

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001497.D
 Acq On : 04 Feb 2020 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 05:50:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	233458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	412177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	367867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	172683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	131860	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
35) Dibromofluoromethane	7.75	113	124393	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.19	98	485182	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.49	95	182947	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	119813	52.429	ug/l	97
3) Chloromethane	2.13	50	126305	52.881	ug/l	99
4) Vinyl Chloride	2.26	62	130504	52.621	ug/l	98
5) Bromomethane	2.66	94	84209	53.990	ug/l	97
6) Chloroethane	2.81	64	79440	53.140	ug/l	98
7) Trichlorofluoromethane	3.15	101	214251	52.191	ug/l	97
8) Diethyl Ether	3.55	74	78360	56.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	130512	52.839	ug/l	100
10) Methyl Iodide	4.11	142	168615	53.575	ug/l	99
11) Tert butyl alcohol	4.99	59	79845	310.212	ug/l	99
12) 1,1-Dichloroethene	3.90	96	128766	52.461	ug/l	98
13) Acrolein	3.75	56	64049	287.766	ug/l	98
14) Allyl chloride	4.51	41	201951	53.784	ug/l	99
15) Acrylonitrile	5.20	53	191349	301.303	ug/l	99
16) Acetone	3.97	43	203480	299.265	ug/l	98
17) Carbon Disulfide	4.22	76	413595	52.932	ug/l	99
18) Methyl Acetate	4.50	43	86164	59.384	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	376787	57.723	ug/l	97
20) Methylene Chloride	4.75	84	147694	56.047	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	145522	53.332	ug/l	98
22) Diisopropyl ether	6.15	45	413594	55.597	ug/l	99
23) Vinyl Acetate	6.09	43	1341586	283.293	ug/l	98
24) 1,1-Dichloroethane	6.05	63	242546	54.205	ug/l	99
25) 2-Butanone	7.02	43	273622	310.192	ug/l	98
26) 2,2-Dichloropropane	7.01	77	214184	50.014	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	161336	54.134	ug/l	100
28) Bromochloromethane	7.36	49	93637	61.428	ug/l	99
29) Tetrahydrofuran	7.38	42	167463	316.740	ug/l	99
30) Chloroform	7.53	83	248803	54.894	ug/l	99
31) Cyclohexane	7.81	56	232165	50.723	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	220129	53.568	ug/l	98
36) 1,1-Dichloropropene	7.94	75	197374	52.345	ug/l	99
37) Ethyl Acetate	7.10	43	112158	61.445	ug/l	98
38) Carbon Tetrachloride	7.92	117	190599	52.246	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	257599	51.884	ug/l	98
40) Benzene	8.18	78	573510	53.325	ug/l	100
41) Methacrylonitrile	7.37	41	152786	180.600	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	165900	55.367	ug/l	100
43) Isopropyl Acetate	8.30	43	218700	60.513	ug/l	98
44) Trichloroethene	8.96	130	152070	52.456	ug/l	98
45) 1,2-Dichloropropane	9.23	63	140999	54.291	ug/l	99
46) Dibromomethane	9.32	93	81356	55.787	ug/l	99
47) Bromodichloromethane	9.51	83	195792	55.102	ug/l	98
48) Methyl methacrylate	9.31	41	97455	59.412	ug/l	100
49) 1,4-Dioxane	9.31	88	24108	1251.748	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	550448	309.268	ug/l	99
52) Toluene	10.25	92	358832	52.583	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	214172	55.339	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	241989	54.464	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	117990	56.391	ug/l	100
56) Ethyl methacrylate	10.52	69	176579	59.334	ug/l	99
57) 1,3-Dichloropropane	10.80	76	203808	55.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	313926	286.744	ug/l	99
59) 2-Hexanone	10.84	43	412134	318.471	ug/l	99
60) Dibromochloromethane	10.99	129	138783	56.271	ug/l	99
61) 1,2-Dibromoethane	11.10	107	117051	56.798	ug/l	99
64) Tetrachloroethene	10.73	164	142010	58.864	ug/l	98
65) Chlorobenzene	11.52	112	380348	52.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	132919	52.579	ug/l	100
67) Ethyl Benzene	11.60	91	693612	51.936	ug/l	99
68) m/p-Xylenes	11.70	106	516765	103.073	ug/l	99
69) o-Xylene	12.03	106	250277	52.945	ug/l	100
70) Styrene	12.05	104	433517	53.032	ug/l	100
71) Bromoform	12.21	173	81530	57.919	ug/l #	98
73) Isopropylbenzene	12.33	105	669262	50.816	ug/l	100
74) N-amyl acetate	12.14	43	207199	60.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	143989	57.544	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	191921	103.348	ug/l #	100
77) Bromobenzene	12.61	156	149380	52.411	ug/l	95
78) n-propylbenzene	12.67	91	800756	50.787	ug/l	100
79) 2-Chlorotoluene	12.76	91	464448	51.678	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	570797	51.462	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54742	57.039	ug/l	97
82) 4-Chlorotoluene	12.86	91	484949	51.465	ug/l	100
83) tert-Butylbenzene	13.08	119	471605	50.302	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	563505	51.331	ug/l	100
85) sec-Butylbenzene	13.25	105	673844	51.120	ug/l	100
86) p-Isopropyltoluene	13.38	119	595432	51.260	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	280366	51.328	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	286563	52.367	ug/l	99
89) n-Butylbenzene	13.70	91	595752	51.980	ug/l	100
90) Hexachloroethane	13.96	117	119253	53.488	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	263467	53.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27296	59.091	ug/l	98

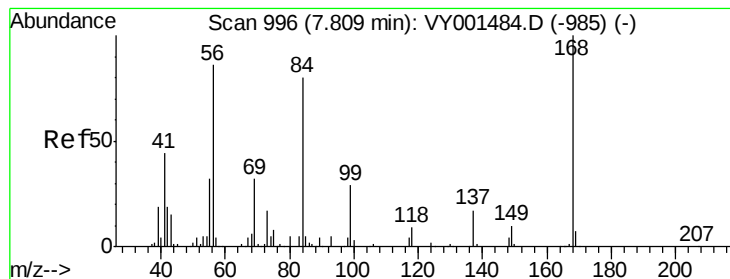
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	179373	53.773	ug/l	99
94) Hexachlorobutadiene	15.12	225	87908	51.925	ug/l	98
95) Naphthalene	15.24	128	435978	55.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	159556	54.187	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

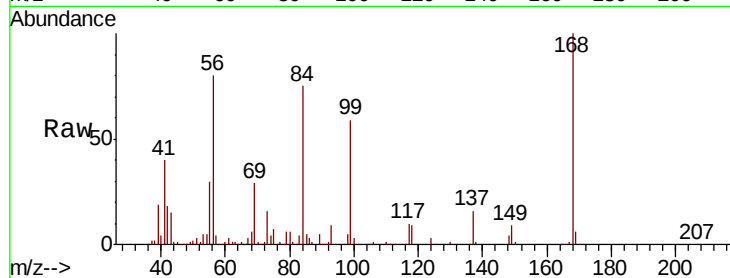
VSTDCCC050EC

Tot Ion:168 Resp: 233458

Ion Ratio Lower Upper

168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

120000

100000

80000

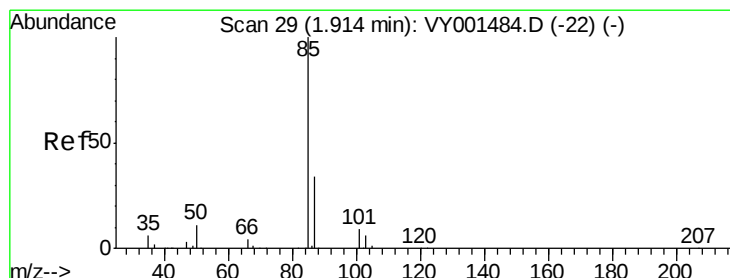
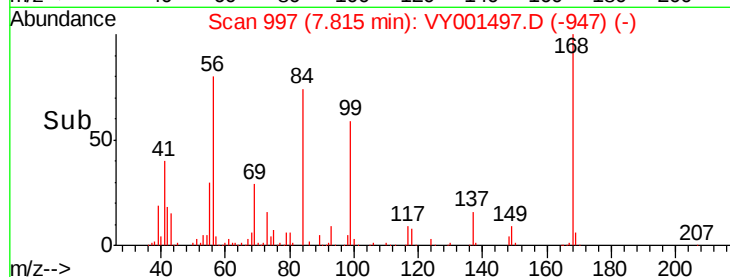
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.429 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001497.D

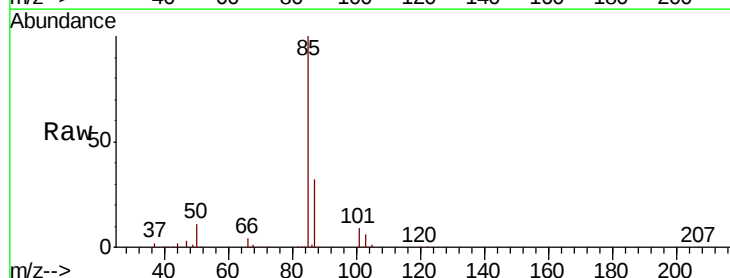
Acq: 04 Feb 2020 19:12

Tgt Ion: 85 Resp: 119813

Ion Ratio Lower Upper

85 100

87 32.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

80000

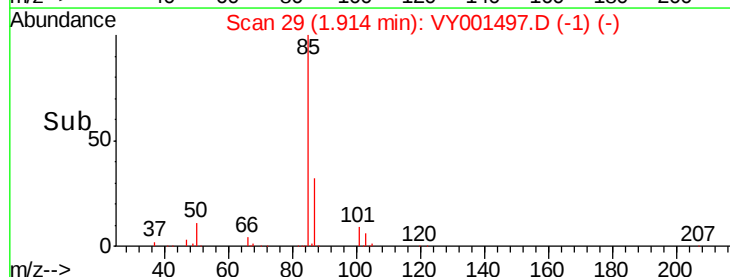
60000

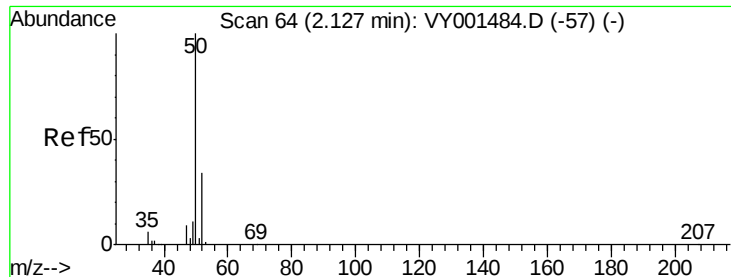
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.881 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

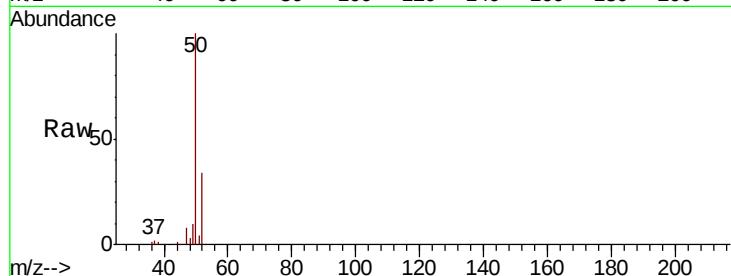
VSTDCCC050EC

Tot Ion: 50 Resp: 126305

Ion Ratio Lower Upper

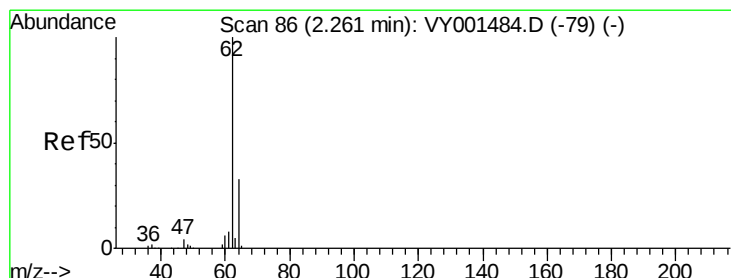
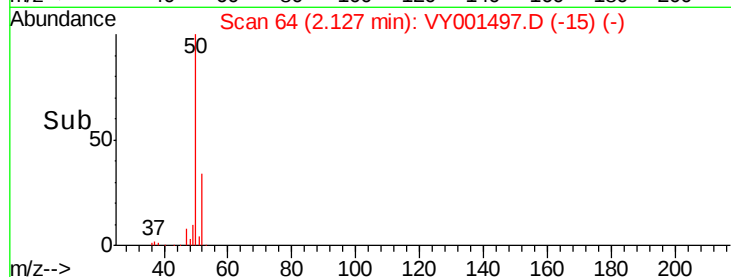
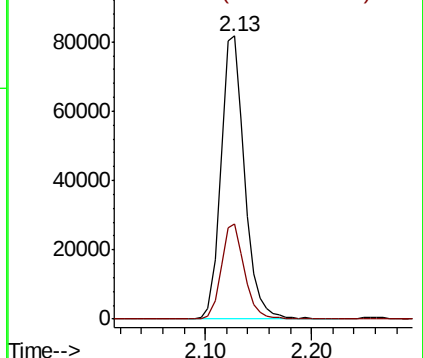
50 100

52 33.7 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.621 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001497.D

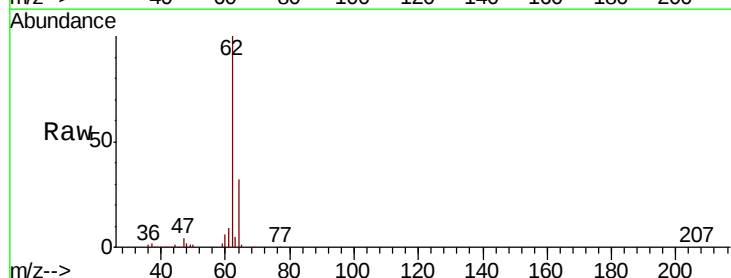
Acq: 04 Feb 2020 19:12

Tgt Ion: 62 Resp: 130504

Ion Ratio Lower Upper

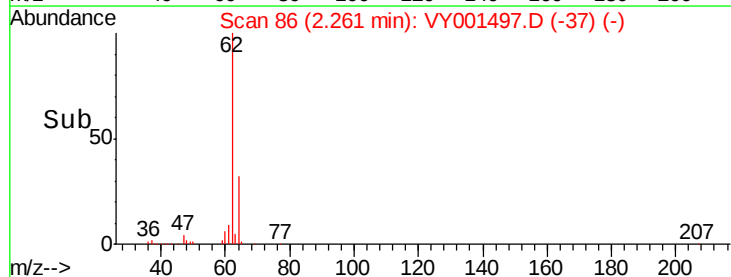
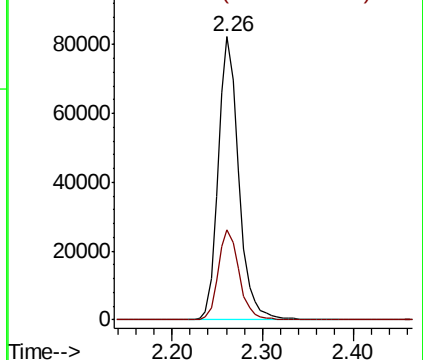
62 100

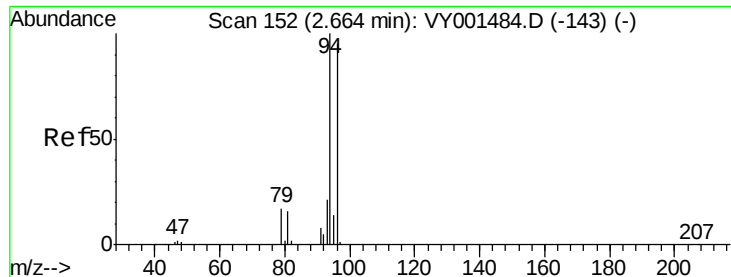
64 31.8 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.990 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

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ClientSampleId :

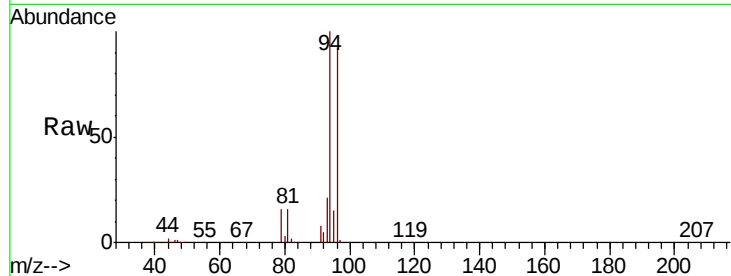
VSTDCCC050EC

Tot Ion: 94 Resp: 84209

Ion Ratio Lower Upper

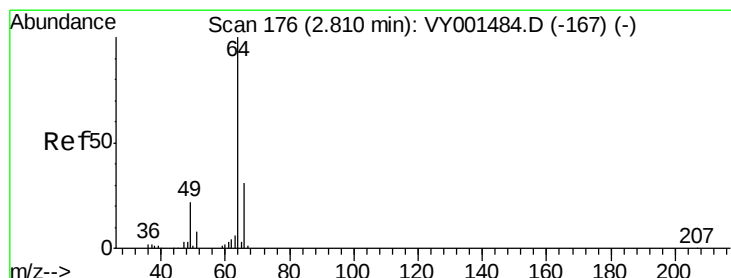
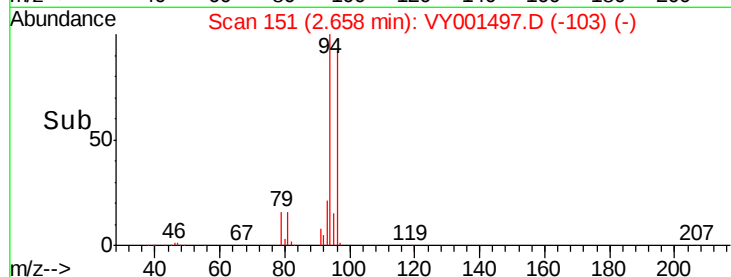
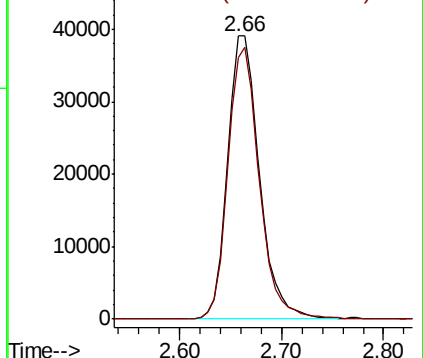
94 100

96 92.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.140 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001497.D

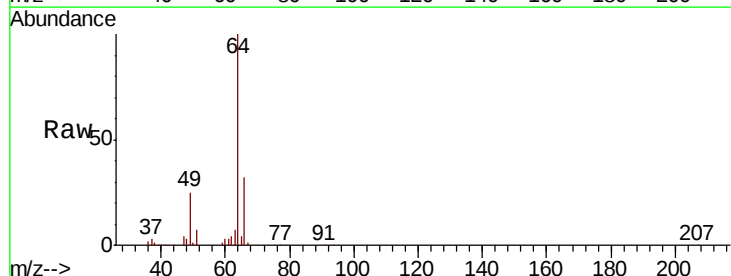
Acq: 04 Feb 2020 19:12

Tgt Ion: 64 Resp: 79440

Ion Ratio Lower Upper

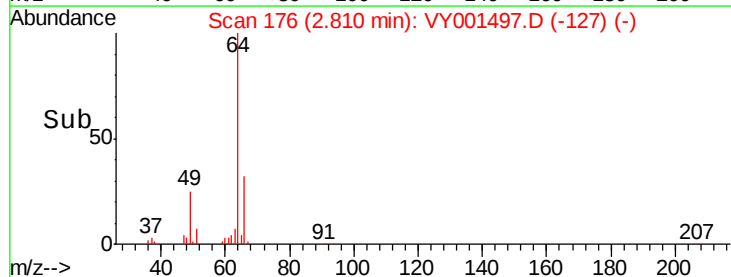
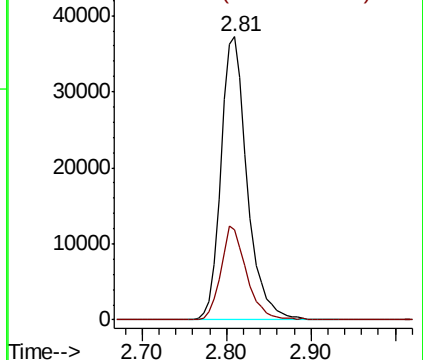
64 100

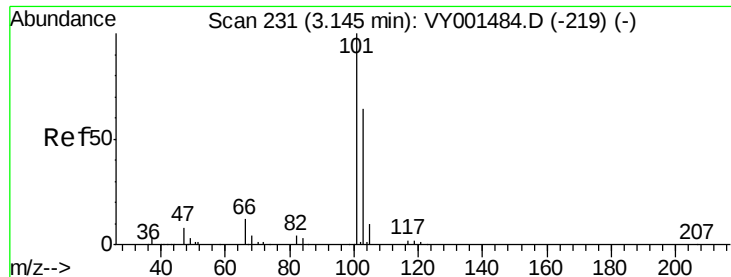
66 31.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 52.191 ug/l

RT: 3.15 min Scan# 231

Delta R.T. 0.00 min

Lab File: VY001497.D

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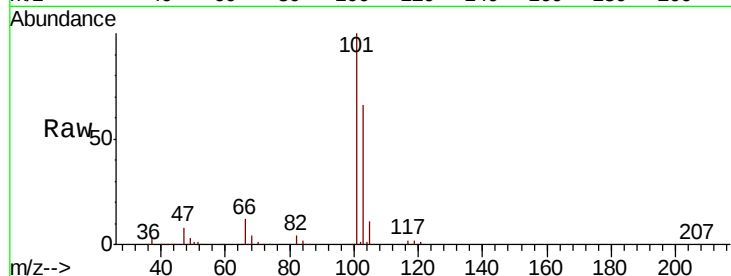
VSTDCCC050EC

Tot Ion:101 Resp: 214251

Ion Ratio Lower Upper

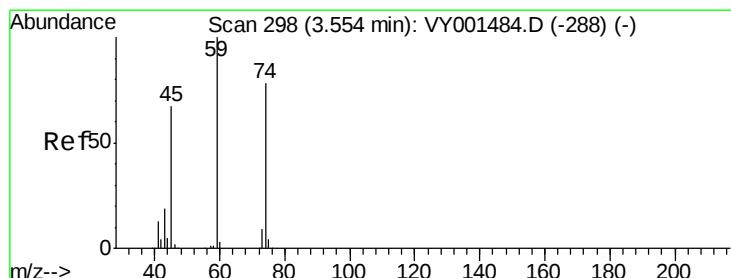
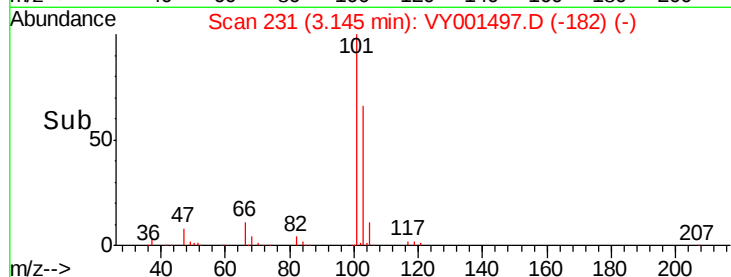
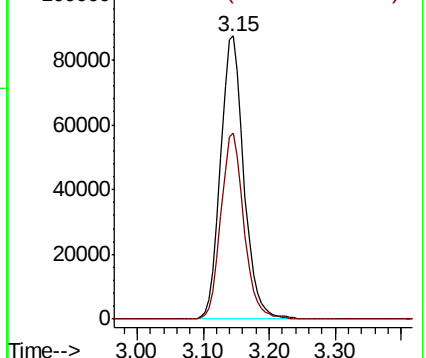
101 100

103 65.7 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 56.565 ug/l

RT: 3.55 min Scan# 297

Delta R.T. -0.01 min

Lab File: VY001497.D

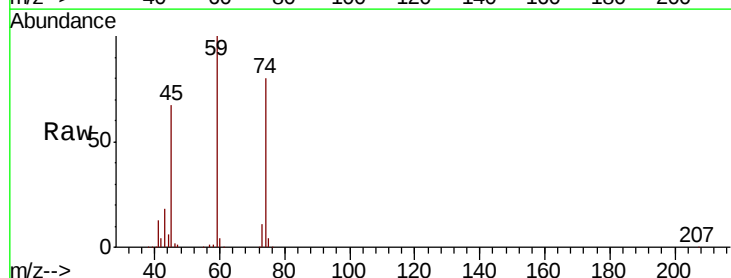
Acq: 04 Feb 2020 19:12

Tgt Ion: 74 Resp: 78360

Ion Ratio Lower Upper

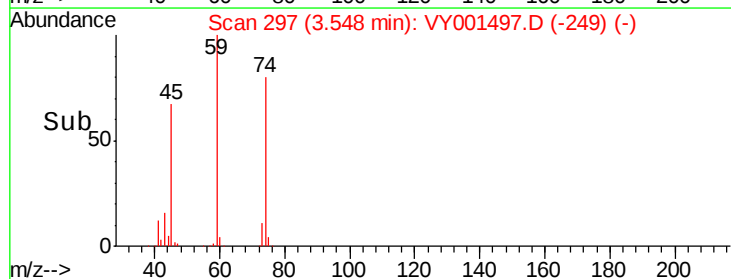
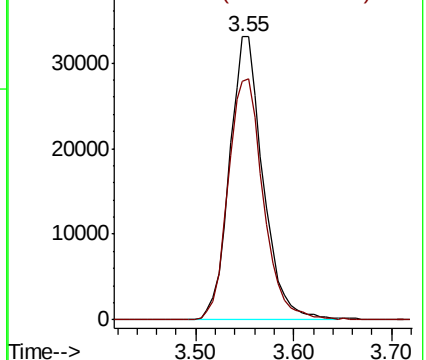
74 100

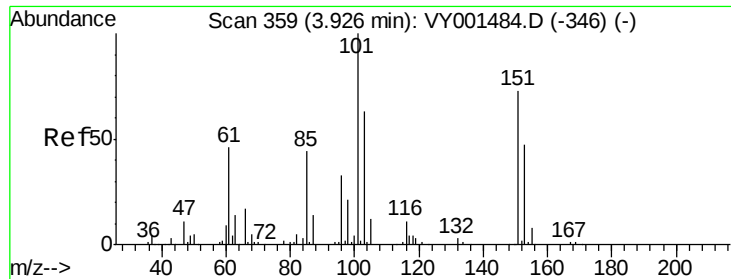
45 89.8 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.839 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

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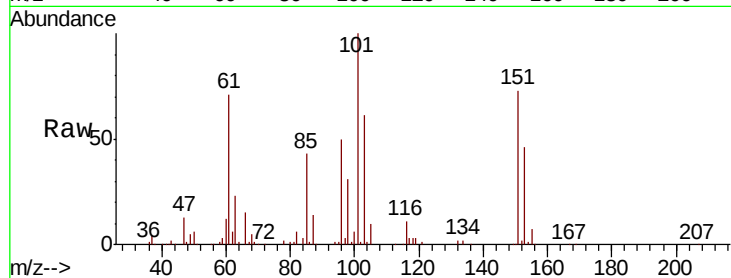
Tot Ion:101 Resp: 130512

Ion Ratio Lower Upper

101 100

85 42.9 34.6 51.8

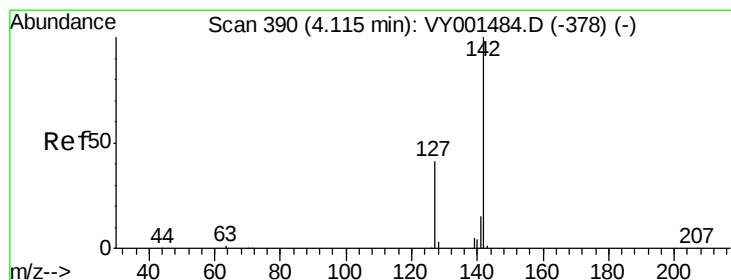
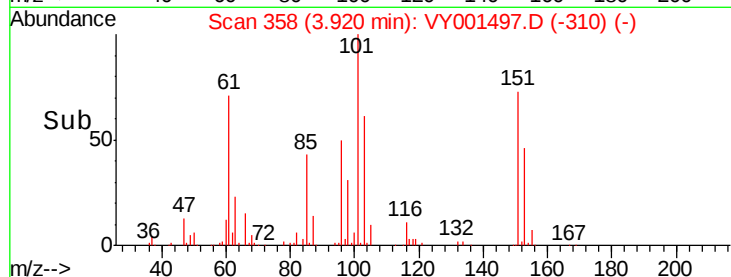
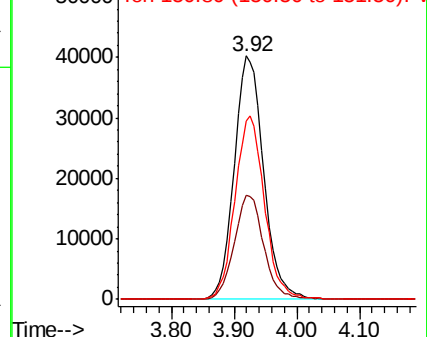
151 75.3 60.3 90.5



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: 53.575 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

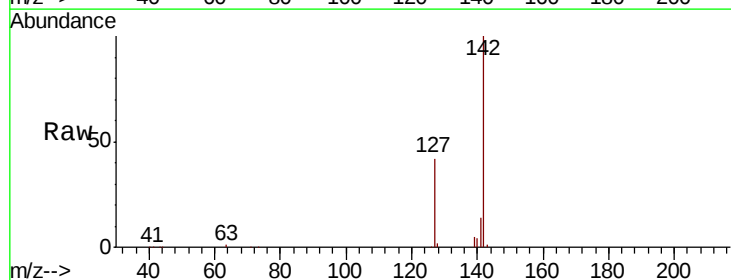
Tgt Ion:142 Resp: 168615

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

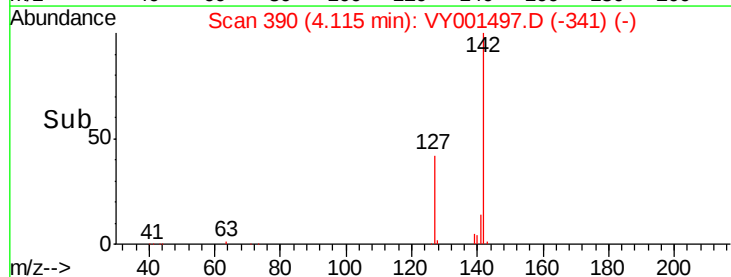
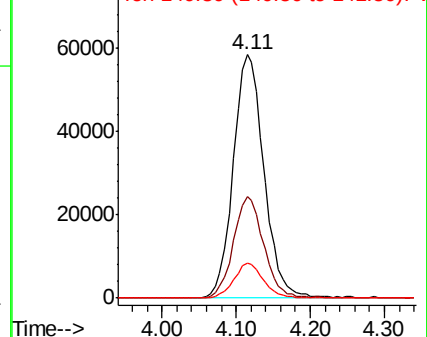
141 13.9 11.5 17.3

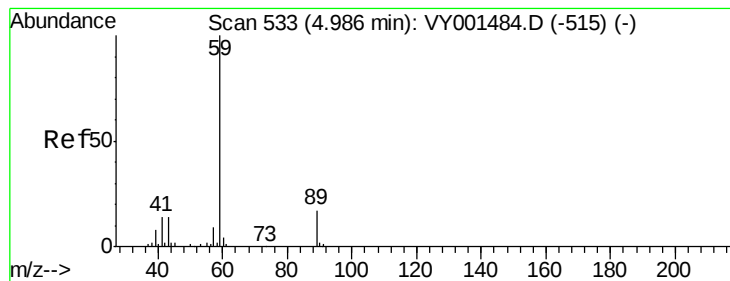


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



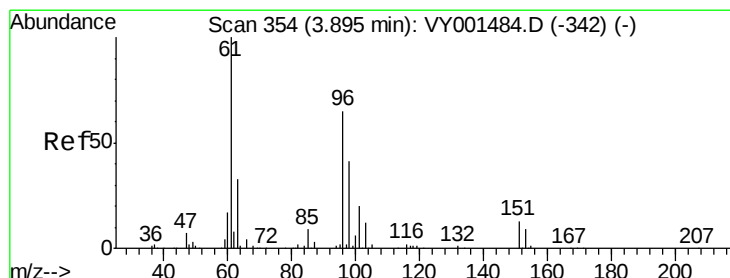
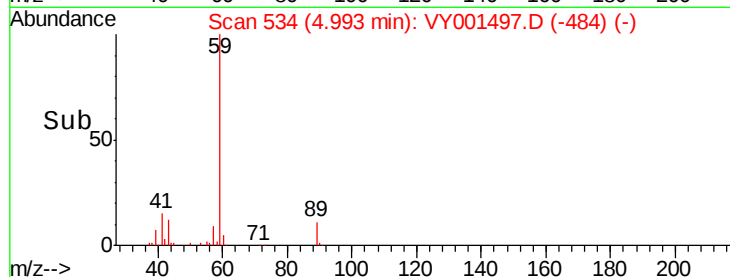
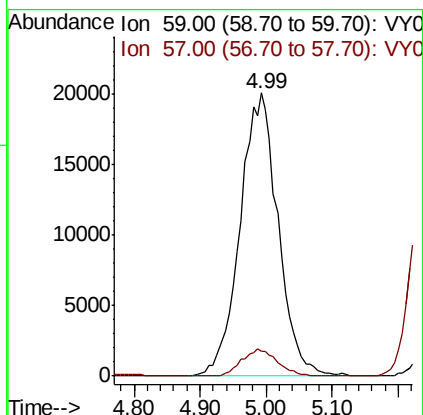
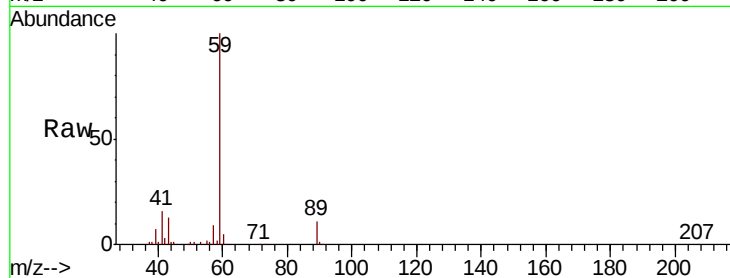


#11

Tert butyl alcohol
Concen: 310.212 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

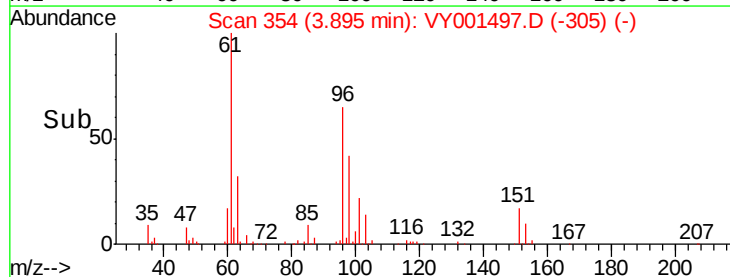
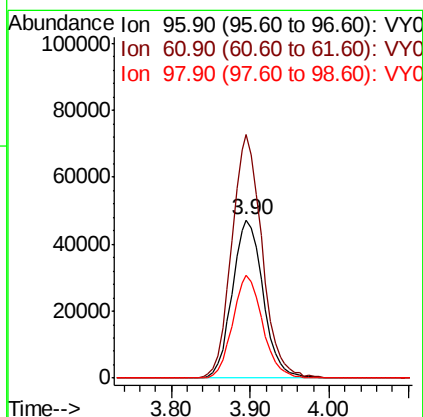
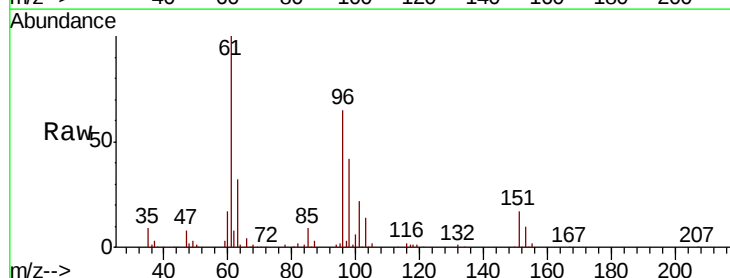
Tot Ion: 59 Resp: 79845
Ion Ratio Lower Upper
59 100
57 9.1 7.0 10.6

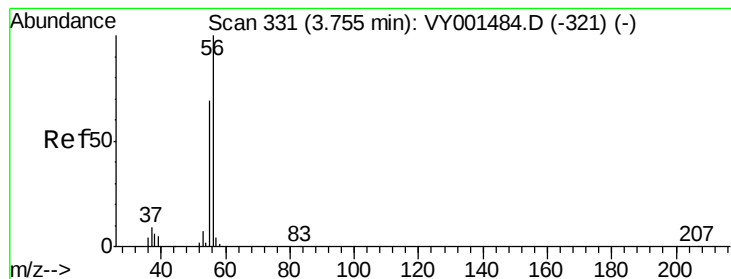


#12

1,1-Dichloroethene
Concen: 52.461 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 96 Resp: 128766
Ion Ratio Lower Upper
96 100
61 153.9 122.3 183.5
98 64.7 49.7 74.5





#13

Acrolein

Concen: 287.766 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

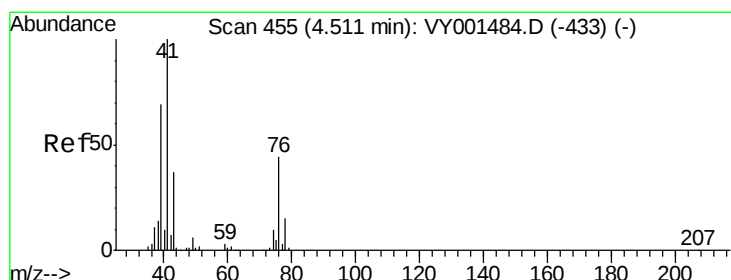
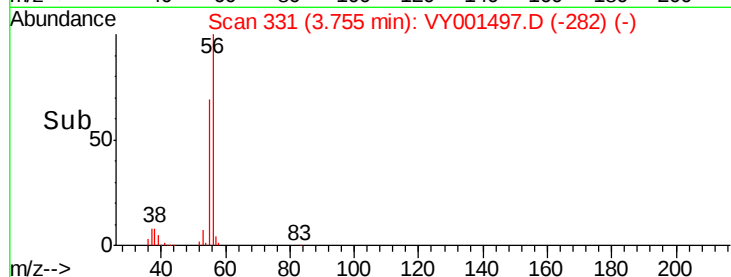
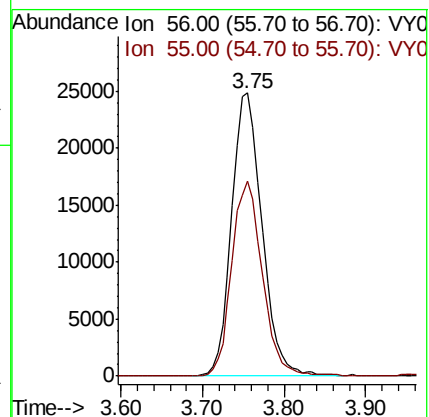
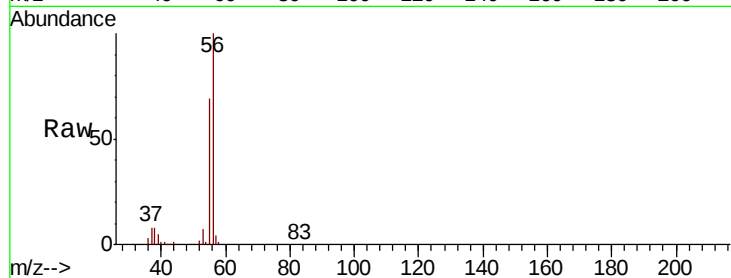
VSTDCCC050EC

Tot Ion: 56 Resp: 64049

Ion Ratio Lower Upper

56 100

55 69.0 56.2 84.4



#14

Allyl chloride

Concen: 53.784 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

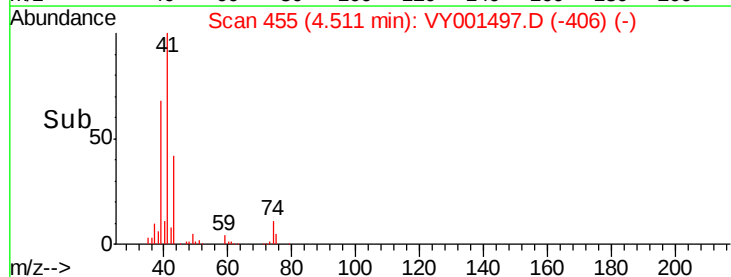
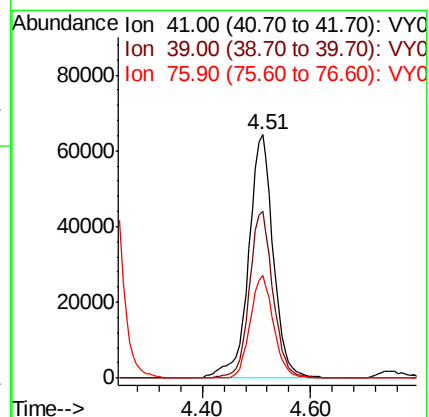
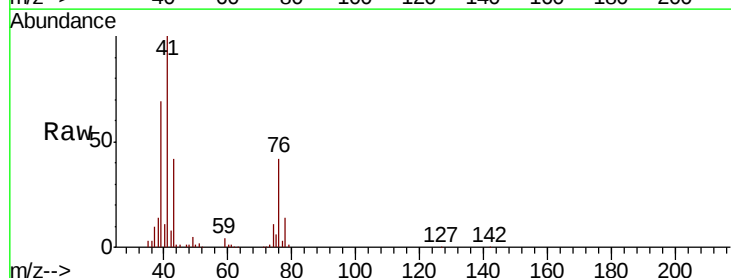
Tgt Ion: 41 Resp: 201951

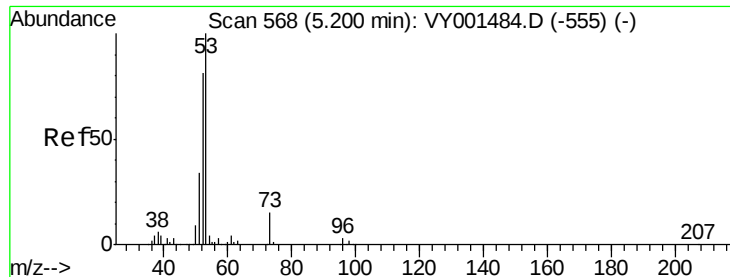
Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.6

76 39.7 32.6 48.8





#15

Acrylonitrile

Concen: 301.303 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

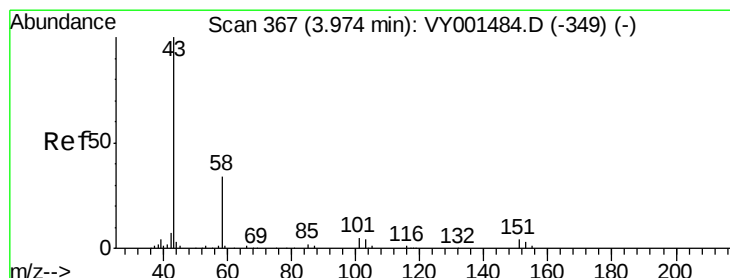
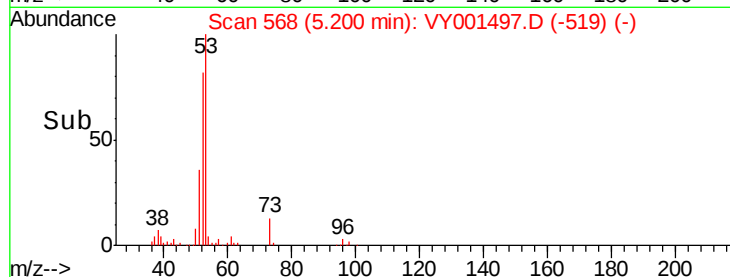
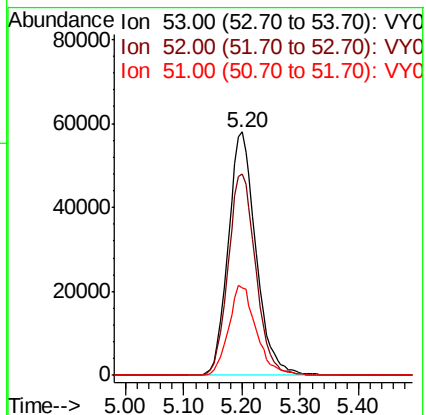
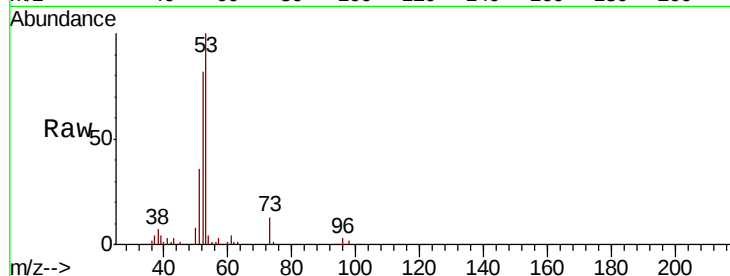
Tot Ion: 53 Resp: 191349

Ion Ratio Lower Upper

53 100

52 82.7 65.4 98.2

51 36.9 29.0 43.4



#16

Acetone

Concen: 299.265 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001497.D

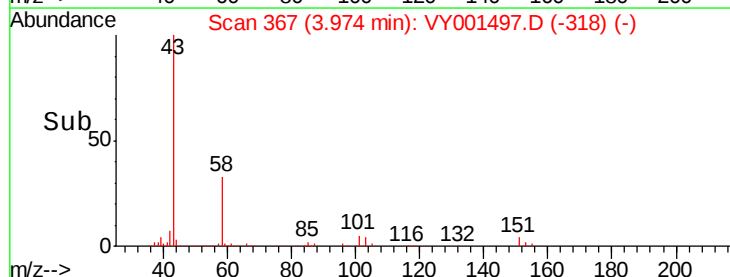
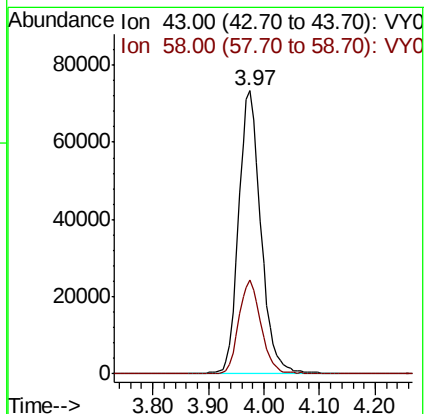
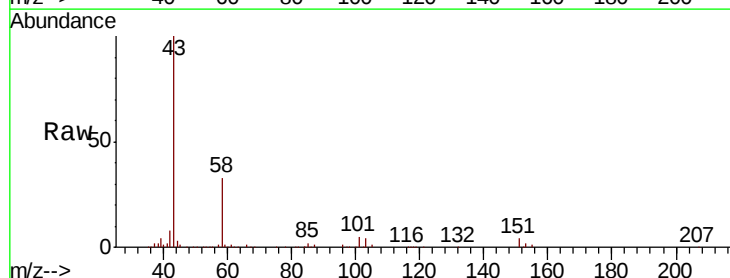
Acq: 04 Feb 2020 19:12

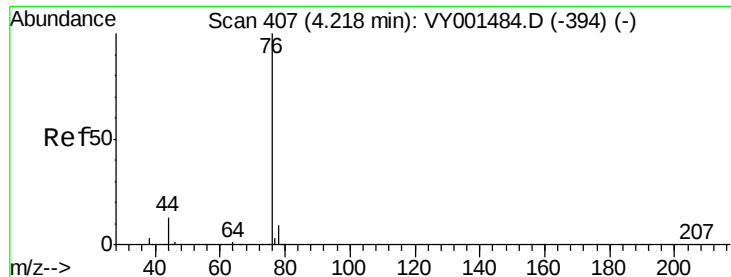
Tgt Ion: 43 Resp: 203480

Ion Ratio Lower Upper

43 100

58 33.3 27.5 41.3

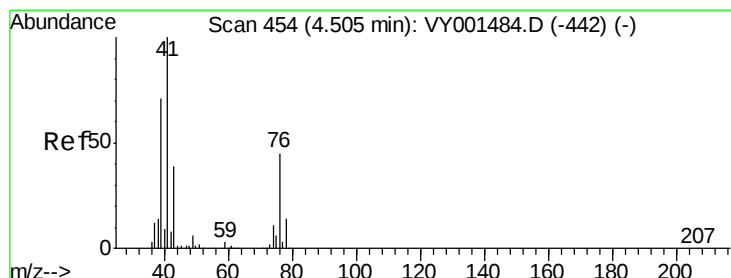
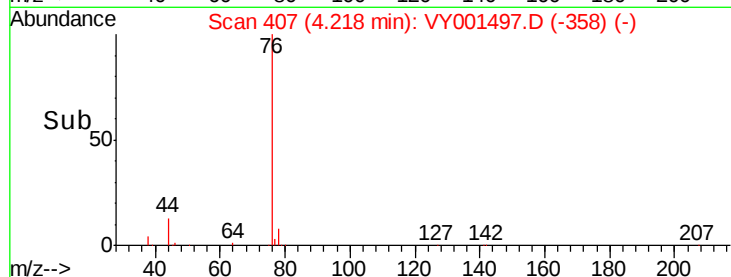
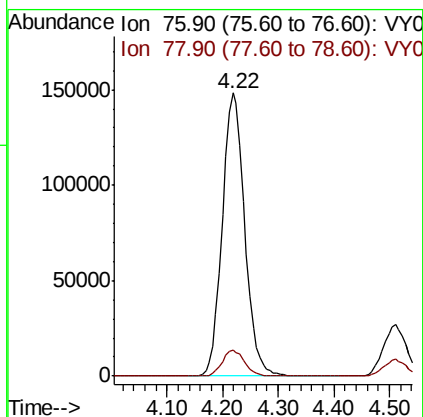
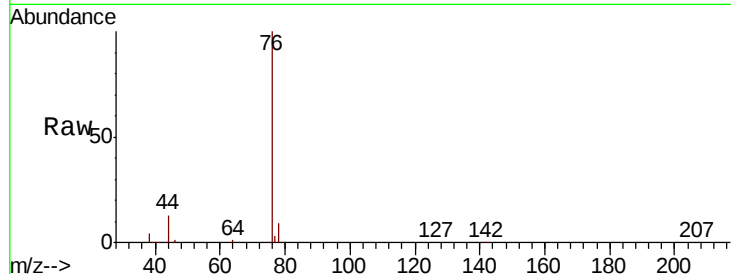




#17
Carbon Disulfide
Concen: 52.932 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

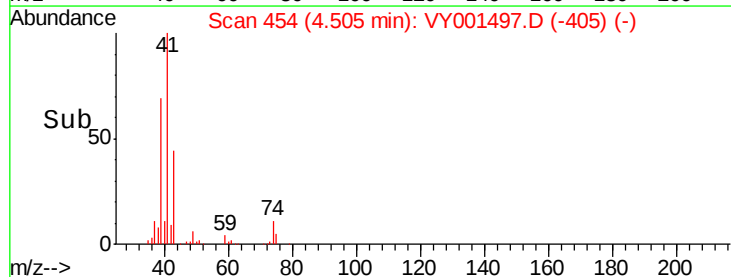
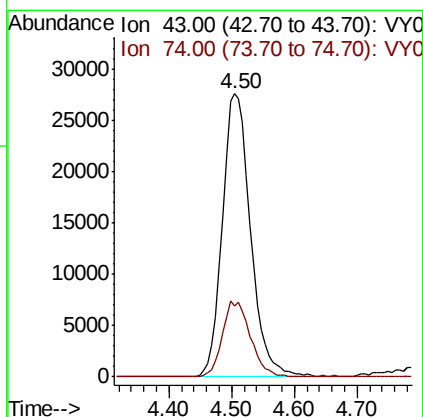
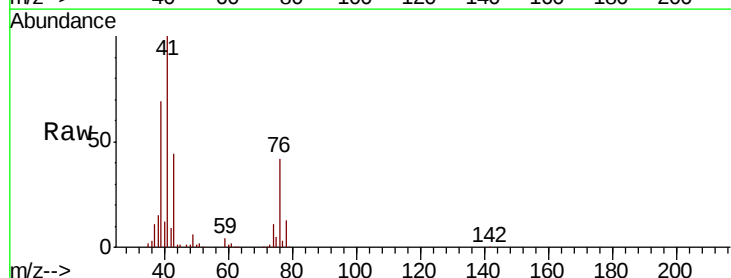
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 413595
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 59.384 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 43 Resp: 86164
Ion Ratio Lower Upper
43 100
74 26.5 21.0 31.6

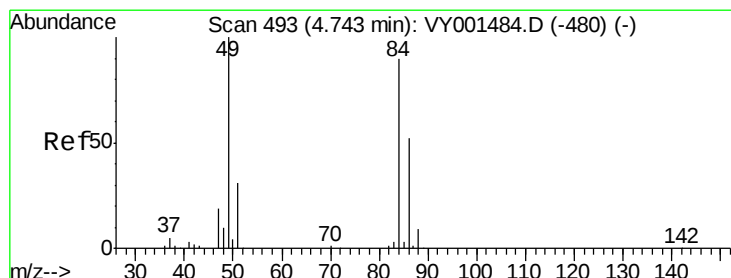
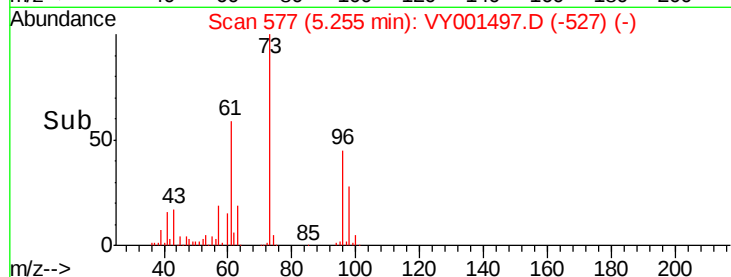
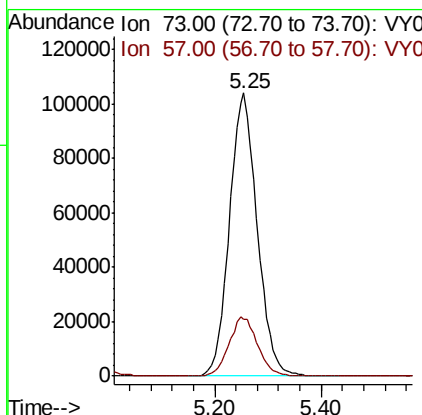
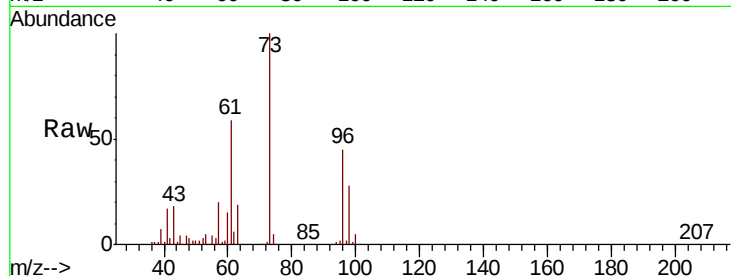




#19
Methyl tert-butyl Ether
Concen: 57.723 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

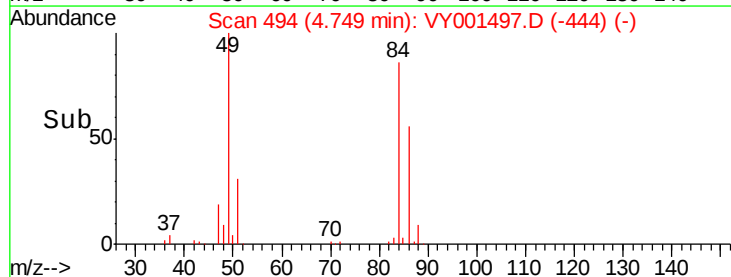
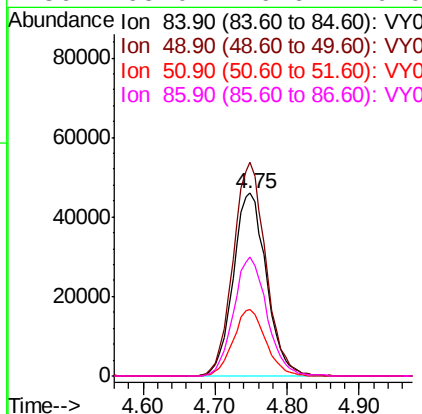
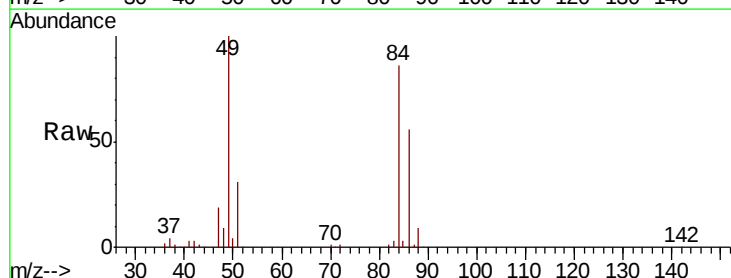
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

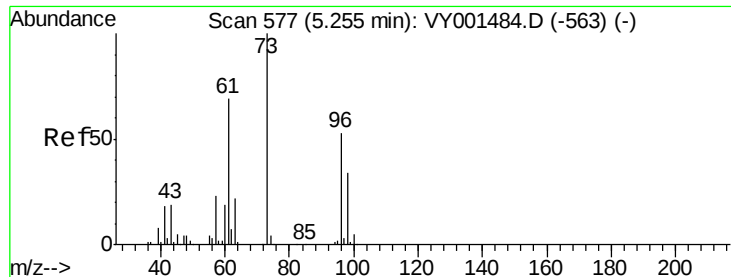
Tot Ion: 73 Resp: 376787
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.6



#20
Methylene Chloride
Concen: 56.047 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 84 Resp: 147694
Ion Ratio Lower Upper
84 100
49 116.6 89.0 133.6
51 36.6 27.4 41.2
86 65.0 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 53.332 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

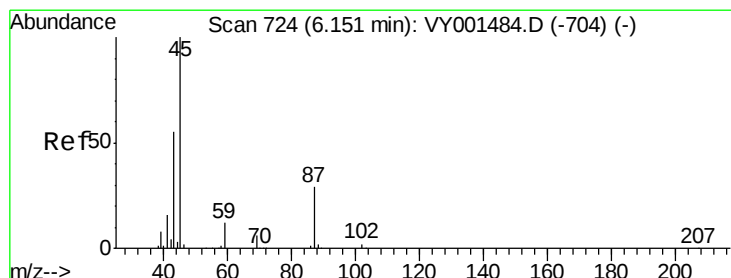
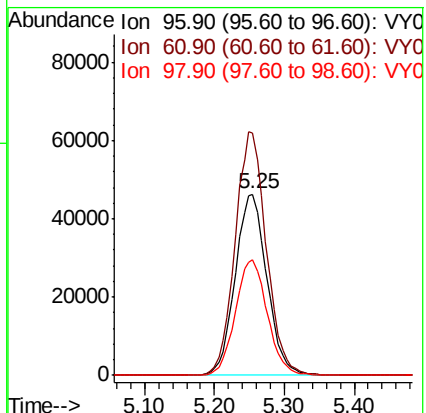
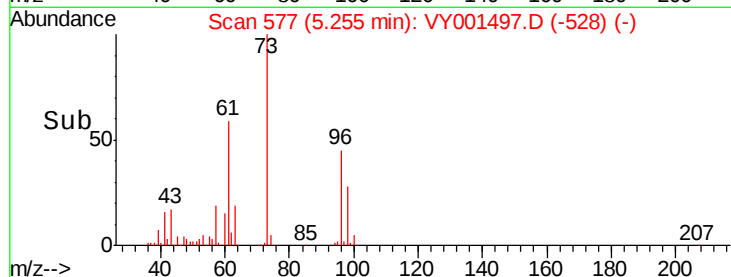
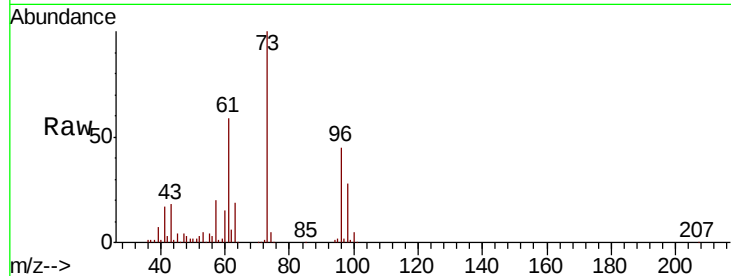
Tot Ion: 96 Resp: 145522

Ion Ratio Lower Upper

96 100

61 133.7 104.2 156.4

98 63.5 51.4 77.0



#22

Diisopropyl ether

Concen: 55.597 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Tgt Ion: 45 Resp: 413594

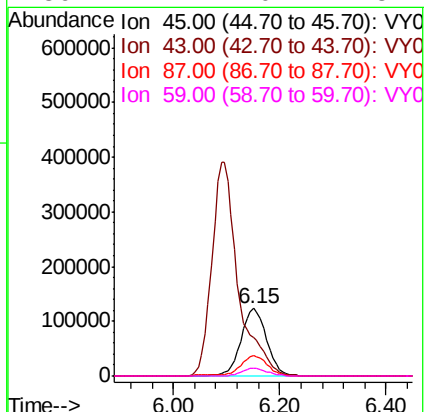
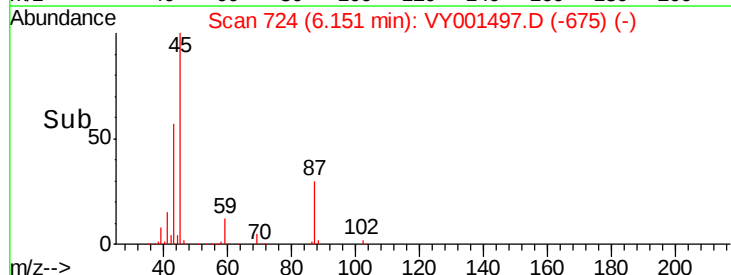
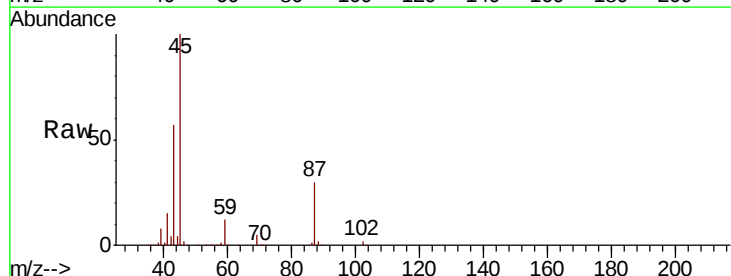
Ion Ratio Lower Upper

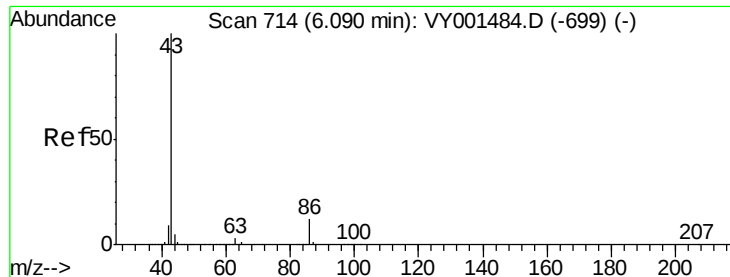
45 100

43 56.6 44.2 66.4

87 30.3 23.9 35.9

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 283.293 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

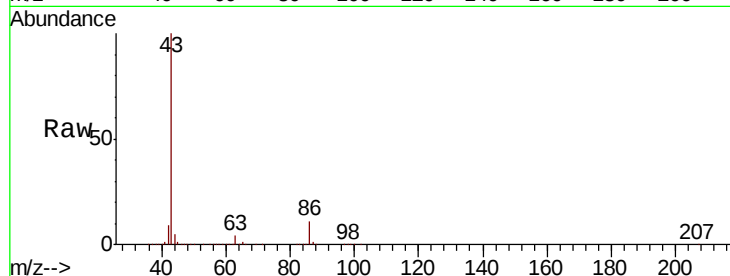
VSTDCCC050EC

Tot Ion: 43 Resp: 1341586

Ion Ratio Lower Upper

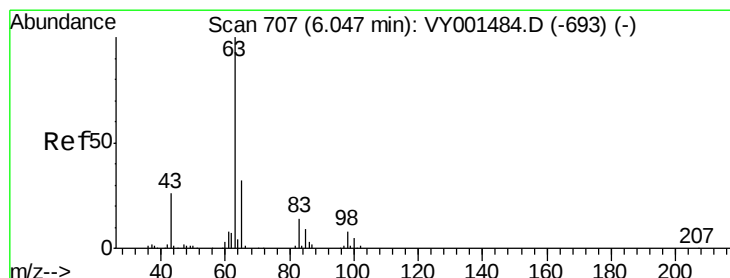
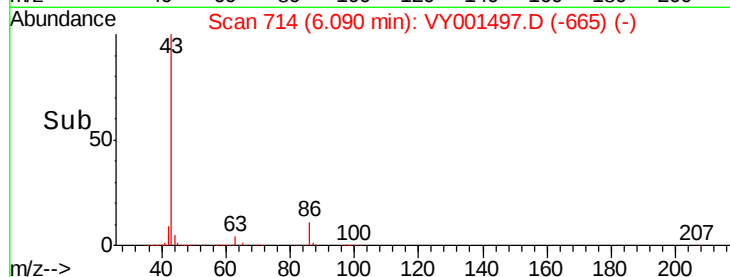
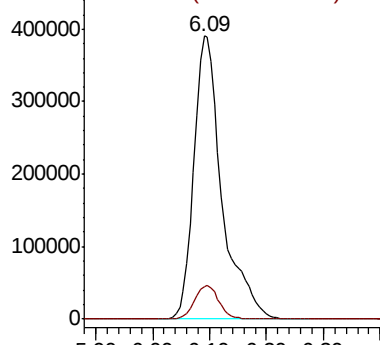
43 100

86 11.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.205 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

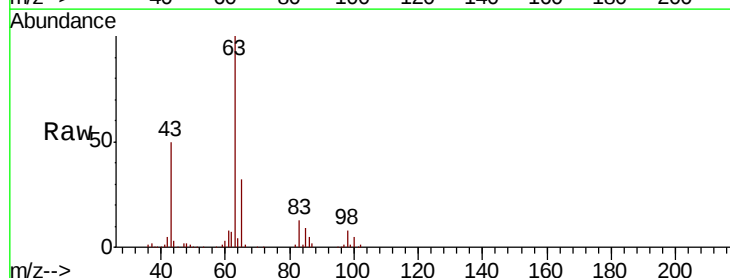
Tgt Ion: 63 Resp: 242546

Ion Ratio Lower Upper

63 100

98 7.6 4.0 11.9

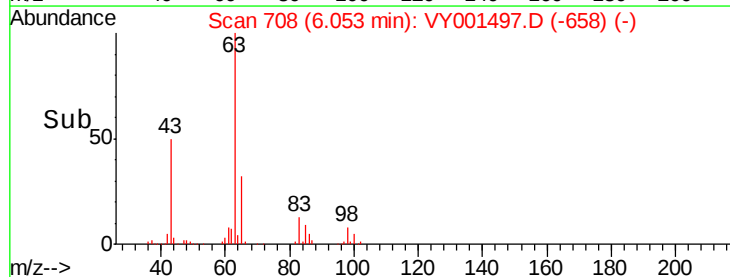
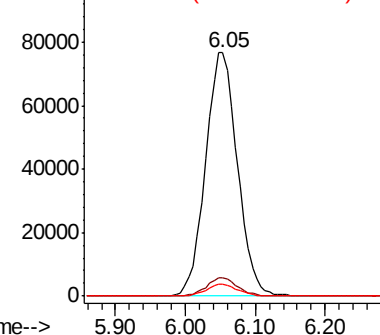
100 4.8 2.6 8.0

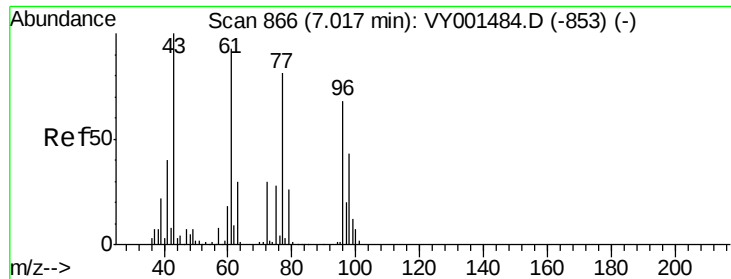


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

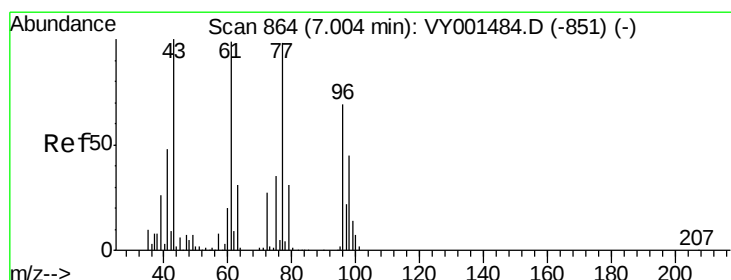
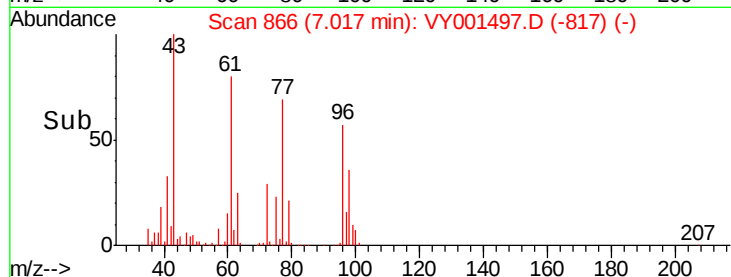
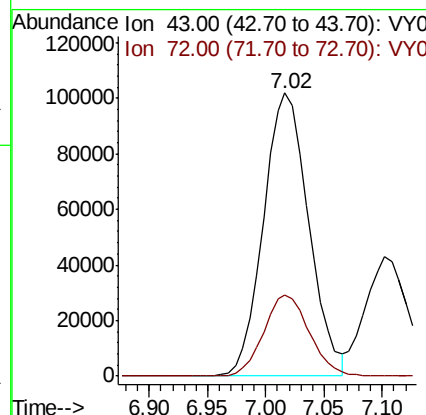
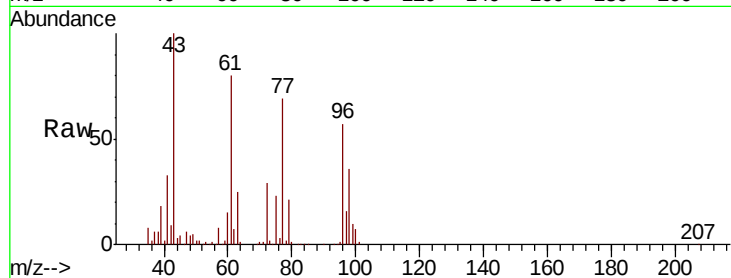




#25
2-Butanone
Concen: 310.192 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

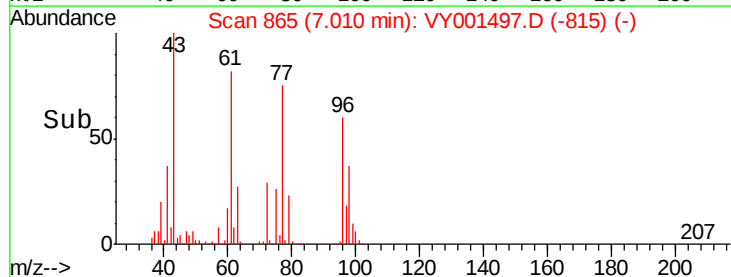
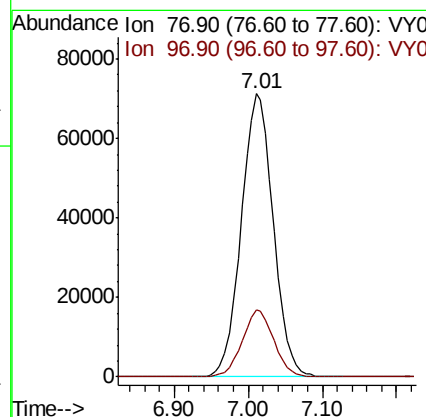
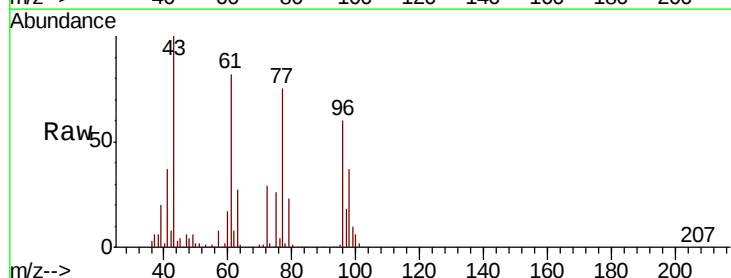
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

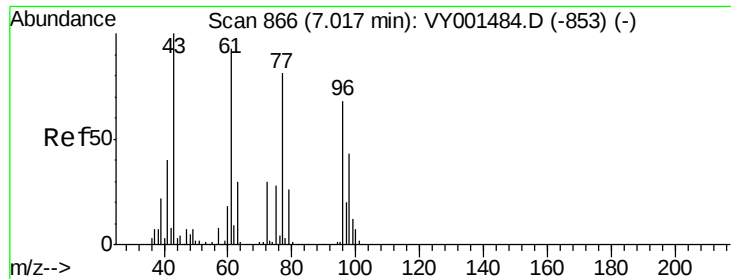
Tot Ion: 43 Resp: 273622
Ion Ratio Lower Upper
43 100
72 28.6 23.8 35.8



#26
2,2-Dichloropropane
Concen: 50.014 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 77 Resp: 214184
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0

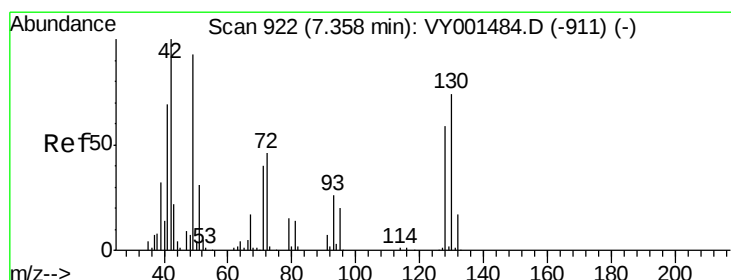
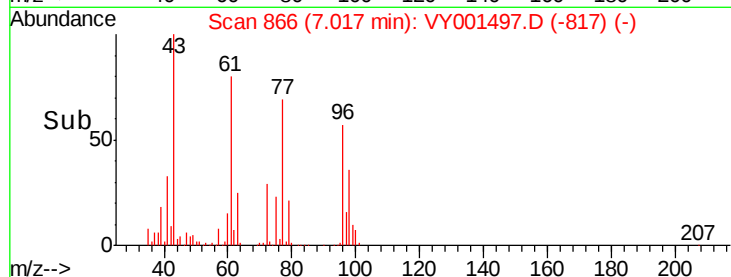
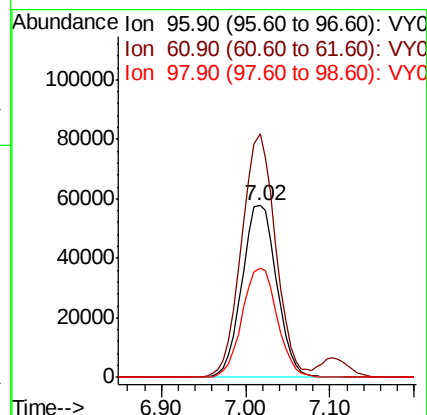
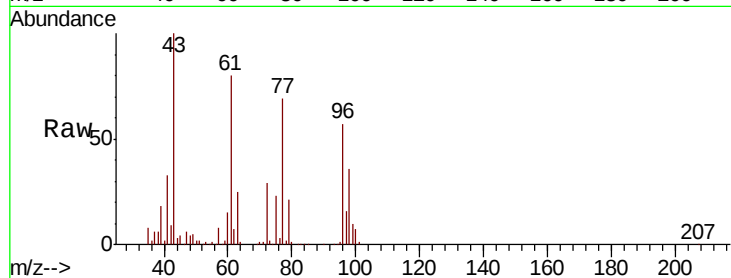




#27
 cis-1,2-Dichloroethene
 Concen: 54.134 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

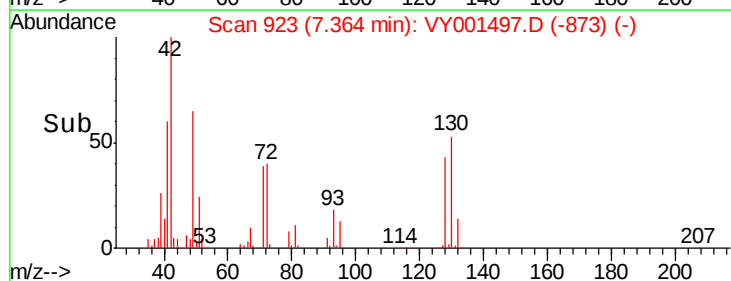
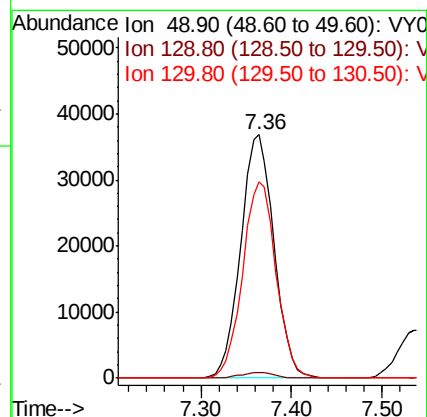
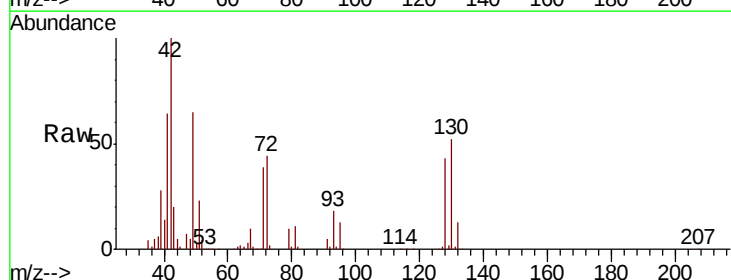
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

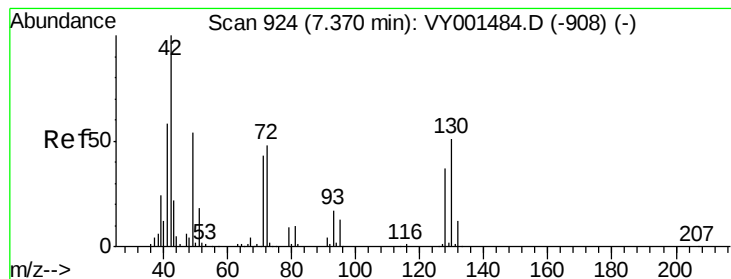
Tot Ion: 96 Resp: 161336
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 278.8
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 61.428 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 49 Resp: 93637
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 80.7 65.4 98.2





#29

Tetrahydrofuran

Concen: 316.740 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

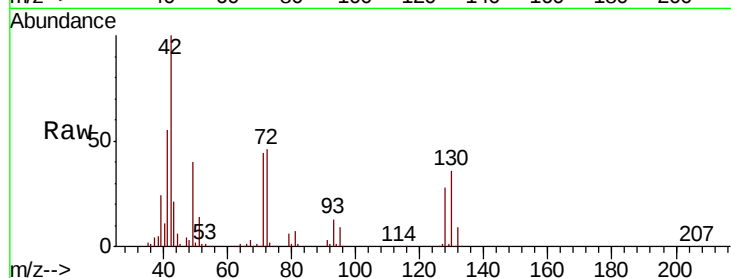
Tot Ion: 42 Resp: 167463

Ion Ratio Lower Upper

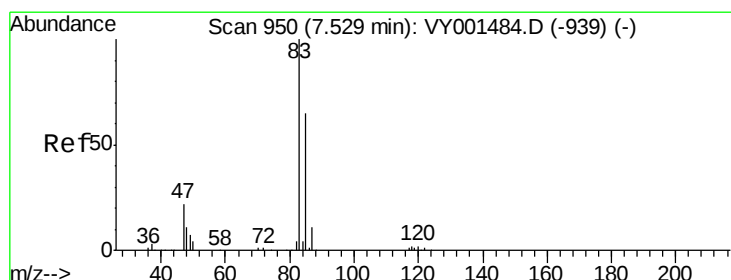
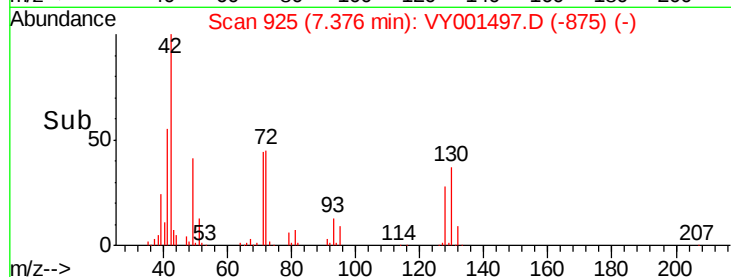
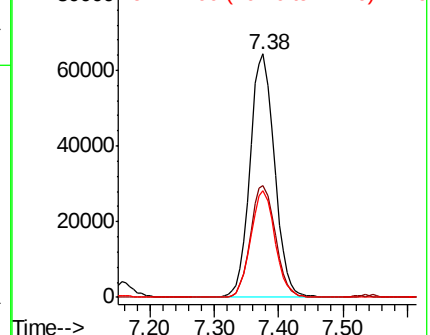
42 100

72 46.6 37.8 56.6

71 43.4 34.8 52.2



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: 54.894 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY001497.D

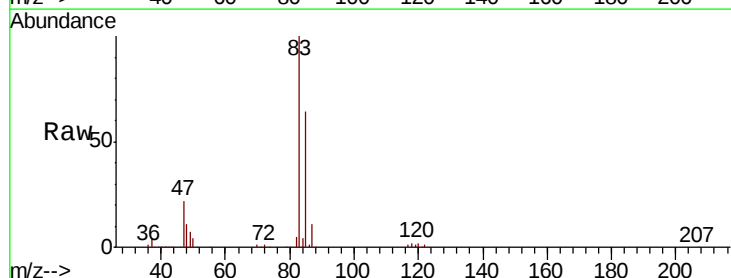
Acq: 04 Feb 2020 19:12

Tgt Ion: 83 Resp: 248803

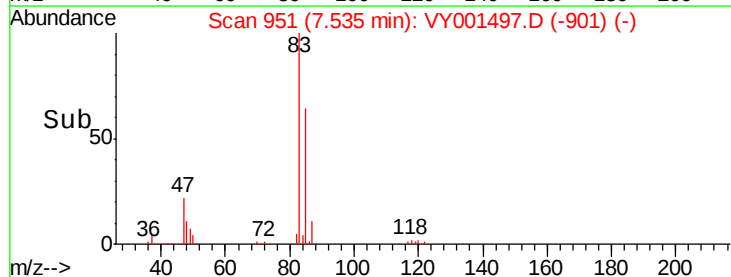
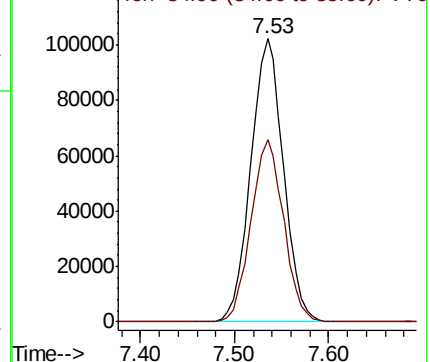
Ion Ratio Lower Upper

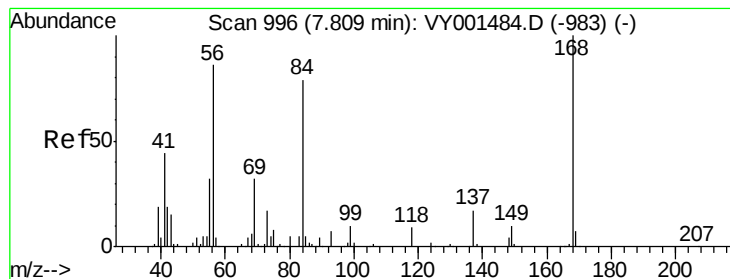
83 100

85 64.3 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: 50.723 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

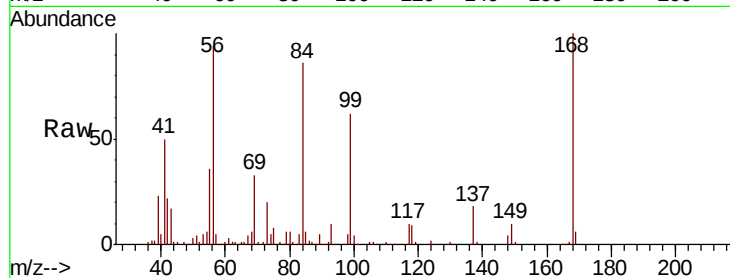
Tot Ion: 56 Resp: 232165

Ion Ratio Lower Upper

56 100

69 35.5 29.6 44.4

84 90.3 73.6 110.4

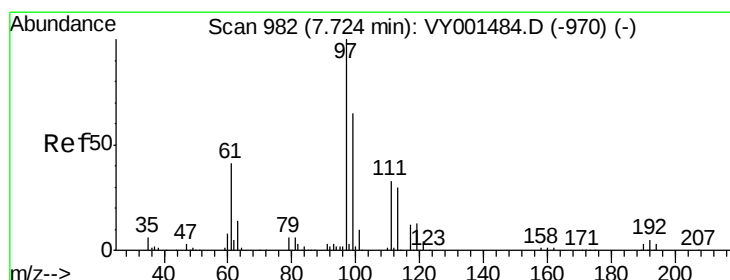
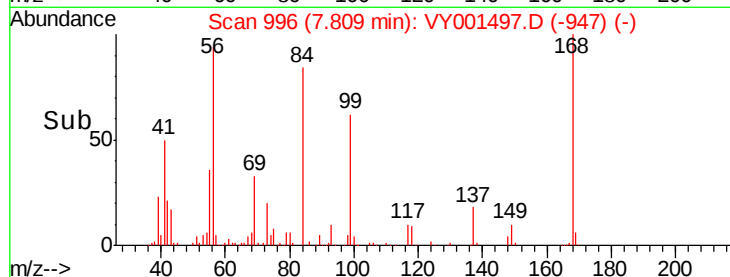
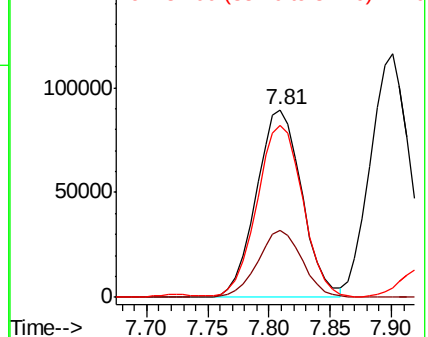


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 53.568 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

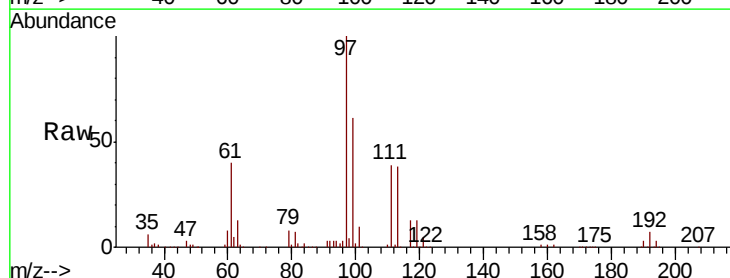
Tgt Ion: 97 Resp: 220129

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.8

61 41.5 32.5 48.7

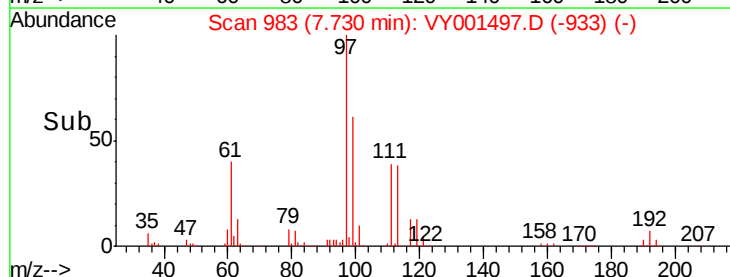
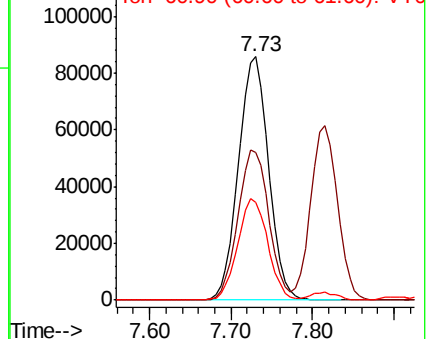


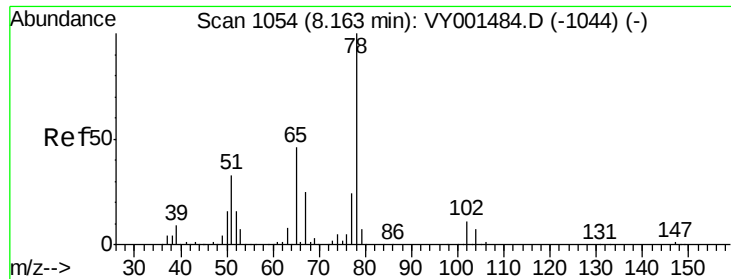
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

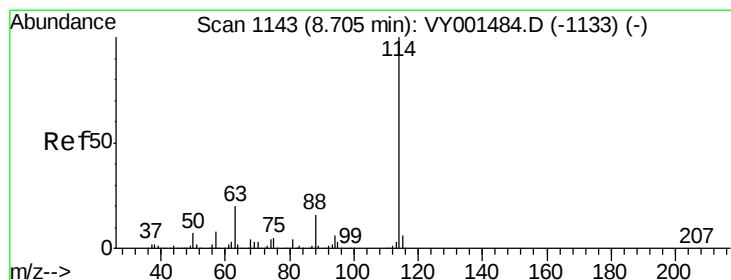
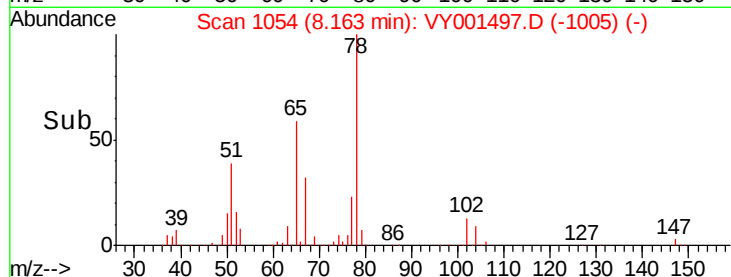
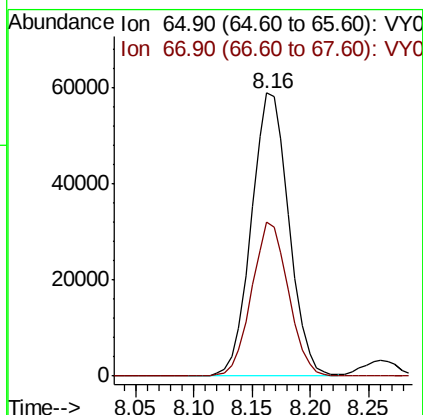
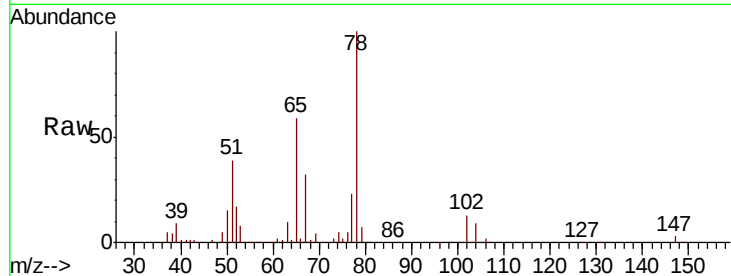




#33
 1,2-Dichloroethane-d4
 Concen: 56.097 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

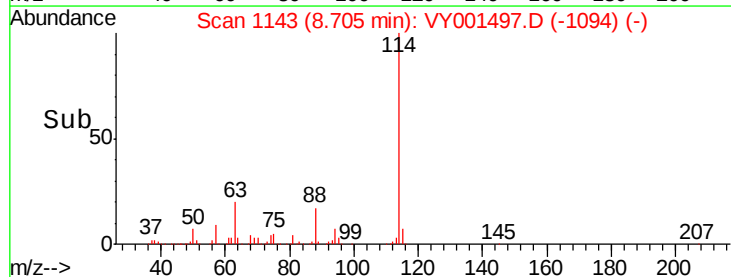
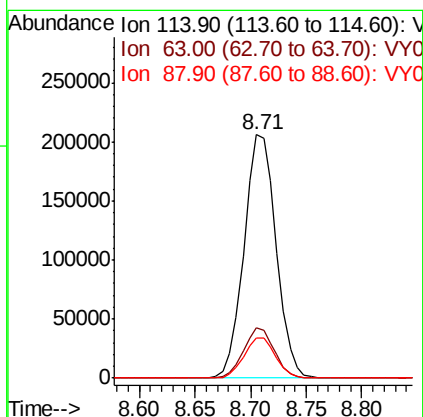
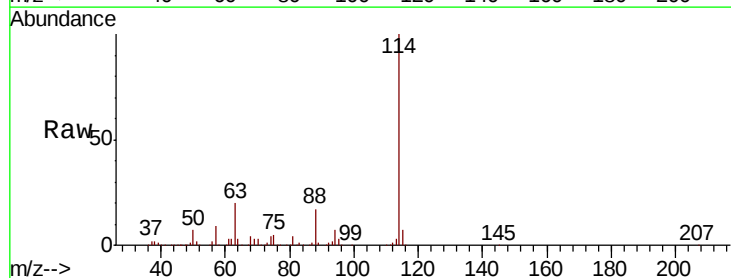
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

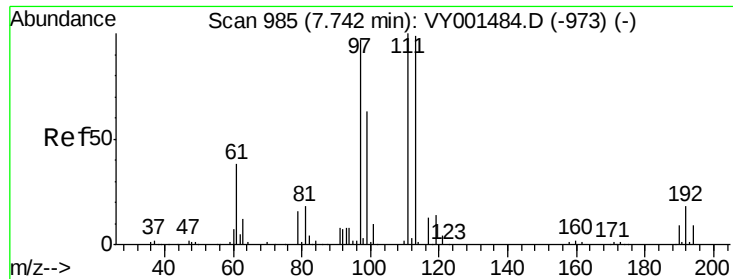
Tot Ion: 65 Resp: 131860
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 114 Resp: 412177
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 16.7 0.0 32.6

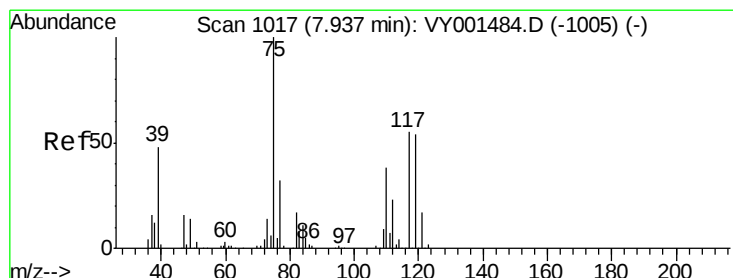
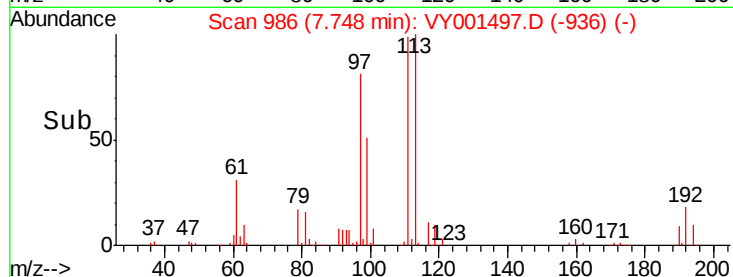
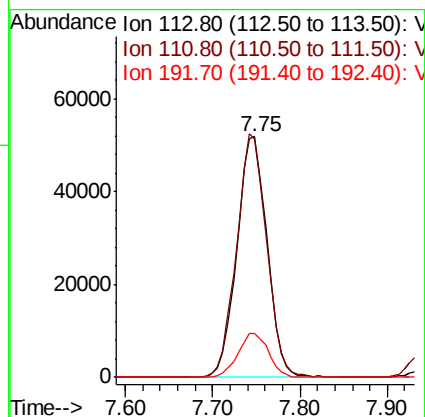
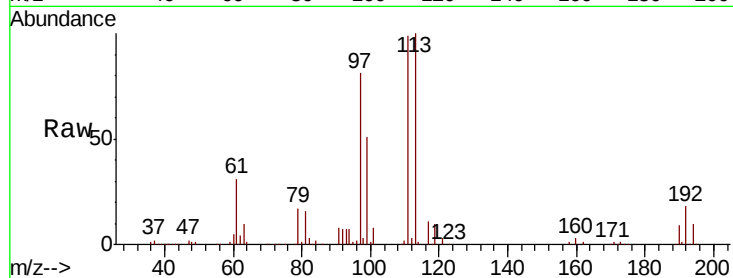




#35
 Dibromofluoromethane
 Concen: 52.336 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

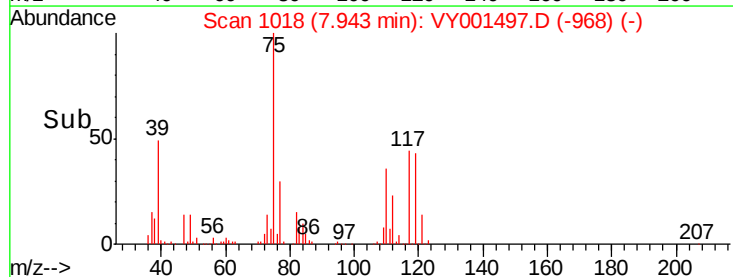
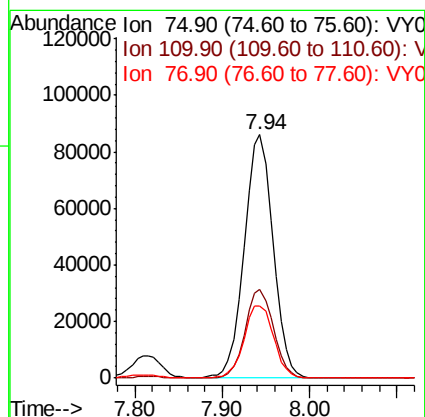
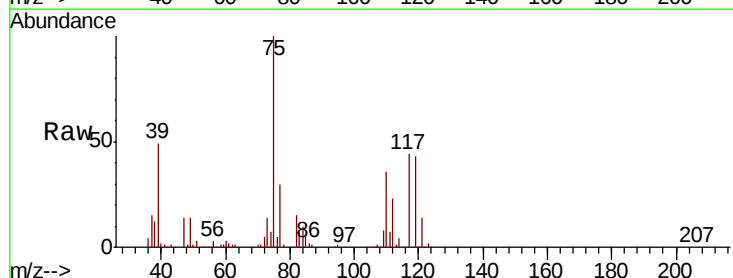
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 124393
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.9 124.3
 192 18.4 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 52.345 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 75 Resp: 197374
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.2 54.6
 77 30.9 25.0 37.4

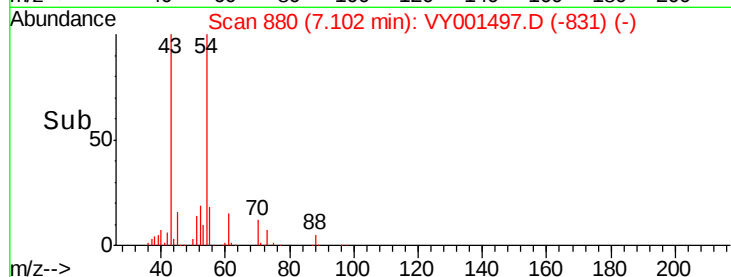
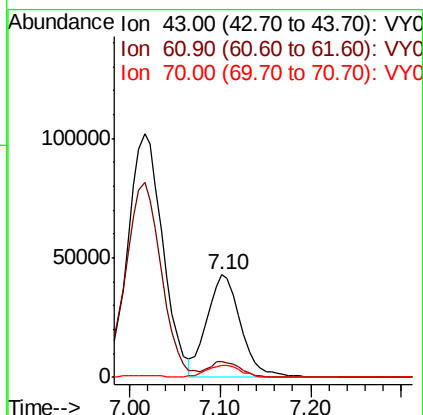
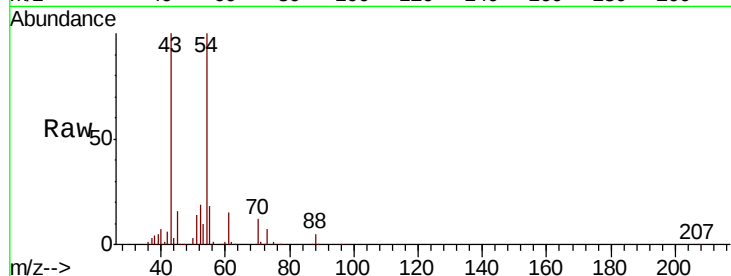




#37
Ethyl Acetate
Concen: 61.445 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

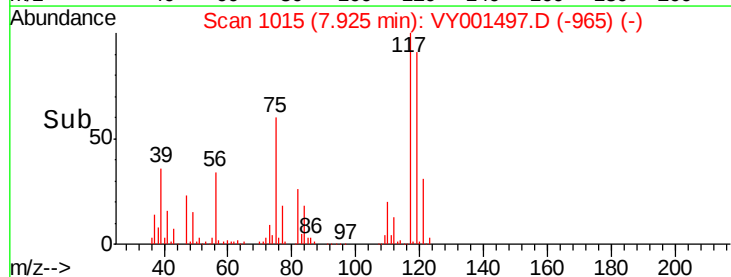
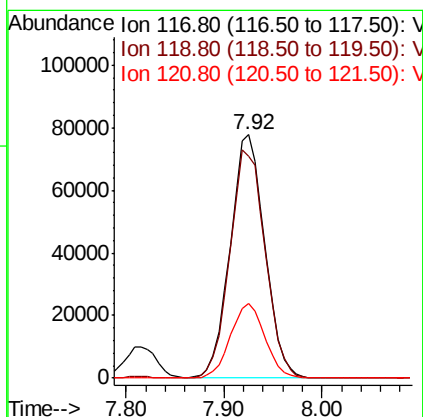
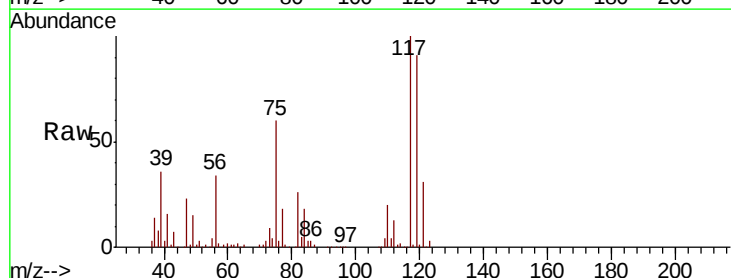
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

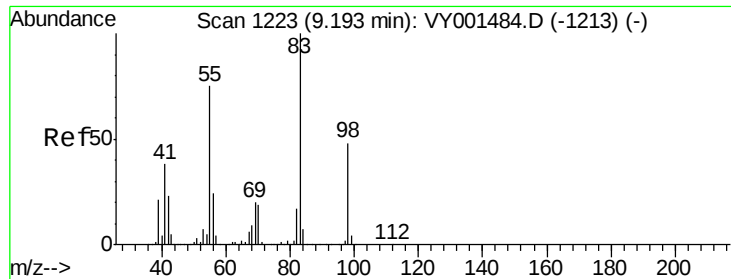
Tot Ion: 43 Resp: 112158
Ion Ratio Lower Upper
43 100
61 14.1 12.0 18.0
70 12.1 10.2 15.4



#38
Carbon Tetrachloride
Concen: 52.246 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 117 Resp: 190599
Ion Ratio Lower Upper
117 100
119 91.2 76.4 114.6
121 30.8 24.2 36.4

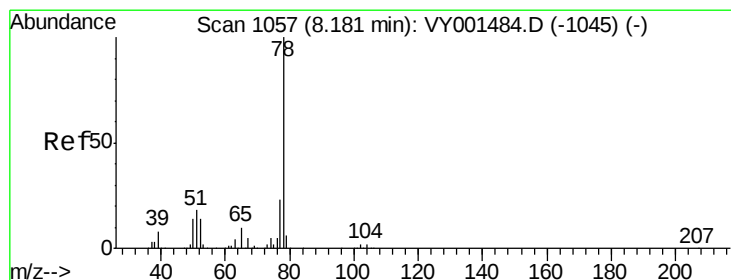
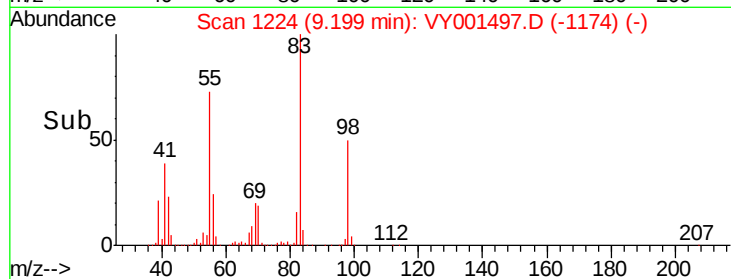
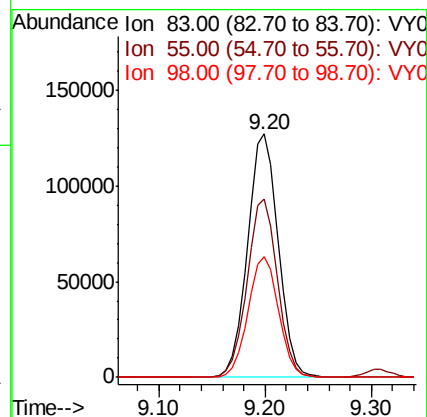
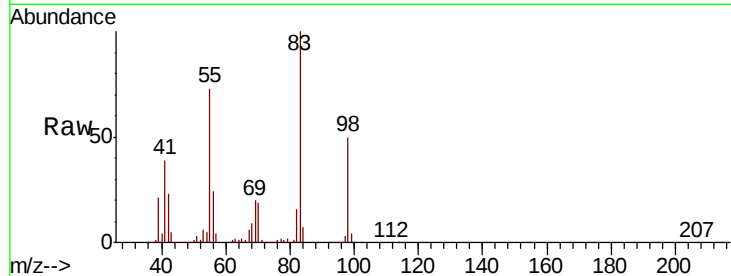




#39
Methvlcvclohexane
Concen: 51.884 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

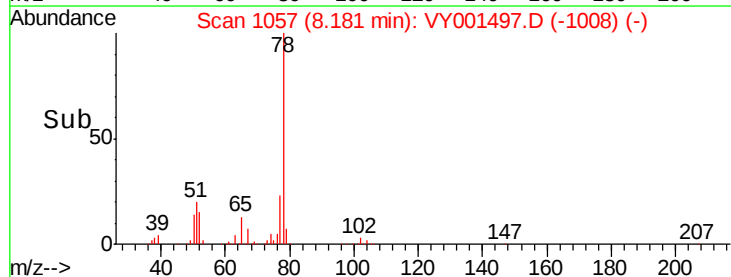
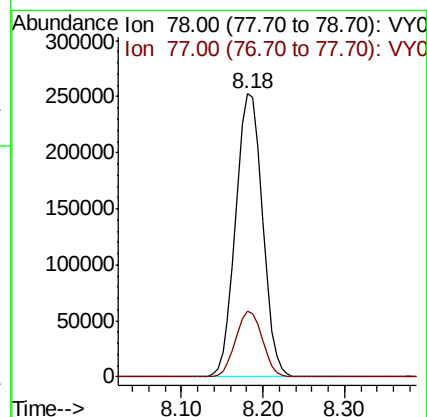
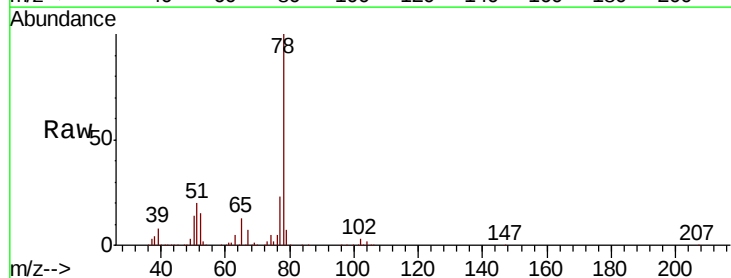
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

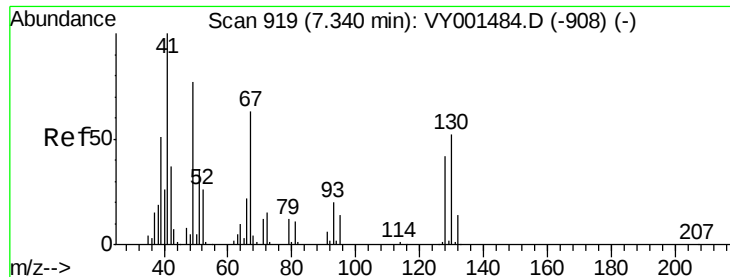
Tot Ion: 83 Resp: 257599
Ion Ratio Lower Upper
83 100
55 73.0 59.8 89.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 53.325 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 78 Resp: 573510
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

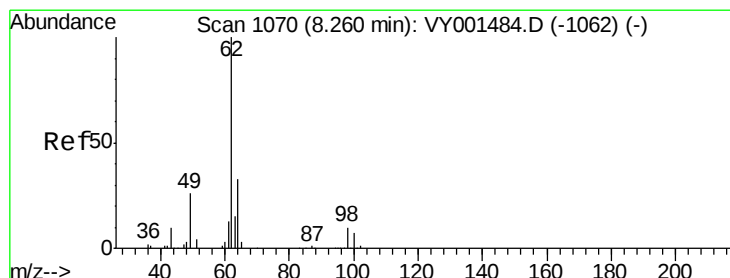
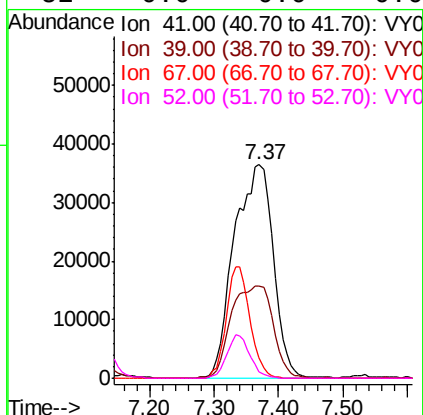
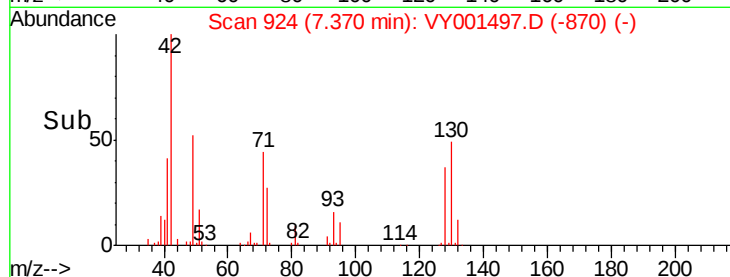
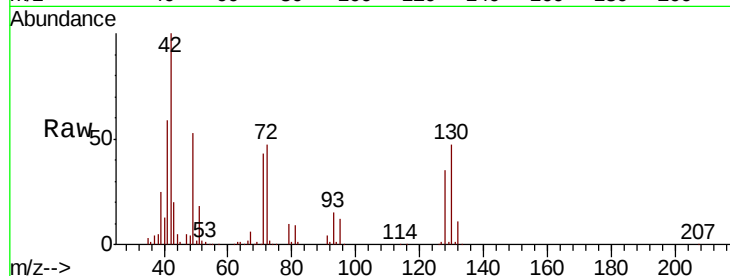




#41
Methacrylonitrile
Concen: 180.600 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

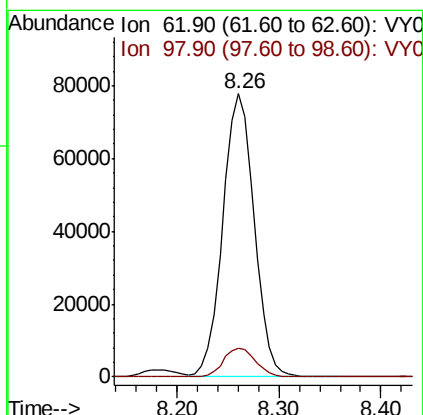
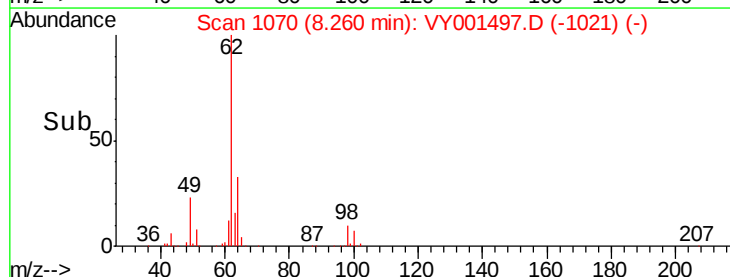
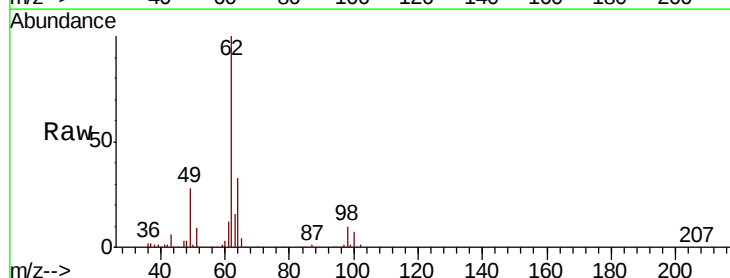
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

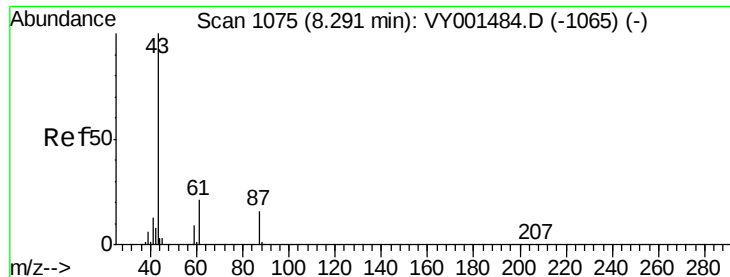
Tot Ion: 41 Resp: 152786
Ion Ratio Lower Upper
41 100
39 46.4 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.367 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 62 Resp: 165900
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0





#43

Isopropyl Acetate

Concen: 60.513 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

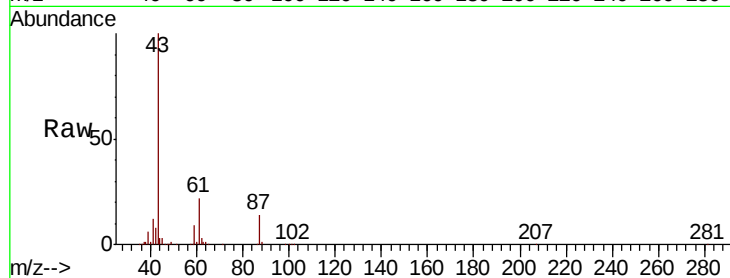
Tot Ion: 43 Resp: 218700

Ion Ratio Lower Upper

43 100

61 30.2 25.1 37.7

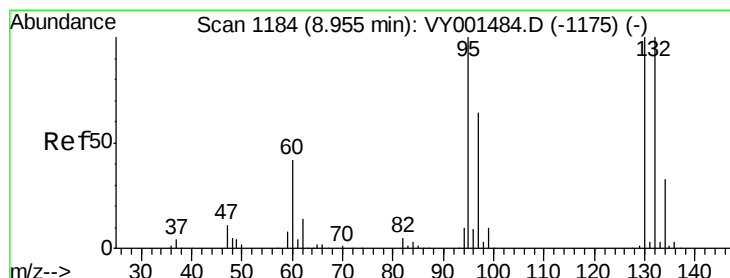
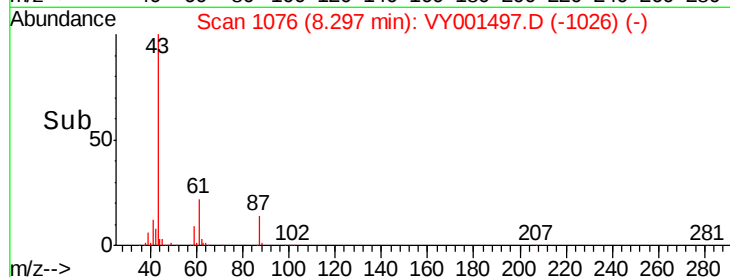
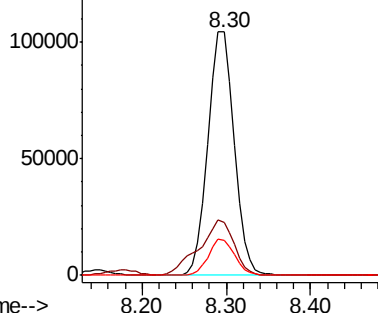
87 14.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001497.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001497.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001497.D (-1076) (-)



#44

Trichloroethene

Concen: 52.456 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001497.D

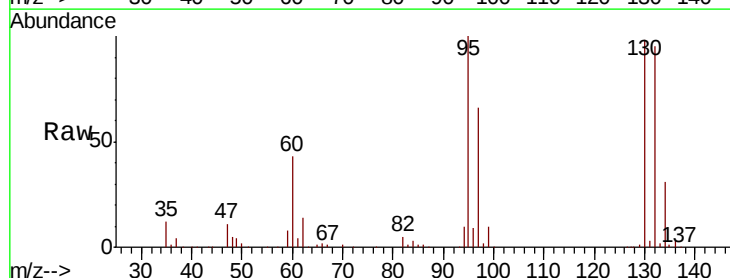
Acq: 04 Feb 2020 19:12

Tgt Ion: 130 Resp: 152070

Ion Ratio Lower Upper

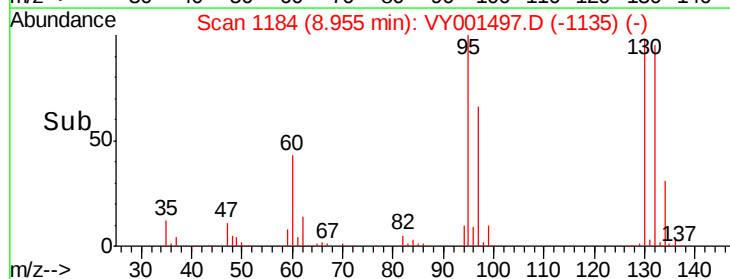
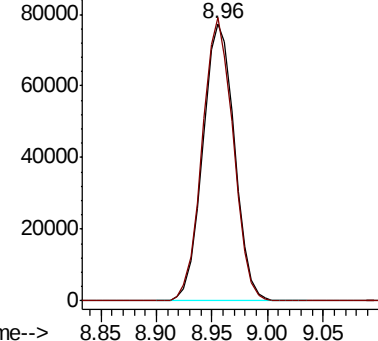
130 100

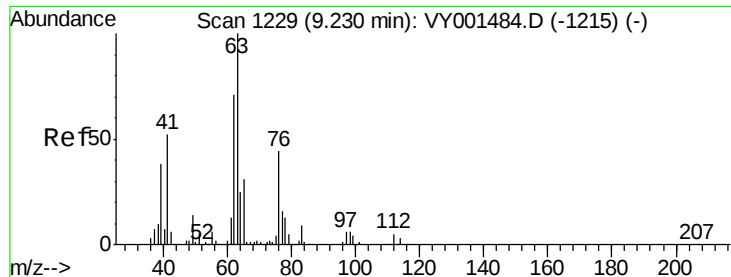
95 102.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001497.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001497.D (-1184) (-)





#45

1,2-Dichloropropane

Concen: 54.291 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

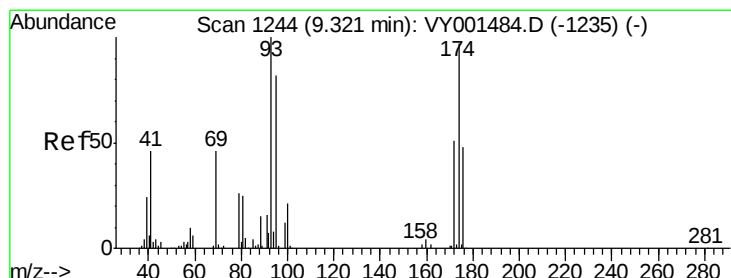
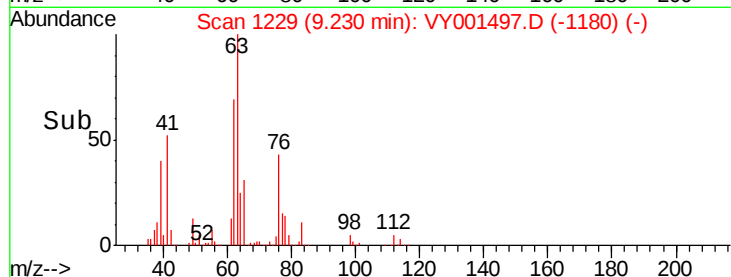
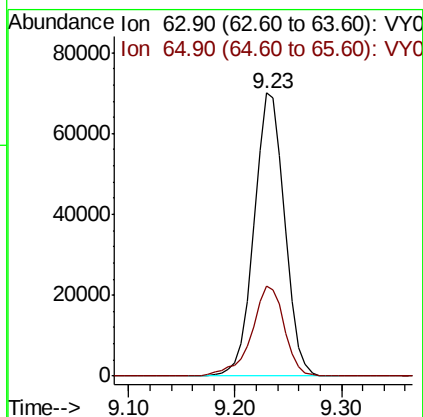
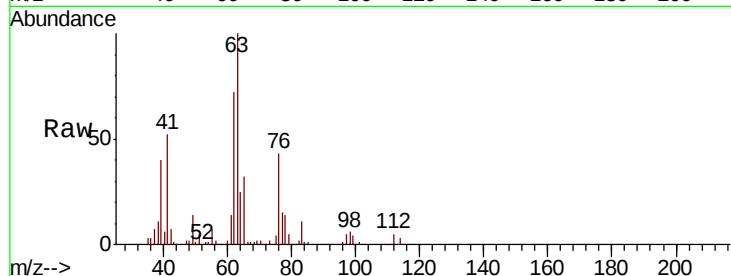
VSTDCCC050EC

Tot Ion: 63 Resp: 140999

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 55.787 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

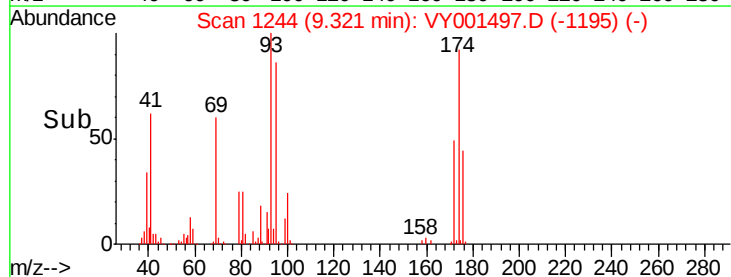
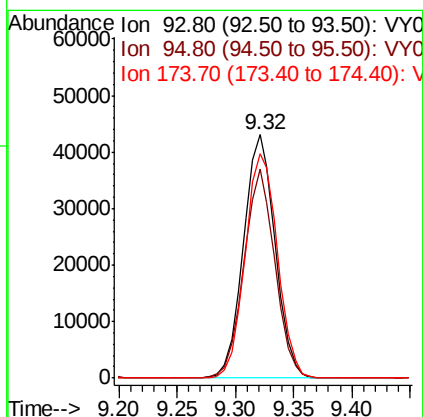
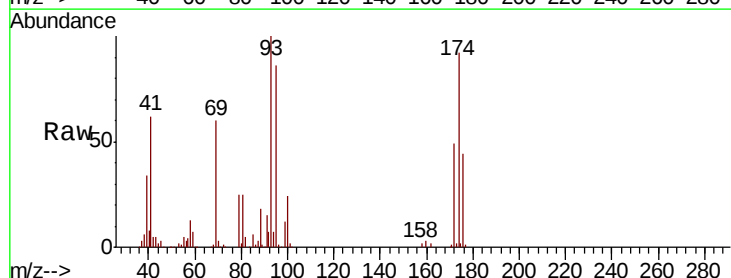
Tgt Ion: 93 Resp: 81356

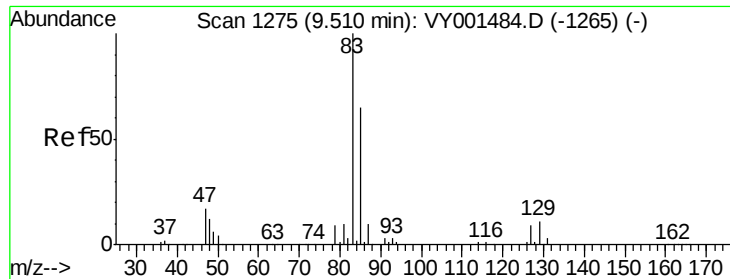
Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 94.3 75.4 113.2





#47

Bromodichloromethane

Concen: 55.102 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

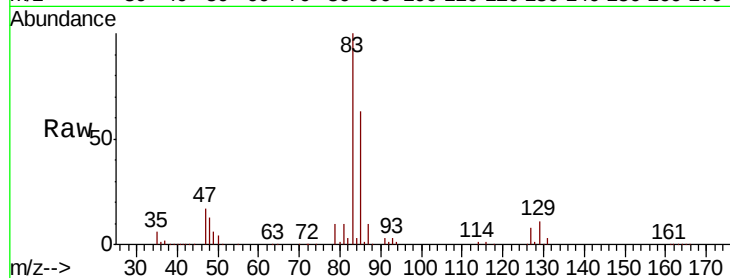
Tot Ion: 83 Resp: 195792

Ion Ratio Lower Upper

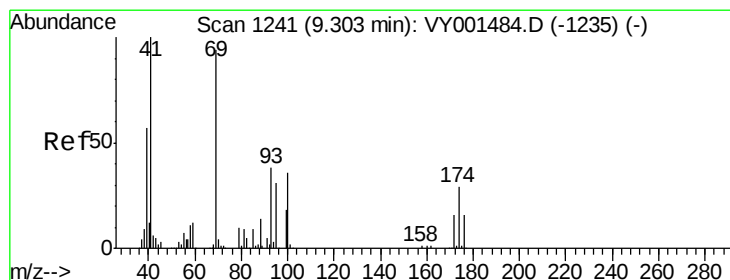
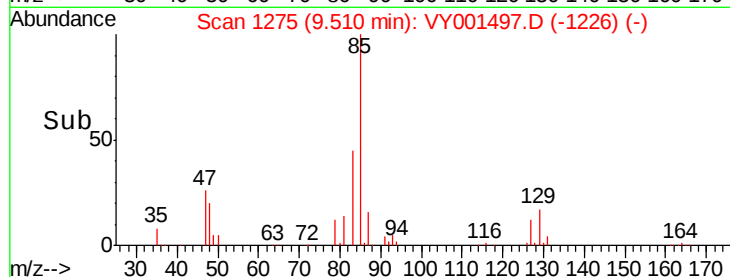
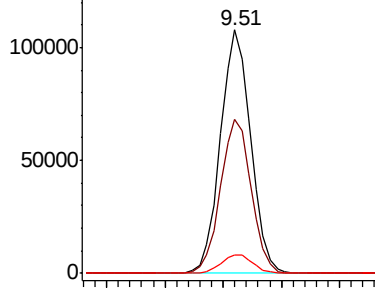
83 100

85 63.0 51.9 77.9

127 7.5 6.9 10.3



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): V



#48

Methyl methacrylate

Concen: 59.412 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

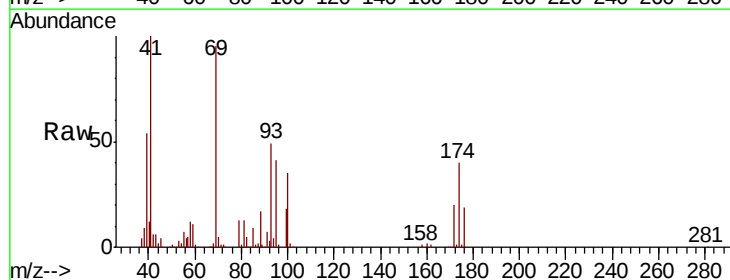
Tgt Ion: 41 Resp: 97455

Ion Ratio Lower Upper

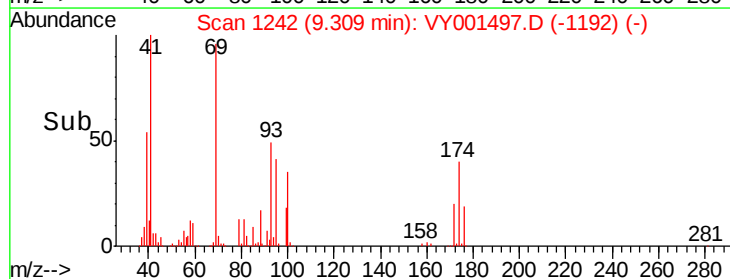
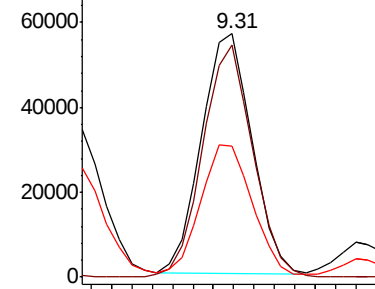
41 100

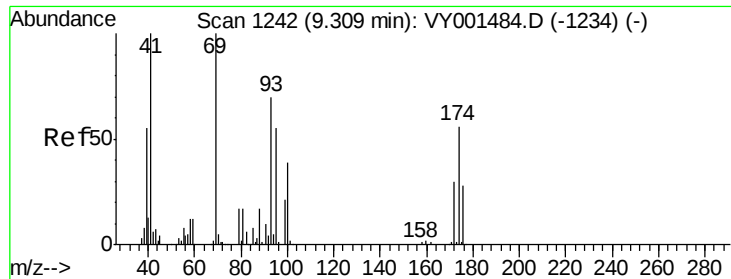
69 96.0 76.6 114.8

39 57.3 45.4 68.0



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

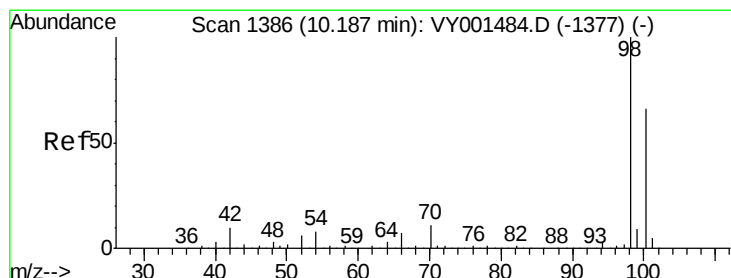
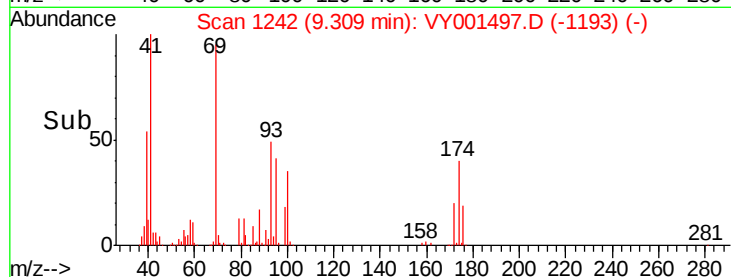
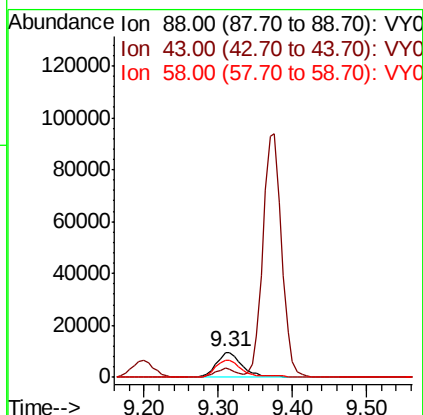
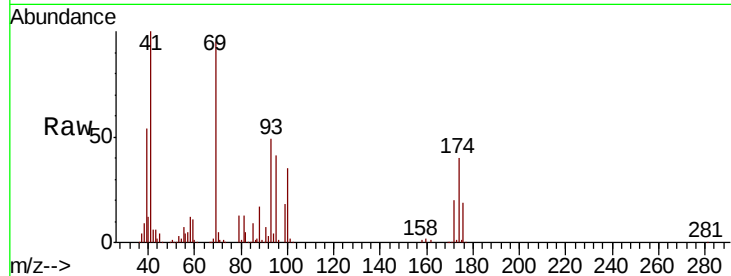




#49
1,4-Dioxane
Concen: 1251.748 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

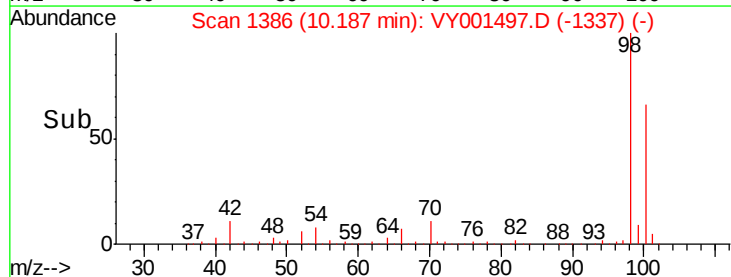
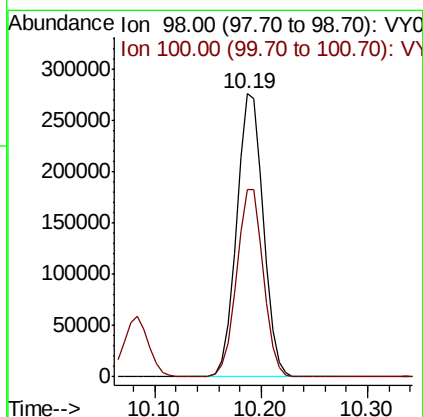
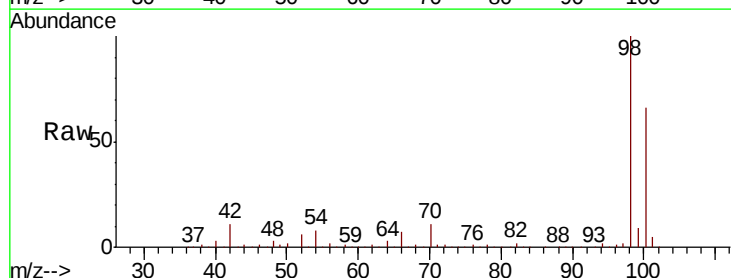
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

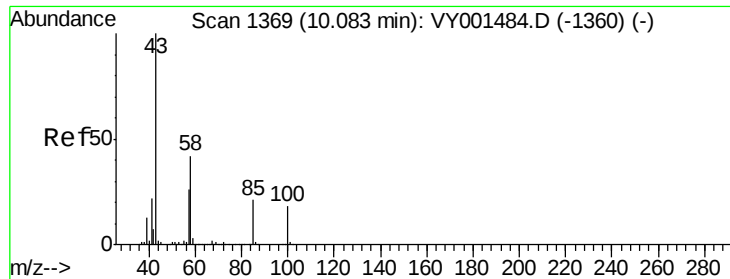
Tot Ion: 88 Resp: 24108
Ion Ratio Lower Upper
88 100
43 27.9 24.8 37.2
58 70.6 59.3 88.9



#50
Toluene-d8
Concen: 53.954 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 98 Resp: 485182
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 309.268 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

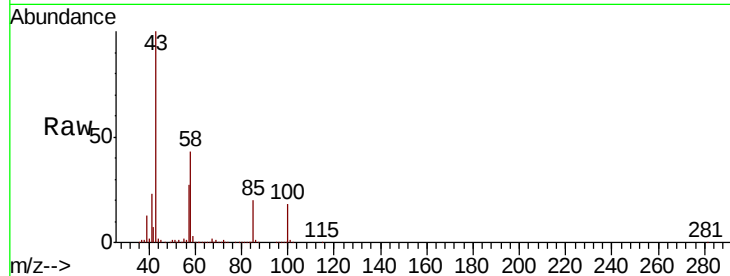
VSTDCCC050EC

Tot Ion: 43 Resp: 550448

Ion Ratio Lower Upper

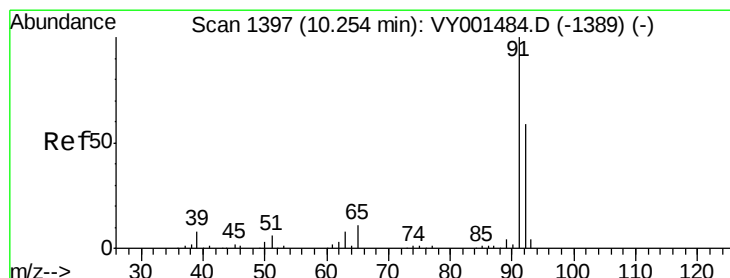
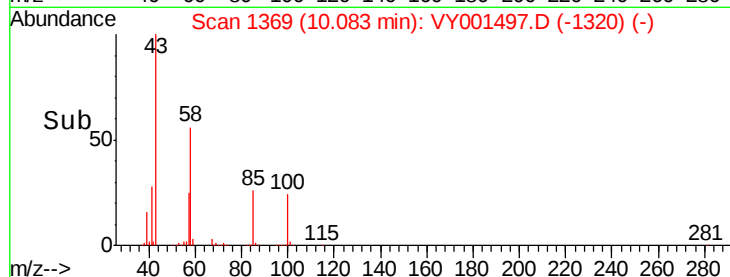
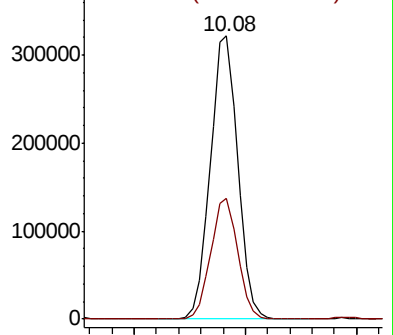
43 100

58 42.0 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.583 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001497.D

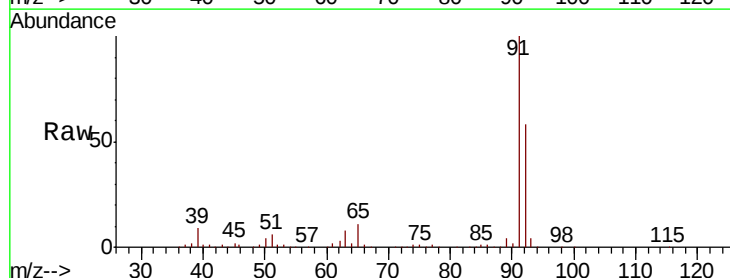
Acq: 04 Feb 2020 19:12

Tgt Ion: 92 Resp: 358832

Ion Ratio Lower Upper

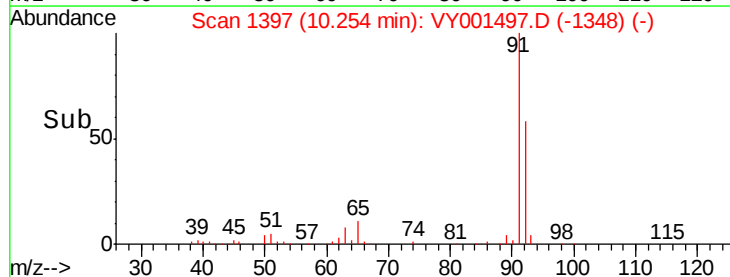
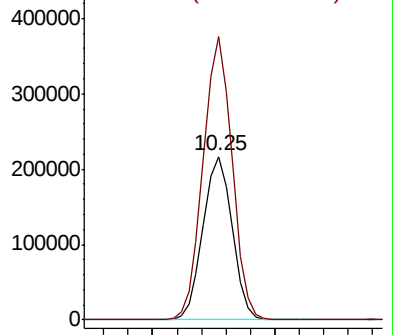
92 100

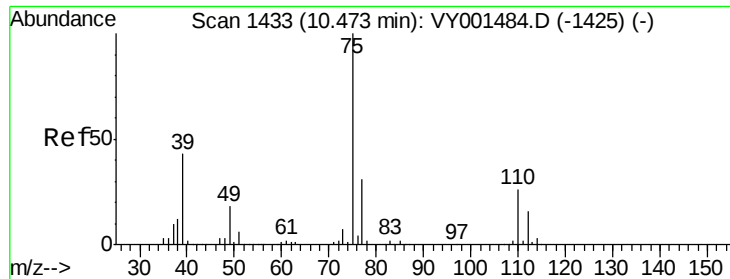
91 171.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 55.339 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

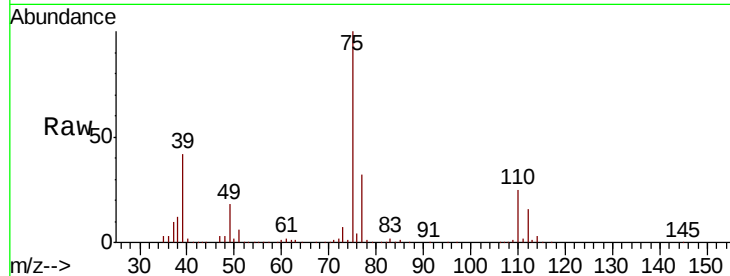
VSTDCCC050EC

Tot Ion: 75 Resp: 214172

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

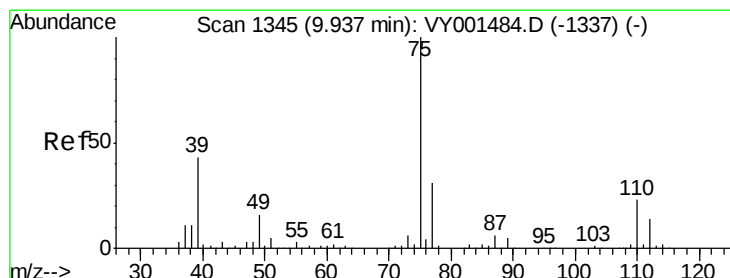
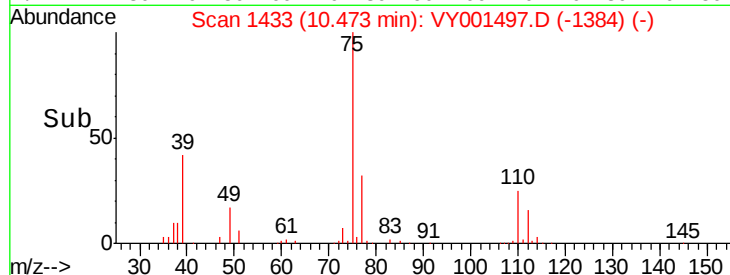
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.464 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

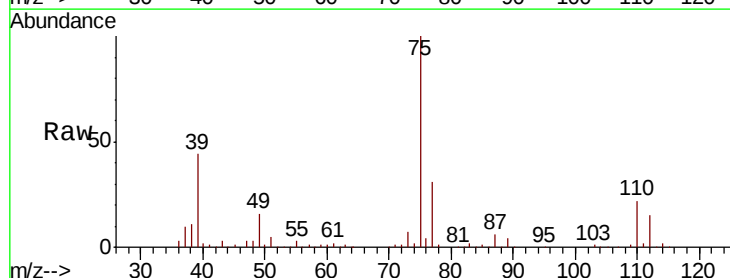
Tgt Ion: 75 Resp: 241989

Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

39 44.2 34.0 51.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

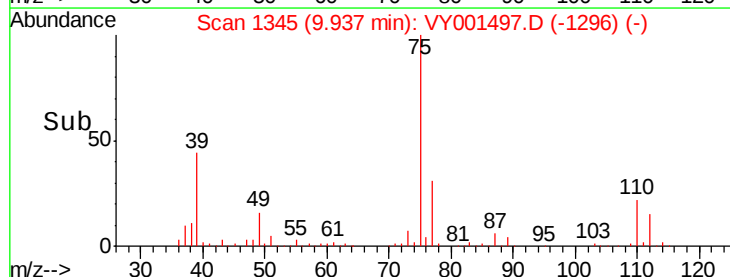
150000

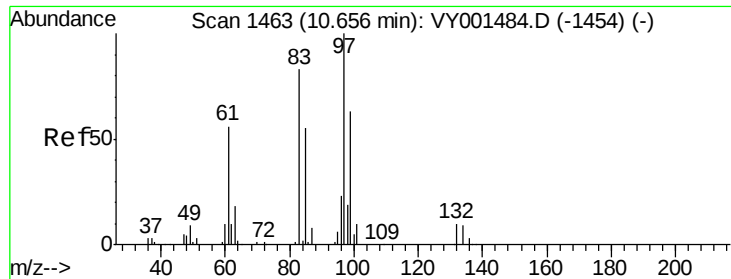
100000

50000

0

Time-->



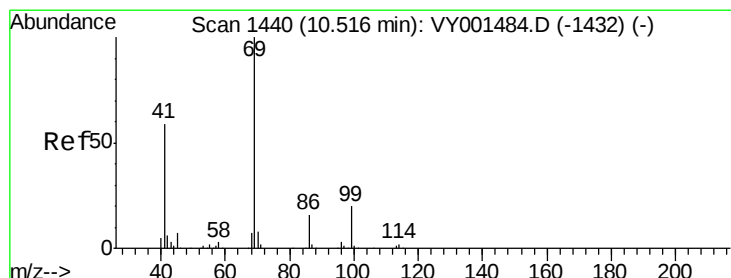
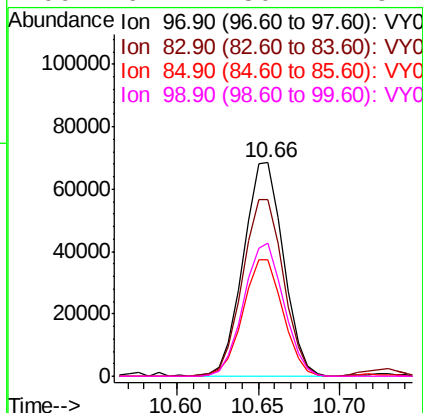
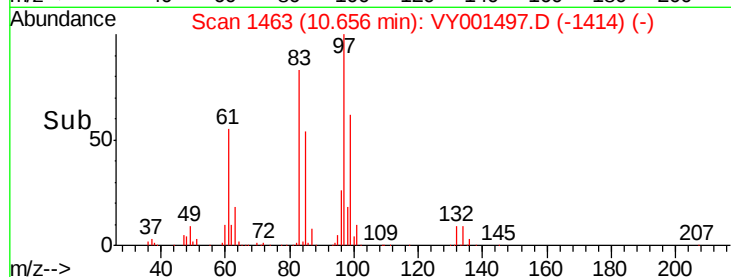
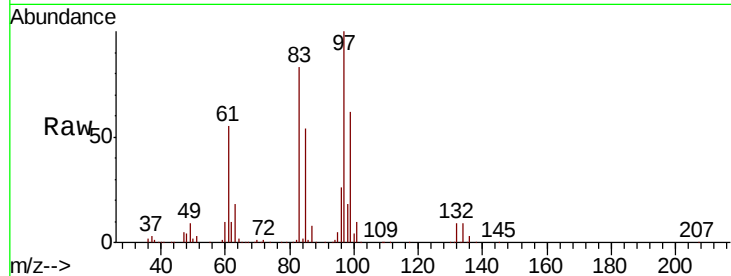


#55
 1,1,2-Trichloroethane
 Concen: 56.391 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 117990

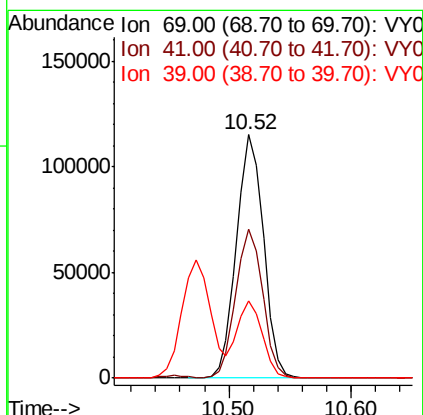
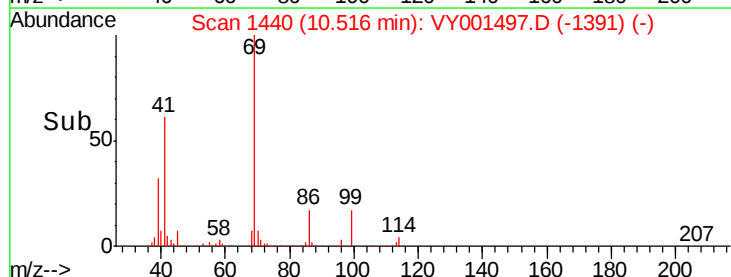
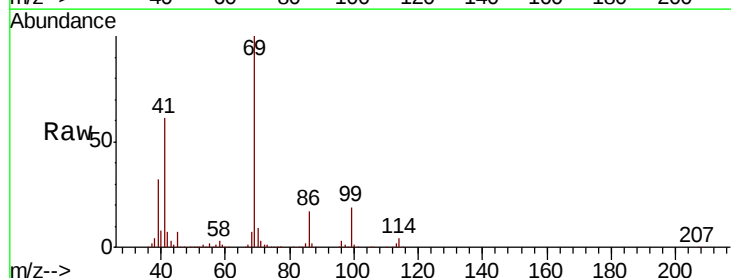
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.2	99.2
85	54.3	43.8	65.6
99	62.4	50.1	75.1

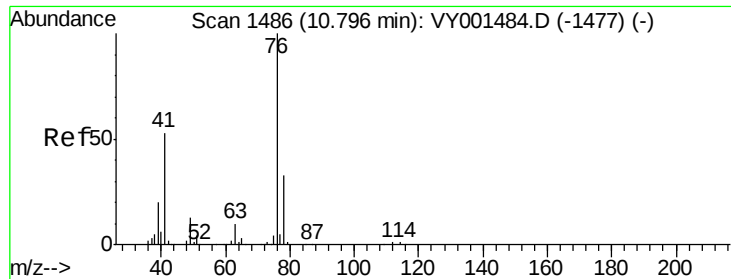


#56
 Ethyl methacrylate
 Concen: 59.334 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 69 Resp: 176579

Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.8	71.8
39	29.7	24.4	36.6

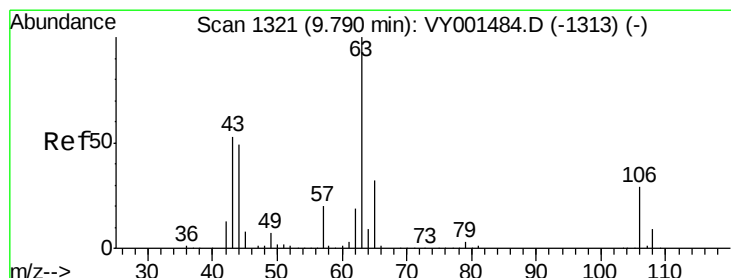
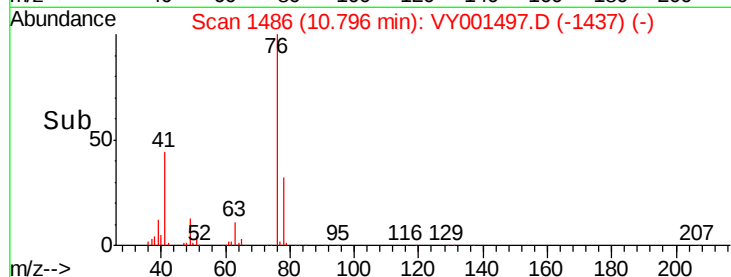
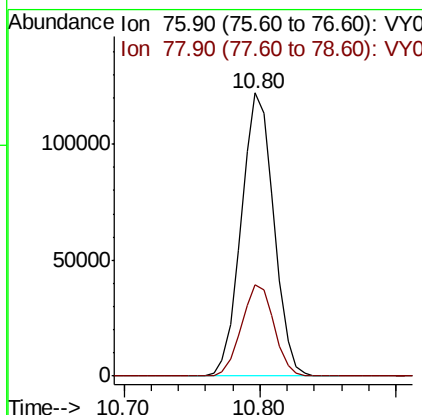
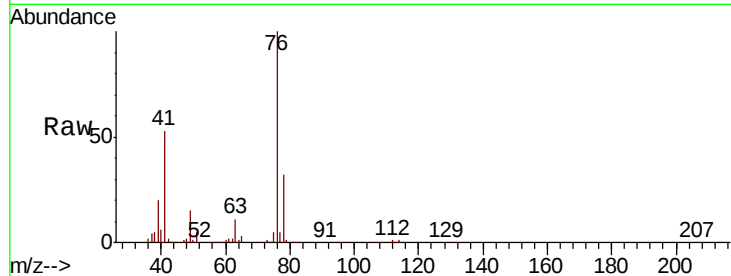




#57
 1,3-Dichloropropane
 Concen: 55.258 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

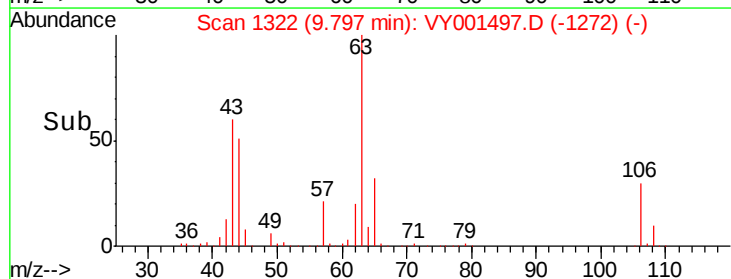
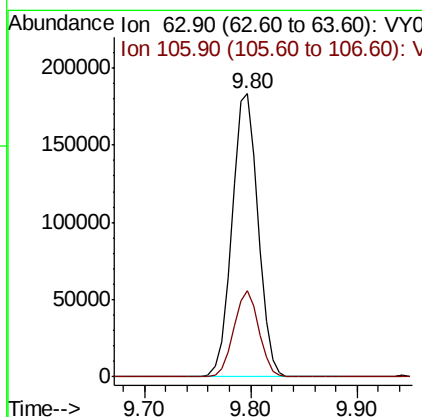
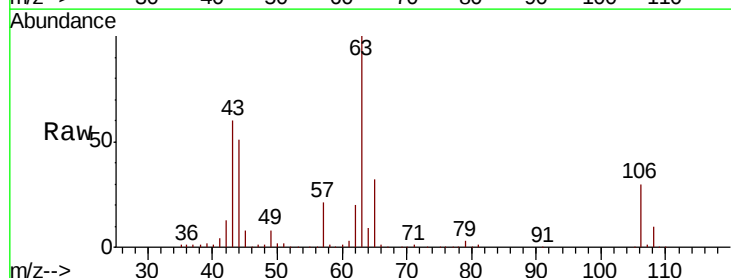
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

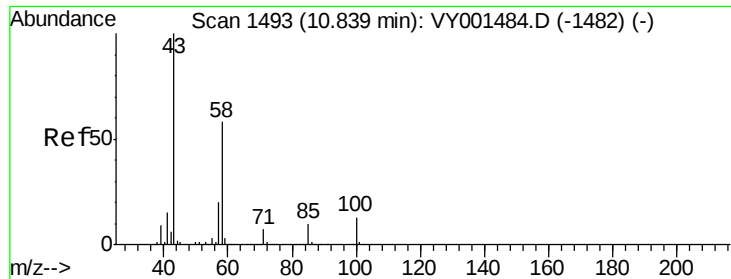
Tot Ion: 76 Resp: 203808
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.744 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 63 Resp: 313926
 Ion Ratio Lower Upper
 63 100
 106 29.5 24.0 36.0

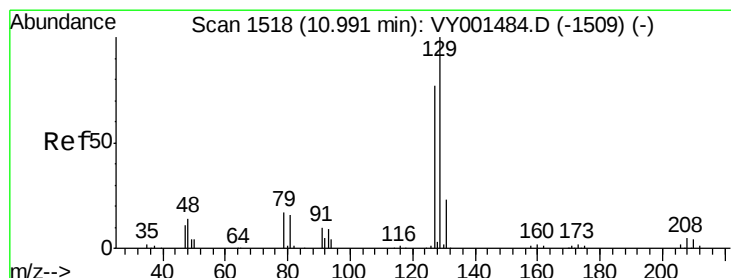
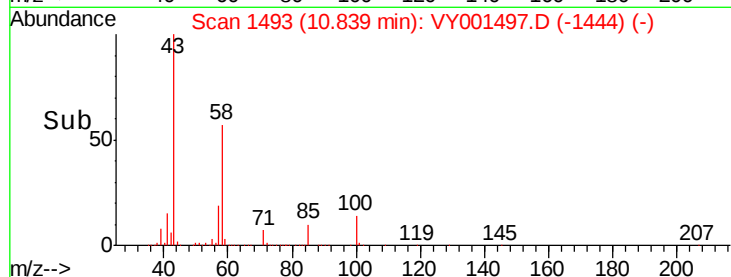
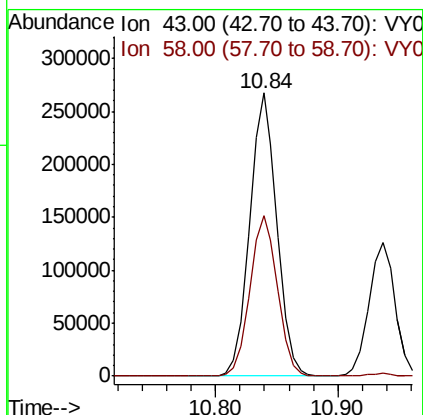
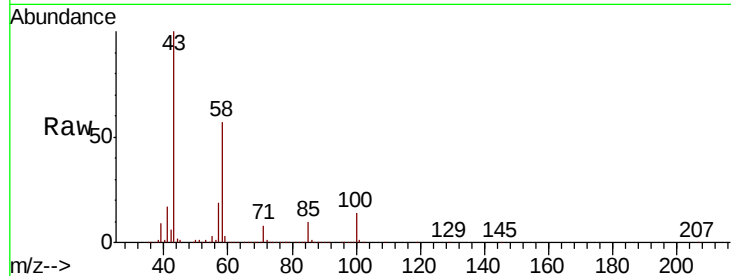




#59
2-Hexanone
Concen: 318.471 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

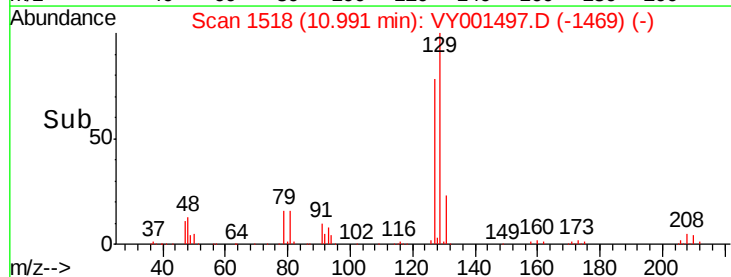
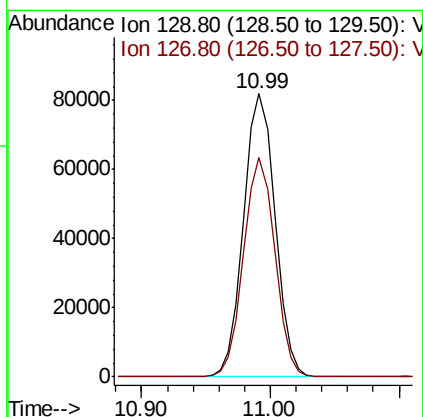
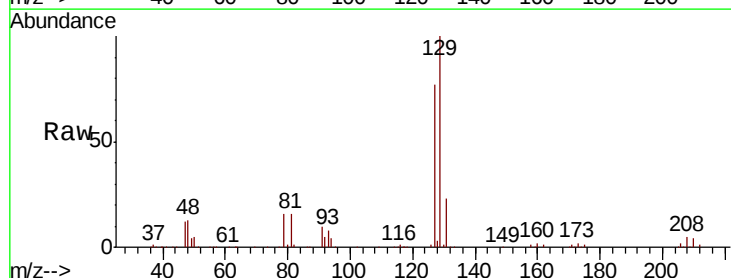
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

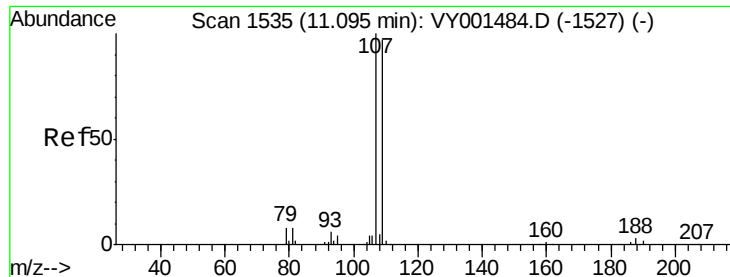
Tot Ion: 43 Resp: 412134
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.0



#60
Dibromochloromethane
Concen: 56.271 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 129 Resp: 138783
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

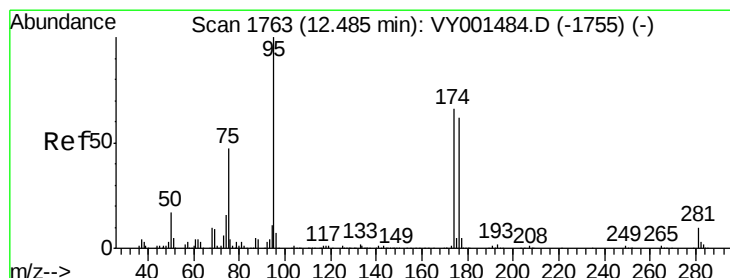
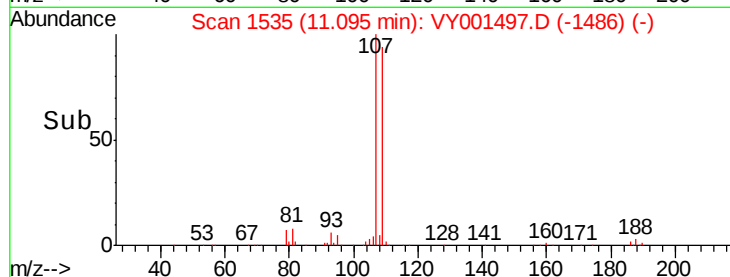
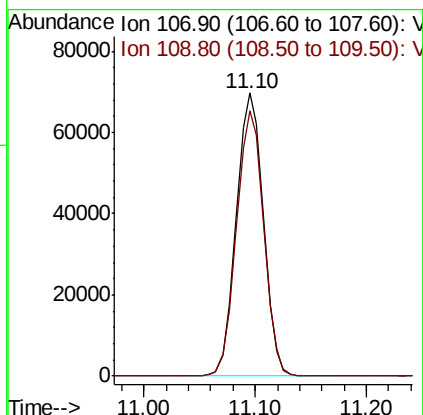
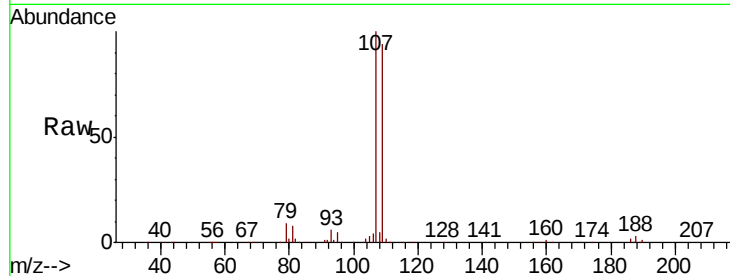




#61
 1,2-Dibromoethane
 Concen: 56.798 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

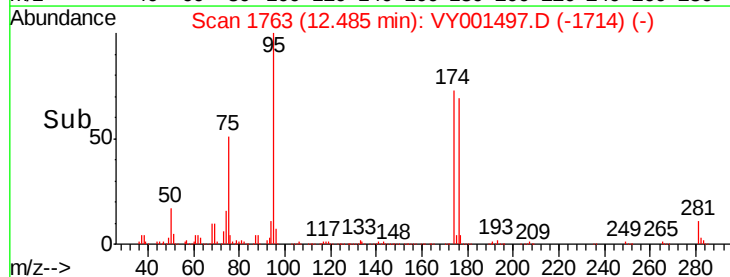
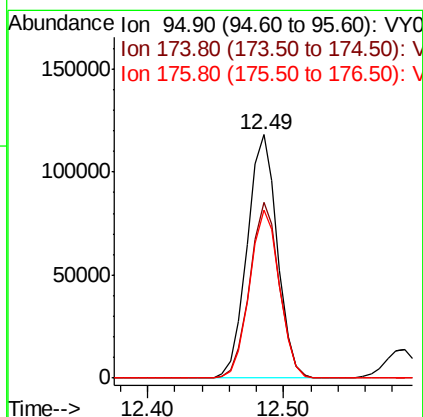
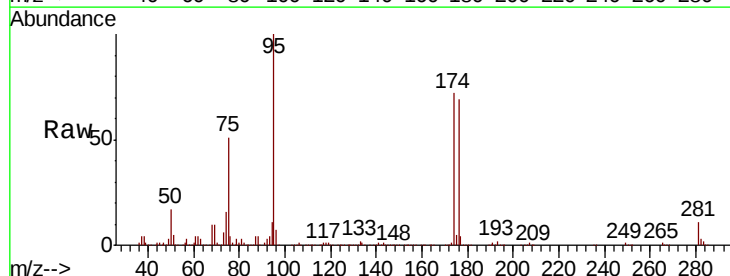
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

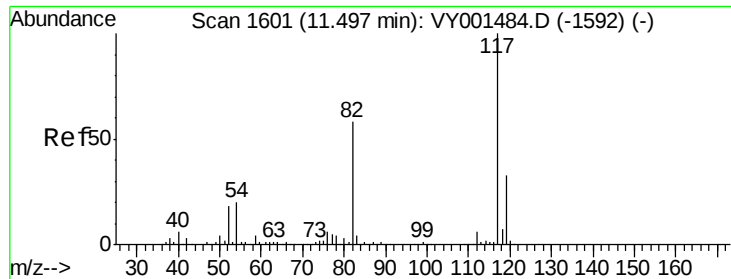
Tot Ion:107 Resp: 117051
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 51.643 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 95 Resp: 182947
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 141.4
 176 69.1 0.0 135.4

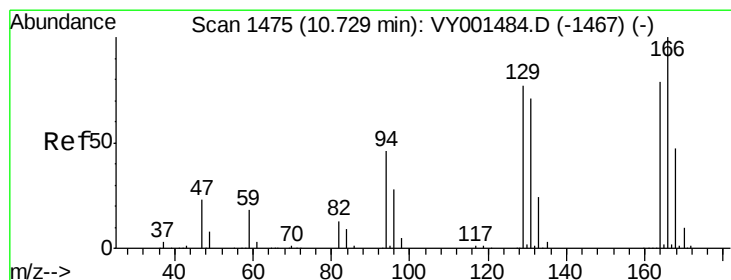
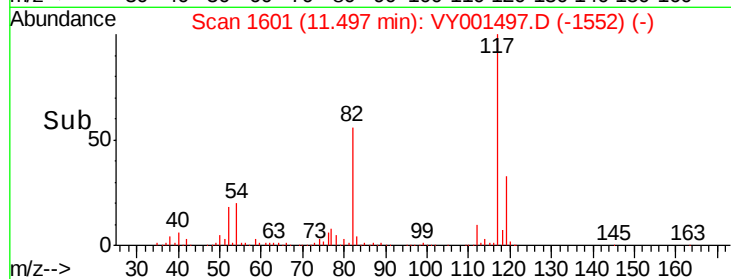
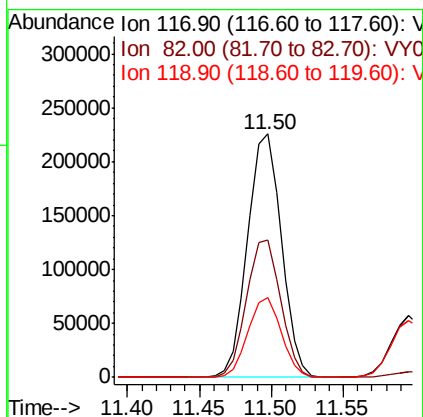
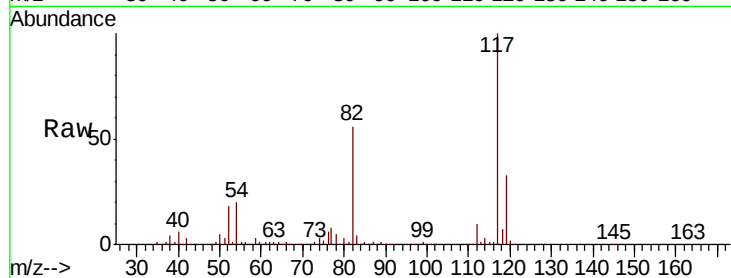




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

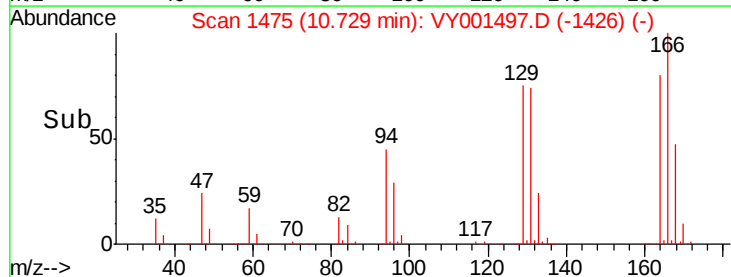
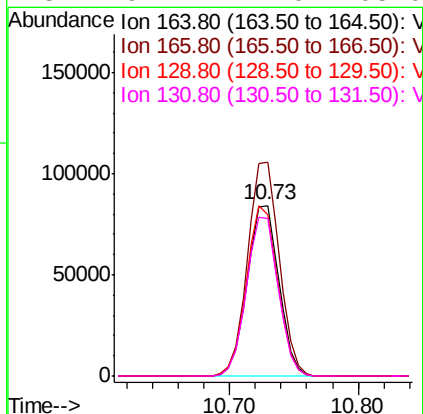
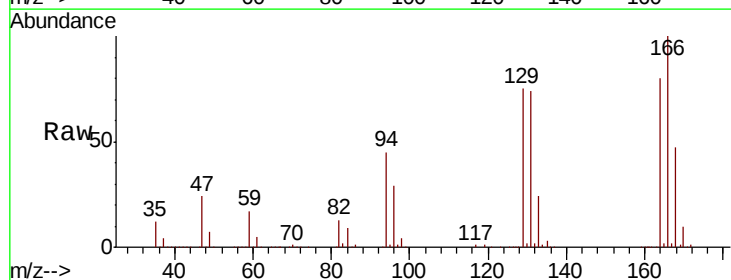
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

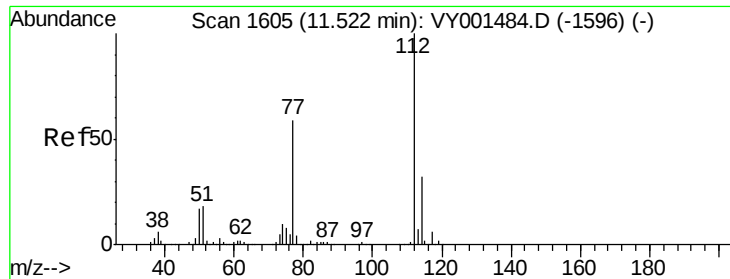
Tot Ion:117 Resp: 367867
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 58.864 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion:164 Resp: 142010
Ion Ratio Lower Upper
164 100
166 125.1 100.8 151.2
129 94.5 77.8 116.6
131 92.1 72.0 108.0

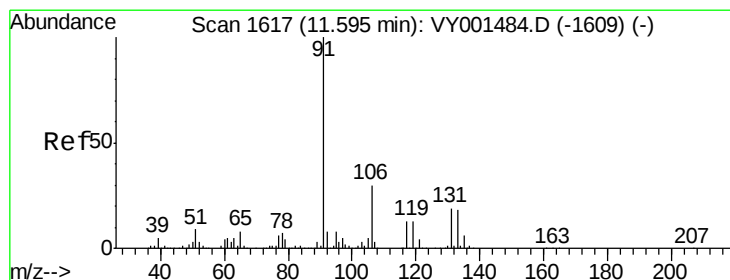
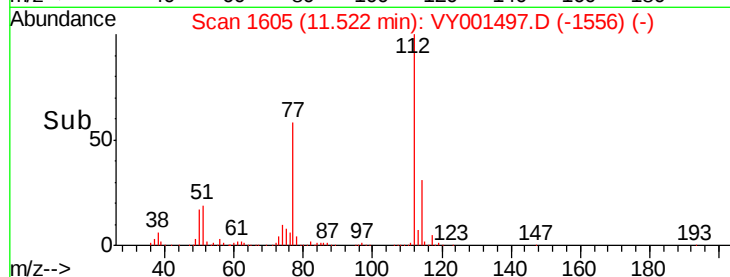
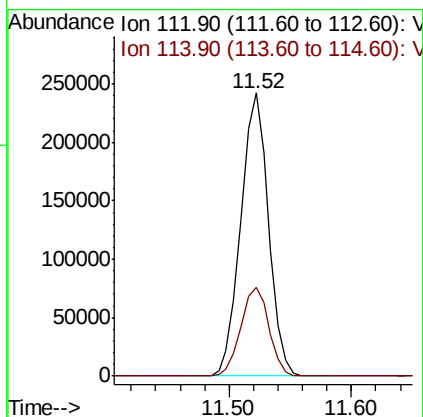
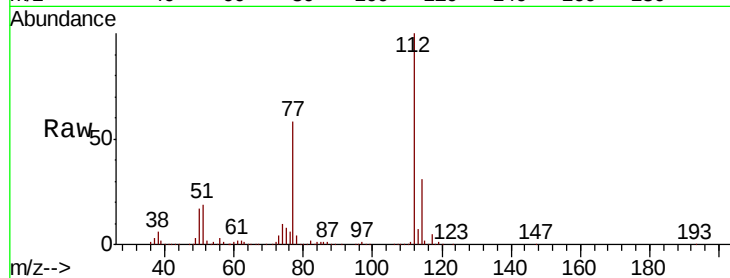




#65
Chlorobenzene
Concen: 52.658 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

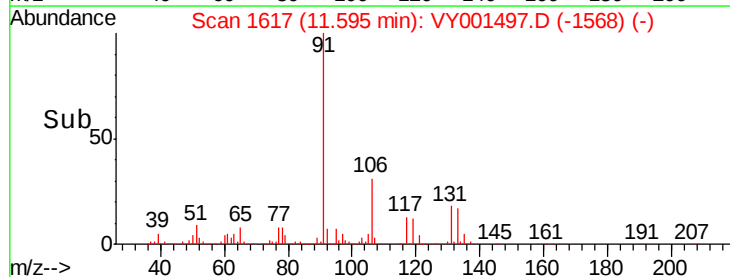
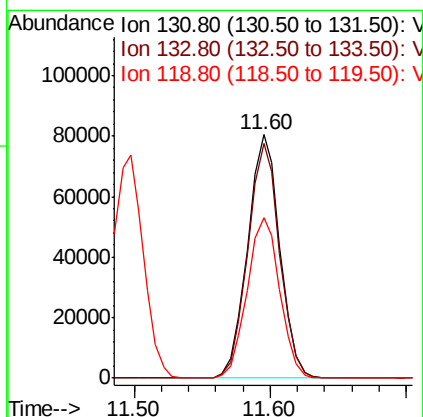
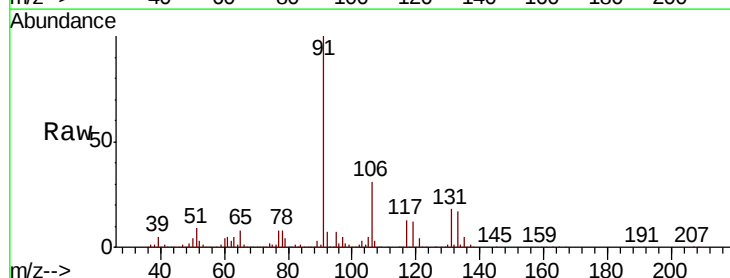
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

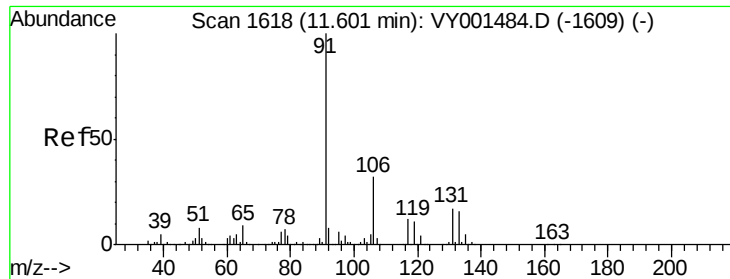
Tot Ion:112 Resp: 380348
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.579 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion:131 Resp: 132919
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 67.1 33.7 101.0

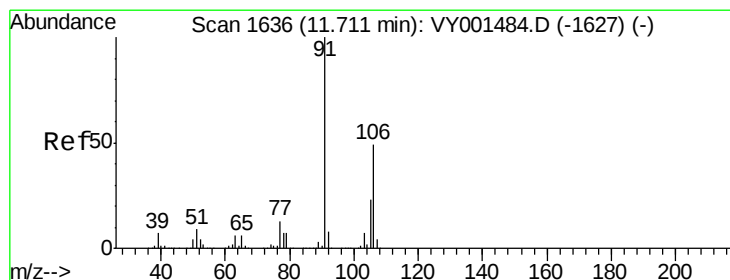
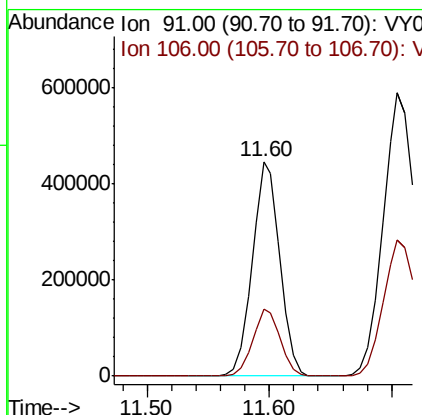
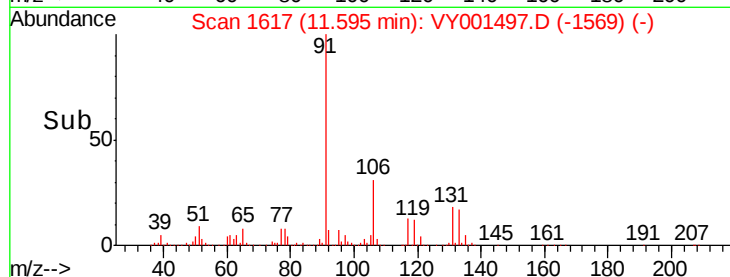
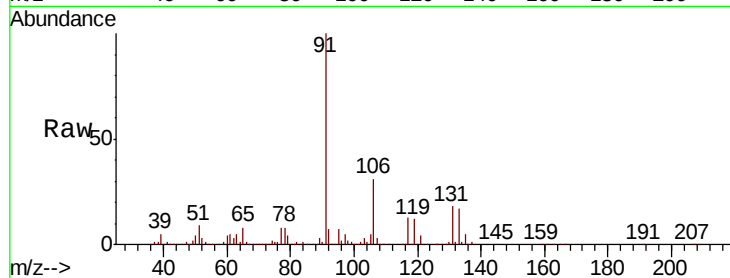




#67
Ethyl Benzene
Concen: 51.936 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

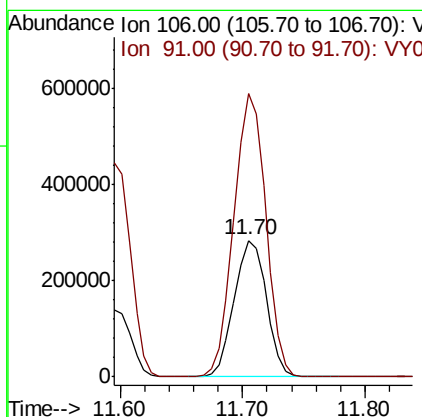
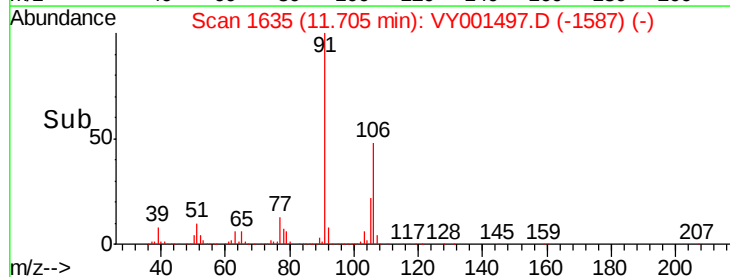
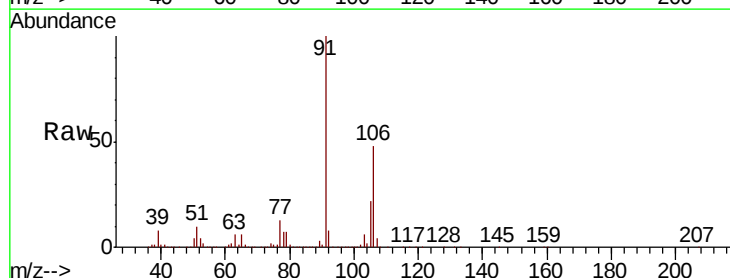
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

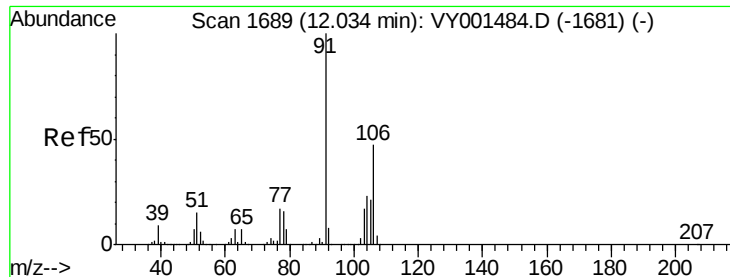
Tot Ion: 91 Resp: 693612
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 103.073 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 106 Resp: 516765
Ion Ratio Lower Upper
106 100
91 205.6 163.6 245.4

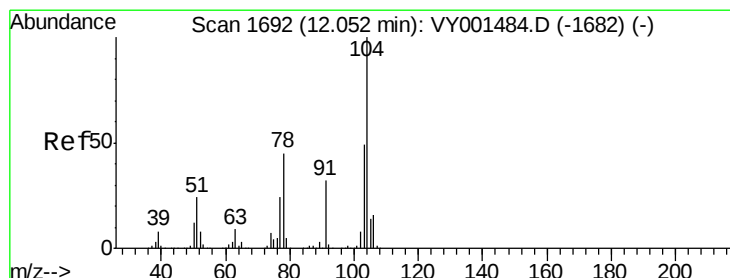
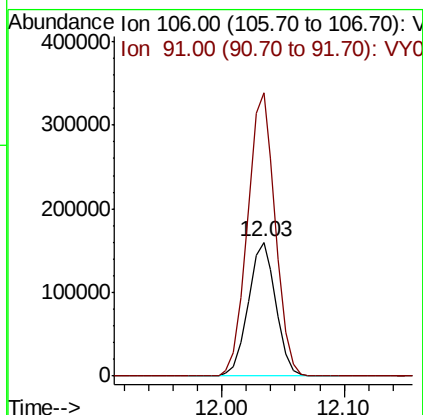
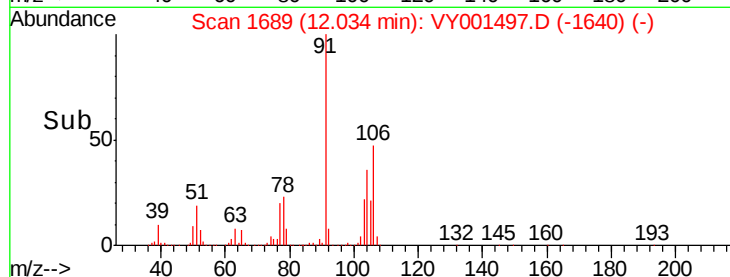
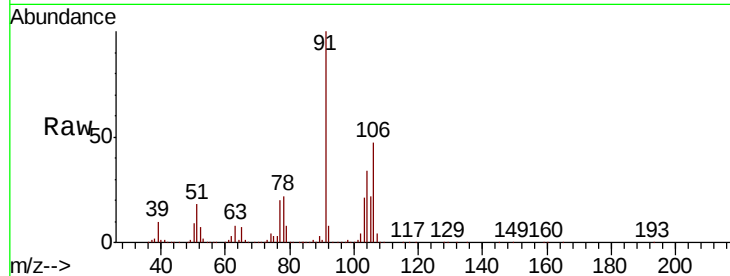




#69
o-Xylene
Concen: 52.945 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

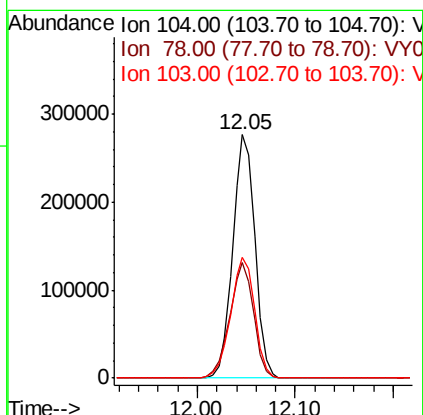
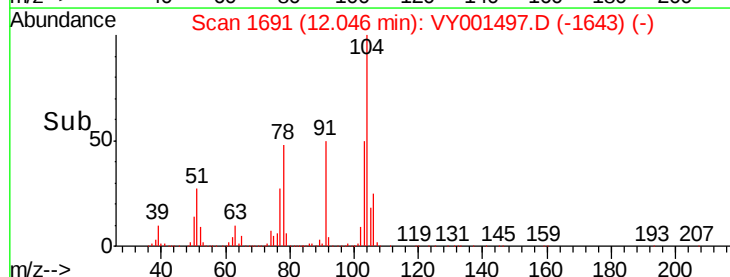
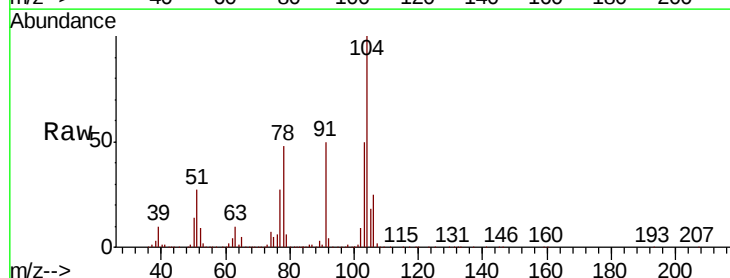
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

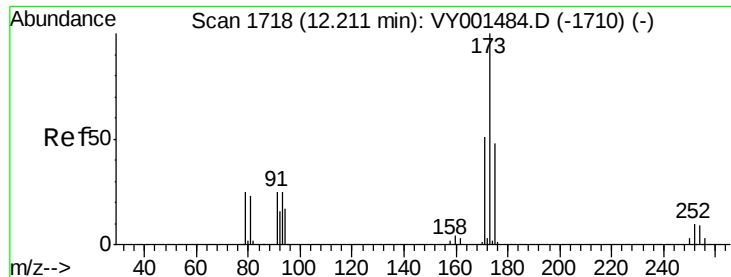
Tot Ion:106 Resp: 250277
Ion Ratio Lower Upper
106 100
91 212.6 106.0 318.0



#70
Styrene
Concen: 53.032 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion:104 Resp: 433517
Ion Ratio Lower Upper
104 100
78 50.9 40.4 60.6
103 53.5 42.8 64.2





#71

Bromoform

Concen: 57.919 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

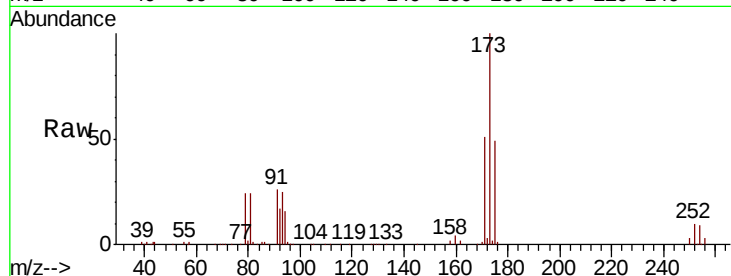
Tot Ion:173 Resp: 81530

Ion Ratio Lower Upper

173 100

175 49.2 24.0 72.0

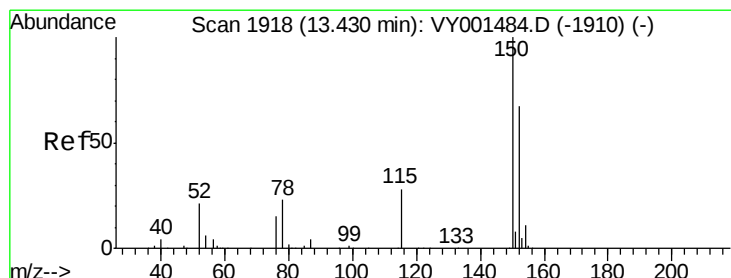
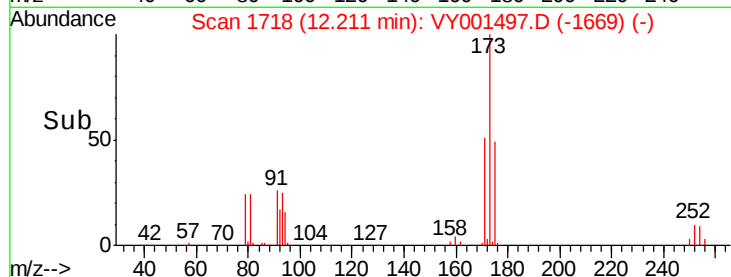
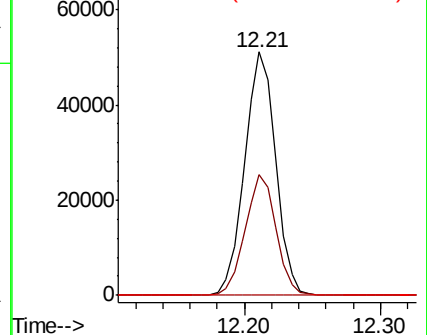
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

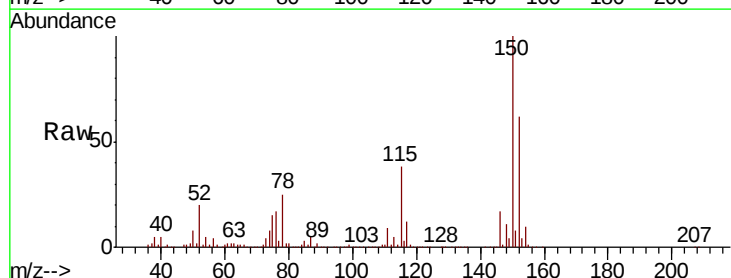
Tgt Ion:152 Resp: 172683

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.3

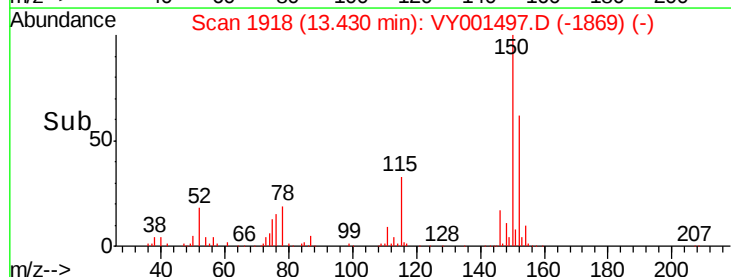
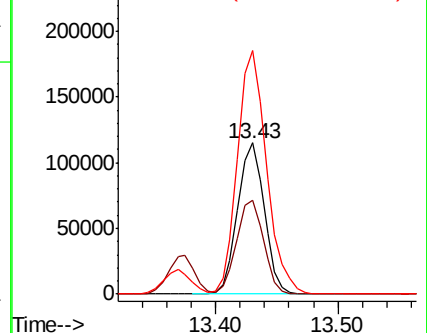
150 176.2 0.0 346.8

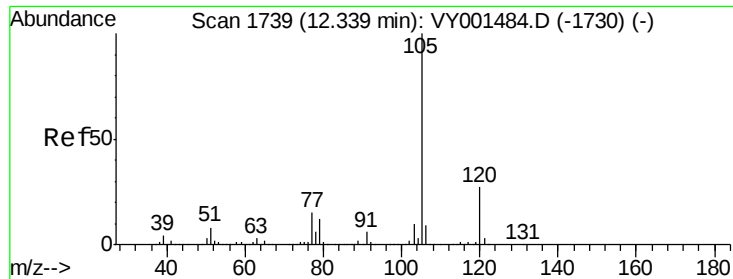


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.816 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

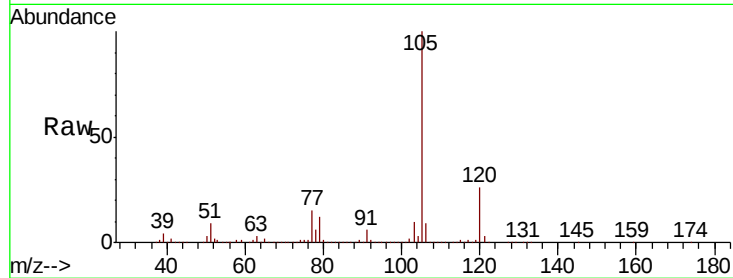
VSTDCCC050EC

Tot Ion:105 Resp: 669262

Ion Ratio Lower Upper

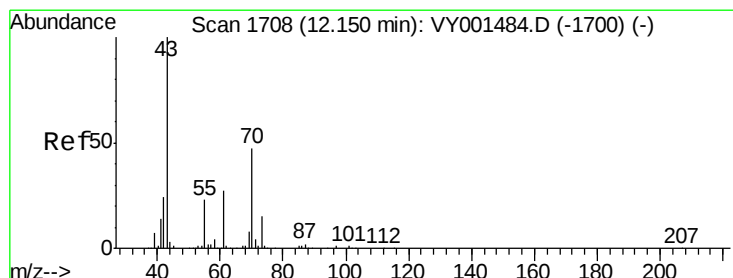
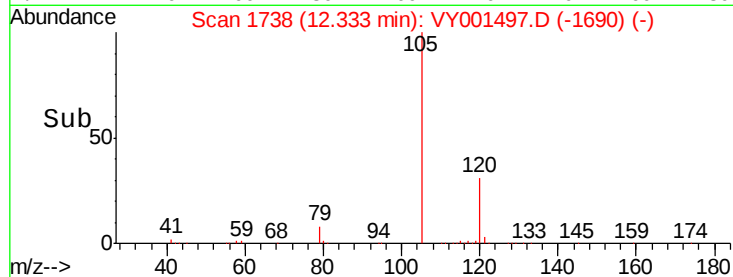
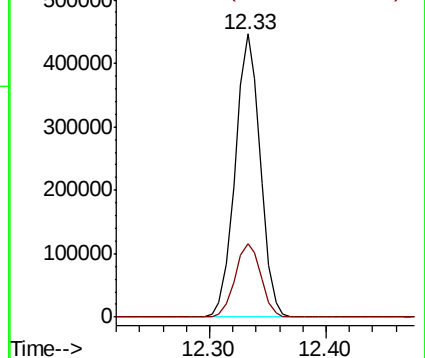
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.543 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Tgt Ion: 43 Resp: 207199

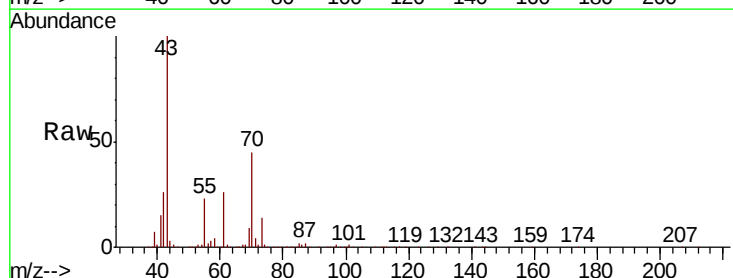
Ion Ratio Lower Upper

43 100

70 45.2 37.2 55.8

55 23.7 18.8 28.2

61 25.8 21.4 32.2

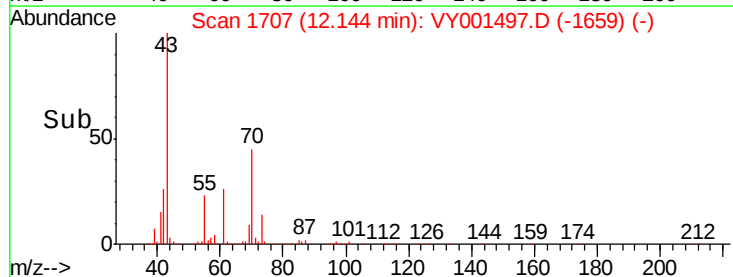
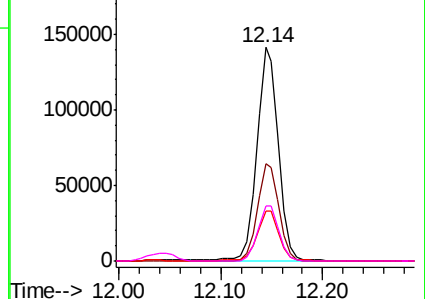


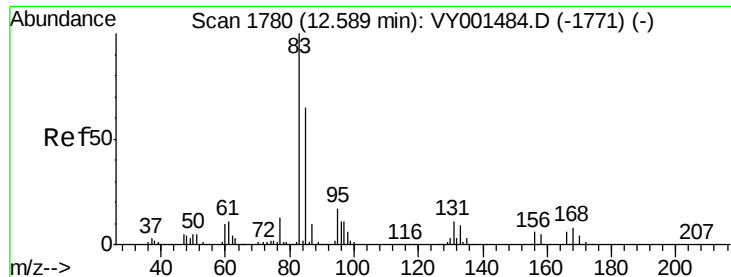
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.544 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

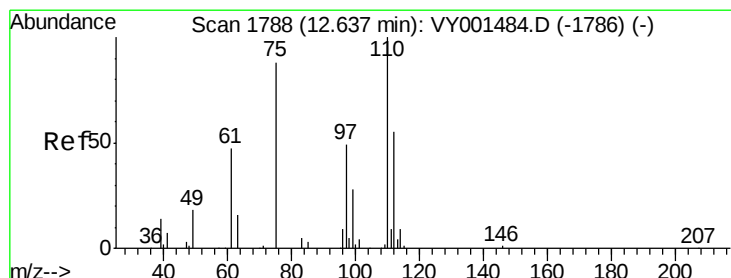
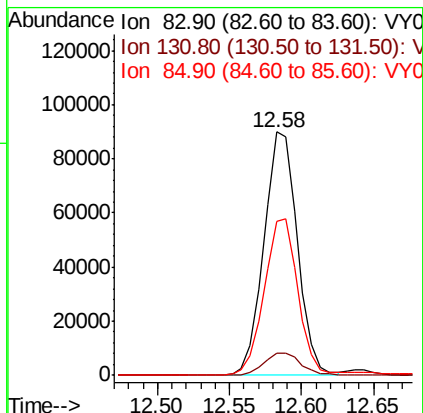
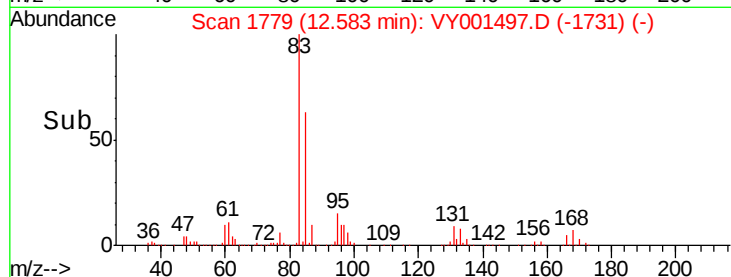
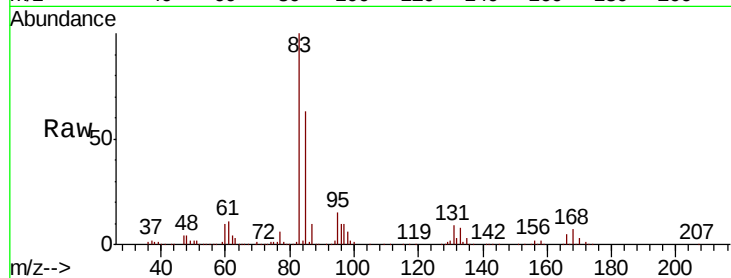
Tot Ion: 83 Resp: 143989

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 103.348 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001497.D

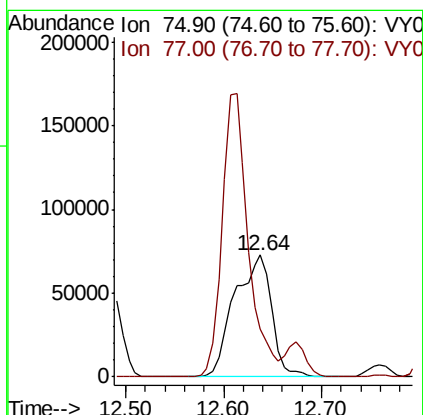
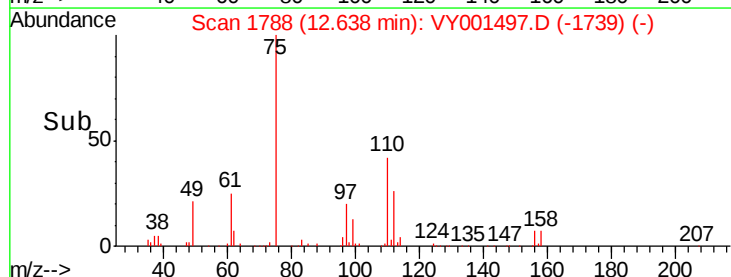
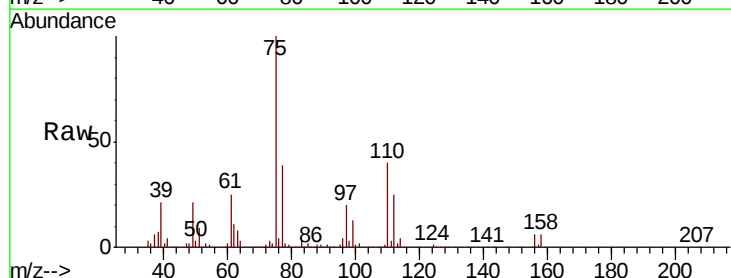
Acq: 04 Feb 2020 19:12

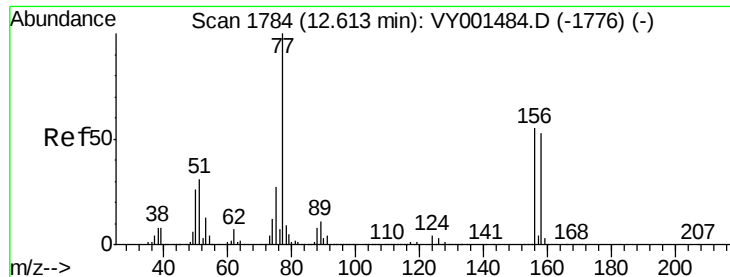
Tgt Ion: 75 Resp: 191921

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.411 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

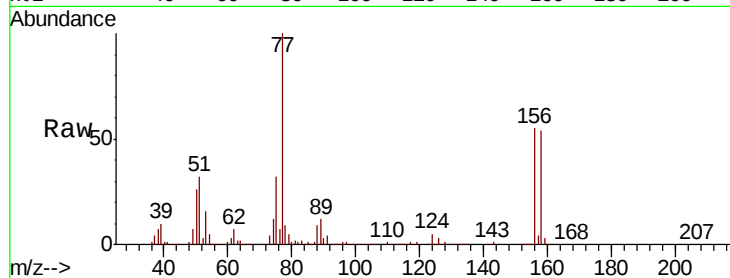
Tot Ion:156 Resp: 149380

Ion Ratio Lower Upper

156 100

77 209.6 99.8 299.3

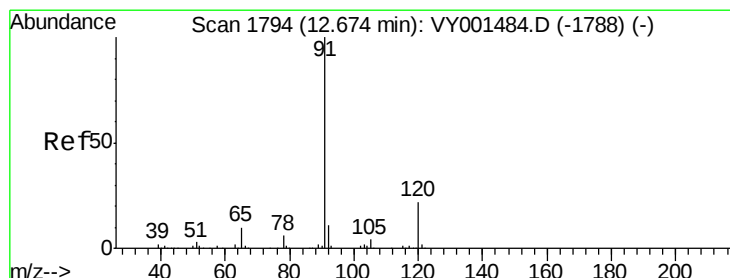
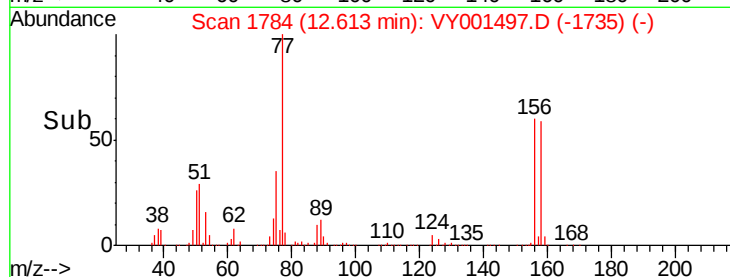
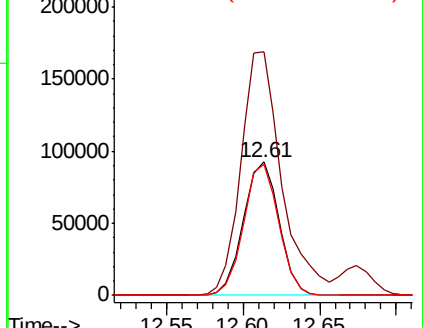
158 97.0 47.5 142.6



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: 50.787 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001497.D

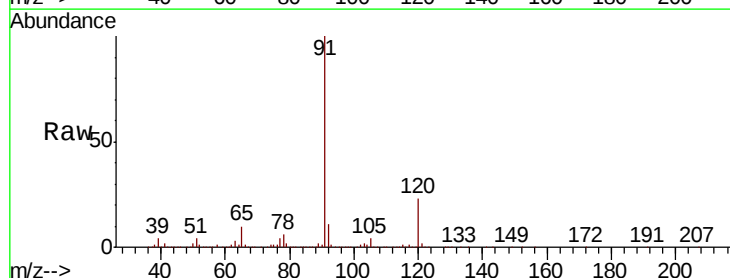
Acq: 04 Feb 2020 19:12

Tgt Ion: 91 Resp: 800756

Ion Ratio Lower Upper

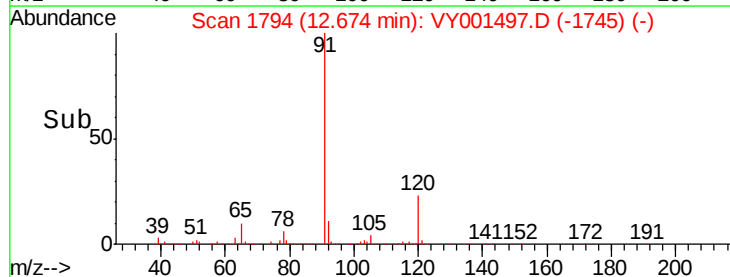
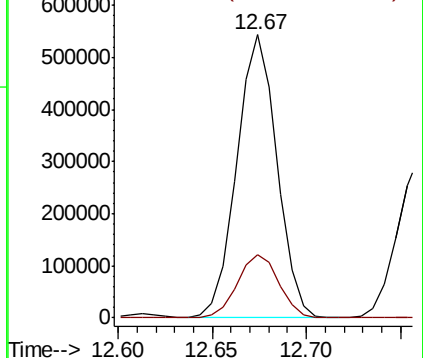
91 100

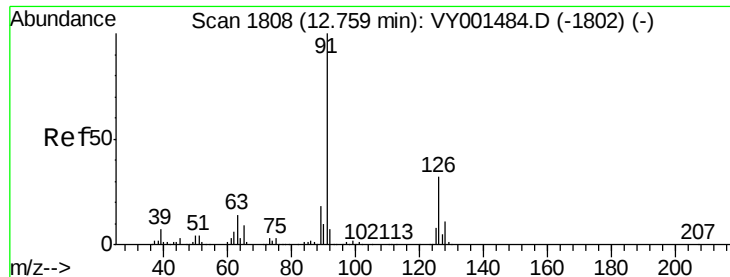
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

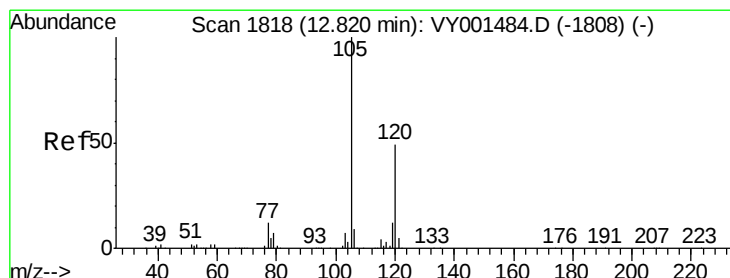
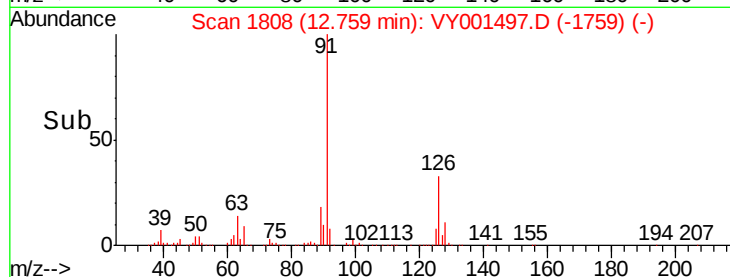
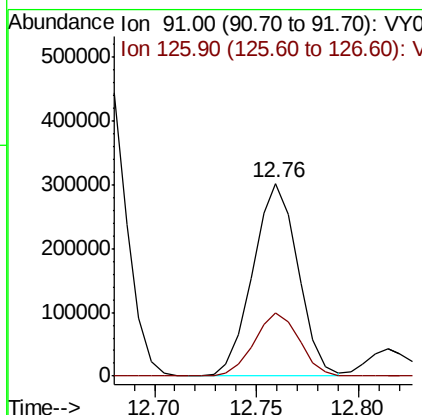
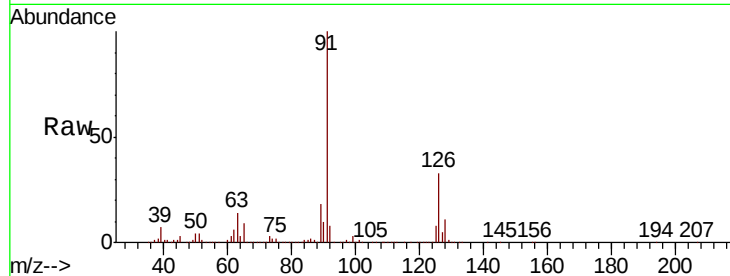




#79
 2-Chlorotoluene
 Concen: 51.678 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

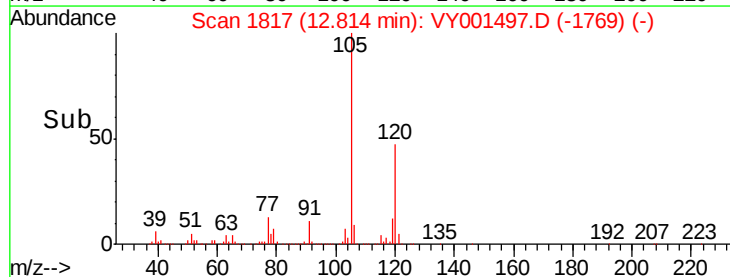
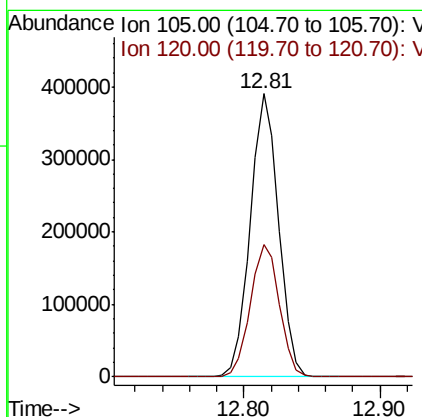
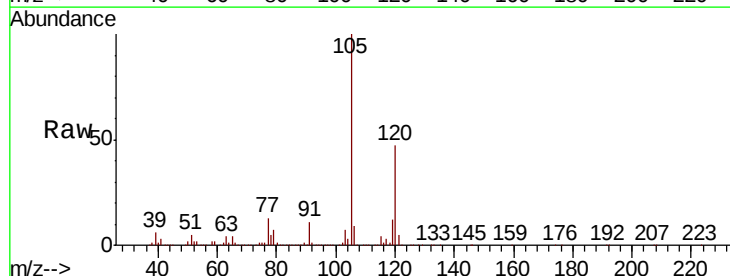
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

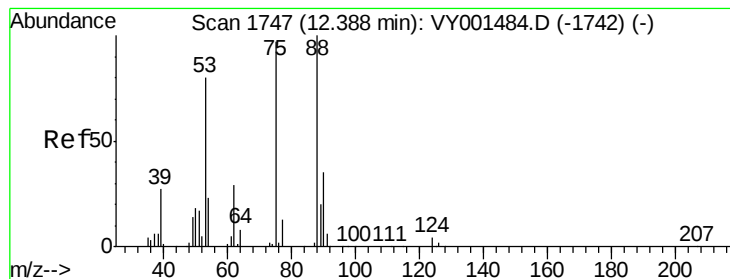
Tot Ion: 91 Resp: 464448
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 51.462 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion: 105 Resp: 570797
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 57.039 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

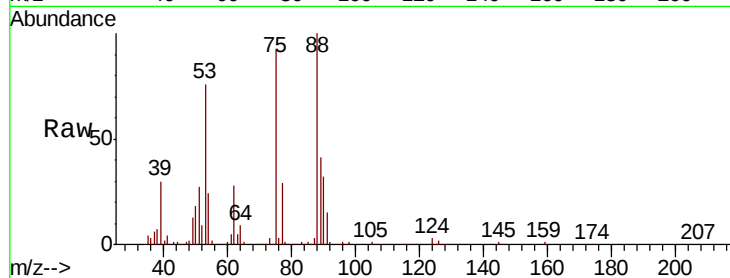
Tot Ion: 75 Resp: 54742

Ion Ratio Lower Upper

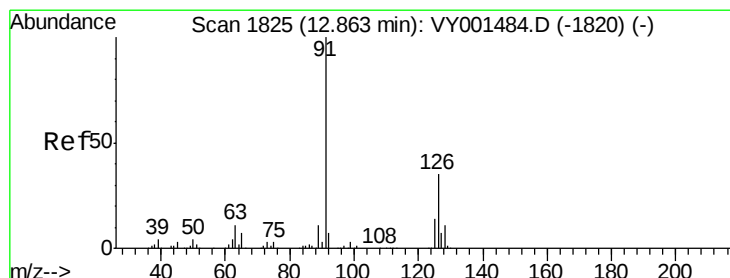
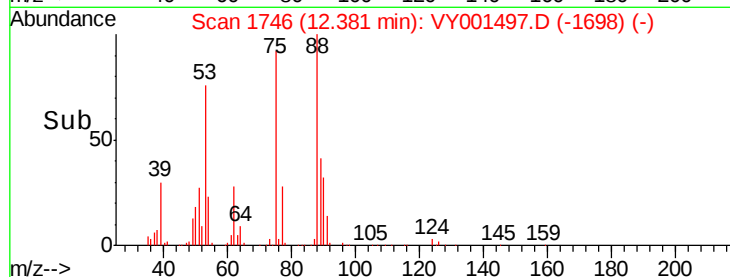
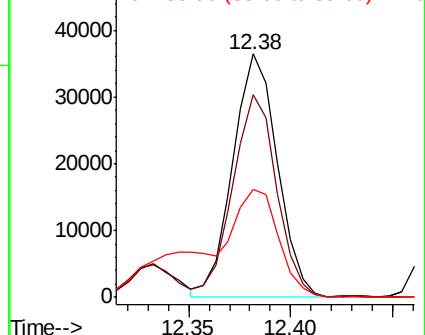
75 100

53 82.0 67.7 101.5

89 45.6 34.6 52.0



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: 51.465 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001497.D

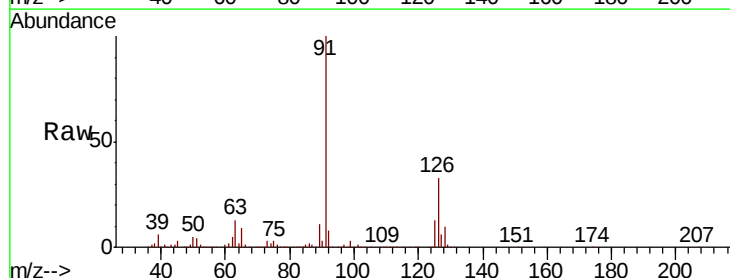
Acq: 04 Feb 2020 19:12

Tgt Ion: 91 Resp: 484949

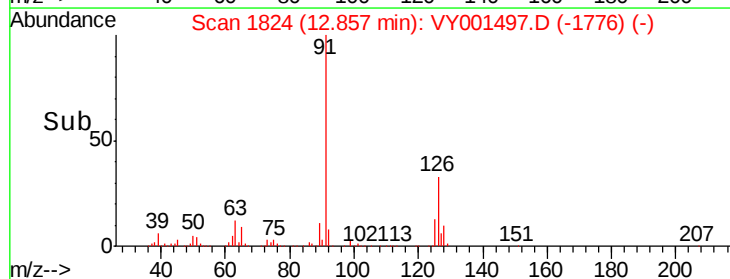
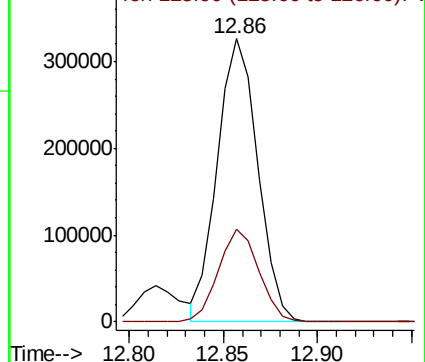
Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5



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





#83

tert-Butylbenzene

Concen: 50.302 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

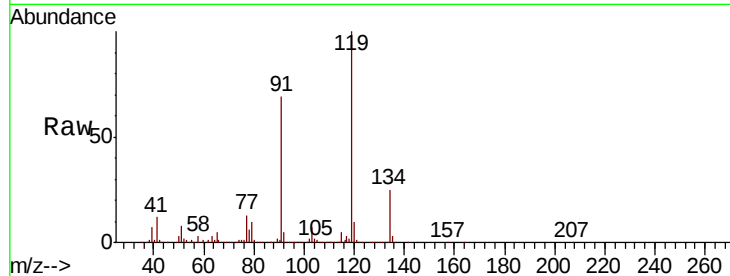
Tot Ion:119 Resp: 471605

Ion Ratio Lower Upper

119 100

91 68.7 33.1 99.3

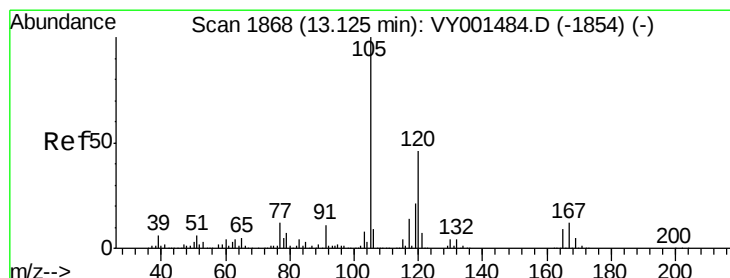
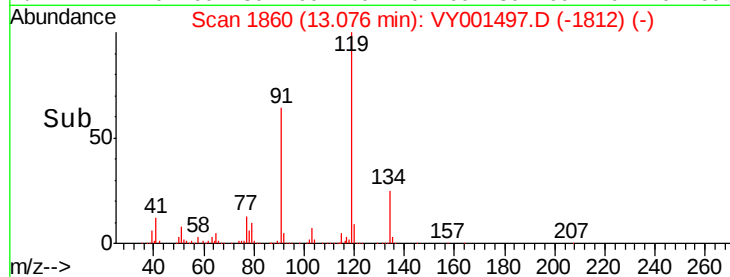
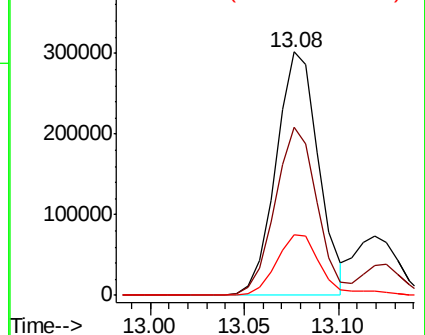
134 26.5 13.0 39.0



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: 51.331 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY001497.D

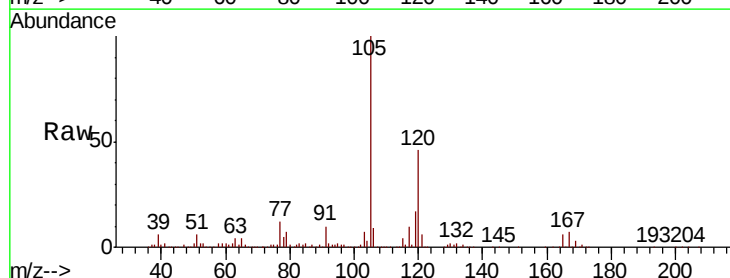
Acq: 04 Feb 2020 19:12

Tgt Ion:105 Resp: 563505

Ion Ratio Lower Upper

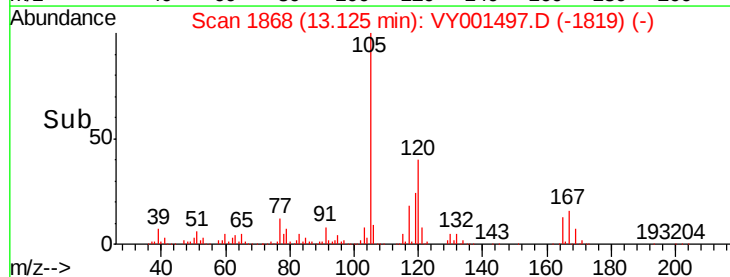
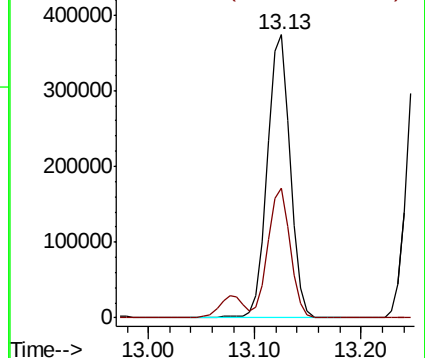
105 100

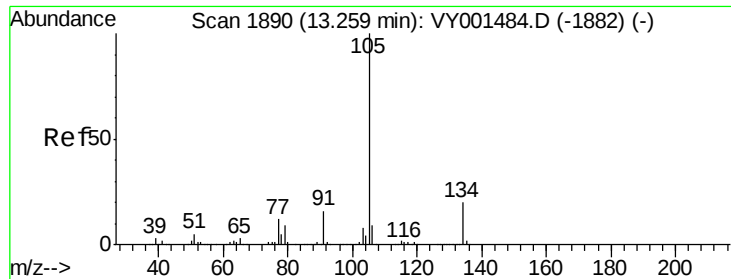
120 44.8 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.120 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

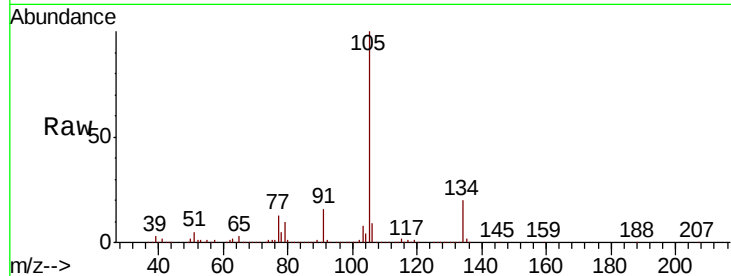
VSTDCCC050EC

Tot Ion:105 Resp: 673844

Ion Ratio Lower Upper

105 100

134 20.1 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

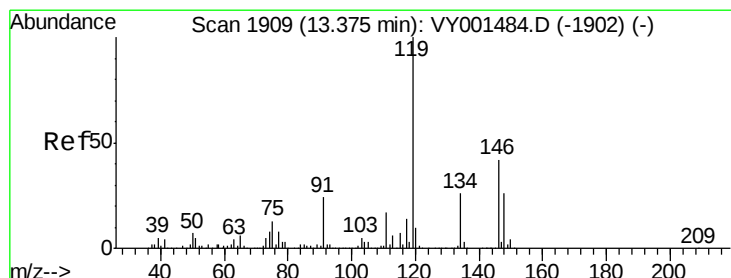
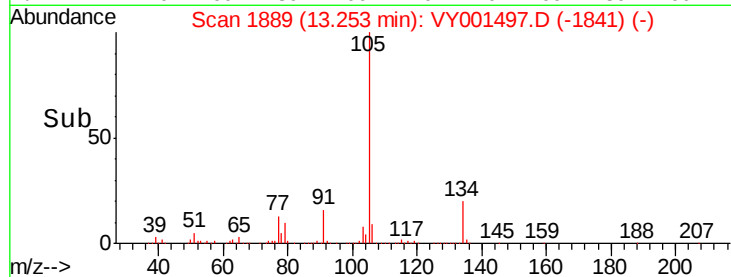
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.260 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

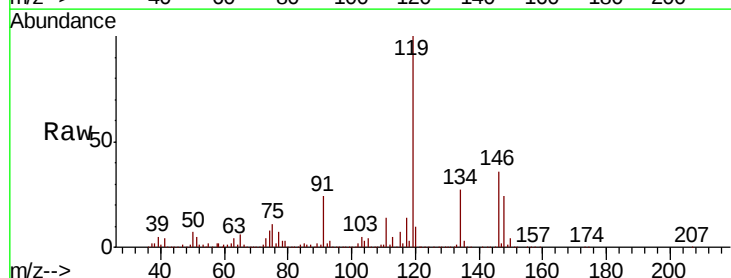
Tgt Ion:119 Resp: 595432

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

400000

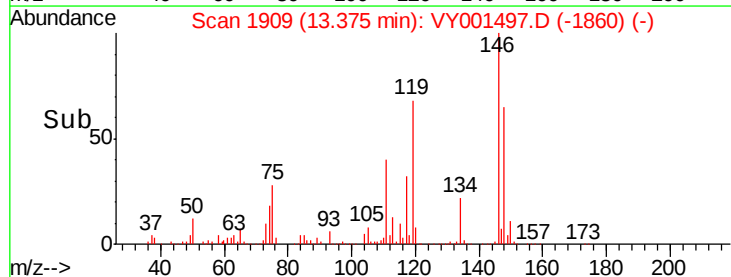
300000

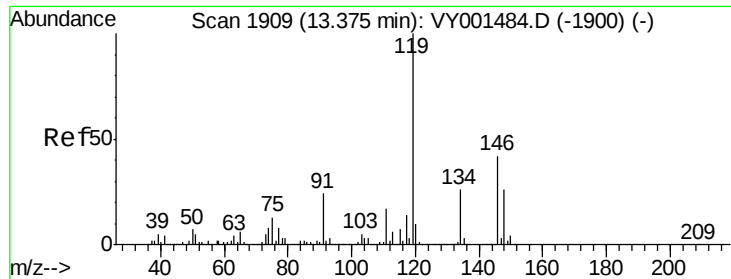
200000

100000

0

Time-->

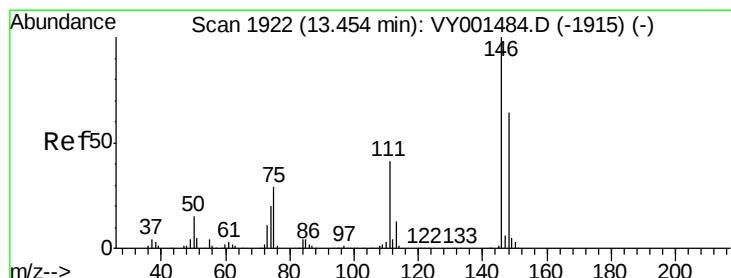
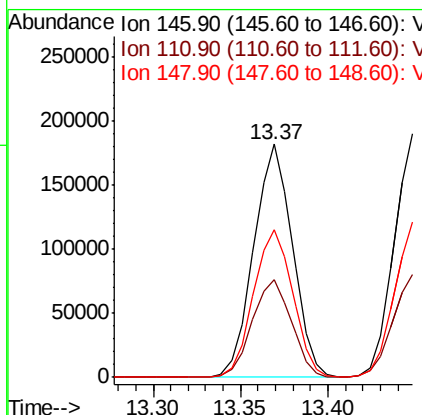
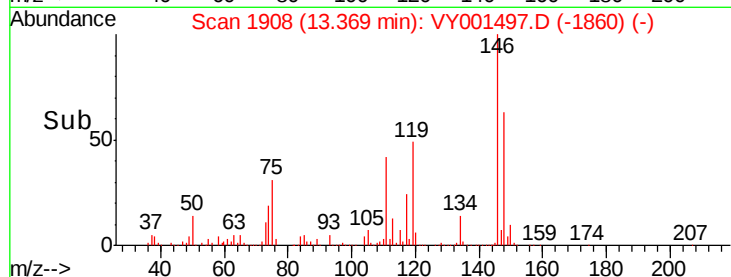
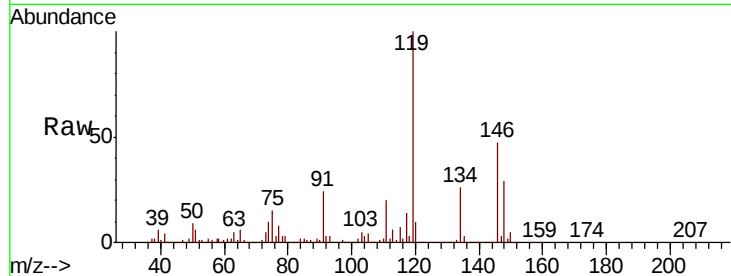




#87
 1,3-Dichlorobenzene
 Concen: 51.328 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

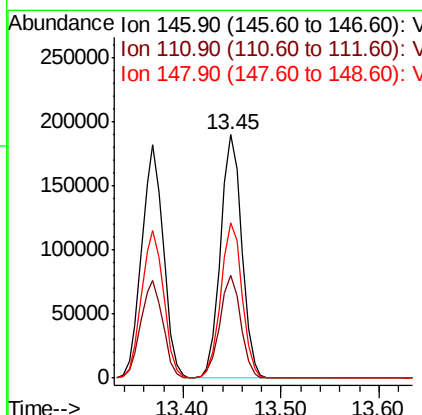
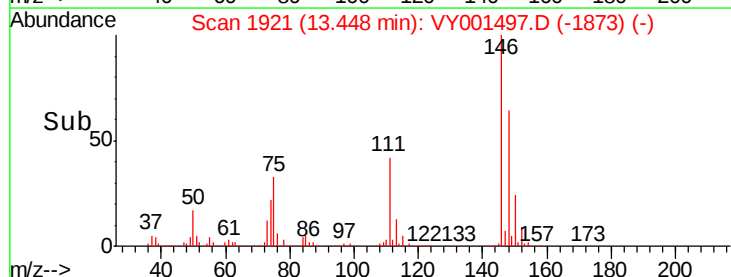
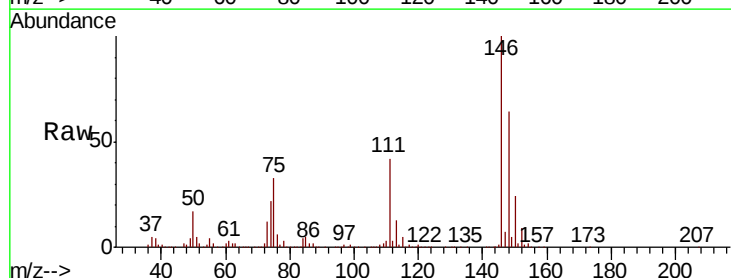
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

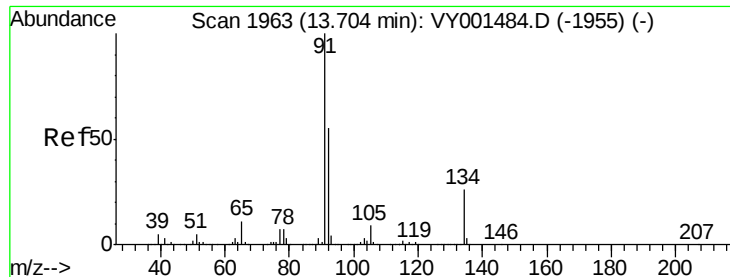
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	64.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.367 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.7	62.1
148	63.8	32.1	96.5

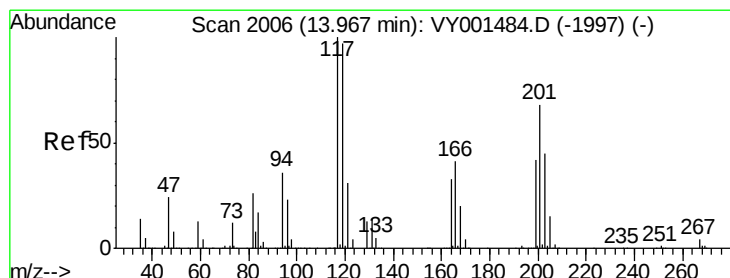
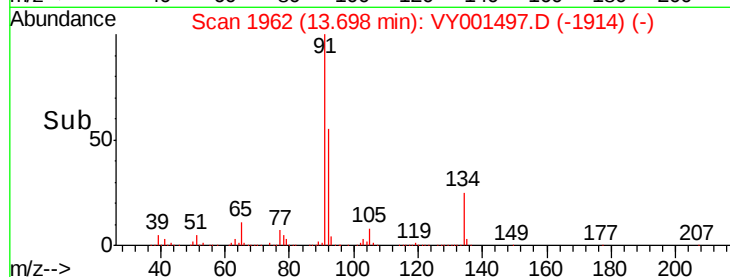
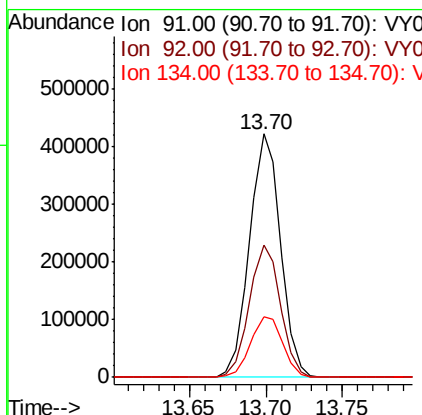
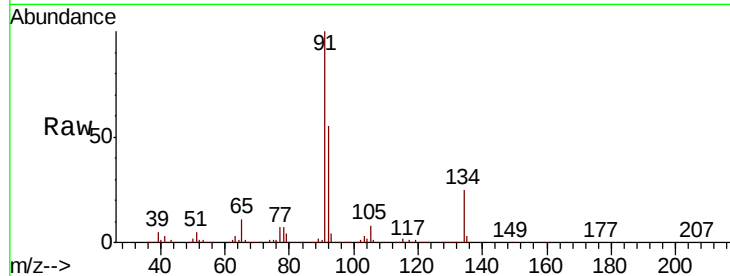




#89
n-Butylbenzene
Concen: 51.980 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

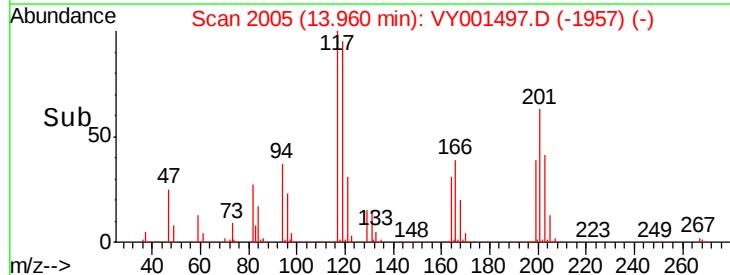
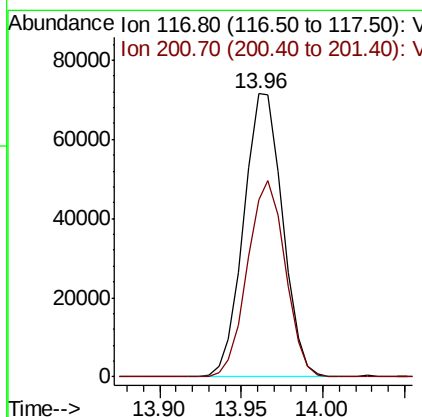
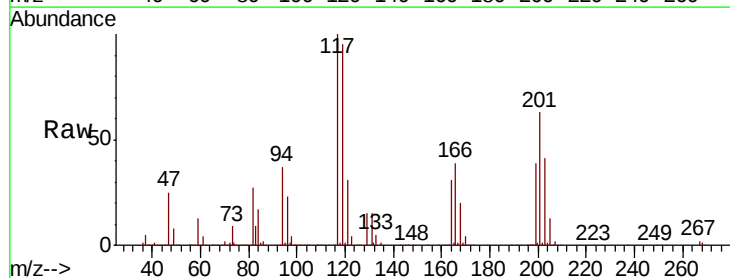
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

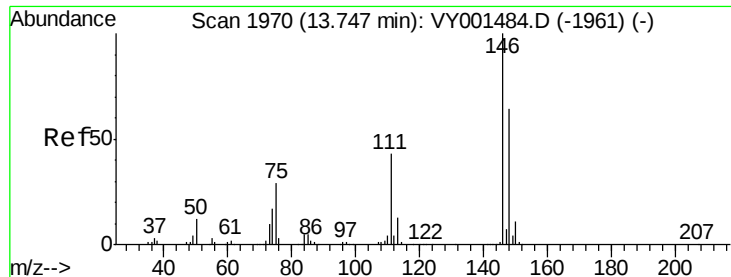
Tot Ion: 91 Resp: 595752
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 53.488 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001497.D
Acq: 04 Feb 2020 19:12

Tgt Ion: 117 Resp: 119253
Ion Ratio Lower Upper
117 100
201 67.4 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 53.226 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

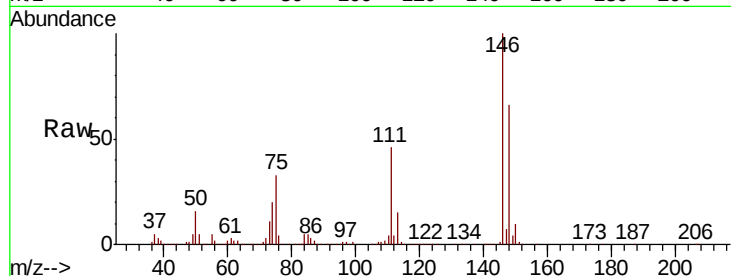
Tot Ion:146 Resp: 263467

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.8

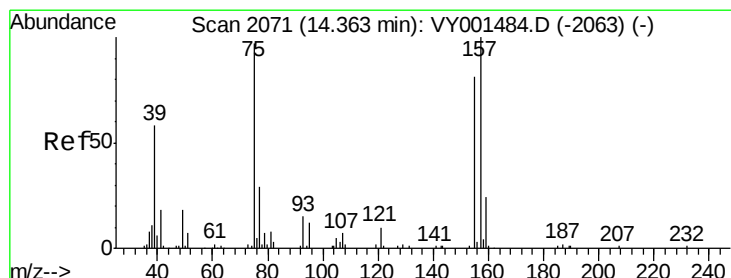
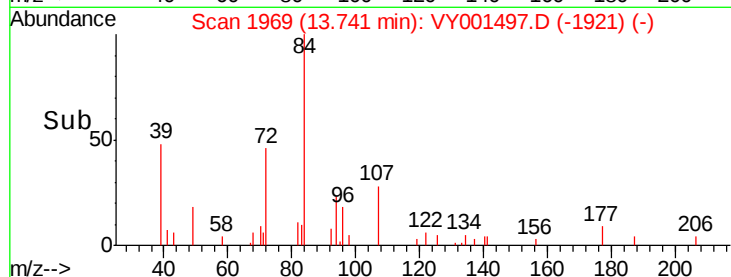
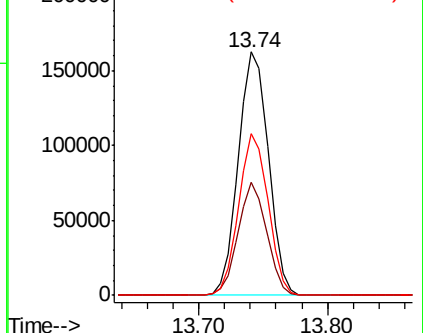
148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.091 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

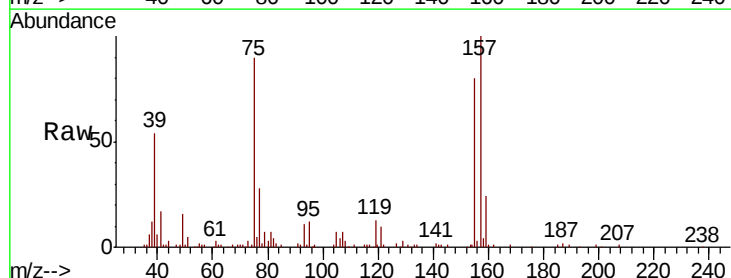
Tgt Ion: 75 Resp: 27296

Ion Ratio Lower Upper

75 100

155 84.1 40.7 122.1

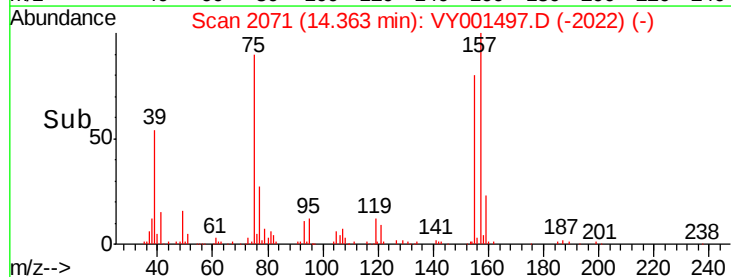
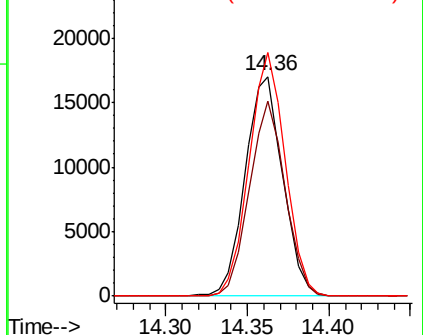
157 106.3 52.3 157.1

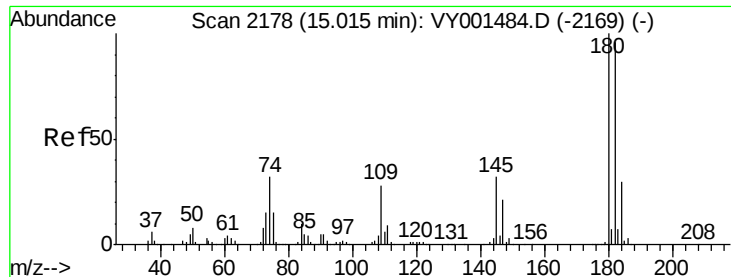


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

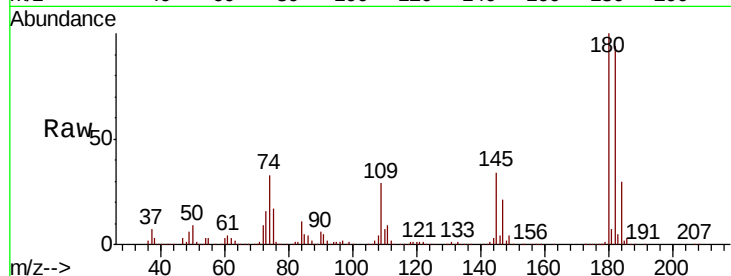




#93
 1,2,4-Trichlorobenzene
 Concen: 53.773 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.7
145	33.3	16.8	50.3

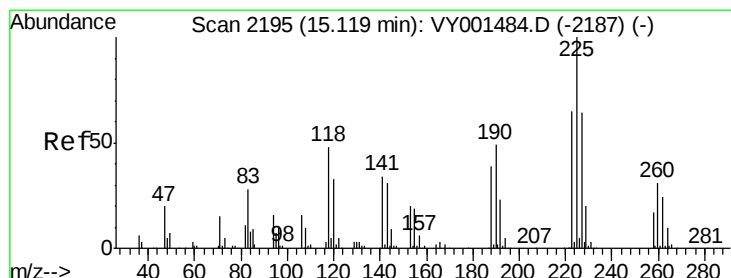
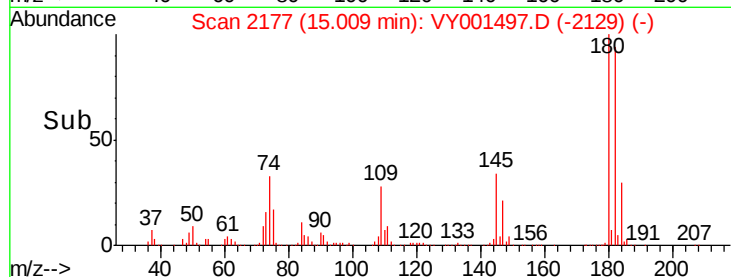
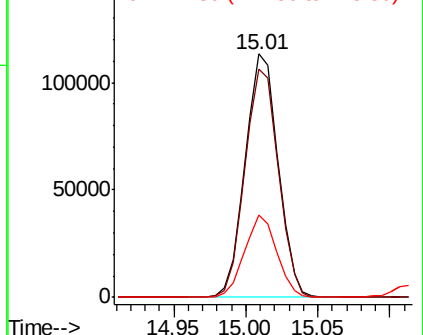


Abundance

Ion 179.80 (179.50 to 180.50): V

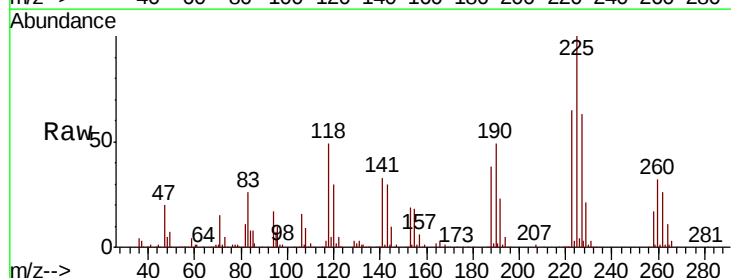
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.925 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001497.D
 Acq: 04 Feb 2020 19:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.9	95.7
227	63.9	32.6	97.7

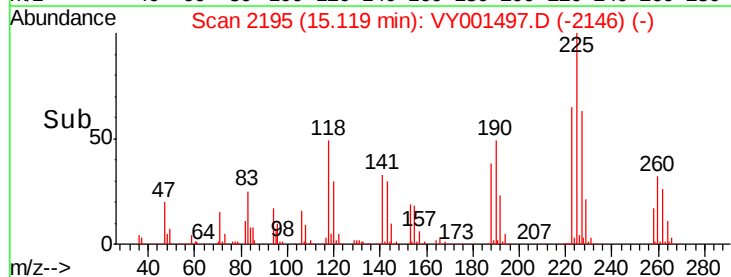
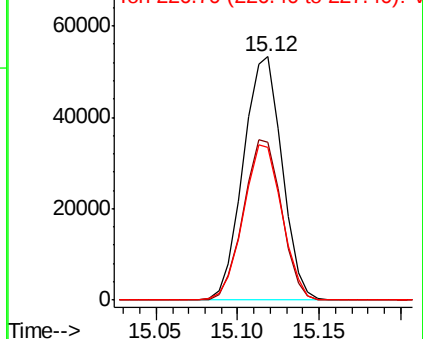


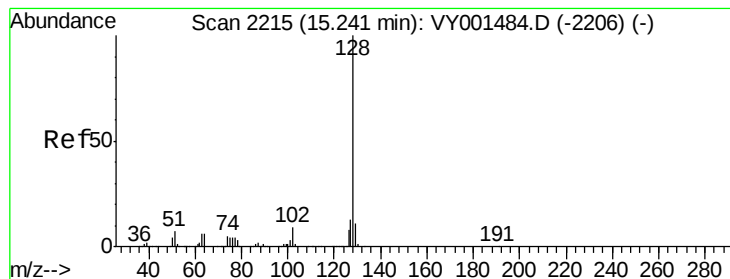
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.612 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

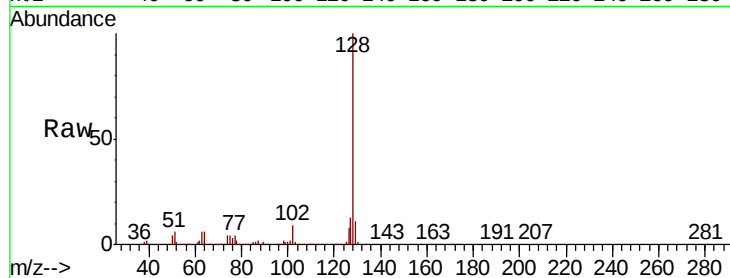
Tot Ion:128 Resp: 435978

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

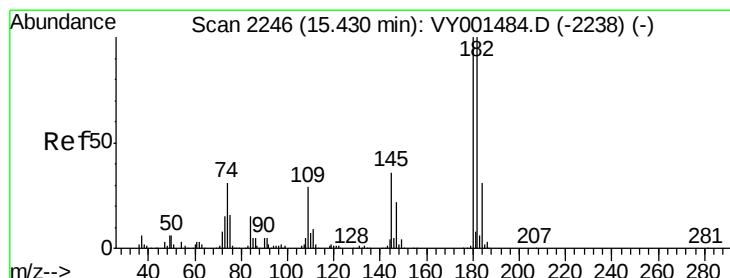
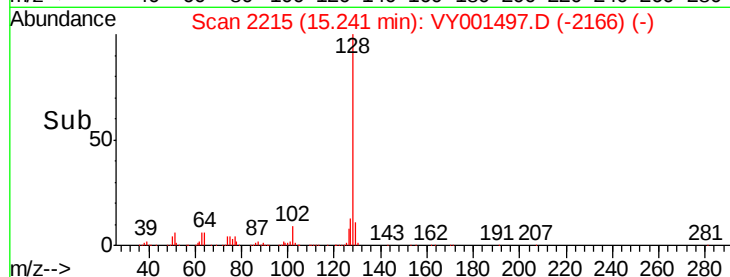
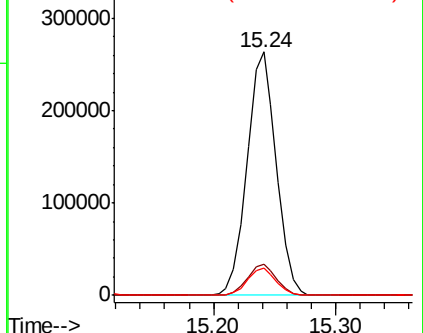
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.187 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001497.D

Acq: 04 Feb 2020 19:12

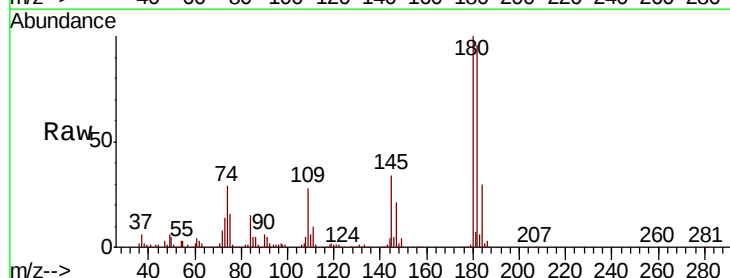
Tgt Ion:180 Resp: 159556

Ion Ratio Lower Upper

180 100

182 94.8 48.0 144.2

145 35.1 17.8 53.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

