

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002502.D
 Acq On : 29 Apr 2020 12:10
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 04:36:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	144011	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	190771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178991	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	100421	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	70500	56.01	ug/l	0.00
Spiked Amount						
						Recovery = 112.02%
35) Dibromofluoromethane	7.74	113	55019	51.13	ug/l	-0.01
Spiked Amount						
						Recovery = 102.26%
50) Toluene-d8	10.19	98	207952	48.08	ug/l	-0.01
Spiked Amount						
						Recovery = 96.16%
62) 4-Bromofluorobenzene	12.48	95	73198	50.44	ug/l	0.00
Spiked Amount						
						Recovery = 100.88%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	25099	23.798	ug/l	99
3) Chloromethane	2.13	50	20897	15.573	ug/l	97
4) Vinyl Chloride	2.26	62	26497	27.487	ug/l	96
5) Bromomethane	2.65	94	21175	39.138	ug/l	95
6) Chloroethane	2.80	64	16208	33.021	ug/l	97
7) Trichlorofluoromethane	3.14	101	58045	33.207	ug/l	100
8) Diethyl Ether	3.55	74	14280	19.819	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.92	101	24232	20.139	ug/l	92
10) Methyl Iodide	4.11	142	35450	19.098	ug/l #	85
11) Tert butyl alcohol	4.97	59	13114	110.696	ug/l	100
12) 1,1-Dichloroethene	3.89	96	23648	19.182	ug/l	96
13) Acrolein	3.75	56	7132	75.205	ug/l	95
14) Allyl chloride	4.50	41	24783	13.679	ug/l #	70
15) Acrylonitrile	5.19	53	26459	76.751	ug/l	94
16) Acetone	3.97	43	25373	96.458	ug/l	96
17) Carbon Disulfide	4.21	76	63189	16.438	ug/l	96
18) Methyl Acetate	4.50	43	12018	14.198	ug/l #	84
19) Methyl tert-butyl Ether	5.25	73	69121	20.778	ug/l #	88
20) Methylene Chloride	4.75	84	25275	16.829	ug/l #	85
21) trans-1,2-Dichloroethene	5.25	96	24882	17.927	ug/l	85
22) Diisopropyl ether	6.14	45	48203	13.457	ug/l #	85
23) Vinyl Acetate	6.08	43	172187	75.647	ug/l #	93
24) 1,1-Dichloroethane	6.04	63	35264	16.260	ug/l	99
25) 2-Butanone	7.02	43	30342	75.292	ug/l	99
26) 2,2-Dichloropropane	7.00	77	47533	22.917	ug/l	95
27) cis-1,2-Dichloroethene	7.01	96	26908	17.824	ug/l	99
28) Bromochloromethane	7.36	49	11961	14.137	ug/l #	67
29) Tetrahydrofuran	7.36	42	16825	62.972	ug/l #	73
30) Chloroform	7.53	83	46883	20.303	ug/l	94
31) Cyclohexane	7.80	56	30046	13.855	ug/l #	78
32) 1,1,1-Trichloroethane	7.72	97	53443	24.493	ug/l	96
36) 1,1-Dichloropropene	7.94	75	31900	19.501	ug/l	99
37) Ethyl Acetate	7.10	43	14067	17.118	ug/l	97
38) Carbon Tetrachloride	7.92	117	51862	27.571	ug/l	99

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	39040	18.296	ug/l	95
40) Benzene	8.17	78	87839	18.579	ug/l	100
41) Methacrylonitrile	7.35	41	9355m	18.477	ug/l	
42) 1,2-Dichloroethane	8.25	62	35544	25.880	ug/l	93
43) Isopropyl Acetate	8.29	43	26071	16.962	ug/l	96
44) Trichloroethene	8.96	130	31246	21.136	ug/l	91
45) 1,2-Dichloropropane	9.23	63	16702	15.328	ug/l	93
46) Dibromomethane	9.31	93	13258	20.796	ug/l	97
47) Bromodichloromethane	9.51	83	35202	22.080	ug/l	99
48) Methyl methacrylate	9.30	41	12361	17.617	ug/l #	86
49) 1,4-Dioxane	9.31	88	3387	416.881	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	67101	84.050	ug/l	99
52) Toluene	10.25	92	60080	19.741	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	36832	21.999	ug/l	91
54) cis-1,3-Dichloropropene	9.94	75	37195	19.409	ug/l	91
55) 1,1,2-Trichloroethane	10.65	97	18096	19.198	ug/l	97
56) Ethyl methacrylate	10.52	69	23185	18.001	ug/l #	91
57) 1,3-Dichloropropane	10.80	76	30119	18.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	53304	85.583	ug/l #	83
59) 2-Hexanone	10.84	43	45452	81.678	ug/l	100
60) Dibromochloromethane	10.99	129	28007	22.675	ug/l	98
61) 1,2-Dibromoethane	11.09	107	18300	19.578	ug/l	99
64) Tetrachloroethene	10.72	164	36899	22.493	ug/l	97
65) Chlorobenzene	11.52	112	70983	20.571	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	29117	22.488	ug/l	95
67) Ethyl Benzene	11.59	91	124417	20.231	ug/l	99
68) m/p-Xylenes	11.70	106	97449	41.162	ug/l	97
69) o-Xylene	12.03	106	45794	20.888	ug/l	97
70) Styrene	12.05	104	80346	21.047	ug/l	96
71) Bromoform	12.21	173	18685	22.908	ug/l #	98
73) Isopropylbenzene	12.33	105	134214	19.991	ug/l	100
74) N-amyl acetate	12.14	43	23004	14.460	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	15460	14.994	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	13155m	15.456	ug/l	
77) Bromobenzene	12.61	156	33908	20.138	ug/l	91
78) n-propylbenzene	12.67	91	145470	18.662	ug/l	96
79) 2-Chlorotoluene	12.76	91	81967	19.217	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	118663	20.825	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	7639	16.608	ug/l #	76
82) 4-Chlorotoluene	12.86	91	86260	19.567	ug/l	99
83) tert-Butylbenzene	13.08	119	105056	21.232	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	117830	21.554	ug/l	98
85) sec-Butylbenzene	13.25	105	132893	20.058	ug/l	96
86) p-Isopropyltoluene	13.37	119	136122	21.543	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	66107	21.227	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	65420	21.126	ug/l	99
89) n-Butylbenzene	13.70	91	111898	19.197	ug/l	97
90) Hexachloroethane	13.96	117	23111	20.236	ug/l	90
91) 1,2-Dichlorobenzene	13.74	146	59283	22.105	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4819	23.541	ug/l	92

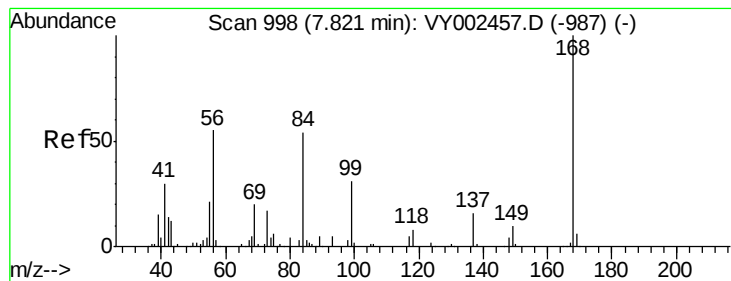
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
Data File : VY002502.D
Acq On : 29 Apr 2020 12:10
Operator : SY/MD
Sample : VY0429SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	54056	25.538	ug/l	100
94) Hexachlorobutadiene	15.12	225	34918	27.334	ug/l	97
95) Naphthalene	15.24	128	102810	26.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	50714	28.247	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

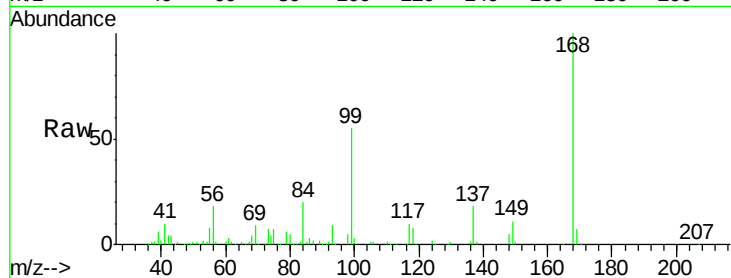
VY0429SBS01

Tot Ion:168 Resp: 144011

Ion Ratio Lower Upper

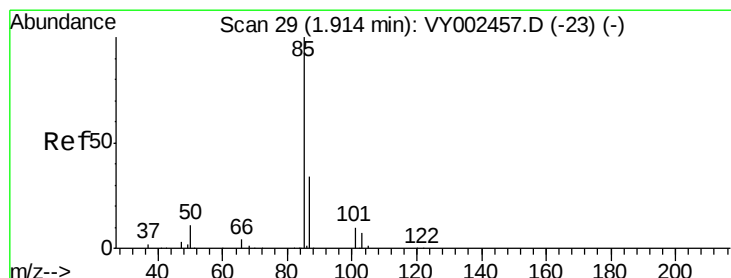
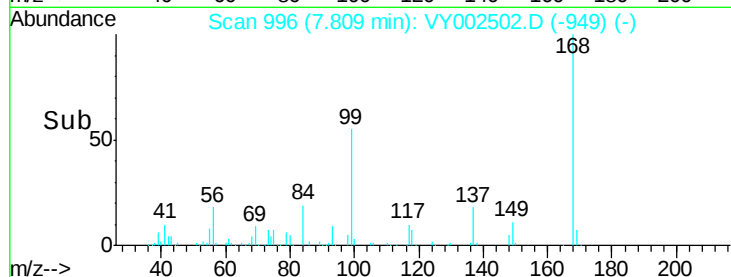
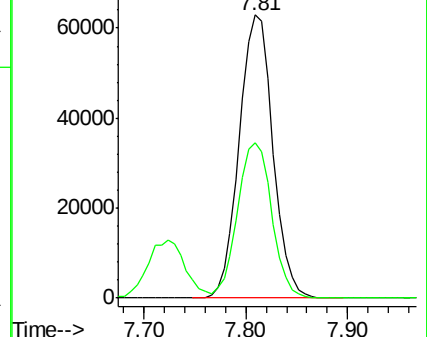
168 100

99 54.9 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 23.798 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002502.D

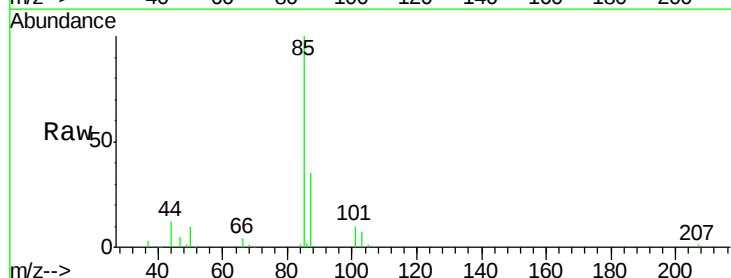
Acq: 29 Apr 2020 12:10

Tgt Ion: 85 Resp: 25099

Ion Ratio Lower Upper

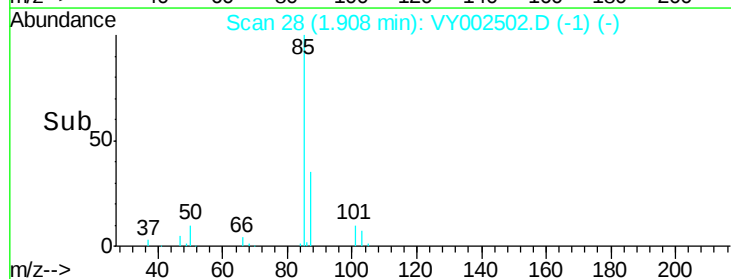
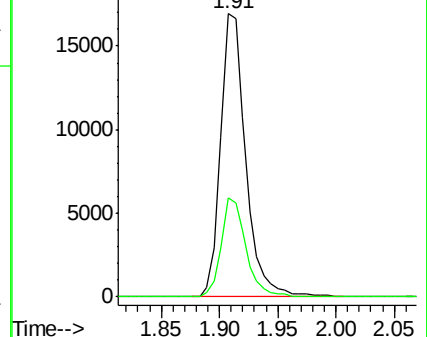
85 100

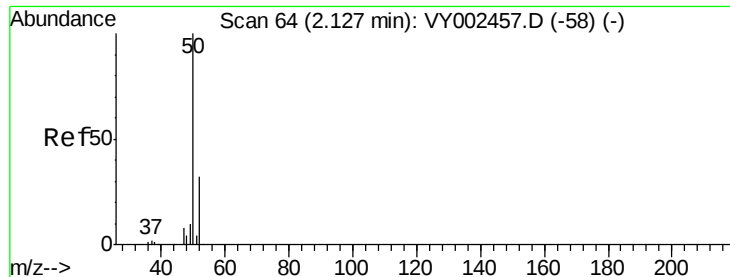
87 34.9 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)





#3

Chloromethane

Concen: 15.573 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

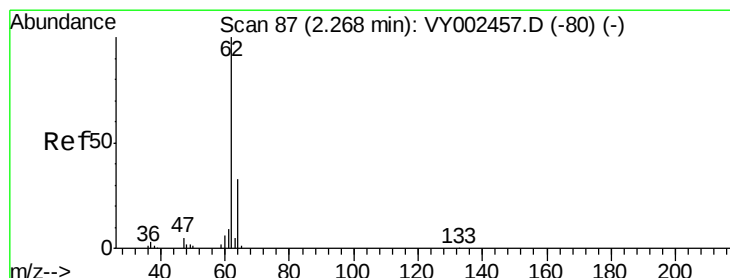
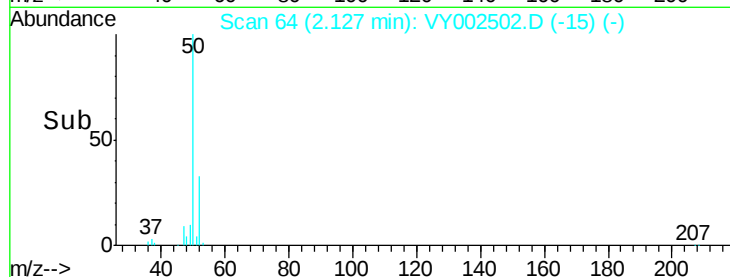
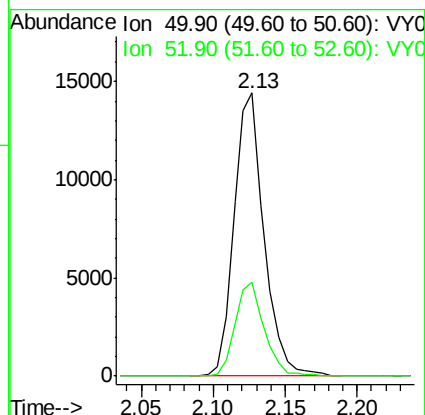
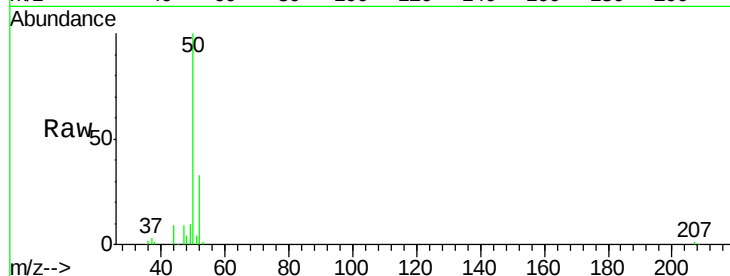
VY0429SBS01

Tot Ion: 50 Resp: 20897

Ion Ratio Lower Upper

50 100

52 33.0 25.2 37.8



#4

Vinyl Chloride

Concen: 27.487 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002502.D

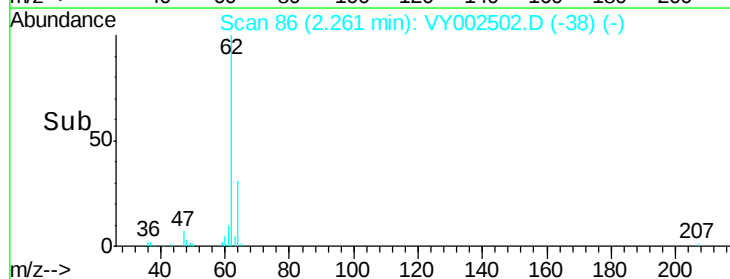
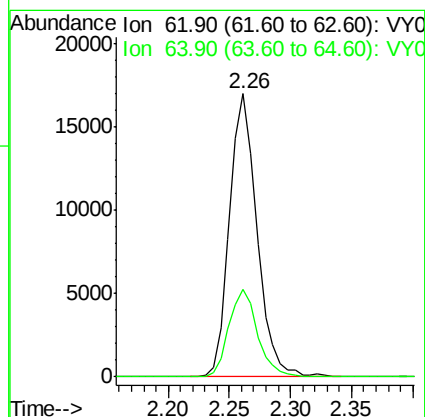
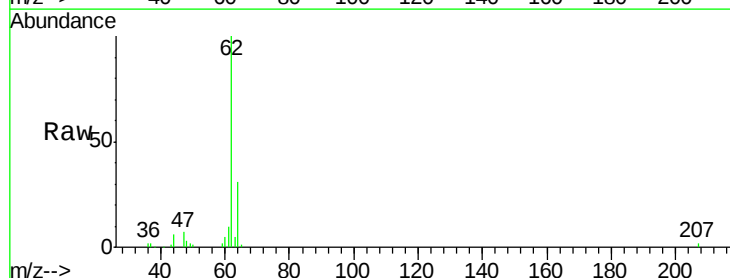
Acq: 29 Apr 2020 12:10

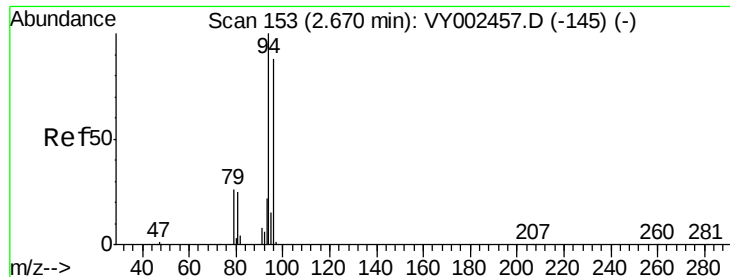
Tgt Ion: 62 Resp: 26497

Ion Ratio Lower Upper

62 100

64 30.8 26.6 39.8





#5

Bromomethane

Concen: 39.138 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

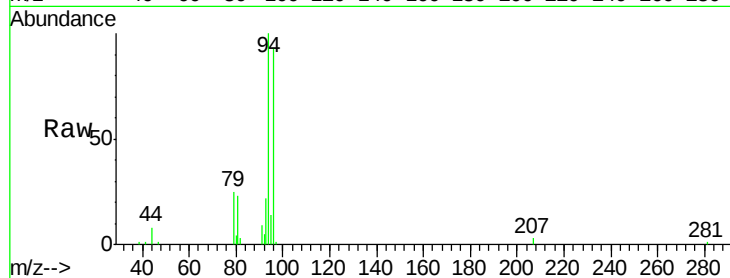
VY0429SBS01

Tot Ion: 94 Resp: 21175

Ion Ratio Lower Upper

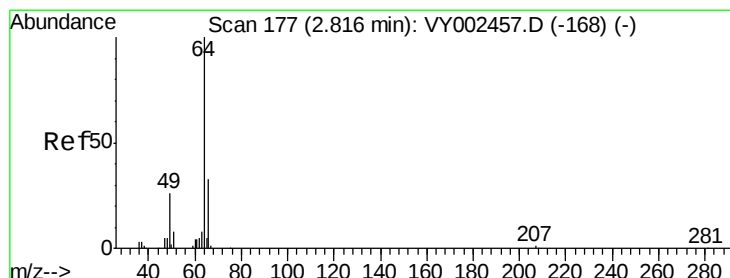
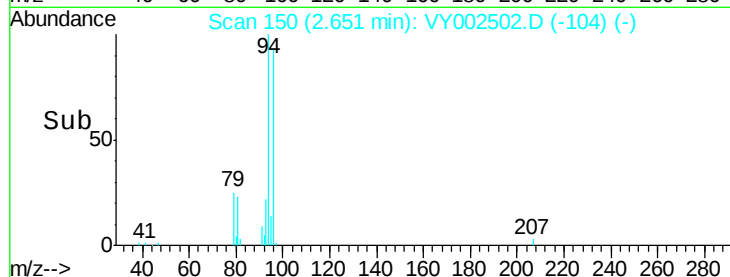
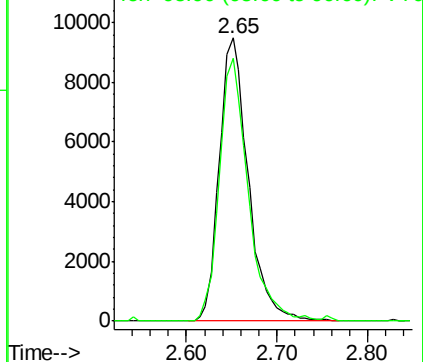
94 100

96 92.9 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 33.021 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002502.D

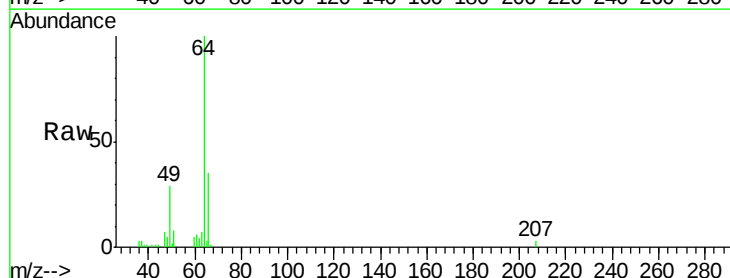
Acq: 29 Apr 2020 12:10

Tgt Ion: 64 Resp: 16208

Ion Ratio Lower Upper

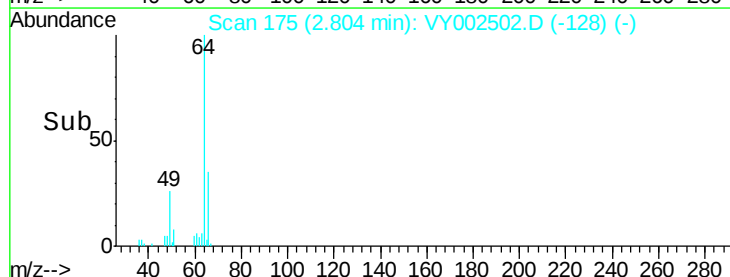
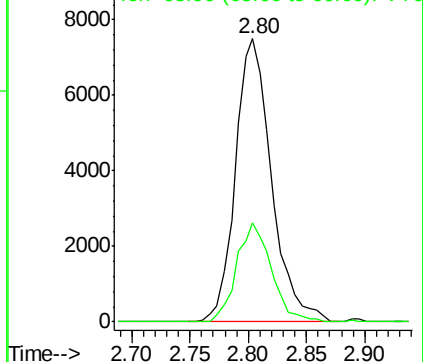
64 100

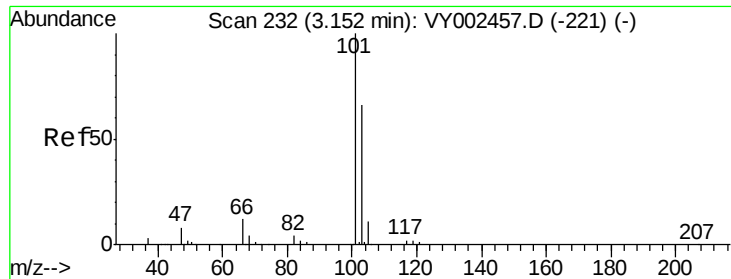
66 35.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



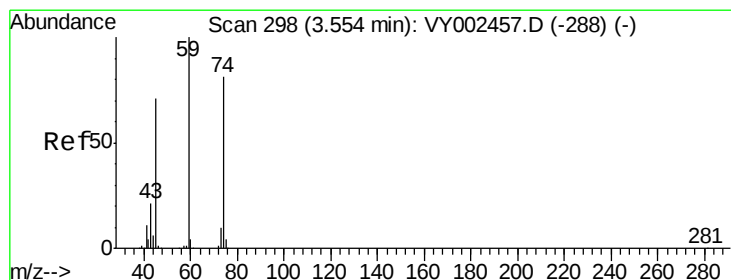
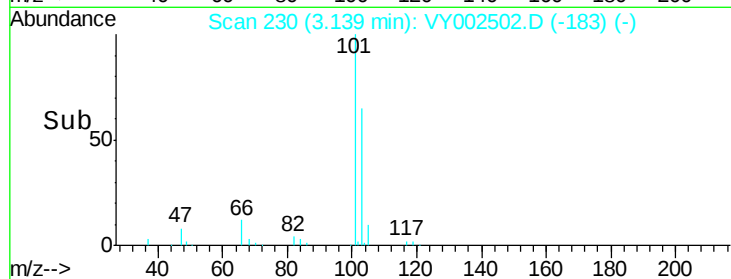
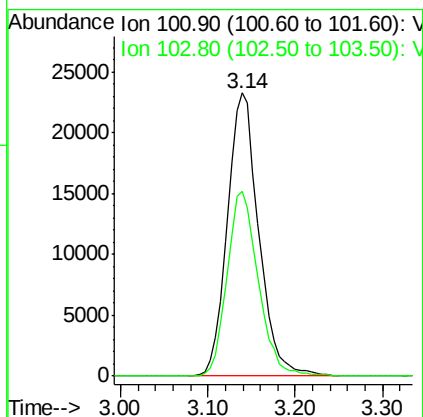
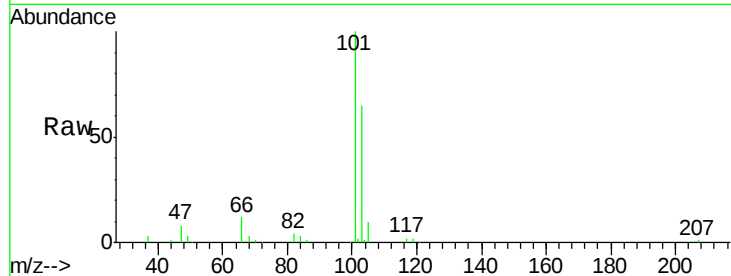


#7

Trichlorofluoromethane
 Concen: 33.207 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

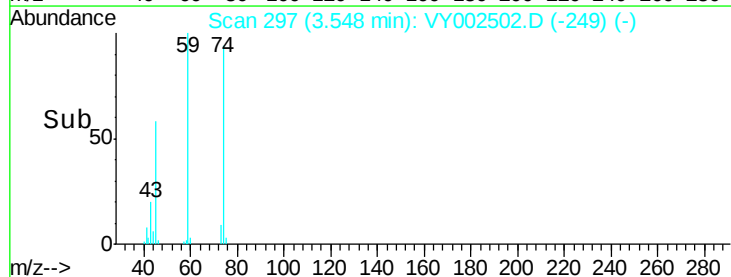
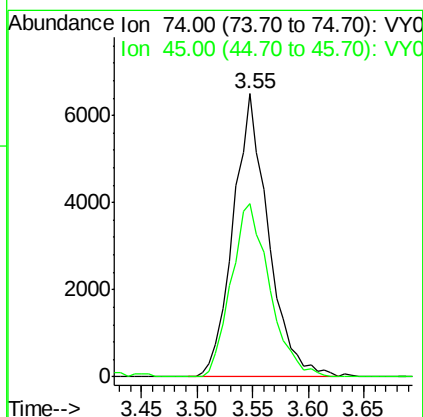
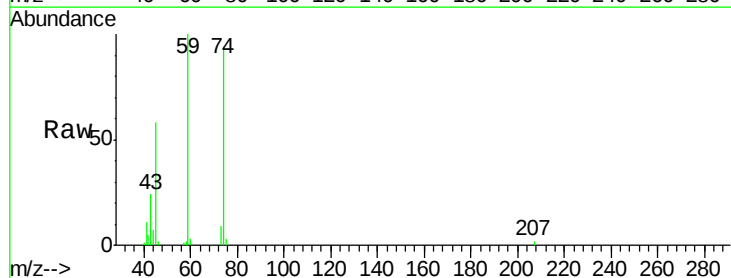
Tot Ion:101 Resp: 58045
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.5 78.7

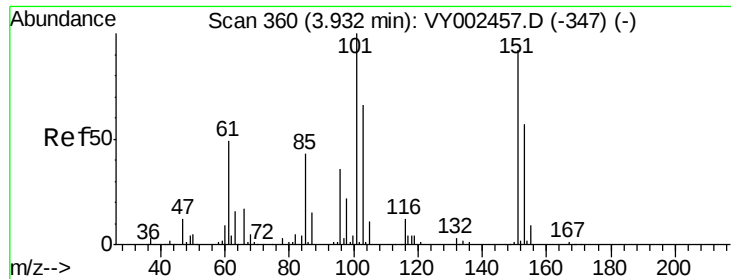


#8

Diethyl Ether
 Concen: 19.819 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion: 74 Resp: 14280
 Ion Ratio Lower Upper
 74 100
 45 66.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.139 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

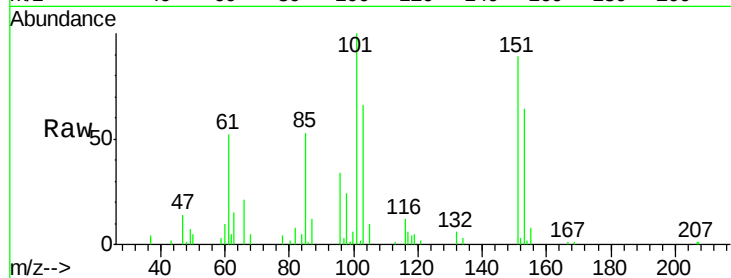
Tot Ion:101 Resp: 24232

Ion Ratio Lower Upper

101 100

85 47.0 34.1 51.1

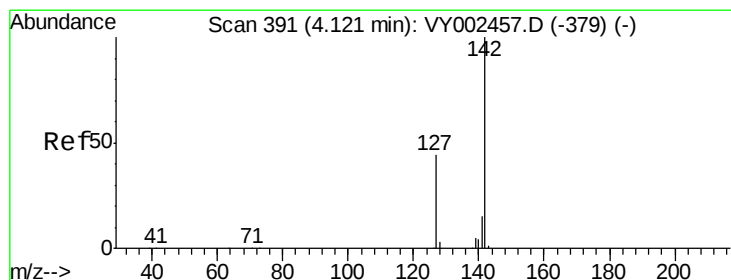
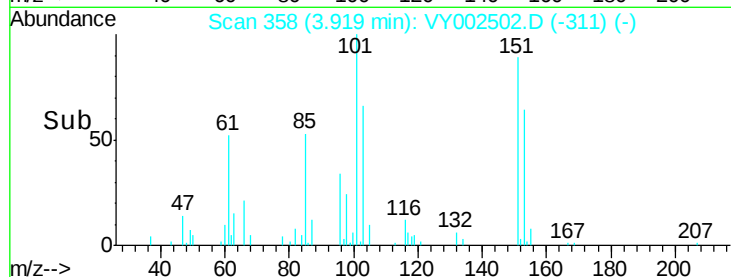
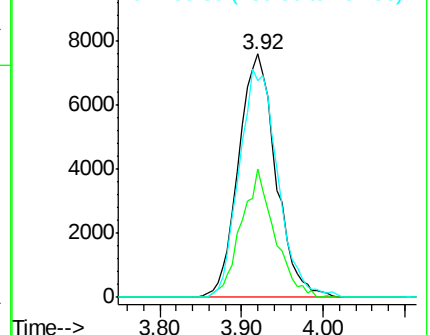
151 96.5 70.3 105.5



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: 19.098 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

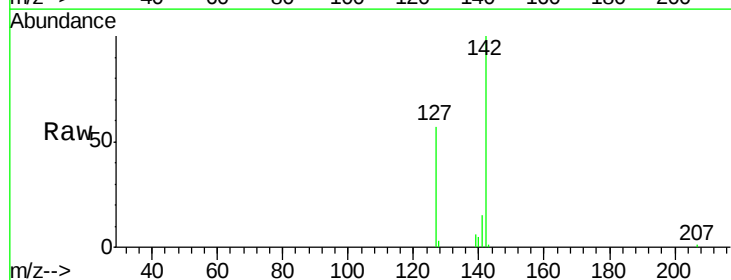
Tgt Ion:142 Resp: 35450

Ion Ratio Lower Upper

142 100

127 57.6 35.8 53.8#

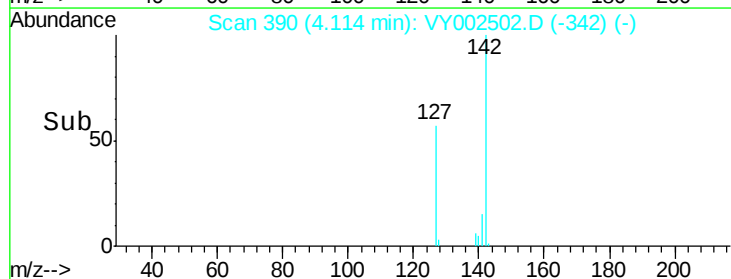
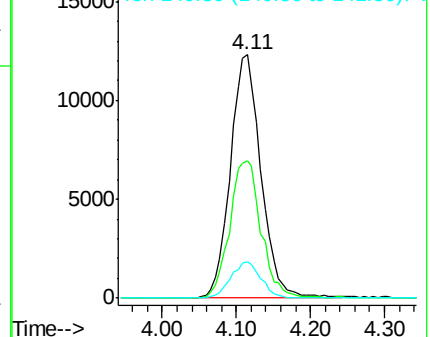
141 14.5 11.6 17.4

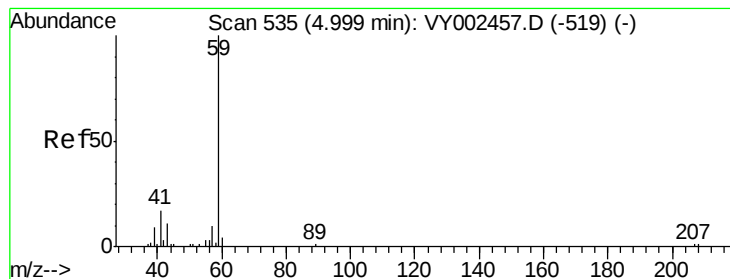


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



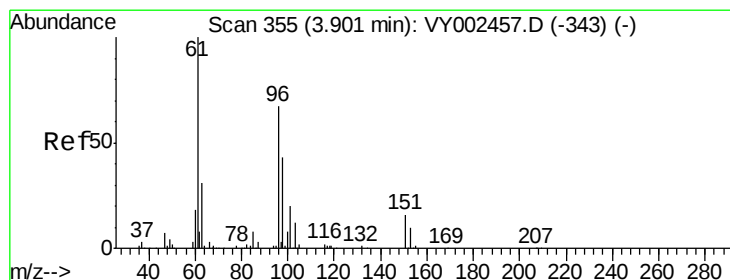
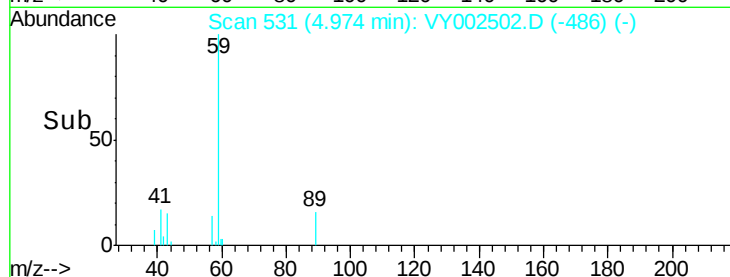
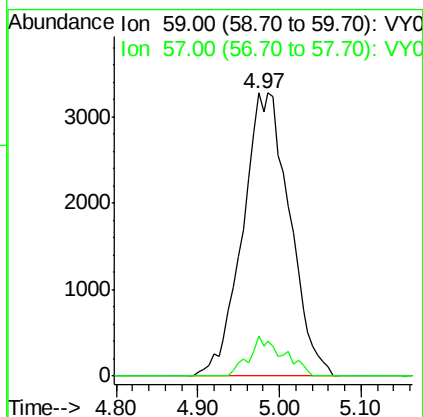
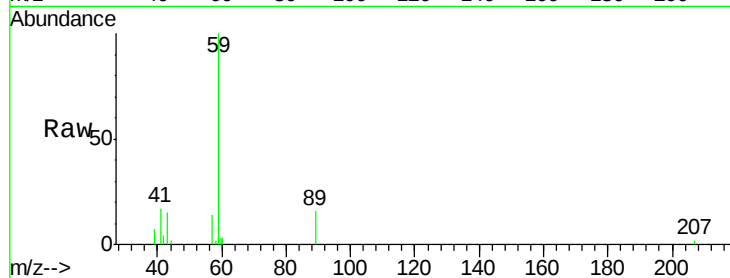


#11

Tert butyl alcohol
 Concen: 110.696 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

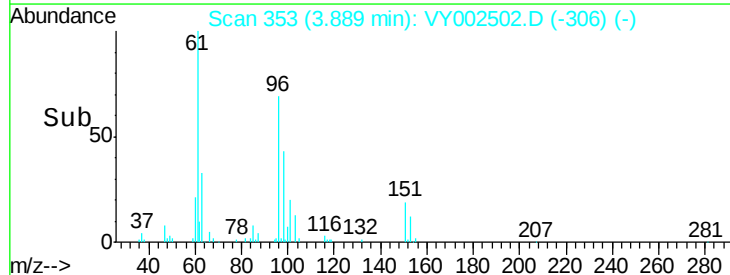
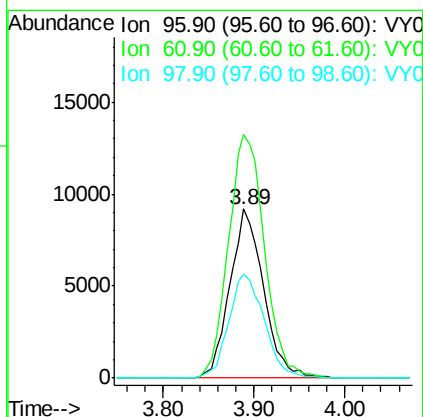
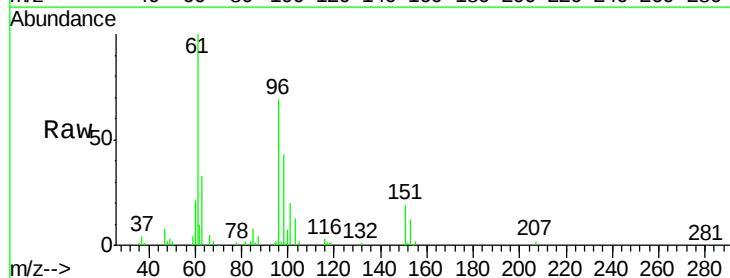
Tot Ion: 59 Resp: 13114
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

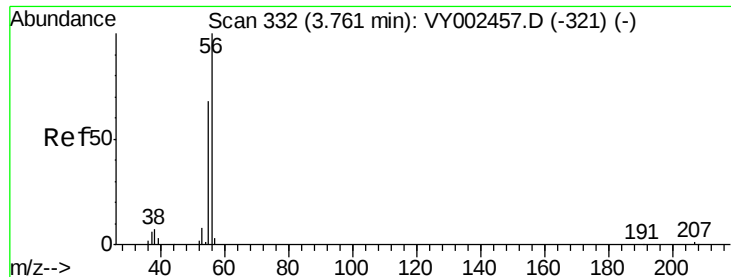


#12

1,1-Dichloroethene
 Concen: 19.182 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion: 96 Resp: 23648
 Ion Ratio Lower Upper
 96 100
 61 144.1 119.0 178.6
 98 61.8 51.4 77.2





#13

Acrolein

Concen: 75.205 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

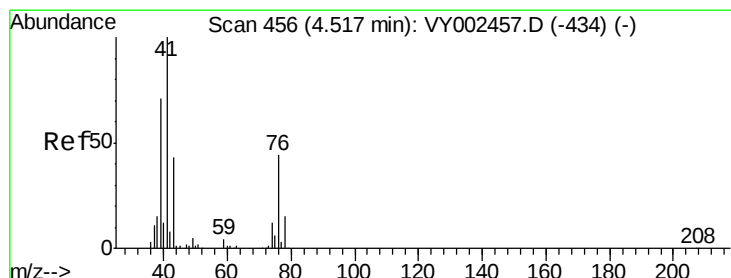
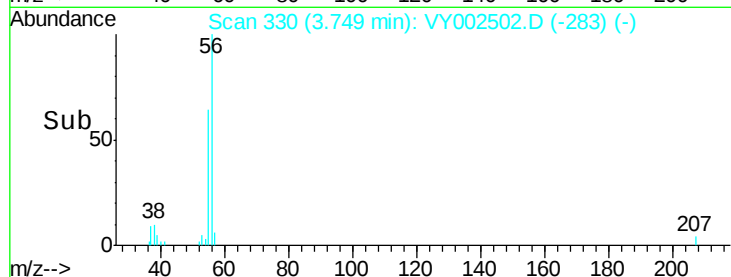
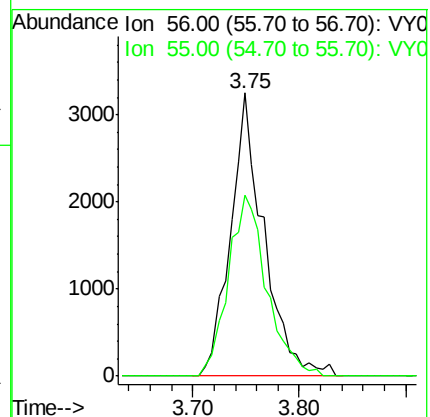
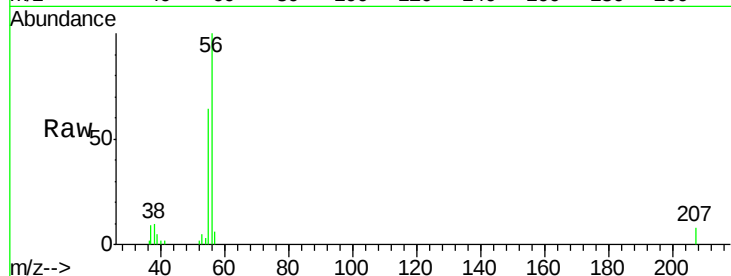
VY0429SBS01

Tot Ion: 56 Resp: 7132

Ion Ratio Lower Upper

56 100

55 73.5 55.8 83.6



#14

Allyl chloride

Concen: 13.679 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

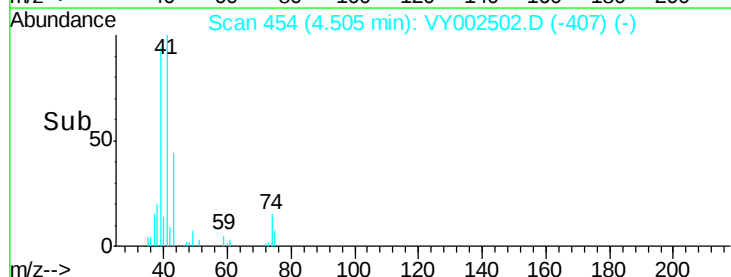
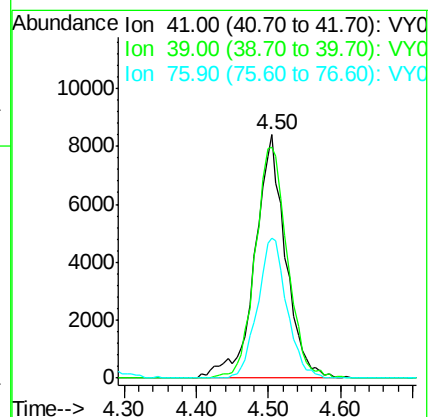
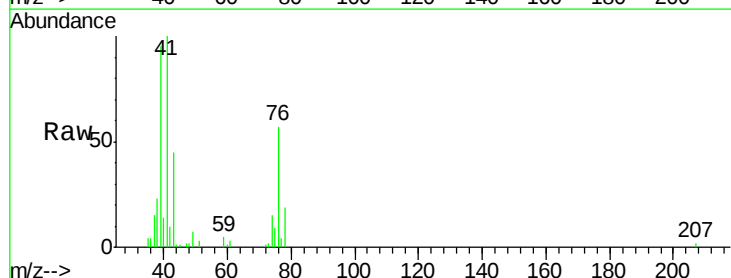
Tgt Ion: 41 Resp: 24783

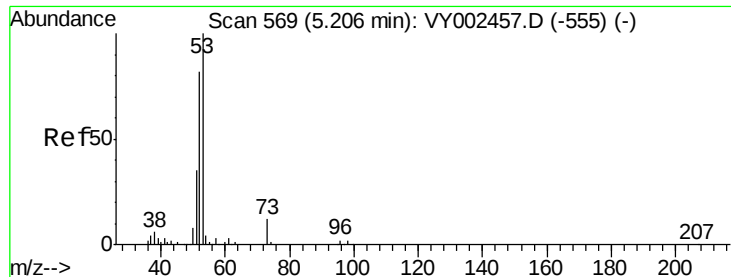
Ion Ratio Lower Upper

41 100

39 99.6 55.1 82.7#

76 54.9 34.3 51.5#





#15

Acrylonitrile

Concen: 76.751 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

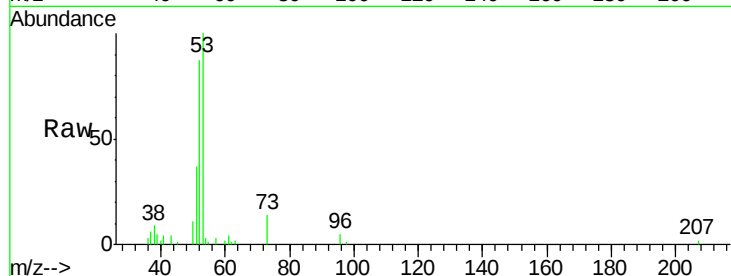
Tot Ion: 53 Resp: 26459

Ion Ratio Lower Upper

53 100

52 86.1 65.4 98.2

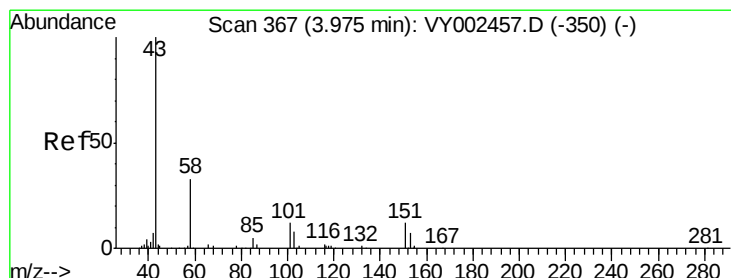
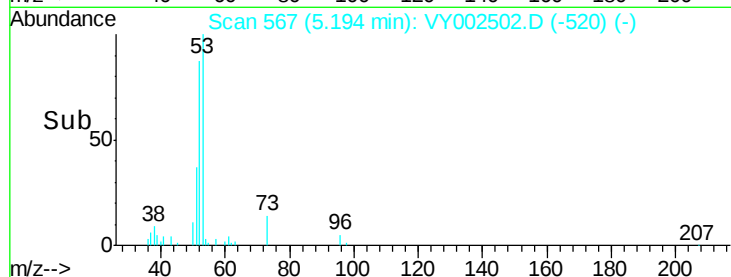
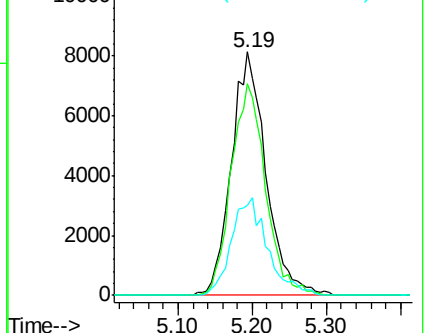
51 41.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 96.458 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002502.D

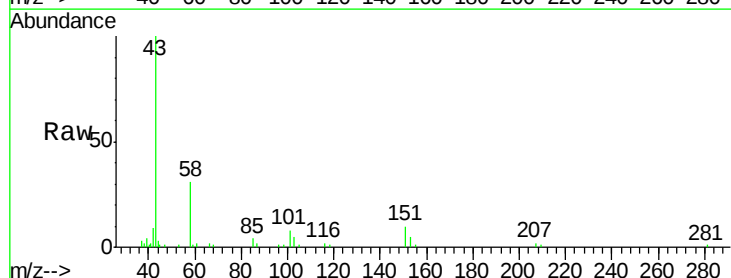
Acq: 29 Apr 2020 12:10

Tgt Ion: 43 Resp: 25373

Ion Ratio Lower Upper

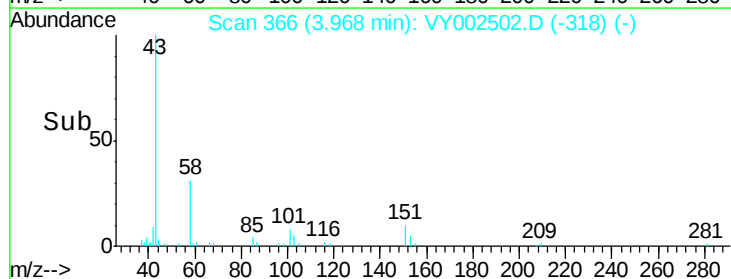
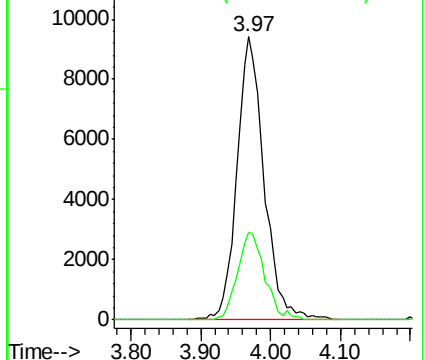
43 100

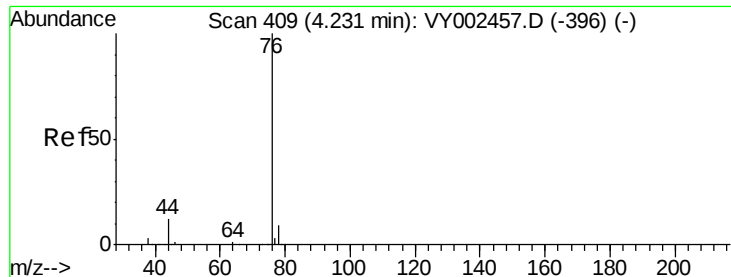
58 30.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

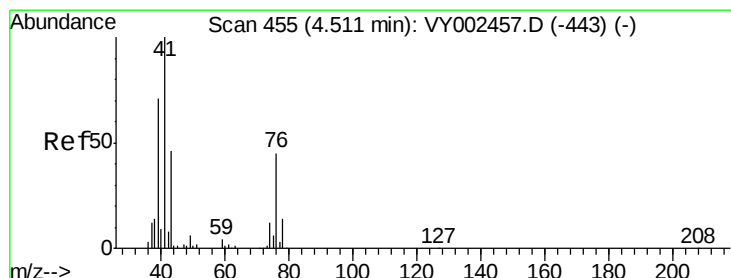
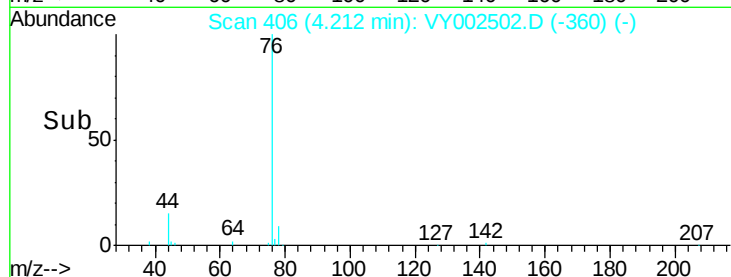
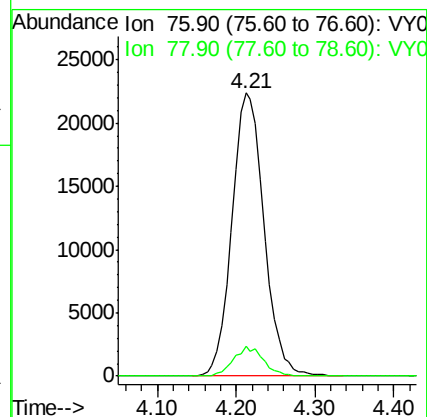
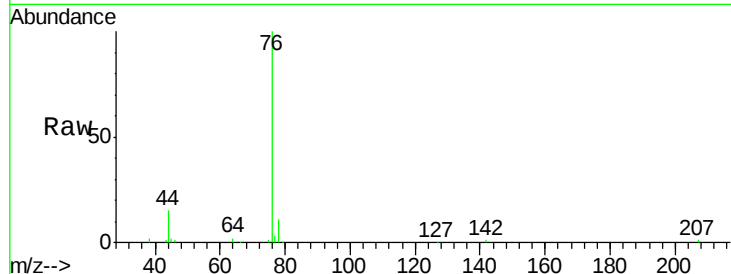




#17
Carbon Disulfide
Concen: 16.438 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

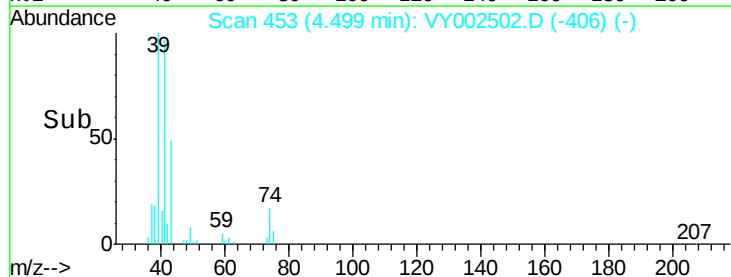
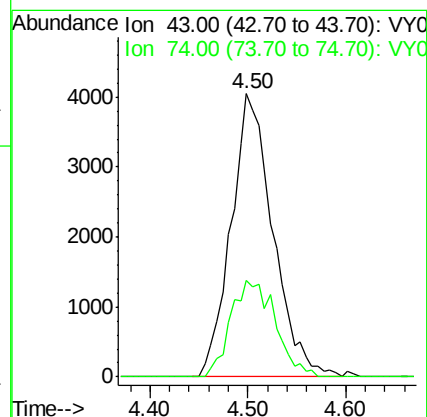
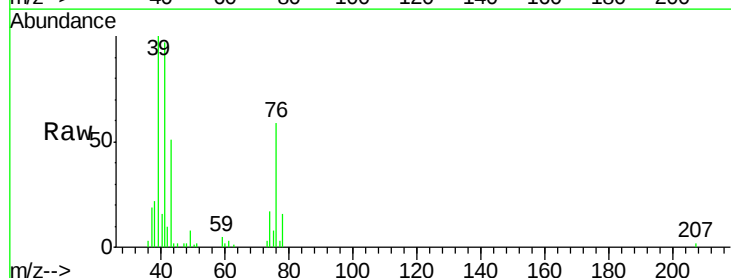
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

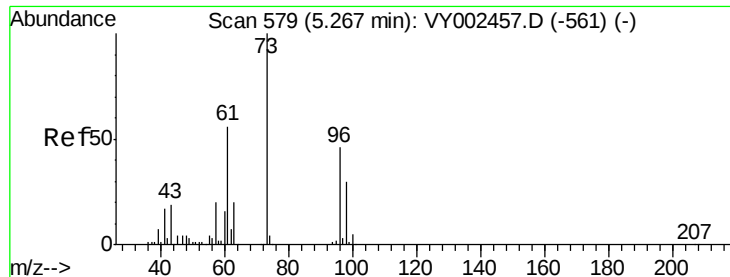
Tot Ion: 76 Resp: 63189
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#18
Methyl Acetate
Concen: 14.198 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 43 Resp: 12018
Ion Ratio Lower Upper
43 100
74 35.9 22.0 33.0#

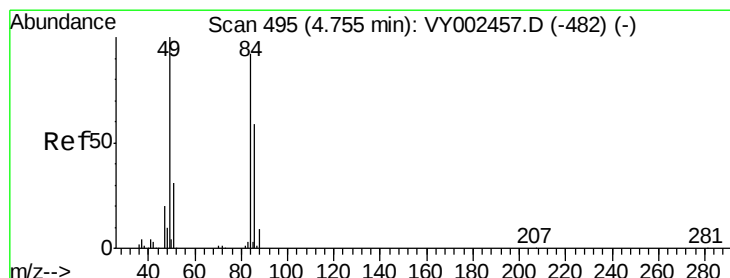
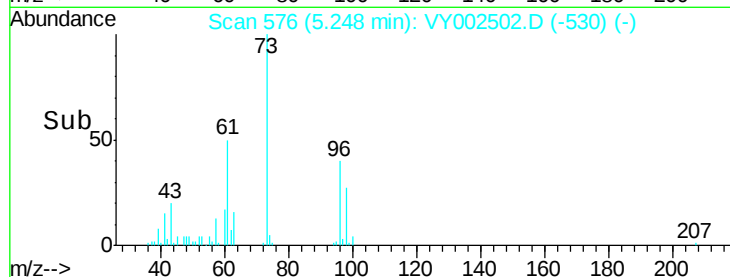
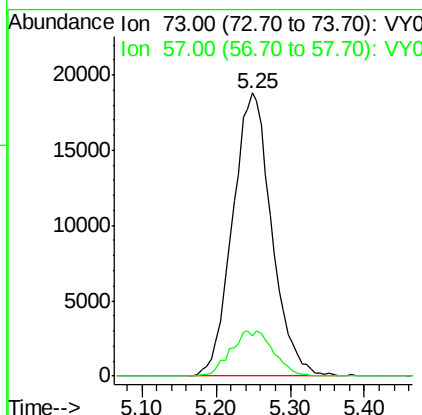
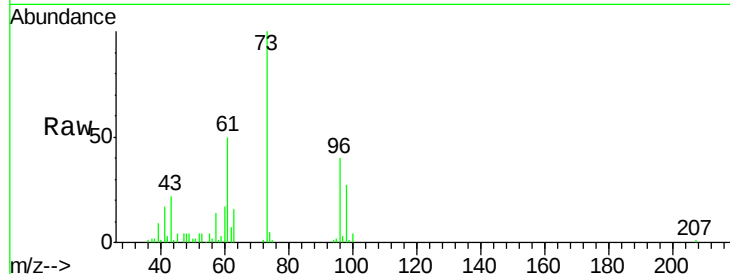




#19
Methyl tert-butyl Ether
Concen: 20.778 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

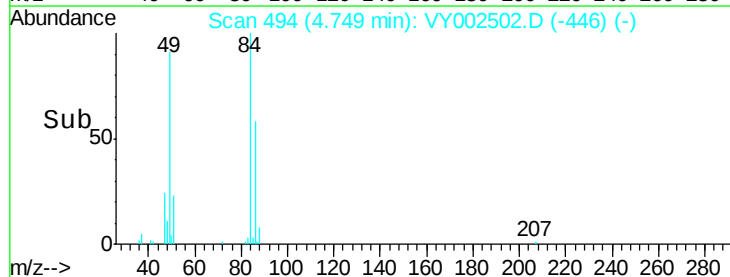
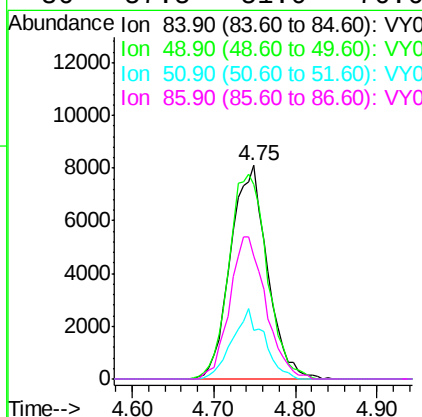
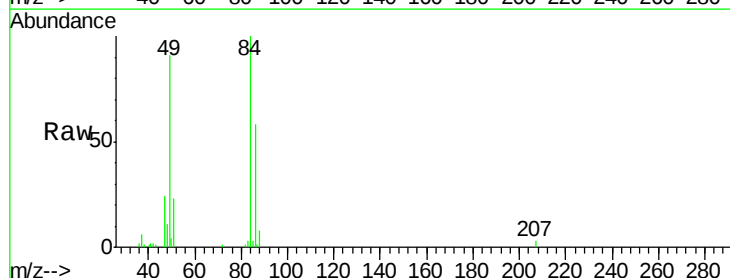
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

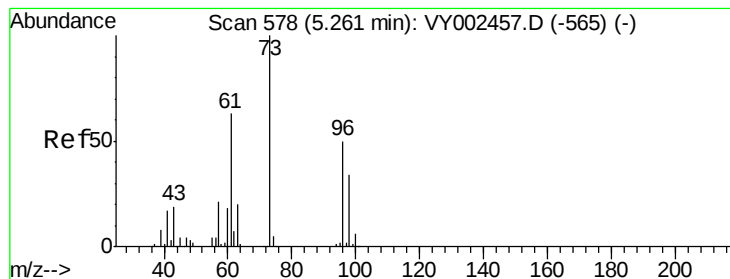
Tot Ion: 73 Resp: 69121
Ion Ratio Lower Upper
73 100
57 14.4 16.0 24.0#



#20
Methylene Chloride
Concen: 16.829 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 84 Resp: 25275
Ion Ratio Lower Upper
84 100
49 90.9 86.9 130.3
51 23.0 27.3 40.9#
86 57.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.927 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

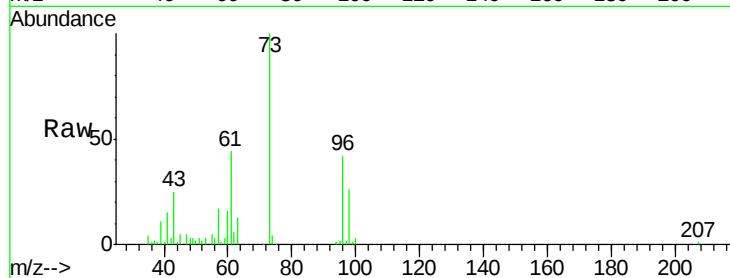
Tot Ion: 96 Resp: 24882

Ion Ratio Lower Upper

96 100

61 104.6 101.4 152.0

98 60.3 53.6 80.4

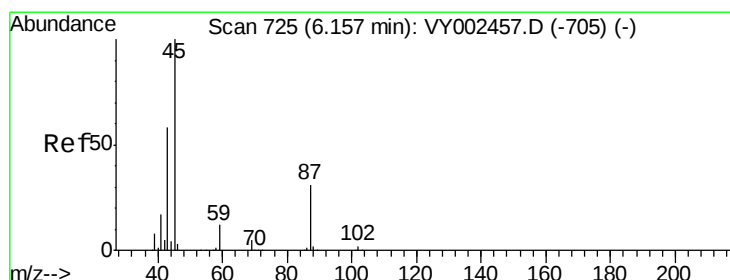
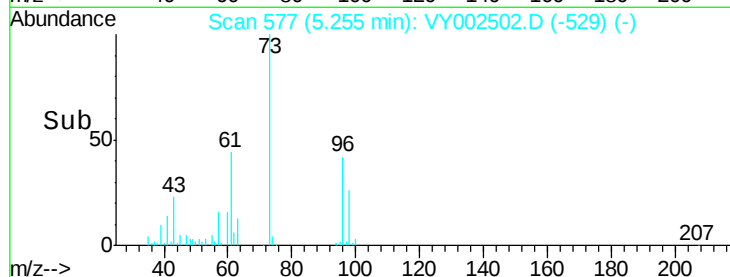
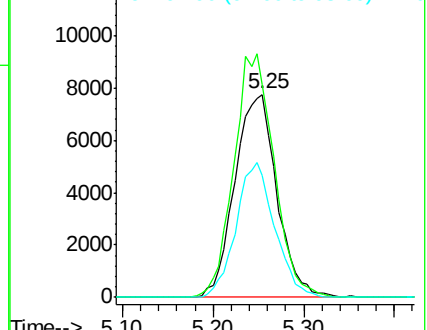


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 13.457 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Tgt Ion: 45 Resp: 48203

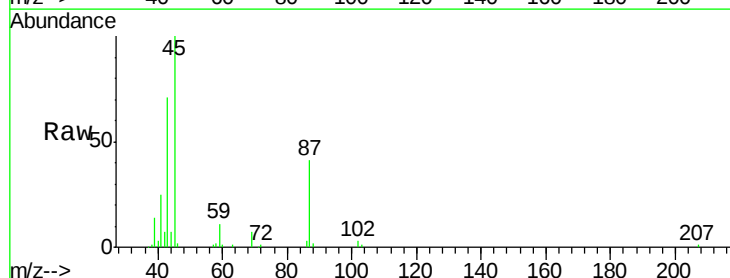
Ion Ratio Lower Upper

45 100

43 70.6 47.1 70.7

87 41.3 25.0 37.6#

59 11.3 9.7 14.5



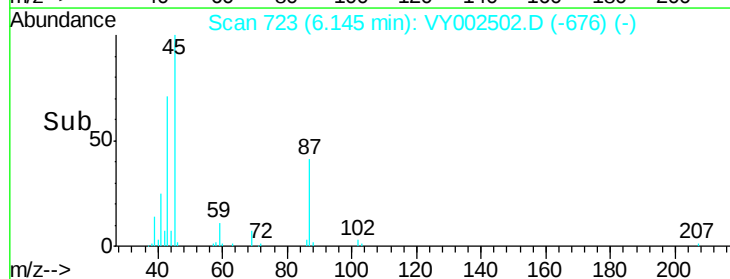
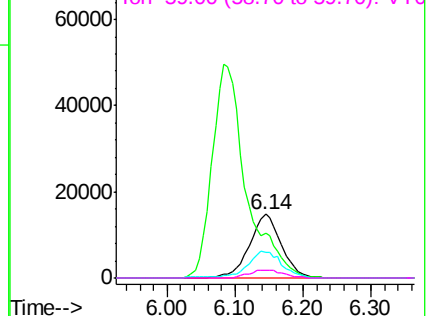
Abundance

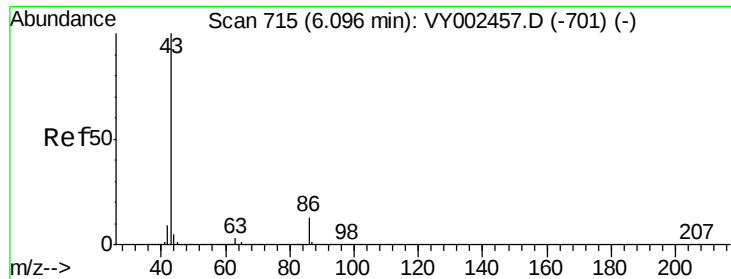
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 75.647 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

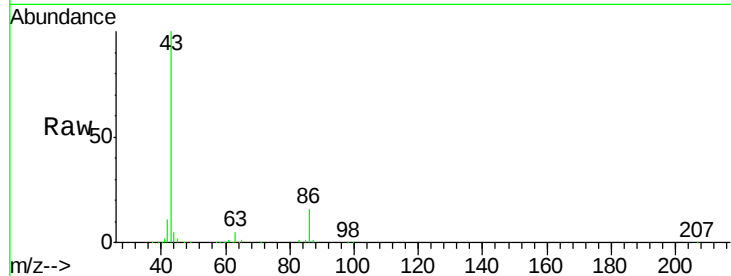
VY0429SBS01

Tot Ion: 43 Resp: 172187

Ion Ratio Lower Upper

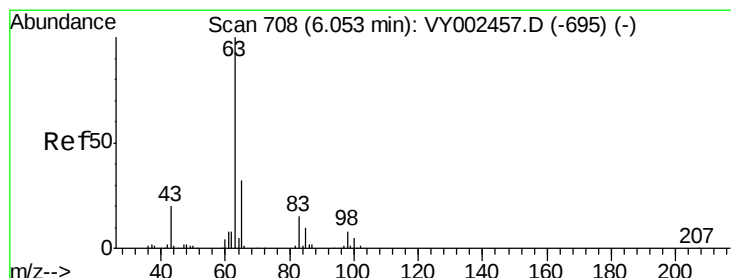
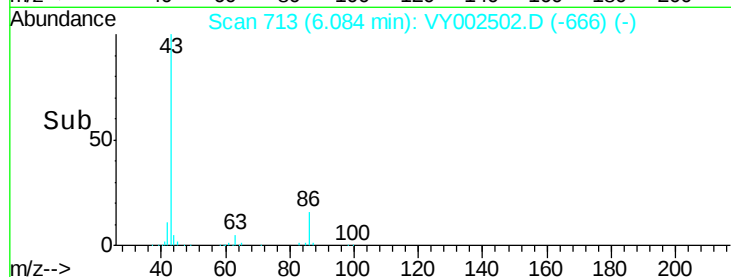
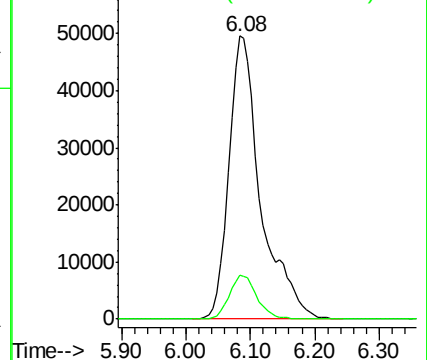
43 100

86 15.6 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 16.260 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

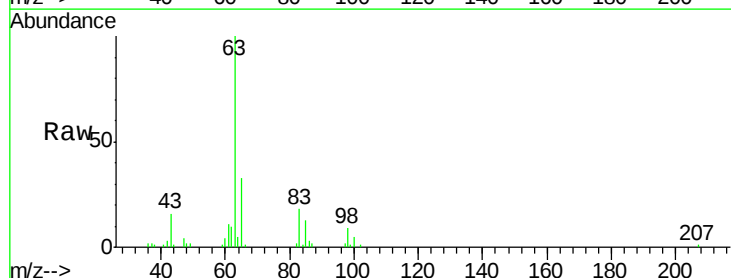
Tgt Ion: 63 Resp: 35264

Ion Ratio Lower Upper

63 100

98 8.6 4.1 12.3

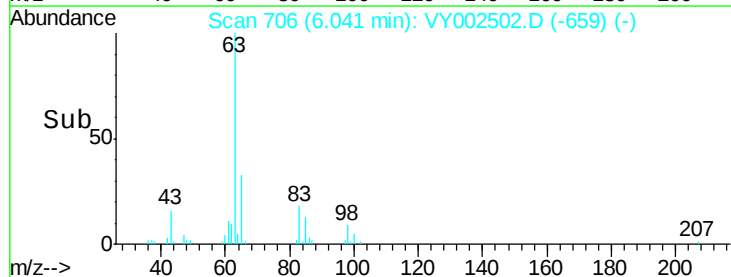
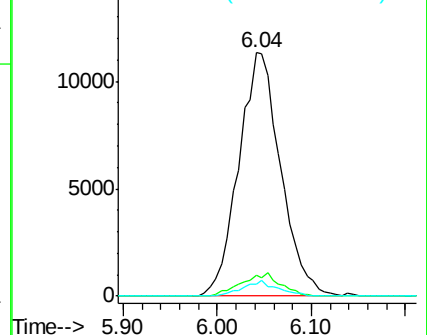
100 4.8 2.5 7.4

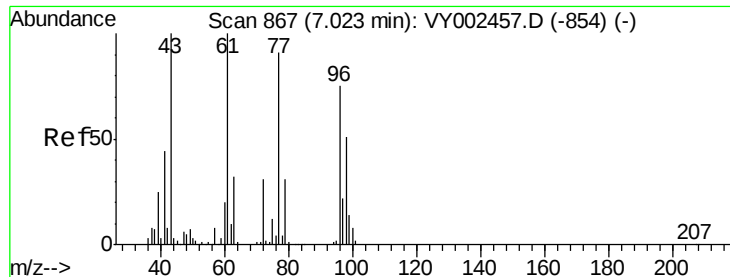


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 75.292 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

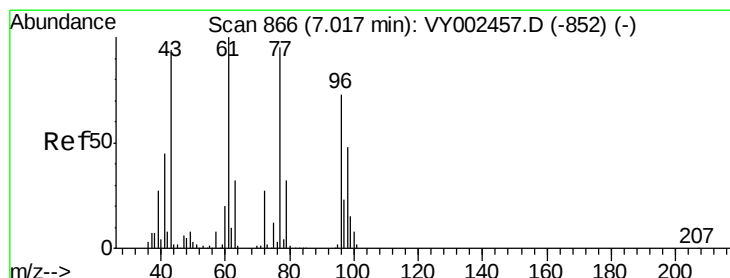
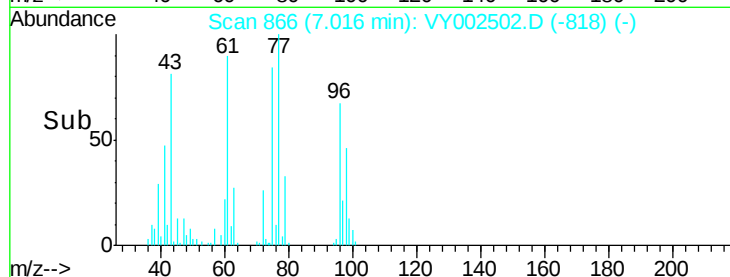
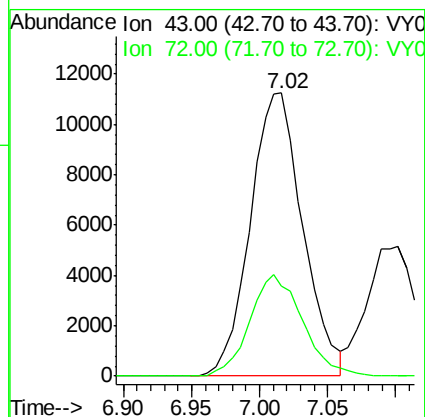
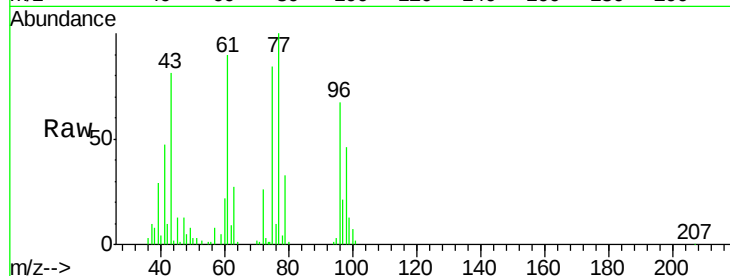
VY0429SBS01

Tot Ion: 43 Resp: 30342

Ion Ratio Lower Upper

43 100

72 31.6 24.8 37.2



#26

2,2-Dichloropropane

Concen: 22.917 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002502.D

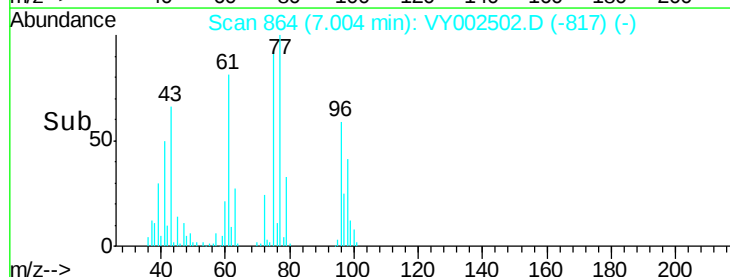
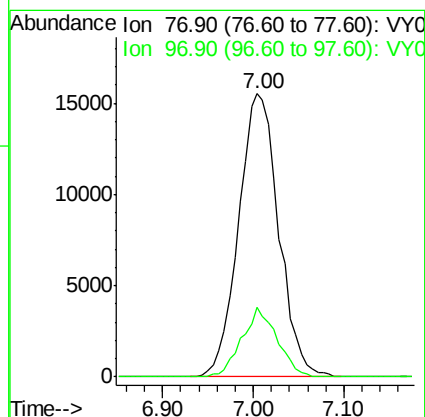
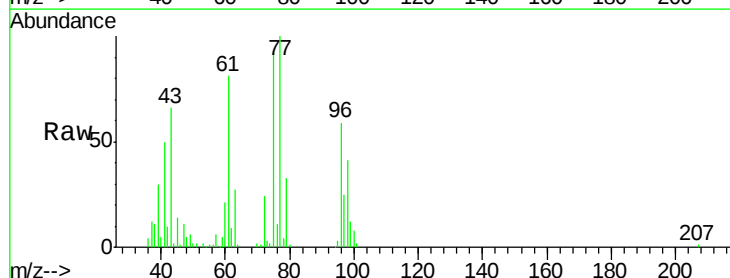
Acq: 29 Apr 2020 12:10

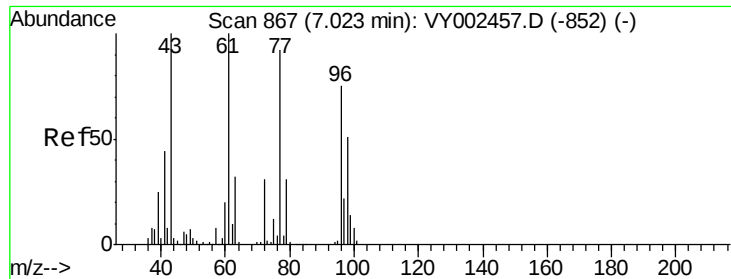
Tgt Ion: 77 Resp: 47533

Ion Ratio Lower Upper

77 100

97 21.6 12.0 36.0

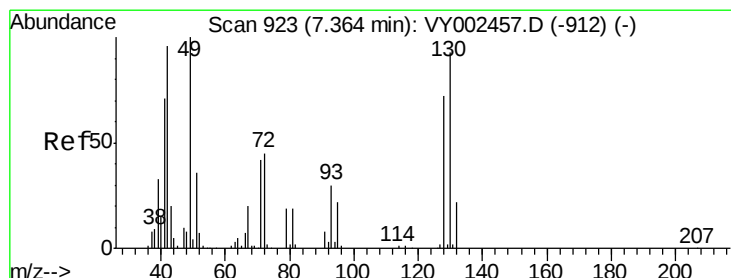
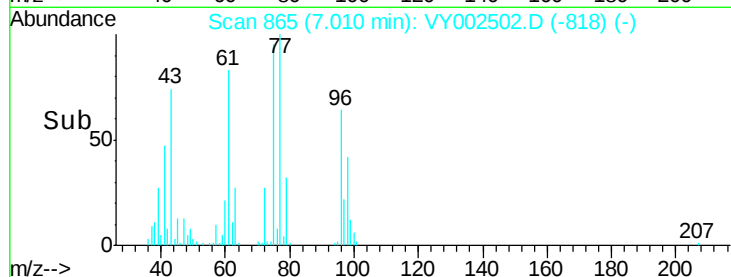
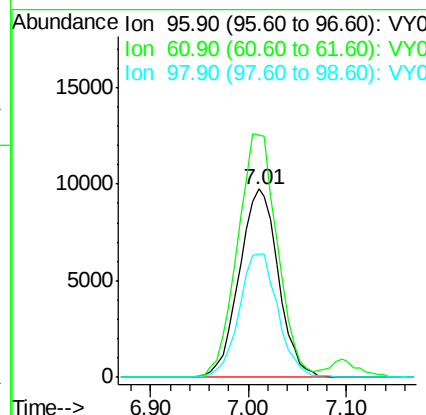
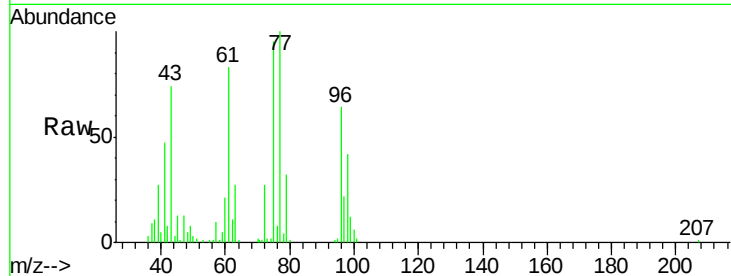




#27
 cis-1,2-Dichloroethene
 Concen: 17.824 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

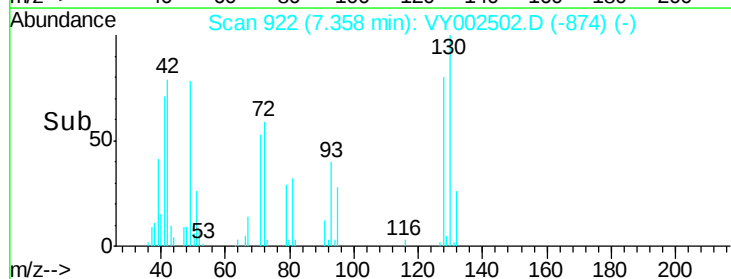
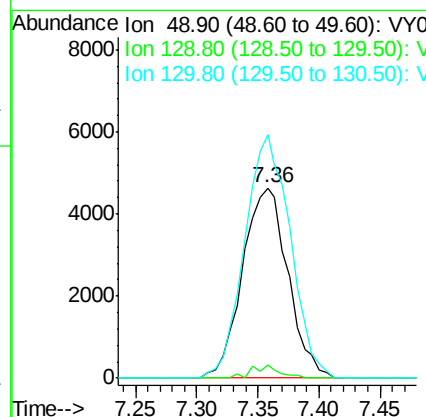
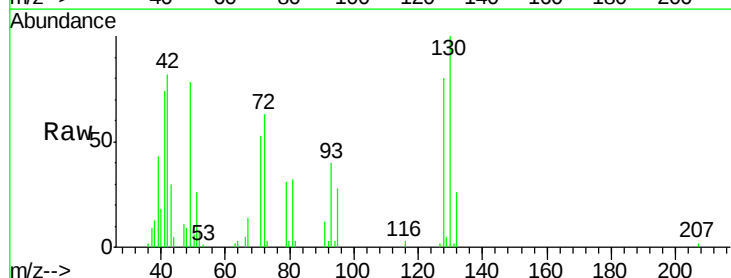
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

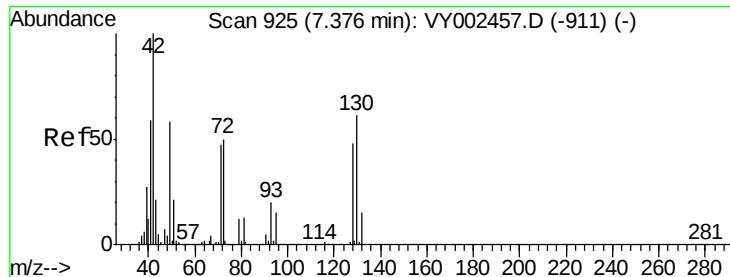
Tot Ion: 96 Resp: 26908
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 262.6
 98 65.6 0.0 131.0



#28
 Bromochloromethane
 Concen: 14.137 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion: 49 Resp: 11961
 Ion Ratio Lower Upper
 49 100
 129 3.9 0.0 5.6
 130 128.2 76.3 114.5#

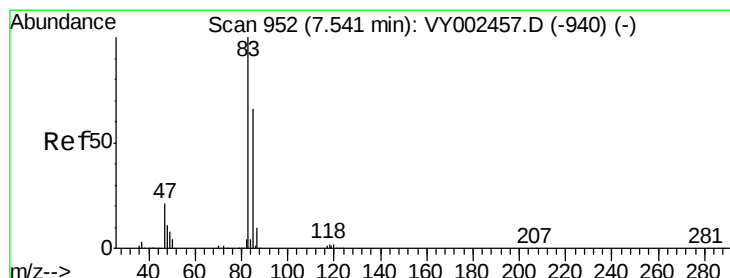
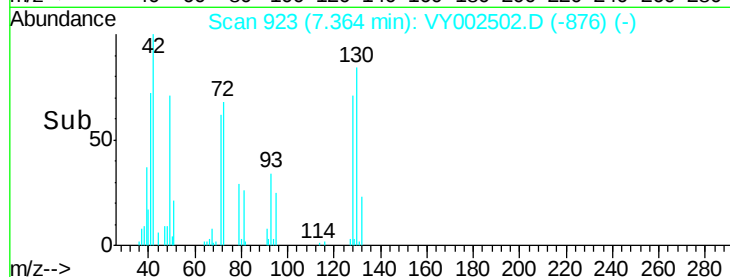
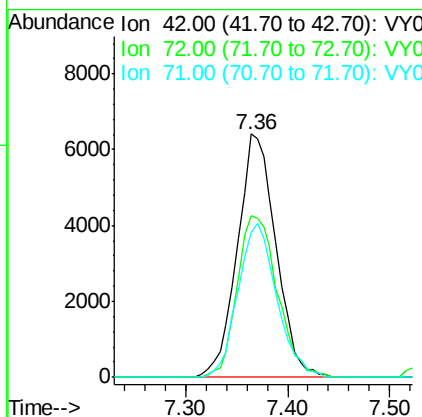
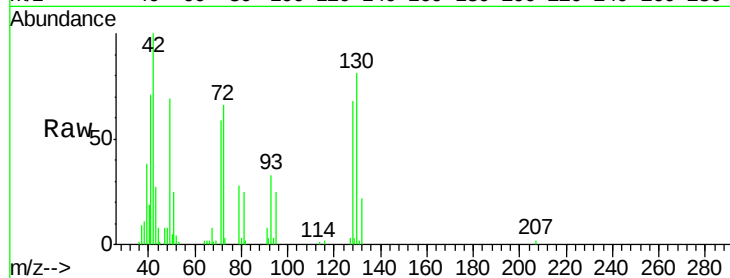




#29
Tetrahydrofuran
Concen: 62.972 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

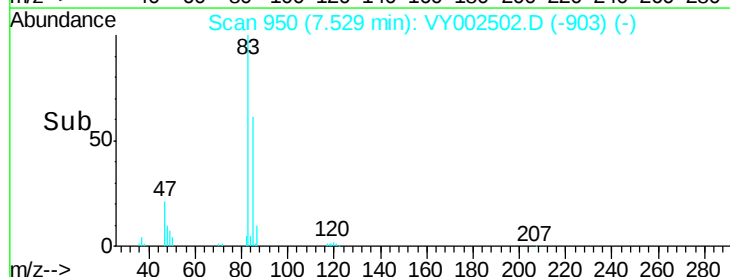
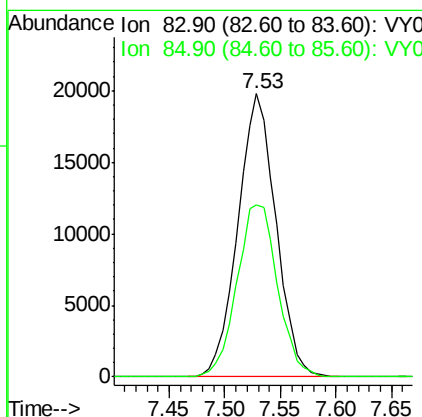
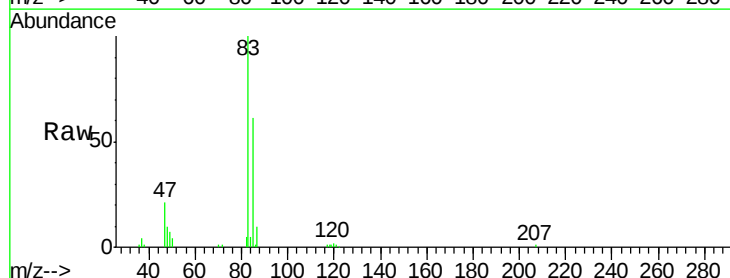
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

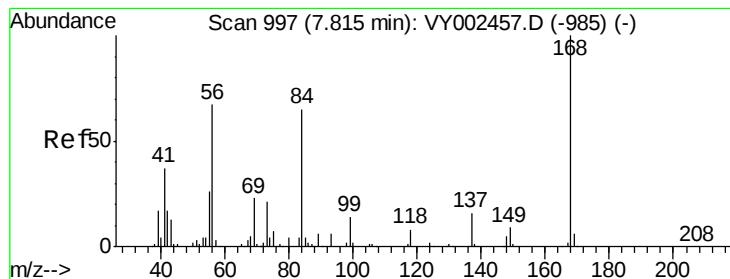
Tot Ion	Ratio	Lower	Upper
42	100		
72	69.3	39.5	59.3#
71	63.4	37.6	56.4#



#30
Chloroform
Concen: 20.303 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.4	78.6





#31

Cyclohexane

Concen: 13.855 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

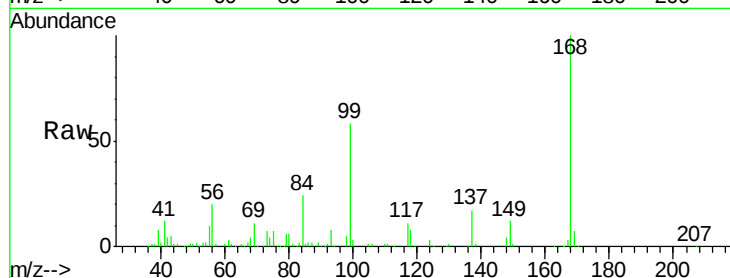
Tot Ion: 56 Resp: 30046

Ion Ratio Lower Upper

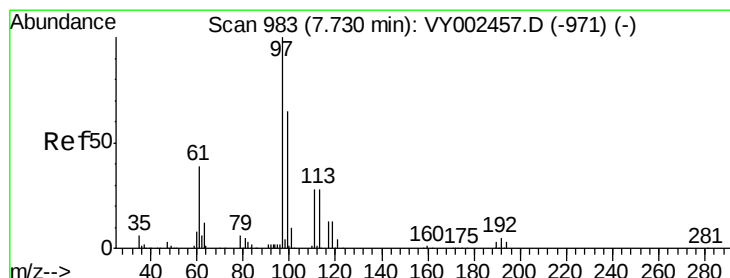
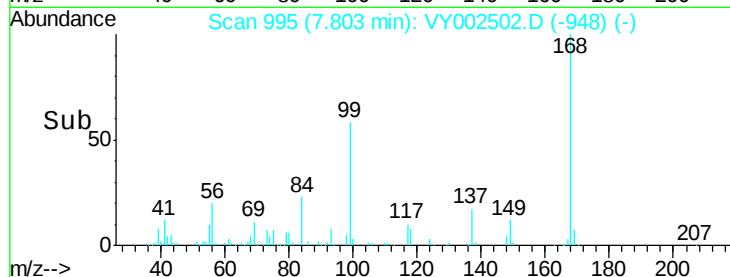
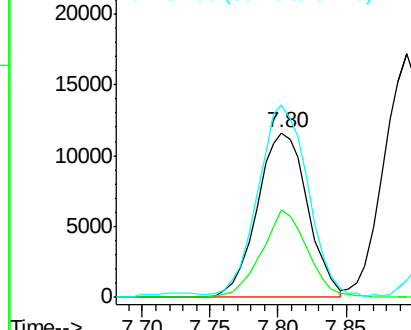
56 100

69 52.9 27.0 40.6#

84 114.5 77.4 116.2



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: 24.493 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

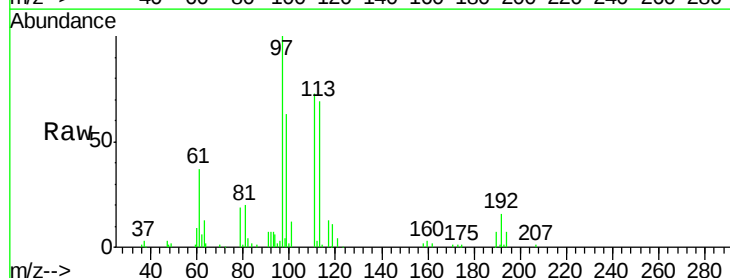
Tgt Ion: 97 Resp: 53443

Ion Ratio Lower Upper

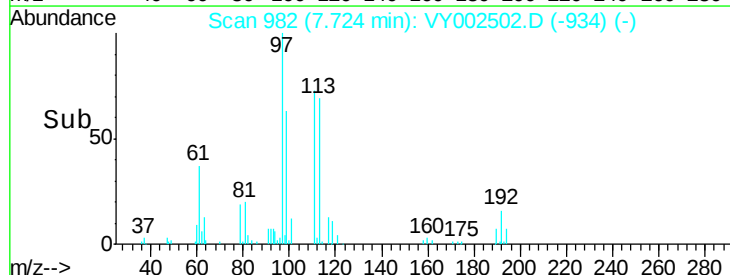
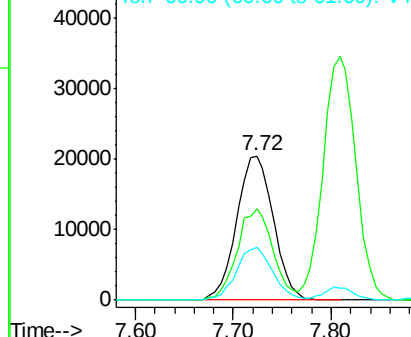
97 100

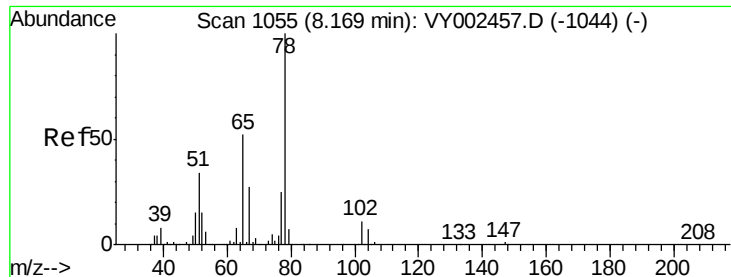
99 61.7 51.6 77.4

61 35.8 30.6 45.8



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





#33

1,2-Dichloroethane-d4

Concen: 56.010 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

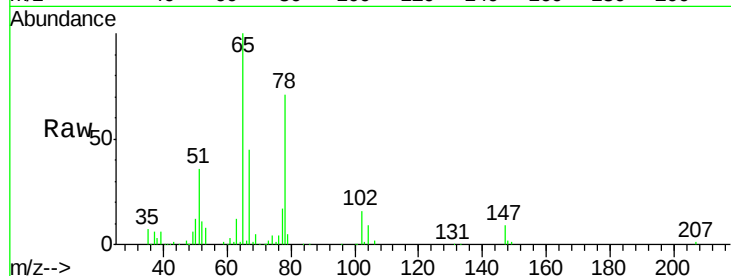
VY0429SBS01

Tot Ion: 65 Resp: 70500

Ion Ratio Lower Upper

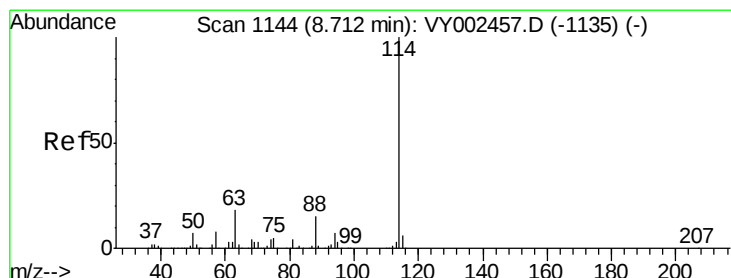
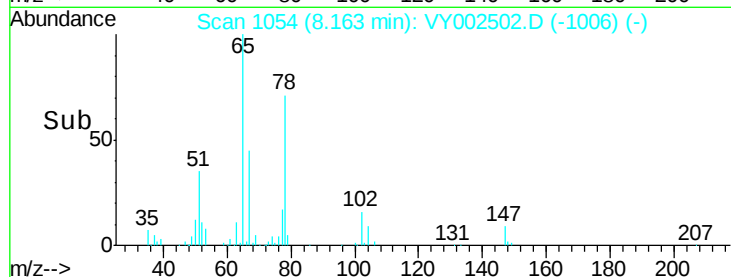
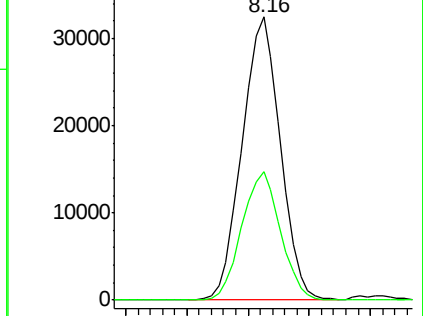
65 100

67 45.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

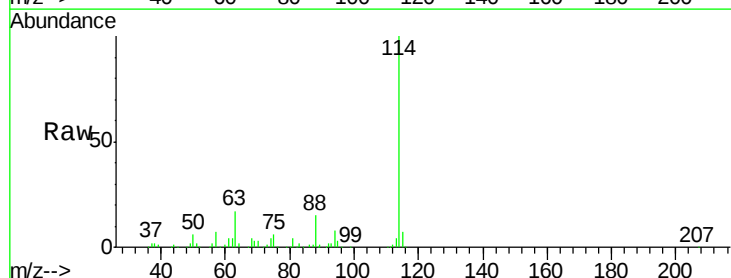
Tgt Ion: 114 Resp: 190771

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.6

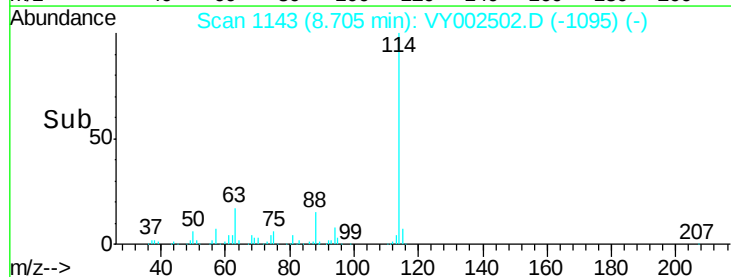
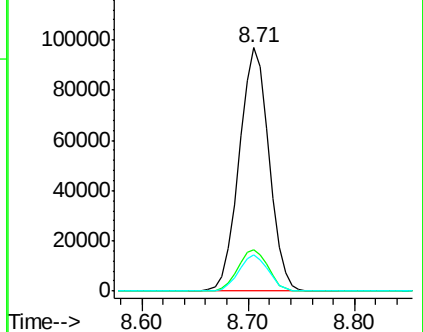
88 14.7 0.0 29.4

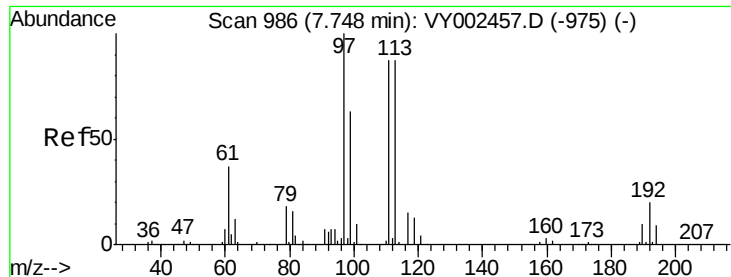


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

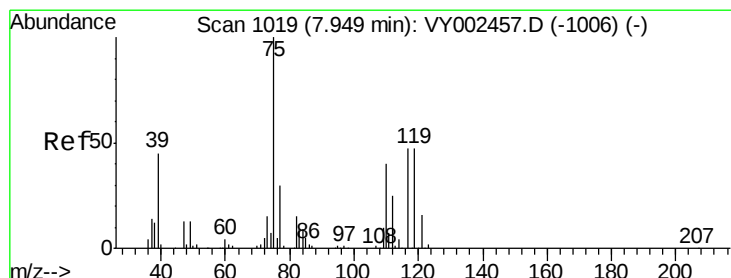
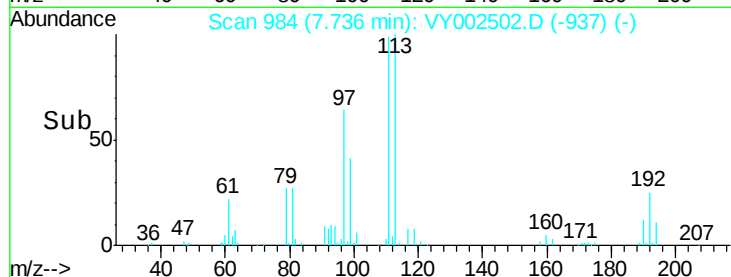
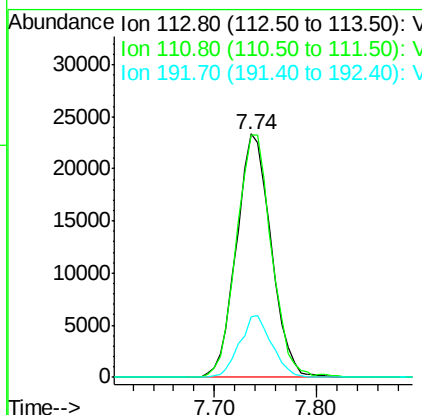
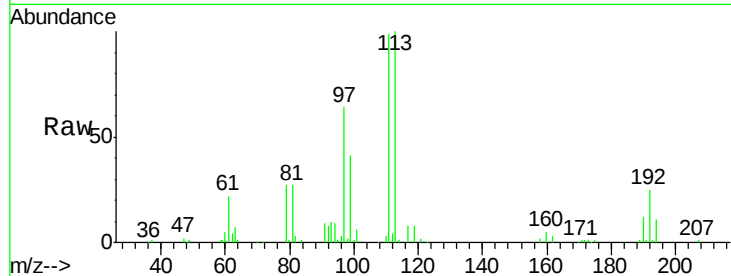




#35
 Dibromofluoromethane
 Concen: 51.131 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

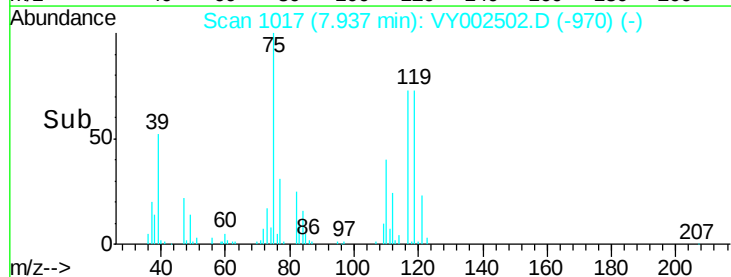
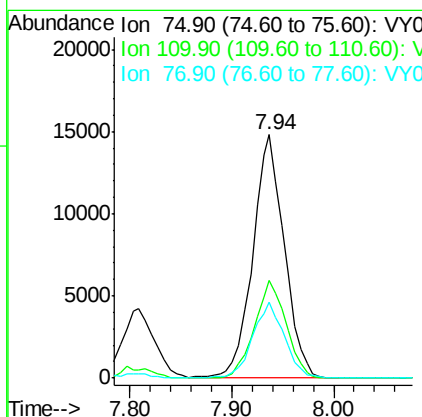
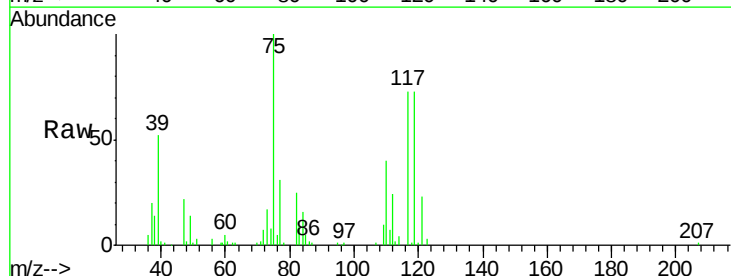
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

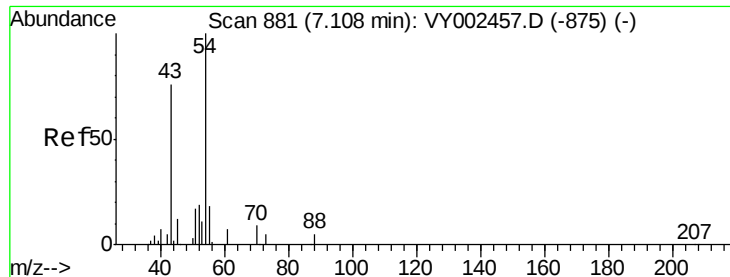
Tot Ion:113 Resp: 55019
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.4
 192 23.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 19.501 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion: 75 Resp: 31900
 Ion Ratio Lower Upper
 75 100
 110 40.0 19.4 58.4
 77 31.2 24.7 37.1

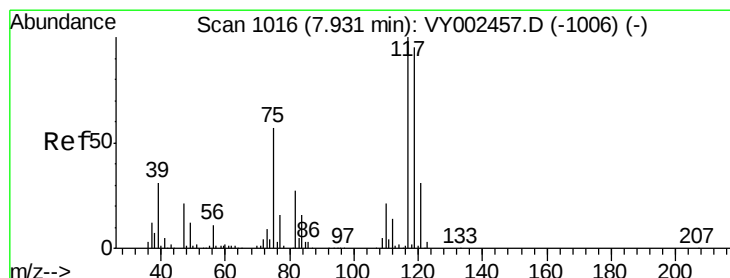
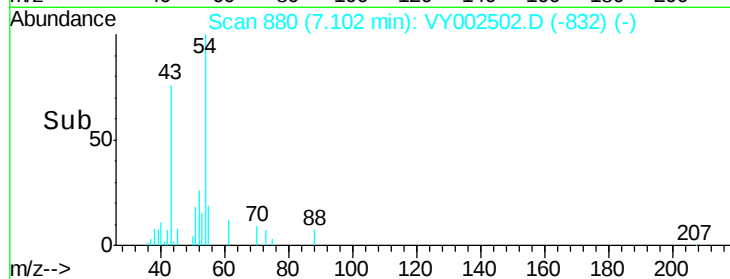
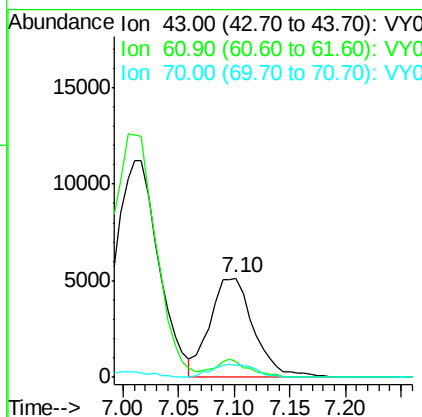
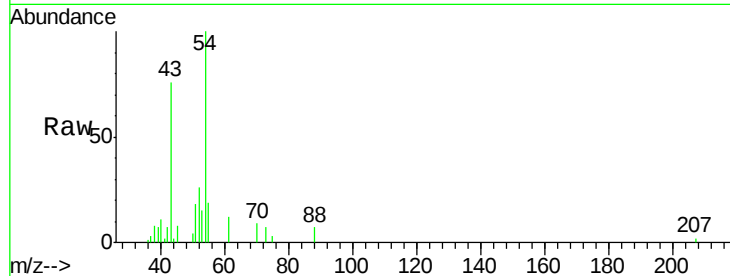




#37
Ethyl Acetate
Concen: 17.118 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

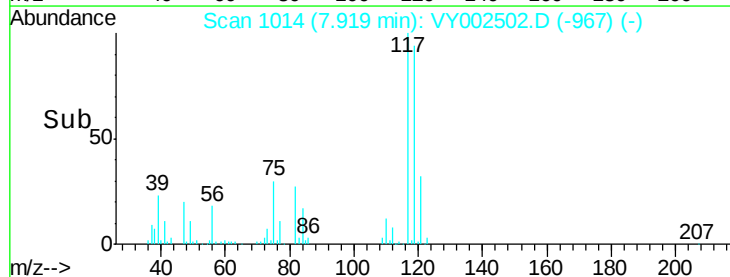
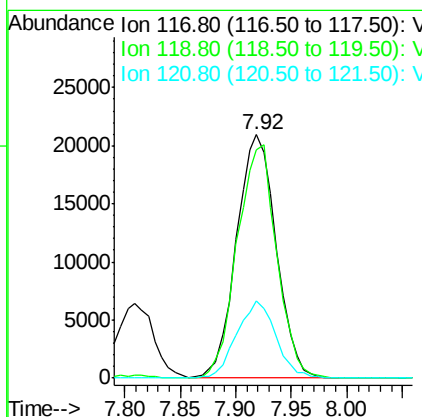
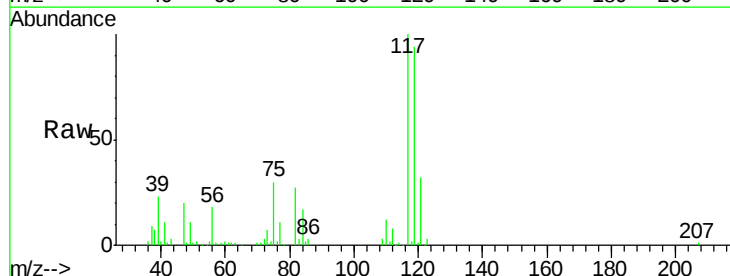
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

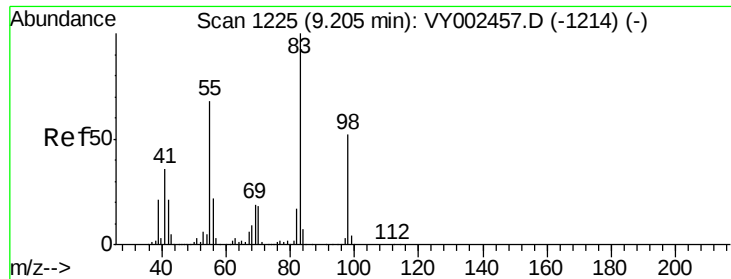
Tot Ion: 43 Resp: 14067
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.8
70 13.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 27.571 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 117 Resp: 51862
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9
121 31.8 24.5 36.7

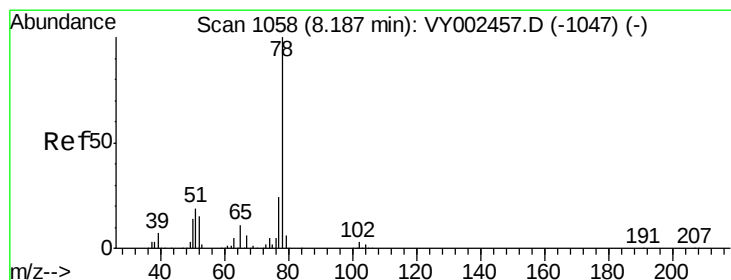
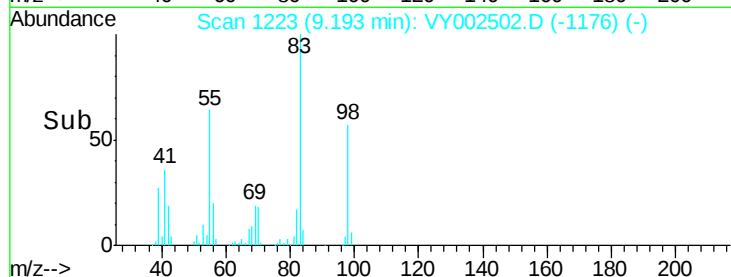
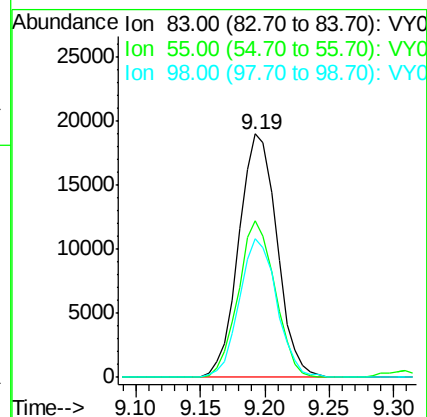
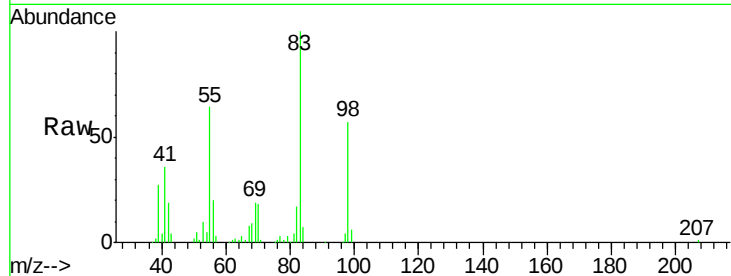




#39
Methvlcvclohexane
Concen: 18.296 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

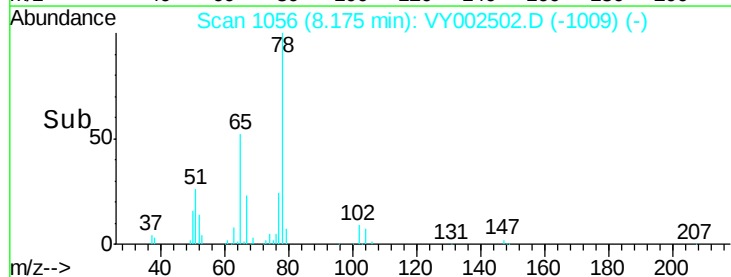
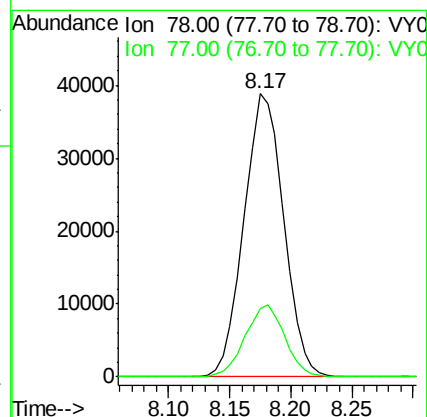
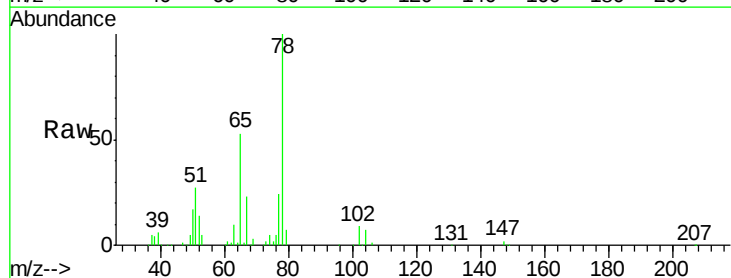
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

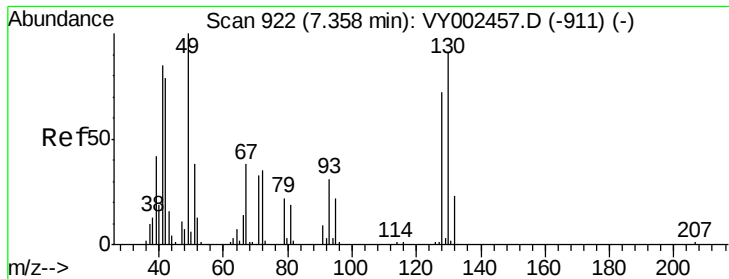
Tot Ion: 83 Resp: 39040
Ion Ratio Lower Upper
83 100
55 64.2 54.2 81.2
98 57.0 41.9 62.9



#40
Benzene
Concen: 18.579 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 78 Resp: 87839
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 18.477 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

Tot Ion: 41 Resp: 9355

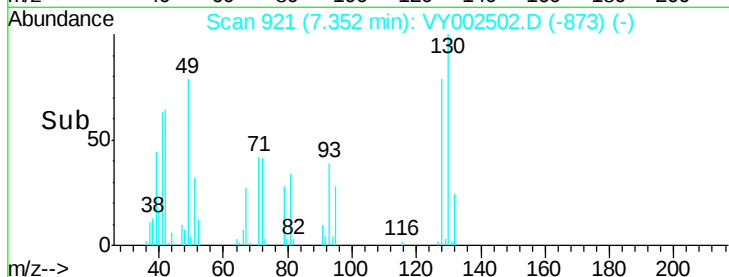
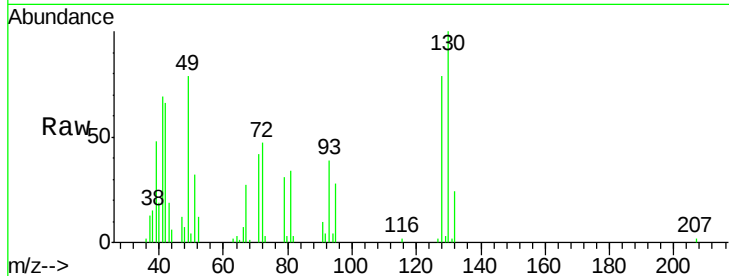
Ion Ratio Lower Upper

41 100

39 128.6 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

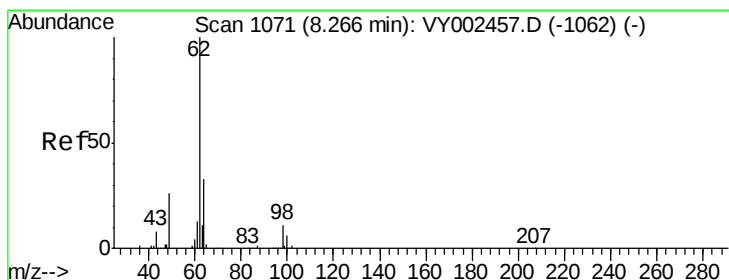
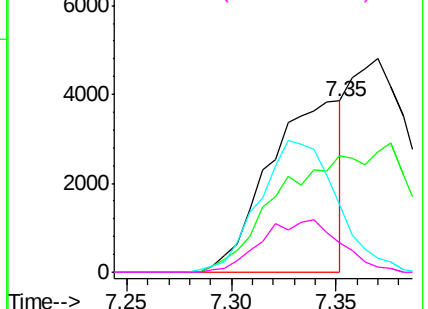


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 25.880 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002502.D

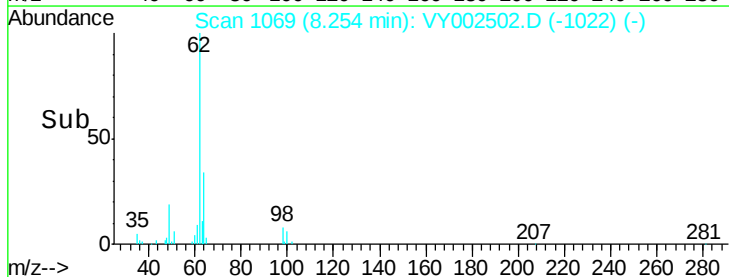
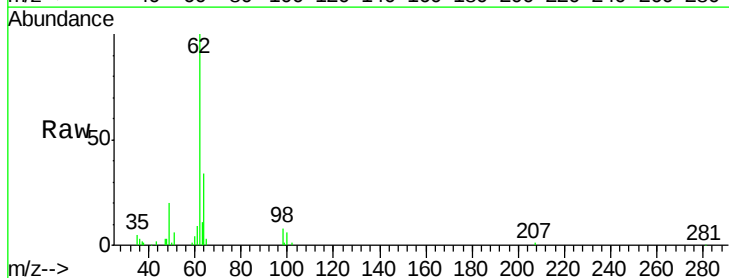
Acq: 29 Apr 2020 12:10

Tgt Ion: 62 Resp: 35544

Ion Ratio Lower Upper

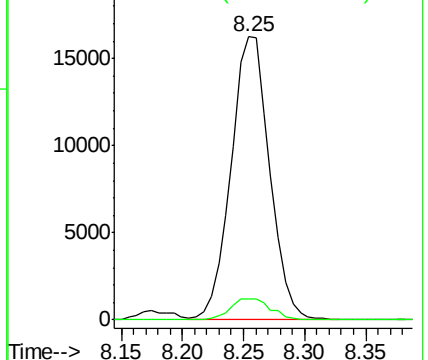
62 100

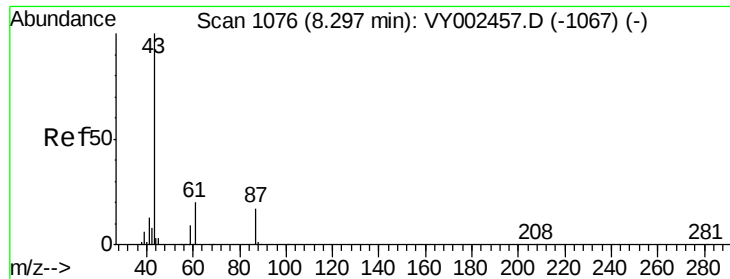
98 7.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 16.962 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

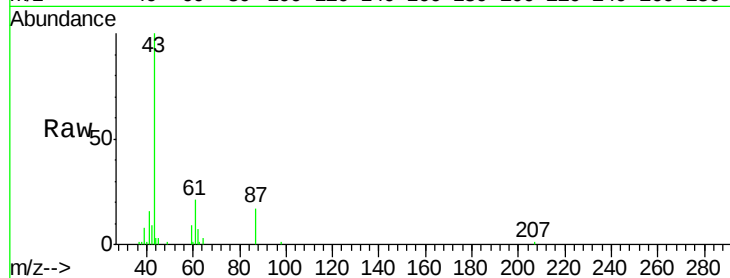
Tot Ion: 43 Resp: 26071

Ion Ratio Lower Upper

43 100

61 33.0 25.0 37.4

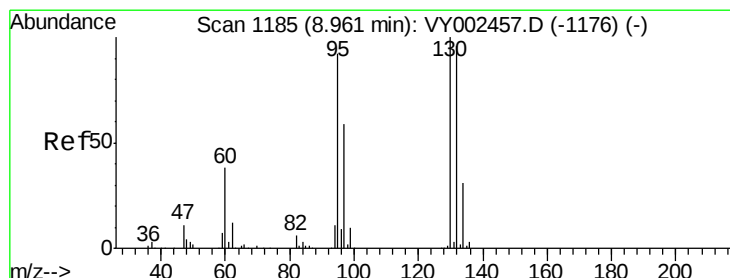
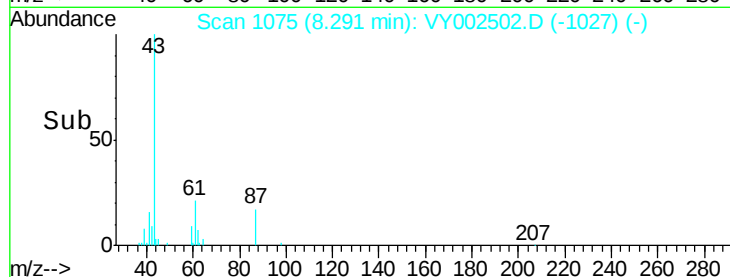
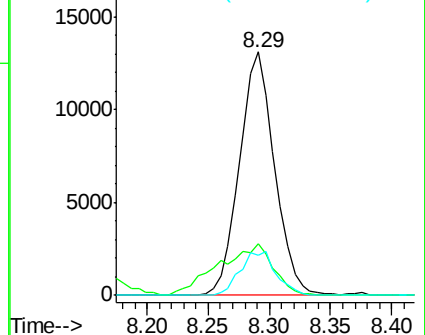
87 18.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 21.136 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002502.D

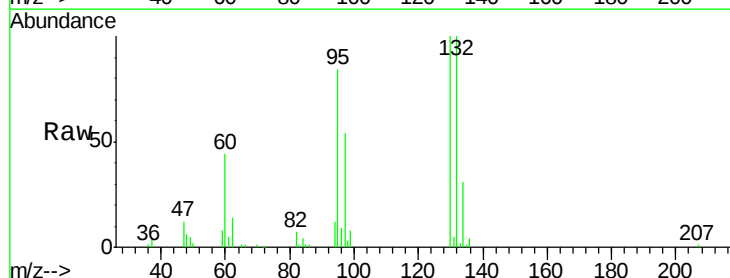
Acq: 29 Apr 2020 12:10

Tgt Ion:130 Resp: 31246

Ion Ratio Lower Upper

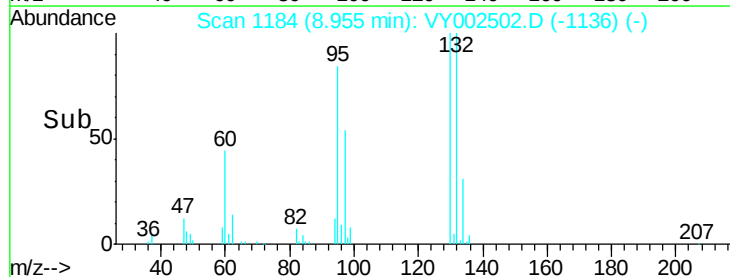
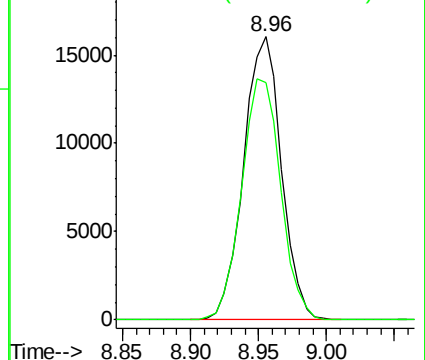
130 100

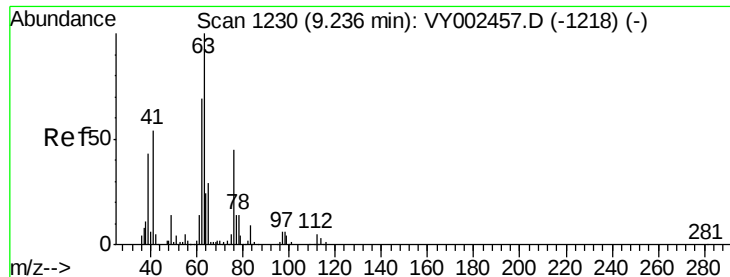
95 83.9 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 15.328 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

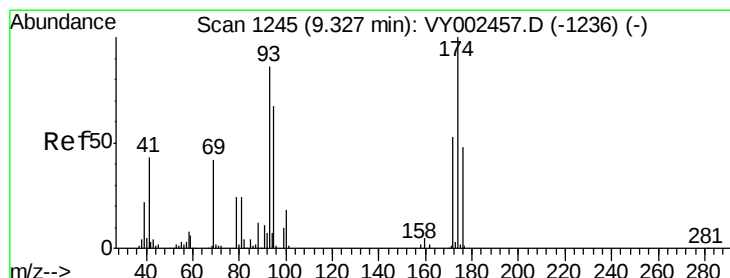
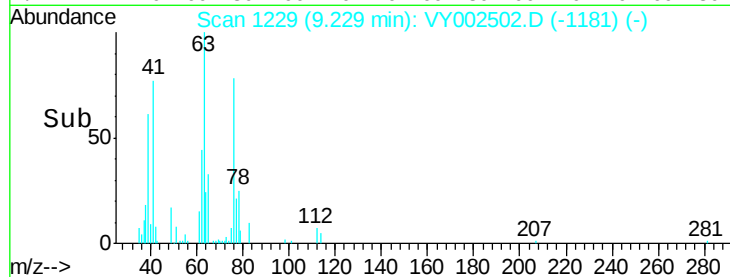
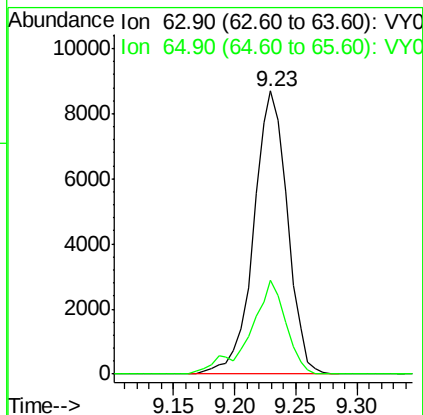
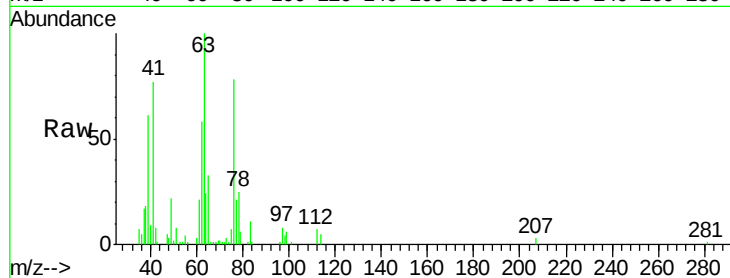
VY0429SBS01

Tot Ion: 63 Resp: 16702

Ion Ratio Lower Upper

63 100

65 33.1 23.4 35.0



#46

Dibromomethane

Concen: 20.796 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

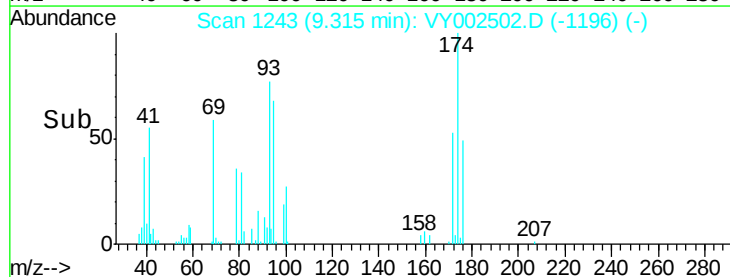
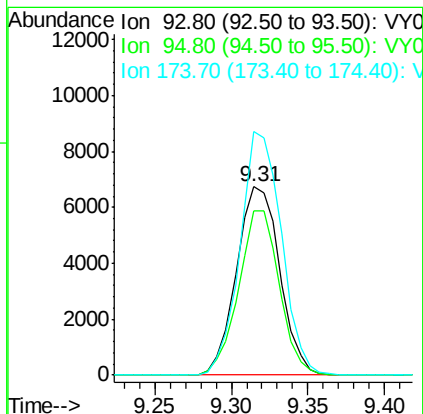
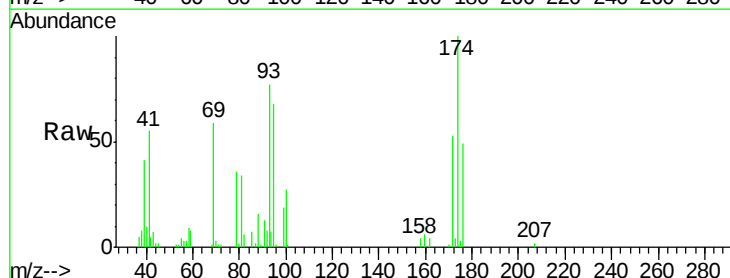
Tgt Ion: 93 Resp: 13258

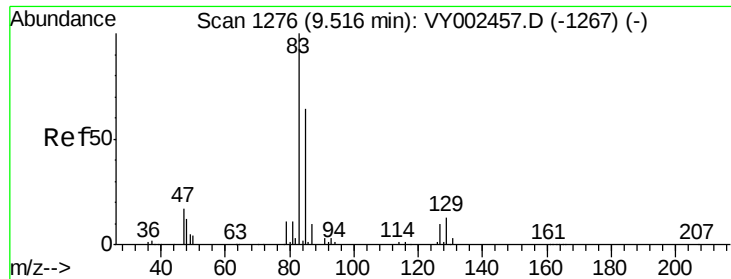
Ion Ratio Lower Upper

93 100

95 82.0 65.4 98.0

174 123.5 94.8 142.2

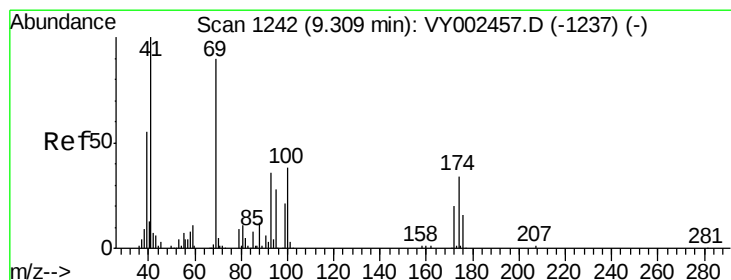
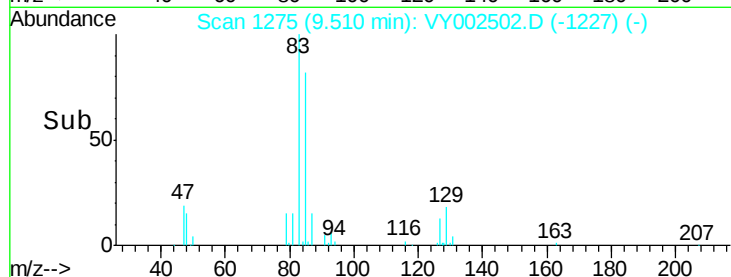
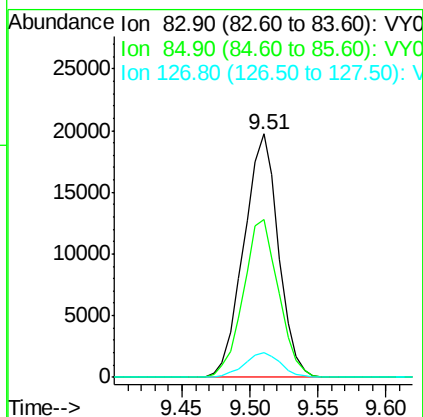
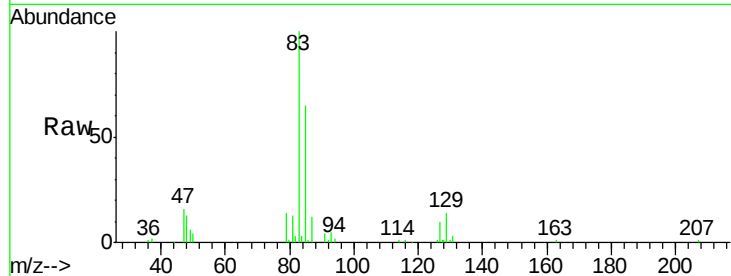




#47
Bromodichloromethane
Concen: 22.080 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

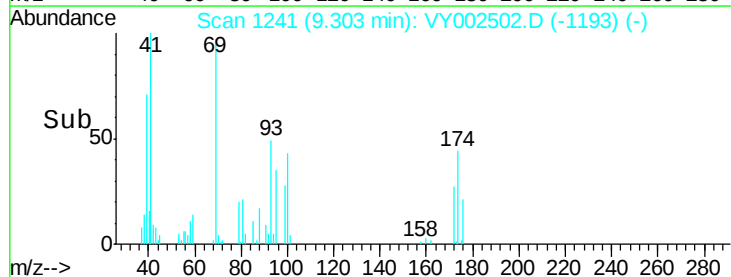
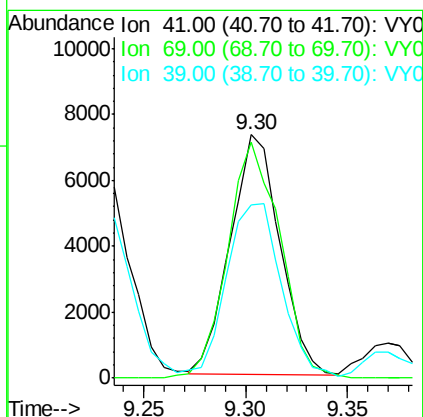
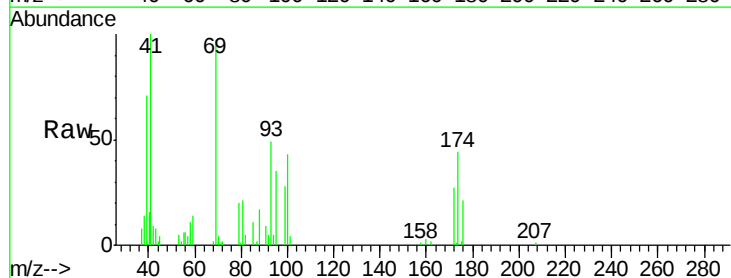
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

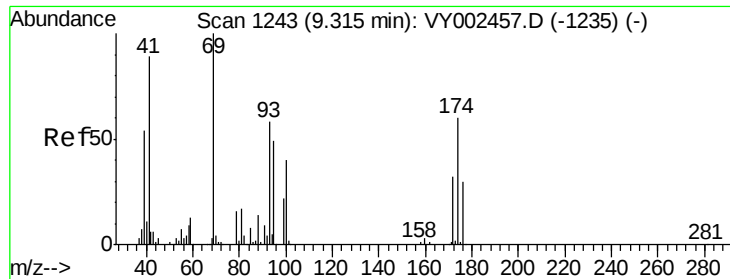
Tot Ion: 83 Resp: 35202
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8
127 10.4 7.7 11.5



#48
Methyl methacrylate
Concen: 17.617 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 41 Resp: 12361
Ion Ratio Lower Upper
41 100
69 103.1 77.9 116.9
39 80.8 47.9 71.9#

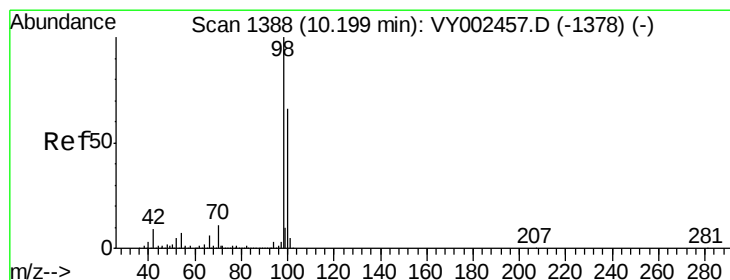
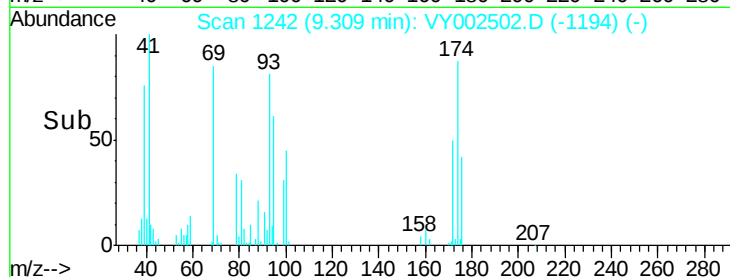
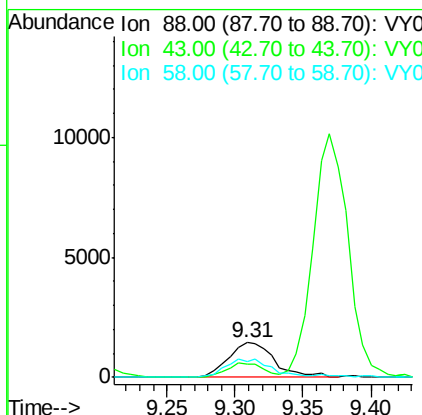
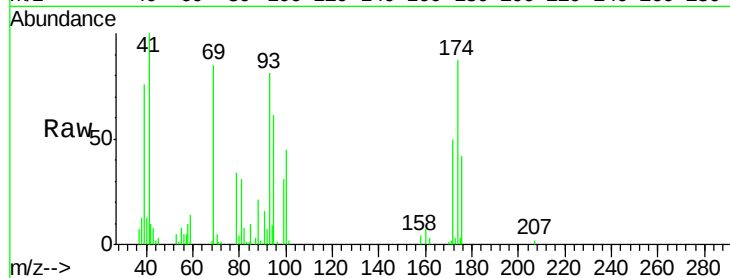




#49
1,4-Dioxane
Concen: 416.881 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

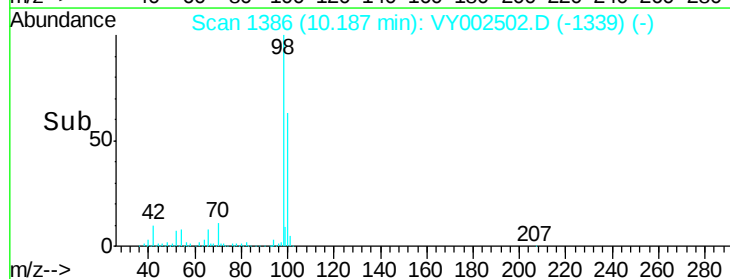
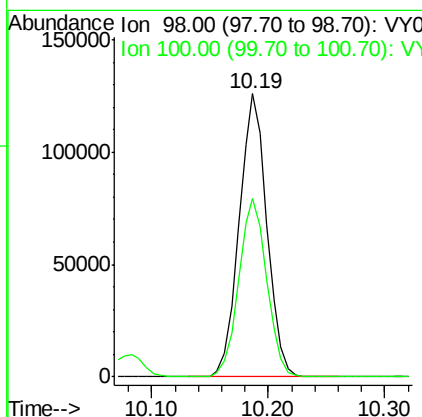
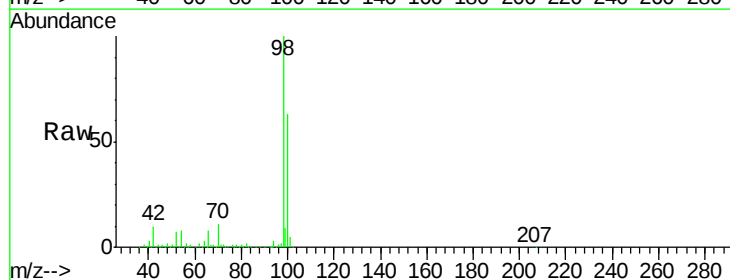
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

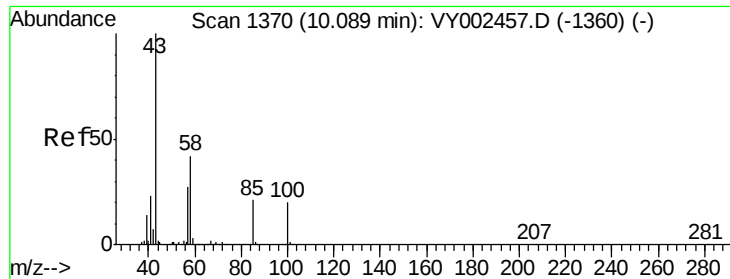
Tot Ion: 88 Resp: 3387
Ion Ratio Lower Upper
88 100
43 33.6 22.9 34.3
58 52.2 49.5 74.3



#50
Toluene-d8
Concen: 48.083 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion: 98 Resp: 207952
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

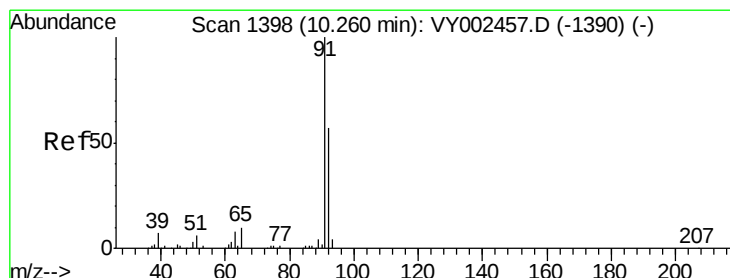
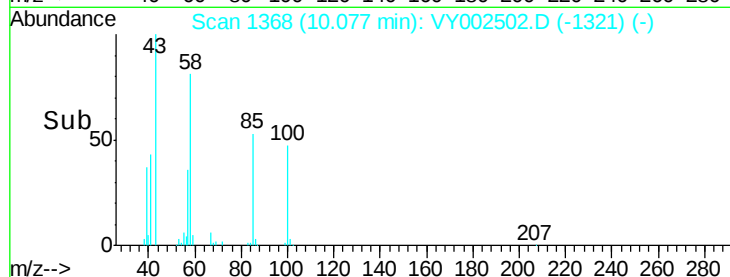
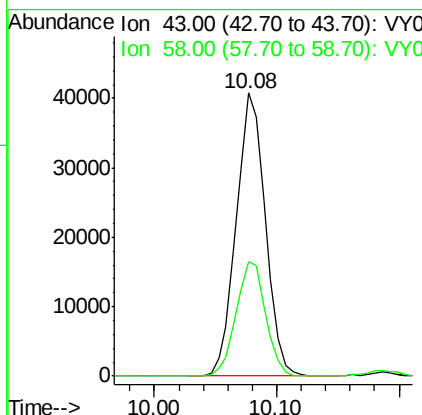
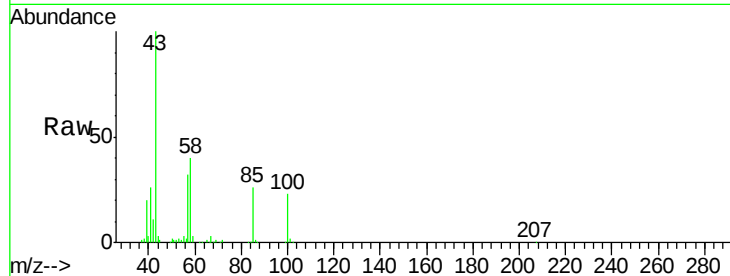




#51
 4-Methyl-2-Pentanone
 Concen: 84.050 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

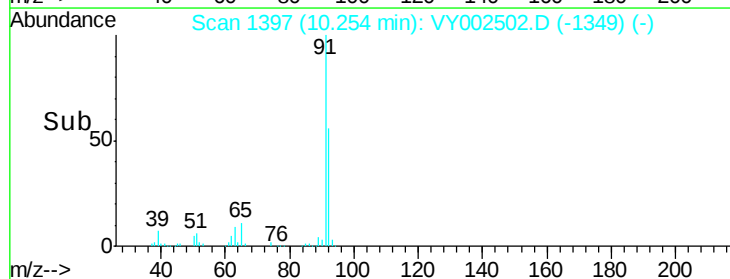
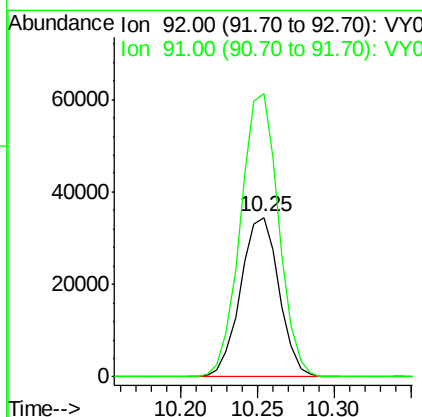
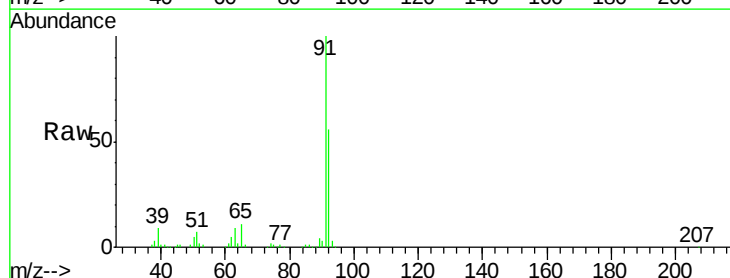
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

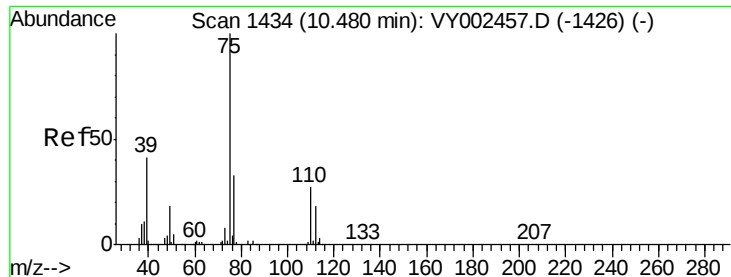
Tot Ion: 43 Resp: 67101
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.2 49.8



#52
 Toluene
 Concen: 19.741 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion: 92 Resp: 60080
 Ion Ratio Lower Upper
 92 100
 91 176.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 21.999 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

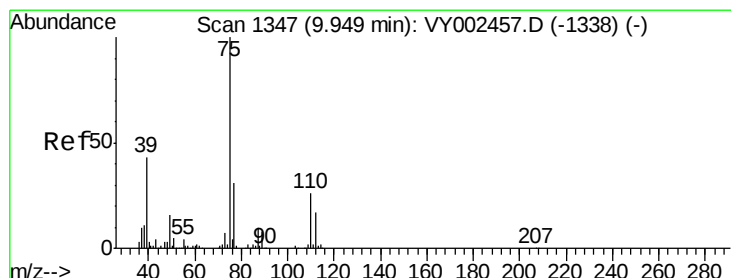
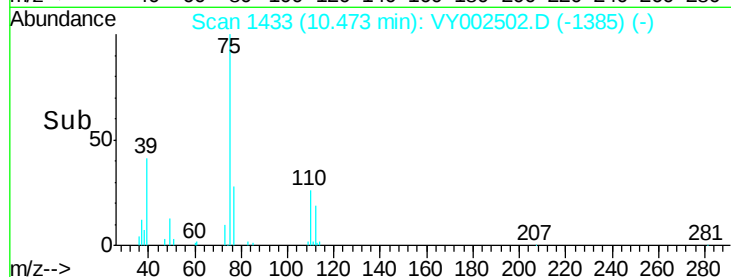
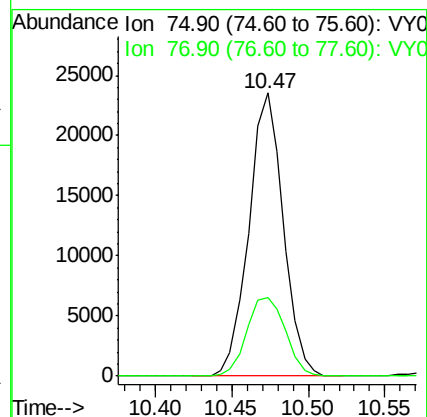
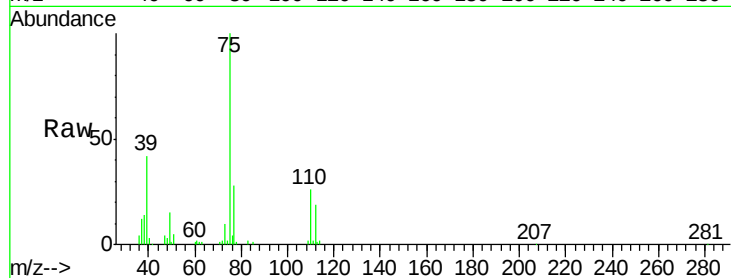
VY0429SBS01

Tot Ion: 75 Resp: 36832

Ion Ratio Lower Upper

75 100

77 28.0 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 19.409 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

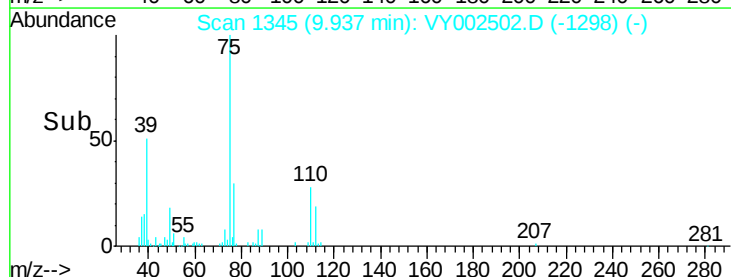
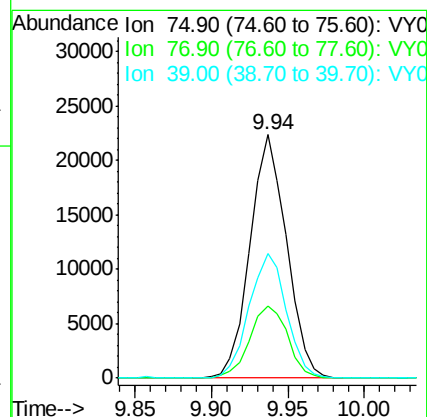
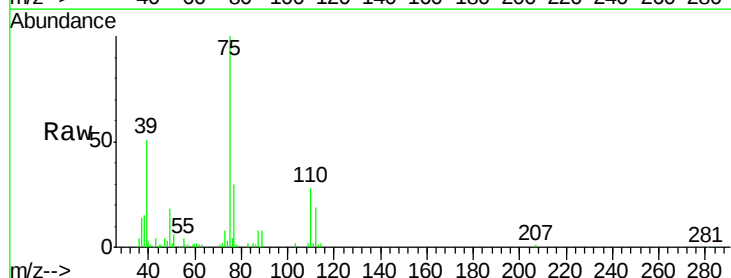
Tgt Ion: 75 Resp: 37195

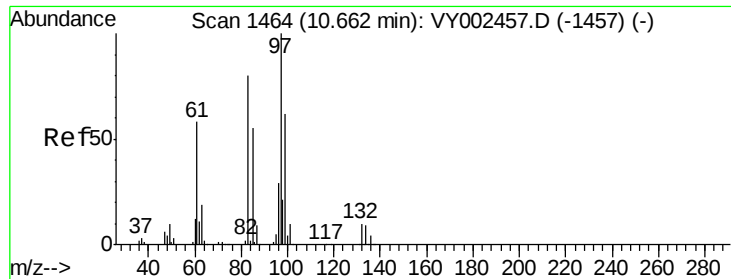
Ion Ratio Lower Upper

75 100

77 29.8 25.2 37.8

39 51.0 34.2 51.2

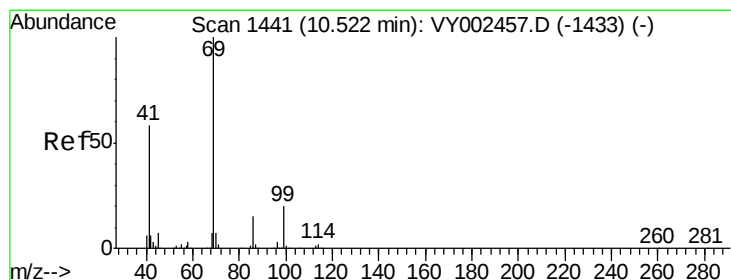
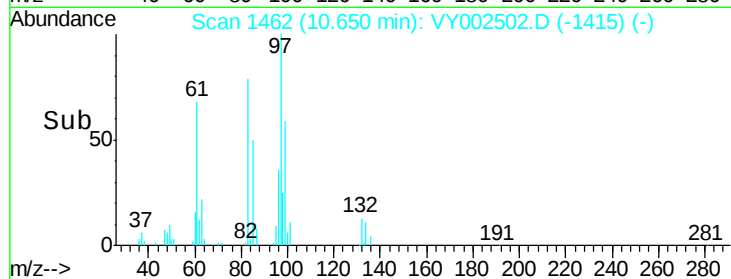
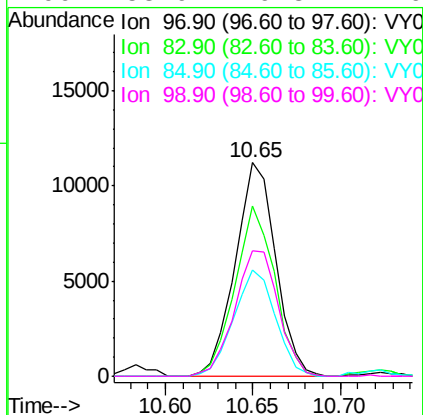
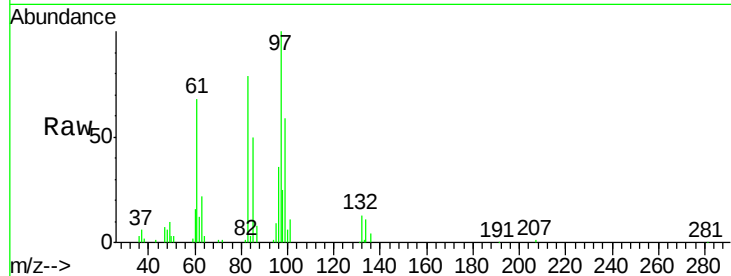




#55
 1,1,2-Trichloroethane
 Concen: 19.198 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

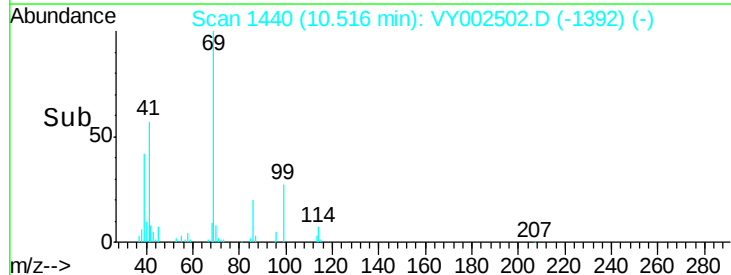
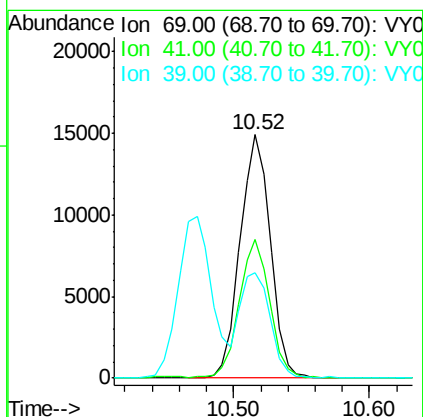
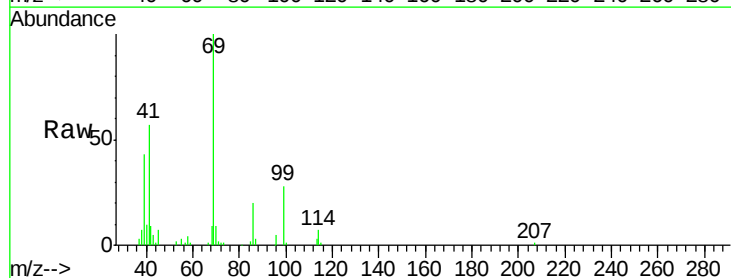
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

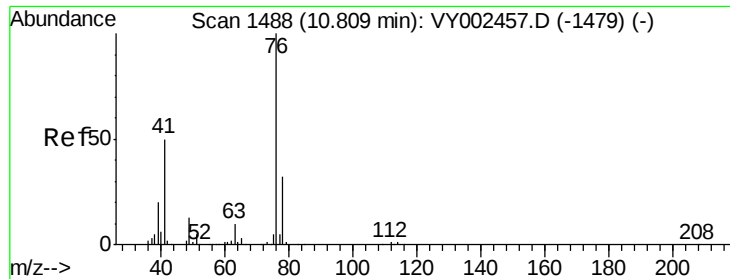
Tot Ion:	97	Resp:	18096
Ion	Ratio	Lower	Upper
97	100		
83	79.5	63.8	95.8
85	49.7	43.9	65.9
99	58.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.001 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion:	69	Resp:	23185
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.5	71.3
39	43.2	25.7	38.5#





#57

1,3-Dichloropropane

Concen: 18.926 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

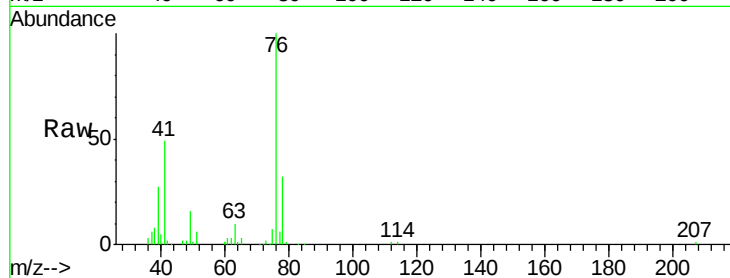
VY0429SBS01

Tot Ion: 76 Resp: 30119

Ion Ratio Lower Upper

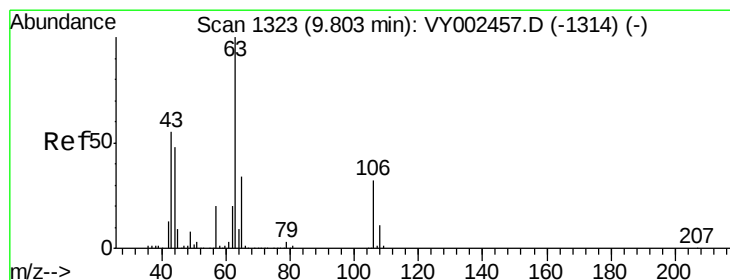
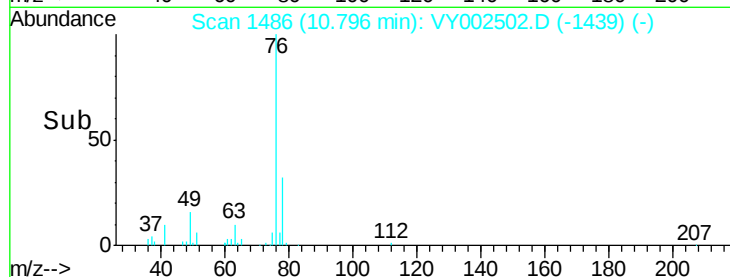
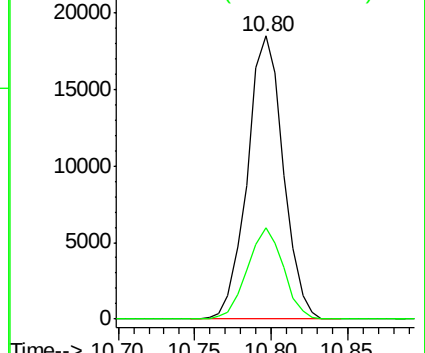
76 100

78 32.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 85.583 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002502.D

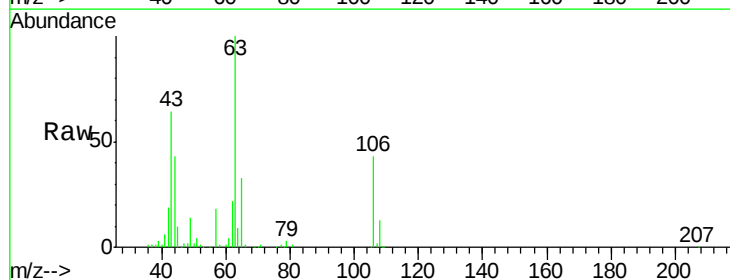
Acq: 29 Apr 2020 12:10

Tgt Ion: 63 Resp: 53304

Ion Ratio Lower Upper

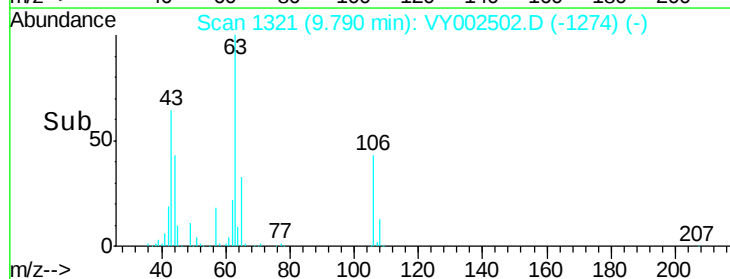
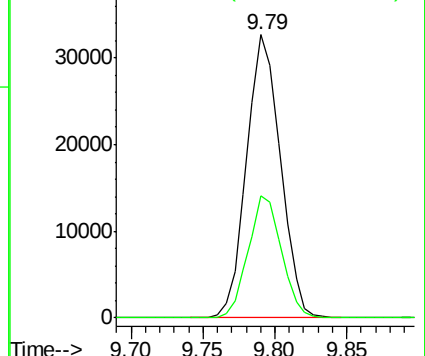
63 100

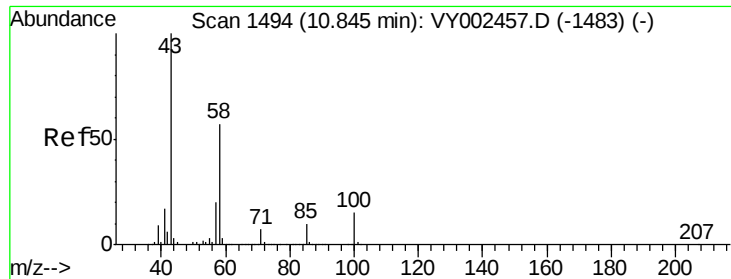
106 42.3 26.0 39.0#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 81.678 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

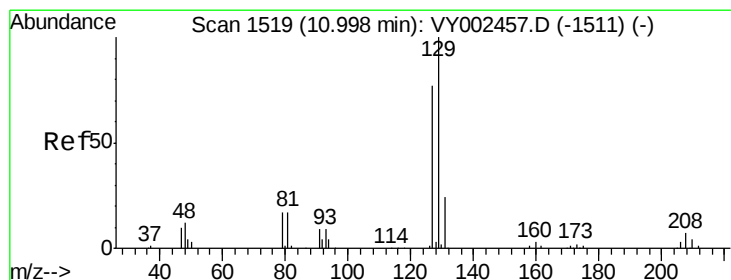
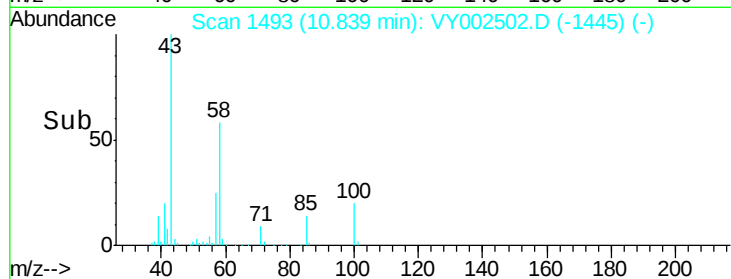
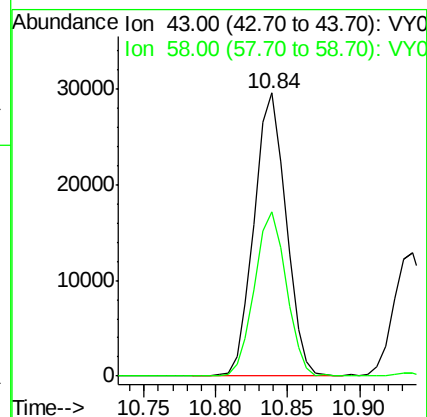
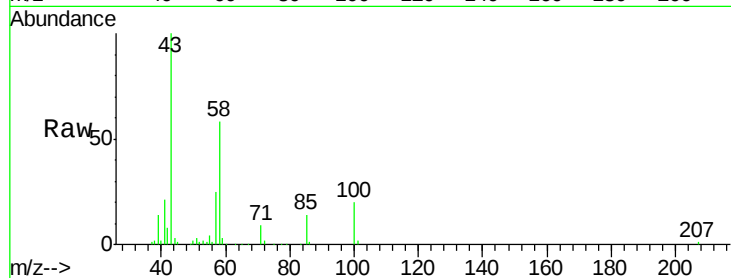
VY0429SBS01

Tot Ion: 43 Resp: 45452

Ion Ratio Lower Upper

43 100

58 57.5 28.8 86.4



#60

Dibromochloromethane

Concen: 22.675 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY002502.D

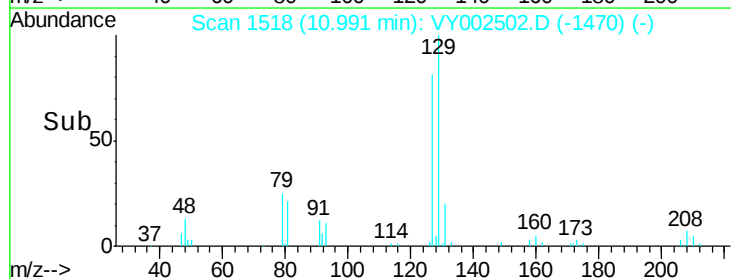
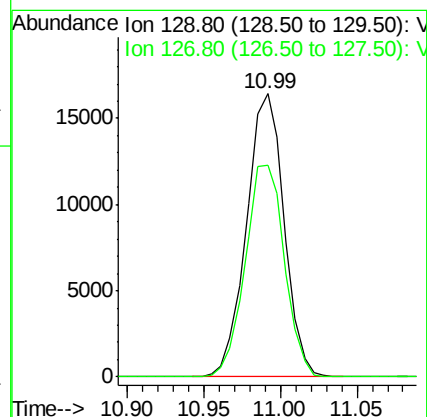
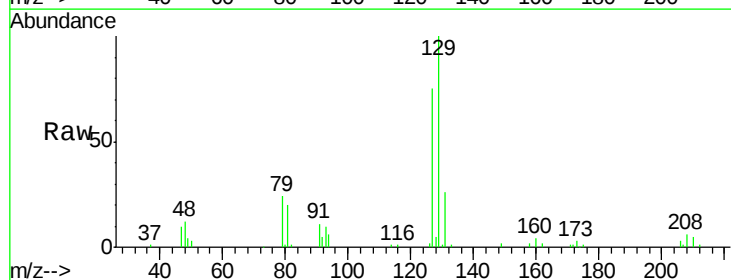
Acq: 29 Apr 2020 12:10

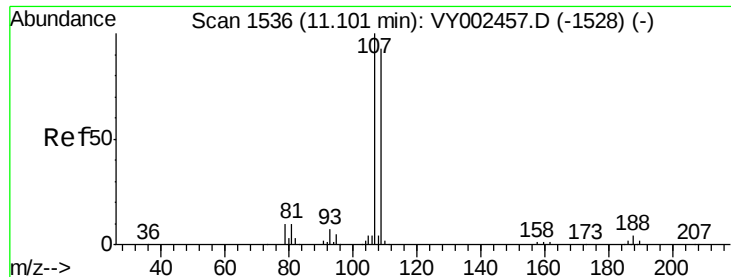
Tgt Ion: 129 Resp: 28007

Ion Ratio Lower Upper

129 100

127 78.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.578 ug/l

RT: 11.09 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

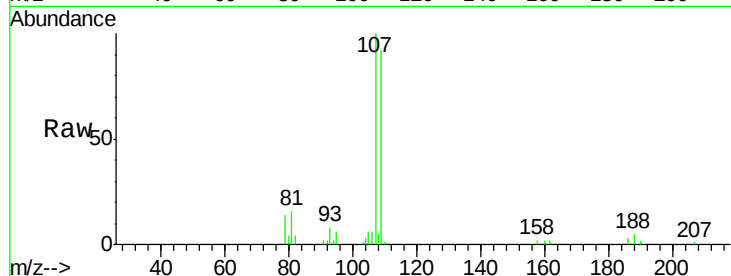
VY0429SBS01

Tot Ion:107 Resp: 18300

Ion Ratio Lower Upper

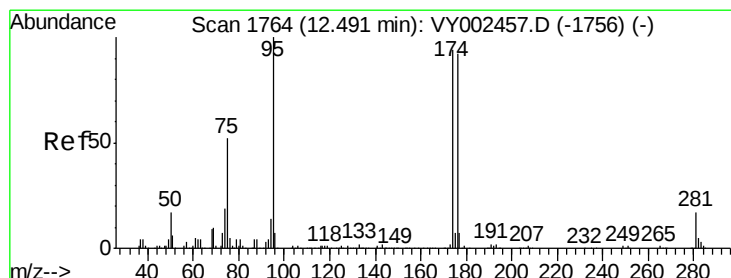
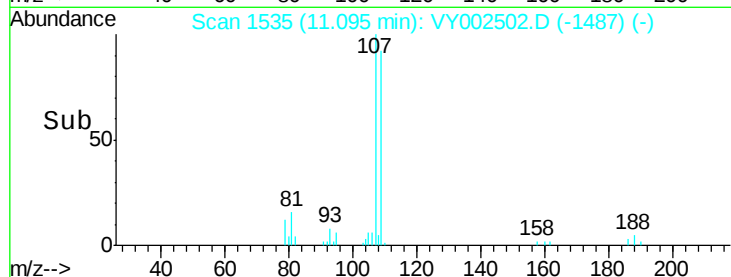
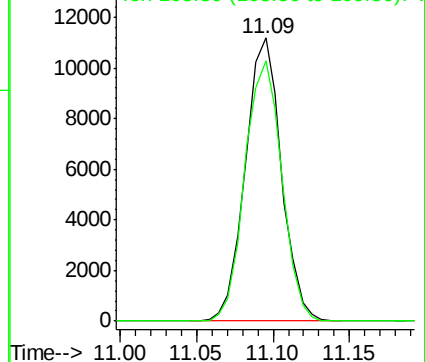
107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.440 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

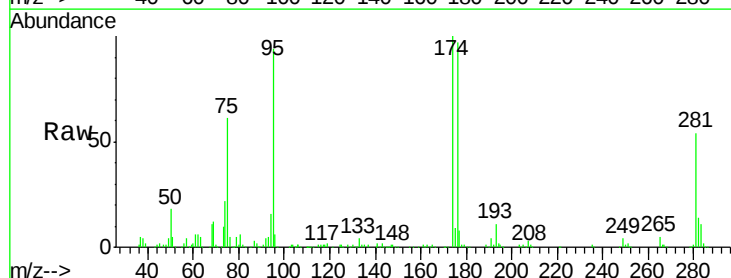
Tgt Ion: 95 Resp: 73198

Ion Ratio Lower Upper

95 100

174 103.5 0.0 193.0

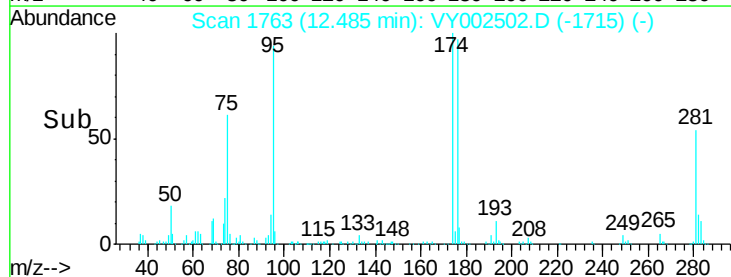
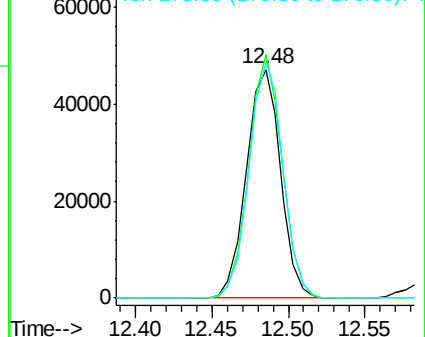
176 102.2 0.0 190.4

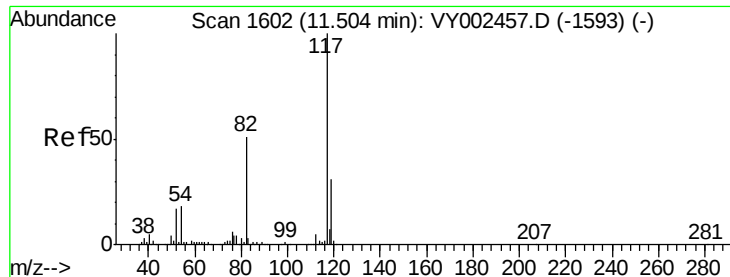


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

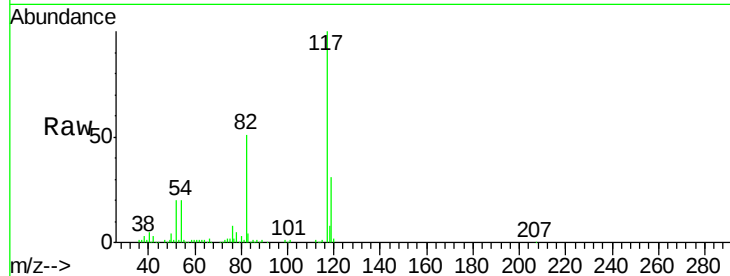




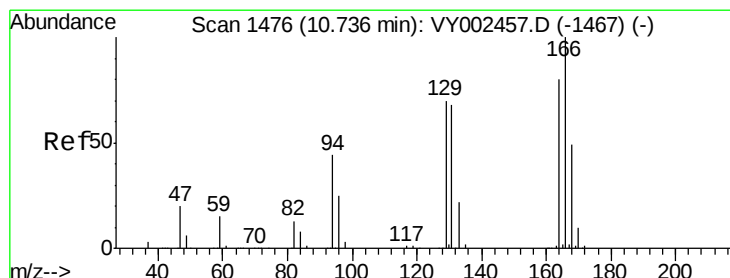
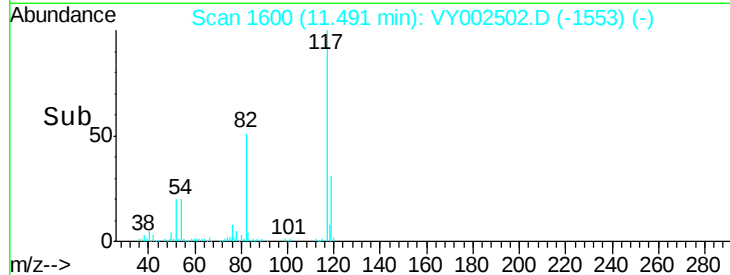
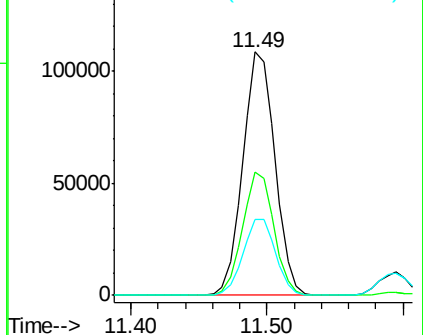
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion:117 Resp: 178991
Ion Ratio Lower Upper
117 100
82 50.5 40.8 61.2
119 31.2 25.2 37.8

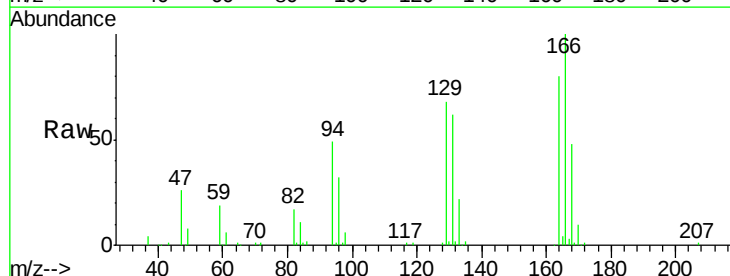


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

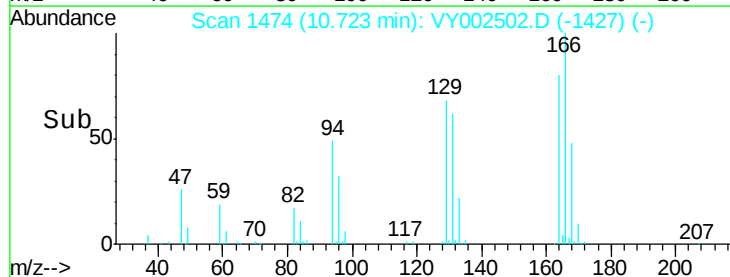
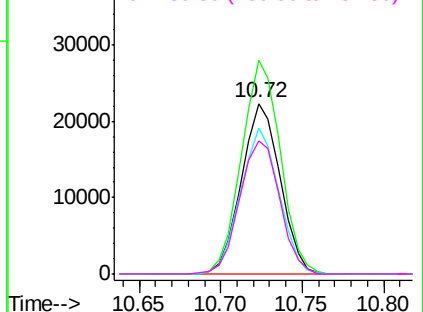


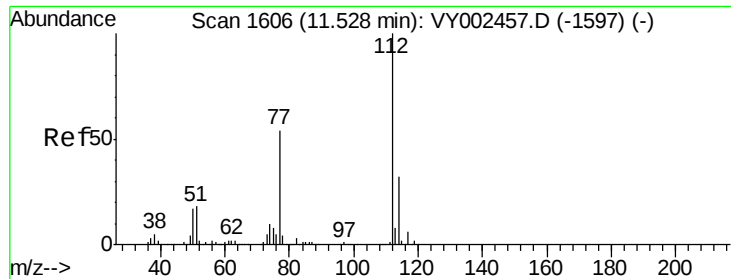
#64
Tetrachloroethene
Concen: 22.493 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion:164 Resp: 36899
Ion Ratio Lower Upper
164 100
166 125.5 100.0 150.0
129 85.4 69.8 104.8
131 78.3 67.9 101.9



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

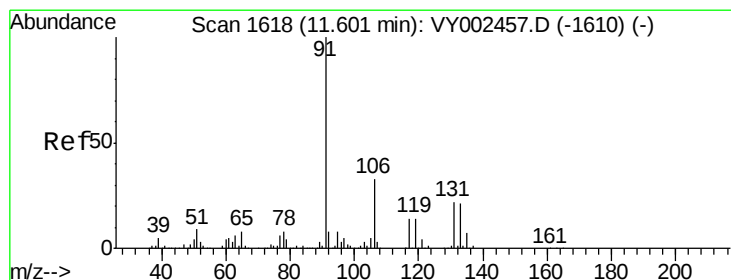
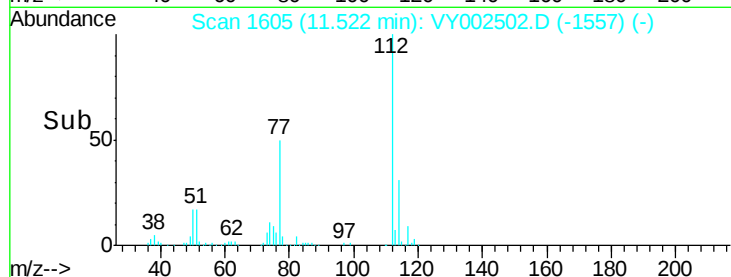
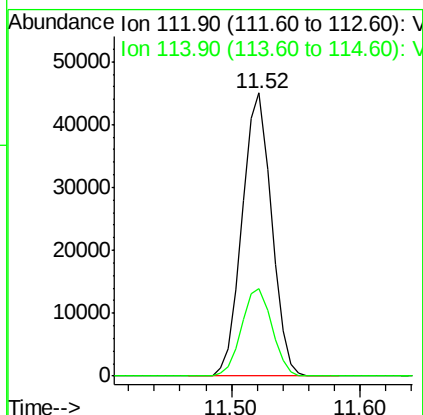
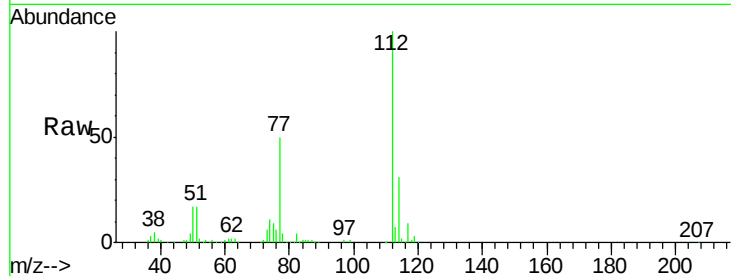




#65
Chlorobenzene
Concen: 20.571 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

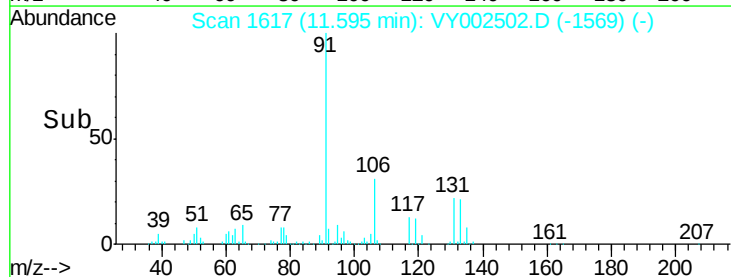
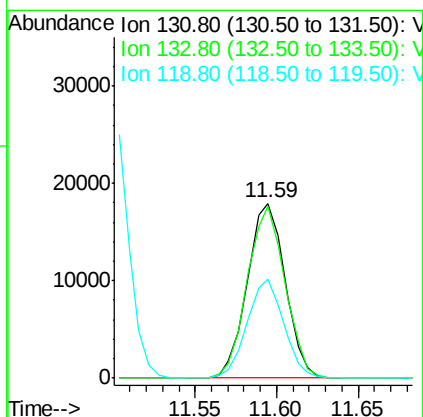
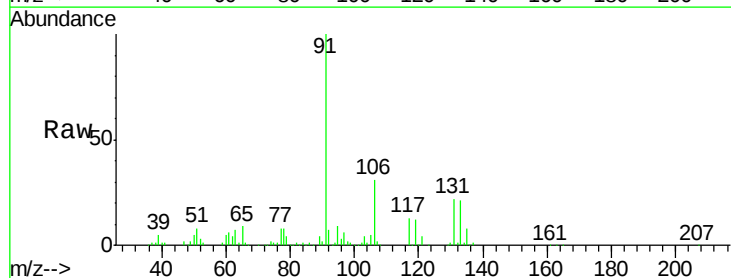
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

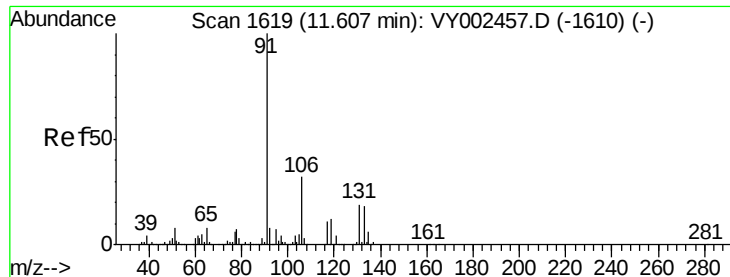
Tot Ion:112 Resp: 70983
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.488 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion:131 Resp: 29117
Ion Ratio Lower Upper
131 100
133 97.9 47.8 143.4
119 54.6 31.1 93.3





#67

Ethyl Benzene

Concen: 20.231 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

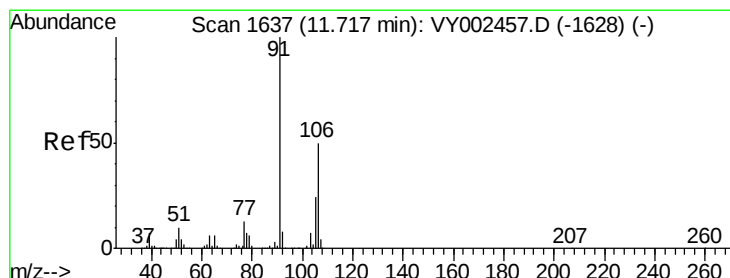
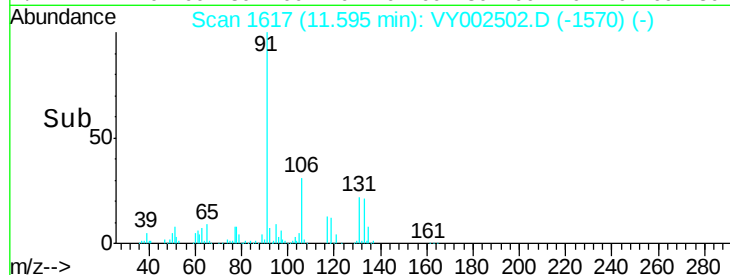
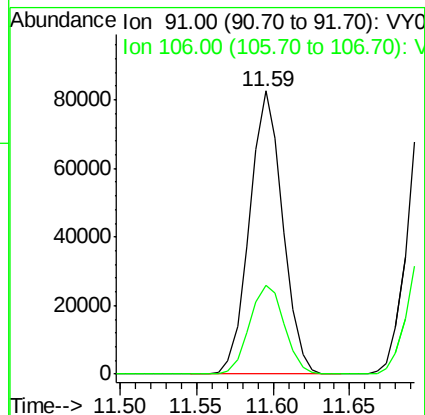
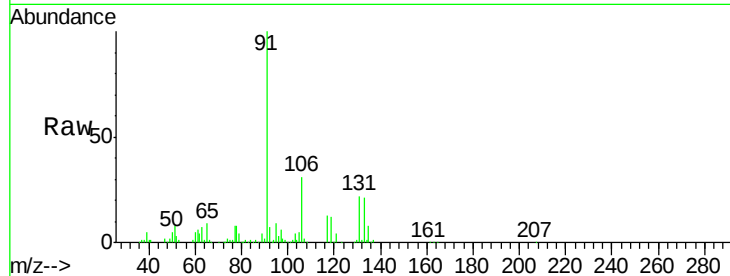
VY0429SBS01

Tot Ion: 91 Resp: 124417

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.6



#68

m/p-Xylenes

Concen: 41.162 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002502.D

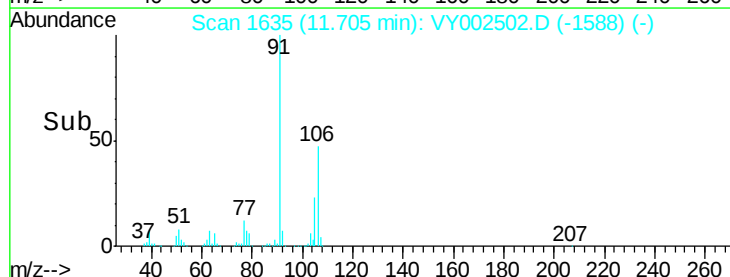
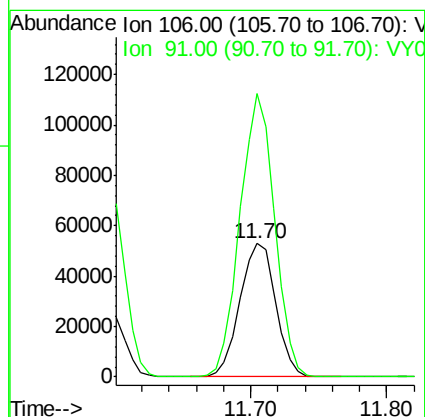
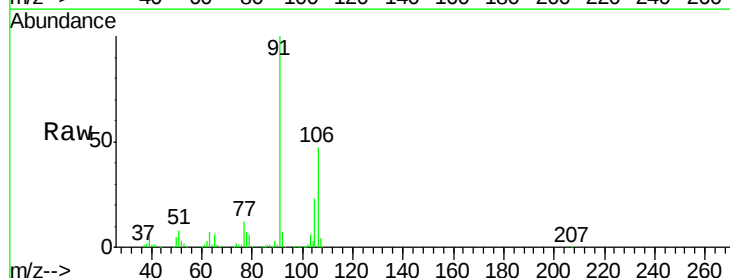
Acq: 29 Apr 2020 12:10

Tgt Ion: 106 Resp: 97449

Ion Ratio Lower Upper

106 100

91 204.9 159.8 239.6

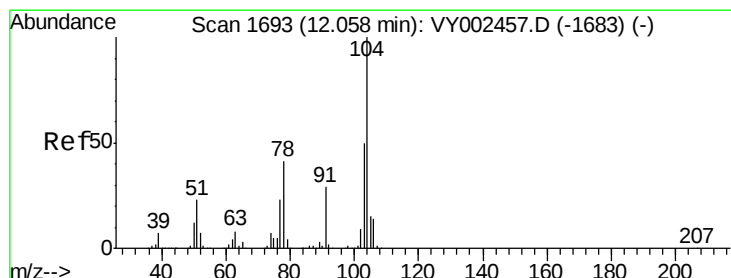
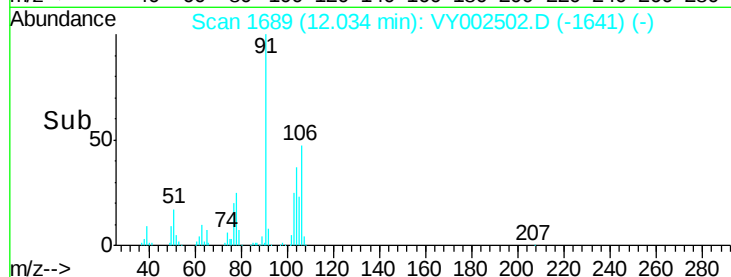
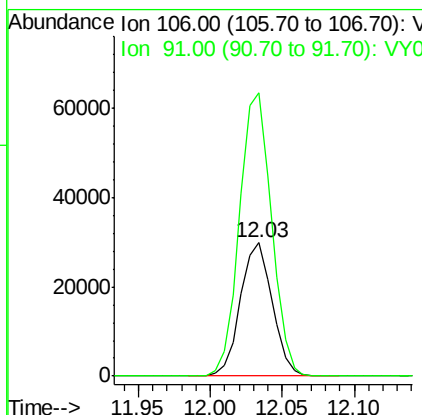
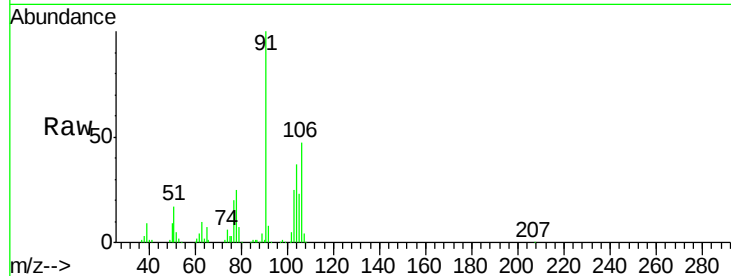




#69
o-Xylene
Concen: 20.888 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

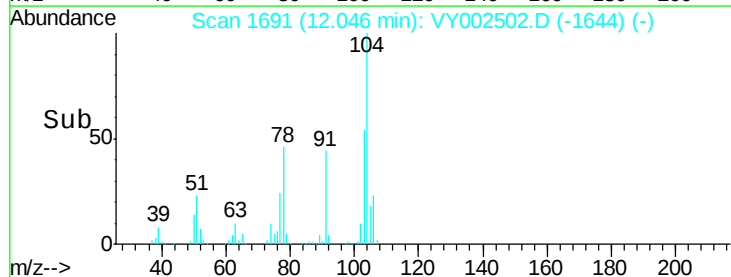
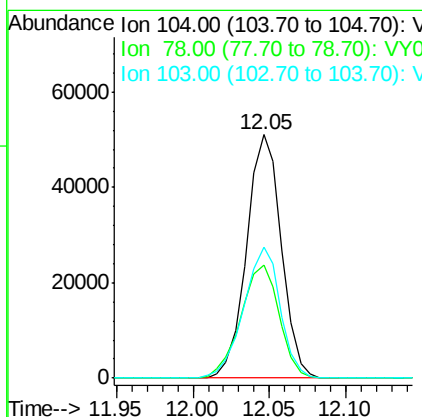
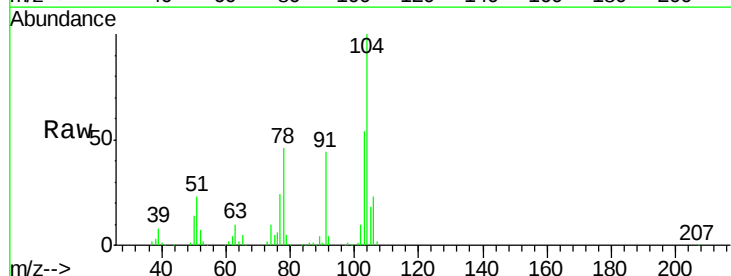
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

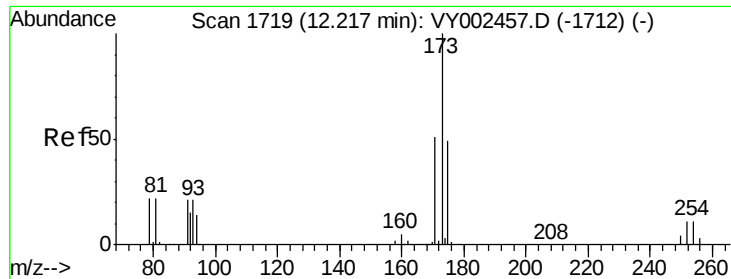
Tot Ion:106 Resp: 45794
Ion Ratio Lower Upper
106 100
91 213.9 104.5 313.3



#70
Styrene
Concen: 21.047 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion:104 Resp: 80346
Ion Ratio Lower Upper
104 100
78 51.5 38.0 57.0
103 56.8 44.4 66.6





#71

Bromoform

Concen: 22.908 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

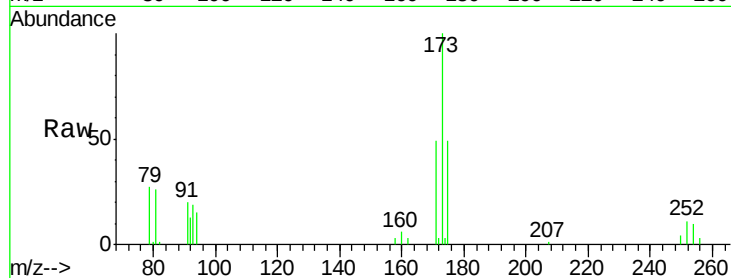
Tot Ion:173 Resp: 18685

Ion Ratio Lower Upper

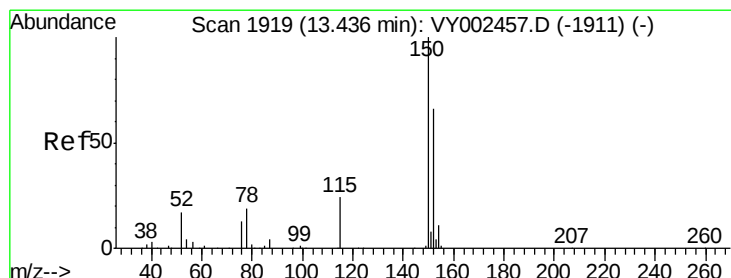
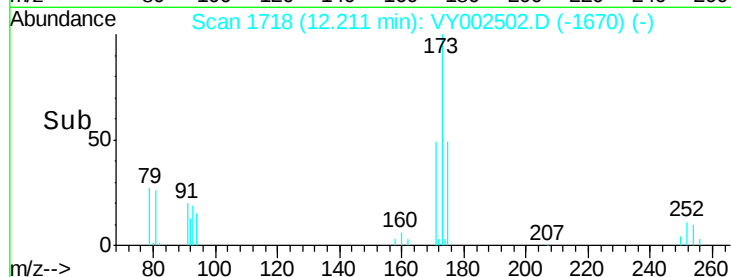
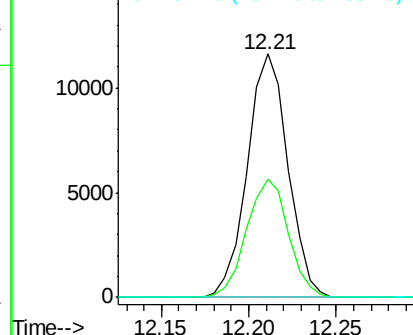
173 100

175 50.0 24.3 73.0

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. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

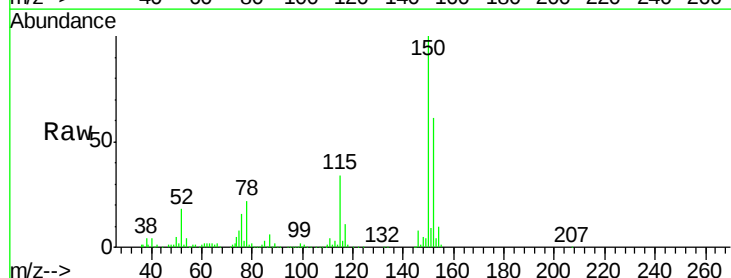
Tgt Ion:152 Resp: 100421

Ion Ratio Lower Upper

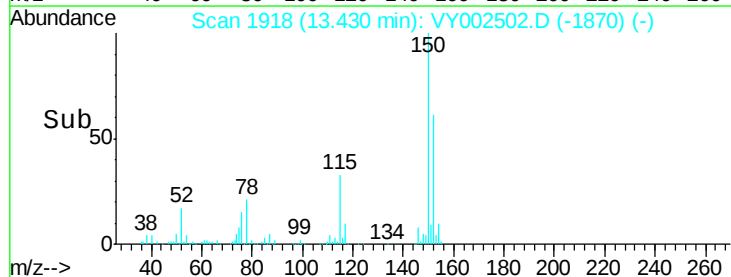
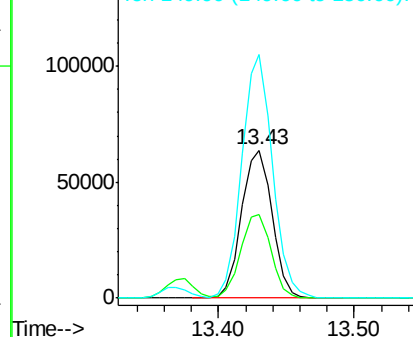
152 100

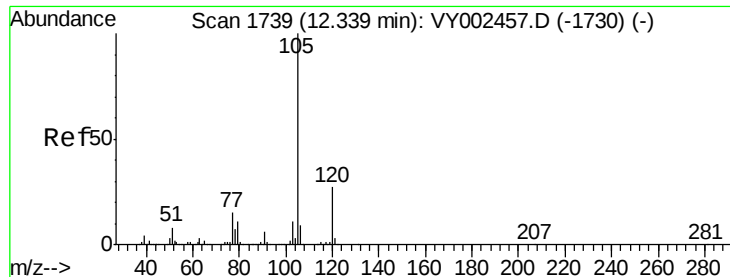
115 56.0 27.3 81.8

150 164.8 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: 19.991 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

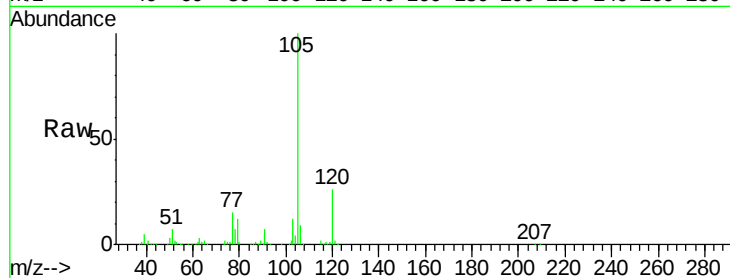
VY0429SBS01

Tot Ion:105 Resp: 134214

Ion Ratio Lower Upper

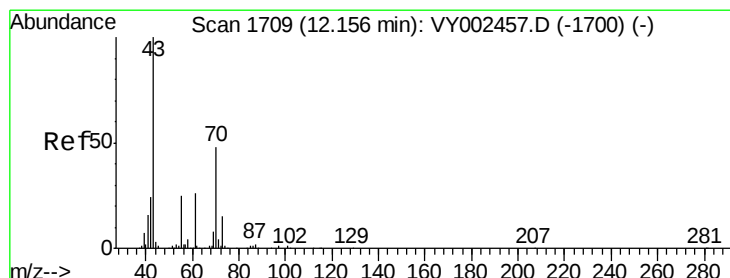
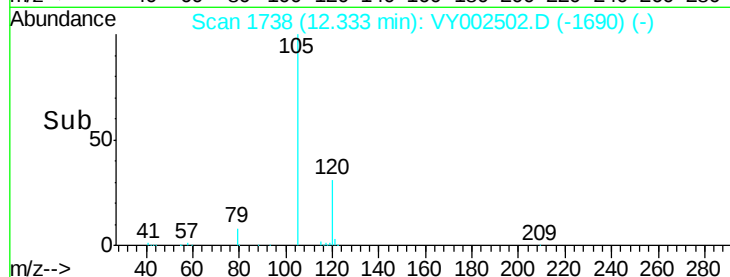
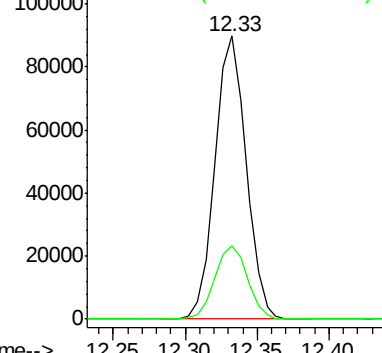
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.460 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Tgt Ion: 43 Resp: 23004

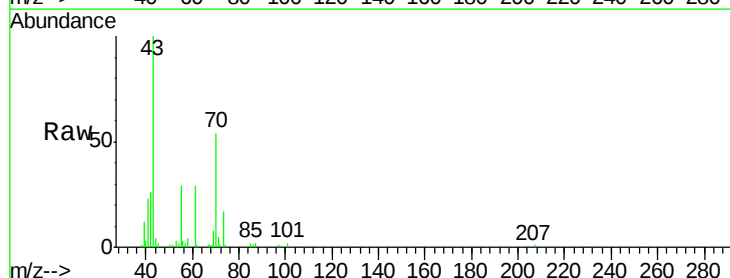
Ion Ratio Lower Upper

43 100

70 50.6 37.2 55.8

55 26.2 19.6 29.4

61 26.2 20.7 31.1

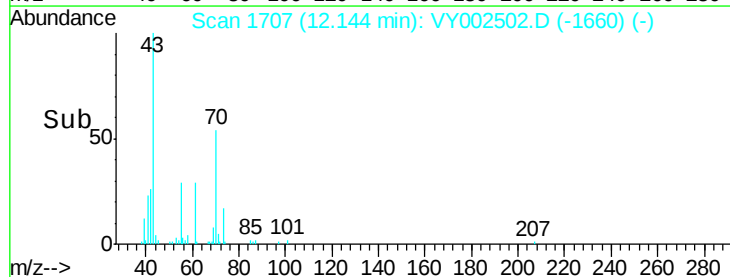
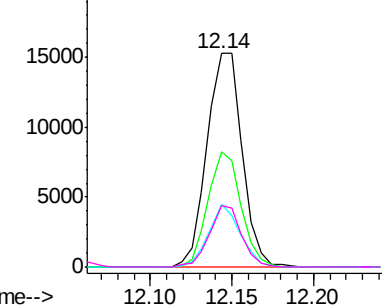


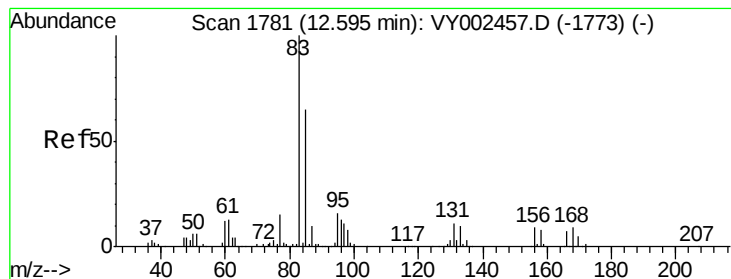
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 14.994 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

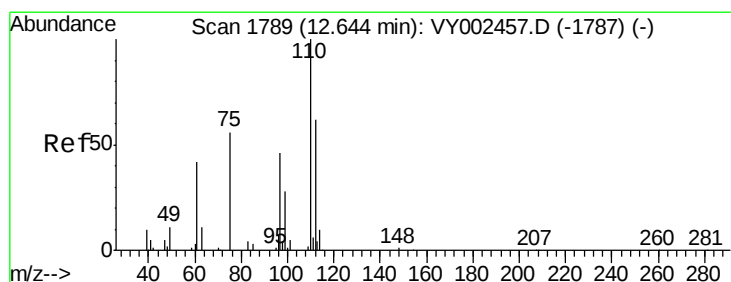
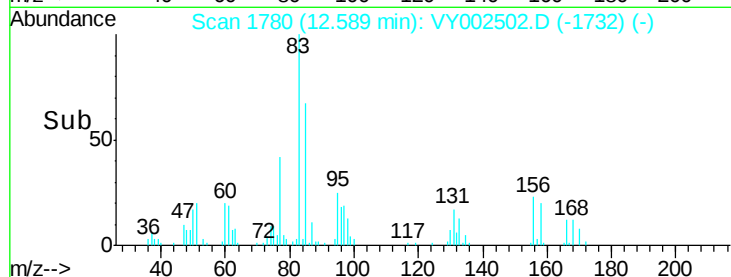
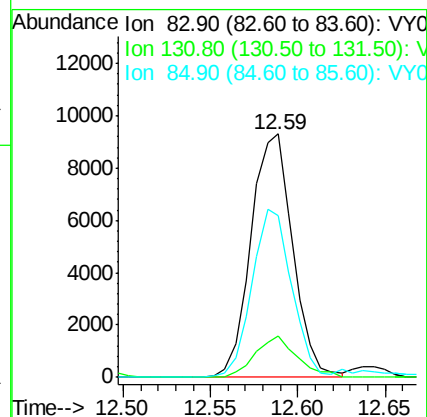
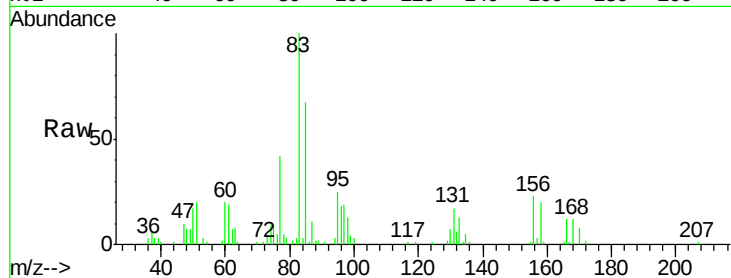
Tot Ion: 83 Resp: 15460

Ion Ratio Lower Upper

83 100

131 16.9 6.2 18.6

85 65.6 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 15.456 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002502.D

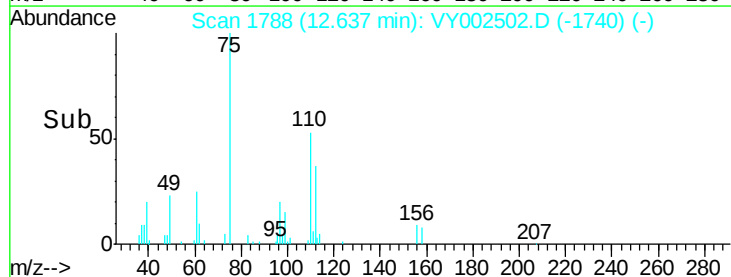
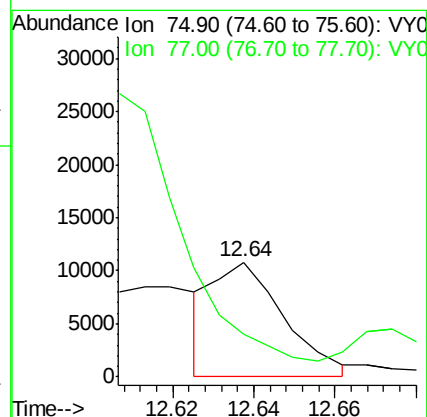
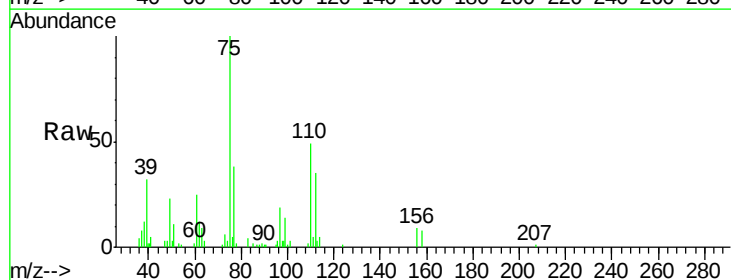
Acq: 29 Apr 2020 12:10

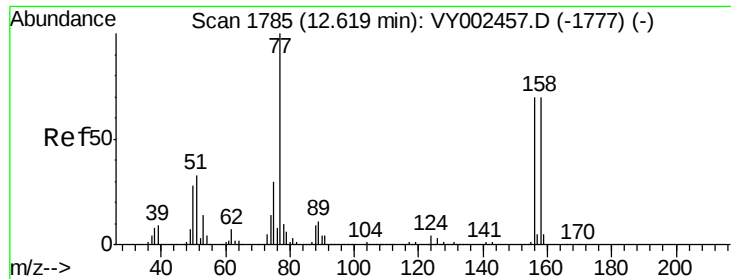
Tgt Ion: 75 Resp: 13155

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.138 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

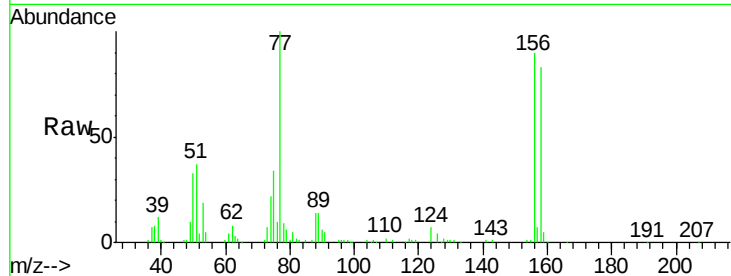
Tot Ion:156 Resp: 33908

Ion Ratio Lower Upper

156 100

77 139.0 78.5 235.7

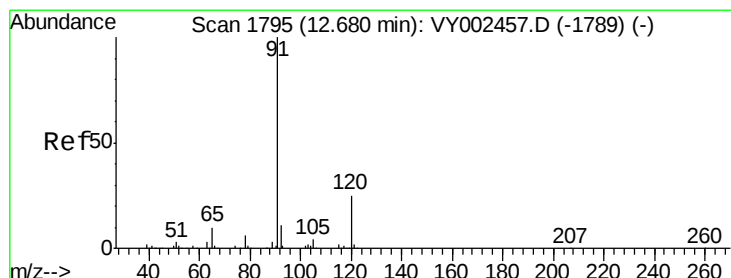
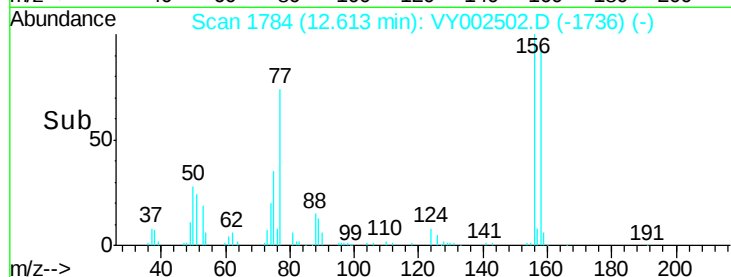
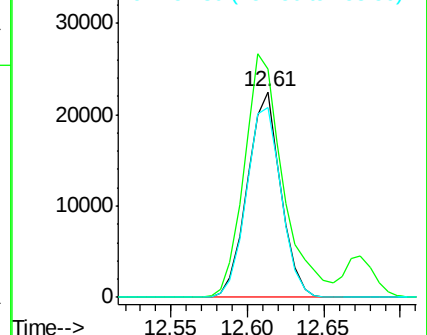
158 96.8 48.4 145.3



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: 18.662 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002502.D

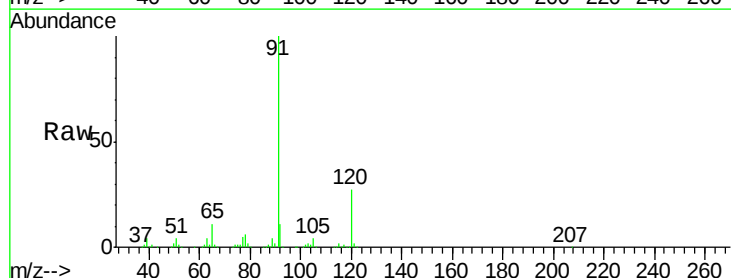
Acq: 29 Apr 2020 12:10

Tgt Ion: 91 Resp: 145470

Ion Ratio Lower Upper

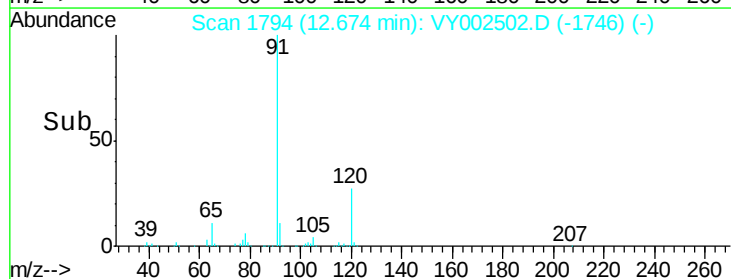
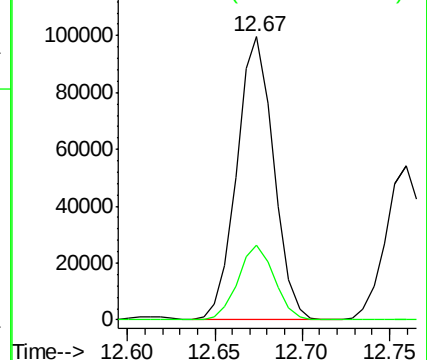
91 100

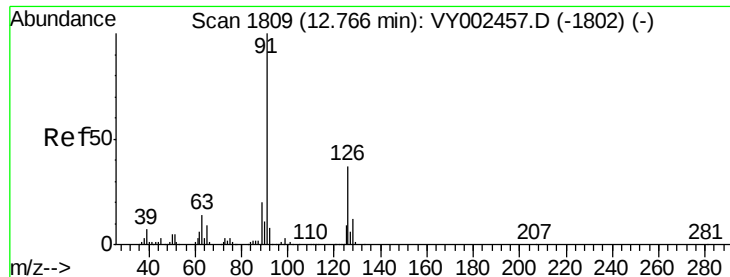
120 26.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.217 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

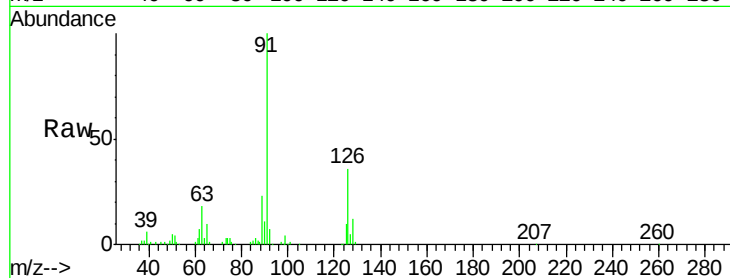
VY0429SBS01

Tot Ion: 91 Resp: 81967

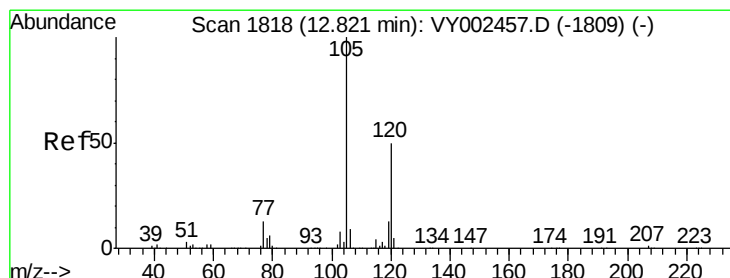
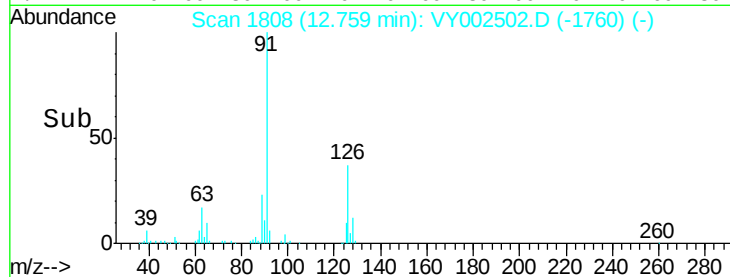
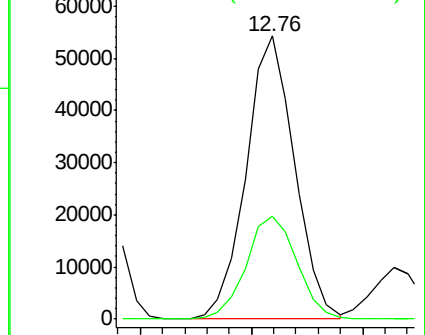
Ion Ratio Lower Upper

91 100

126 38.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.825 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002502.D

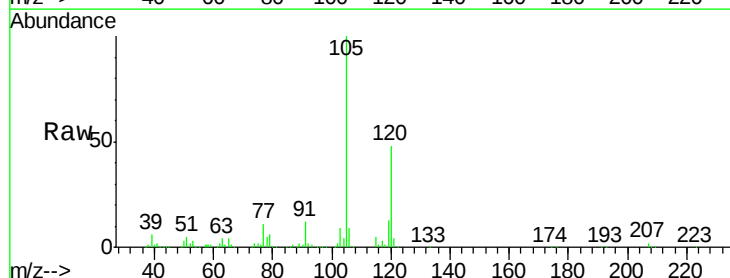
Acq: 29 Apr 2020 12:10

Tgt Ion:105 Resp: 118663

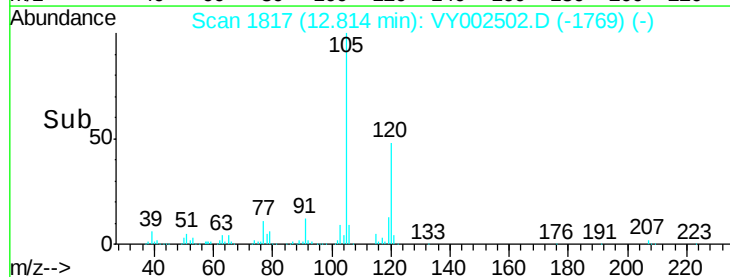
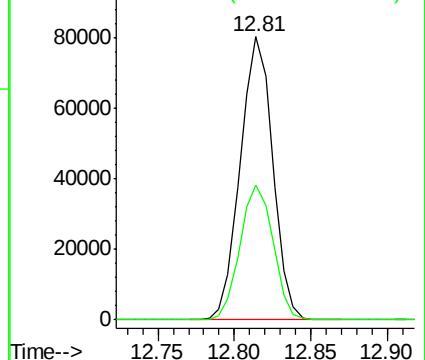
Ion Ratio Lower Upper

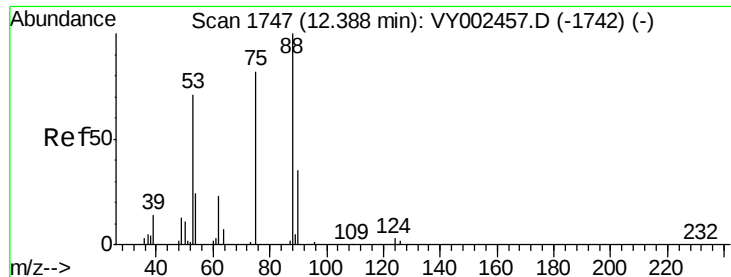
105 100

120 48.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.608 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

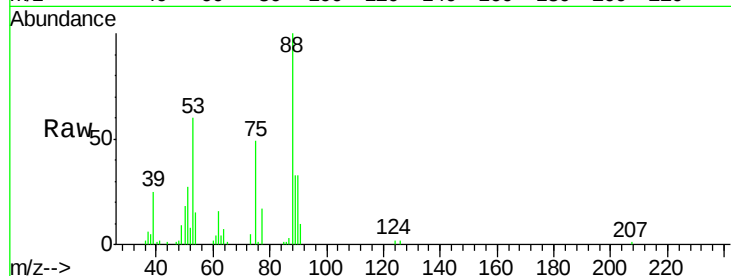
Tot Ion: 75 Resp: 7639

Ion Ratio Lower Upper

75 100

53 111.5 70.0 105.0#

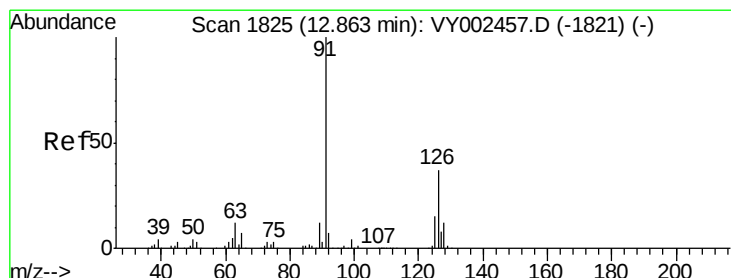
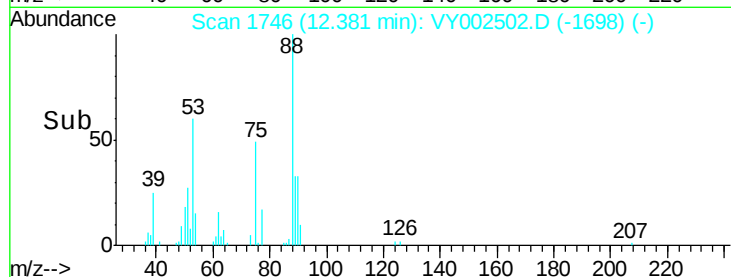
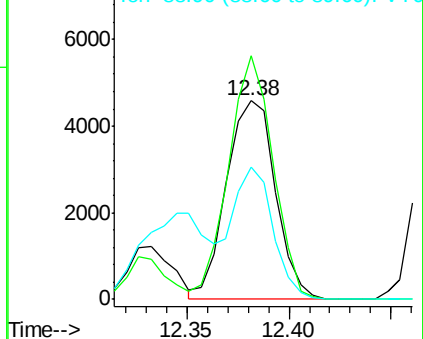
89 55.9 34.9 52.3#



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: 19.567 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002502.D

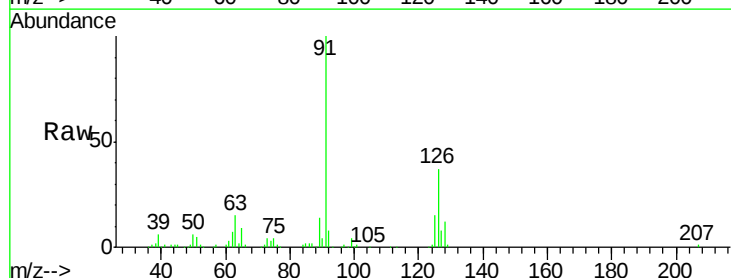
Acq: 29 Apr 2020 12:10

Tgt Ion: 91 Resp: 86260

Ion Ratio Lower Upper

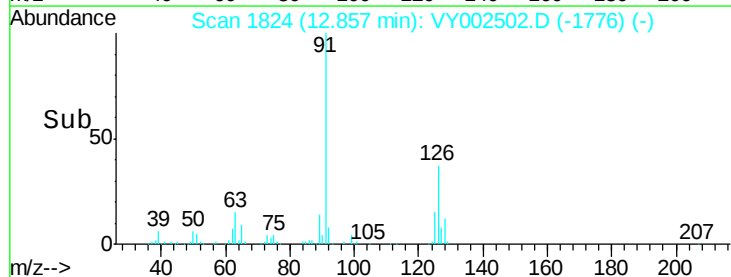
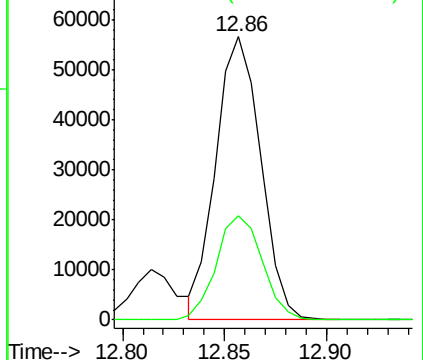
91 100

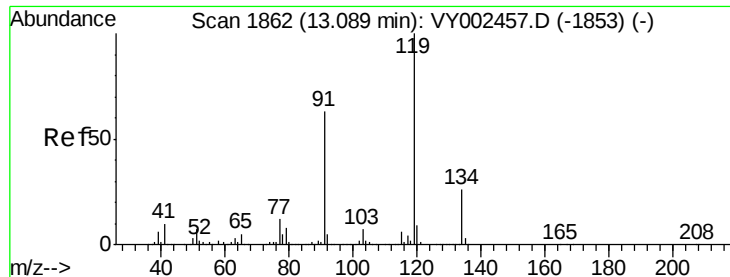
126 37.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

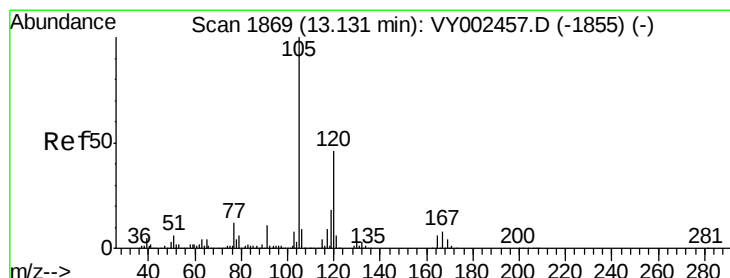
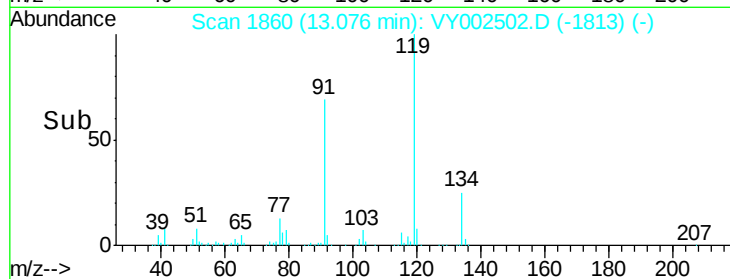
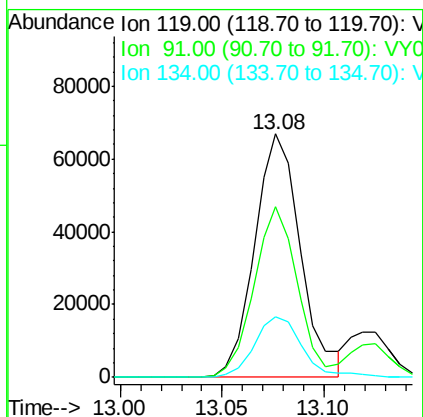
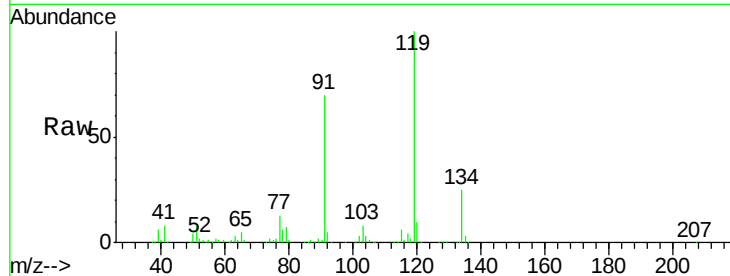




#83
 tert-Butylbenzene
 Concen: 21.232 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

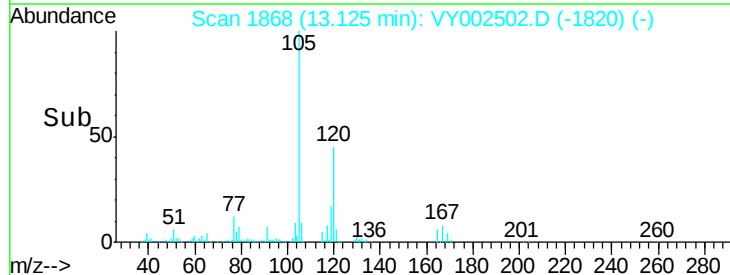
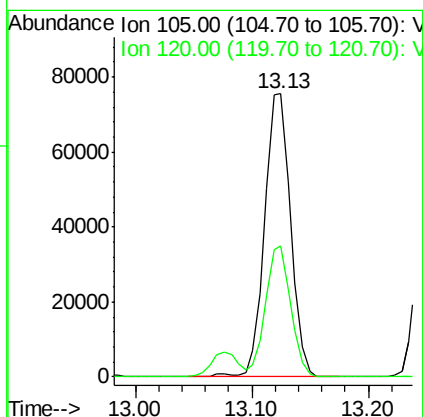
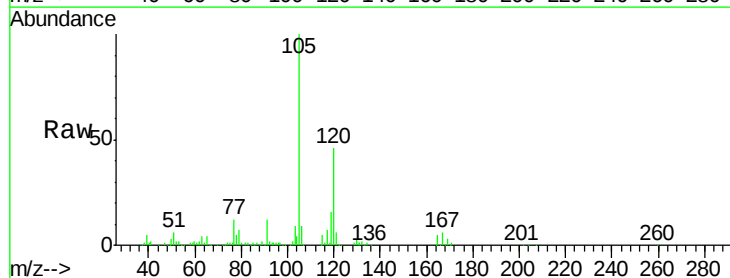
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Tot Ion:119 Resp: 105056
 Ion Ratio Lower Upper
 119 100
 91 65.8 30.8 92.3
 134 26.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.554 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion:105 Resp: 117830
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.058 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

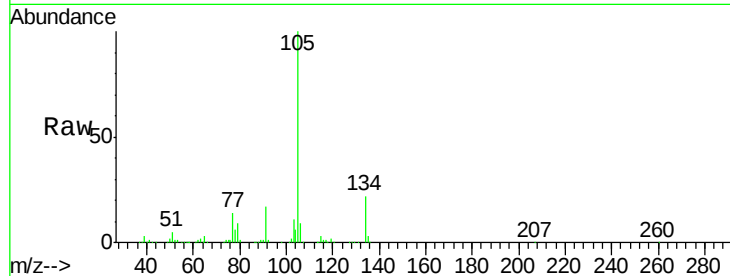
VY0429SBS01

Tot Ion:105 Resp: 132893

Ion Ratio Lower Upper

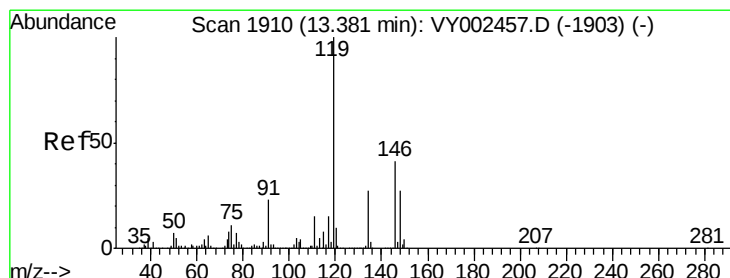
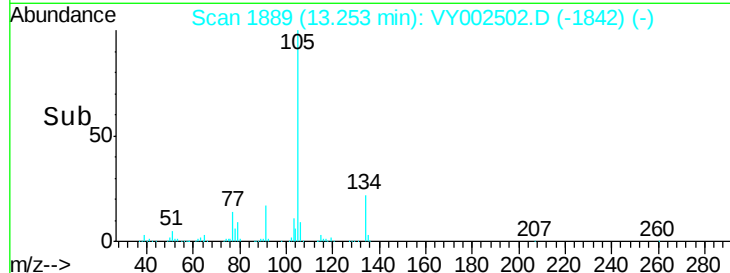
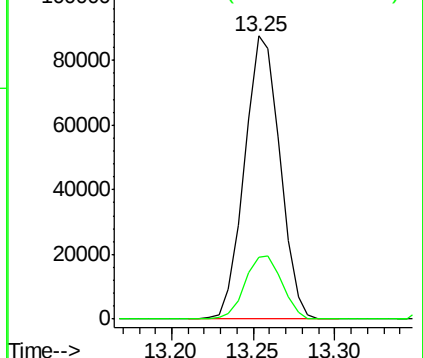
105 100

134 23.3 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.543 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

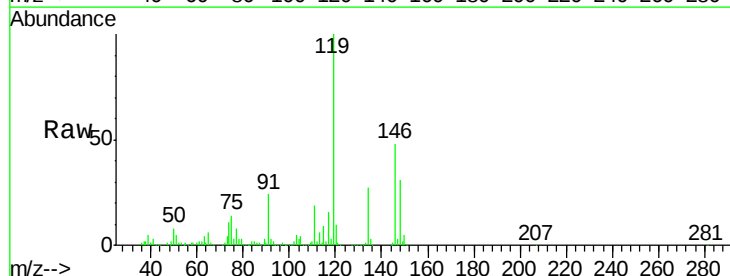
Tgt Ion:119 Resp: 136122

Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

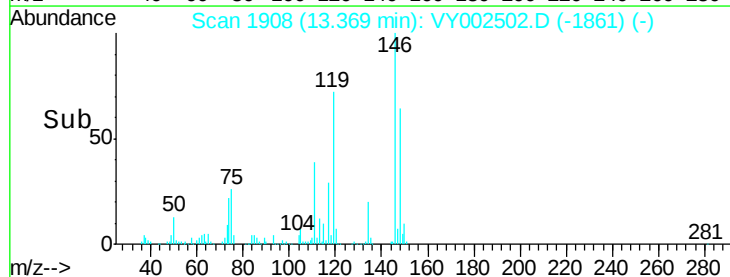
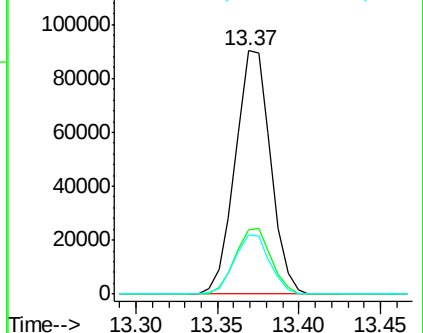
91 24.6 11.5 34.4

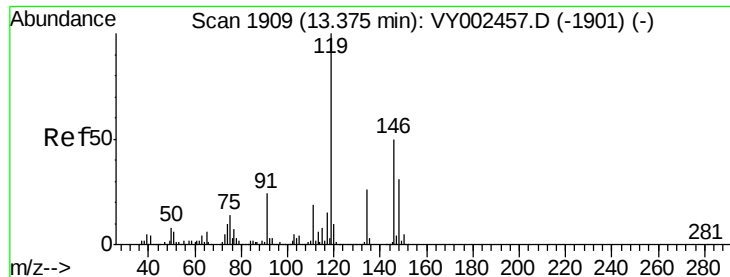


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

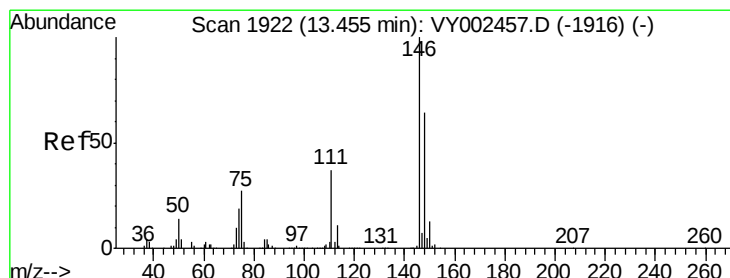
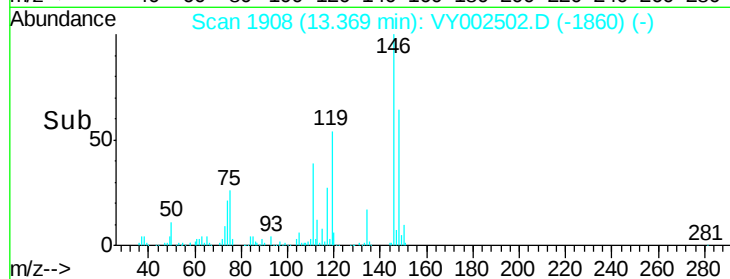
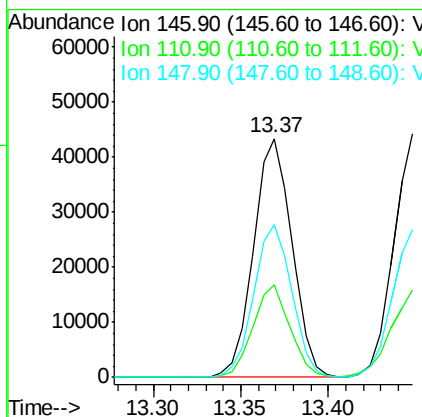
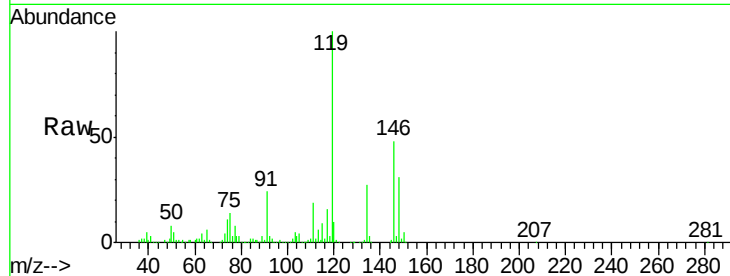




#87
 1,3-Dichlorobenzene
 Concen: 21.227 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

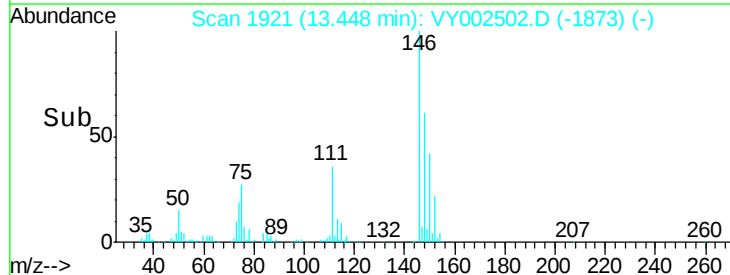
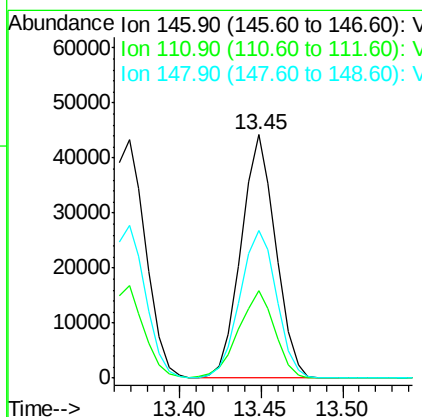
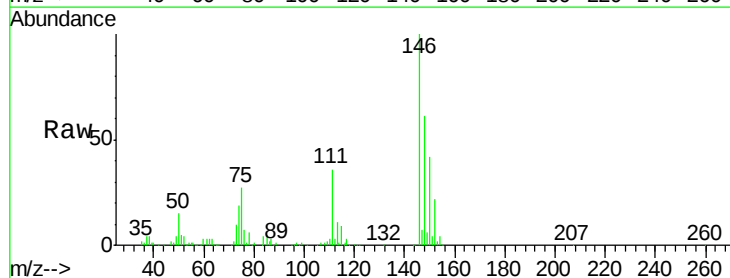
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

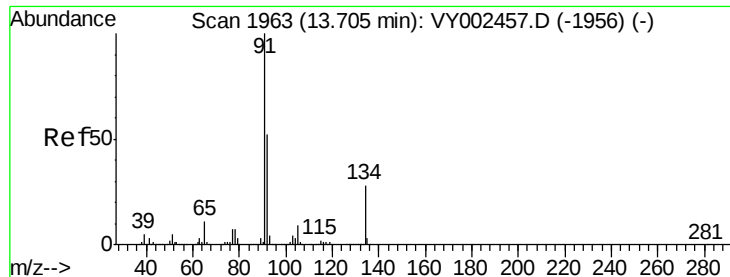
Tot Ion:146 Resp: 66107
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.126 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion:146 Resp: 65420
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.197 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

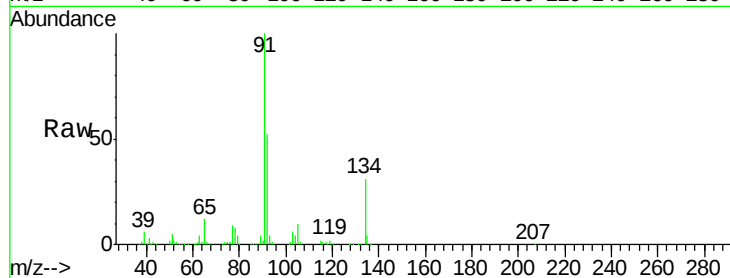
Tot Ion: 91 Resp: 111898

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.4

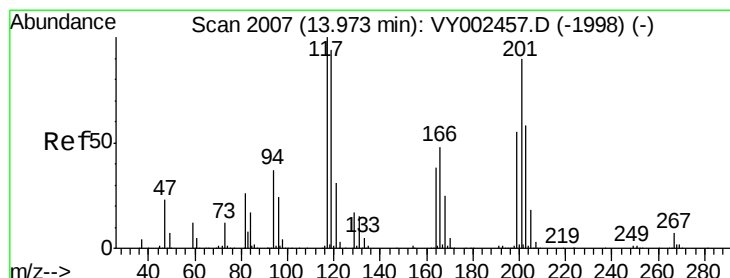
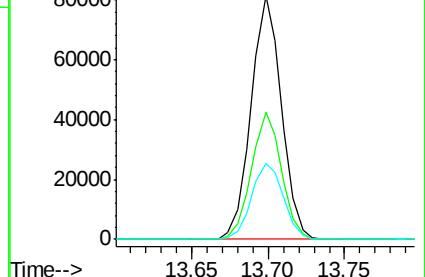
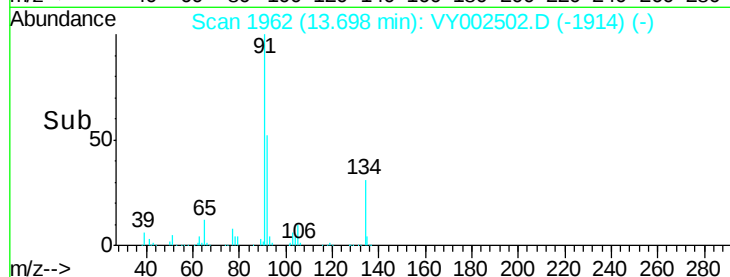
134 32.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VY002457.D (-1956) (-)

Ion 134.00 (133.70 to 134.70): VY002457.D (-1956) (-)



#90

Hexachloroethane

Concen: 20.236 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002502.D

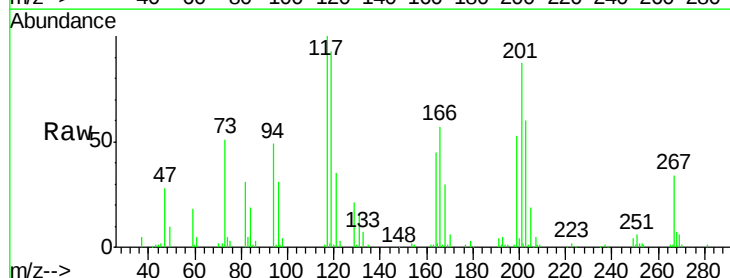
Acq: 29 Apr 2020 12:10

Tgt Ion: 117 Resp: 23111

Ion Ratio Lower Upper

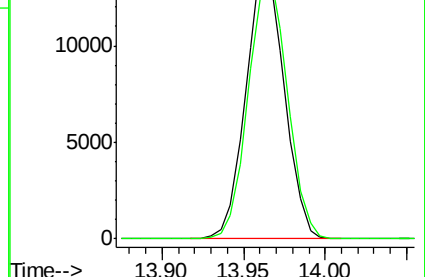
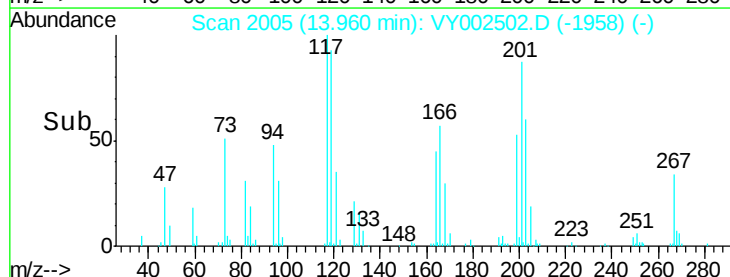
117 100

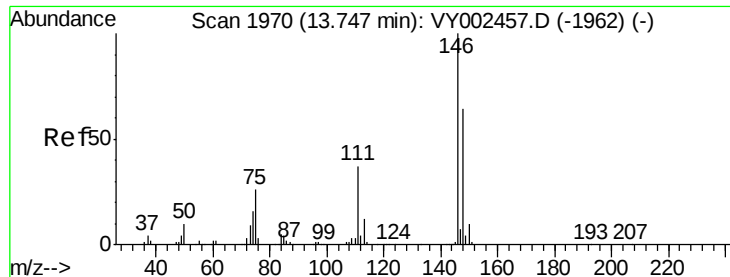
201 97.6 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): VY002457.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002457.D (-1998) (-)





#91

1,2-Dichlorobenzene

Concen: 22.105 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

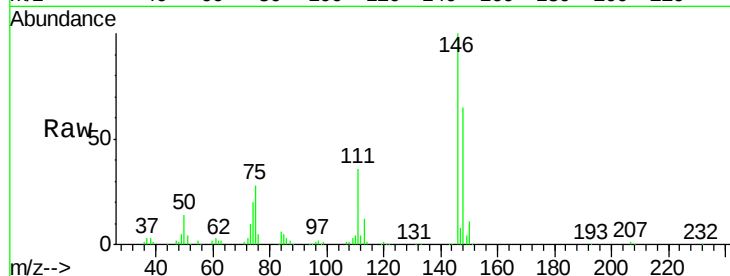
Tot Ion:146 Resp: 59283

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

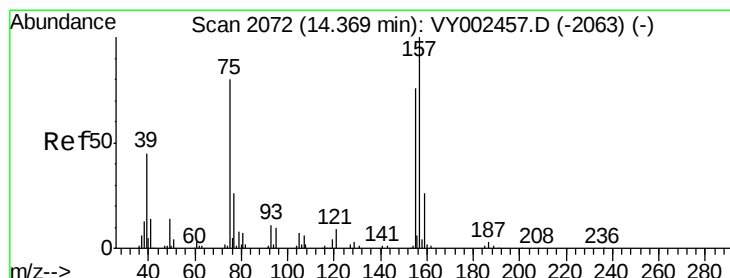
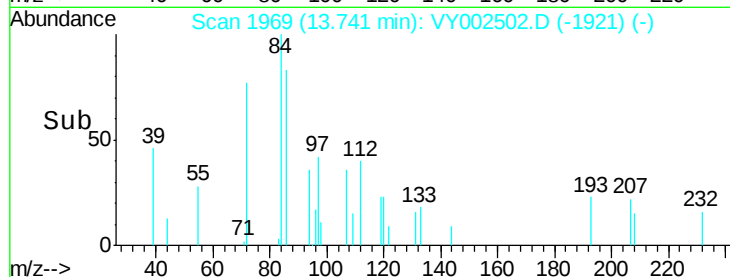
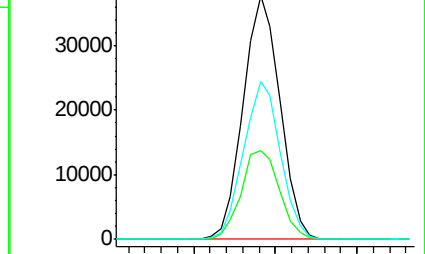
148 64.9 31.6 94.7



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: 23.541 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY002502.D

Acq: 29 Apr 2020 12:10

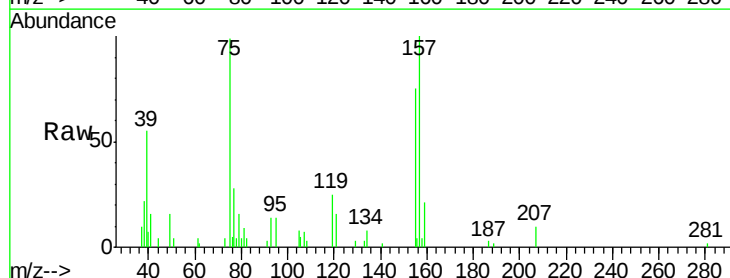
Tgt Ion: 75 Resp: 4819

Ion Ratio Lower Upper

75 100

155 91.4 49.6 149.0

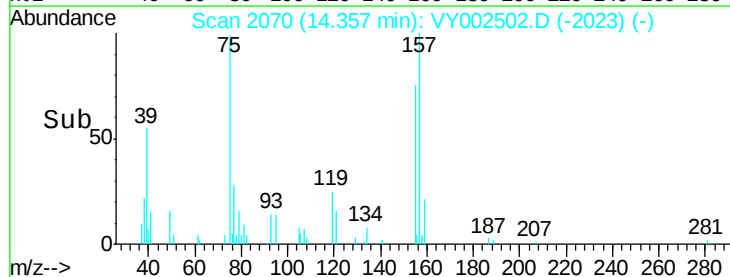
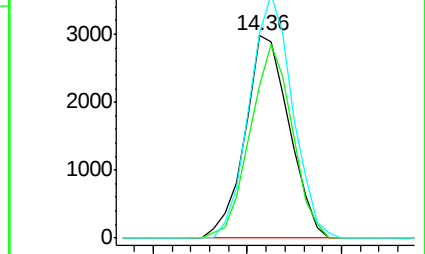
157 116.8 62.6 187.9

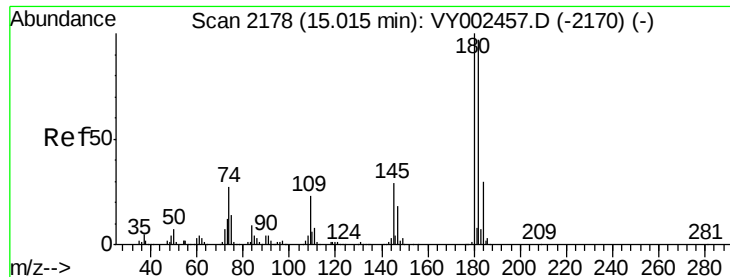


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

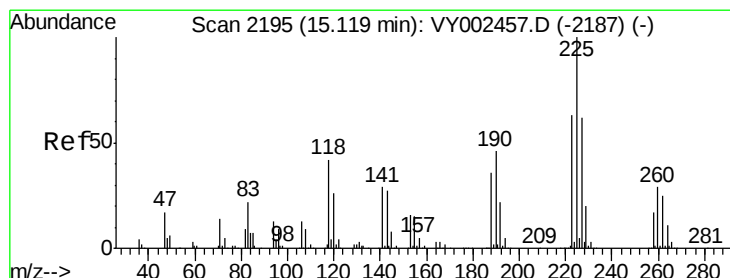
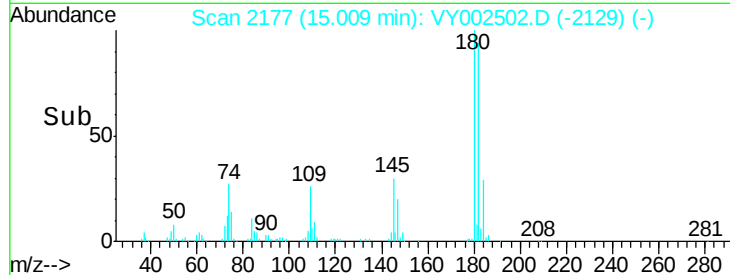
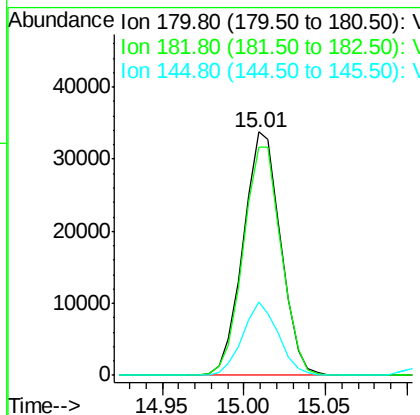
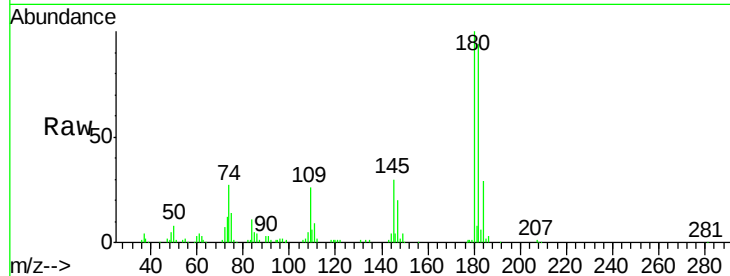




#93
 1,2,4-Trichlorobenzene
 Concen: 25.538 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

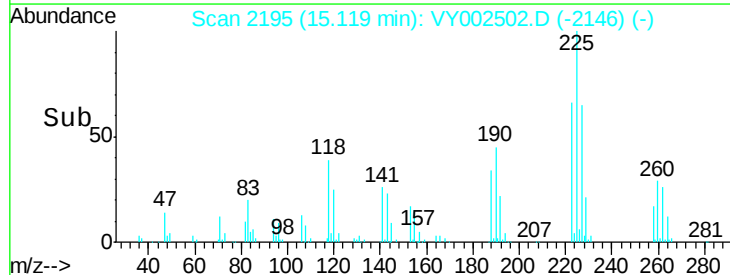
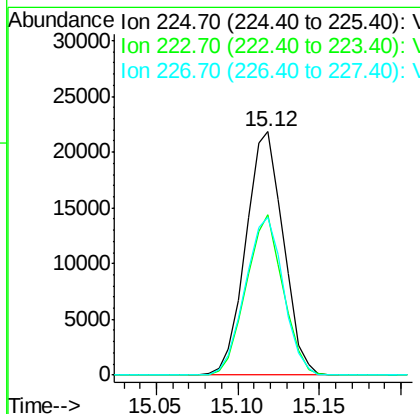
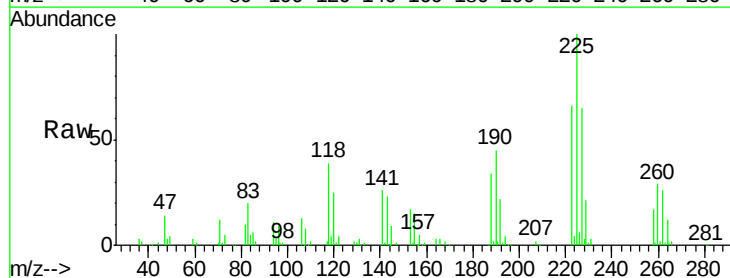
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

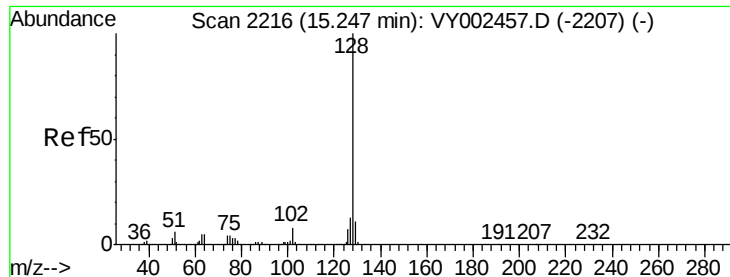
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.7
145	28.8	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 27.334 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002502.D
 Acq: 29 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.1	93.3
227	65.8	31.5	94.5

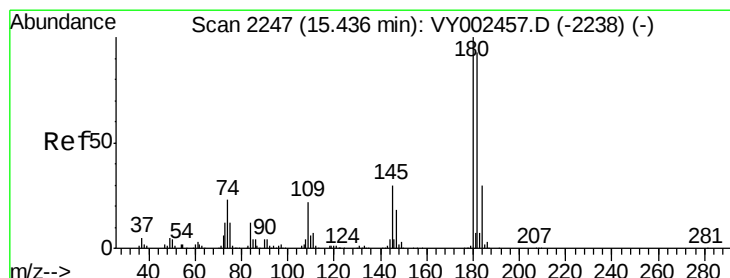
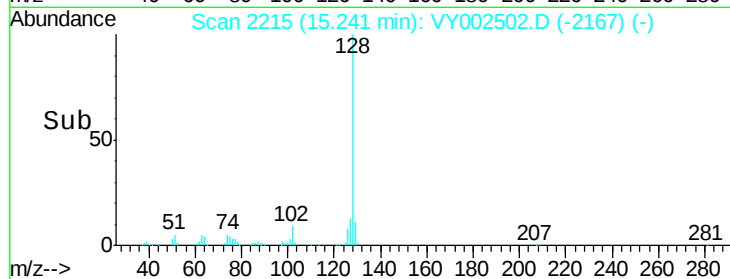
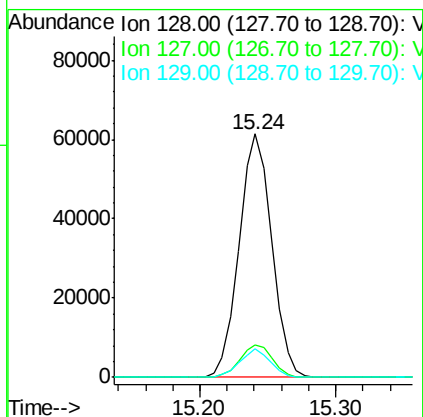
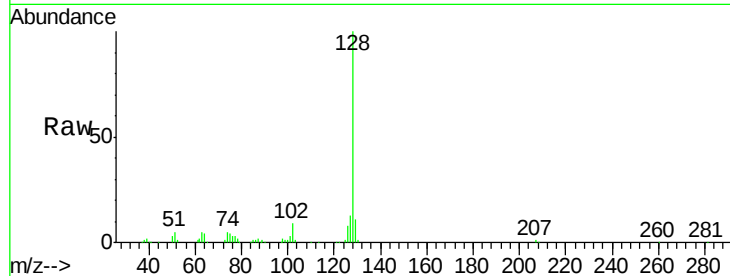




#95
Naphthalene
Concen: 26.189 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion:128 Resp: 102810
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 28.247 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002502.D
Acq: 29 Apr 2020 12:10

Tgt Ion:180 Resp: 50714
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.6
145 31.0 15.3 45.9

