

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002086.D
 Acq On : 26 Mar 2020 15:17
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 04:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170693	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	305500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	273445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125722	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	9309	5.05	ug/l	-0.01
Spiked Amount			Recovery	=	10.10%	
35) Dibromofluoromethane	7.73	113	8311	4.95	ug/l	0.00
Spiked Amount			Recovery	=	9.90%	
50) Toluene-d8	10.18	98	34581	4.88	ug/l	0.00
Spiked Amount			Recovery	=	9.76%	
62) 4-Bromofluorobenzene	12.49	95	12349	5.00	ug/l	0.00
Spiked Amount			Recovery	=	10.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	8083	5.408	ug/l	97
3) Chloromethane	2.12	50	11148	5.372	ug/l	93
4) Vinyl Chloride	2.26	62	10594	5.019	ug/l	99
5) Bromomethane	2.66	94	7405	5.238	ug/l	97
6) Chloroethane	2.80	64	6464	4.815	ug/l	92
7) Trichlorofluoromethane	3.13	101	14640	5.068	ug/l	97
8) Diethyl Ether	3.54	74	6053	5.272	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	9420	5.046	ug/l	98
10) Methyl Iodide	4.10	142	9458	4.387	ug/l	98
11) Tert butyl alcohol	4.95	59	6028	27.181	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	9365	4.984	ug/l	93
13) Acrolein	3.74	56	5825	21.841	ug/l	99
14) Allyl chloride	4.49	41	17066	5.073	ug/l	100
15) Acrylonitrile	5.18	53	15132	24.649	ug/l	98
16) Acetone	3.96	43	14771	28.028	ug/l	95
17) Carbon Disulfide	4.21	76	30673	4.863	ug/l	100
18) Methyl Acetate	4.49	43	7115	5.257	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	25477	4.973	ug/l	95
20) Methylene Chloride	4.74	84	18333	8.086	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	10333	4.824	ug/l	93
22) Diisopropyl ether	6.13	45	34455	4.991	ug/l	96
23) Vinyl Acetate	6.08	43	109697	24.305	ug/l	99
24) 1,1-Dichloroethane	6.04	63	18190	4.882	ug/l	98
25) 2-Butanone	7.00	43	20748	25.877	ug/l	93
26) 2,2-Dichloropropane	6.99	77	15225	4.968	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	11245	4.821	ug/l	96
28) Bromochloromethane	7.35	49	7617	4.479	ug/l	97
29) Tetrahydrofuran	7.36	42	13686	25.644	ug/l	95
30) Chloroform	7.52	83	17647	5.044	ug/l	98
31) Cyclohexane	7.80	56	22181	5.568	ug/l #	78
32) 1,1,1-Trichloroethane	7.72	97	14439	4.904	ug/l	97
36) 1,1-Dichloropropene	7.93	75	14748	5.060	ug/l	99
37) Ethyl Acetate	7.10	43	9525	5.638	ug/l	99
38) Carbon Tetrachloride	7.91	117	11980	4.798	ug/l #	88

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 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 04:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	18933	4.889	ug/l	98
40) Benzene	8.17	78	42709	4.936	ug/l	98
41) Methacrylonitrile	7.35	41	12012	15.262	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	11540	5.169	ug/l	99
43) Isopropyl Acetate	8.28	43	16101	5.015	ug/l	99
44) Trichloroethene	8.95	130	10229	4.848	ug/l	95
45) 1,2-Dichloropropane	9.22	63	10644	4.883	ug/l	92
46) Dibromomethane	9.31	93	5525	4.918	ug/l	98
47) Bromodichloromethane	9.50	83	12217	4.670	ug/l	97
48) Methyl methacrylate	9.30	41	7046	4.982	ug/l	98
49) 1,4-Dioxane	9.32	88	1521	99.211	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	41140	24.889	ug/l	99
52) Toluene	10.25	92	25461	4.847	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	13536	4.754	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	16225	4.787	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	8304	5.042	ug/l	95
56) Ethyl methacrylate	10.51	69	11502	4.801	ug/l	98
57) 1,3-Dichloropropane	10.80	76	14566	4.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	30142	29.506	ug/l	100
59) 2-Hexanone	10.83	43	28969	24.617	ug/l	98
60) Dibromochloromethane	10.99	129	8036	4.652	ug/l	98
61) 1,2-Dibromoethane	11.10	107	7558	4.857	ug/l	97
64) Tetrachloroethene	10.72	164	8480	4.966	ug/l	96
65) Chlorobenzene	11.52	112	26020	4.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	8529	4.815	ug/l	99
67) Ethyl Benzene	11.60	91	47349	4.700	ug/l	98
68) m/p-Xylenes	11.70	106	35551	9.562	ug/l	100
69) o-Xylene	12.03	106	16941	4.830	ug/l	100
70) Styrene	12.05	104	28698	4.773	ug/l	98
71) Bromoform	12.21	173	4408	4.596	ug/l #	100
73) Isopropylbenzene	12.33	105	45635	4.769	ug/l	99
74) N-amyl acetate	12.14	43	14566	4.956	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	9581	4.657	ug/l	94
76) 1,2,3-Trichloropropane	12.64	75	12607	8.366	ug/l #	100
77) Bromobenzene	12.61	156	9444	4.640	ug/l	93
78) n-propylbenzene	12.67	91	57000	4.823	ug/l	99
79) 2-Chlorotoluene	12.76	91	30915	4.736	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	38269	4.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	3220	4.383	ug/l #	85
82) 4-Chlorotoluene	12.86	91	33371	4.904	ug/l	99
83) tert-Butylbenzene	13.08	119	31079	4.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	38023	4.857	ug/l	97
85) sec-Butylbenzene	13.25	105	46753	4.834	ug/l	100
86) p-Isopropyltoluene	13.37	119	39406	4.721	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	19904	5.004	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	19142	4.748	ug/l	90
89) n-Butylbenzene	13.70	91	42666	4.924	ug/l	97
90) Hexachloroethane	13.97	117	7402	4.702	ug/l	92
91) 1,2-Dichlorobenzene	13.74	146	18115	4.994	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1693	5.263	ug/l	84

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Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Mar 27 04:07:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 04:05:22 2020
Response via : Initial Calibration

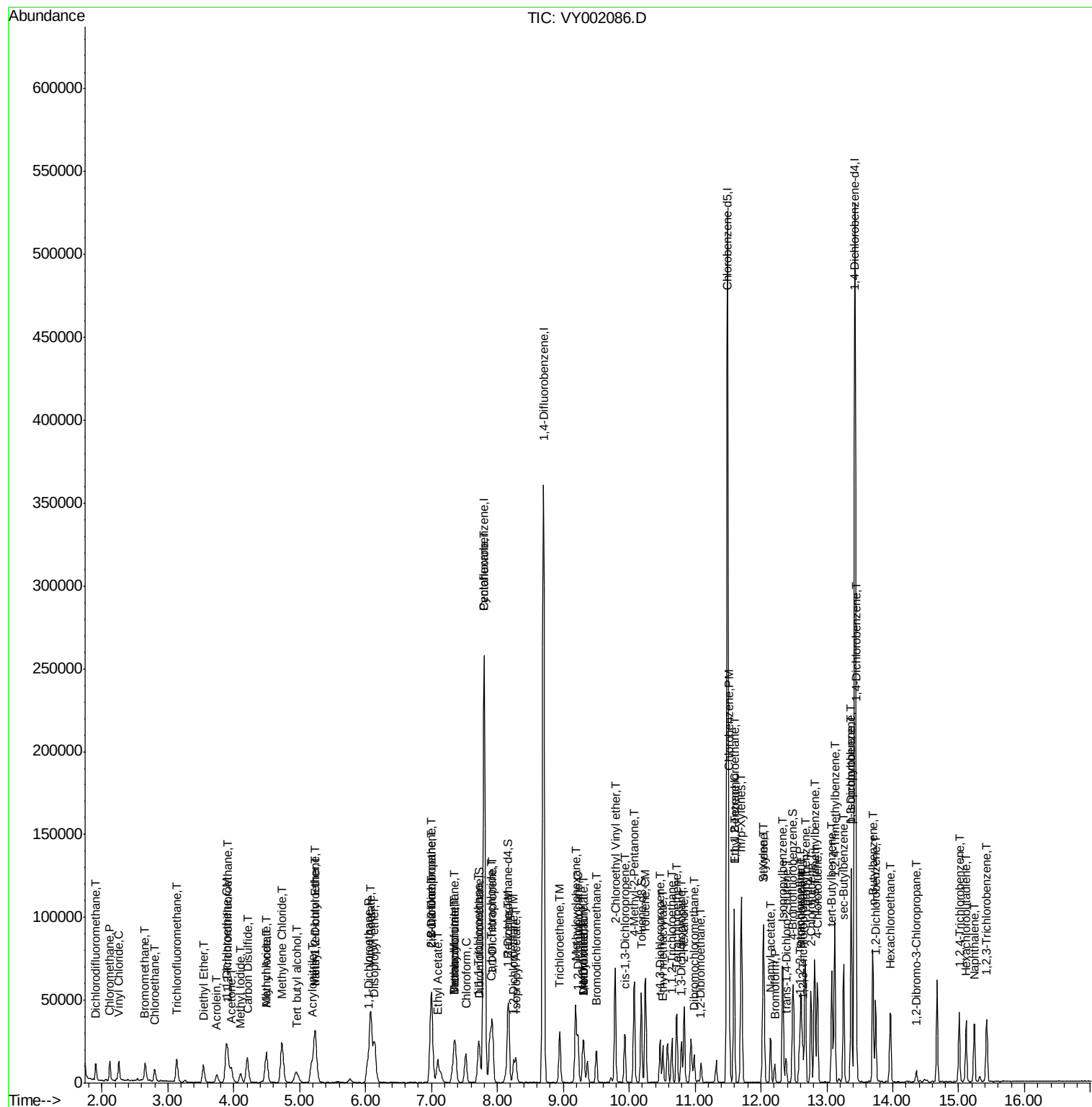
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	12141	5.187	ug/l	99
94) Hexachlorobutadiene	15.12	225	6165	5.369	ug/l	97
95) Naphthalene	15.23	128	27034	4.868	ug/l	96
96) 1,2,3-Trichlorobenzene	15.42	180	11188	5.401	ug/l	96

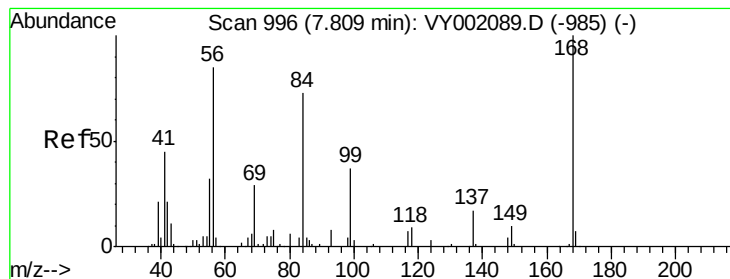
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002086.D
 Acq On : 26 Mar 2020 15:17
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 04:07:49 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

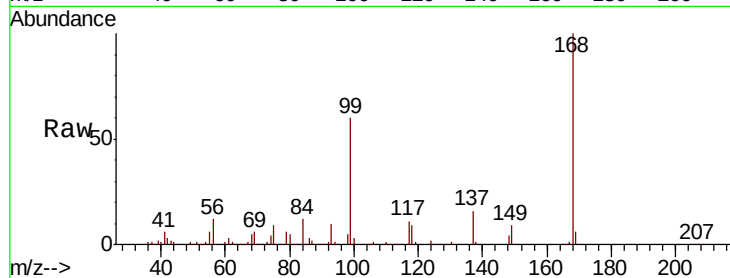
VSTDIC005

Tot Ion:168 Resp: 170693

Ion Ratio Lower Upper

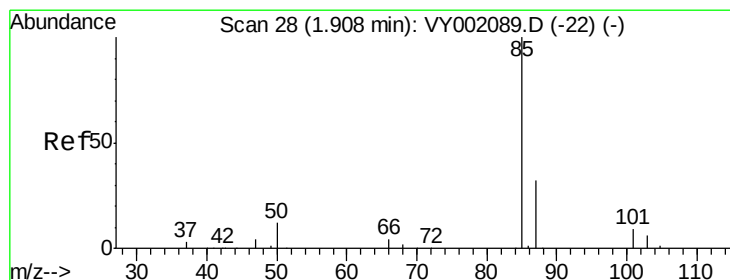
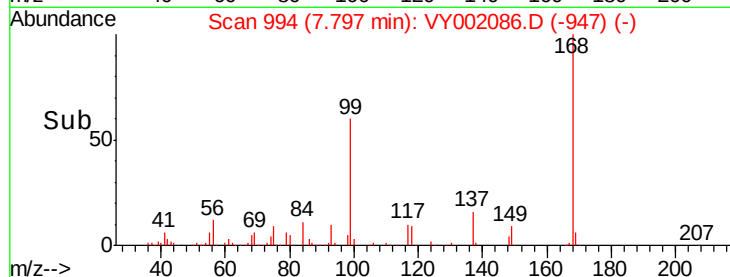
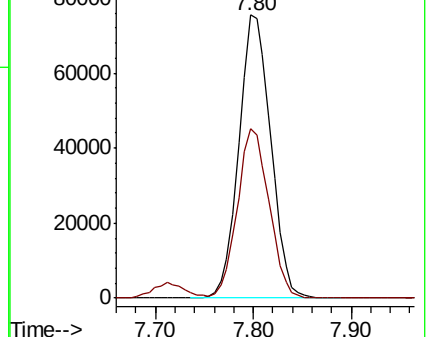
168 100

99 59.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 5.408 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002086.D

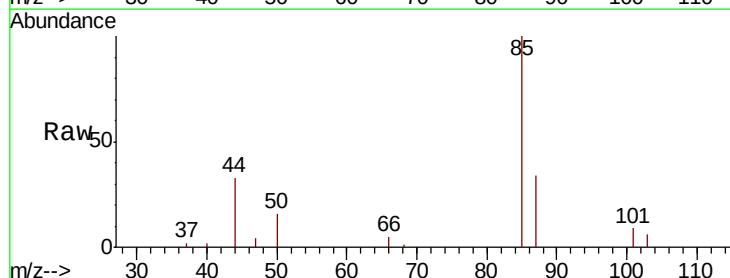
Acq: 26 Mar 2020 15:17

Tgt Ion: 85 Resp: 8083

Ion Ratio Lower Upper

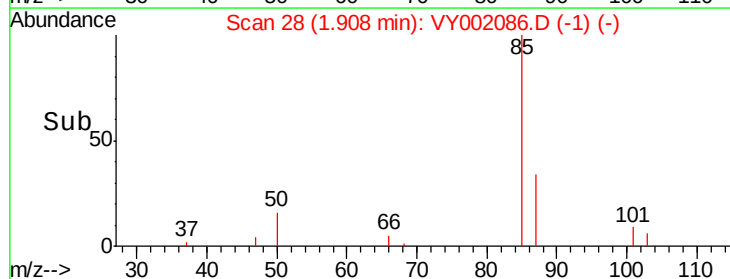
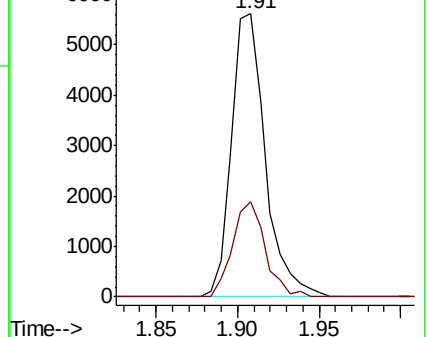
85 100

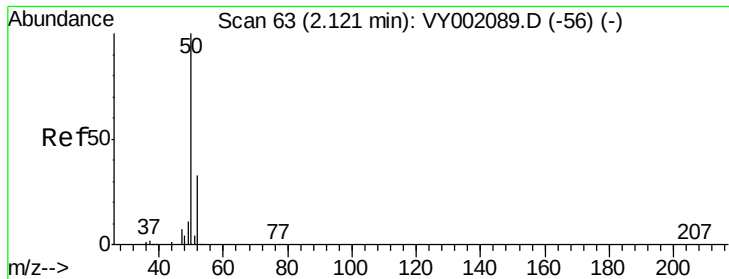
87 33.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 5.372 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

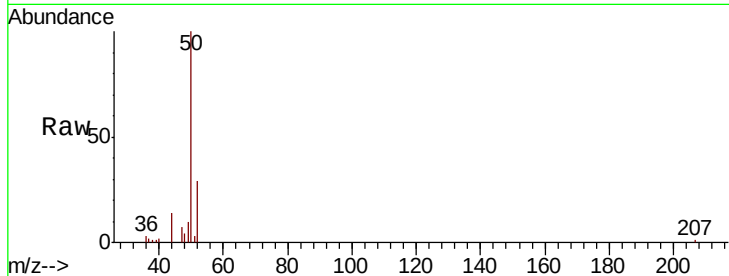
VSTDIC005

Tot Ion: 50 Resp: 11148

Ion Ratio Lower Upper

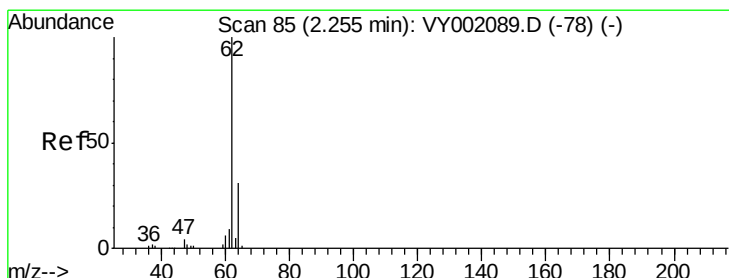
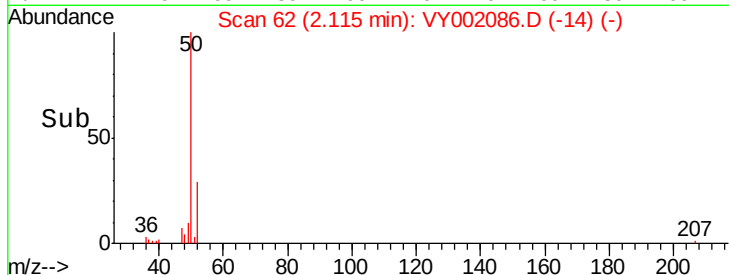
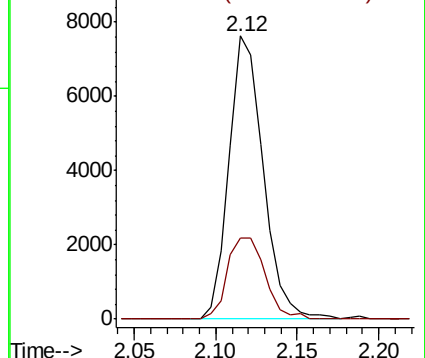
50 100

52 28.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 5.019 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002086.D

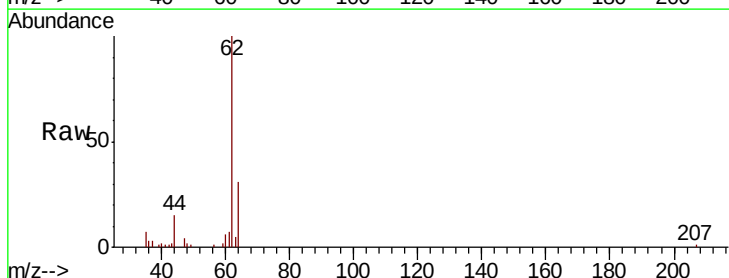
Acq: 26 Mar 2020 15:17

Tgt Ion: 62 Resp: 10594

Ion Ratio Lower Upper

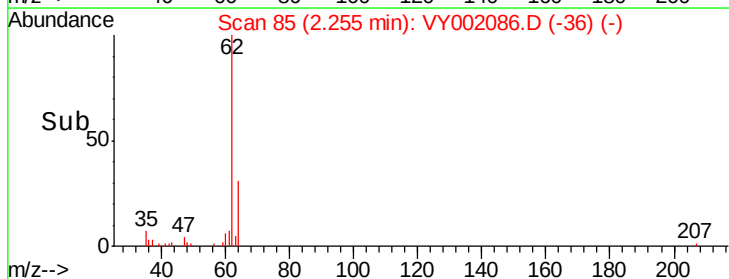
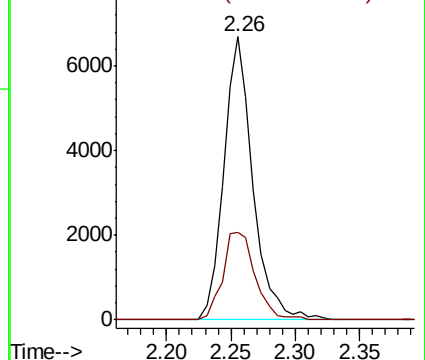
62 100

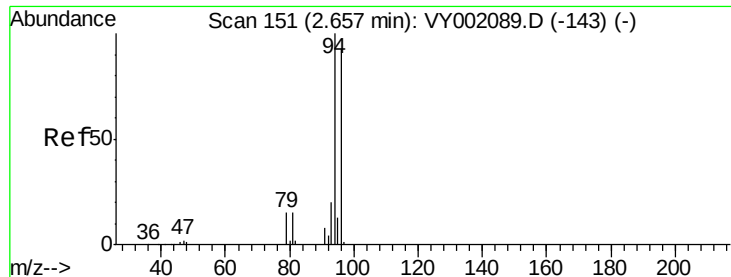
64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 5.238 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

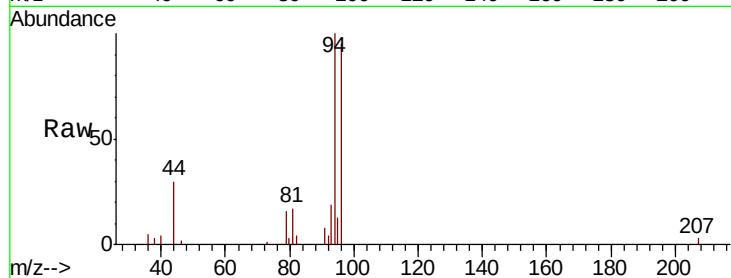
VSTDIC005

Tot Ion: 94 Resp: 7405

Ion Ratio Lower Upper

94 100

96 95.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

4000

3000

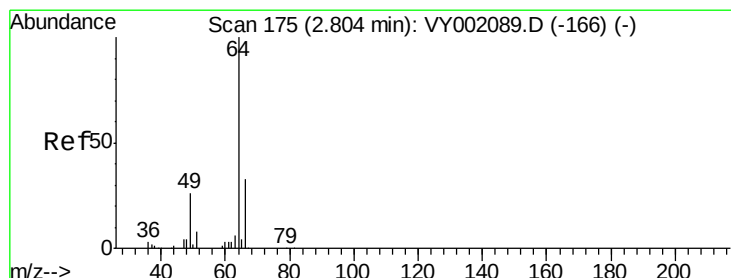
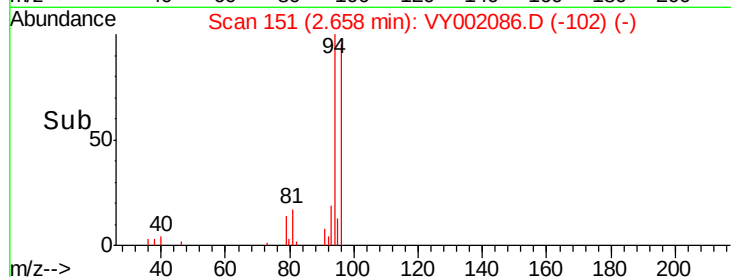
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 4.815 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002086.D

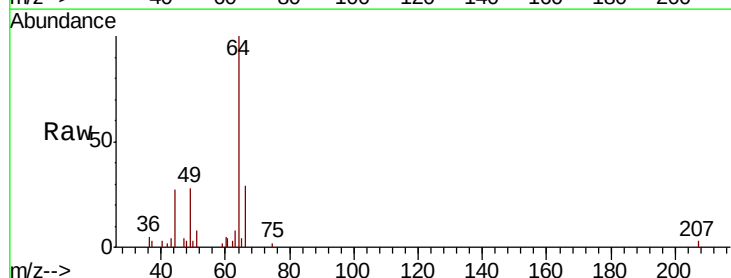
Acq: 26 Mar 2020 15:17

Tgt Ion: 64 Resp: 6464

Ion Ratio Lower Upper

64 100

66 28.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

3000

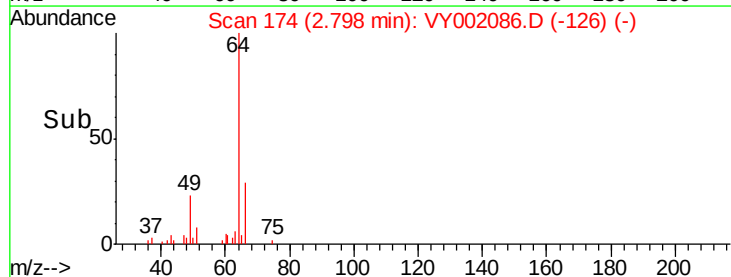
2000

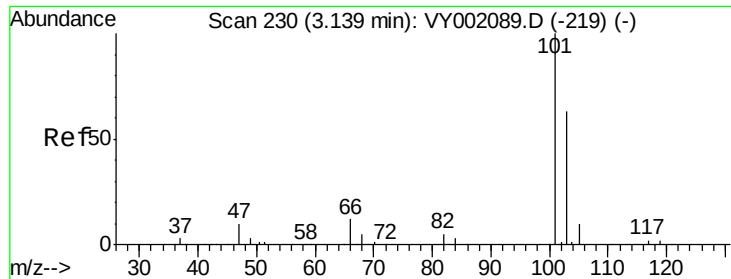
1000

0

Time-->

2.75 2.80 2.85



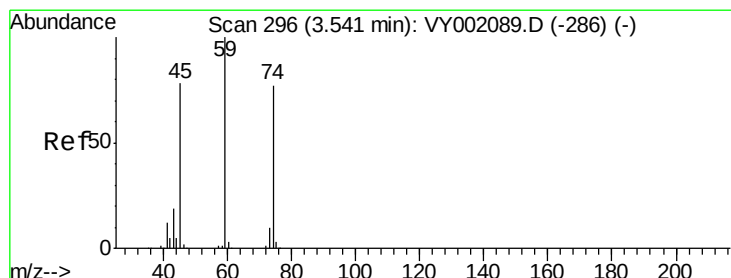
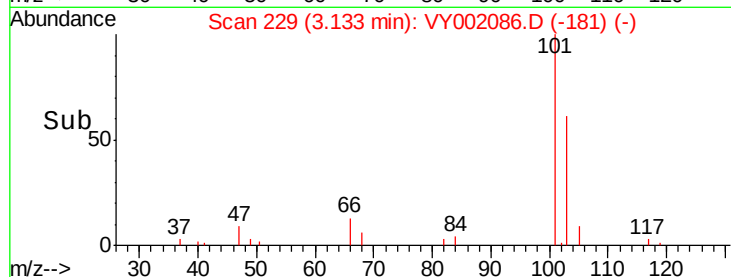
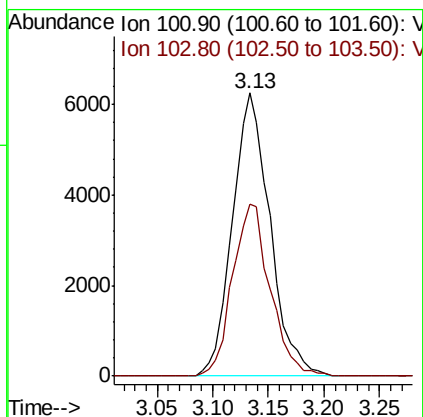
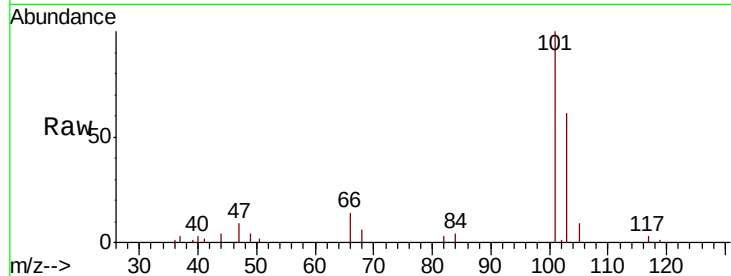


#7

Trichlorofluoromethane
Concen: 5.068 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

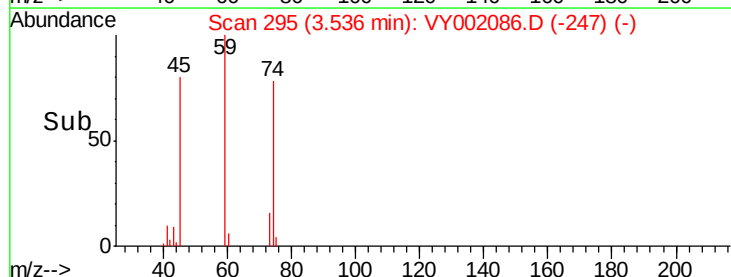
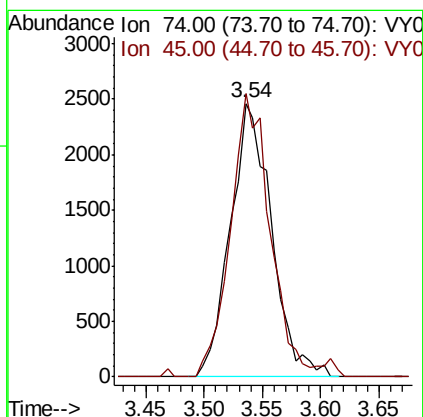
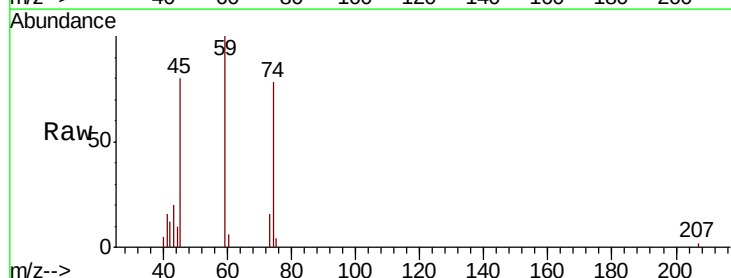
Tot Ion:101 Resp: 14640
Ion Ratio Lower Upper
101 100
103 60.9 50.6 76.0

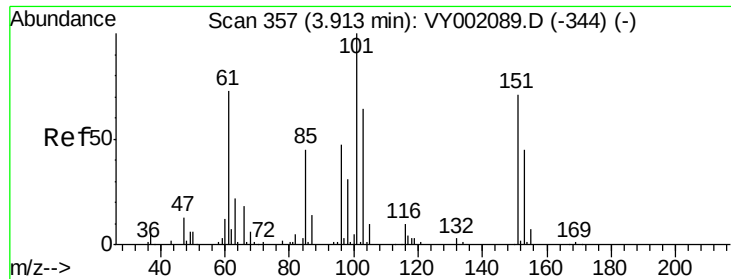


#8

Diethyl Ether
Concen: 5.272 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 74 Resp: 6053
Ion Ratio Lower Upper
74 100
45 98.8 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.046 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

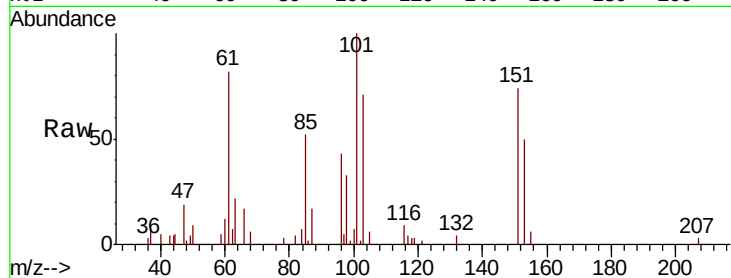
Tot Ion:101 Resp: 9420

Ion Ratio Lower Upper

101 100

85 45.2 35.9 53.9

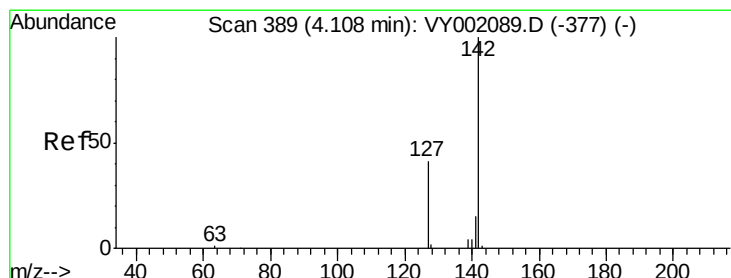
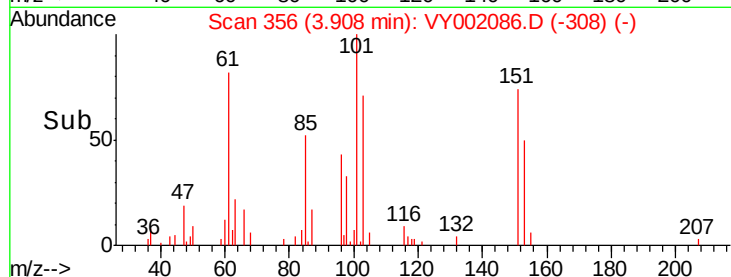
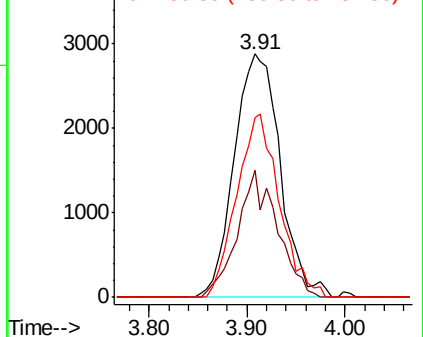
151 69.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.387 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

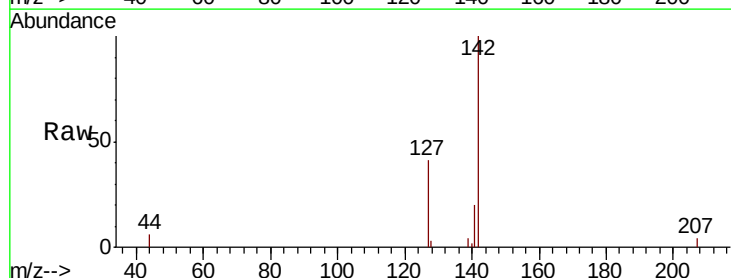
Tgt Ion:142 Resp: 9458

Ion Ratio Lower Upper

142 100

127 40.0 32.6 49.0

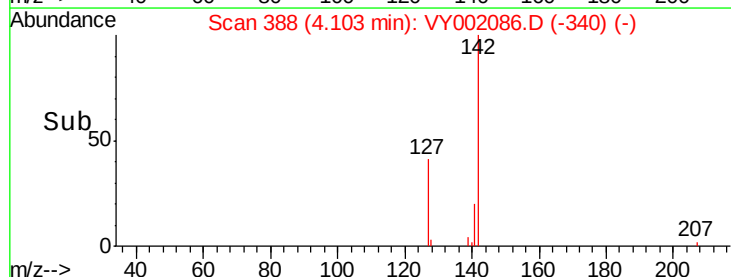
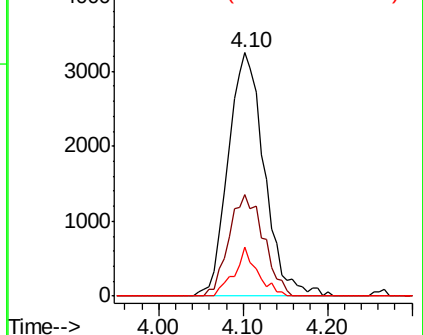
141 13.0 11.4 17.0

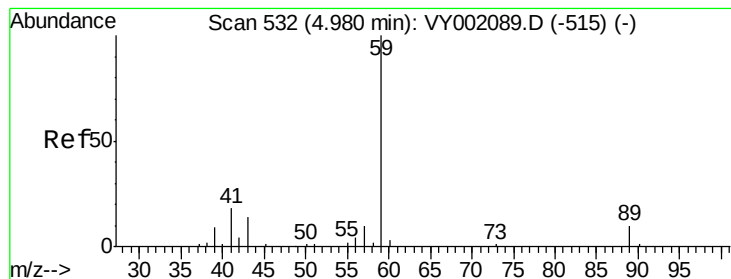


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



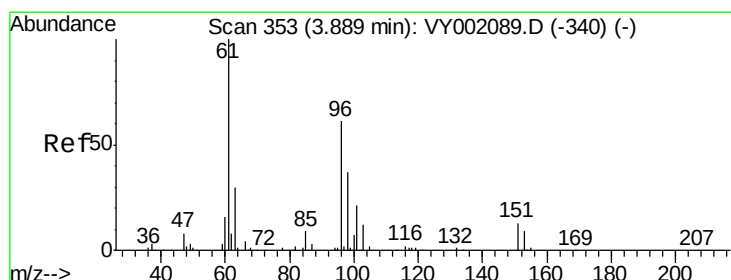
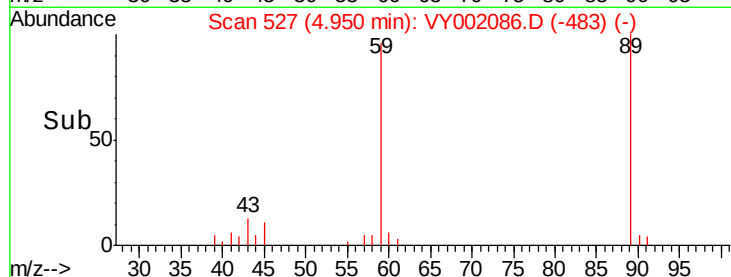
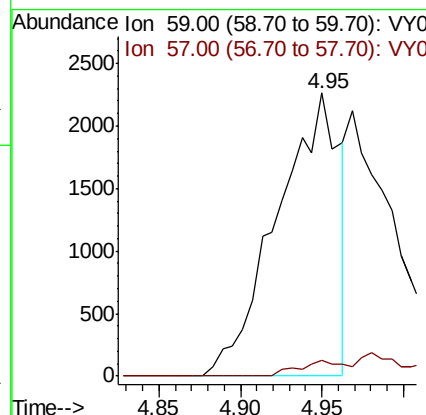
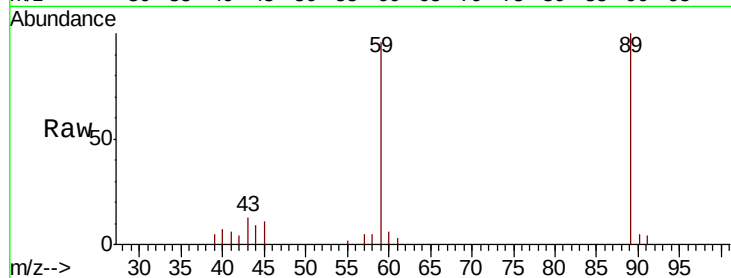


#11

Tert butyl alcohol
 Concen: 27.181 ug/l
 RT: 4.95 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

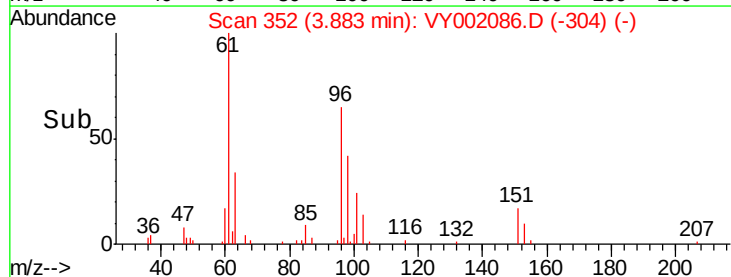
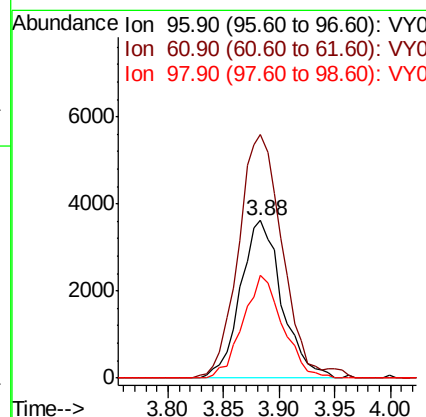
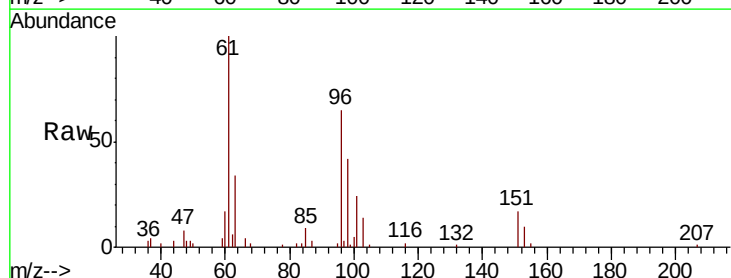
Tot Ion: 59.00 Resp: 6028
 Ion Ratio Lower Upper
 59 100
 57 4.0 7.7 11.5#

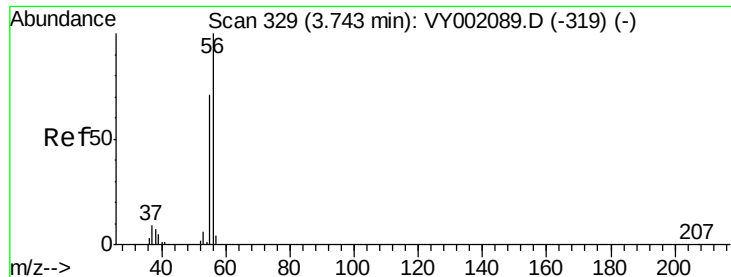


#12

1,1-Dichloroethene
 Concen: 4.984 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 96 Resp: 9365
 Ion Ratio Lower Upper
 96 100
 61 154.7 132.0 198.0
 98 65.4 49.4 74.0





#13

Acrolein

Concen: 21.841 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

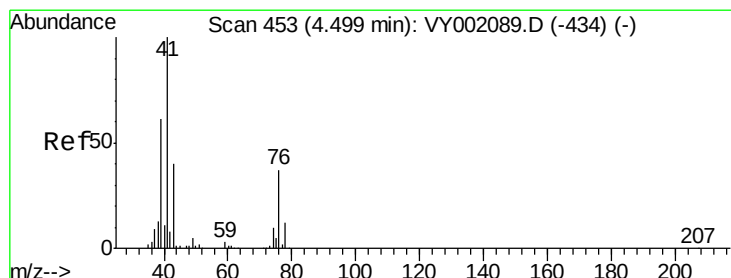
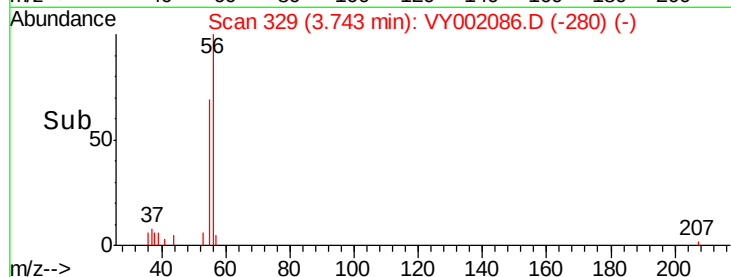
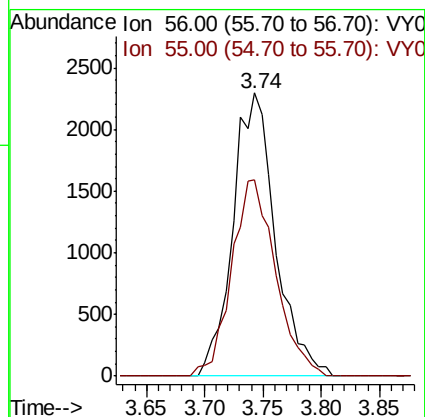
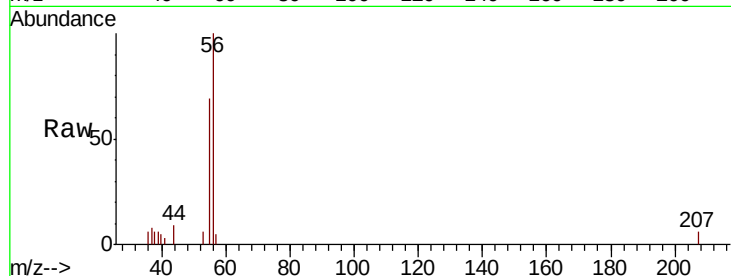
VSTDIC005

Tot Ion: 56 Resp: 5825

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



#14

Allyl chloride

Concen: 5.073 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

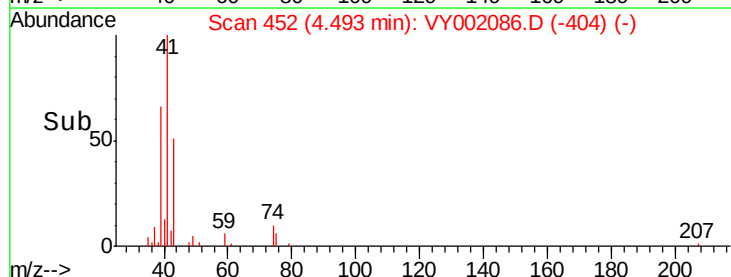
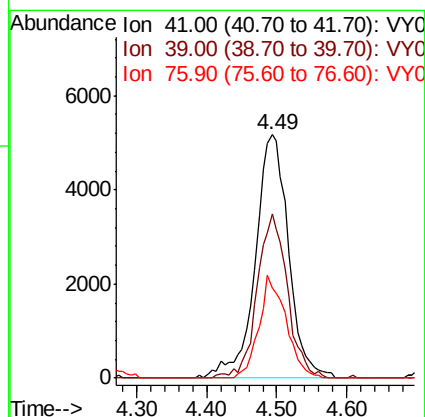
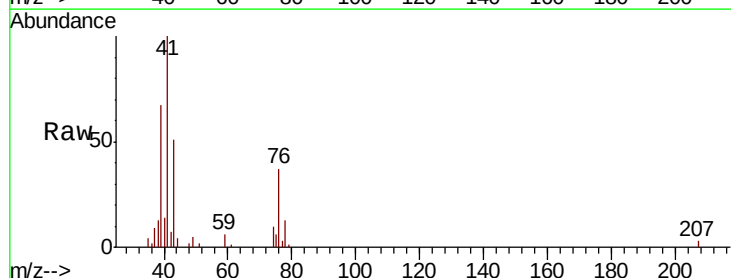
Tgt Ion: 41 Resp: 17066

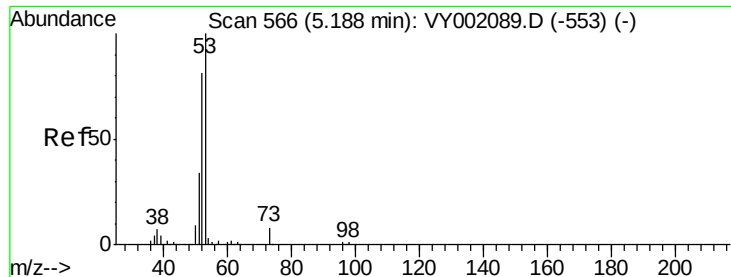
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 34.5 27.8 41.8





#15

Acrylonitrile

Concen: 24.649 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

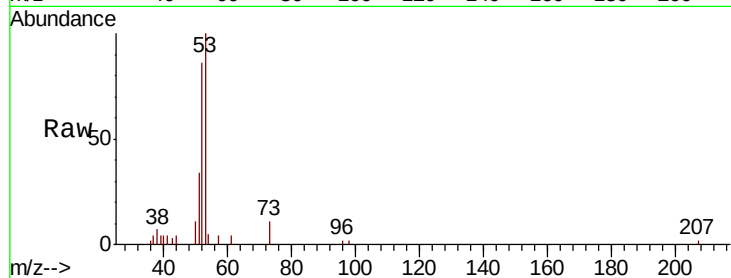
Tot Ion: 53 Resp: 15132

Ion Ratio Lower Upper

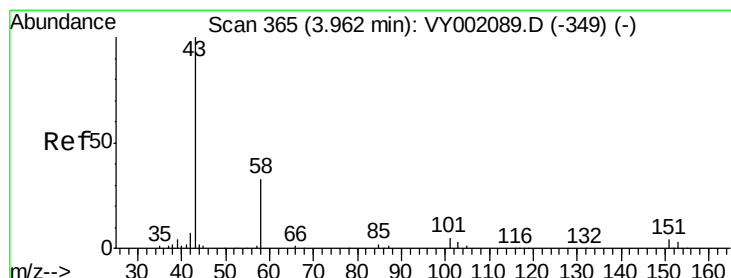
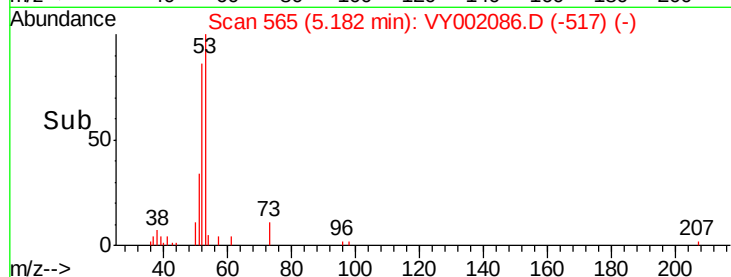
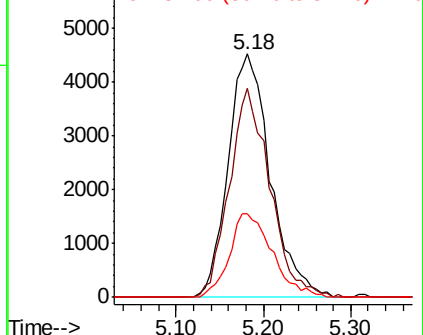
53 100

52 82.9 64.6 97.0

51 34.9 27.9 41.9



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: 28.028 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002086.D

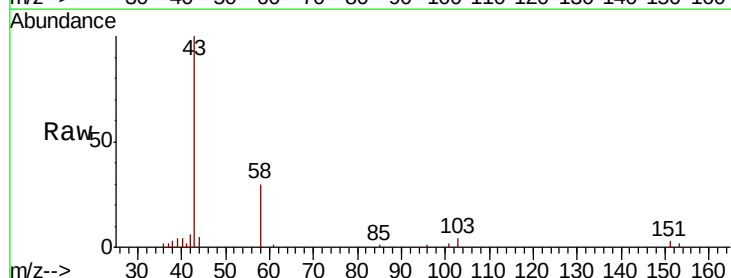
Acq: 26 Mar 2020 15:17

Tgt Ion: 43 Resp: 14771

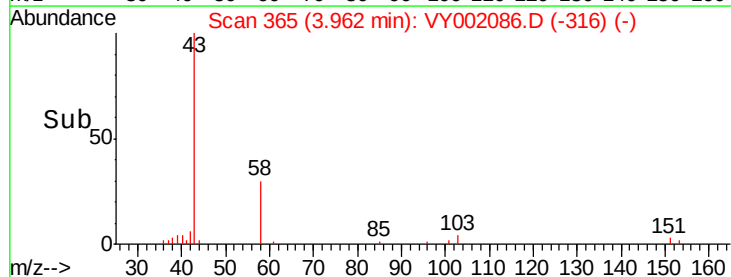
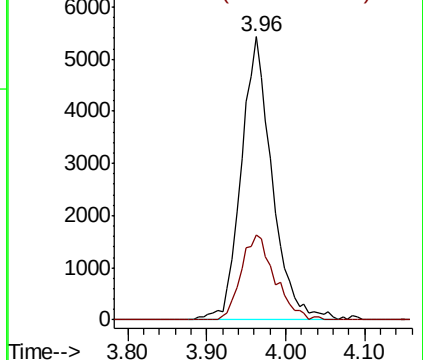
Ion Ratio Lower Upper

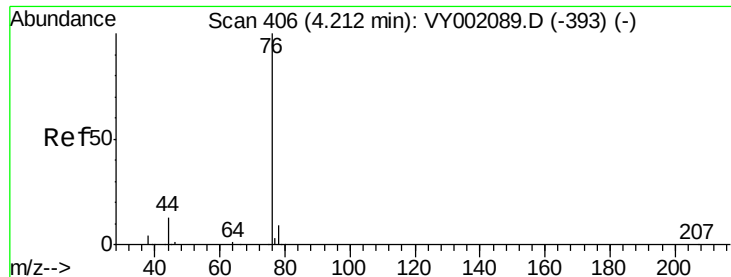
43 100

58 30.0 26.3 39.5



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





#17

Carbon Disulfide

Concen: 4.863 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

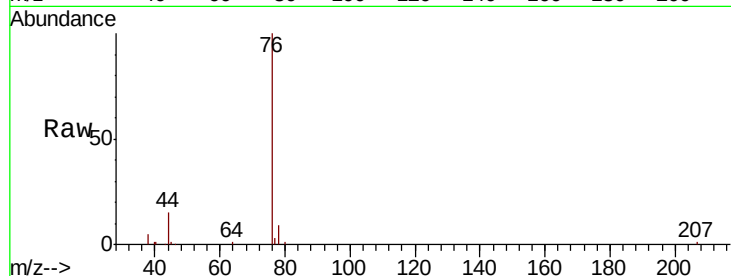
VSTDIC005

Tot Ion: 76 Resp: 30673

Ion Ratio Lower Upper

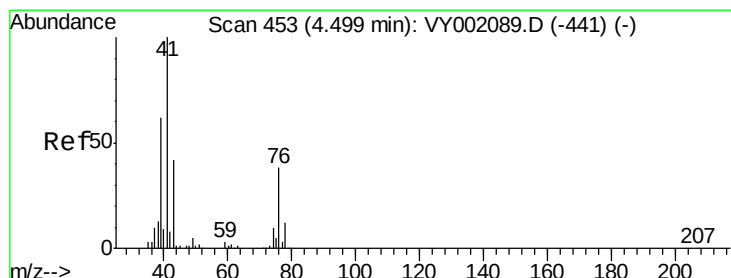
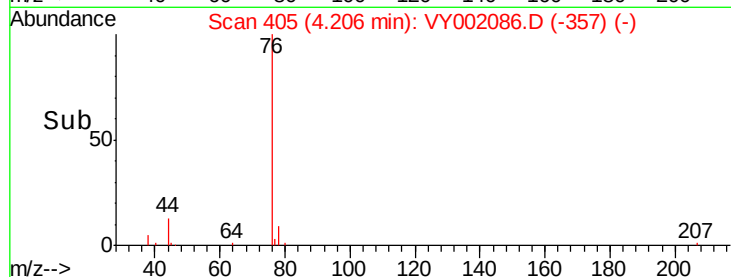
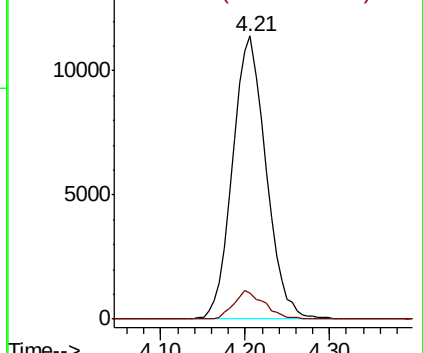
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 5.257 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002086.D

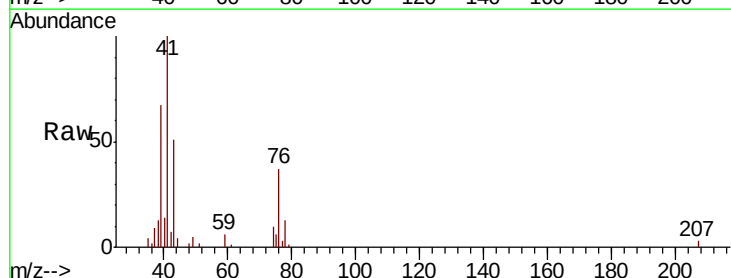
Acq: 26 Mar 2020 15:17

Tgt Ion: 43 Resp: 7115

Ion Ratio Lower Upper

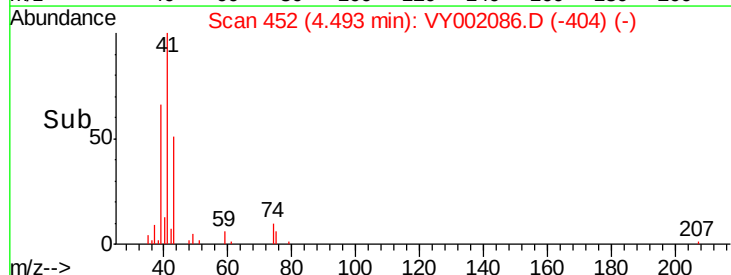
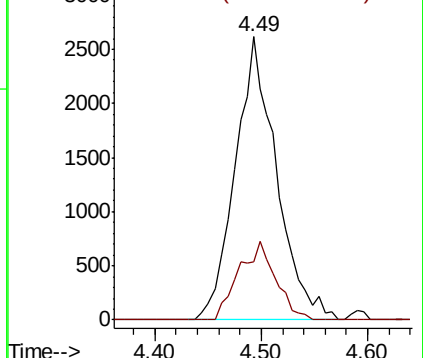
43 100

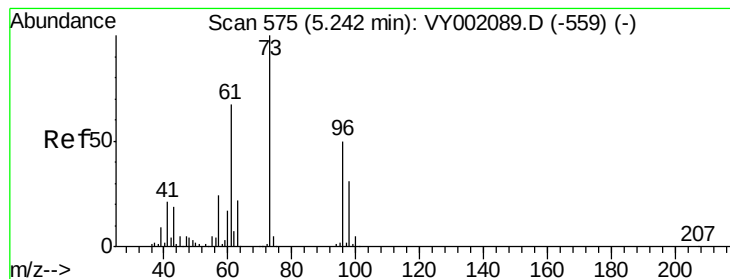
74 24.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



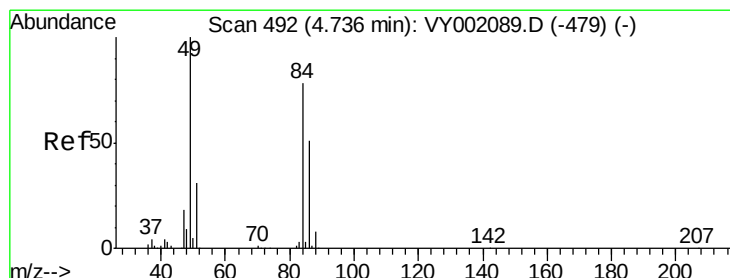
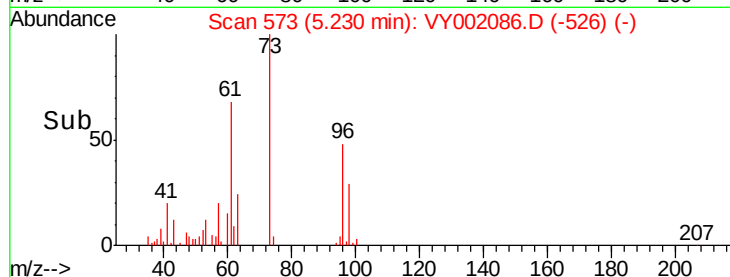
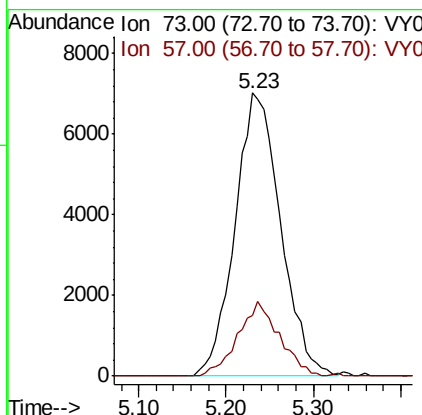
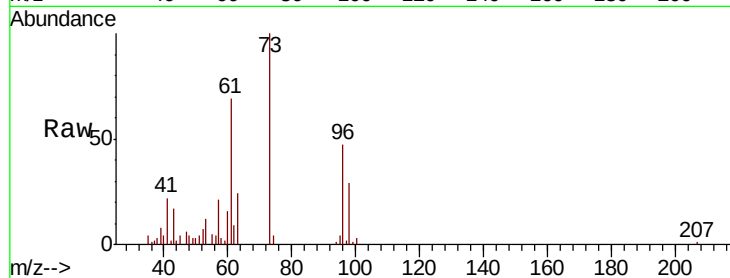


#19

Methyl tert-butyl Ether
 Concen: 4.973 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

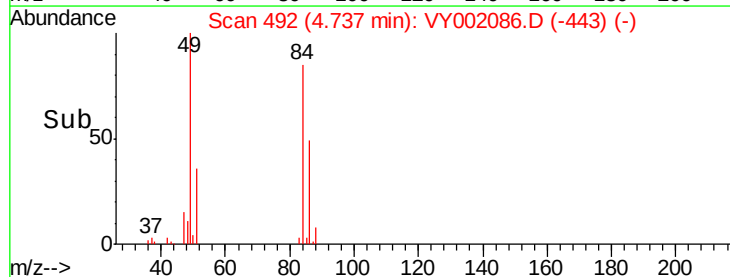
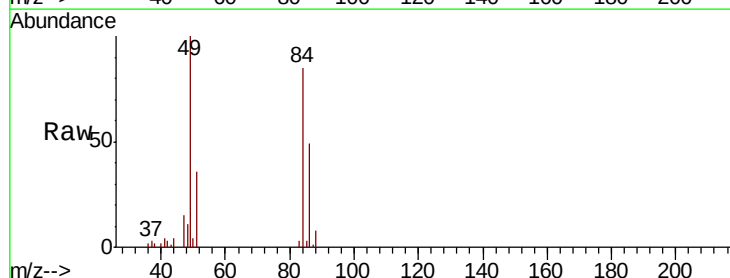
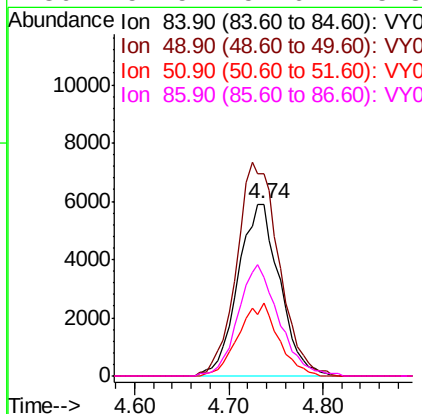
Tot Ion: 73 Resp: 25477
 Ion Ratio Lower Upper
 73 100
 57 21.3 19.0 28.6

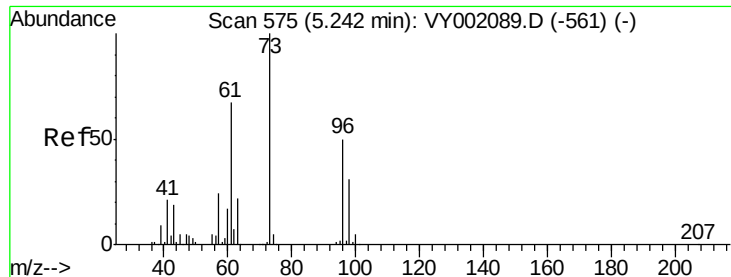


#20

Methylene Chloride
 Concen: 8.086 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 84 Resp: 18333
 Ion Ratio Lower Upper
 84 100
 49 117.3 102.2 153.4
 51 42.4 31.2 46.8
 86 57.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 4.824 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

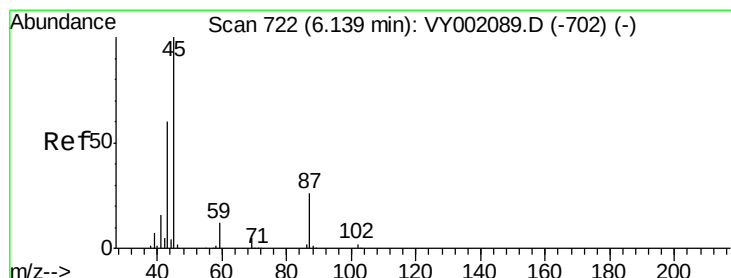
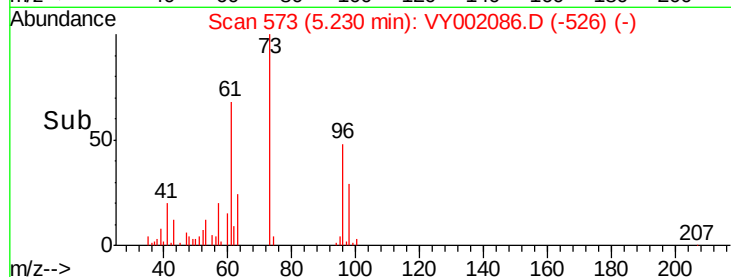
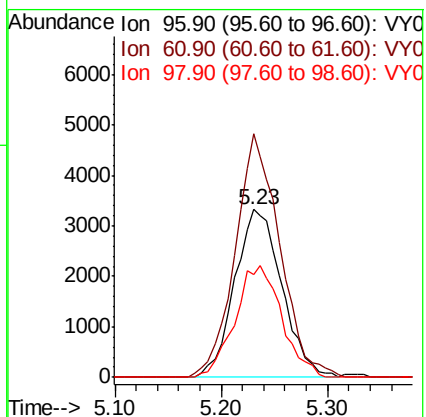
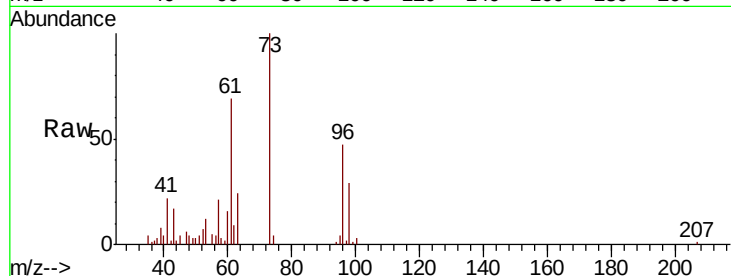
Tot Ion: 96 Resp: 10333

Ion Ratio Lower Upper

96 100

61 145.1 107.7 161.5

98 61.0 50.5 75.7



#22

Diisopropyl ether

Concen: 4.991 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Tgt Ion: 45 Resp: 34455

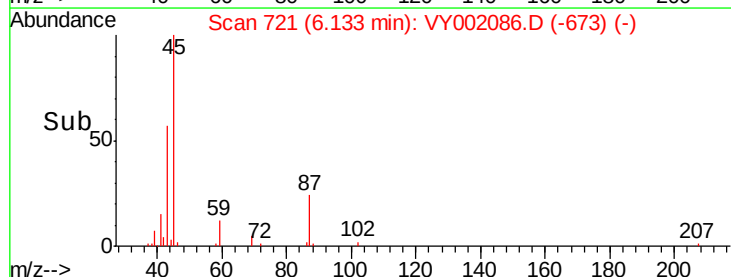
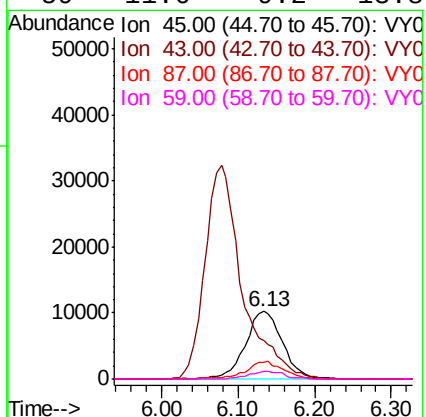
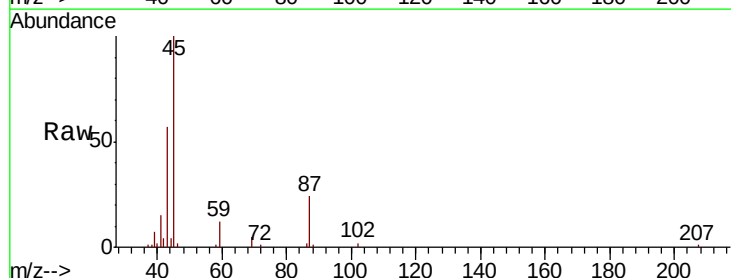
Ion Ratio Lower Upper

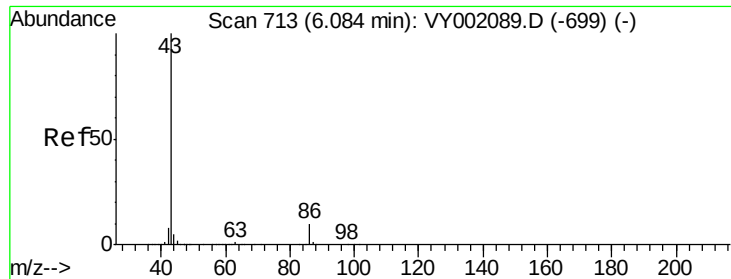
45 100

43 56.5 48.1 72.1

87 24.4 21.1 31.7

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 24.305 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

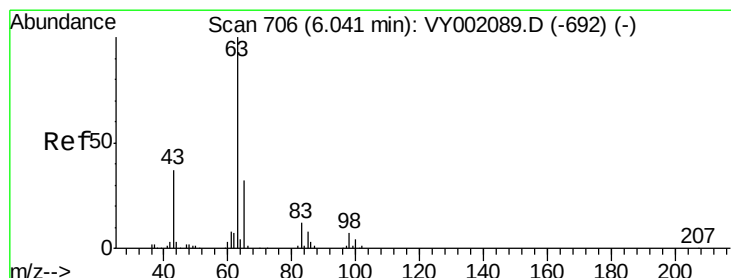
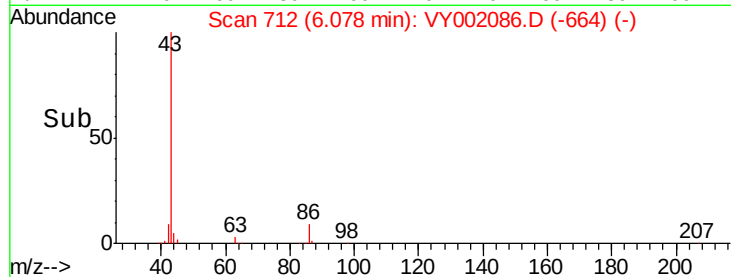
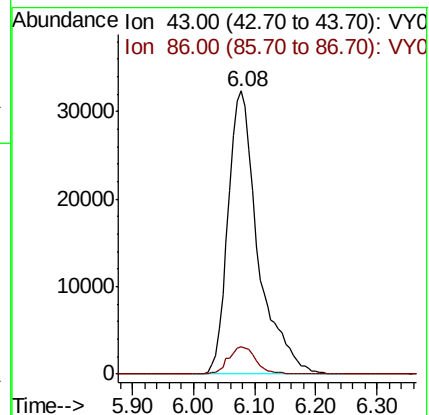
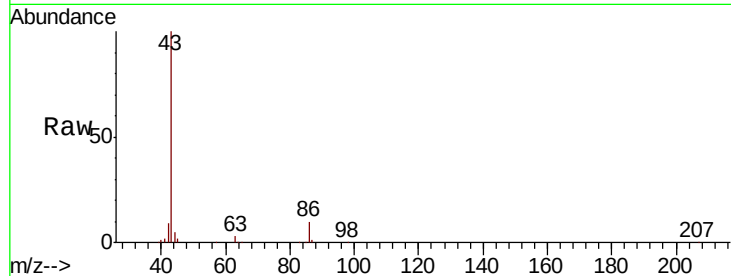
VSTDIC005

Tot Ion: 43 Resp: 109697

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 4.882 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

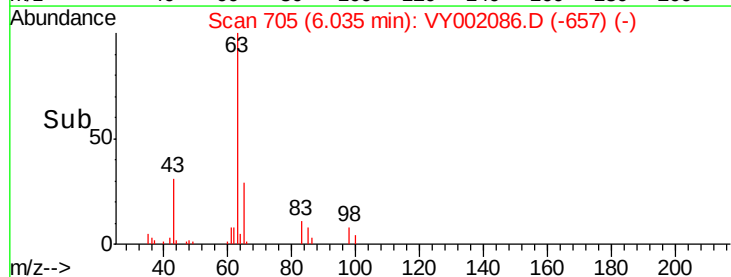
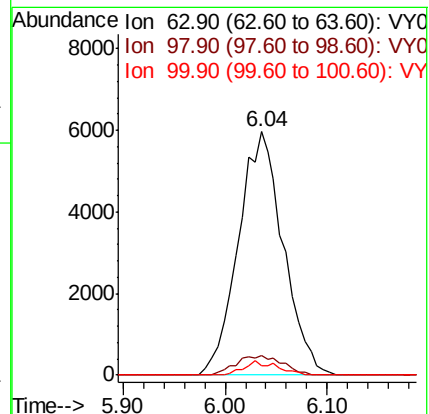
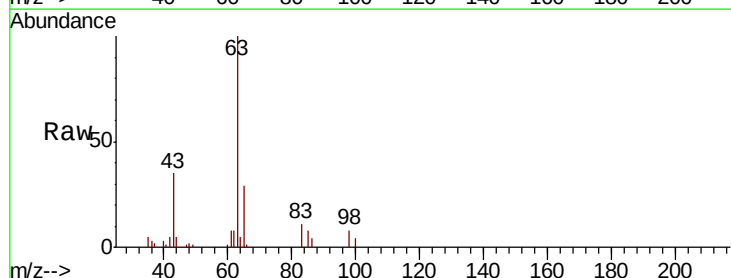
Tgt Ion: 63 Resp: 18190

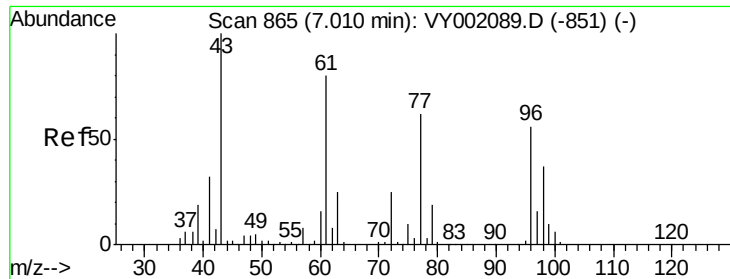
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 25.877 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

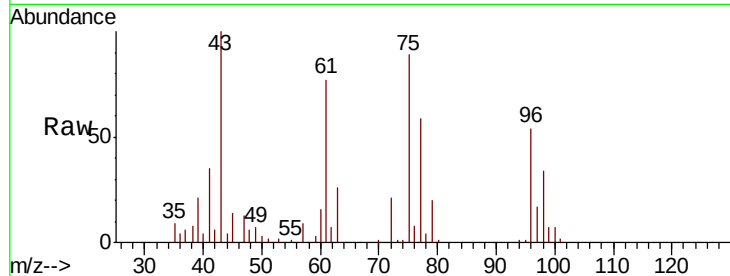
VSTDIC005

Tot Ion: 43 Resp: 20748

Ion Ratio Lower Upper

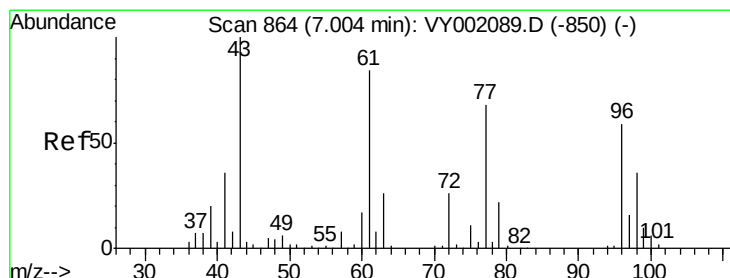
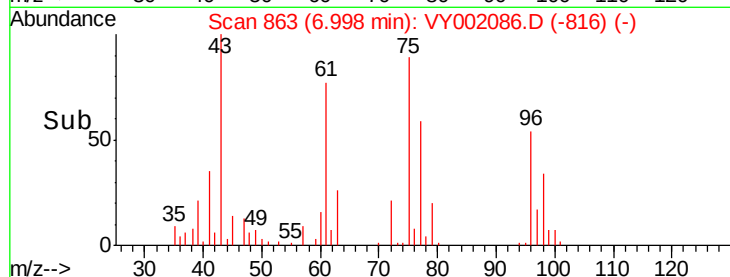
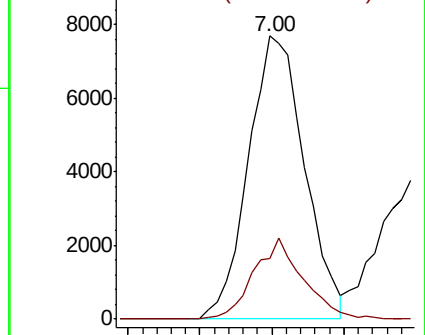
43 100

72 21.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 4.968 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002086.D

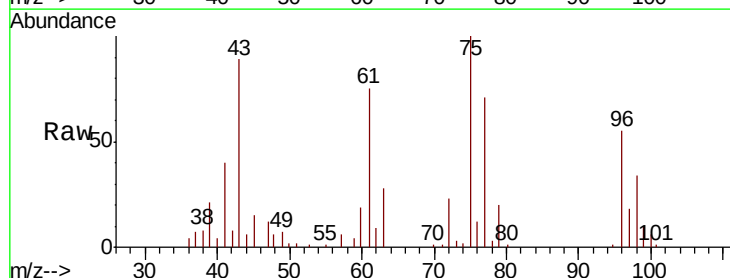
Acq: 26 Mar 2020 15:17

Tgt Ion: 77 Resp: 15225

Ion Ratio Lower Upper

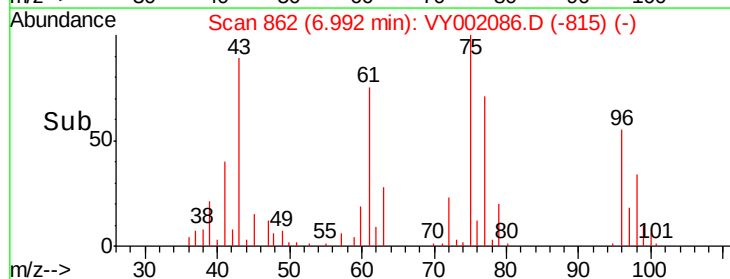
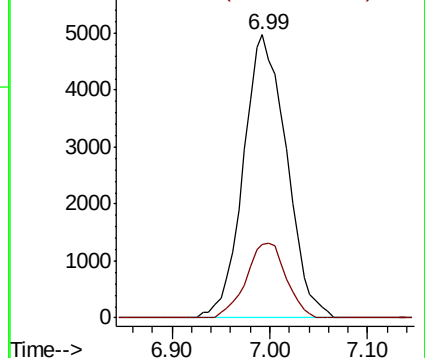
77 100

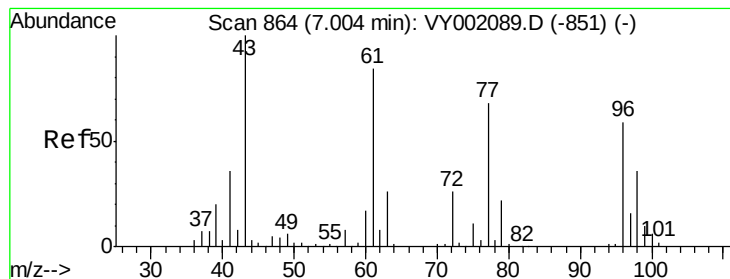
97 24.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



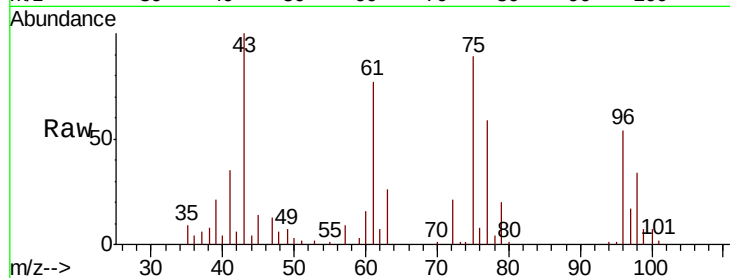


#27

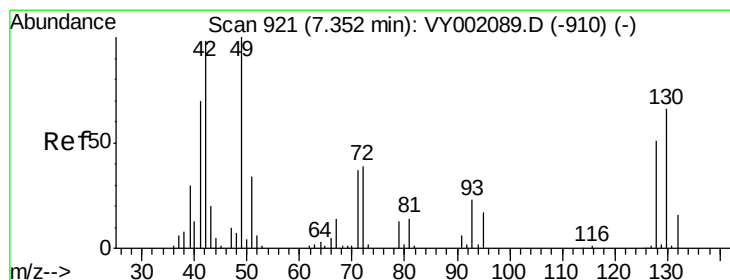
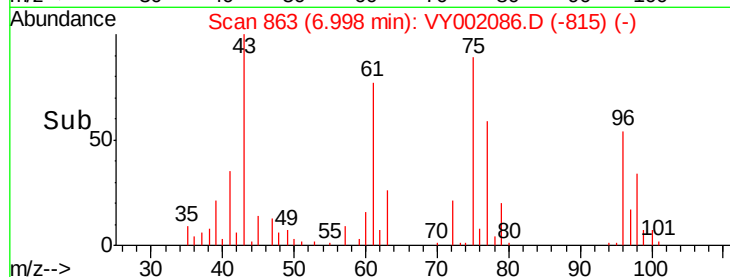
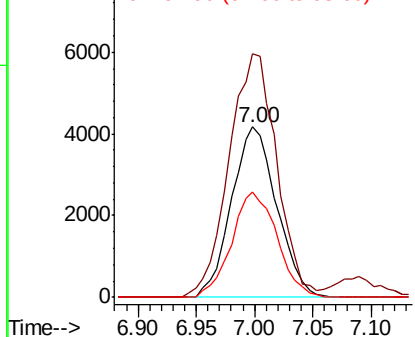
cis-1,2-Dichloroethene
Concen: 4.821 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 11245
Ion Ratio Lower Upper
96 100
61 151.0 0.0 290.6
98 62.0 0.0 128.0



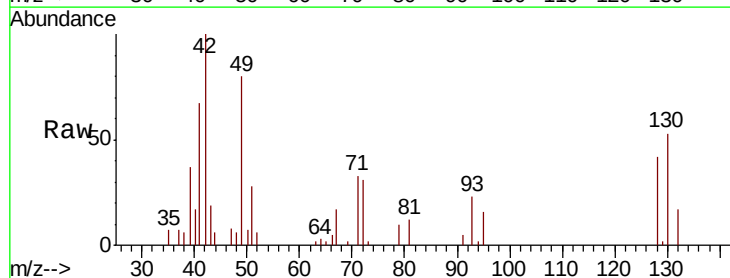
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



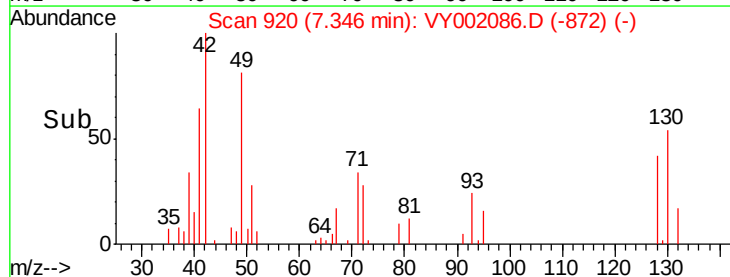
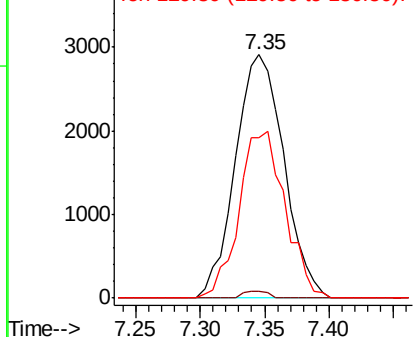
#28

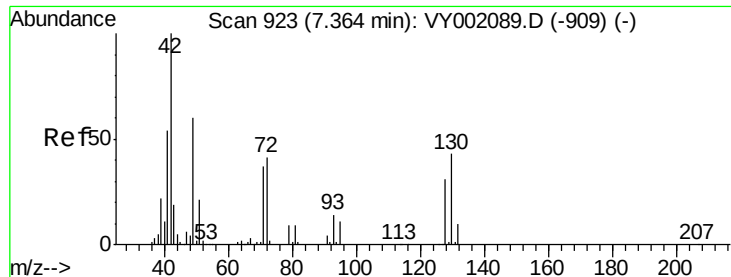
Bromochloromethane
Concen: 4.479 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 49 Resp: 7617
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.4
130 64.8 54.1 81.1



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

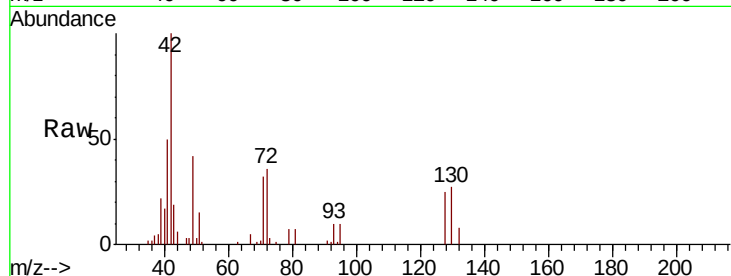




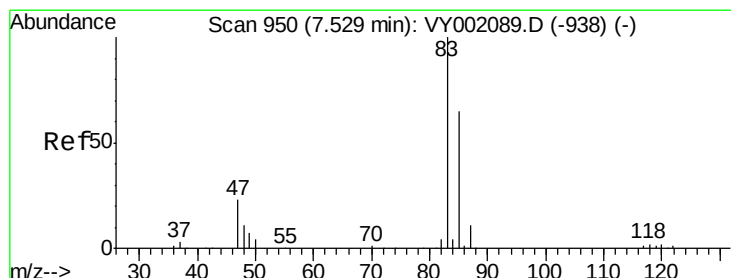
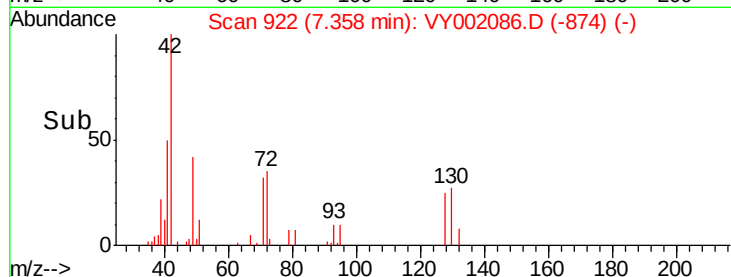
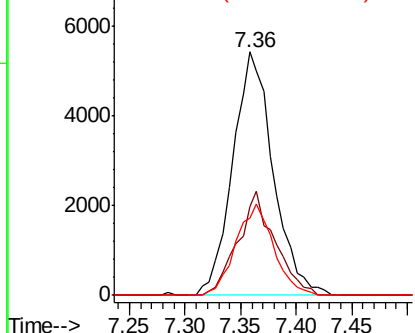
#29
Tetrahydrofuran
Concen: 25.644 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 13686
Ion Ratio Lower Upper
42 100
72 39.0 33.0 49.4
71 34.9 31.2 46.8

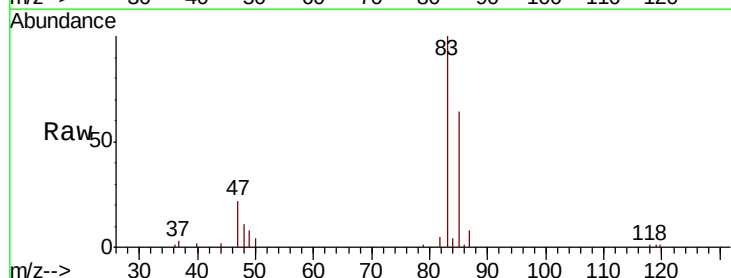


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

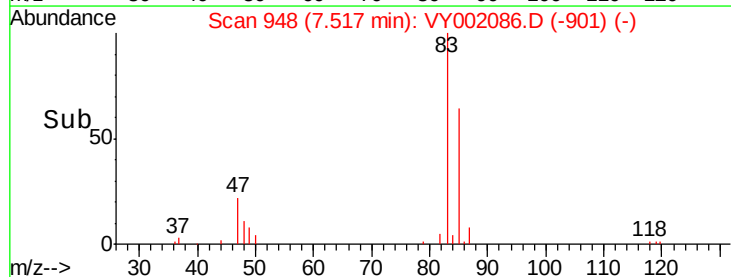
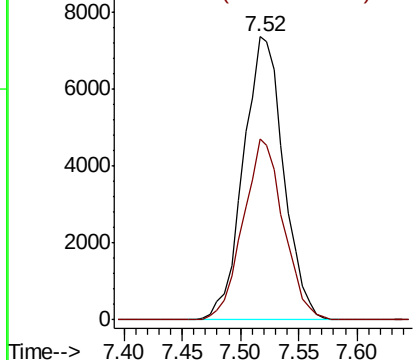


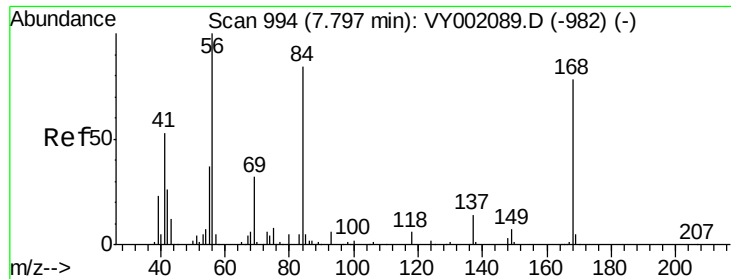
#30
Chloroform
Concen: 5.044 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 83 Resp: 17647
Ion Ratio Lower Upper
83 100
85 63.9 52.4 78.6



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

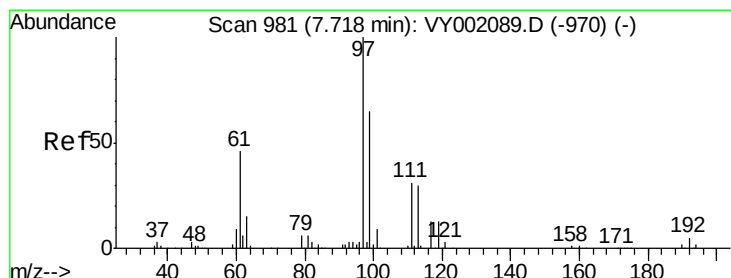
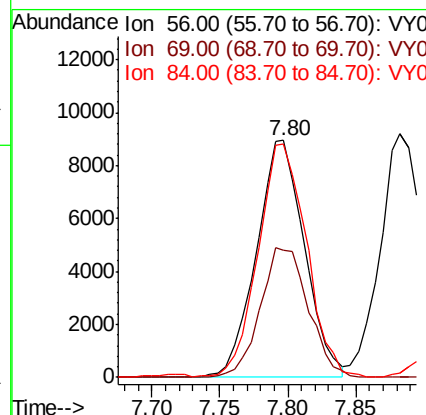
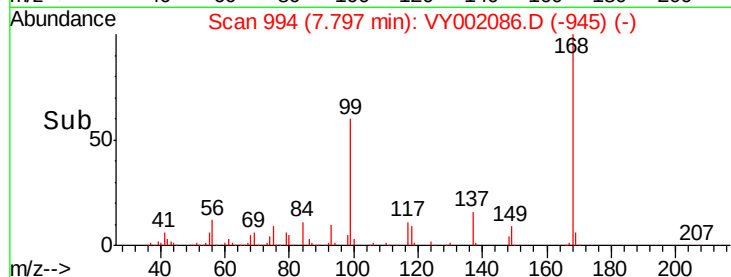
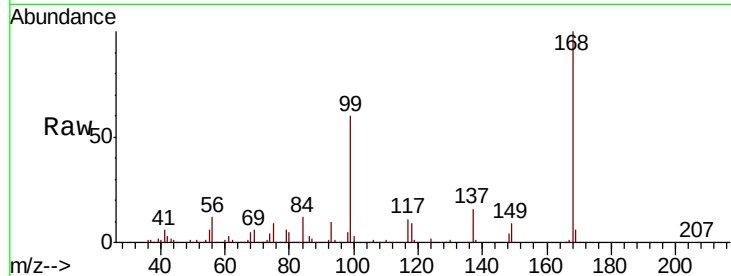




#31
Cyclohexane
Concen: 5.568 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

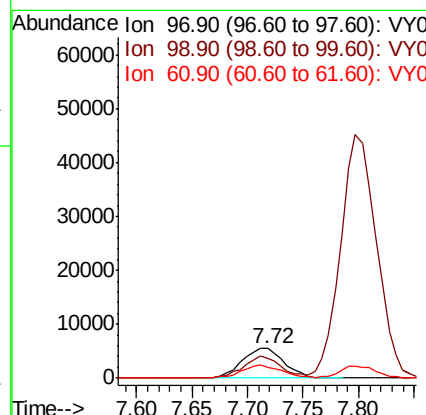
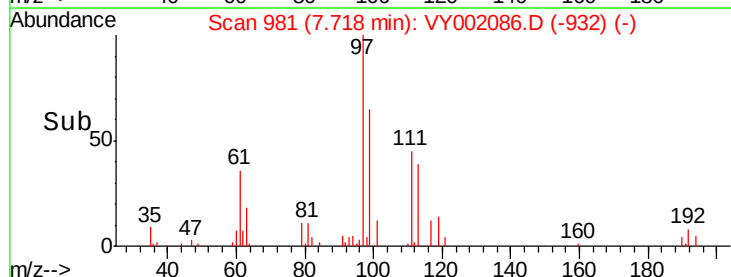
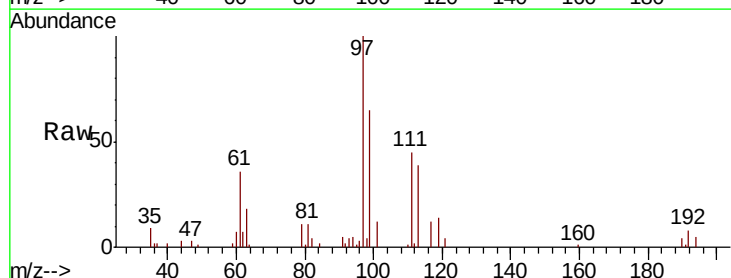
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

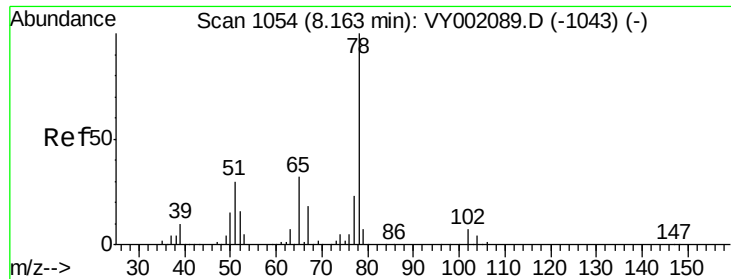
Tot Ion: 56 Resp: 22181
Ion Ratio Lower Upper
56 100
69 53.5 25.8 38.8#
84 98.5 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 4.904 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 97 Resp: 14439
Ion Ratio Lower Upper
97 100
99 67.4 52.0 78.0
61 42.0 35.7 53.5

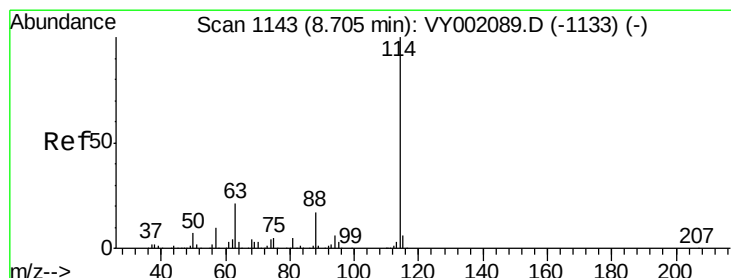
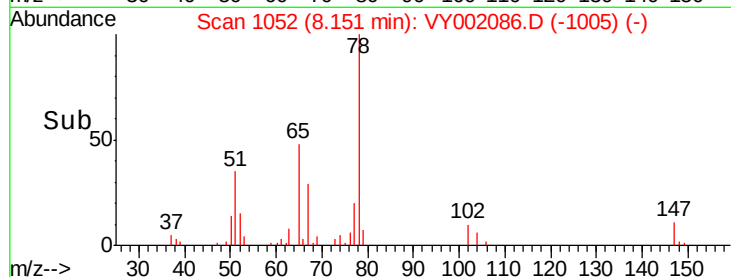
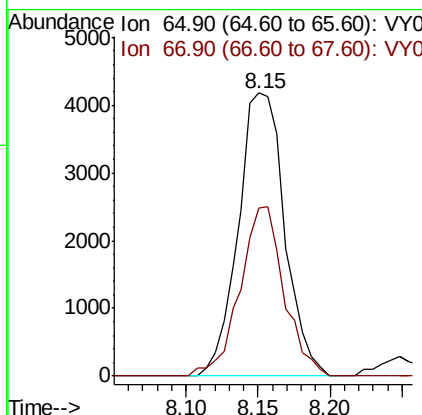
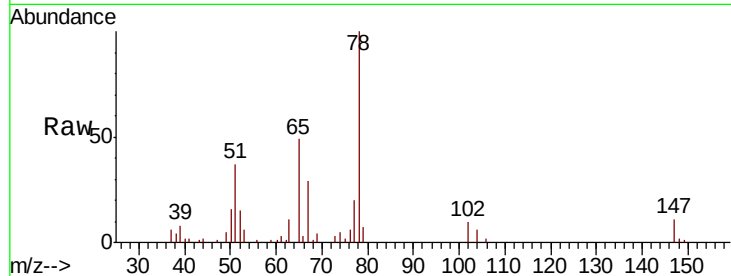




#33
 1,2-Dichloroethane-d4
 Concen: 5.052 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

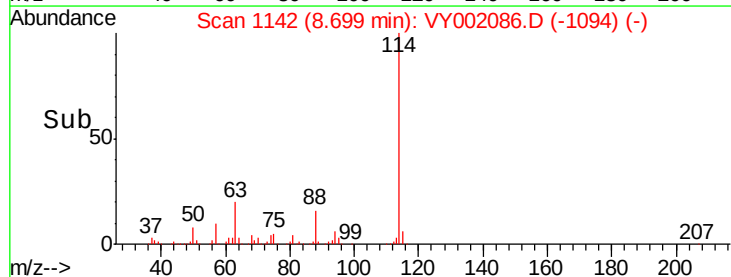
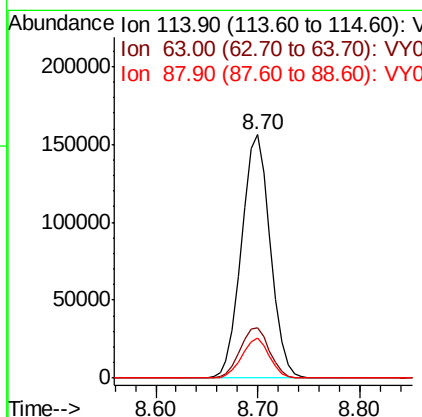
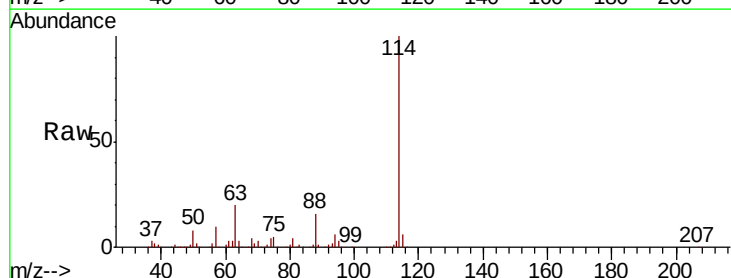
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

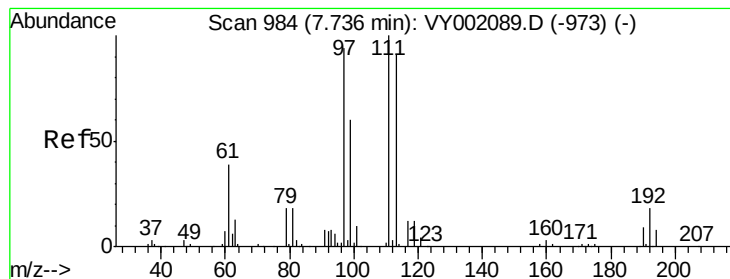
Tot Ion: 65 Resp: 9309
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 114 Resp: 305500
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 4.954 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

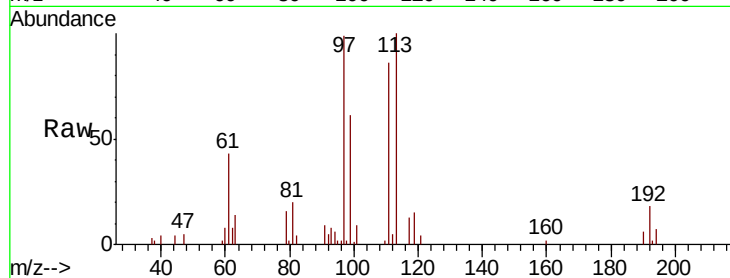
Tot Ion:113 Resp: 8311

Ion Ratio Lower Upper

113 100

111 104.4 84.4 126.6

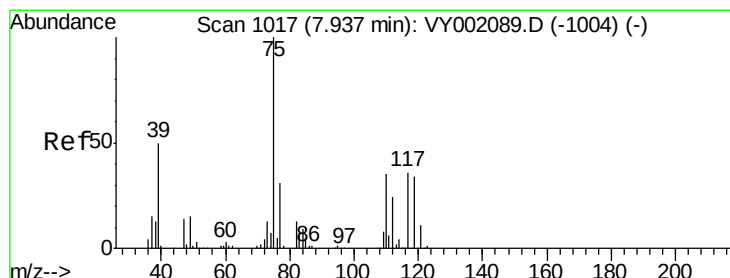
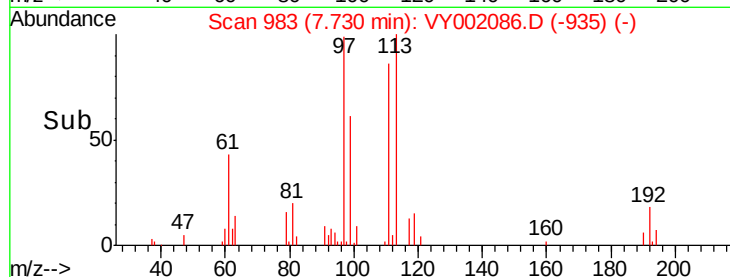
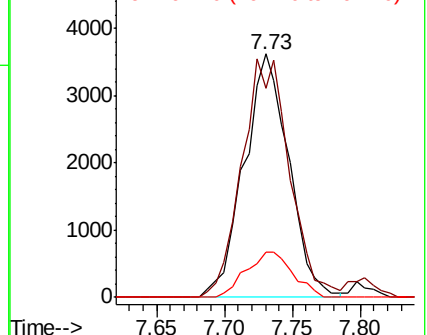
192 19.4 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

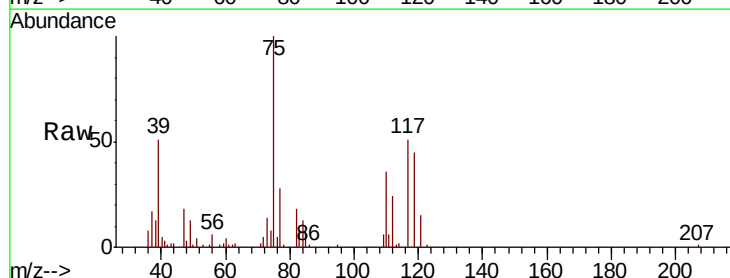
Tgt Ion: 75 Resp: 14748

Ion Ratio Lower Upper

75 100

110 34.0 17.2 51.6

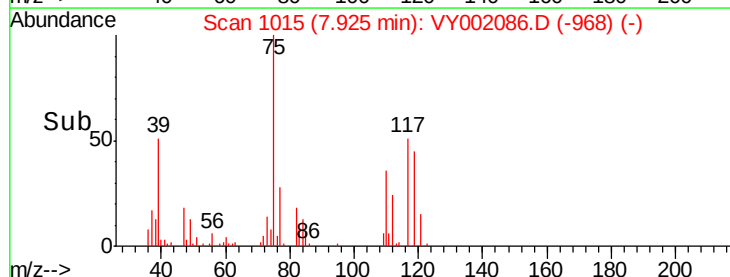
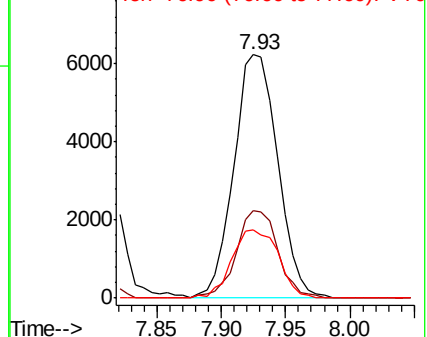
77 29.8 24.7 37.1

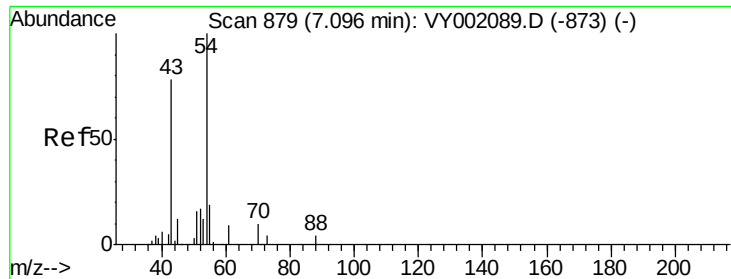


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

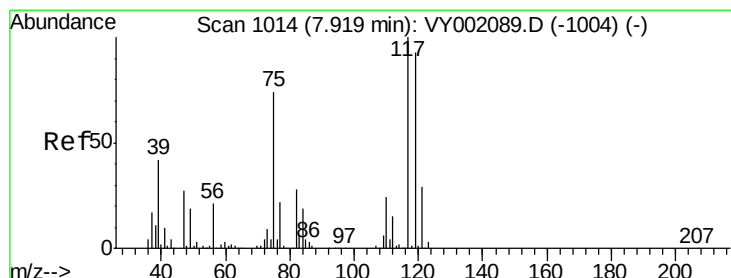
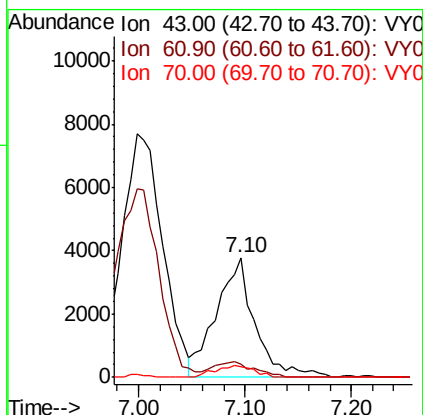
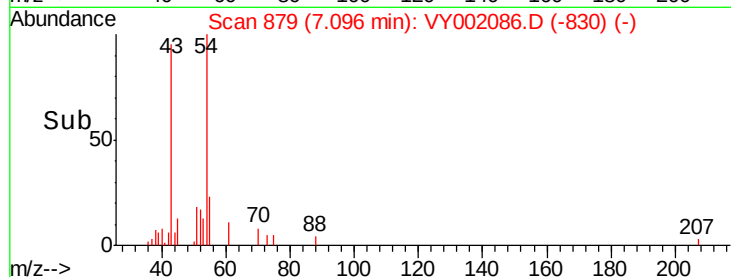
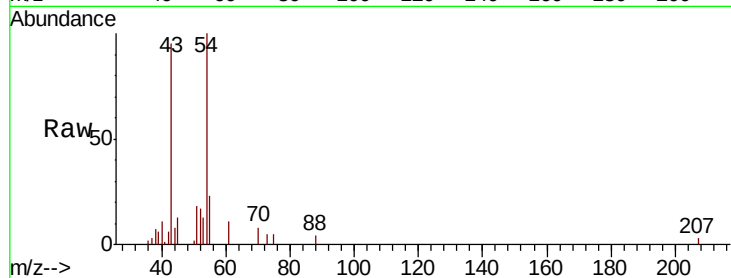




#37
Ethyl Acetate
Concen: 5.638 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

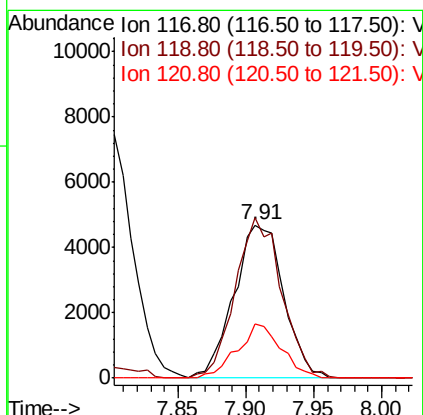
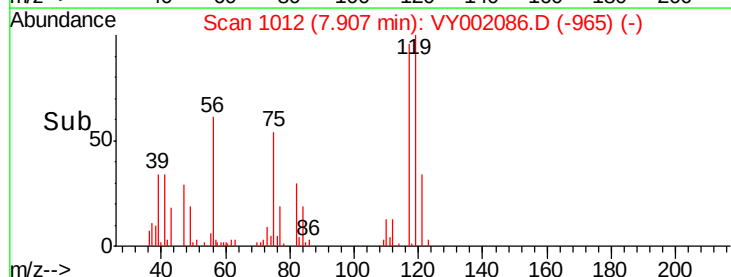
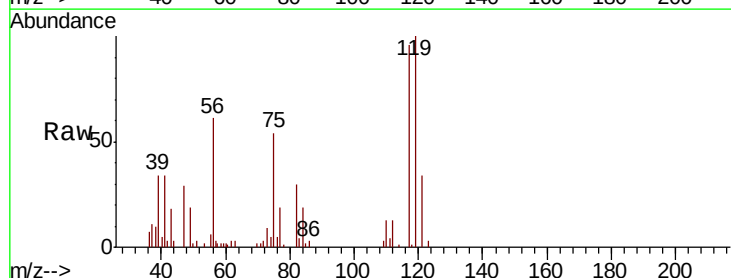
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

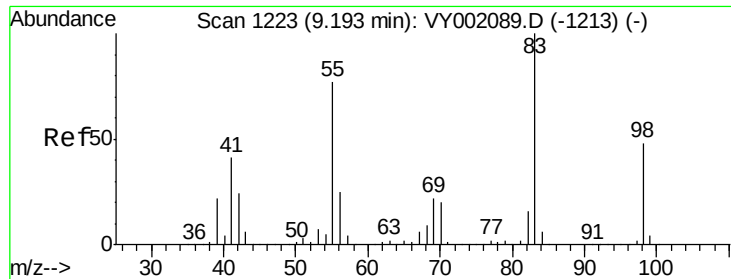
Tot Ion: 43 Resp: 9525
Ion Ratio Lower Upper
43 100
61 13.6 11.2 16.8
70 9.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 4.798 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 117 Resp: 11980
Ion Ratio Lower Upper
117 100
119 104.6 74.3 111.5
121 35.1 23.3 34.9#

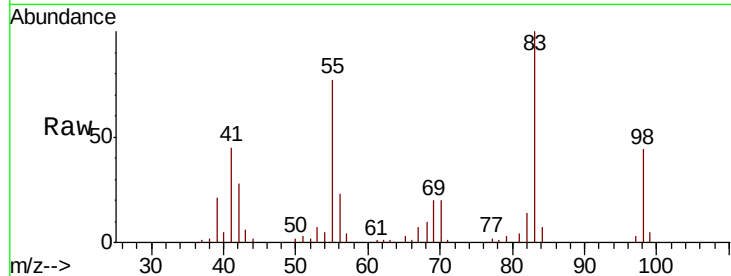




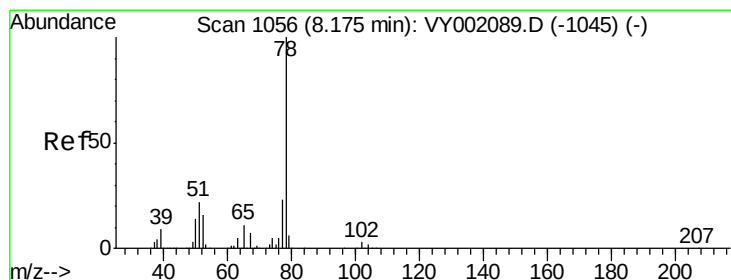
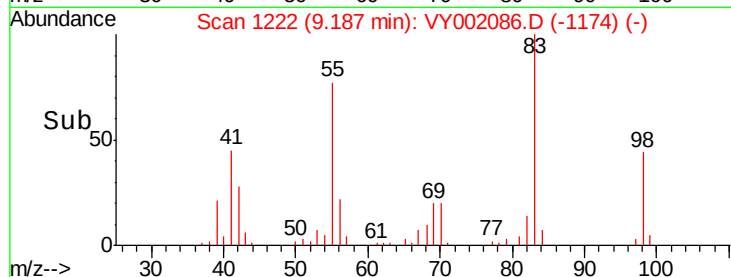
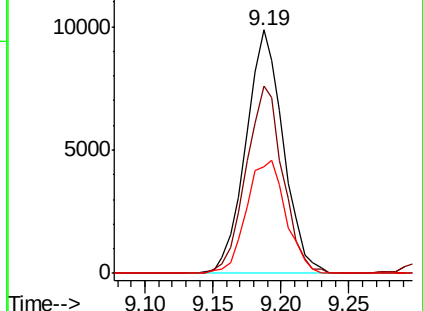
#39
Methylvlcyclohexane
Concen: 4.889 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 18933
Ion Ratio Lower Upper
83 100
55 77.0 61.2 91.8
98 44.0 38.2 57.2

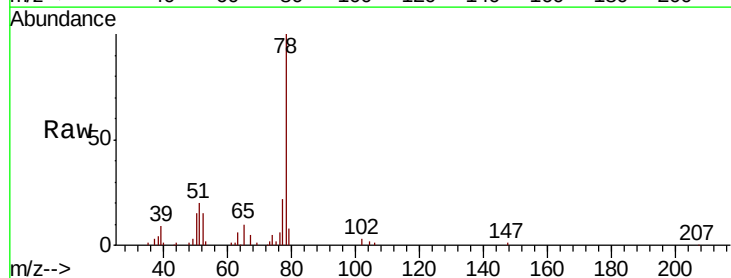


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

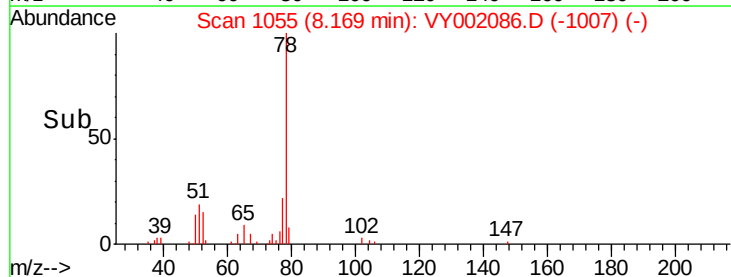
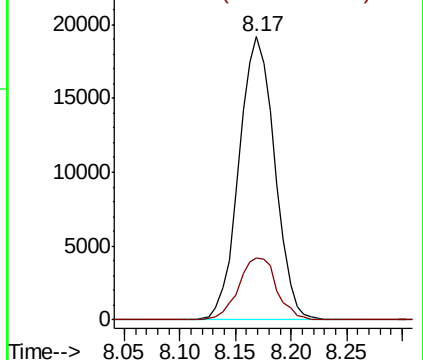


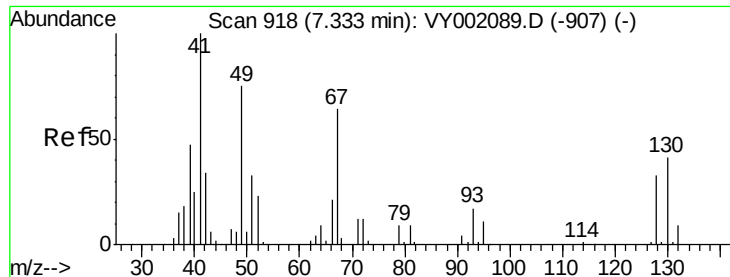
#40
Benzene
Concen: 4.936 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 78 Resp: 42709
Ion Ratio Lower Upper
78 100
77 21.9 18.2 27.4



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

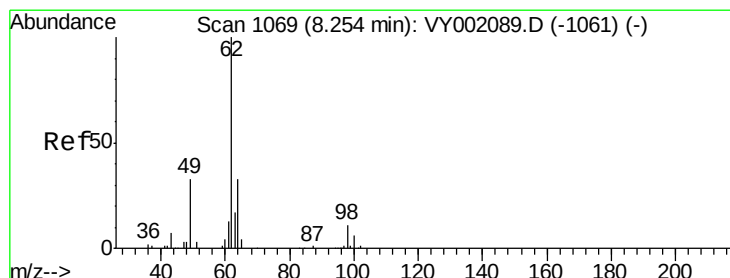
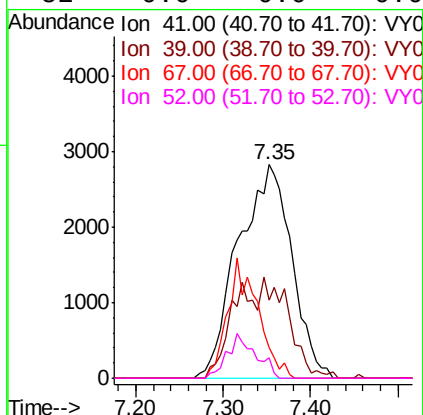
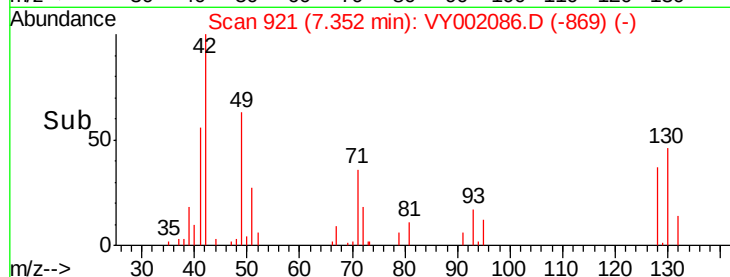
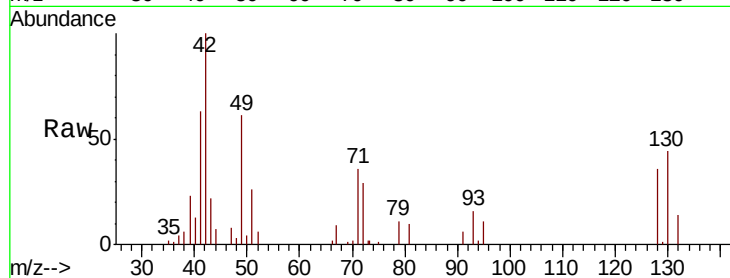




#41
Methacrylonitrile
Concen: 15.262 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

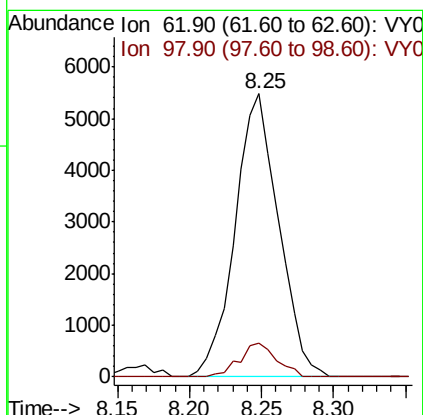
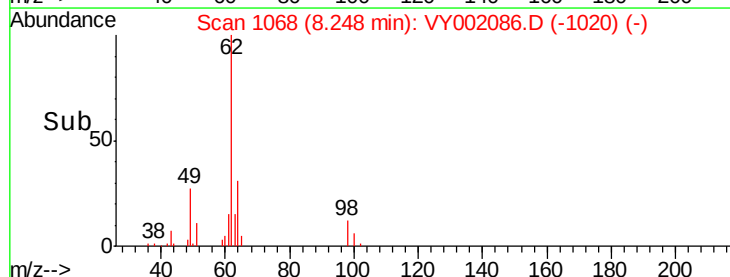
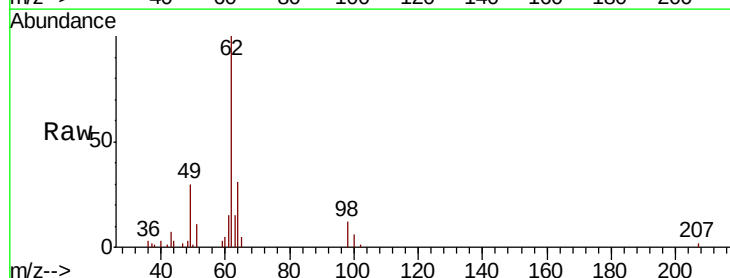
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

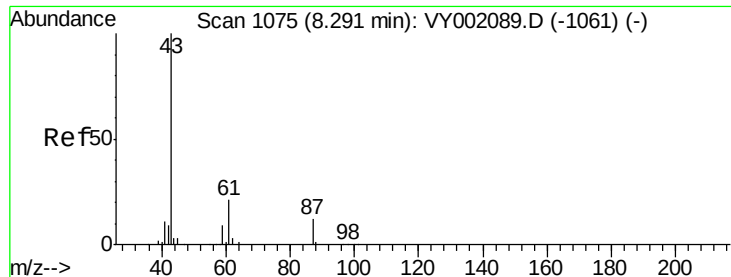
Tot Ion:	41	Resp:	12012
Ion	Ratio	Lower	Upper
41	100		
39	24.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.169 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:	62	Resp:	11540
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.2





#43

Isopropyl Acetate

Concen: 5.015 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

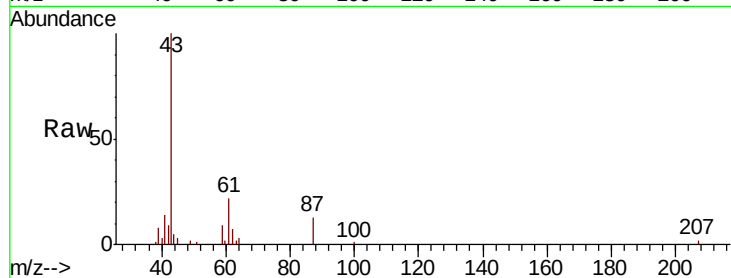
Tot Ion: 43 Resp: 16101

Ion Ratio Lower Upper

43 100

61 29.8 23.4 35.2

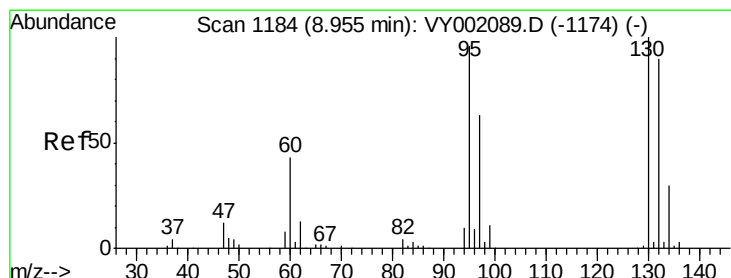
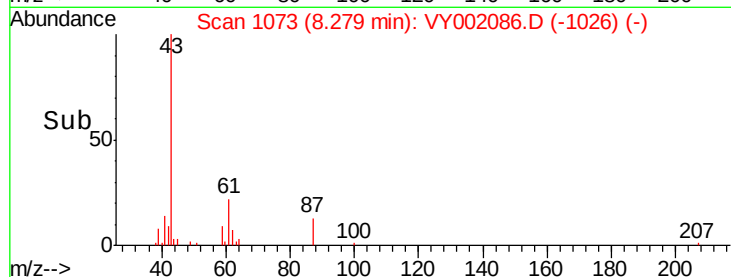
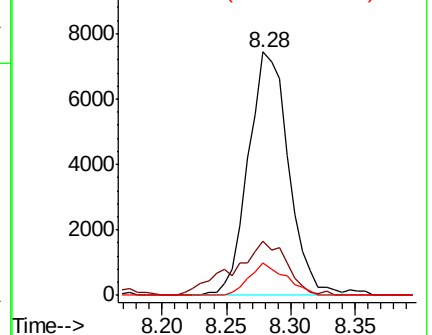
87 12.1 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002089.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002089.D (-1061) (-)



#44

Trichloroethene

Concen: 4.848 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002086.D

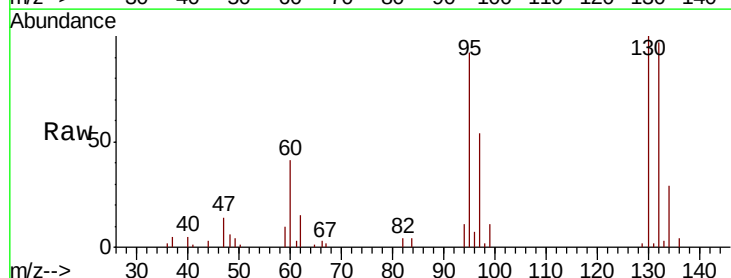
Acq: 26 Mar 2020 15:17

Tgt Ion:130 Resp: 10229

Ion Ratio Lower Upper

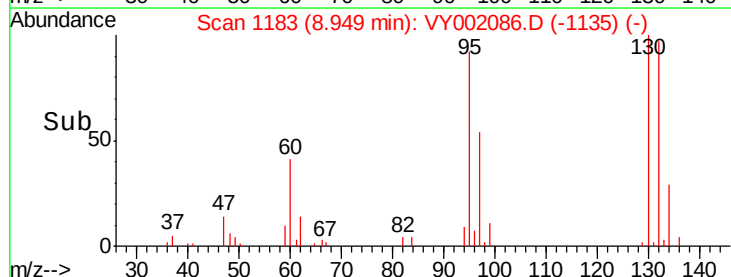
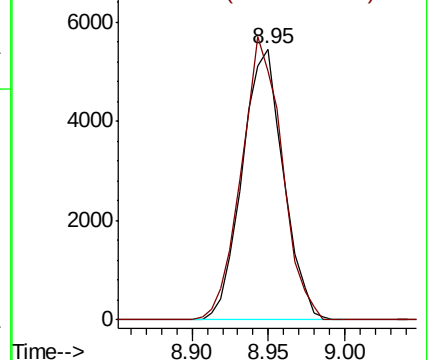
130 100

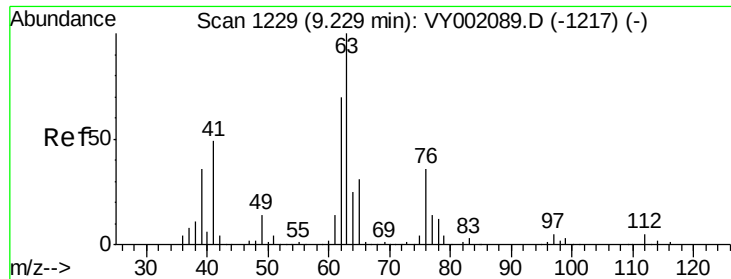
95 91.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002089.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002089.D (-1174) (-)

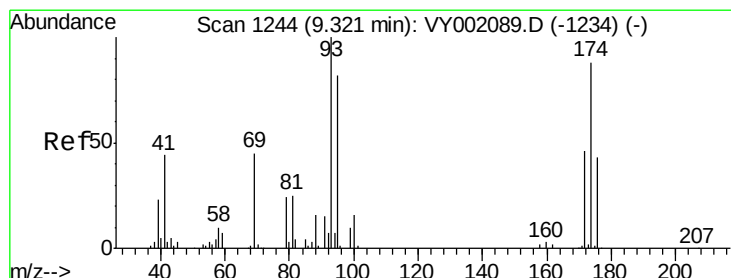
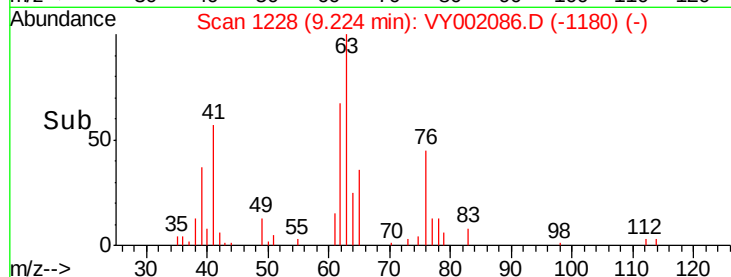
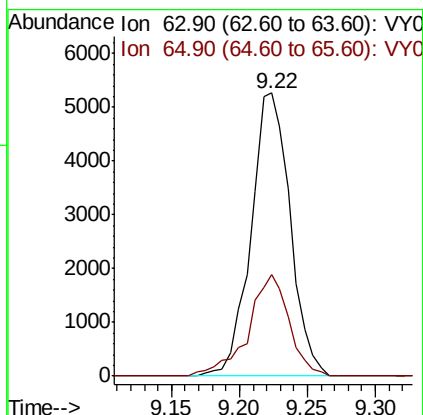
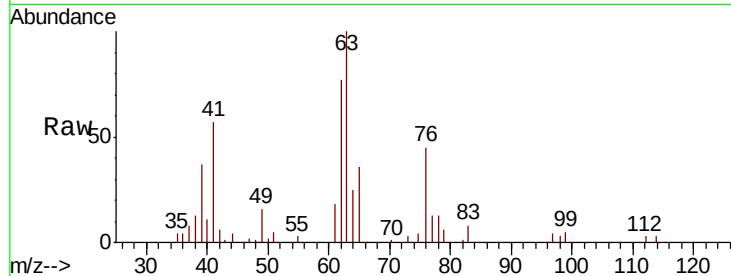




#45
 1,2-Dichloropropane
 Concen: 4.883 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

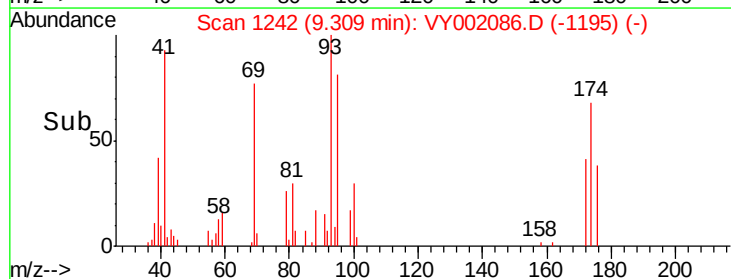
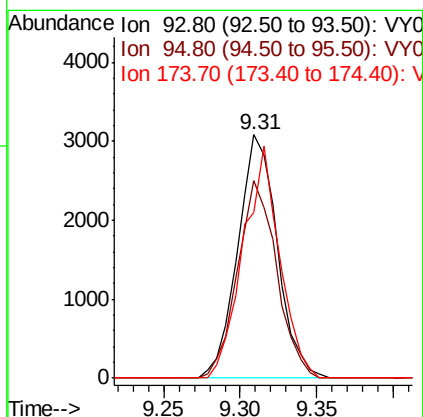
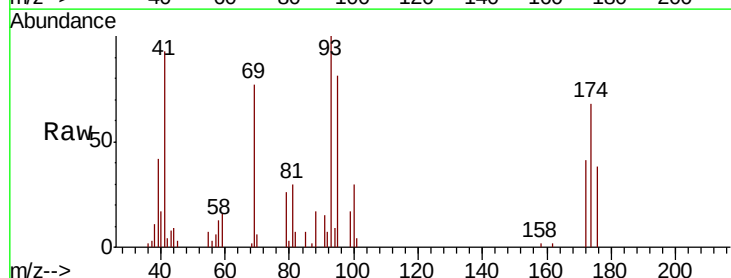
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

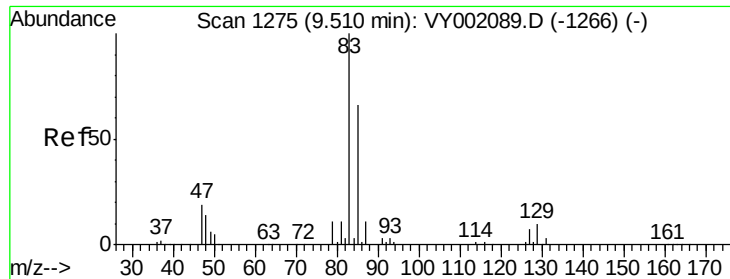
Tot Ion: 63 Resp: 10644
 Ion Ratio Lower Upper
 63 100
 65 35.7 25.0 37.6



#46
 Dibromomethane
 Concen: 4.918 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 93 Resp: 5525
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.0 99.0
 174 88.1 69.8 104.8





#47

Bromodichloromethane

Concen: 4.670 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

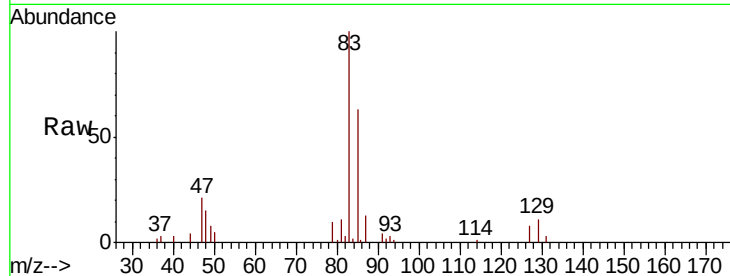
Tot Ion: 83 Resp: 12217

Ion Ratio Lower Upper

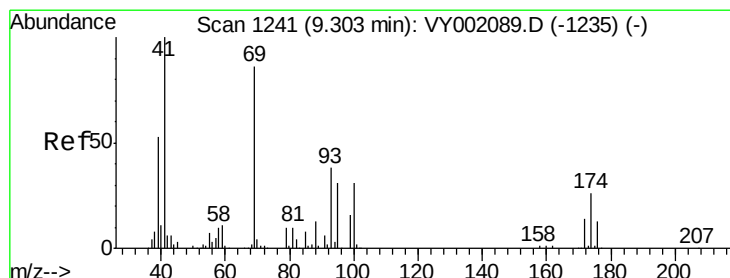
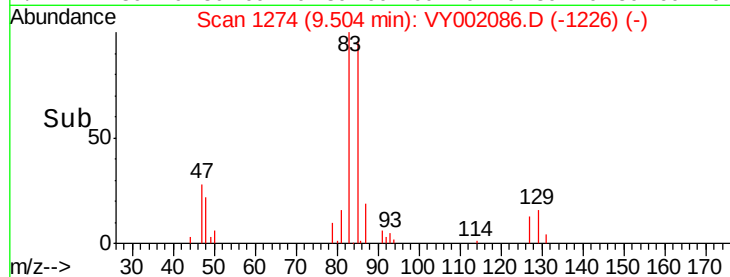
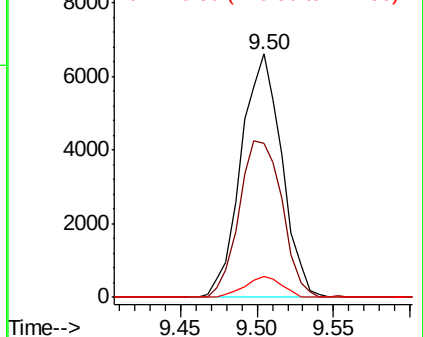
83 100

85 63.2 52.6 79.0

127 8.4 5.9 8.9



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: 4.982 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

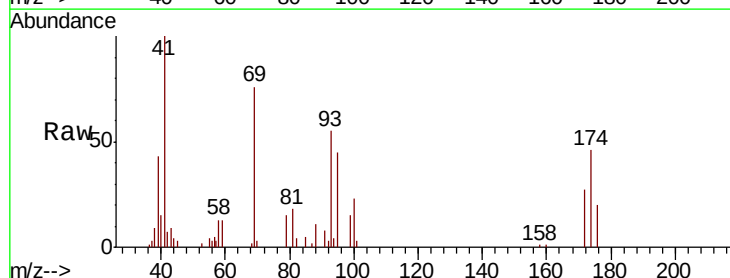
Tgt Ion: 41 Resp: 7046

Ion Ratio Lower Upper

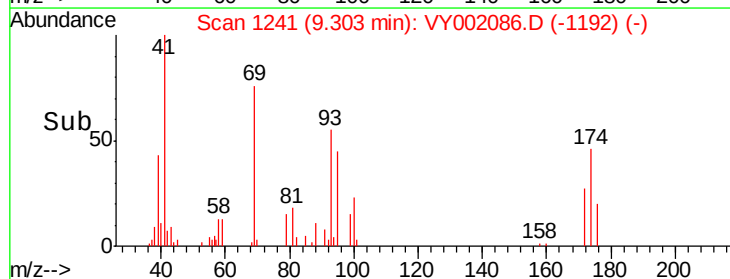
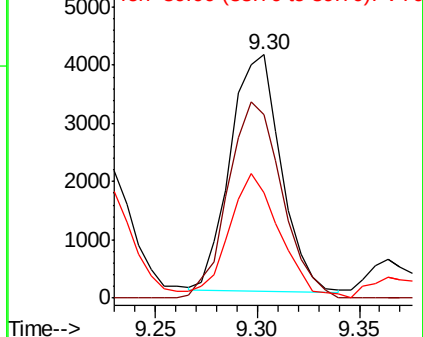
41 100

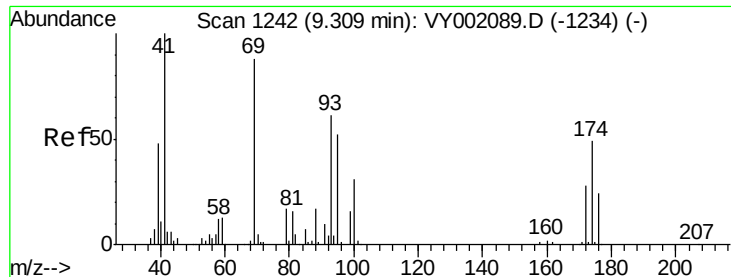
69 87.8 71.4 107.0

39 52.5 41.0 61.4



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: 99.211 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

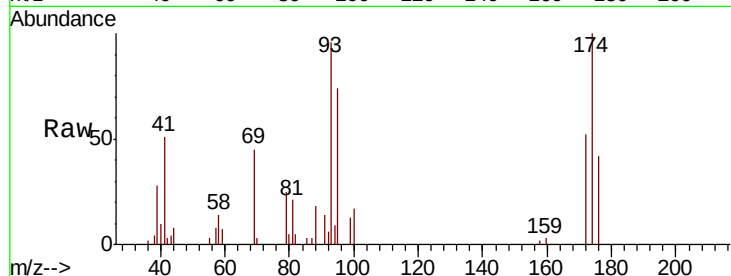
Tot Ion: 88 Resp: 1521

Ion Ratio Lower Upper

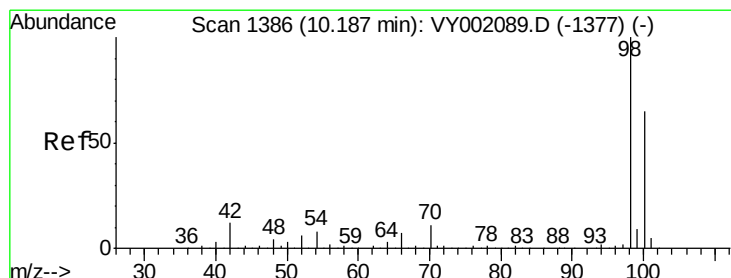
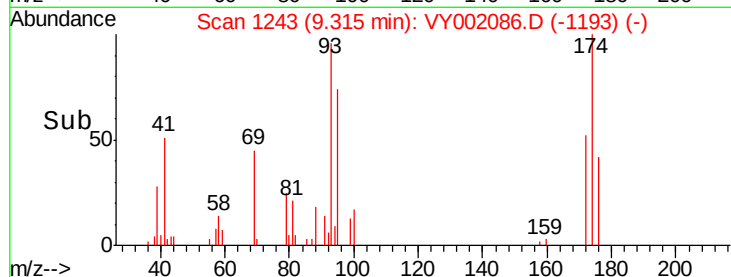
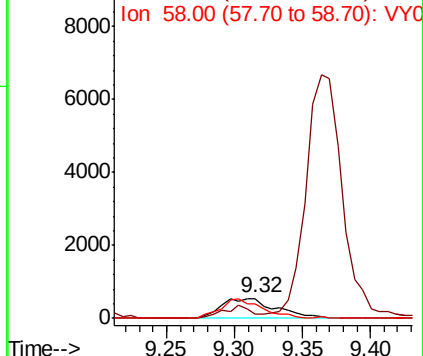
88 100

43 35.6 27.2 40.8

58 75.4 59.8 89.8



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: 4.884 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002086.D

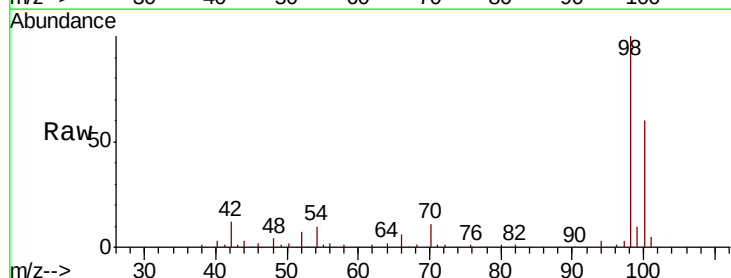
Acq: 26 Mar 2020 15:17

Tgt Ion: 98 Resp: 34581

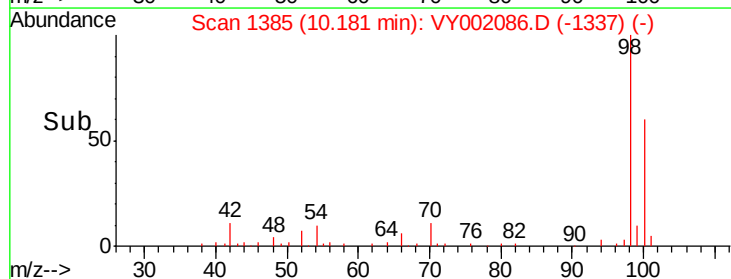
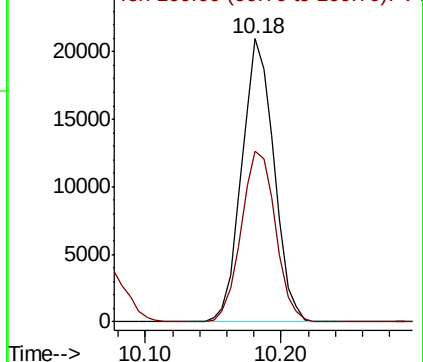
Ion Ratio Lower Upper

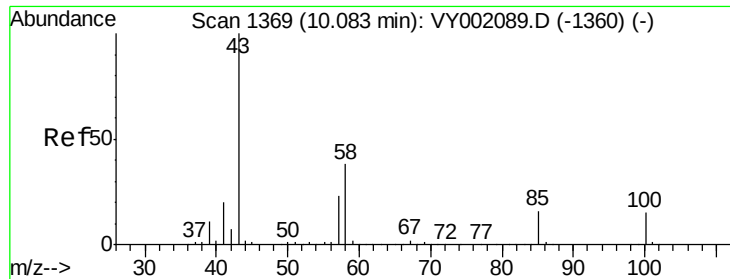
98 100

100 64.4 51.6 77.4



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

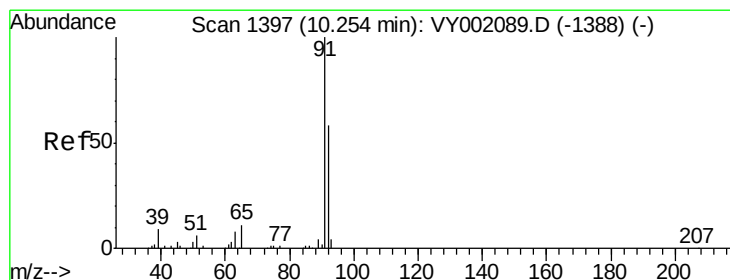
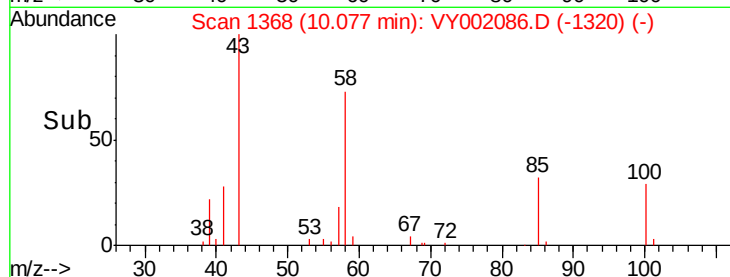
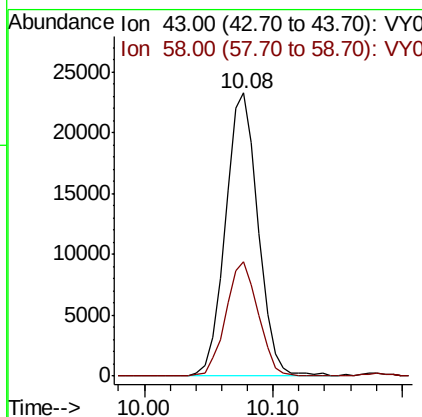
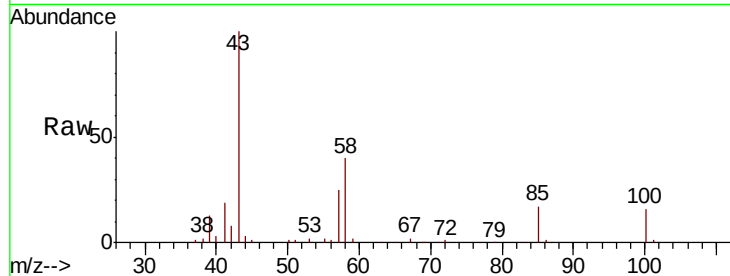




#51
4-Methyl-2-Pentanone
Concen: 24.889 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

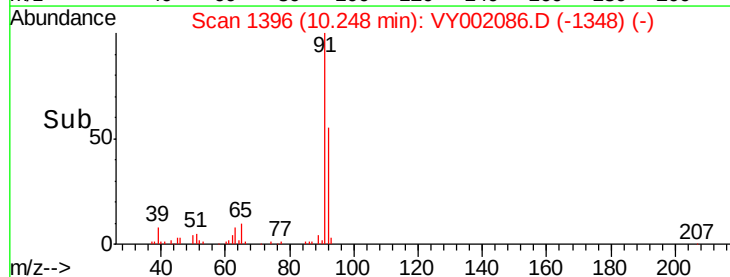
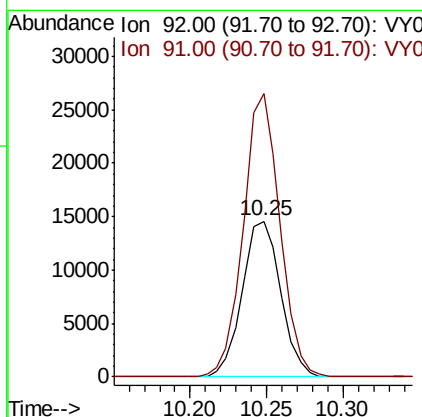
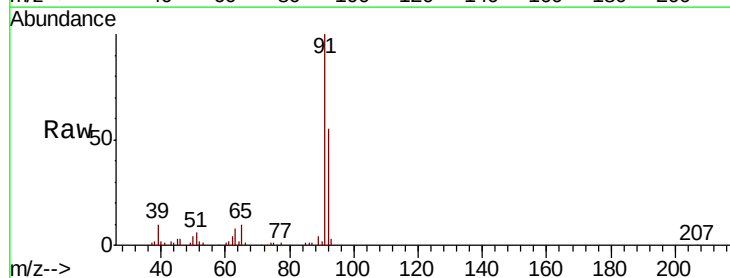
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

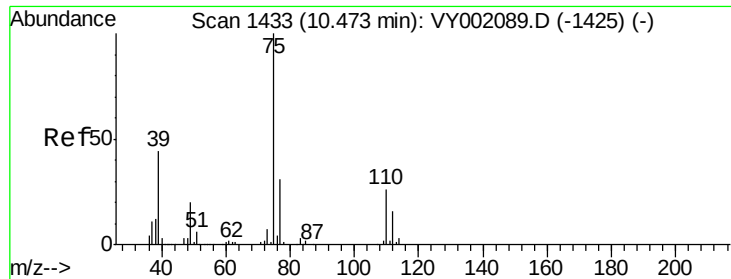
Tot Ion: 43 Resp: 41140
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4



#52
Toluene
Concen: 4.847 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 92 Resp: 25461
Ion Ratio Lower Upper
92 100
91 172.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 4.754 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

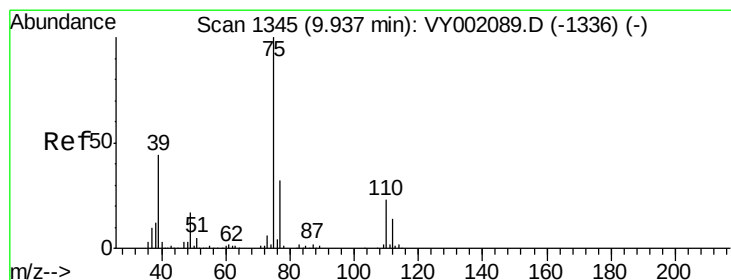
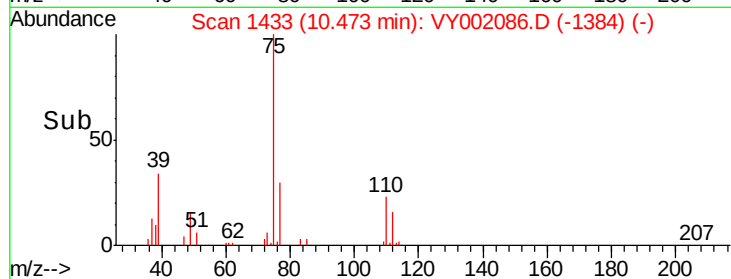
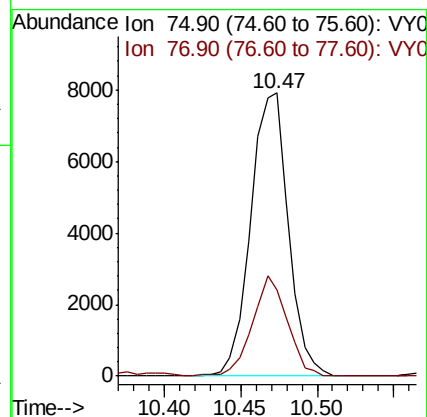
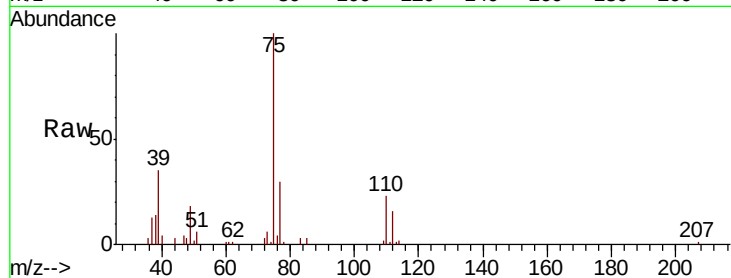
VSTDIC005

Tot Ion: 75 Resp: 13536

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

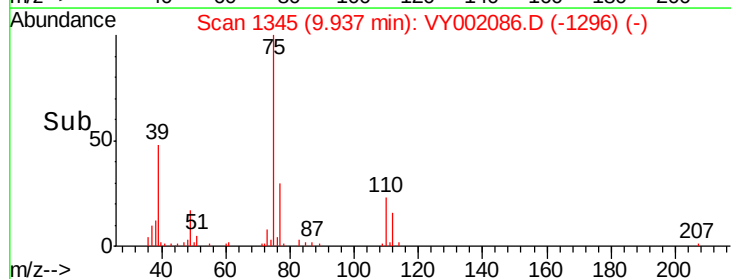
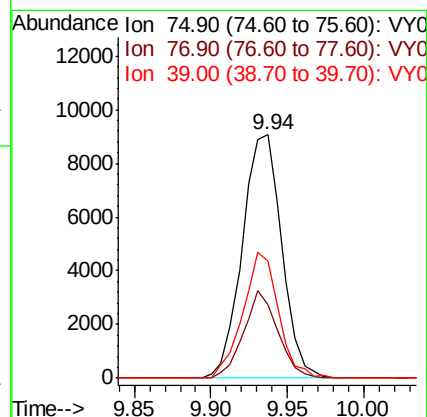
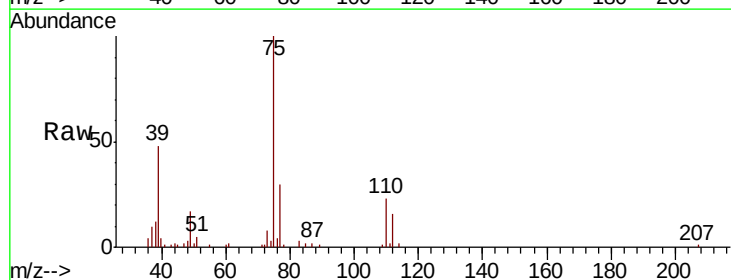
Tgt Ion: 75 Resp: 16225

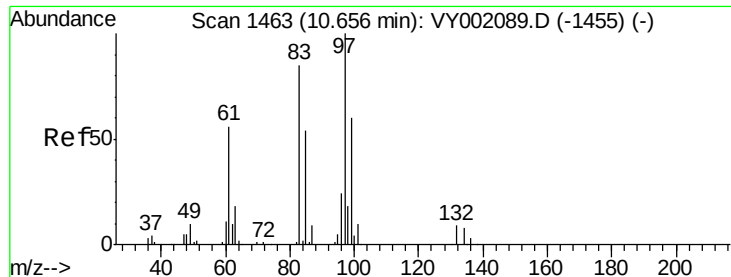
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 48.1 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 5.042 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 8304

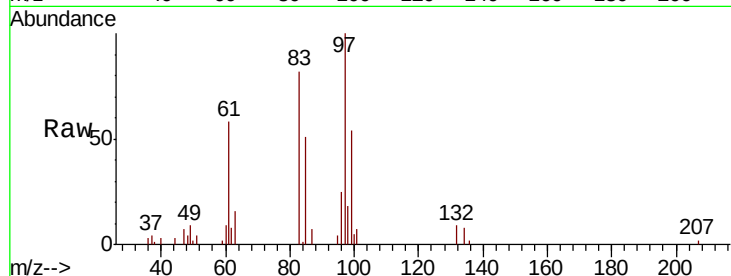
Ion Ratio Lower Upper

97 100

83 82.2 68.2 102.2

85 51.0 42.9 64.3

99 54.3 47.9 71.9

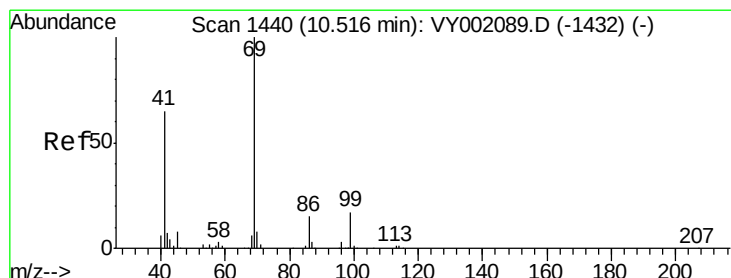
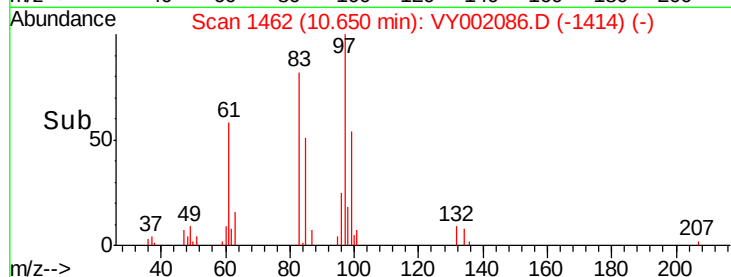
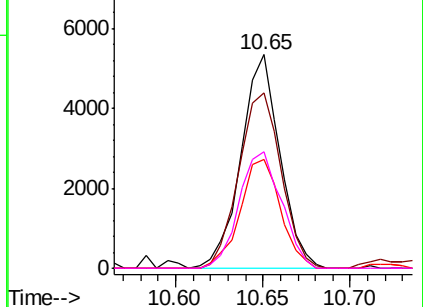


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 4.801 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

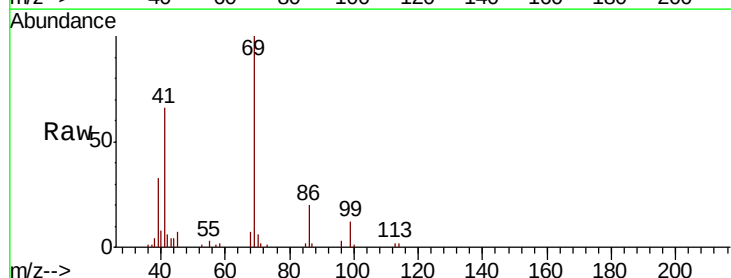
Tgt Ion: 69 Resp: 11502

Ion Ratio Lower Upper

69 100

41 66.2 52.8 79.2

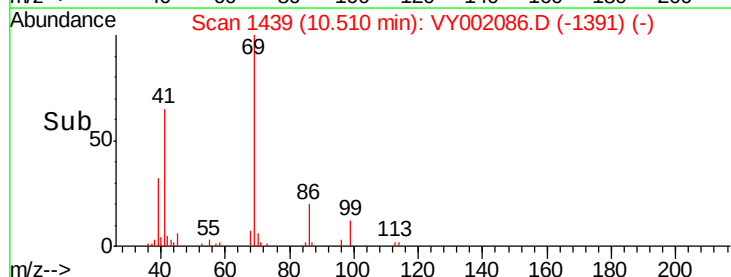
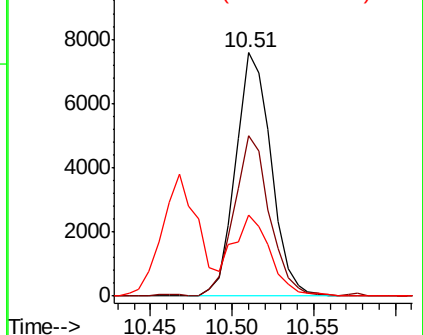
39 35.1 25.0 37.6

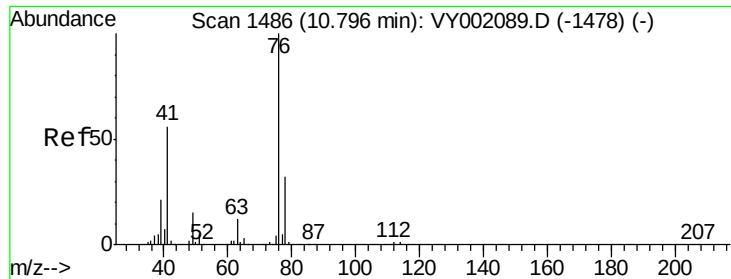


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 4.967 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

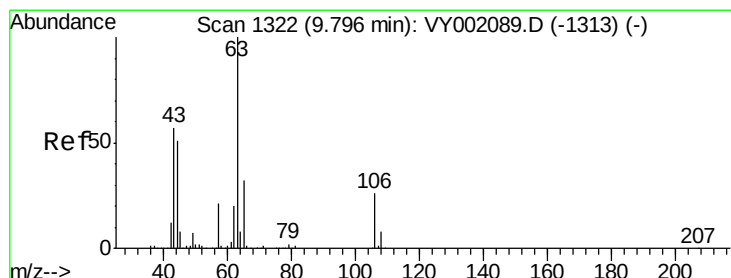
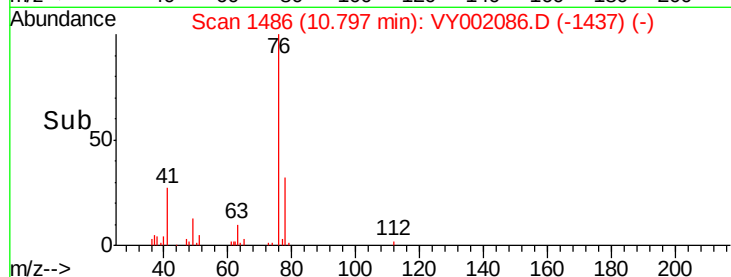
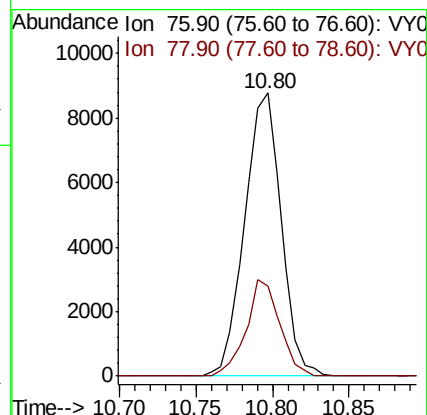
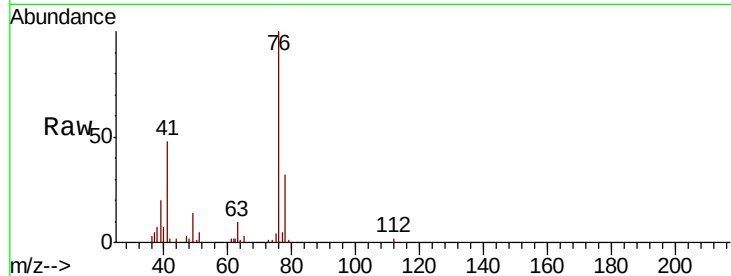
VSTDIC005

Tot Ion: 76 Resp: 14566

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 29.506 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002086.D

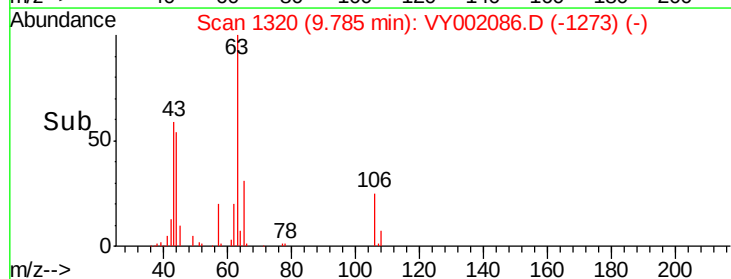
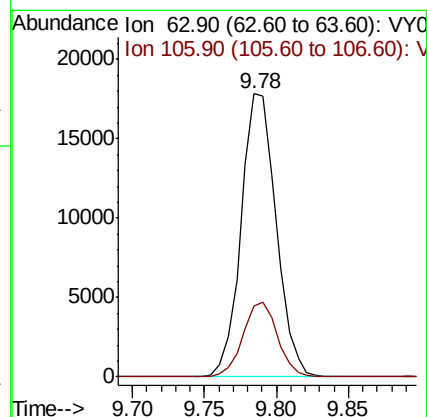
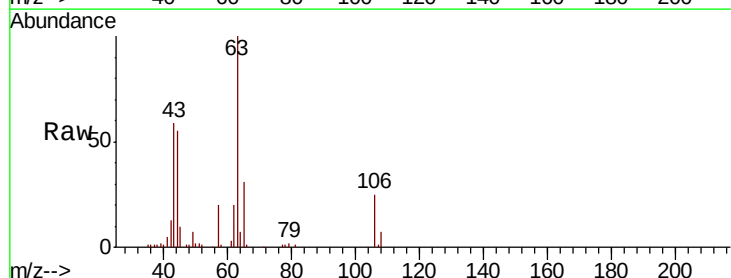
Acq: 26 Mar 2020 15:17

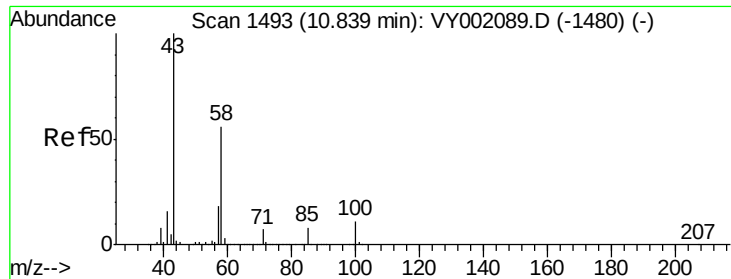
Tgt Ion: 63 Resp: 30142

Ion Ratio Lower Upper

63 100

106 26.0 21.0 31.4

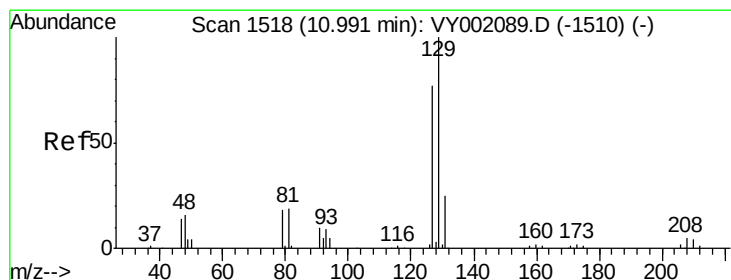
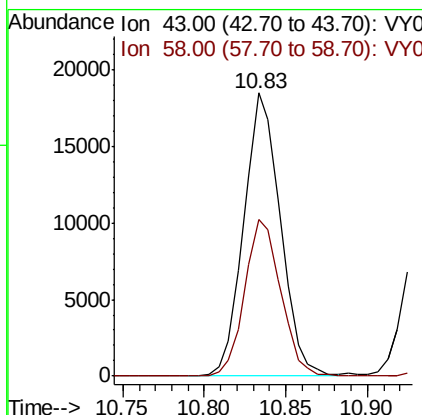
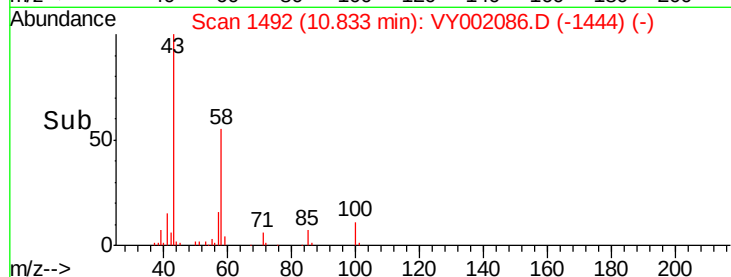
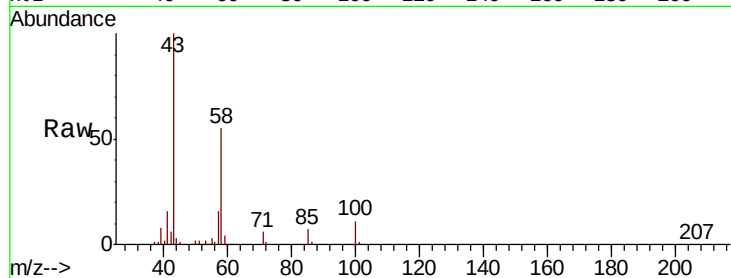




#59
2-Hexanone
Concen: 24.617 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

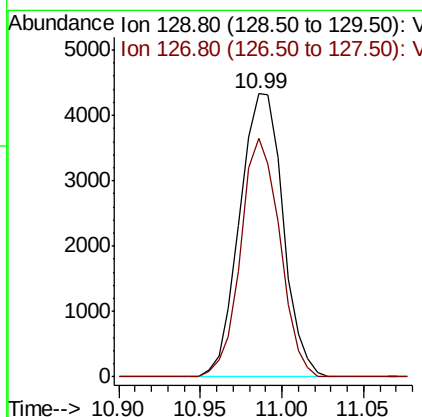
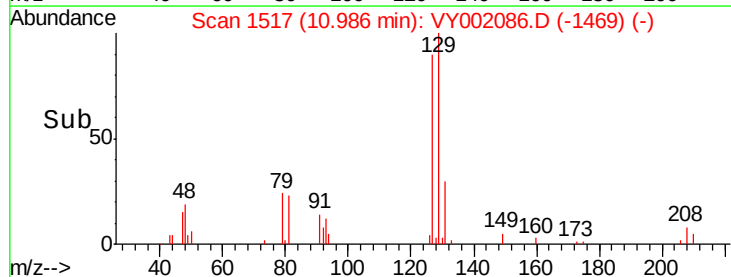
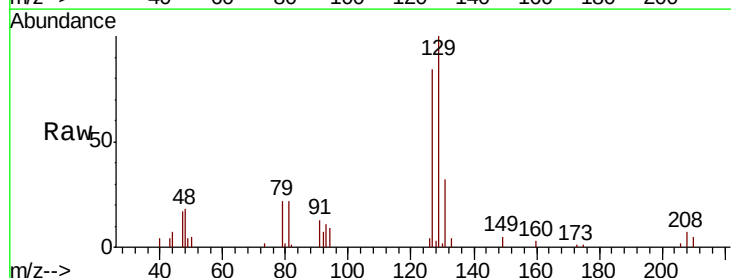
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

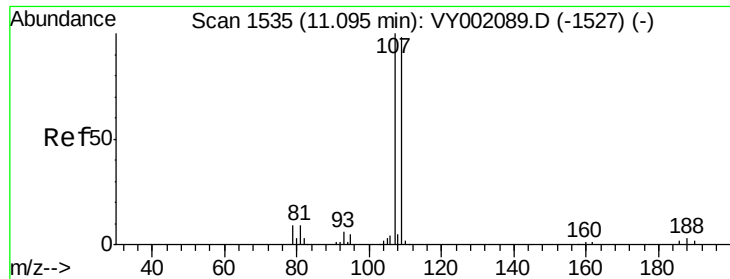
Tot Ion: 43 Resp: 28969
Ion Ratio Lower Upper
43 100
58 54.2 27.9 83.6



#60
Dibromochloromethane
Concen: 4.652 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 129 Resp: 8036
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

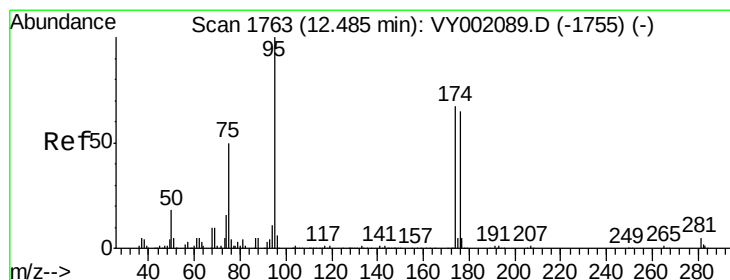
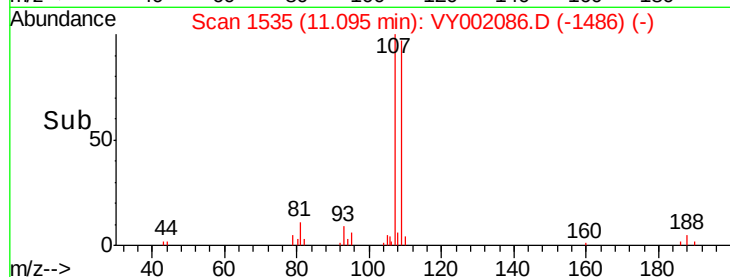
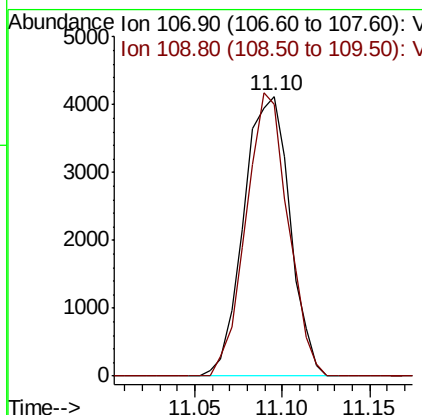
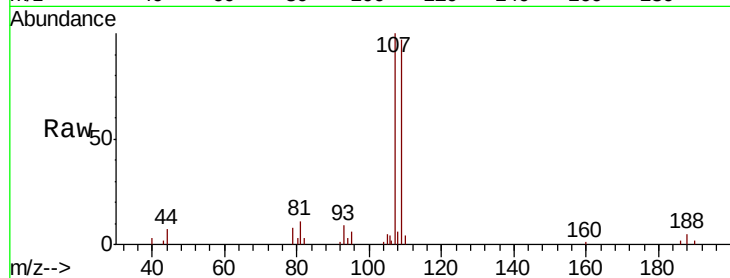




#61
 1,2-Dibromoethane
 Concen: 4.857 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

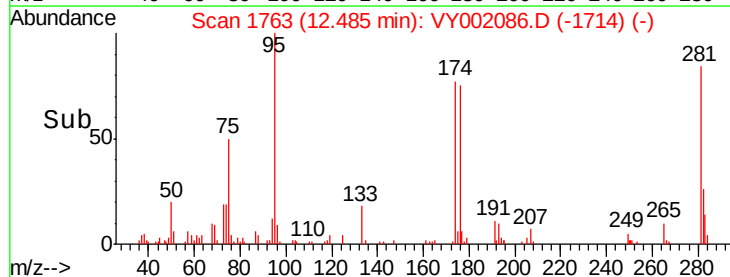
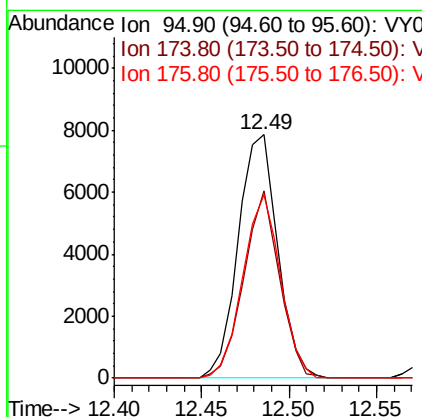
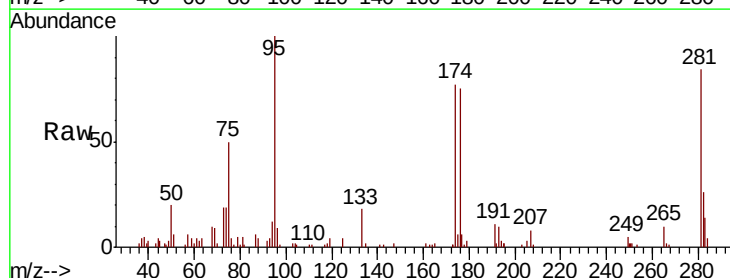
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

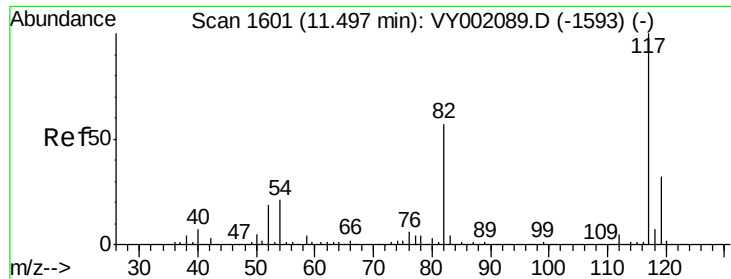
Tot Ion:107 Resp: 7558
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 5.004 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 95 Resp: 12349
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 143.4
 176 71.8 0.0 137.0

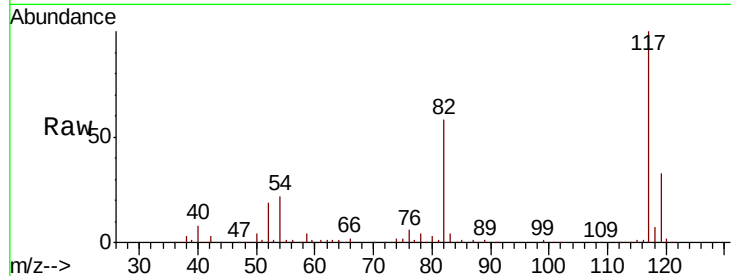




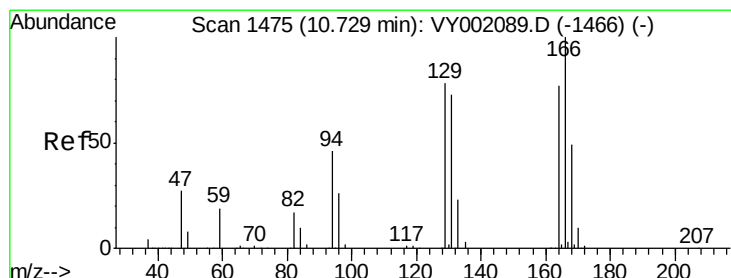
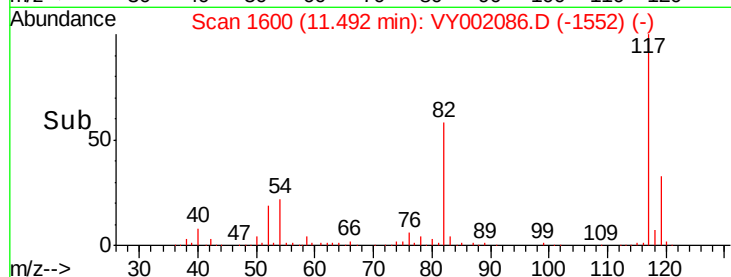
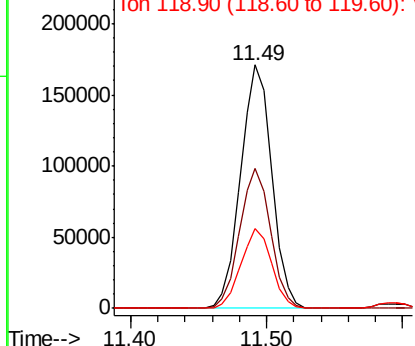
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 273445
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 32.8 25.3 37.9

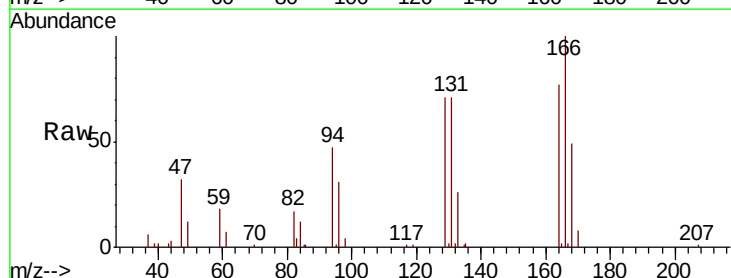


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

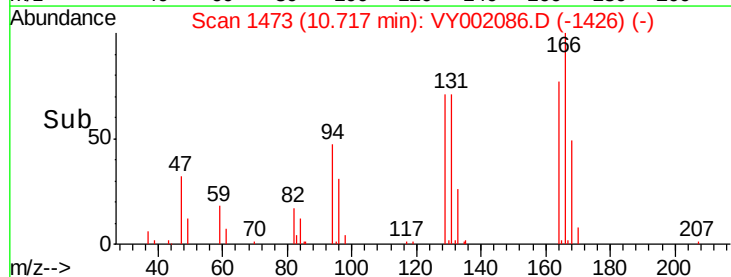
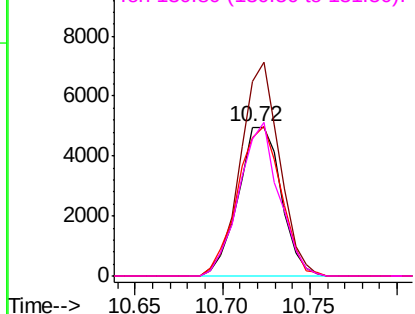


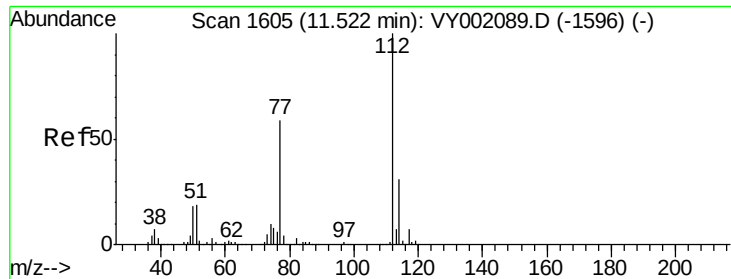
#64
Tetrachloroethene
Concen: 4.966 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:164 Resp: 8480
Ion Ratio Lower Upper
164 100
166 130.2 104.0 156.0
129 92.4 81.2 121.8
131 92.1 75.8 113.6



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

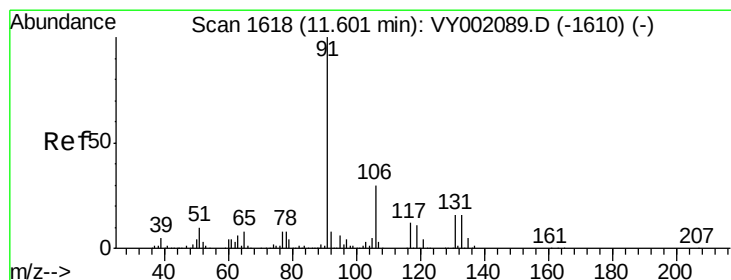
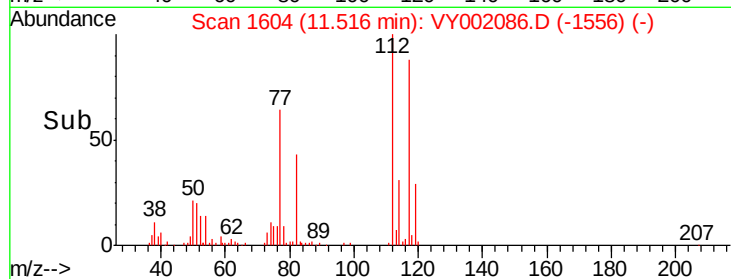
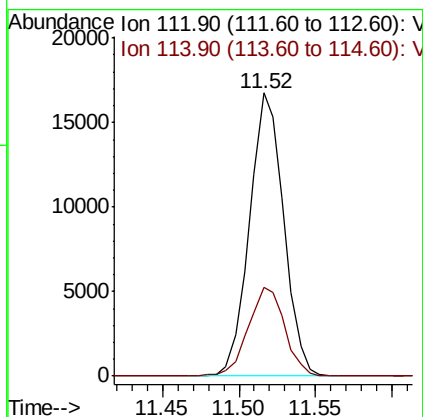
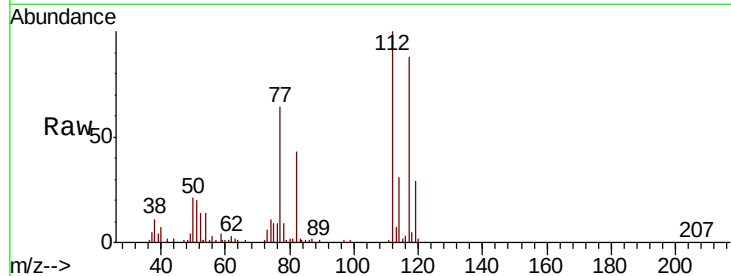




#65
Chlorobenzene
Concen: 4.825 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

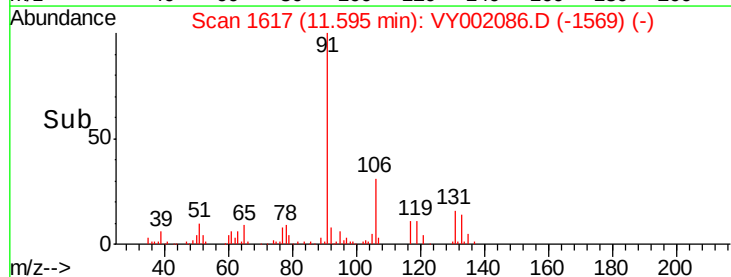
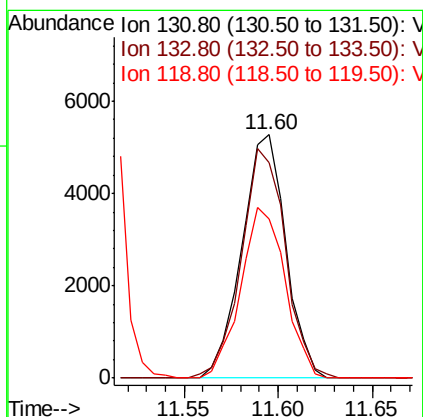
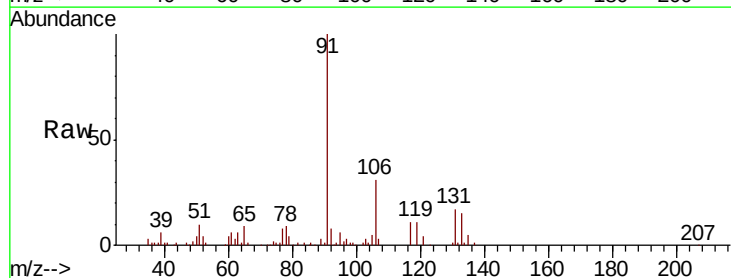
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

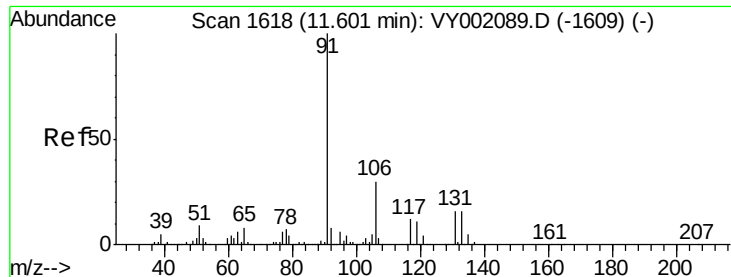
Tot Ion:112 Resp: 26020
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.815 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:131 Resp: 8529
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 71.0 34.6 103.9

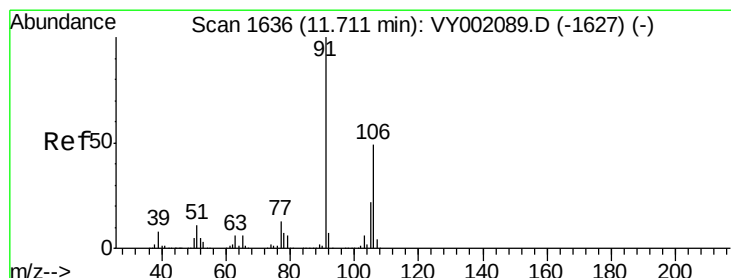
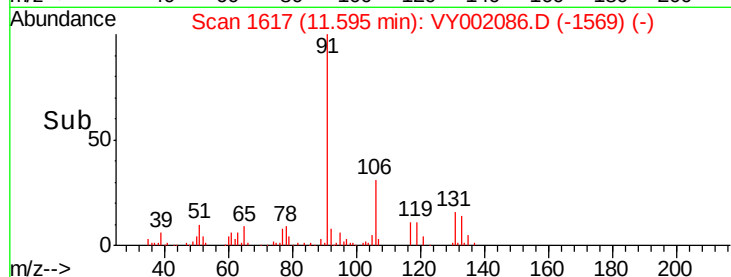
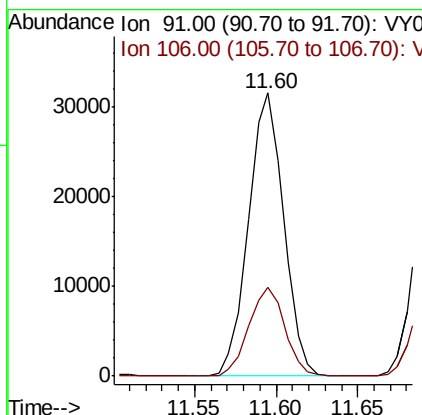
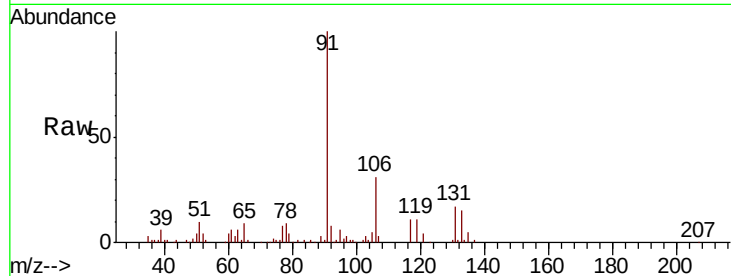




#67
Ethyl Benzene
Concen: 4.700 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

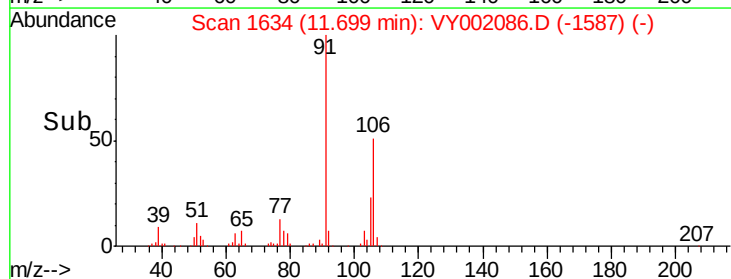
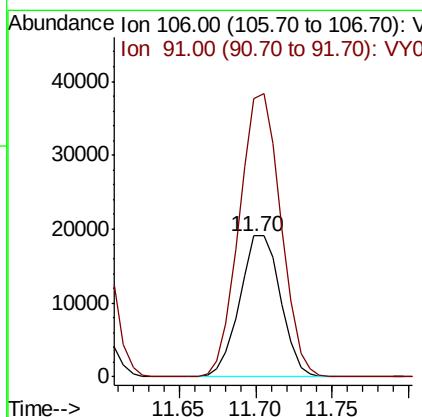
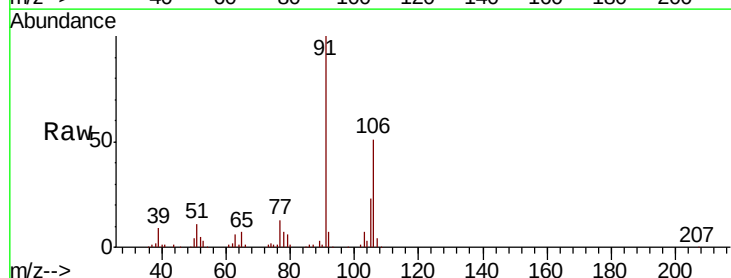
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

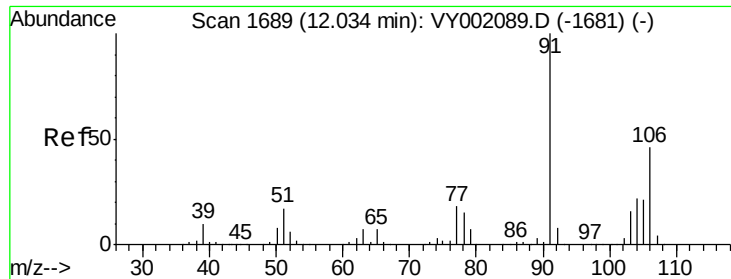
Tot Ion: 91 Resp: 47349
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 9.562 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 106 Resp: 35551
Ion Ratio Lower Upper
106 100
91 203.8 162.8 244.2

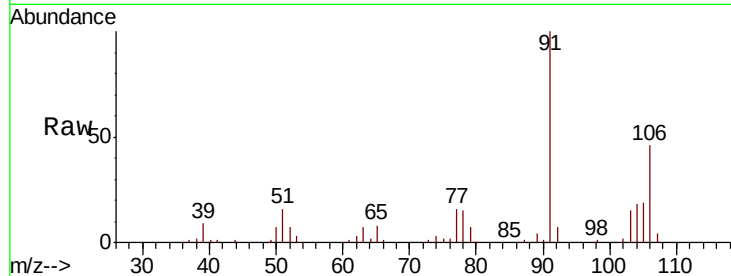




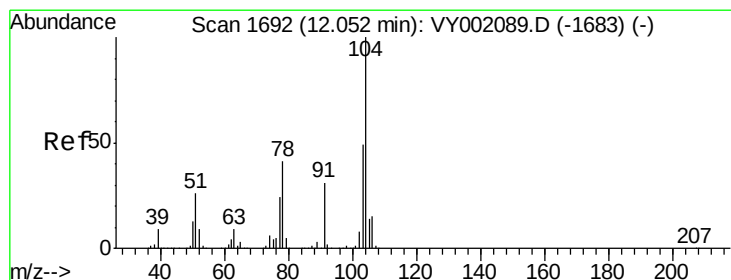
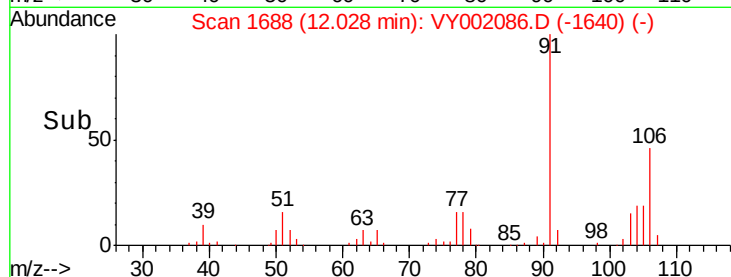
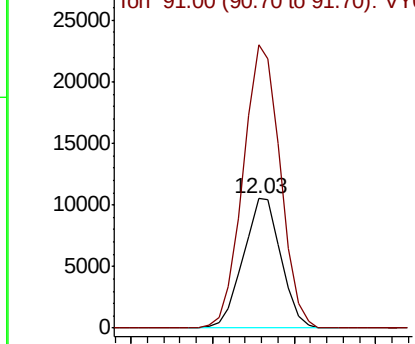
#69
o-Xylene
Concen: 4.830 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 16941
Ion Ratio Lower Upper
106 100
91 214.8 107.3 321.8

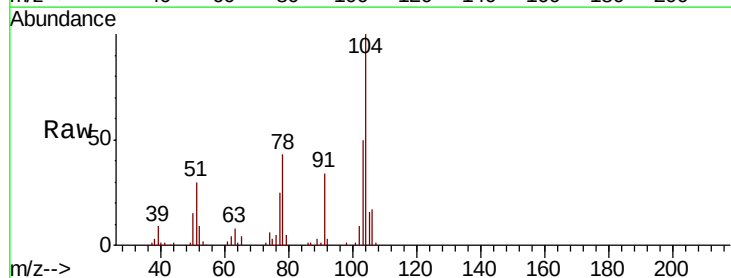


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

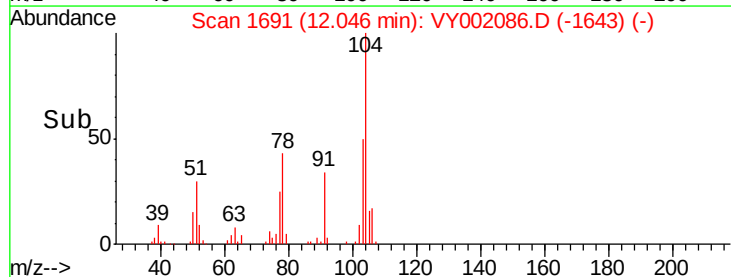
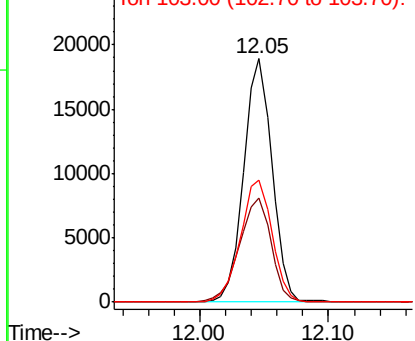


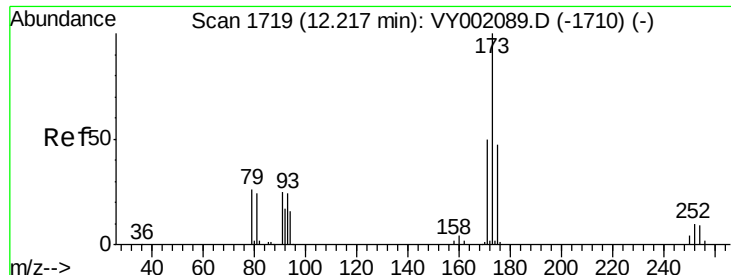
#70
Styrene
Concen: 4.773 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:104 Resp: 28698
Ion Ratio Lower Upper
104 100
78 47.8 37.9 56.9
103 55.9 43.2 64.8



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





#71

Bromoform

Concen: 4.596 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

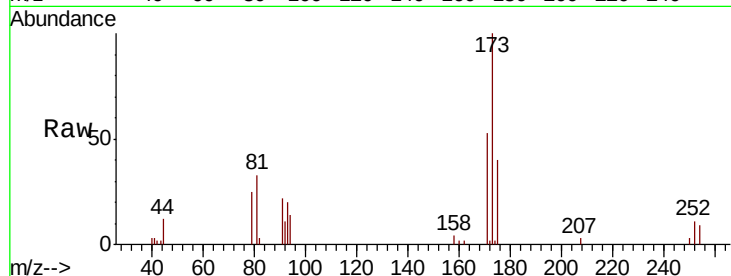
Tot Ion:173 Resp: 4408

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

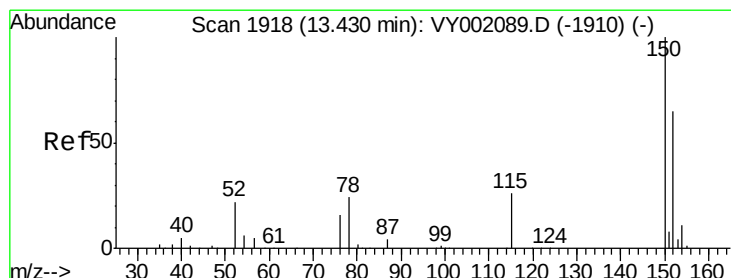
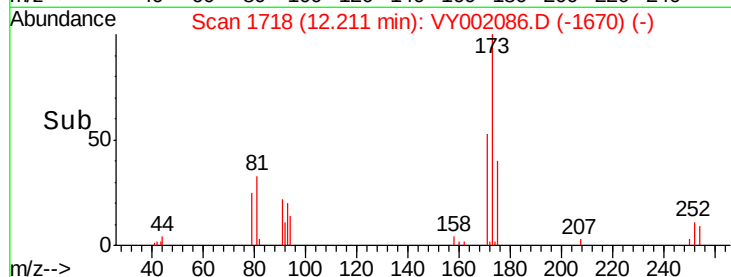
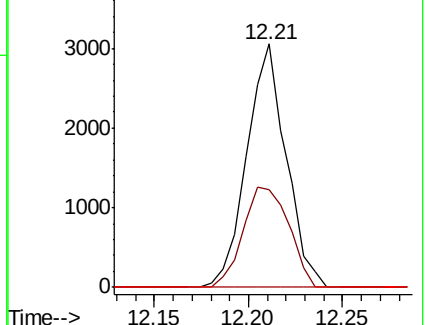
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

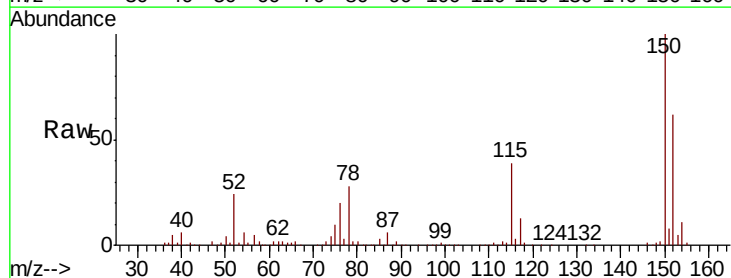
Tgt Ion:152 Resp: 125722

Ion Ratio Lower Upper

152 100

115 61.0 31.2 93.6

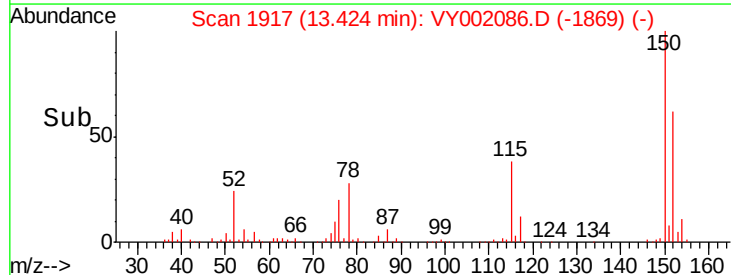
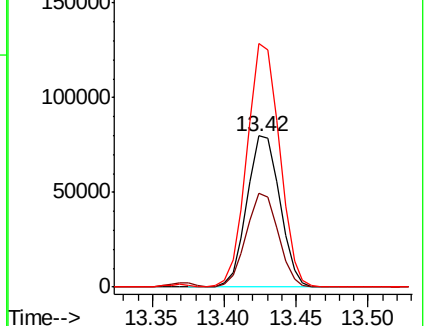
150 160.2 0.0 354.8

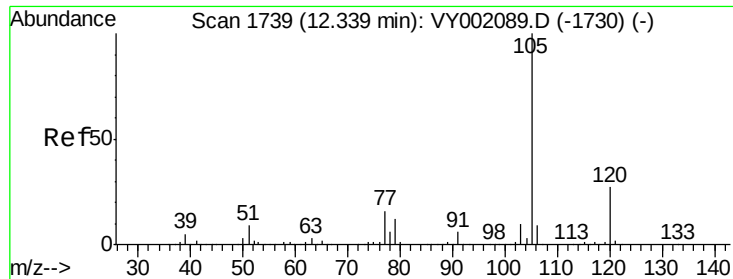


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

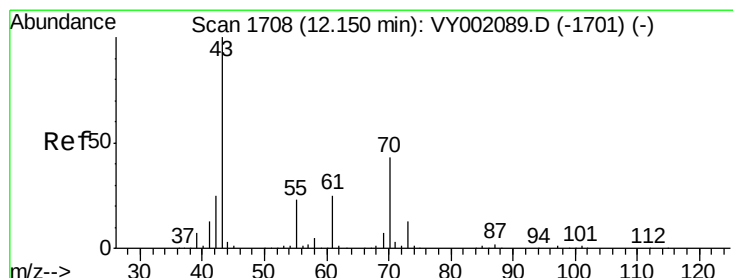
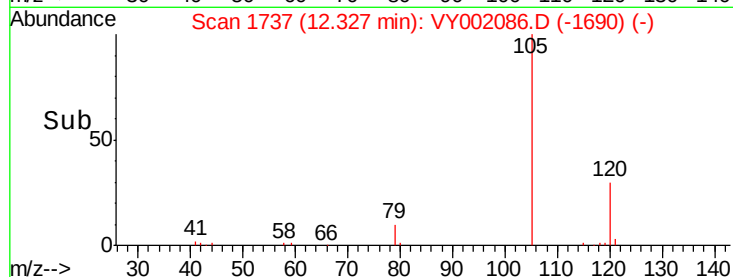
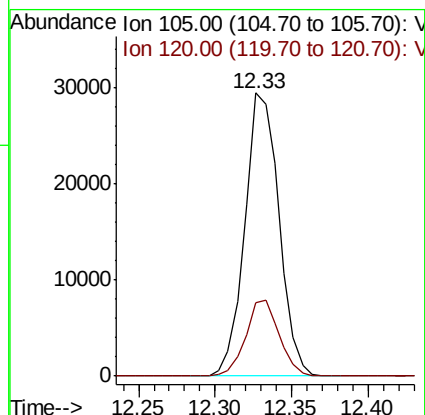
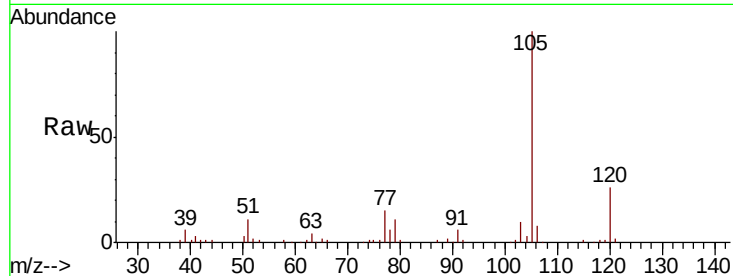




#73
Isopropylbenzene
Concen: 4.769 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

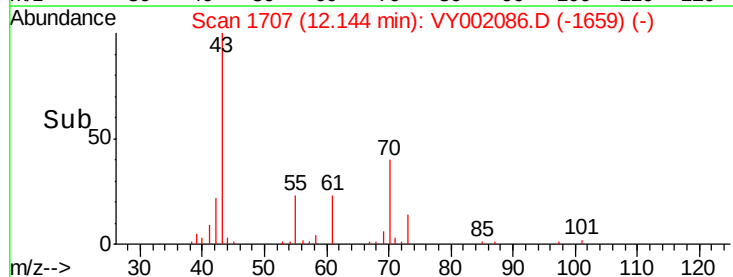
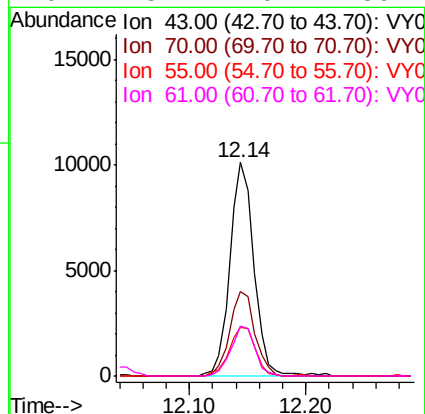
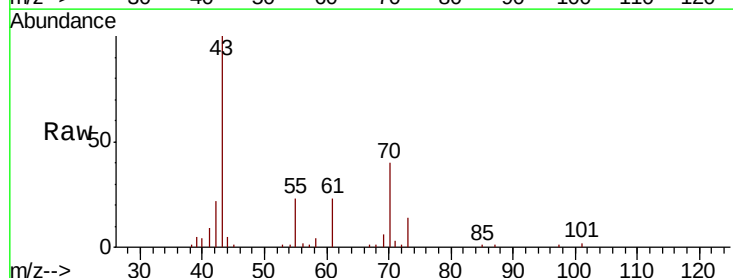
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

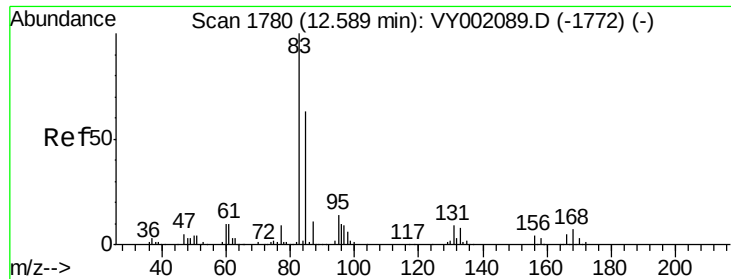
Tot Ion:105 Resp: 45635
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 4.956 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 43 Resp: 14566
Ion Ratio Lower Upper
43 100
70 41.2 35.0 52.4
55 24.5 18.7 28.1
61 23.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.657 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

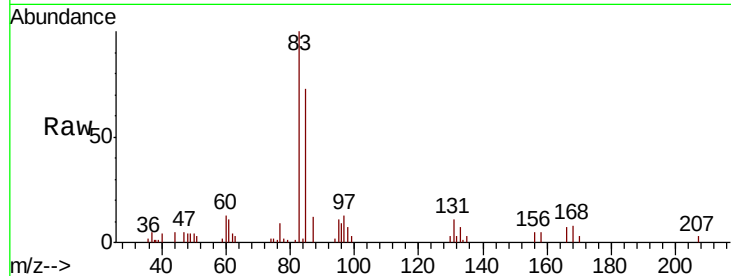
Tot Ion: 83 Resp: 9581

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

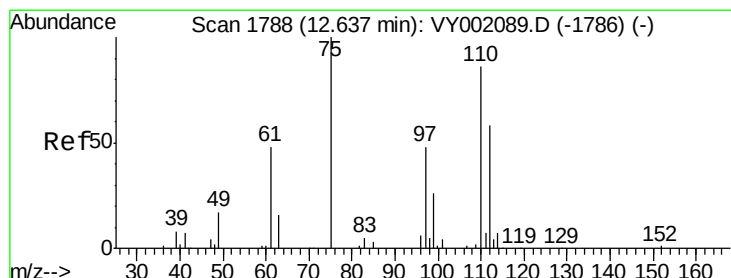
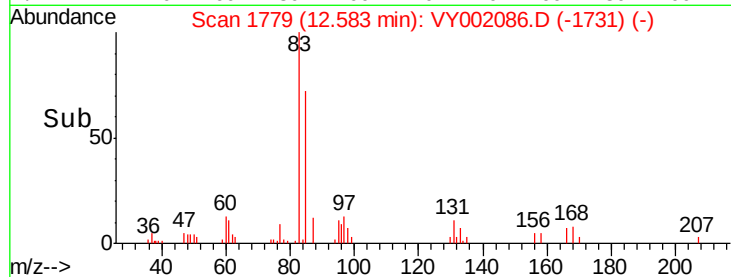
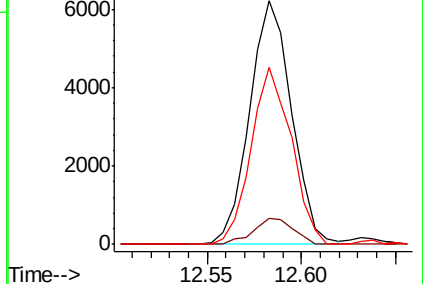
85 69.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 8.366 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002086.D

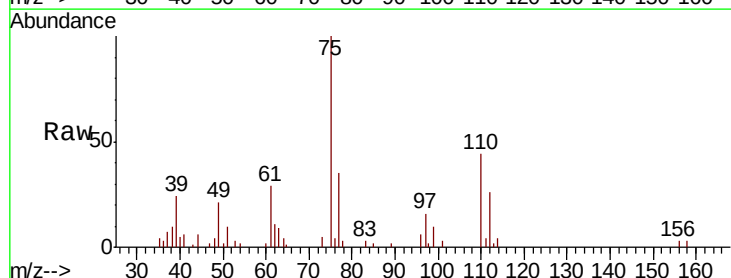
Acq: 26 Mar 2020 15:17

Tgt Ion: 75 Resp: 12607

Ion Ratio Lower Upper

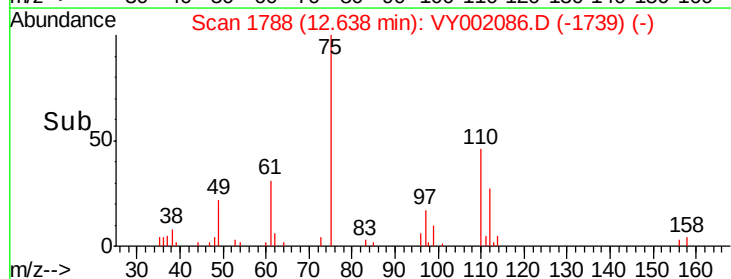
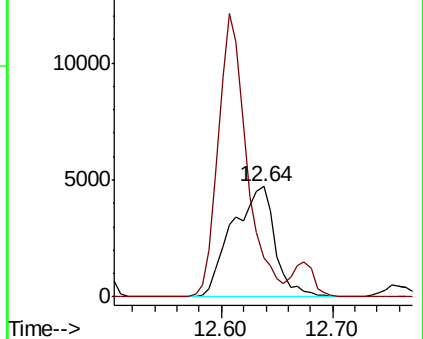
75 100

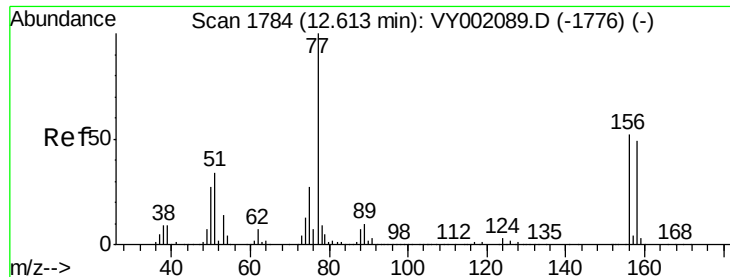
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 4.640 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

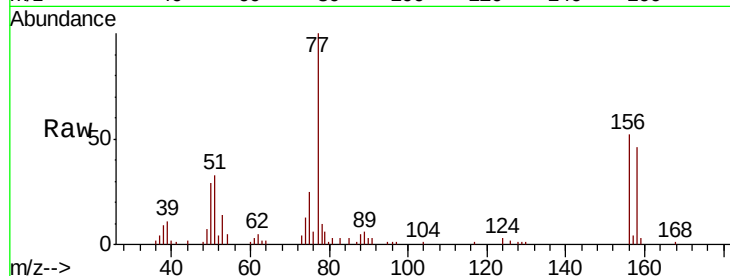
Tot Ion:156 Resp: 9444

Ion Ratio Lower Upper

156 100

77 228.1 107.8 323.6

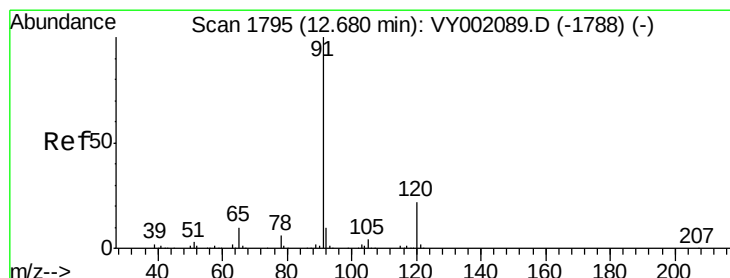
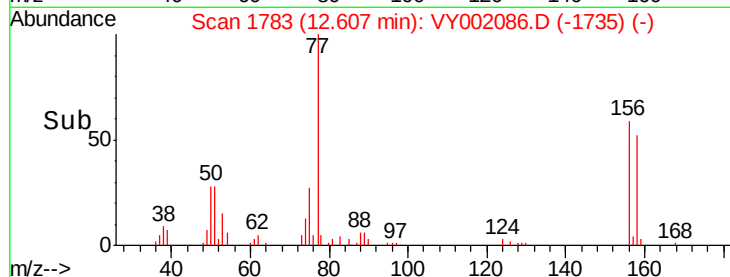
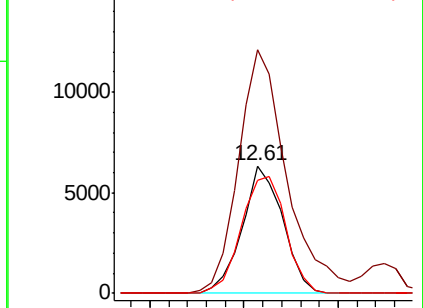
158 100.5 47.5 142.6



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: 4.823 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002086.D

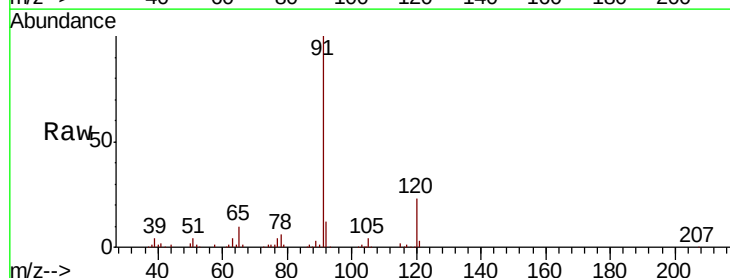
Acq: 26 Mar 2020 15:17

Tgt Ion: 91 Resp: 57000

Ion Ratio Lower Upper

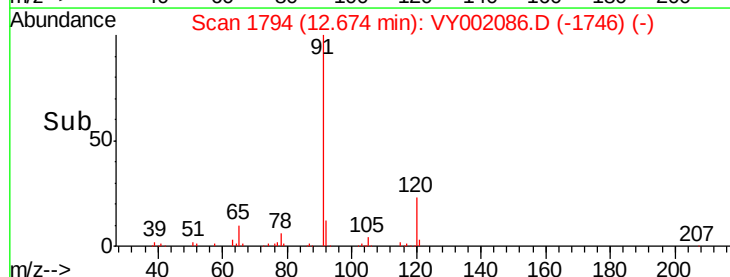
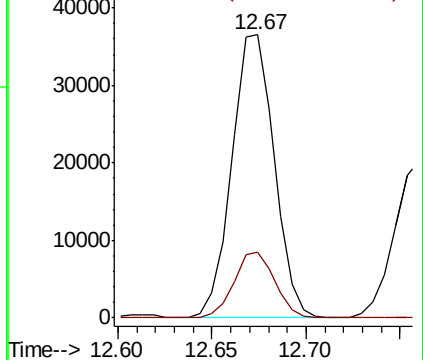
91 100

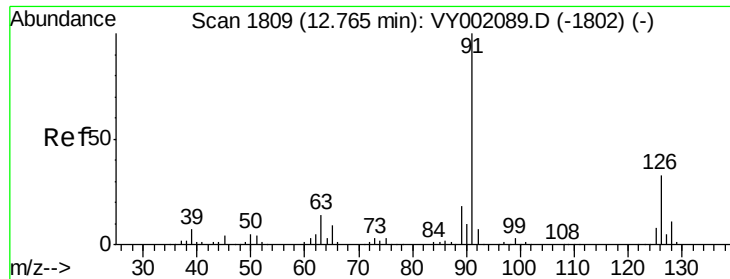
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

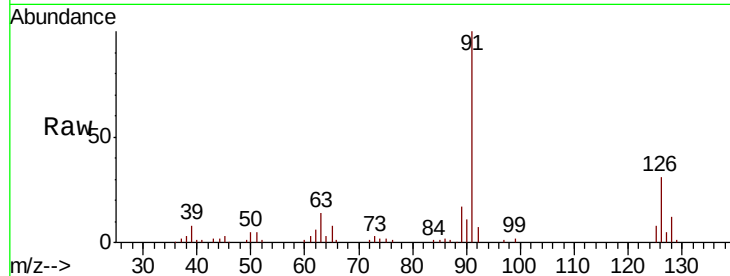




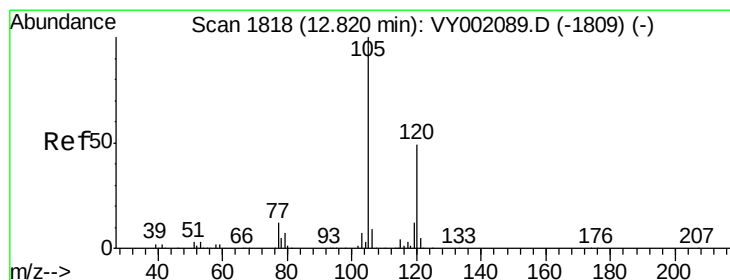
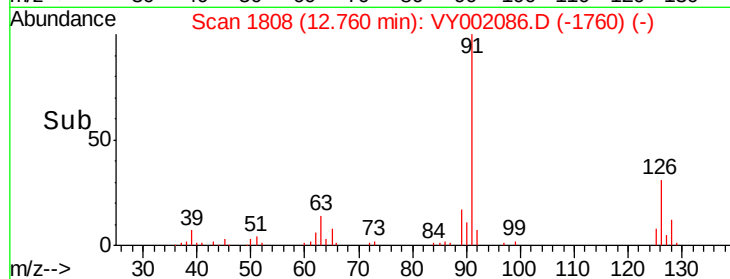
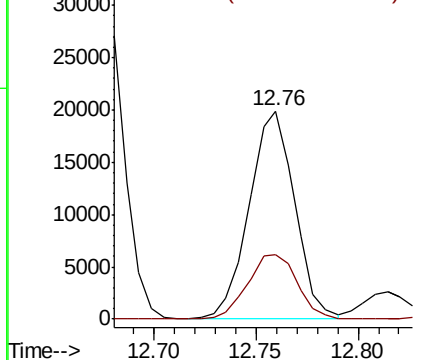
#79
 2-Chlorotoluene
 Concen: 4.736 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 30915
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.4 49.1

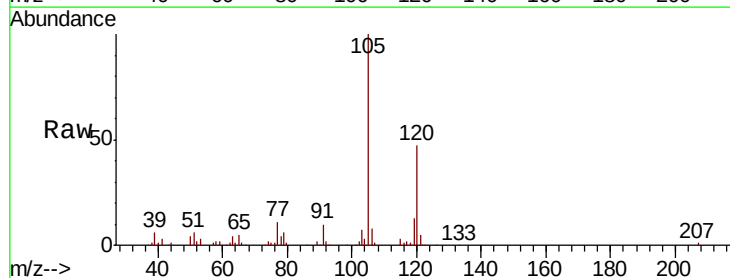


Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

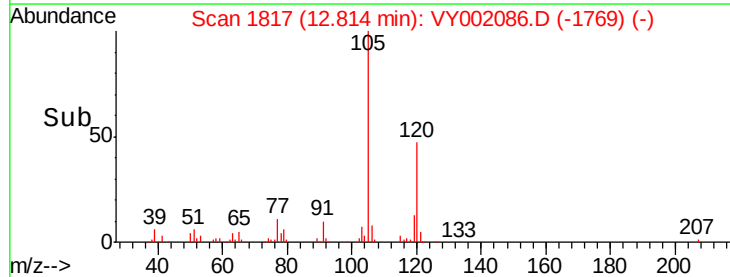
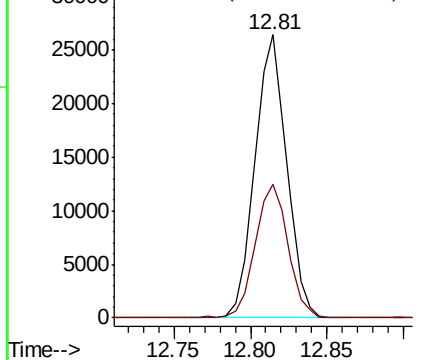


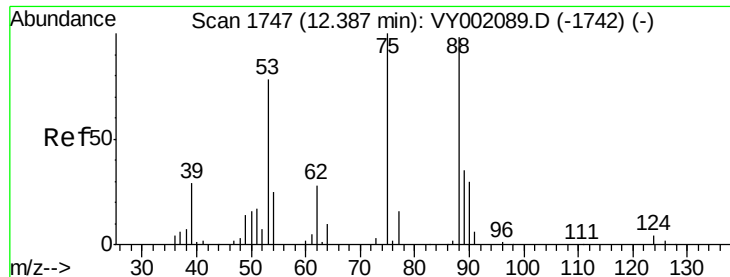
#80
 1,3,5-Trimethylbenzene
 Concen: 4.846 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 105 Resp: 38269
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)
 Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.383 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

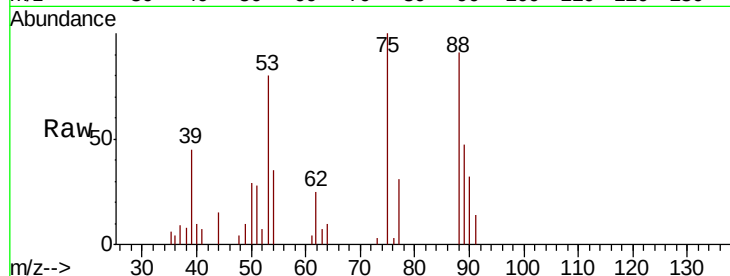
Tot Ion: 75 Resp: 3220

Ion Ratio Lower Upper

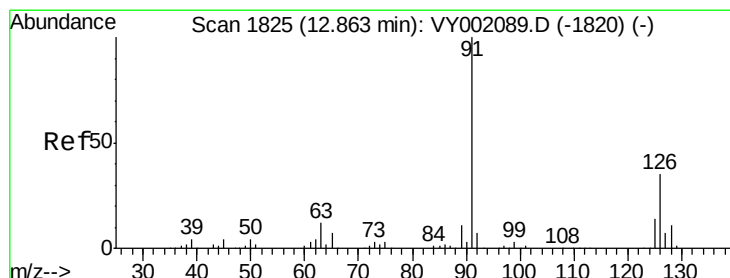
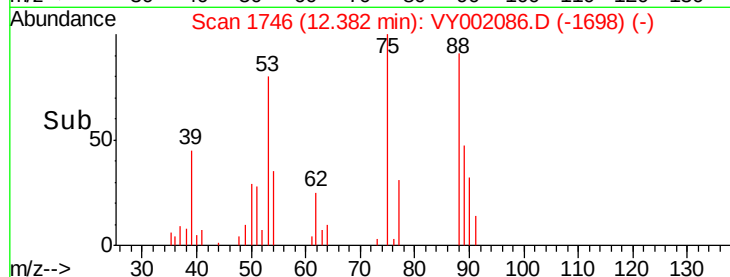
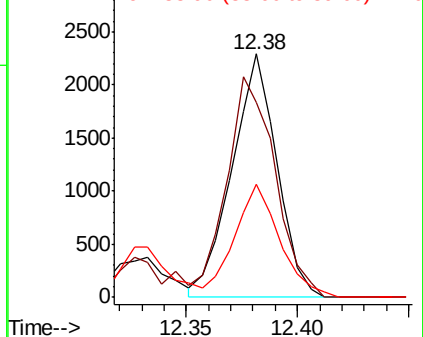
75 100

53 97.5 65.0 97.4#

89 46.9 33.4 50.0



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



#82

4-Chlorotoluene

Concen: 4.904 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002086.D

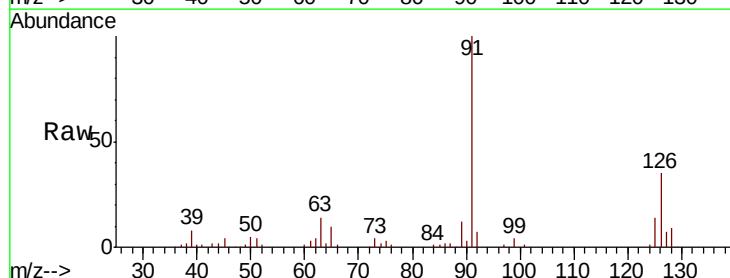
Acq: 26 Mar 2020 15:17

Tgt Ion: 91 Resp: 33371

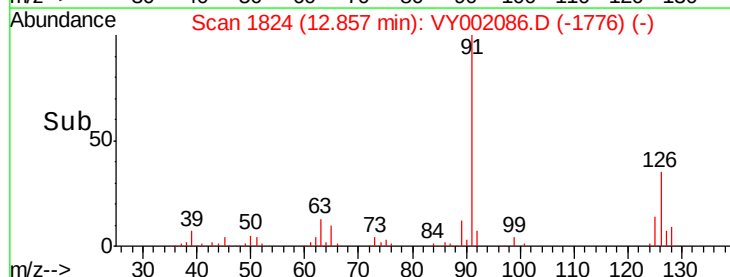
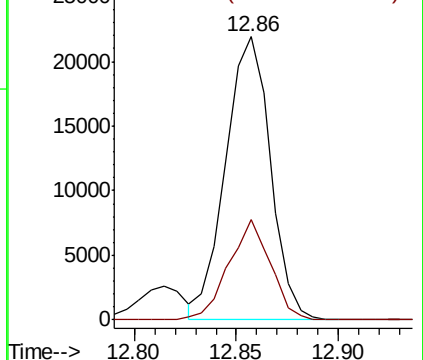
Ion Ratio Lower Upper

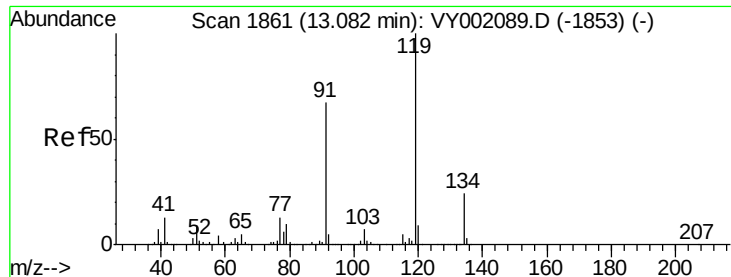
91 100

126 32.9 16.3 48.9



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

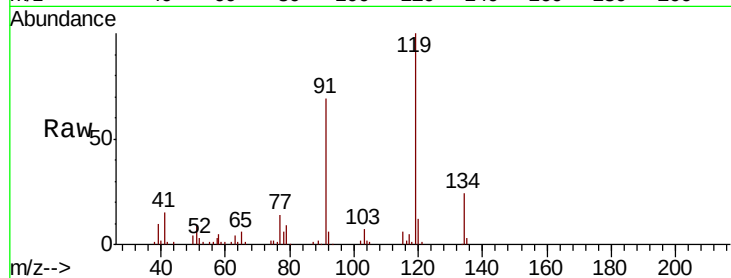




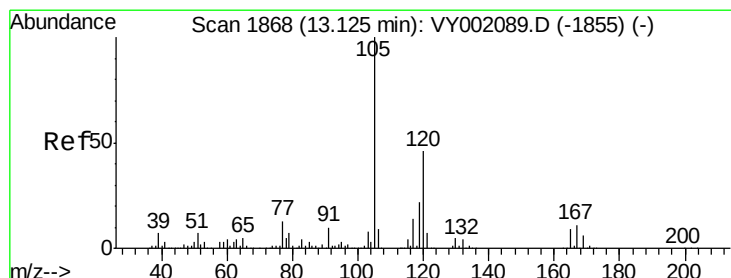
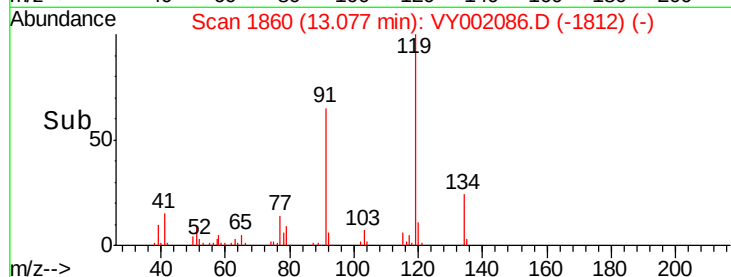
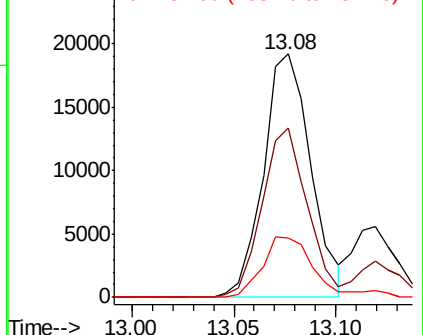
#83
tert-Butylbenzene
Concen: 4.724 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:119 Resp: 31079
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 27.5 13.0 38.9

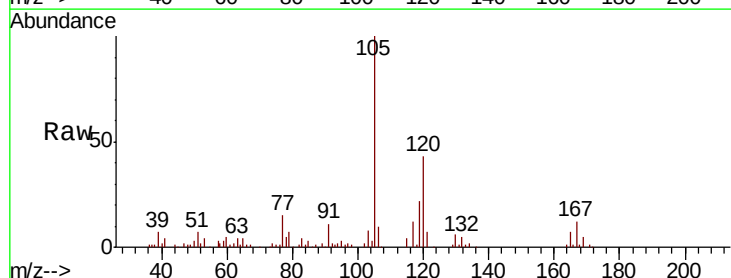


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

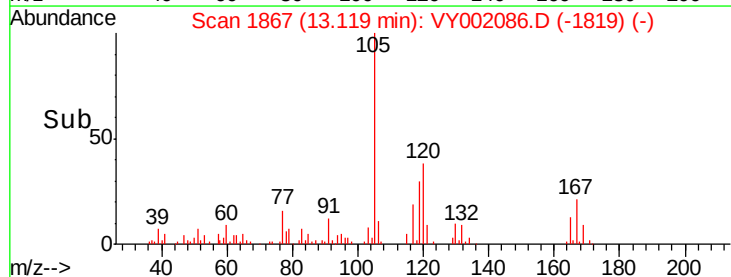
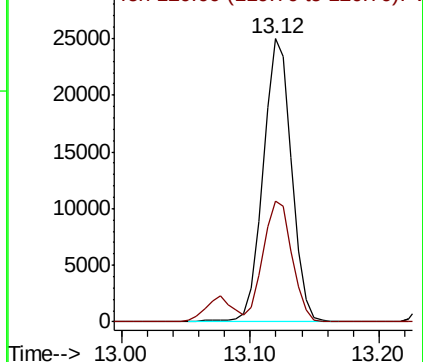


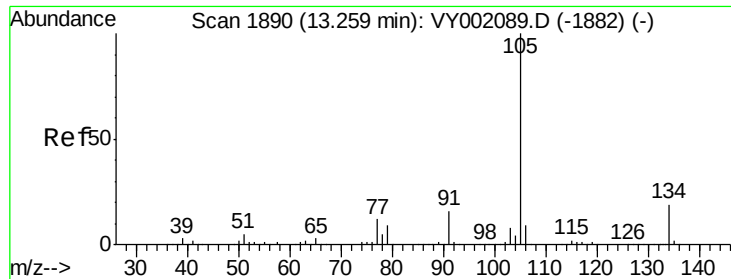
#84
1,2,4-Trimethylbenzene
Concen: 4.857 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:105 Resp: 38023
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.834 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

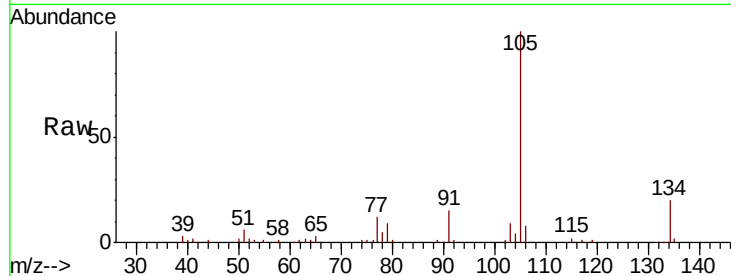
VSTDIC005

Tot Ion:105 Resp: 46753

Ion Ratio Lower Upper

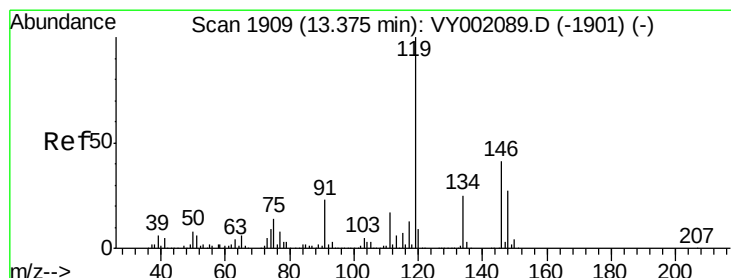
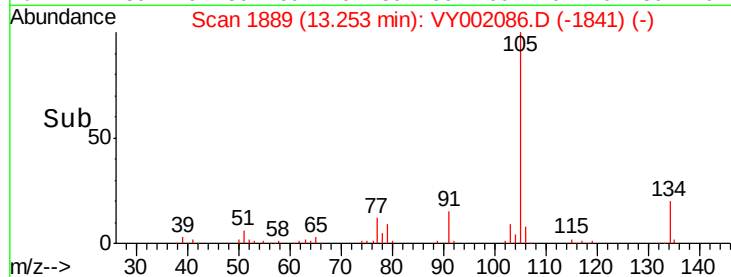
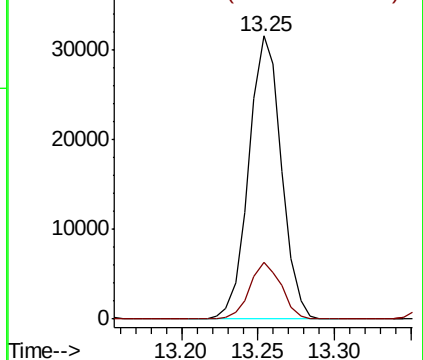
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.721 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

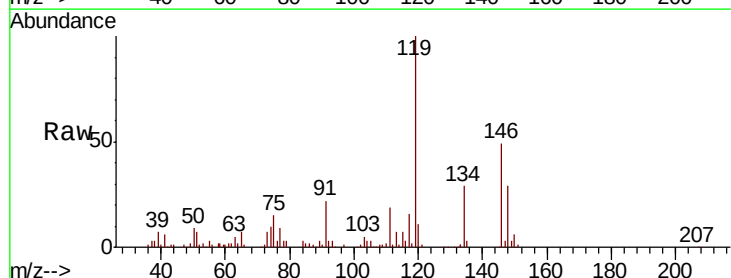
Tgt Ion:119 Resp: 39406

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

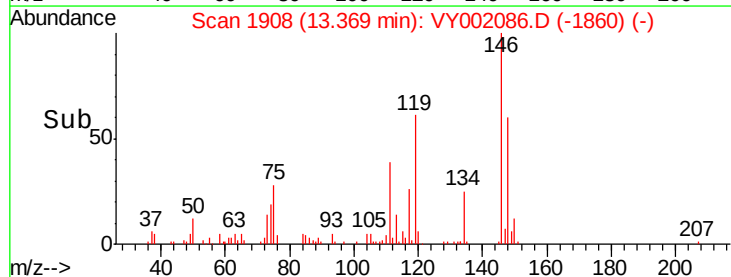
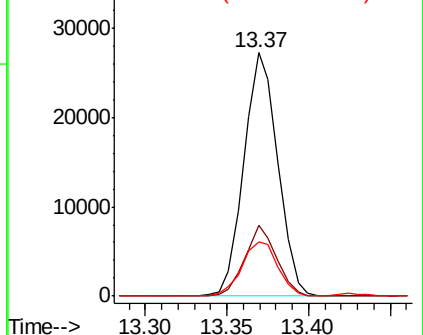
91 24.2 11.8 35.3

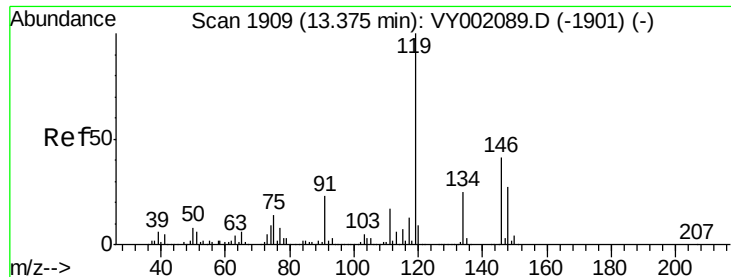


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 5.004 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

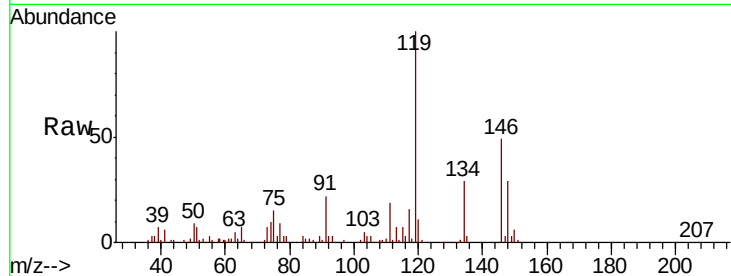
Tot Ion:146 Resp: 19904

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

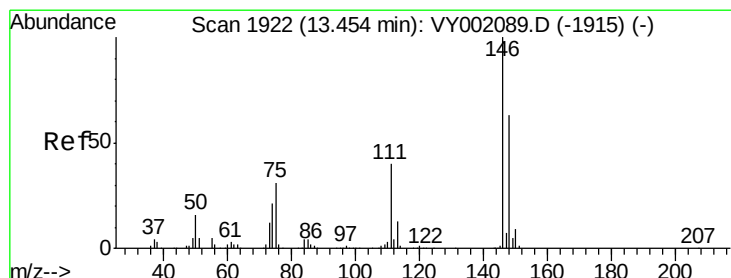
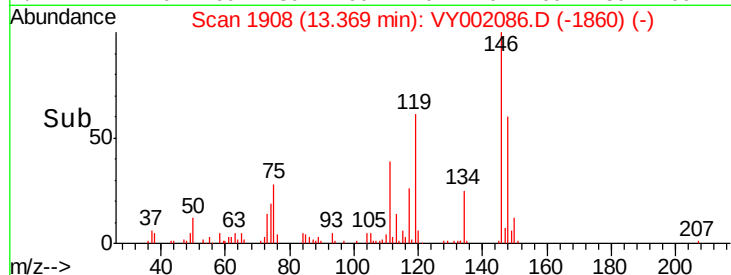
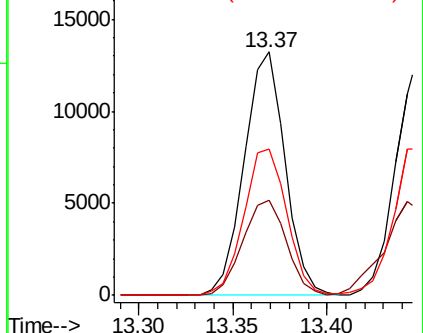
148 63.1 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 4.748 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

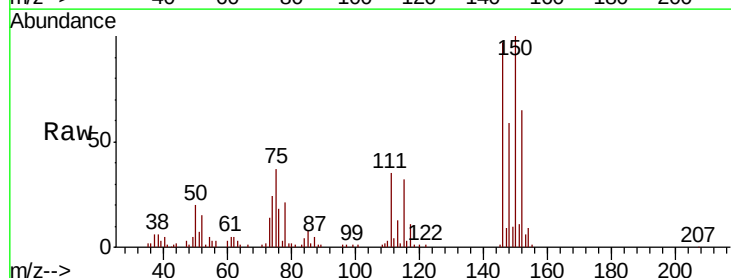
Tgt Ion:146 Resp: 19142

Ion Ratio Lower Upper

146 100

111 50.0 20.3 60.9

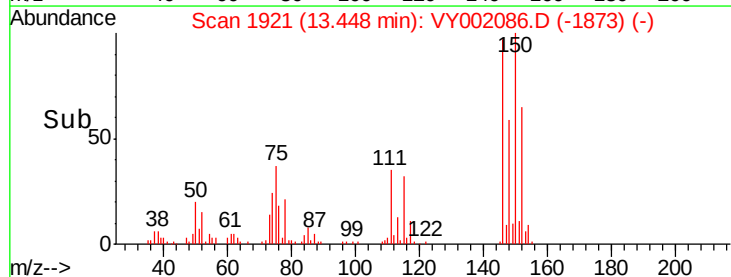
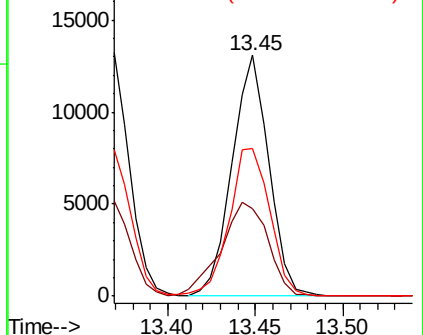
148 67.9 31.5 94.5

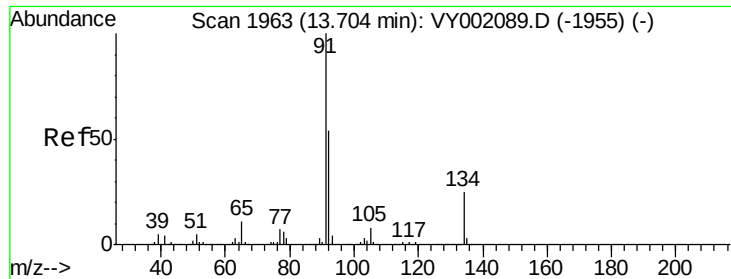


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

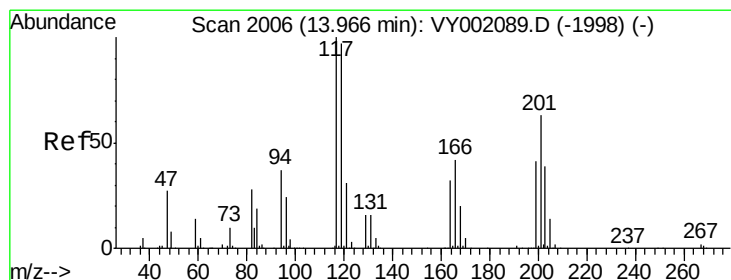
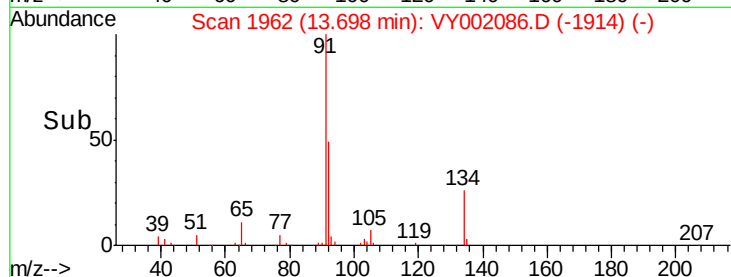
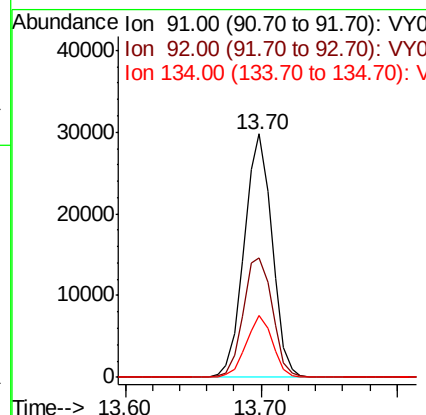
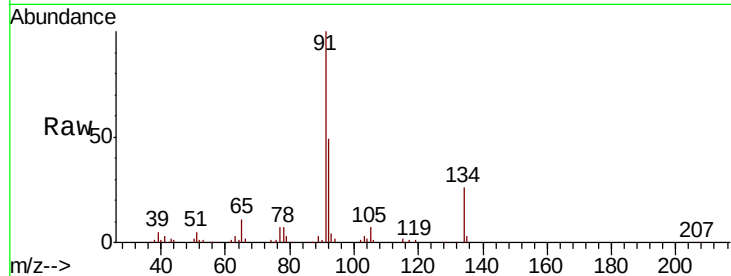




#89
n-Butylbenzene
Concen: 4.924 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

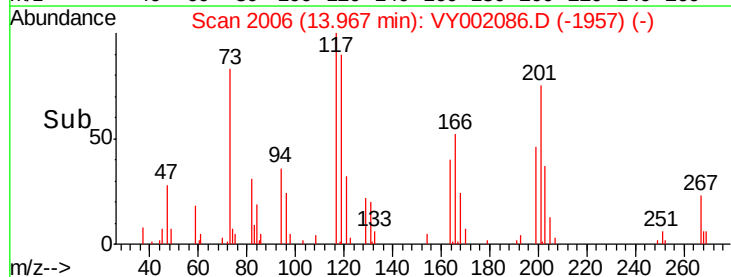
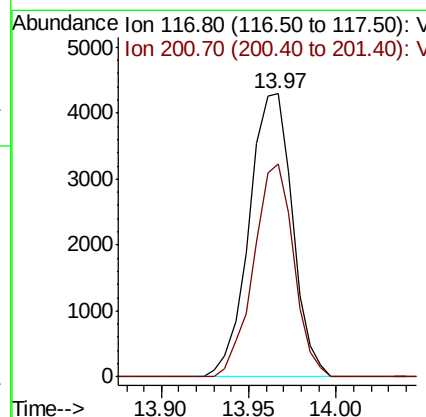
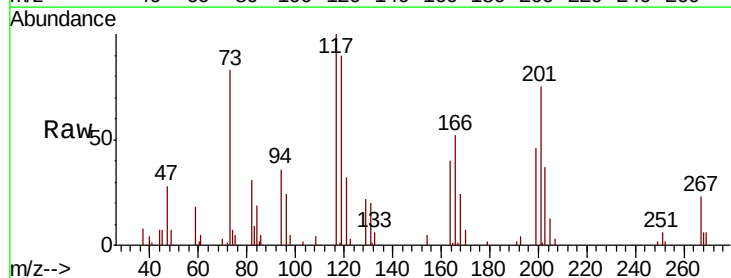
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

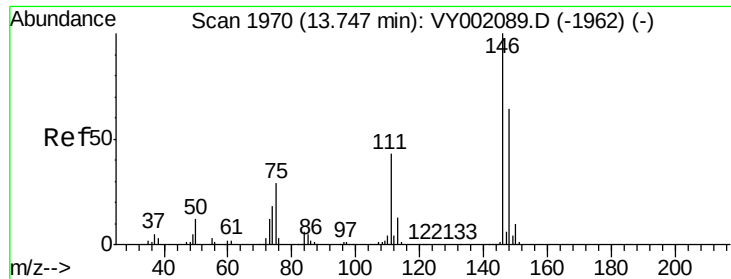
Tot Ion: 91 Resp: 42666
Ion Ratio Lower Upper
91 100
92 51.3 27.0 81.0
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 4.702 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion: 117 Resp: 7402
Ion Ratio Lower Upper
117 100
201 69.3 31.6 94.8

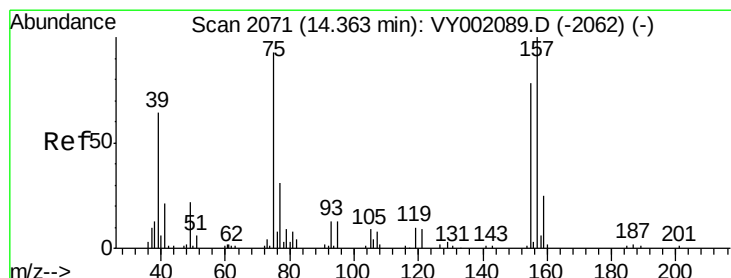
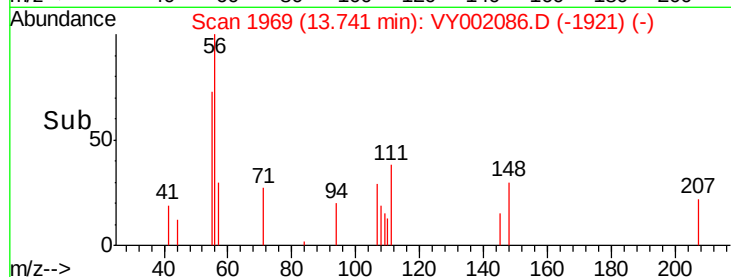
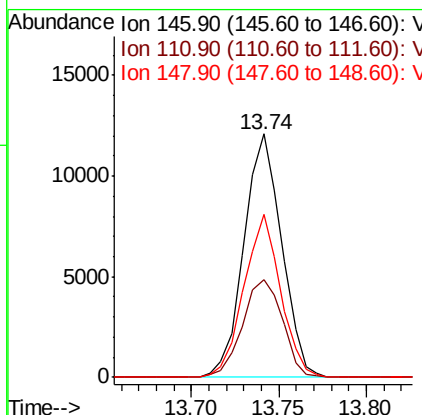
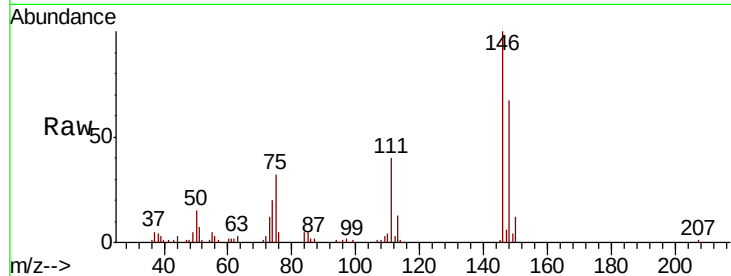




#91
 1,2-Dichlorobenzene
 Concen: 4.994 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

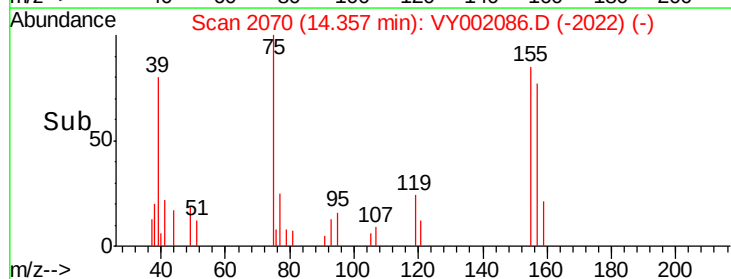
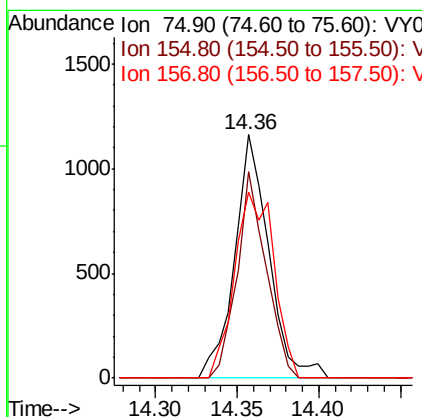
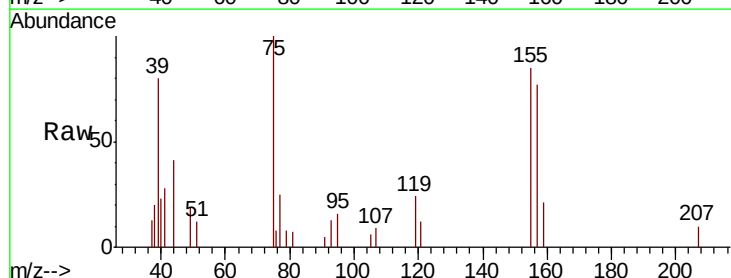
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

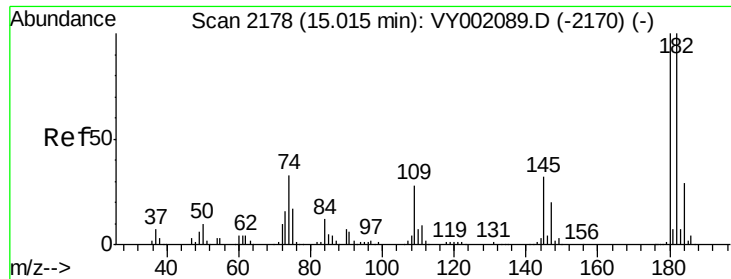
Tot Ion:146 Resp: 18115
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.7
 148 65.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.263 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion: 75 Resp: 1693
 Ion Ratio Lower Upper
 75 100
 155 72.1 41.6 124.9
 157 88.1 53.4 160.3

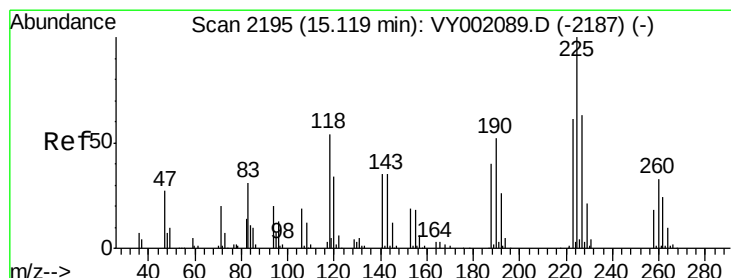
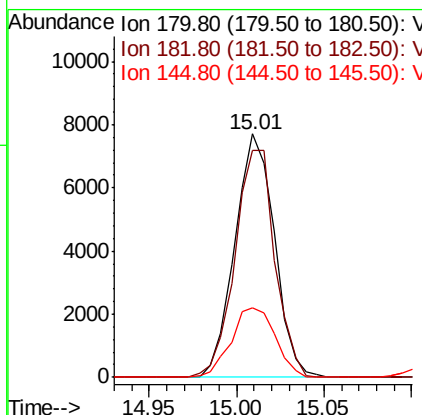
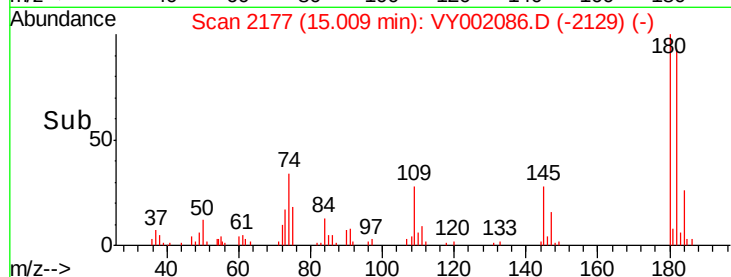
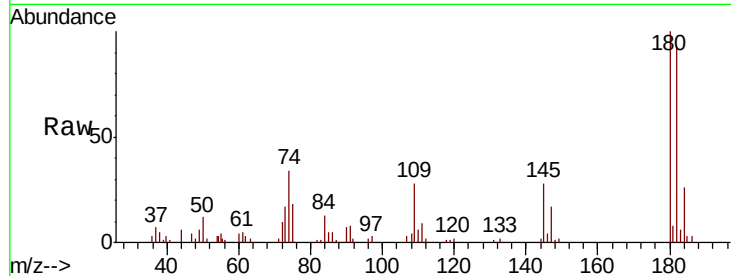




#93
 1,2,4-Trichlorobenzene
 Concen: 5.187 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

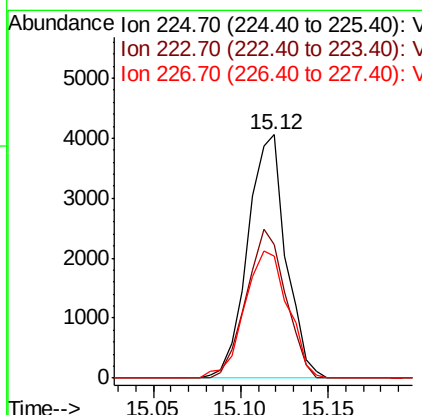
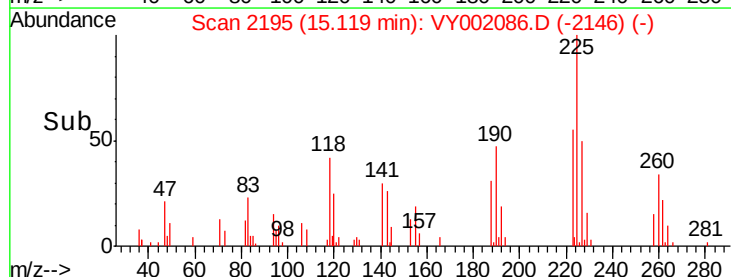
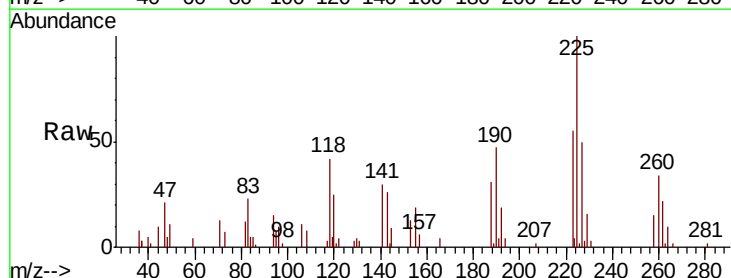
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

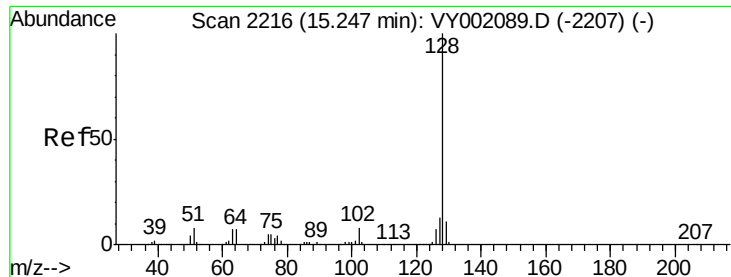
Tot Ion:180 Resp: 12141
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.1 144.3
 145 31.9 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 5.369 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002086.D
 Acq: 26 Mar 2020 15:17

Tgt Ion:225 Resp: 6165
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 59.5 31.6 94.7

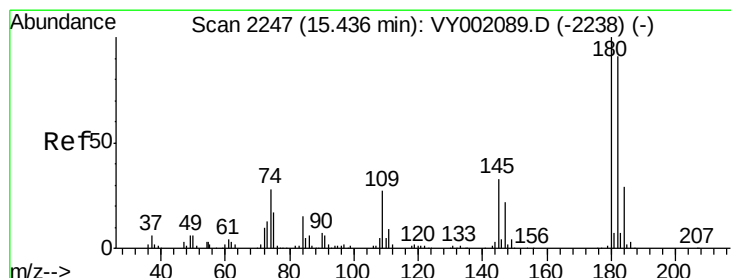
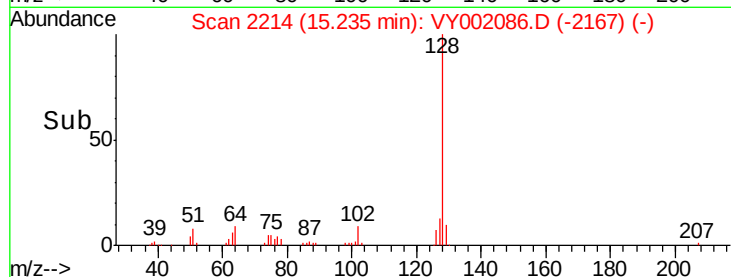
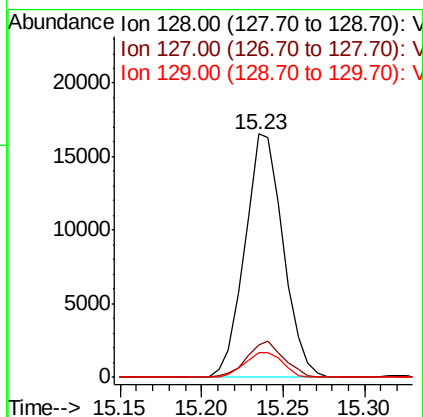
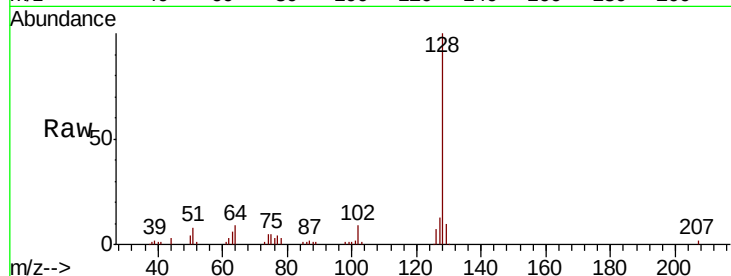




#95
Naphthalene
Concen: 4.868 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 27034
Ion Ratio Lower Upper
128 100
127 14.4 9.8 14.8
129 10.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.401 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002086.D
Acq: 26 Mar 2020 15:17

Tgt Ion:180 Resp: 11188
Ion Ratio Lower Upper
180 100
182 89.4 46.8 140.3
145 32.0 16.7 50.1

