

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002501.D
 Acq On : 29 Apr 2020 11:49
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 04:33:41 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	260714	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	370056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	175458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	101119	44.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.76%	
35) Dibromofluoromethane	7.74	113	93942	45.01	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.02%	
50) Toluene-d8	10.19	98	383062	45.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.49	95	126296	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	41098	21.525	ug/l	99
3) Chloromethane	2.13	50	50866	20.938	ug/l	99
4) Vinyl Chloride	2.26	62	29964	17.169	ug/l	94
5) Bromomethane	2.66	94	23134	23.619	ug/l	93
6) Chloroethane	2.80	64	19078	22.468	ug/l	93
7) Trichlorofluoromethane	3.14	101	70794	22.371	ug/l	98
8) Diethyl Ether	3.55	74	25068	19.218	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	45035	20.674	ug/l	98
10) Methyl Iodide	4.11	142	62384	18.564	ug/l	97
11) Tert butyl alcohol	4.97	59	20821	97.080	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	45339	20.315	ug/l	92
13) Acrolein	3.75	56	14086	82.045	ug/l	98
14) Allyl chloride	4.50	41	59280	18.074	ug/l	98
15) Acrylonitrile	5.19	53	54988	88.106	ug/l	99
16) Acetone	3.97	43	43221	90.759	ug/l	98
17) Carbon Disulfide	4.22	76	130007	18.681	ug/l	96
18) Methyl Acetate	4.50	43	24897	16.247	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	114678	19.042	ug/l	100
20) Methylene Chloride	4.74	84	50279	18.493	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	48291	19.219	ug/l	93
22) Diisopropyl ether	6.14	45	117735	18.155	ug/l	94
23) Vinyl Acetate	6.08	43	365984	88.814	ug/l	100
24) 1,1-Dichloroethane	6.04	63	74162	18.889	ug/l	98
25) 2-Butanone	7.01	43	62071	85.079	ug/l	100
26) 2,2-Dichloropropane	7.00	77	79961	21.295	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	52734	19.295	ug/l	97
28) Bromochloromethane	7.35	49	26344	17.199	ug/l	89
29) Tetrahydrofuran	7.36	42	38883	80.386	ug/l	95
30) Chloroform	7.52	83	83096	19.877	ug/l	97
31) Cyclohexane	7.80	56	71757	18.277	ug/l #	93
32) 1,1,1-Trichloroethane	7.72	97	82293	20.833	ug/l	99
36) 1,1-Dichloropropene	7.94	75	62323	19.641	ug/l	98
37) Ethyl Acetate	7.10	43	27850	17.471	ug/l	98
38) Carbon Tetrachloride	7.92	117	79263	21.723	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	82911	20.031	ug/l	96
40) Benzene	8.18	78	185116	20.185	ug/l	98
41) Methacrylonitrile	7.33	41	14276m	14.536	ug/l	
42) 1,2-Dichloroethane	8.25	62	54649	20.513	ug/l	99
43) Isopropyl Acetate	8.29	43	52057	17.460	ug/l	97
44) Trichloroethene	8.95	130	58467	20.388	ug/l	98
45) 1,2-Dichloropropane	9.23	63	40375	19.102	ug/l	93
46) Dibromomethane	9.32	93	24362	19.700	ug/l	98
47) Bromodichloromethane	9.51	83	63415	20.506	ug/l	98
48) Methyl methacrylate	9.30	41	24202	17.781	ug/l	97
49) 1,4-Dioxane	9.31	88	5969	378.742	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	140134	90.489	ug/l	98
52) Toluene	10.25	92	119591	20.257	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	63932	19.685	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	73727	19.834	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	36255	19.828	ug/l	97
56) Ethyl methacrylate	10.52	69	44477	17.802	ug/l	99
57) 1,3-Dichloropropane	10.80	76	60480	19.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	110390	91.370	ug/l	97
59) 2-Hexanone	10.84	43	91897	85.133	ug/l	98
60) Dibromochloromethane	10.99	129	40701	16.988	ug/l	99
61) 1,2-Dibromoethane	11.10	107	27992	15.438	ug/l	100
64) Tetrachloroethene	10.73	164	64704	24.220	ug/l	96
65) Chlorobenzene	11.52	112	115583	20.568	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	52117	24.717	ug/l	99
67) Ethyl Benzene	11.60	91	236724	23.636	ug/l	99
68) m/p-Xylenes	11.70	106	184116	47.753	ug/l	98
69) o-Xylene	12.03	106	86695	24.281	ug/l	100
70) Styrene	12.05	104	149024	23.971	ug/l	100
71) Bromoform	12.22	173	30765	23.161	ug/l #	100
73) Isopropylbenzene	12.33	105	241388	20.578	ug/l	99
74) N-amyl acetate	12.15	43	46708	16.804	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	32207	17.877	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	28633m	19.254	ug/l	
77) Bromobenzene	12.61	156	59708	20.295	ug/l	96
78) n-propylbenzene	12.67	91	272212	19.987	ug/l	98
79) 2-Chlorotoluene	12.76	91	150741	20.227	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	203583	20.449	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14115	17.564	ug/l	96
82) 4-Chlorotoluene	12.86	91	158620	20.593	ug/l	99
83) tert-Butylbenzene	13.08	119	181196	20.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	203243	21.278	ug/l	100
85) sec-Butylbenzene	13.26	105	242753	20.970	ug/l	99
86) p-Isopropyltoluene	13.38	119	233598	21.159	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	114812	21.100	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	112788	20.846	ug/l	99
89) n-Butylbenzene	13.70	91	202535	19.887	ug/l	98
90) Hexachloroethane	13.97	117	40610	20.351	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	101416	21.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6601	18.456	ug/l	99

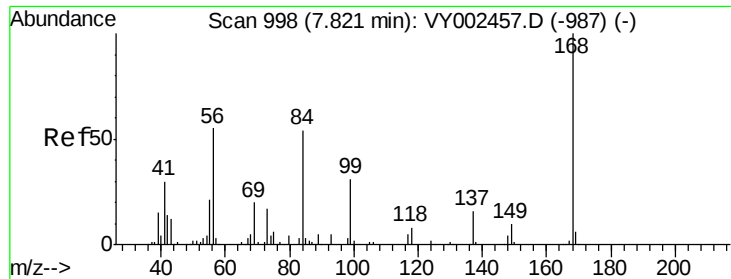
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	74048	20.022	ug/l	99
94) Hexachlorobutadiene	15.12	225	46991	21.053	ug/l	100
95) Naphthalene	15.24	128	125578	18.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	62142	19.810	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: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

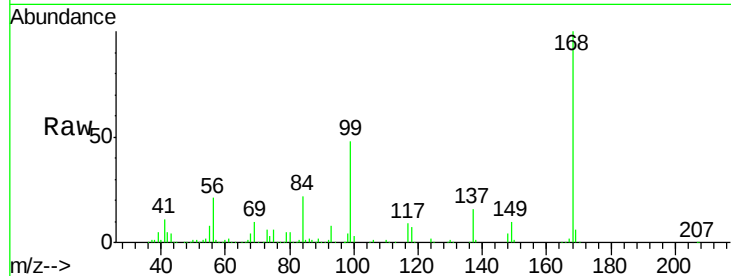
VY0429SBS01

Tot Ion:168 Resp: 260714

Ion Ratio Lower Upper

168 100

99 48.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

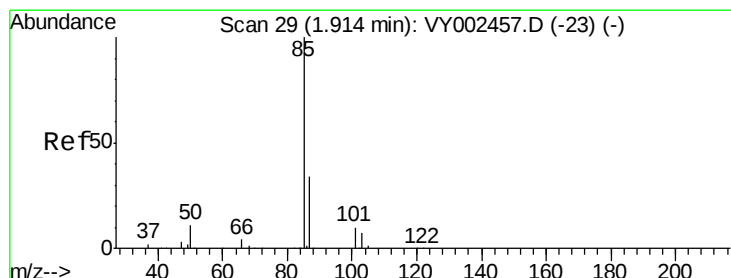
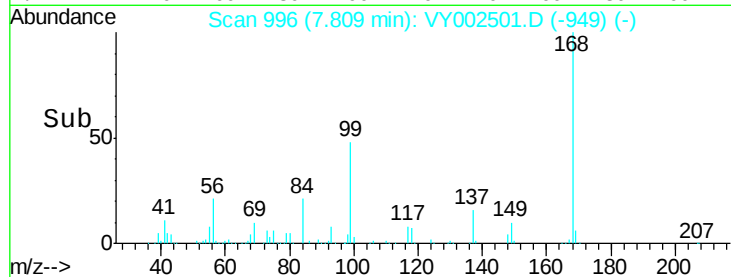
7.81

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.525 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002501.D

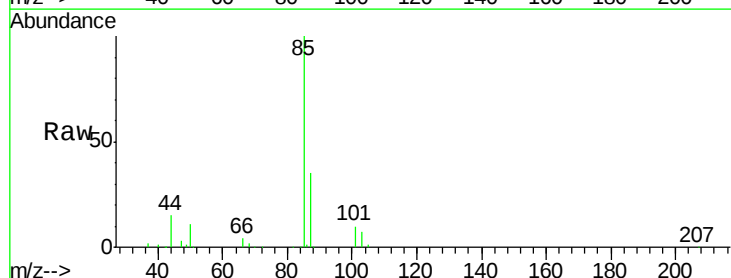
Acq: 29 Apr 2020 11:49

Tgt Ion: 85 Resp: 41098

Ion Ratio Lower Upper

85 100

87 34.5 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

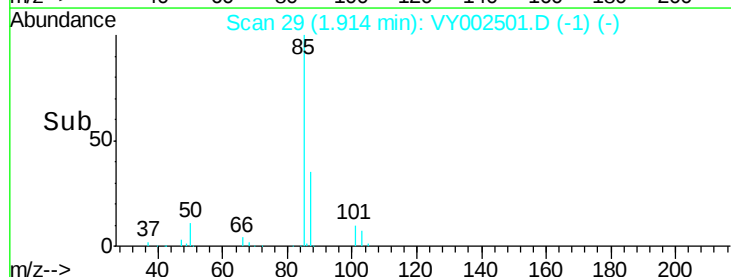
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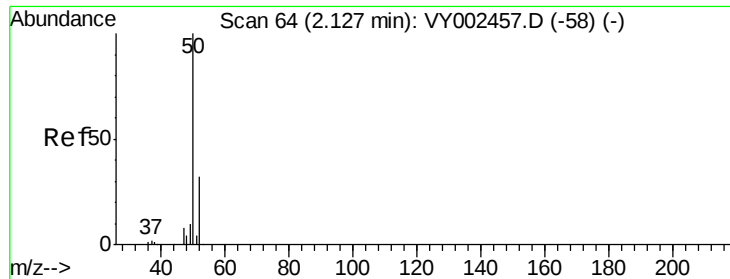
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.938 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

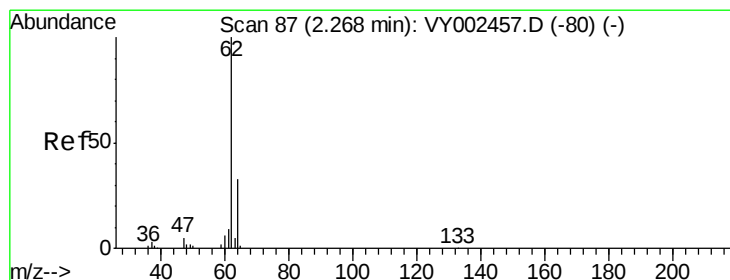
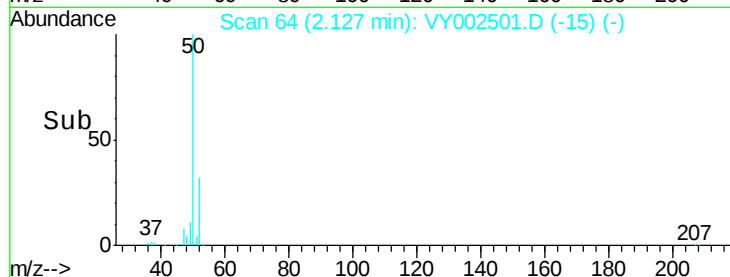
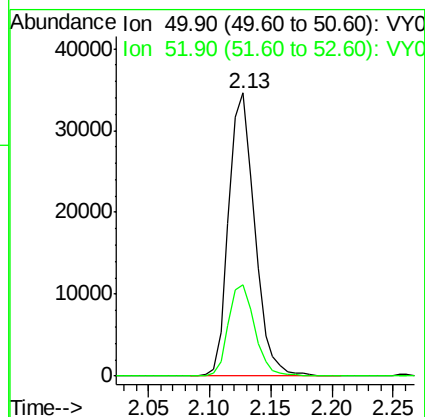
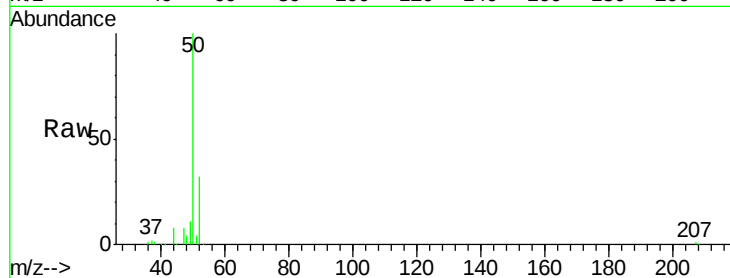
VY0429SBS01

Tot Ion: 50 Resp: 50866

Ion Ratio Lower Upper

50 100

52 32.1 25.2 37.8



#4

Vinyl Chloride

Concen: 17.169 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002501.D

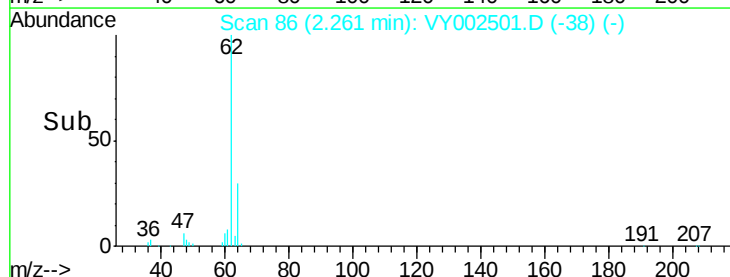
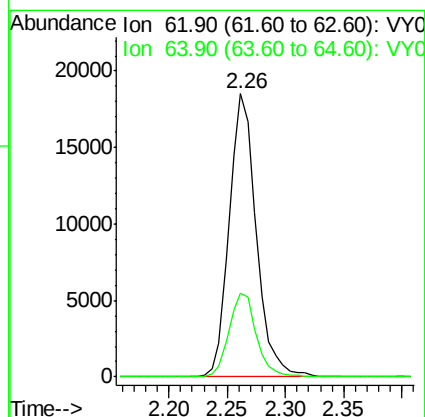
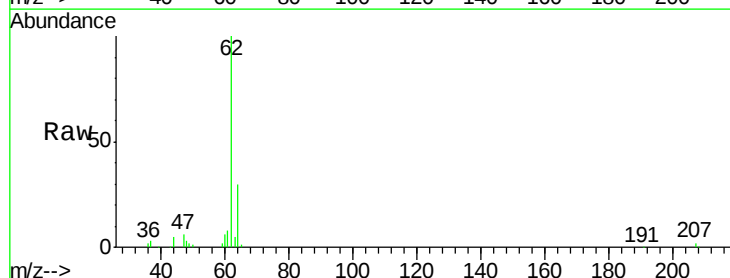
Acq: 29 Apr 2020 11:49

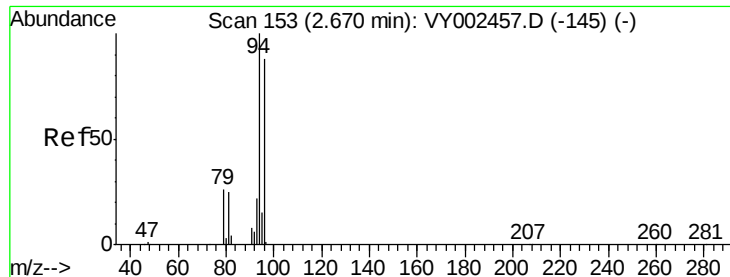
Tgt Ion: 62 Resp: 29964

Ion Ratio Lower Upper

62 100

64 29.7 26.6 39.8





#5

Bromomethane

Concen: 23.619 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

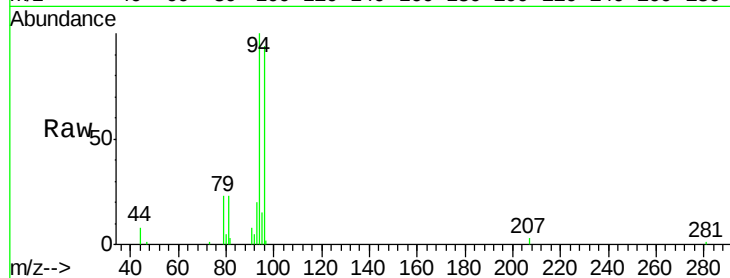
VY0429SBS01

Tot Ion: 94 Resp: 23134

Ion Ratio Lower Upper

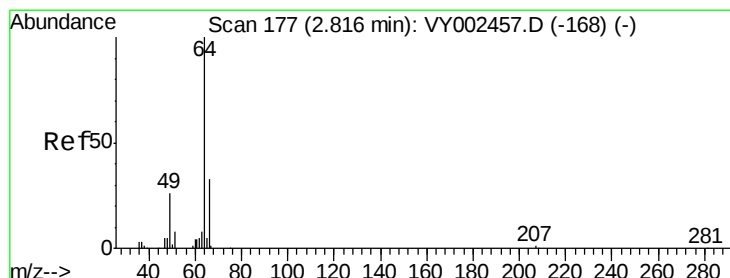
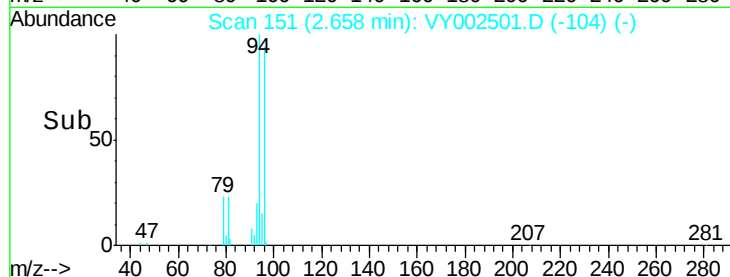
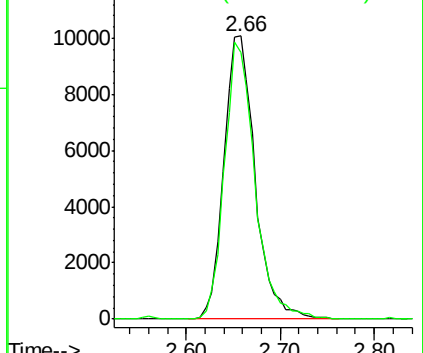
94 100

96 94.0 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: 22.468 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002501.D

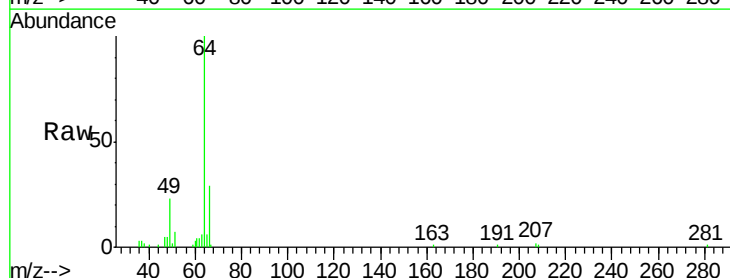
Acq: 29 Apr 2020 11:49

Tgt Ion: 64 Resp: 19078

Ion Ratio Lower Upper

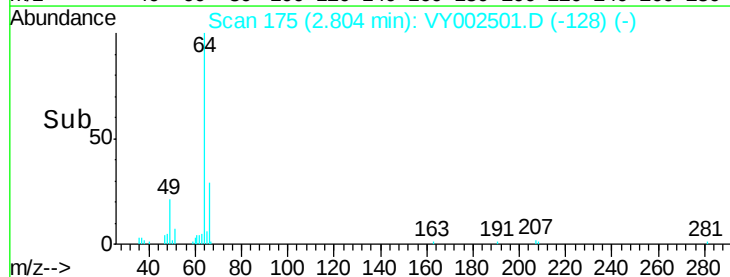
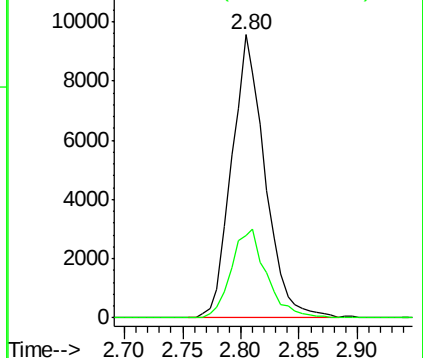
64 100

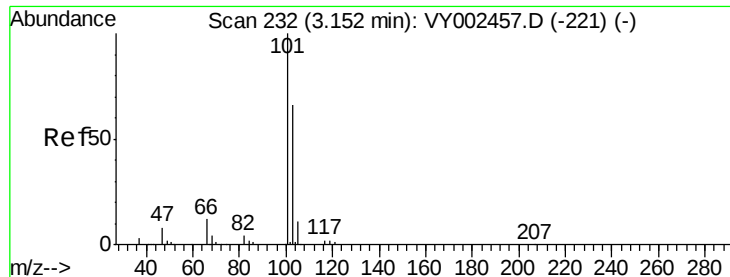
66 29.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



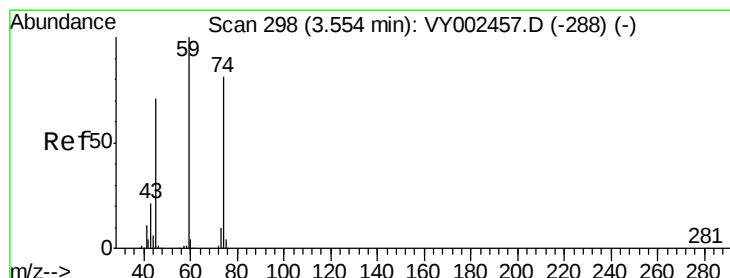
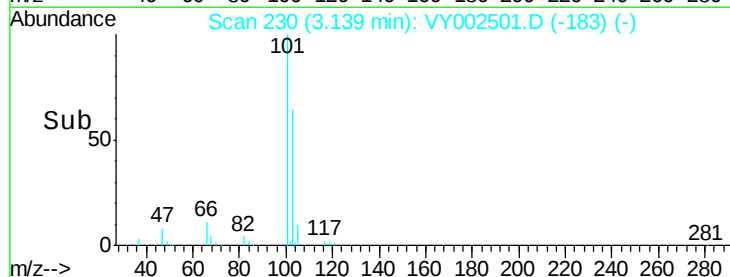
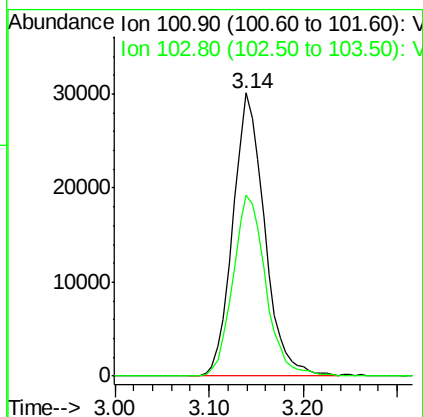
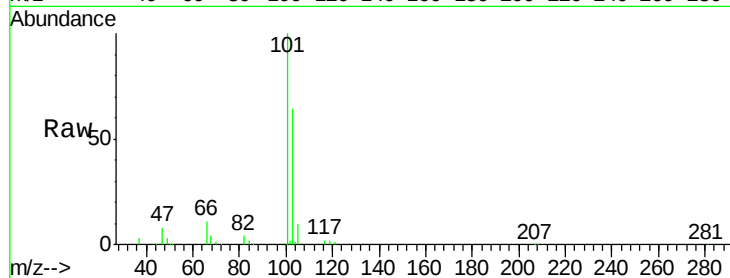


#7

Trichlorofluoromethane
 Concen: 22.371 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Instrument :
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 VY0429SBS01

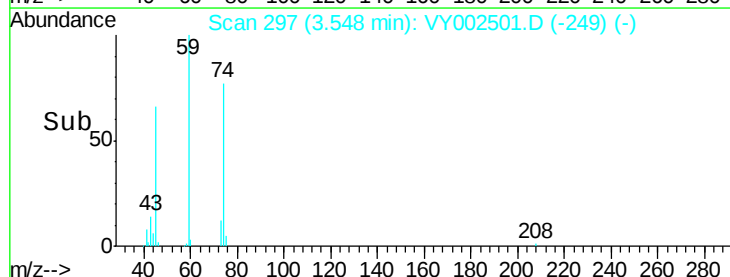
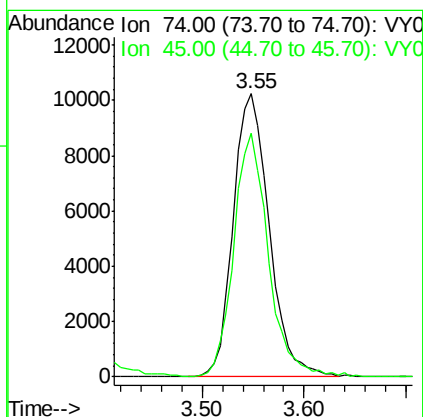
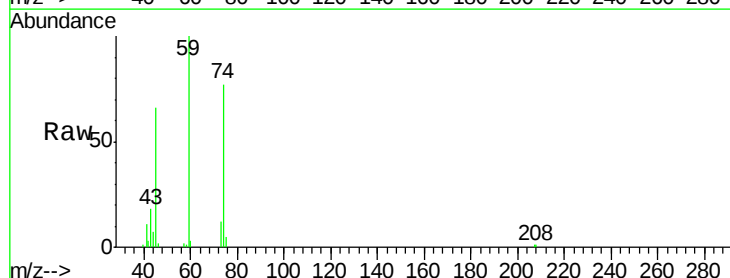
Tot Ion:101 Resp: 70794
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.5 78.7

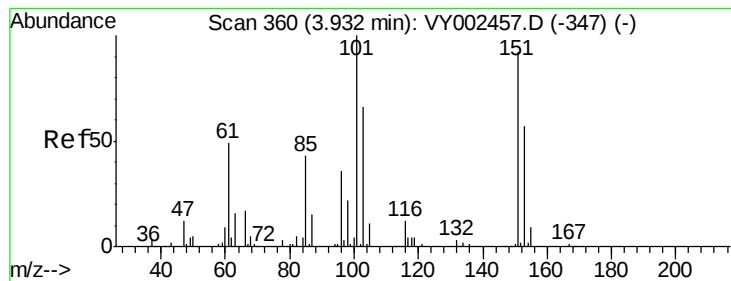


#8

Diethyl Ether
 Concen: 19.218 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion: 74 Resp: 25068
 Ion Ratio Lower Upper
 74 100
 45 82.7 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.674 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

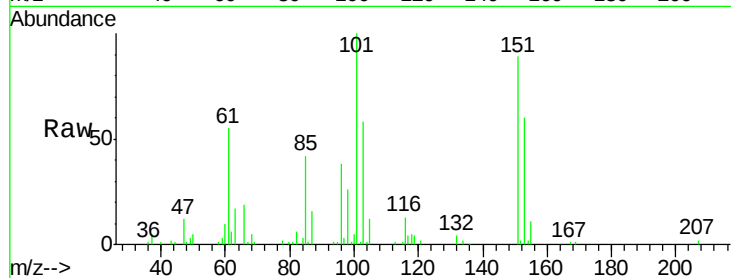
Tot Ion:101 Resp: 45035

Ion Ratio Lower Upper

101 100

85 42.8 34.1 51.1

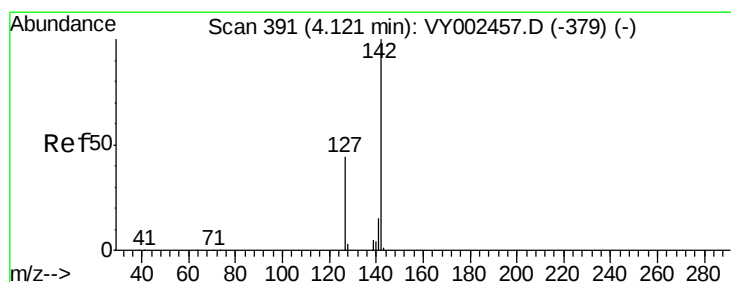
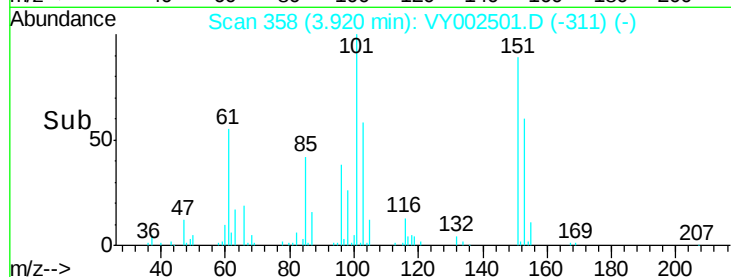
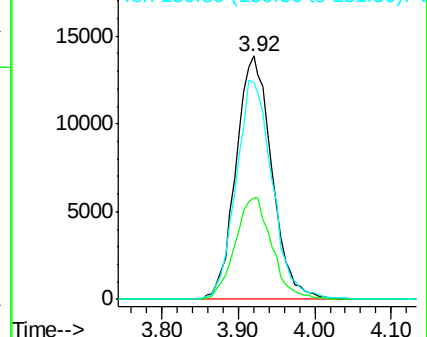
151 90.7 70.3 105.5



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: 18.564 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

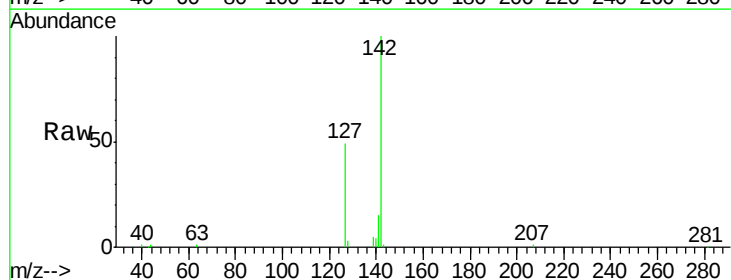
Tgt Ion:142 Resp: 62384

Ion Ratio Lower Upper

142 100

127 47.3 35.8 53.8

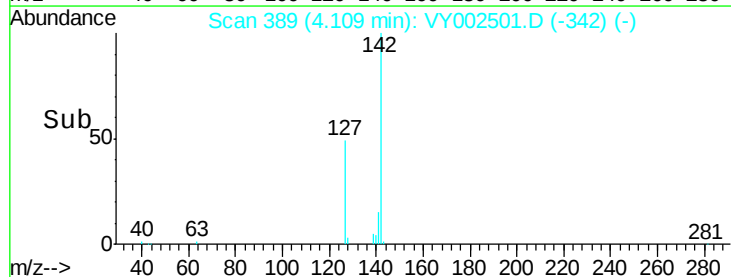
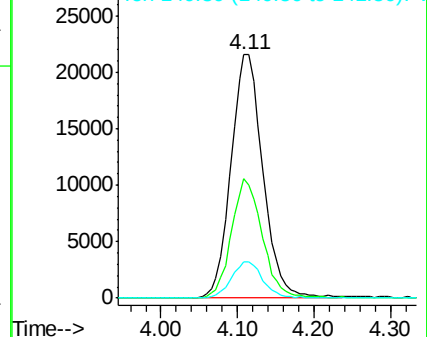
141 14.7 11.6 17.4

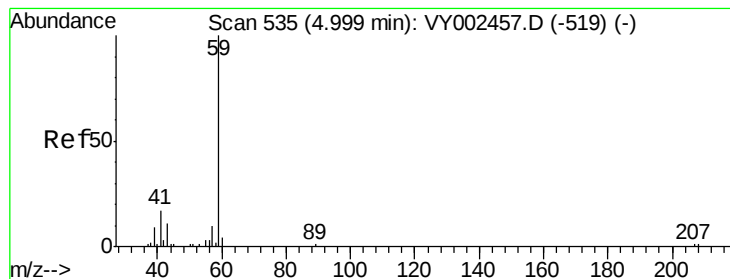


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.080 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

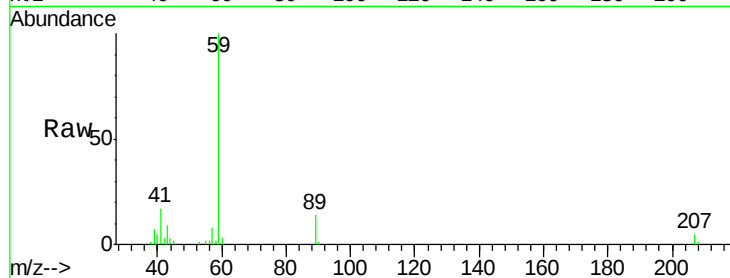
VY0429SBS01

Tot Ion: 59 Resp: 20821

Ion Ratio Lower Upper

59 100

57 7.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

6000

5000

4000

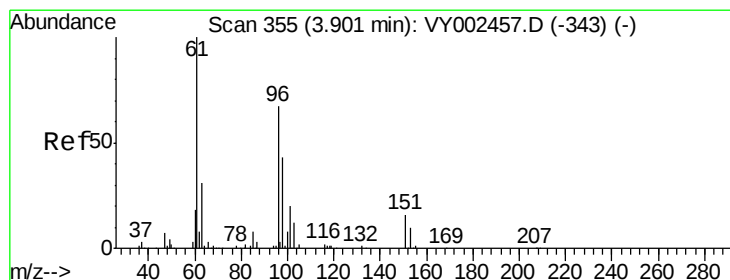
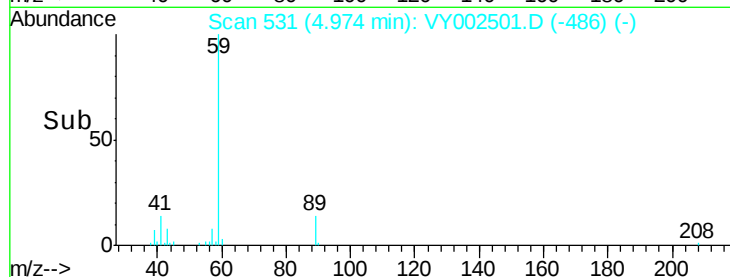
3000

2000

1000

0

Time--> 4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 20.315 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

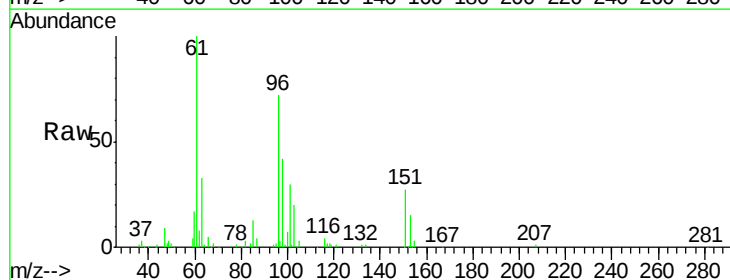
Tgt Ion: 96 Resp: 45339

Ion Ratio Lower Upper

96 100

61 138.9 119.0 178.6

98 59.0 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

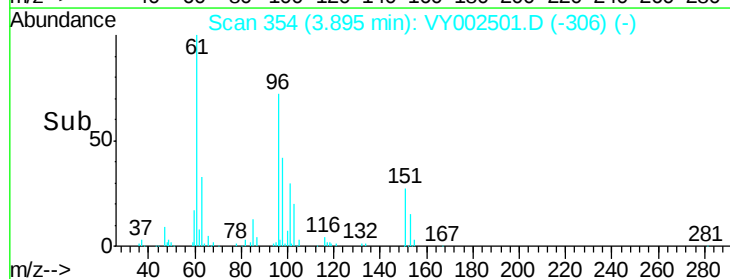
30000

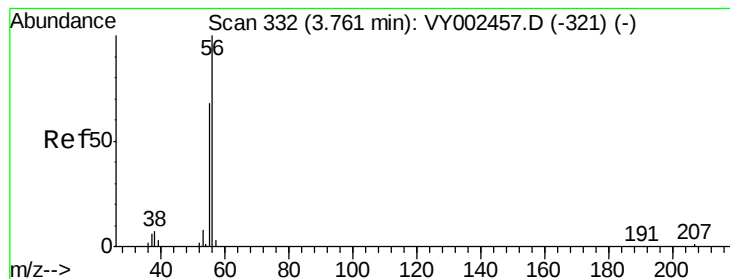
20000

10000

0

Time--> 3.80 3.90 4.00





#13

Acrolein

Concen: 82.045 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

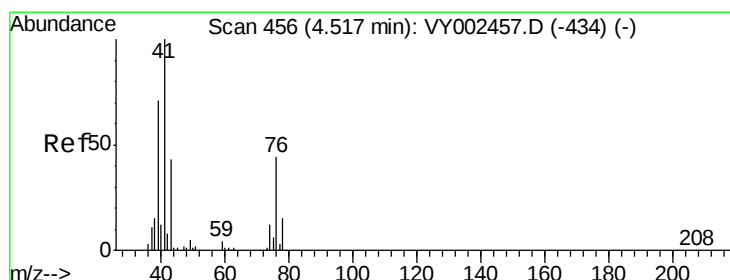
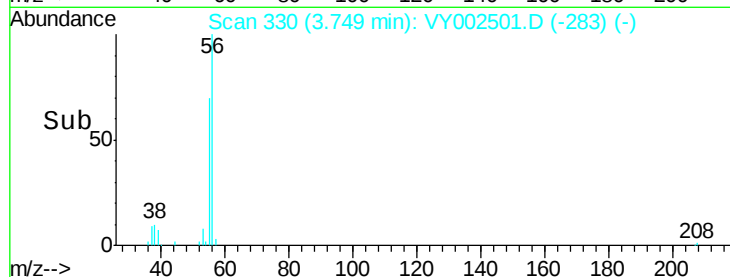
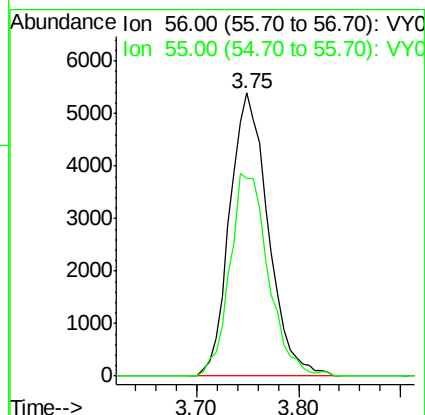
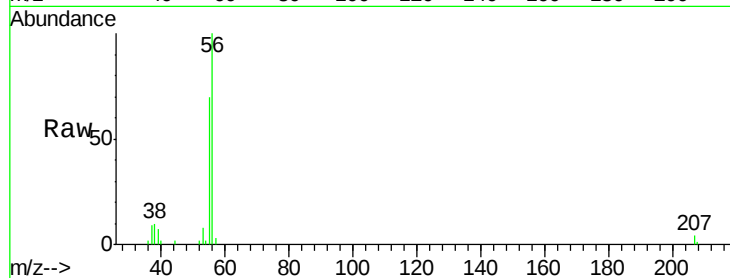
VY0429SBS01

Tot Ion: 56 Resp: 14086

Ion Ratio Lower Upper

56 100

55 71.6 55.8 83.6



#14

Allyl chloride

Concen: 18.074 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

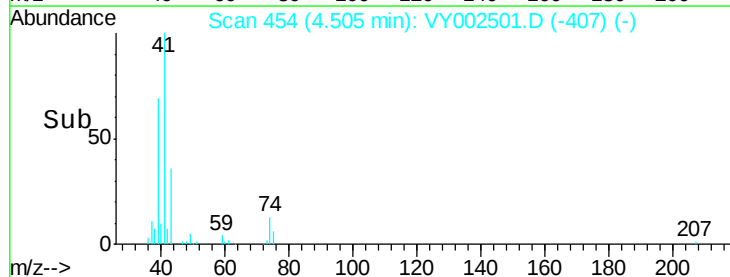
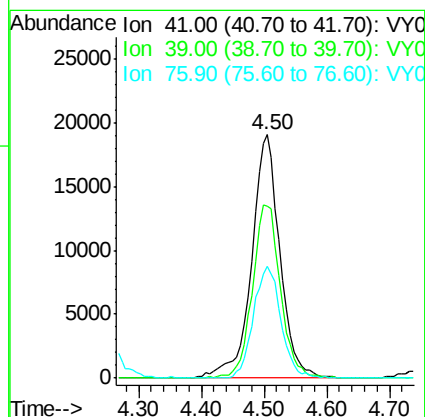
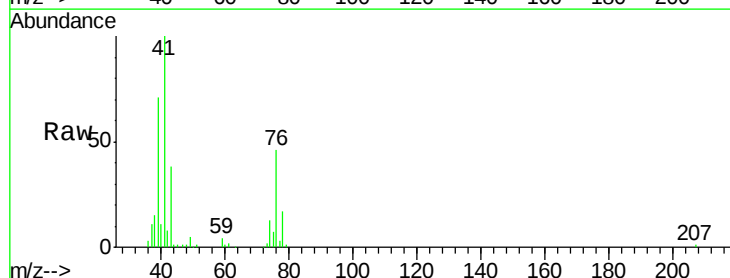
Tgt Ion: 41 Resp: 59280

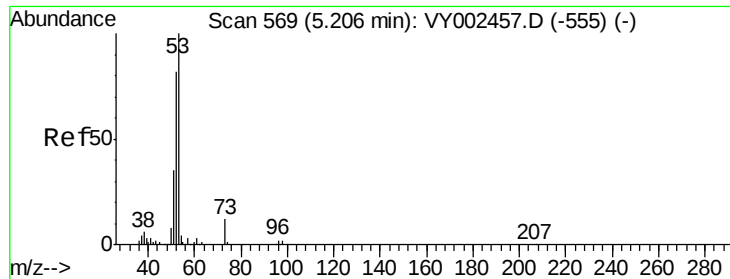
Ion Ratio Lower Upper

41 100

39 70.7 55.1 82.7

76 44.6 34.3 51.5





#15

Acrylonitrile

Concen: 88.106 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

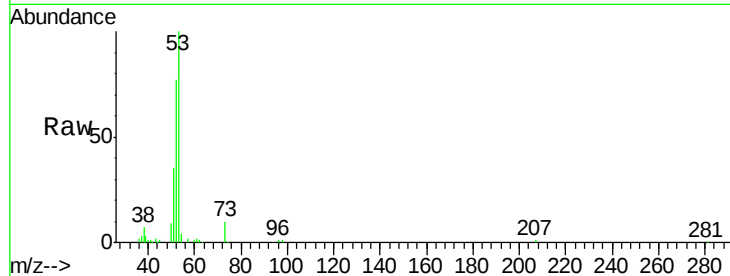
Tot Ion: 53 Resp: 54988

Ion Ratio Lower Upper

53 100

52 82.1 65.4 98.2

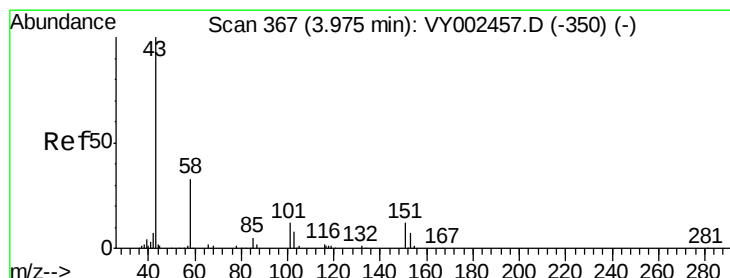
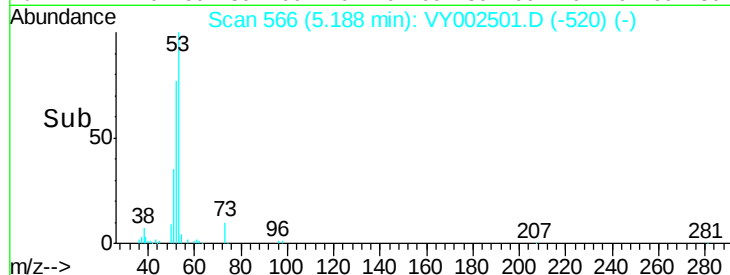
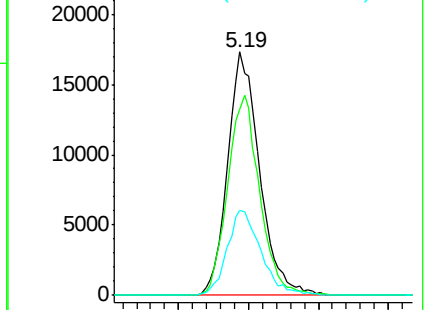
51 36.9 28.3 42.5



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: 90.759 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002501.D

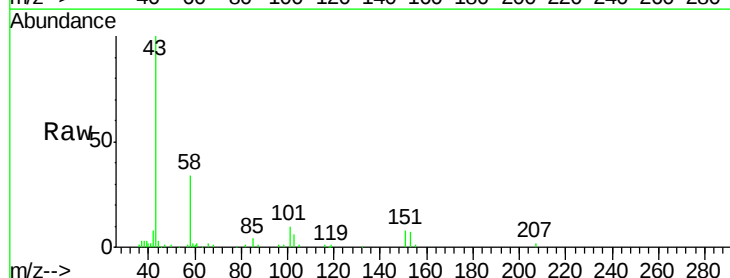
Acq: 29 Apr 2020 11:49

Tgt Ion: 43 Resp: 43221

Ion Ratio Lower Upper

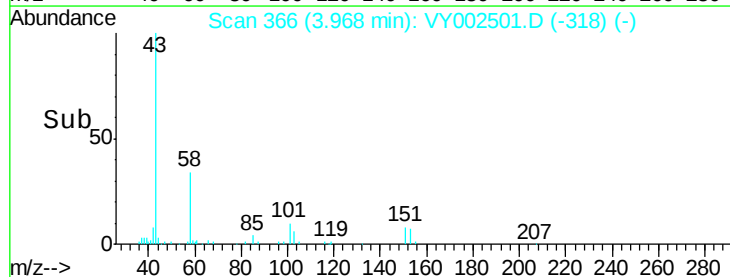
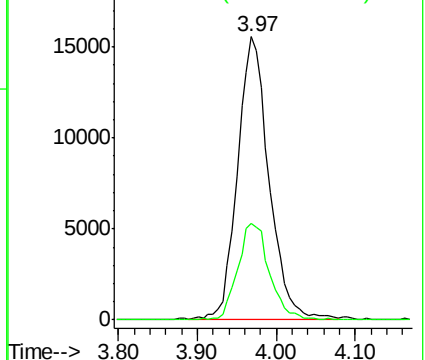
43 100

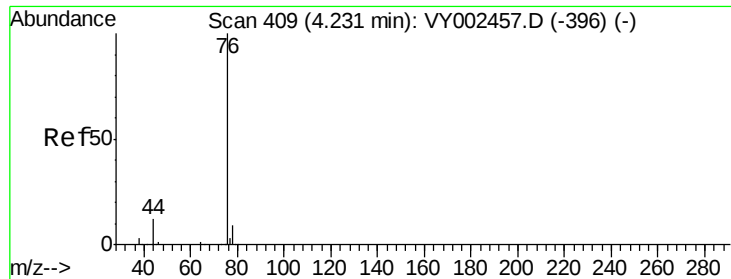
58 33.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

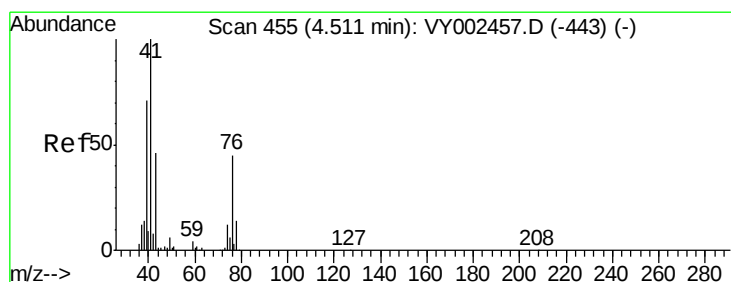
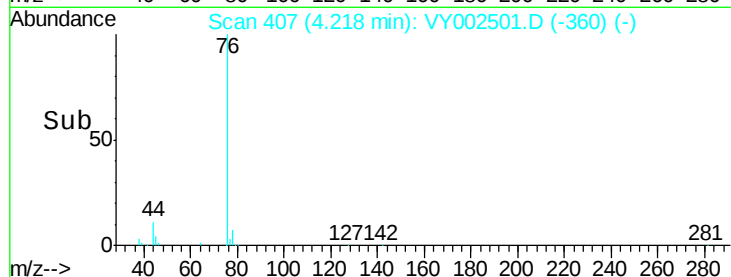
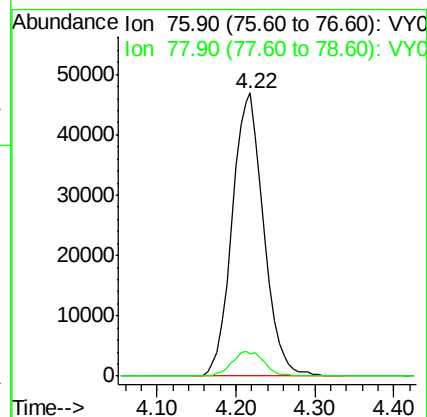
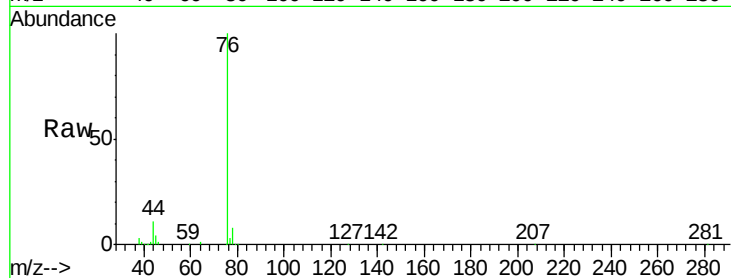




#17
Carbon Disulfide
Concen: 18.681 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

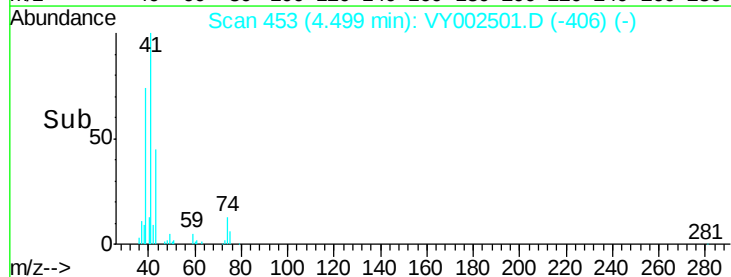
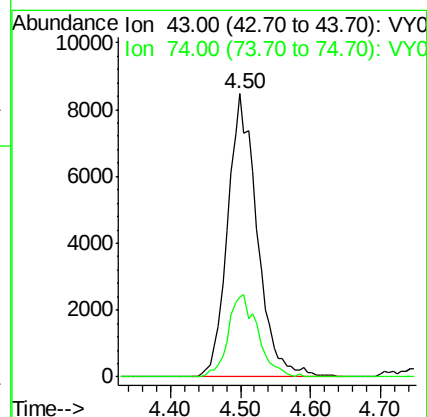
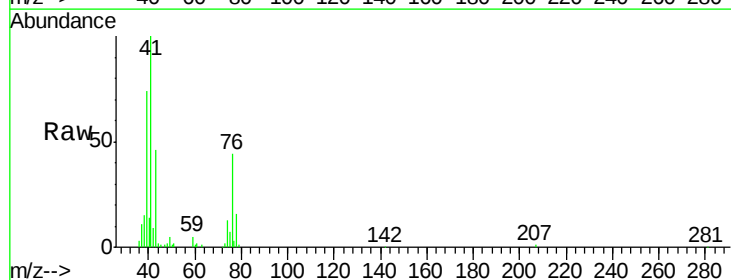
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

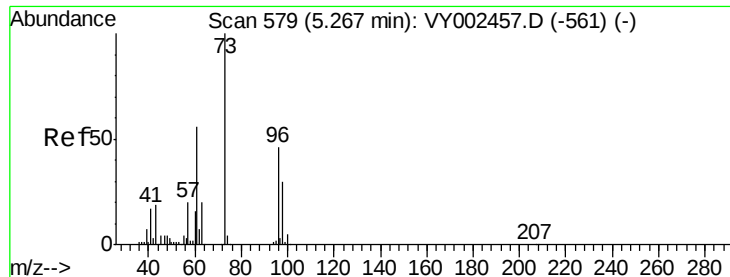
Tot Ion: 76 Resp: 130007
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9



#18
Methyl Acetate
Concen: 16.247 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 43 Resp: 24897
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0

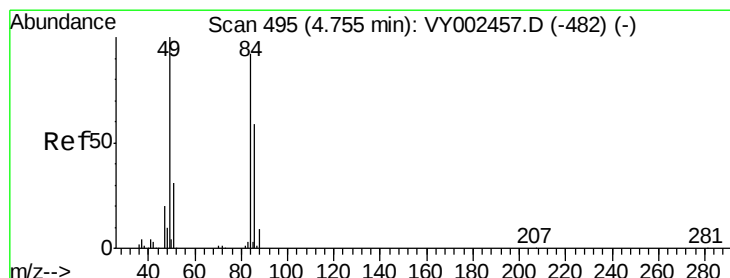
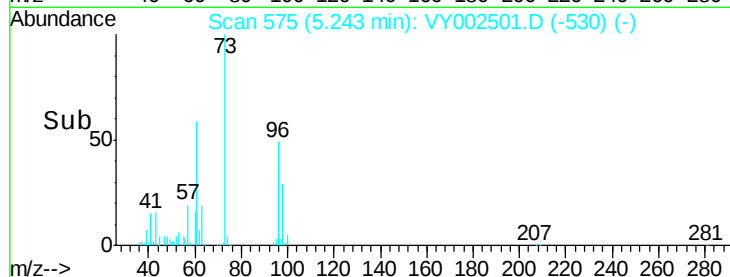
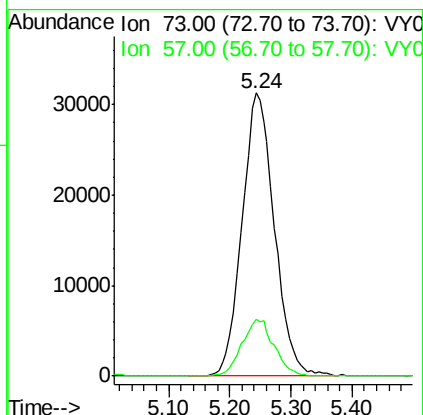
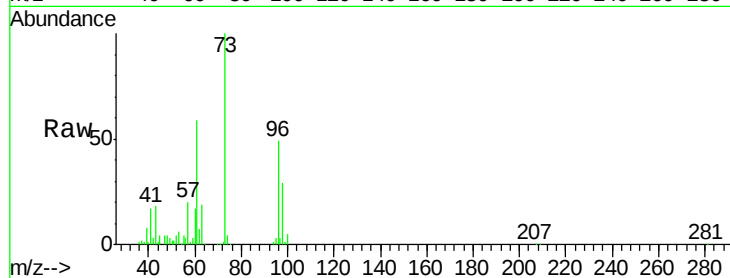




#19
Methvl tert-butvl Ether
Concen: 19.042 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.02 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

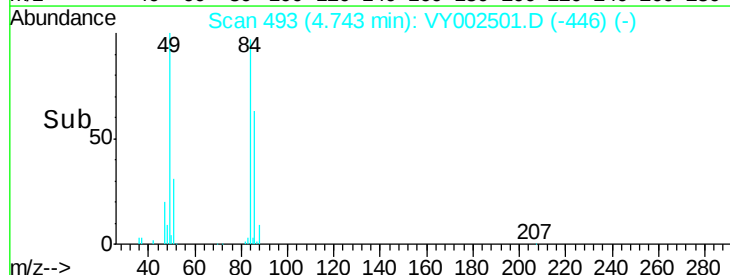
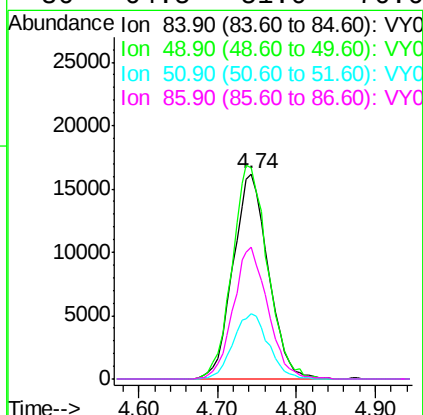
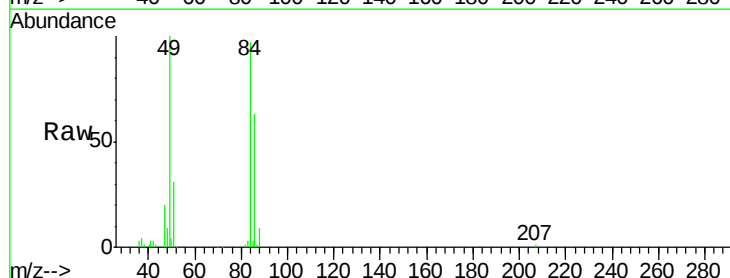
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

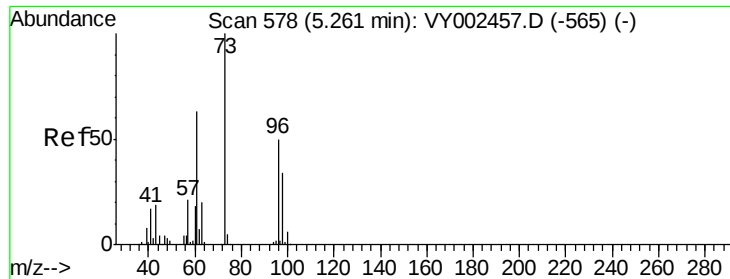
Tot Ion: 73 Resp: 114678
Ion Ratio Lower Upper
73 100
57 20.2 16.0 24.0



#20
Methylene Chloride
Concen: 18.493 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 84 Resp: 50279
Ion Ratio Lower Upper
84 100
49 102.8 86.9 130.3
51 32.0 27.3 40.9
86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.219 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

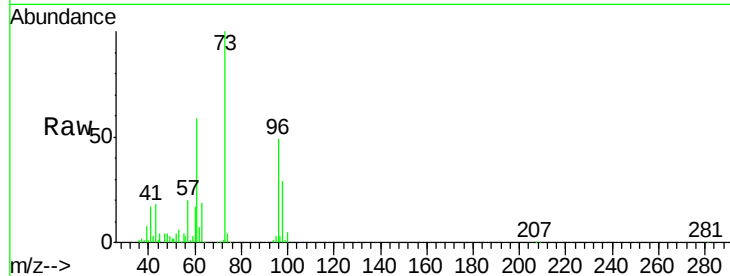
Tot Ion: 96 Resp: 48291

Ion Ratio Lower Upper

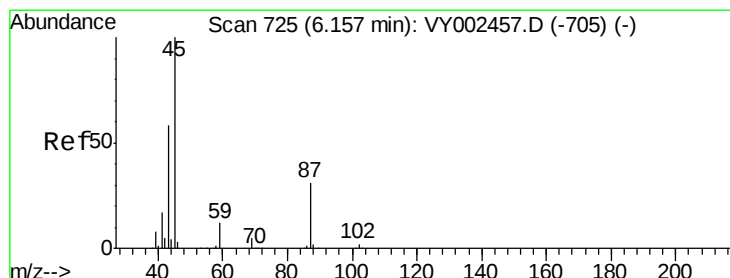
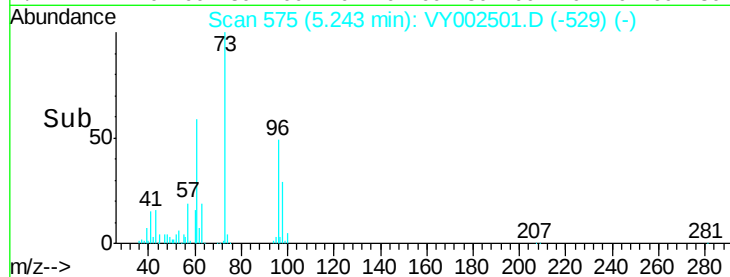
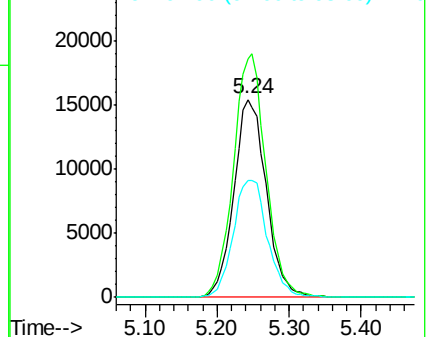
96 100

61 120.5 101.4 152.0

98 59.2 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: 18.155 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Tgt Ion: 45 Resp: 117735

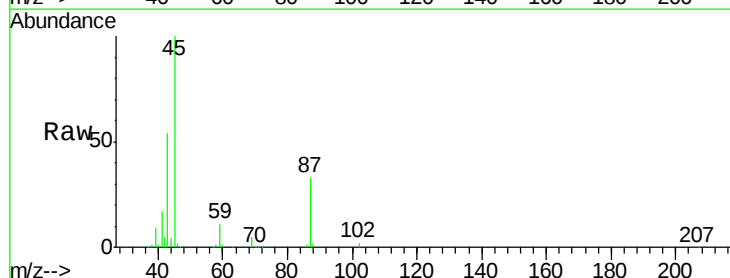
Ion Ratio Lower Upper

45 100

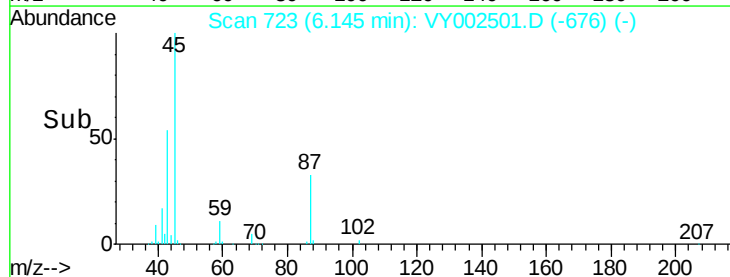
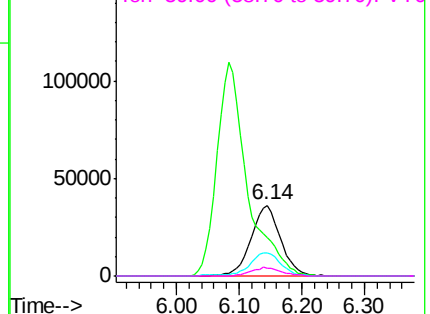
43 53.4 47.1 70.7

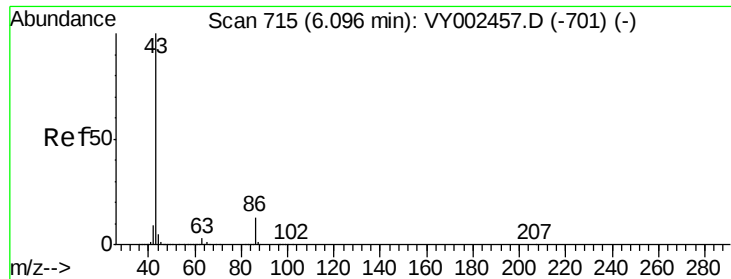
87 32.9 25.0 37.6

59 10.8 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: 88.814 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

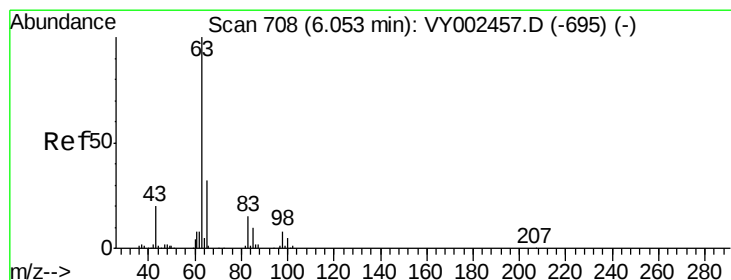
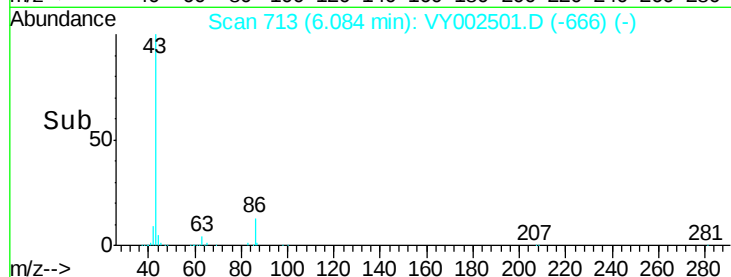
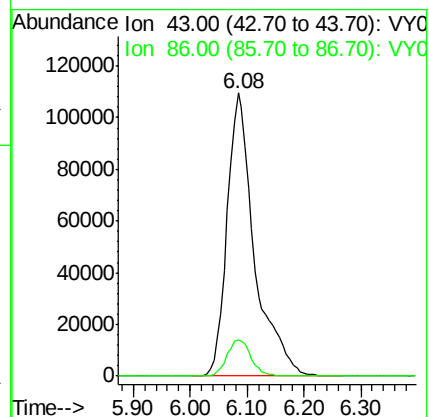
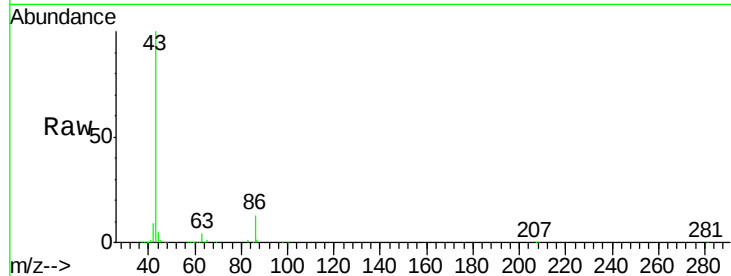
VY0429SBS01

Tot Ion: 43 Resp: 365984

Ion Ratio Lower Upper

43 100

86 12.9 10.2 15.4



#24

1,1-Dichloroethane

Concen: 18.889 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

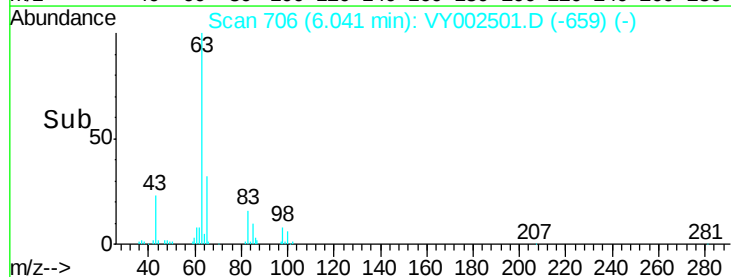
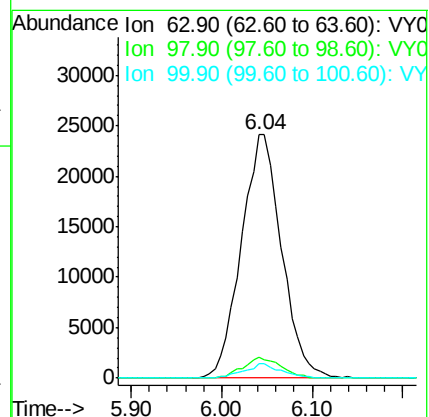
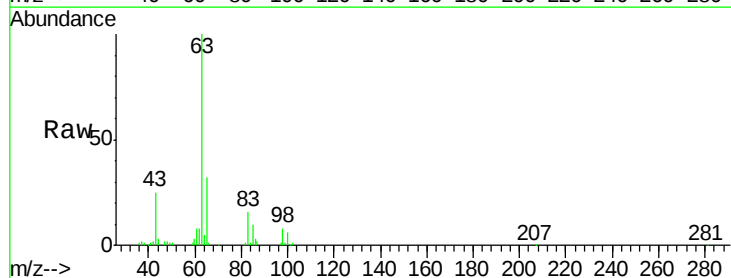
Tgt Ion: 63 Resp: 74162

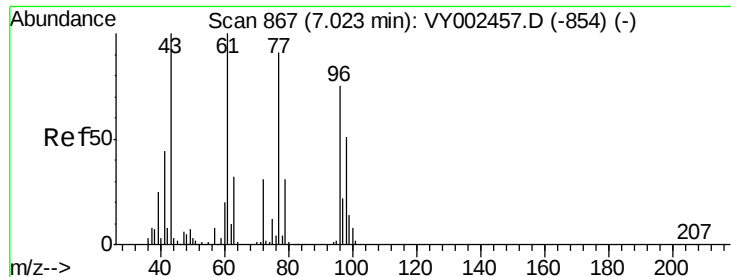
Ion Ratio Lower Upper

63 100

98 8.5 4.1 12.3

100 6.0 2.5 7.4





#25

2-Butanone

Concen: 85.079 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

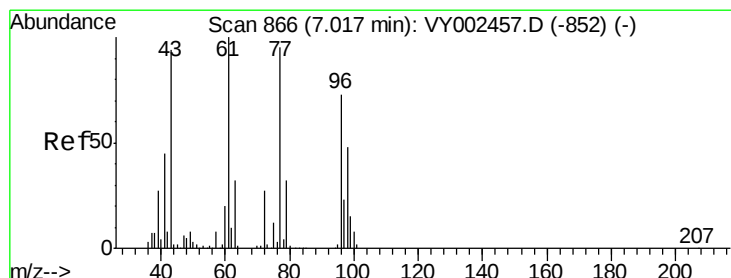
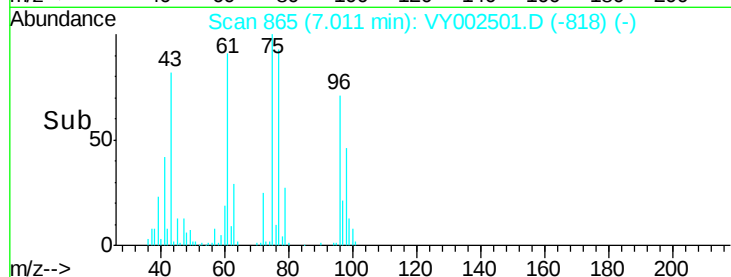
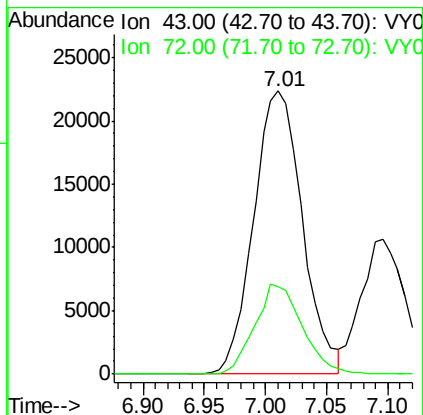
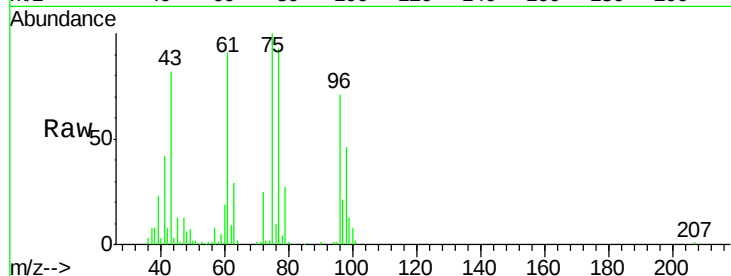
VY0429SBS01

Tot Ion: 43 Resp: 62071

Ion Ratio Lower Upper

43 100

72 30.8 24.8 37.2



#26

2,2-Dichloropropane

Concen: 21.295 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002501.D

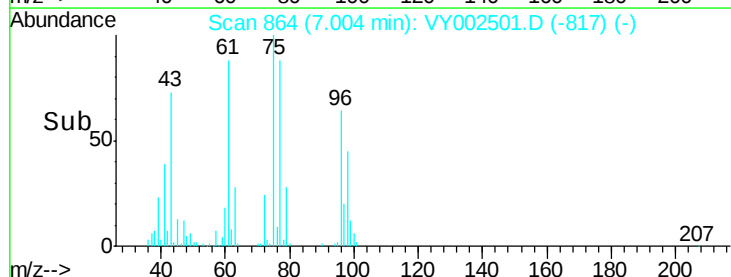
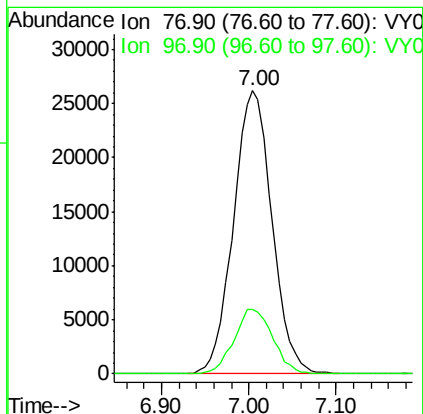
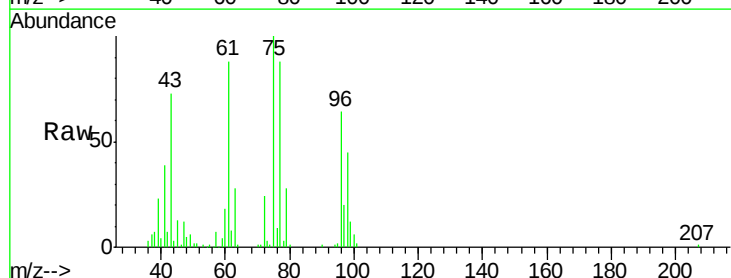
Acq: 29 Apr 2020 11:49

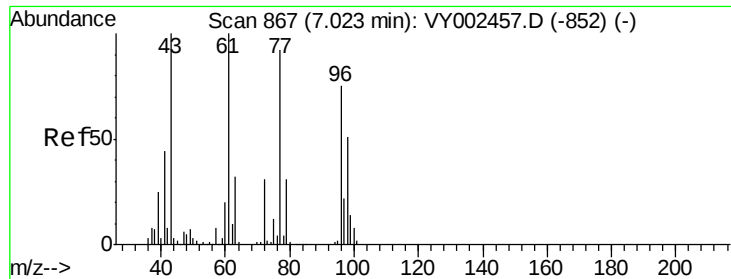
Tgt Ion: 77 Resp: 79961

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.0



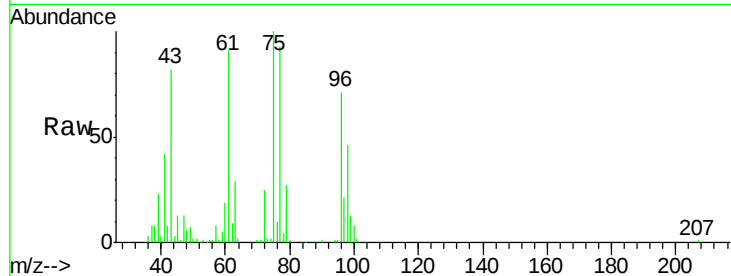


#27

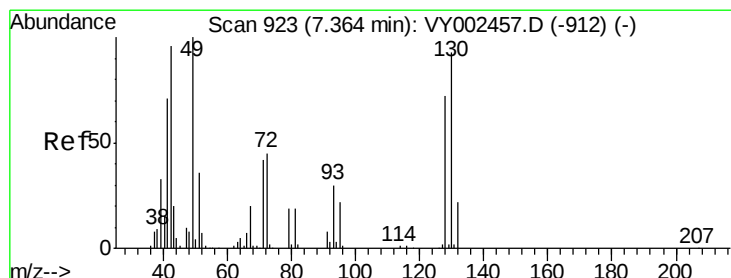
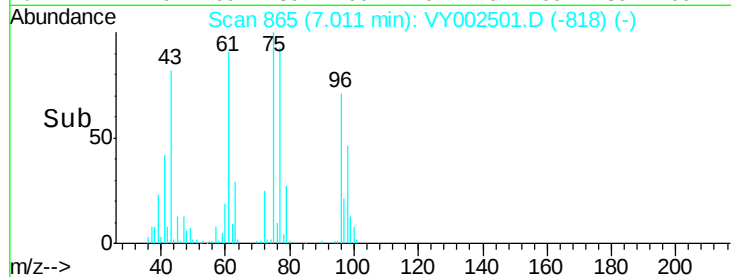
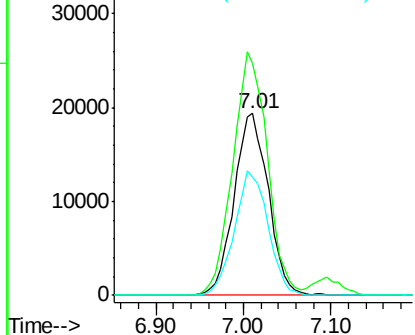
cis-1,2-Dichloroethene
Concen: 19.295 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion: 96 Resp: 52734
Ion Ratio Lower Upper
96 100
61 135.2 0.0 262.6
98 67.1 0.0 131.0



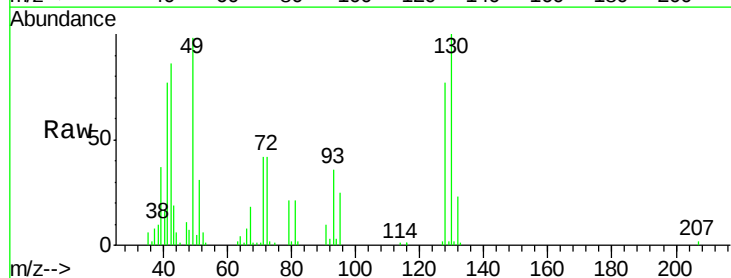
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



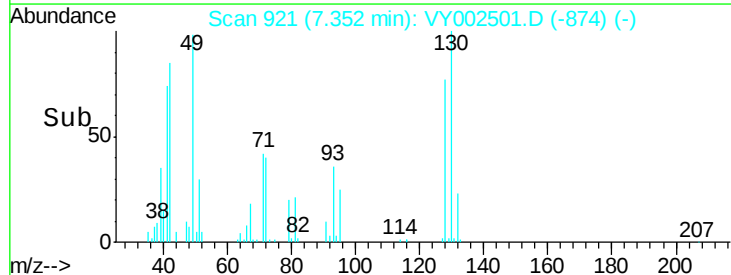
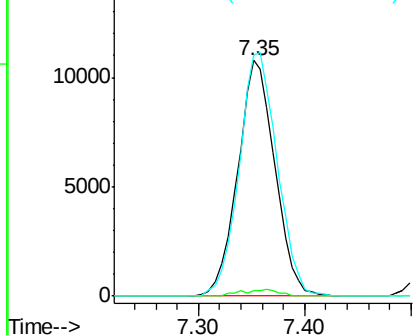
#28

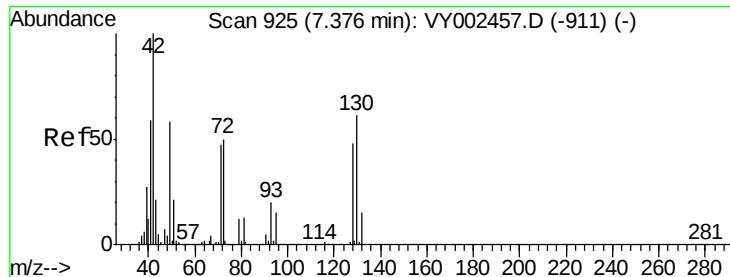
Bromochloromethane
Concen: 17.199 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 49 Resp: 26344
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 106.1 76.3 114.5



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





#29

Tetrahydrofuran

Concen: 80.386 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

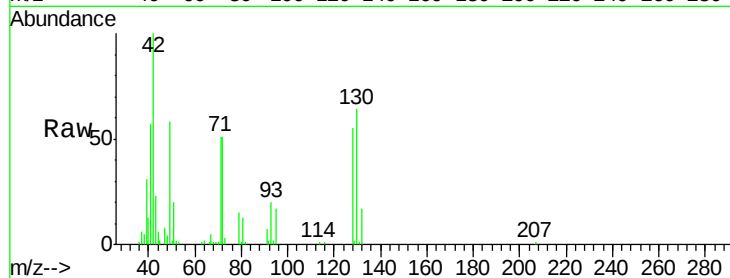
Tot Ion: 42 Resp: 38883

Ion Ratio Lower Upper

42 100

72 53.7 39.5 59.3

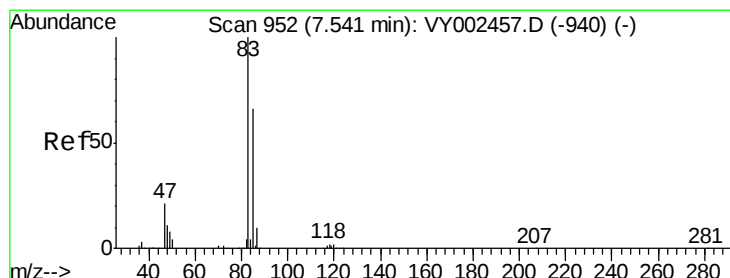
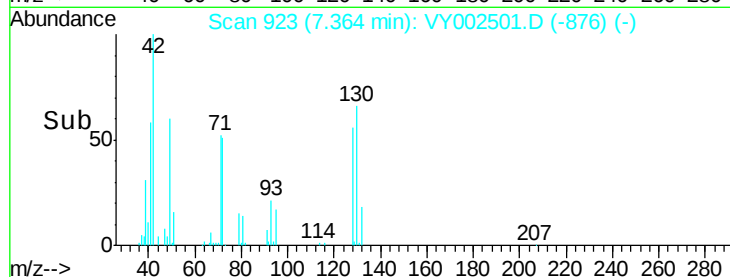
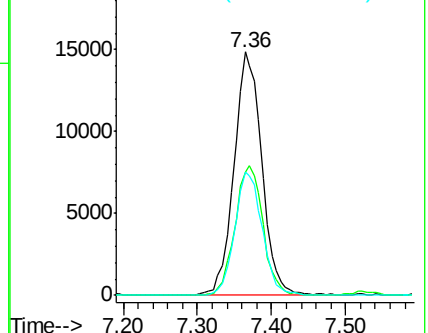
71 49.8 37.6 56.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.877 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.02 min

Lab File: VY002501.D

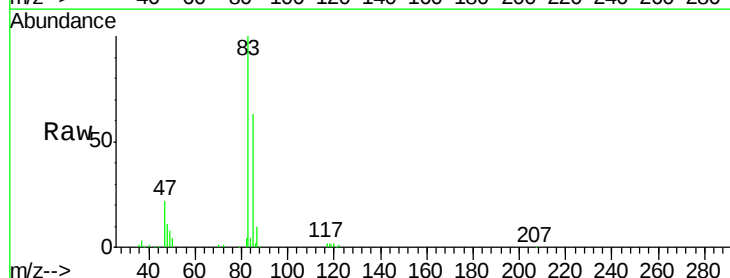
Acq: 29 Apr 2020 11:49

Tgt Ion: 83 Resp: 83096

Ion Ratio Lower Upper

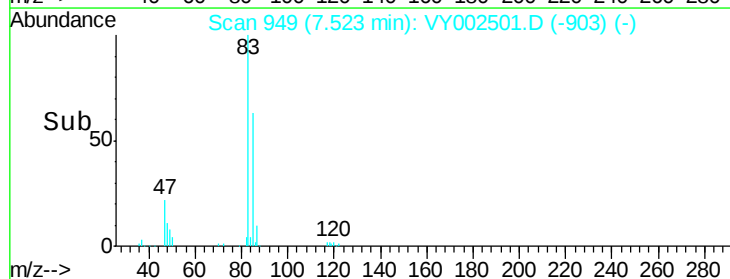
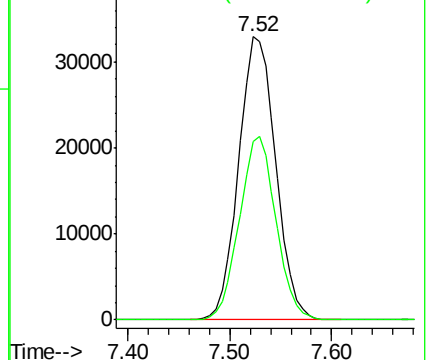
83 100

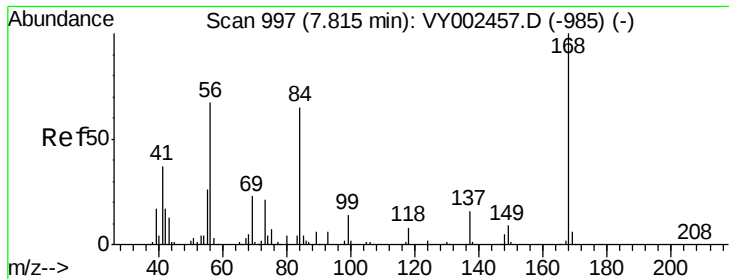
85 63.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

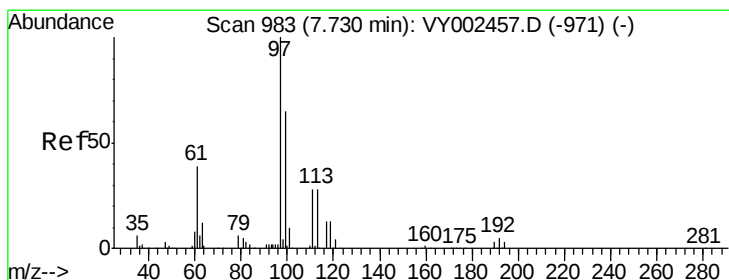
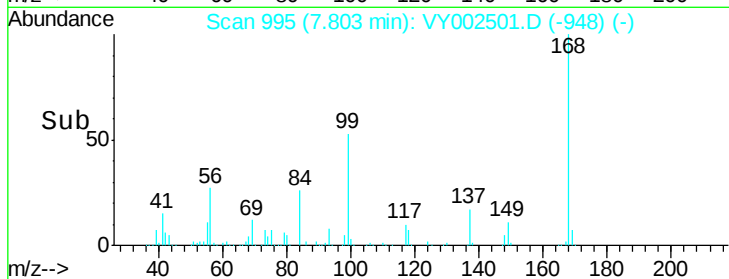
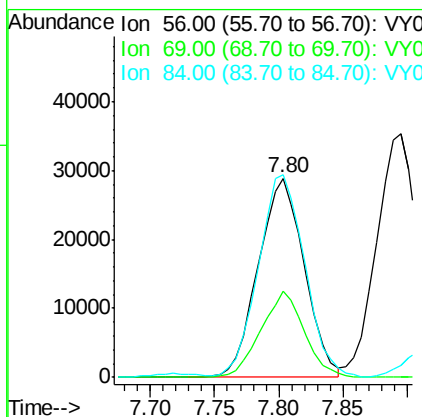
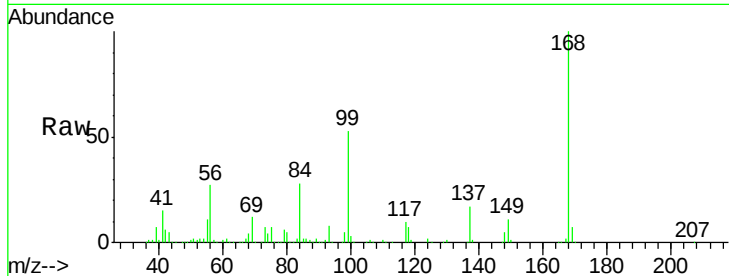




#31
Cyclohexane
Concen: 18.277 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

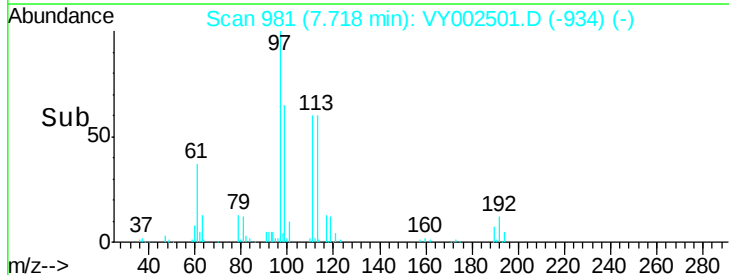
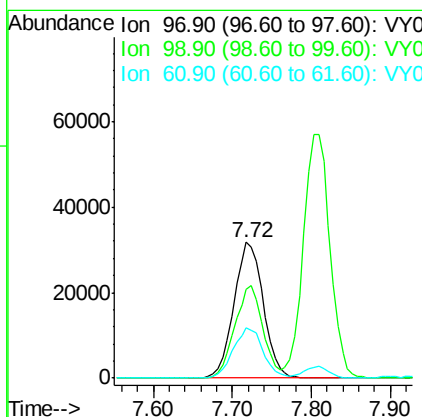
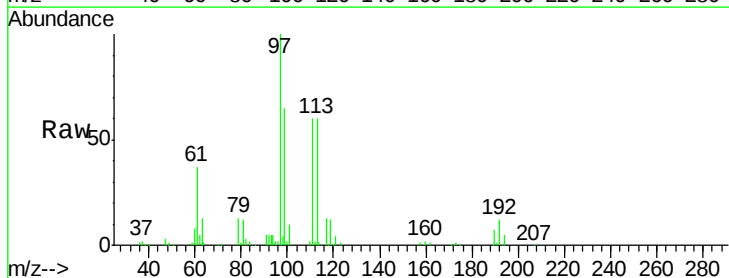
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

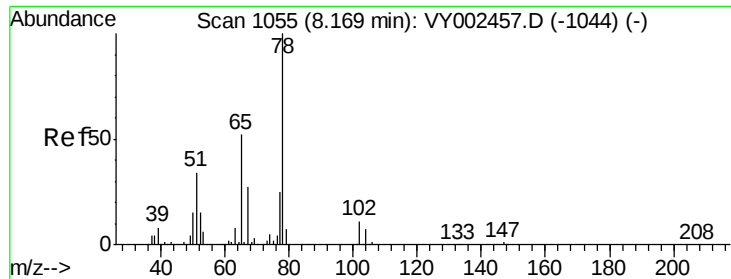
Tot Ion: 56 Resp: 71757
Ion Ratio Lower Upper
56 100
69 43.1 27.0 40.6#
84 100.0 77.4 116.2



#32
1,1,1-Trichloroethane
Concen: 20.833 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 97 Resp: 82293
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 37.5 30.6 45.8

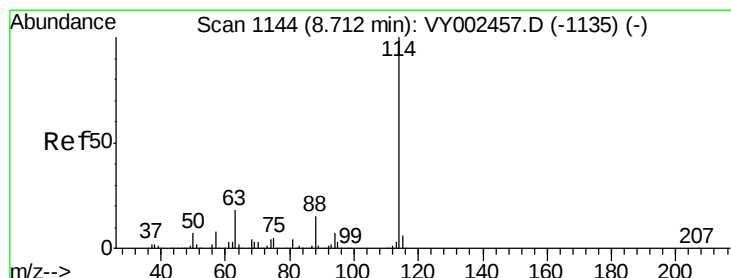
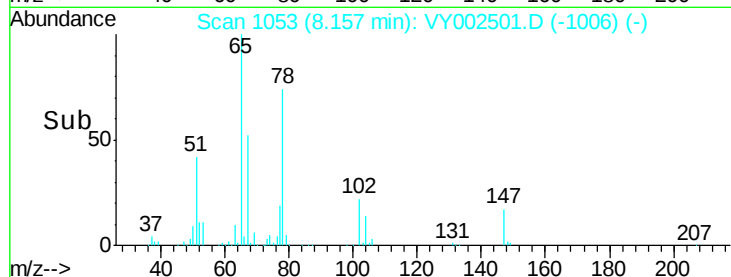
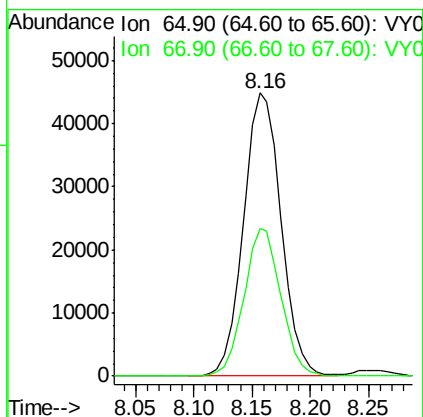
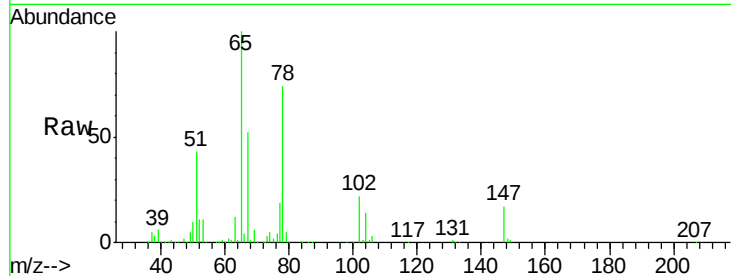




#33
 1,2-Dichloroethane-d4
 Concen: 44.375 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

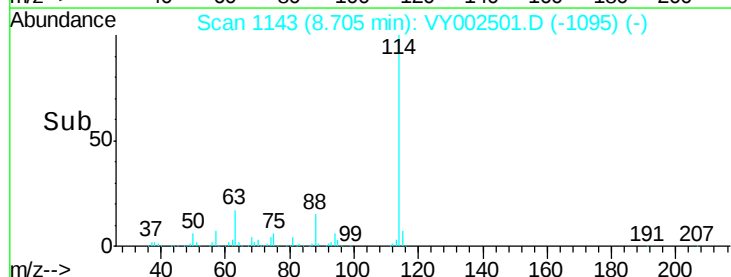
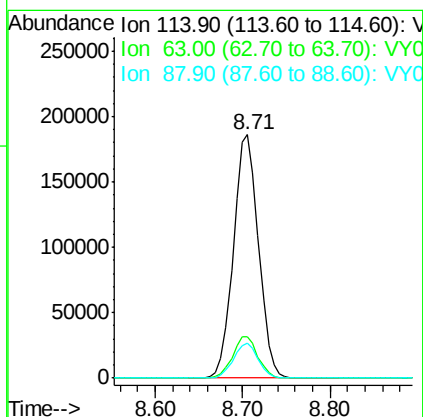
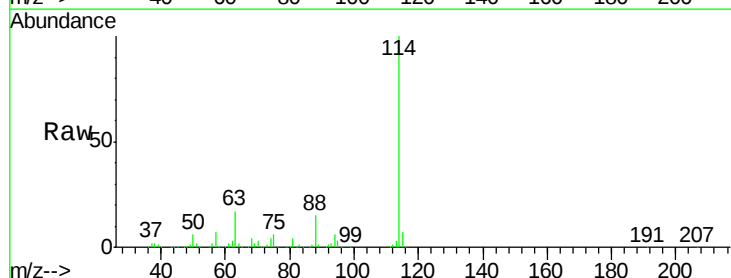
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

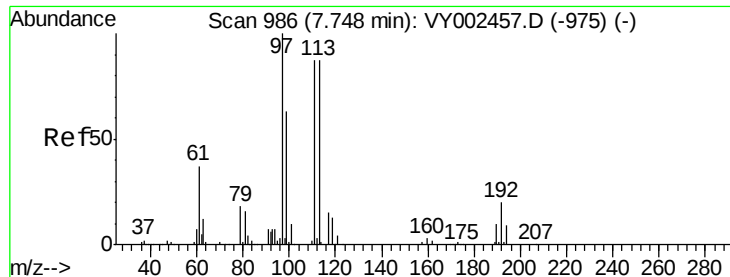
Tot Ion: 65 Resp: 101119
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion: 114 Resp: 370056
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 45.006 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

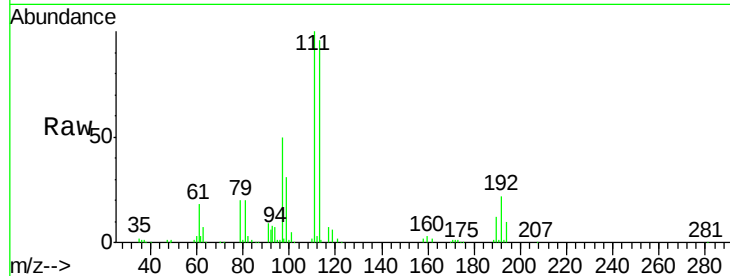
Tot Ion:113 Resp: 93942

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.4

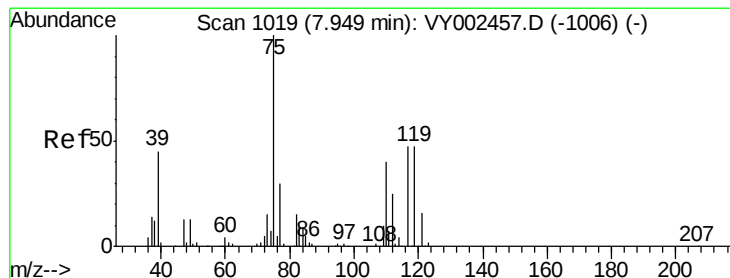
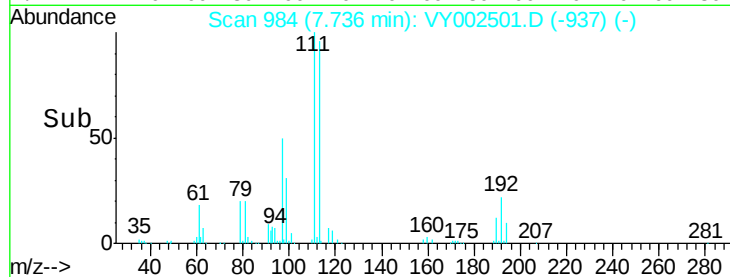
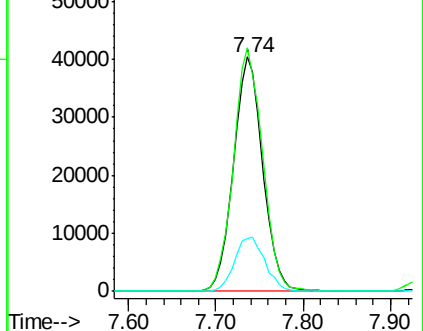
192 24.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.641 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

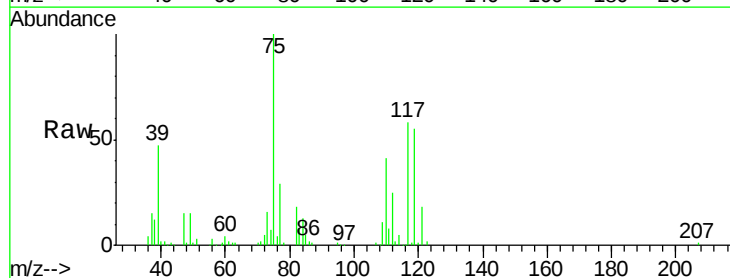
Tgt Ion: 75 Resp: 62323

Ion Ratio Lower Upper

75 100

110 40.2 19.4 58.4

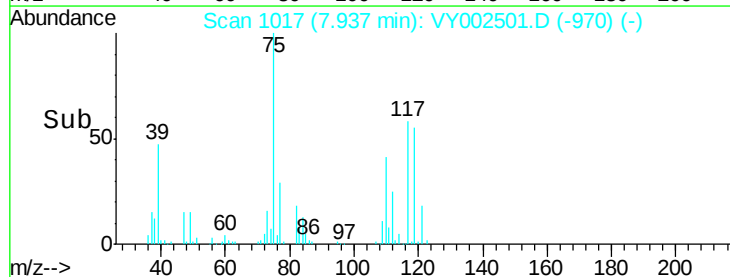
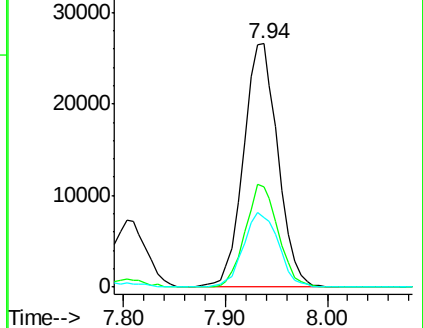
77 31.5 24.7 37.1

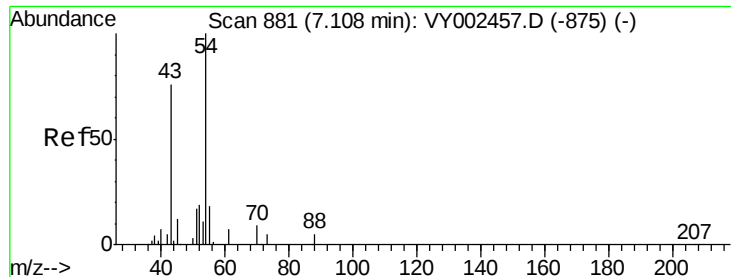


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

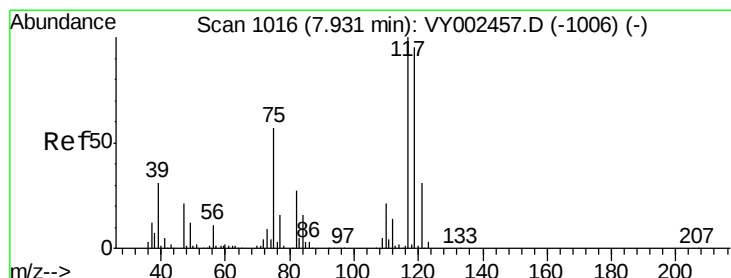
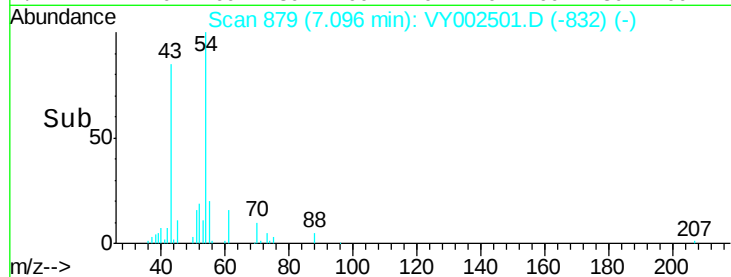
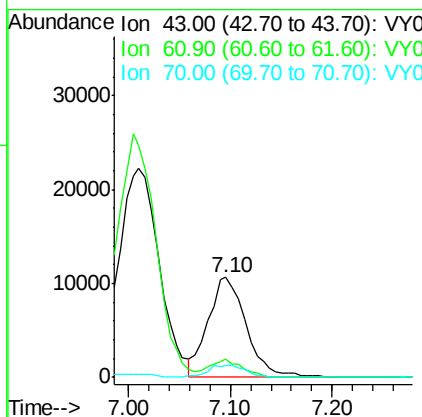
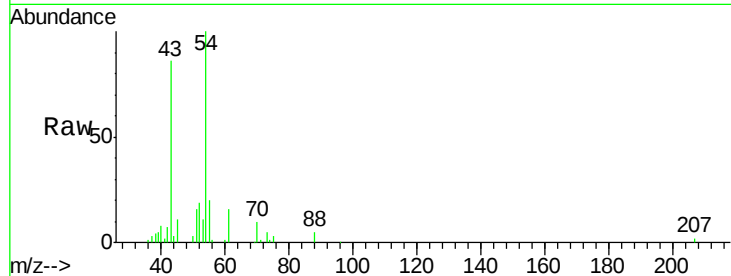




#37
Ethyl Acetate
Concen: 17.471 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

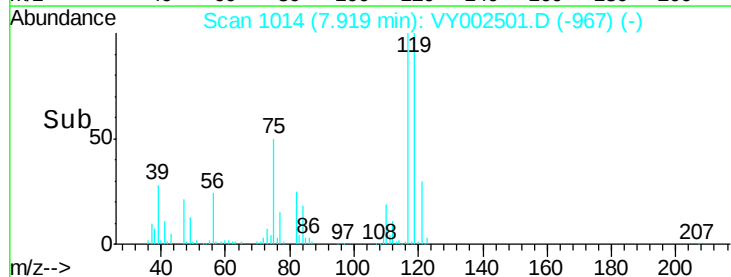
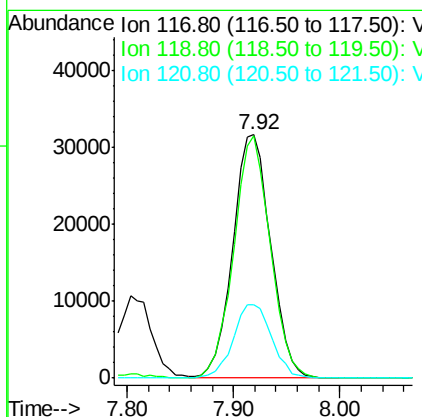
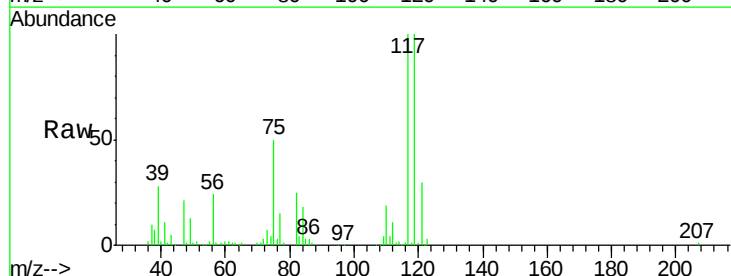
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

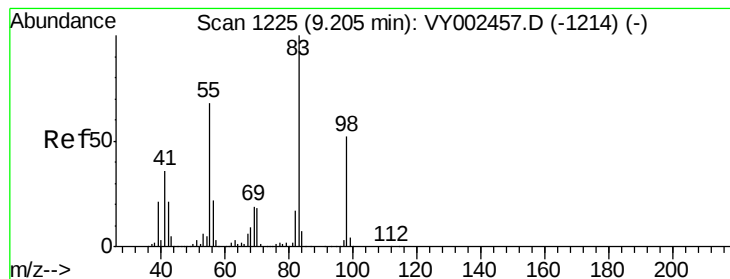
Tot Ion: 43 Resp: 27850
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.8
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 21.723 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 117 Resp: 79263
Ion Ratio Lower Upper
117 100
119 99.7 75.9 113.9
121 30.2 24.5 36.7





#39

Methvlcvclohexane

Concen: 20.031 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

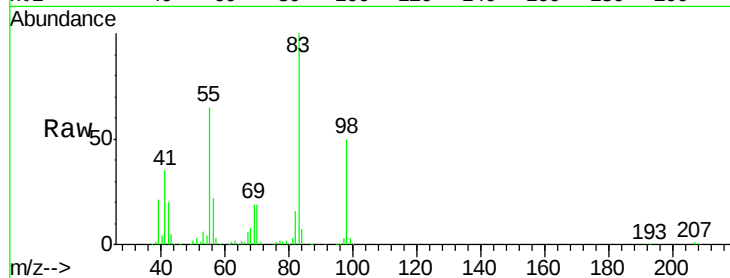
Tot Ion: 83 Resp: 82911

Ion Ratio Lower Upper

83 100

55 64.6 54.2 81.2

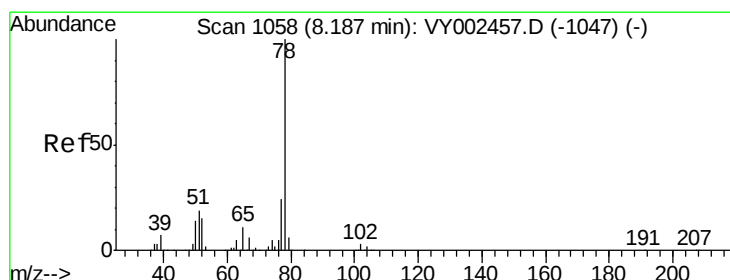
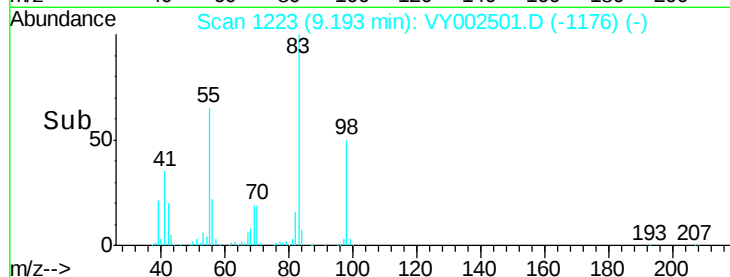
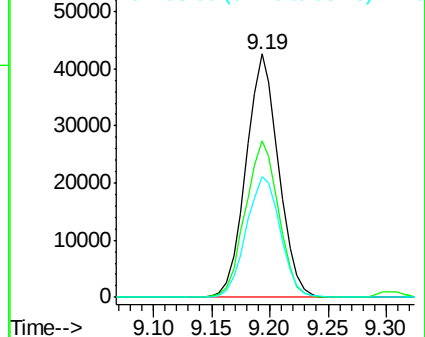
98 49.7 41.9 62.9



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.185 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VY002501.D

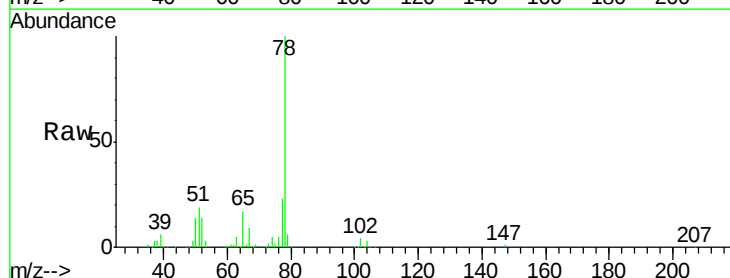
Acq: 29 Apr 2020 11:49

Tgt Ion: 78 Resp: 185116

Ion Ratio Lower Upper

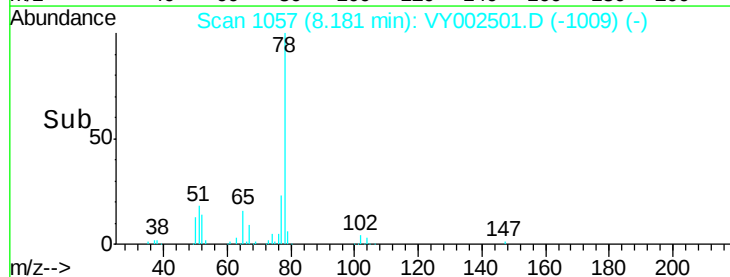
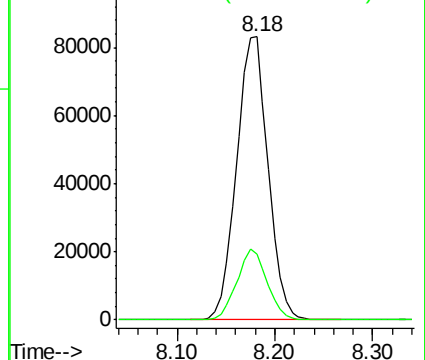
78 100

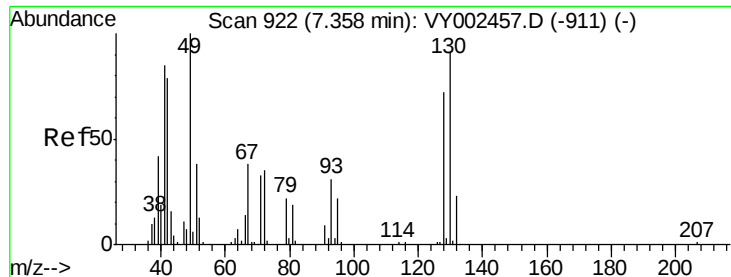
77 23.4 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 14.536 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.02 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

Tot Ion: 41 Resp: 14276

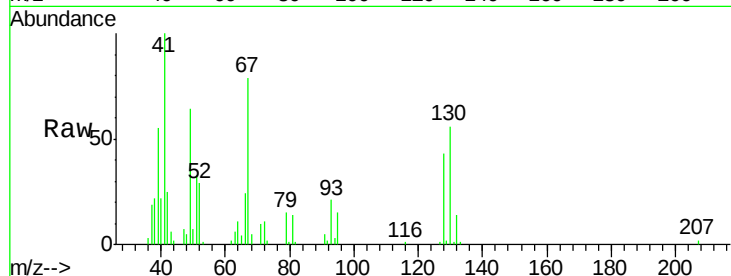
Ion Ratio Lower Upper

41 100

39 72.5 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

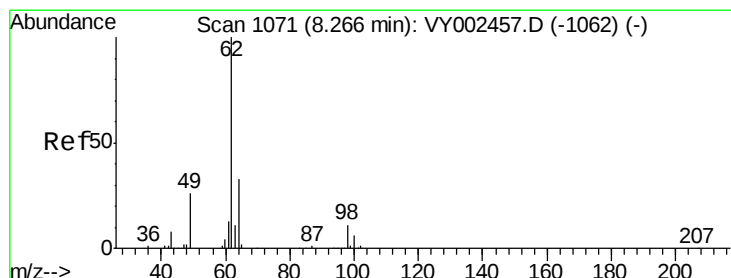
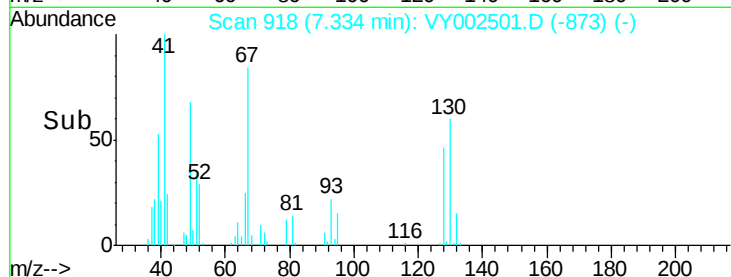
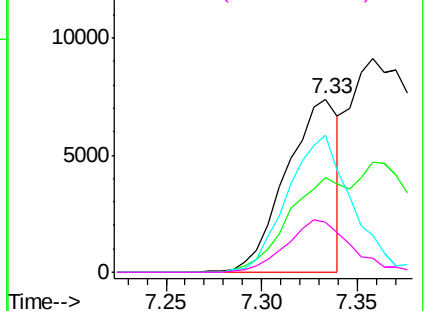


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.513 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002501.D

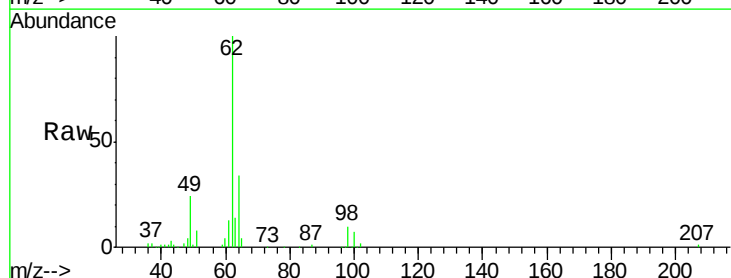
Acq: 29 Apr 2020 11:49

Tgt Ion: 62 Resp: 54649

Ion Ratio Lower Upper

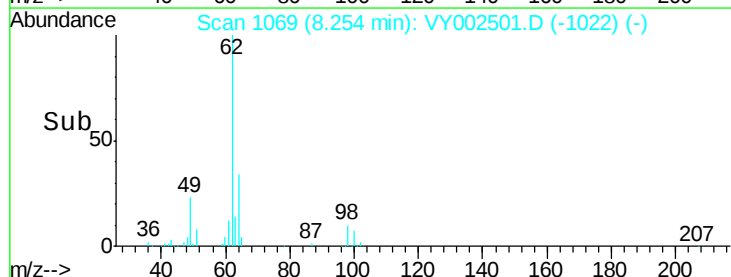
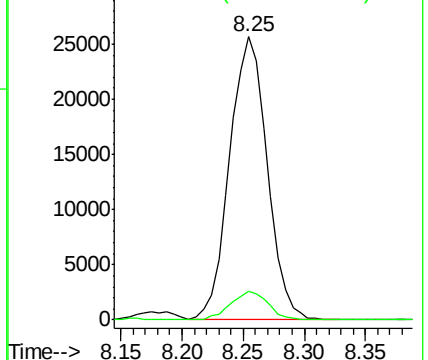
62 100

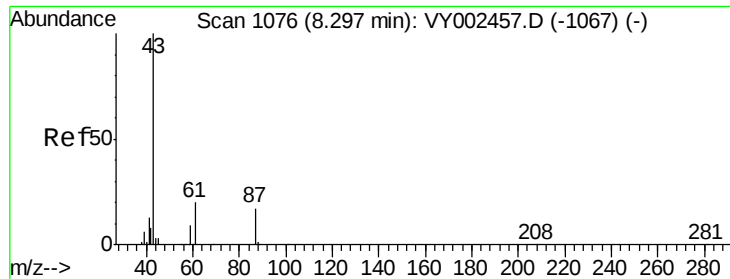
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



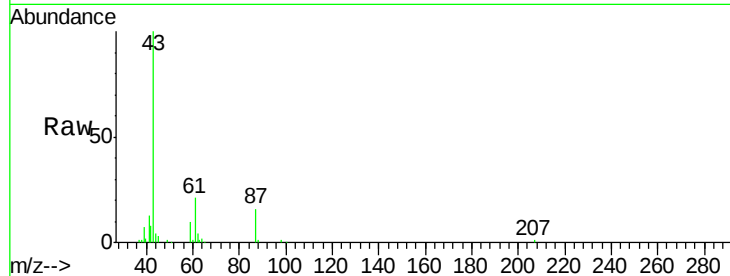


#43

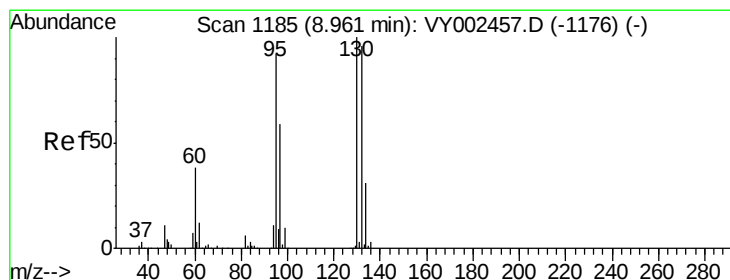
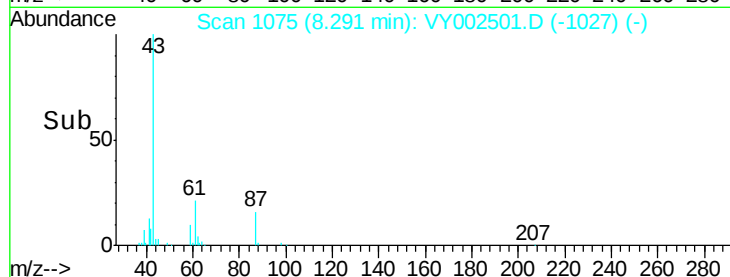
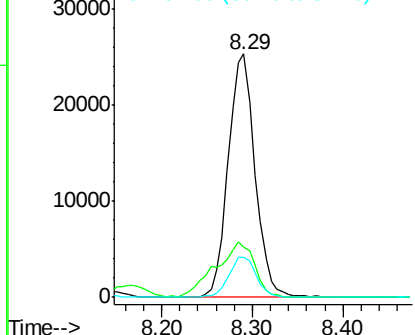
Isopropyl Acetate
 Concen: 17.460 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Tot Ion	43	Resp	52057
Ion Ratio	Lower	Upper	
43	100		
61	33.2	25.0	37.4
87	17.0	13.0	19.4



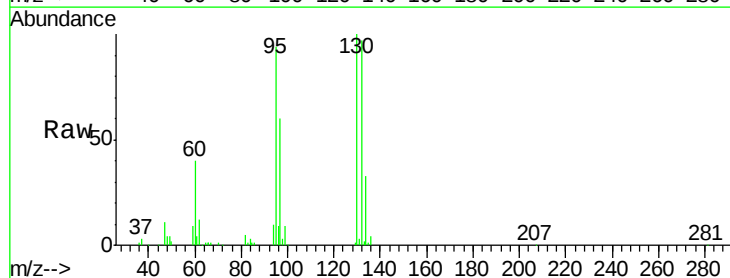
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



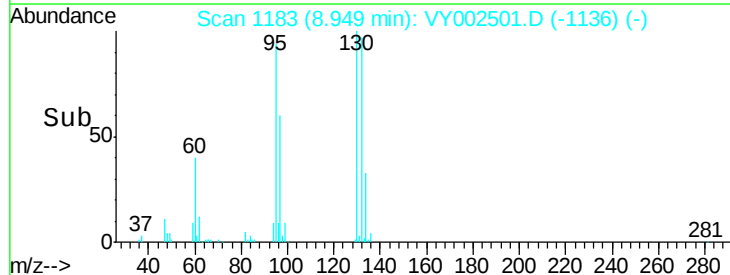
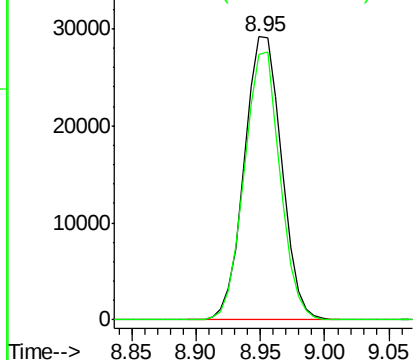
#44

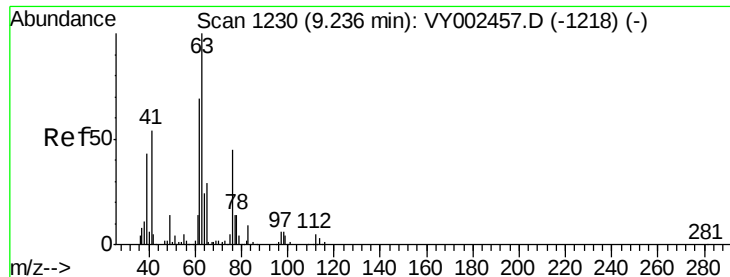
Trichloroethene
 Concen: 20.388 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion	130	Resp	58467
Ion Ratio	Lower	Upper	
130	100		
95	93.6	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: 19.102 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

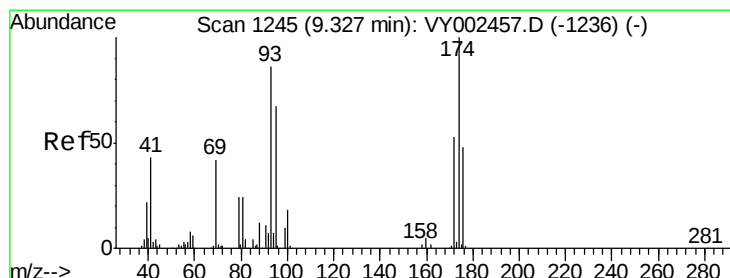
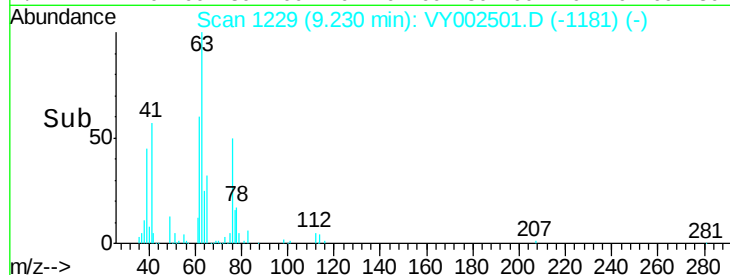
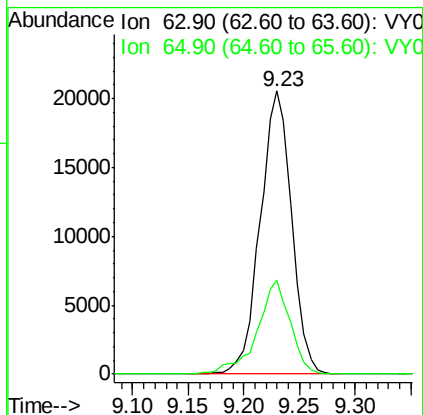
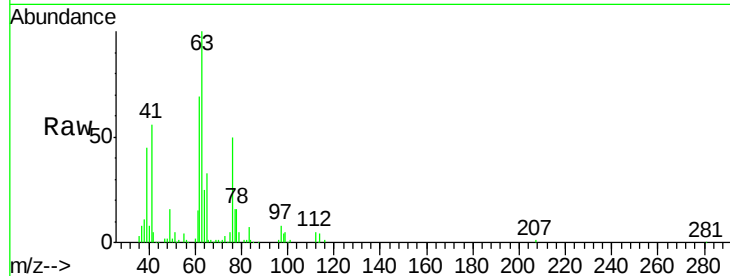
VY0429SBS01

Tot Ion: 63 Resp: 40375

Ion Ratio Lower Upper

63 100

65 33.0 23.4 35.0



#46

Dibromomethane

Concen: 19.700 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

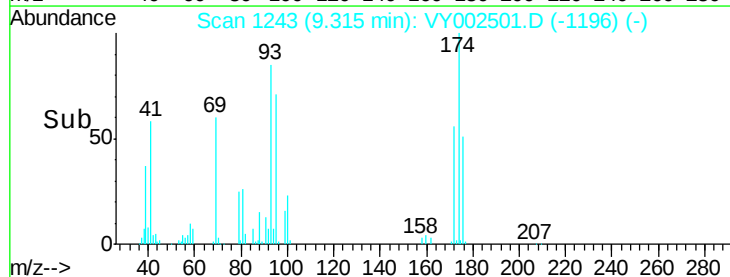
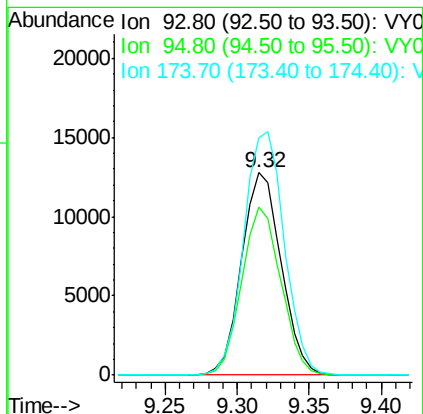
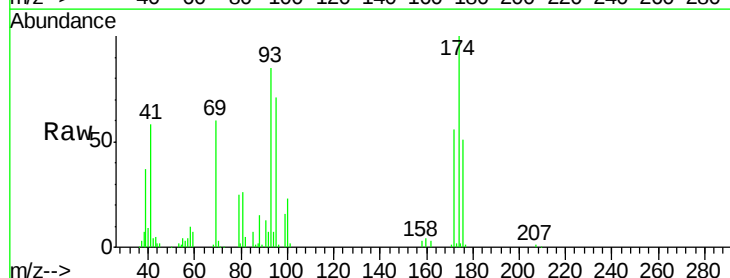
Tgt Ion: 93 Resp: 24362

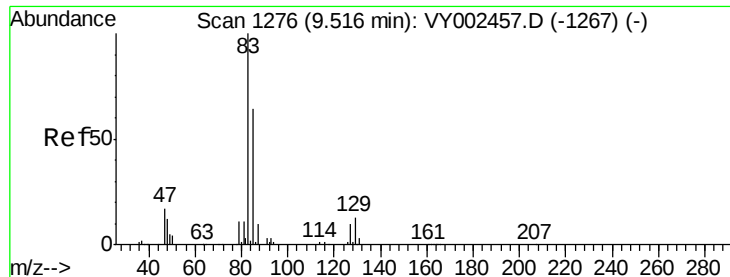
Ion Ratio Lower Upper

93 100

95 82.1 65.4 98.0

174 122.8 94.8 142.2





#47

Bromodichloromethane

Concen: 20.506 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

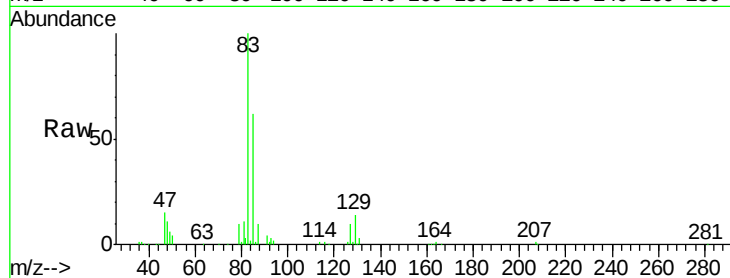
Tot Ion: 83 Resp: 63415

Ion Ratio Lower Upper

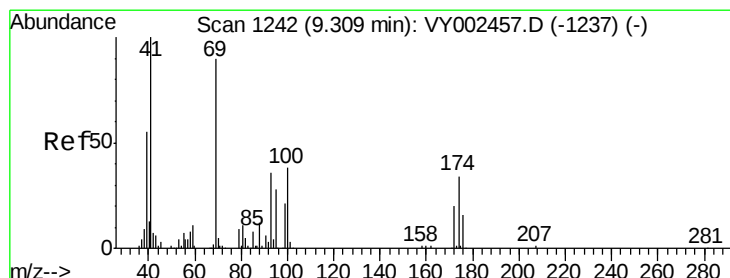
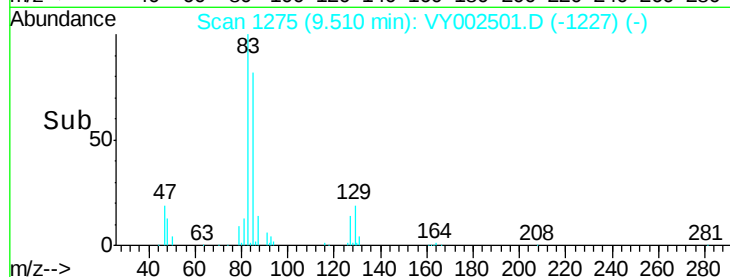
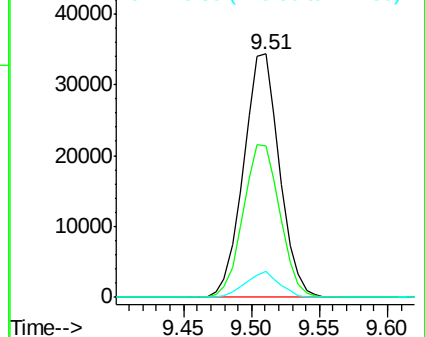
83 100

85 62.2 51.2 76.8

127 10.5 7.7 11.5



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



#48

Methyl methacrylate

Concen: 17.781 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

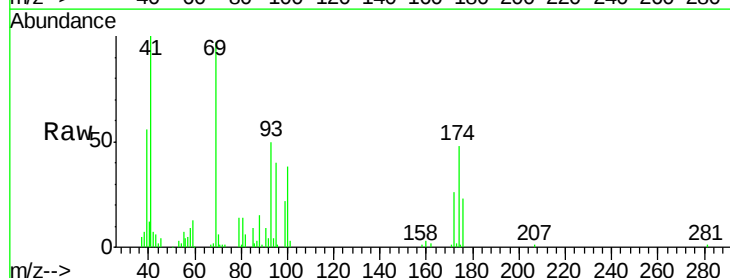
Tgt Ion: 41 Resp: 24202

Ion Ratio Lower Upper

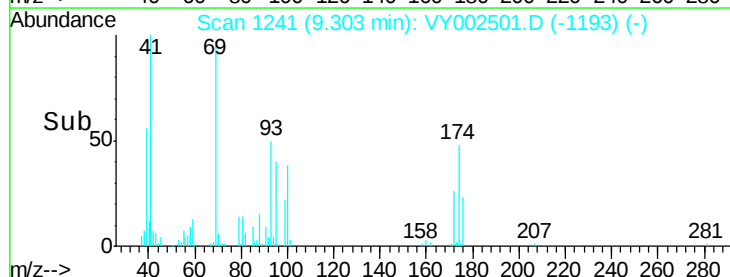
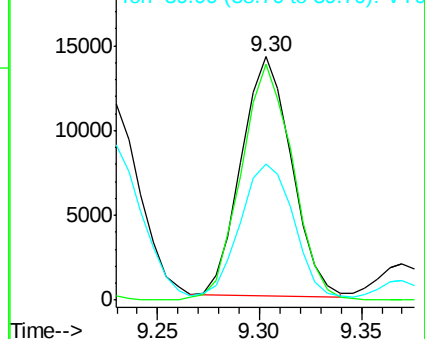
41 100

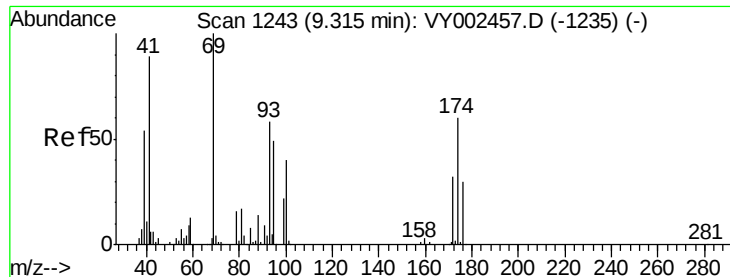
69 100.8 77.9 116.9

39 62.0 47.9 71.9



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

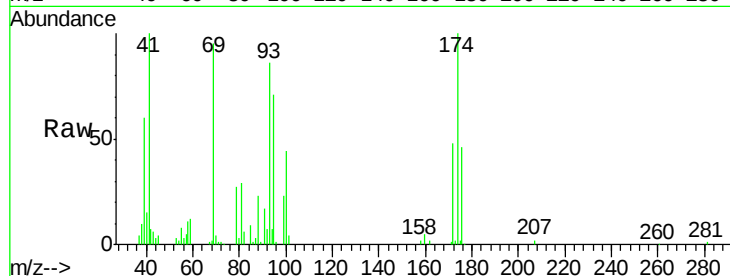




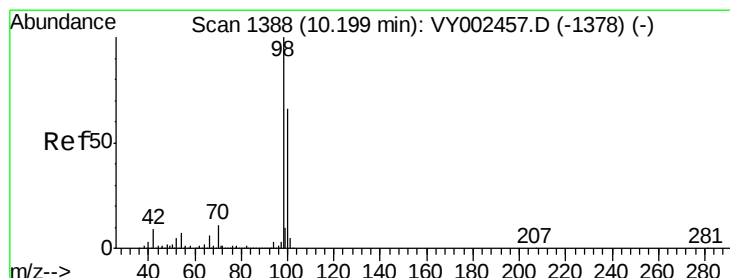
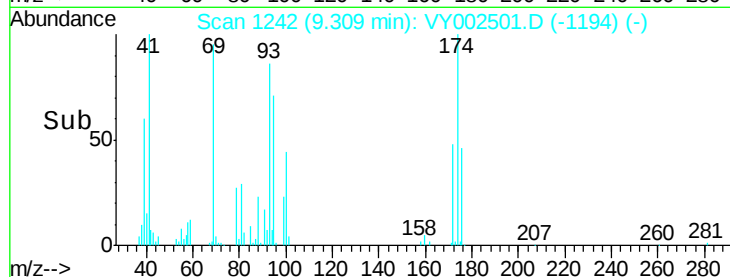
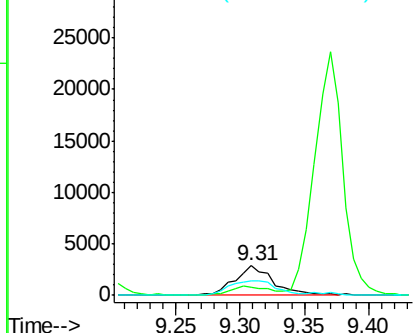
#49
1,4-Dioxane
Concen: 378.742 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion: 88 Resp: 5969
Ion Ratio Lower Upper
88 100
43 29.8 22.9 34.3
58 60.0 49.5 74.3

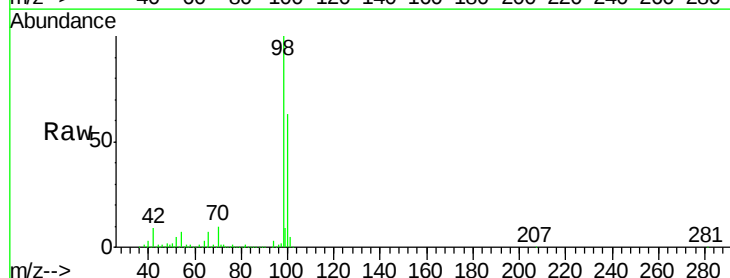


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

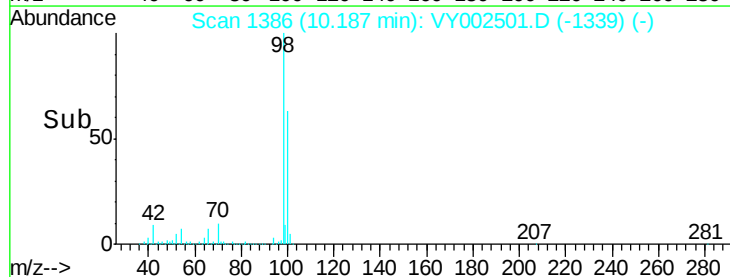
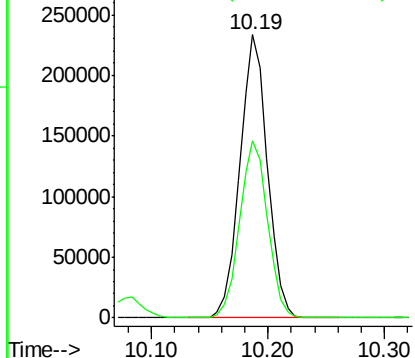


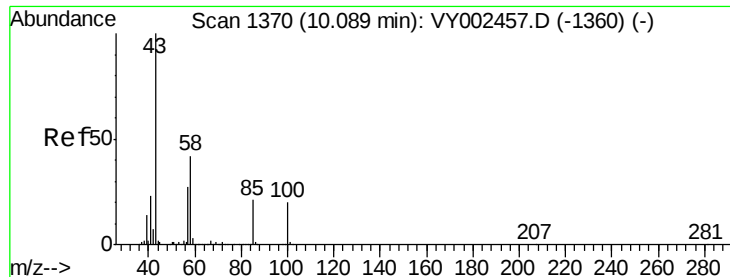
#50
Toluene-d8
Concen: 45.660 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 98 Resp: 383062
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 90.489 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

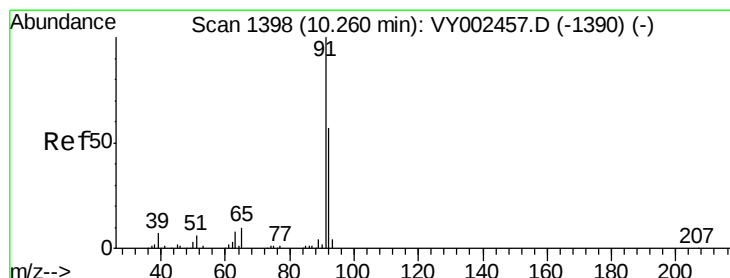
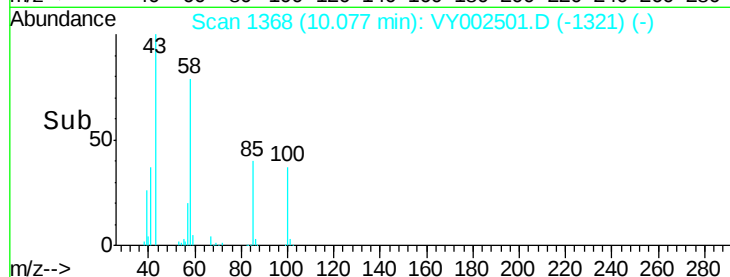
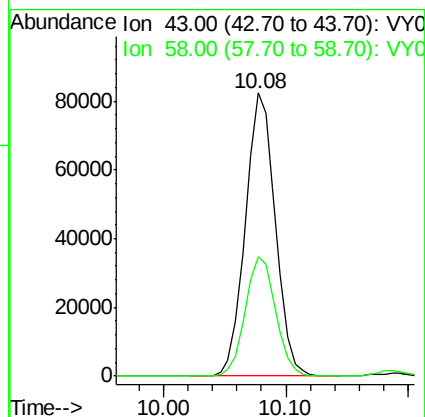
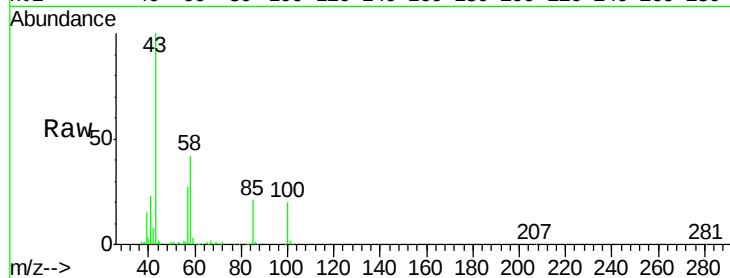
VY0429SBS01

Tot Ion: 43 Resp: 140134

Ion Ratio Lower Upper

43 100

58 42.7 33.2 49.8



#52

Toluene

Concen: 20.257 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY002501.D

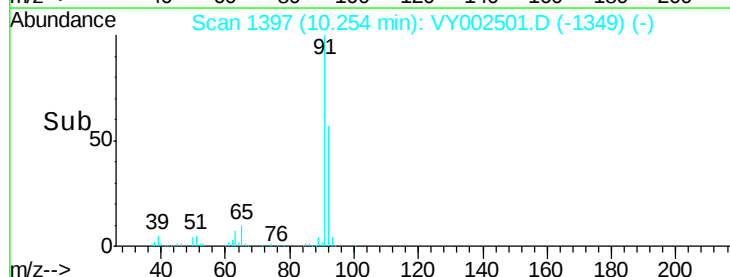
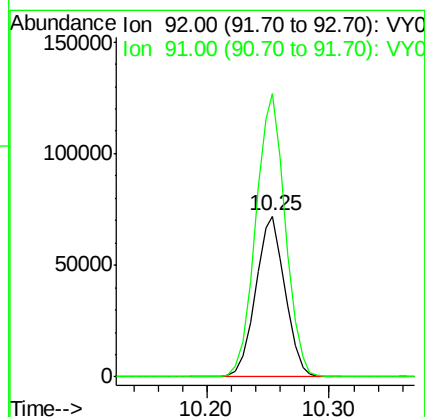
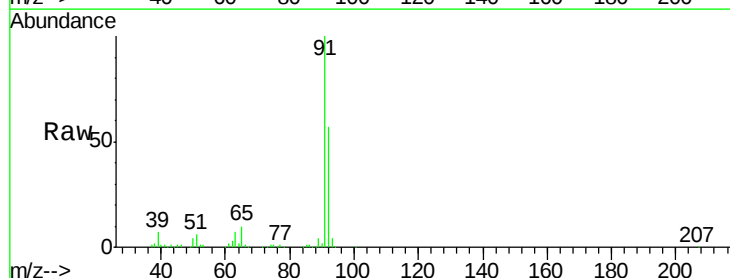
Acq: 29 Apr 2020 11:49

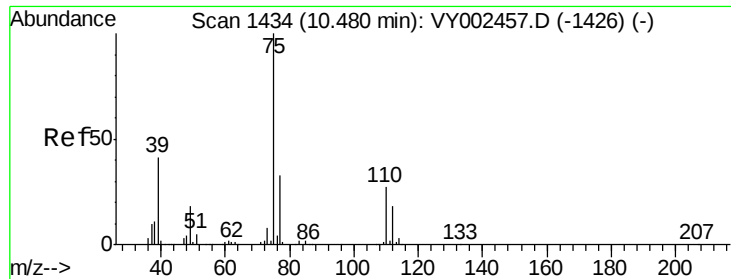
Tgt Ion: 92 Resp: 119591

Ion Ratio Lower Upper

92 100

91 177.9 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.685 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

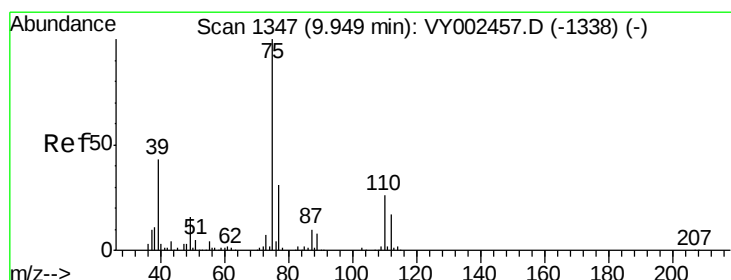
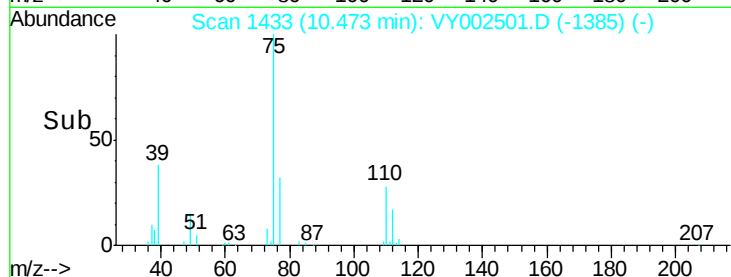
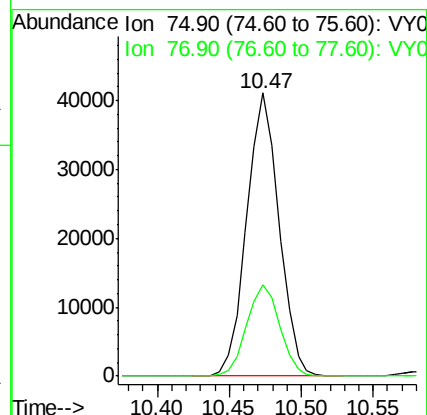
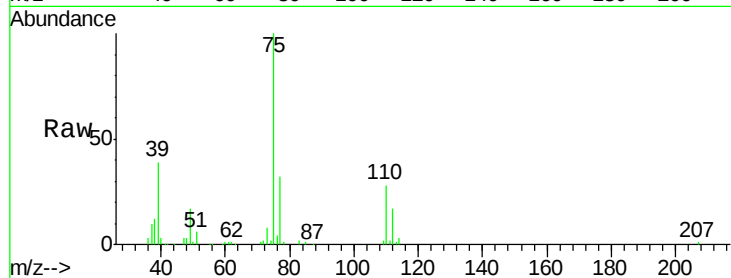
VY0429SBS01

Tot Ion: 75 Resp: 63932

Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 19.834 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

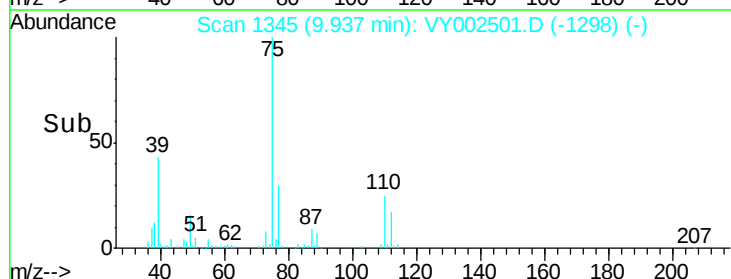
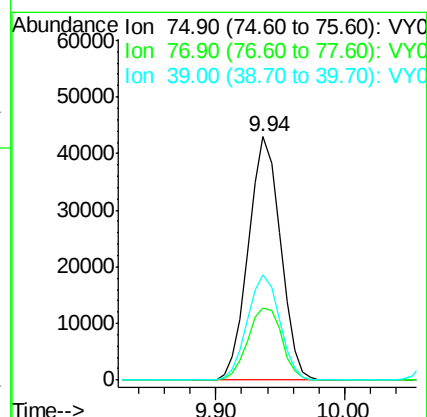
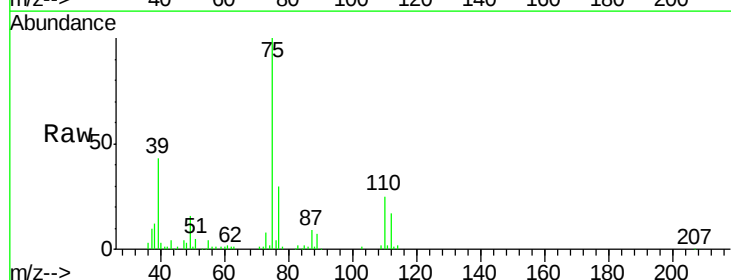
Tgt Ion: 75 Resp: 73727

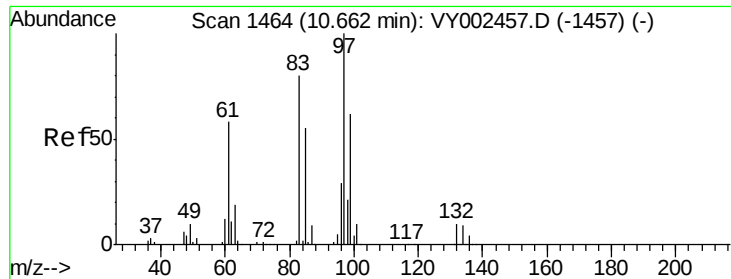
Ion Ratio Lower Upper

75 100

77 29.8 25.2 37.8

39 43.0 34.2 51.2





#55

1,1,2-Trichloroethane

Concen: 19.828 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

Tot Ion: 97 Resp: 36255

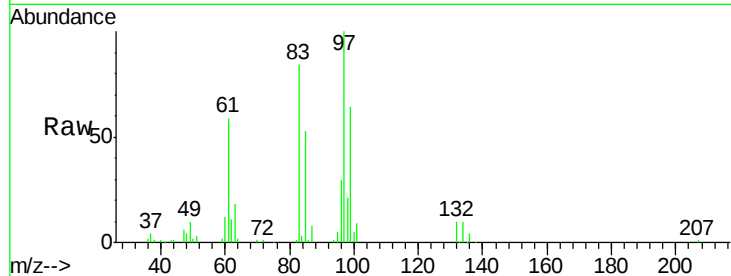
Ion Ratio Lower Upper

97 100

83 84.3 63.8 95.8

85 53.3 43.9 65.9

99 64.0 49.8 74.6

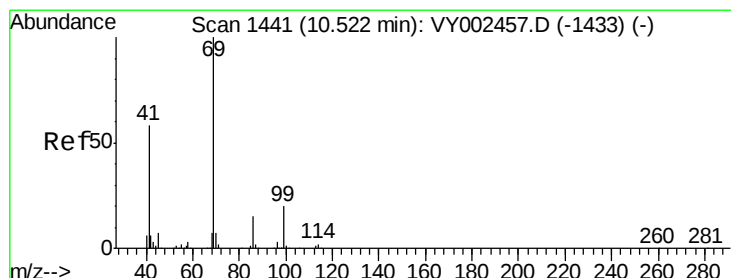
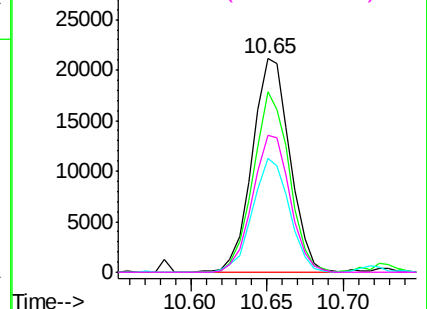
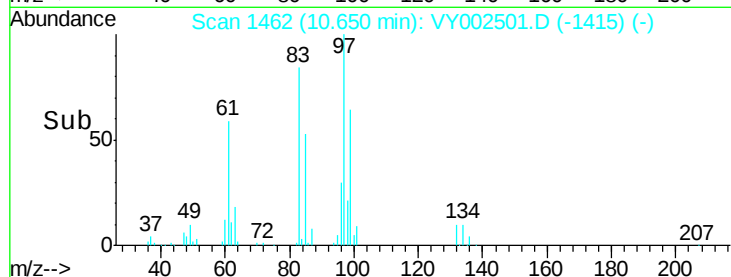


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 17.802 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

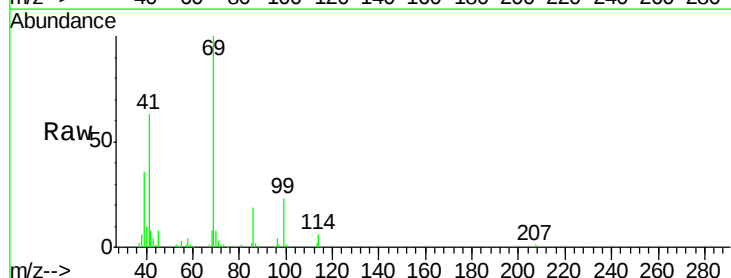
Tgt Ion: 69 Resp: 44477

Ion Ratio Lower Upper

69 100

41 59.1 47.5 71.3

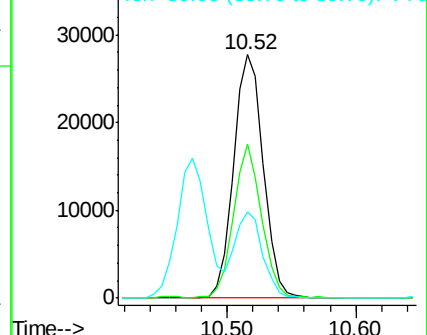
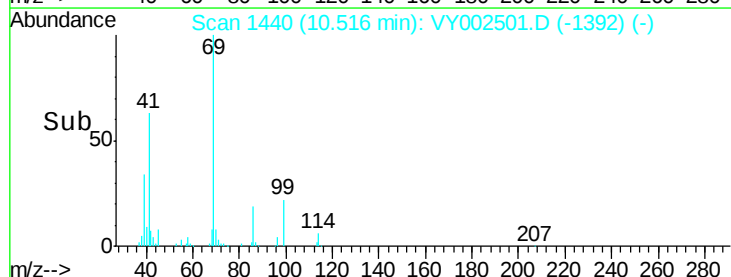
39 33.3 25.7 38.5

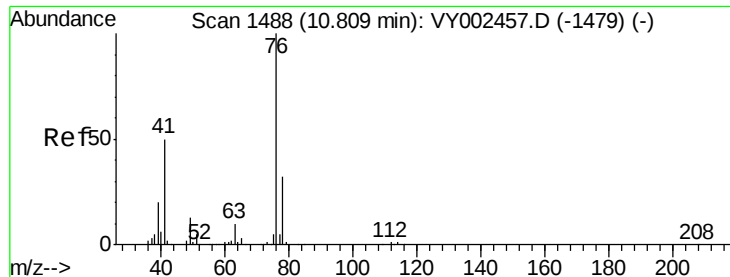


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.592 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

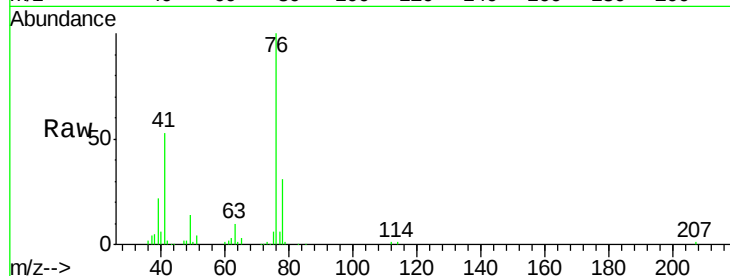
VY0429SBS01

Tot Ion: 76 Resp: 60480

Ion Ratio Lower Upper

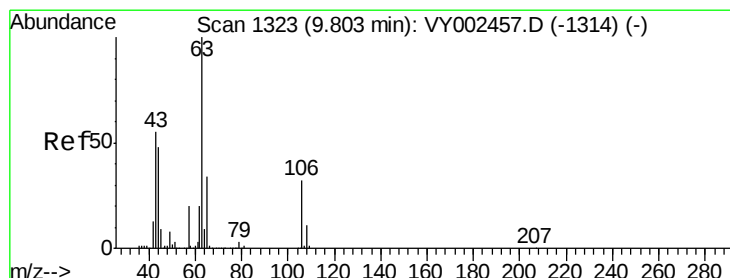
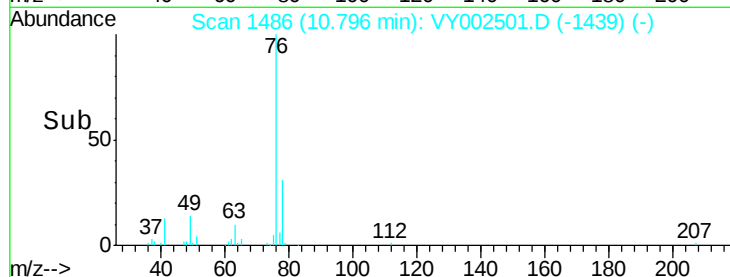
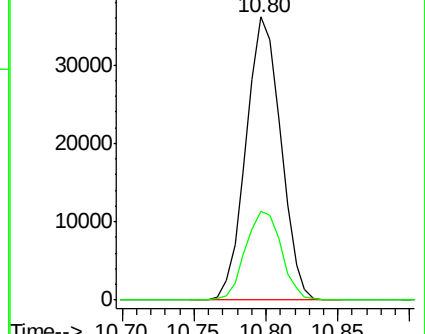
76 100

78 32.4 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: 91.370 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002501.D

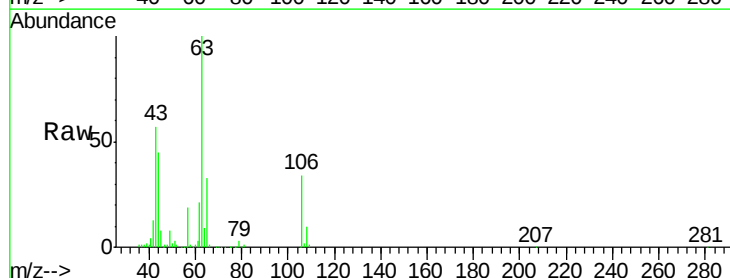
Acq: 29 Apr 2020 11:49

Tgt Ion: 63 Resp: 110390

Ion Ratio Lower Upper

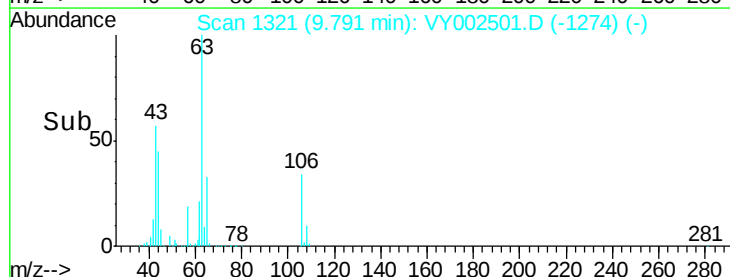
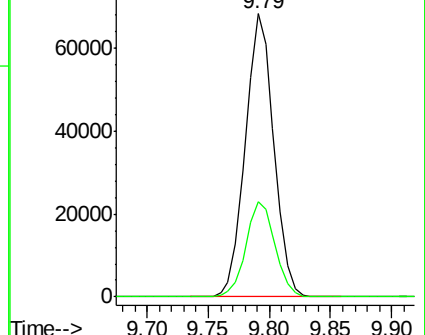
63 100

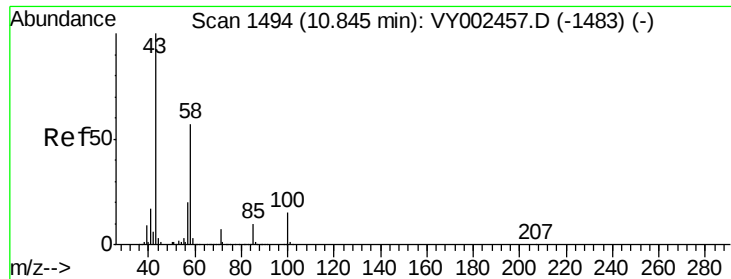
106 34.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

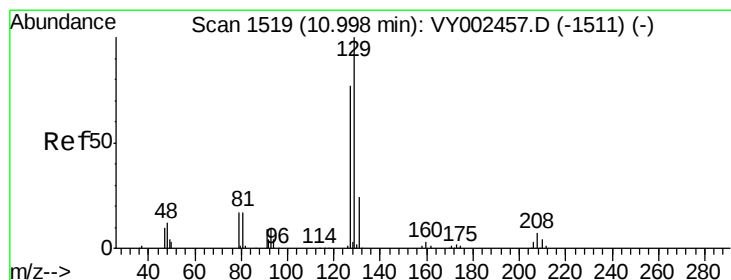
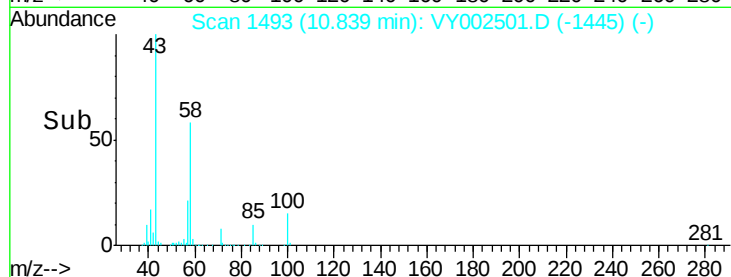
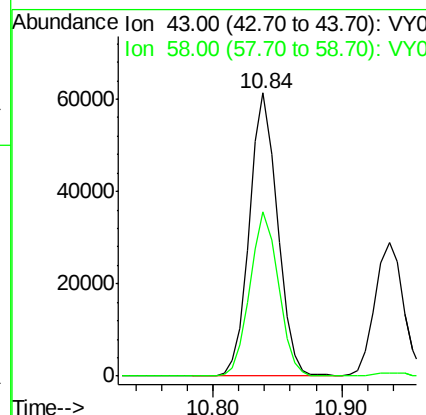
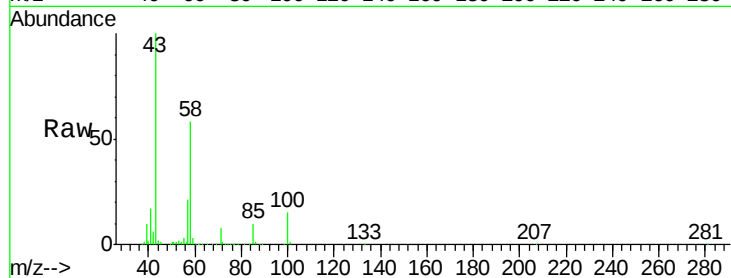




#59
2-Hexanone
Concen: 85.133 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

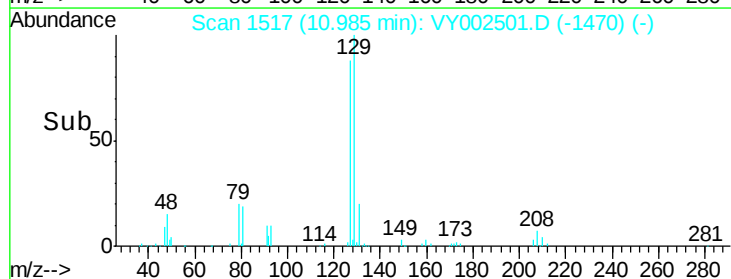
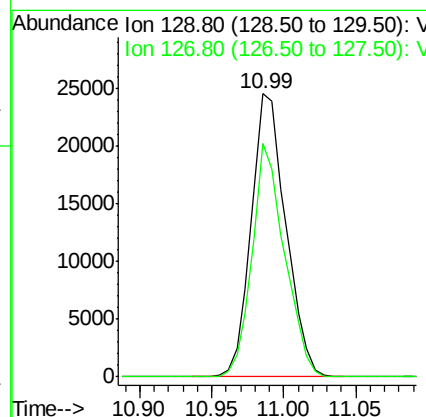
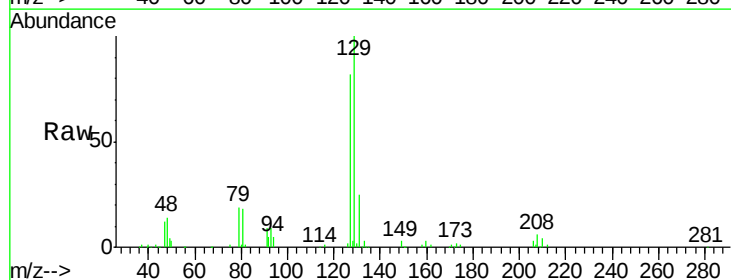
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

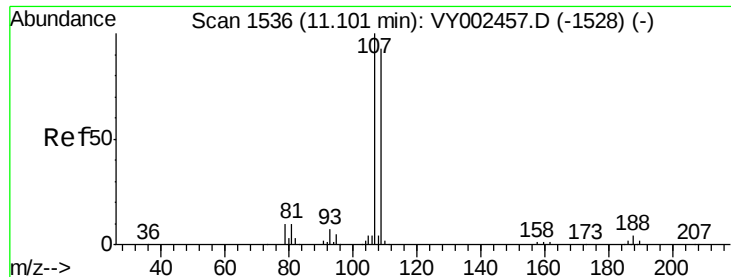
Tot Ion: 43 Resp: 91897
Ion Ratio Lower Upper
43 100
58 59.2 28.8 86.4



#60
Dibromochloromethane
Concen: 16.988 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 129 Resp: 40701
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

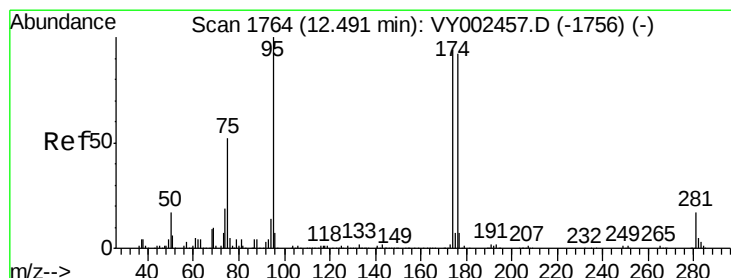
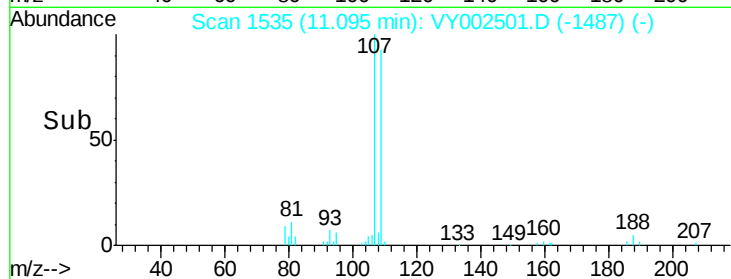
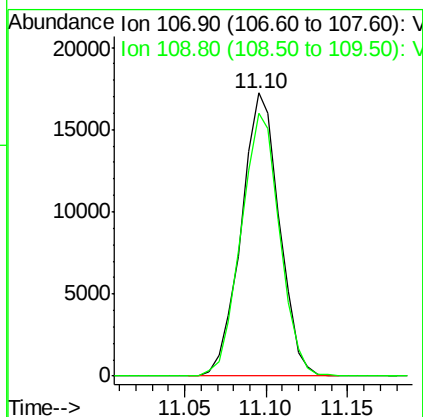
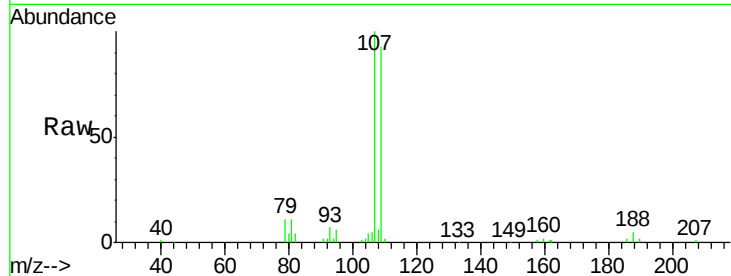




#61
 1,2-Dibromoethane
 Concen: 15.438 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

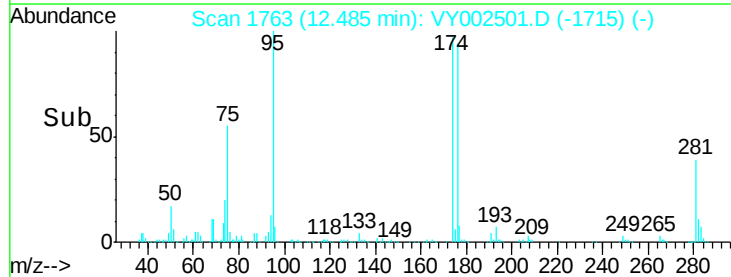
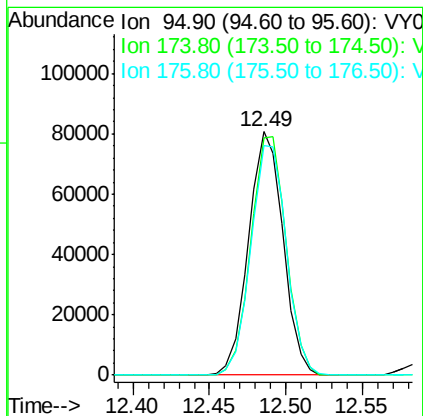
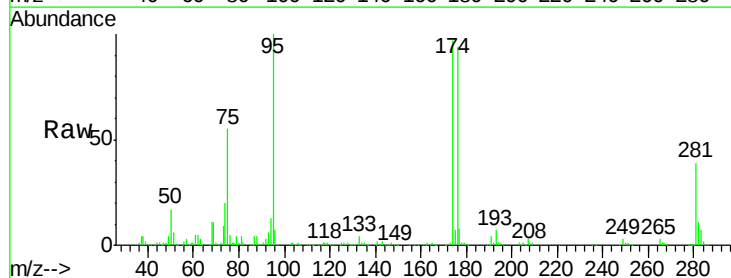
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

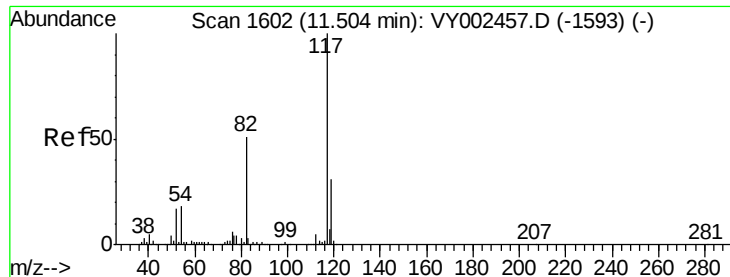
Tot Ion:107 Resp: 27992
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 44.866 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion: 95 Resp: 126296
 Ion Ratio Lower Upper
 95 100
 174 100.1 0.0 193.0
 176 97.6 0.0 190.4

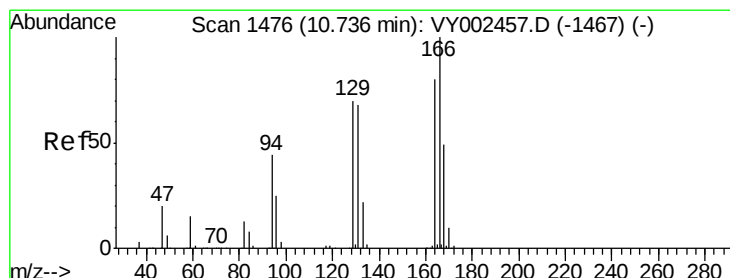
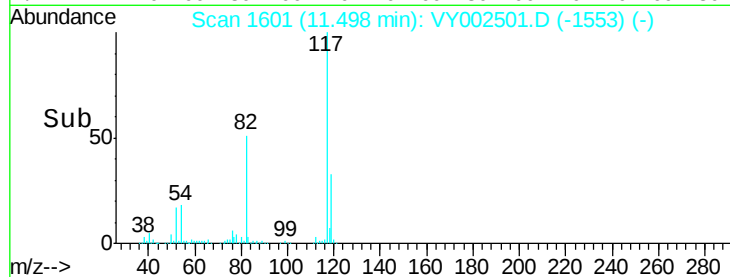
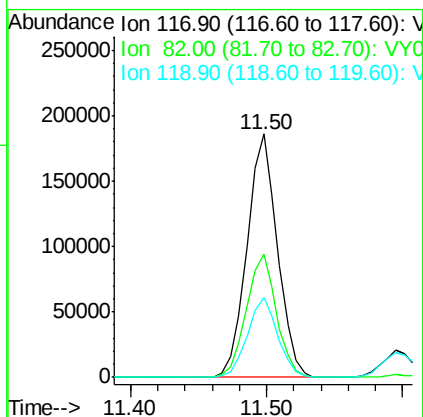
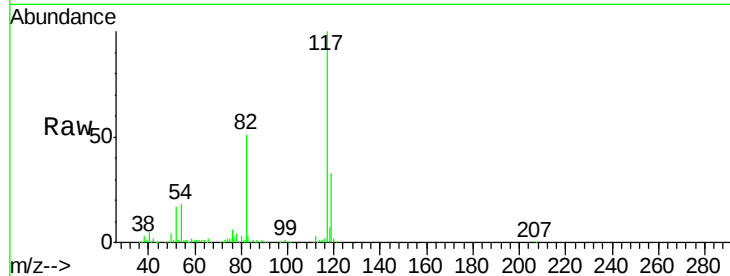




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

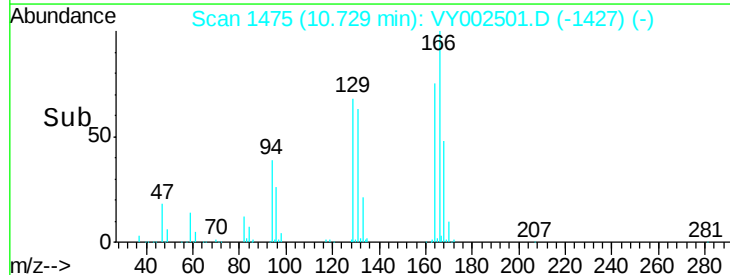
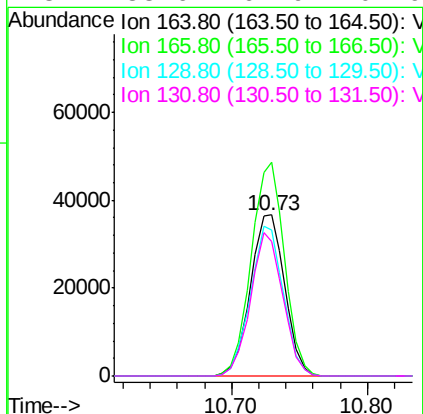
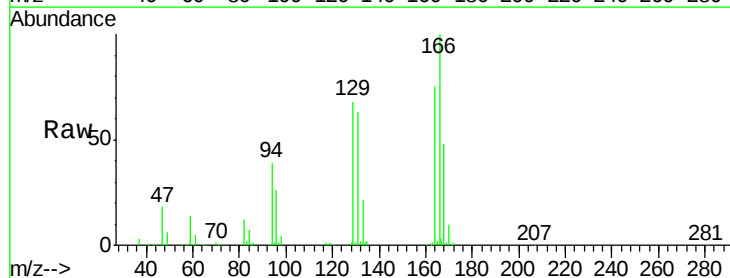
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

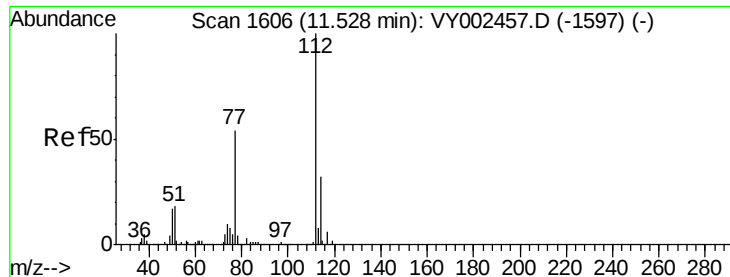
Tot Ion:117 Resp: 291496
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 24.220 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion:164 Resp: 64704
Ion Ratio Lower Upper
164 100
166 132.9 100.0 150.0
129 90.8 69.8 104.8
131 83.6 67.9 101.9





#65

Chlorobenzene

Concen: 20.568 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

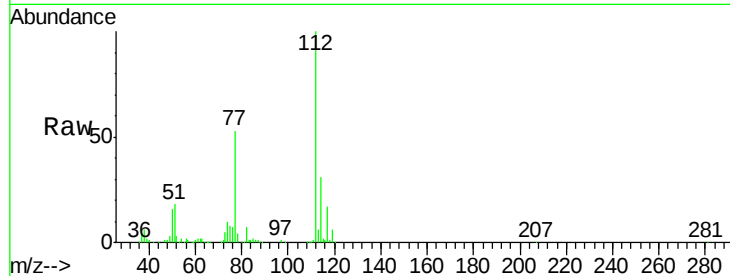
VY0429SBS01

Tot Ion:112 Resp: 115583

Ion Ratio Lower Upper

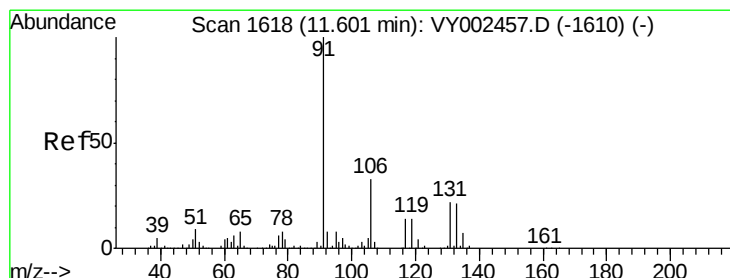
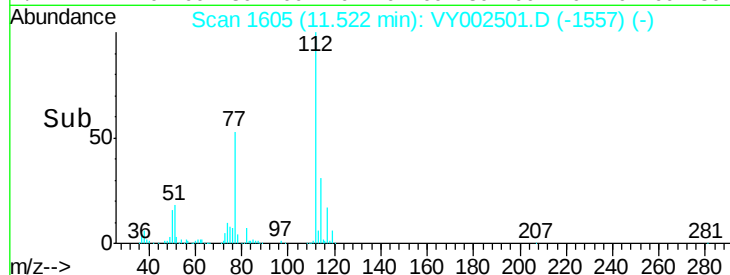
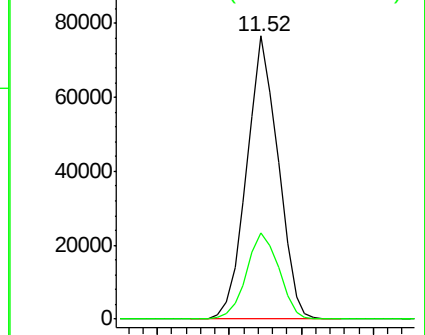
112 100

114 30.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 24.717 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

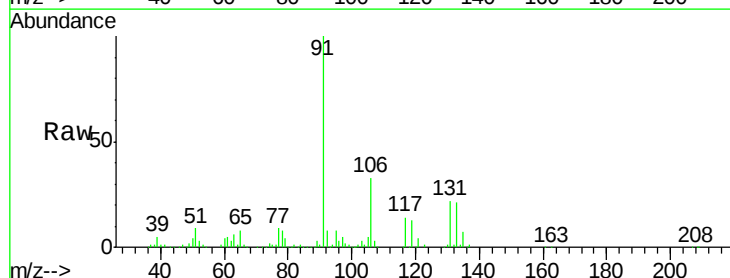
Tgt Ion:131 Resp: 52117

Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.4

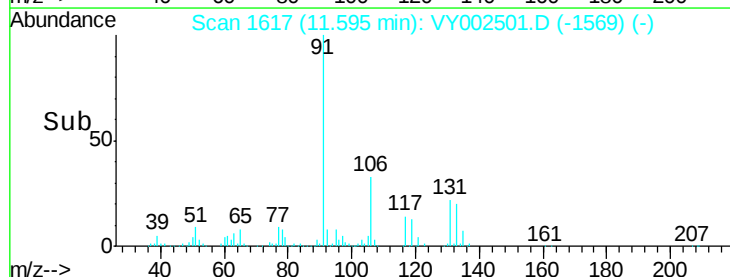
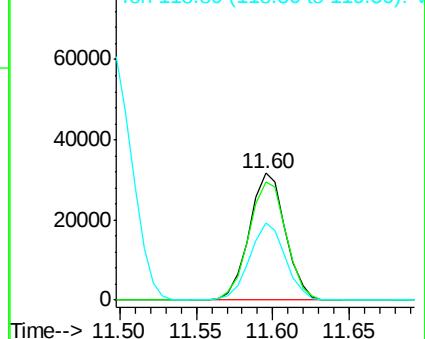
119 60.0 31.1 93.3

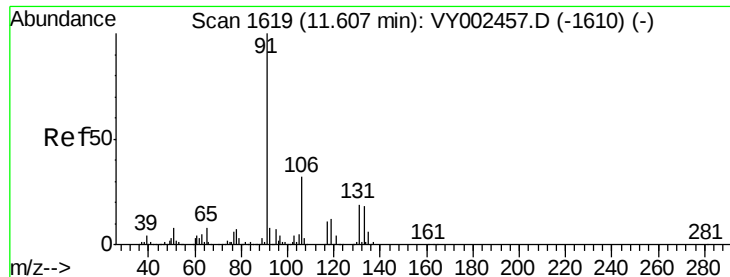


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

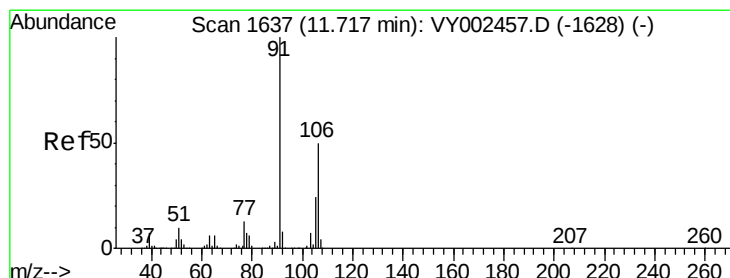
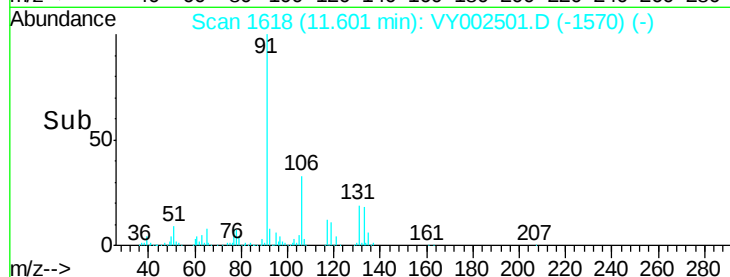
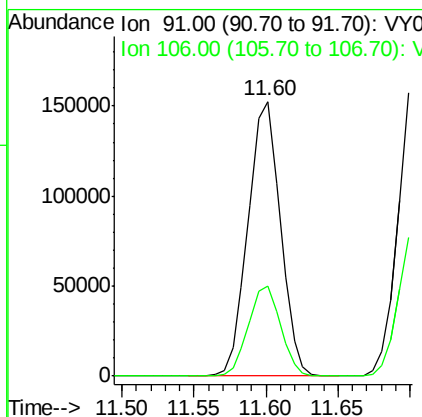
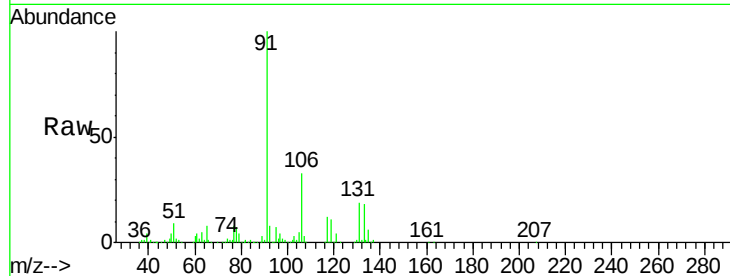




#67
Ethyl Benzene
Concen: 23.636 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

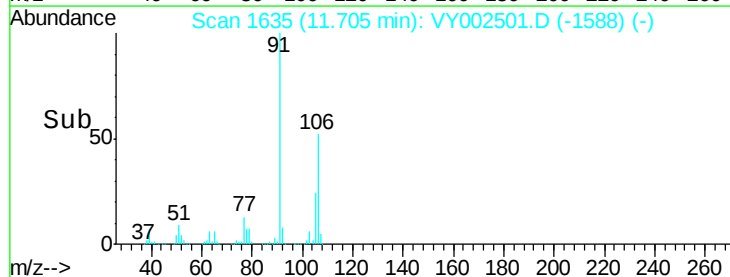
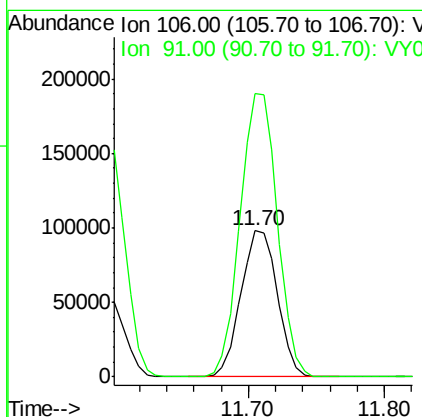
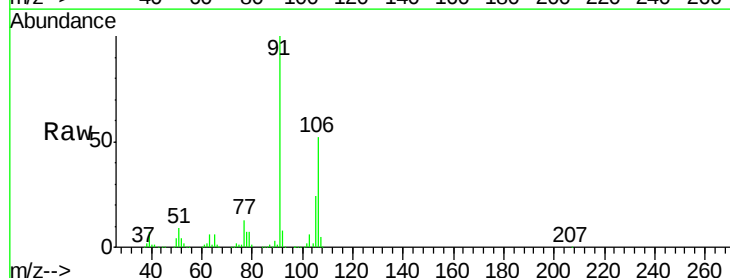
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion: 91 Resp: 236724
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6



#68
m/p-Xylenes
Concen: 47.753 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 106 Resp: 184116
Ion Ratio Lower Upper
106 100
91 197.3 159.8 239.6

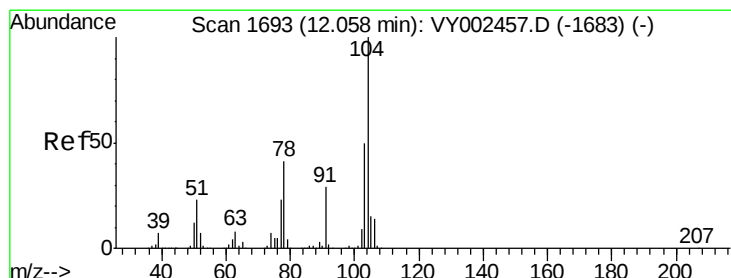
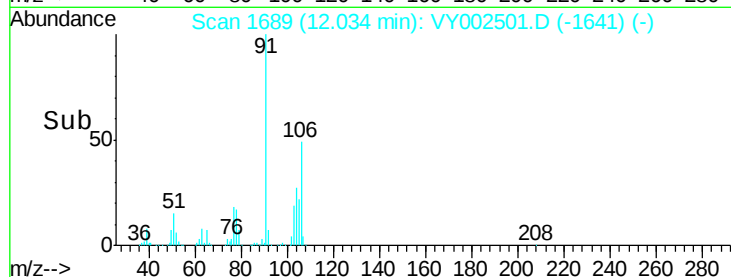
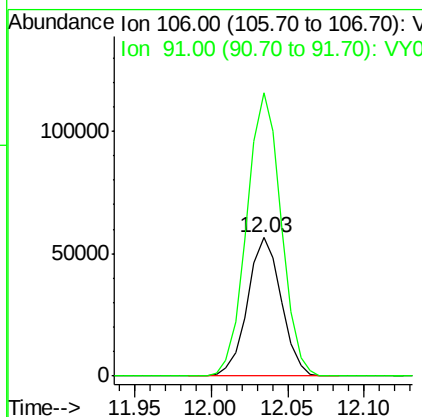
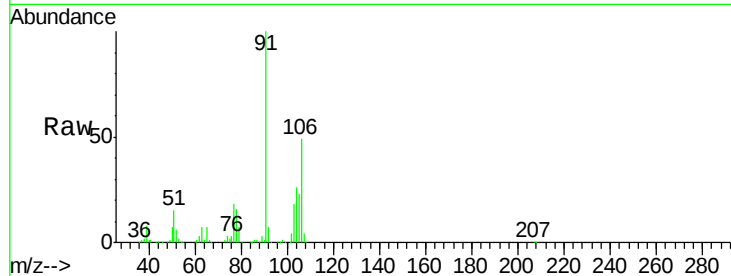




#69
o-Xylene
Concen: 24.281 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

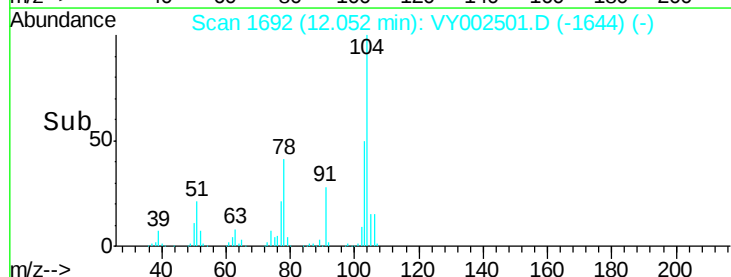
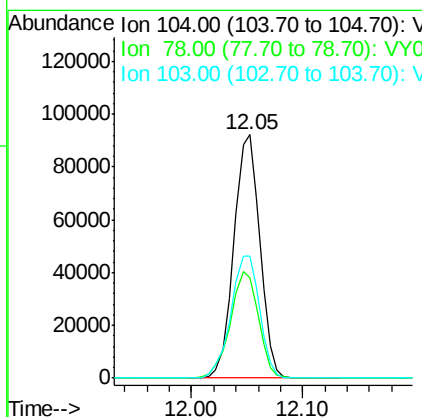
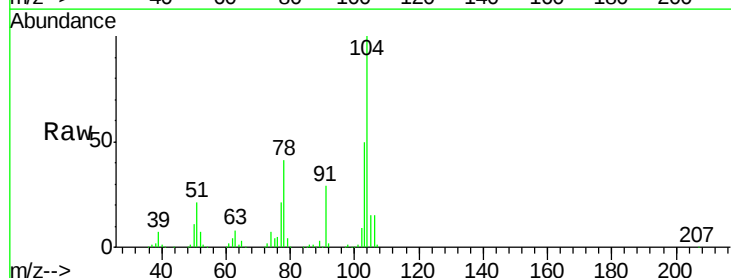
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

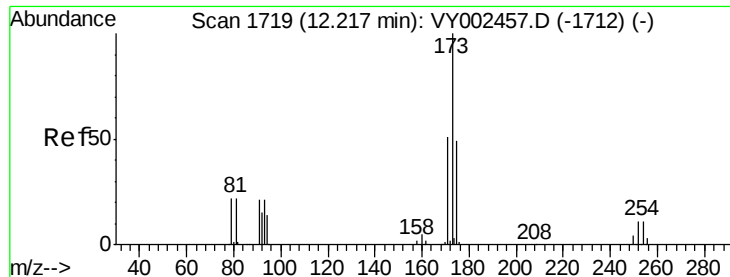
Tot Ion:106 Resp: 86695
Ion Ratio Lower Upper
106 100
91 208.2 104.5 313.3



#70
Styrene
Concen: 23.971 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion:104 Resp: 149024
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 55.4 44.4 66.6

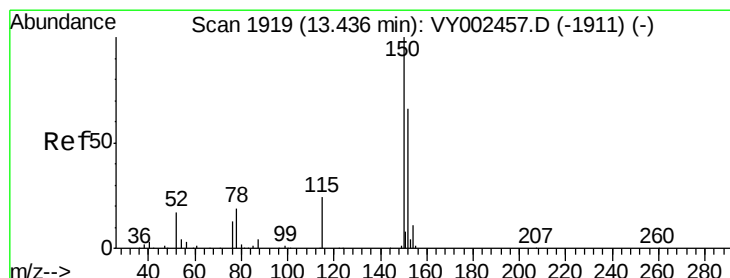
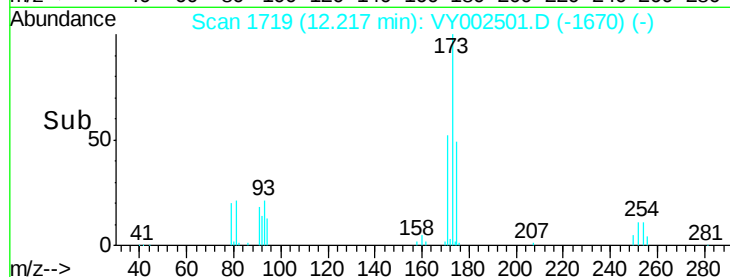
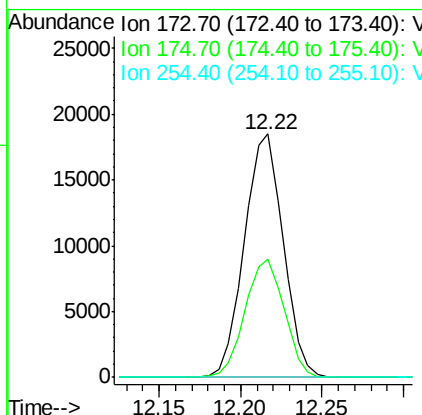
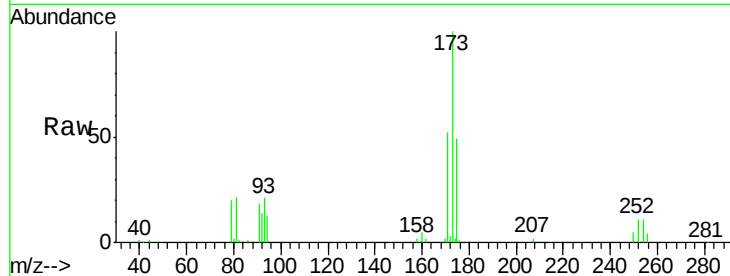




#71
Bromoform
Concen: 23.161 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

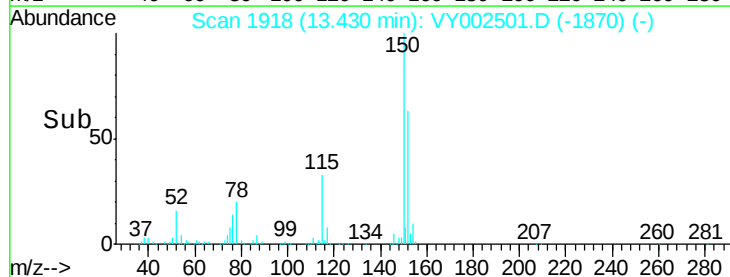
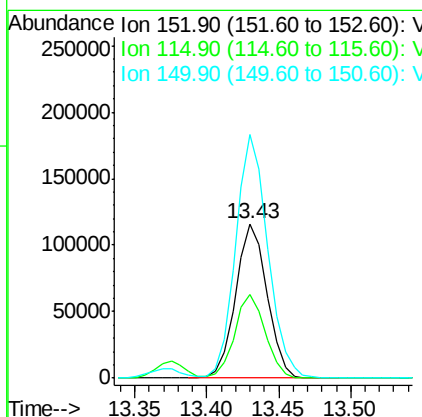
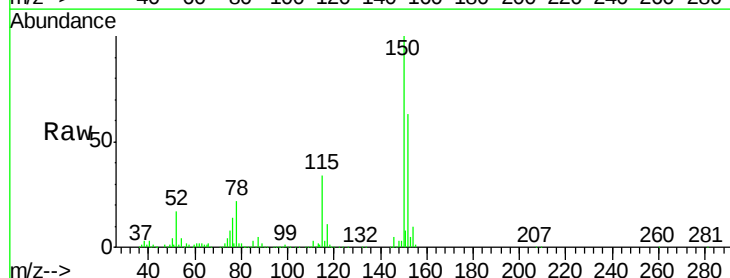
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

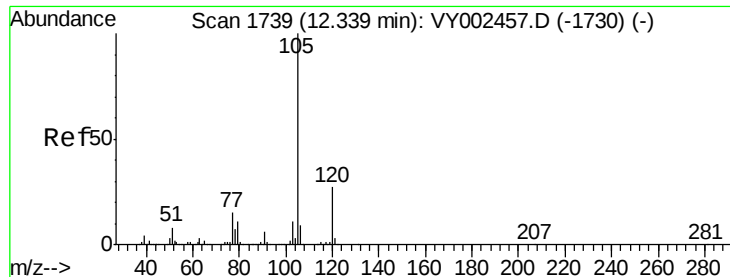
Tot Ion:173 Resp: 30765
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion:152 Resp: 175458
Ion Ratio Lower Upper
152 100
115 53.4 27.3 81.8
150 162.2 0.0 346.8

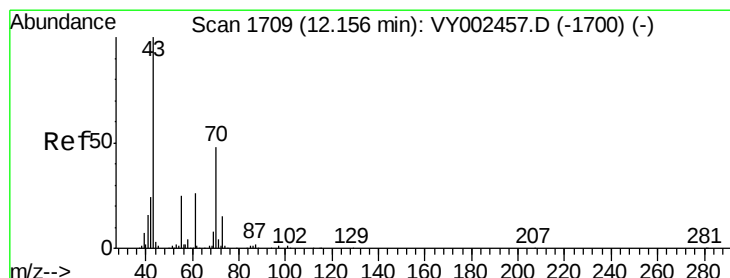
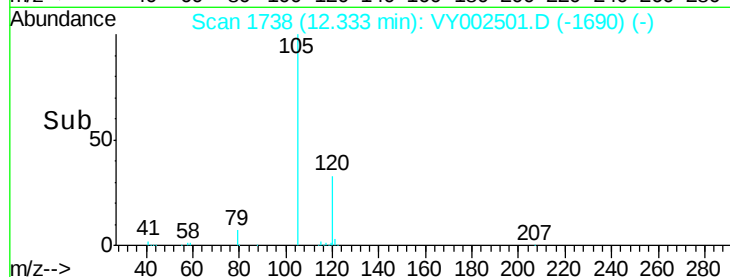
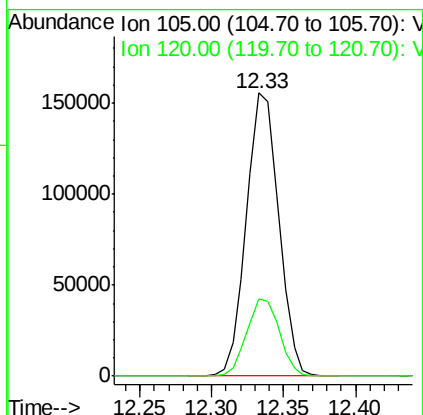
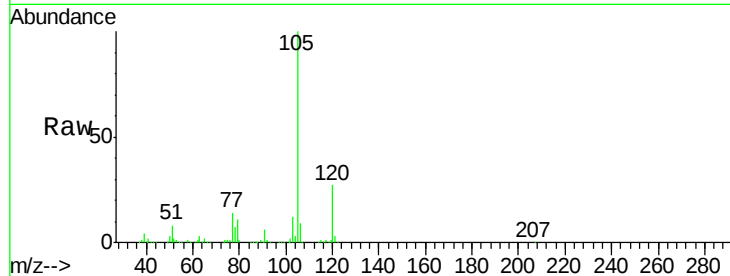




#73
Isopropylbenzene
Concen: 20.578 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

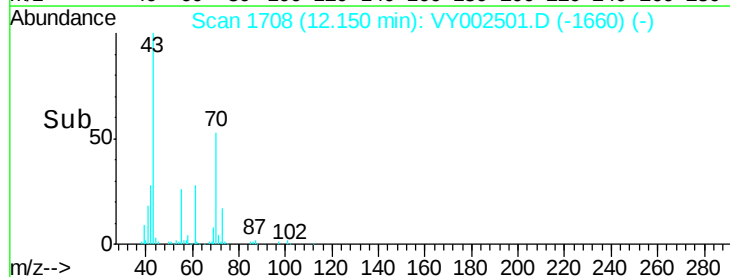
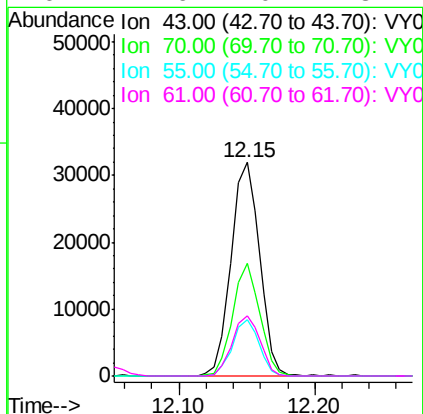
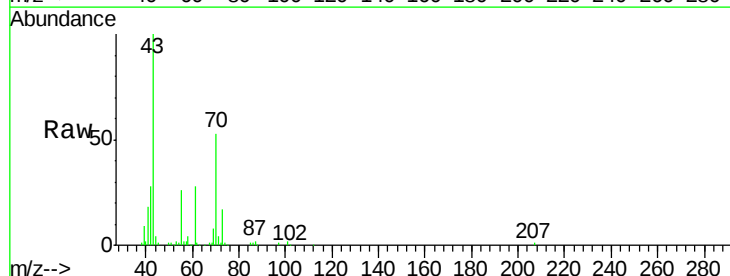
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

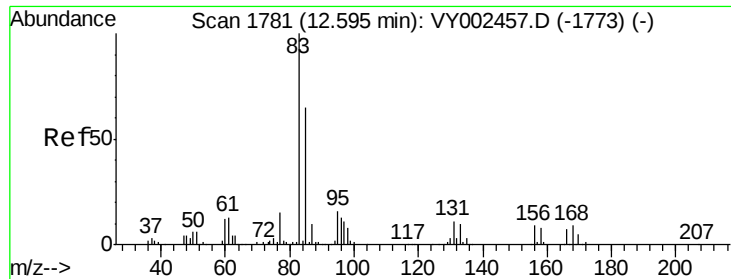
Tot Ion:105 Resp: 241388
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.7



#74
N-ethyl acetate
Concen: 16.804 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.01 min
Lab File: VY002501.D
Acq: 29 Apr 2020 11:49

Tgt Ion: 43 Resp: 46708
Ion Ratio Lower Upper
43 100
70 50.0 37.2 55.8
55 24.6 19.6 29.4
61 27.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.877 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

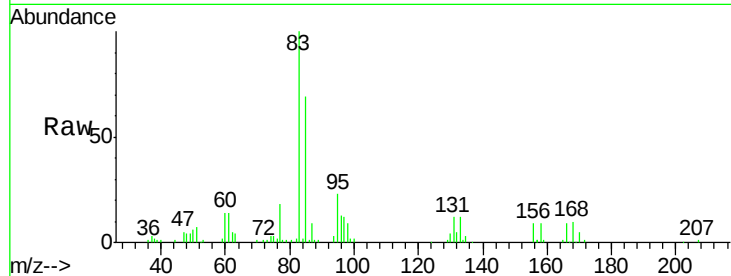
Tot Ion: 83 Resp: 32207

Ion Ratio Lower Upper

83 100

131 13.4 6.2 18.6

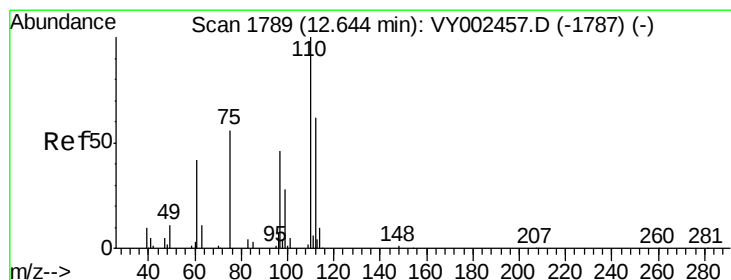
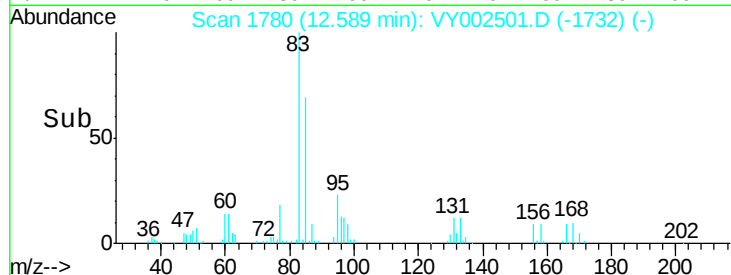
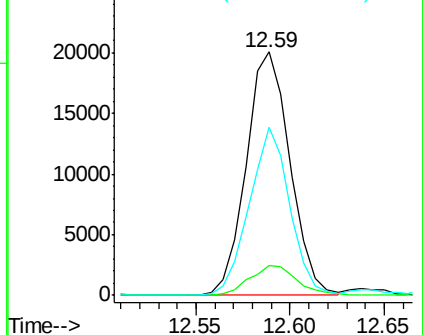
85 63.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 19.254 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002501.D

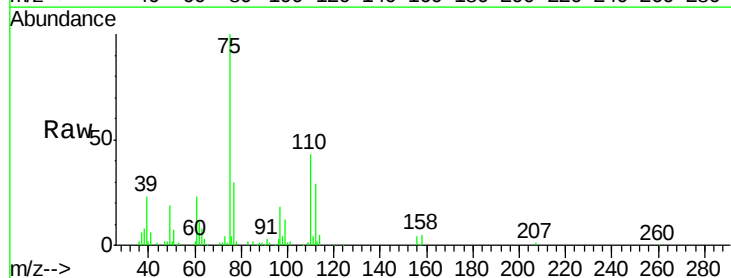
Acq: 29 Apr 2020 11:49

Tgt Ion: 75 Resp: 28633

Ion Ratio Lower Upper

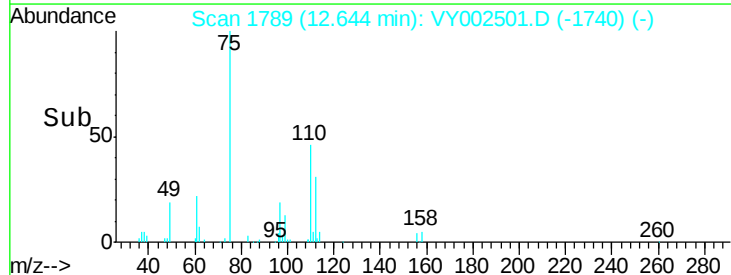
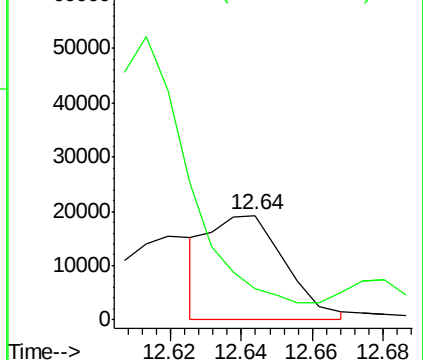
75 100

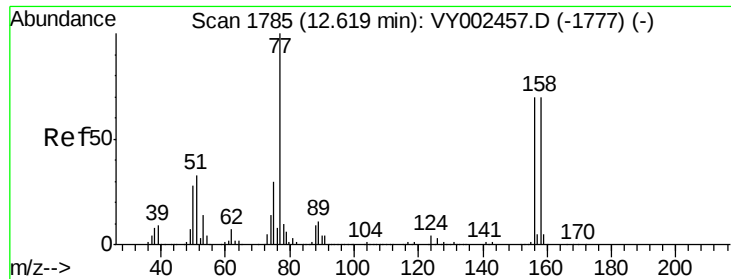
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.295 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

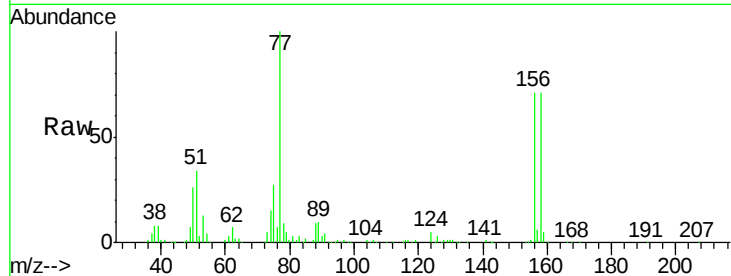
Tot Ion:156 Resp: 59708

Ion Ratio Lower Upper

156 100

77 149.5 78.5 235.7

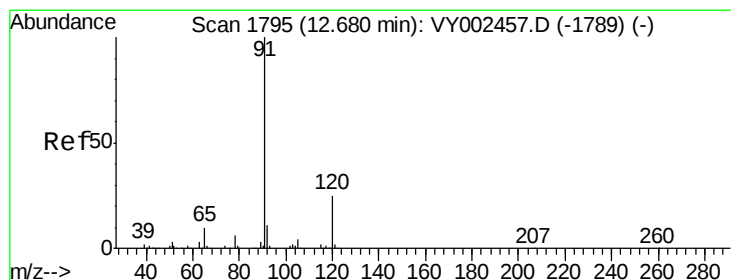
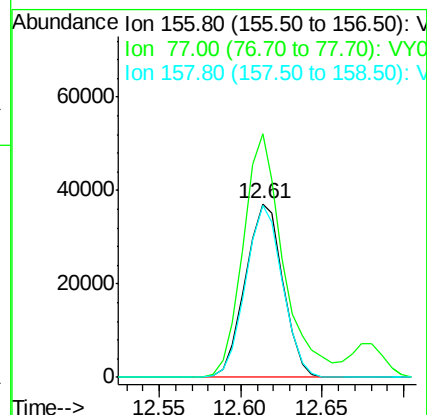
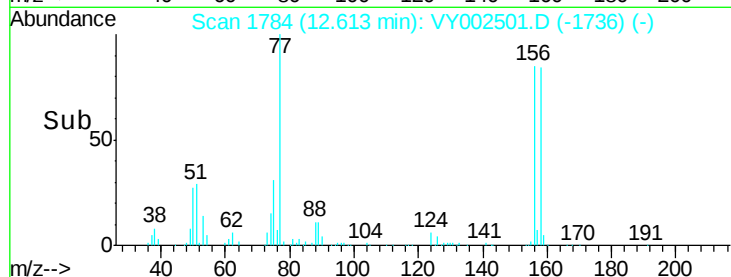
158 97.4 48.4 145.3



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: 19.987 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002501.D

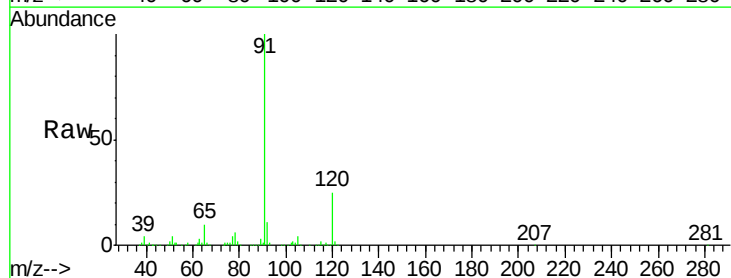
Acq: 29 Apr 2020 11:49

Tgt Ion: 91 Resp: 272212

Ion Ratio Lower Upper

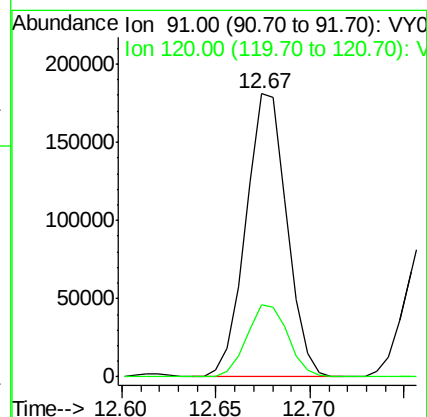
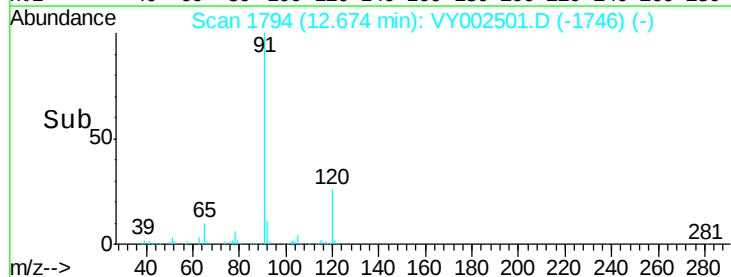
91 100

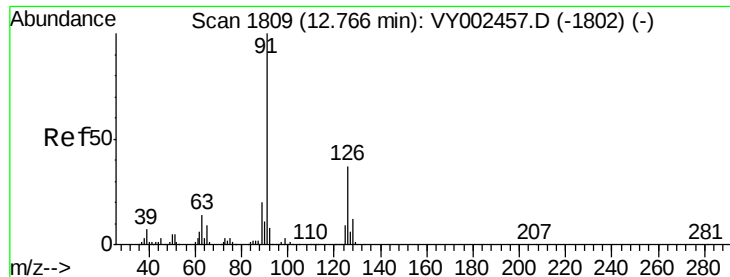
120 25.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

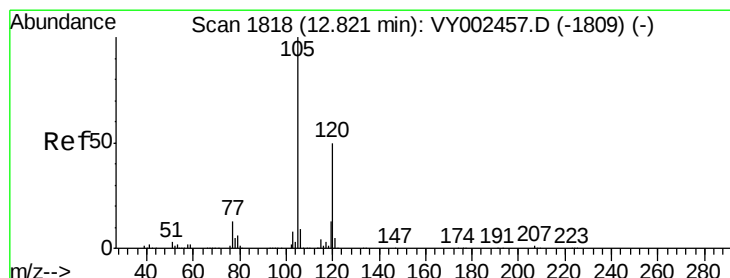
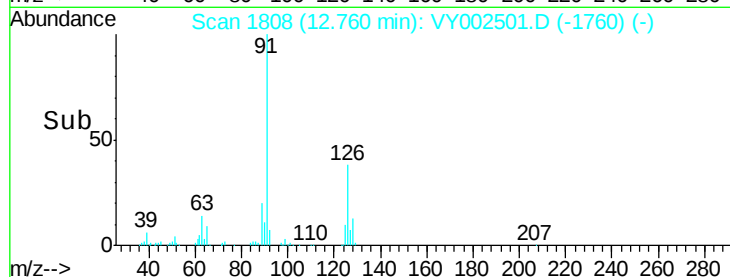
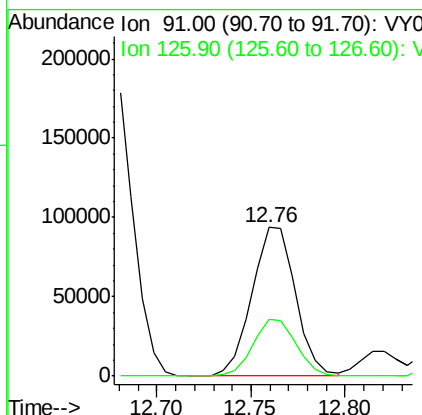
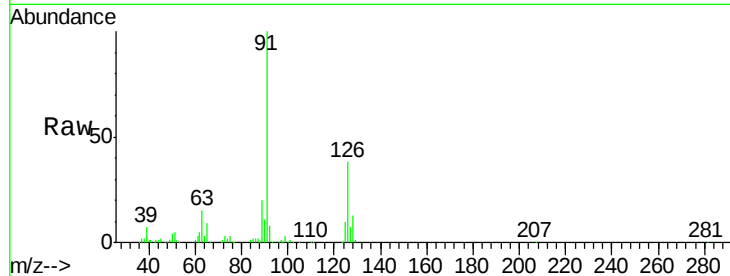




#79
 2-Chlorotoluene
 Concen: 20.227 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

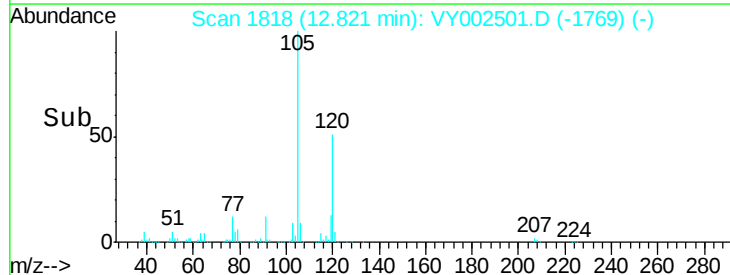
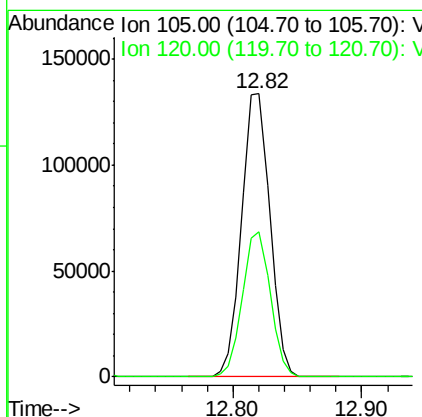
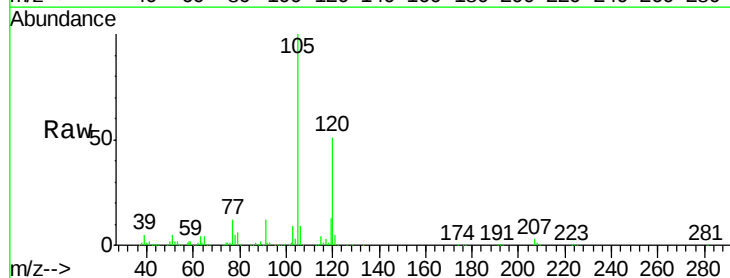
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

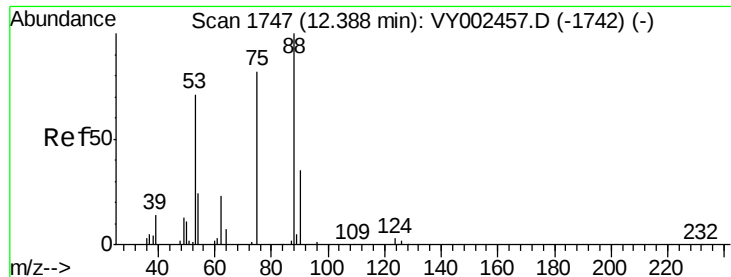
Tot Ion: 91 Resp: 150741
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.449 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion:105 Resp: 203583
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.564 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

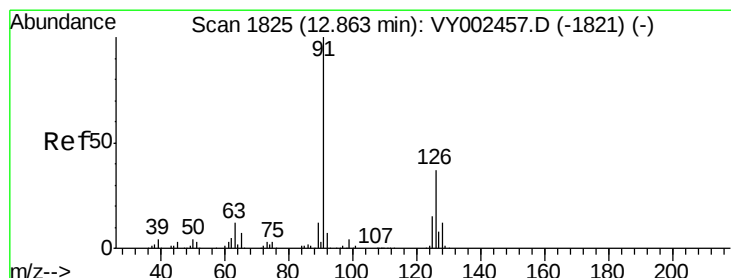
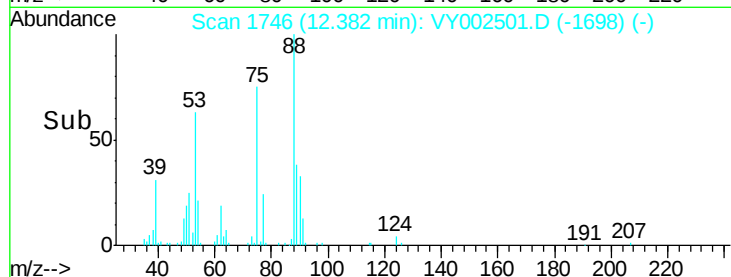
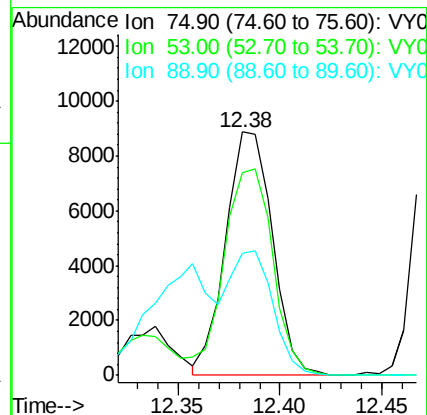
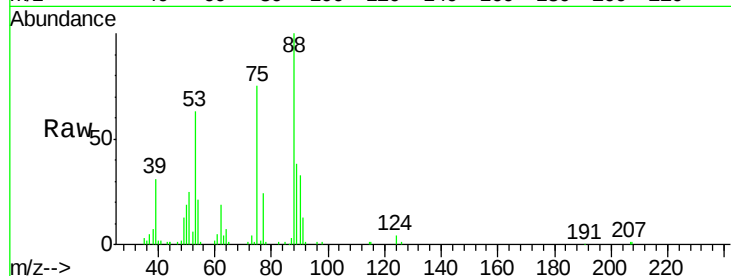
Tot Ion: 75 Resp: 14115

Ion Ratio Lower Upper

75 100

53 89.8 70.0 105.0

89 47.4 34.9 52.3



#82

4-Chlorotoluene

Concen: 20.593 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002501.D

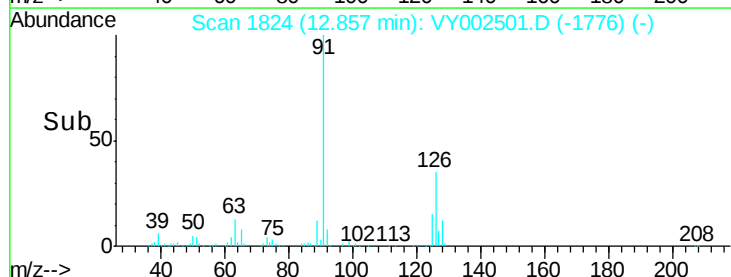
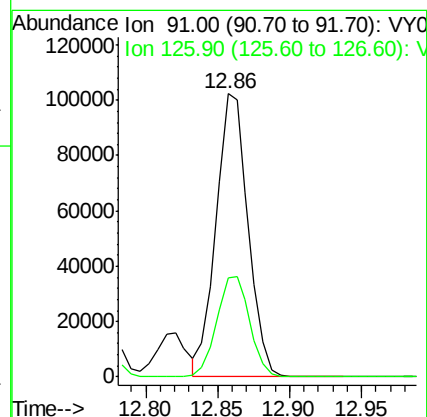
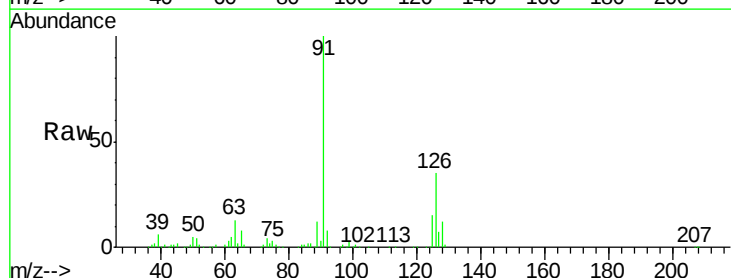
Acq: 29 Apr 2020 11:49

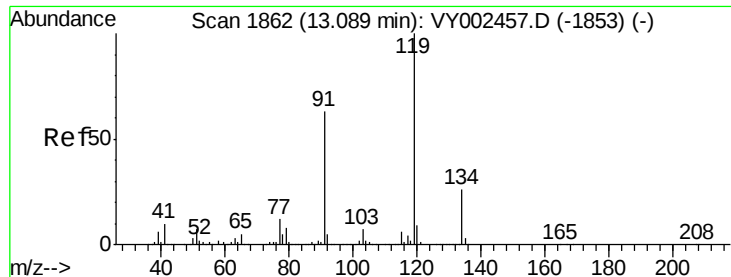
Tgt Ion: 91 Resp: 158620

Ion Ratio Lower Upper

91 100

126 36.5 18.5 55.5





#83

tert-Butylbenzene

Concen: 20.959 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

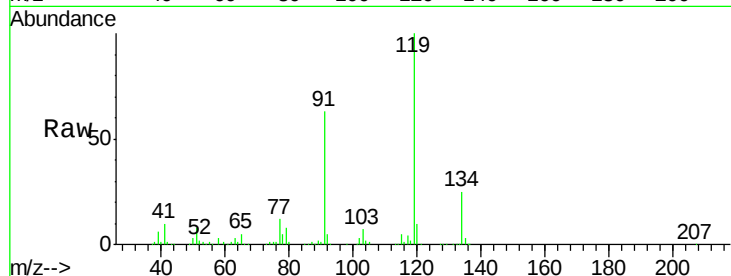
Tot Ion:119 Resp: 181196

Ion Ratio Lower Upper

119 100

91 61.6 30.8 92.3

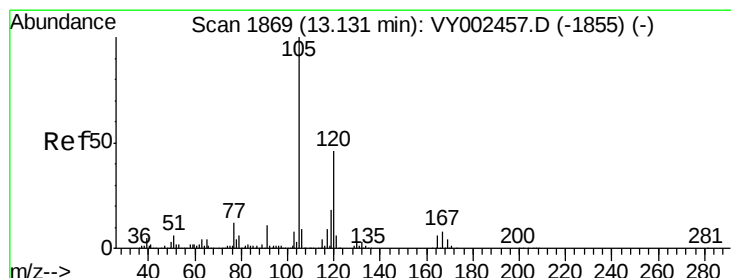
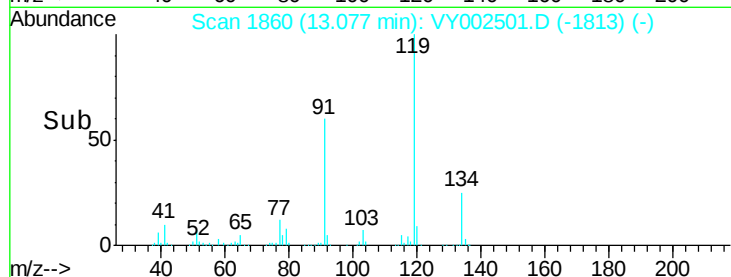
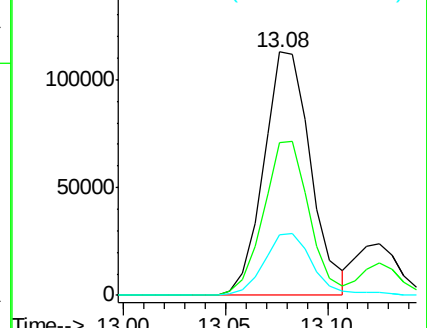
134 26.6 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.278 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VY002501.D

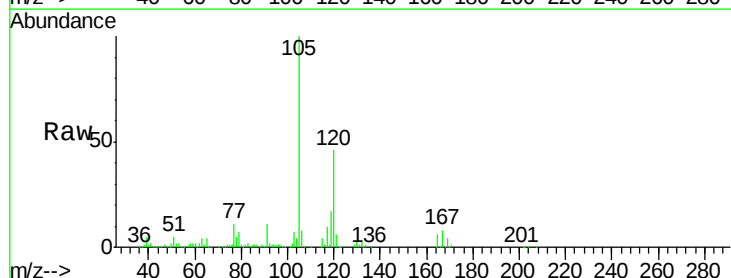
Acq: 29 Apr 2020 11:49

Tgt Ion:105 Resp: 203243

Ion Ratio Lower Upper

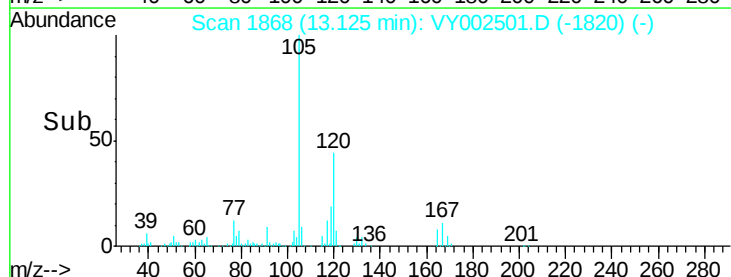
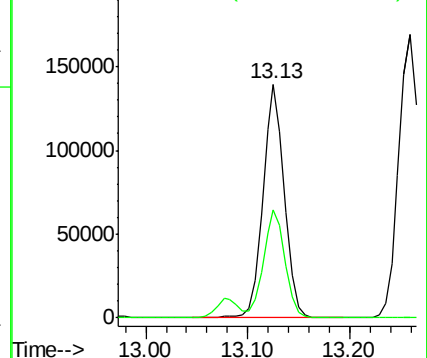
105 100

120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.970 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

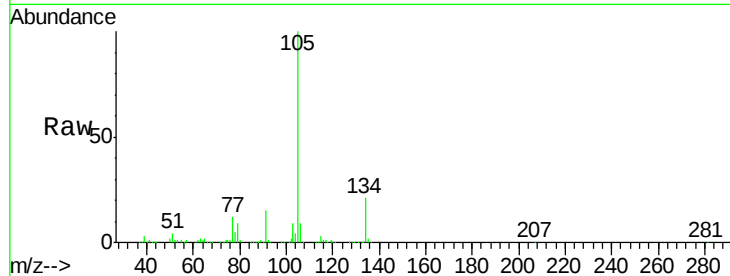
VY0429SBS01

Tot Ion:105 Resp: 242753

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

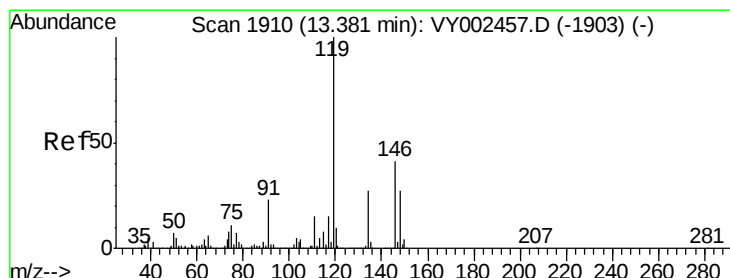
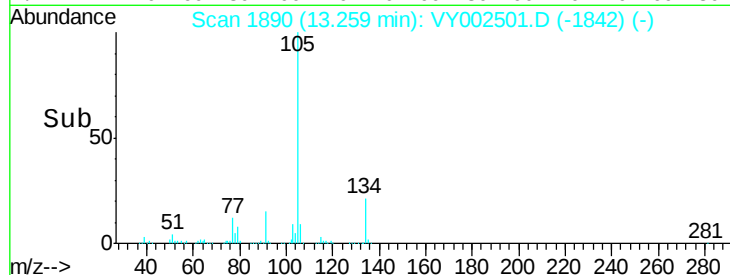
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.159 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

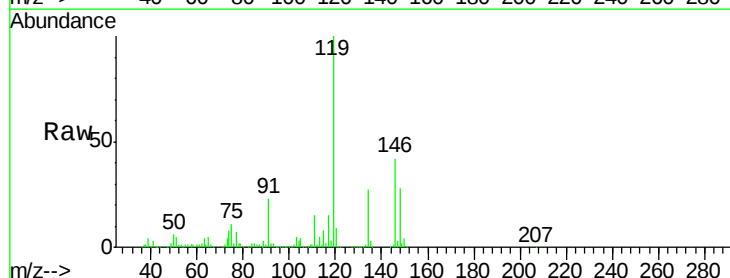
Tgt Ion:119 Resp: 233598

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.3 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

13.38

200000

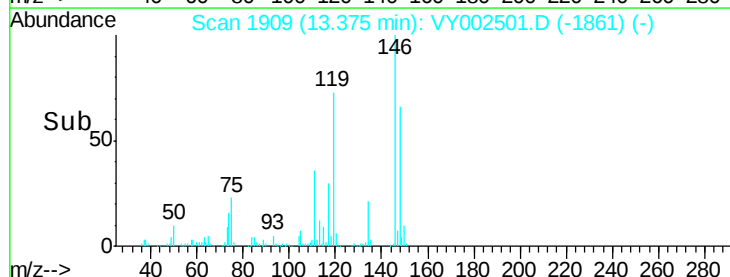
150000

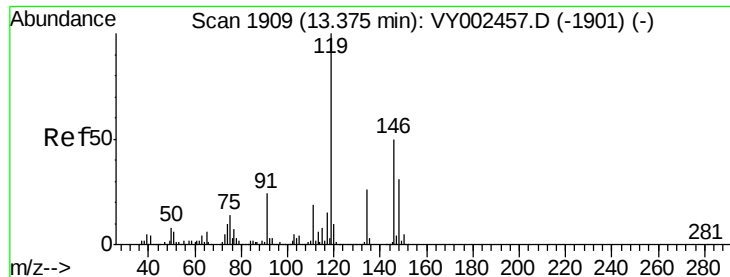
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.100 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

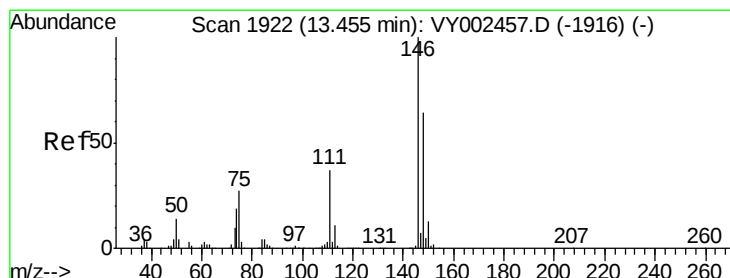
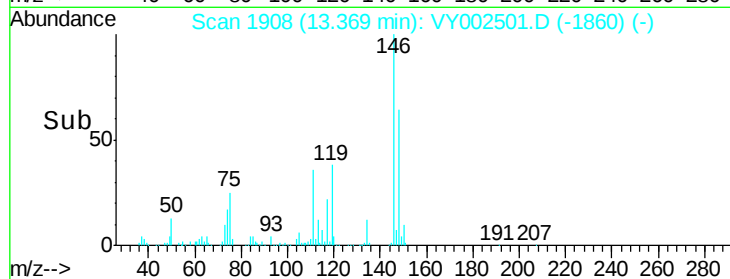
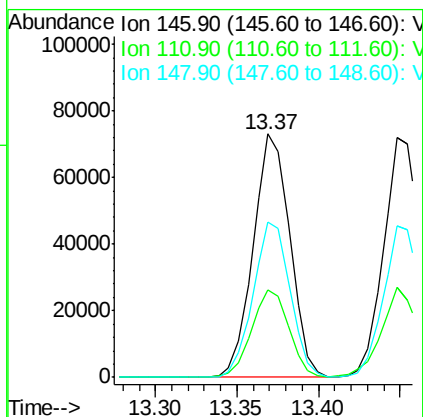
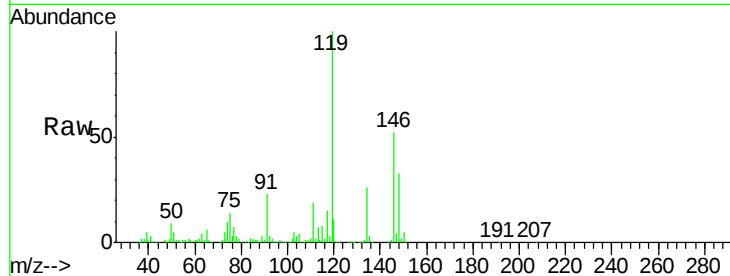
Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion:146 Resp: 114812

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.3
148	64.0	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 20.846 ug/l

RT: 13.45 min Scan# 1921

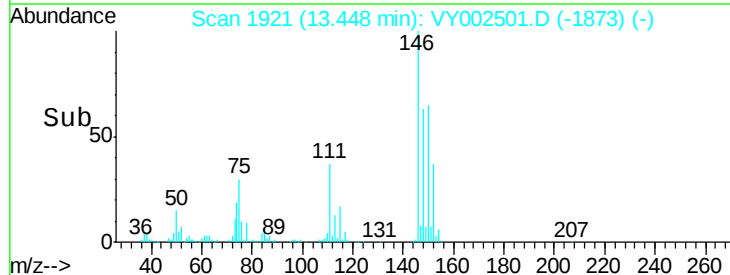
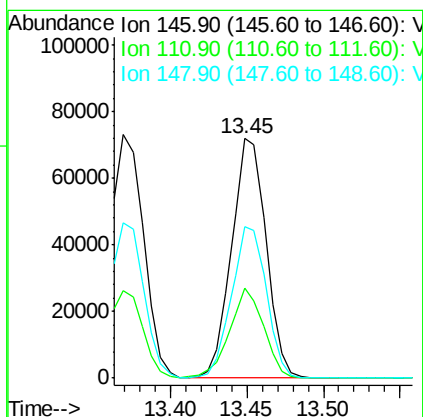
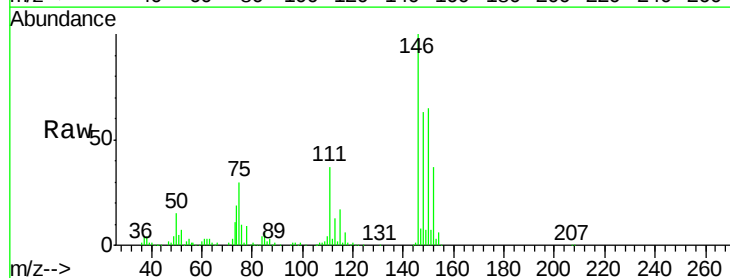
Delta R.T. -0.01 min

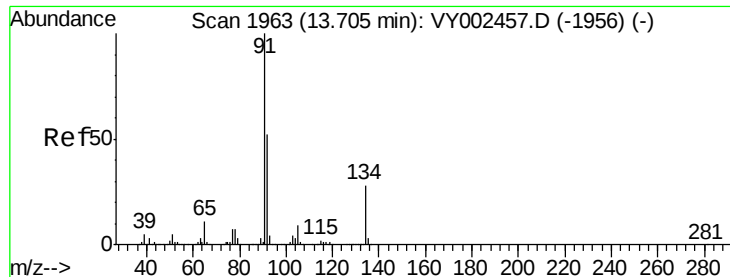
Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Tgt Ion:146 Resp: 112788

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.5	32.1	96.5





#89

n-Butylbenzene

Concen: 19.887 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

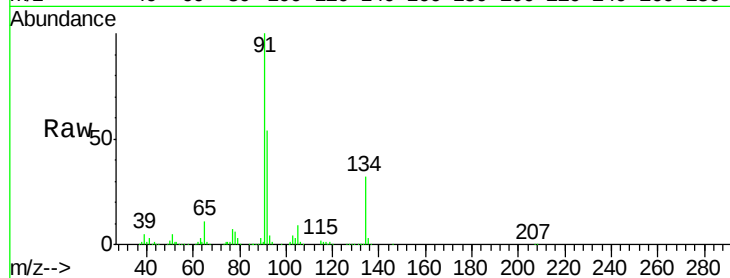
Tot Ion: 91 Resp: 202535

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

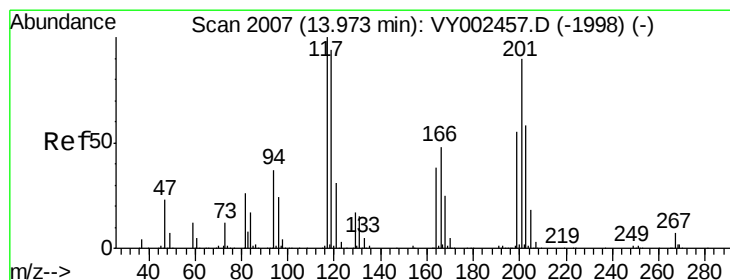
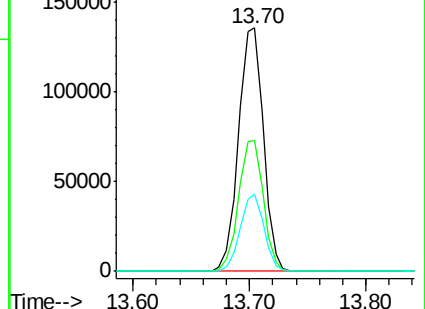
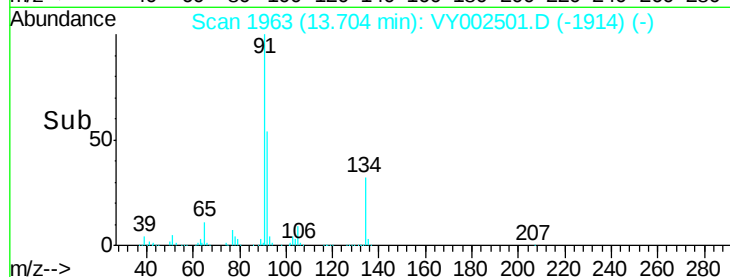
134 30.3 14.3 42.9



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: 20.351 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002501.D

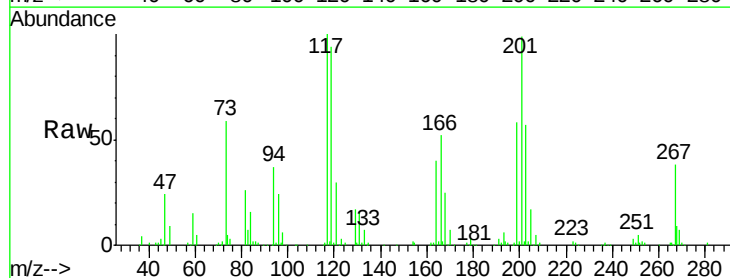
Acq: 29 Apr 2020 11:49

Tgt Ion: 117 Resp: 40610

Ion Ratio Lower Upper

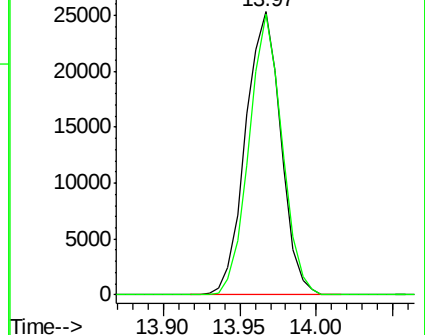
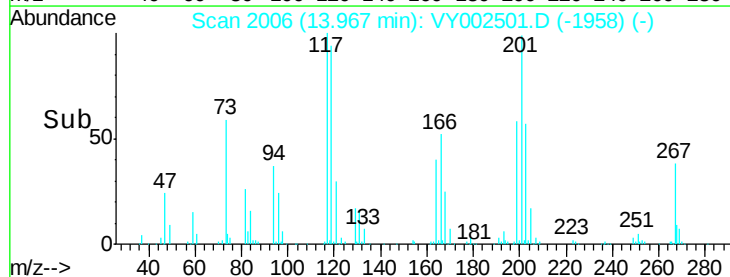
117 100

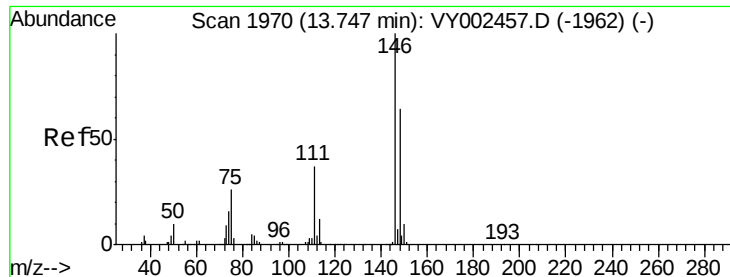
201 92.6 44.4 133.1



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: 21.643 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

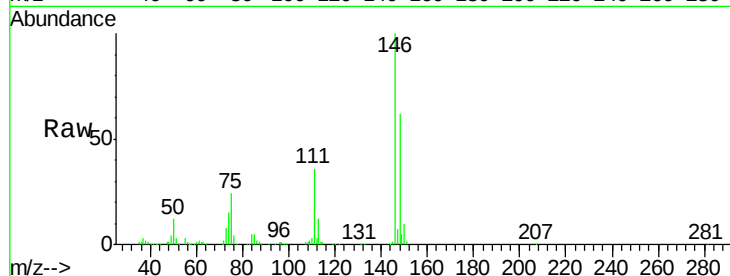
Tot Ion:146 Resp: 101416

Ion Ratio Lower Upper

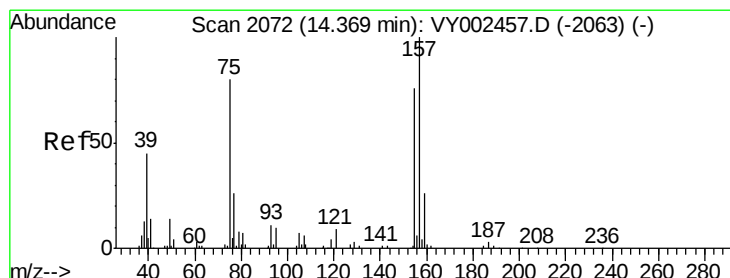
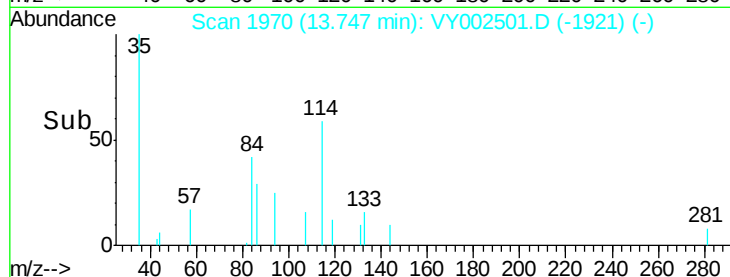
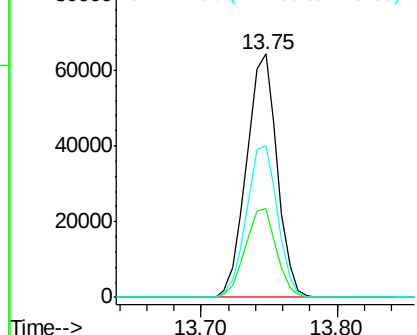
146 100

111 37.0 18.9 56.9

148 63.6 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: 18.456 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

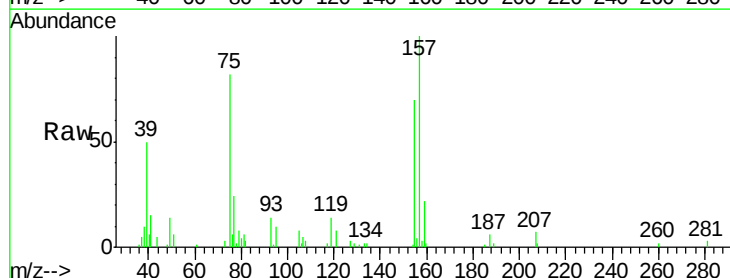
Tgt Ion: 75 Resp: 6601

Ion Ratio Lower Upper

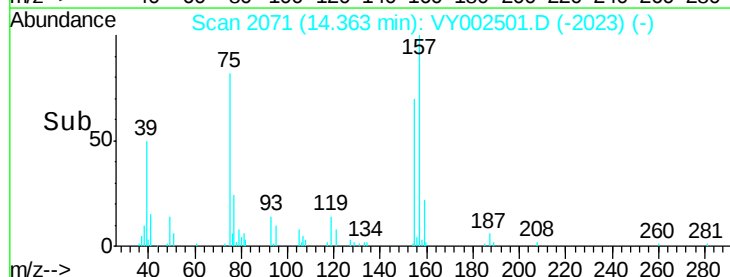
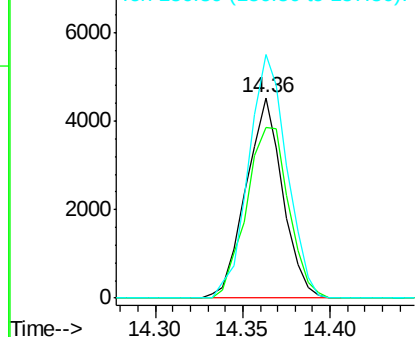
75 100

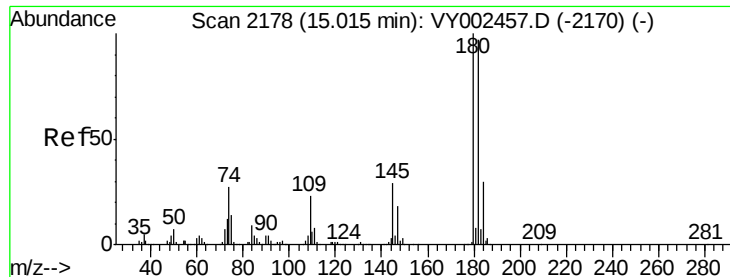
155 98.3 49.6 149.0

157 127.0 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

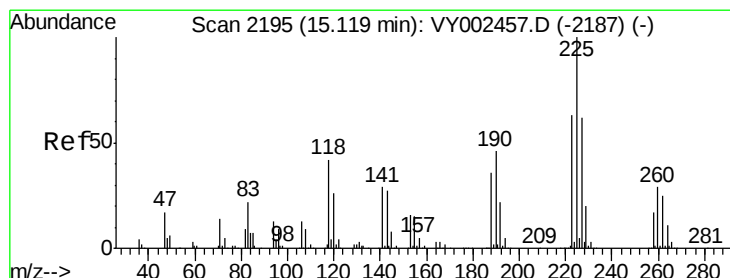
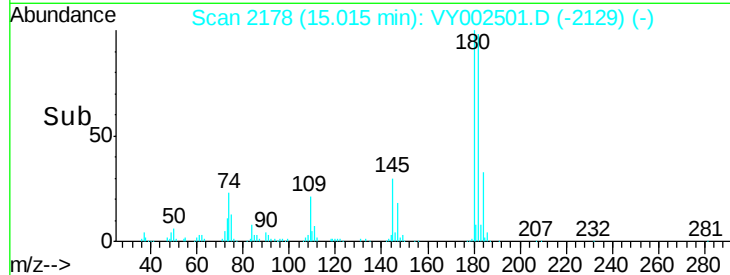
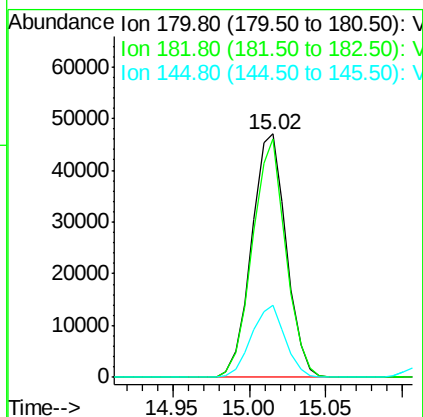
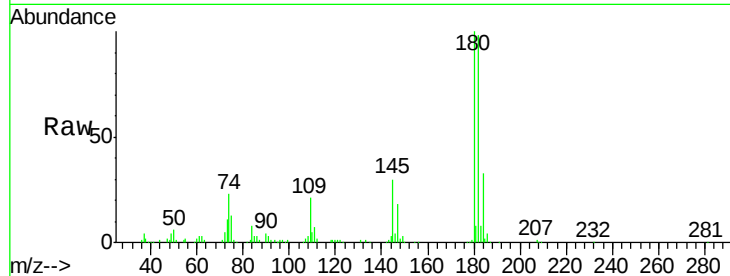




#93
 1,2,4-Trichlorobenzene
 Concen: 20.022 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

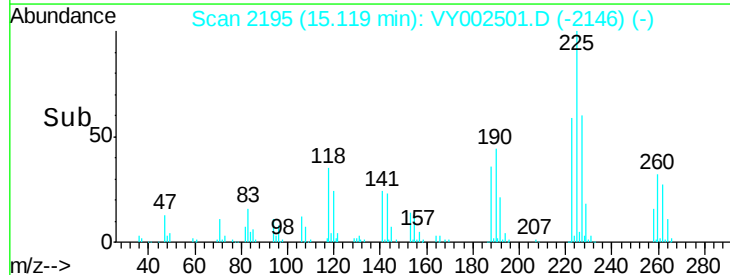
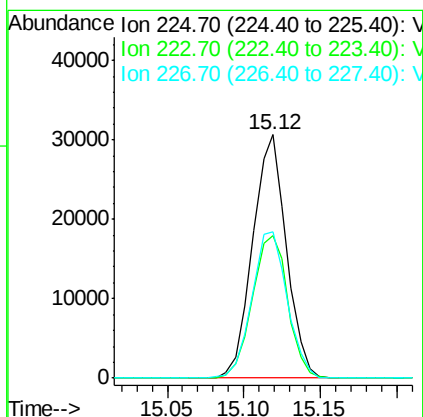
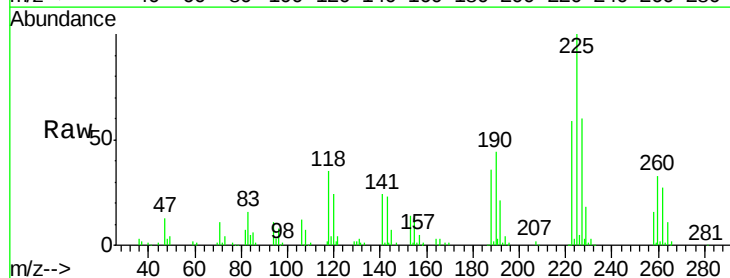
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

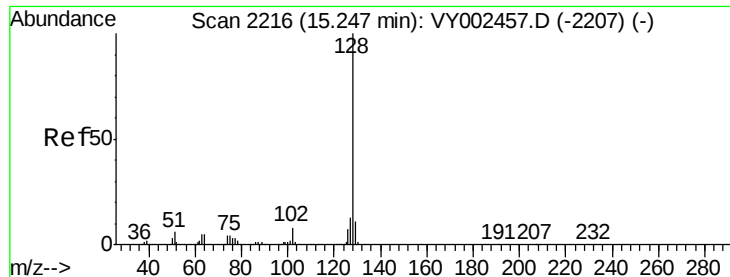
Tot Ion:180 Resp: 74048
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.7
 145 28.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 21.053 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002501.D
 Acq: 29 Apr 2020 11:49

Tgt Ion:225 Resp: 46991
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.3
 227 63.0 31.5 94.5





#95

Naphthalene

Concen: 18.308 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

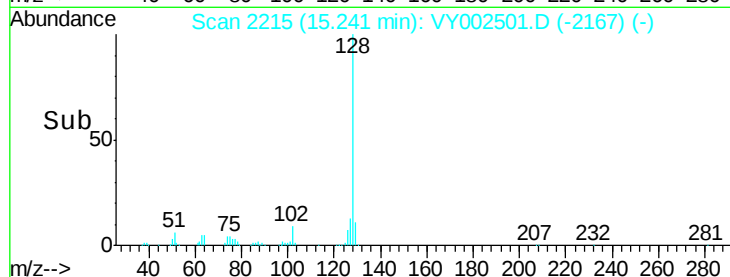
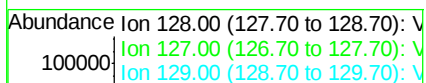
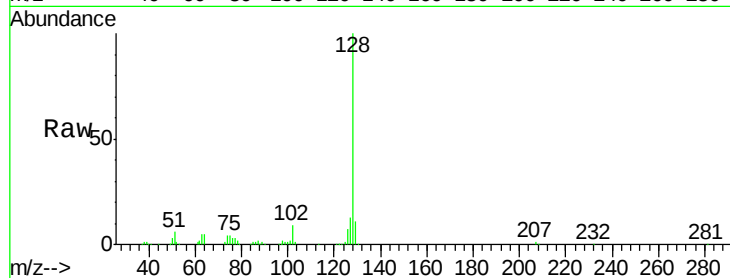
Tot Ion:128 Resp: 125578

Ion Ratio Lower Upper

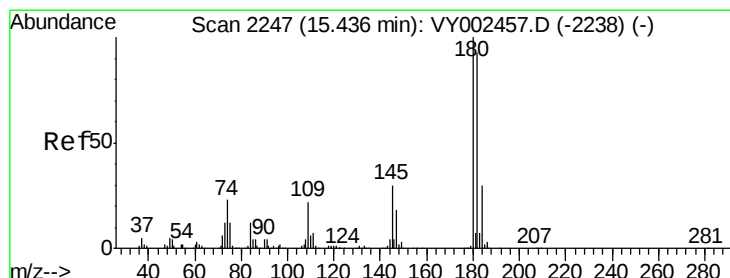
128 100

127 13.1 10.5 15.7

129 10.9 8.8 13.2



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.810 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002501.D

Acq: 29 Apr 2020 11:49

Tgt Ion:180 Resp: 62142

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.6

145 30.1 15.3 45.9

