

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001128.D
 Acq On : 02 Jan 2020 10:42
 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 02 12:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	585697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	429695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	16174	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	
35) Dibromofluoromethane	7.73	113	17790	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
50) Toluene-d8	10.18	98	66044	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.48	95	24415	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	10924	3.445	ug/l	94
3) Chloromethane	2.12	50	10334	2.618	ug/l	92
4) Vinyl Chloride	2.26	62	10775	2.794	ug/l #	85
5) Bromomethane	2.65	94	8103	3.374	ug/l #	75
6) Chloroethane	2.80	64	6394	2.669	ug/l #	83
7) Trichlorofluoromethane	3.13	101	26684	4.450	ug/l	94
8) Diethyl Ether	3.54	74	9068	3.820	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	15063	3.839	ug/l	96
10) Methyl Iodide	4.10	142	21967	3.935	ug/l	94
11) Tert butyl alcohol	4.97	59	9705	25.223	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	16405	4.115	ug/l #	89
13) Acrolein	3.73	56	2866	6.479	ug/l #	1
14) Allyl chloride	4.49	41	18133	2.977	ug/l	96
15) Acrylonitrile	5.18	53	20375	16.862	ug/l	100
16) Acetone	3.97	43	18036	23.129	ug/l #	81
17) Carbon Disulfide	4.21	76	45439	3.471	ug/l	98
18) Methyl Acetate	4.49	43	9938	3.278	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	42145	4.048	ug/l	97
20) Methylene Chloride	4.73	84	24331	5.008	ug/l	89
21) trans-1,2-Dichloroethene	5.24	96	19382	4.277	ug/l #	81
22) Diisopropyl ether	6.13	45	33997	2.772	ug/l #	92
23) Vinyl Acetate	6.07	43	103440	13.397	ug/l #	86
24) 1,1-Dichloroethane	6.04	63	23500	3.179	ug/l	97
25) 2-Butanone	7.00	43	26622	19.280	ug/l	98
26) 2,2-Dichloropropane	7.00	77	30726	4.948	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	22906	4.611	ug/l	95
28) Bromochloromethane	7.35	49	8787	3.122	ug/l	94
29) Tetrahydrofuran	7.36	42	16761	17.155	ug/l	96
30) Chloroform	7.52	83	33219	4.679	ug/l	90
31) Cyclohexane	7.80	56	34308	4.418	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	31584	5.119	ug/l	98
36) 1,1-Dichloropropene	7.93	75	26757	4.789	ug/l	100
37) Ethyl Acetate	7.10	43	11504	3.867	ug/l #	70
38) Carbon Tetrachloride	7.91	117	27949	5.551	ug/l	98

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 Data File : VY001128.D
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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 02 12:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	37566	5.039	ug/l	97
40) Benzene	8.18	78	83854	4.967	ug/l	100
41) Methacrylonitrile	7.33	41	5974	4.796	ug/l #	21
42) 1,2-Dichloroethane	8.25	62	20640	5.147	ug/l	96
43) Isopropyl Acetate	8.28	43	21559	3.920	ug/l	99
44) Trichloroethene	8.94	130	25652	5.652	ug/l	90
45) 1,2-Dichloropropane	9.22	63	18259	4.405	ug/l	98
46) Dibromomethane	9.32	93	11019	5.095	ug/l	96
47) Bromodichloromethane	9.50	83	23405	4.689	ug/l #	94
48) Methyl methacrylate	9.30	41	9468	4.063	ug/l	96
49) 1,4-Dioxane	9.32	88	3510	111.141	ug/l #	94
51) 4-Methyl-2-Pentanone	10.08	43	45554	16.151	ug/l	98
52) Toluene	10.25	92	50750	4.921	ug/l	93
53) t-1,3-Dichloropropene	10.47	75	24089	4.462	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	27950	4.339	ug/l #	90
55) 1,1,2-Trichloroethane	10.64	97	15755	4.838	ug/l	93
56) Ethyl methacrylate	10.51	69	18803	4.142	ug/l	98
57) 1,3-Dichloropropane	10.80	76	20735	3.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	39705	22.840	ug/l	99
59) 2-Hexanone	10.83	43	29588	14.965	ug/l	94
60) Dibromochloromethane	10.99	129	15808	4.481	ug/l	100
61) 1,2-Dibromoethane	11.09	107	13437	4.298	ug/l	99
64) Tetrachloroethene	10.72	164	23191	6.042	ug/l	86
65) Chlorobenzene	11.52	112	49587	5.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	16855	5.591	ug/l	98
67) Ethyl Benzene	11.60	91	82778	5.103	ug/l	96
68) m/p-Xylenes	11.70	106	66523	10.753	ug/l	99
69) o-Xylene	12.03	106	33344	5.730	ug/l	99
70) Styrene	12.04	104	53464	5.402	ug/l	98
71) Bromoform	12.21	173	10285	6.134	ug/l #	100
73) Isopropylbenzene	12.33	105	93950	4.827	ug/l	100
74) N-amyl acetate	12.14	43	15761	3.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	16348	4.365	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	22219	7.258	ug/l #	100
77) Bromobenzene	12.61	156	23374	5.300	ug/l	97
78) n-propylbenzene	12.67	91	114988	4.865	ug/l	97
79) 2-Chlorotoluene	12.75	91	64792	4.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	86655	5.421	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	5843	4.110	ug/l	96
82) 4-Chlorotoluene	12.85	91	67089	4.979	ug/l	99
83) tert-Butylbenzene	13.08	119	73646	5.446	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	92707	5.790	ug/l	95
85) sec-Butylbenzene	13.25	105	101905	5.156	ug/l	100
86) p-Isopropyltoluene	13.37	119	94722	5.525	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	47942	5.691	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	47002	5.527	ug/l	93
89) n-Butylbenzene	13.70	91	88784	5.211	ug/l	99
90) Hexachloroethane	13.96	117	16337	5.091	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	43224	5.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	3531	5.661	ug/l	75

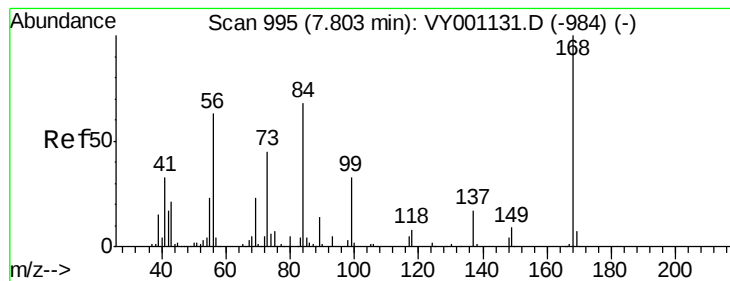
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
Data File : VY001128.D
Acq On : 02 Jan 2020 10:42
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jan 02 12:16:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 02 12:11:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	29588	5.637	ug/l	95
94) Hexachlorobutadiene	15.11	225	15637	6.183	ug/l	100
95) Naphthalene	15.23	128	67839	5.553	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	26782	5.721	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

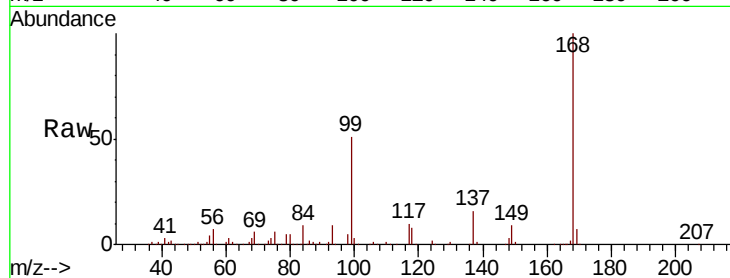
VSTDIC005

Tot Ion:168 Resp: 363979

Ion Ratio Lower Upper

168 100

99 50.9 42.5 63.7



Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)

7.80

150000

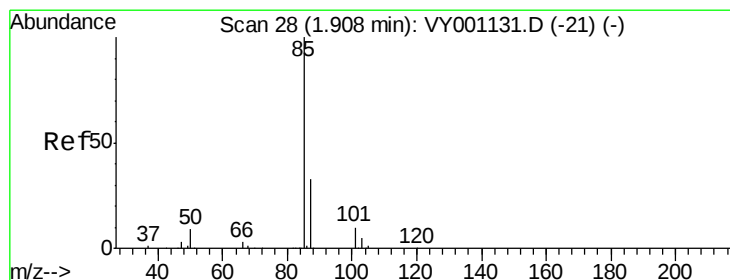
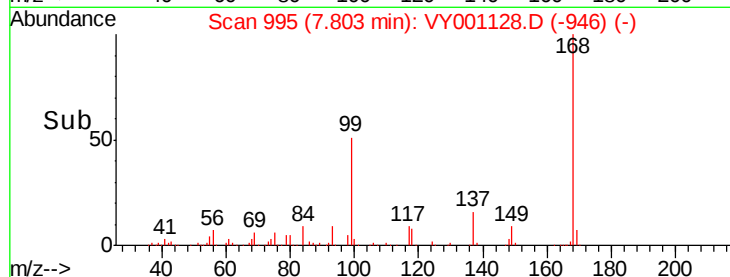
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 3.445 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY001128.D

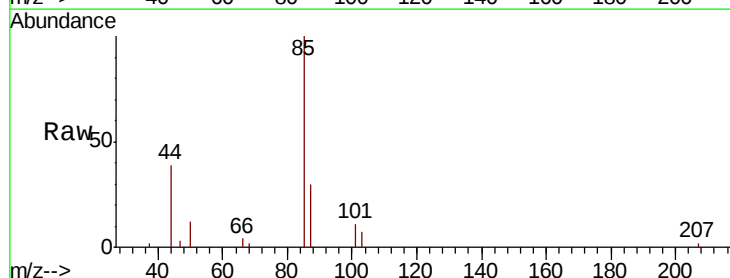
Acq: 02 Jan 2020 10:42

Tgt Ion: 85 Resp: 10924

Ion Ratio Lower Upper

85 100

87 29.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)

1.91

8000

6000

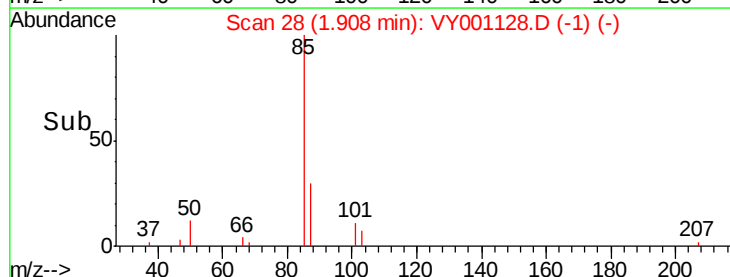
4000

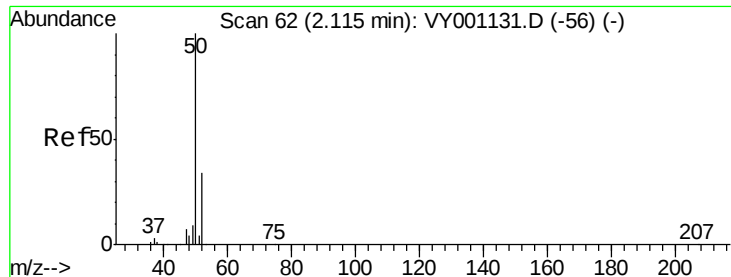
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 2.618 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

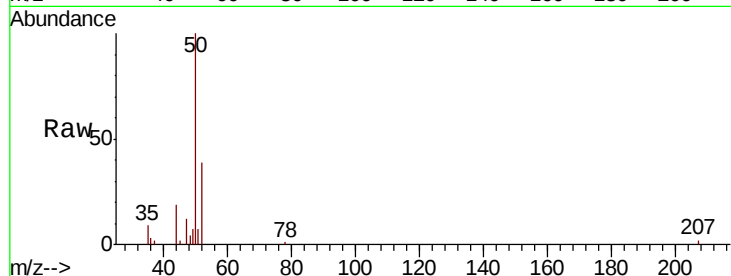
VSTDIC005

Tot Ion: 50 Resp: 10334

Ion Ratio Lower Upper

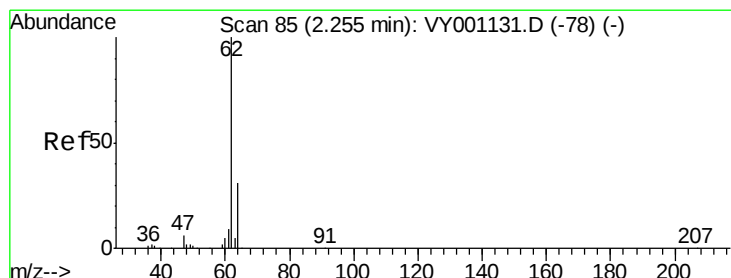
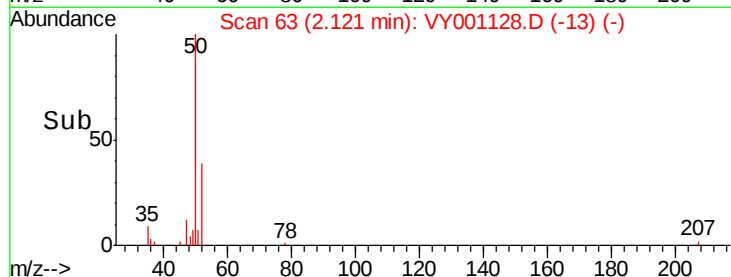
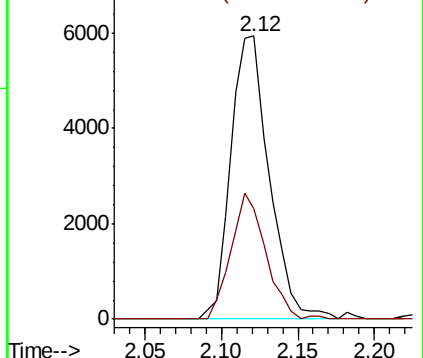
50 100

52 38.9 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.794 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001128.D

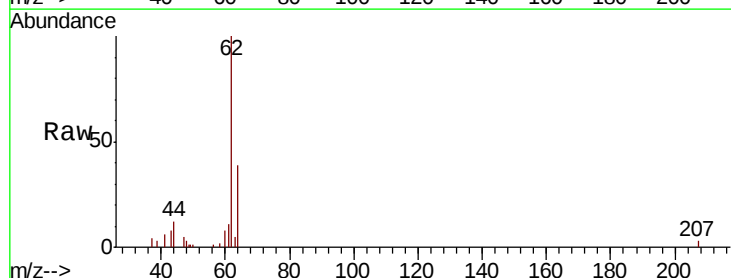
Acq: 02 Jan 2020 10:42

Tgt Ion: 62 Resp: 10775

Ion Ratio Lower Upper

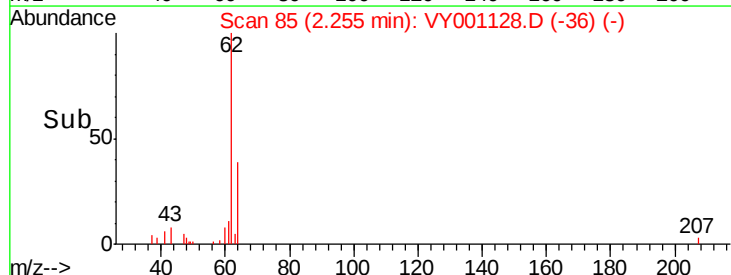
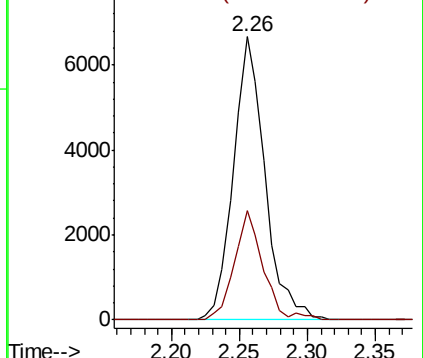
62 100

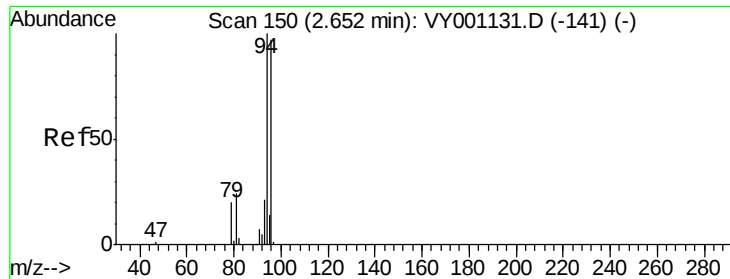
64 38.5 24.4 36.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.374 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

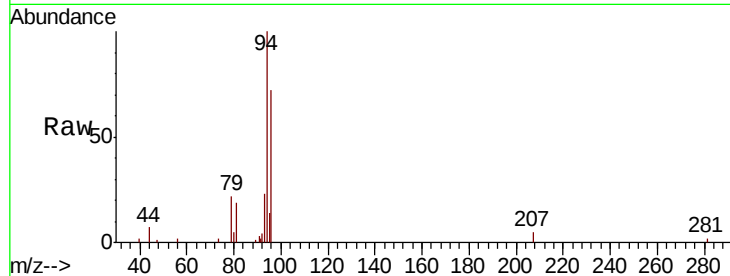
VSTDIC005

Tot Ion: 94 Resp: 8103

Ion Ratio Lower Upper

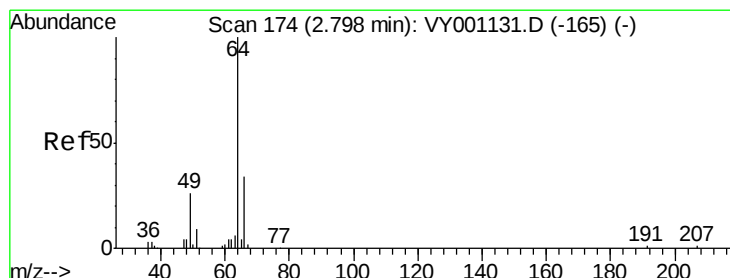
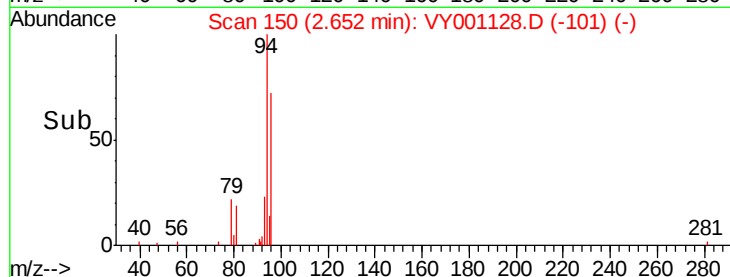
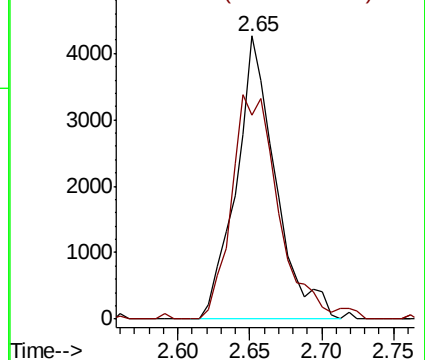
94 100

96 72.0 77.3 115.9#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 2.669 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001128.D

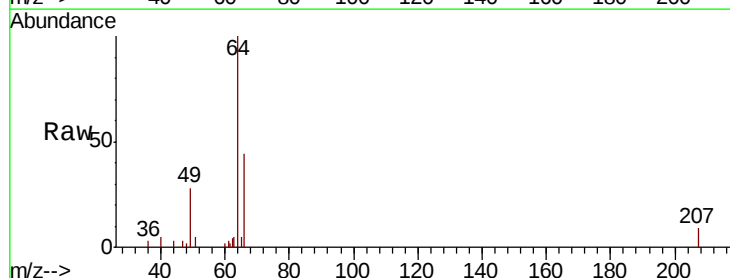
Acq: 02 Jan 2020 10:42

Tgt Ion: 64 Resp: 6394

Ion Ratio Lower Upper

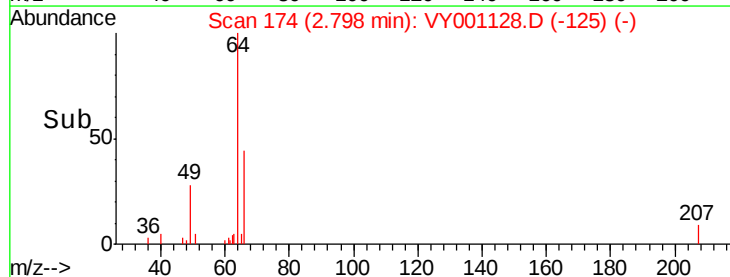
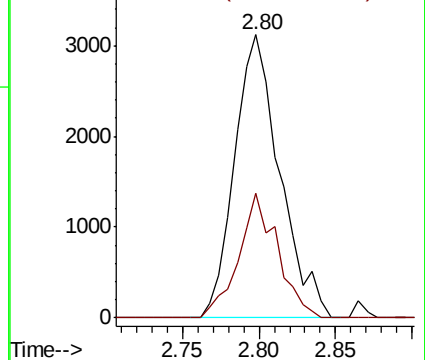
64 100

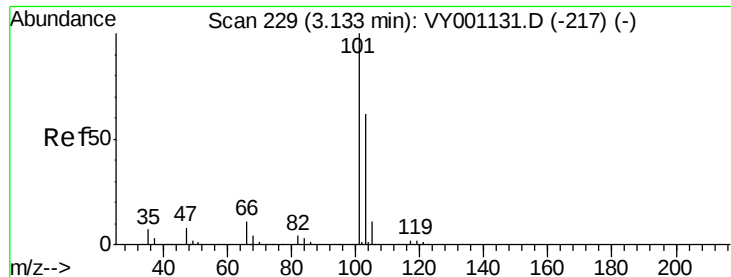
66 44.1 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



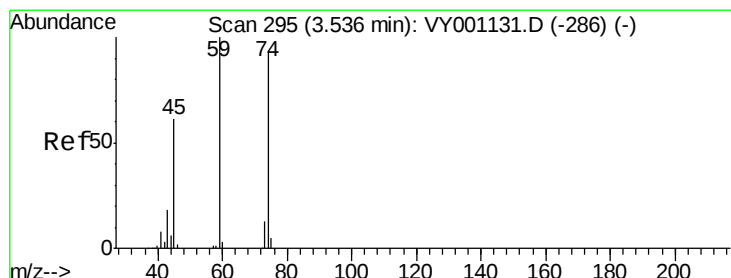
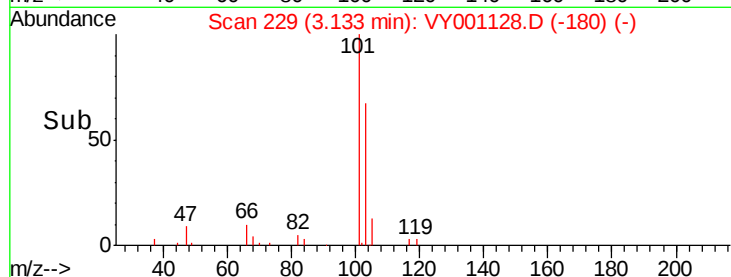
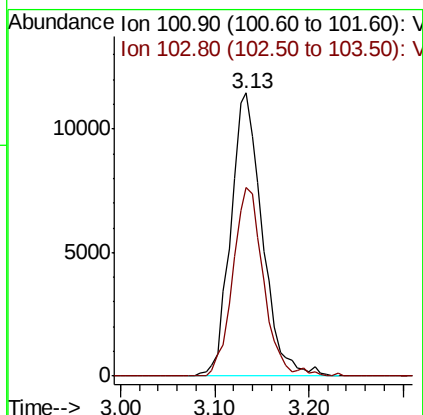
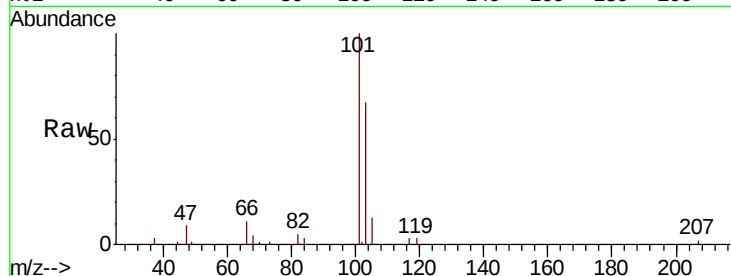


#7

Trichlorofluoromethane
 Concen: 4.450 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

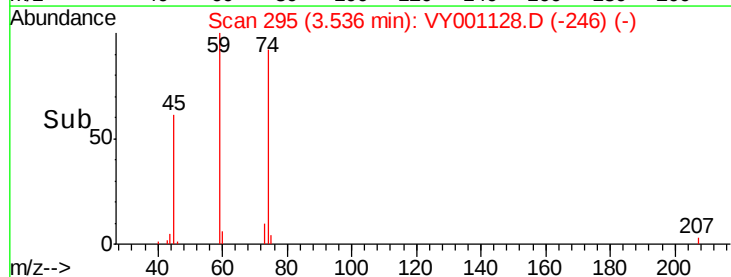
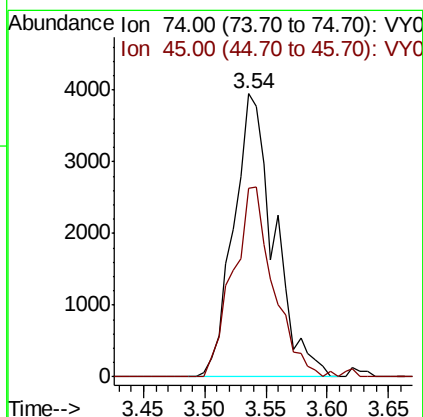
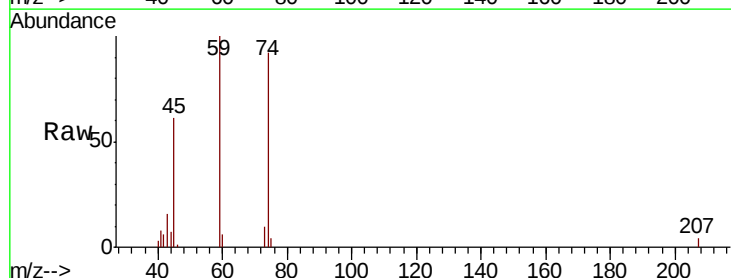
Tot Ion:101 Resp: 26684
 Ion Ratio Lower Upper
 101 100
 103 66.5 49.7 74.5

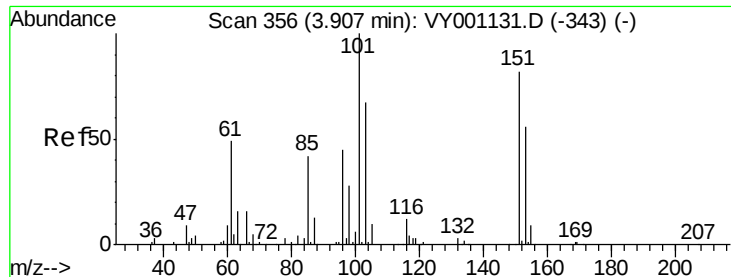


#8

Diethyl Ether
 Concen: 3.820 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 74 Resp: 9068
 Ion Ratio Lower Upper
 74 100
 45 66.8 33.2 99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.839 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

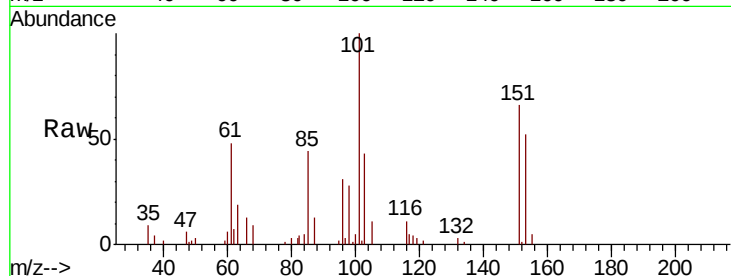
Tot Ion:101 Resp: 15063

Ion Ratio Lower Upper

101 100

85 44.7 32.8 49.2

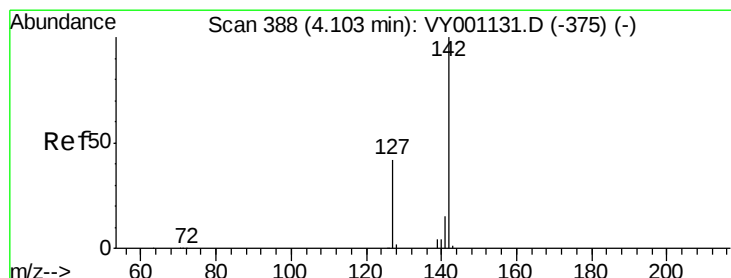
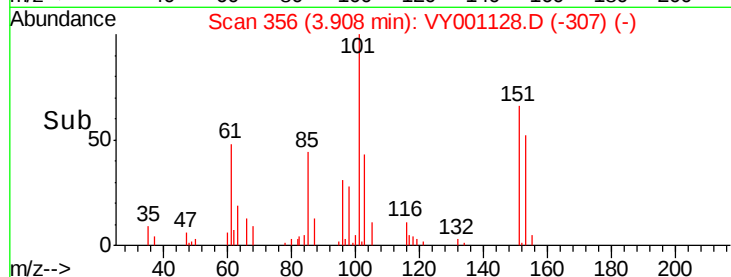
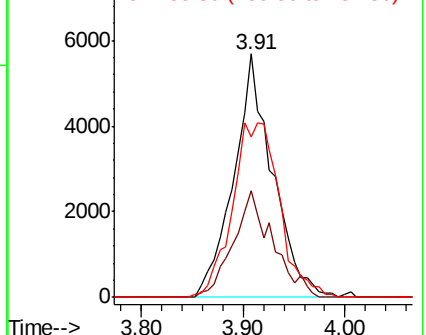
151 86.9 67.4 101.0



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: 3.935 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

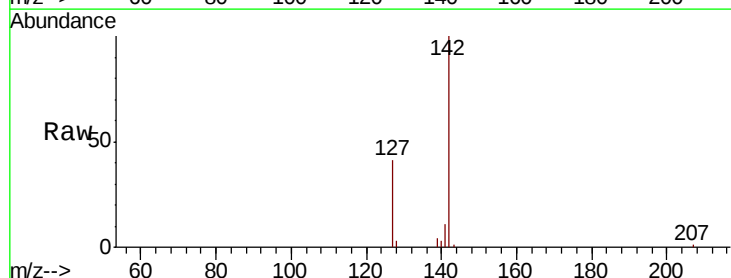
Tgt Ion:142 Resp: 21967

Ion Ratio Lower Upper

142 100

127 45.1 32.2 48.4

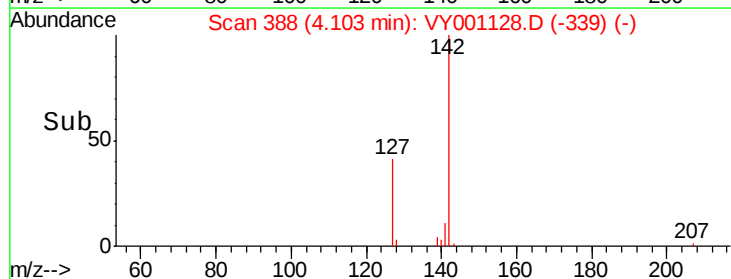
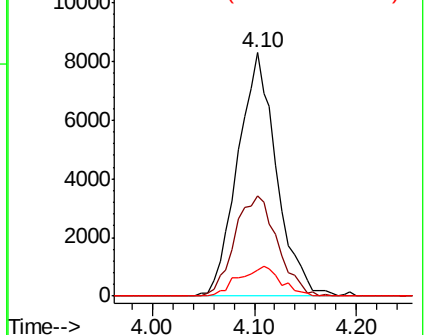
141 13.2 11.1 16.7

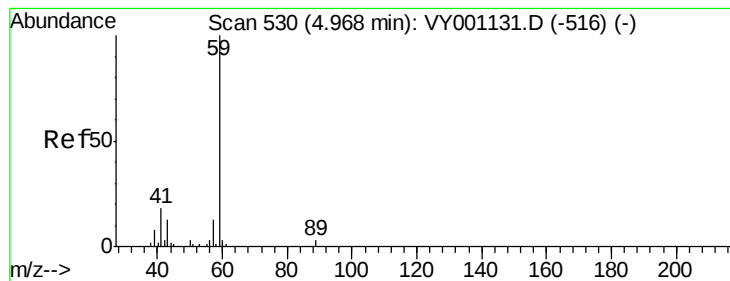


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 25.223 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

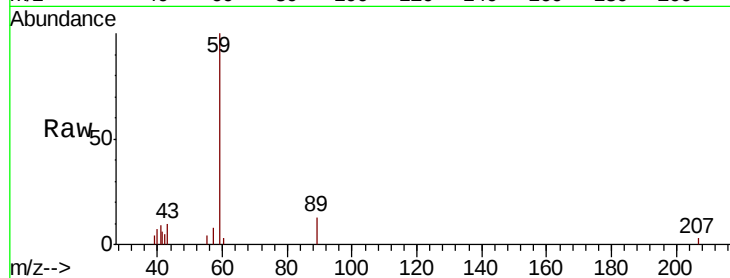
VSTDIC005

Tot Ion: 59 Resp: 9705

Ion Ratio Lower Upper

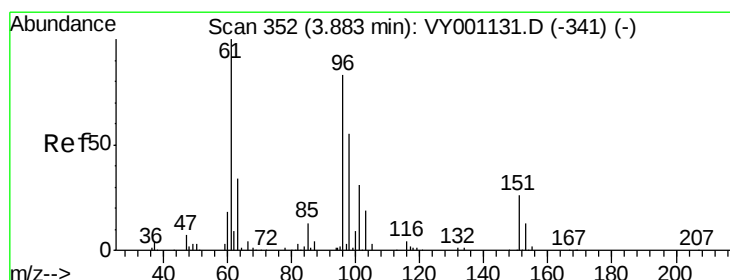
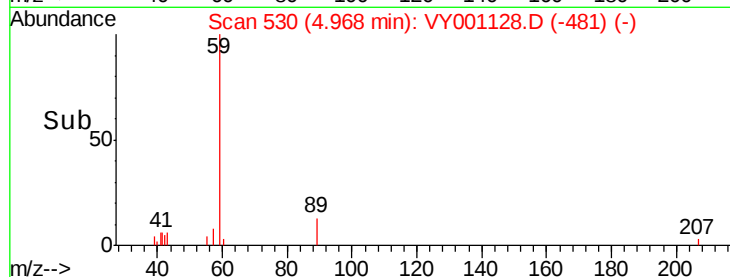
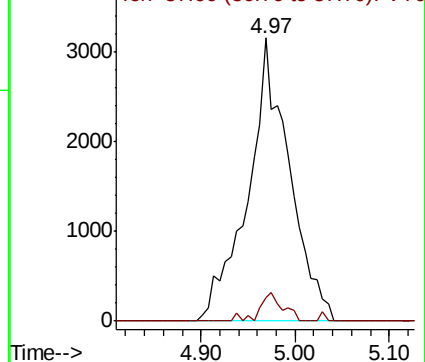
59 100

57 5.1 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 4.115 ug/l

RT: 3.88 min Scan# 352

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

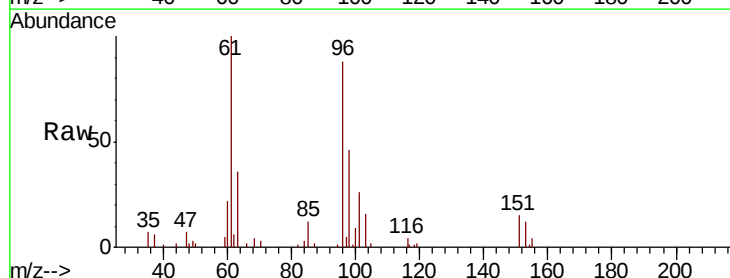
Tgt Ion: 96 Resp: 16405

Ion Ratio Lower Upper

96 100

61 111.9 96.2 144.4

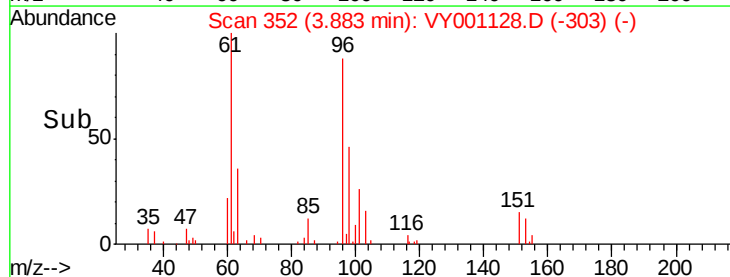
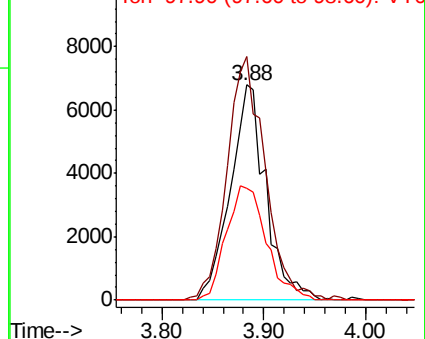
98 52.3 52.8 79.2#

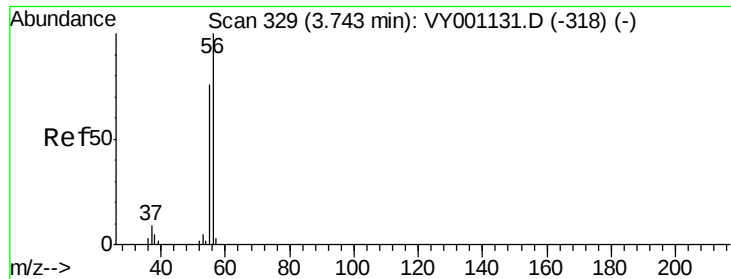


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 6.479 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

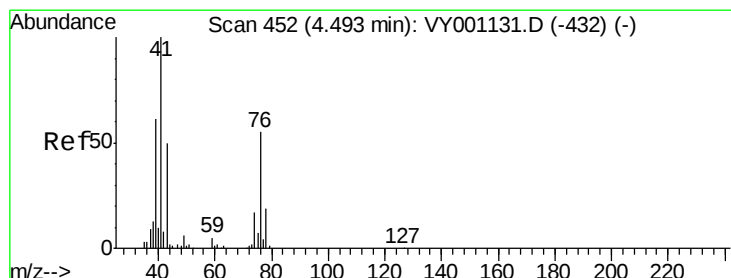
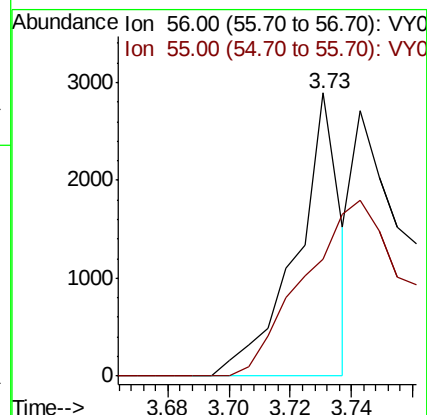
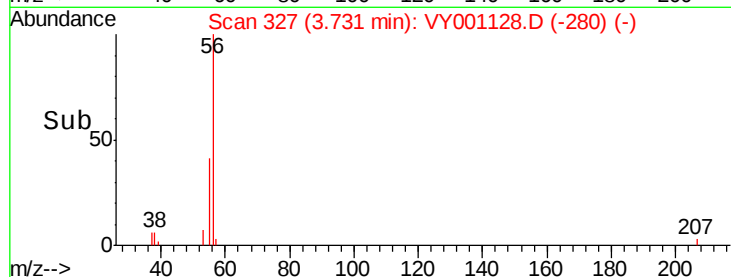
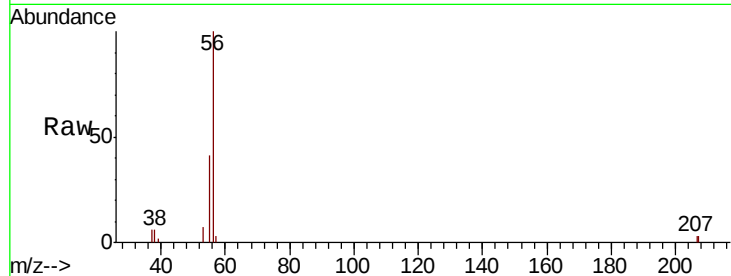
VSTDIC005

Tot Ion: 56 Resp: 2866

Ion Ratio Lower Upper

56 100

55 154.5 55.7 83.5#



#14

Allyl chloride

Concen: 2.977 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

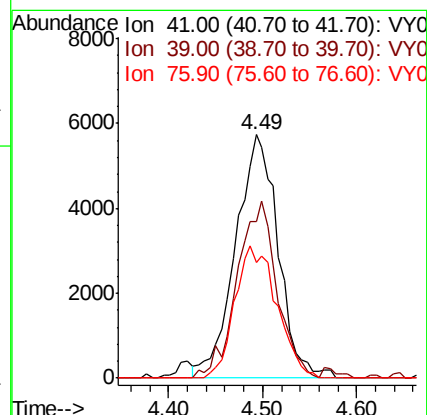
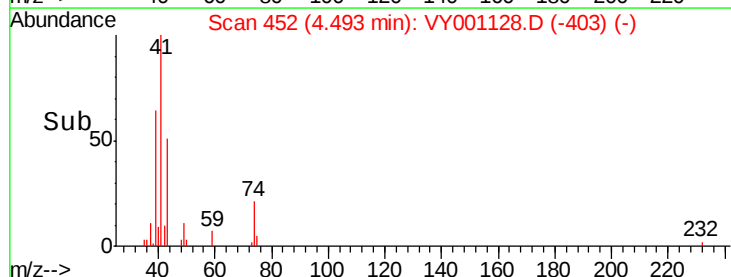
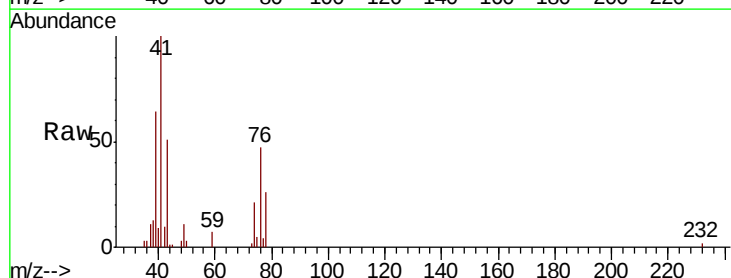
Tgt Ion: 41 Resp: 18133

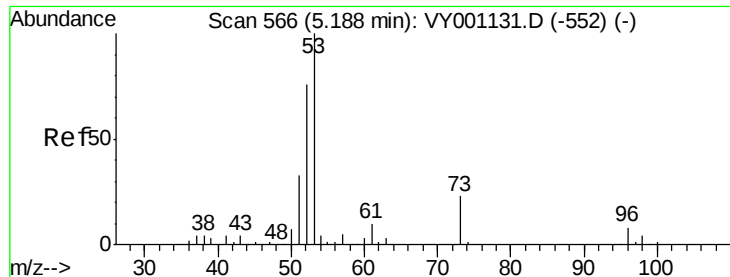
Ion Ratio Lower Upper

41 100

39 67.9 50.1 75.1

76 53.3 42.1 63.1





#15

Acrylonitrile

Concen: 16.862 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

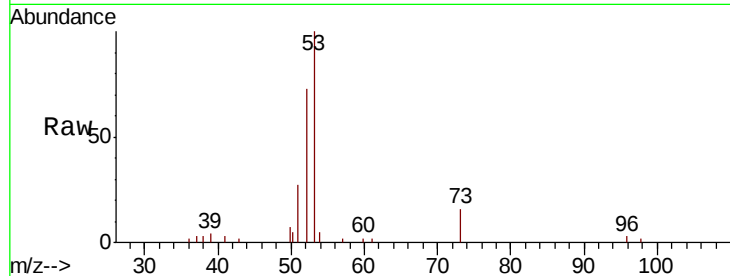
Tot Ion: 53 Resp: 20375

Ion Ratio Lower Upper

53 100

52 79.1 63.0 94.4

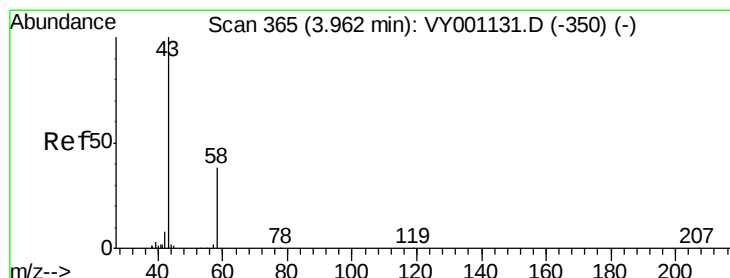
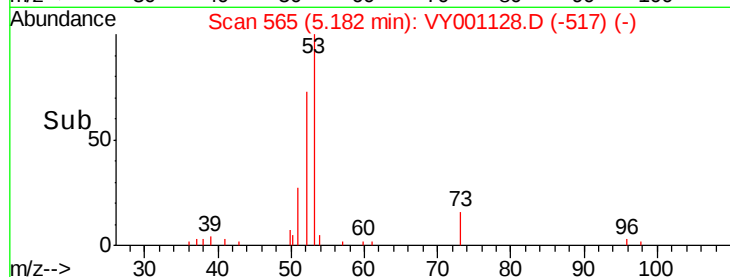
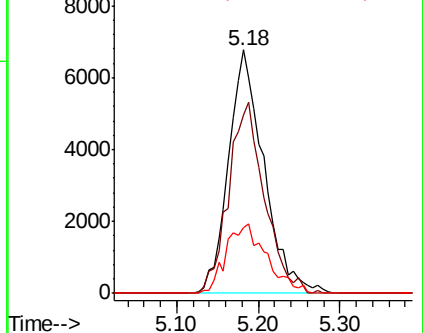
51 32.8 26.1 39.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 23.129 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY001128.D

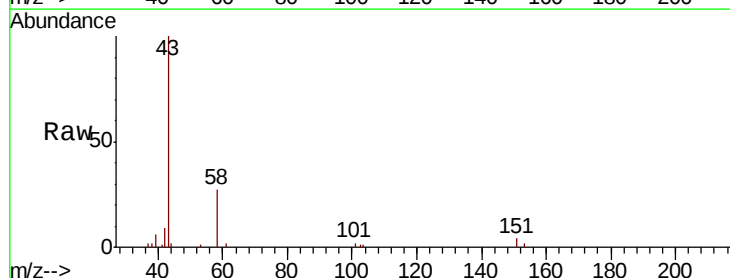
Acq: 02 Jan 2020 10:42

Tgt Ion: 43 Resp: 18036

Ion Ratio Lower Upper

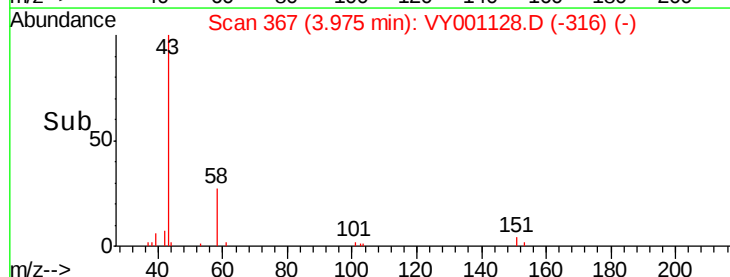
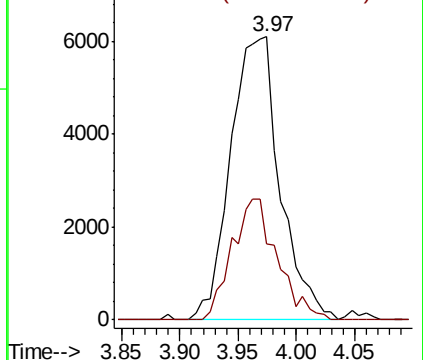
43 100

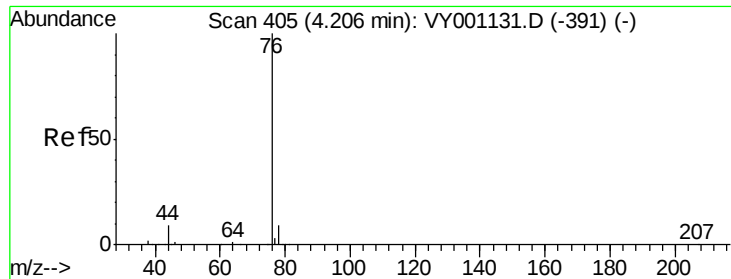
58 26.7 30.6 46.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

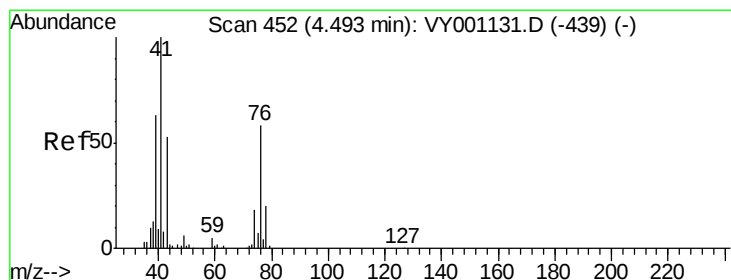
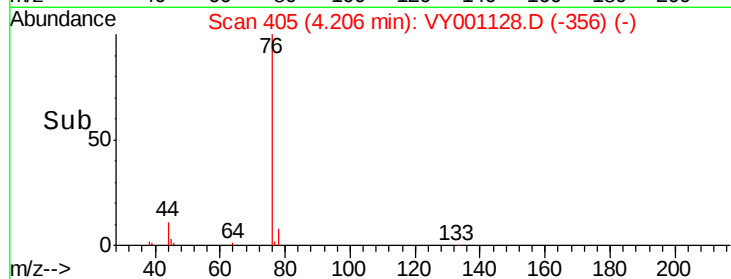
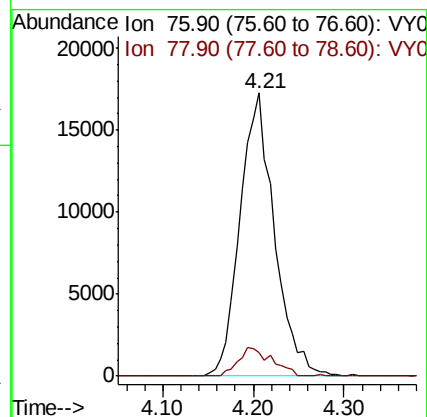
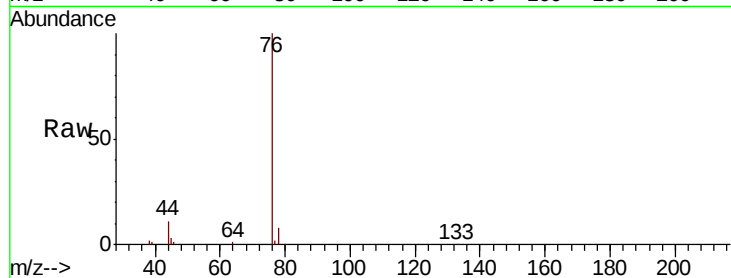




#17
Carbon Disulfide
Concen: 3.471 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

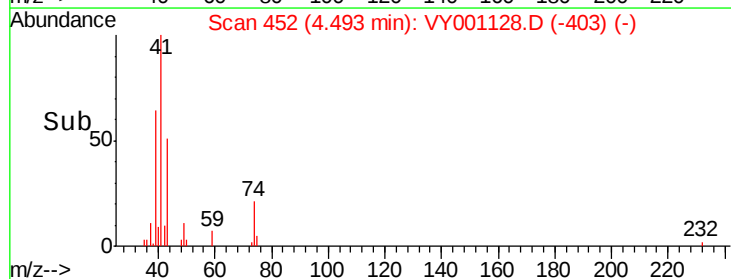
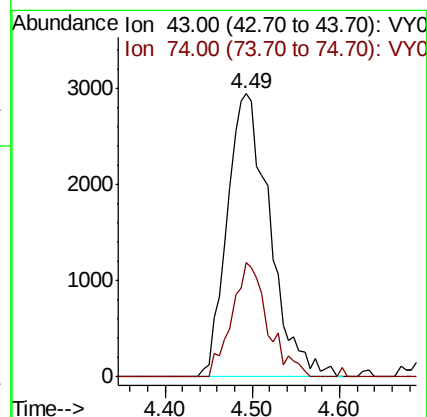
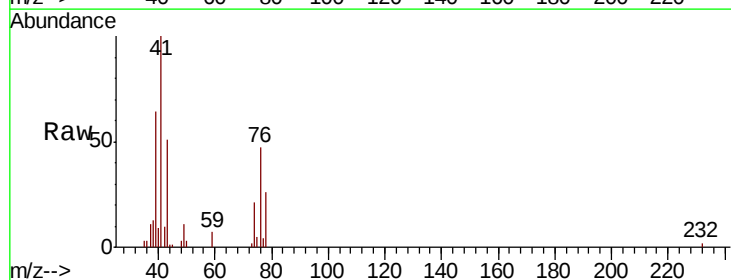
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

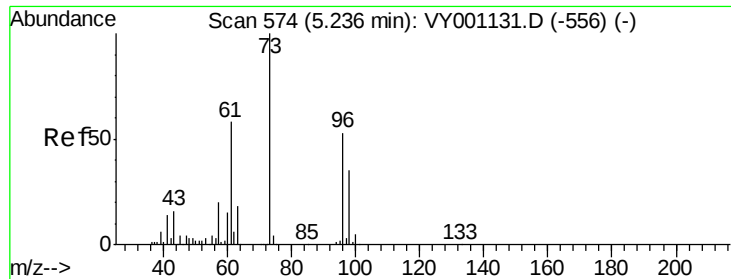
Tot Ion: 76 Resp: 45439
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 3.278 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 43 Resp: 9938
Ion Ratio Lower Upper
43 100
74 34.3 27.3 40.9



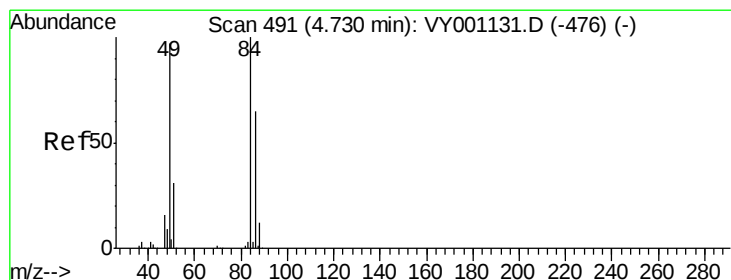
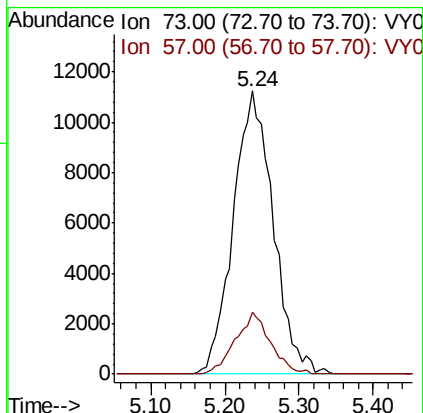
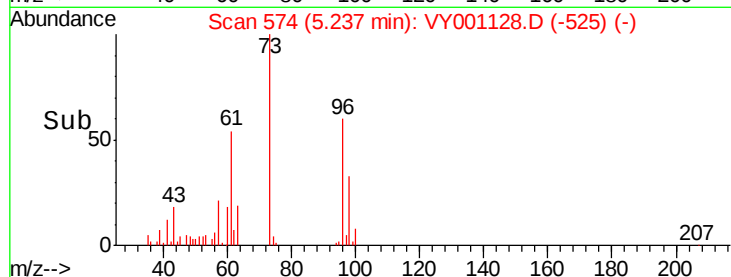
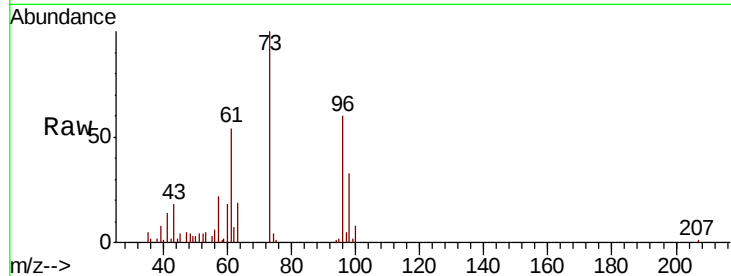


#19

Methyl tert-butyl Ether
 Concen: 4.048 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

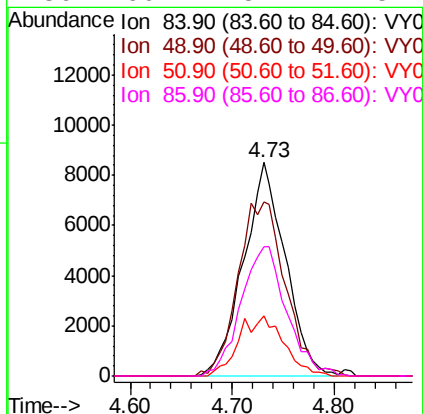
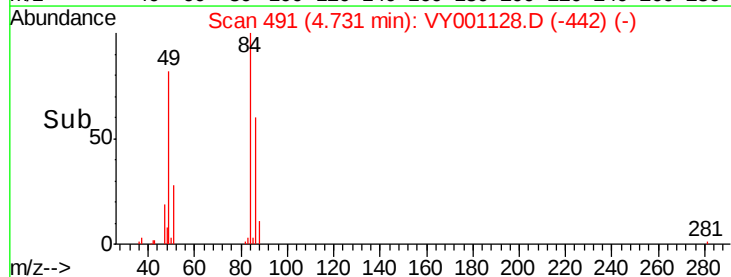
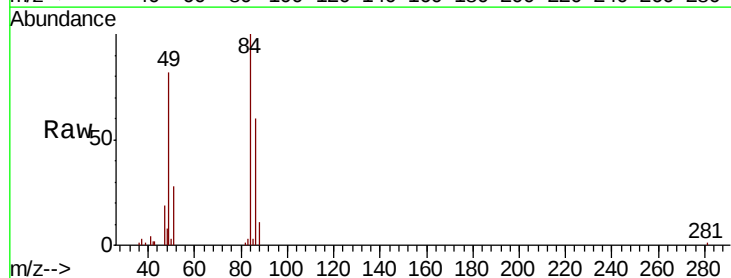
Tot Ion: 73 Resp: 42145
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.3 24.5

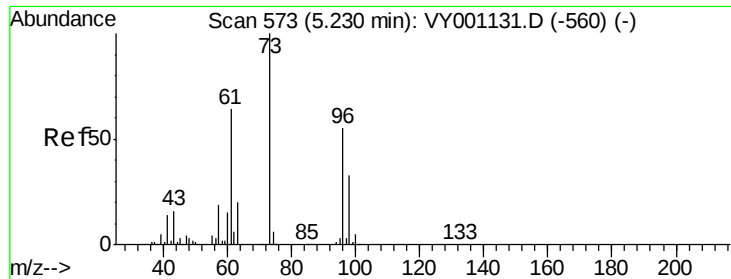


#20

Methylene Chloride
 Concen: 5.008 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 84 Resp: 24331
 Ion Ratio Lower Upper
 84 100
 49 81.6 77.5 116.3
 51 28.0 24.7 37.1
 86 60.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 4.277 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

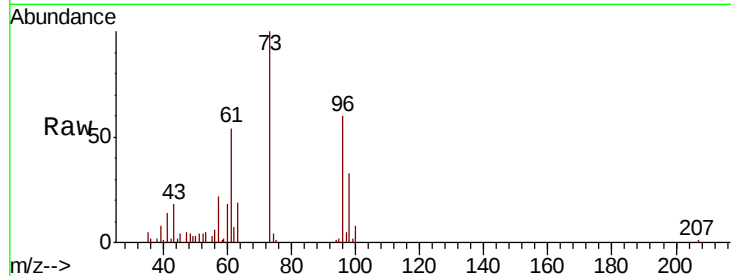
MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 19382

Ion	Ratio	Lower	Upper
96	100		
61	89.1	93.2	139.8#
98	54.9	48.8	73.2

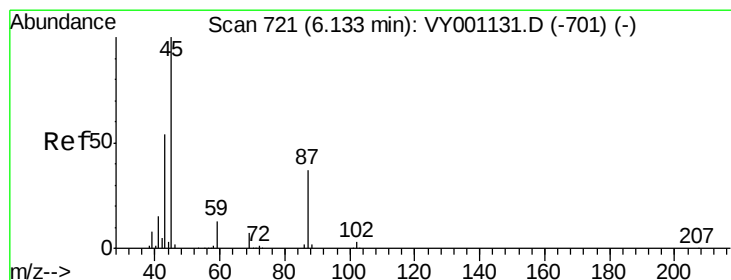
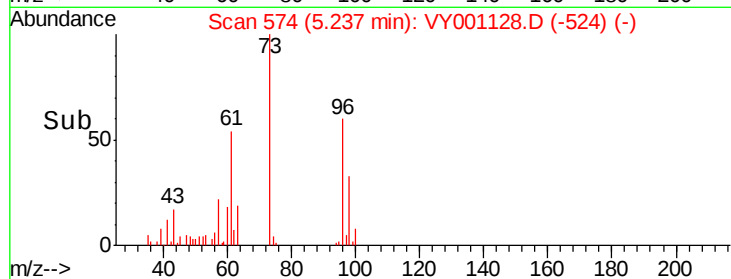
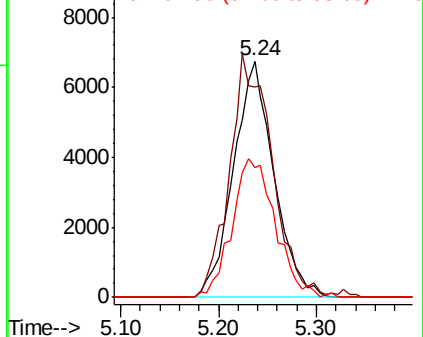


Abundance

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



#22

Diisopropyl ether

Concen: 2.772 ug/l

RT: 6.13 min Scan# 721

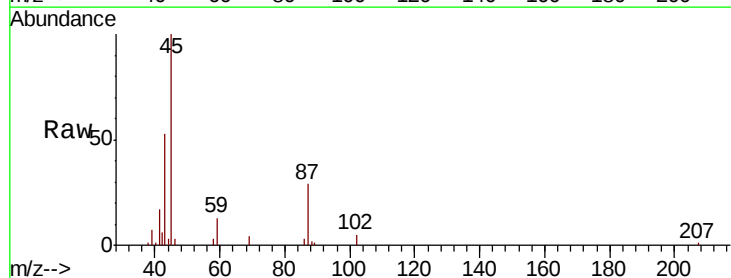
Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Tgt Ion: 45 Resp: 33997

Ion	Ratio	Lower	Upper
45	100		
43	51.1	43.7	65.5
87	29.1	30.0	45.0#
59	13.2	10.5	15.7



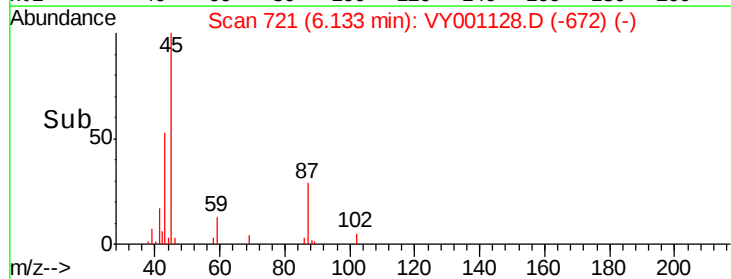
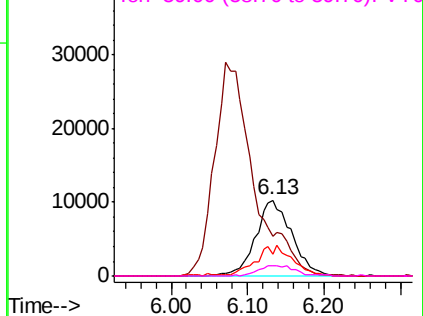
Abundance

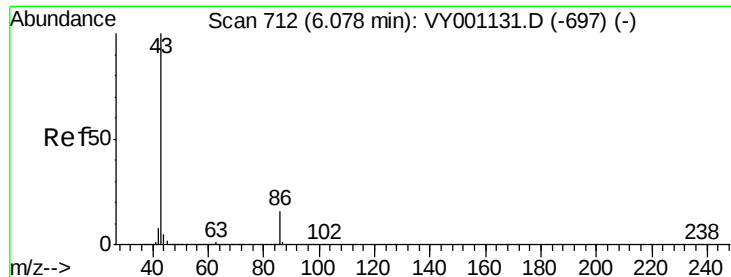
Ion 45.00 (44.70 to 45.70): VY0

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: 13.397 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

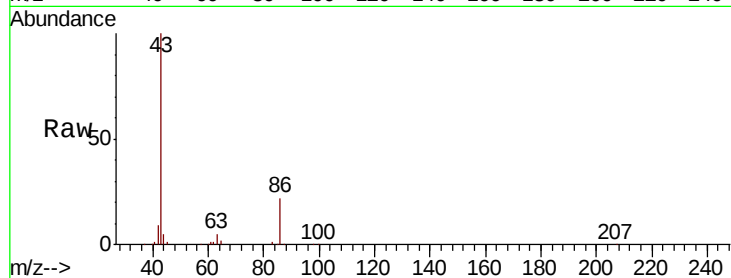
VSTDIC005

Tot Ion: 43 Resp: 103440

Ion Ratio Lower Upper

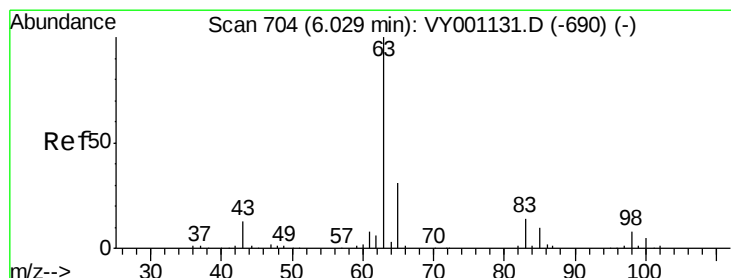
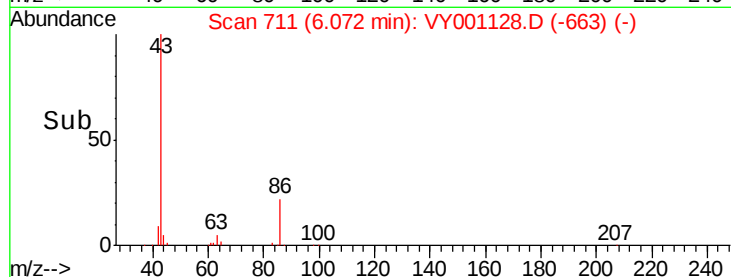
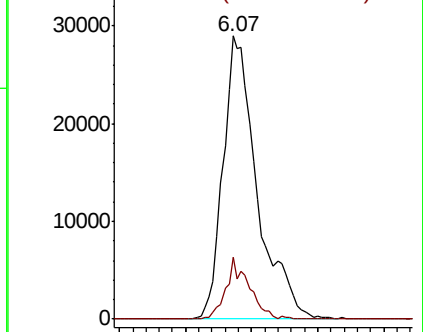
43 100

86 21.8 12.6 18.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 3.179 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

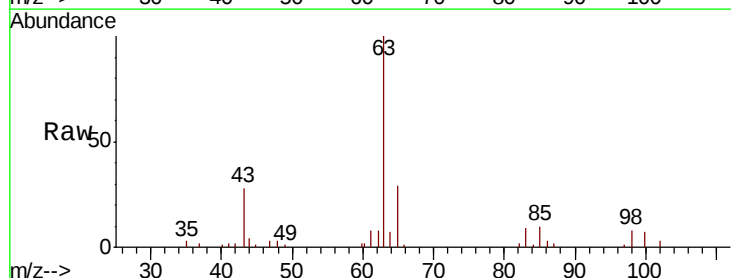
Tgt Ion: 63 Resp: 23500

Ion Ratio Lower Upper

63 100

98 7.7 4.1 12.3

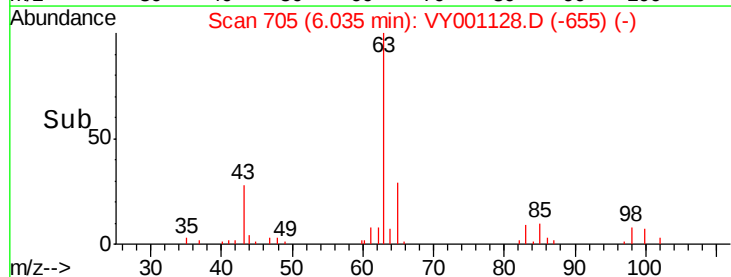
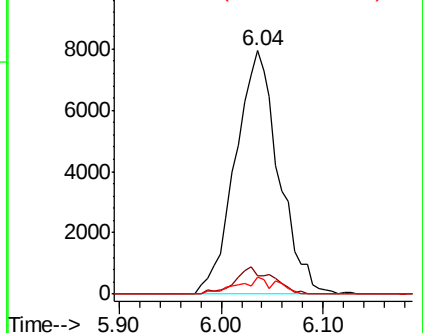
100 6.9 2.5 7.6

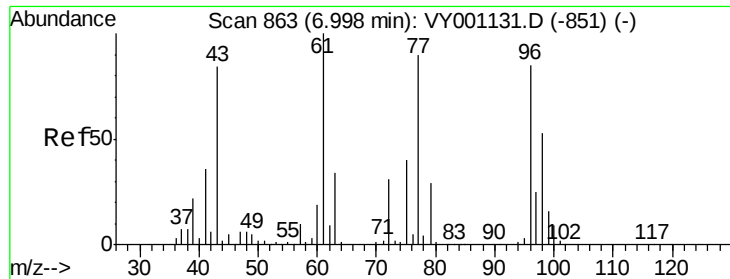


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

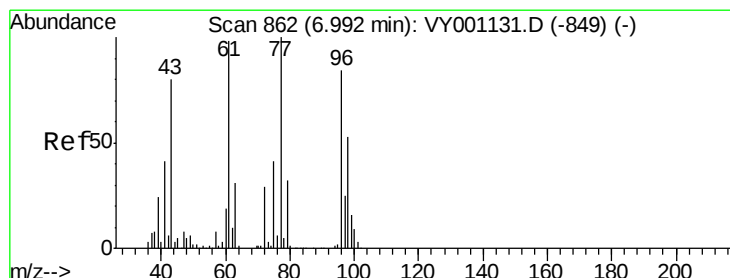
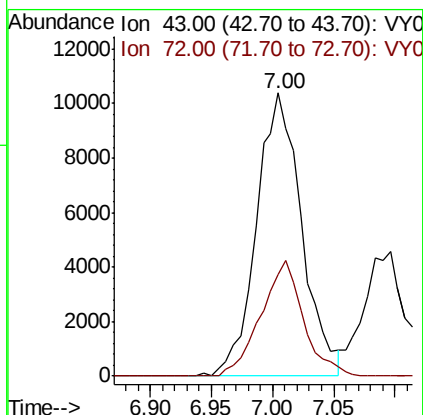
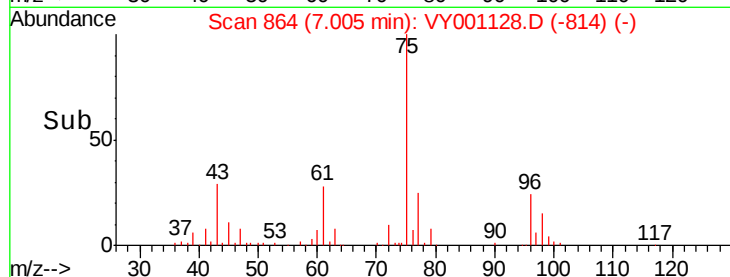
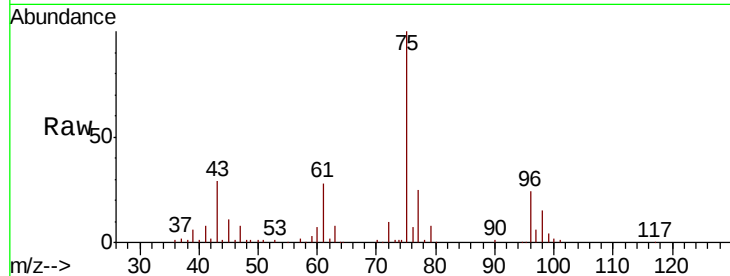




#25
2-Butanone
Concen: 19.280 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

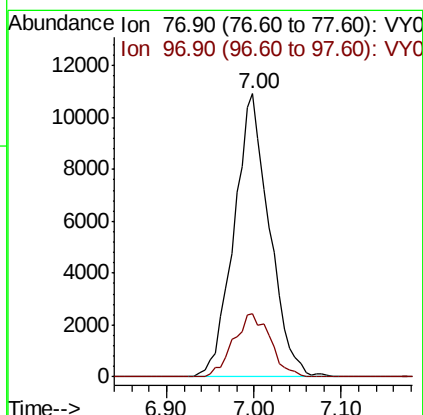
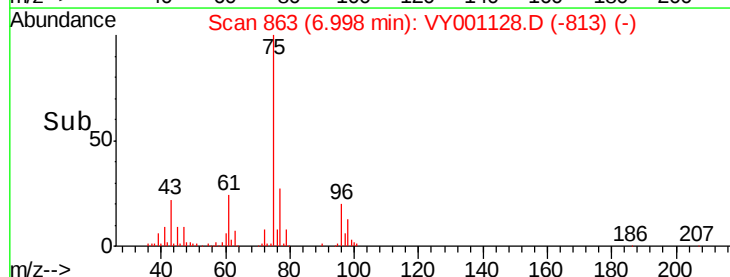
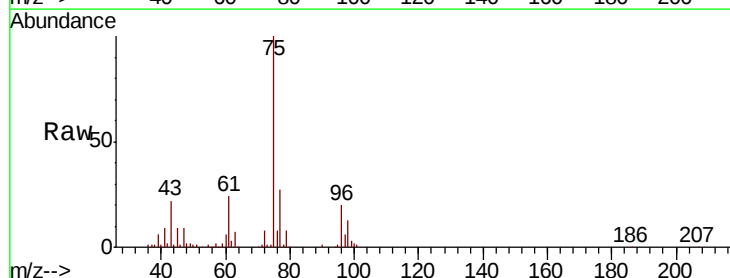
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

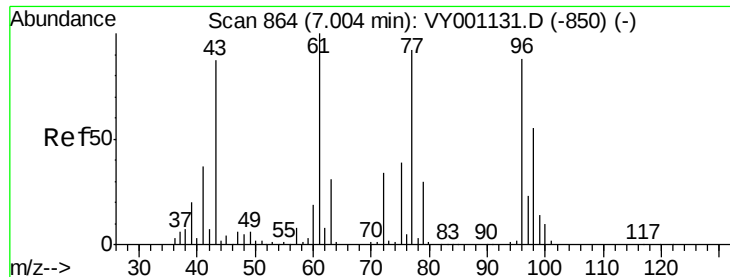
Tot Ion: 43 Resp: 26622
Ion Ratio Lower Upper
43 100
72 35.8 29.5 44.3



#26
2,2-Dichloropropane
Concen: 4.948 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 77 Resp: 30726
Ion Ratio Lower Upper
77 100
97 23.2 12.6 37.6



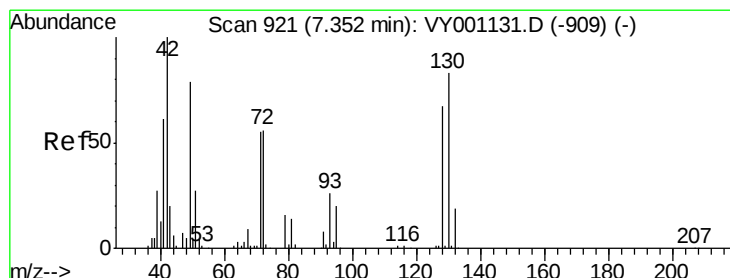
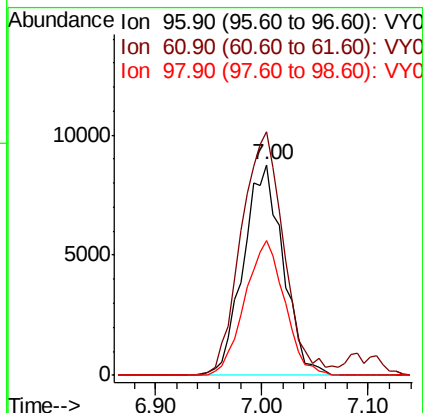
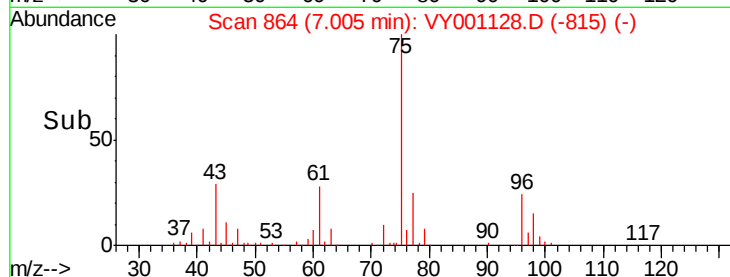
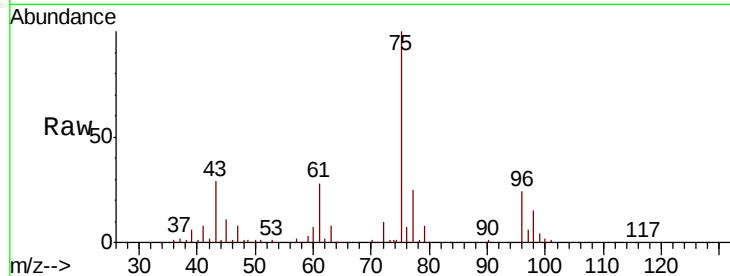


#27

cis-1,2-Dichloroethene
Concen: 4.611 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

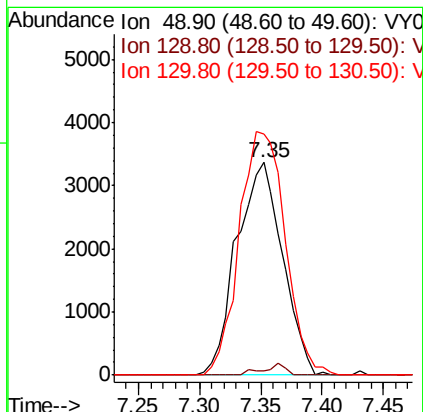
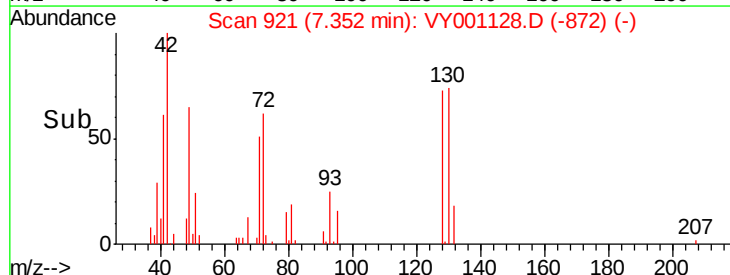
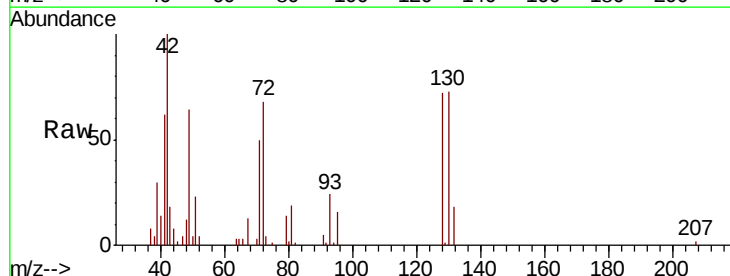
Tot Ion: 96 Resp: 22906
Ion Ratio Lower Upper
96 100
61 124.7 0.0 235.0
98 64.3 0.0 127.4

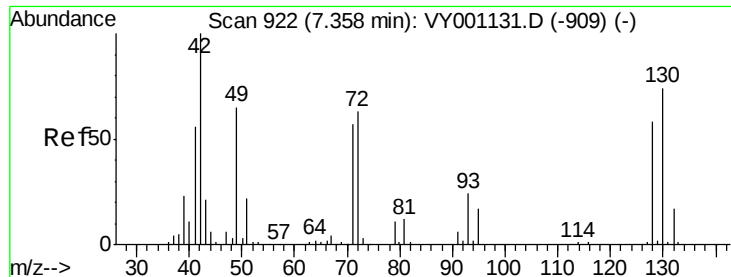


#28

Bromochloromethane
Concen: 3.122 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 49 Resp: 8787
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 114.6 86.9 130.3





#29

Tetrahydrofuran

Concen: 17.155 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

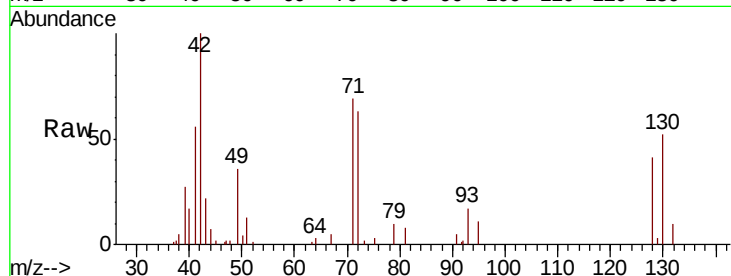
Tot Ion: 42 Resp: 16761

Ion Ratio Lower Upper

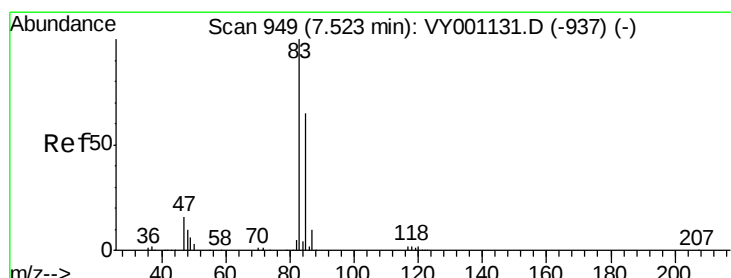
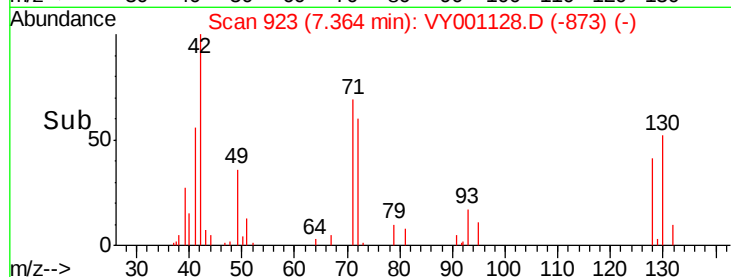
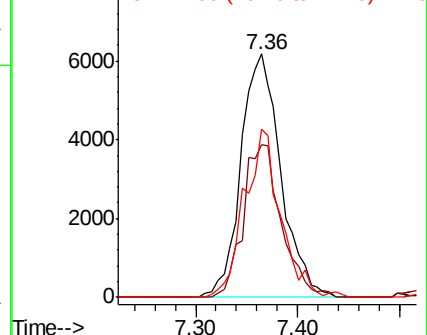
42 100

72 60.0 49.0 73.6

71 62.1 45.3 67.9



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



#30

Chloroform

Concen: 4.679 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY001128.D

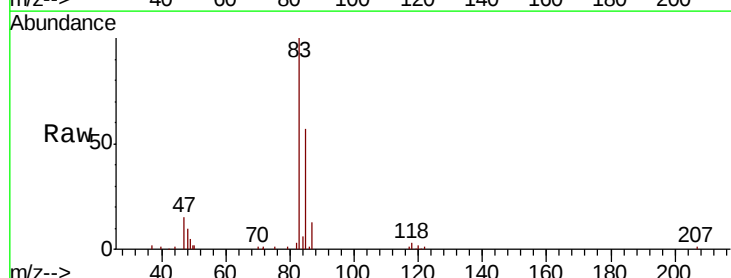
Acq: 02 Jan 2020 10:42

Tgt Ion: 83 Resp: 33219

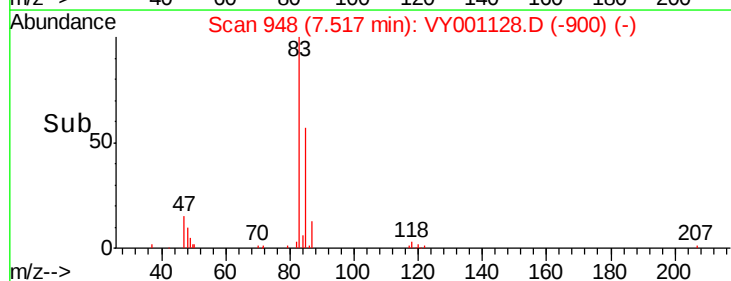
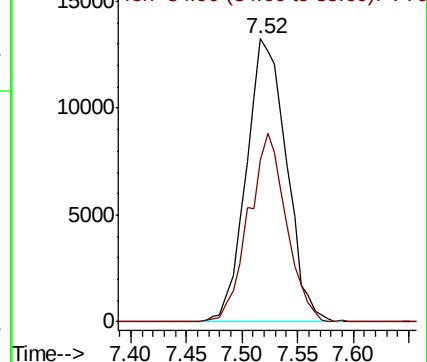
Ion Ratio Lower Upper

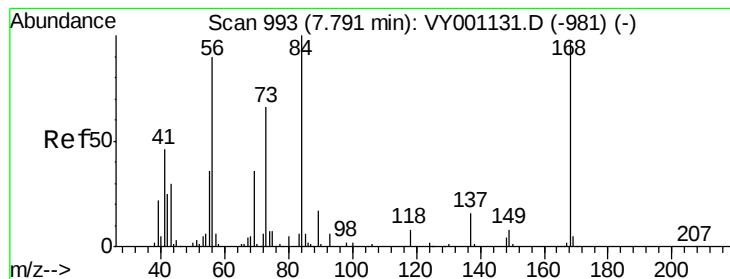
83 100

85 57.1 52.0 78.0



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





#31

Cyclohexane

Concen: 4.418 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

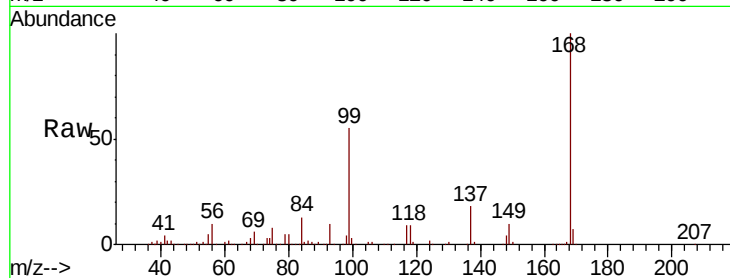
Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 56 Resp: 34308

Ion	Ratio	Lower	Upper
56	100		
69	62.2	32.0	48.0#
84	126.3	89.1	133.7

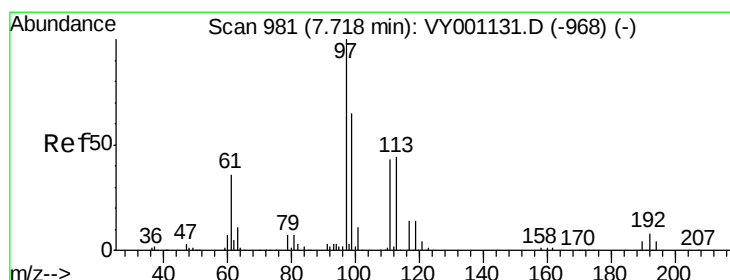
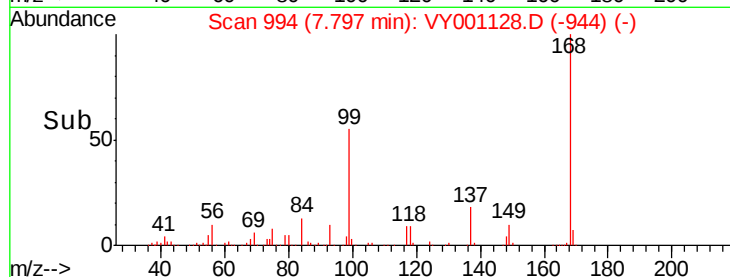
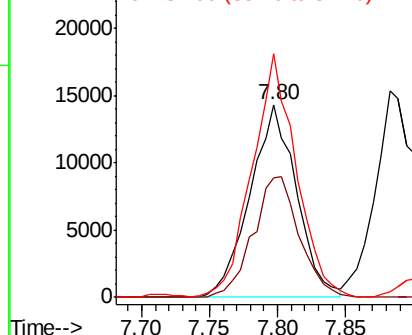


Abundance

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: 5.119 ug/l

RT: 7.71 min Scan# 980

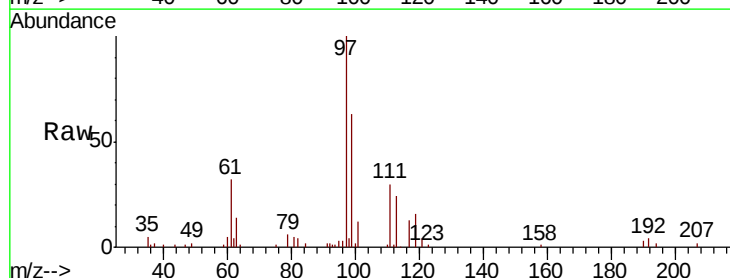
Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Tgt Ion: 97 Resp: 31584

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	34.4	29.2	43.8

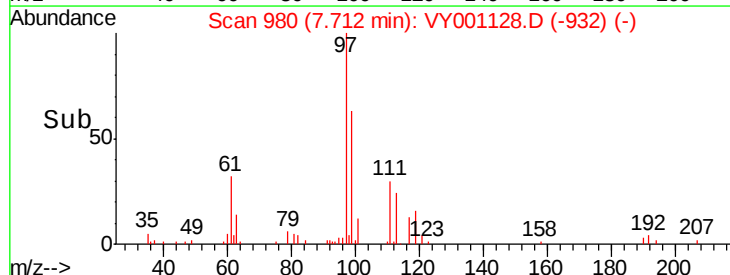
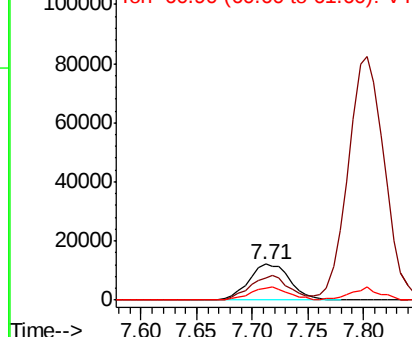


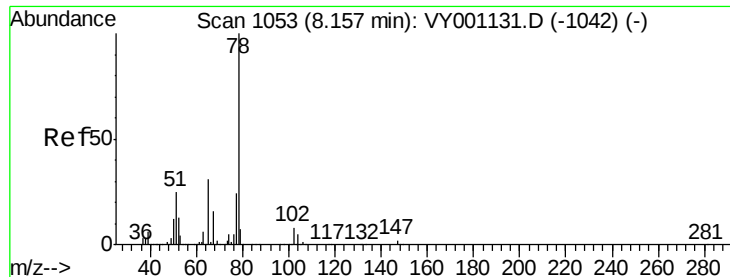
Abundance

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: 4.602 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

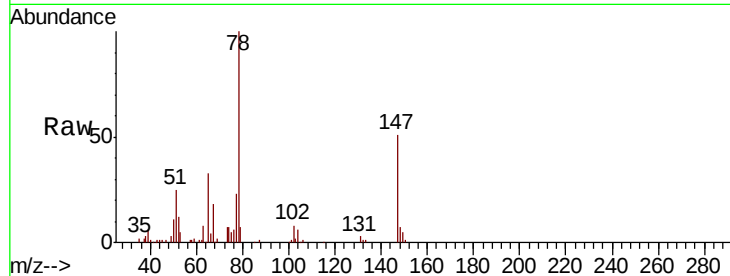
VSTDIC005

Tot Ion: 65 Resp: 16174

Ion Ratio Lower Upper

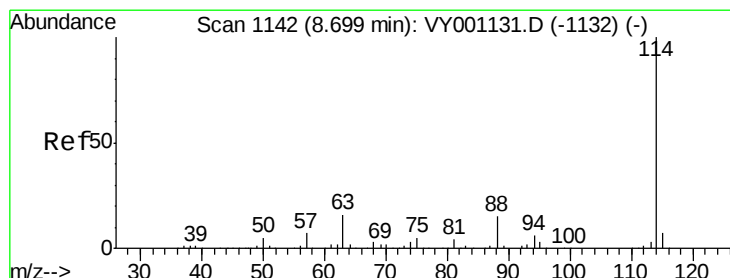
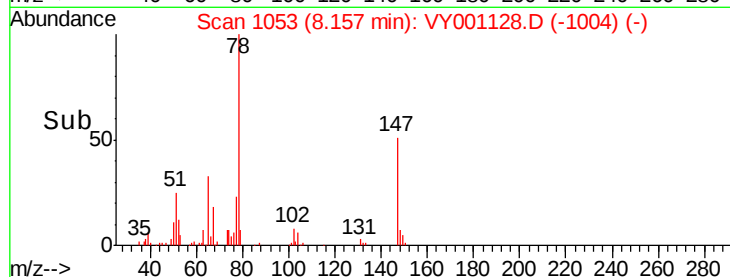
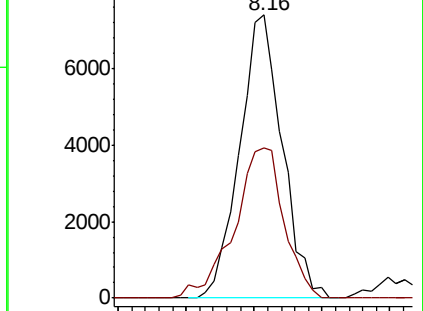
65 100

67 61.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

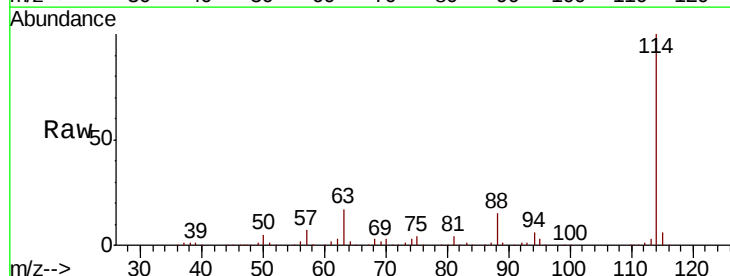
Tgt Ion: 114 Resp: 585697

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.0

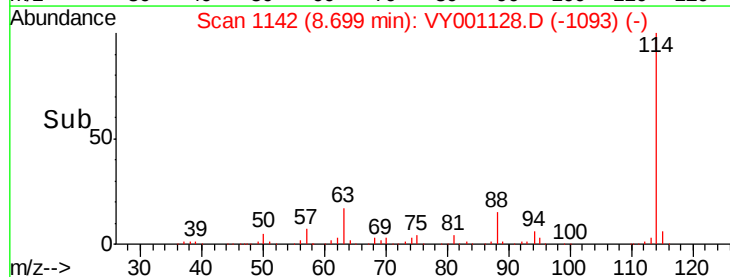
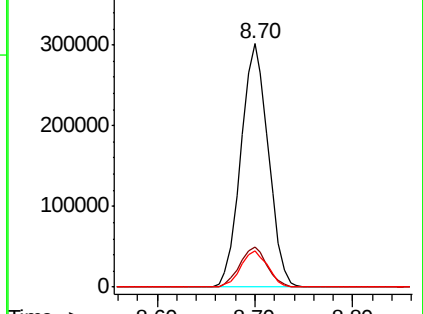
88 14.7 0.0 30.0

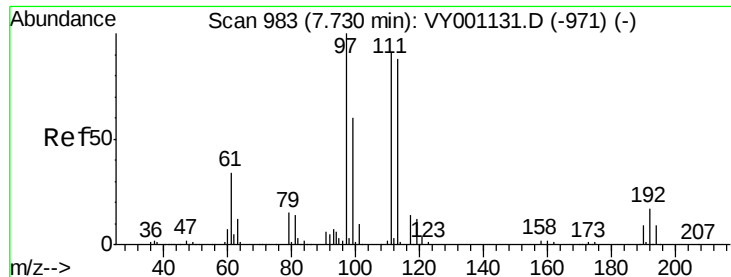


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

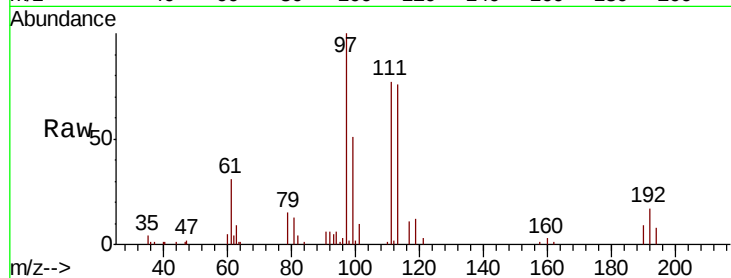




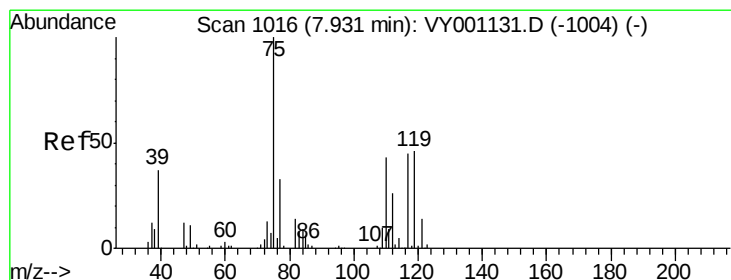
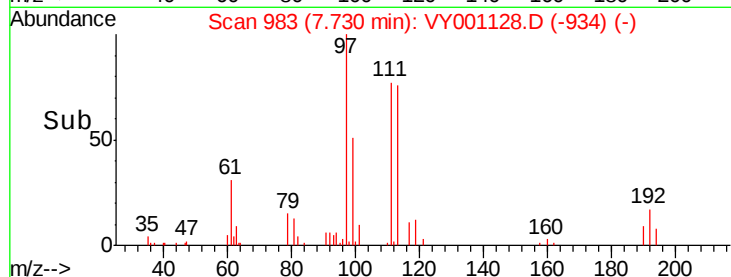
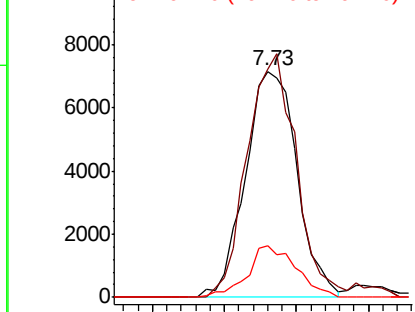
#35
 Dibromofluoromethane
 Concen: 5.141 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:113 Resp: 17790
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.4
 192 21.6 16.4 24.6

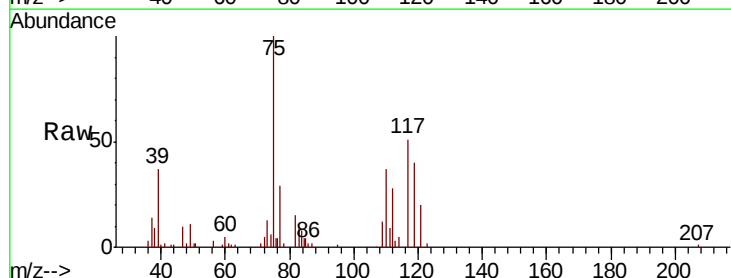


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

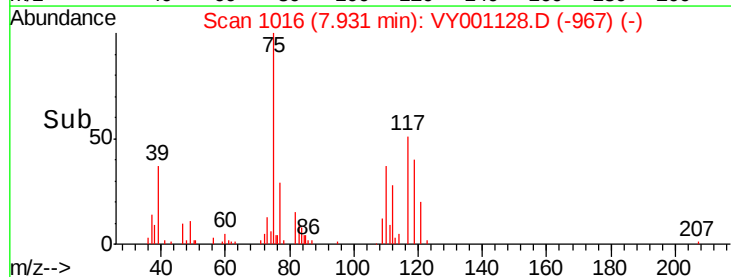
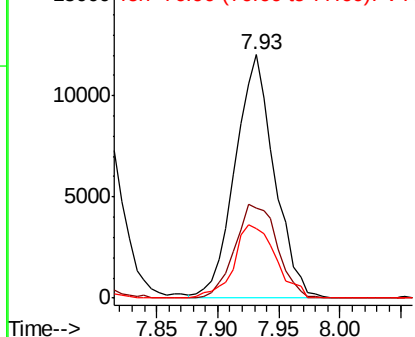


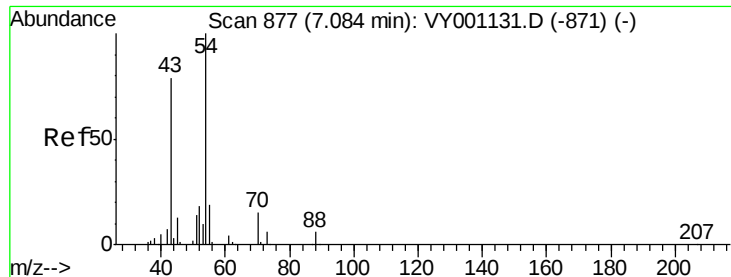
#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 75 Resp: 26757
 Ion Ratio Lower Upper
 75 100
 110 41.6 20.6 61.8
 77 32.0 25.7 38.5



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

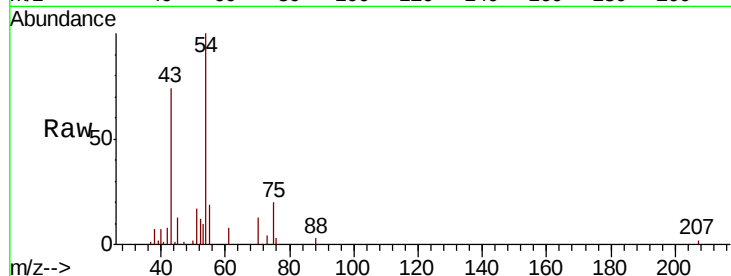




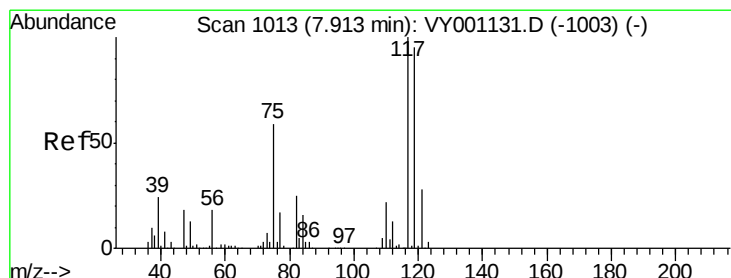
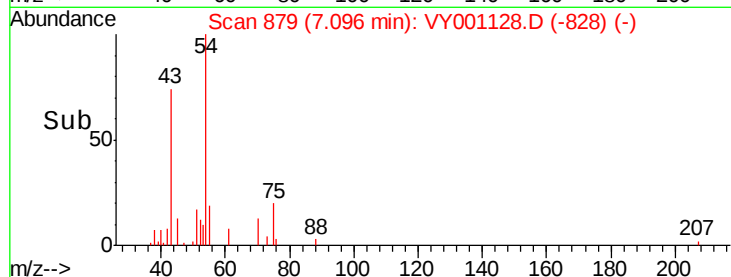
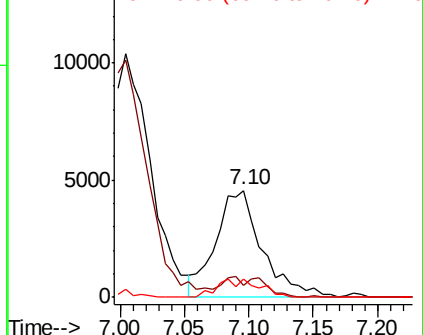
#37
Ethyl Acetate
Concen: 3.867 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6
70	7.3	11.5	17.3

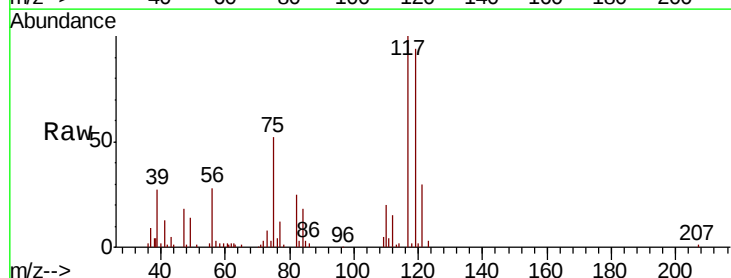


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

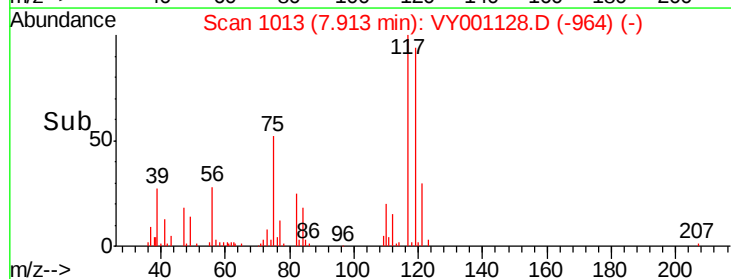
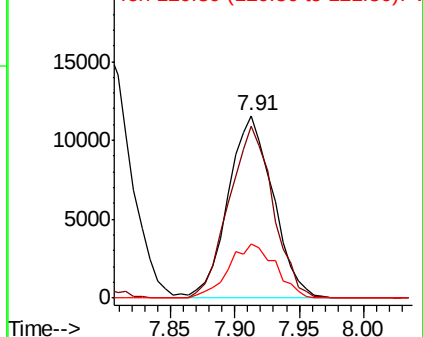


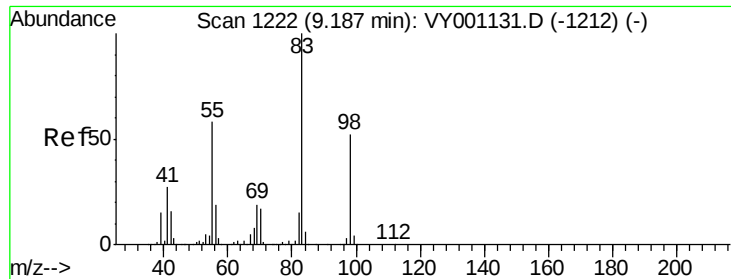
#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
121	29.9	22.5	33.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

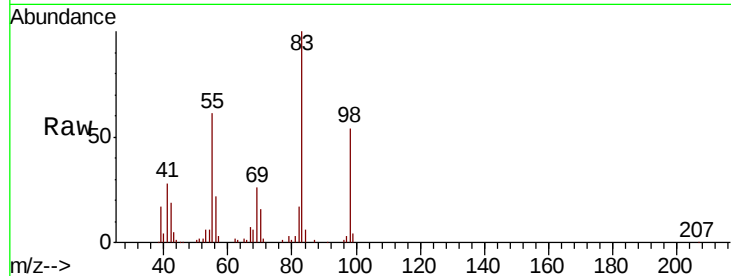




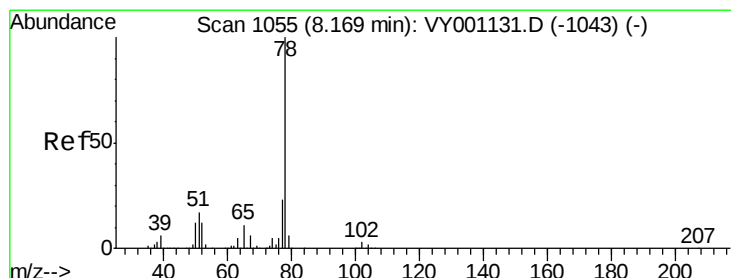
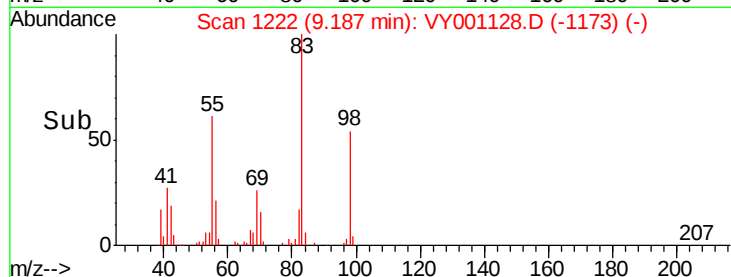
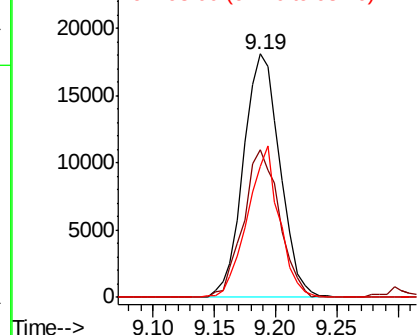
#39
Methvlcvclohexane
Concen: 5.039 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 37566
Ion Ratio Lower Upper
83 100
55 60.7 46.4 69.6
98 53.9 41.5 62.3

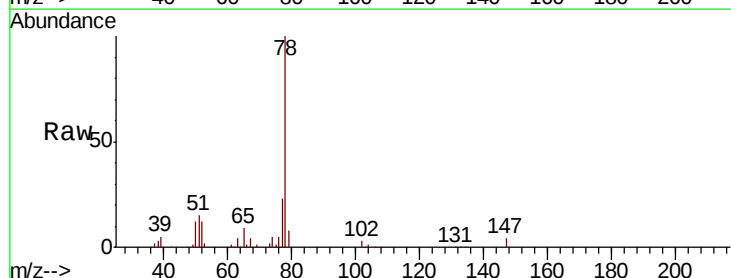


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

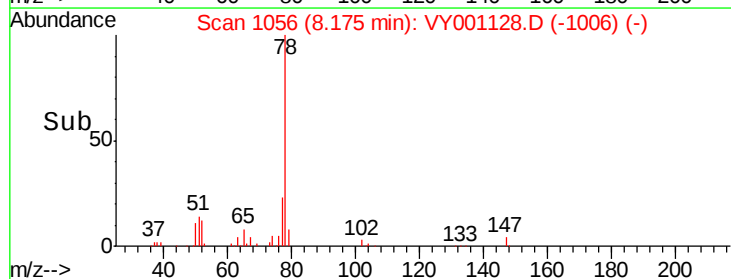
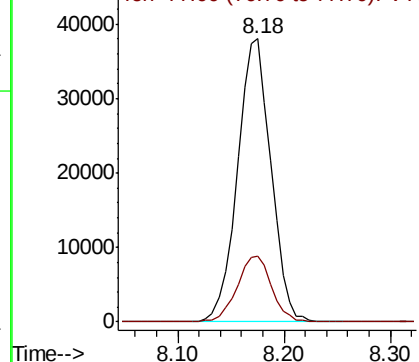


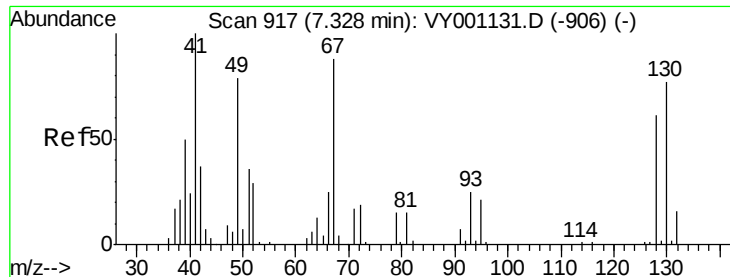
#40
Benzene
Concen: 4.967 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 78 Resp: 83854
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



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

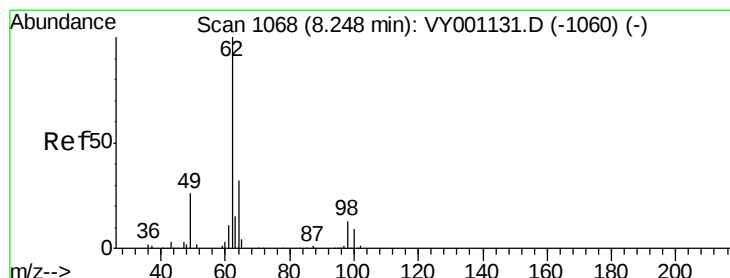
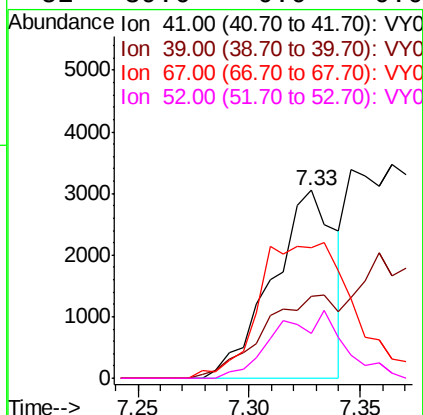
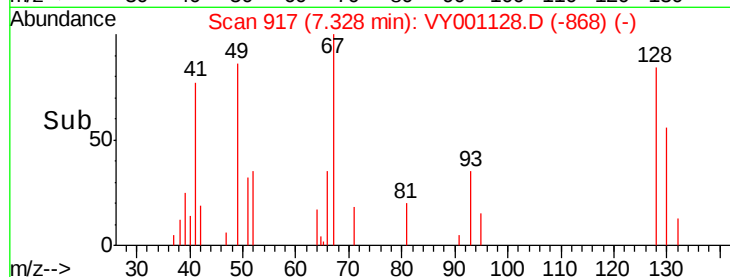
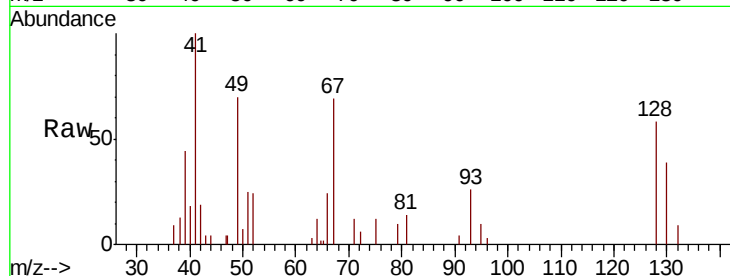




#41
Methacrylonitrile
Concen: 4.796 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

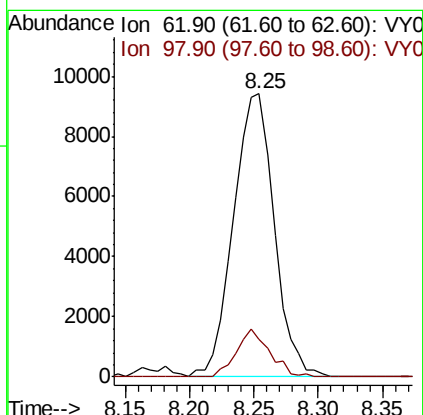
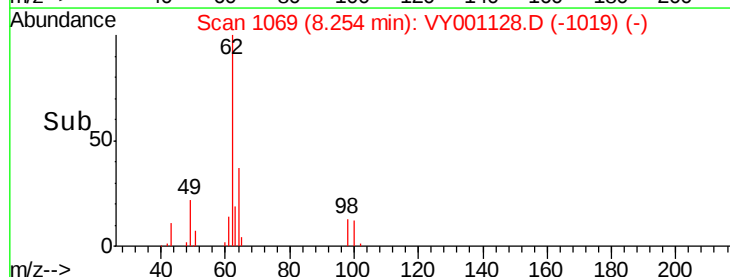
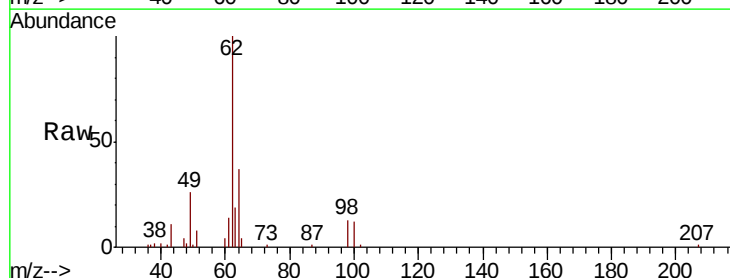
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

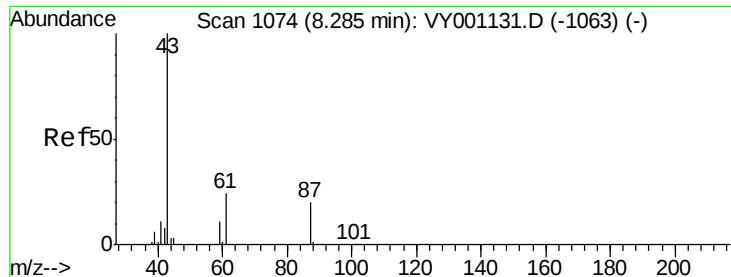
Tot Ion: 41 Resp: 5974
Ion Ratio Lower Upper
41 100
39 51.8 122.9 184.3#
67 110.4 0.0 0.0#
52 39.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 5.147 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 62 Resp: 20640
Ion Ratio Lower Upper
62 100
98 13.8 0.0 24.4





#43

Isopropyl Acetate

Concen: 3.920 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

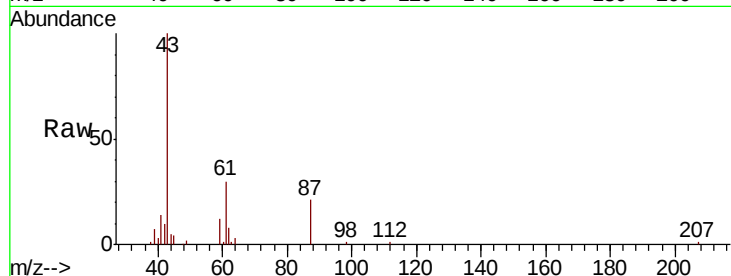
Tot Ion: 43 Resp: 21559

Ion Ratio Lower Upper

43 100

61 37.1 29.1 43.7

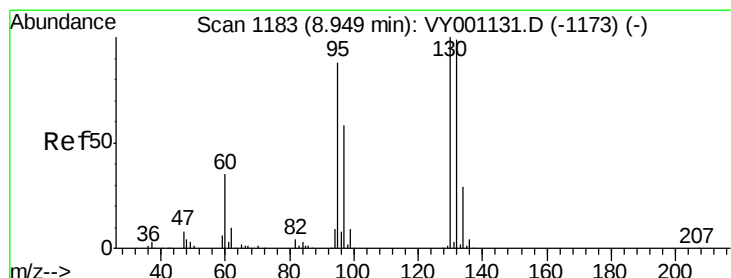
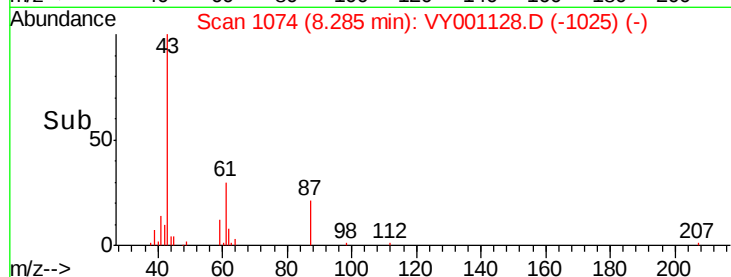
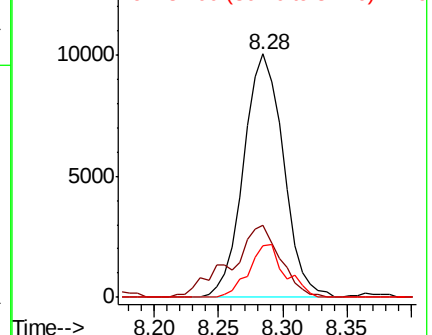
87 19.5 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VY001131.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001131.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001131.D (-1063) (-)



#44

Trichloroethene

Concen: 5.652 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY001128.D

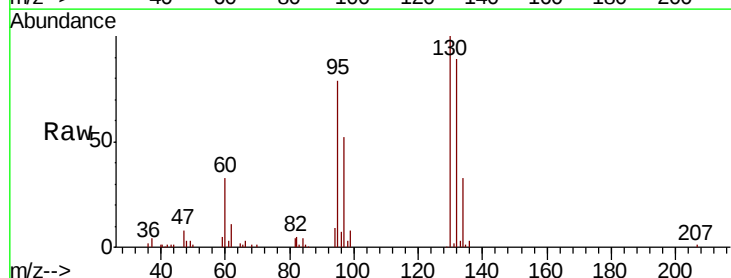
Acq: 02 Jan 2020 10:42

Tgt Ion: 130 Resp: 25652

Ion Ratio Lower Upper

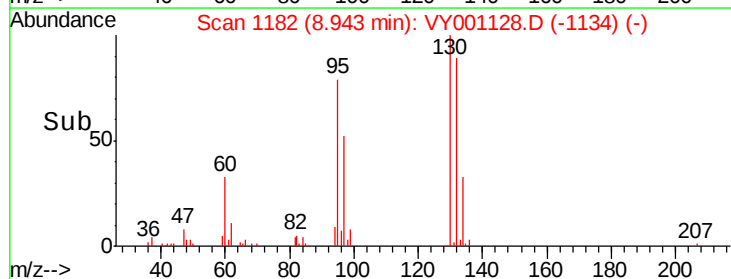
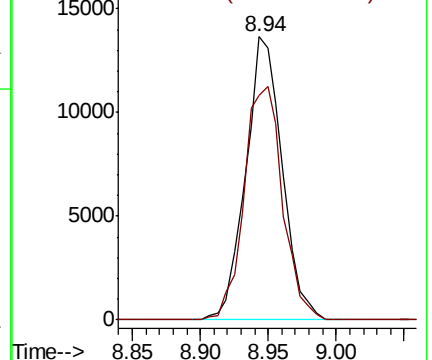
130 100

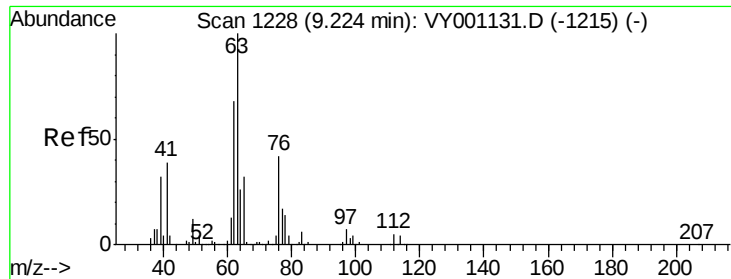
95 79.1 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VY001131.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY001131.D (-1173) (-)

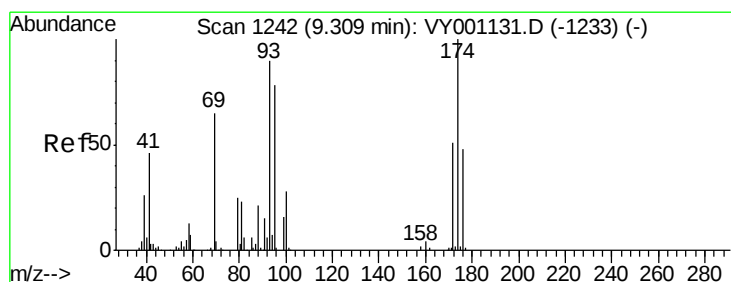
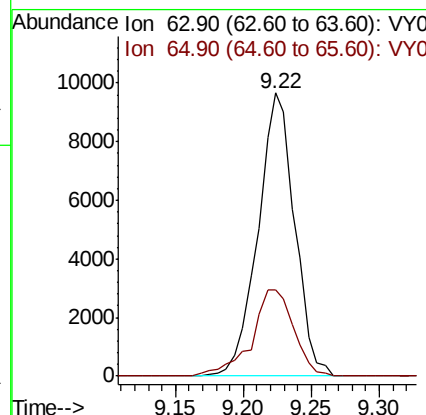
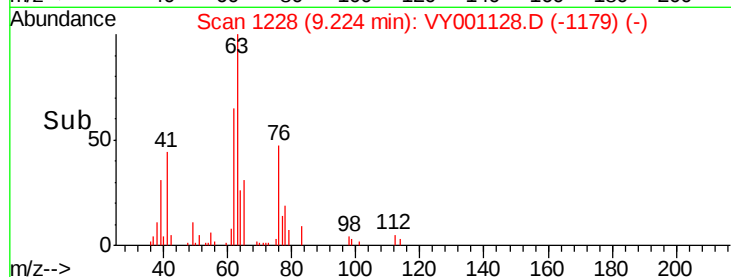
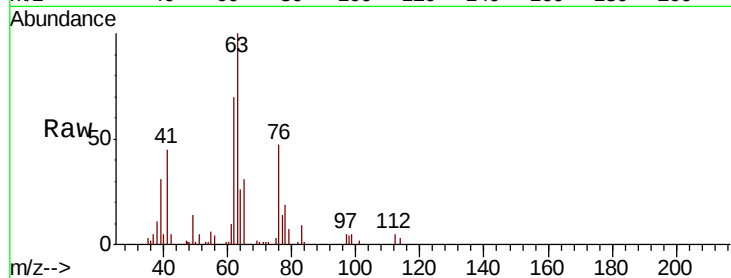




#45
 1,2-Dichloropropane
 Concen: 4.405 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

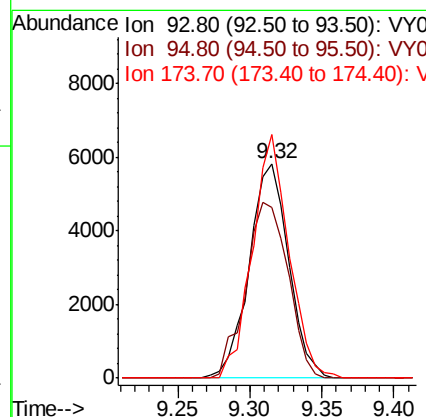
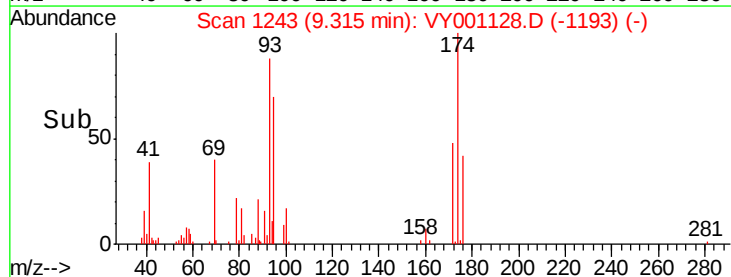
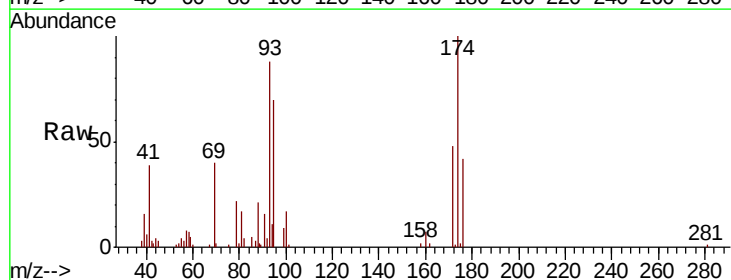
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

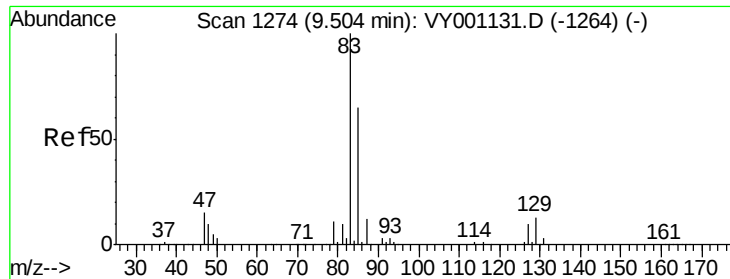
Tot Ion: 63 Resp: 18259
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.6 38.4



#46
 Dibromomethane
 Concen: 5.095 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 93 Resp: 11019
 Ion Ratio Lower Upper
 93 100
 95 88.0 68.7 103.1
 174 105.2 88.0 132.0





#47

Bromodichloromethane

Concen: 4.689 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

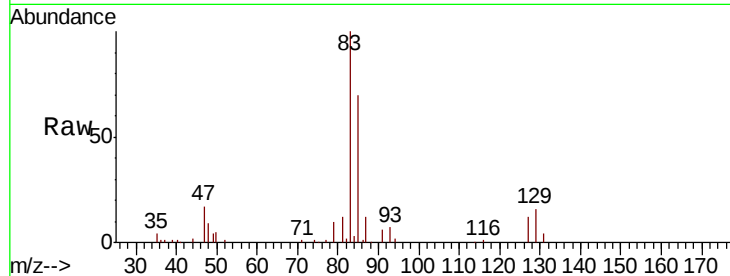
Tot Ion: 83 Resp: 23405

Ion Ratio Lower Upper

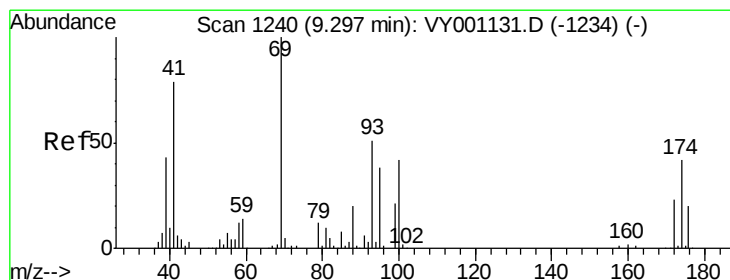
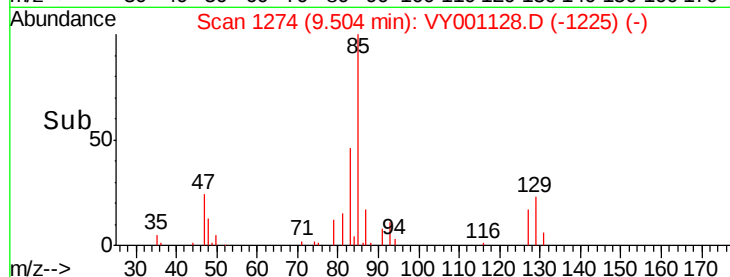
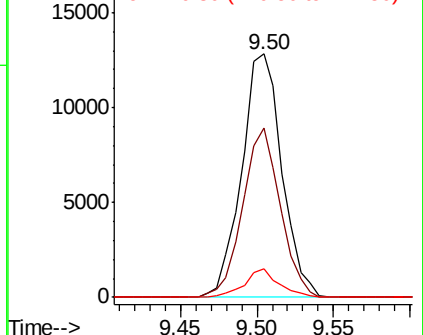
83 100

85 69.5 51.7 77.5

127 11.8 7.6 11.4#



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



#48

Methyl methacrylate

Concen: 4.063 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

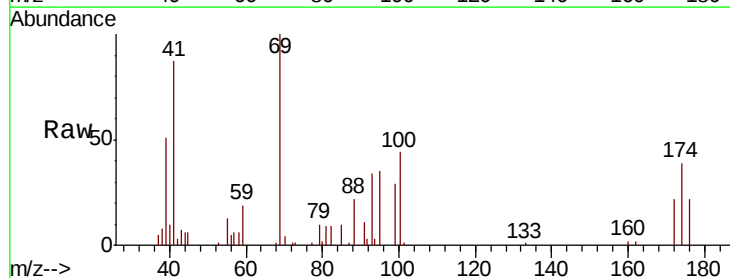
Tgt Ion: 41 Resp: 9468

Ion Ratio Lower Upper

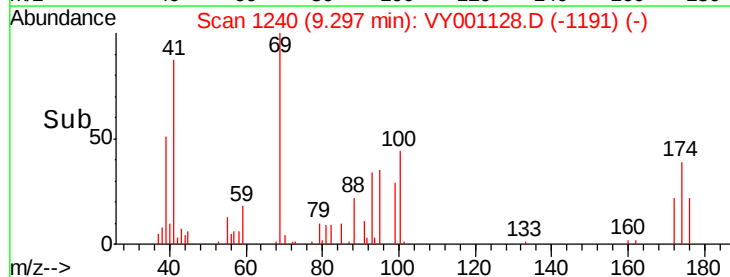
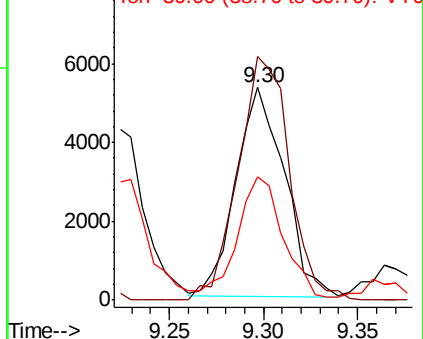
41 100

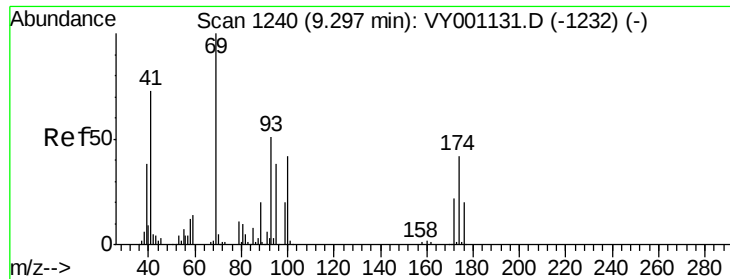
69 122.8 100.3 150.5

39 53.4 47.6 71.4



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





#49

1,4-Dioxane

Concen: 111.141 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

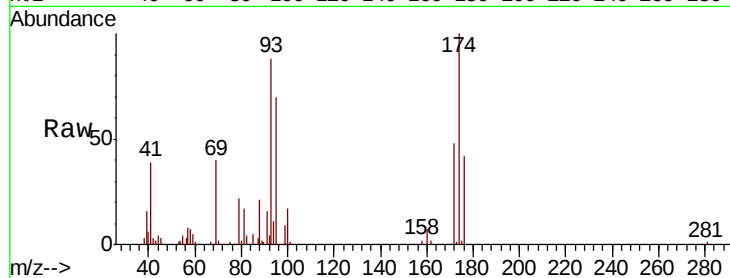
Tot Ion: 88 Resp: 3510

Ion Ratio Lower Upper

88 100

43 17.2 19.0 28.4#

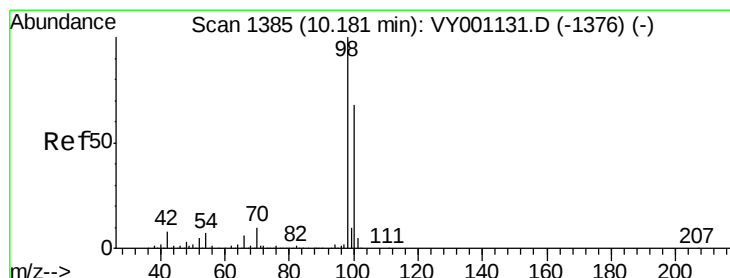
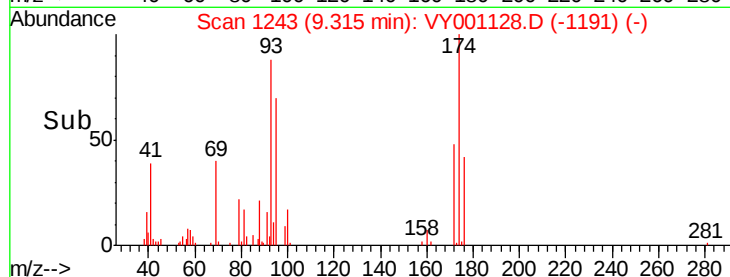
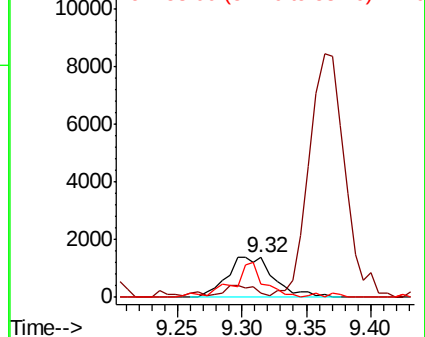
58 58.2 48.2 72.4



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: 4.986 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001128.D

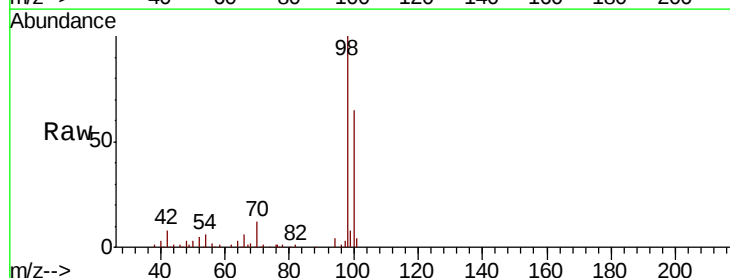
Acq: 02 Jan 2020 10:42

Tgt Ion: 98 Resp: 66044

Ion Ratio Lower Upper

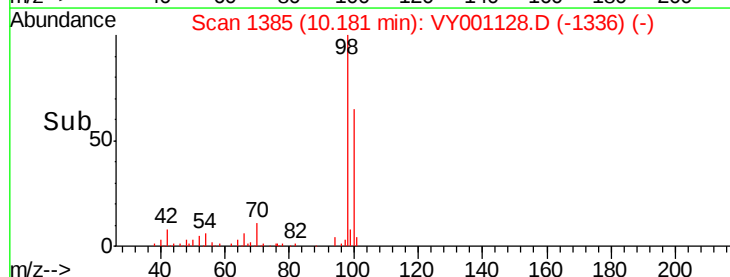
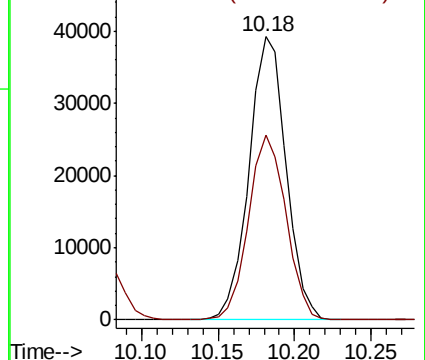
98 100

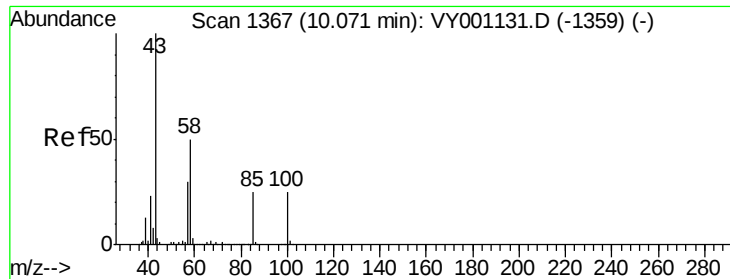
100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

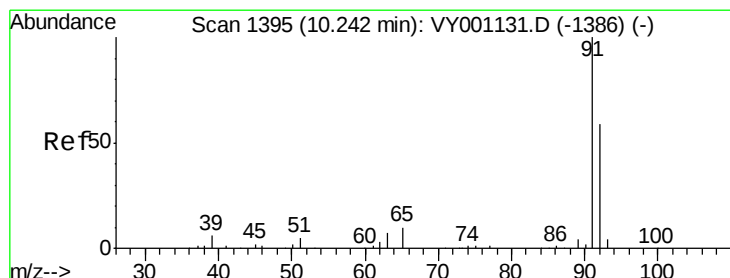
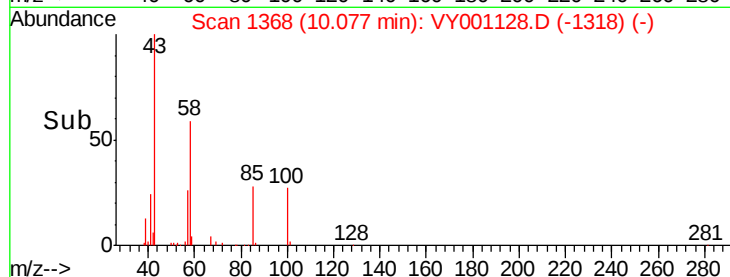
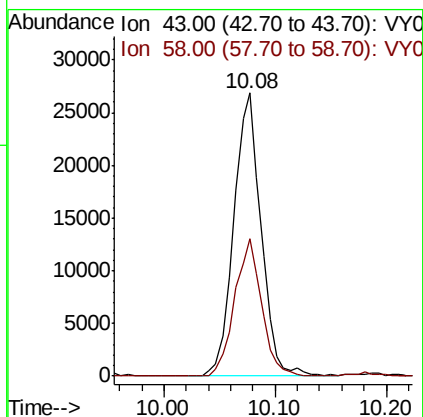
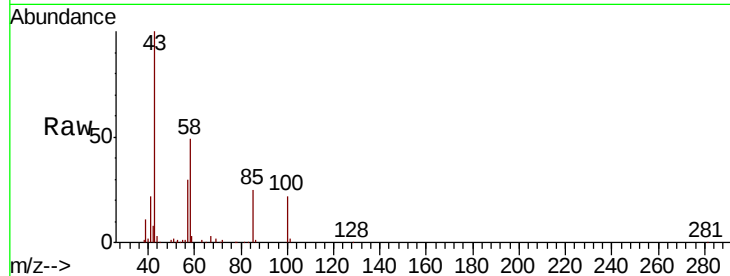




#51
4-Methyl-2-Pentanone
Concen: 16.151 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

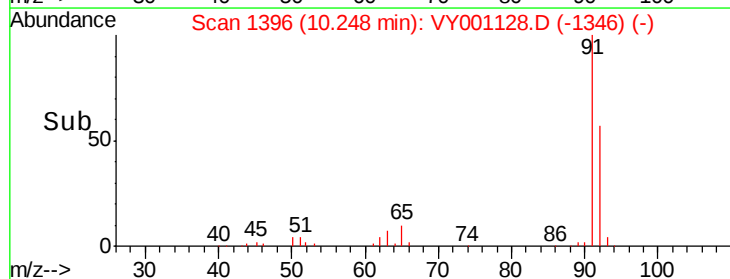
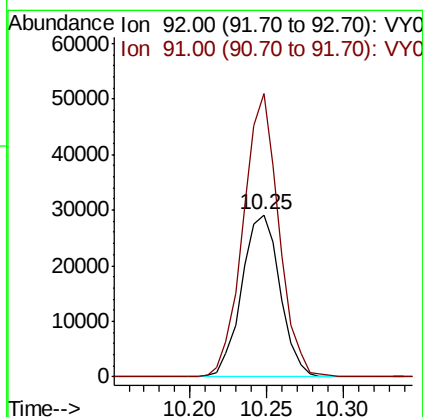
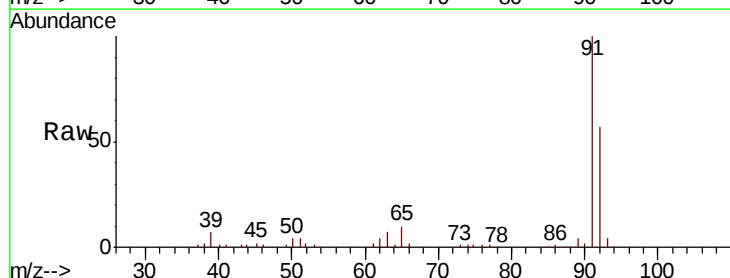
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

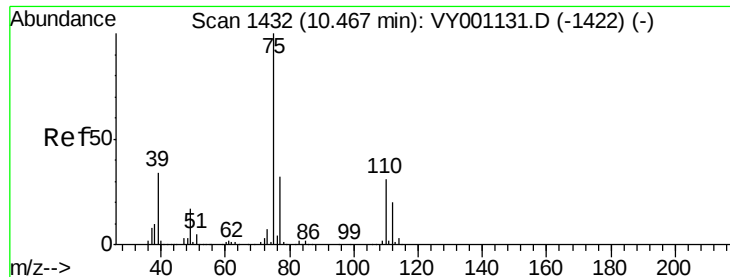
Tot Ion: 43 Resp: 45554
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7



#52
Toluene
Concen: 4.921 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 92 Resp: 50750
Ion Ratio Lower Upper
92 100
91 162.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 4.462 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

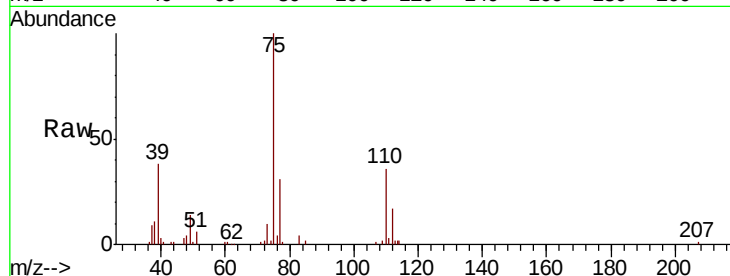
VSTDIC005

Tot Ion: 75 Resp: 24089

Ion Ratio Lower Upper

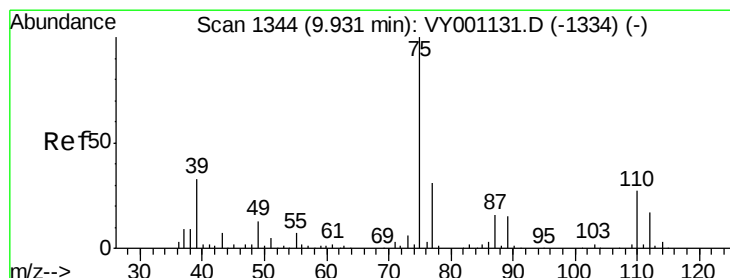
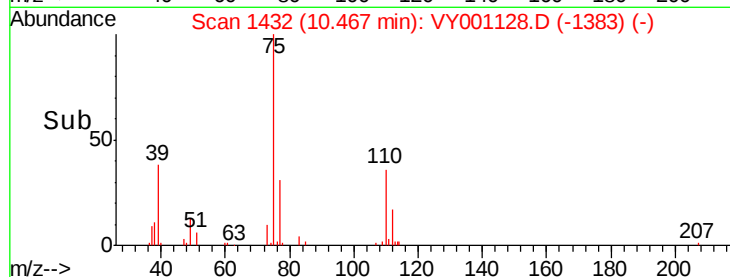
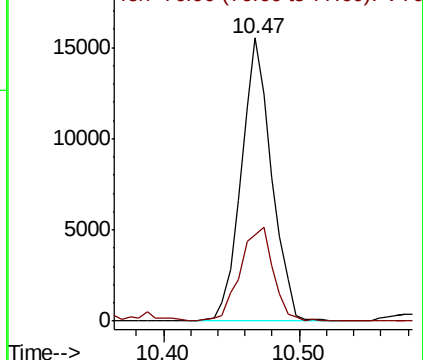
75 100

77 30.5 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 4.339 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

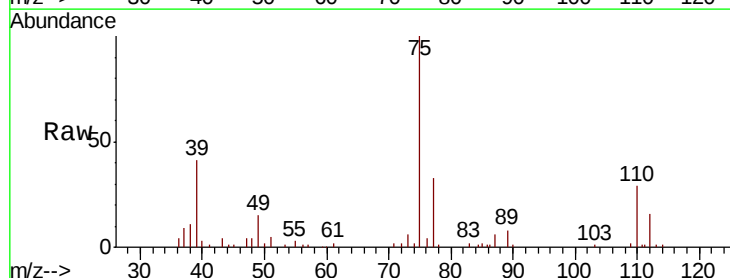
Tgt Ion: 75 Resp: 27950

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0

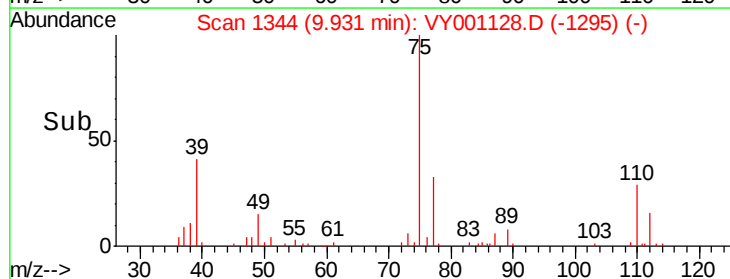
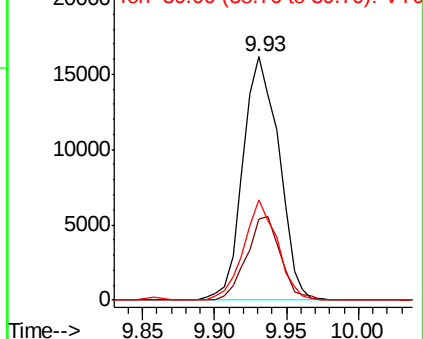
39 41.1 26.2 39.4#

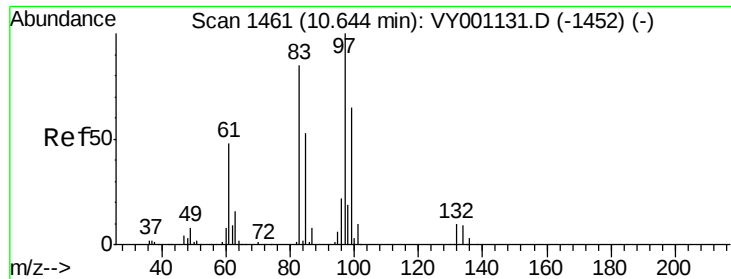


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

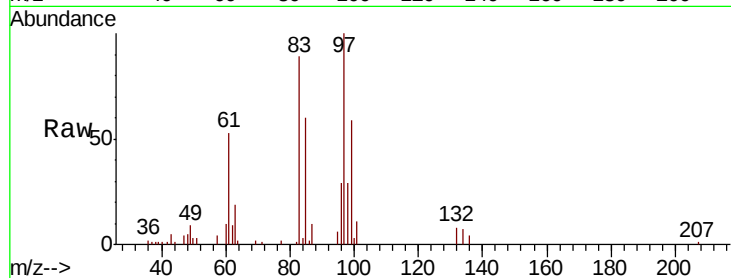




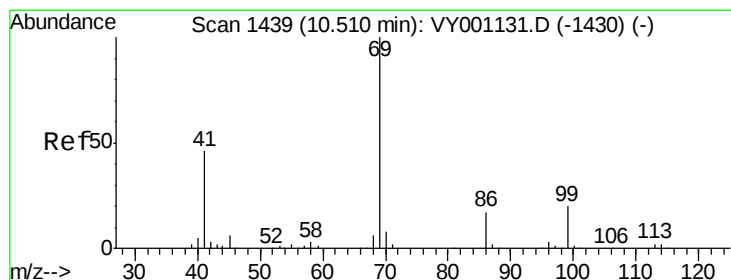
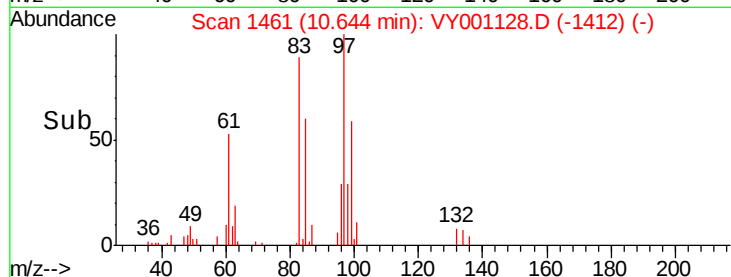
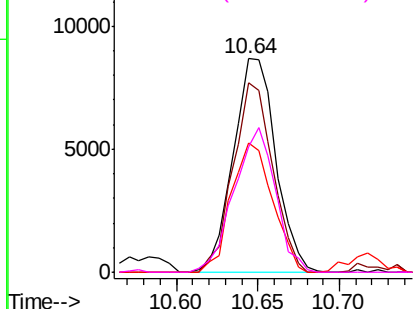
#55
 1,1,2-Trichloroethane
 Concen: 4.838 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 15755
 Ion Ratio Lower Upper
 97 100
 83 88.6 67.7 101.5
 85 60.4 42.7 64.1
 99 59.0 52.2 78.2

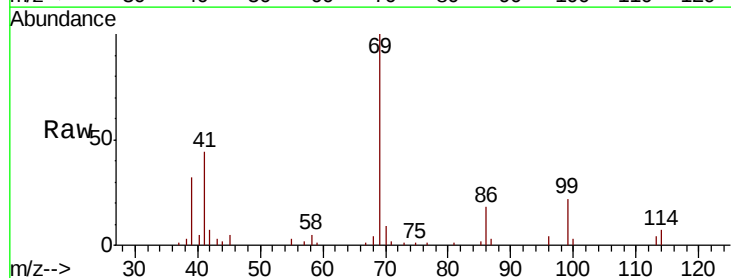


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

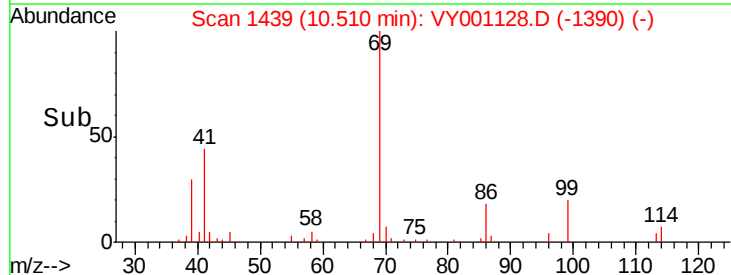
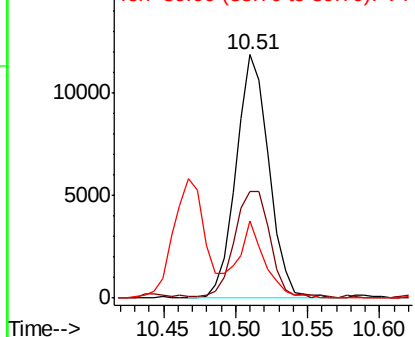


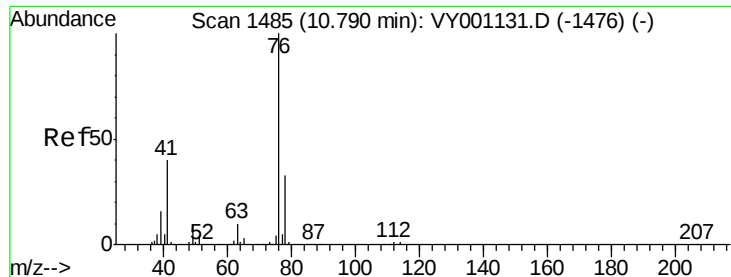
#56
 Ethyl methacrylate
 Concen: 4.142 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 69 Resp: 18803
 Ion Ratio Lower Upper
 69 100
 41 47.7 37.5 56.3
 39 24.9 19.0 28.6



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





#57

1,3-Dichloropropane

Concen: 3.676 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

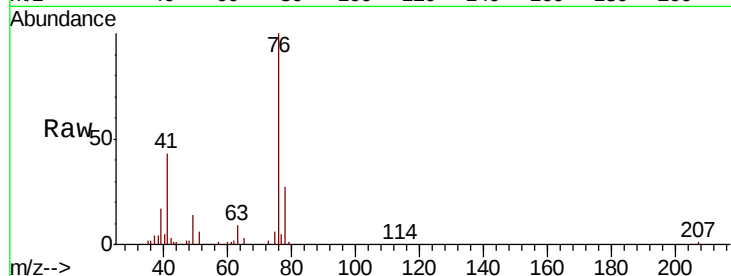
VSTDIC005

Tot Ion: 76 Resp: 20735

Ion Ratio Lower Upper

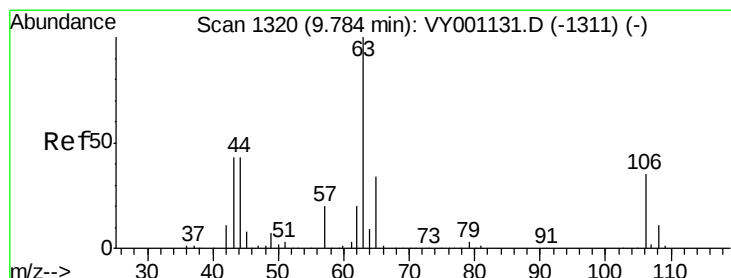
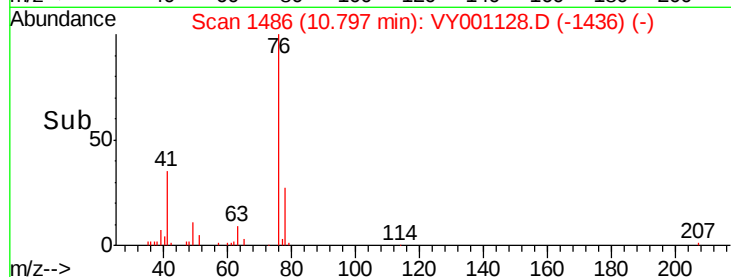
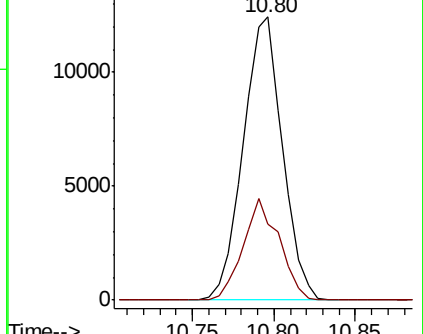
76 100

78 33.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 22.840 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY001128.D

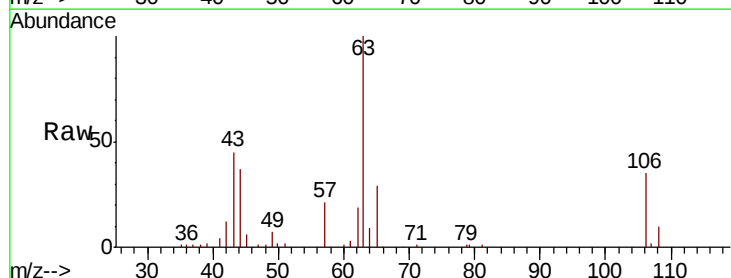
Acq: 02 Jan 2020 10:42

Tgt Ion: 63 Resp: 39705

Ion Ratio Lower Upper

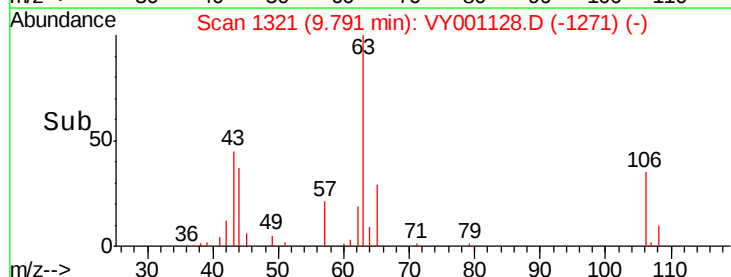
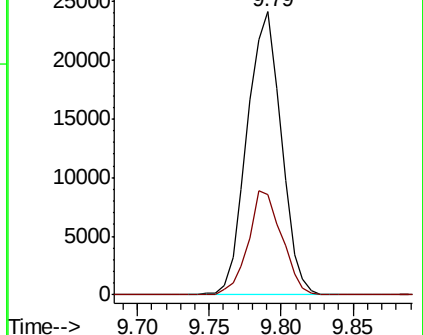
63 100

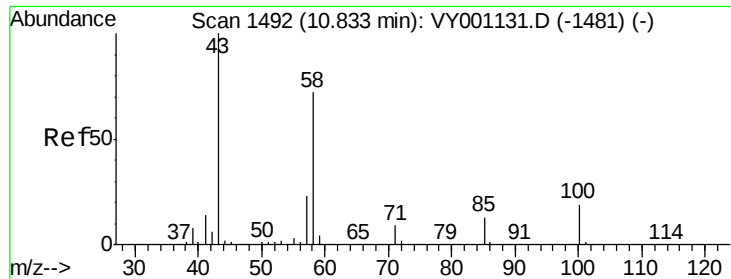
106 35.7 28.0 42.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

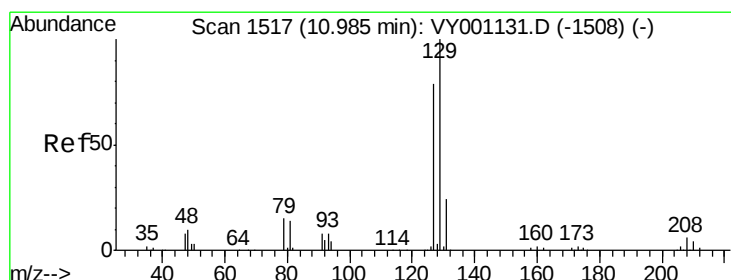
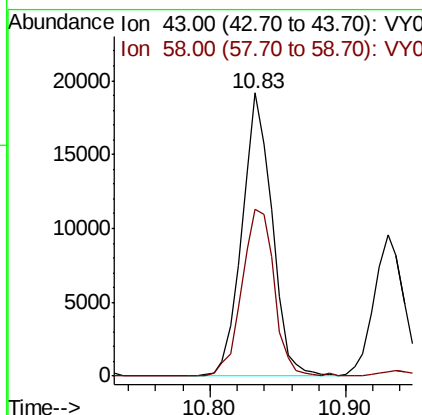
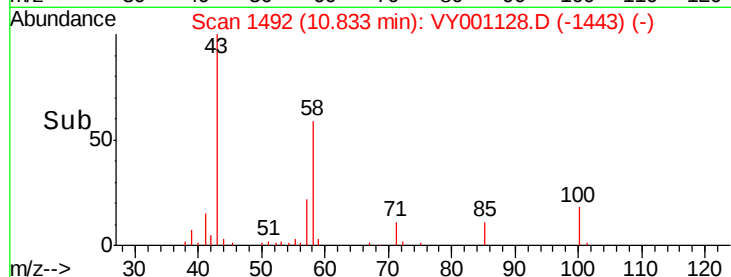
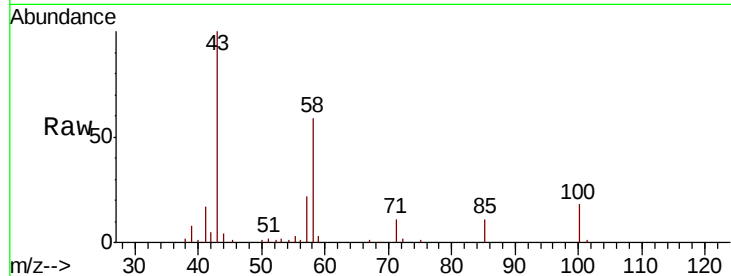




#59
2-Hexanone
Concen: 14.965 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

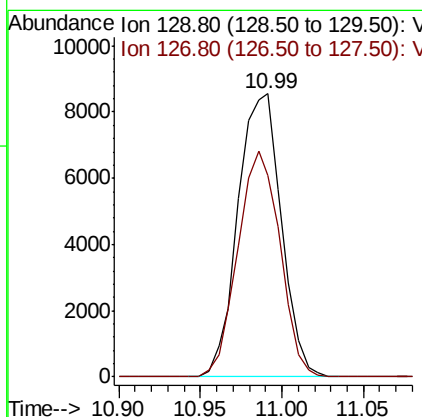
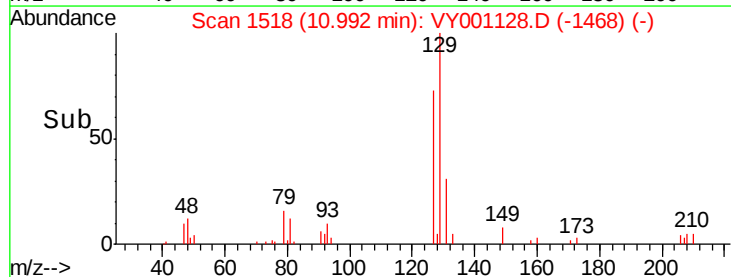
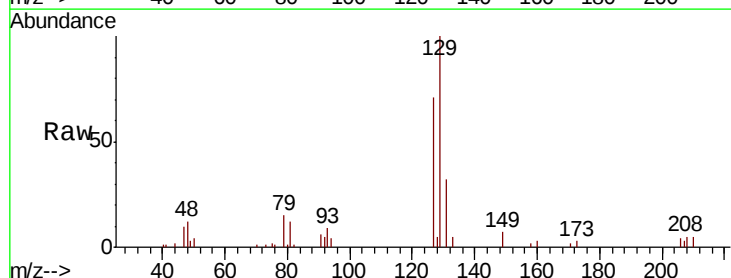
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

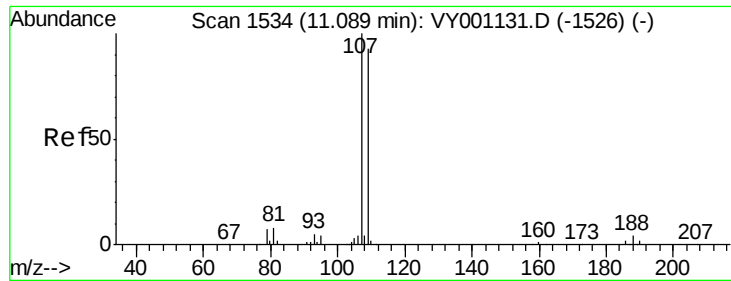
Tot Ion: 43 Resp: 29588
Ion Ratio Lower Upper
43 100
58 63.7 34.4 103.3



#60
Dibromochloromethane
Concen: 4.481 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 129 Resp: 15808
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

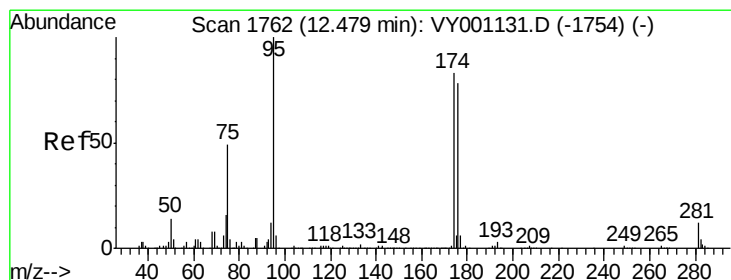
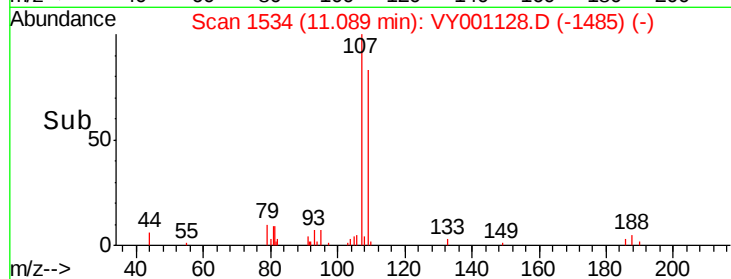
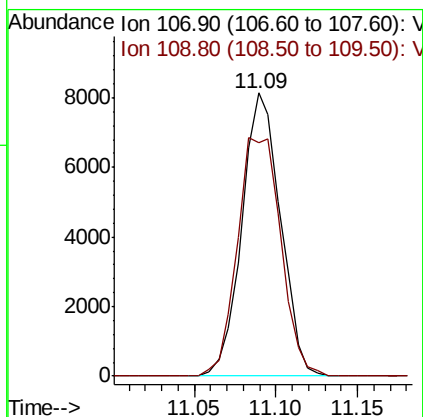
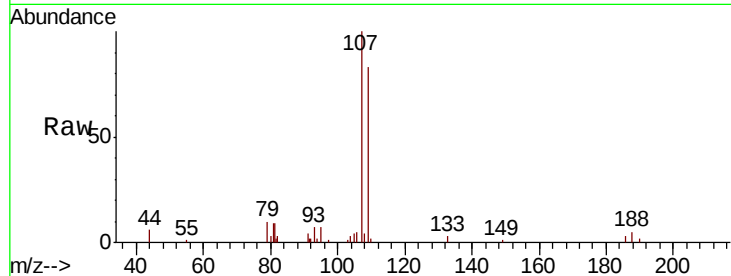




#61
 1,2-Dibromoethane
 Concen: 4.298 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

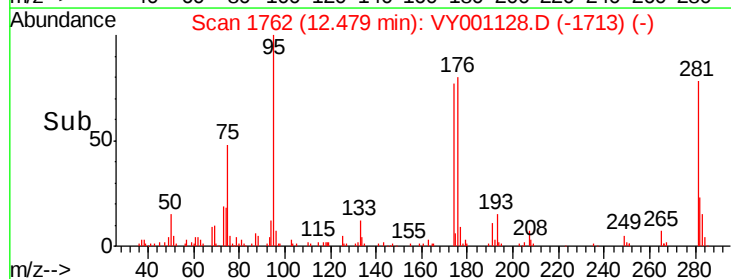
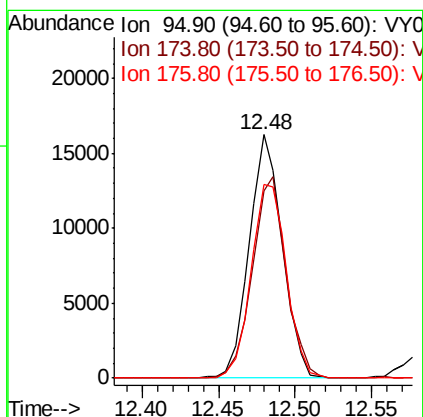
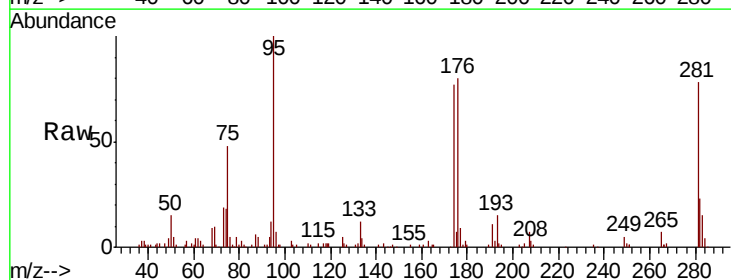
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

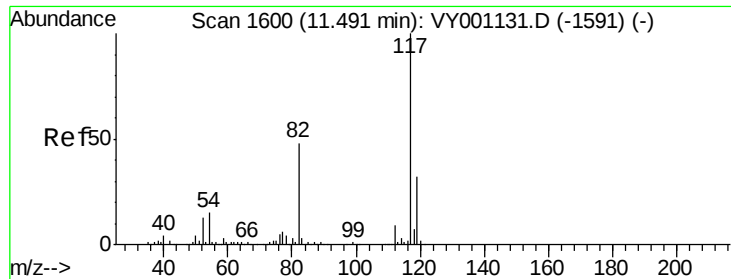
Tot Ion:107 Resp: 13437
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 4.971 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion: 95 Resp: 24415
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 171.8
 176 84.7 0.0 163.6

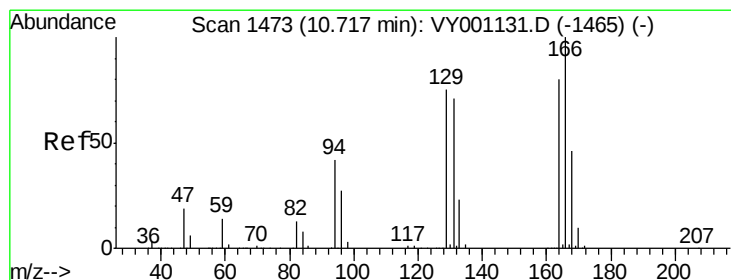
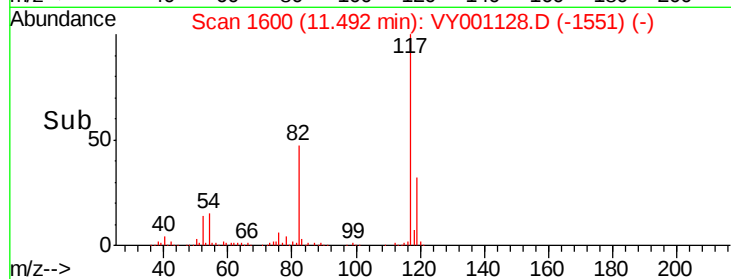
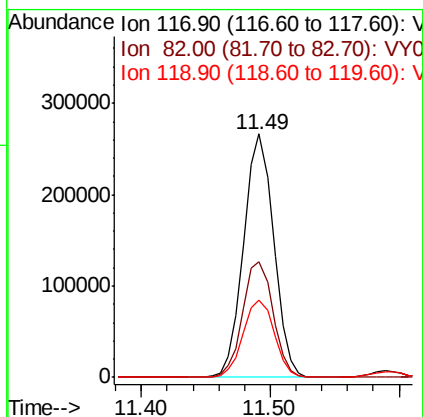
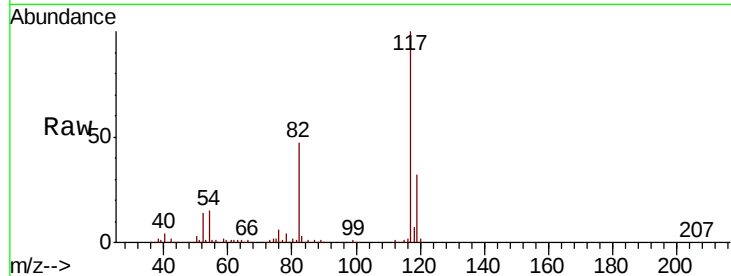




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

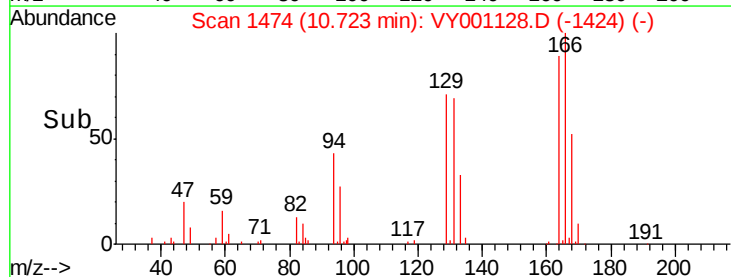
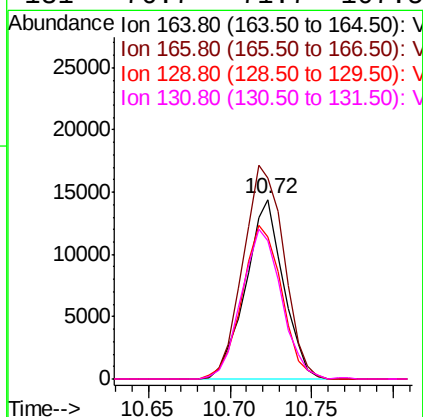
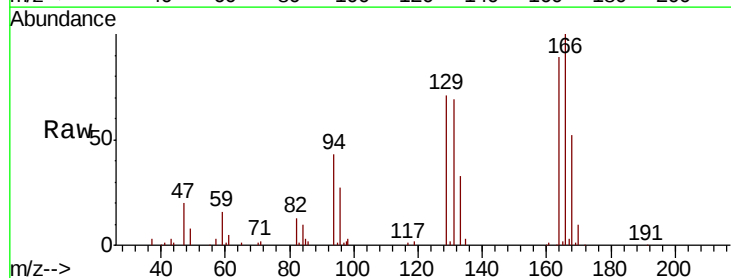
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

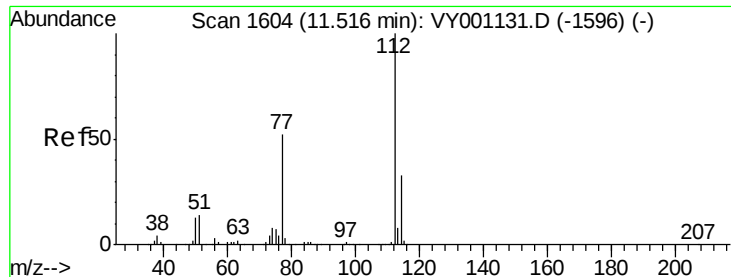
Tot Ion:117 Resp: 429695
Ion Ratio Lower Upper
117 100
82 47.3 38.5 57.7
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 6.042 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:164 Resp: 23191
Ion Ratio Lower Upper
164 100
166 111.9 100.6 151.0
129 78.9 75.0 112.4
131 76.7 71.7 107.5

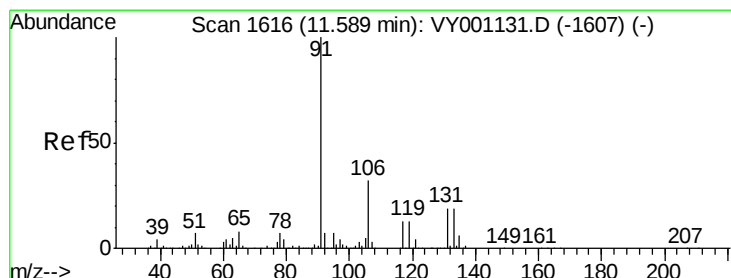
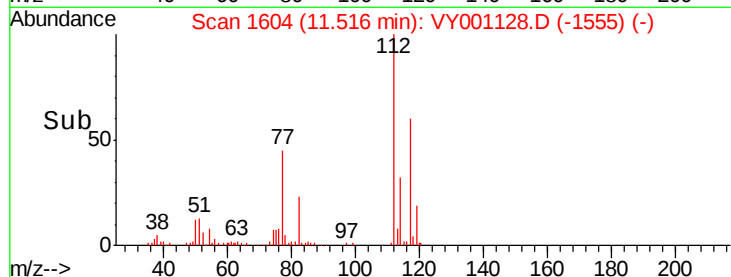
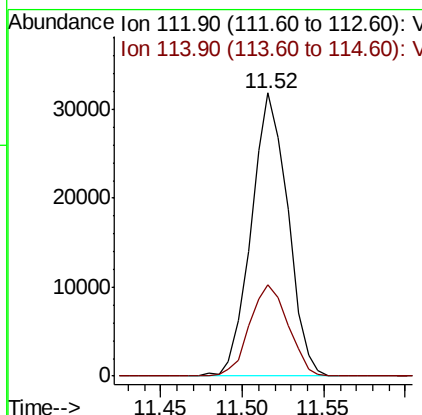
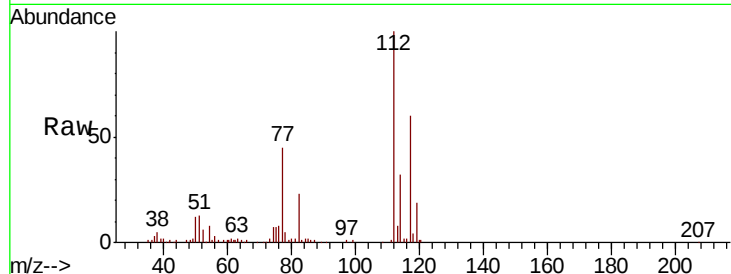




#65
Chlorobenzene
Concen: 5.467 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

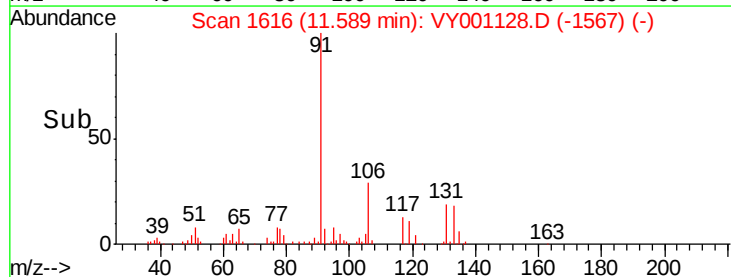
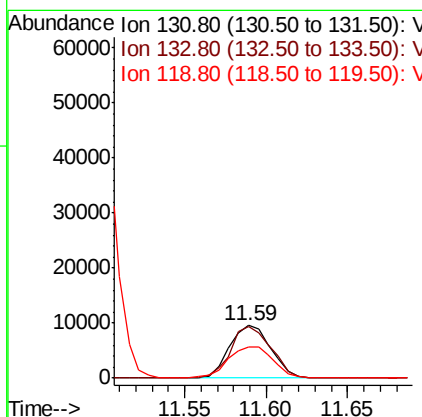
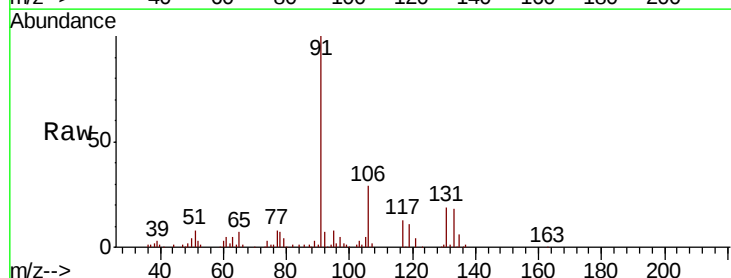
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

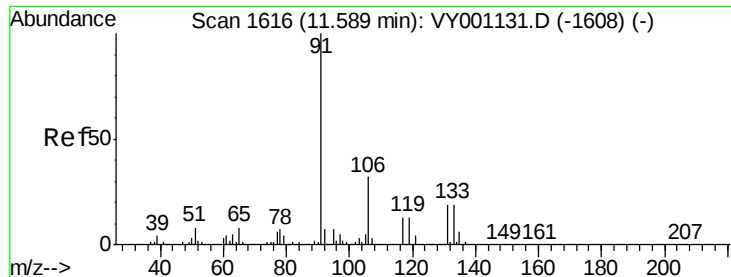
Tot Ion:112 Resp: 49587
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.591 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:131 Resp: 16855
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 64.0 33.1 99.3

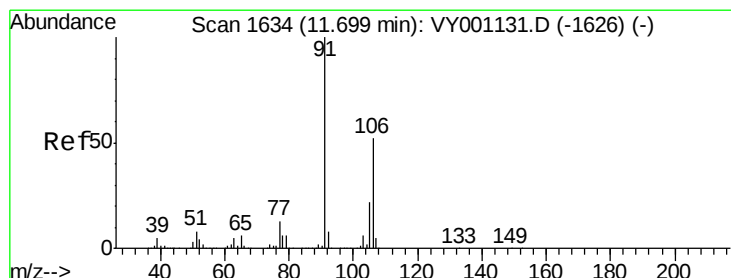
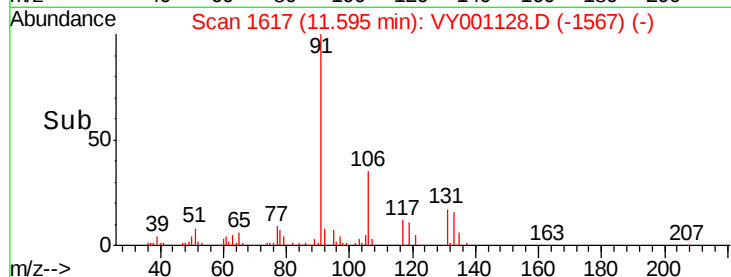
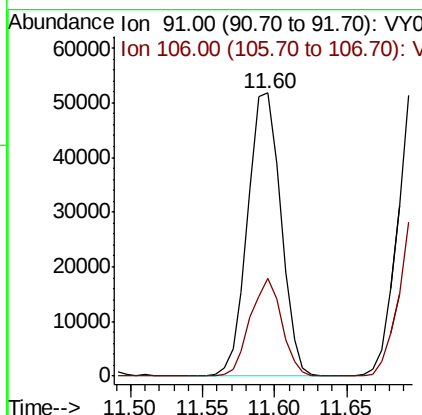
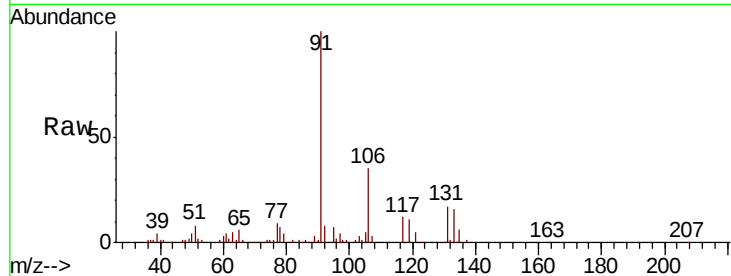




#67
Ethyl Benzene
Concen: 5.103 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

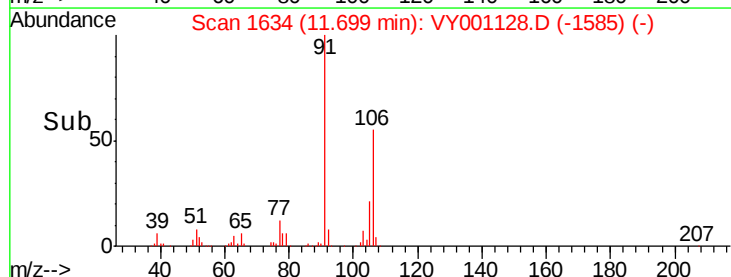
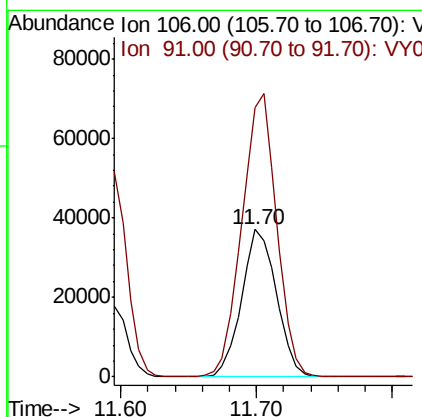
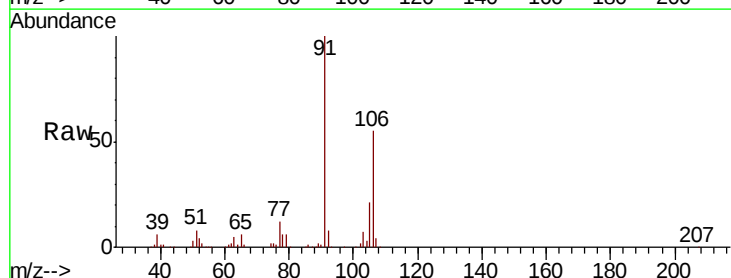
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

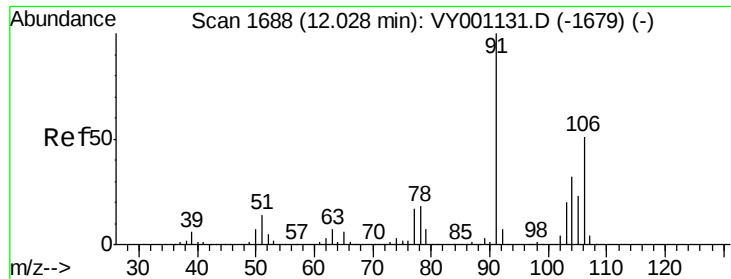
Tot Ion: 91 Resp: 82778
Ion Ratio Lower Upper
91 100
106 34.5 25.9 38.9



#68
m/p-Xylenes
Concen: 10.753 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 106 Resp: 66523
Ion Ratio Lower Upper
106 100
91 191.7 154.3 231.5

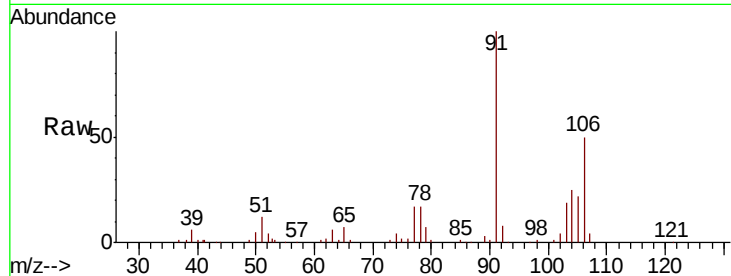




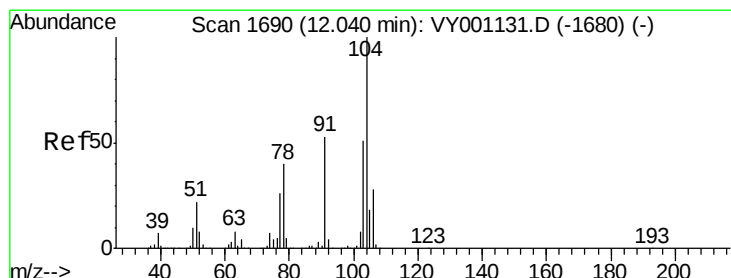
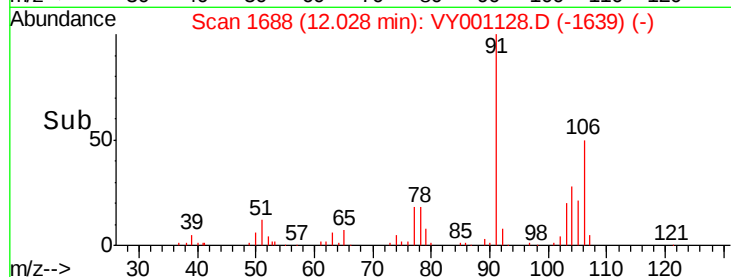
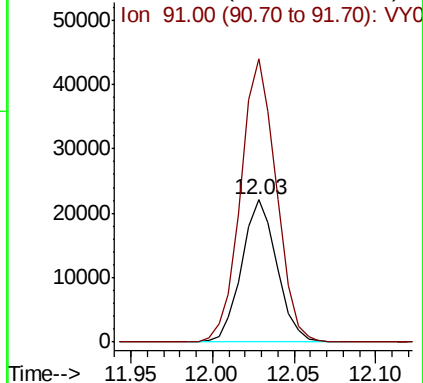
#69
o-Xylene
Concen: 5.730 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 33344
Ion Ratio Lower Upper
106 100
91 200.1 100.8 302.4

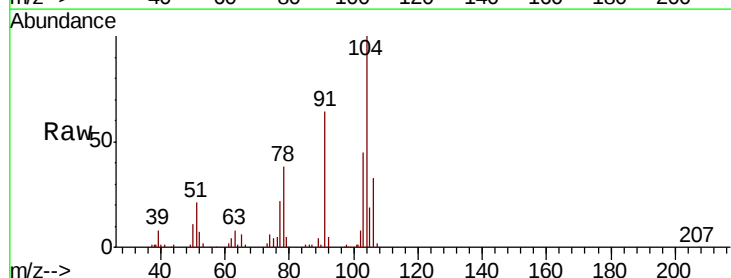


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

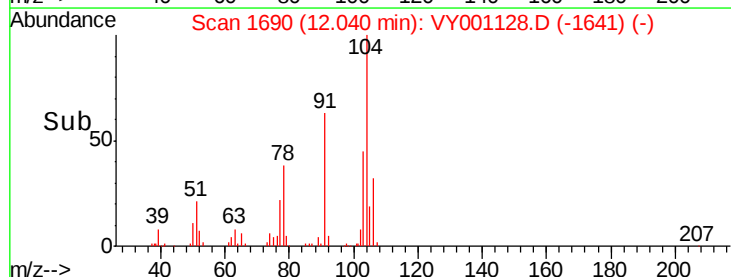
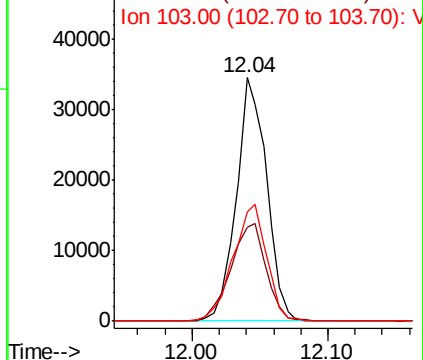


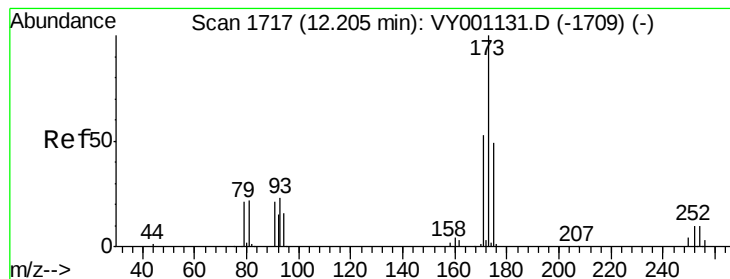
#70
Styrene
Concen: 5.402 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:104 Resp: 53464
Ion Ratio Lower Upper
104 100
78 46.7 34.7 52.1
103 53.2 42.6 64.0



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: 6.134 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

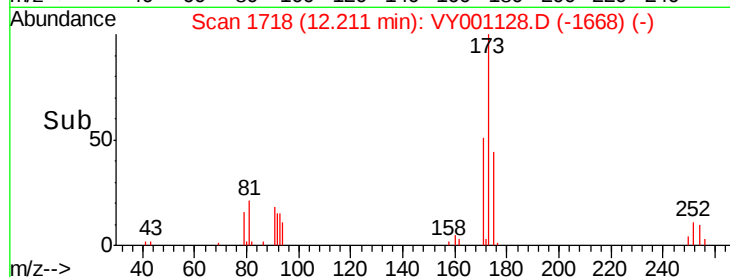
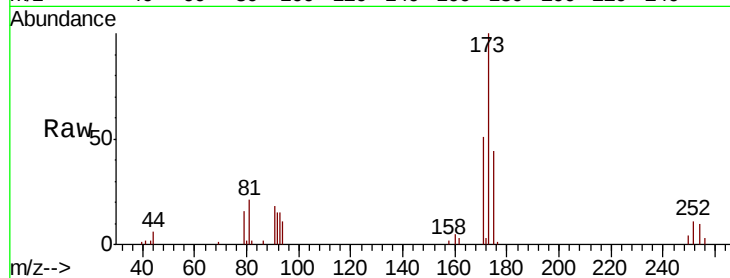
Tot Ion:173 Resp: 10285

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

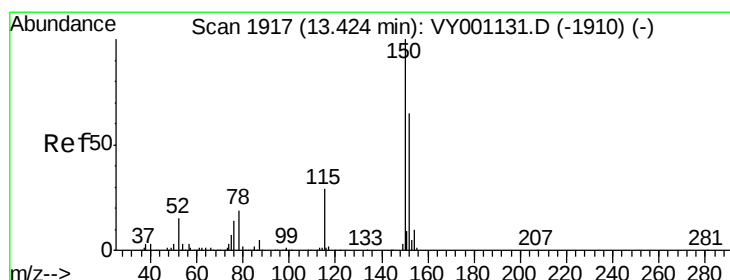
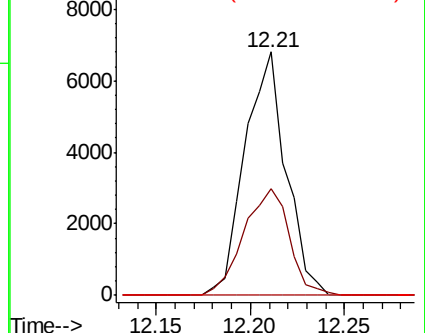
254 0.0 0.1 0.1#



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. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

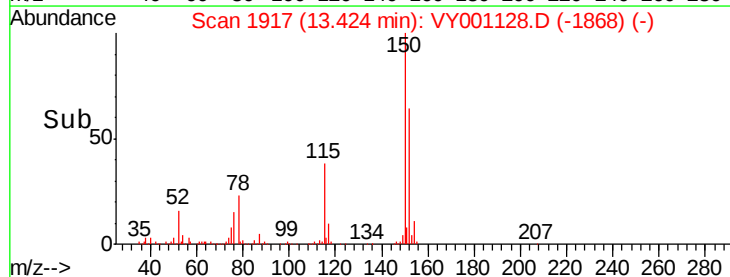
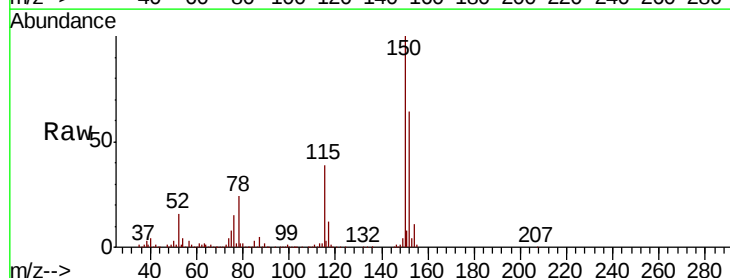
Tgt Ion:152 Resp: 249266

Ion Ratio Lower Upper

152 100

115 58.9 27.7 83.0

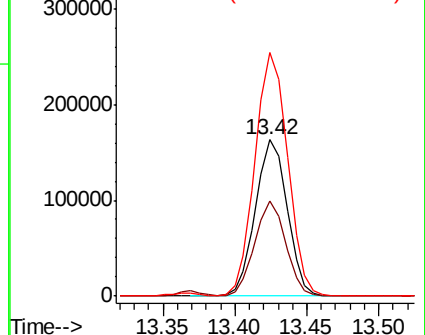
150 159.7 0.0 342.6

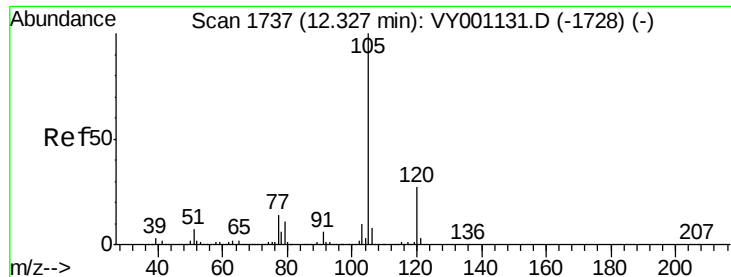


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.827 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

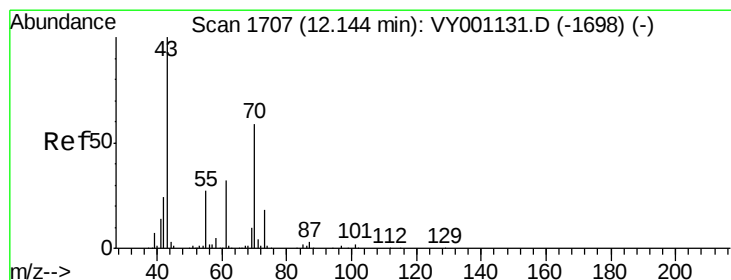
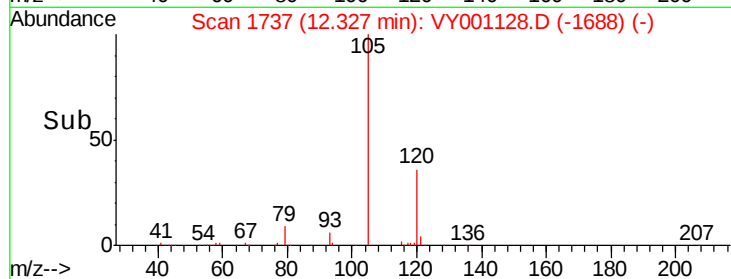
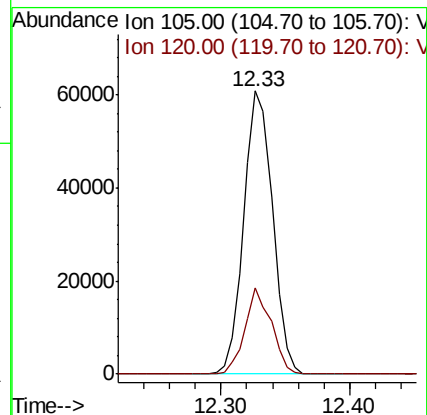
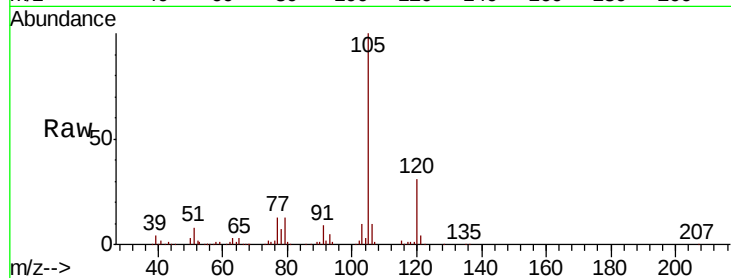
VSTDIC005

Tot Ion:105 Resp: 93950

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



#74

N-ethyl acetate

Concen: 3.241 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Tgt Ion: 43 Resp: 15761

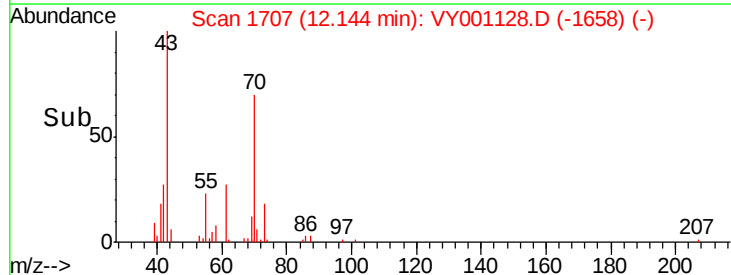
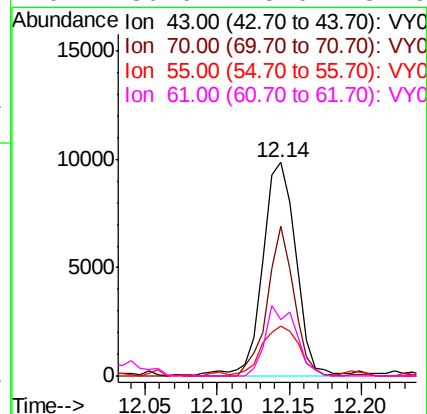
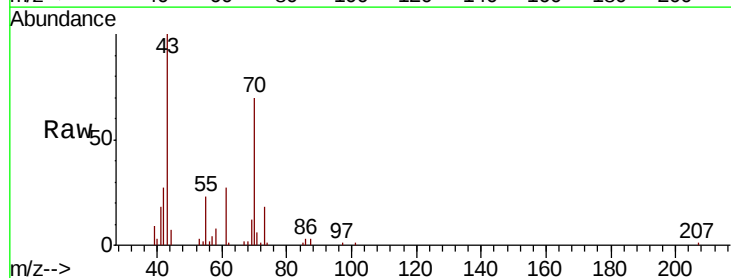
Ion Ratio Lower Upper

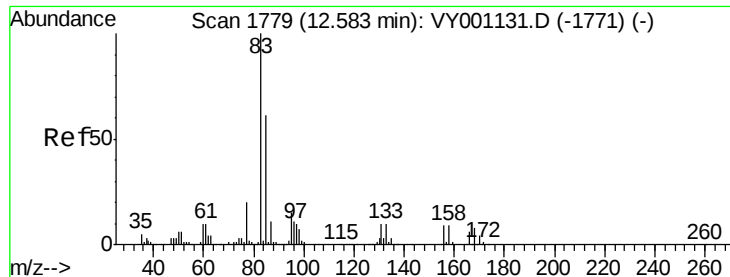
43 100

70 56.2 46.2 69.4

55 26.0 21.3 31.9

61 30.6 25.0 37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.365 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

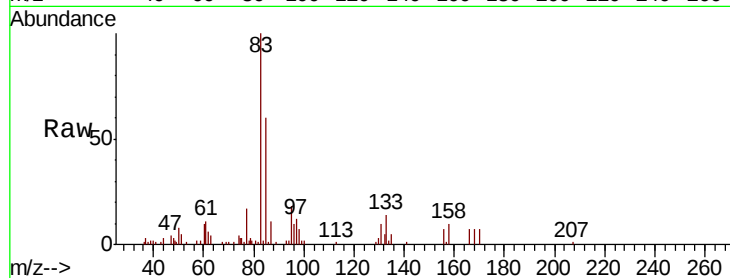
Tot Ion: 83 Resp: 16348

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

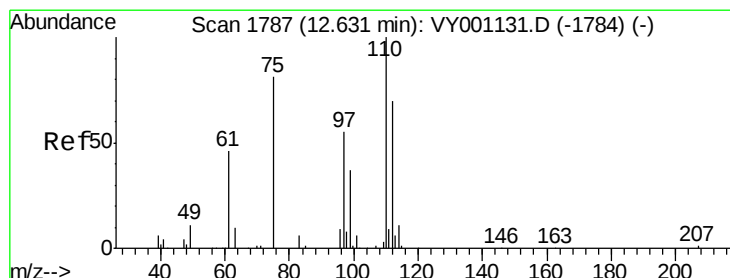
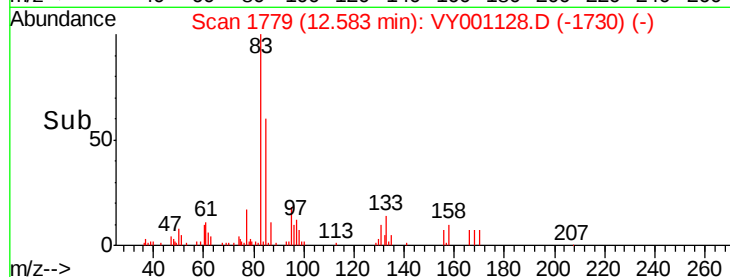
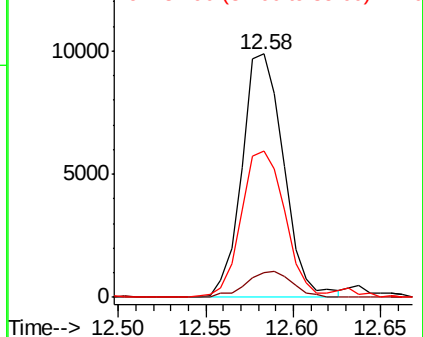
85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001131.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001131.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001131.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 7.258 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001128.D

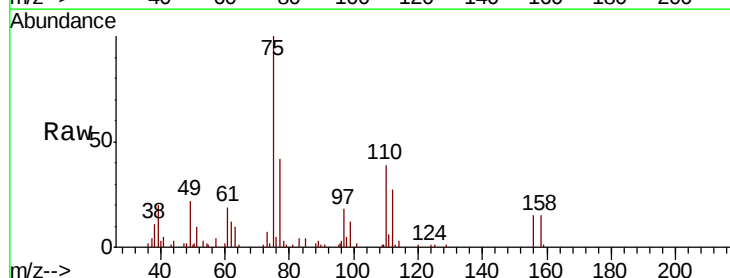
Acq: 02 Jan 2020 10:42

Tgt Ion: 75 Resp: 22219

Ion Ratio Lower Upper

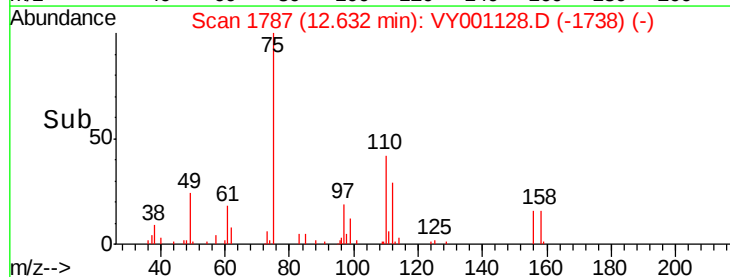
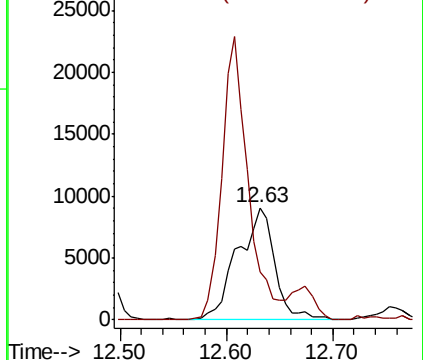
75 100

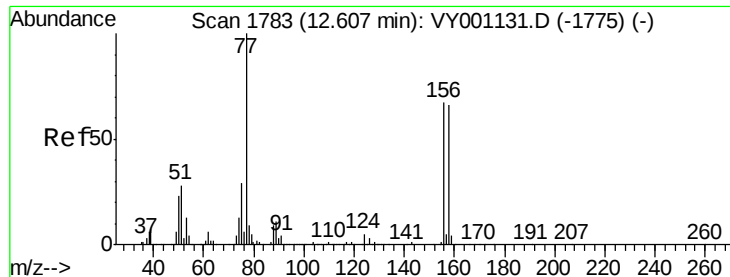
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001131.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001131.D (-1784) (-)

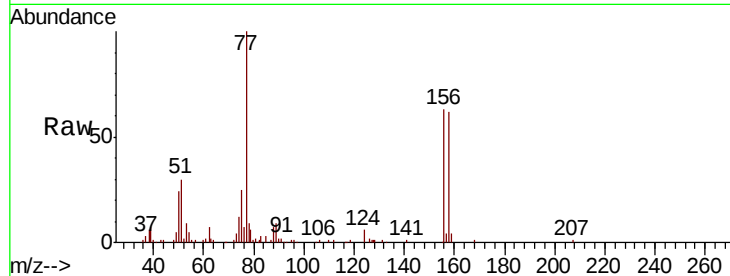




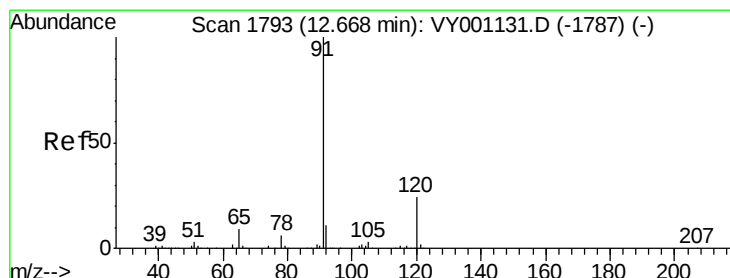
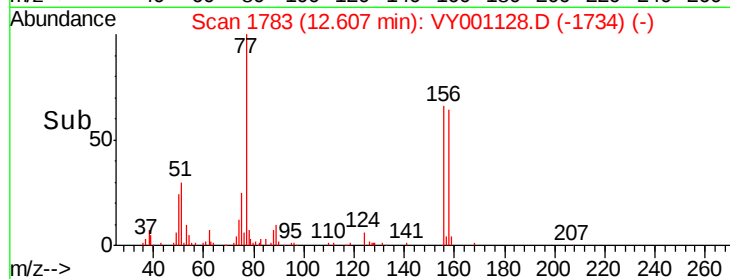
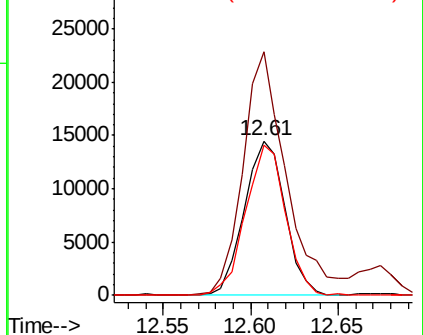
#77
Bromobenzene
Concen: 5.300 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:156 Resp: 23374
Ion Ratio Lower Upper
156 100
77 167.8 85.9 257.7
158 95.9 49.7 149.1

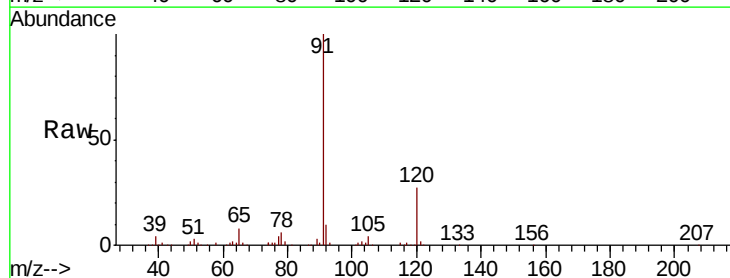


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

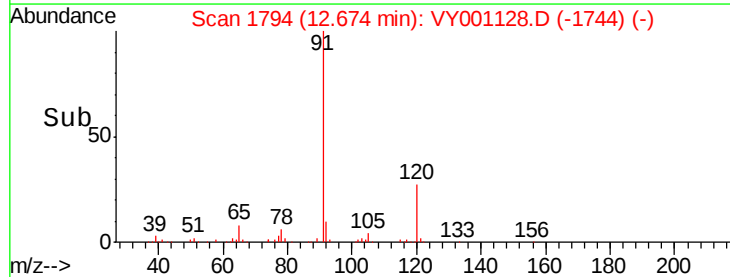
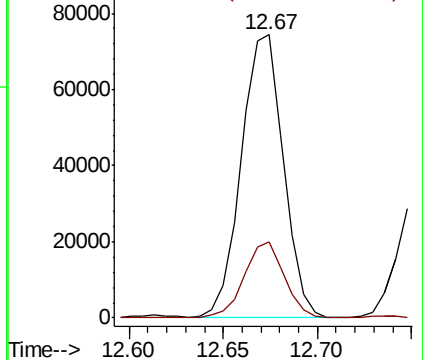


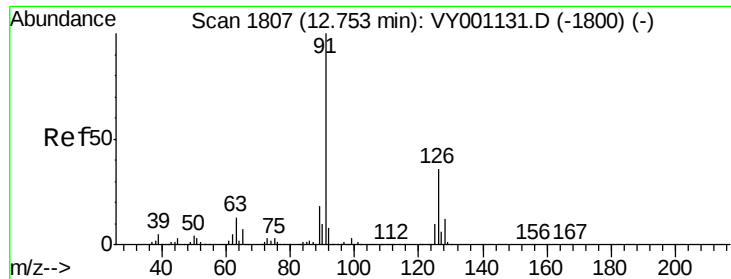
#78
n-propylbenzene
Concen: 4.865 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 91 Resp: 114988
Ion Ratio Lower Upper
91 100
120 25.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.975 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

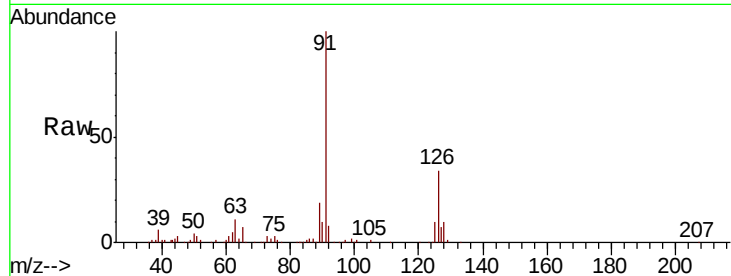
VSTDIC005

Tot Ion: 91 Resp: 64792

Ion Ratio Lower Upper

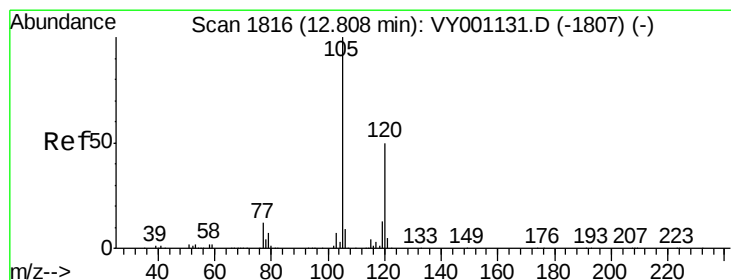
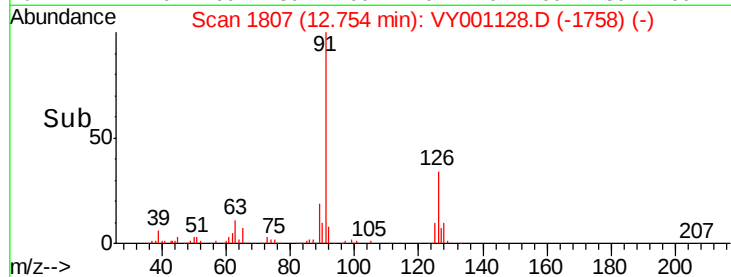
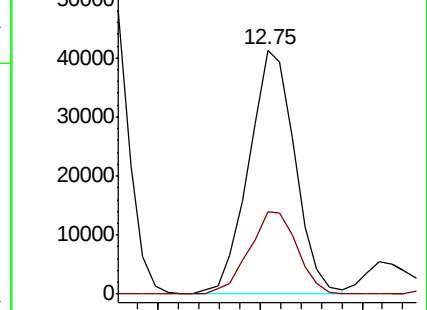
91 100

126 35.1 18.3 54.8



Abundance Ion 91.00 (90.70 to 91.70): VY001131.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001131.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.421 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001128.D

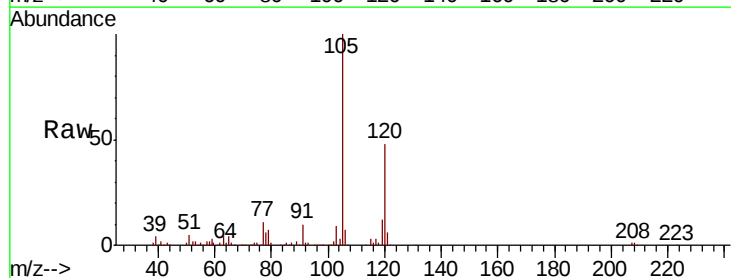
Acq: 02 Jan 2020 10:42

Tgt Ion: 105 Resp: 86655

Ion Ratio Lower Upper

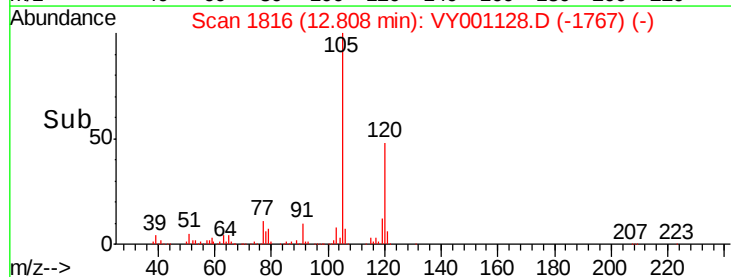
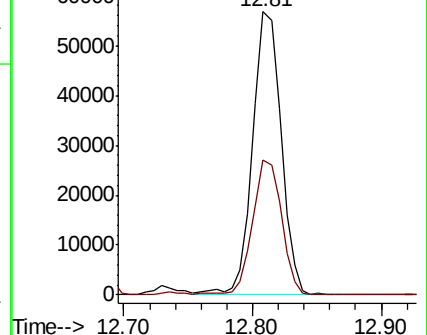
105 100

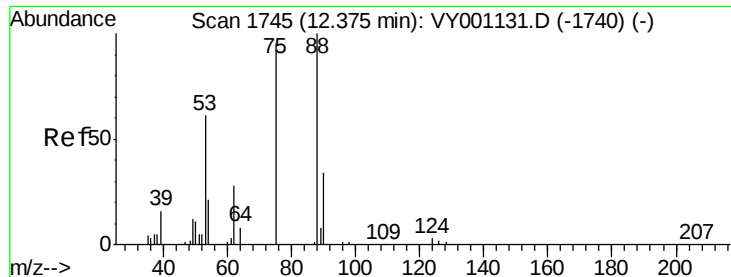
120 48.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VY001131.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY001131.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.110 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

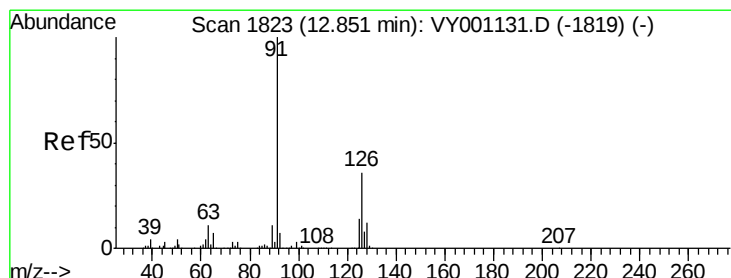
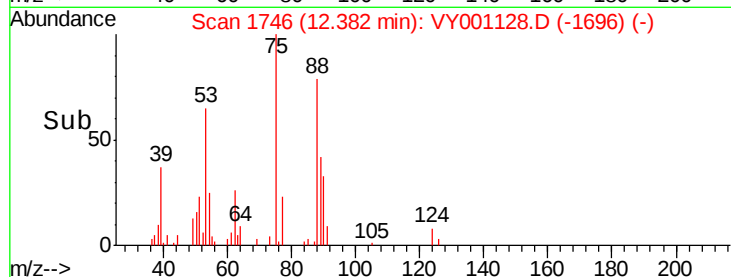
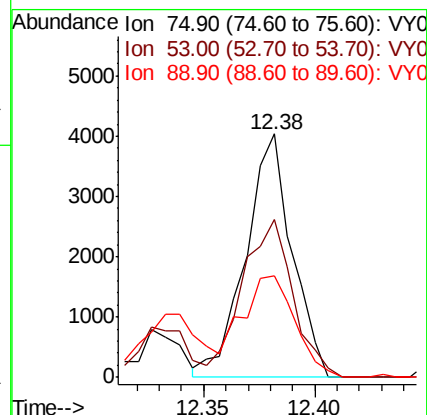
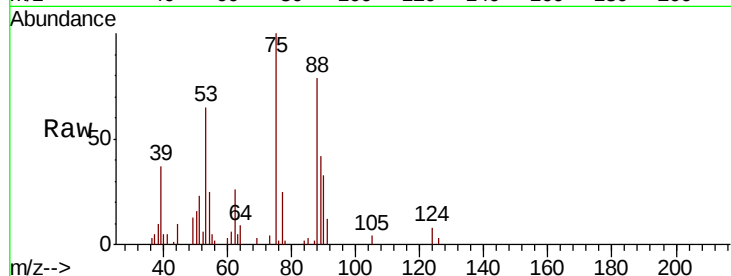
Tot Ion: 75 Resp: 5843

Ion Ratio Lower Upper

75 100

53 71.2 55.6 83.4

89 47.9 34.7 52.1



#82

4-Chlorotoluene

Concen: 4.979 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001128.D

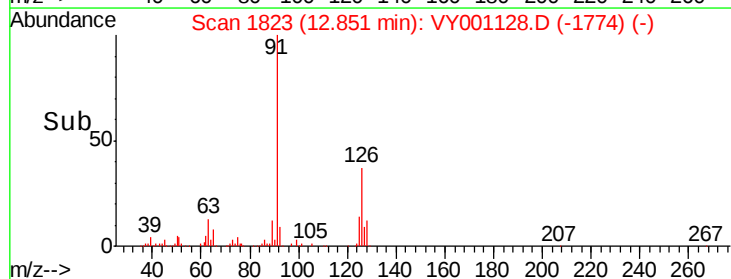
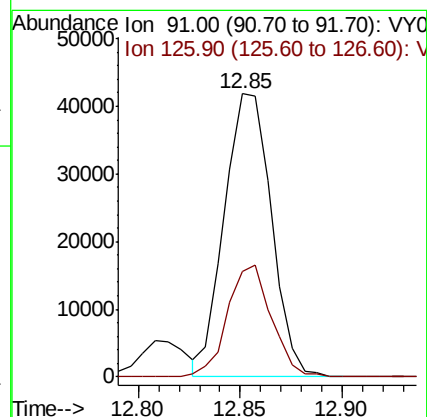
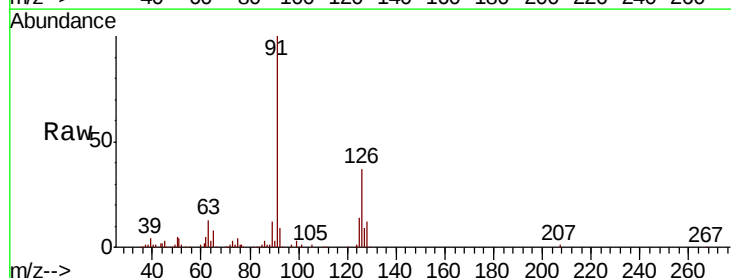
Acq: 02 Jan 2020 10:42

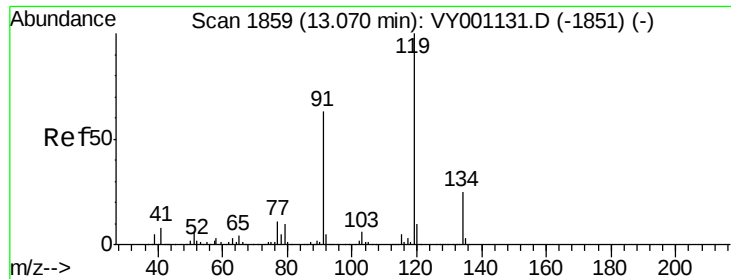
Tgt Ion: 91 Resp: 67089

Ion Ratio Lower Upper

91 100

126 36.8 18.6 56.0

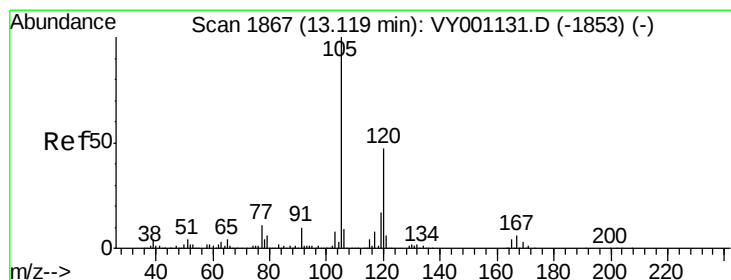
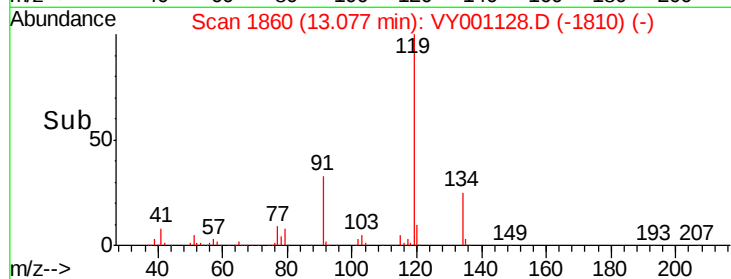
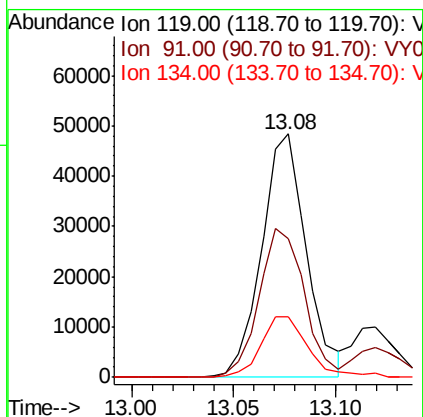
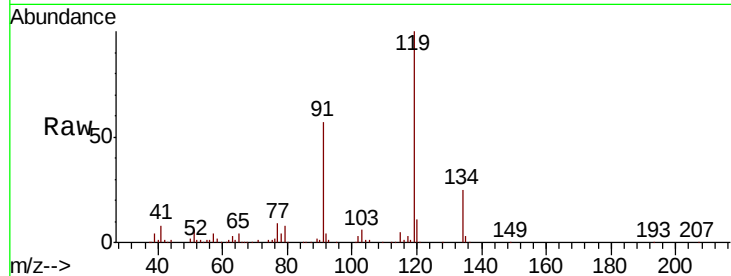




#83
 tert-Butylbenzene
 Concen: 5.446 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

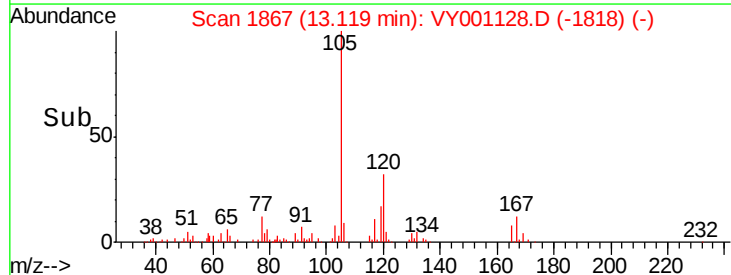
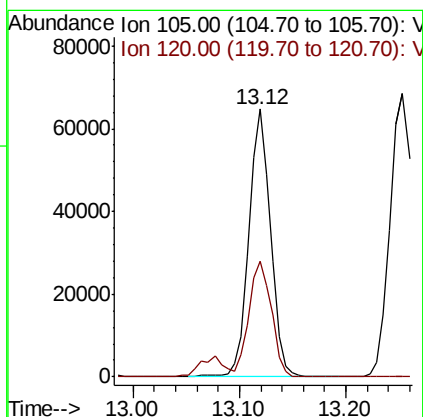
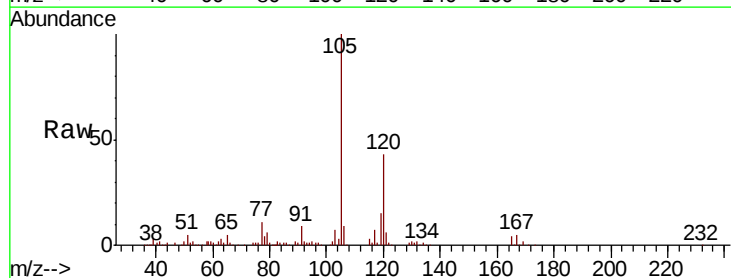
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

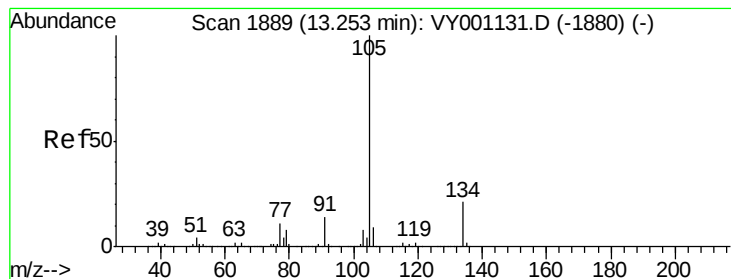
Tot Ion:119 Resp: 73646
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.9 92.7
 134 26.9 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.790 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion:105 Resp: 92707
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.0 72.0





#85

sec-Butylbenzene

Concen: 5.156 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

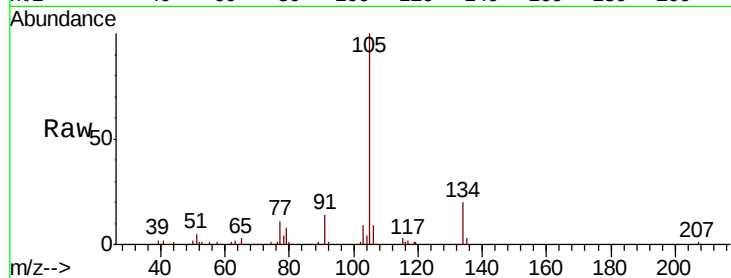
VSTDIC005

Tot Ion:105 Resp: 101905

Ion Ratio Lower Upper

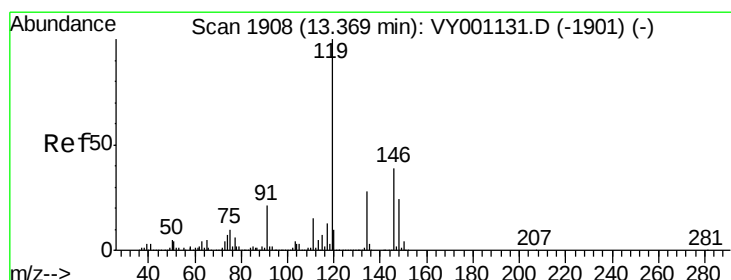
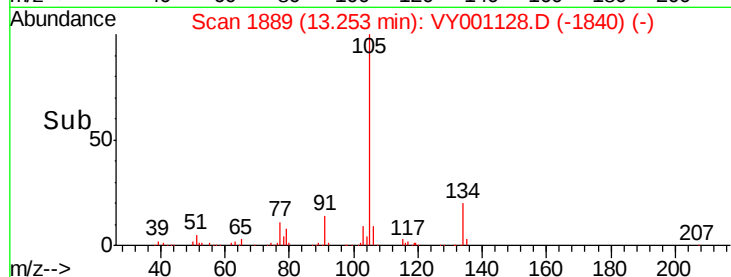
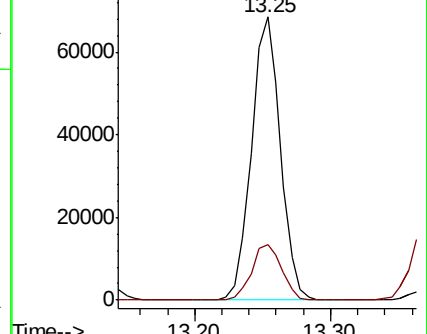
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.525 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

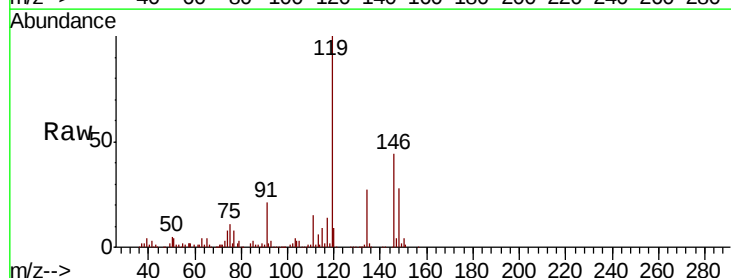
Tgt Ion:119 Resp: 94722

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.3

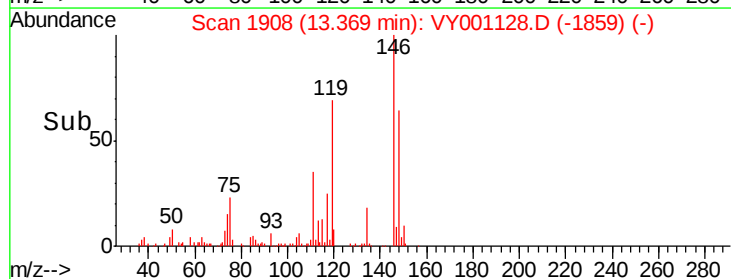
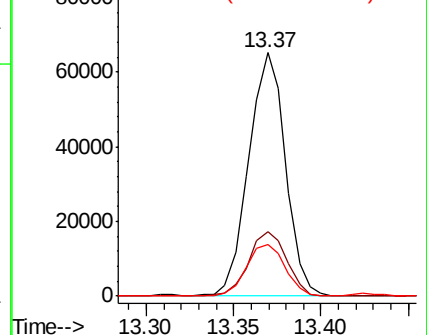
91 22.5 11.1 33.1

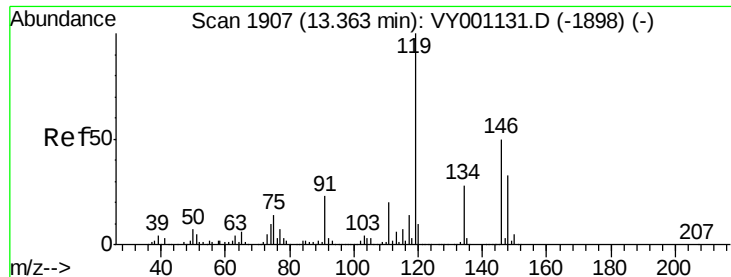


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

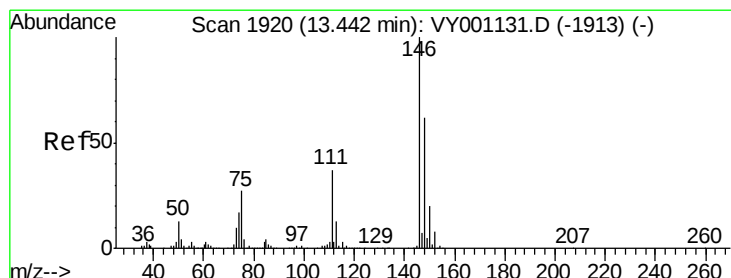
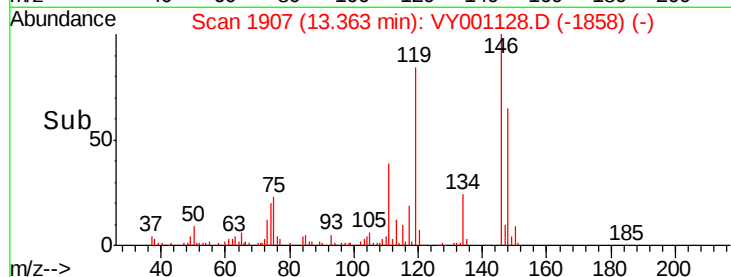
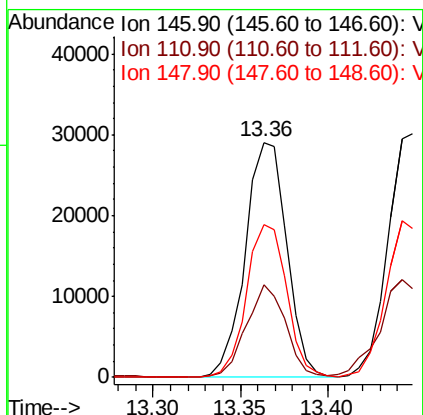
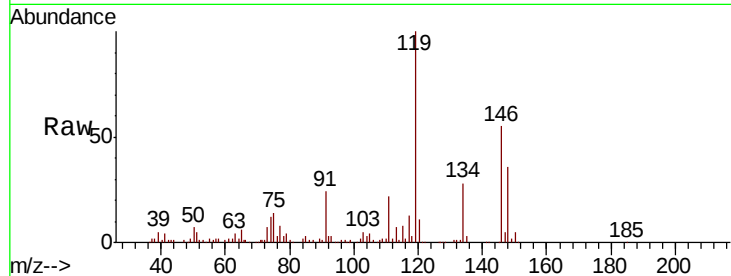




#87
 1,3-Dichlorobenzene
 Concen: 5.691 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

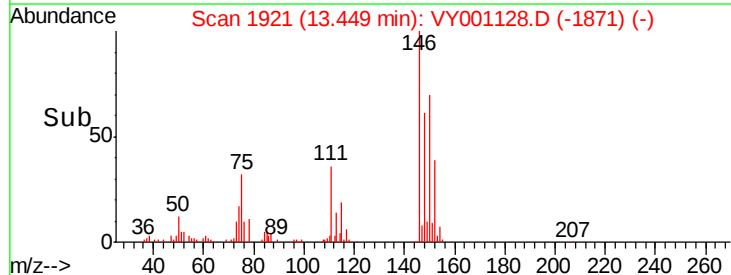
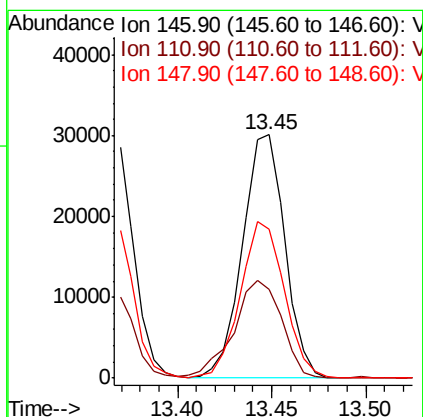
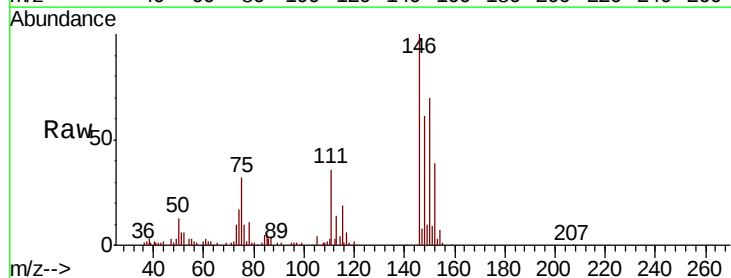
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

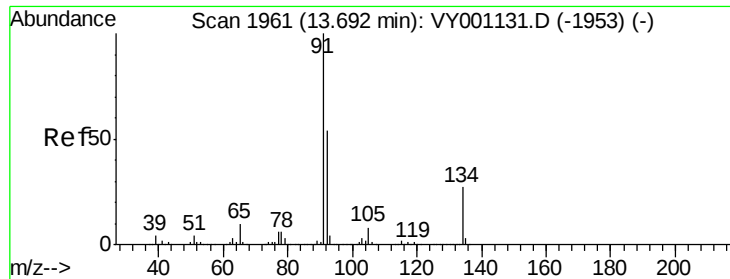
Tot Ion:146 Resp: 47942
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 62.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 5.527 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion:146 Resp: 47002
 Ion Ratio Lower Upper
 146 100
 111 45.8 19.1 57.3
 148 66.9 32.0 96.0

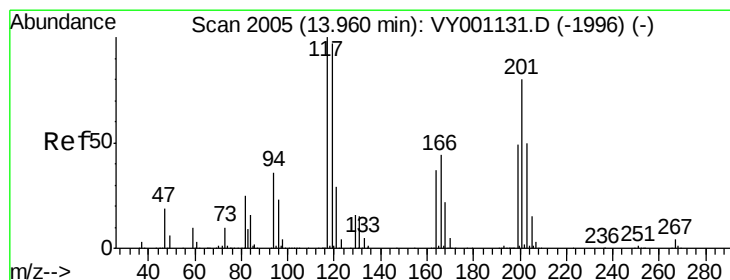
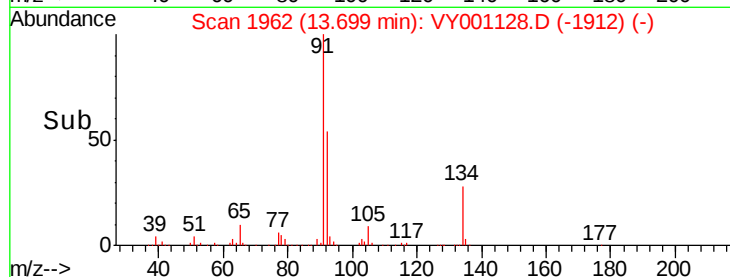
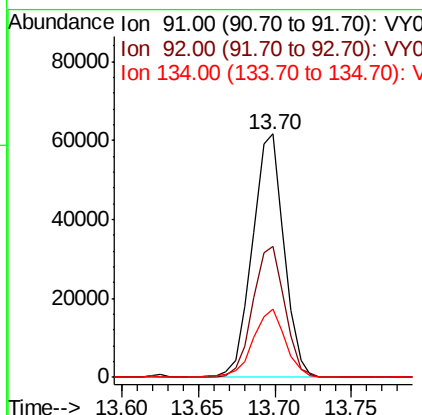
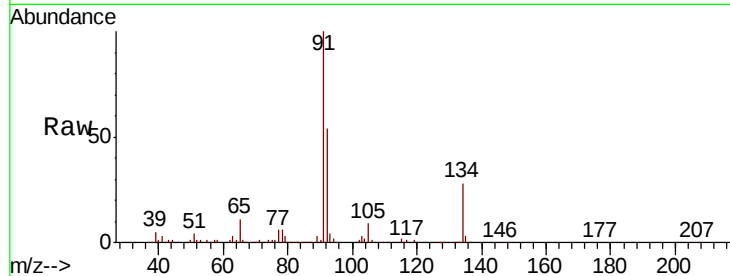




#89
n-Butylbenzene
Concen: 5.211 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

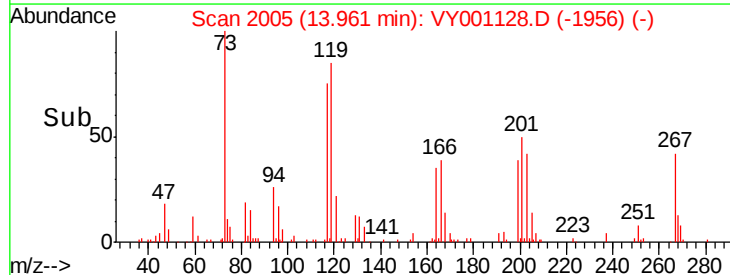
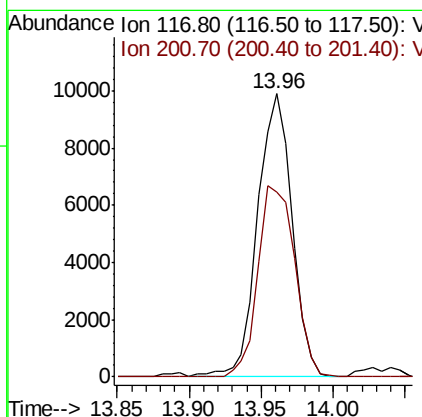
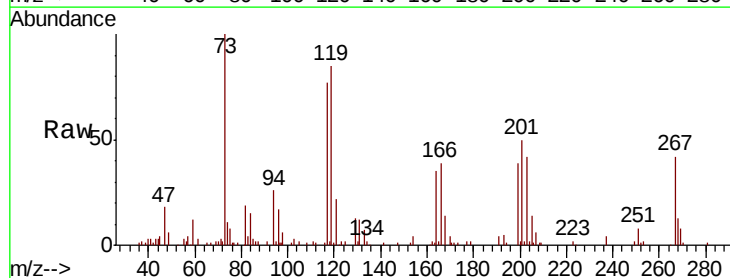
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

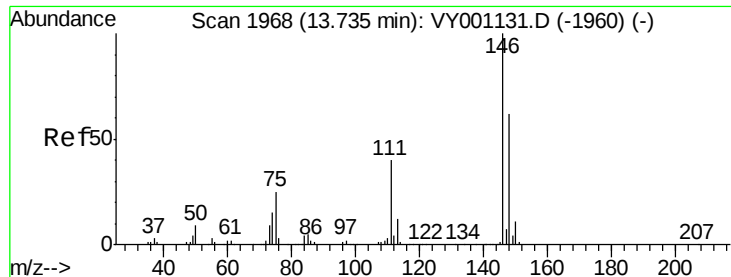
Tot Ion: 91 Resp: 88784
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.5
134 28.9 14.1 42.4



#90
Hexachloroethane
Concen: 5.091 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion: 117 Resp: 16337
Ion Ratio Lower Upper
117 100
201 72.5 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 5.568 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

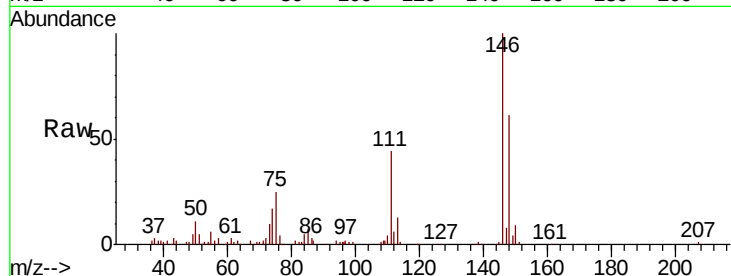
Tot Ion:146 Resp: 43224

Ion Ratio Lower Upper

146 100

111 42.1 20.1 60.3

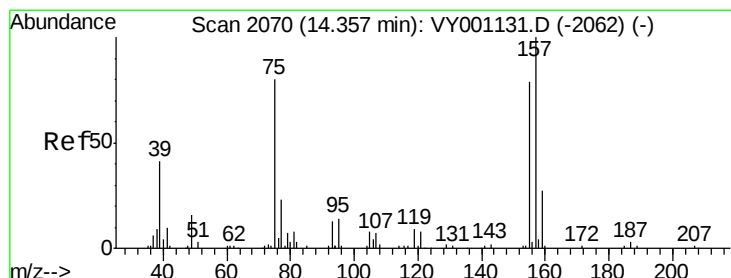
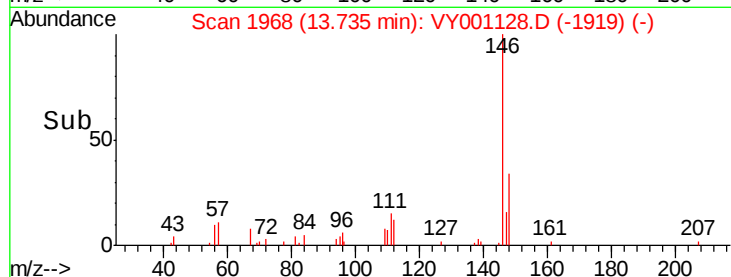
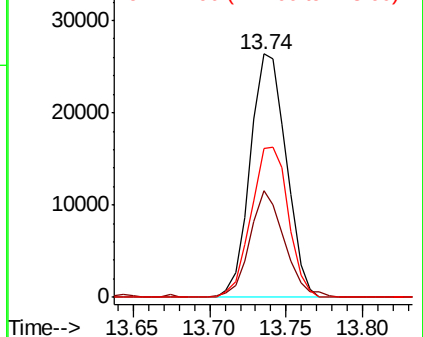
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.661 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY001128.D

Acq: 02 Jan 2020 10:42

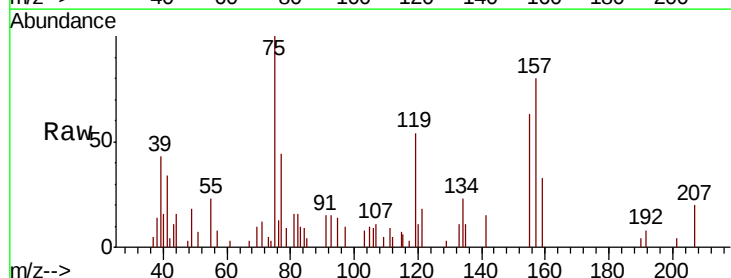
Tgt Ion: 75 Resp: 3531

Ion Ratio Lower Upper

75 100

155 78.7 50.4 151.3

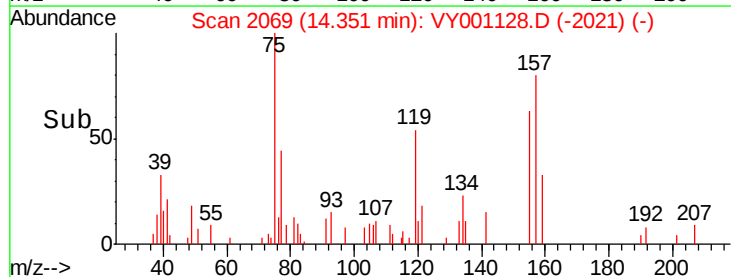
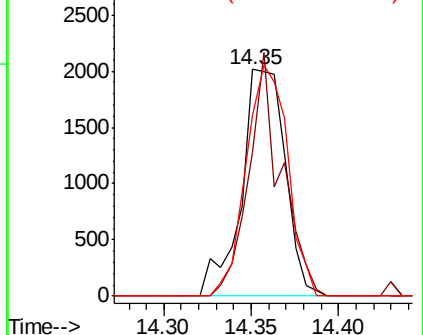
157 96.1 64.0 192.0

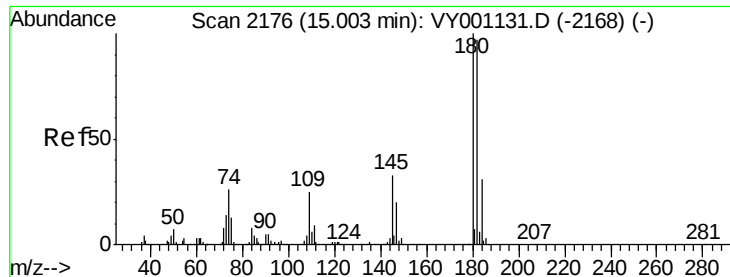


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

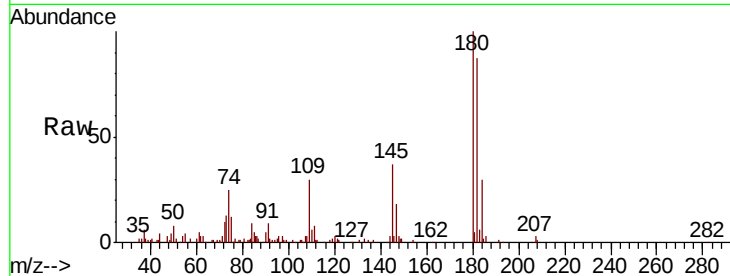




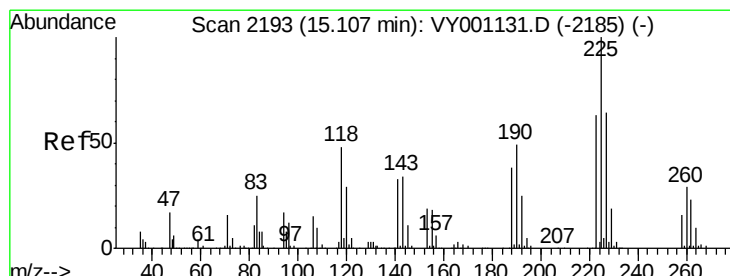
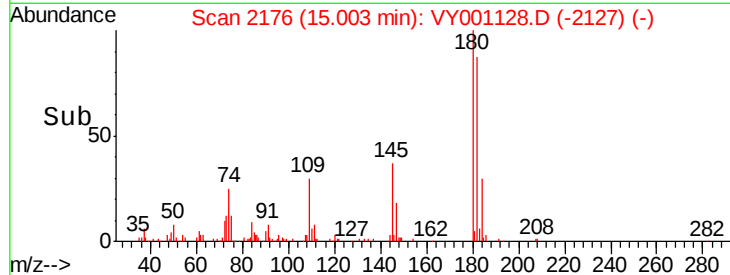
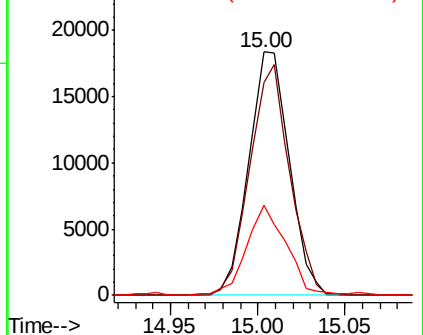
#93
 1,2,4-Trichlorobenzene
 Concen: 5.637 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 29588
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.6 145.8
 145 36.8 16.1 48.3

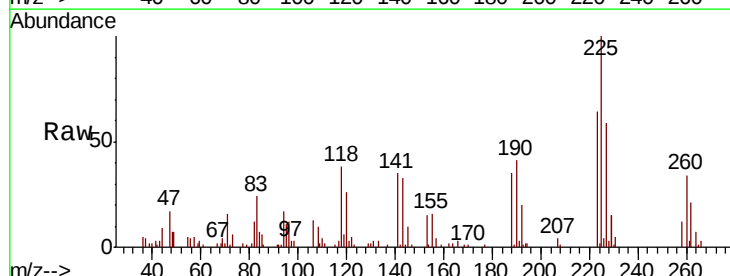


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

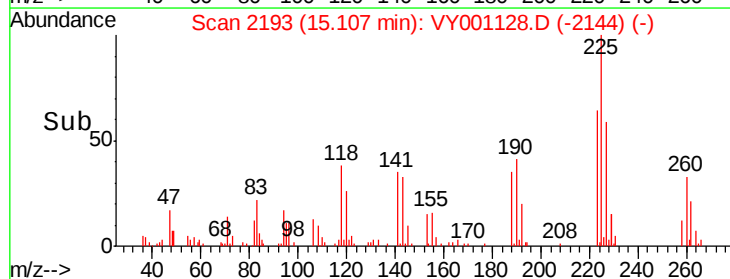
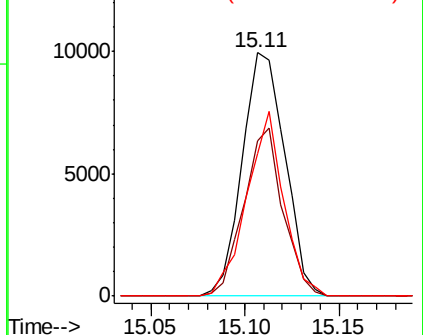


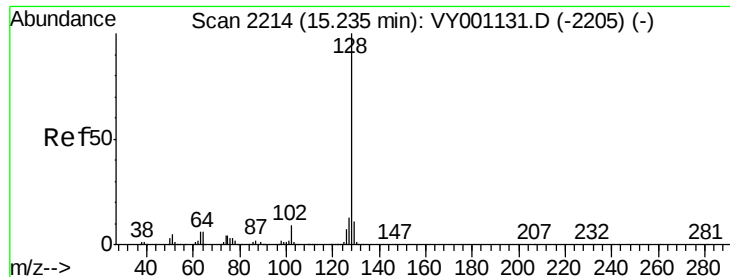
#94
 Hexachlorobutadiene
 Concen: 6.183 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001128.D
 Acq: 02 Jan 2020 10:42

Tgt Ion:225 Resp: 15637
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.8 95.3
 227 65.6 32.6 97.7



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

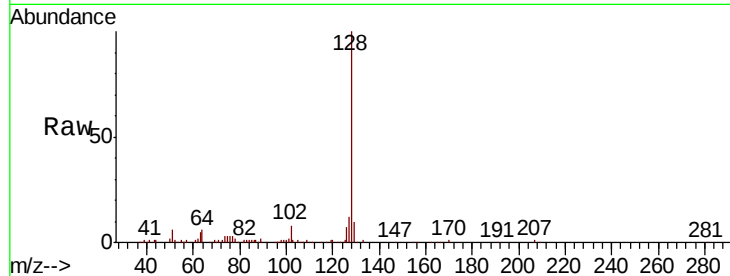




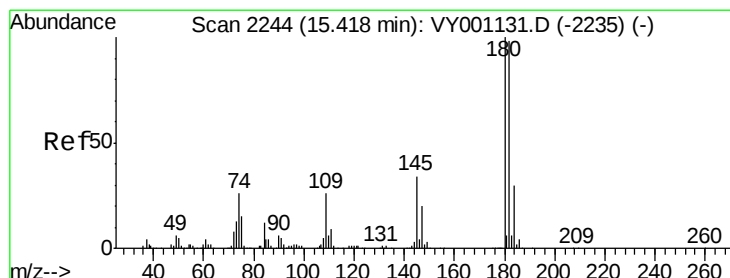
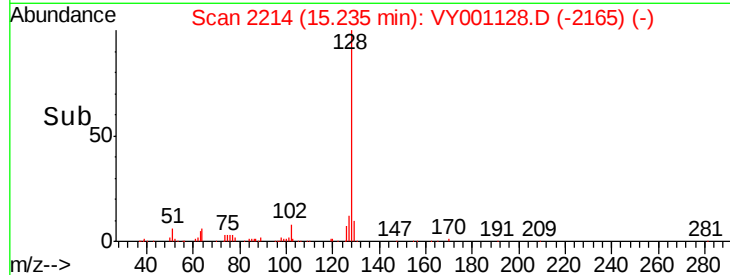
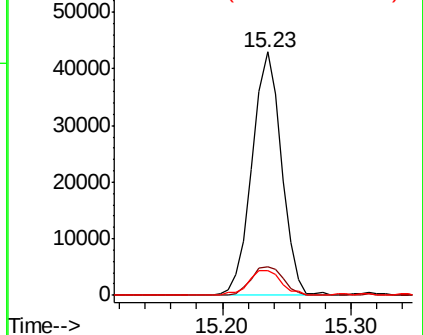
#95
Naphthalene
Concen: 5.553 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 67839
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.9 8.7 13.1

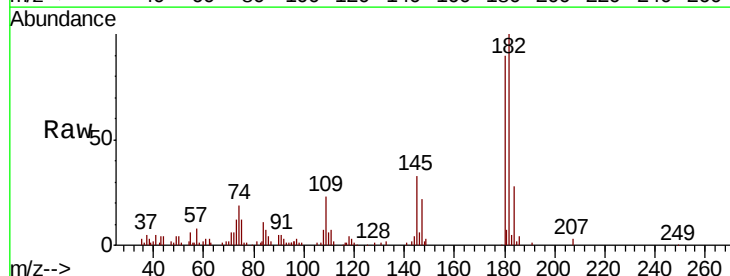


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.721 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001128.D
Acq: 02 Jan 2020 10:42

Tgt Ion:180 Resp: 26782
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 36.0 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

