

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002505.D
 Acq On : 29 Apr 2020 13:46
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 04:49:46 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	7.80	168	330274	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	473230	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	422044	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	218365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	107067	37.09	ug/l	-0.01
Spiked Amount			Recovery	=	74.18%	
35) Dibromofluoromethane	7.74	113	109416	40.99	ug/l	-0.01
Spiked Amount			Recovery	=	81.98%	
50) Toluene-d8	10.19	98	425699	39.68	ug/l	-0.01
Spiked Amount			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.49	95	143139	39.76	ug/l	0.00
Spiked Amount			Recovery	=	79.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39842	16.472	ug/l	98
3) Chloromethane	2.13	50	47364	15.390	ug/l	95
4) Vinyl Chloride	2.26	62	37676	17.042	ug/l	99
5) Bromomethane	2.66	94	22489	18.124	ug/l	91
6) Chloroethane	2.81	64	18258	17.672	ug/l	100
7) Trichlorofluoromethane	3.14	101	66421	16.569	ug/l	99
8) Diethyl Ether	3.54	74	16237	9.826	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.92	101	33972	12.311	ug/l	96
10) Methyl Iodide	4.11	142	67690	15.901	ug/l	99
11) Tert butyl alcohol	4.98	59	19595	72.121	ug/l	97
12) 1,1-Dichloroethene	3.90	96	33201	11.743	ug/l	97
13) Acrolein	3.75	56	8290	38.116	ug/l	97
14) Allyl chloride	4.50	41	65439	15.750	ug/l	98
15) Acrylonitrile	5.19	53	54866	69.396	ug/l	97
16) Acetone	3.97	43	31209	51.733	ug/l	94
17) Carbon Disulfide	4.21	76	142110	16.120	ug/l	99
18) Methyl Acetate	4.50	43	27006	13.912	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	120840	15.839	ug/l	100
20) Methylene Chloride	4.74	84	56035	16.269	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	53115	16.686	ug/l	93
22) Diisopropyl ether	6.14	45	130738	15.914	ug/l	98
23) Vinyl Acetate	6.08	43	384912	73.735	ug/l	100
24) 1,1-Dichloroethane	6.04	63	80970	16.279	ug/l	99
25) 2-Butanone	7.01	43	63084	68.256	ug/l	99
26) 2,2-Dichloropropane	7.00	77	86569	18.199	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58167	16.801	ug/l	98
28) Bromochloromethane	7.35	49	33267	17.144	ug/l	91
29) Tetrahydrofuran	7.37	42	40502	66.098	ug/l	98
30) Chloroform	7.52	83	89361	16.874	ug/l	100
31) Cyclohexane	7.80	56	81044	16.295	ug/l #	91
32) 1,1,1-Trichloroethane	7.72	97	89088	17.803	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70624	17.405	ug/l	100
37) Ethyl Acetate	7.09	43	28591	14.025	ug/l	96
38) Carbon Tetrachloride	7.91	117	85974	18.425	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90856	17.164	ug/l	98
40) Benzene	8.18	78	202230	17.243	ug/l	100
41) Methacrylonitrile	7.33	41	15601m	12.422	ug/l	
42) 1,2-Dichloroethane	8.25	62	57381	16.842	ug/l	100
43) Isopropyl Acetate	8.28	43	54335	14.251	ug/l	97
44) Trichloroethene	8.95	130	64516	17.593	ug/l	97
45) 1,2-Dichloropropane	9.22	63	43877	16.233	ug/l	97
46) Dibromomethane	9.32	93	25841	16.340	ug/l	97
47) Bromodichloromethane	9.50	83	68126	17.226	ug/l	97
48) Methyl methacrylate	9.30	41	24612	14.140	ug/l	96
49) 1,4-Dioxane	9.30	88	6516	323.309	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	141400	71.400	ug/l	98
52) Toluene	10.25	92	131514	17.420	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68873	16.583	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	80172	16.865	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	38756	16.575	ug/l	97
56) Ethyl methacrylate	10.52	69	47109	14.745	ug/l	98
57) 1,3-Dichloropropane	10.80	76	63652	16.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	122388	79.215	ug/l	98
59) 2-Hexanone	10.84	43	92551	67.046	ug/l	98
60) Dibromochloromethane	10.99	129	51540	16.822	ug/l	100
61) 1,2-Dibromoethane	11.10	107	36799	15.871	ug/l	99
64) Tetrachloroethene	10.72	164	72620	18.774	ug/l	97
65) Chlorobenzene	11.52	112	146773	18.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	56122	18.383	ug/l	99
67) Ethyl Benzene	11.60	91	262268	18.086	ug/l	99
68) m/p-Xylenes	11.70	106	201610	36.116	ug/l	98
69) o-Xylene	12.03	106	94948	18.367	ug/l	98
70) Styrene	12.05	104	161981	17.996	ug/l	99
71) Bromoform	12.21	173	32228	16.757	ug/l #	99
73) Isopropylbenzene	12.33	105	265968	18.219	ug/l	100
74) N-amyl acetate	12.15	43	48025	13.883	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	33709	15.034	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	27271m	14.735	ug/l	
77) Bromobenzene	12.61	156	64995	17.752	ug/l	98
78) n-propylbenzene	12.67	91	304016	17.936	ug/l	98
79) 2-Chlorotoluene	12.76	91	165593	17.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	223635	18.049	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	14676	14.674	ug/l #	77
82) 4-Chlorotoluene	12.86	91	176079	18.368	ug/l	99
83) tert-Butylbenzene	13.08	119	199850	18.574	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	223109	18.768	ug/l	99
85) sec-Butylbenzene	13.26	105	269147	18.681	ug/l	99
86) p-Isopropyltoluene	13.38	119	253611	18.458	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	124219	18.343	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	123505	18.341	ug/l	99
89) n-Butylbenzene	13.70	91	209932	16.563	ug/l	98
90) Hexachloroethane	13.97	117	44794	18.037	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	109921	18.848	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6288	14.126	ug/l	89

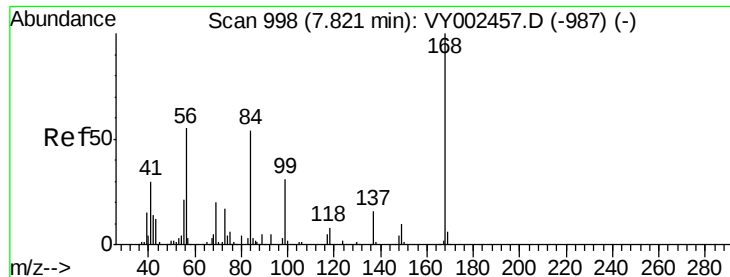
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
Data File : VY002505.D
Acq On : 29 Apr 2020 13:46
Operator : SY/MD
Sample : VY0429SBSD01
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	81636	17.736	ug/l	100
94) Hexachlorobutadiene	15.12	225	50902	18.324	ug/l	98
95) Naphthalene	15.25	128	129827	15.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	67115	17.191	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

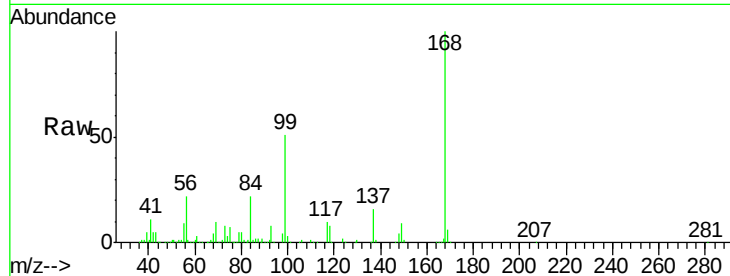
VY0429SBS01

Tot Ion:168 Resp: 330274

Ion Ratio Lower Upper

168 100

99 50.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

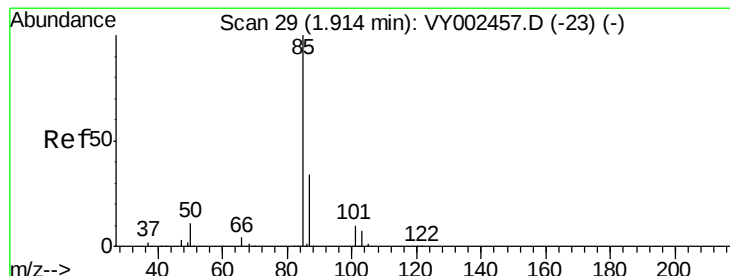
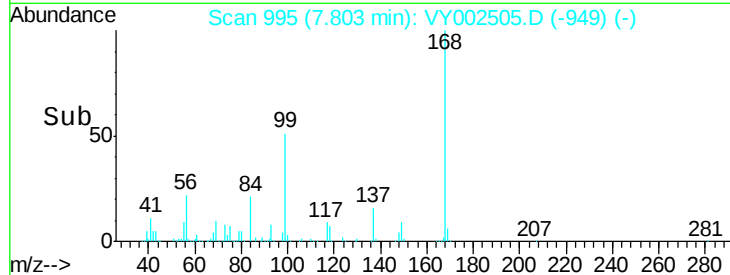
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.472 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002505.D

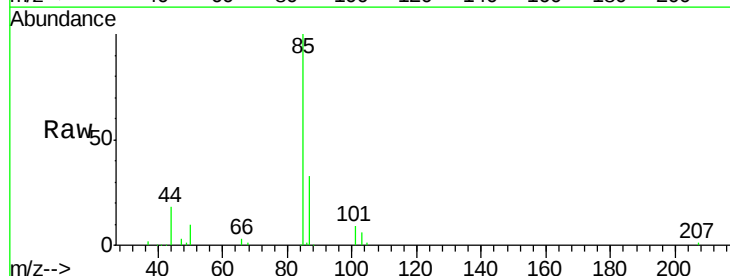
Acq: 29 Apr 2020 13:46

Tgt Ion: 85 Resp: 39842

Ion Ratio Lower Upper

85 100

87 33.1 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

30000

25000

20000

15000

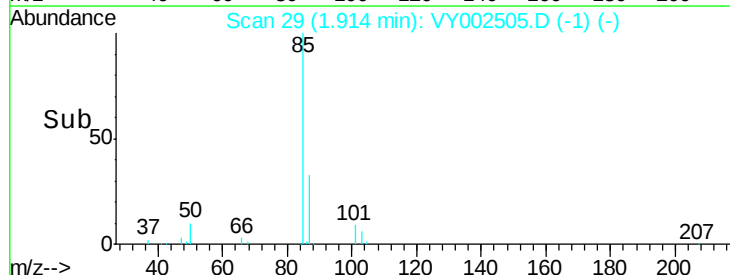
10000

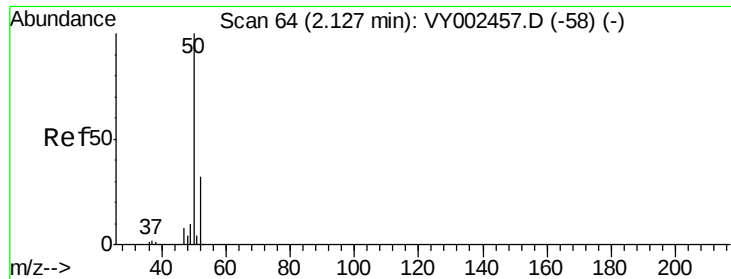
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 15.390 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

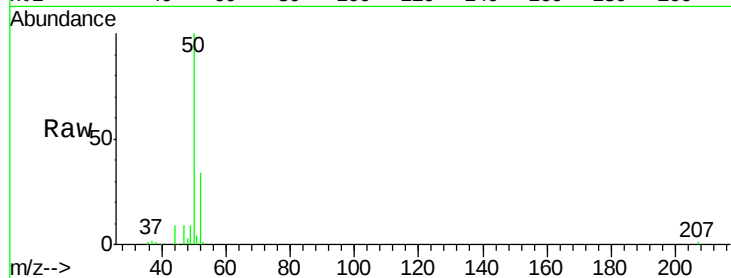
VY0429SBS01

Tot Ion: 50 Resp: 47364

Ion Ratio Lower Upper

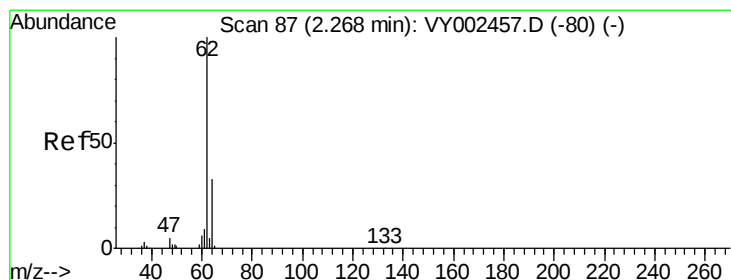
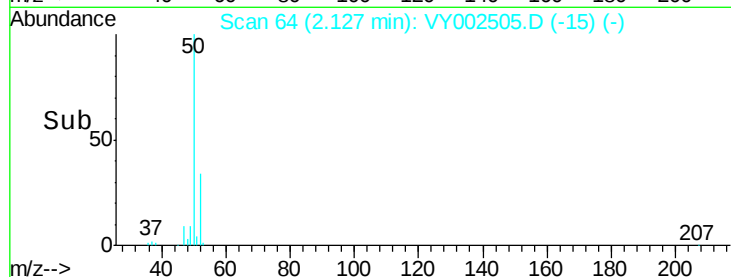
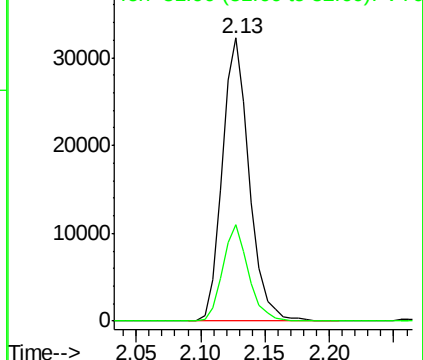
50 100

52 34.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.042 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002505.D

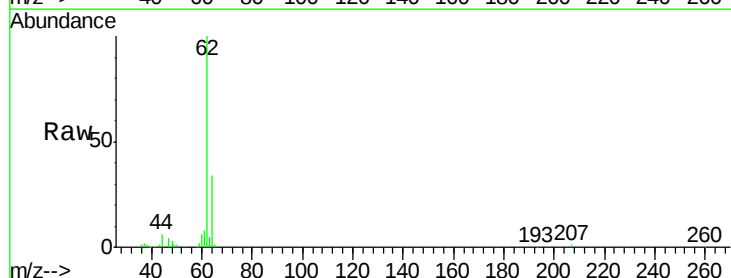
Acq: 29 Apr 2020 13:46

Tgt Ion: 62 Resp: 37676

Ion Ratio Lower Upper

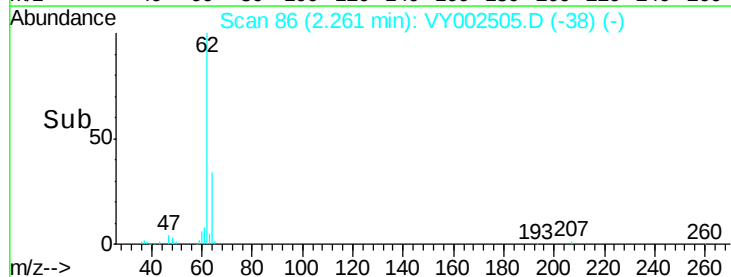
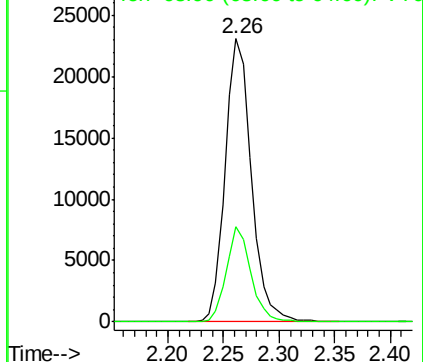
62 100

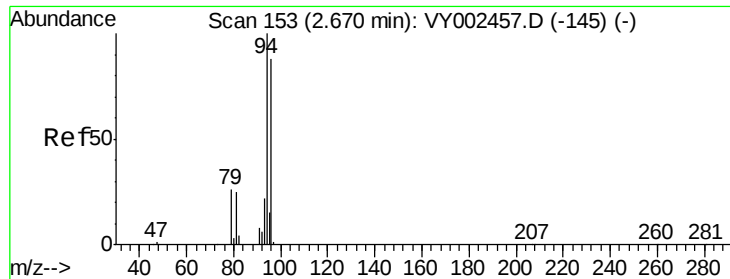
64 33.9 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.124 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

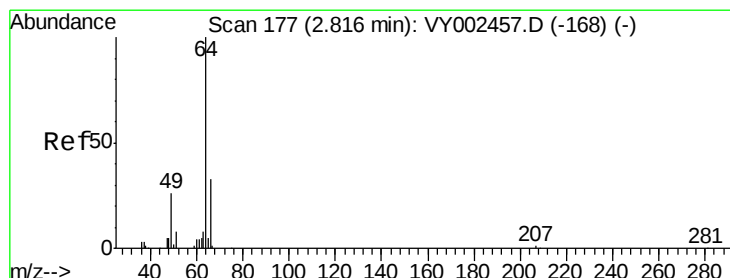
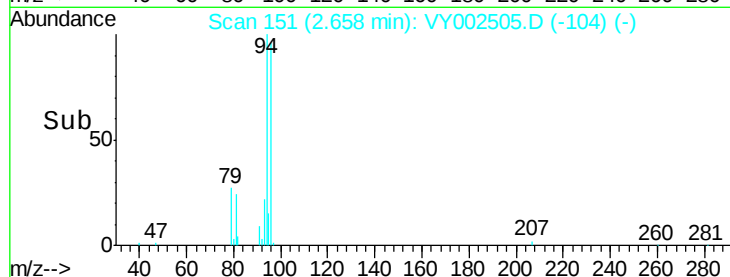
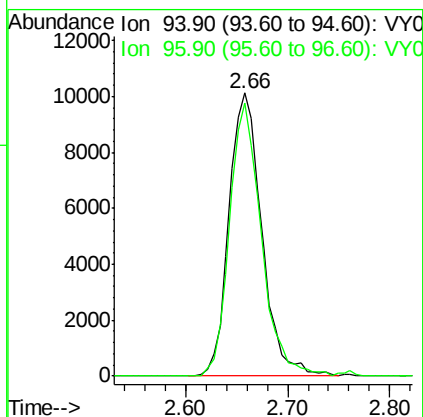
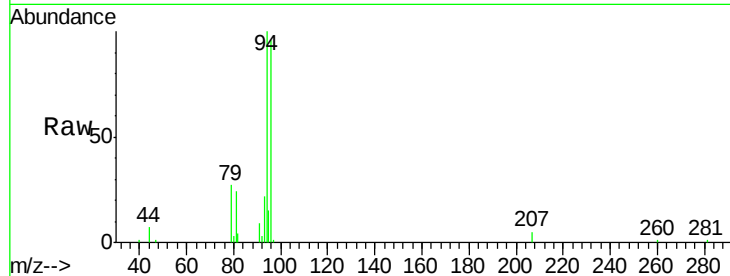
VY0429SBS01

Tot Ion: 94 Resp: 22489

Ion Ratio Lower Upper

94 100

96 96.3 70.2 105.4



#6

Chloroethane

Concen: 17.672 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002505.D

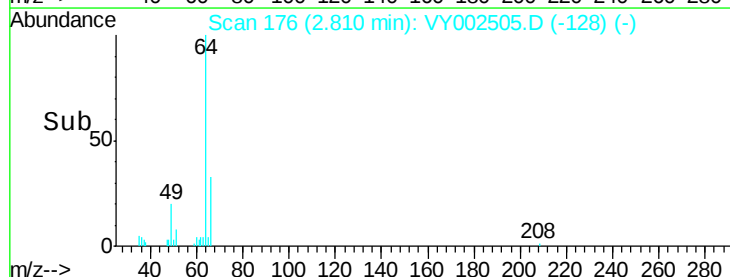
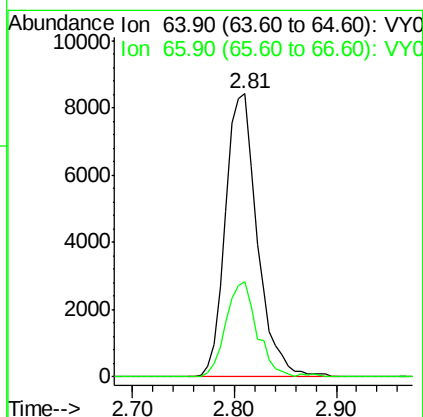
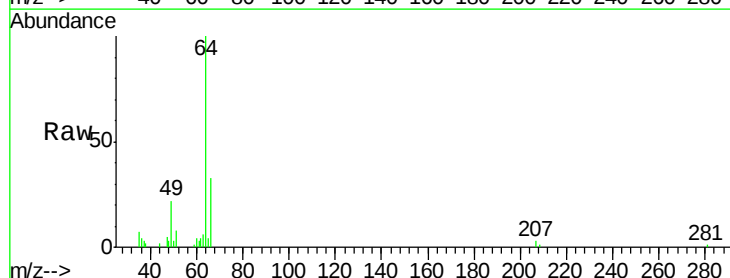
Acq: 29 Apr 2020 13:46

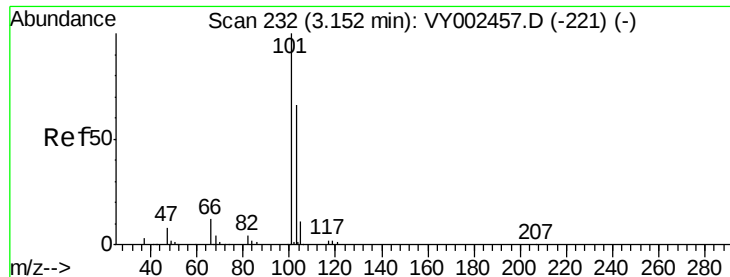
Tgt Ion: 64 Resp: 18258

Ion Ratio Lower Upper

64 100

66 33.5 26.6 40.0



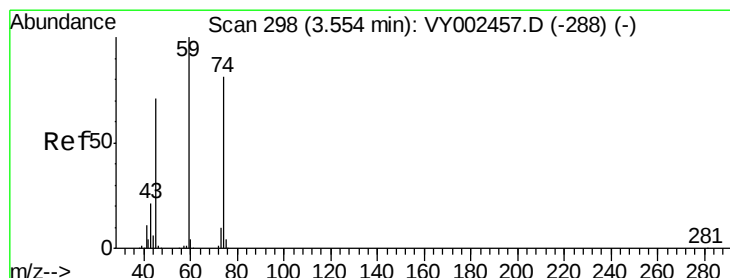
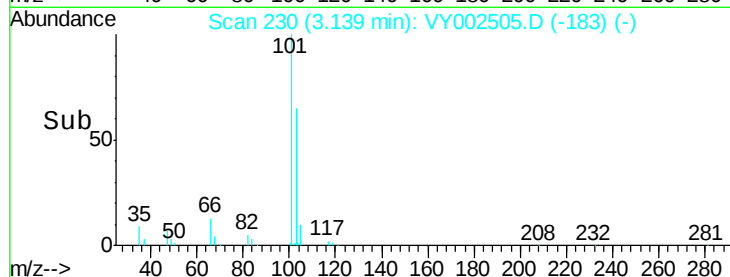
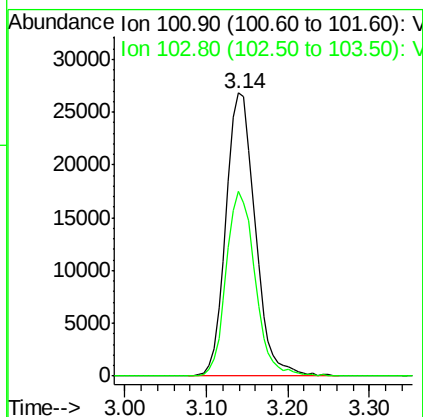
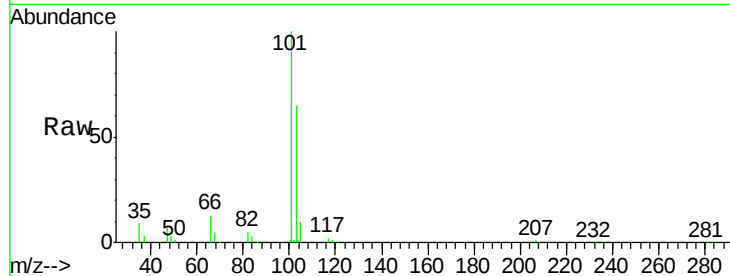


#7

Trichlorofluoromethane
 Concen: 16.569 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

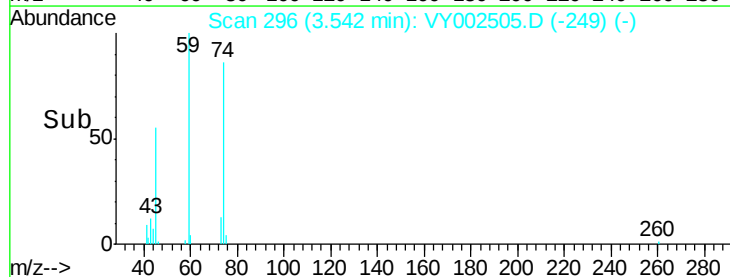
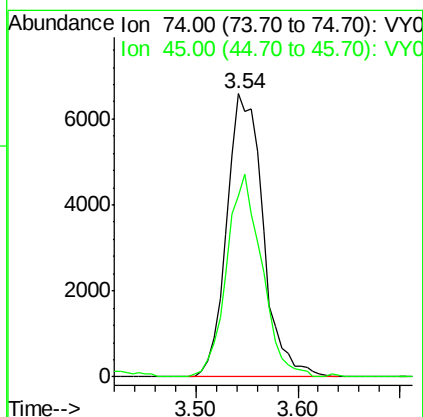
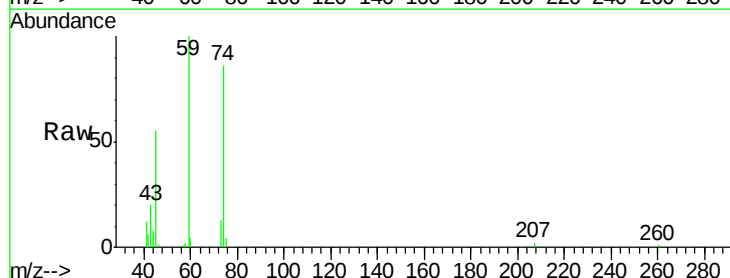
Tot Ion:101 Resp: 66421
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.5 78.7

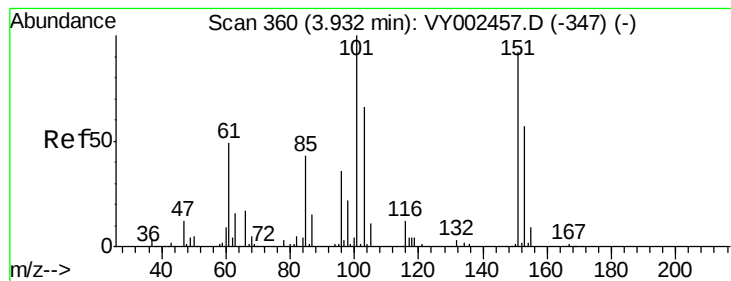


#8

Diethyl Ether
 Concen: 9.826 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion: 74 Resp: 16237
 Ion Ratio Lower Upper
 74 100
 45 69.3 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.311 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

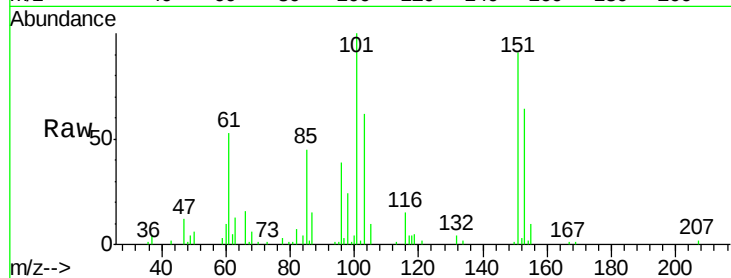
Tot Ion:101 Resp: 33972

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

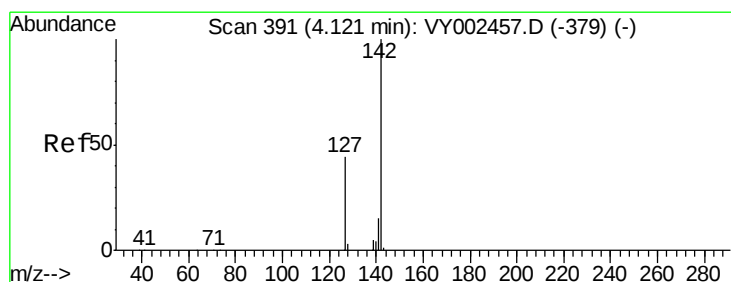
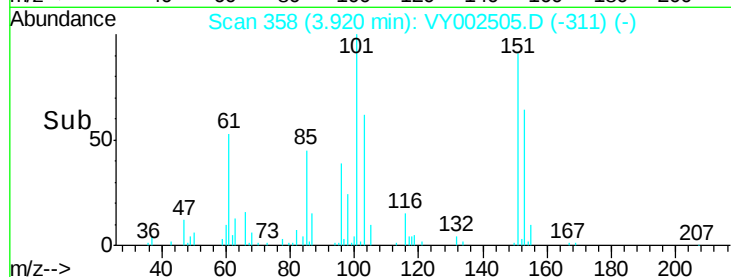
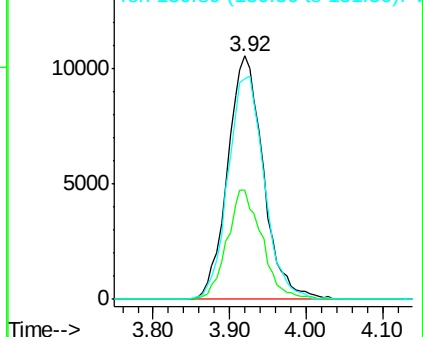
151 93.1 70.3 105.5



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: 15.901 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

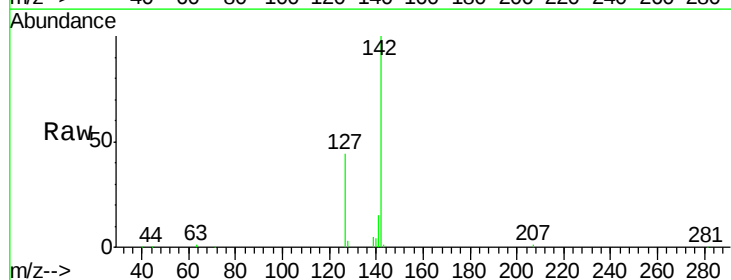
Tgt Ion:142 Resp: 67690

Ion Ratio Lower Upper

142 100

127 46.0 35.8 53.8

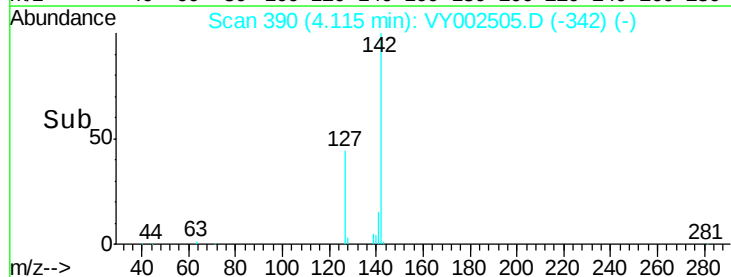
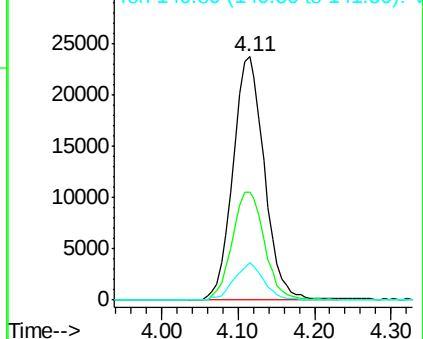
141 14.6 11.6 17.4

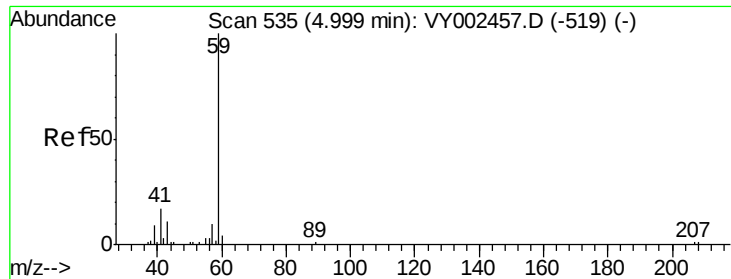


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

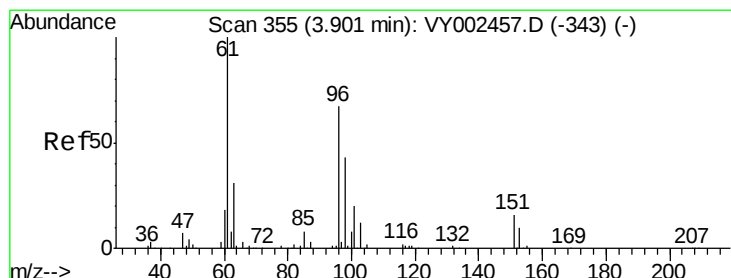
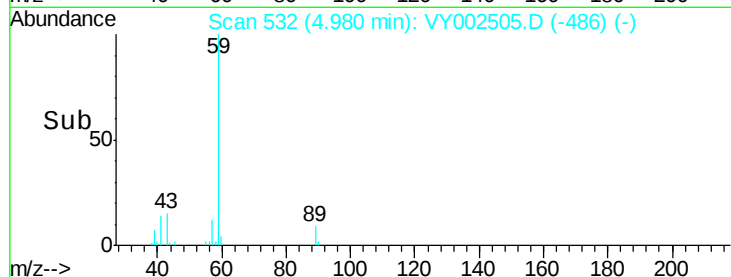
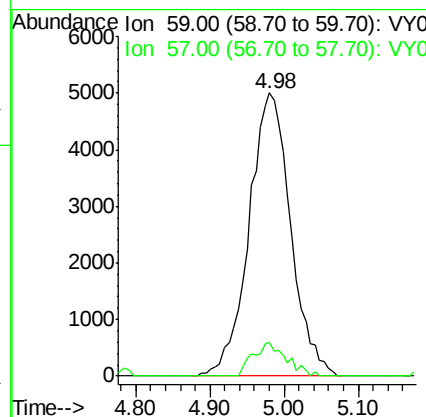
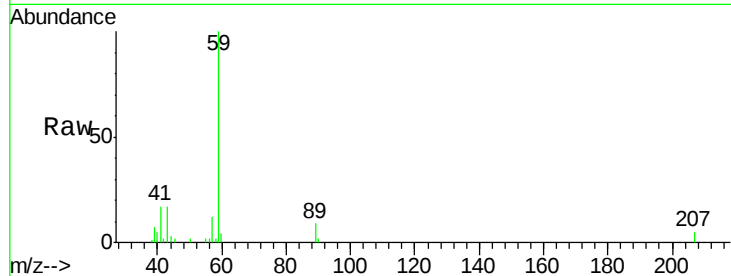




#11
Tert butyl alcohol
Concen: 72.121 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

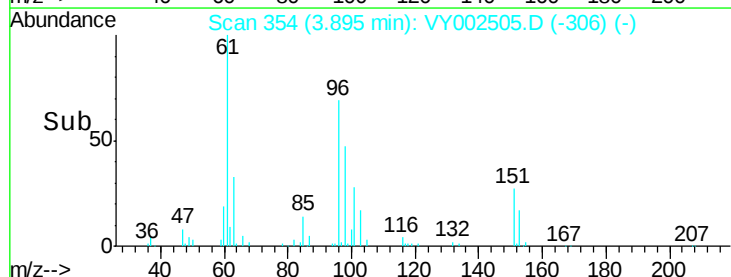
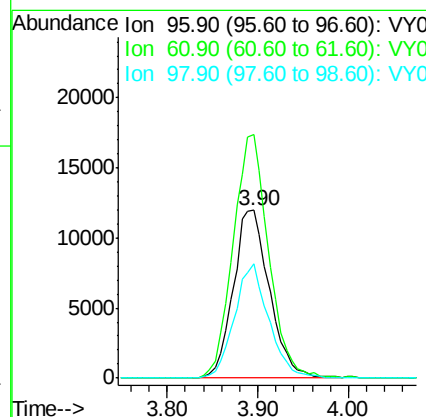
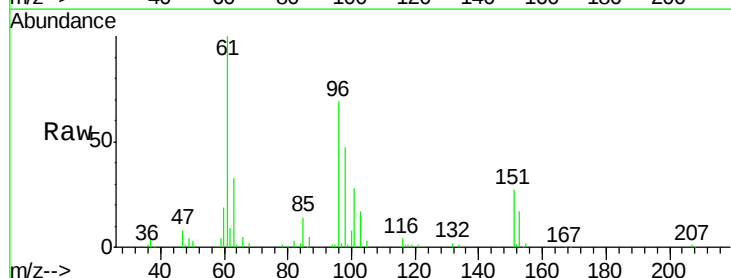
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

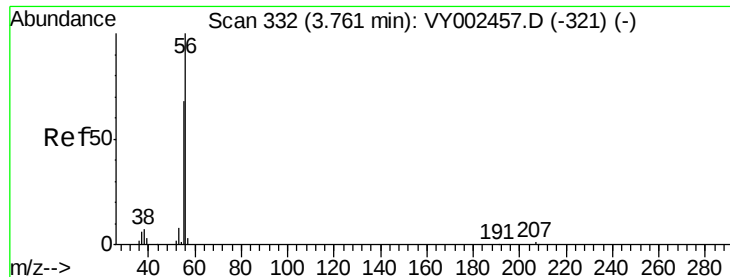
Tot Ion: 59 Resp: 19595
Ion Ratio Lower Upper
59 100
57 9.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 11.743 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 96 Resp: 33201
Ion Ratio Lower Upper
96 100
61 145.2 119.0 178.6
98 67.8 51.4 77.2





#13

Acrolein

Concen: 38.116 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

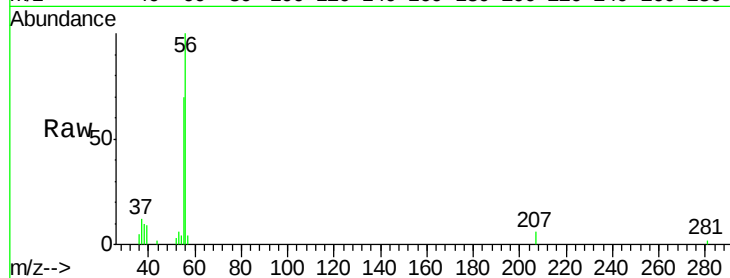
VY0429SBS01

Tot Ion: 56 Resp: 8290

Ion Ratio Lower Upper

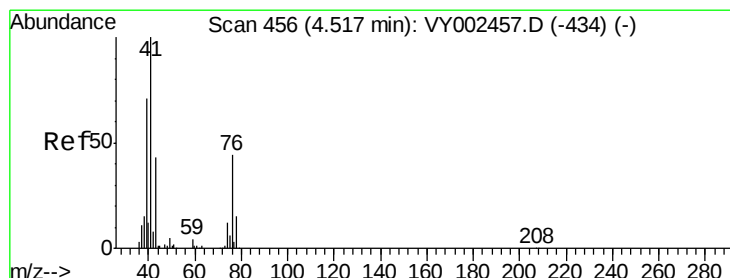
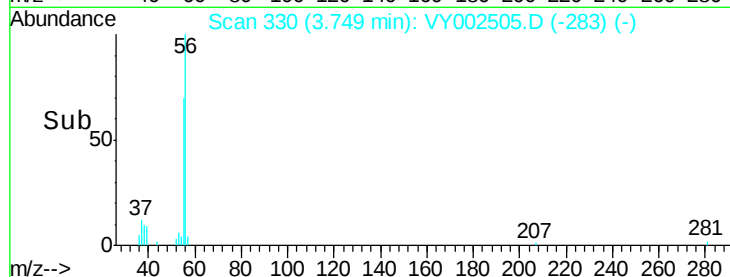
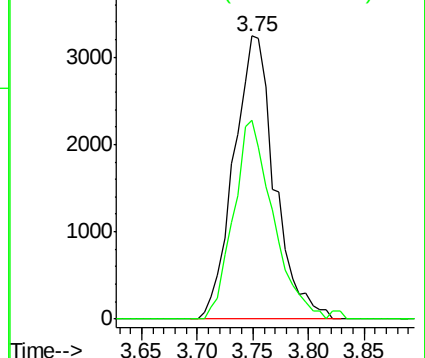
56 100

55 67.6 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 15.750 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

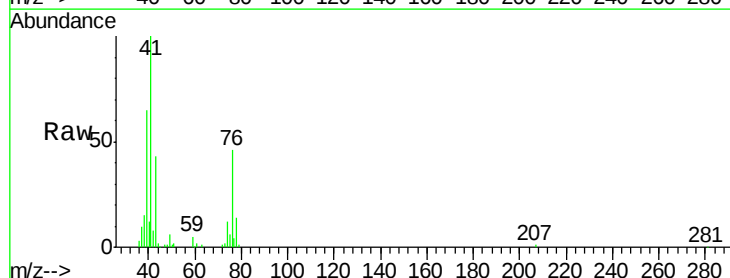
Tgt Ion: 41 Resp: 65439

Ion Ratio Lower Upper

41 100

39 69.2 55.1 82.7

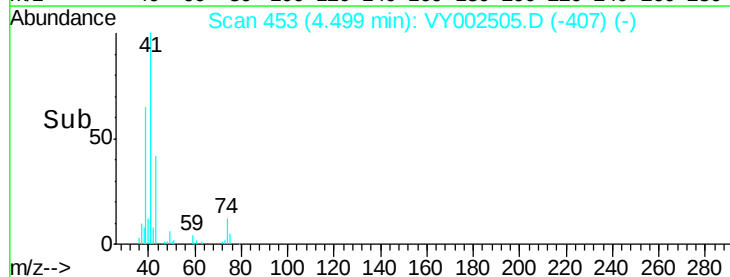
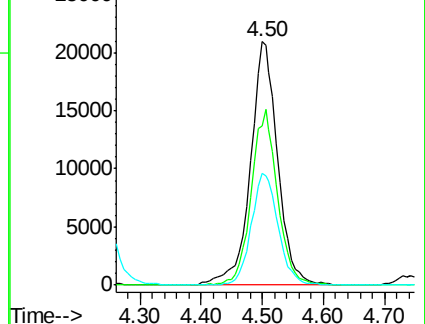
76 45.1 34.3 51.5

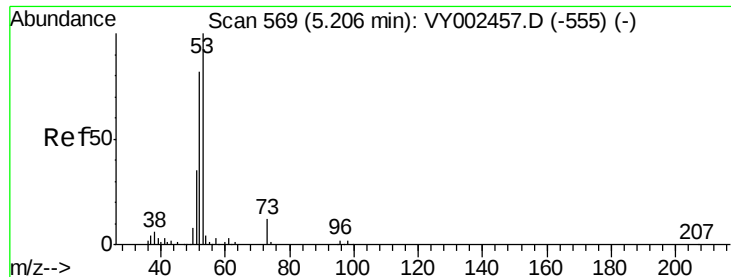


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 69.396 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

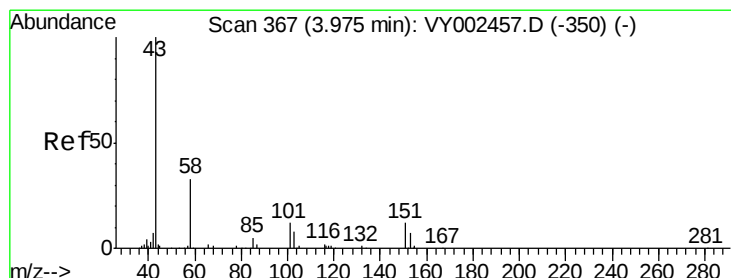
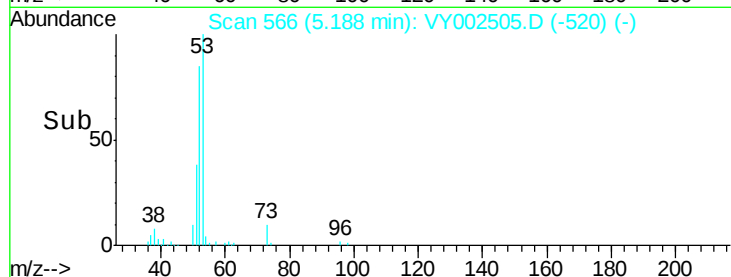
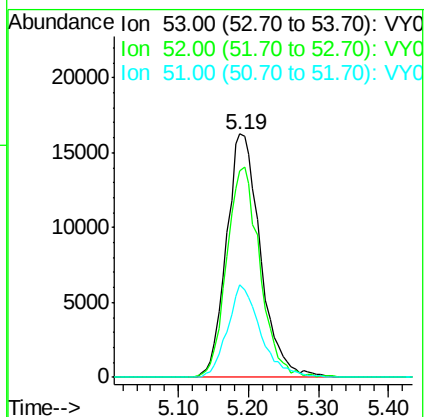
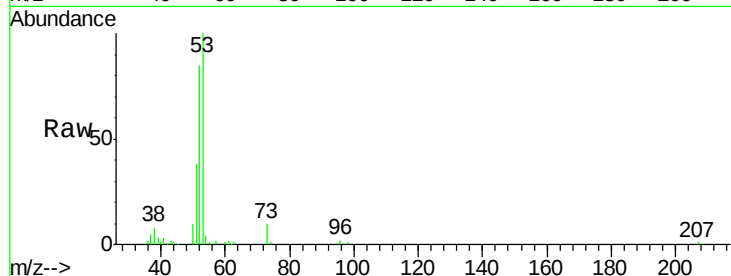
Tot Ion: 53 Resp: 54866

Ion Ratio Lower Upper

53 100

52 83.9 65.4 98.2

51 37.1 28.3 42.5



#16

Acetone

Concen: 51.733 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002505.D

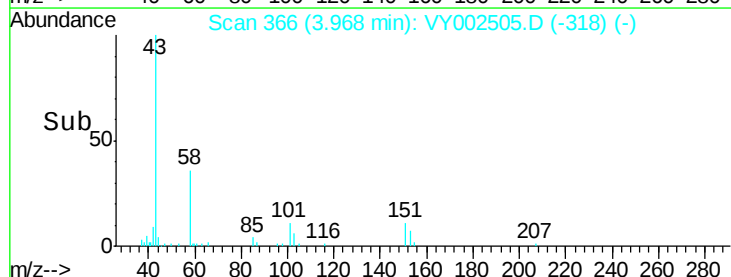
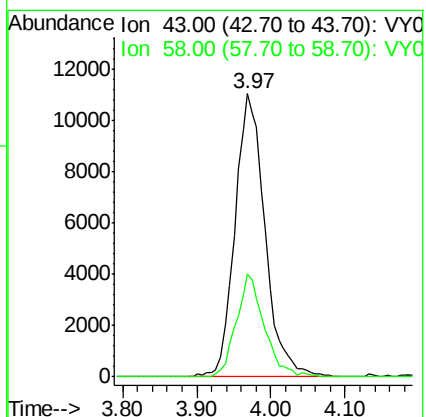
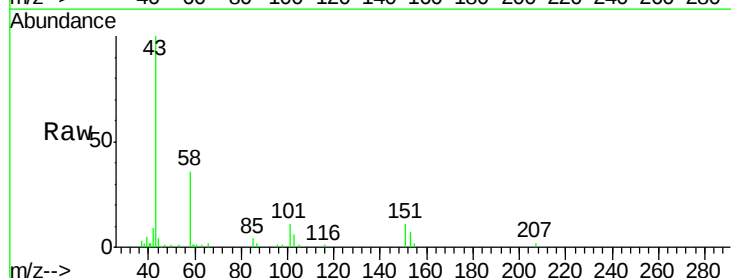
Acq: 29 Apr 2020 13:46

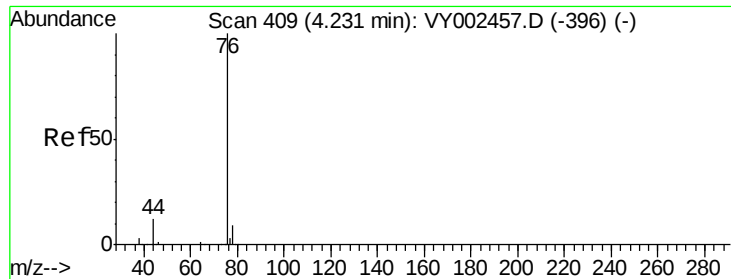
Tgt Ion: 43 Resp: 31209

Ion Ratio Lower Upper

43 100

58 36.3 26.4 39.6

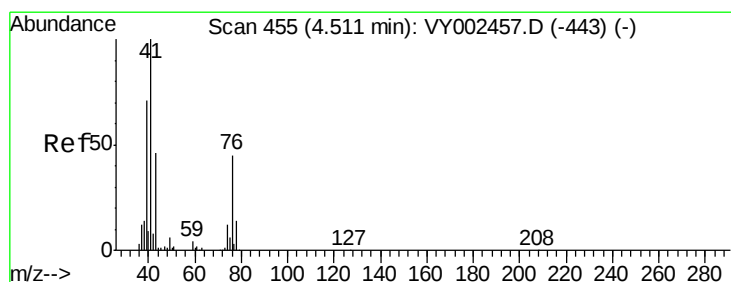
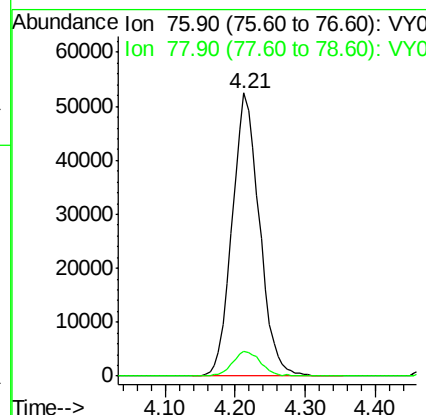
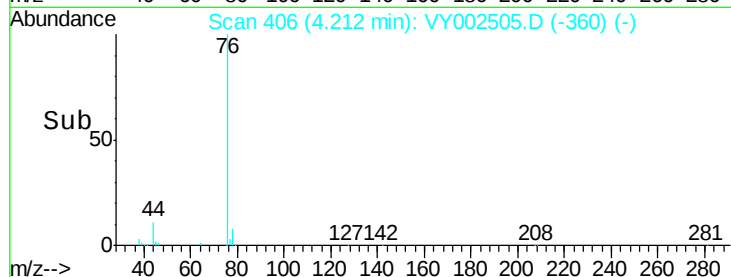
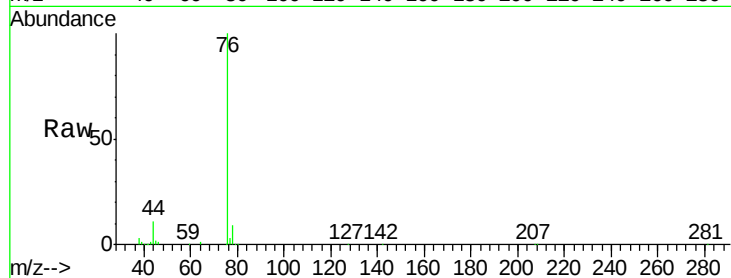




#17
Carbon Disulfide
Concen: 16.120 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

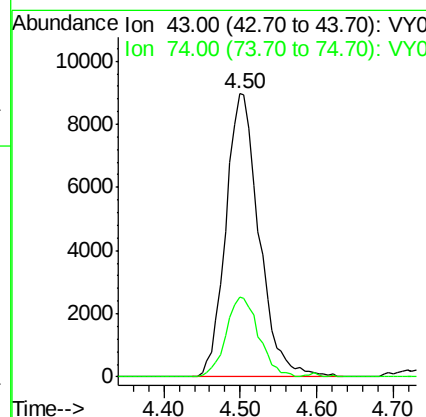
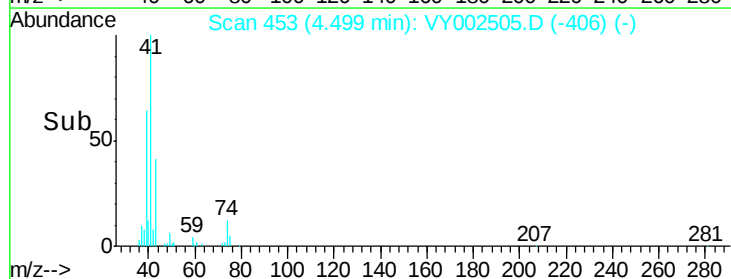
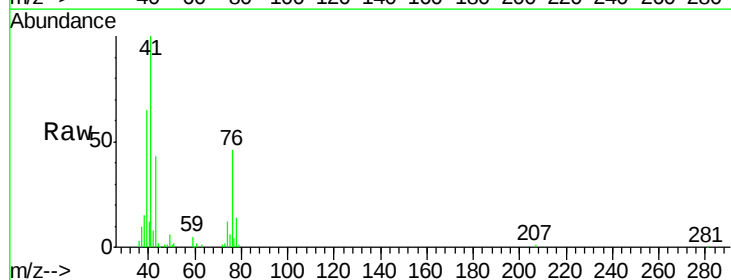
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

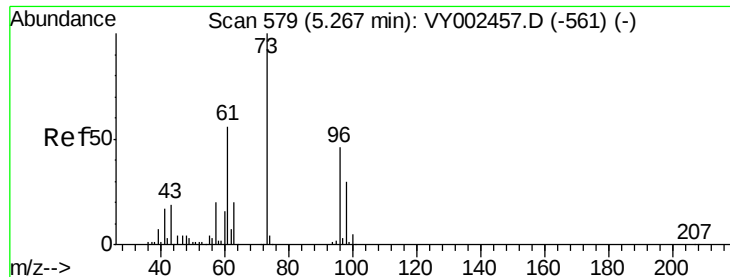
Tot Ion: 76 Resp: 142110
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 13.912 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 43 Resp: 27006
Ion Ratio Lower Upper
43 100
74 27.7 22.0 33.0

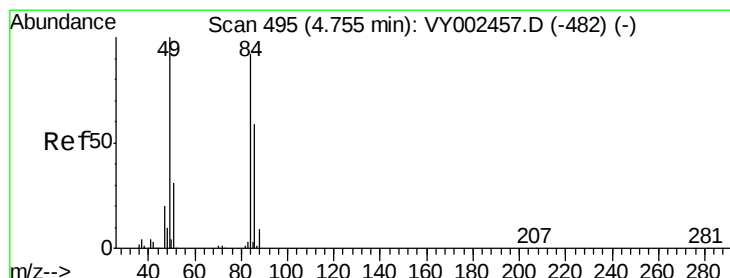
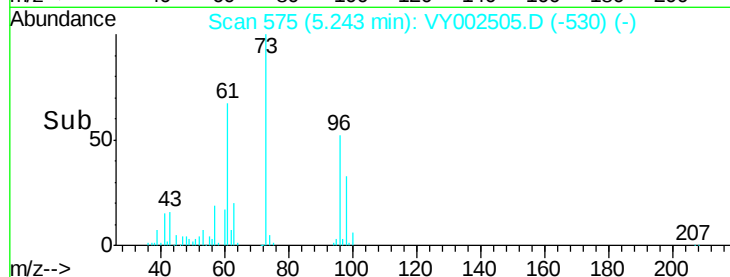
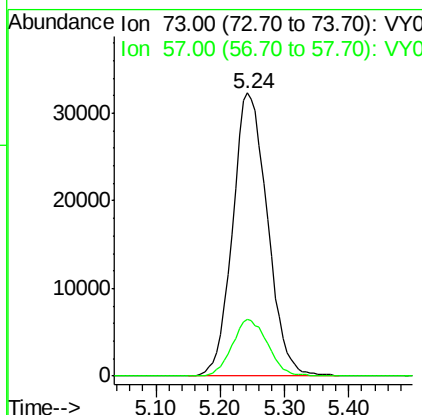
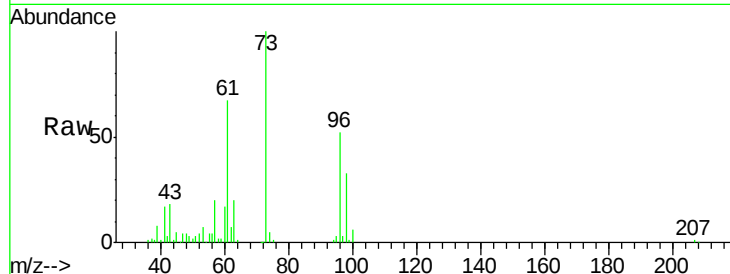




#19
Methvl tert-butvl Ether
Concen: 15.839 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

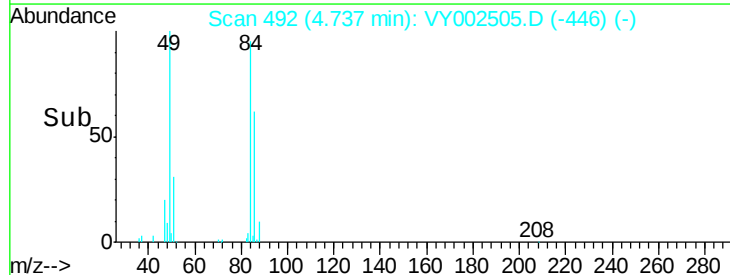
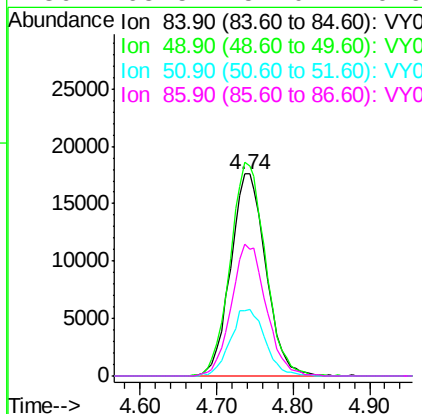
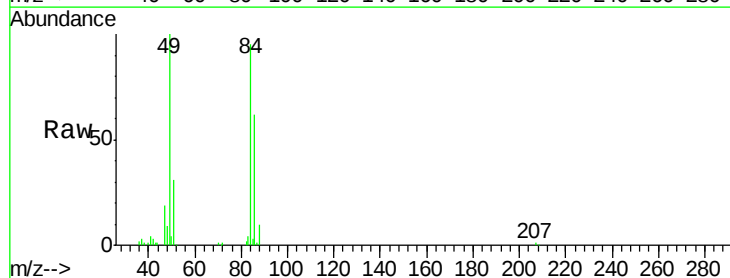
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

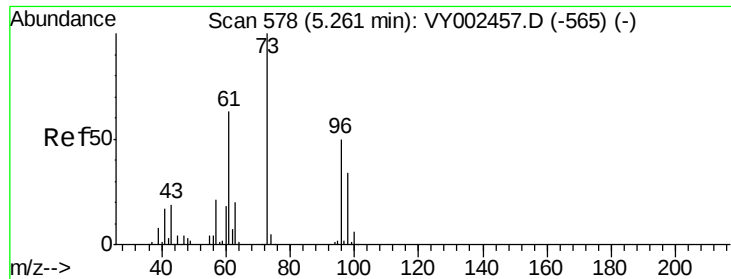
Tot Ion: 73 Resp: 120840
Ion Ratio Lower Upper
73 100
57 19.9 16.0 24.0



#20
Methylene Chloride
Concen: 16.269 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 84 Resp: 56035
Ion Ratio Lower Upper
84 100
49 105.7 86.9 130.3
51 32.3 27.3 40.9
86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 16.686 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

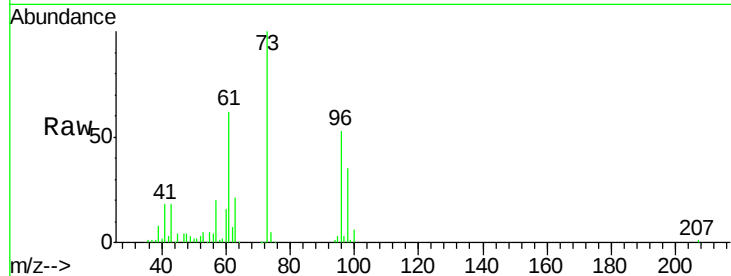
Tot Ion: 96 Resp: 53115

Ion Ratio Lower Upper

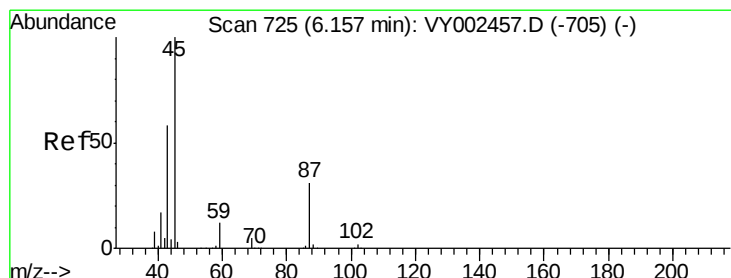
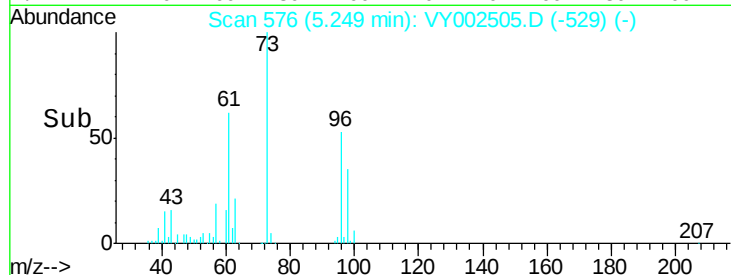
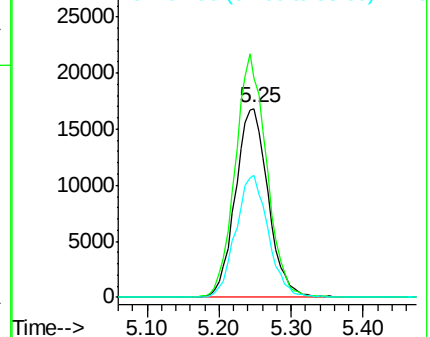
96 100

61 115.8 101.4 152.0

98 64.8 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: 15.914 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Tgt Ion: 45 Resp: 130738

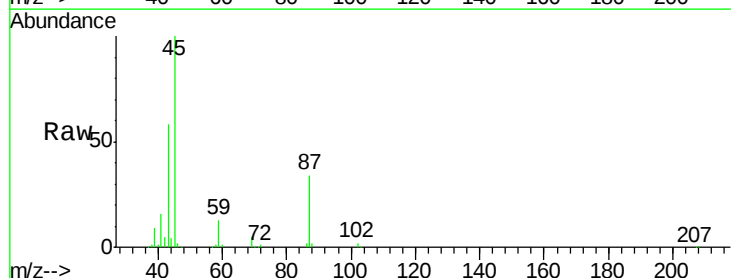
Ion Ratio Lower Upper

45 100

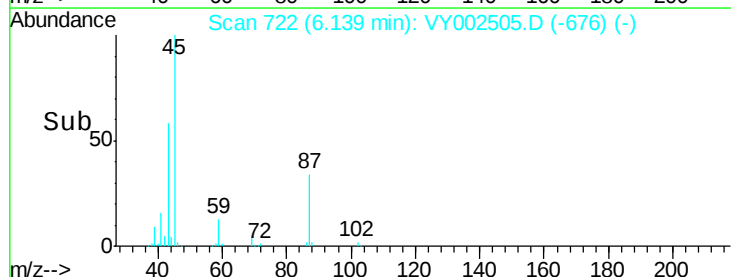
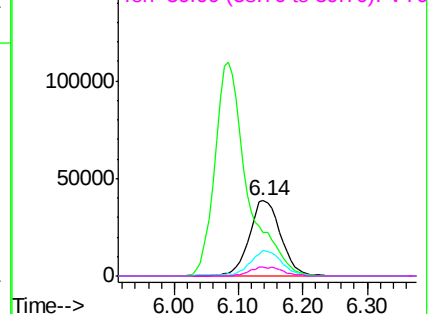
43 57.9 47.1 70.7

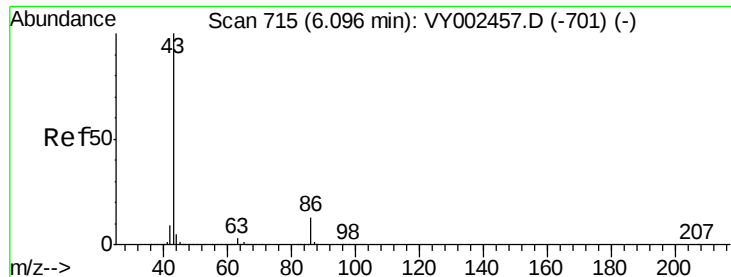
87 33.7 25.0 37.6

59 12.7 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: 73.735 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

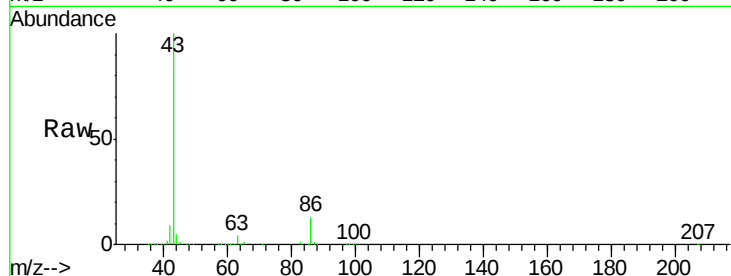
VY0429SBS01

Tot Ion: 43 Resp: 384912

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

120000

100000

80000

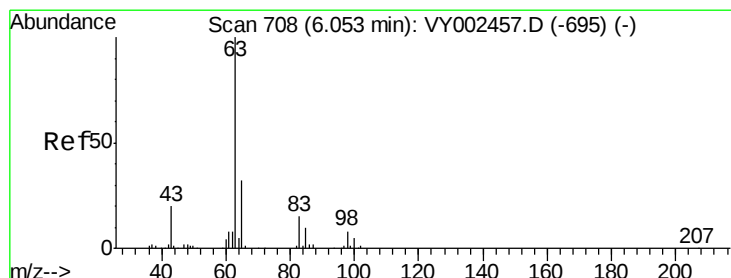
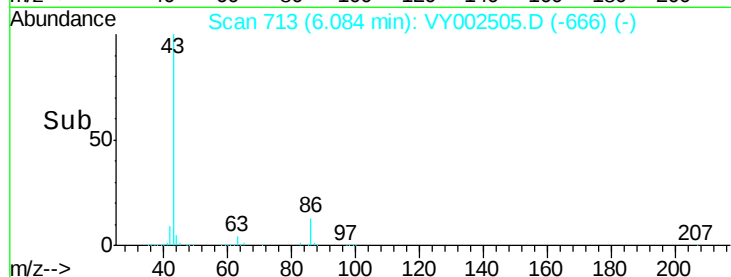
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 16.279 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

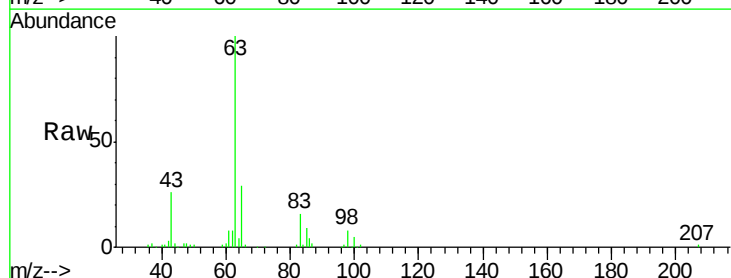
Tgt Ion: 63 Resp: 80970

Ion Ratio Lower Upper

63 100

98 7.8 4.1 12.3

100 5.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

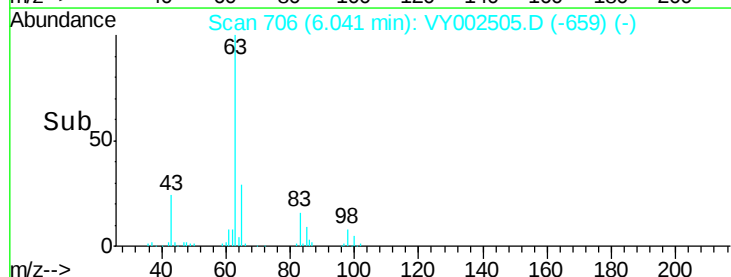
30000

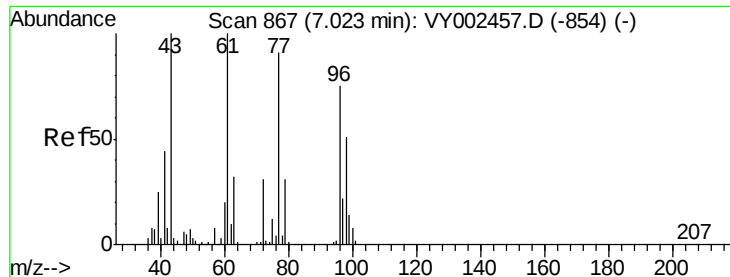
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 68.256 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

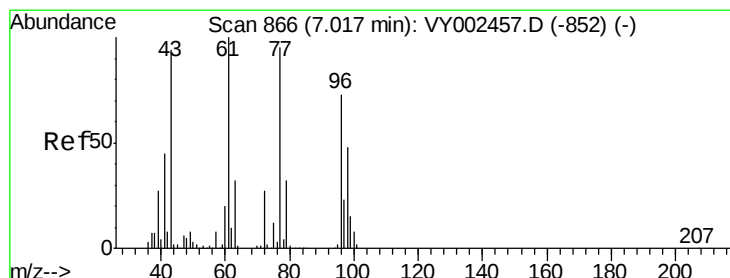
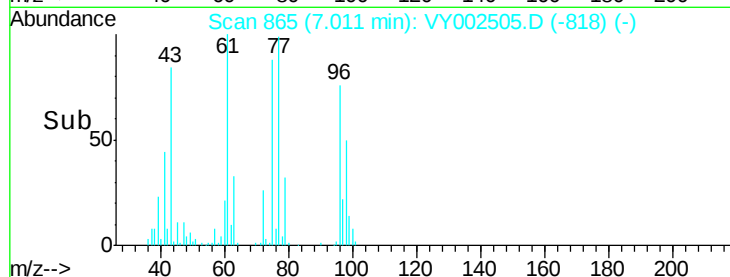
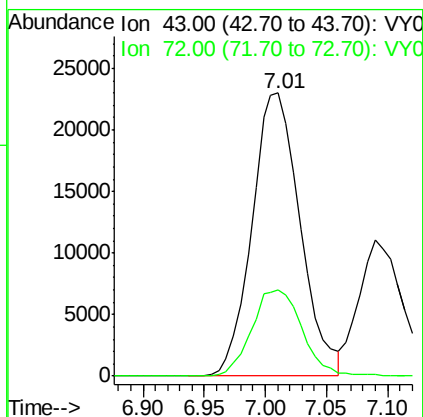
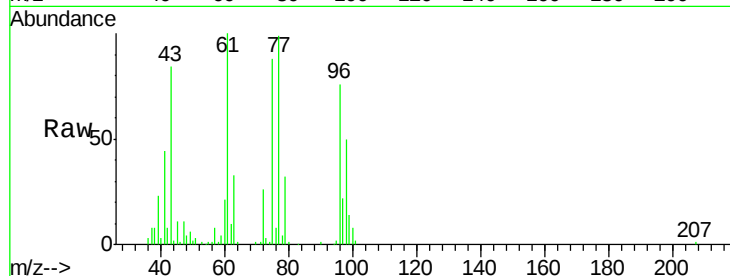
VY0429SBS01

Tot Ion: 43 Resp: 63084

Ion Ratio Lower Upper

43 100

72 30.7 24.8 37.2



#26

2,2-Dichloropropane

Concen: 18.199 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002505.D

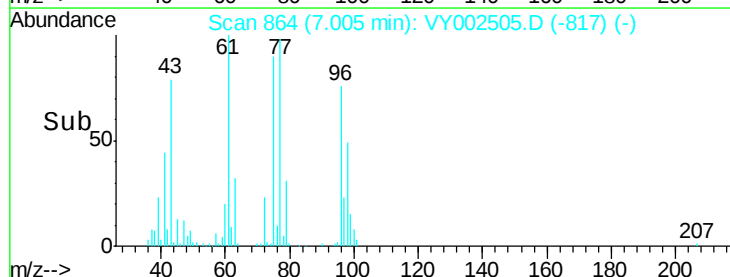
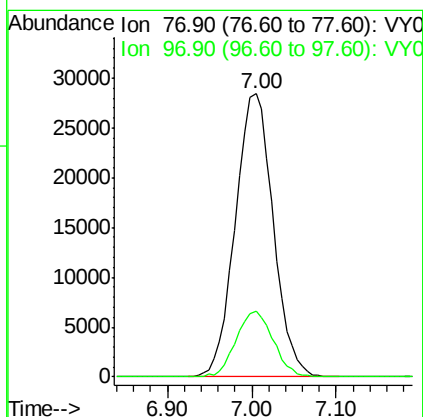
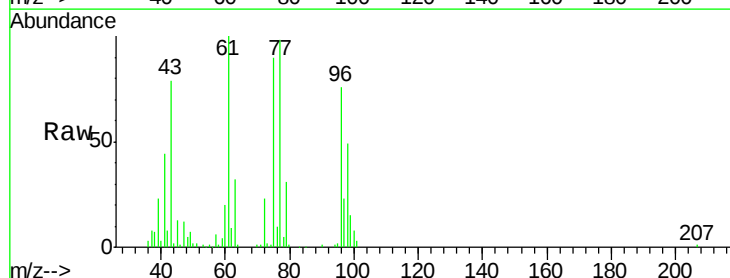
Acq: 29 Apr 2020 13:46

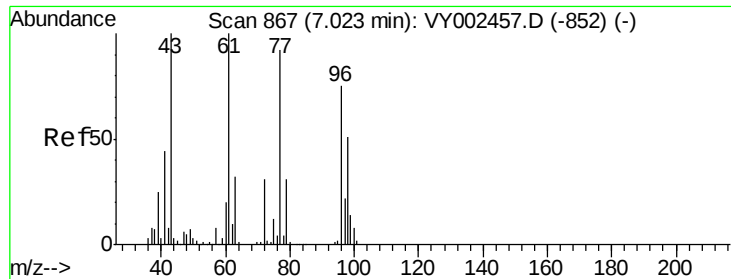
Tgt Ion: 77 Resp: 86569

Ion Ratio Lower Upper

77 100

97 22.7 12.0 36.0



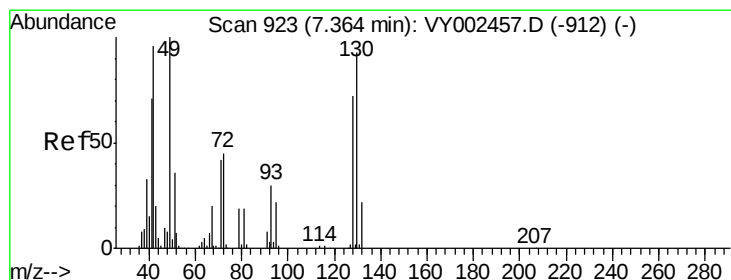
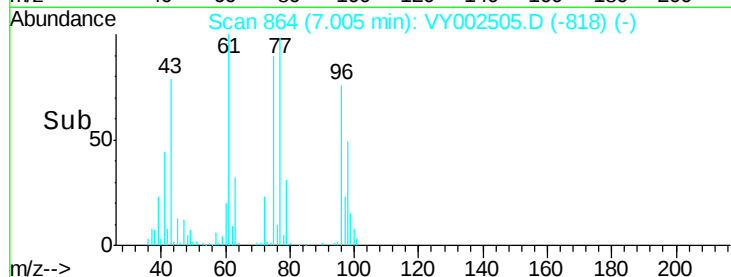
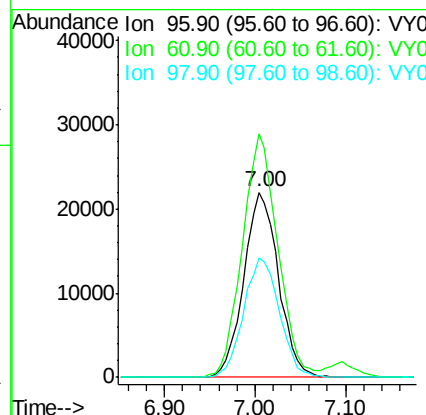
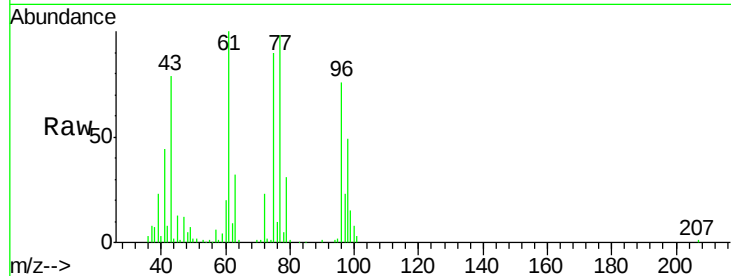


#27

cis-1,2-Dichloroethene
 Concen: 16.801 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

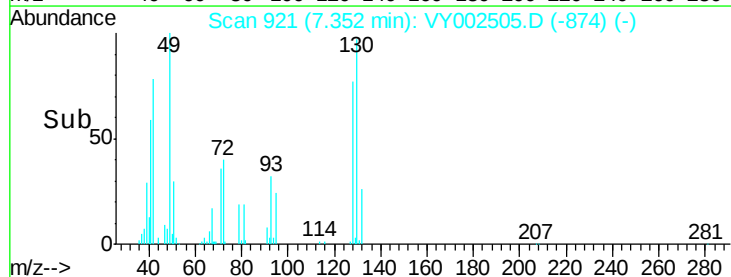
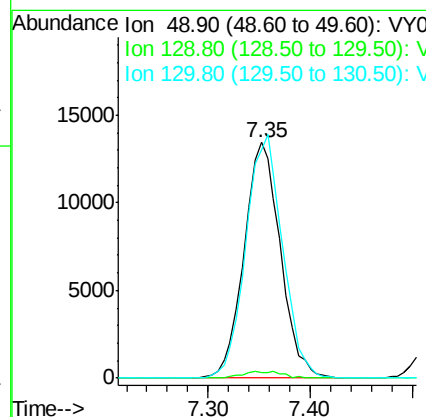
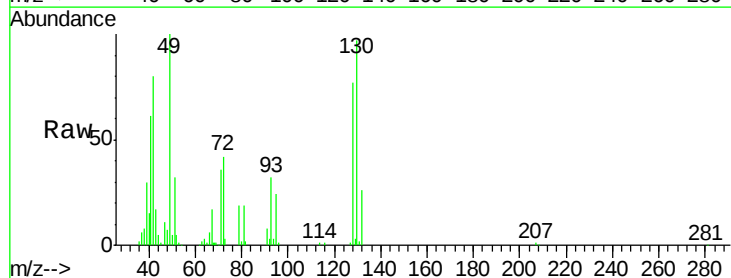
Tot Ion: 96 Resp: 58167
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 262.6
 98 66.5 0.0 131.0

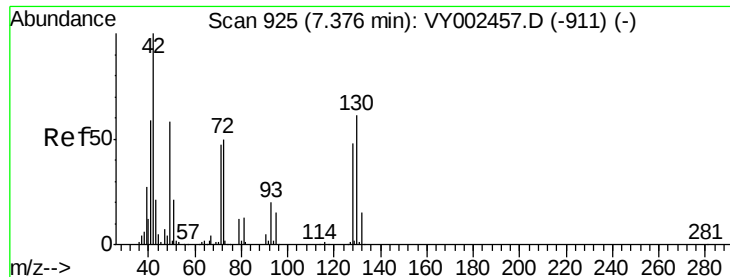


#28

Bromochloromethane
 Concen: 17.144 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion: 49 Resp: 33267
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.6
 130 104.2 76.3 114.5

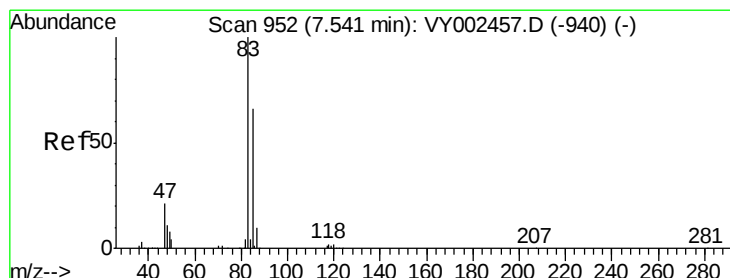
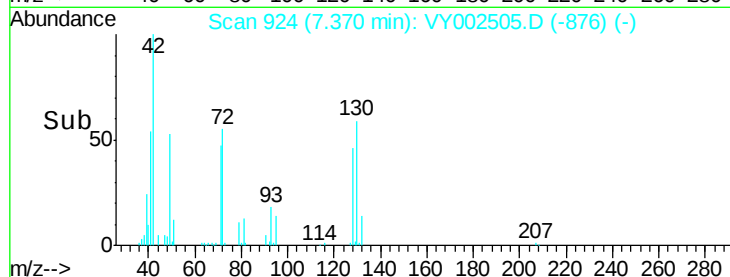
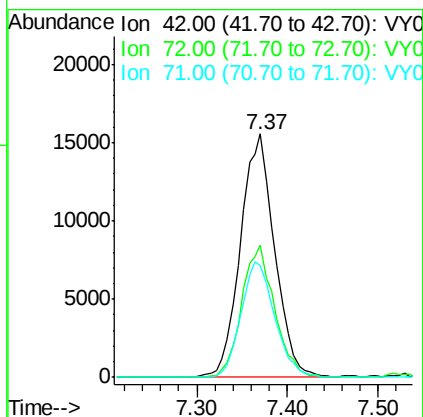
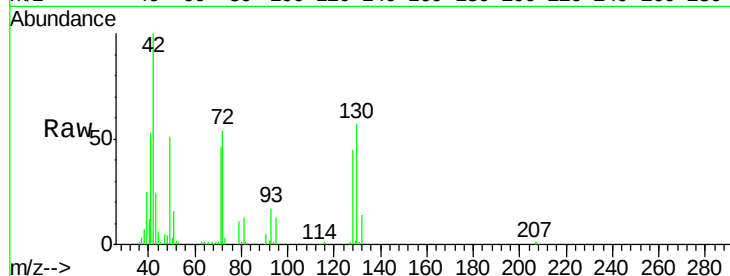




#29
Tetrahydrofuran
Concen: 66.098 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

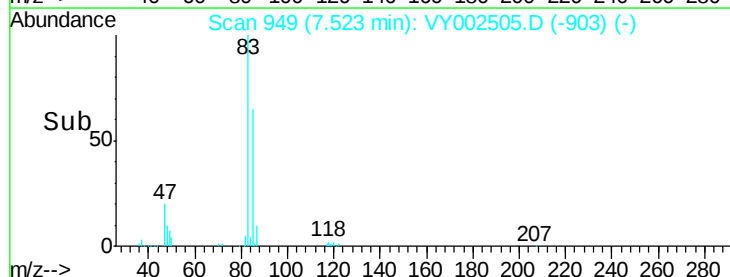
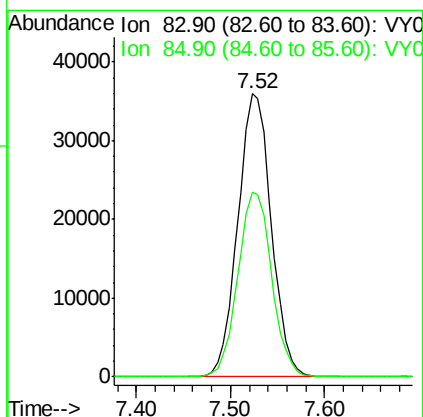
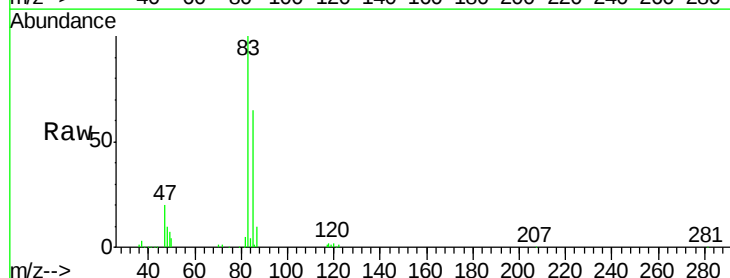
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

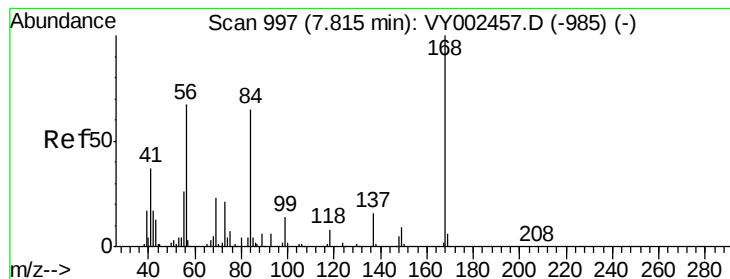
Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	39.5	59.3
71	46.8	37.6	56.4



#30
Chloroform
Concen: 16.874 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.4	78.6





#31

Cyclohexane

Concen: 16.295 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

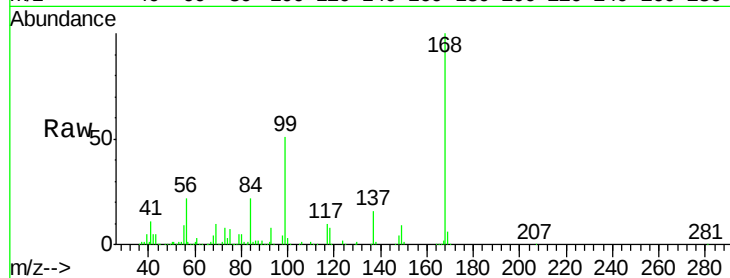
Tot Ion: 56 Resp: 81044

Ion Ratio Lower Upper

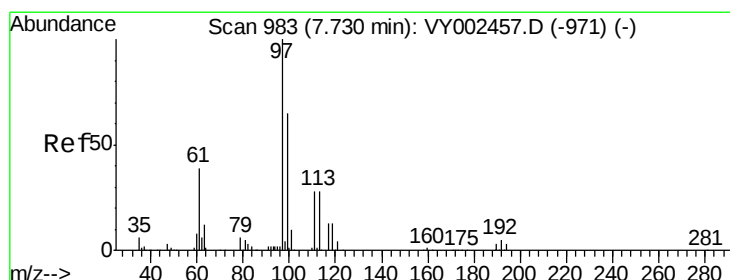
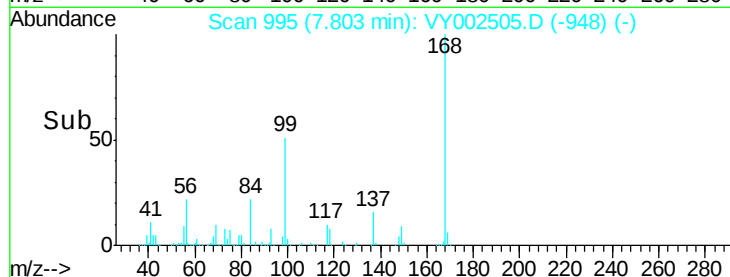
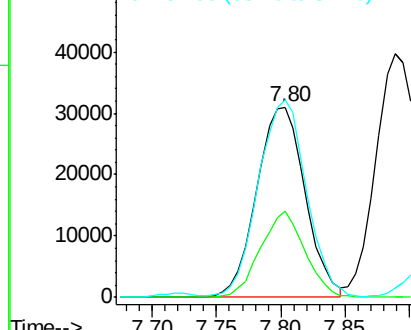
56 100

69 45.0 27.0 40.6#

84 102.2 77.4 116.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 17.803 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

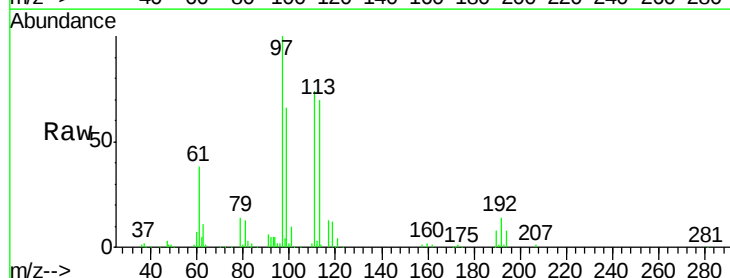
Tgt Ion: 97 Resp: 89088

Ion Ratio Lower Upper

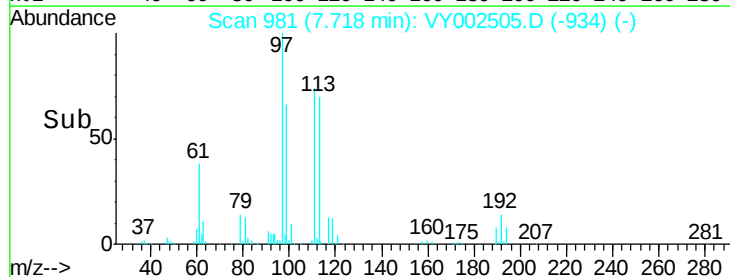
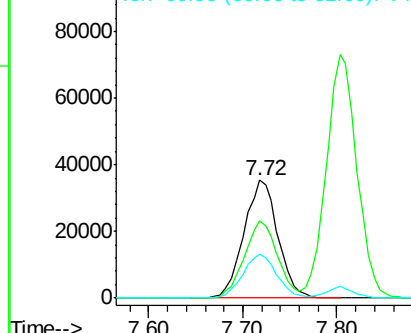
97 100

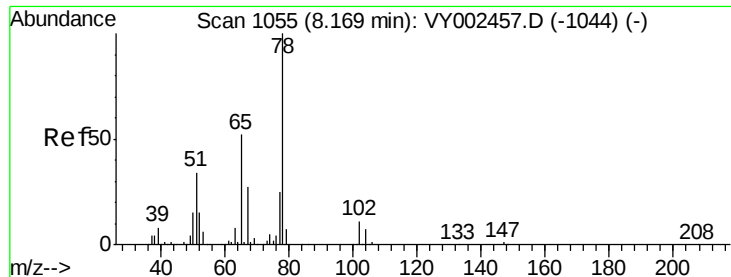
99 64.4 51.6 77.4

61 37.5 30.6 45.8



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

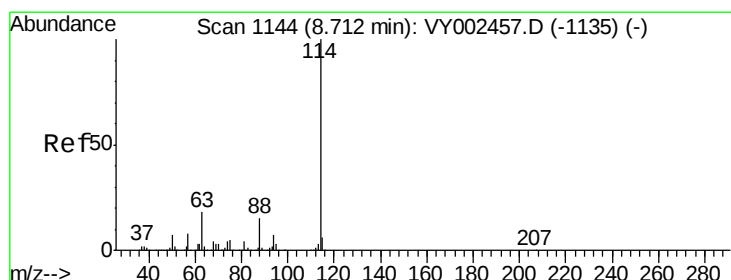
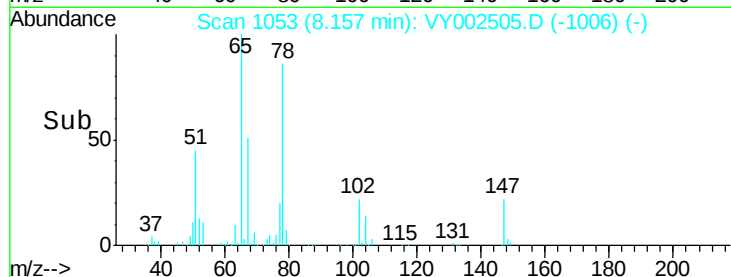
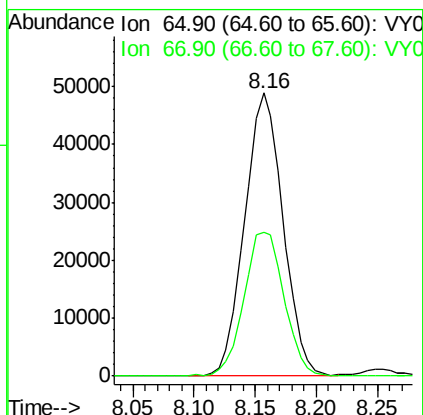
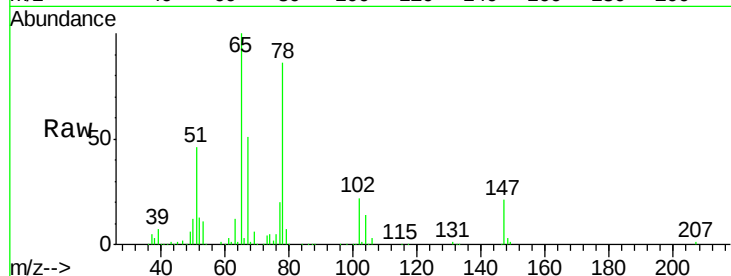




#33
 1,2-Dichloroethane-d4
 Concen: 37.090 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

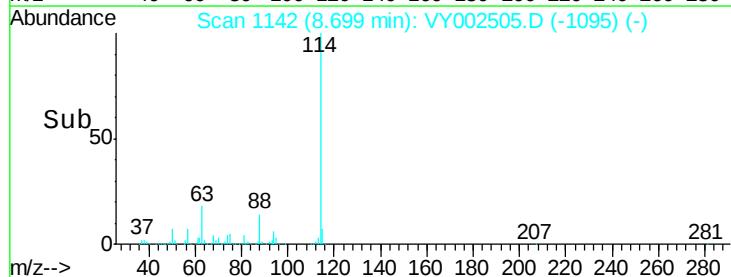
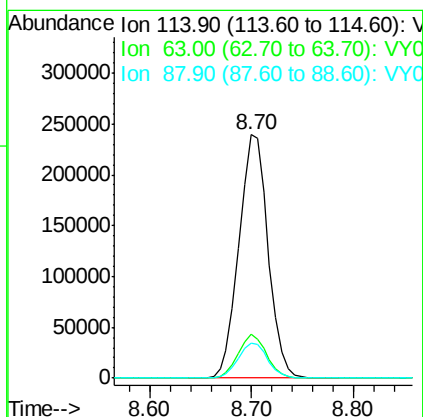
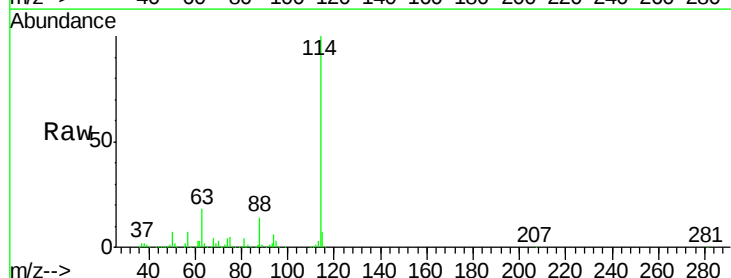
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

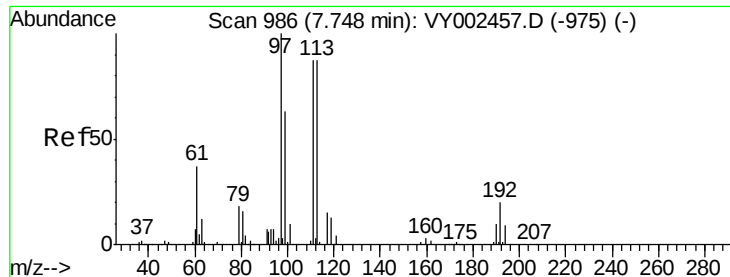
Tot Ion: 65 Resp: 107067
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion: 114 Resp: 473230
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.3 0.0 29.4

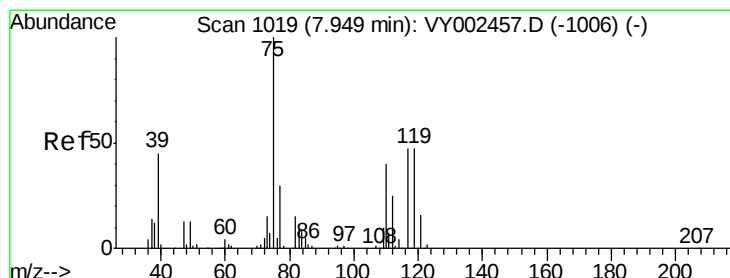
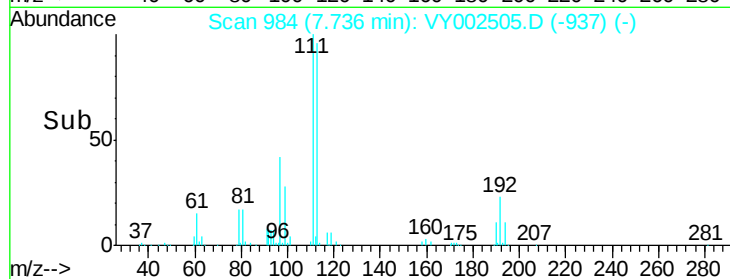
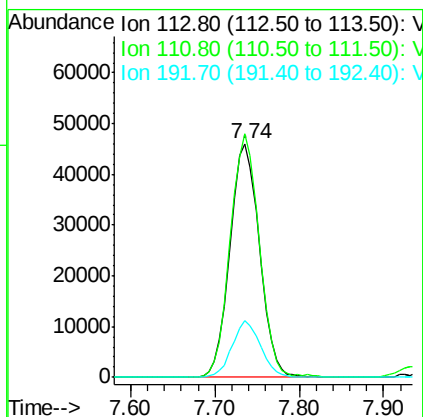
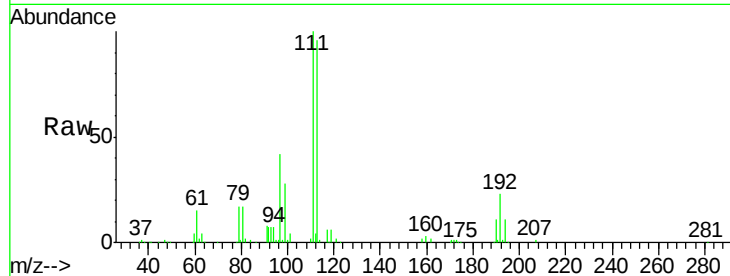




#35
 Dibromofluoromethane
 Concen: 40.991 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

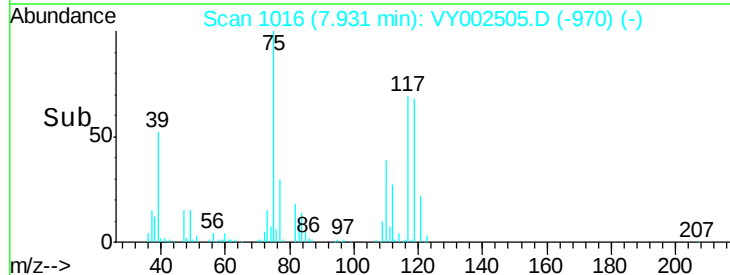
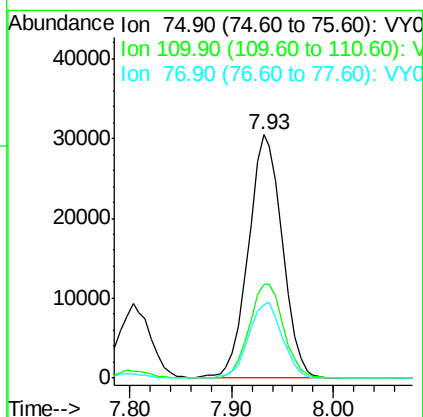
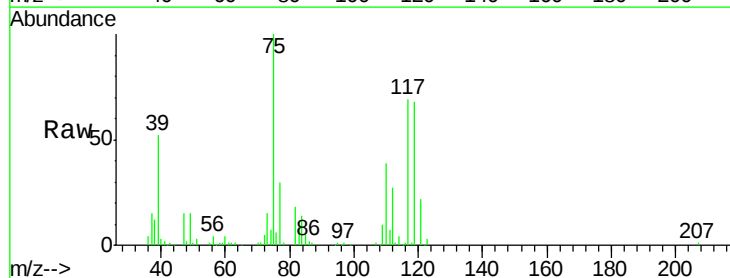
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

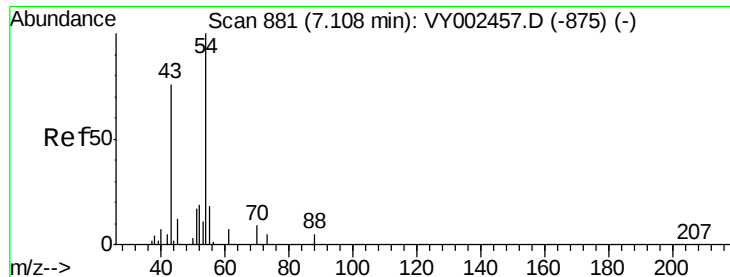
Tot Ion:113 Resp: 109416
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.4
 192 23.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 17.405 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion: 75 Resp: 70624
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.4 58.4
 77 30.9 24.7 37.1

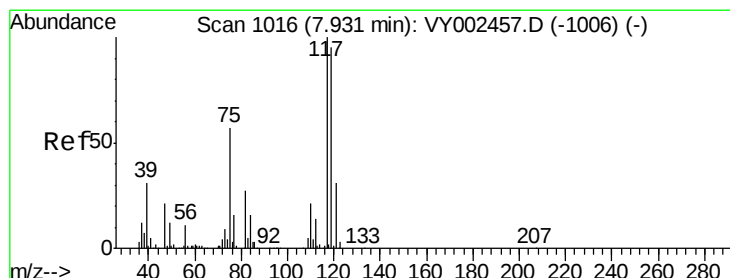
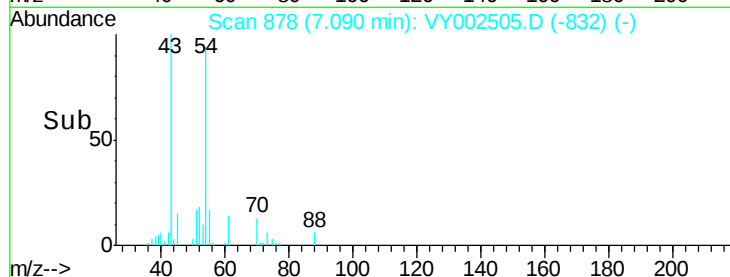
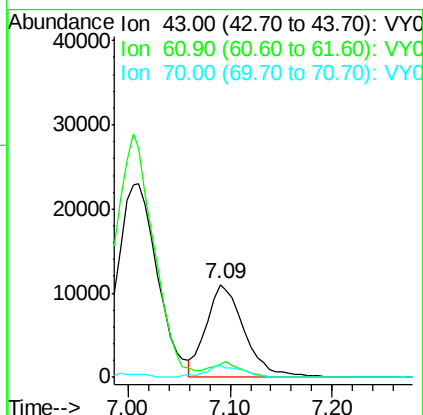
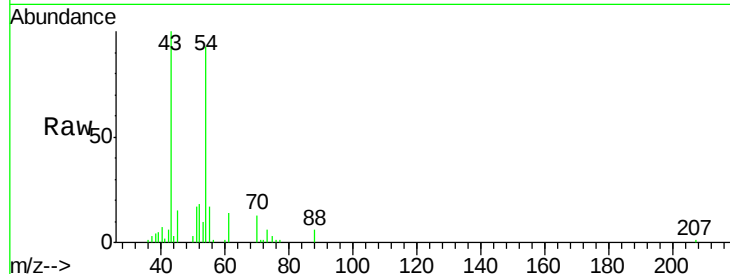




#37
Ethyl Acetate
Concen: 14.025 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

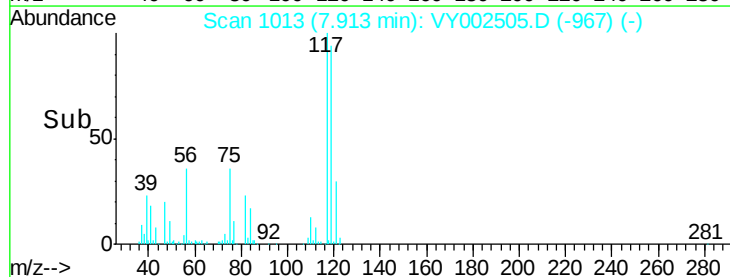
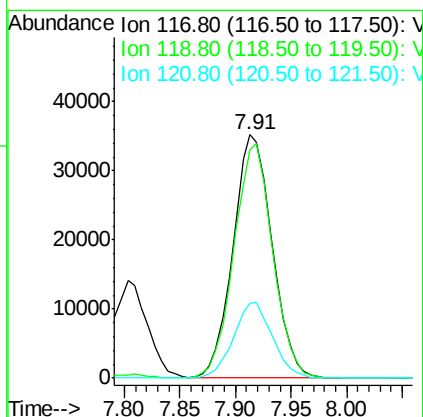
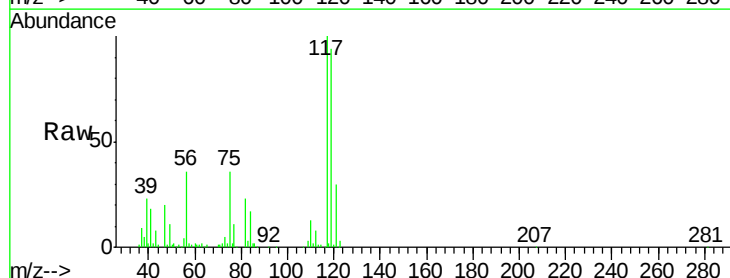
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

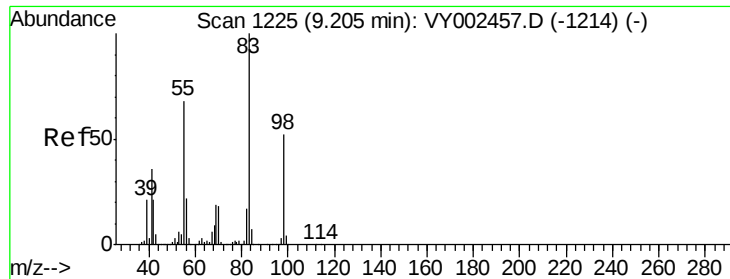
Tot Ion: 43 Resp: 28591
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.8
70 12.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.425 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.02 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 117 Resp: 85974
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9
121 30.4 24.5 36.7

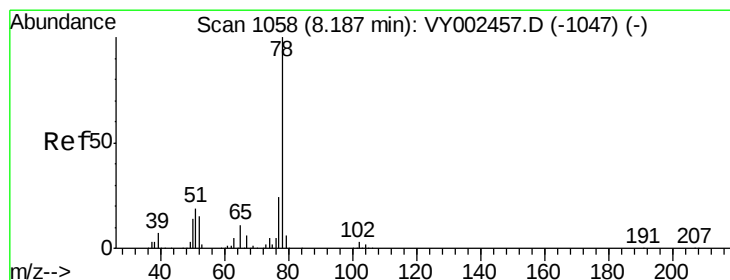
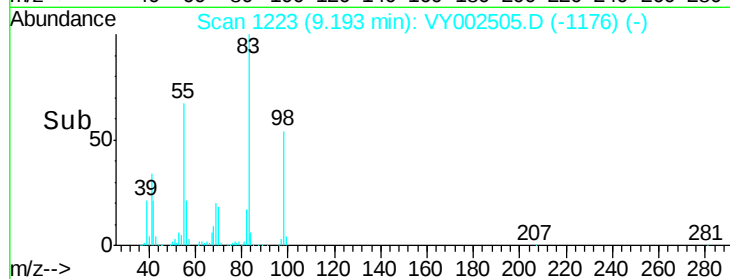
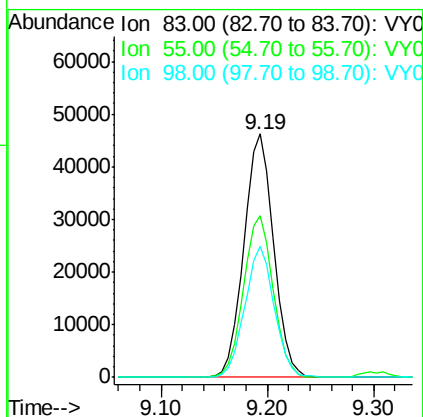
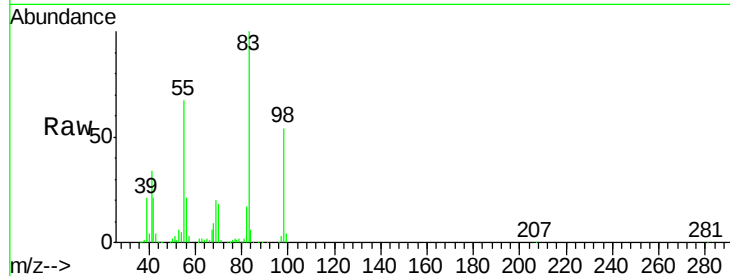




#39
Methvlcvclohexane
Concen: 17.164 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

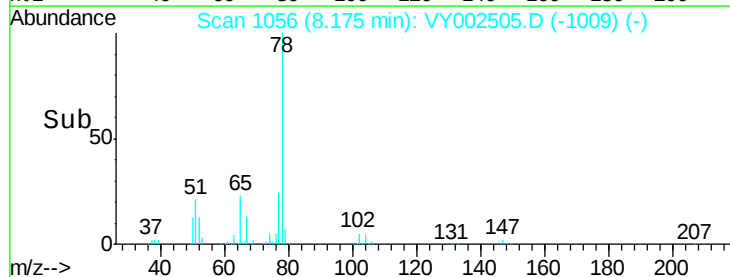
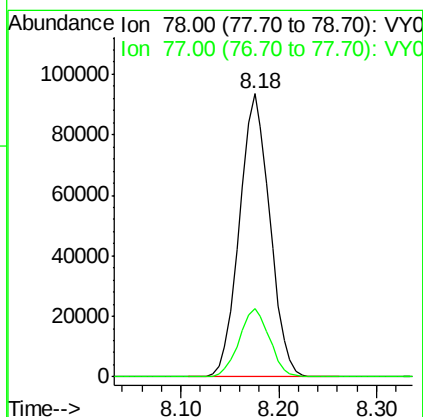
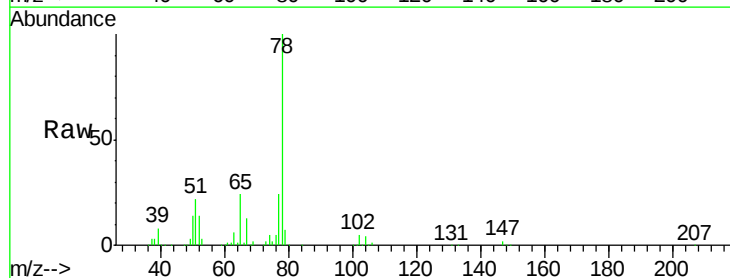
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

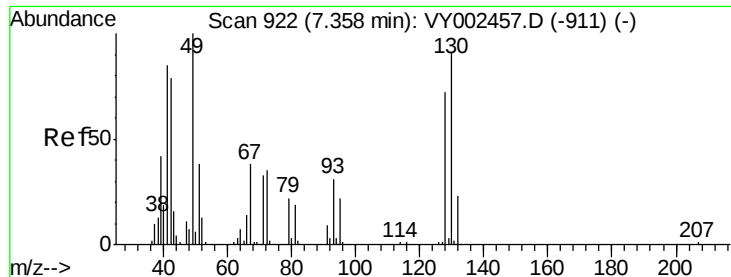
Tot Ion: 83 Resp: 90856
Ion Ratio Lower Upper
83 100
55 66.5 54.2 81.2
98 53.7 41.9 62.9



#40
Benzene
Concen: 17.243 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 78 Resp: 202230
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#41

Methacrylonitrile

Concen: 12.422 ug/l

RT: 7.33 min Scan# 918

Delta R.T. -0.02 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

Tot Ion: 41 Resp: 15601

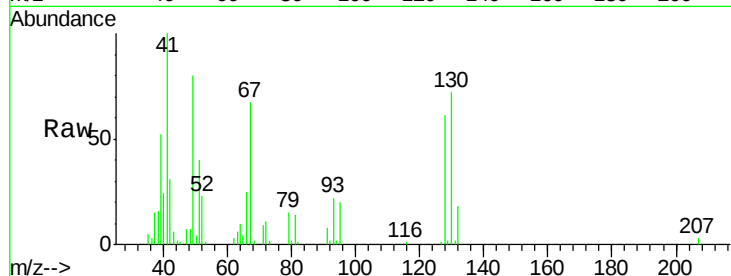
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

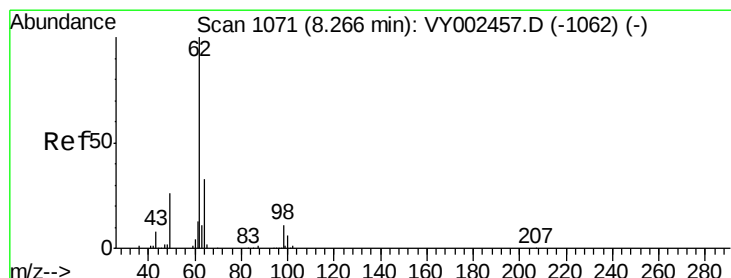
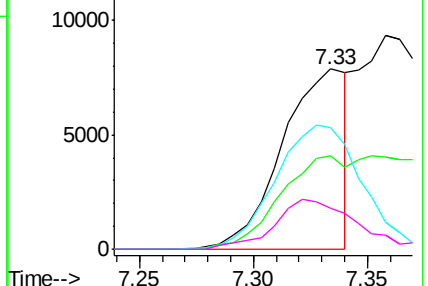
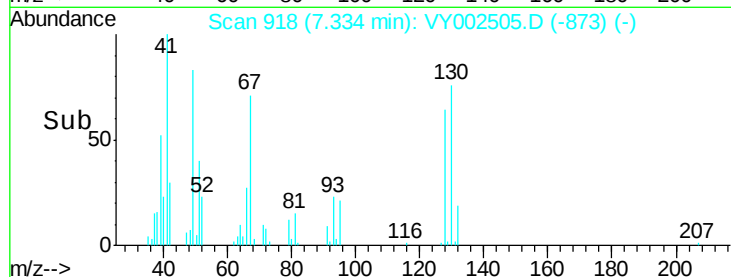


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 16.842 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002505.D

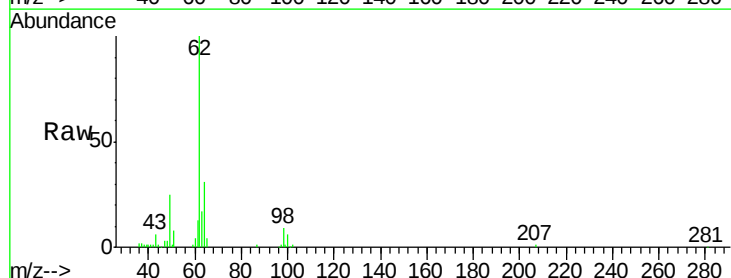
Acq: 29 Apr 2020 13:46

Tgt Ion: 62 Resp: 57381

Ion Ratio Lower Upper

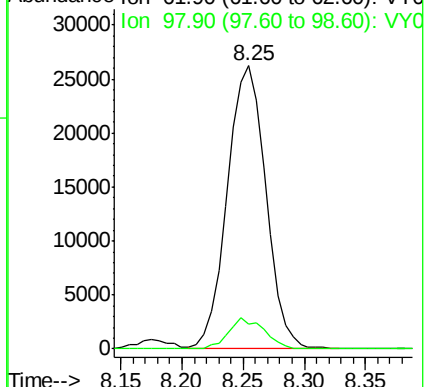
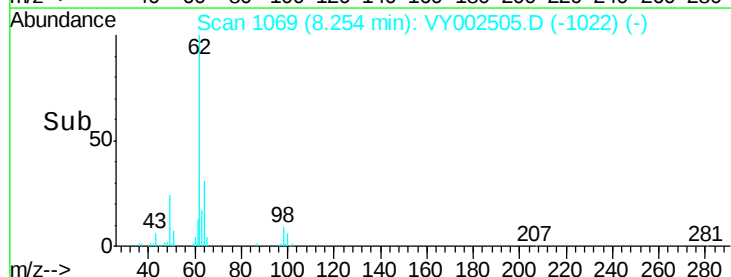
62 100

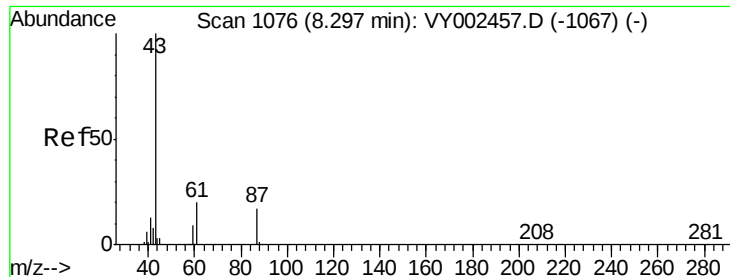
98 10.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 14.251 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

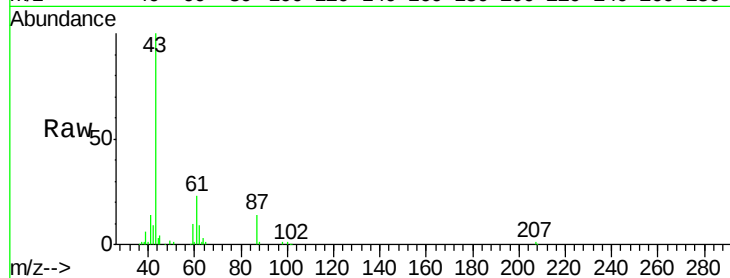
Tot Ion: 43 Resp: 54335

Ion Ratio Lower Upper

43 100

61 33.4 25.0 37.4

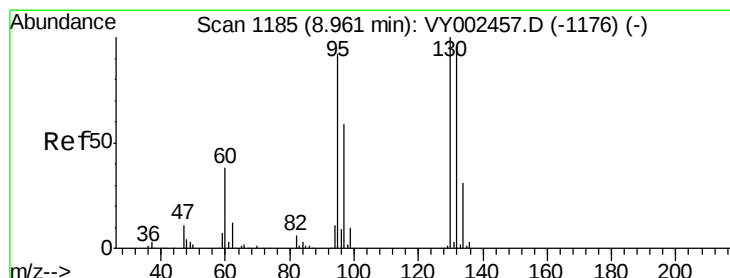
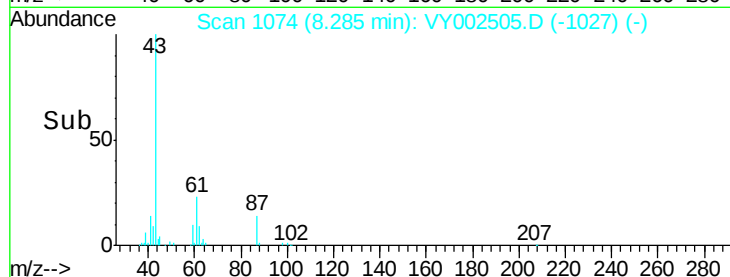
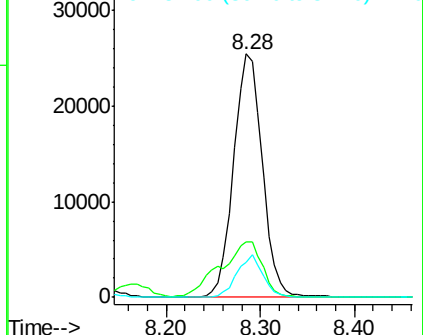
87 15.6 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002457.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002457.D (-1067) (-)



#44

Trichloroethene

Concen: 17.593 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002505.D

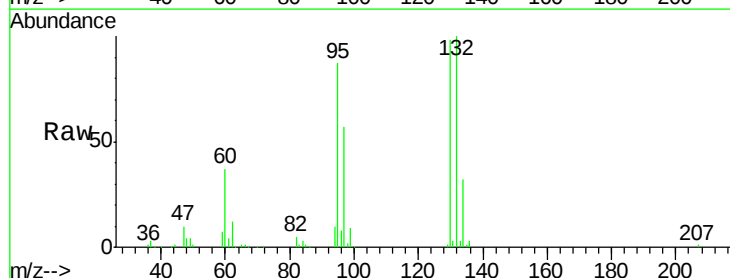
Acq: 29 Apr 2020 13:46

Tgt Ion: 130 Resp: 64516

Ion Ratio Lower Upper

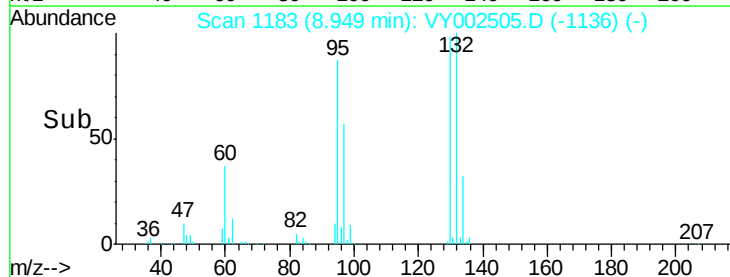
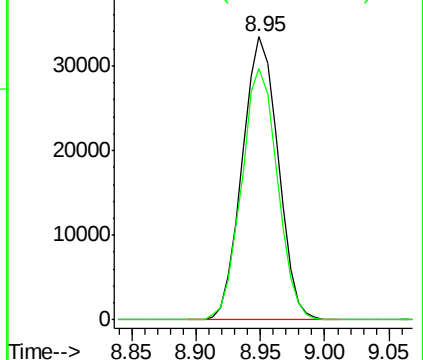
130 100

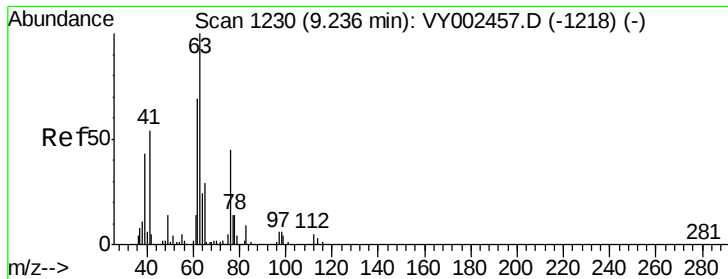
95 89.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002457.D (-1176) (-)

Ion 94.90 (94.60 to 95.60): VY002457.D (-1176) (-)





#45

1,2-Dichloropropane

Concen: 16.233 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

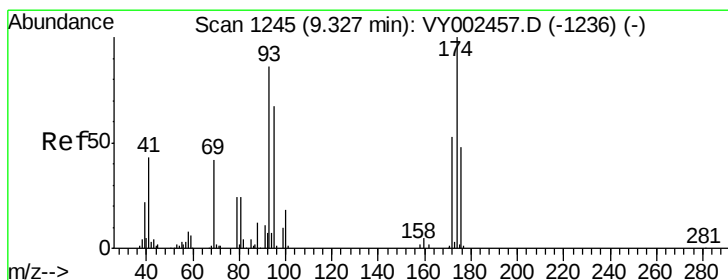
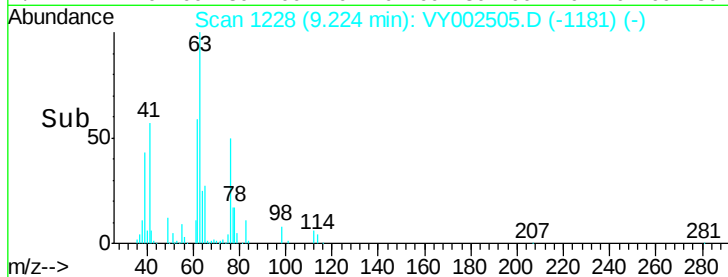
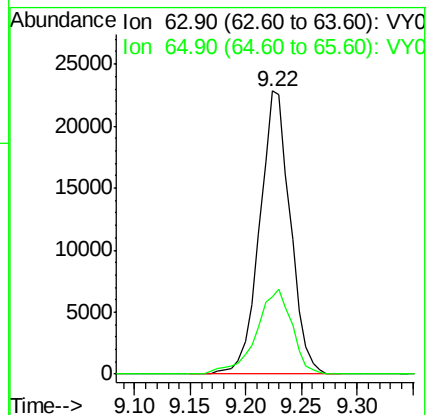
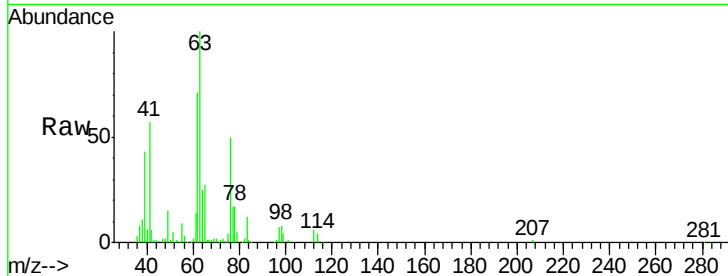
VY0429SBS01

Tot Ion: 63 Resp: 43877

Ion Ratio Lower Upper

63 100

65 27.5 23.4 35.0



#46

Dibromomethane

Concen: 16.340 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

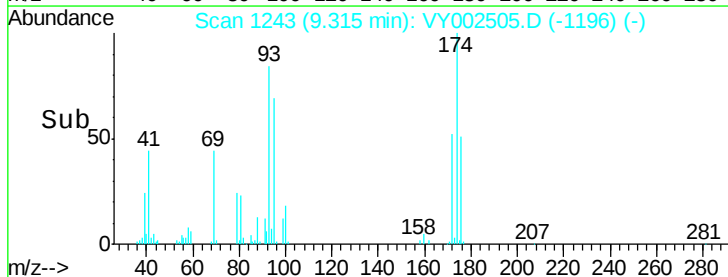
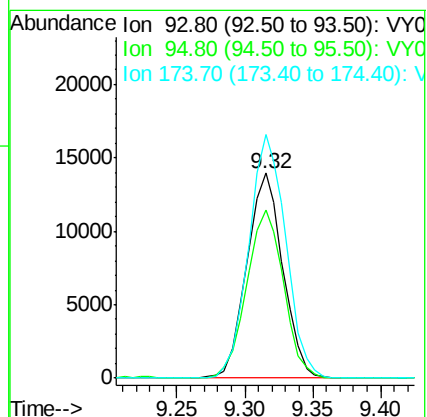
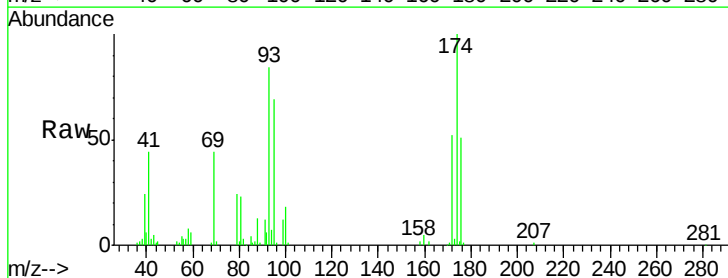
Tgt Ion: 93 Resp: 25841

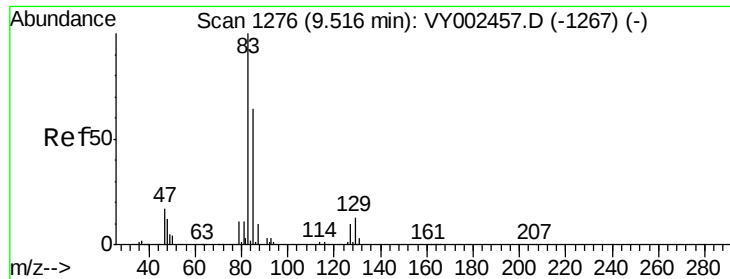
Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.0

174 122.2 94.8 142.2





#47

Bromodichloromethane

Concen: 17.226 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

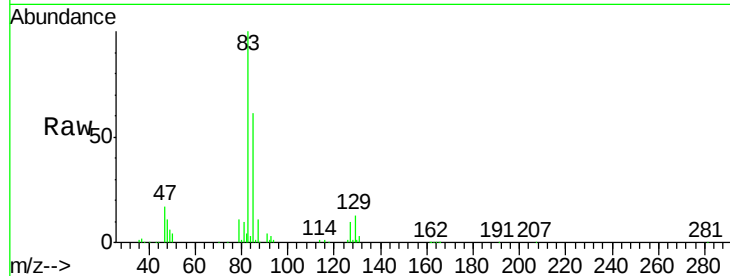
Tot Ion: 83 Resp: 68126

Ion Ratio Lower Upper

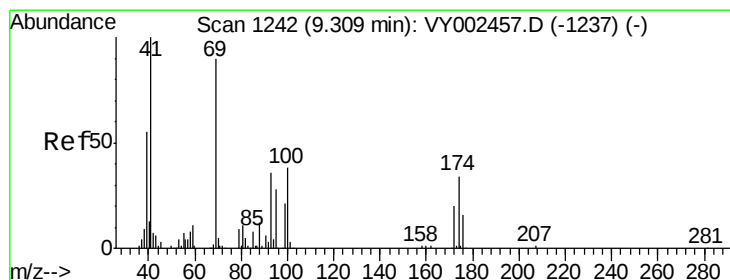
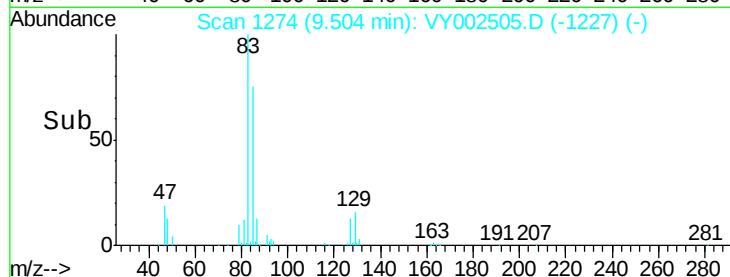
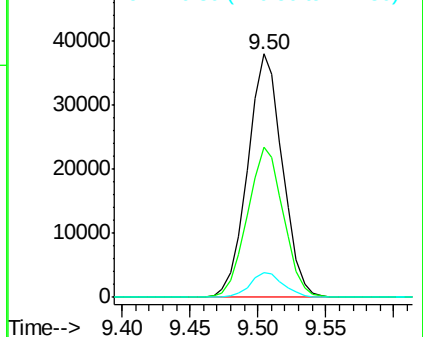
83 100

85 61.5 51.2 76.8

127 10.2 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: 14.140 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

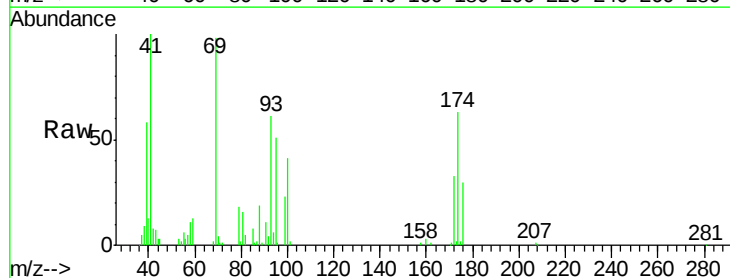
Tgt Ion: 41 Resp: 24612

Ion Ratio Lower Upper

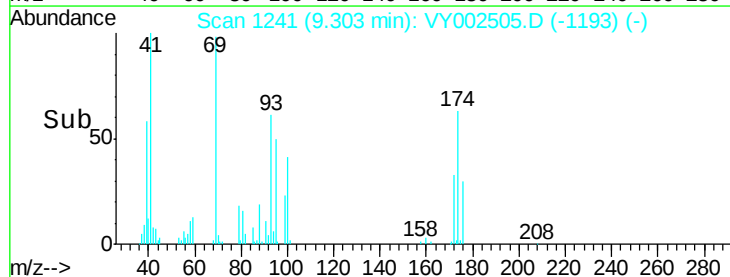
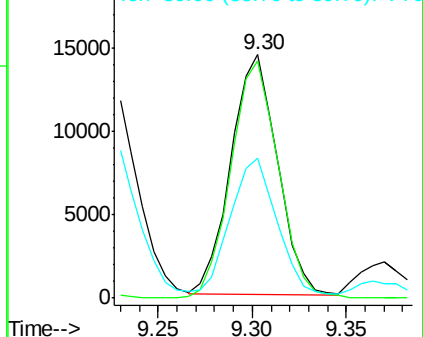
41 100

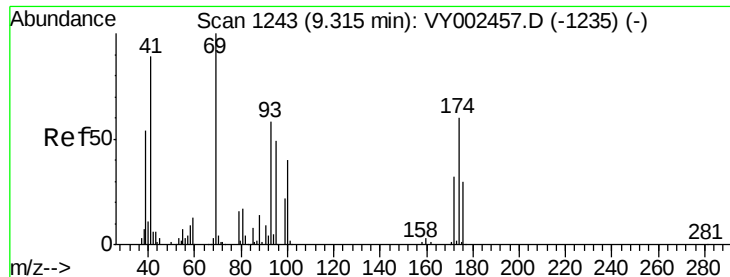
69 101.0 77.9 116.9

39 56.4 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

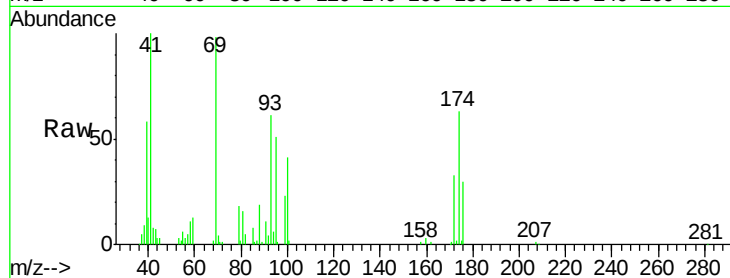




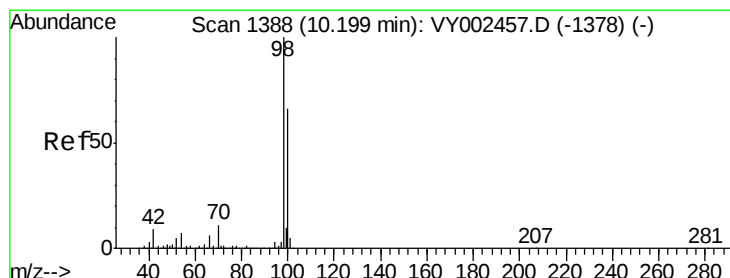
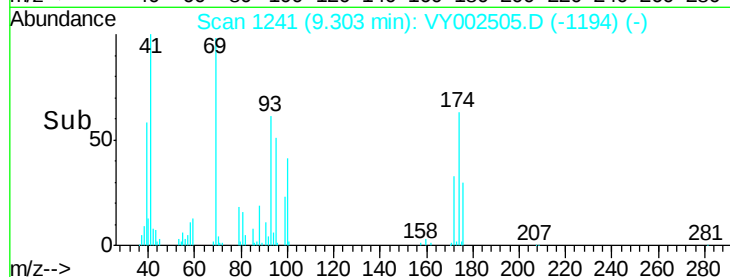
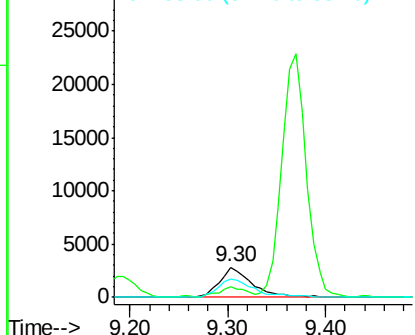
#49
1,4-Dioxane
Concen: 323.309 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion: 88 Resp: 6516
Ion Ratio Lower Upper
88 100
43 25.3 22.9 34.3
58 66.8 49.5 74.3

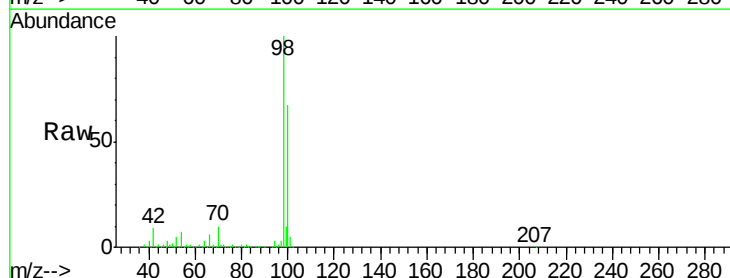


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

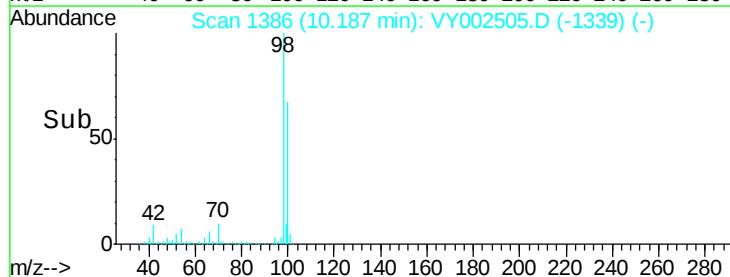
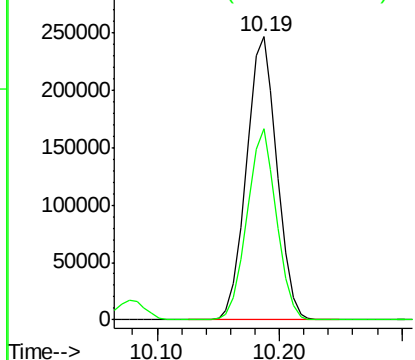


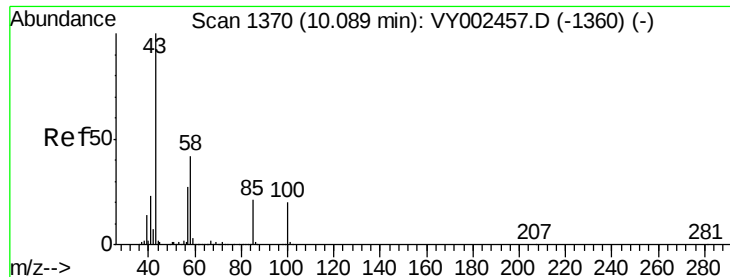
#50
Toluene-d8
Concen: 39.680 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 98 Resp: 425699
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7



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

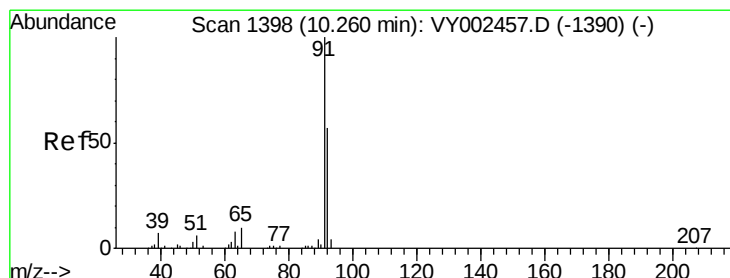
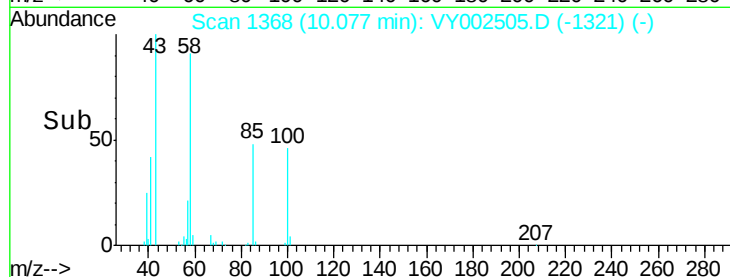
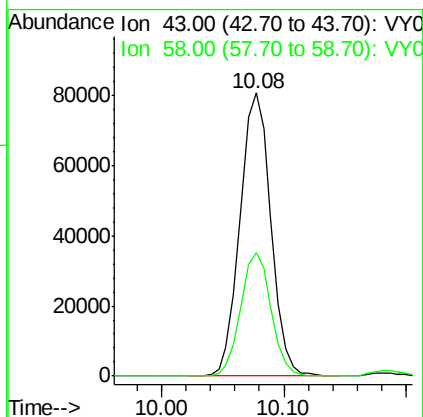
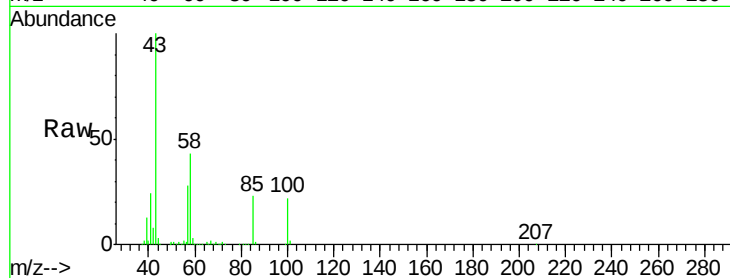




#51
4-Methyl-2-Pentanone
Concen: 71.400 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

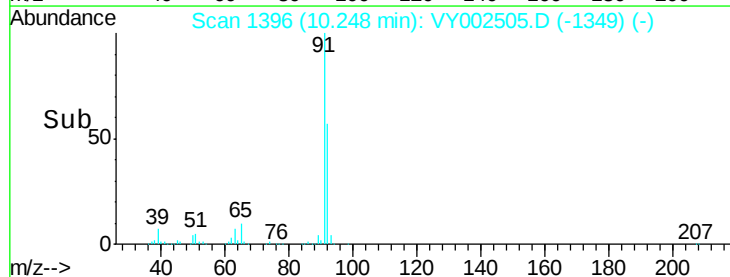
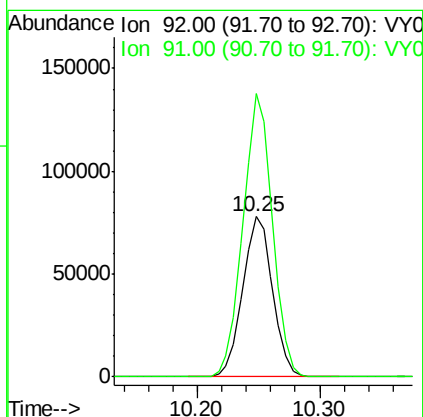
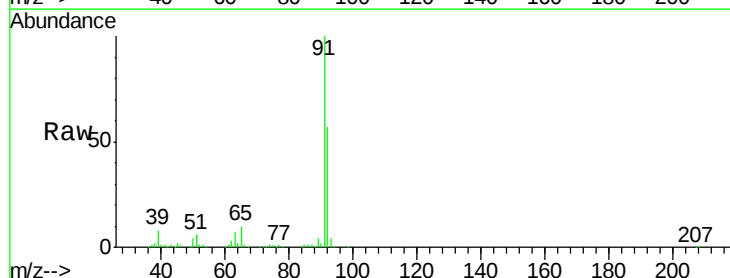
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

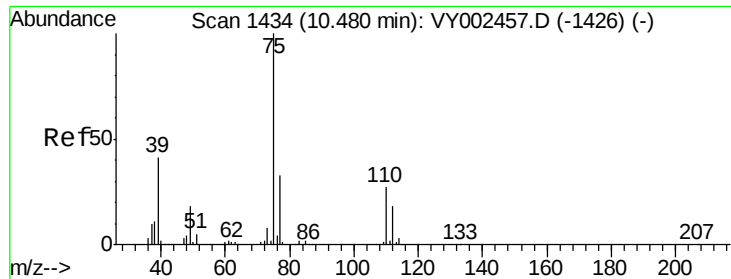
Tot Ion: 43 Resp: 141400
Ion Ratio Lower Upper
43 100
58 42.8 33.2 49.8



#52
Toluene
Concen: 17.420 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 92 Resp: 131514
Ion Ratio Lower Upper
92 100
91 175.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 16.583 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

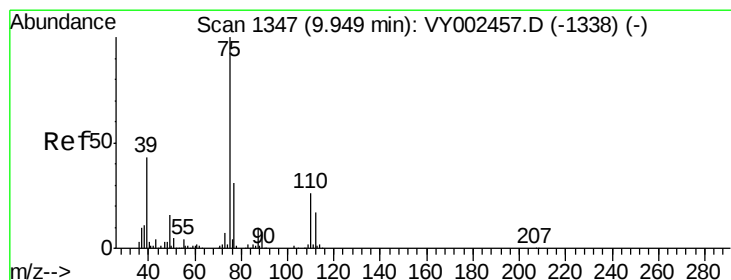
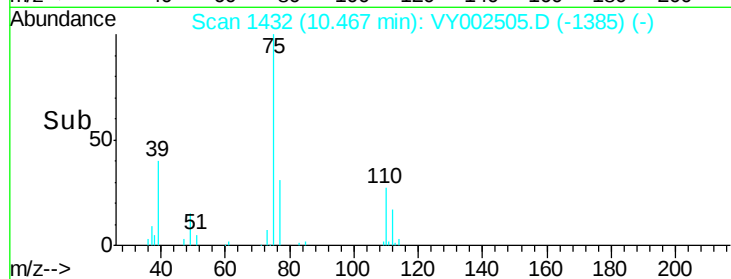
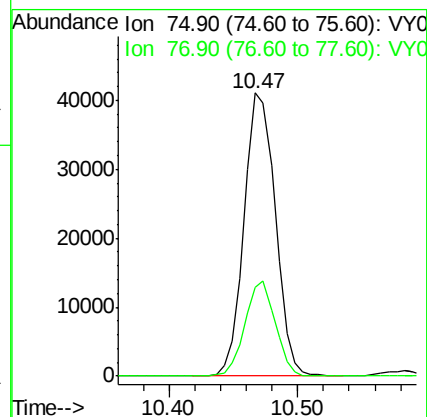
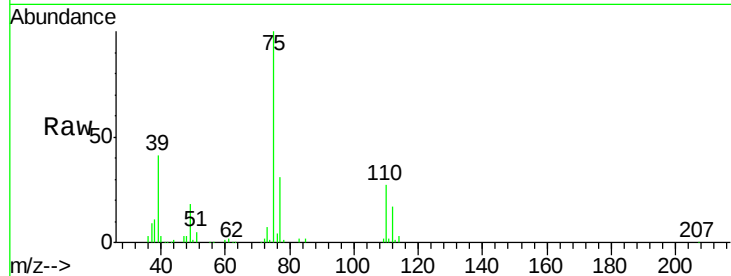
VY0429SBS01

Tot Ion: 75 Resp: 68873

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 16.865 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

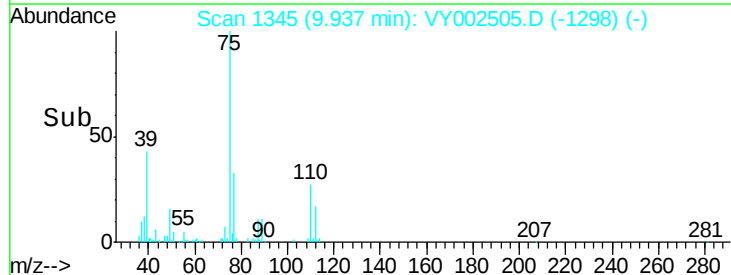
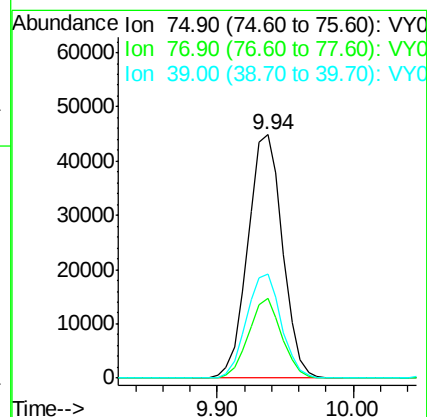
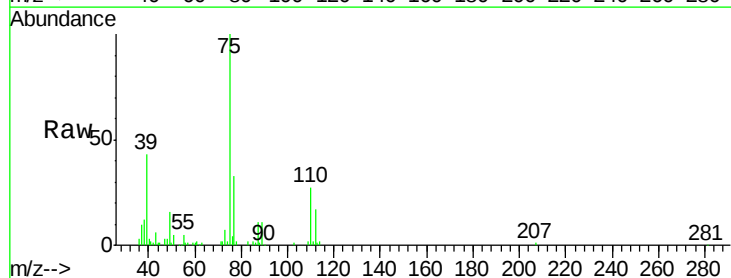
Tgt Ion: 75 Resp: 80172

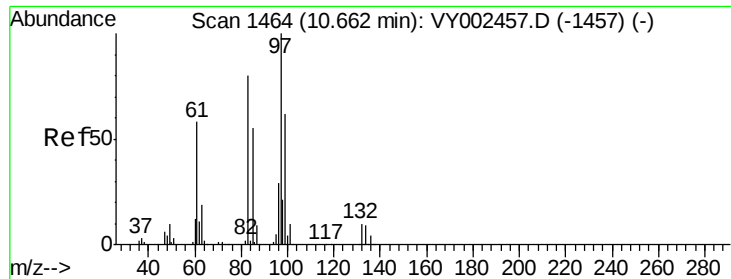
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 42.6 34.2 51.2

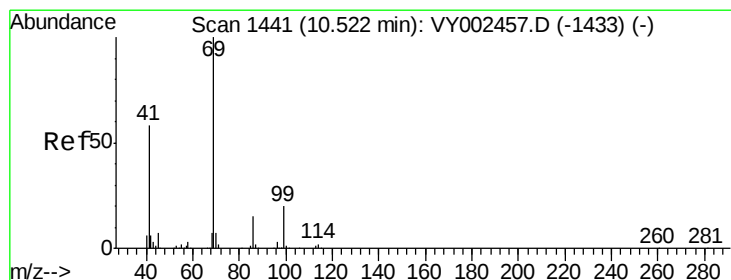
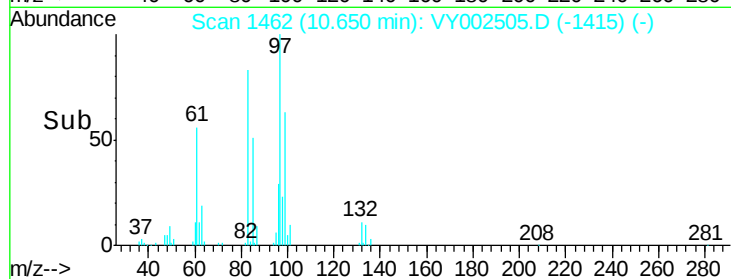
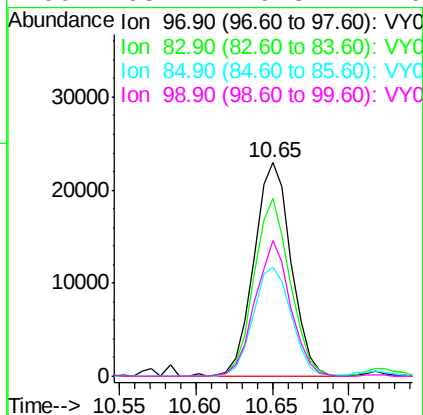
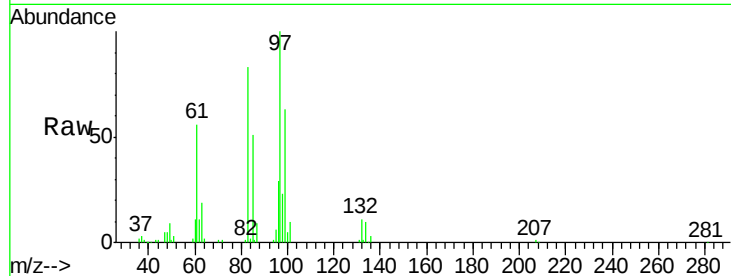




#55
 1,1,2-Trichloroethane
 Concen: 16.575 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

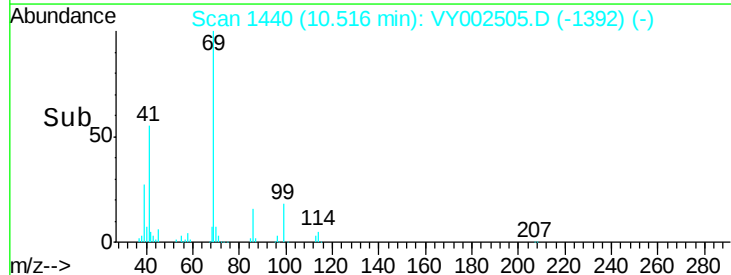
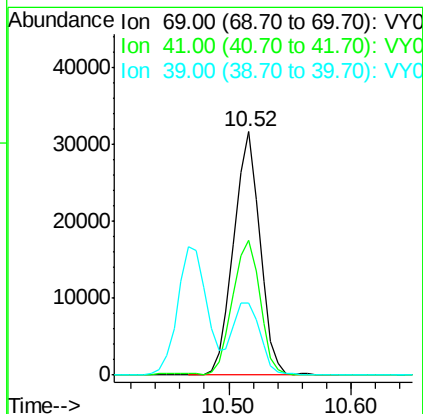
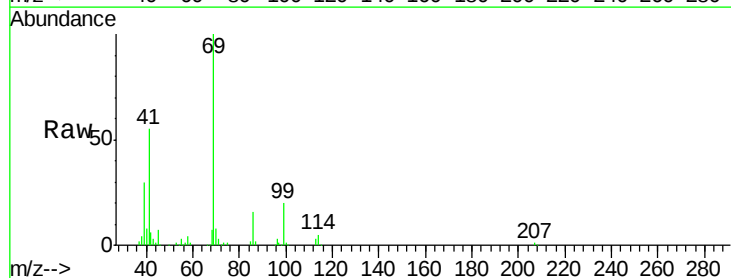
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

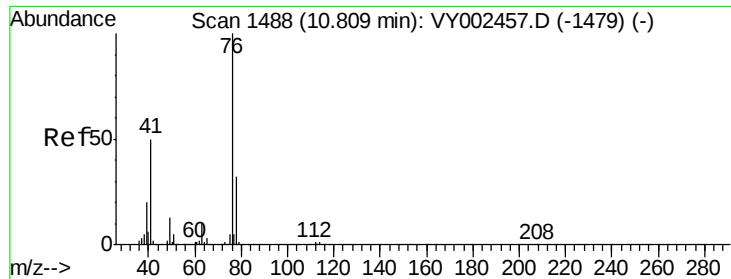
Tot Ion:	97	Resp:	38756
Ion	Ratio	Lower	Upper
97	100		
83	83.2	63.8	95.8
85	51.2	43.9	65.9
99	63.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 14.745 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion:	69	Resp:	47109
Ion	Ratio	Lower	Upper
69	100		
41	57.4	47.5	71.3
39	32.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 16.124 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

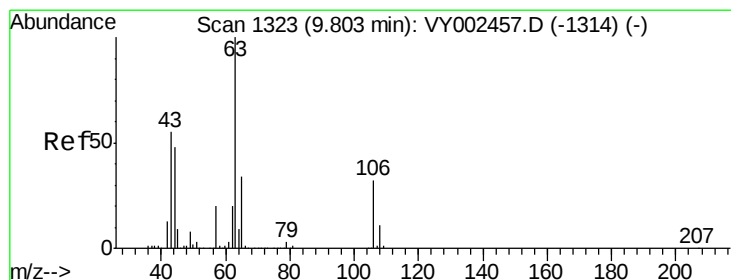
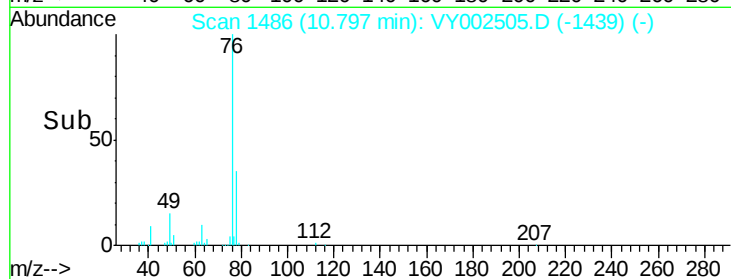
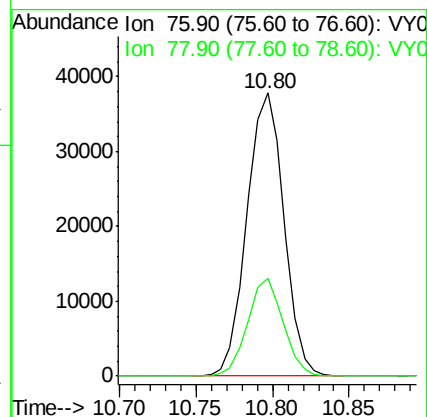
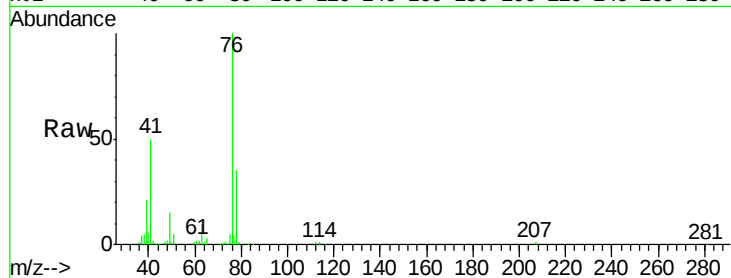
VY0429SBS01

Tot Ion: 76 Resp: 63652

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 79.215 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002505.D

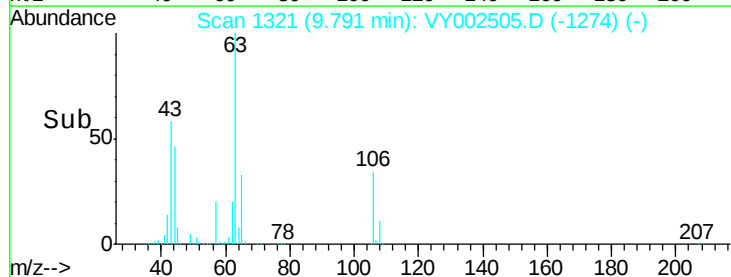
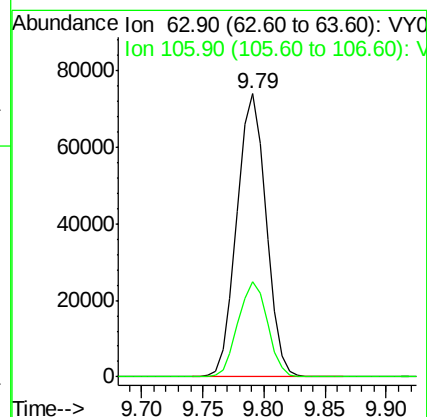
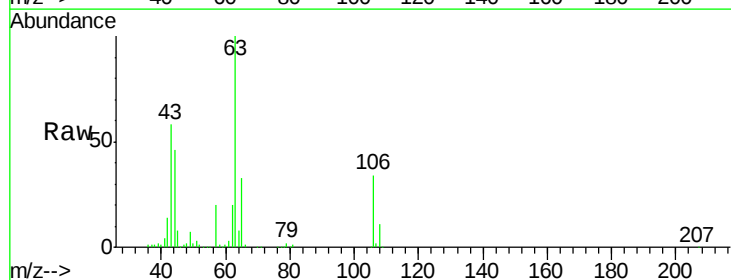
Acq: 29 Apr 2020 13:46

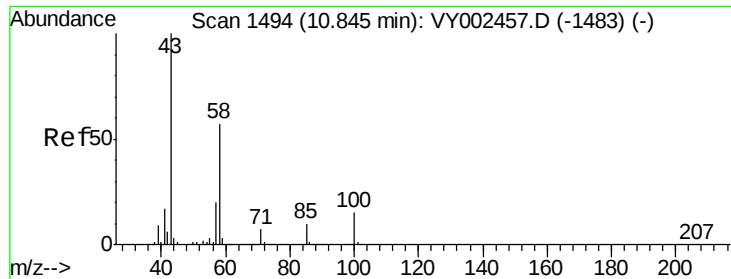
Tgt Ion: 63 Resp: 122388

Ion Ratio Lower Upper

63 100

106 33.9 26.0 39.0

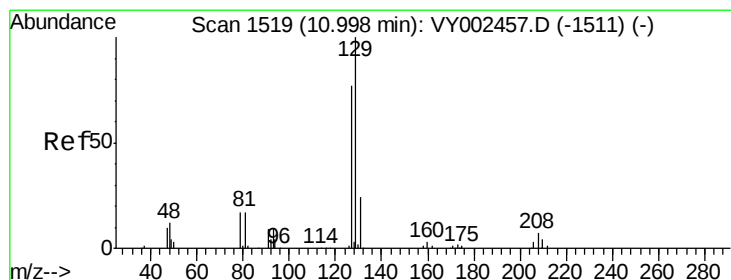
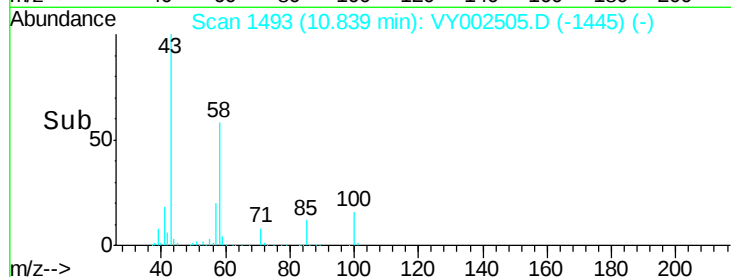
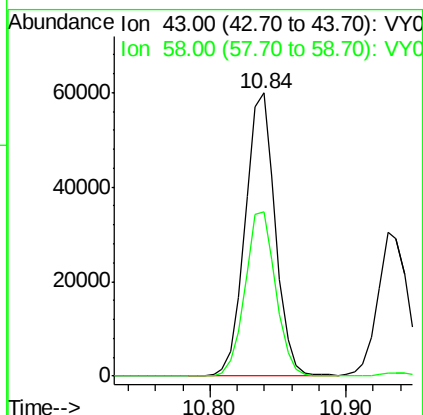
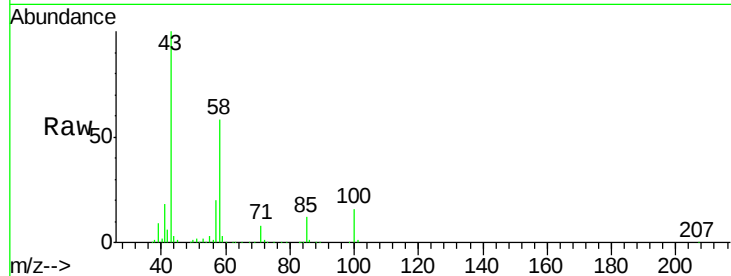




#59
2-Hexanone
Concen: 67.046 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

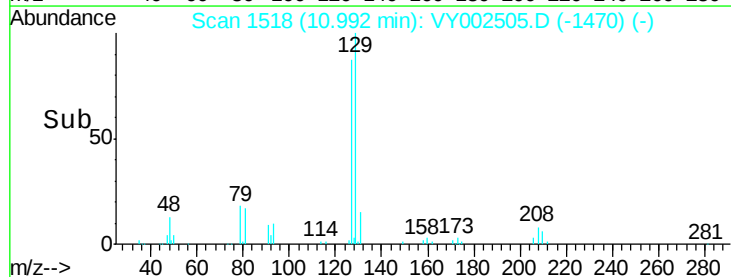
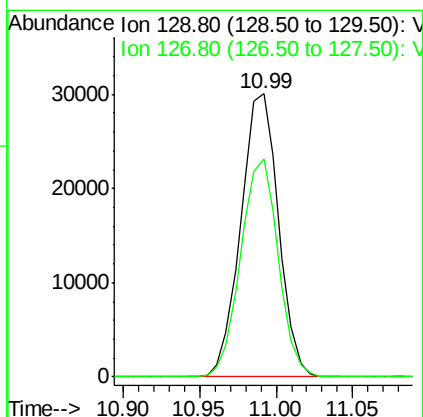
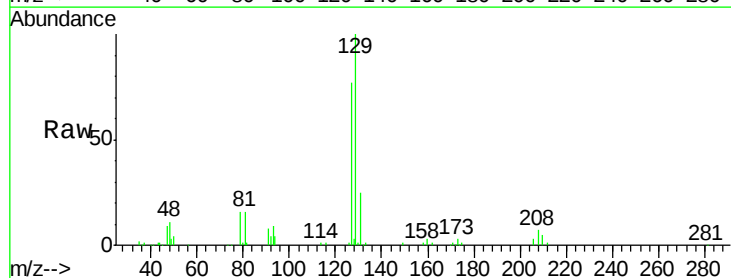
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

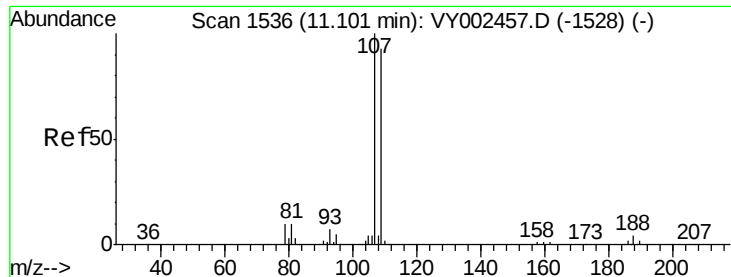
Tot Ion: 43 Resp: 92551
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.4



#60
Dibromochloromethane
Concen: 16.822 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 129 Resp: 51540
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

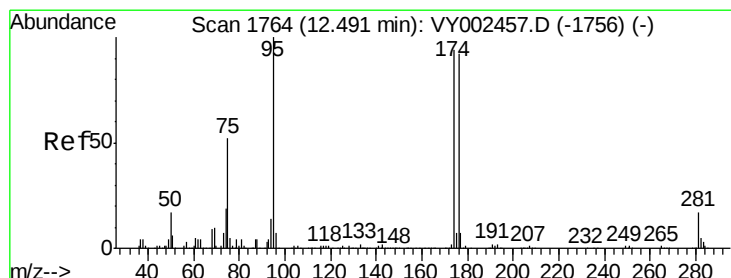
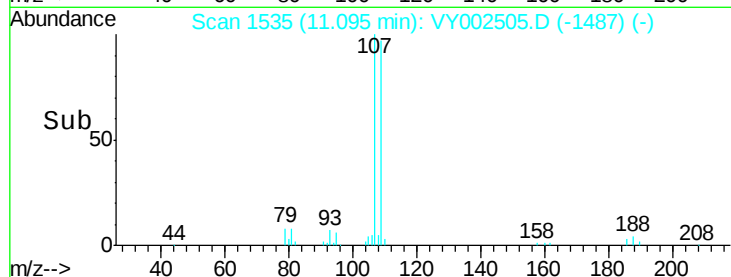
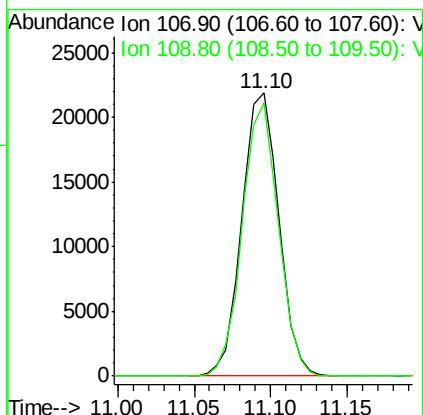
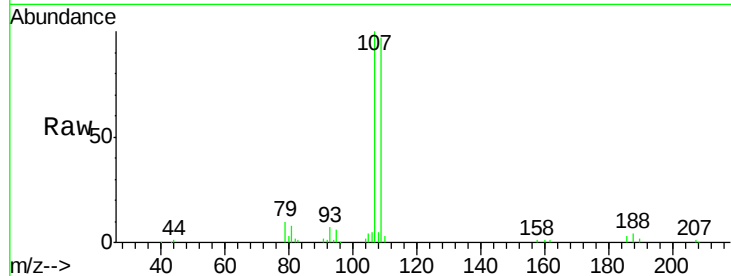




#61
 1,2-Dibromoethane
 Concen: 15.871 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

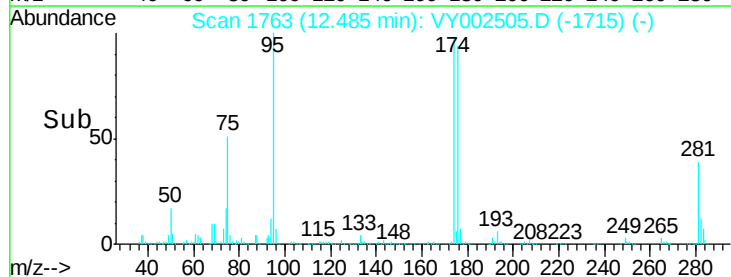
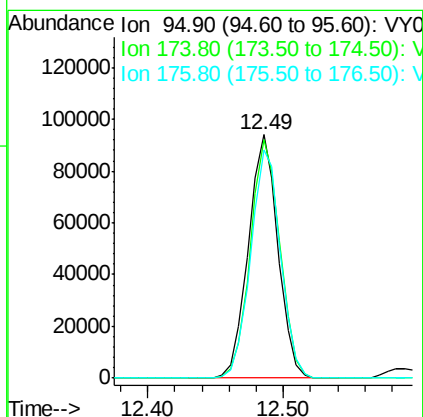
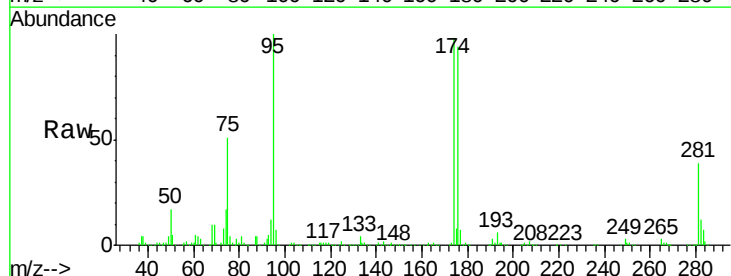
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

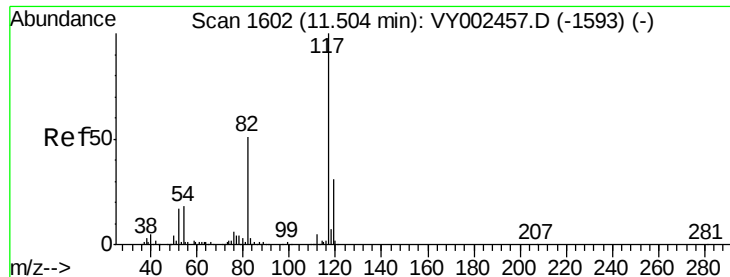
Tot Ion:107 Resp: 36799
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 39.763 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion: 95 Resp: 143139
 Ion Ratio Lower Upper
 95 100
 174 98.1 0.0 193.0
 176 95.1 0.0 190.4

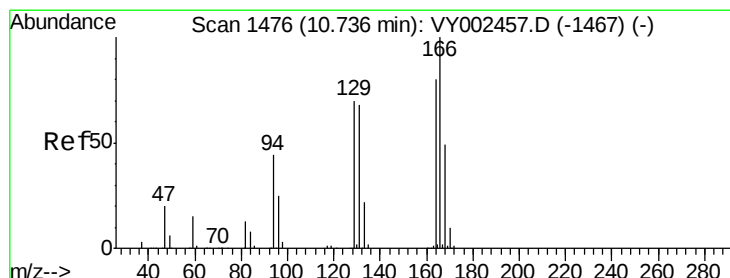
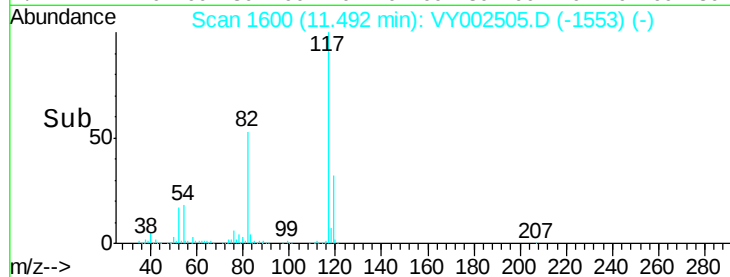
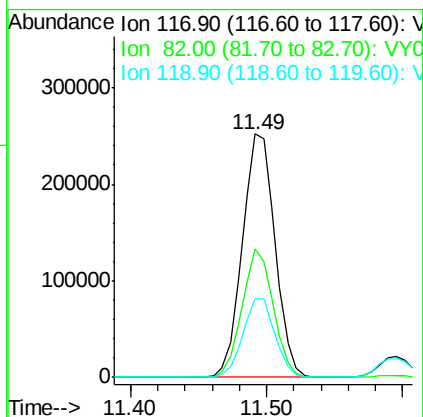
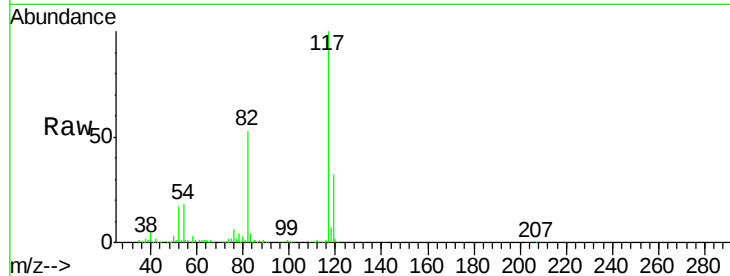




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

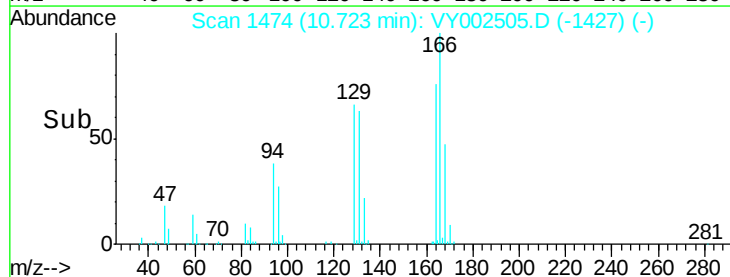
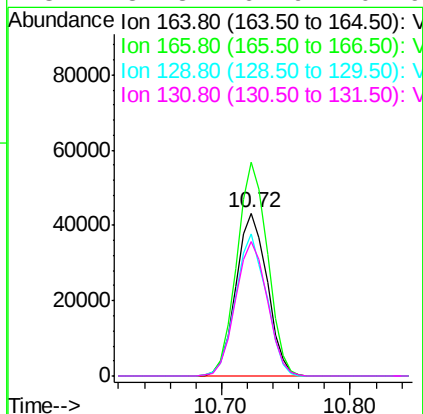
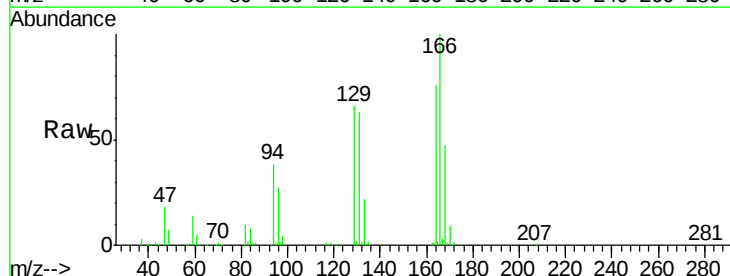
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

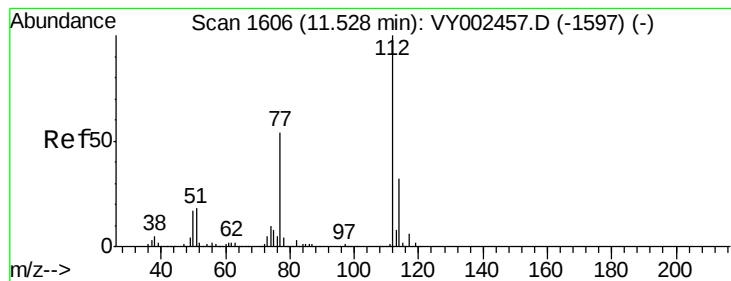
Tot Ion:117 Resp: 422044
Ion Ratio Lower Upper
117 100
82 53.0 40.8 61.2
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 18.774 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion:164 Resp: 72620
Ion Ratio Lower Upper
164 100
166 131.0 100.0 150.0
129 86.9 69.8 104.8
131 82.3 67.9 101.9





#65

Chlorobenzene

Concen: 18.039 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

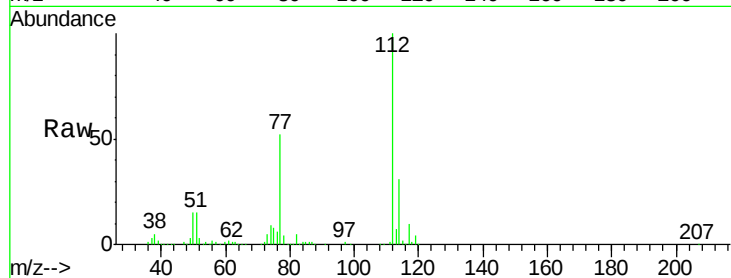
VY0429SBS01

Tot Ion:112 Resp: 146773

Ion Ratio Lower Upper

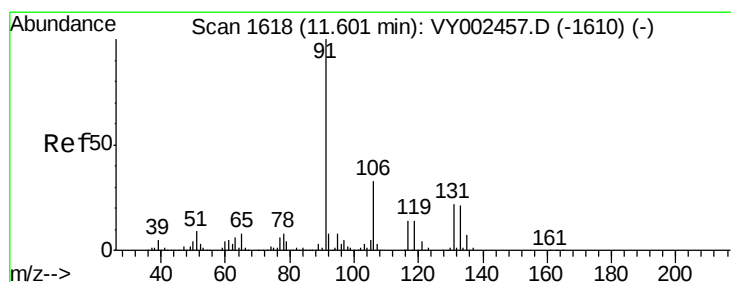
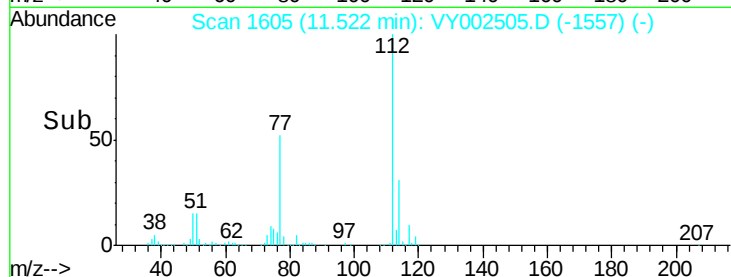
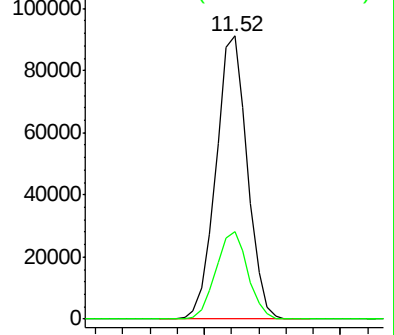
112 100

114 30.8 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: 18.383 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

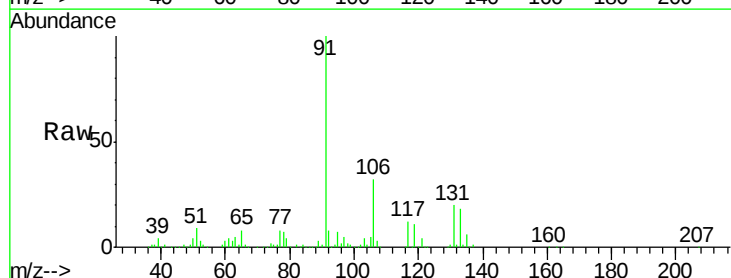
Tgt Ion:131 Resp: 56122

Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.4

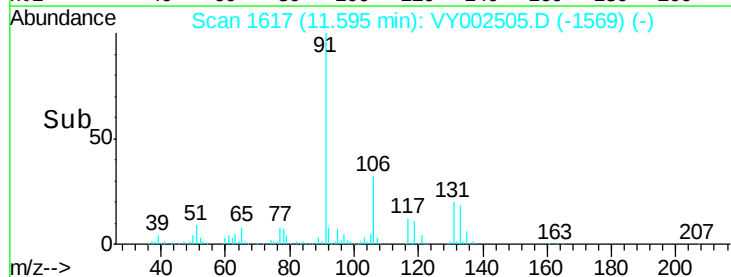
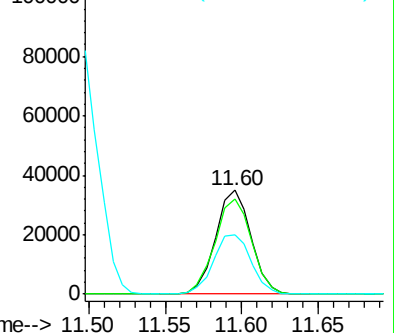
119 60.8 31.1 93.3

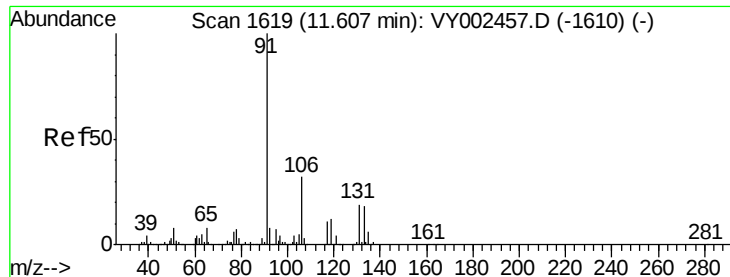


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

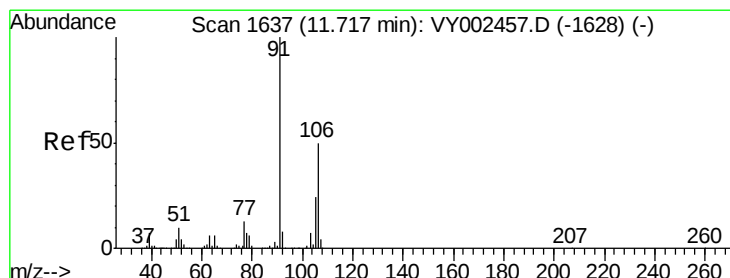
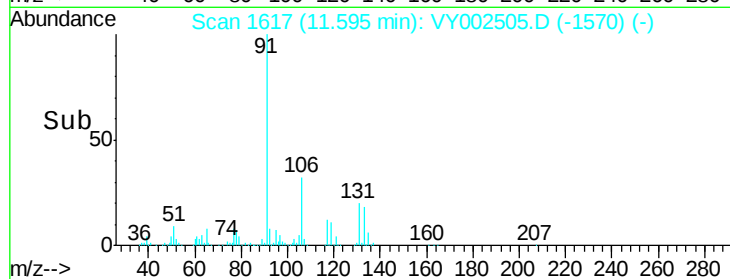
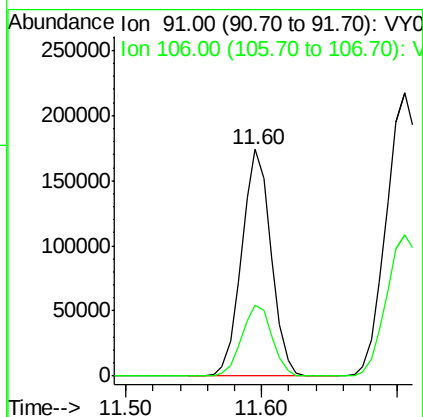
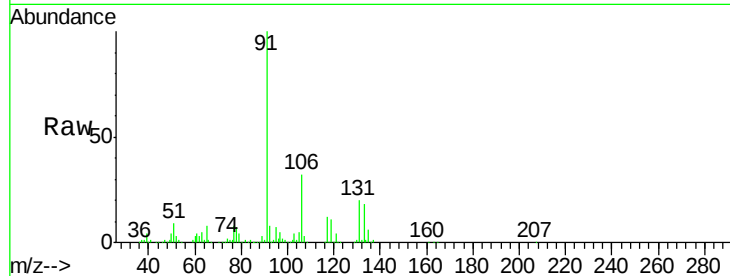




#67
Ethyl Benzene
Concen: 18.086 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

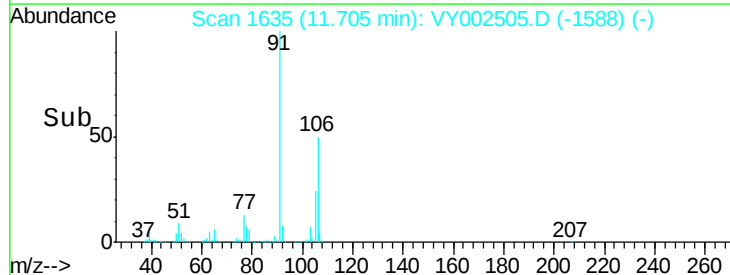
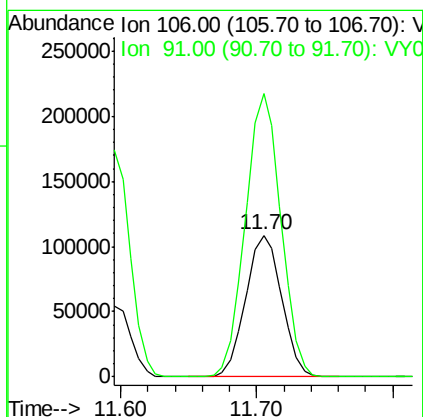
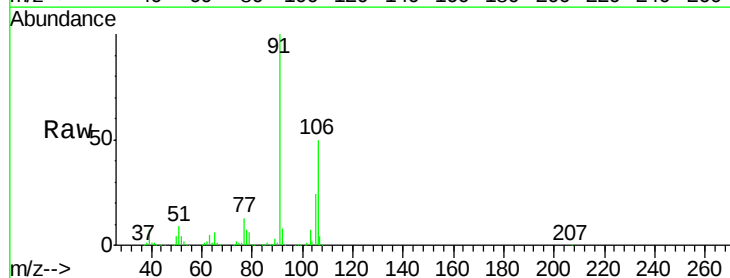
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

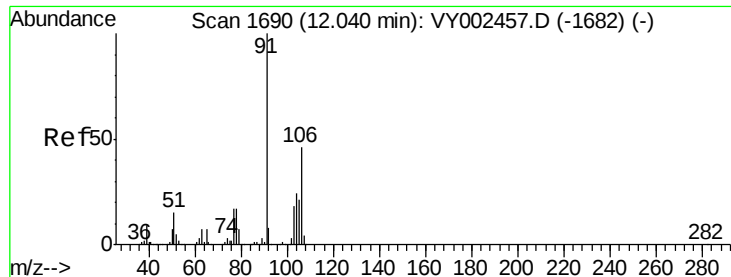
Tot Ion: 91 Resp: 262268
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 36.116 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 106 Resp: 201610
Ion Ratio Lower Upper
106 100
91 197.3 159.8 239.6

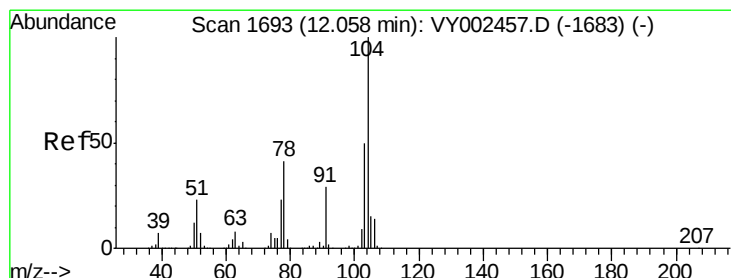
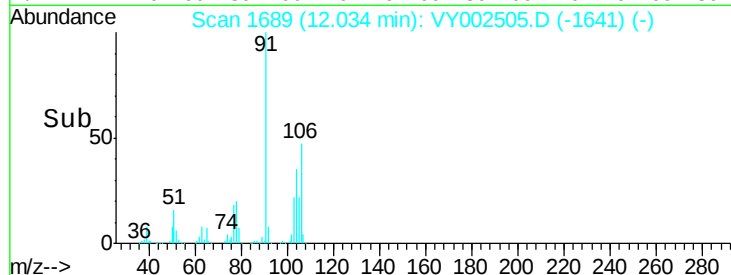
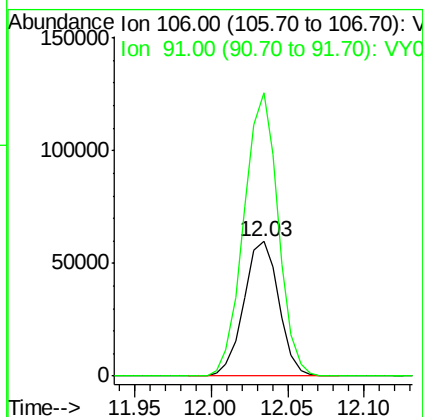
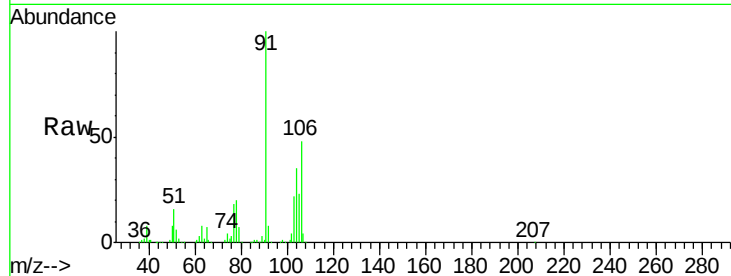




#69
o-Xylene
Concen: 18.367 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

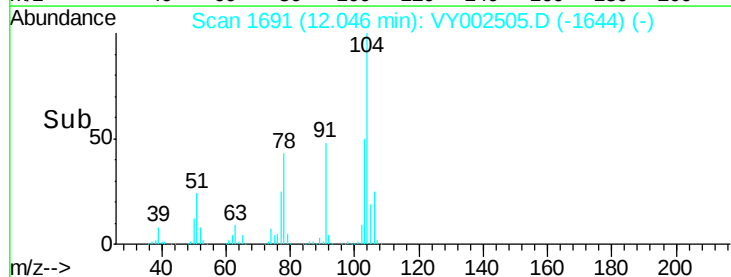
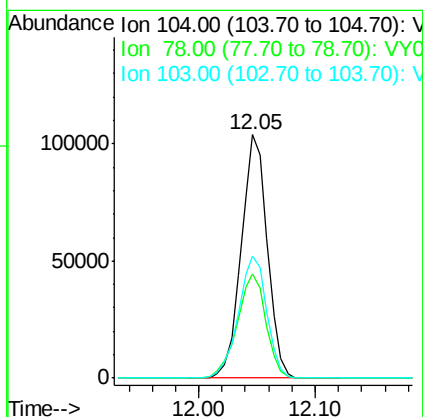
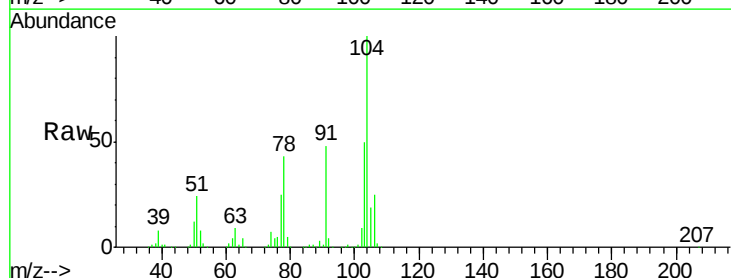
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

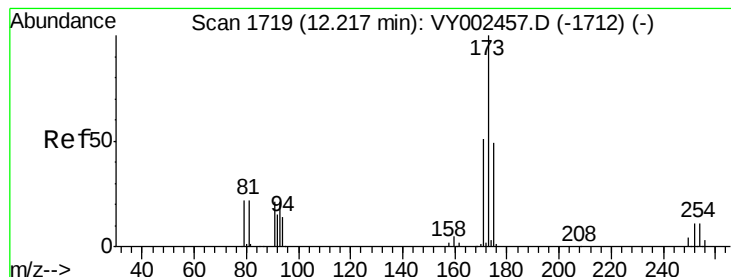
Tot Ion:106 Resp: 94948
Ion Ratio Lower Upper
106 100
91 206.1 104.5 313.3



#70
Styrene
Concen: 17.996 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion:104 Resp: 161981
Ion Ratio Lower Upper
104 100
78 47.2 38.0 57.0
103 54.8 44.4 66.6





#71

Bromoform

Concen: 16.757 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

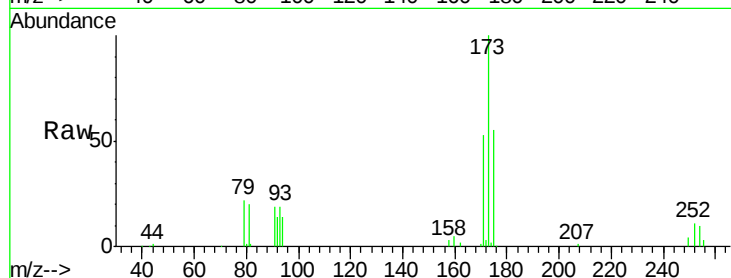
Tot Ion:173 Resp: 32228

Ion Ratio Lower Upper

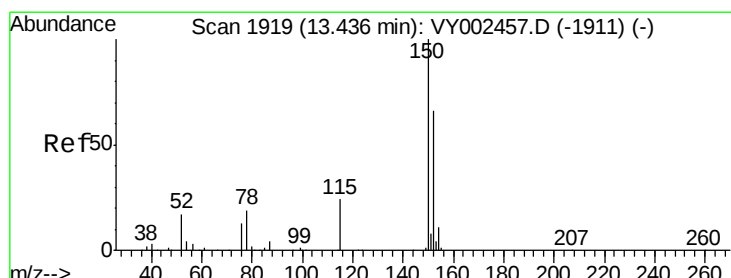
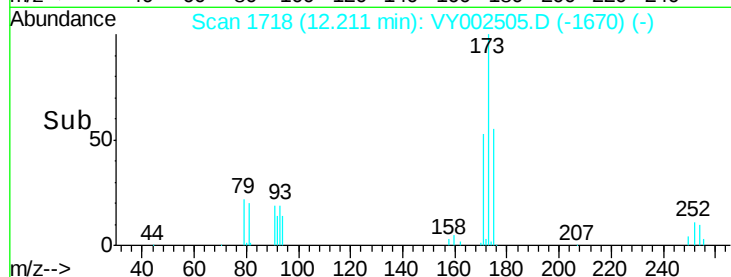
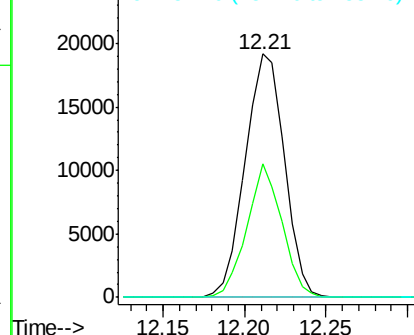
173 100

175 49.2 24.3 73.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

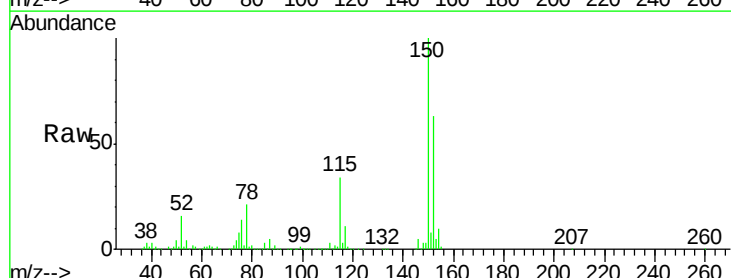
Tgt Ion:152 Resp: 218365

Ion Ratio Lower Upper

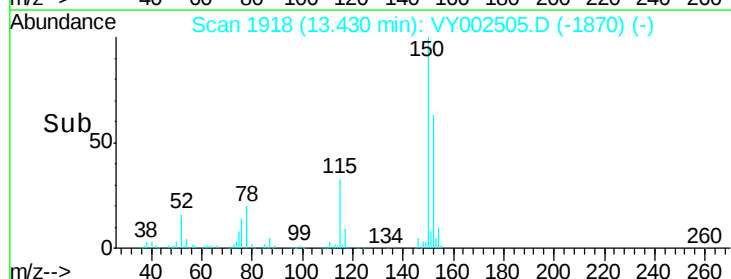
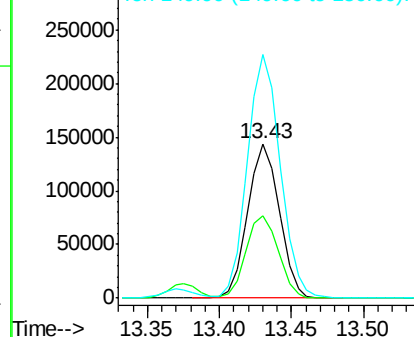
152 100

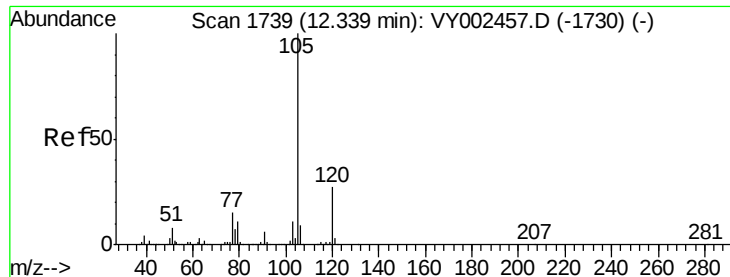
115 54.8 27.3 81.8

150 164.2 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.219 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

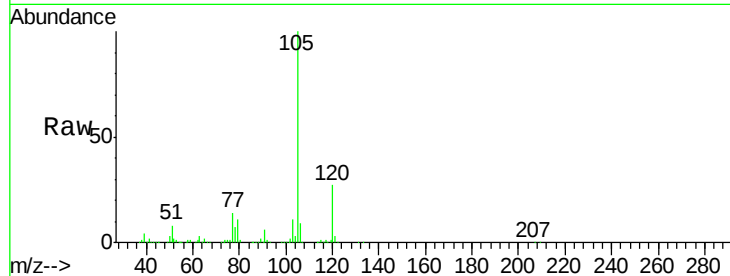
VY0429SBS01

Tot Ion:105 Resp: 265968

Ion Ratio Lower Upper

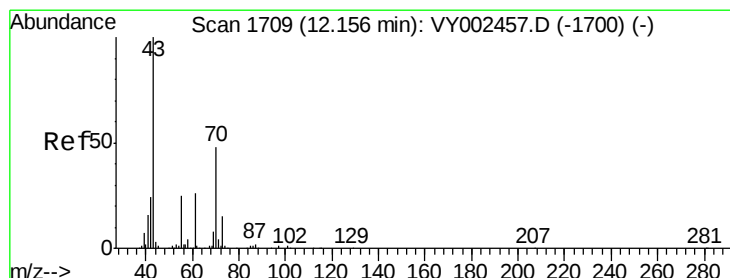
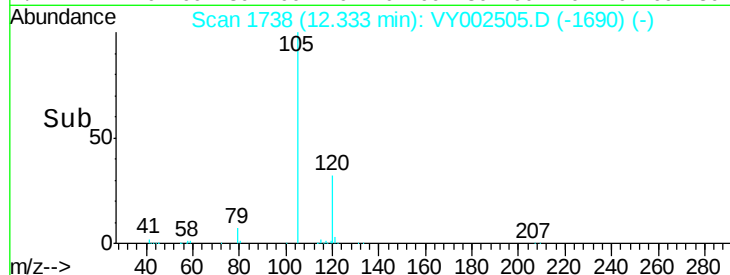
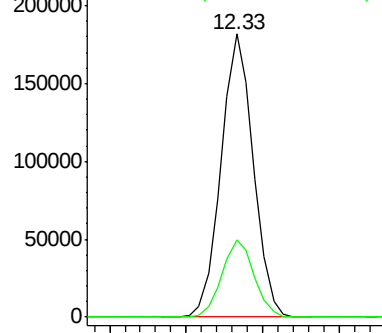
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 13.883 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Tgt Ion: 43 Resp: 48025

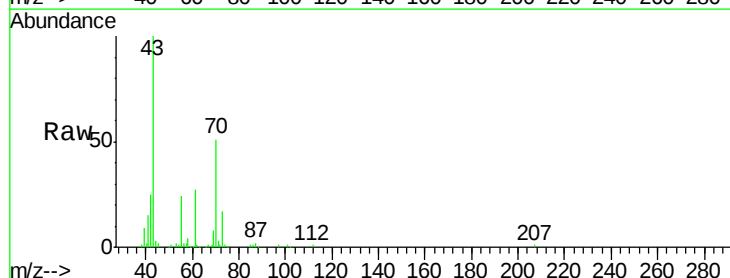
Ion Ratio Lower Upper

43 100

70 48.4 37.2 55.8

55 25.8 19.6 29.4

61 26.2 20.7 31.1

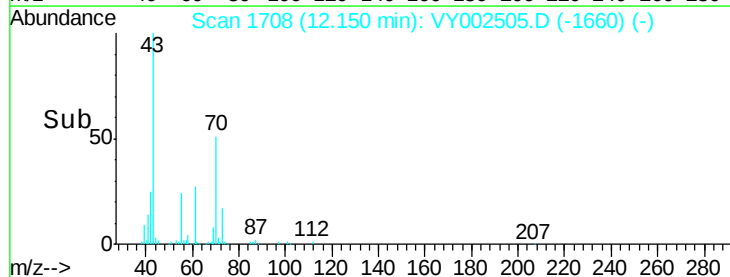
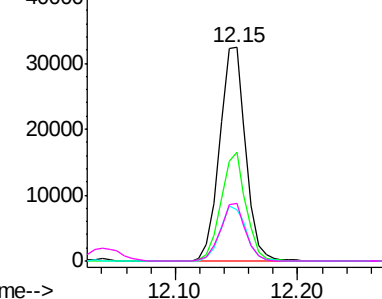


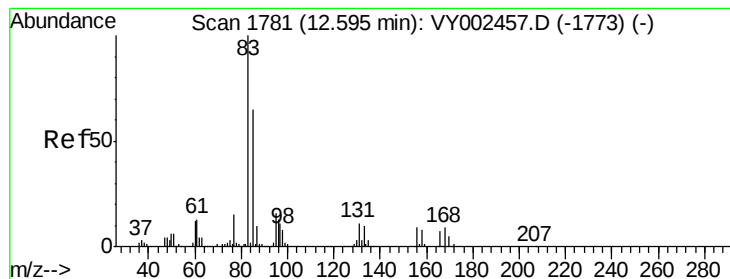
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 15.034 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

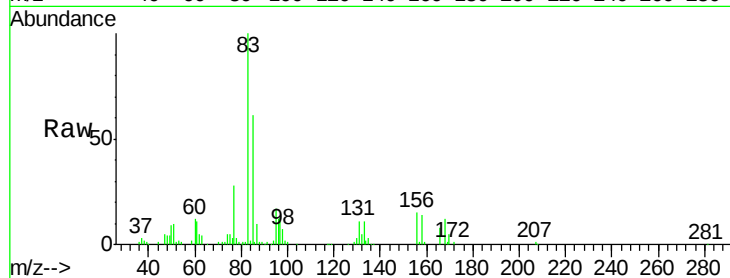
Tot Ion: 83 Resp: 33709

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.6

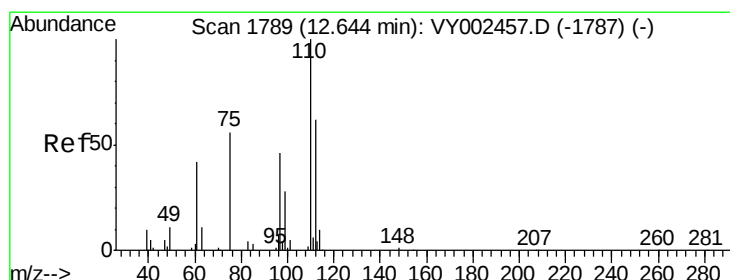
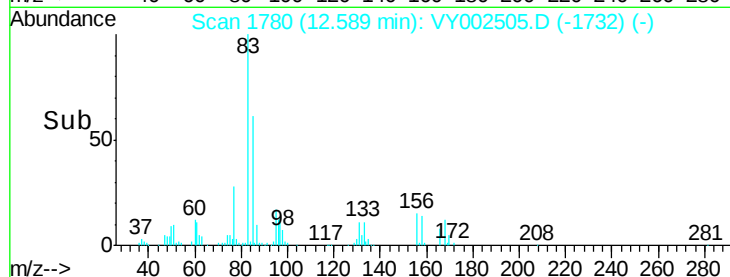
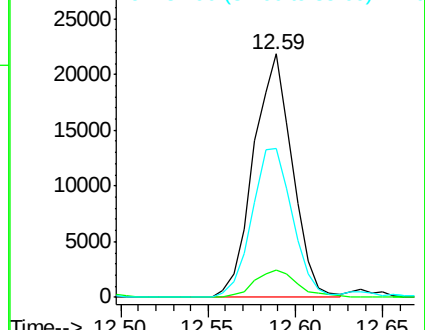
85 64.2 32.5 97.5



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: 14.735 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002505.D

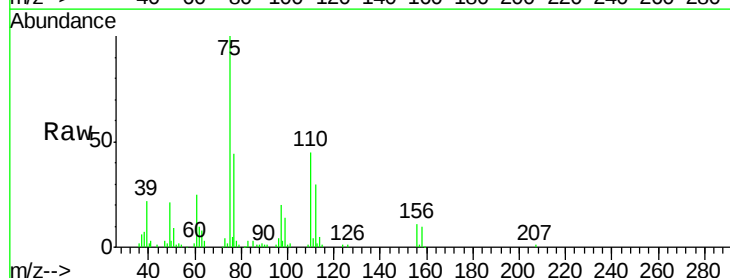
Acq: 29 Apr 2020 13:46

Tgt Ion: 75 Resp: 27271

Ion Ratio Lower Upper

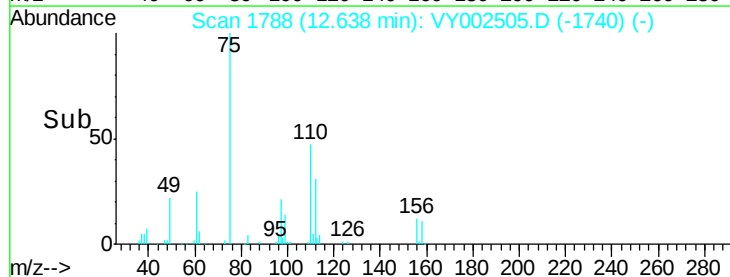
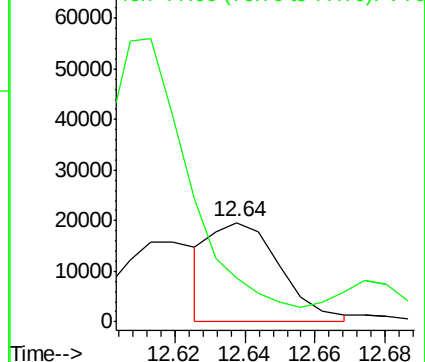
75 100

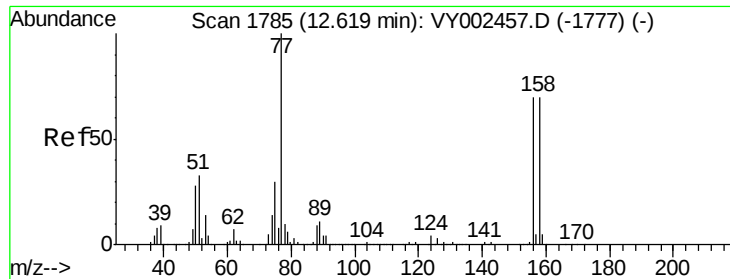
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

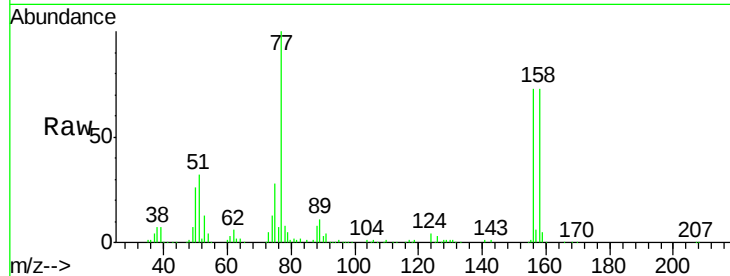




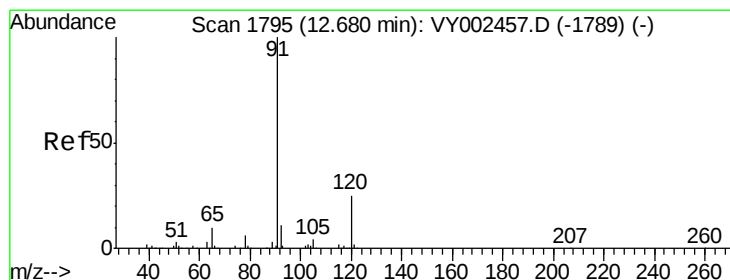
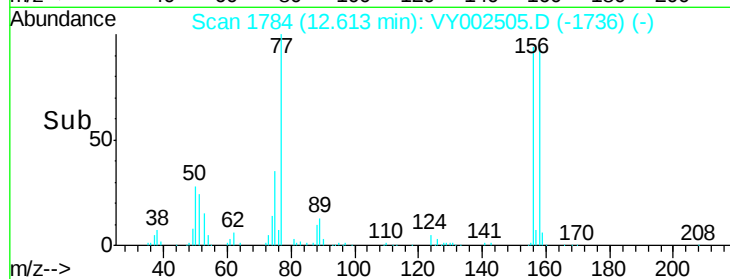
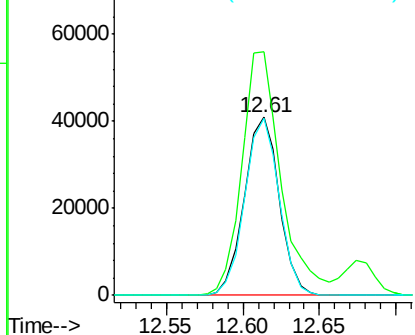
#77
Bromobenzene
Concen: 17.752 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion:156 Resp: 64995
Ion Ratio Lower Upper
156 100
77 153.1 78.5 235.7
158 97.8 48.4 145.3

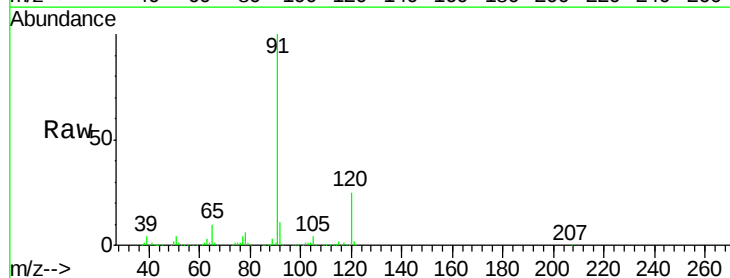


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

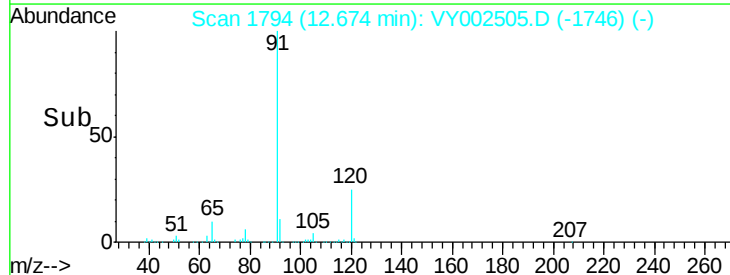
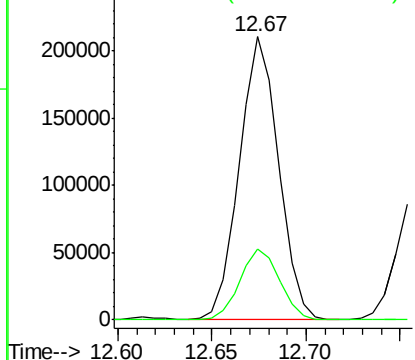


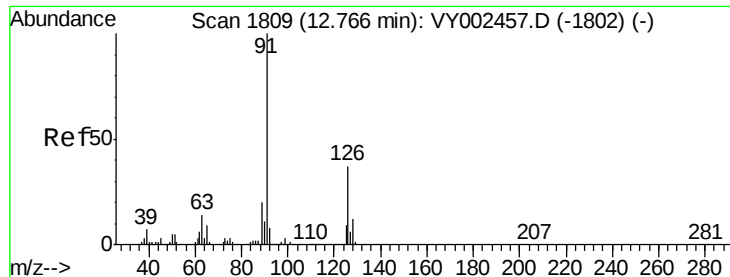
#78
n-propylbenzene
Concen: 17.936 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion: 91 Resp: 304016
Ion Ratio Lower Upper
91 100
120 25.3 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: 17.853 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

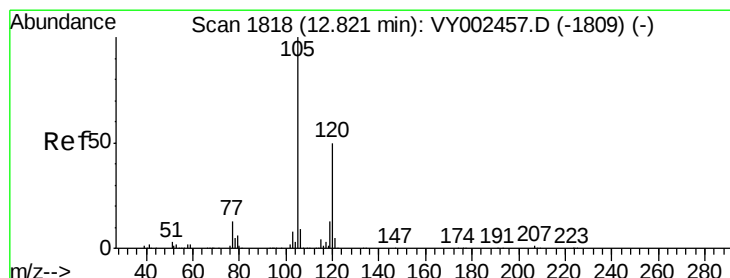
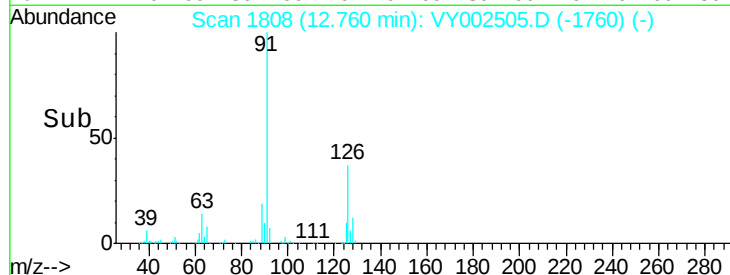
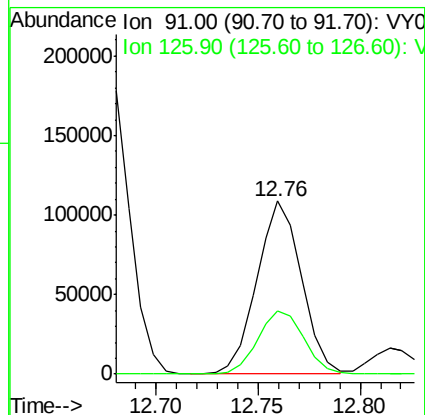
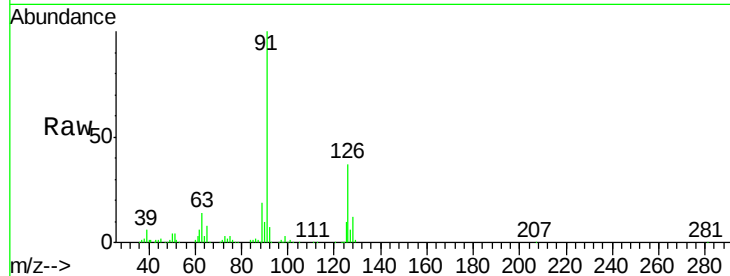
VY0429SBS01

Tot Ion: 91 Resp: 165593

Ion Ratio Lower Upper

91 100

126 37.9 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 18.049 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002505.D

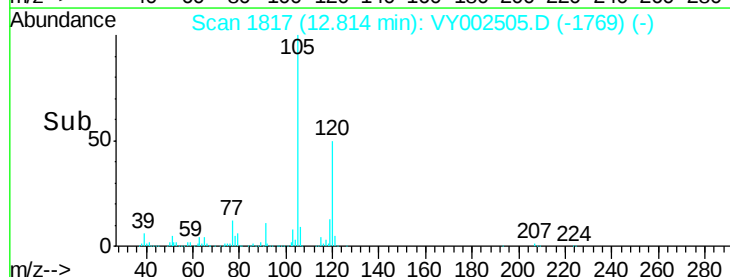
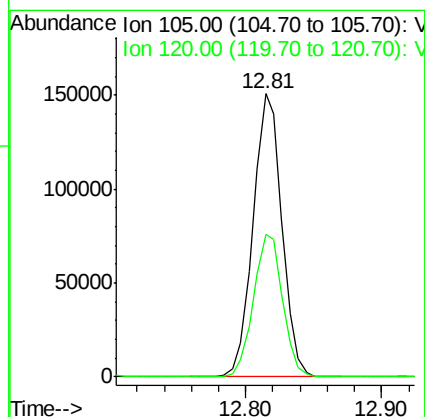
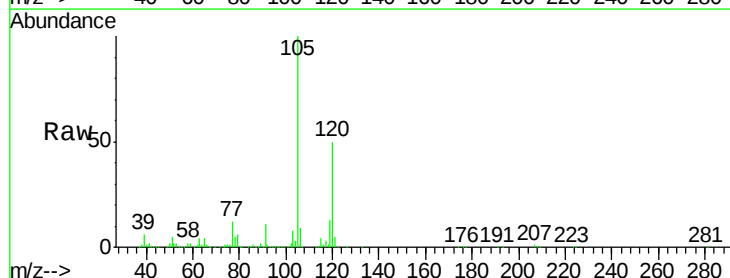
Acq: 29 Apr 2020 13:46

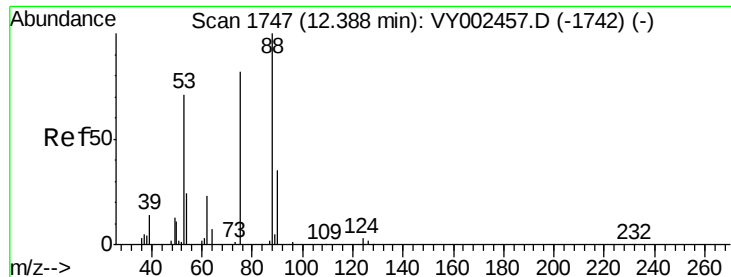
Tgt Ion:105 Resp: 223635

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 14.674 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

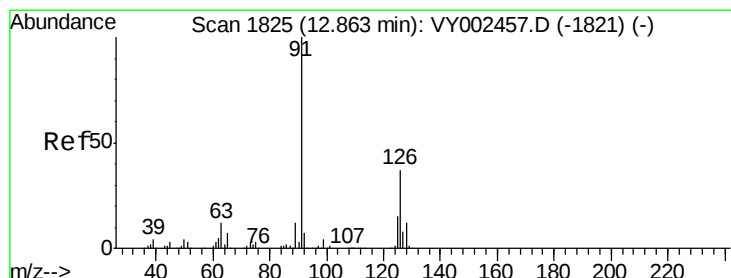
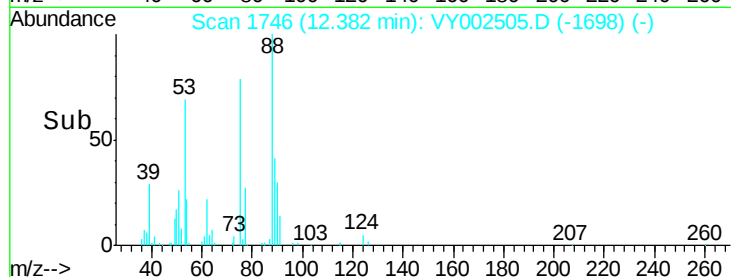
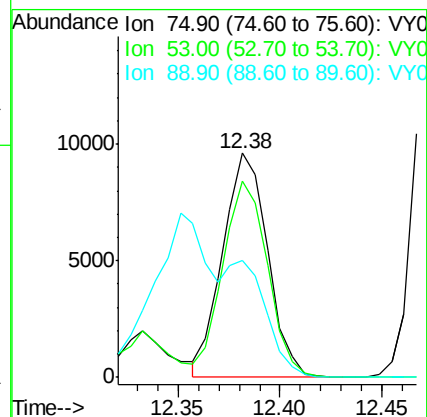
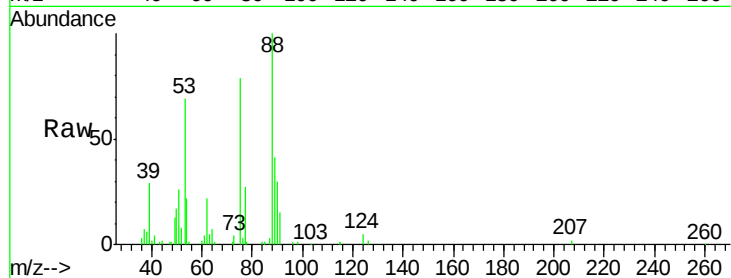
Tot Ion: 75 Resp: 14676

Ion Ratio Lower Upper

75 100

53 87.4 70.0 105.0

89 0.0 34.9 52.3#



#82

4-Chlorotoluene

Concen: 18.368 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002505.D

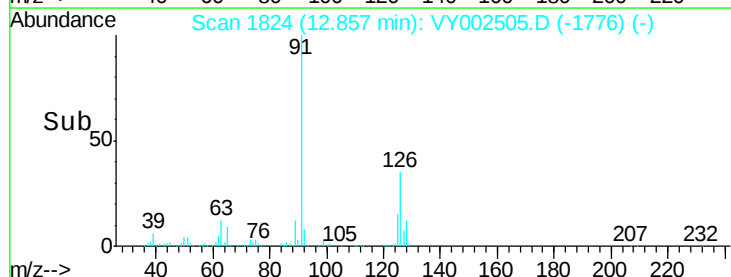
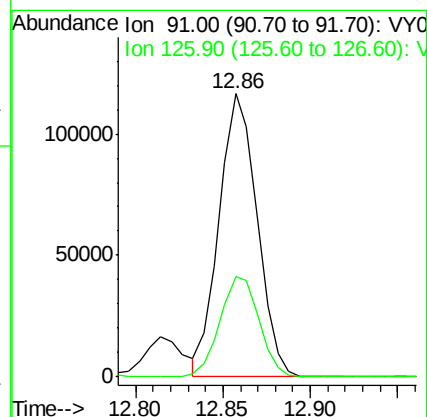
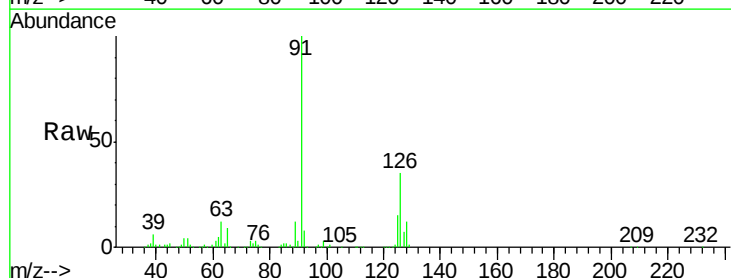
Acq: 29 Apr 2020 13:46

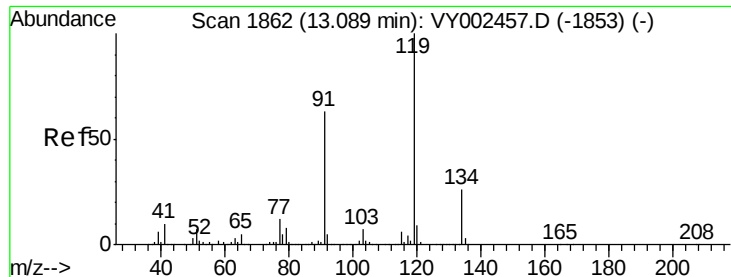
Tgt Ion: 91 Resp: 176079

Ion Ratio Lower Upper

91 100

126 36.6 18.5 55.5

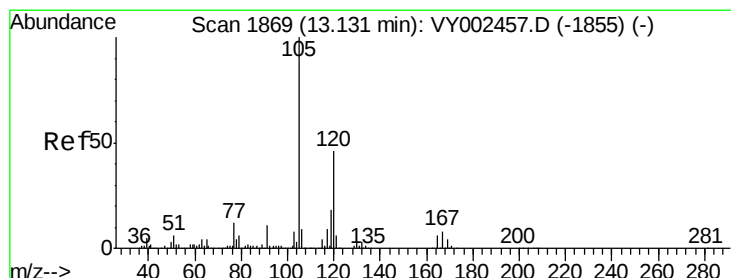
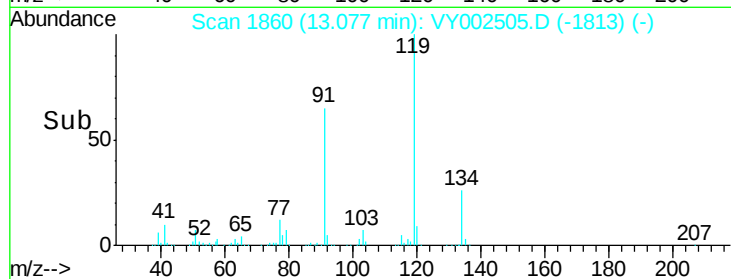
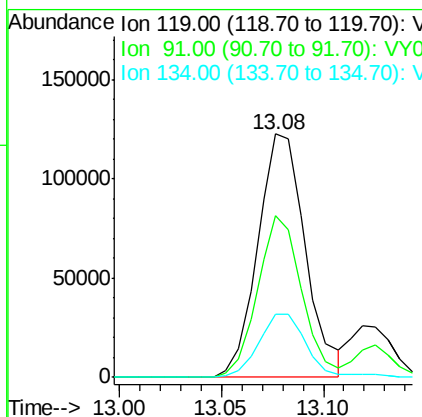
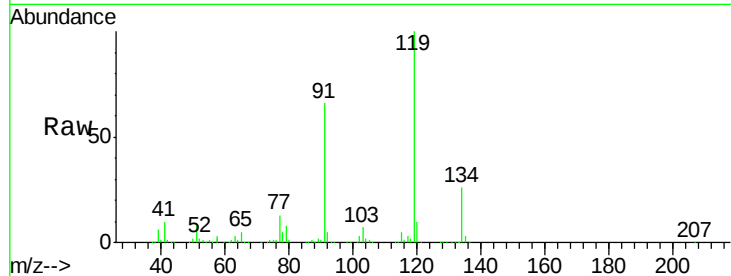




#83
 tert-Butylbenzene
 Concen: 18.574 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

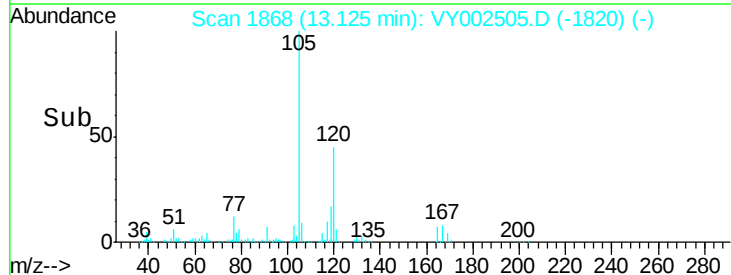
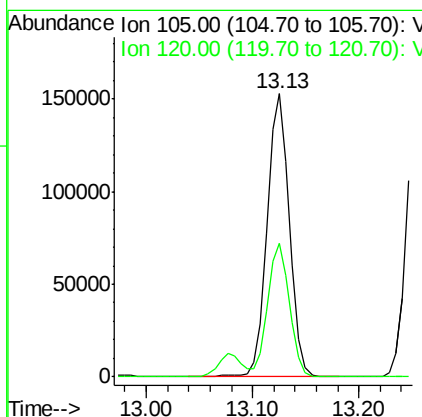
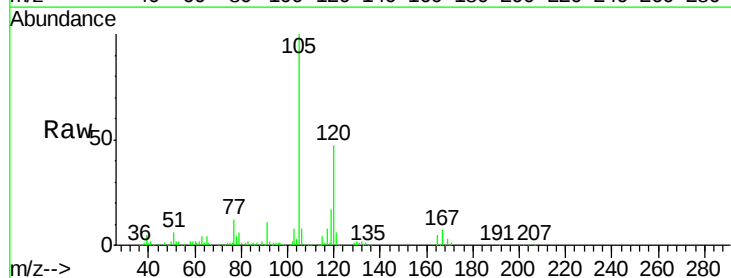
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

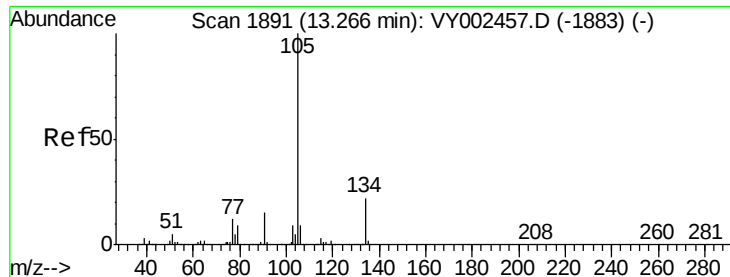
Tot Ion:119 Resp: 199850
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.3
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.768 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion:105 Resp: 223109
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.681 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

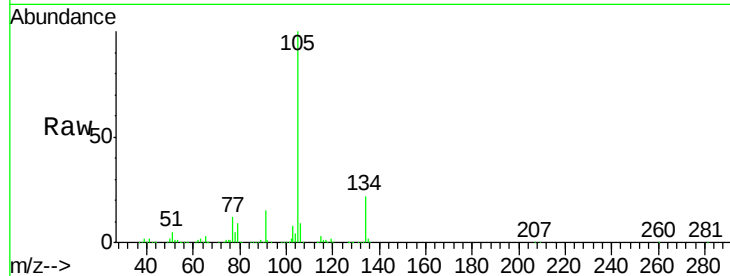
VY0429SBS01

Tot Ion:105 Resp: 269147

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

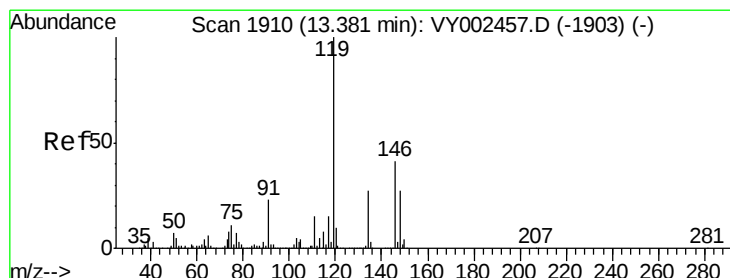
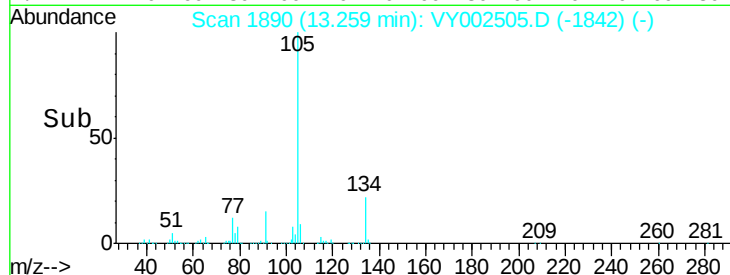
50000

0

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 18.458 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

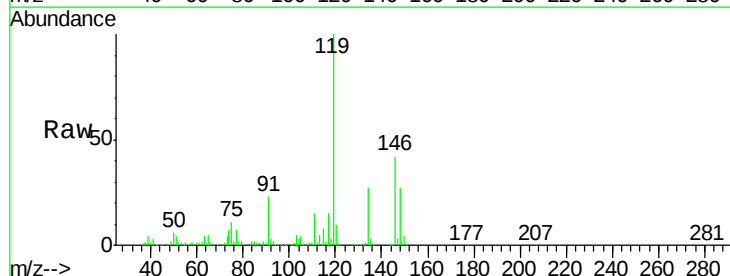
Tgt Ion:119 Resp: 253611

Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.5

91 22.8 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

200000

150000

100000

50000

0

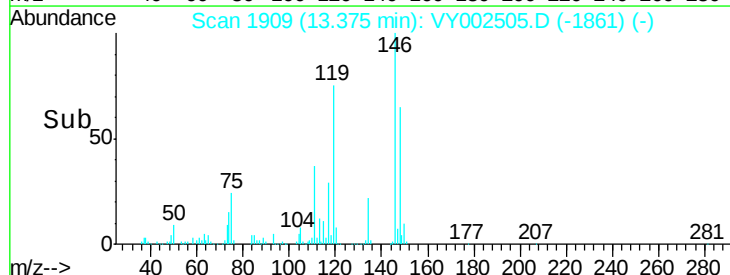
13.30

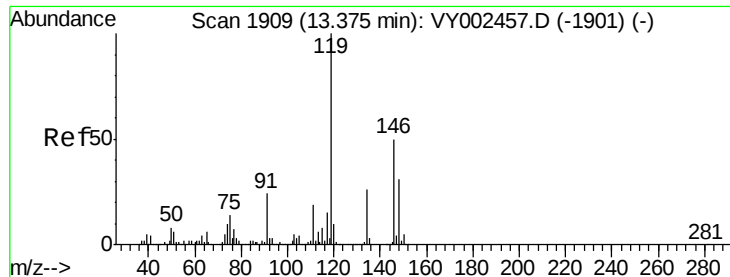
13.35

13.40

13.45

Time-->

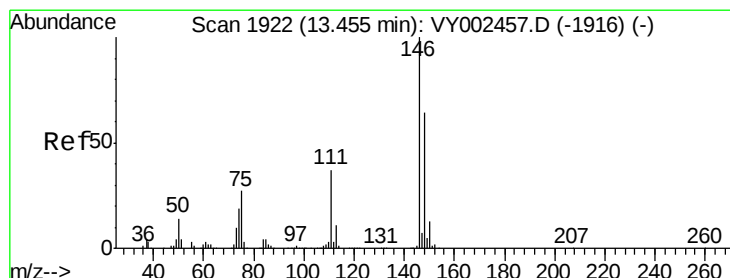
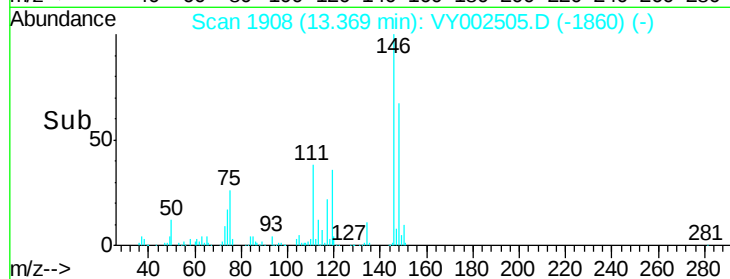
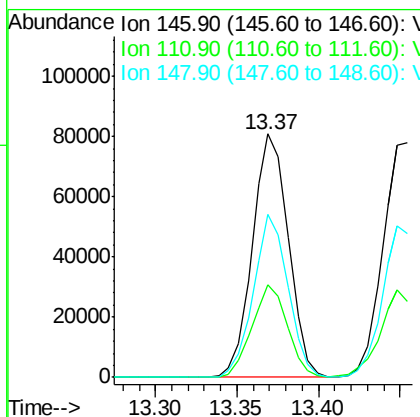
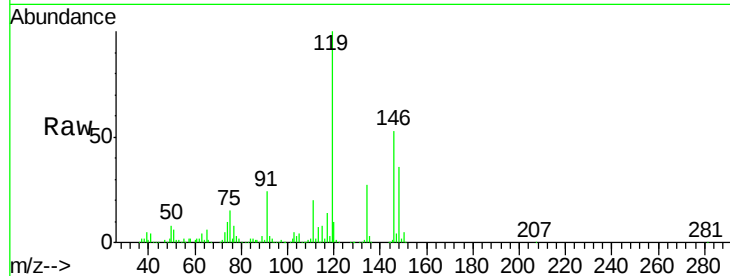




#87
 1,3-Dichlorobenzene
 Concen: 18.343 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

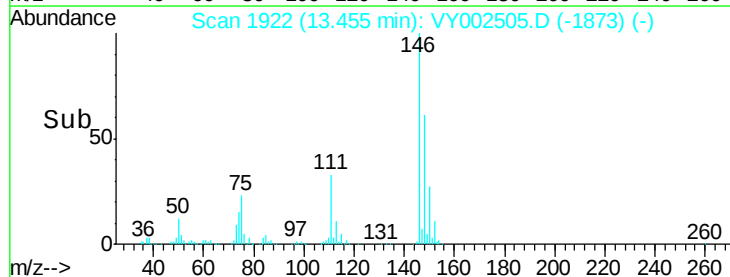
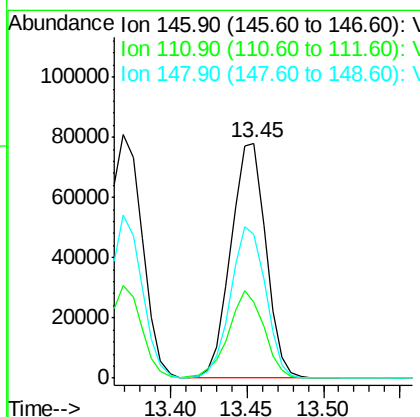
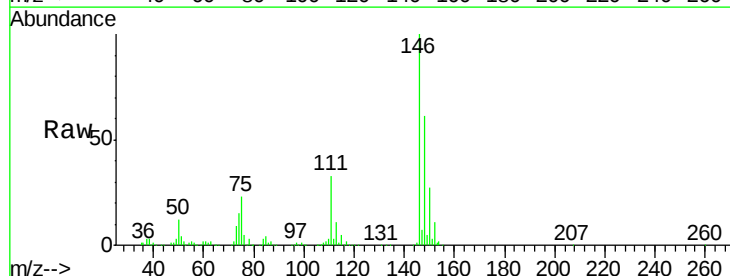
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

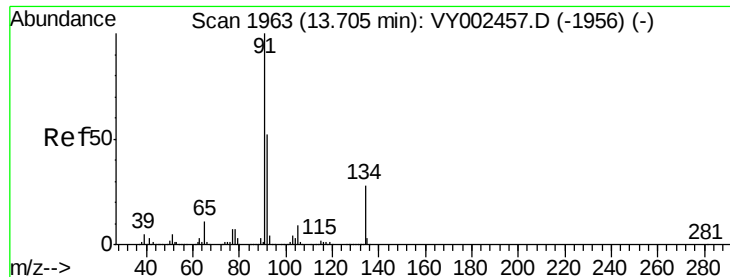
Tot Ion:146 Resp: 124219
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.3
 148 64.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.341 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion:146 Resp: 123505
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 16.563 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

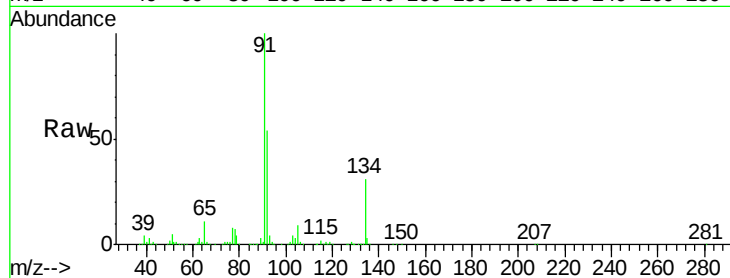
Tot Ion: 91 Resp: 209932

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

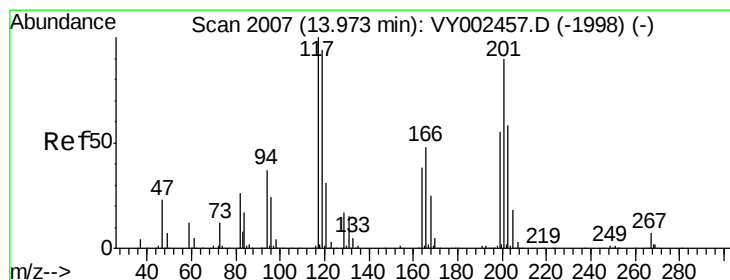
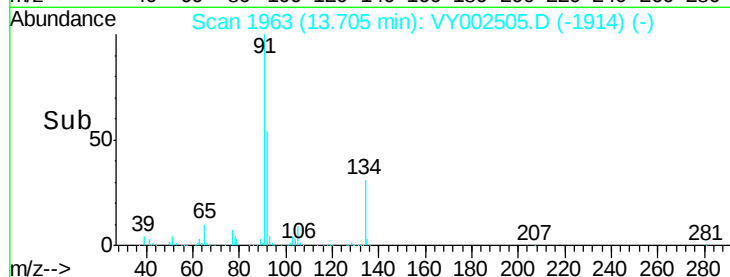
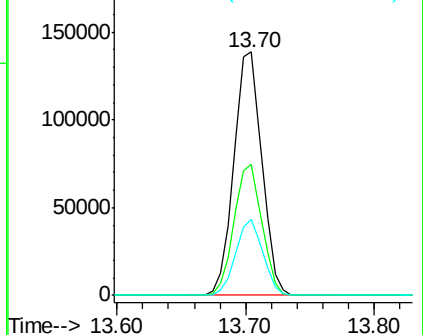
134 30.0 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002505.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002505.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002505.D (-1914) (-)



#90

Hexachloroethane

Concen: 18.037 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002505.D

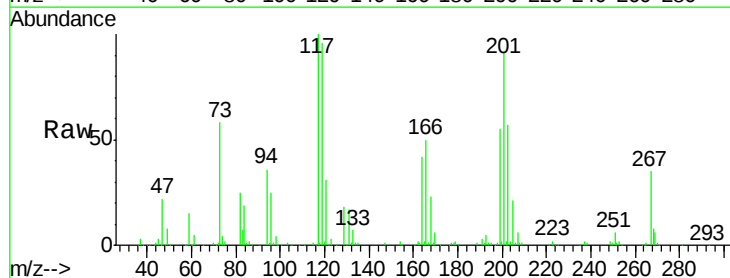
Acq: 29 Apr 2020 13:46

Tgt Ion: 117 Resp: 44794

Ion Ratio Lower Upper

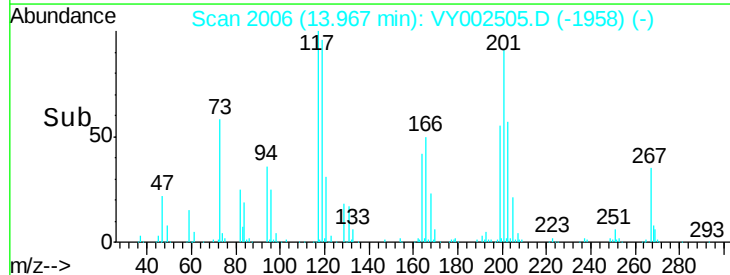
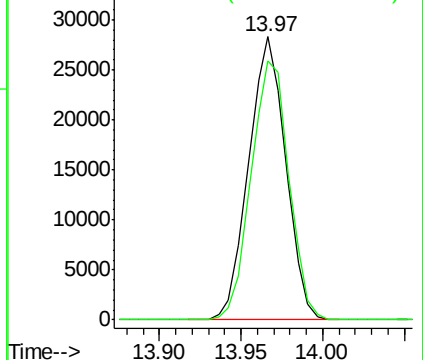
117 100

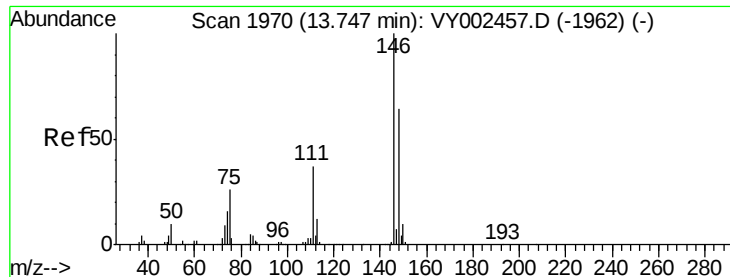
201 93.2 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): VY002505.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY002505.D (-1958) (-)





#91

1,2-Dichlorobenzene

Concen: 18.848 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

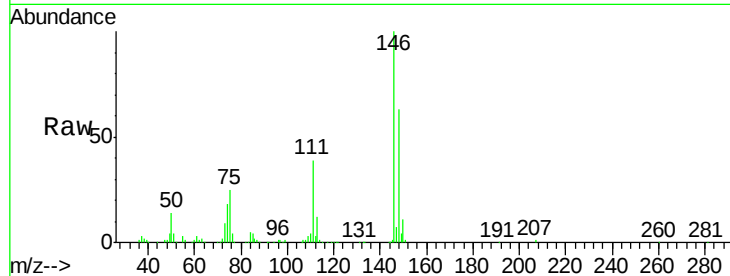
Tot Ion:146 Resp: 109921

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.9

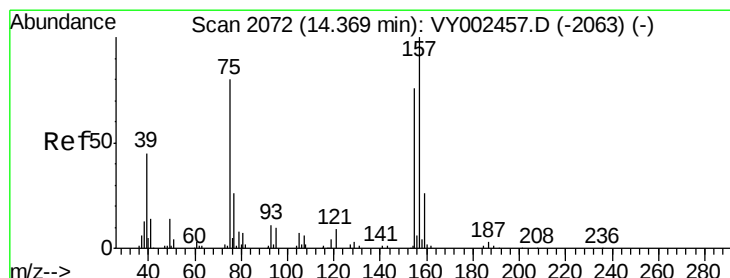
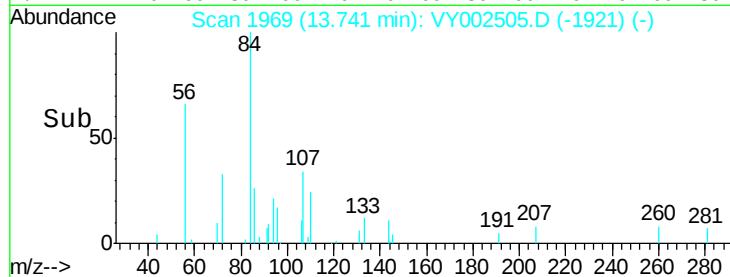
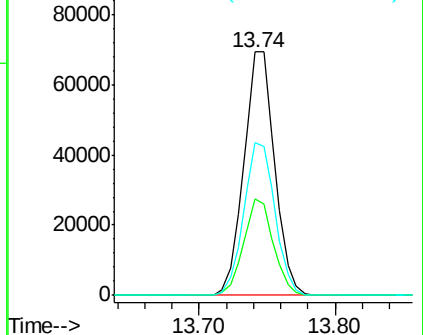
148 63.5 31.6 94.7



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: 14.126 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY002505.D

Acq: 29 Apr 2020 13:46

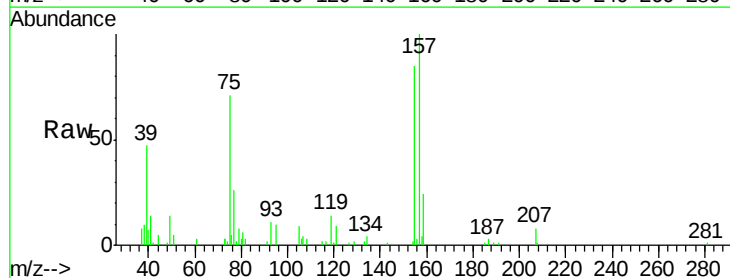
Tgt Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

155 110.8 49.6 149.0

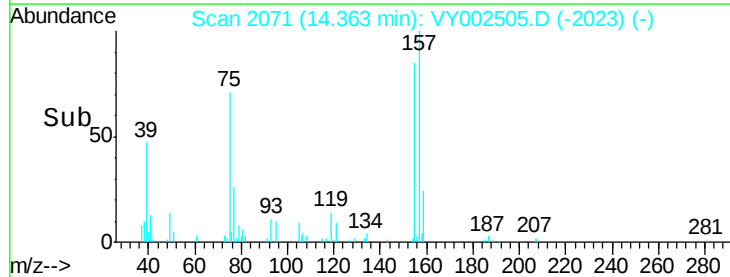
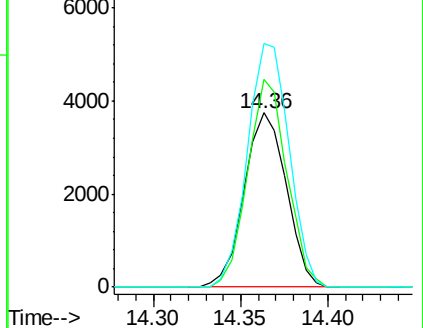
157 137.7 62.6 187.9

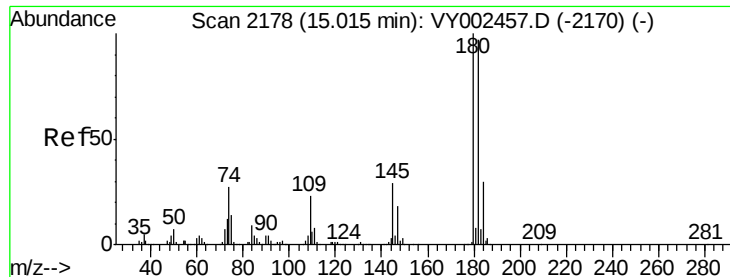


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

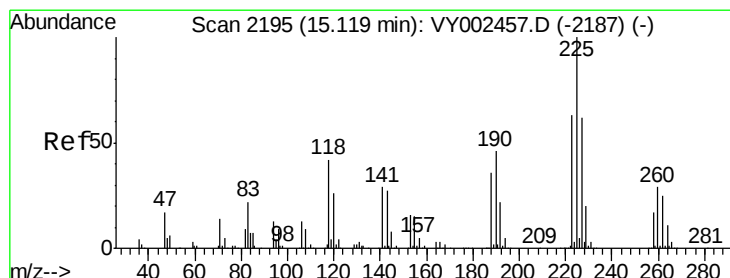
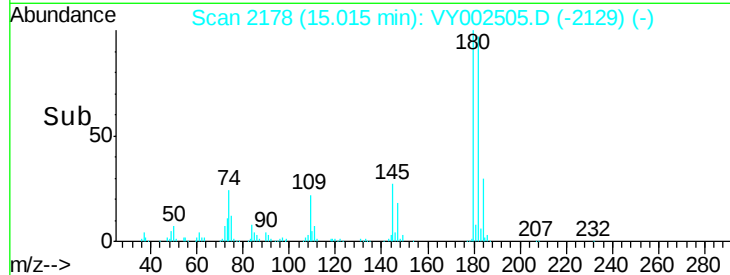
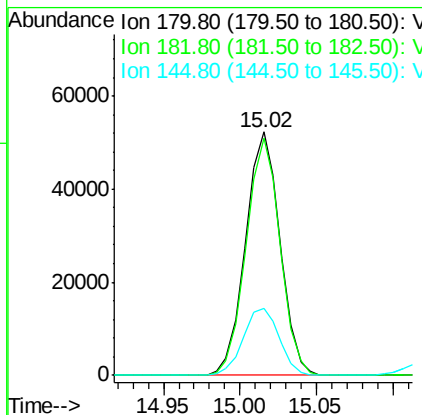
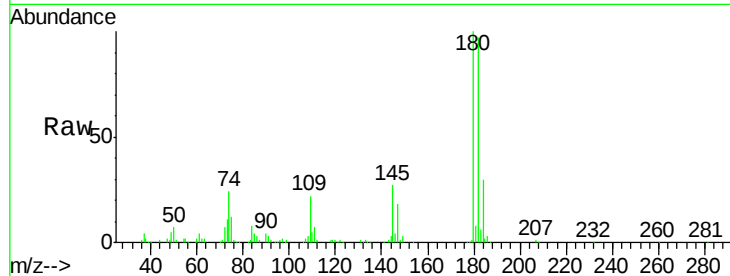




#93
 1,2,4-Trichlorobenzene
 Concen: 17.736 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

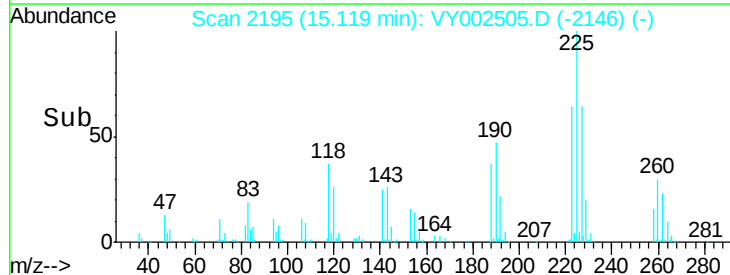
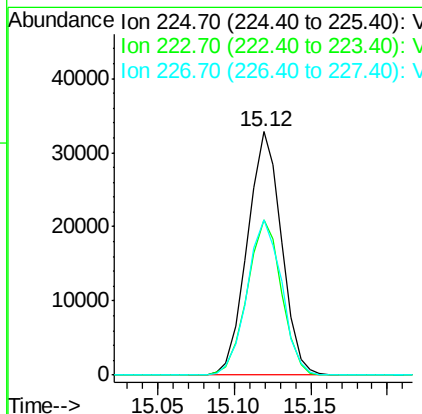
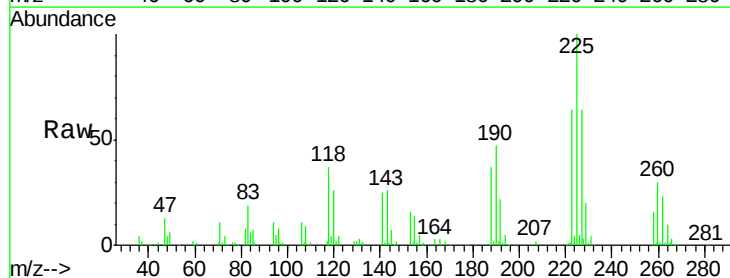
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

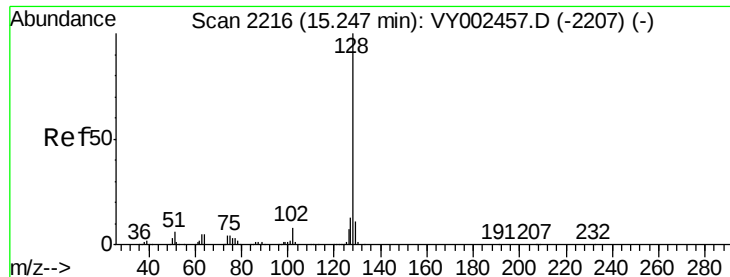
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.7
145	28.7	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.324 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002505.D
 Acq: 29 Apr 2020 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.1	93.3
227	65.0	31.5	94.5

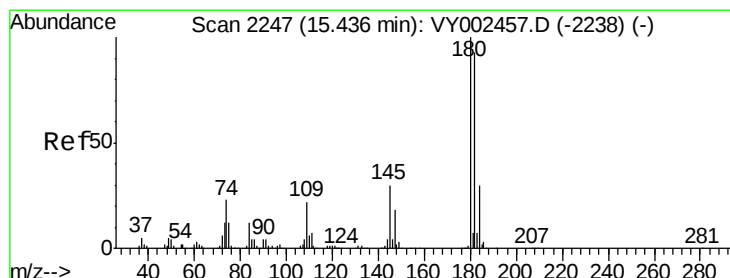
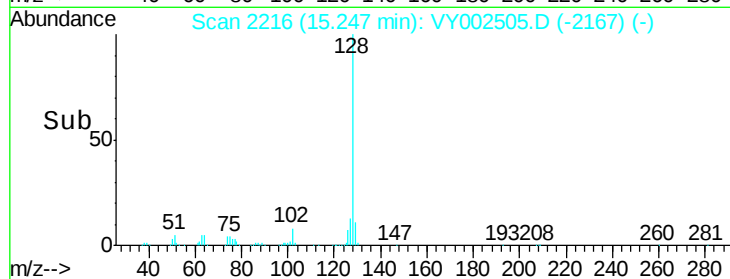
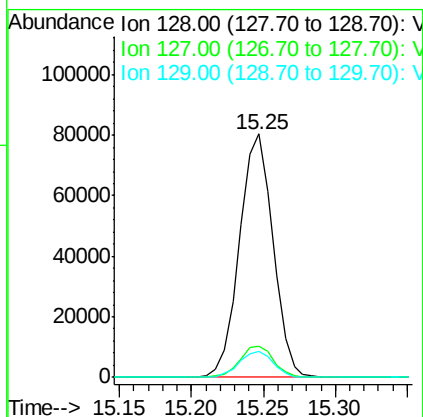
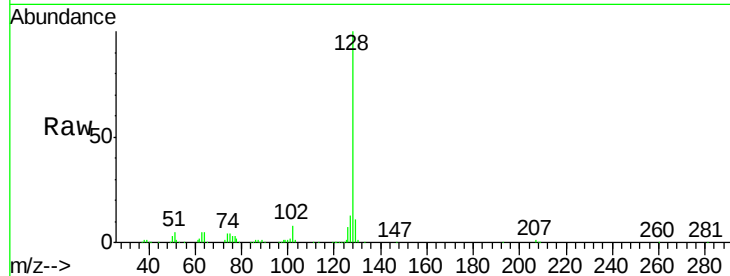




#95
Naphthalene
Concen: 15.209 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tot Ion:128 Resp: 129827
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.191 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002505.D
Acq: 29 Apr 2020 13:46

Tgt Ion:180 Resp: 67115
Ion Ratio Lower Upper
180 100
182 97.4 47.5 142.6
145 31.0 15.3 45.9

