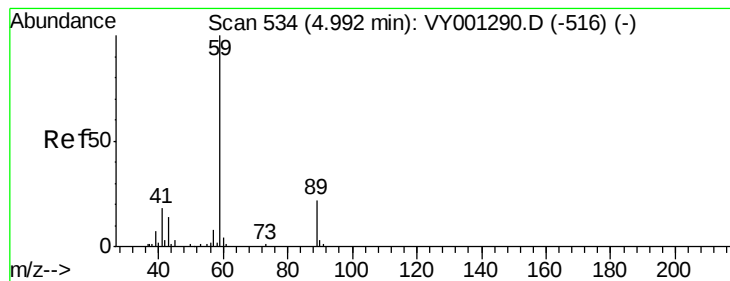


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 31.054 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.03 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

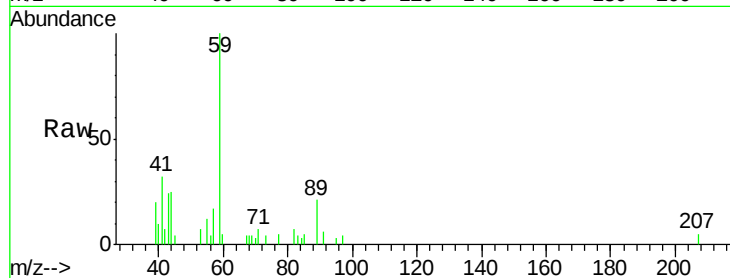
VSTDIC005

Tot Ion: 59 Resp: 7460

Ion Ratio Lower Upper

59 100

57 5.2 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.96

1500

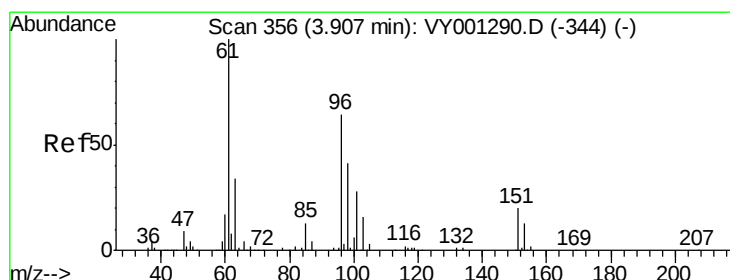
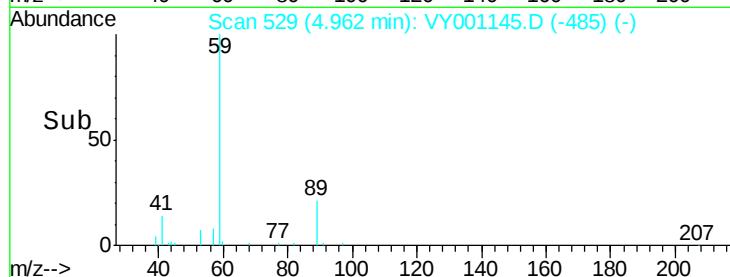
1000

500

0

Time-->

4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 5.031 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.03 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

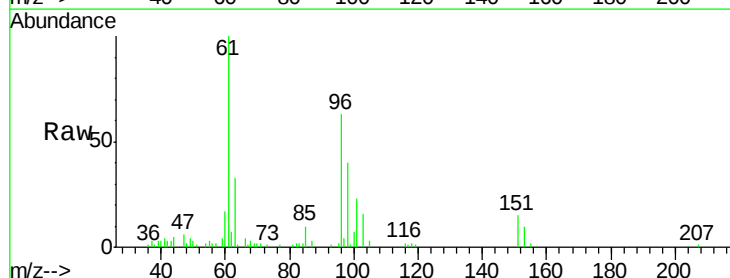
Tgt Ion: 96 Resp: 11626

Ion Ratio Lower Upper

96 100

61 157.8 122.1 183.1

98 62.9 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

3.88

8000

6000

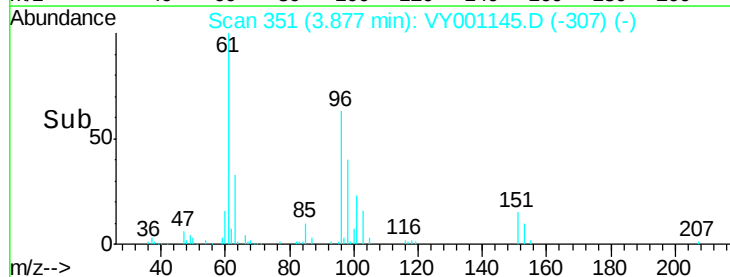
4000

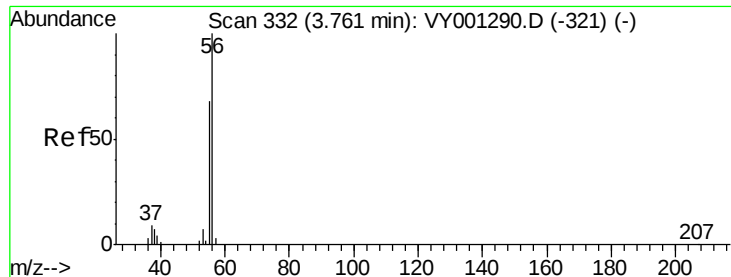
2000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 26.241 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

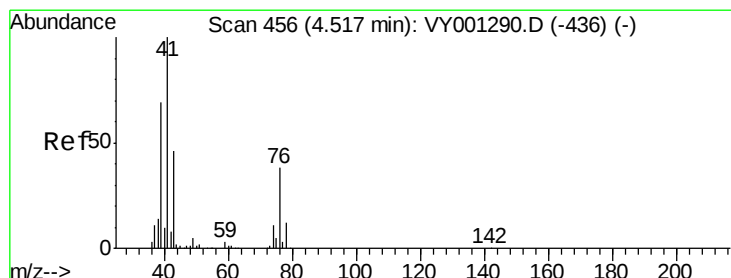
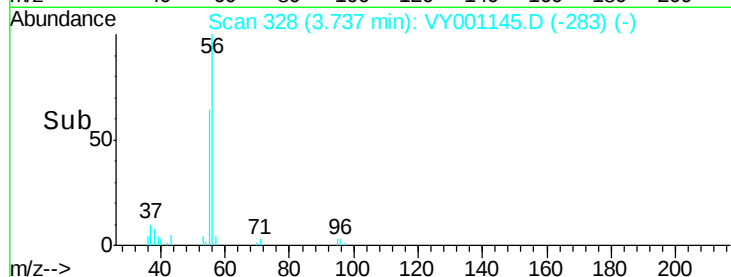
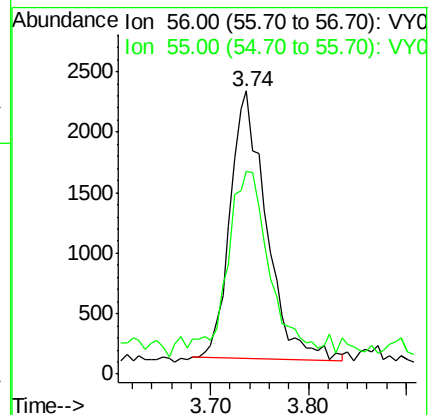
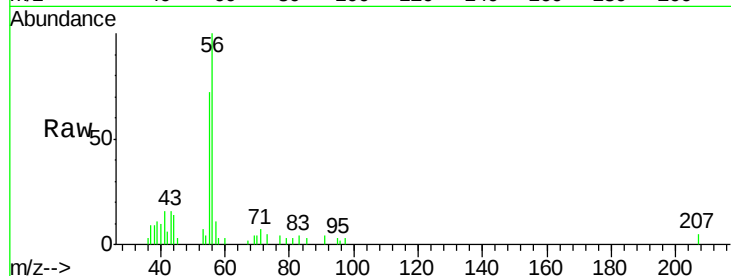
VSTDIC005

Tot Ion: 56 Resp: 5675

Ion Ratio Lower Upper

56 100

55 78.9 56.7 85.1



#14

Allyl chloride

Concen: 4.943 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

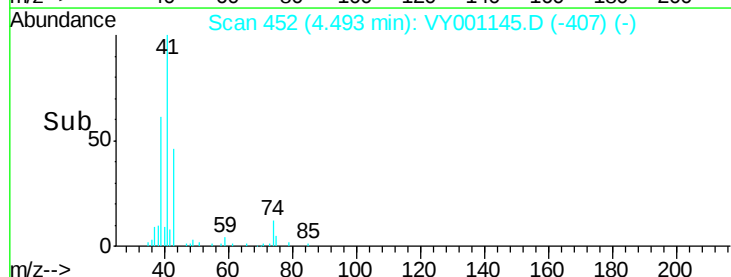
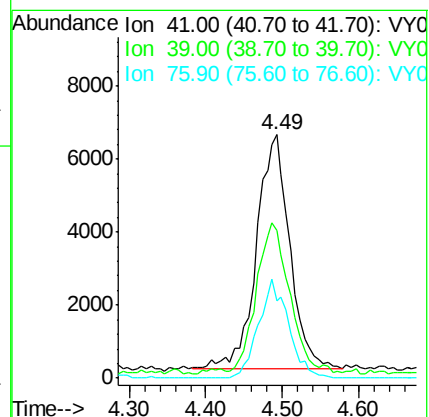
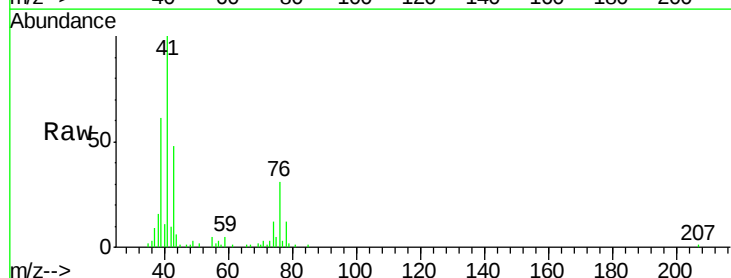
Tgt Ion: 41 Resp: 19278

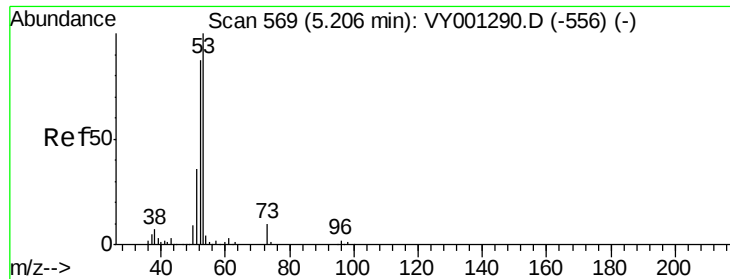
Ion Ratio Lower Upper

41 100

39 64.2 52.6 78.8

76 38.3 30.2 45.2





#15

Acrylonitrile

Concen: 25.265 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.04 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

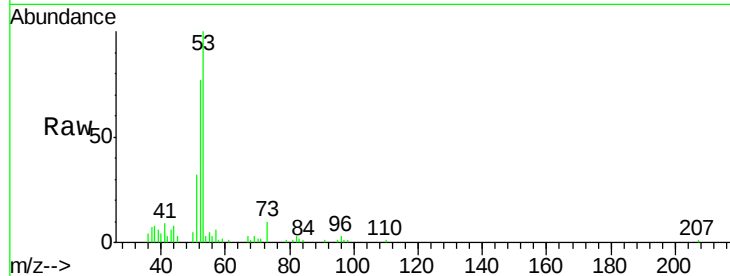
Tot Ion: 53 Resp: 17230

Ion Ratio Lower Upper

53 100

52 77.8 65.7 98.5

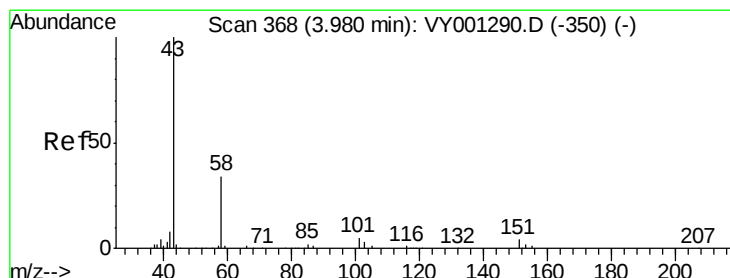
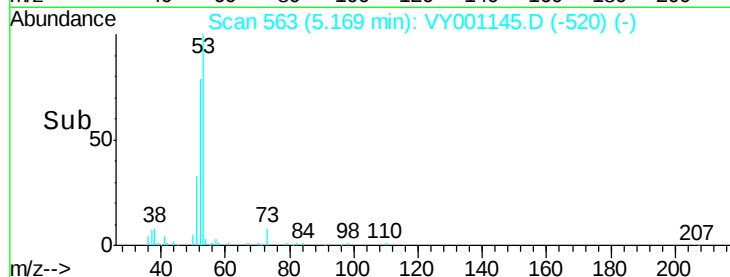
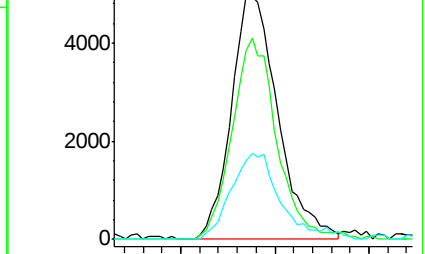
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY001290.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VY001290.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VY001290.D (-556) (-)



#16

Acetone

Concen: 28.200 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001145.D

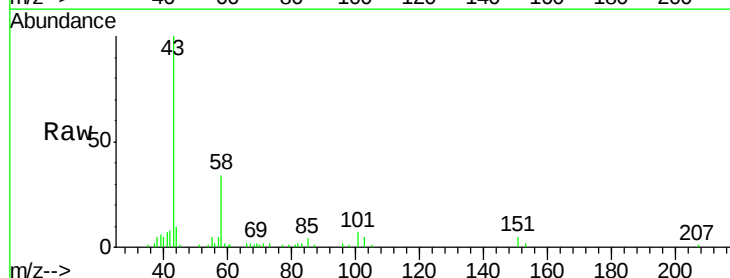
Acq: 10 Jan 2020 13:57

Tgt Ion: 43 Resp: 15637

Ion Ratio Lower Upper

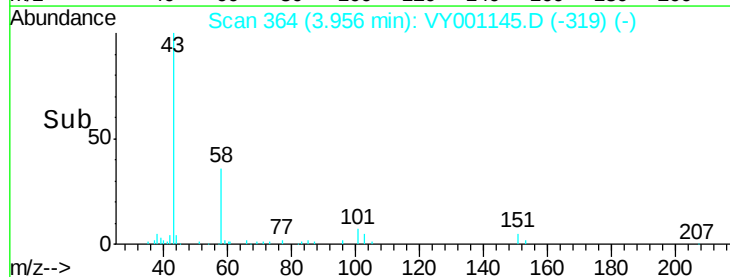
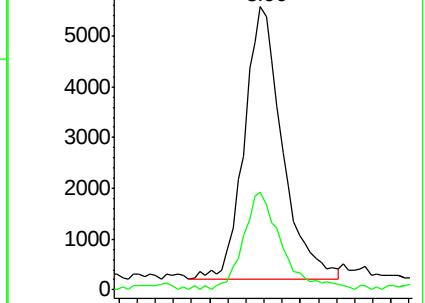
43 100

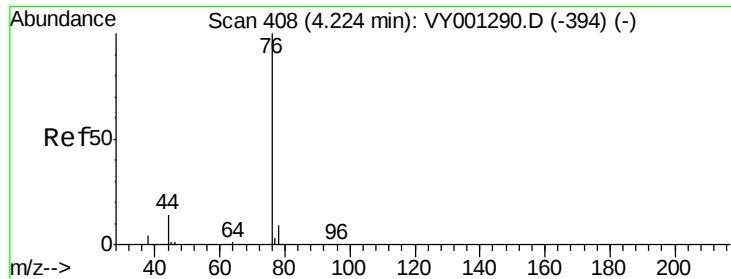
58 35.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)

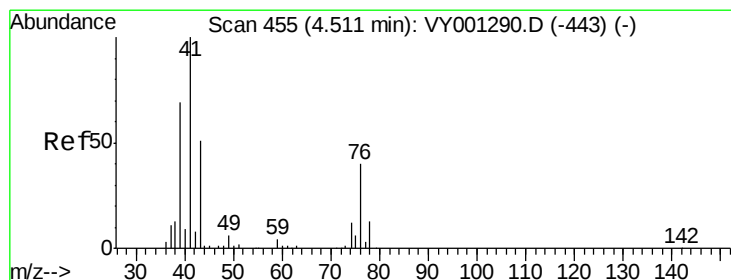
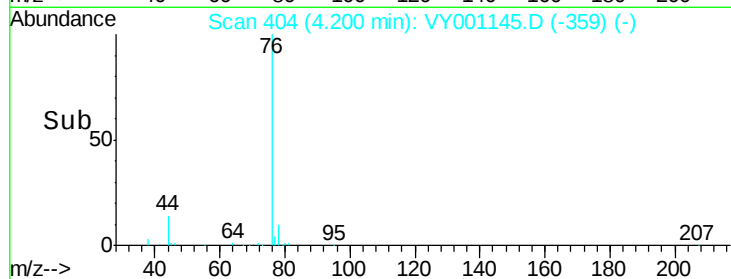
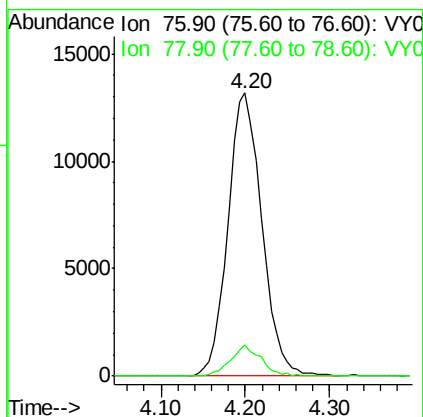
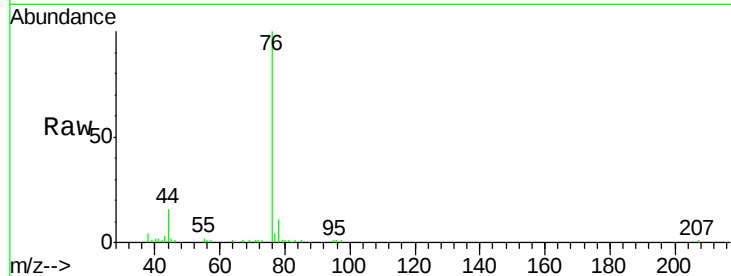




#17
Carbon Disulfide
Concen: 4.812 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

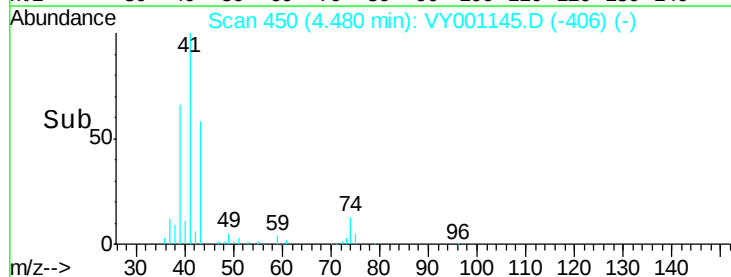
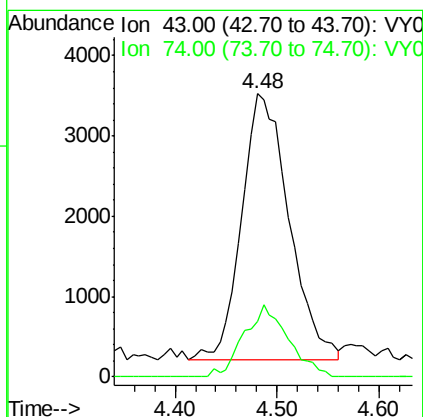
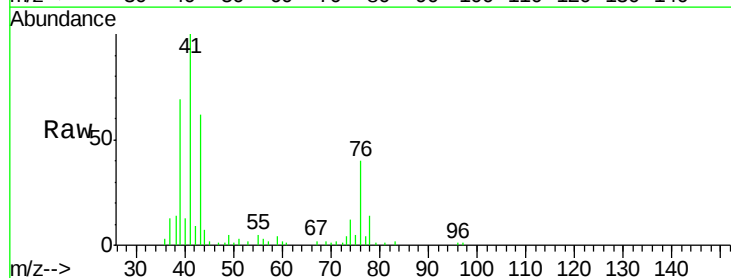
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

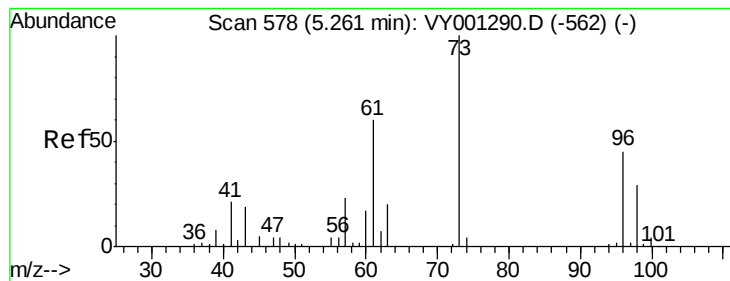
Tot Ion: 76 Resp: 35994
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#



#18
Methyl Acetate
Concen: 5.822 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.03 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 43 Resp: 10674
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



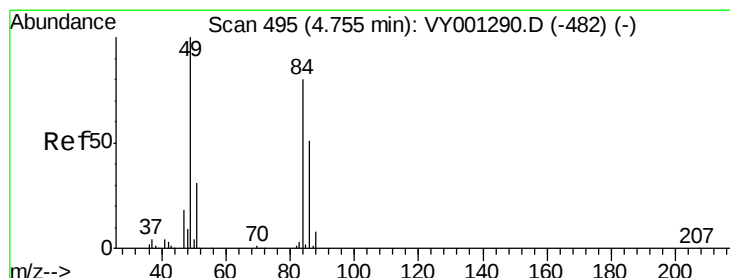
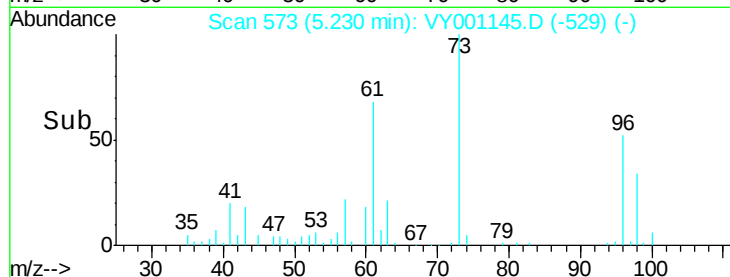
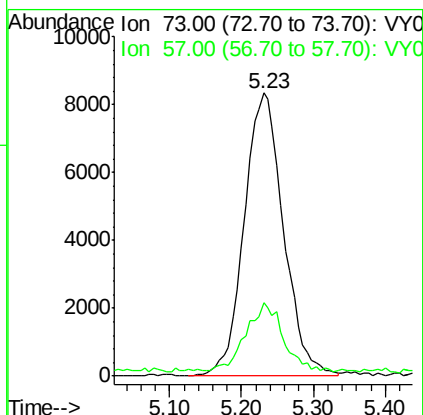
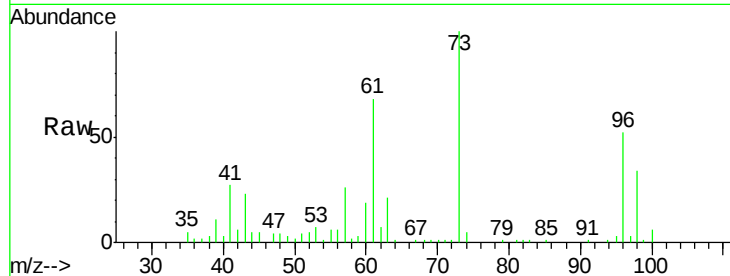


#19

Methyl tert-butyl Ether
 Concen: 4.951 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

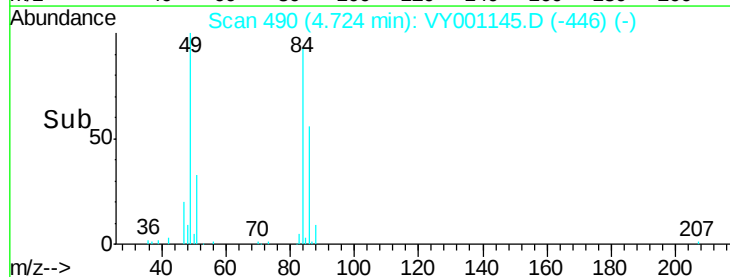
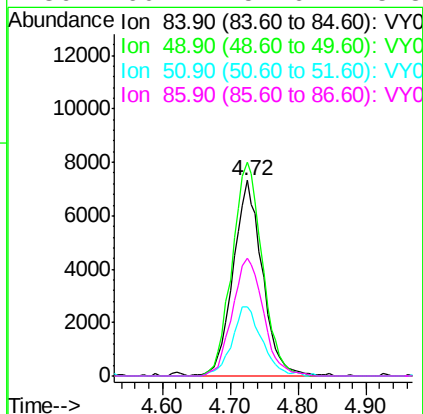
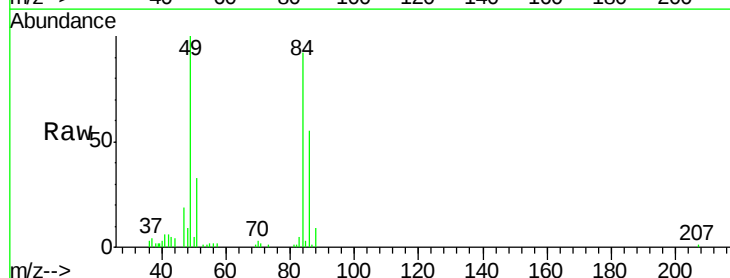
Tot Ion: 73 Resp: 31646
 Ion Ratio Lower Upper
 73 100
 57 23.9 17.8 26.6

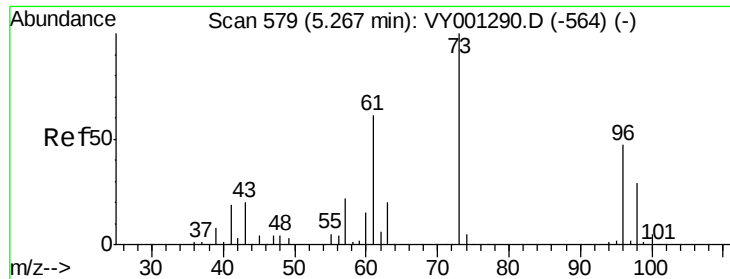


#20

Methylene Chloride
 Concen: 3.323 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion: 84 Resp: 21910
 Ion Ratio Lower Upper
 84 100
 49 109.2 93.8 140.6
 51 35.5 29.9 44.9
 86 60.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 5.042 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.04 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

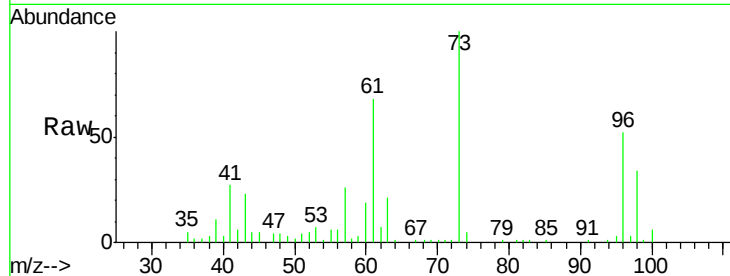
Tot Ion: 96 Resp: 13212

Ion Ratio Lower Upper

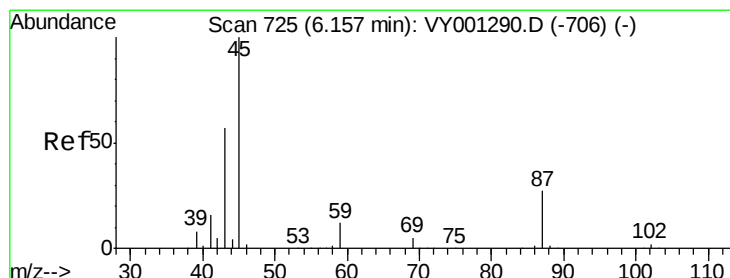
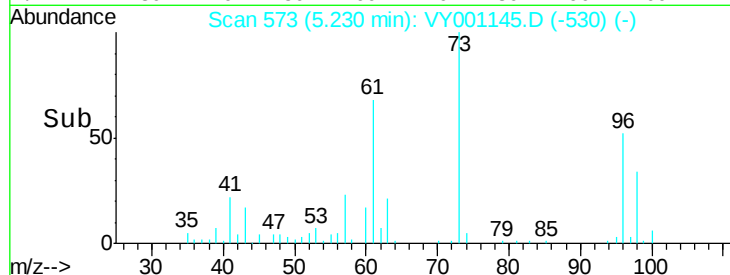
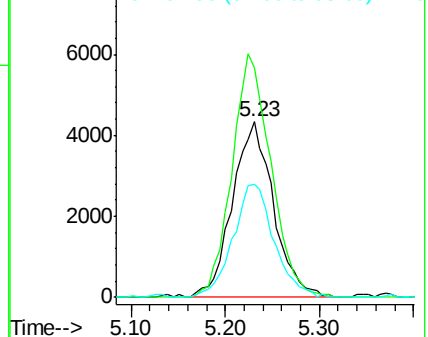
96 100

61 130.6 107.6 161.4

98 64.7 47.6 71.4



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



#22

Diisopropyl ether

Concen: 5.002 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Tgt Ion: 45 Resp: 39850

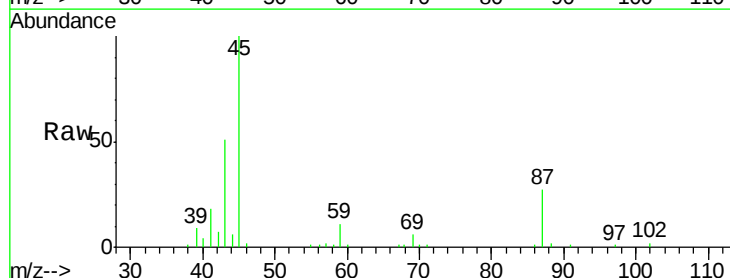
Ion Ratio Lower Upper

45 100

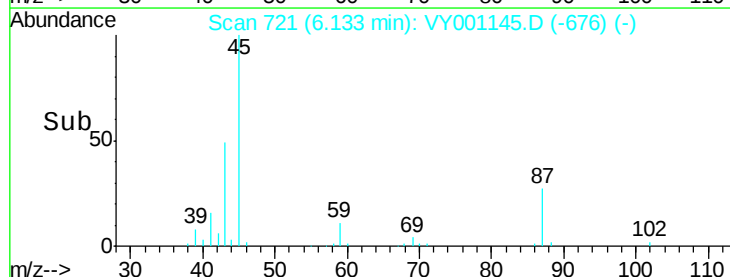
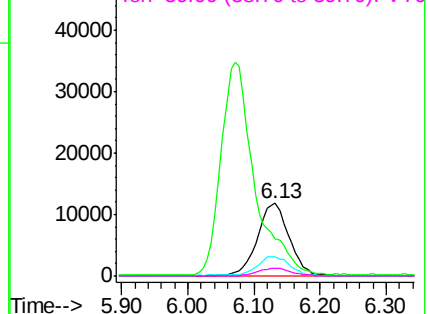
43 48.6 46.5 69.7

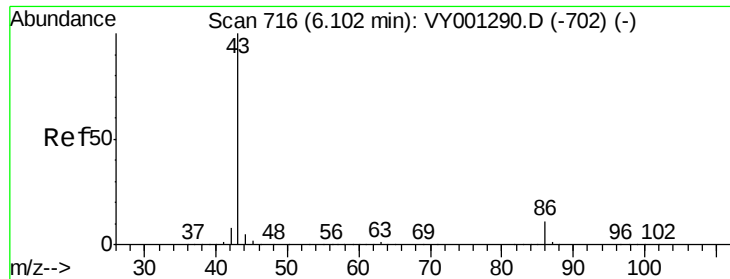
87 27.3 22.5 33.7

59 10.9 9.4 14.0



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: 23.969 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.03 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

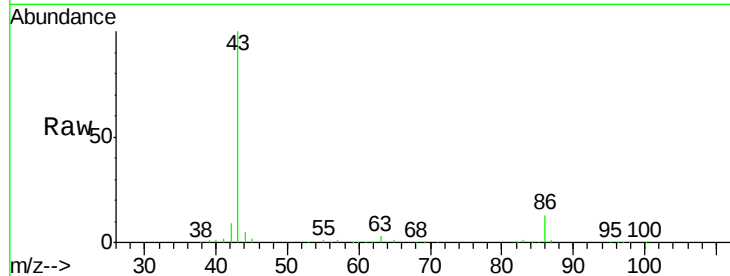
VSTDIC005

Tot Ion: 43 Resp: 122120

Ion Ratio Lower Upper

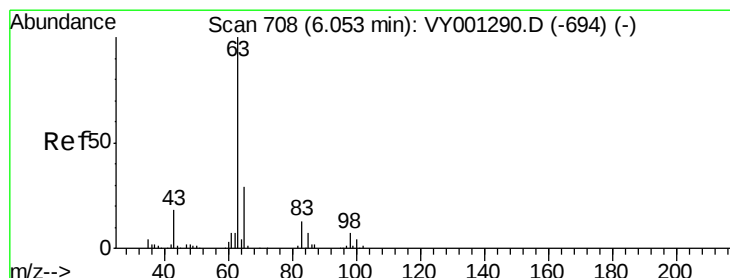
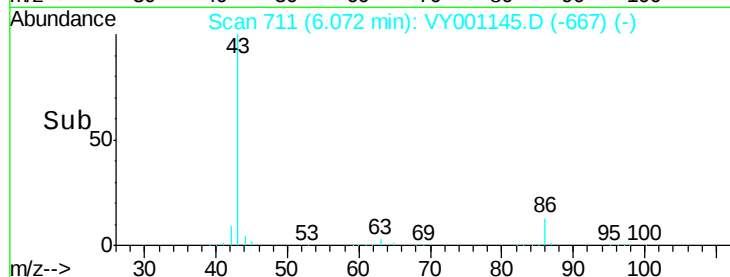
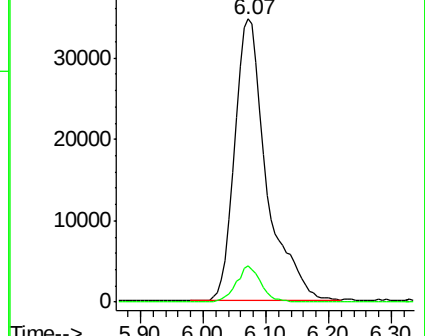
43 100

86 13.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 5.026 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

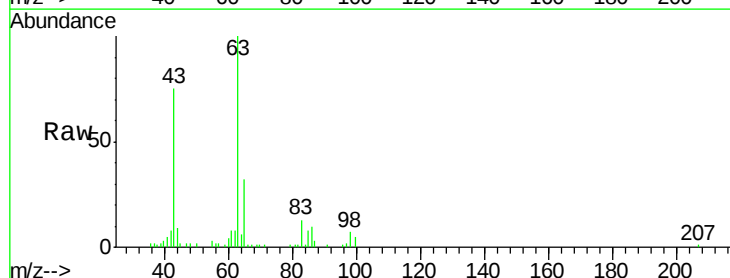
Tgt Ion: 63 Resp: 21921

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

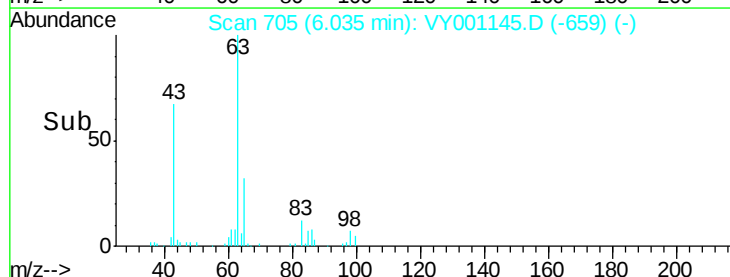
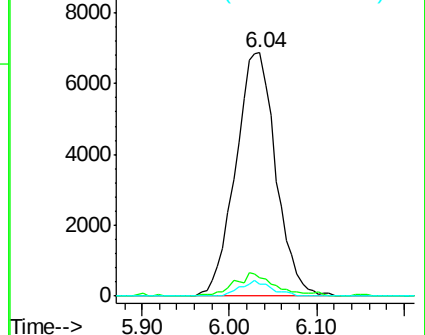
100 4.7 2.4 7.2

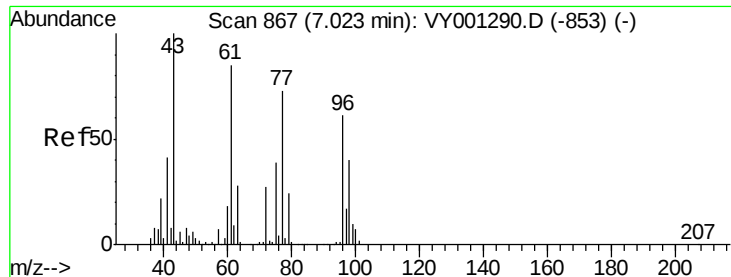


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

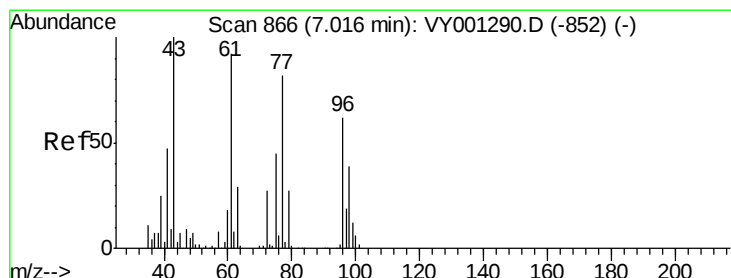
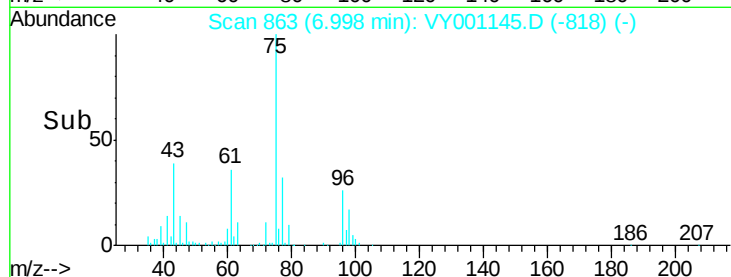
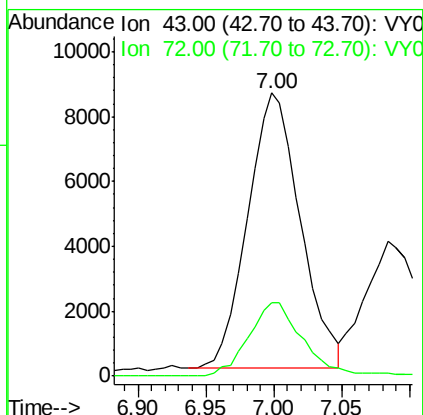
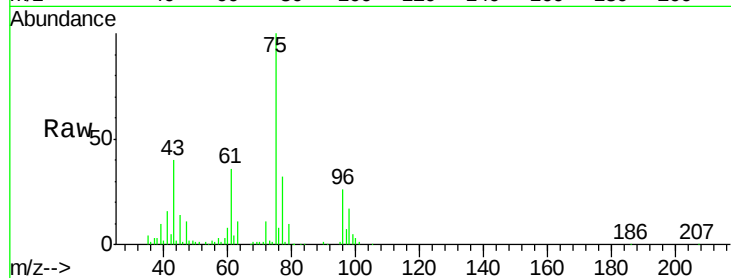




#25
2-Butanone
Concen: 26.555 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

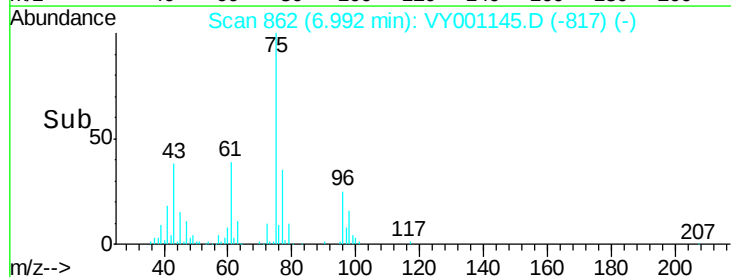
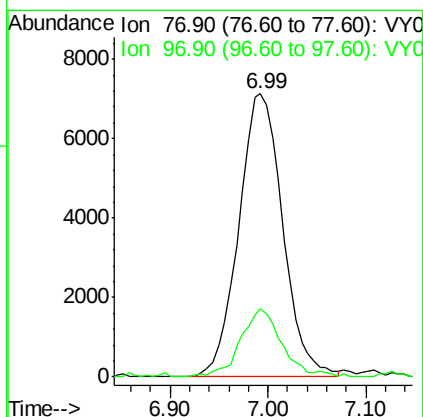
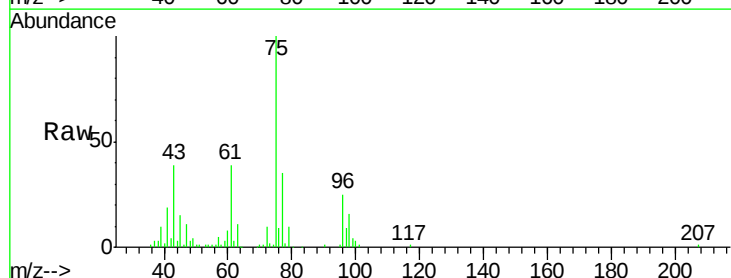
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

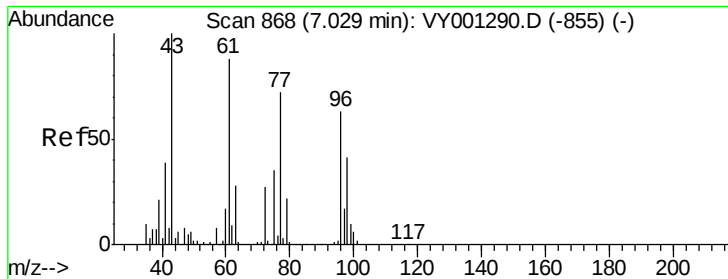
Tot Ion: 43 Resp: 22917
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 5.578 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 77 Resp: 22370
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7



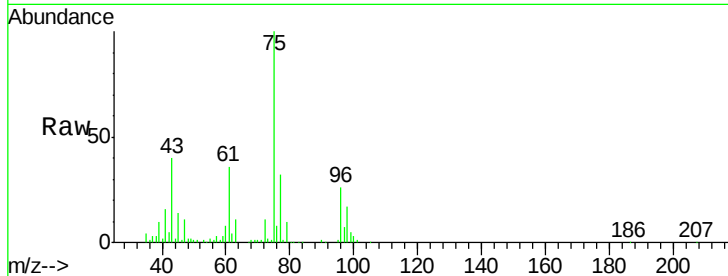


#27

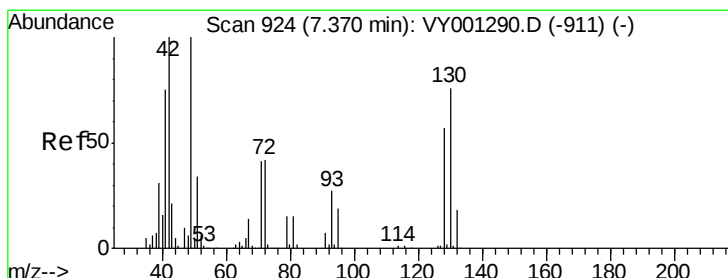
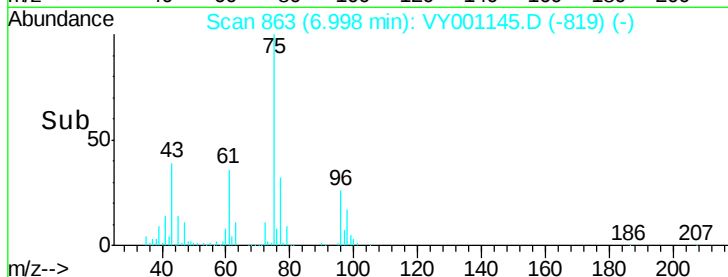
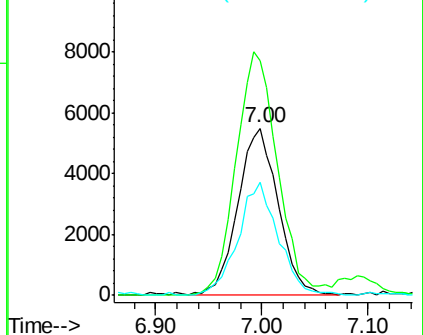
cis-1,2-Dichloroethene
Concen: 5.112 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.03 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 96 Resp: 14678
Ion Ratio Lower Upper
96 100
61 148.5 0.0 284.0
98 67.0 0.0 130.2



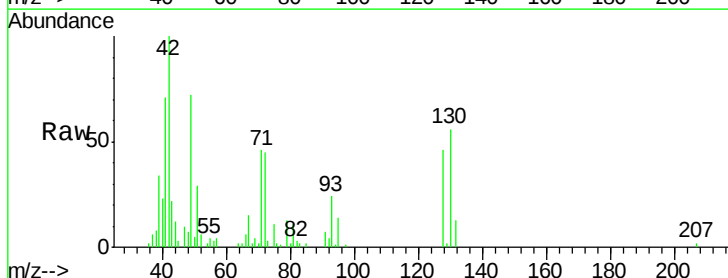
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



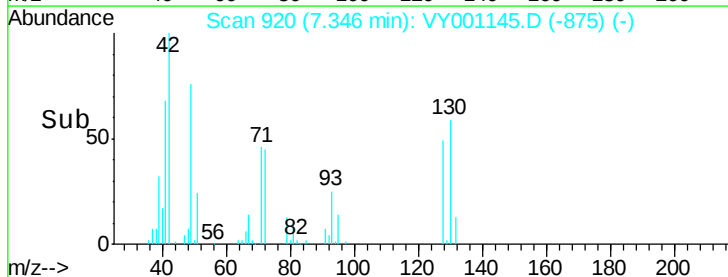
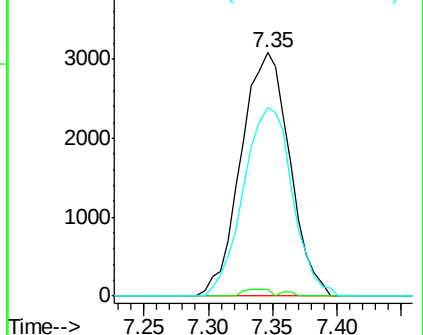
#28

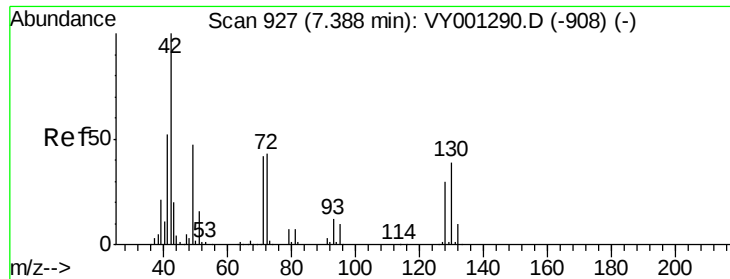
Bromochloromethane
Concen: 4.500 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 49 Resp: 8059
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.4
130 78.3 61.2 91.8



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

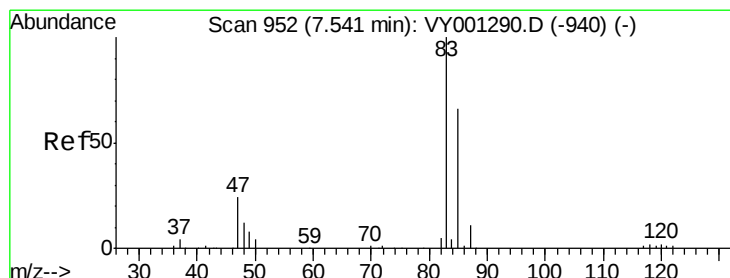
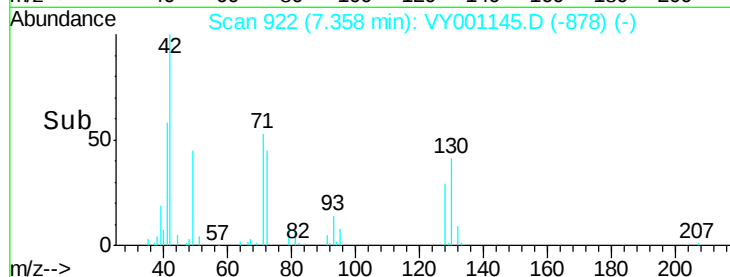
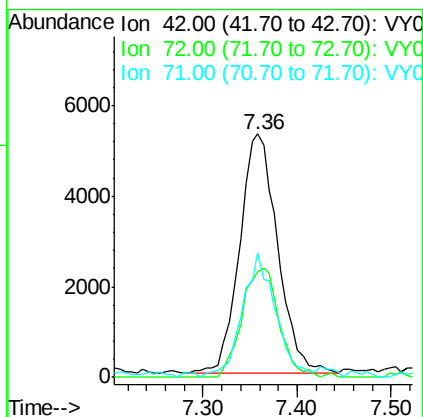
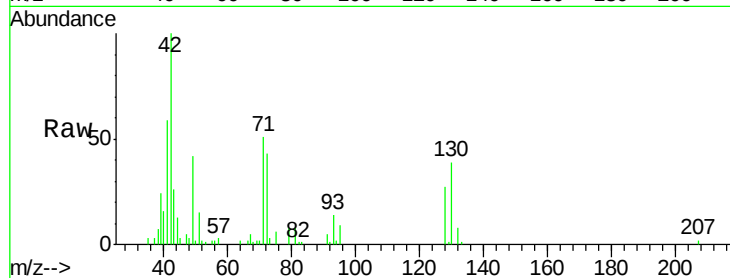




#29
Tetrahydrofuran
Concen: 25.167 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.03 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

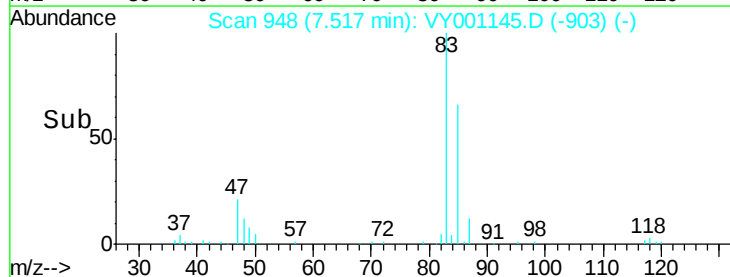
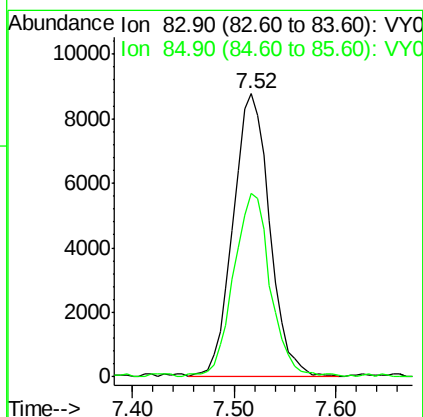
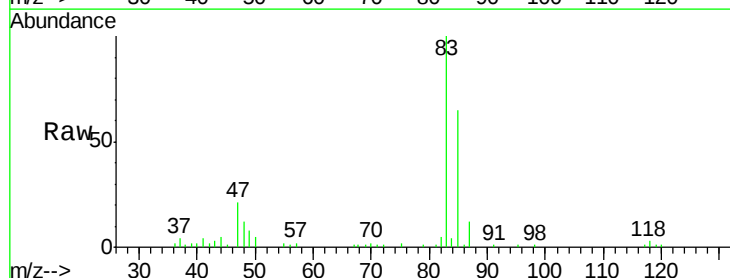
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

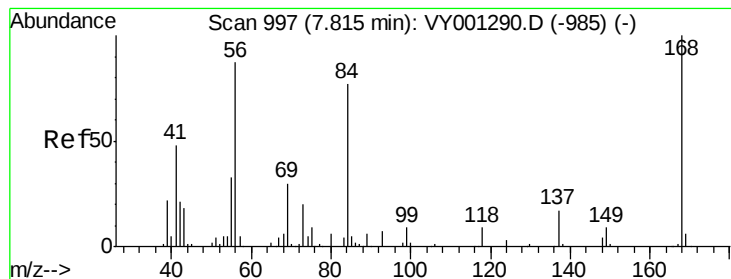
Tot Ion: 42 Resp: 14884
Ion Ratio Lower Upper
42 100
72 44.7 36.9 55.3
71 45.7 34.0 51.0



#30
Chloroform
Concen: 5.123 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 83 Resp: 21892
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9





#31

Cyclohexane

Concen: 5.620 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

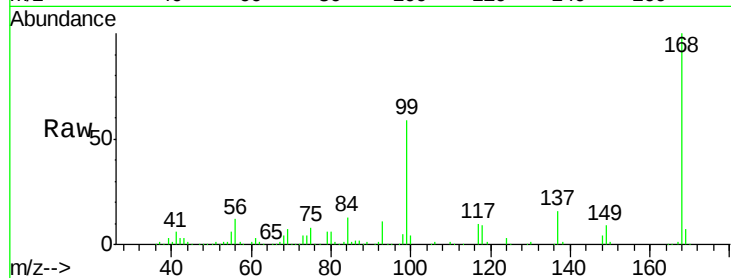
Tot Ion: 56 Resp: 25952

Ion Ratio Lower Upper

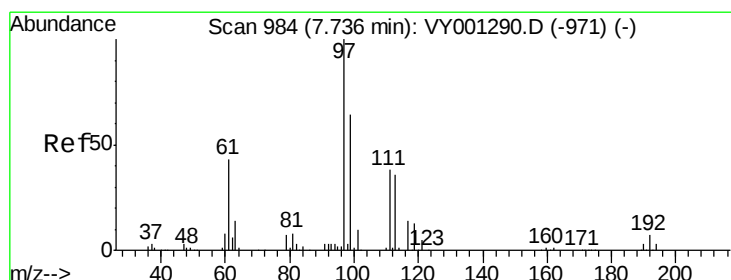
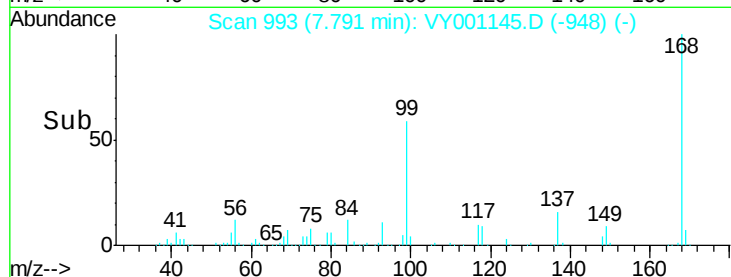
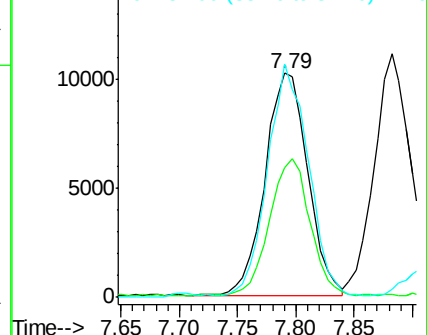
56 100

69 57.6 27.8 41.8#

84 103.5 68.9 103.3#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 5.141 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

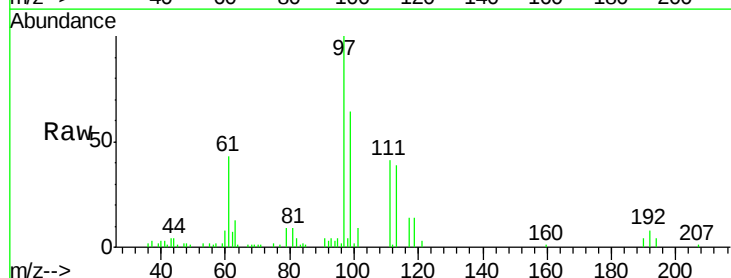
Tgt Ion: 97 Resp: 19494

Ion Ratio Lower Upper

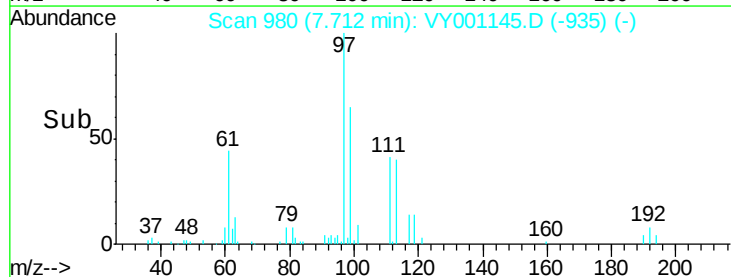
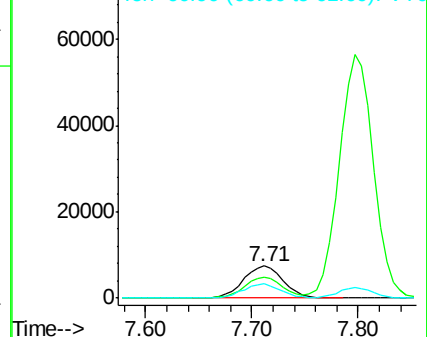
97 100

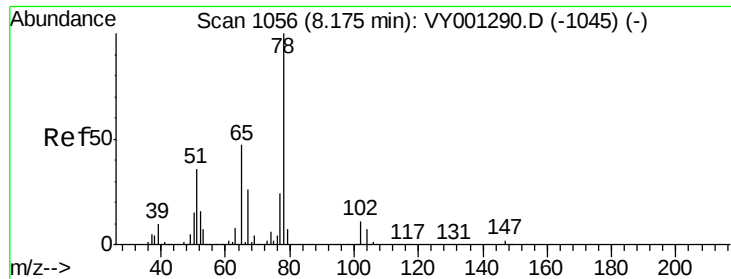
99 61.9 51.3 76.9

61 42.4 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

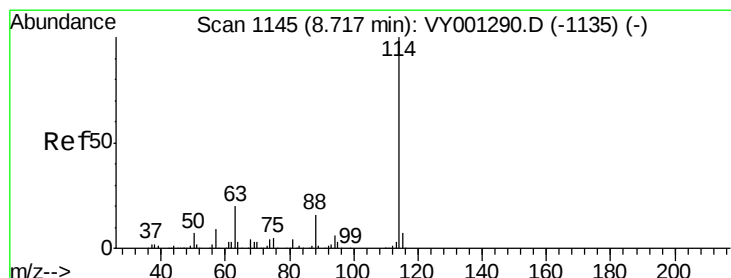
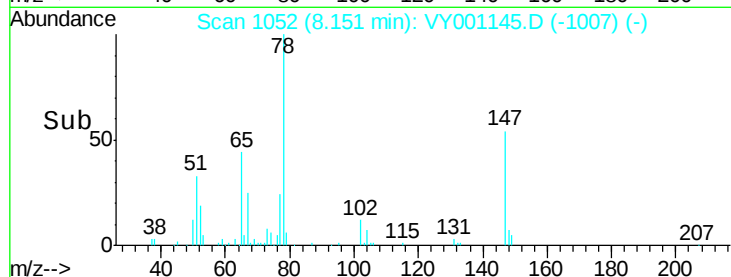
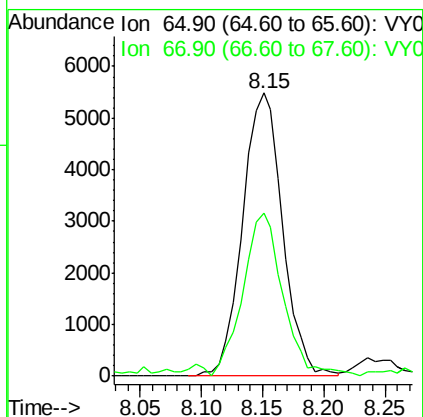
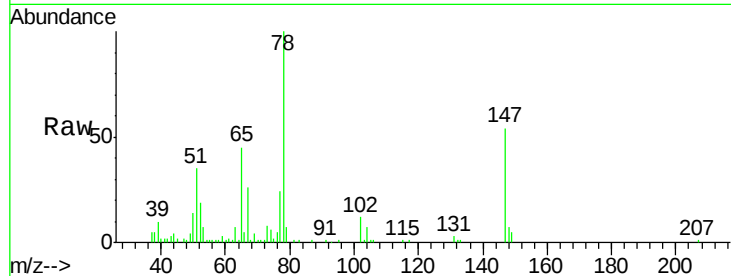




#33
 1,2-Dichloroethane-d4
 Concen: 5.210 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

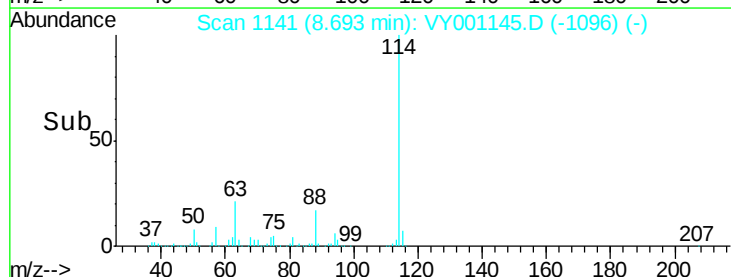
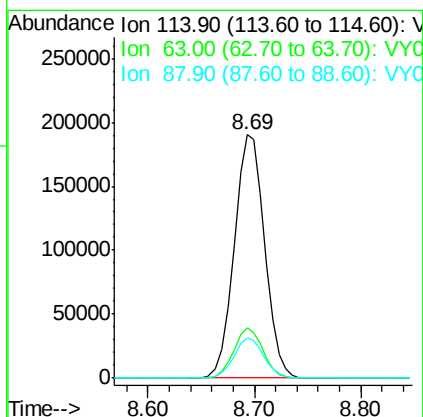
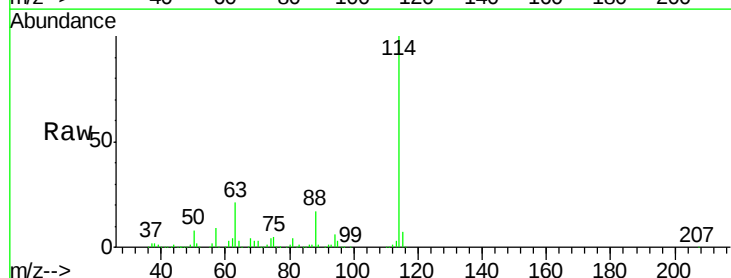
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

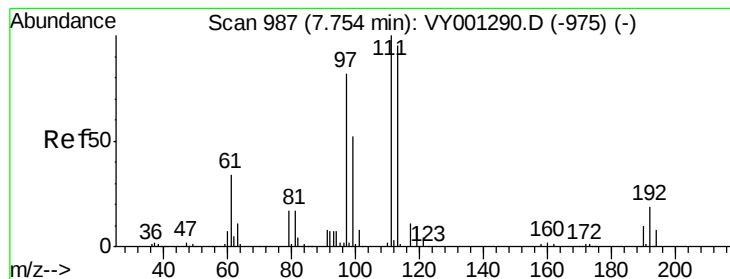
Tot Ion: 65 Resp: 12439
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion: 114 Resp: 380318
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 5.037 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.03 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

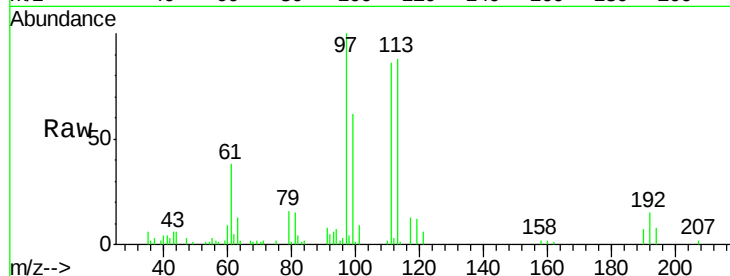
Tot Ion:113 Resp: 11216

Ion Ratio Lower Upper

113 100

111 105.9 82.9 124.3

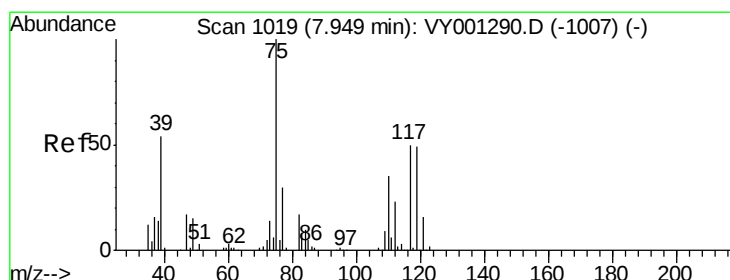
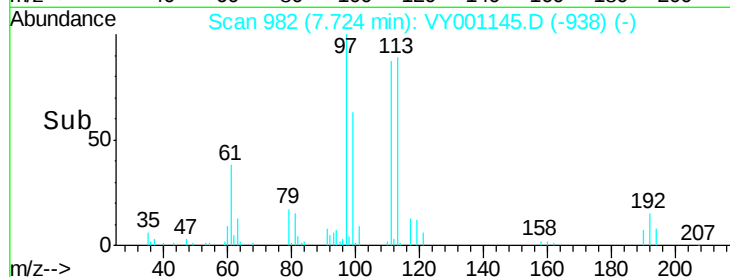
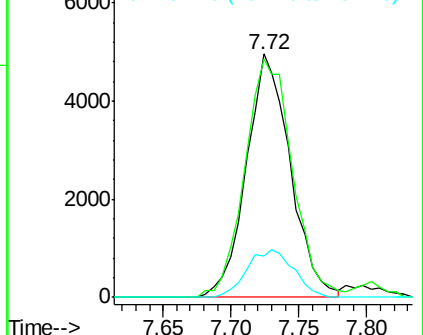
192 20.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.112 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.03 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

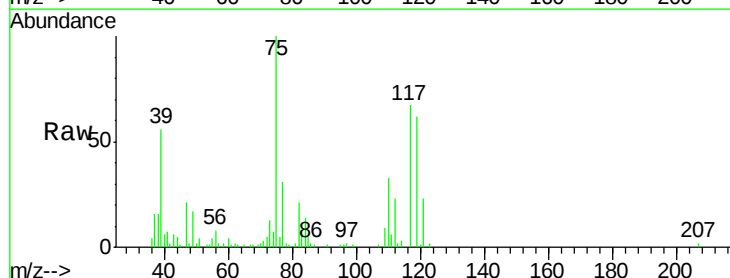
Tgt Ion: 75 Resp: 17721

Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.8

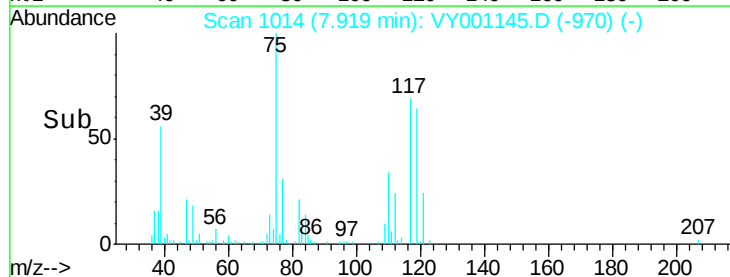
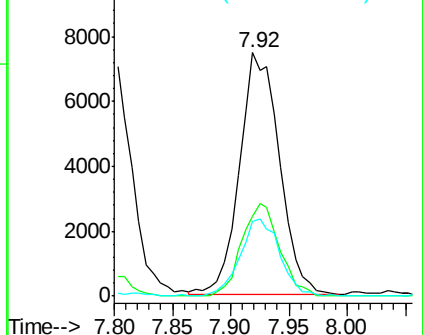
77 31.8 25.1 37.7

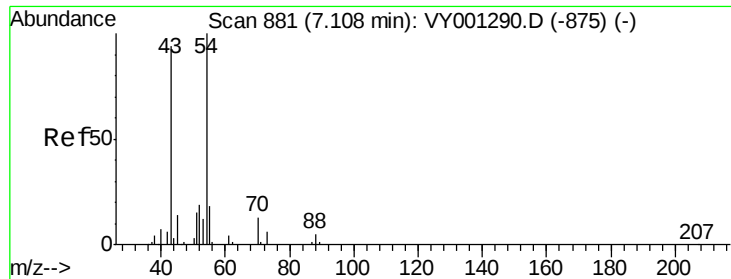


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

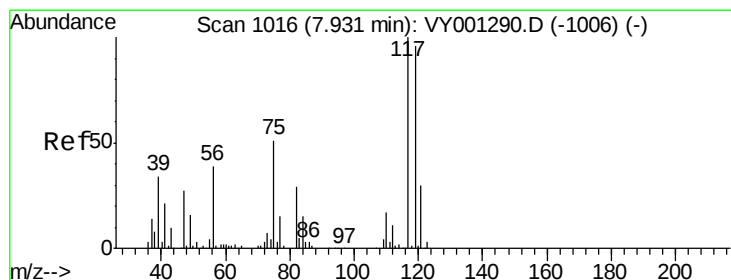
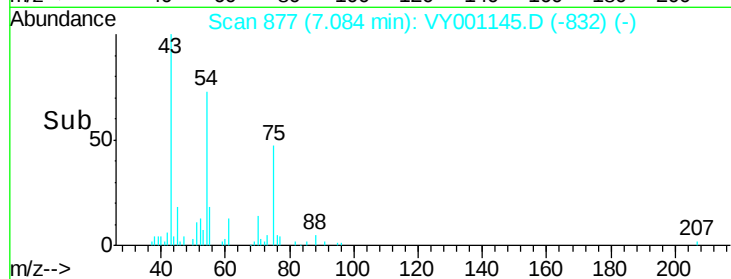
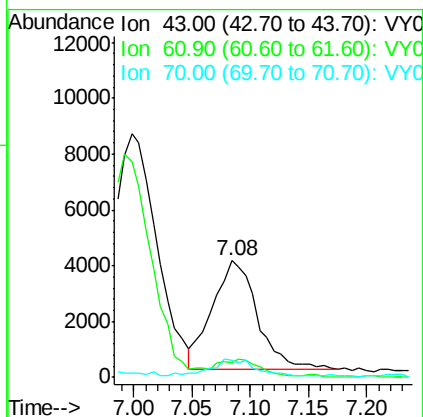
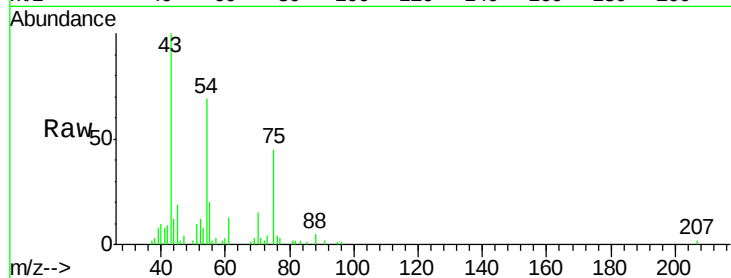




#37
Ethyl Acetate
Concen: 5.148 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

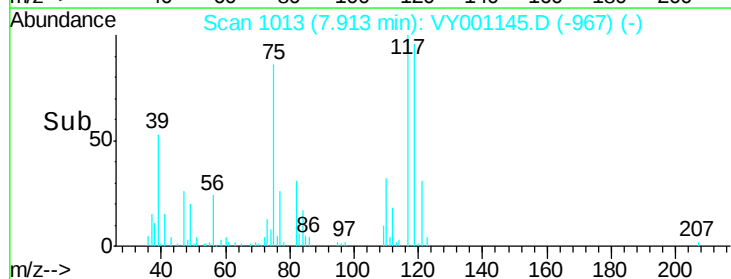
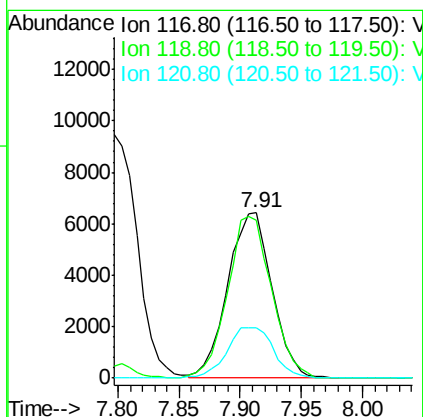
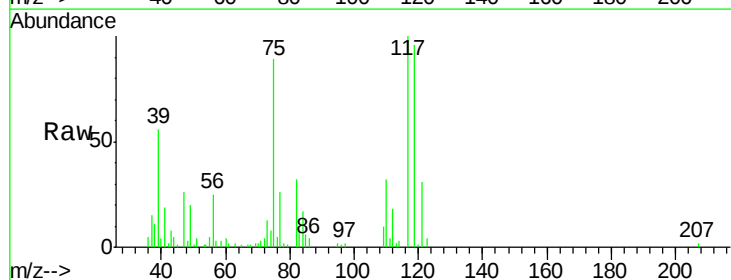
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

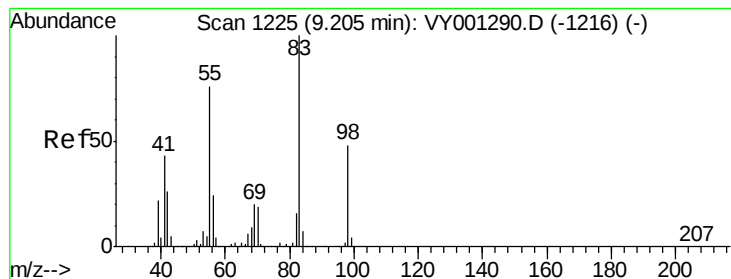
Tot Ion: 43 Resp: 10473
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 14.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 117 Resp: 16176
Ion Ratio Lower Upper
117 100
119 95.8 78.3 117.5
121 30.7 23.5 35.3





#39

Methvlcvclohexane

Concen: 5.131 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

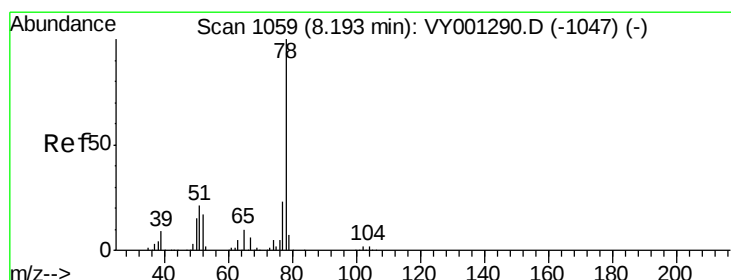
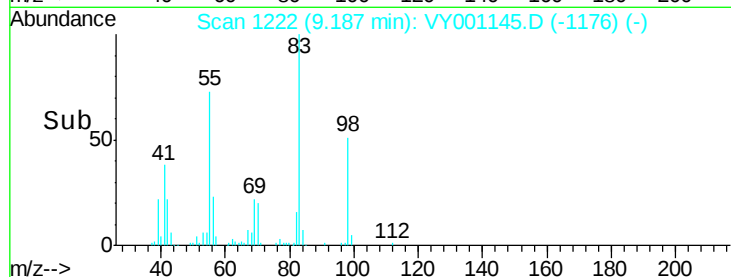
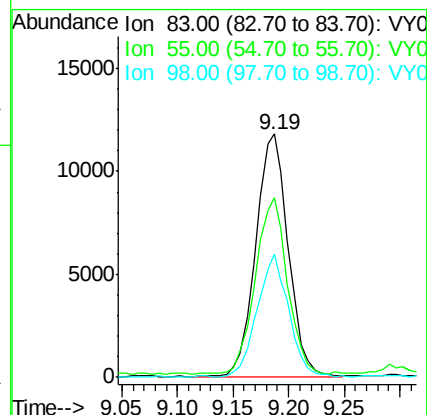
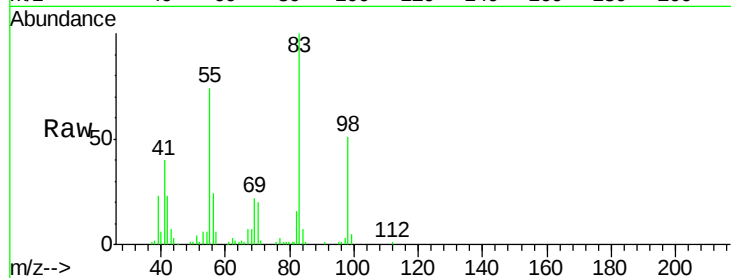
Tot Ion: 83 Resp: 24112

Ion Ratio Lower Upper

83 100

55 72.8 58.9 88.3

98 50.8 38.4 57.6



#40

Benzene

Concen: 5.162 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.02 min

Lab File: VY001145.D

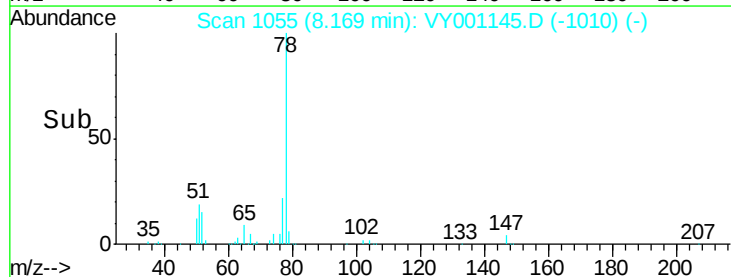
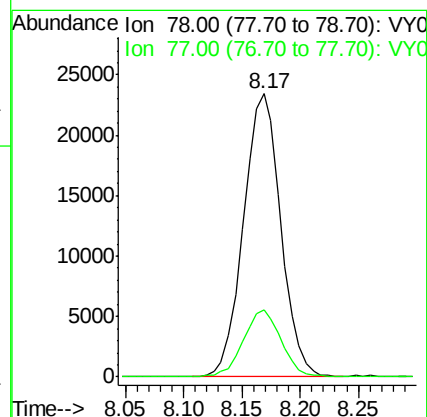
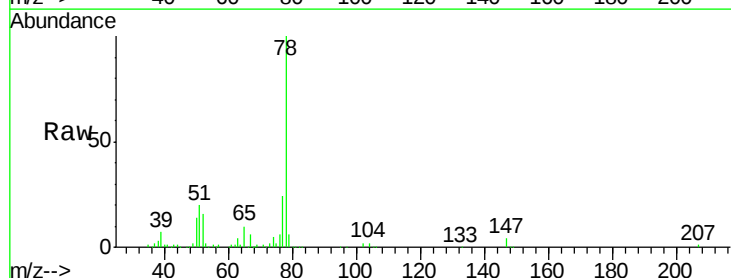
Acq: 10 Jan 2020 13:57

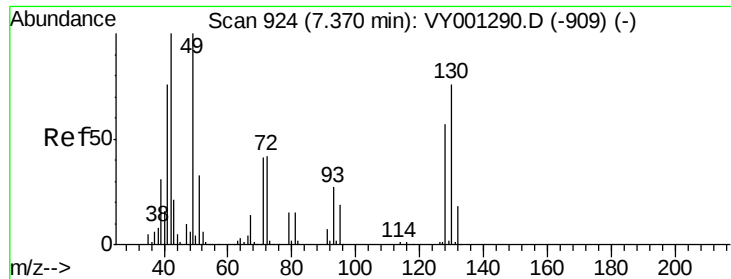
Tgt Ion: 78 Resp: 52233

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

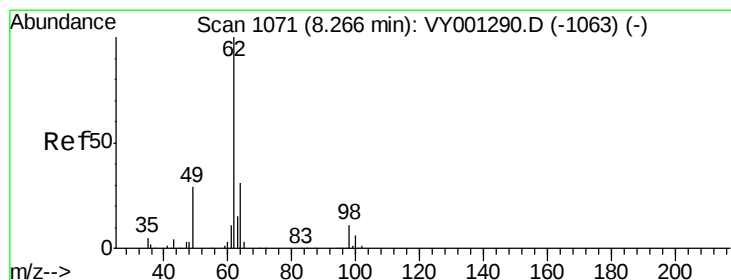
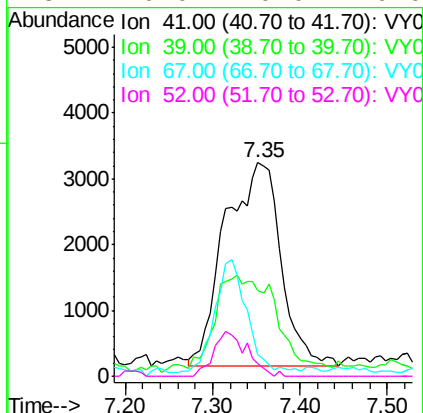
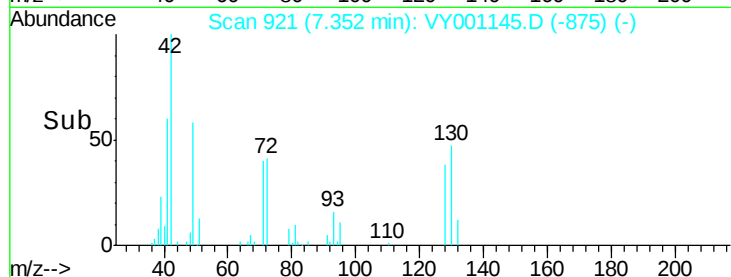
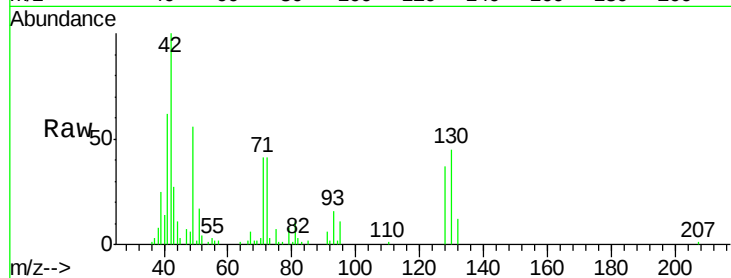




#41
Methacrylonitrile
Concen: 14.326 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

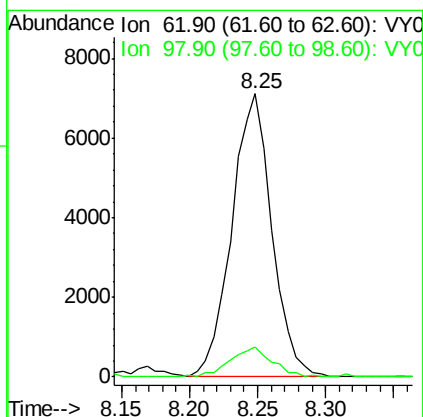
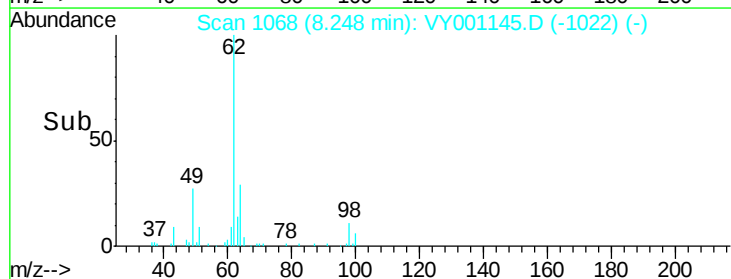
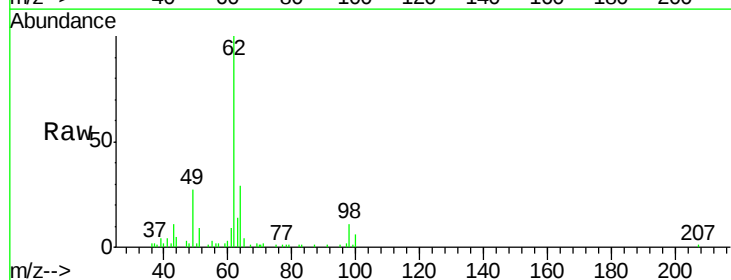
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

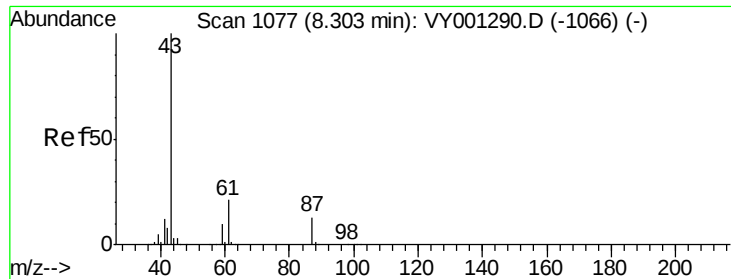
Tot Ion: 41 Resp: 13690
Ion Ratio Lower Upper
41 100
39 0.0 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.145 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 62 Resp: 14577
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 5.182 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

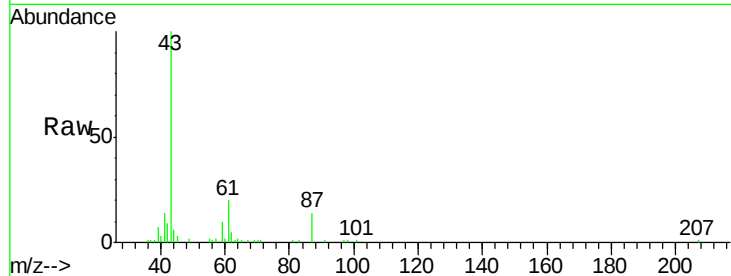
Tot Ion: 43 Resp: 20160

Ion Ratio Lower Upper

43 100

61 28.7 23.9 35.9

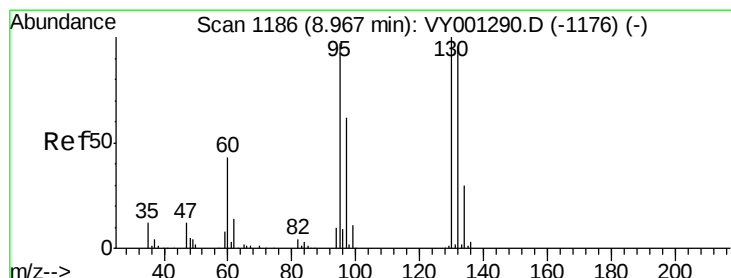
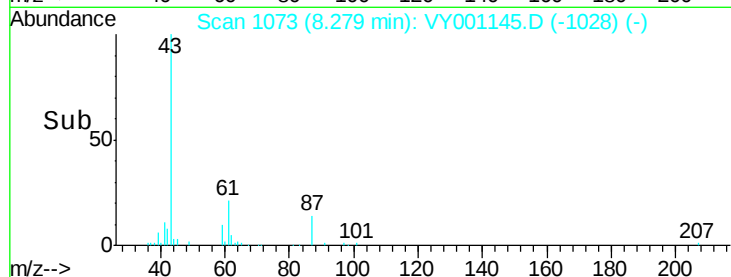
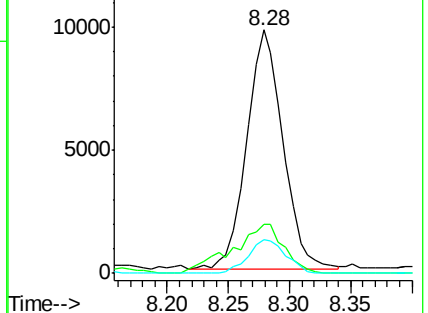
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY001145.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY001145.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY001145.D (-1073) (-)



#44

Trichloroethene

Concen: 5.090 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VY001145.D

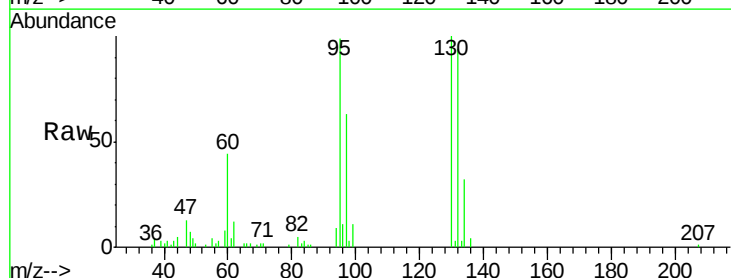
Acq: 10 Jan 2020 13:57

Tgt Ion: 130 Resp: 13421

Ion Ratio Lower Upper

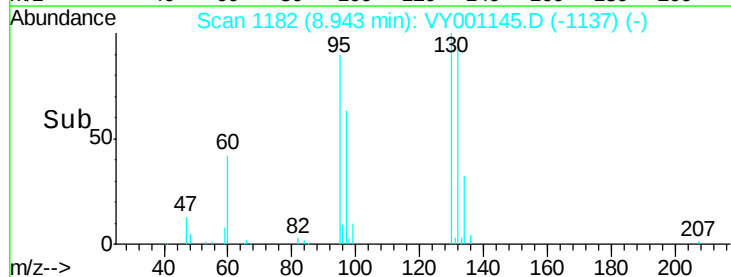
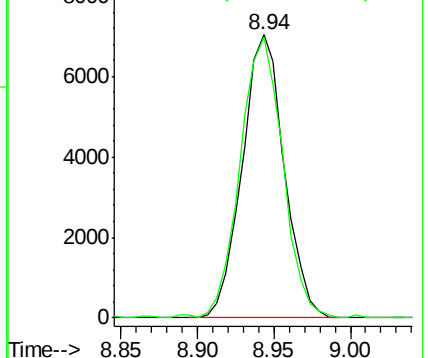
130 100

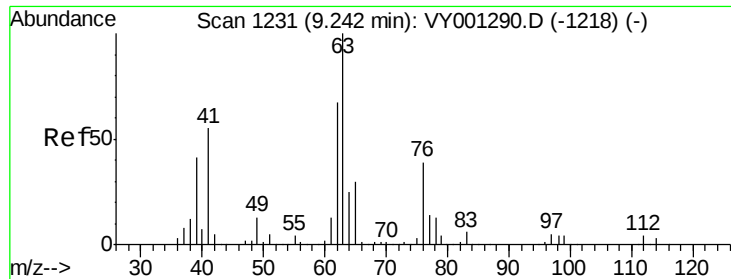
95 99.1 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001145.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY001145.D (-1182) (-)





#45

1,2-Dichloropropane

Concen: 5.053 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

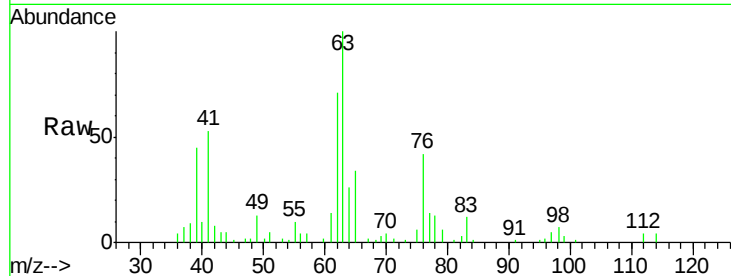
VSTDIC005

Tot Ion: 63 Resp: 12639

Ion Ratio Lower Upper

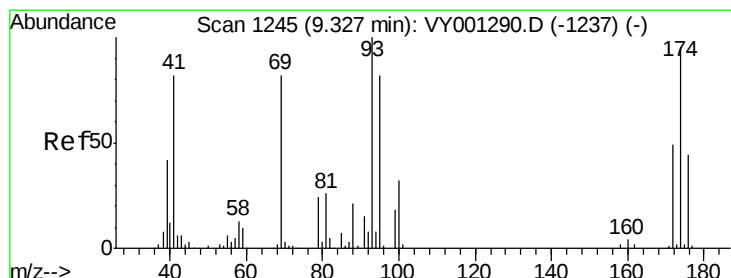
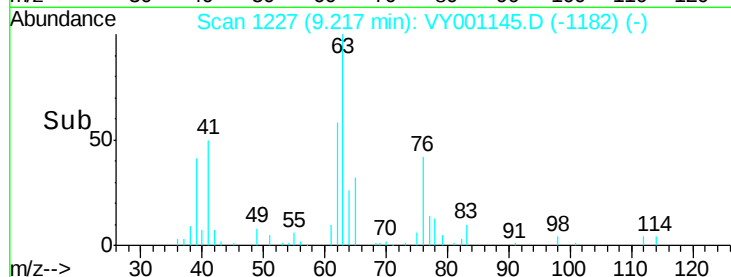
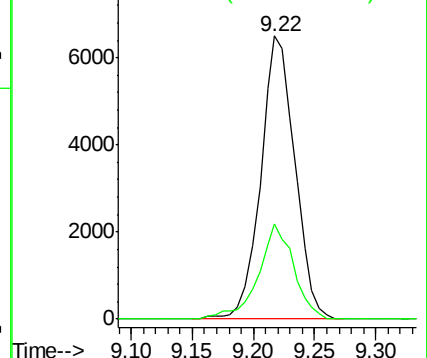
63 100

65 33.6 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 5.254 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

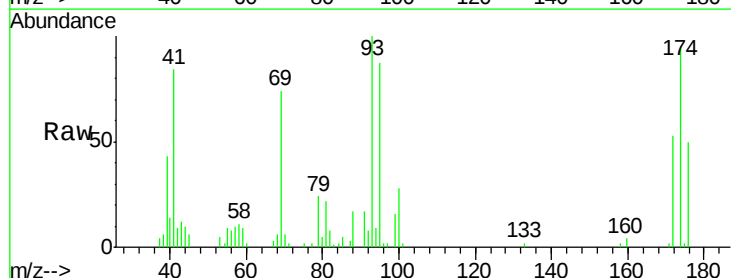
Tgt Ion: 93 Resp: 7171

Ion Ratio Lower Upper

93 100

95 84.3 66.8 100.2

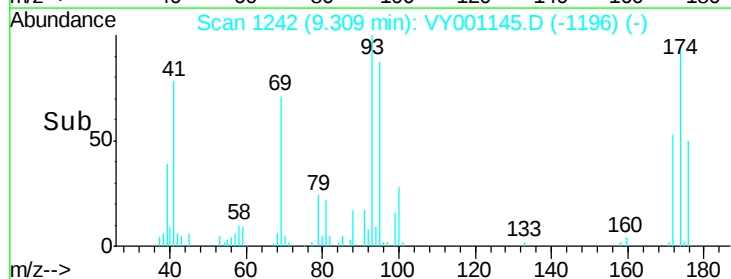
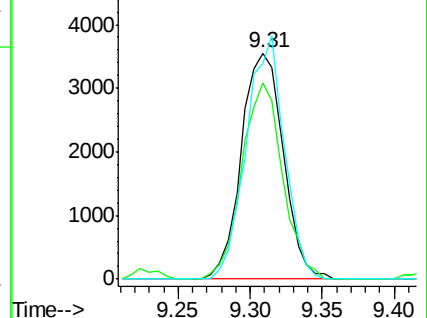
174 97.0 78.4 117.6

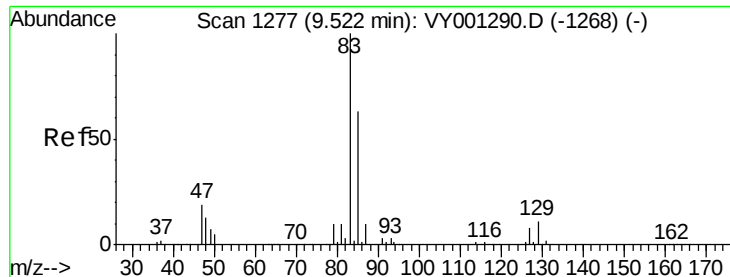


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

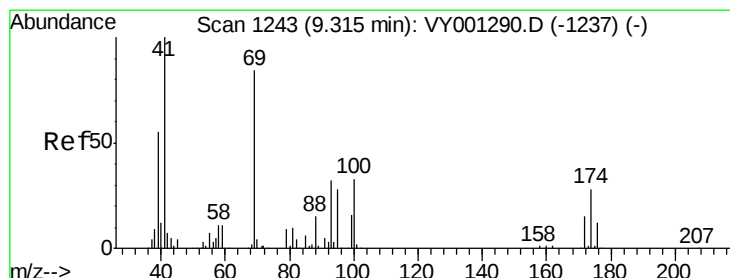
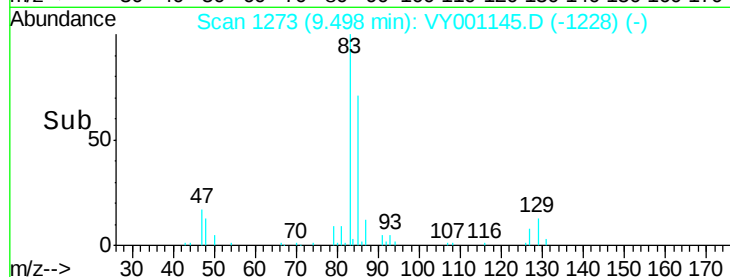
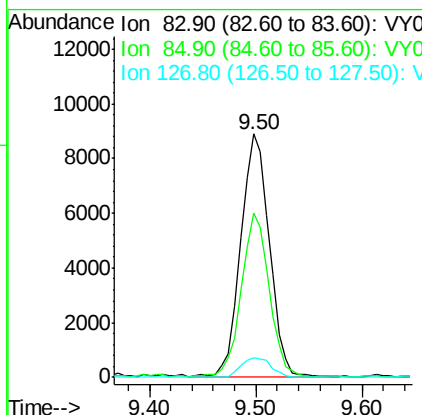
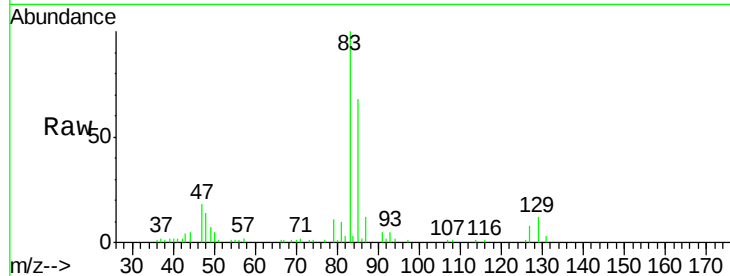




#47
Bromodichloromethane
Concen: 5.101 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

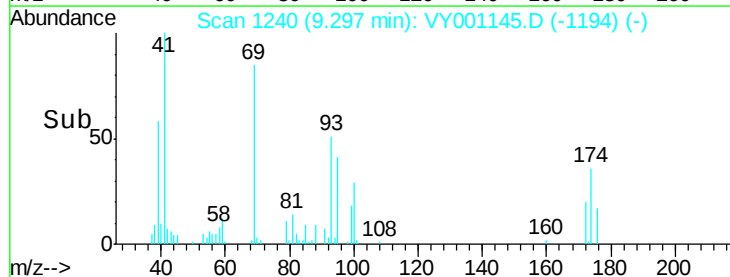
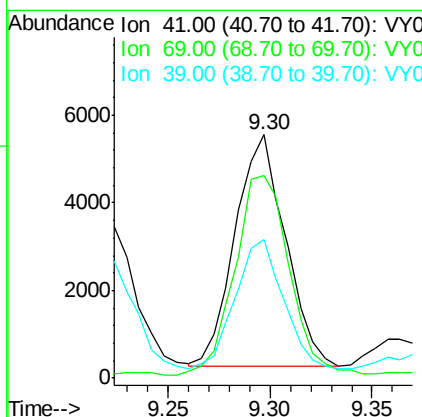
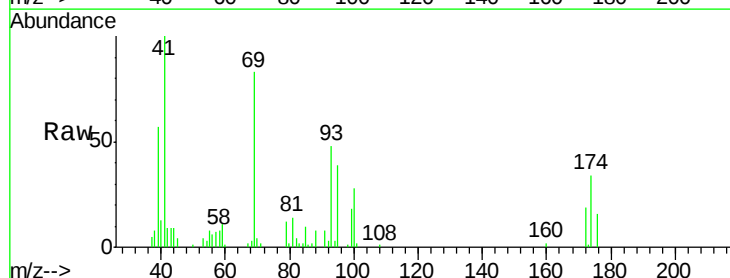
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

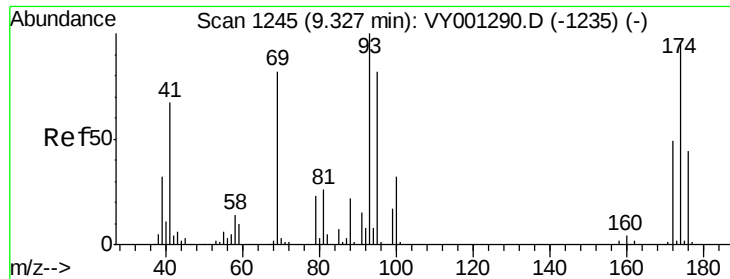
Tot Ion	83	Resp	16967
Ion Ratio	Lower	Upper	
83	100		
85	67.7	51.5	77.3
127	8.0	6.3	9.5



#48
Methyl methacrylate
Concen: 5.065 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion	41	Resp	9118
Ion Ratio	Lower	Upper	
41	100		
69	92.4	69.8	104.8
39	58.0	45.2	67.8





#49

1,4-Dioxane

Concen: 92.530 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

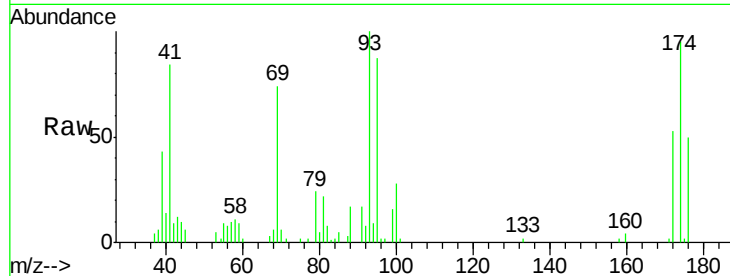
Tot Ion: 88 Resp: 1538

Ion Ratio Lower Upper

88 100

43 44.6 22.4 33.6#

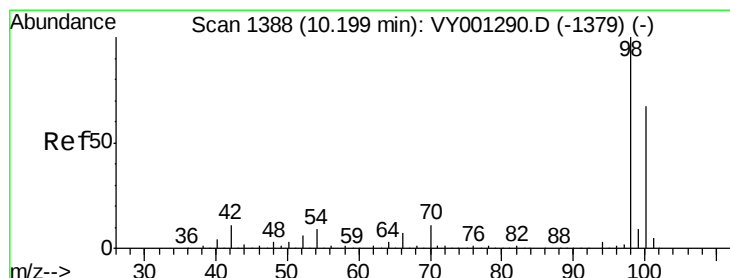
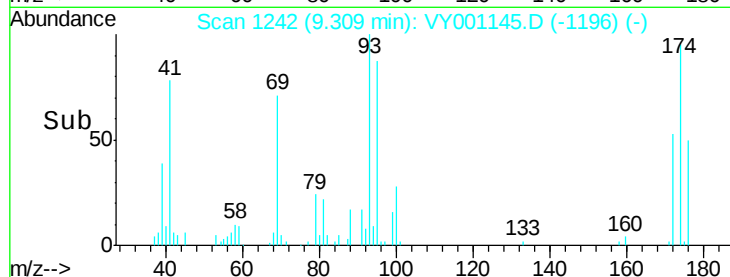
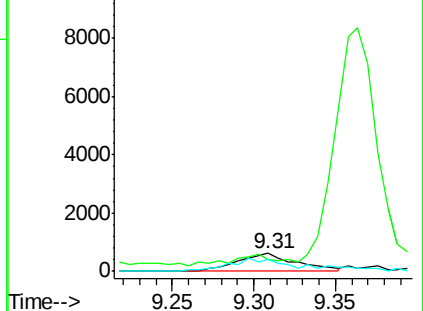
58 72.5 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 5.444 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VY001145.D

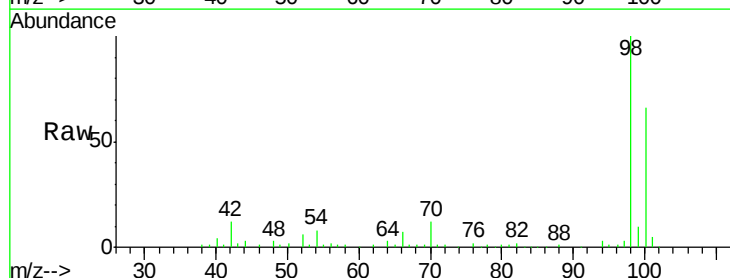
Acq: 10 Jan 2020 13:57

Tgt Ion: 98 Resp: 46712

Ion Ratio Lower Upper

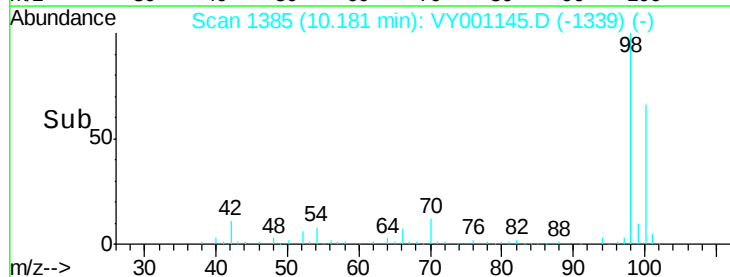
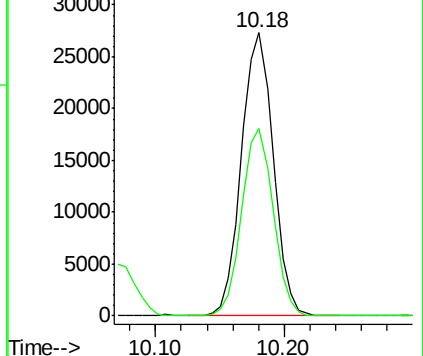
98 100

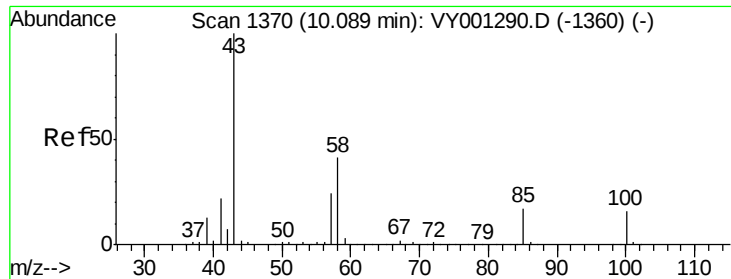
100 65.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 25.312 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

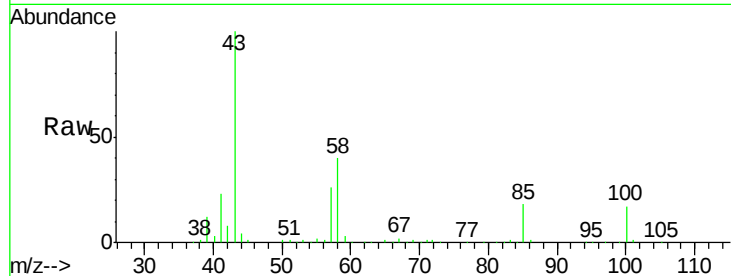
VSTDIC005

Tot Ion: 43 Resp: 49961

Ion Ratio Lower Upper

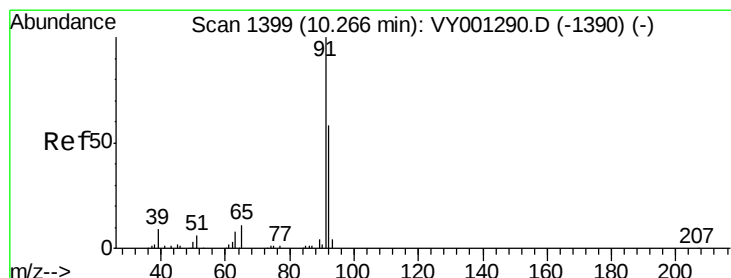
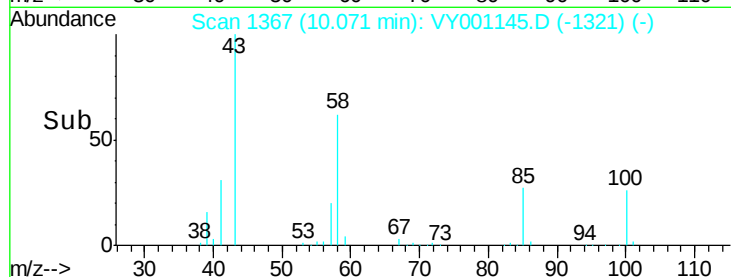
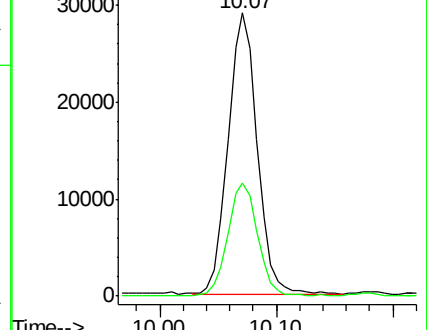
43 100

58 41.6 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-1360) (-)



#52

Toluene

Concen: 5.133 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.02 min

Lab File: VY001145.D

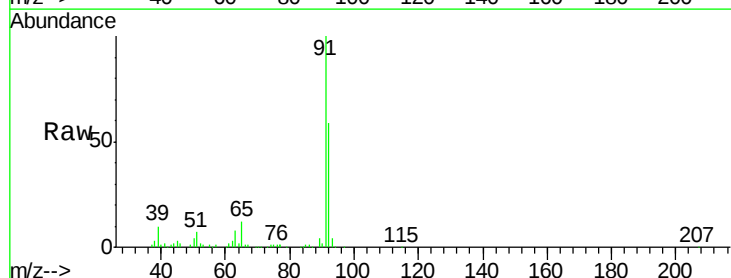
Acq: 10 Jan 2020 13:57

Tgt Ion: 92 Resp: 33128

Ion Ratio Lower Upper

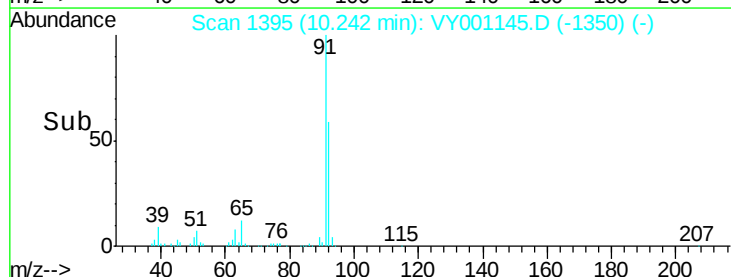
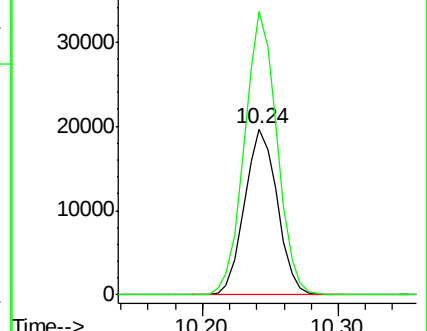
92 100

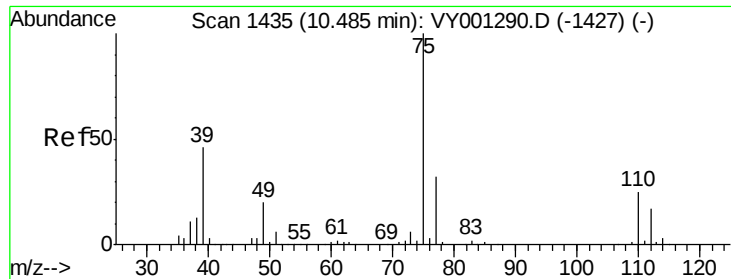
91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001290.D (-1390) (-)

Ion 91.00 (90.70 to 91.70): VY001290.D (-1390) (-)





#53

t-1,3-Dichloropropene

Concen: 5.096 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

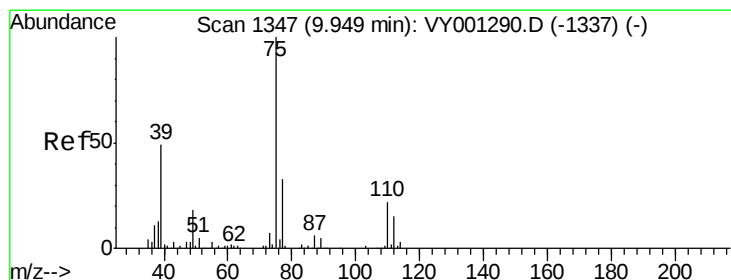
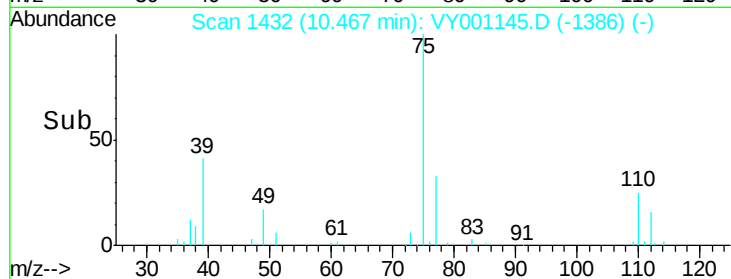
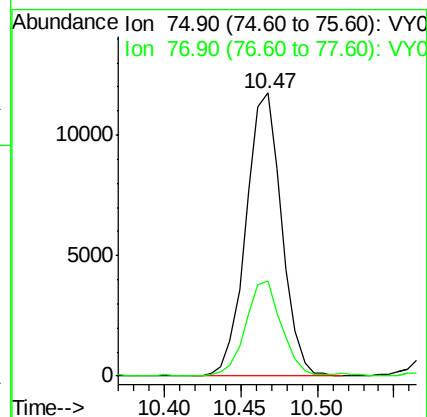
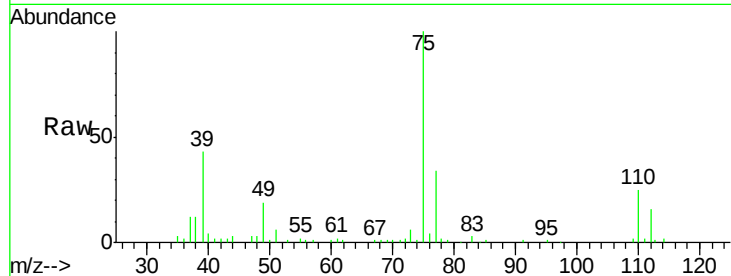
VSTDIC005

Tot Ion: 75 Resp: 18969

Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 5.133 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

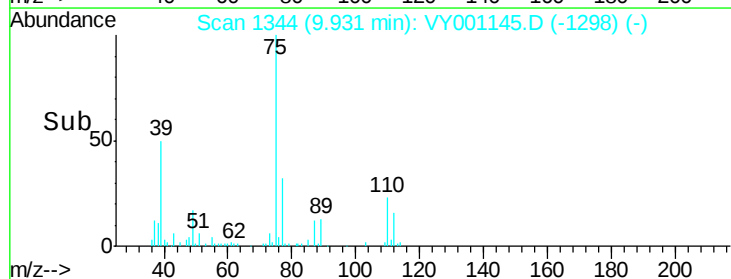
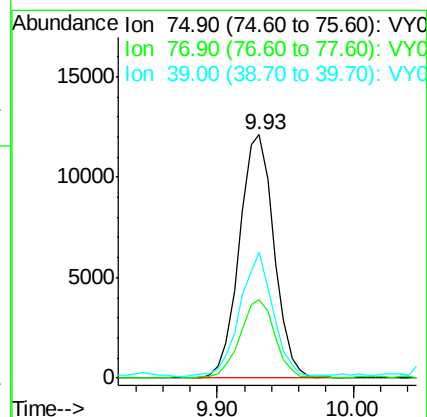
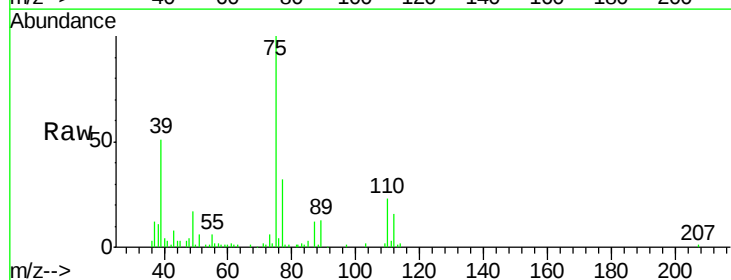
Tgt Ion: 75 Resp: 21539

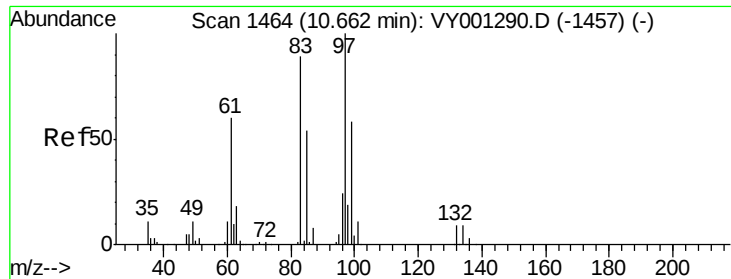
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 50.3 39.1 58.7

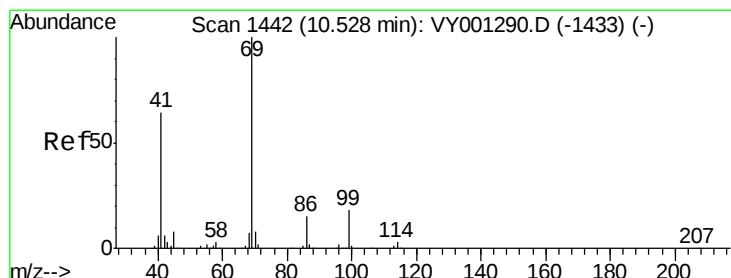
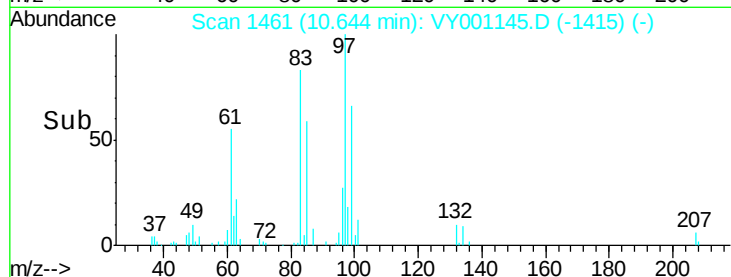
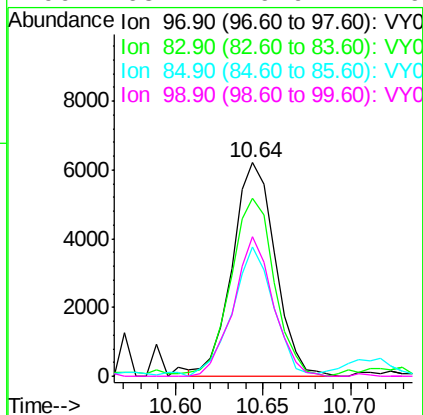
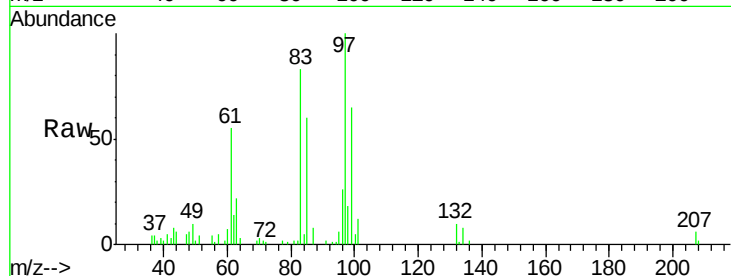




#55
 1,1,2-Trichloroethane
 Concen: 5.239 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

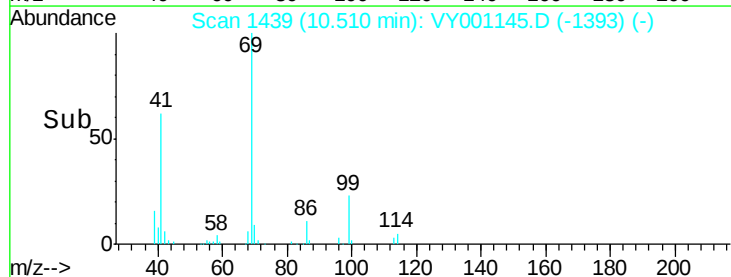
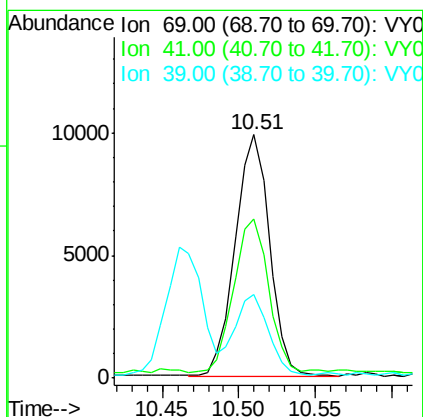
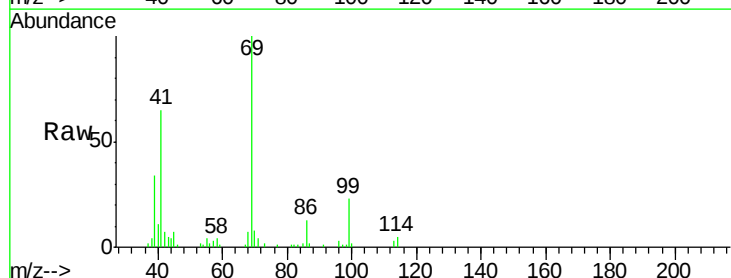
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

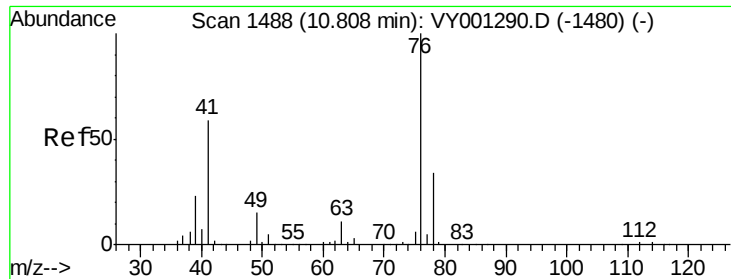
Tot Ion:	97	Resp:	10600
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.2	100.8
85	60.4	44.9	67.3
99	65.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 4.973 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion:	69	Resp:	15393
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.4	77.2
39	32.5	26.3	39.5

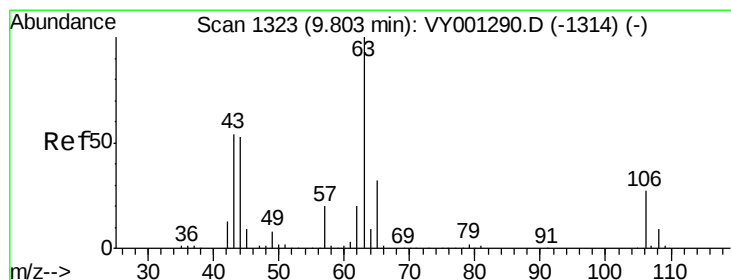
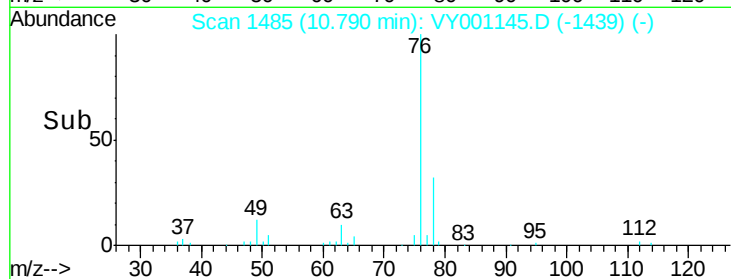
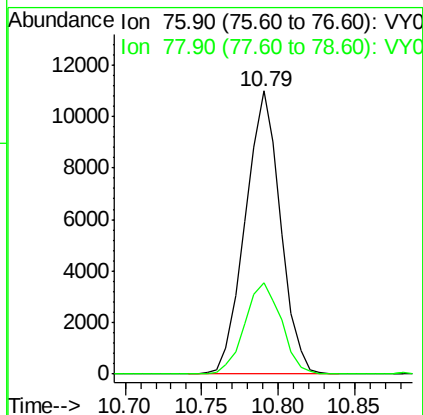
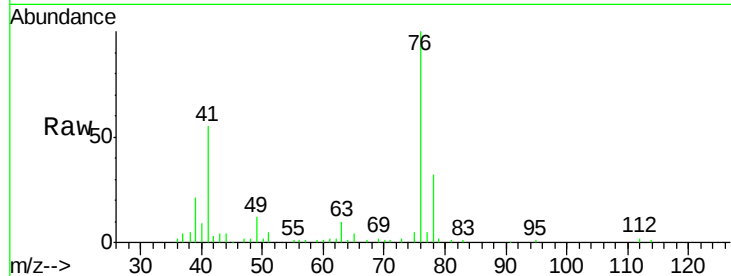




#57
 1,3-Dichloropropane
 Concen: 5.058 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

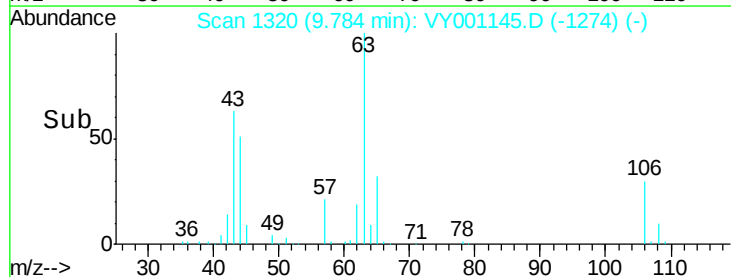
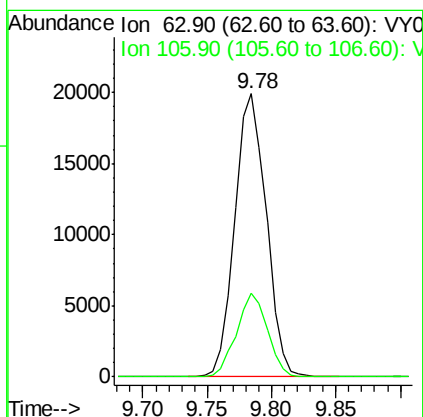
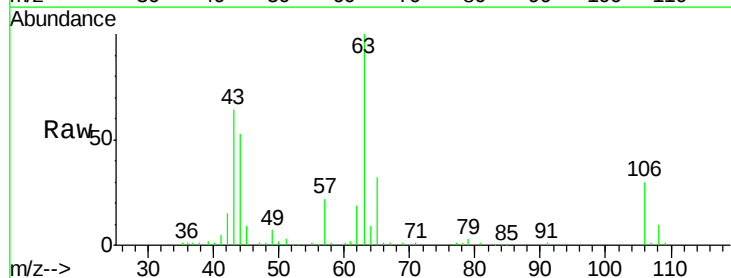
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

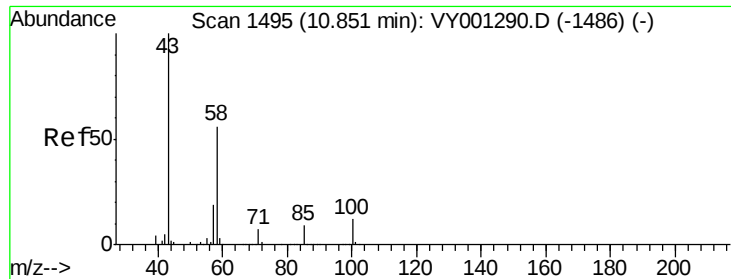
Tot Ion: 76 Resp: 17571
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 31.061 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion: 63 Resp: 33813
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.0 34.6

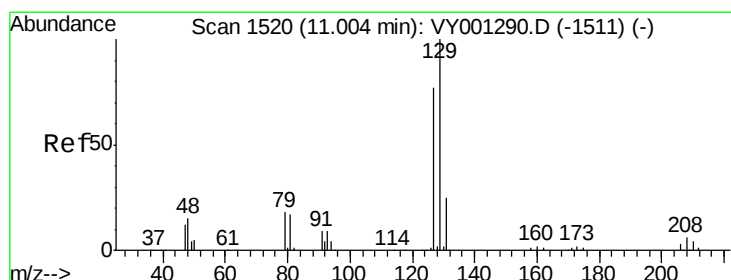
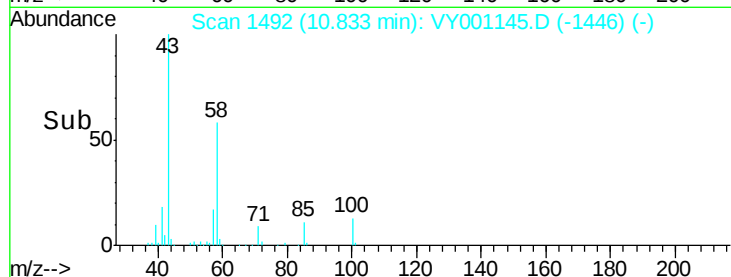
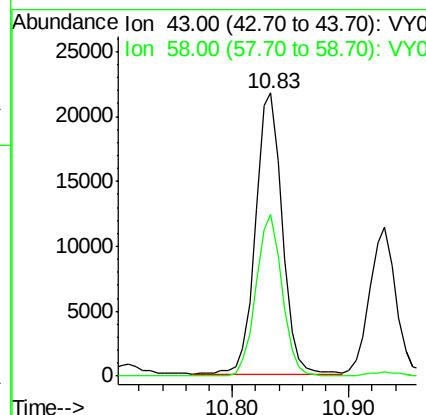
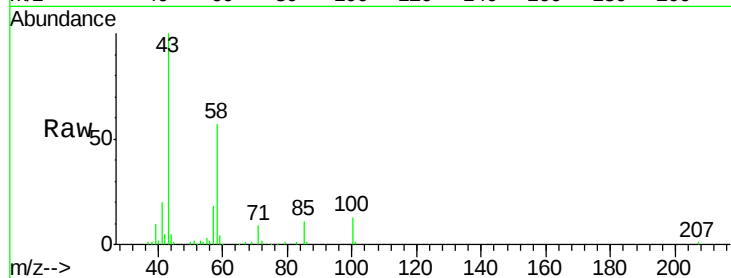




#59
2-Hexanone
Concen: 25.225 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

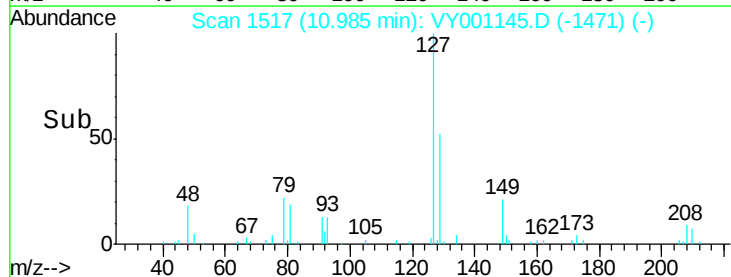
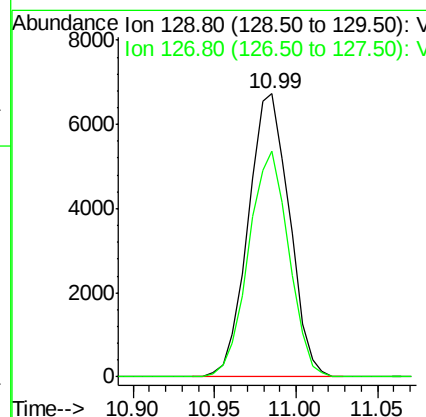
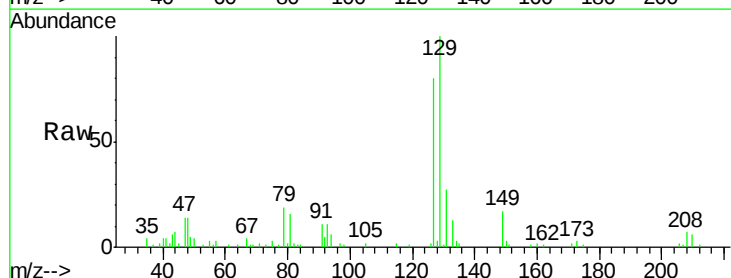
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

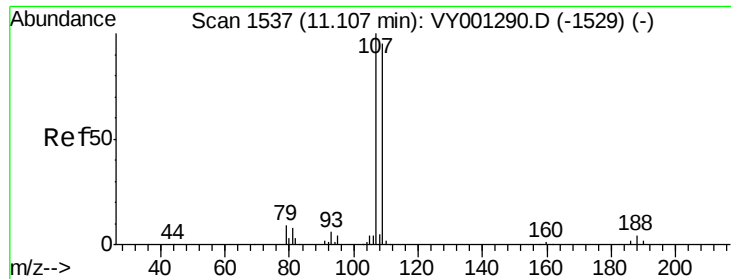
Tot Ion: 43 Resp: 34895
Ion Ratio Lower Upper
43 100
58 56.0 28.4 85.2



#60
Dibromochloromethane
Concen: 5.072 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 129 Resp: 11816
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

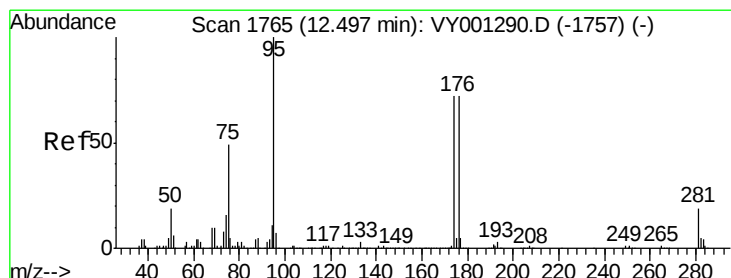
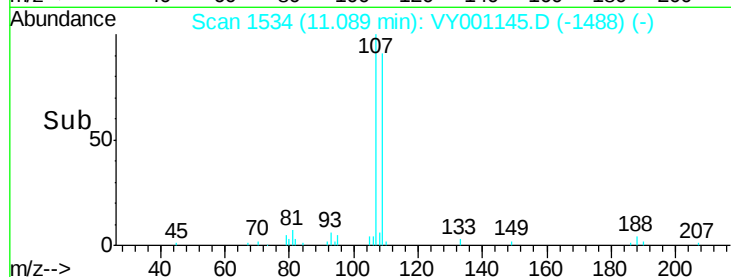
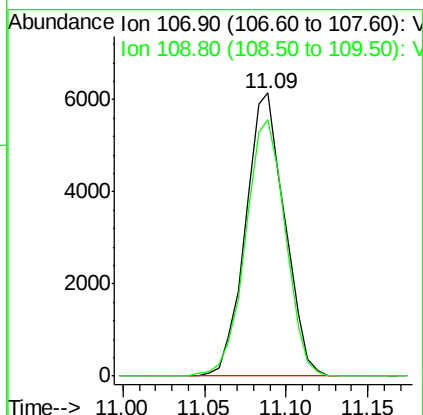
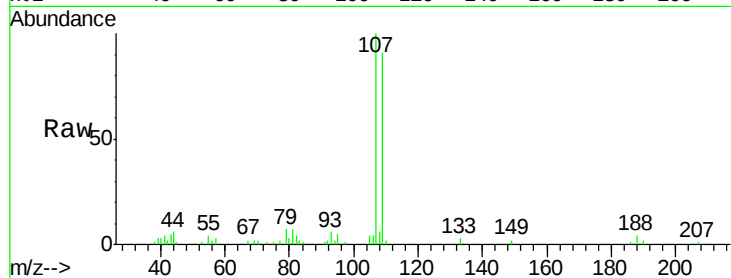




#61
1,2-Dibromoethane
Concen: 5.197 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

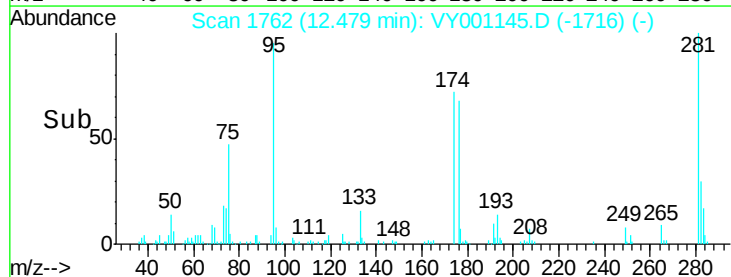
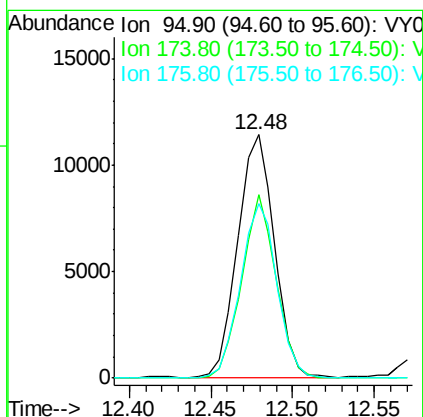
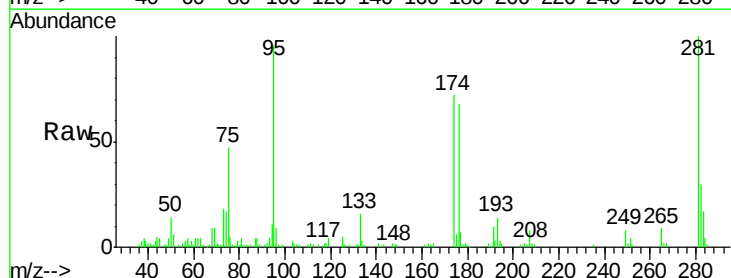
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

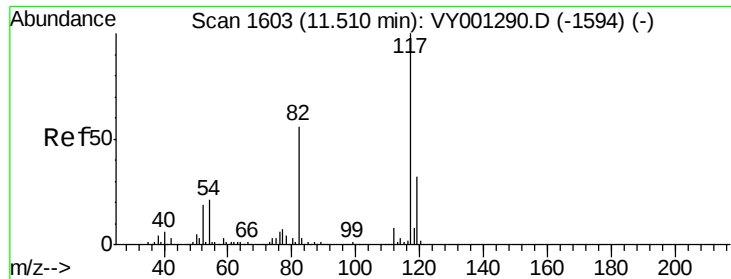
Tot Ion:107 Resp: 10268
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 5.136 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 95 Resp: 18017
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.2
176 70.9 0.0 136.0

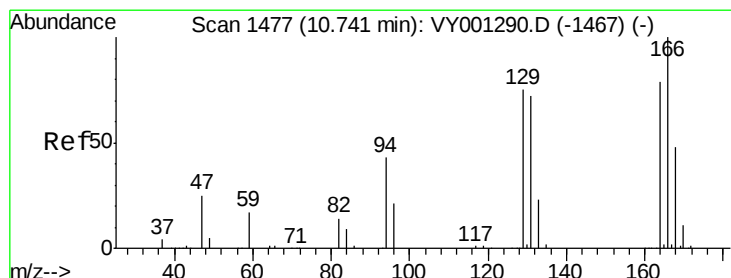
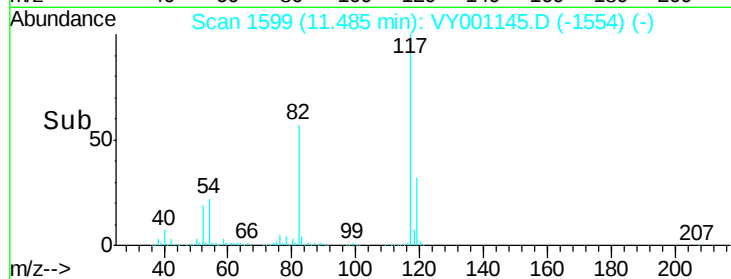
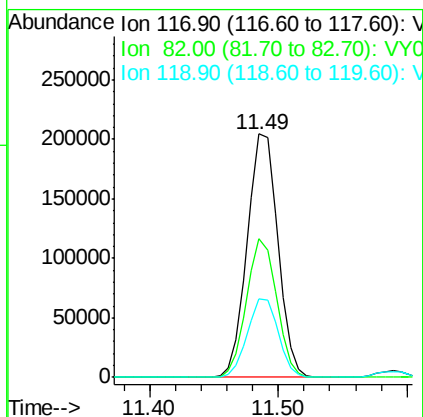
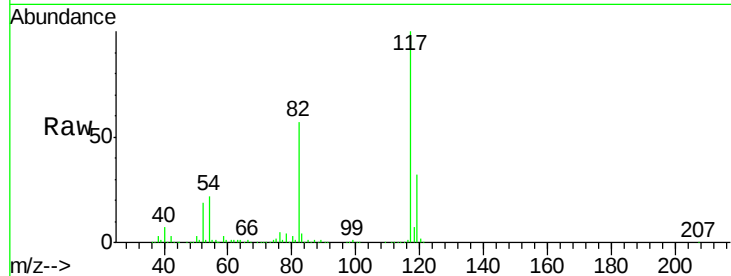




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

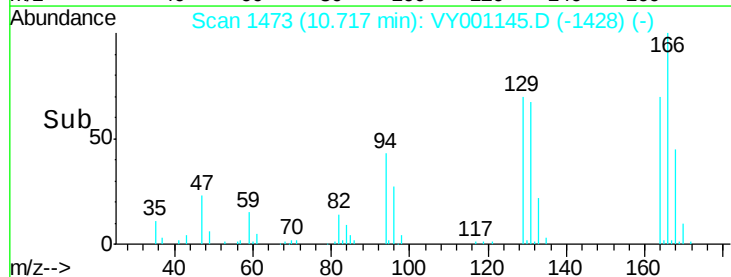
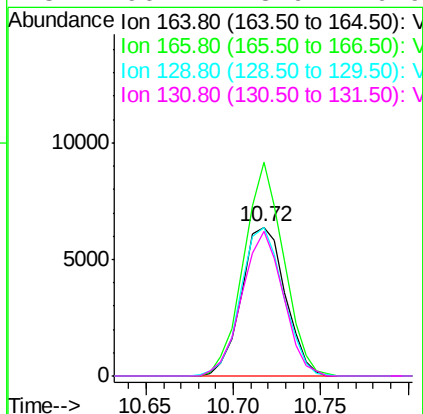
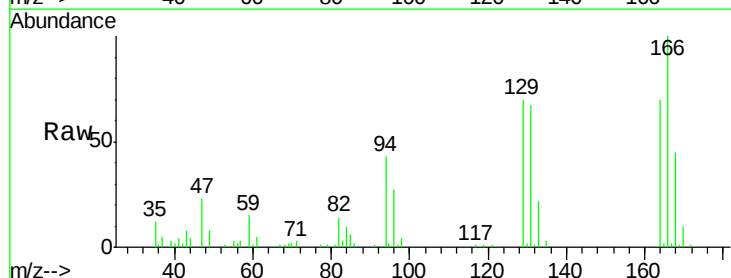
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

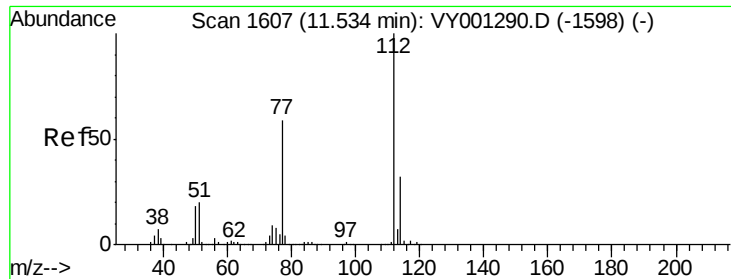
Tot Ion:117 Resp: 336189
Ion Ratio Lower Upper
117 100
82 57.1 44.9 67.3
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 5.115 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion:164 Resp: 11086
Ion Ratio Lower Upper
164 100
166 143.3 102.3 153.5
129 100.0 76.2 114.4
131 96.7 73.9 110.9

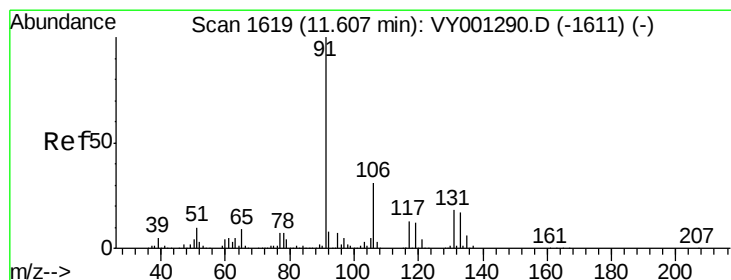
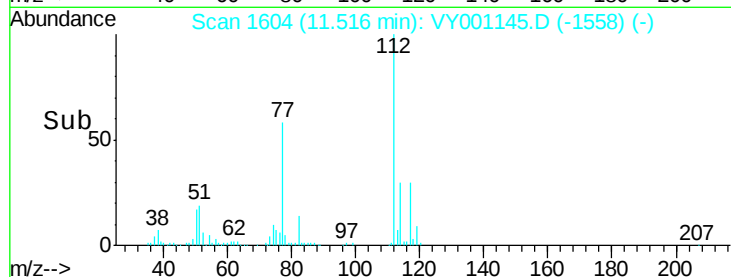
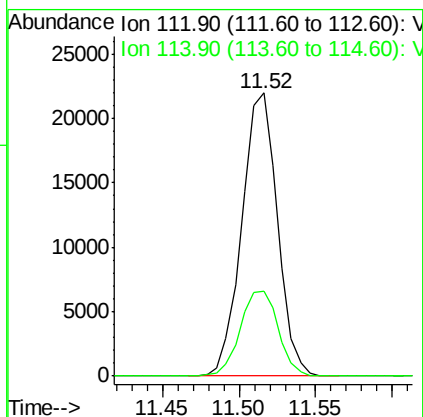
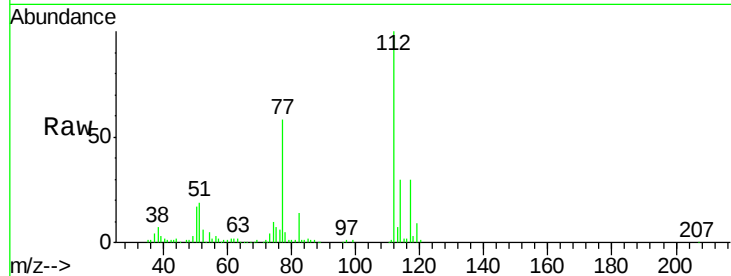




#65
Chlorobenzene
Concen: 5.287 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

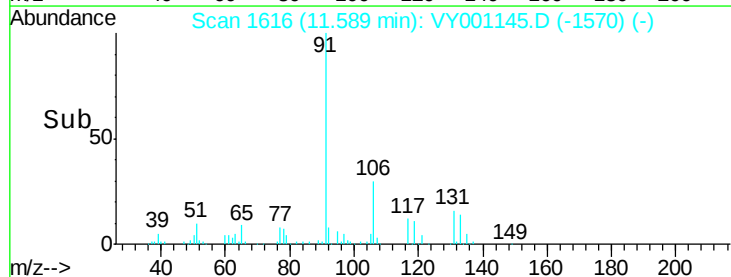
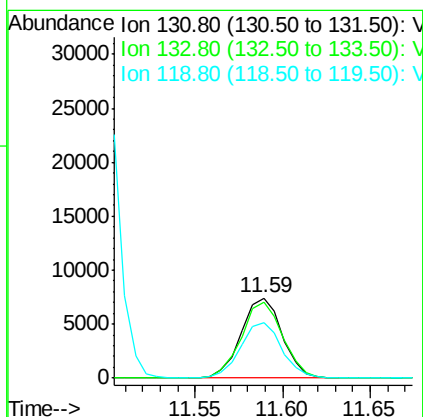
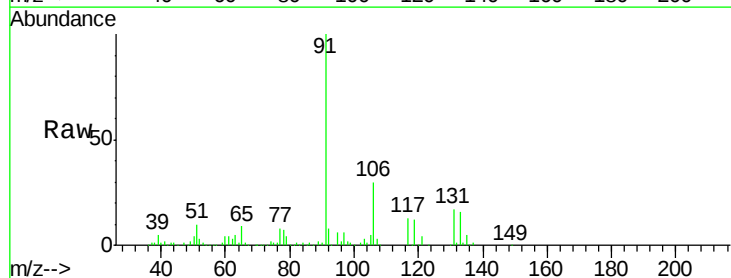
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

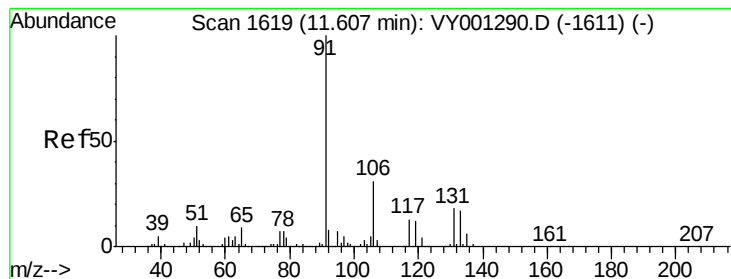
Tot Ion:112 Resp: 35516
Ion Ratio Lower Upper
112 100
114 29.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.212 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion:131 Resp: 12066
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 70.4 33.6 100.8





#67

Ethyl Benzene

Concen: 5.215 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

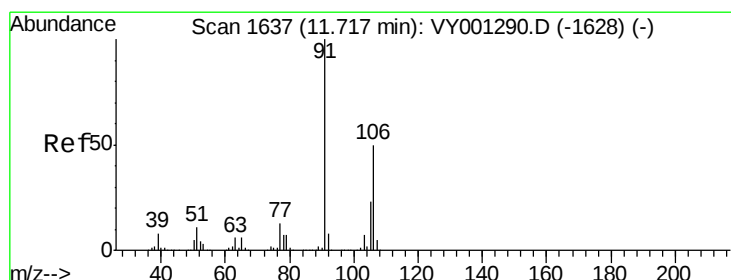
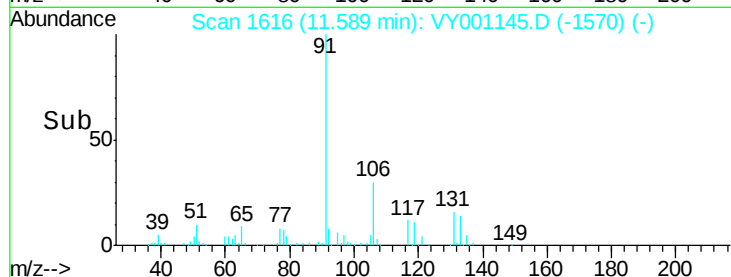
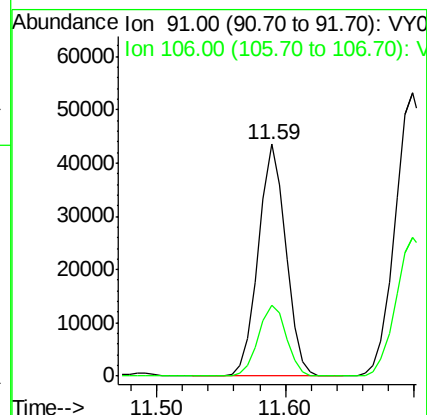
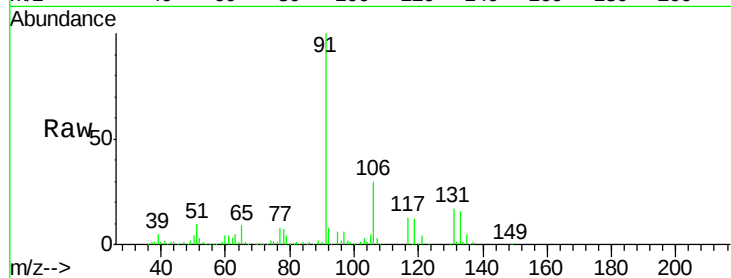
VSTDIC005

Tot Ion: 91 Resp: 64080

Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9



#68

m/p-Xylenes

Concen: 10.372 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.02 min

Lab File: VY001145.D

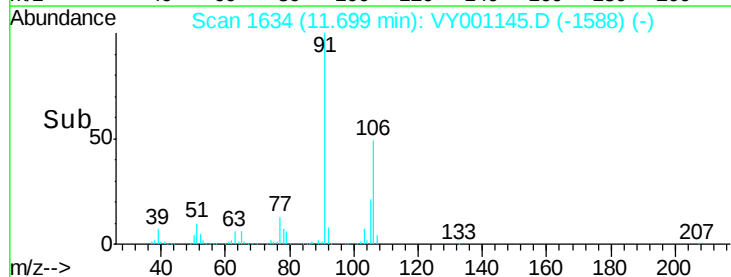
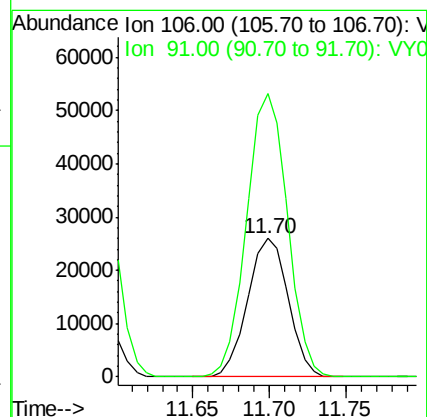
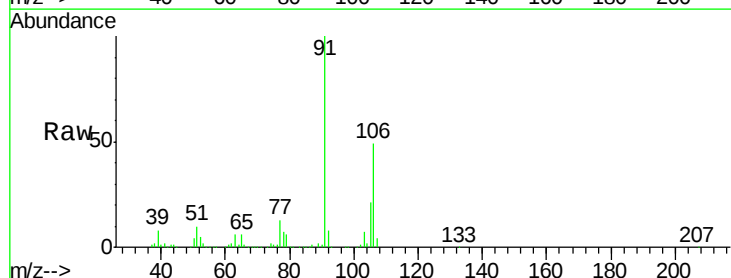
Acq: 10 Jan 2020 13:57

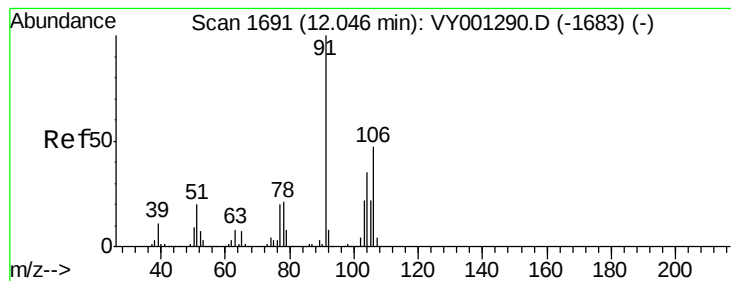
Tgt Ion: 106 Resp: 48080

Ion Ratio Lower Upper

106 100

91 205.1 161.4 242.2





#69

o-Xylene

Concen: 5.262 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

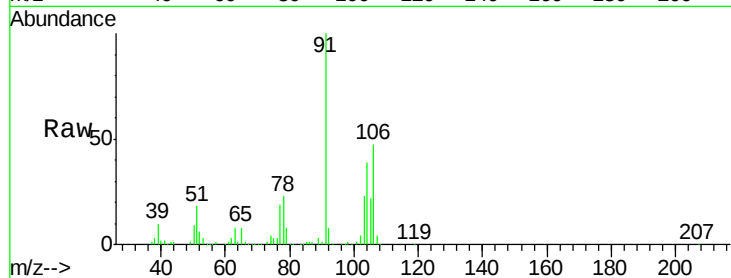
VSTDIC005

Tot Ion:106 Resp: 23387

Ion Ratio Lower Upper

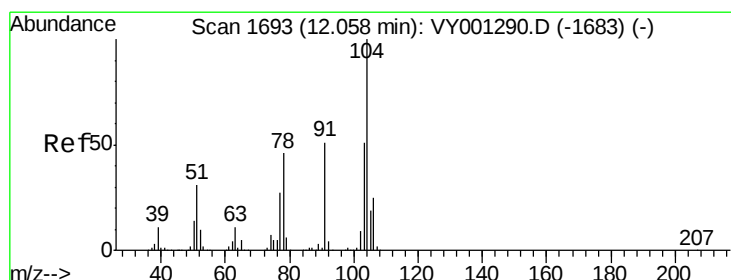
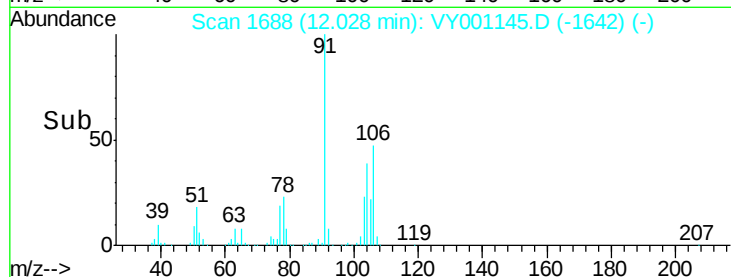
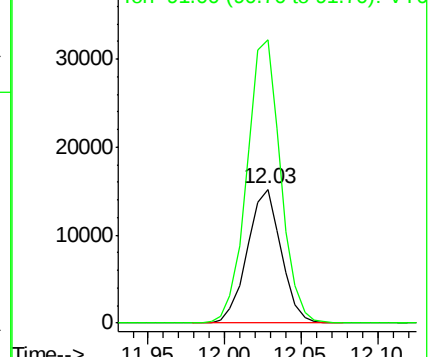
106 100

91 210.3 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#70

Styrene

Concen: 5.125 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

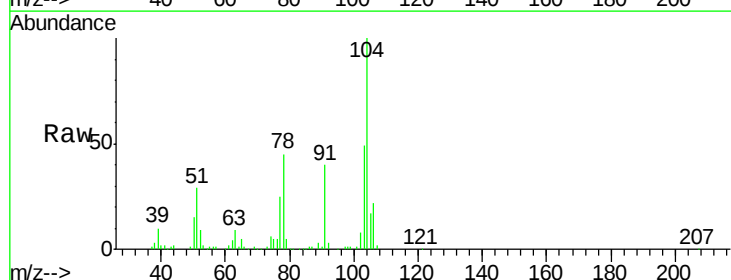
Tgt Ion:104 Resp: 39970

Ion Ratio Lower Upper

104 100

78 51.1 40.5 60.7

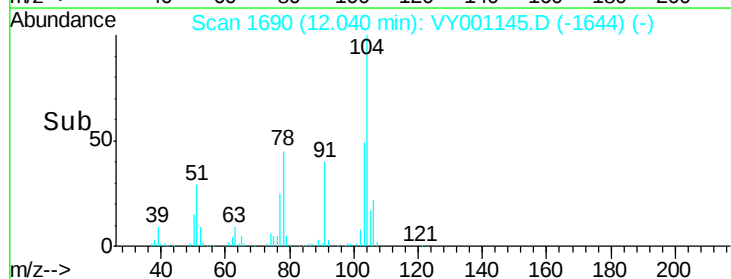
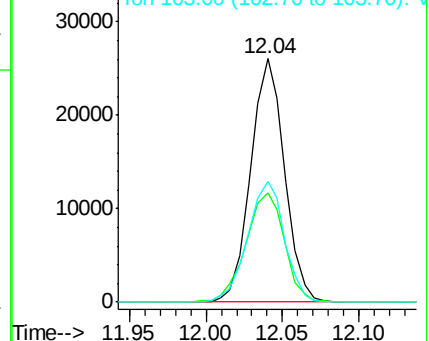
103 54.0 42.4 63.6

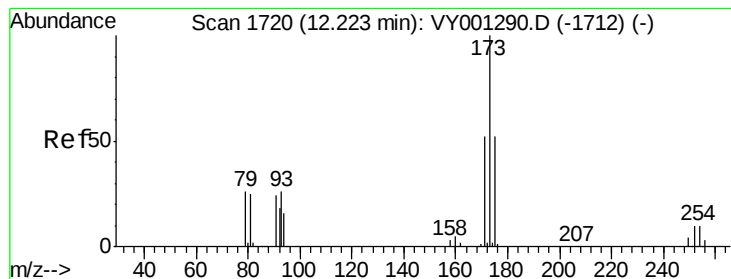


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.996 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

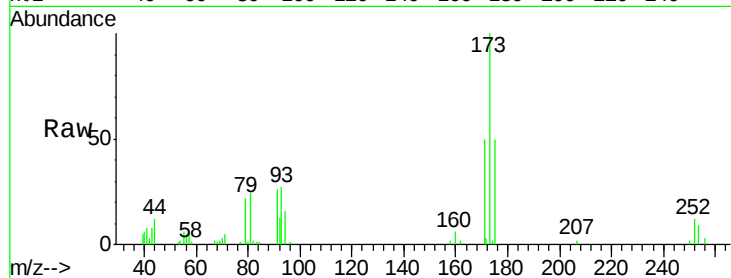
Tot Ion:173 Resp: 7133

Ion Ratio Lower Upper

173 100

175 52.7 24.1 72.2

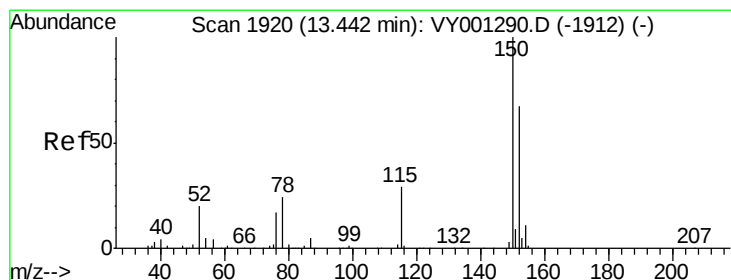
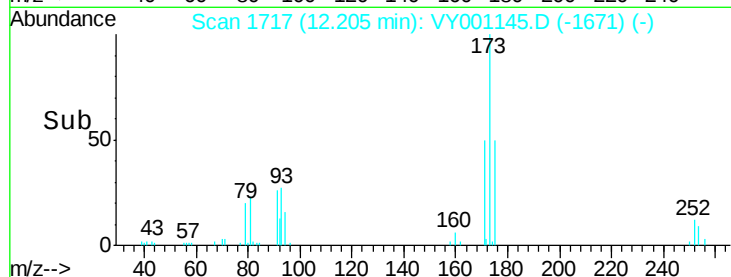
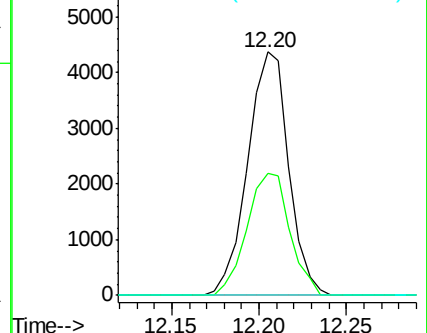
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

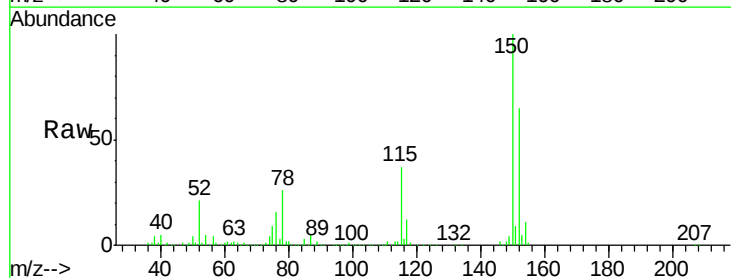
Tgt Ion:152 Resp: 159935

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

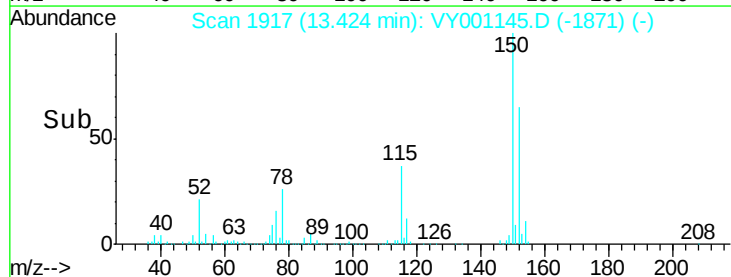
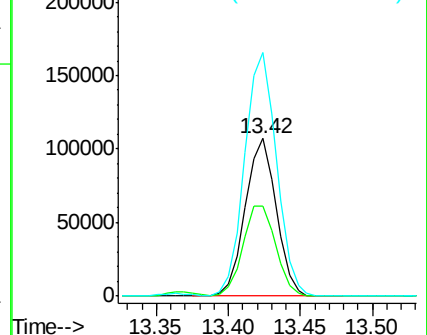
150 159.0 0.0 346.8

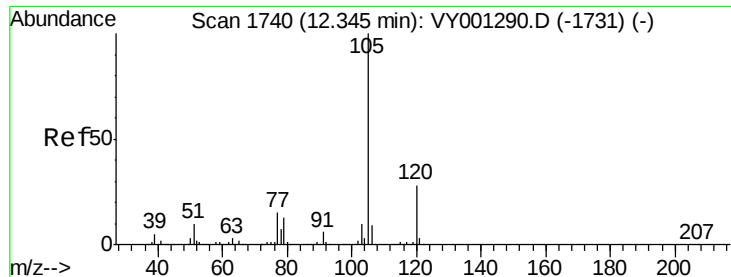


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.091 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

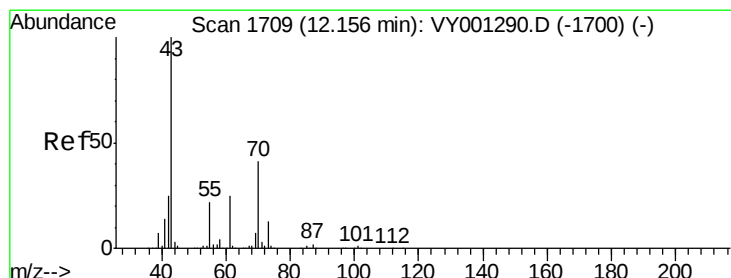
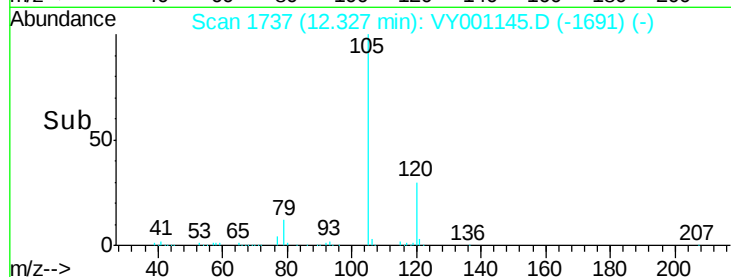
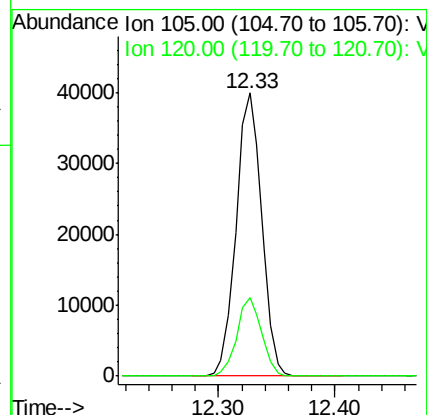
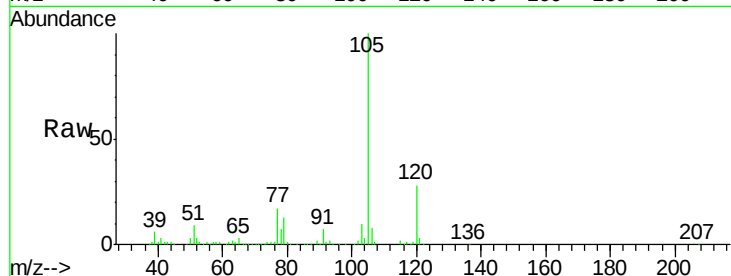
VSTDIC005

Tot Ion:105 Resp: 61210

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 4.951 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Tgt Ion: 43 Resp: 18577

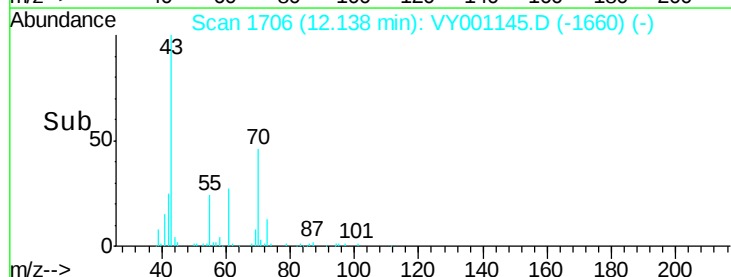
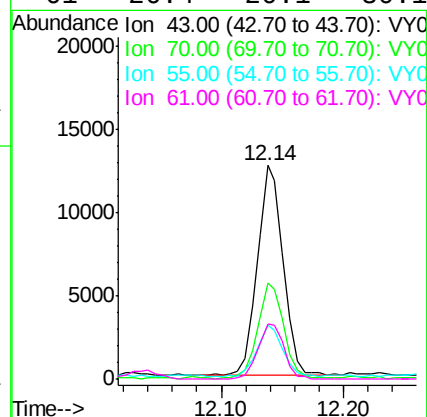
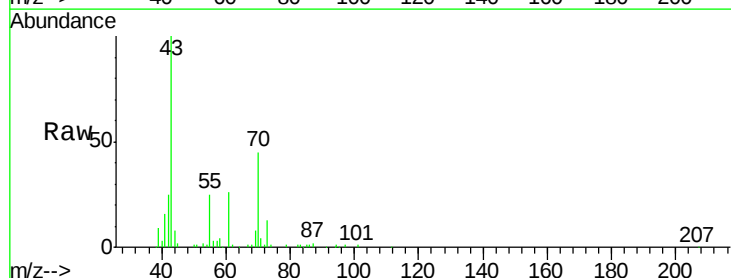
Ion Ratio Lower Upper

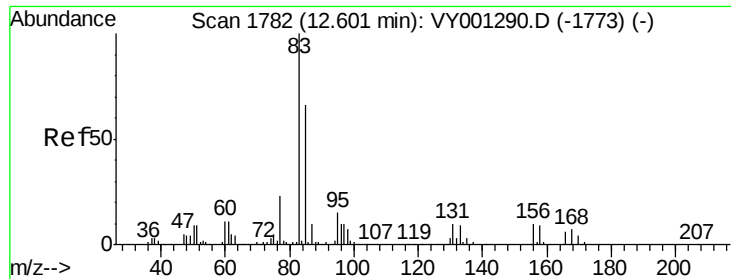
43 100

70 46.6 35.0 52.6

55 23.8 18.4 27.6

61 26.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.102 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

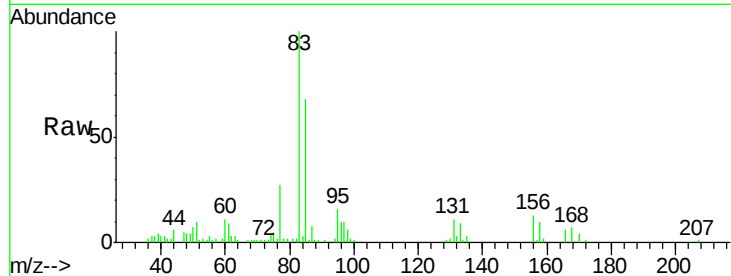
Tot Ion: 83 Resp: 12907

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

85 66.4 32.2 96.6

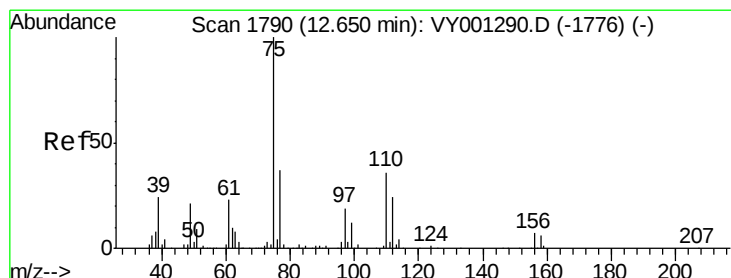
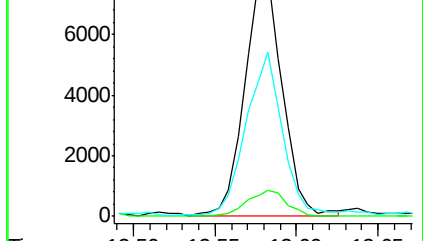
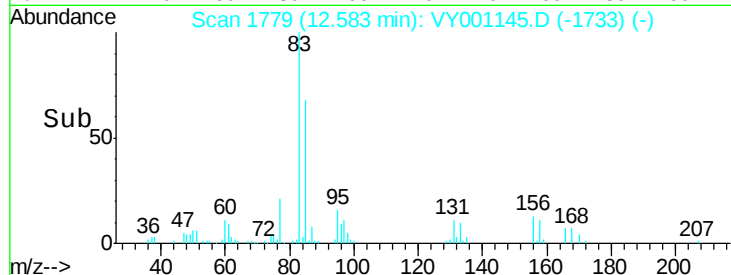


Abundance Ion 82.90 (82.60 to 83.60): VY001290.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001290.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001290.D (-1773) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 9.944 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.02 min

Lab File: VY001145.D

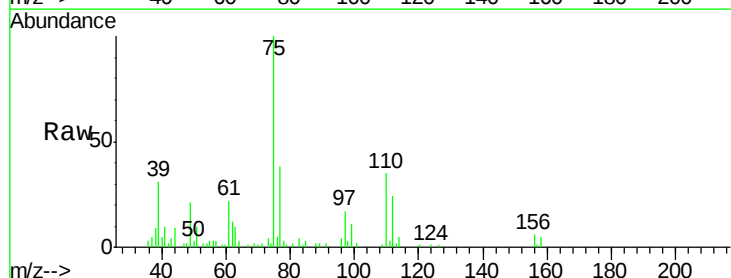
Acq: 10 Jan 2020 13:57

Tgt Ion: 75 Resp: 17026

Ion Ratio Lower Upper

75 100

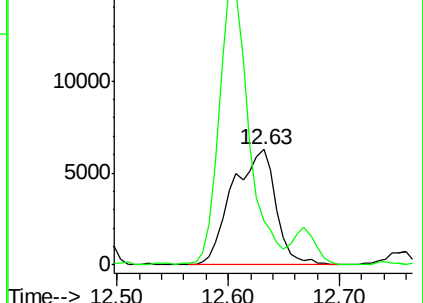
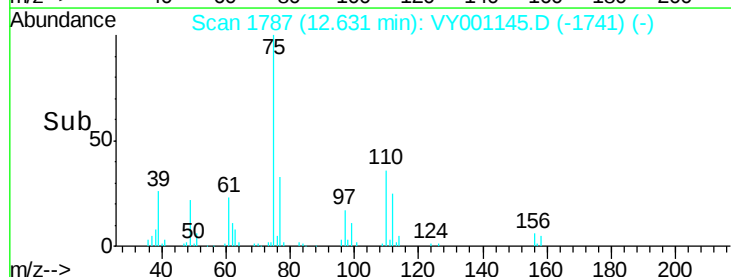
77 0.0 0.0 0.0

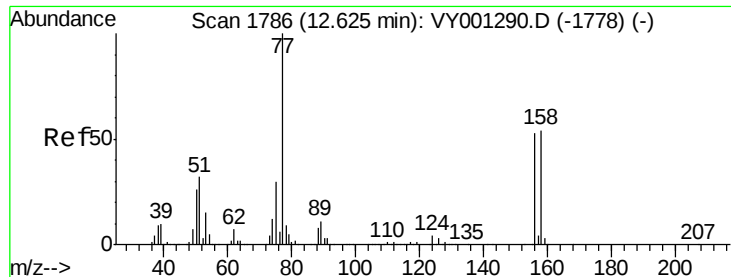


Abundance Ion 74.90 (74.60 to 75.60): VY001290.D (-1776) (-)

Ion 77.00 (76.70 to 77.70): VY001290.D (-1776) (-)

Time-->





#77

Bromobenzene

Concen: 5.182 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

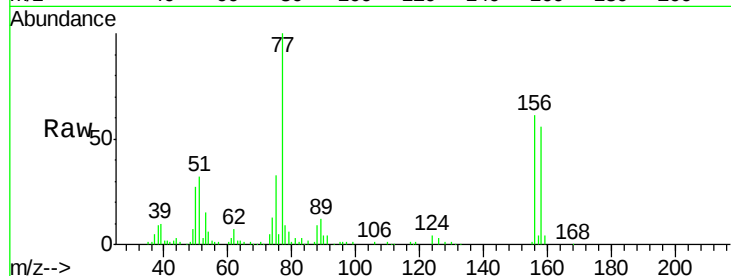
Tot Ion:156 Resp: 13767

Ion Ratio Lower Upper

156 100

77 207.2 106.7 320.1

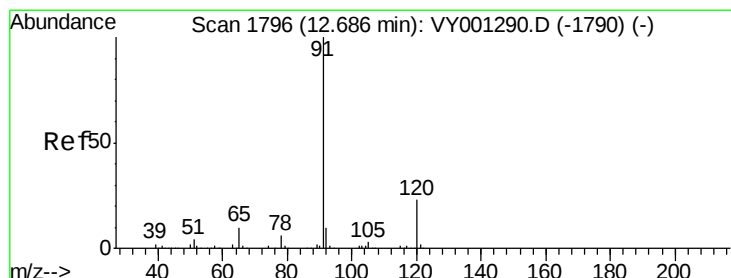
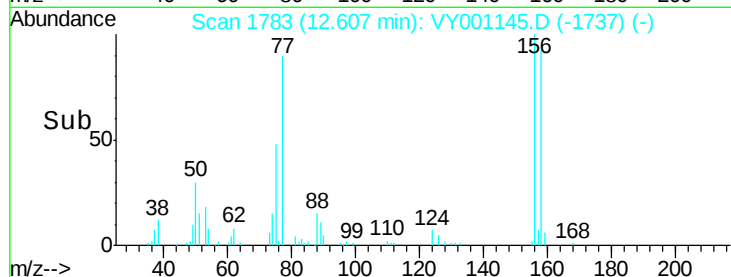
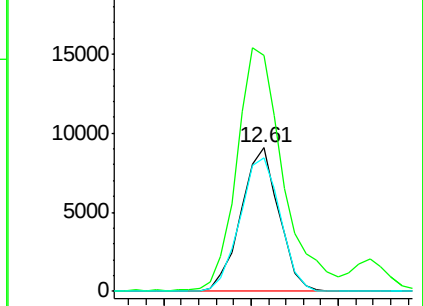
158 98.1 48.3 144.8



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: 5.075 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.02 min

Lab File: VY001145.D

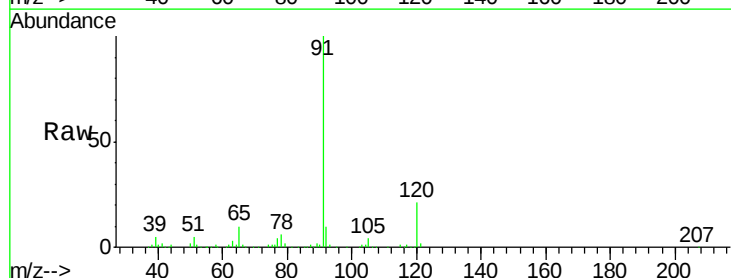
Acq: 10 Jan 2020 13:57

Tgt Ion: 91 Resp: 73403

Ion Ratio Lower Upper

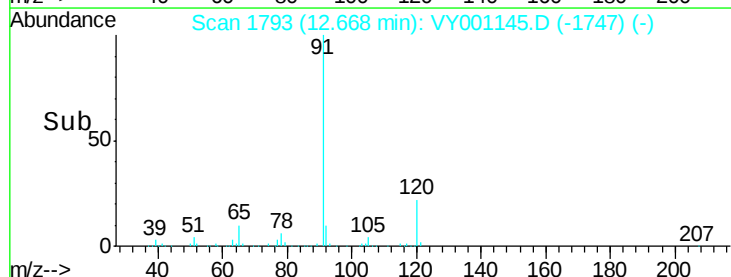
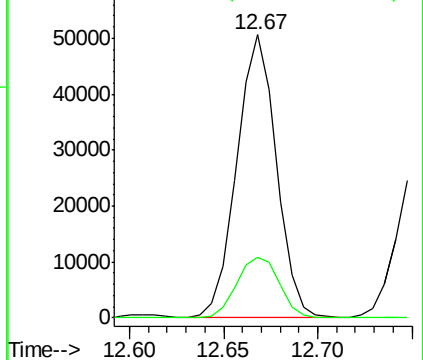
91 100

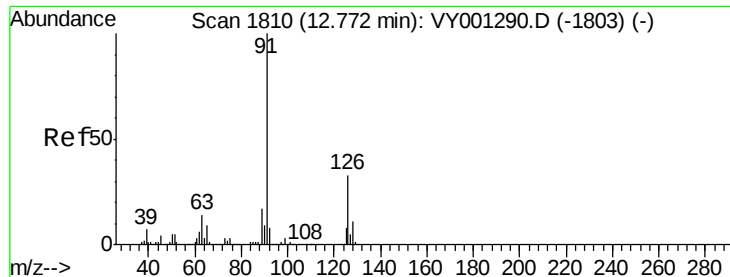
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

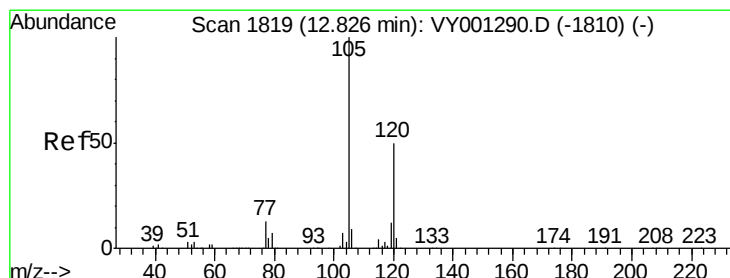
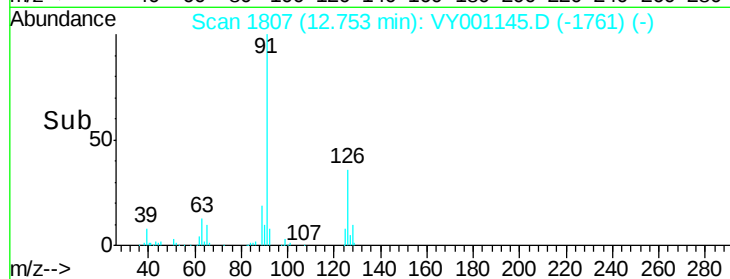
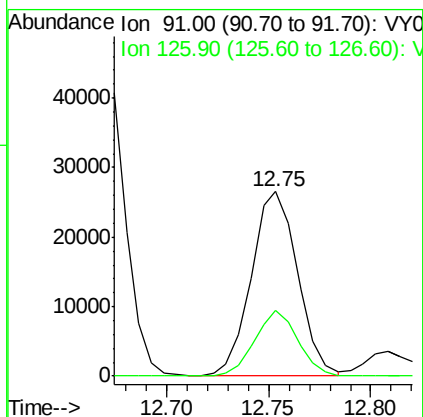
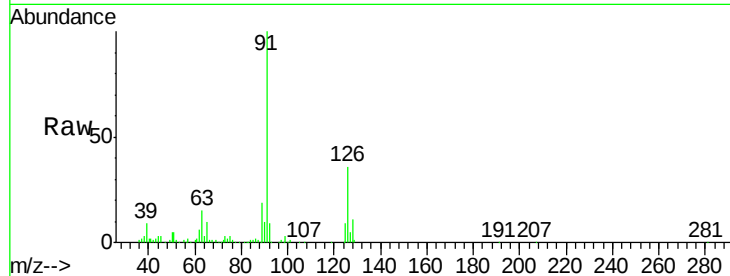




#79
2-Chlorotoluene
Concen: 5.050 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

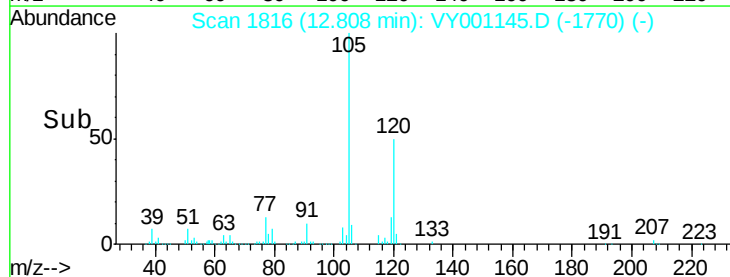
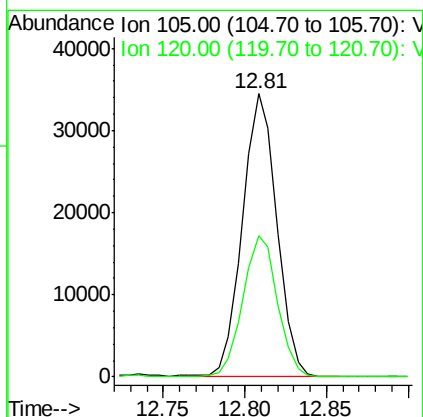
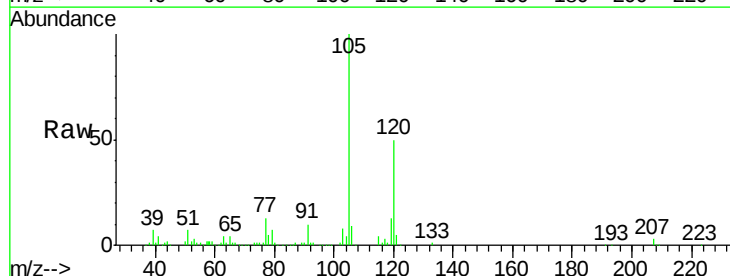
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

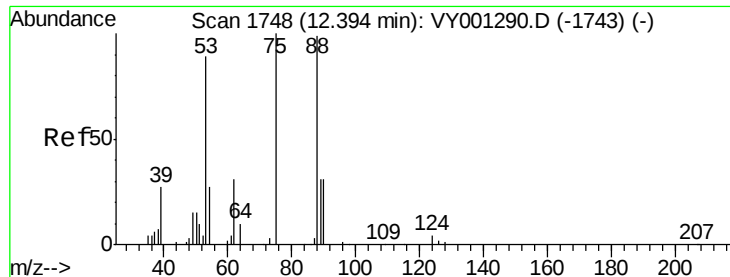
Tot Ion: 91 Resp: 41943
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 5.042 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 105 Resp: 50583
Ion Ratio Lower Upper
105 100
120 50.2 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.862 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

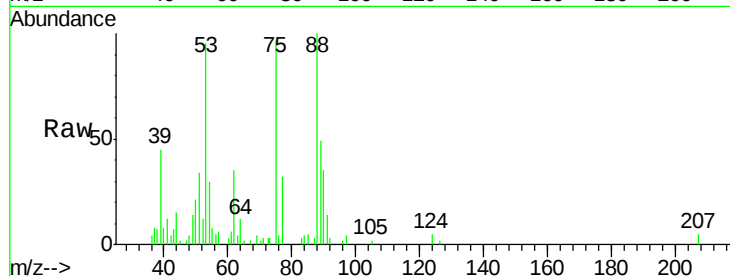
Tot Ion: 75 Resp: 4909

Ion Ratio Lower Upper

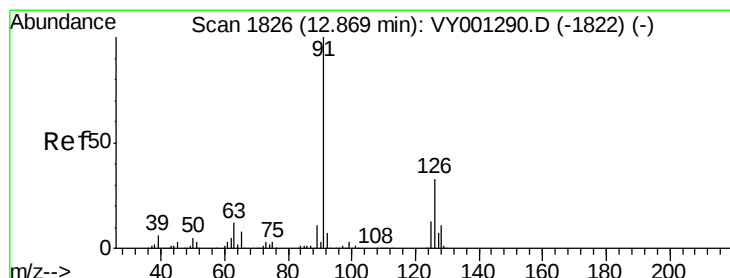
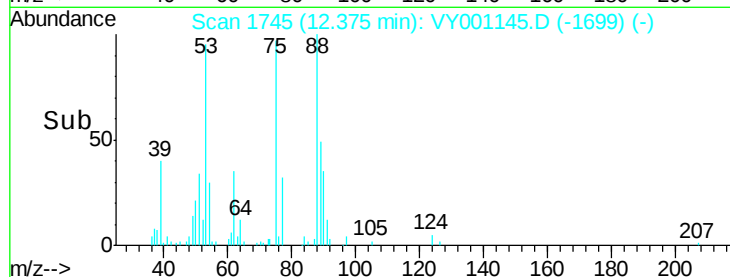
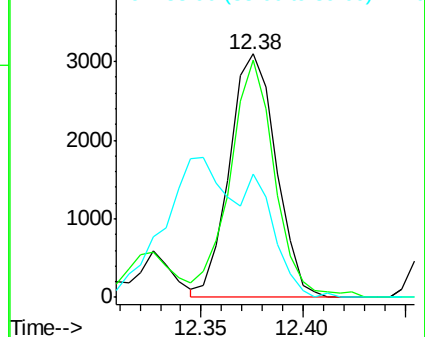
75 100

53 93.8 69.4 104.2

89 0.0 0.0 0.0



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



#82

4-Chlorotoluene

Concen: 5.098 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VY001145.D

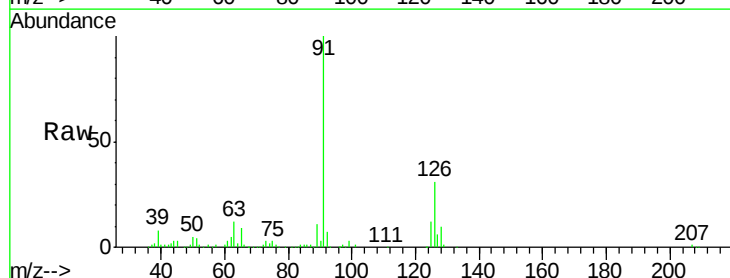
Acq: 10 Jan 2020 13:57

Tgt Ion: 91 Resp: 45205

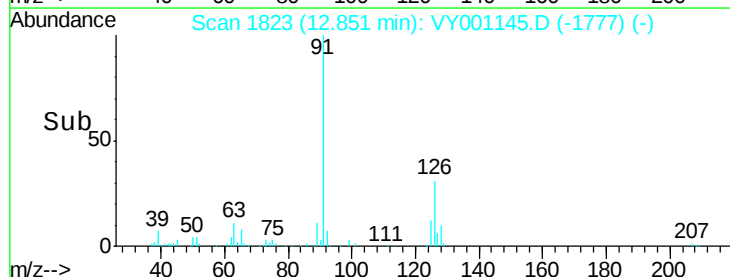
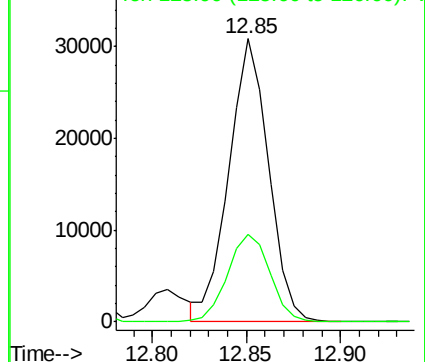
Ion Ratio Lower Upper

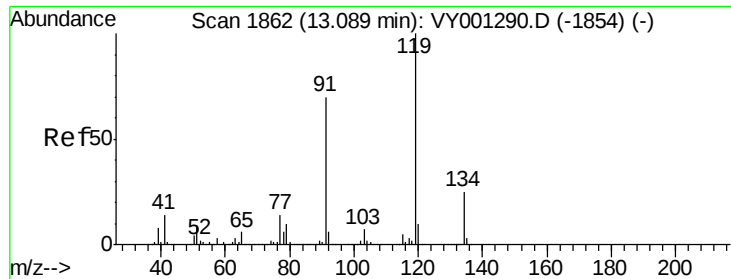
91 100

126 32.8 16.3 48.8



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

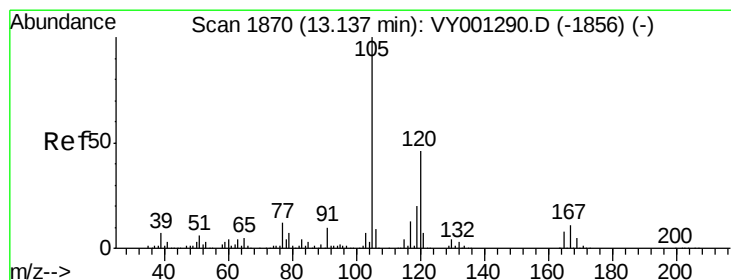
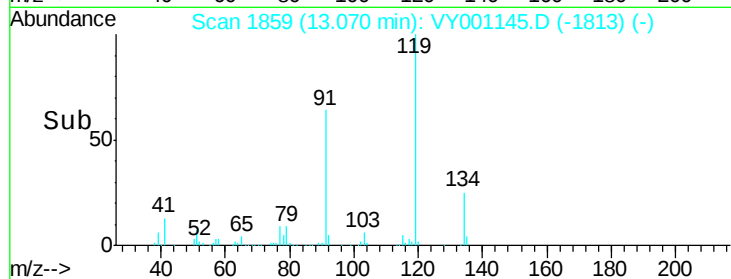
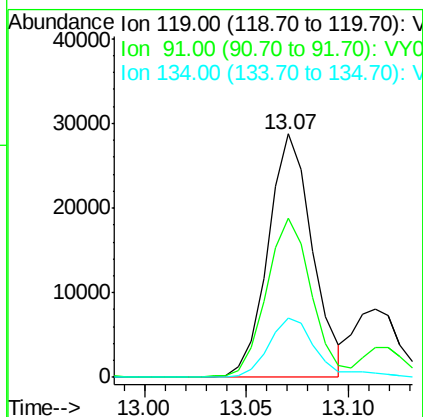
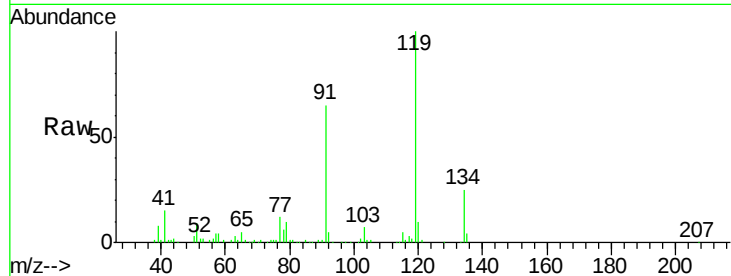




#83
tert-Butylbenzene
Concen: 5.180 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

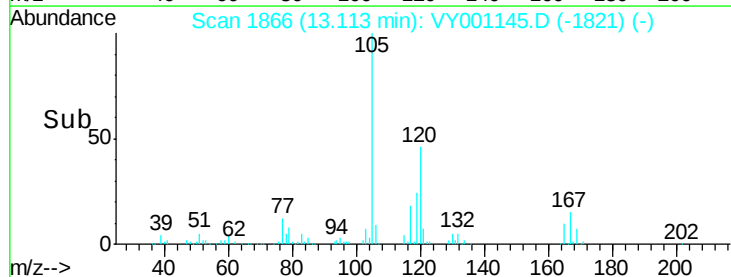
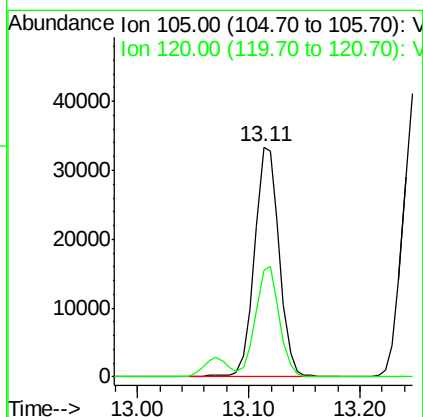
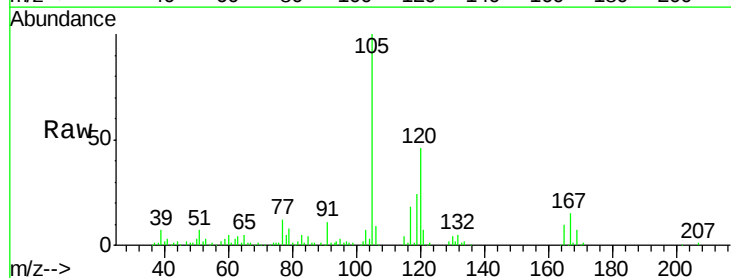
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

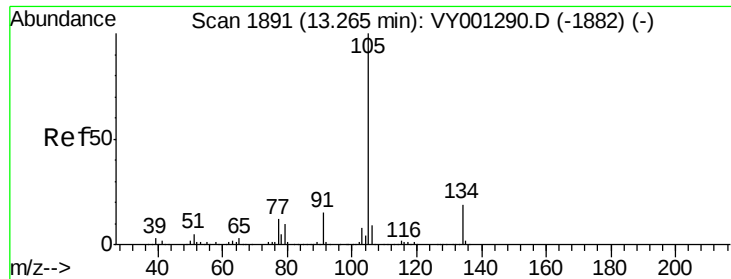
Tot Ion:119 Resp: 43668
Ion Ratio Lower Upper
119 100
91 66.9 33.9 101.7
134 26.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 5.158 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion:105 Resp: 51384
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 5.128 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.02 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

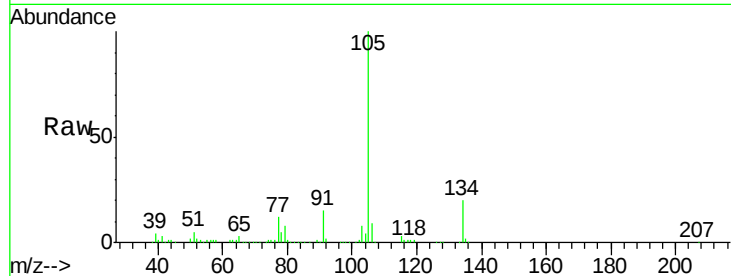
VSTDIC005

Tot Ion:105 Resp: 62186

Ion Ratio Lower Upper

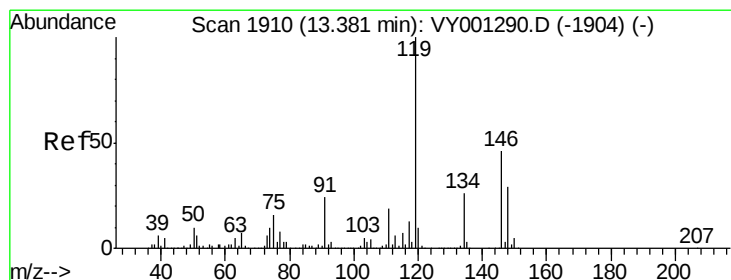
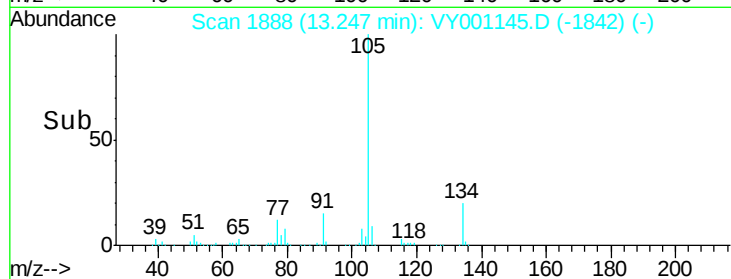
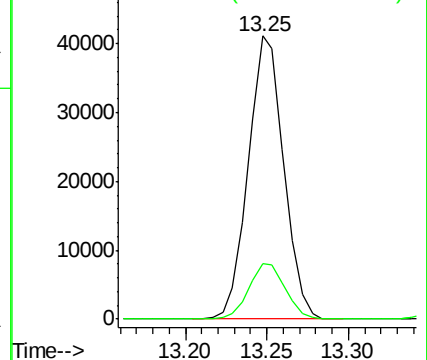
105 100

134 20.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.235 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001145.D

Acq: 10 Jan 2020 13:57

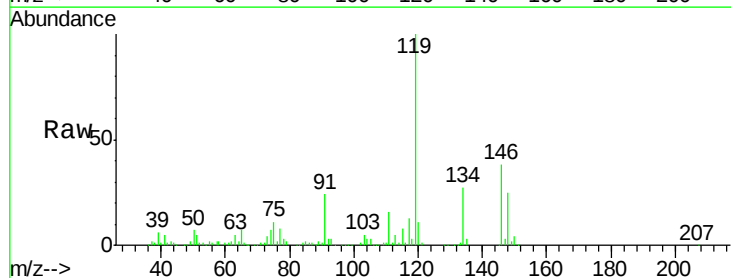
Tgt Ion:119 Resp: 55125

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

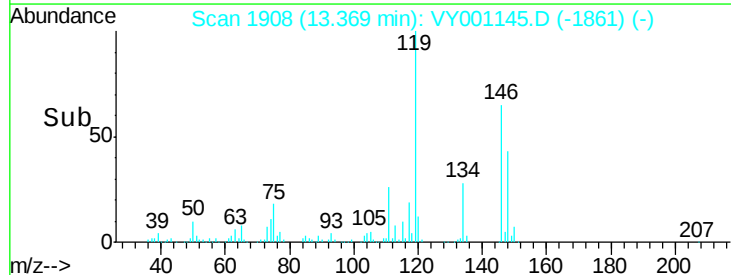
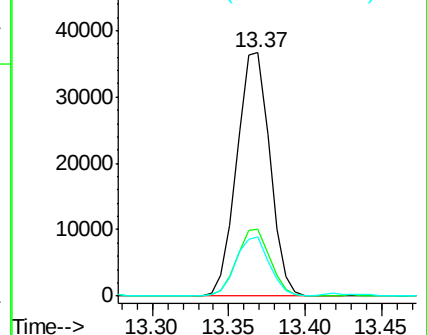
91 24.7 12.4 37.2

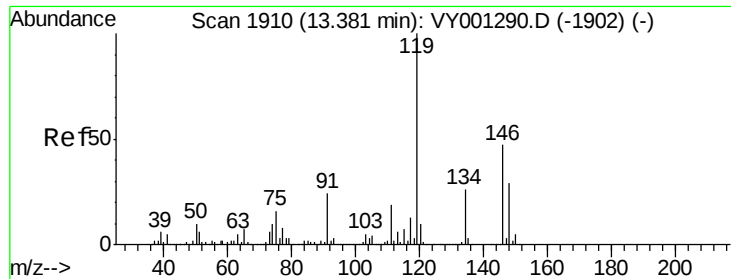


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

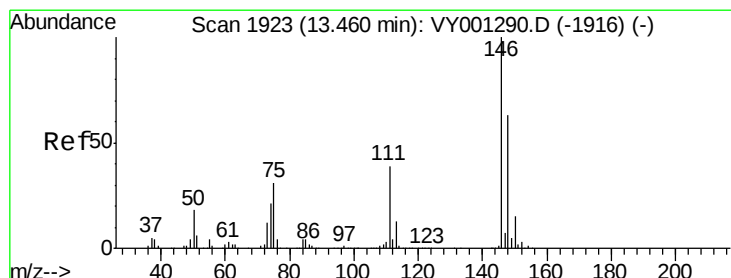
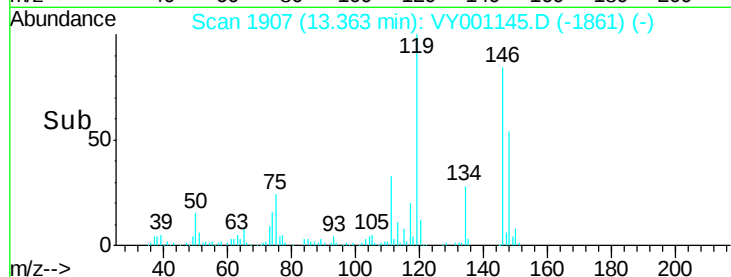
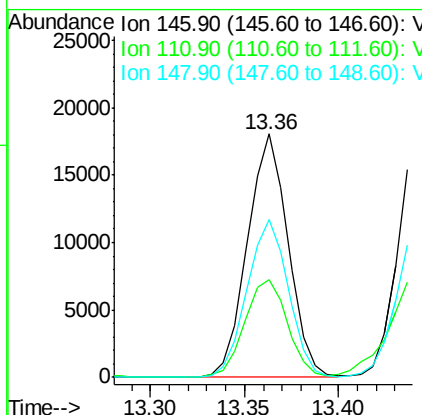
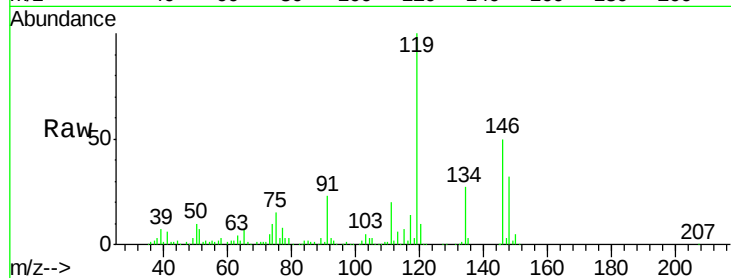




#87
 1,3-Dichlorobenzene
 Concen: 5.374 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

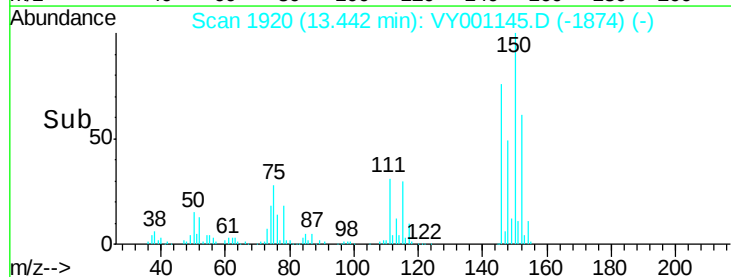
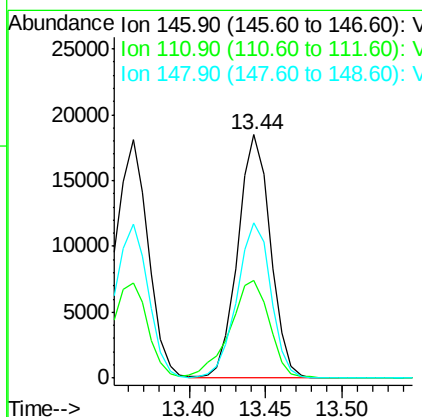
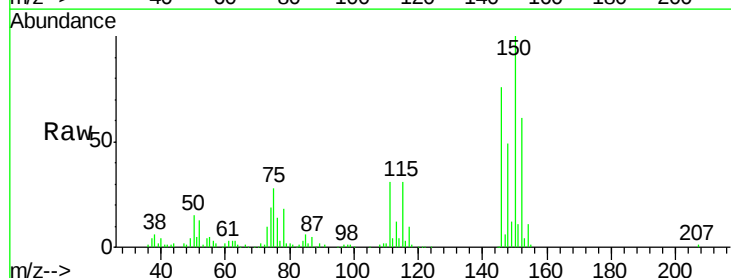
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

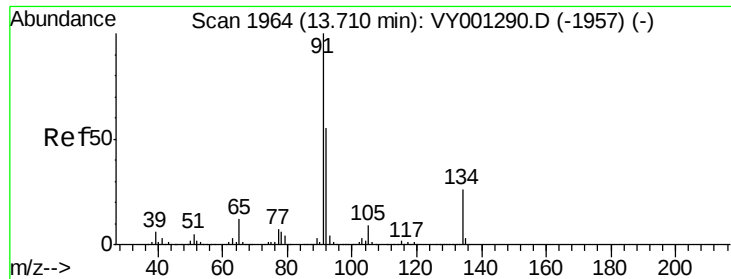
Tot Ion:146 Resp: 27000
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 66.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.319 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion:146 Resp: 27505
 Ion Ratio Lower Upper
 146 100
 111 48.5 20.8 62.5
 148 66.0 32.0 96.2

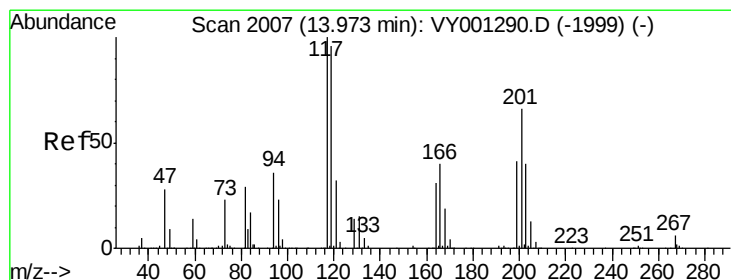
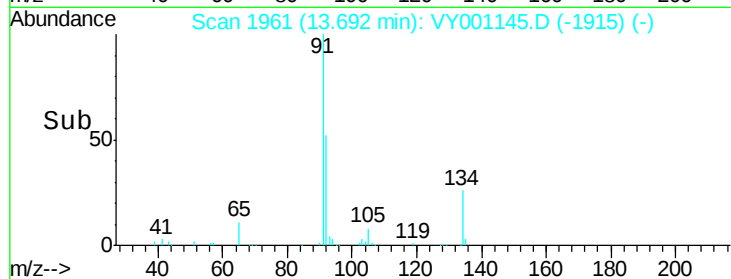
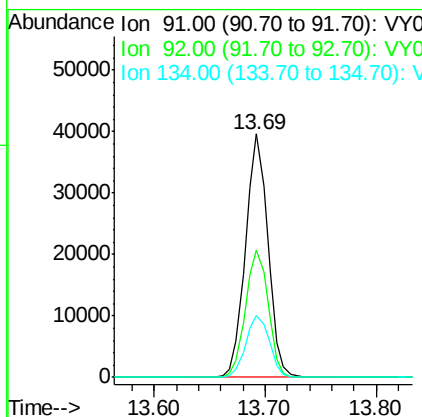
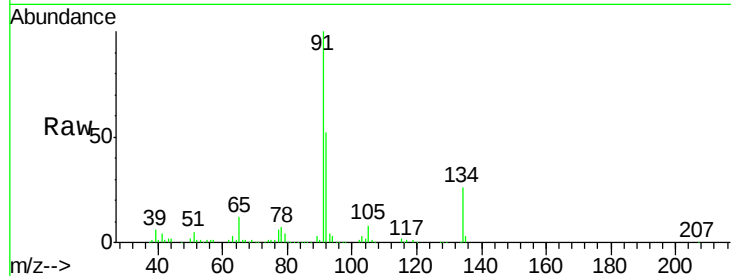




#89
n-Butylbenzene
Concen: 5.239 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

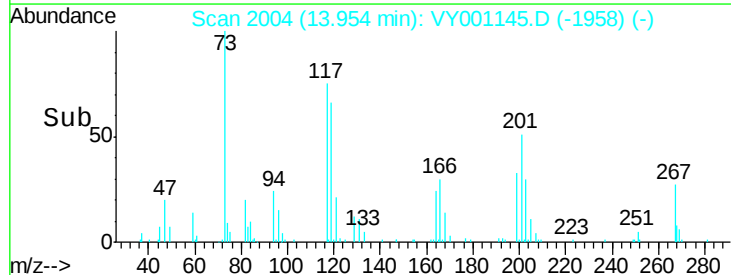
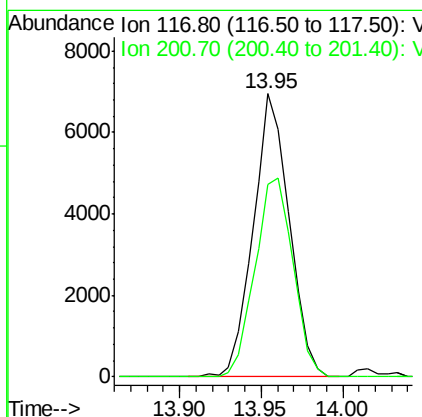
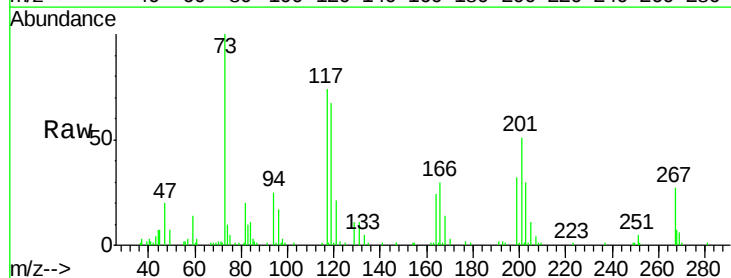
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

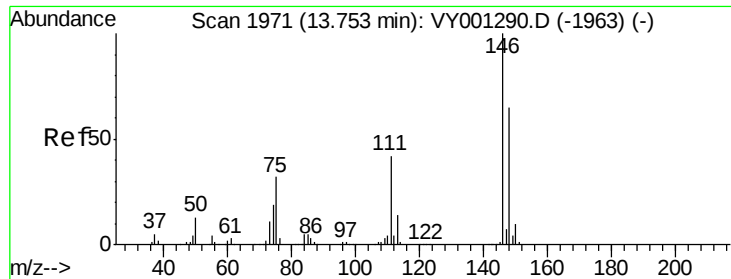
Tot Ion: 91 Resp: 55559
Ion Ratio Lower Upper
91 100
92 52.9 27.7 83.1
134 26.6 12.9 38.6



#90
Hexachloroethane
Concen: 5.187 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion: 117 Resp: 10671
Ion Ratio Lower Upper
117 100
201 74.3 35.4 106.2

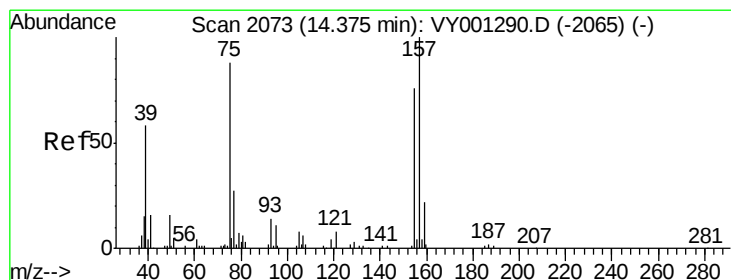
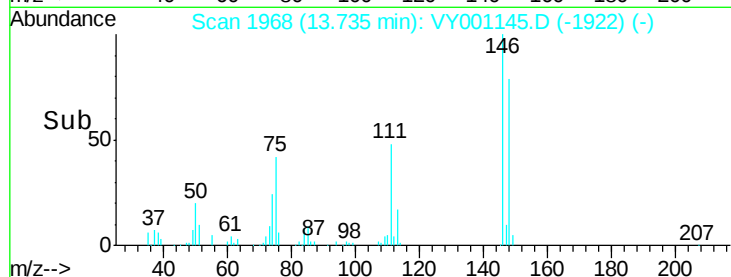
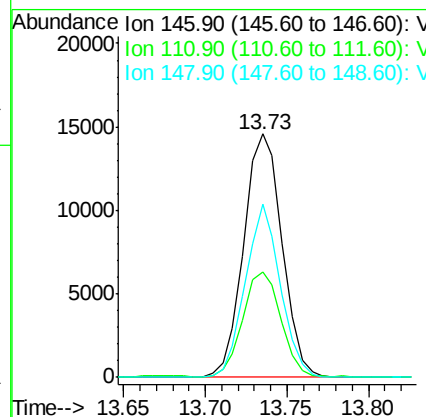
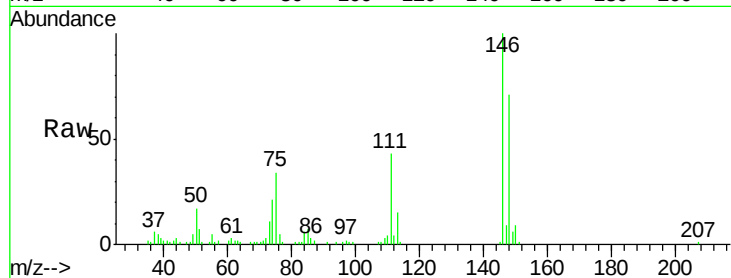




#91
 1,2-Dichlorobenzene
 Concen: 5.103 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

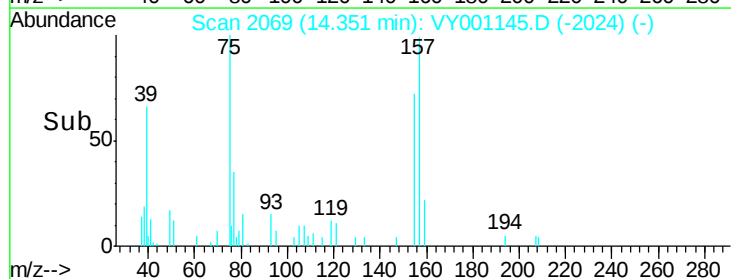
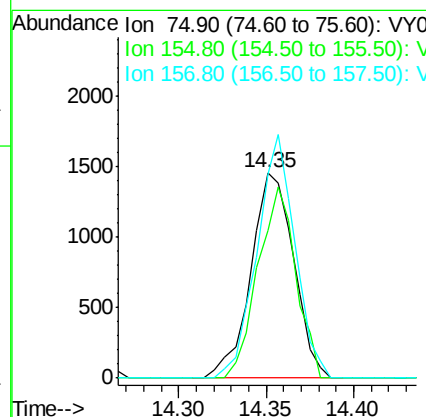
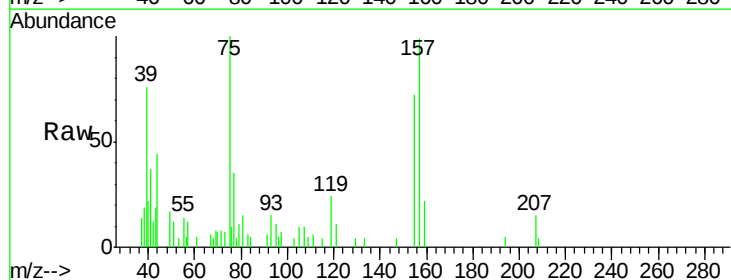
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

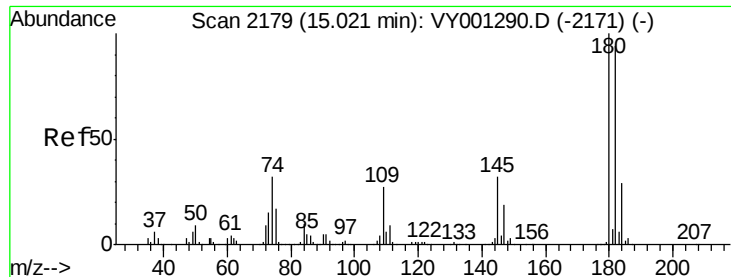
Tot Ion:146 Resp: 23827
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.0 66.0
 148 65.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.426 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion: 75 Resp: 2476
 Ion Ratio Lower Upper
 75 100
 155 82.2 41.2 123.6
 157 105.0 52.8 158.4

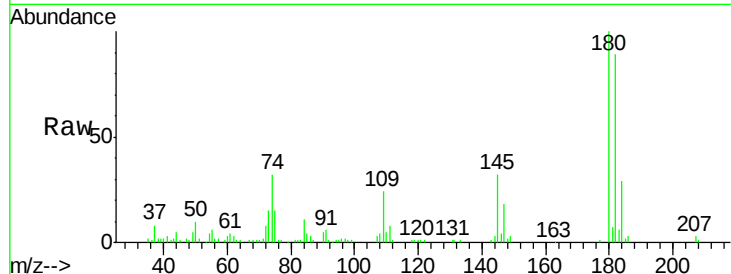




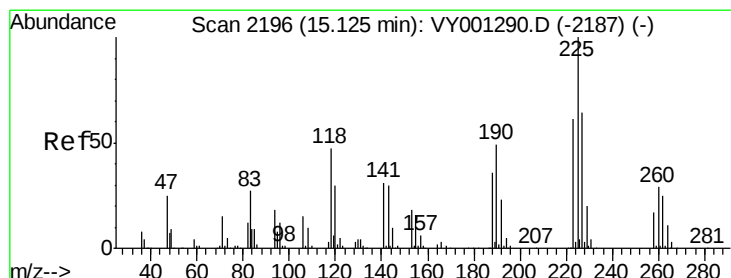
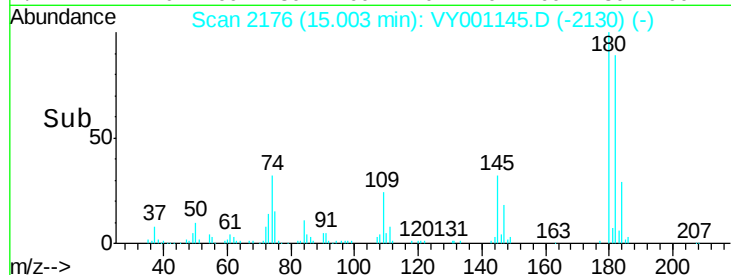
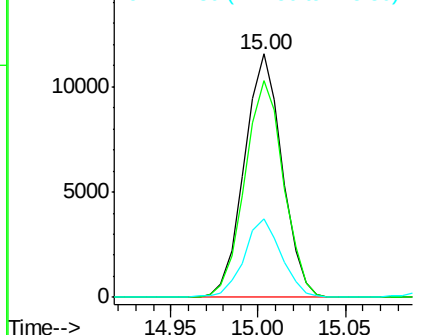
#93
 1,2,4-Trichlorobenzene
 Concen: 5.637 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 17342
 Ion Ratio Lower Upper
 180 100
 182 91.1 46.9 140.8
 145 31.9 16.0 48.0

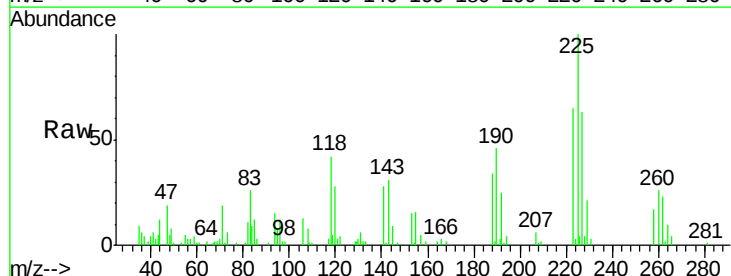


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

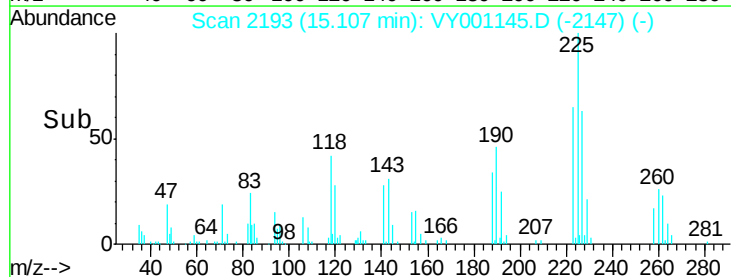
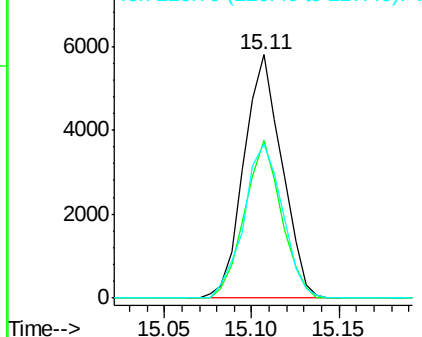


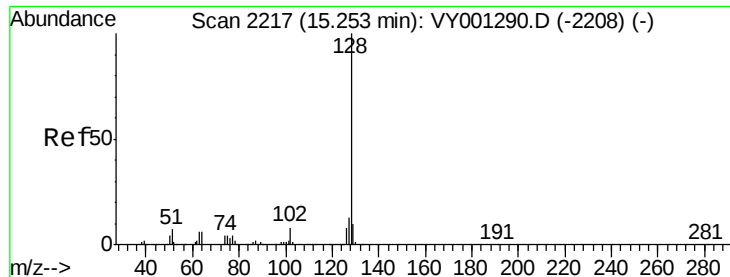
#94
 Hexachlorobutadiene
 Concen: 5.660 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.02 min
 Lab File: VY001145.D
 Acq: 10 Jan 2020 13:57

Tgt Ion:225 Resp: 8773
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.3
 227 64.5 31.3 93.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

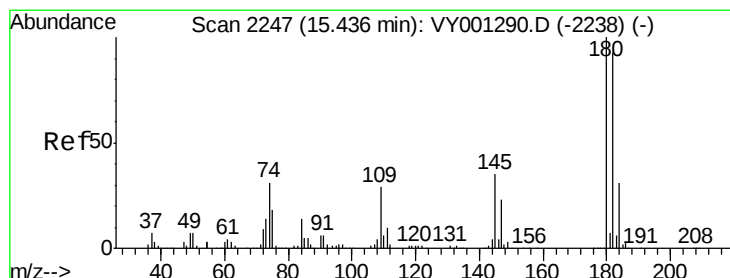
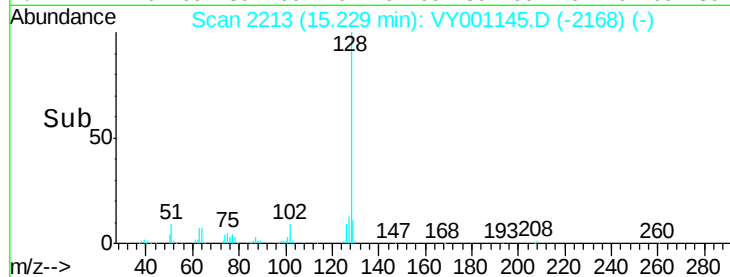
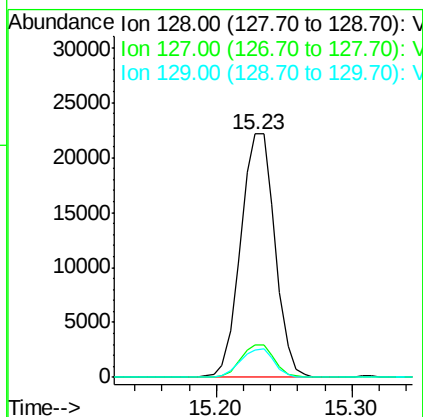
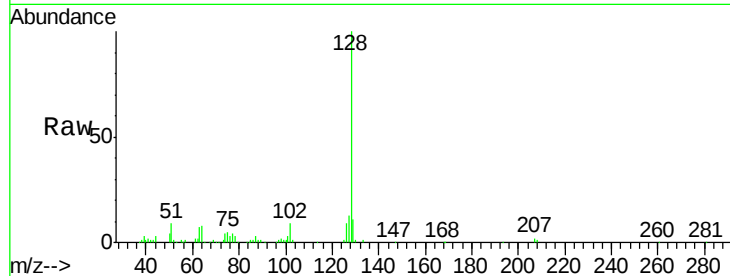




#95
Naphthalene
Concen: 5.442 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 38981
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 5.561 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.02 min
Lab File: VY001145.D
Acq: 10 Jan 2020 13:57

Tgt Ion:180 Resp: 15078
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 34.0 17.1 51.3

