

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002941.D
 Acq On : 19 Jun 2020 16:37
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Quant Time: Jun 20 03:56:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	382235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	559167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	148082	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.72	113	154150	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.18	98	613962	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.48	95	208435	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43512	17.856	ug/l	99
3) Chloromethane	2.12	50	49529	17.901	ug/l	99
4) Vinyl Chloride	2.26	62	55452	18.666	ug/l	96
5) Bromomethane	2.65	94	38779	17.691	ug/l	95
6) Chloroethane	2.79	64	35011	18.221	ug/l	95
7) Trichlorofluoromethane	3.13	101	98574	18.478	ug/l	96
8) Diethyl Ether	3.54	74	35293	18.336	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59020	18.371	ug/l	100
10) Methyl Iodide	4.10	142	71221	16.012	ug/l	99
11) Tert butyl alcohol	4.97	59	30369	77.927	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	57308	17.988	ug/l	95
13) Acrolein	3.74	56	28102	88.602	ug/l	100
14) Allyl chloride	4.49	41	85054	18.510	ug/l	99
15) Acrylonitrile	5.18	53	86237	93.418	ug/l	99
16) Acetone	3.96	43	69589	88.992	ug/l	98
17) Carbon Disulfide	4.20	76	153090	16.253	ug/l	100
18) Methyl Acetate	4.49	43	42206	19.108	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	161290	18.588	ug/l	97
20) Methylene Chloride	4.72	84	78412	16.200	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	64672	18.283	ug/l	99
22) Diisopropyl ether	6.12	45	183205	19.528	ug/l	96
23) Vinyl Acetate	6.07	43	564743	93.062	ug/l	98
24) 1,1-Dichloroethane	6.03	63	104139	18.737	ug/l	100
25) 2-Butanone	7.00	43	107146	91.440	ug/l	98
26) 2,2-Dichloropropane	6.99	77	98613	18.998	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	73707	18.644	ug/l	99
28) Bromochloromethane	7.34	49	43264	18.618	ug/l	99
29) Tetrahydrofuran	7.35	42	68959	91.108	ug/l	99
30) Chloroform	7.51	83	109303	18.777	ug/l	97
31) Cyclohexane	7.79	56	95907	17.691	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	101482	18.920	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84023	18.502	ug/l	99
37) Ethyl Acetate	7.08	43	46516	18.447	ug/l	99
38) Carbon Tetrachloride	7.91	117	93540	18.691	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105989	17.705	ug/l	99
40) Benzene	8.16	78	251334	18.590	ug/l	99
41) Methacrylonitrile	7.35	41	63119	49.998	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	69755	18.589	ug/l	100
43) Isopropyl Acetate	8.28	43	85593	18.228	ug/l	99
44) Trichloroethene	8.94	130	78081	18.645	ug/l	97
45) 1,2-Dichloropropane	9.22	63	62444	19.206	ug/l	100
46) Dibromomethane	9.31	93	36571	18.838	ug/l	98
47) Bromodichloromethane	9.50	83	85892	18.951	ug/l	99
48) Methyl methacrylate	9.29	41	39476	18.736	ug/l	98
49) 1,4-Dioxane	9.31	88	10663	374.765	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	229667	92.298	ug/l	100
52) Toluene	10.24	92	164823	18.837	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	92652	18.809	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	105242	18.875	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	54967	18.986	ug/l	97
56) Ethyl methacrylate	10.51	69	73582	18.855	ug/l	99
57) 1,3-Dichloropropane	10.79	76	91243	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	173651	89.339	ug/l	99
59) 2-Hexanone	10.83	43	162190	92.711	ug/l	100
60) Dibromochloromethane	10.99	129	70570	19.114	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53339	18.571	ug/l	100
64) Tetrachloroethene	10.72	164	79786	18.492	ug/l	99
65) Chlorobenzene	11.52	112	185190	18.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	70750	19.097	ug/l	99
67) Ethyl Benzene	11.59	91	320111	18.934	ug/l	99
68) m/p-Xylenes	11.70	106	246823	37.571	ug/l	100
69) o-Xylene	12.03	106	118765	19.178	ug/l	99
70) Styrene	12.05	104	202564	18.932	ug/l	99
71) Bromoform	12.20	173	46898	18.912	ug/l #	98
73) Isopropylbenzene	12.33	105	319610	19.002	ug/l	100
74) N-amyl acetate	12.14	43	80413	18.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	59110	18.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	84337	35.286	ug/l #	100
77) Bromobenzene	12.61	156	84102	19.098	ug/l	100
78) n-propylbenzene	12.67	91	371549	19.041	ug/l	100
79) 2-Chlorotoluene	12.75	91	208237	19.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	267117	19.050	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23584	18.839	ug/l	97
82) 4-Chlorotoluene	12.85	91	218996	19.053	ug/l	100
83) tert-Butylbenzene	13.08	119	239591	19.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270091	19.143	ug/l	100
85) sec-Butylbenzene	13.25	105	326921	19.135	ug/l	100
86) p-Isopropyltoluene	13.37	119	309983	19.343	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	158983	19.153	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	156339	18.808	ug/l	98
89) n-Butylbenzene	13.70	91	278009	19.190	ug/l	100
90) Hexachloroethane	13.96	117	57529	19.273	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	145190	19.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10667	18.310	ug/l	98

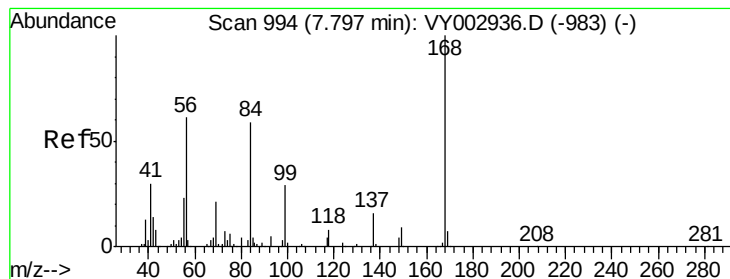
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	111384	19.648	ug/l	98
94) Hexachlorobutadiene	15.11	225	62742	19.202	ug/l	99
95) Naphthalene	15.23	128	214032	18.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96977	19.174	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

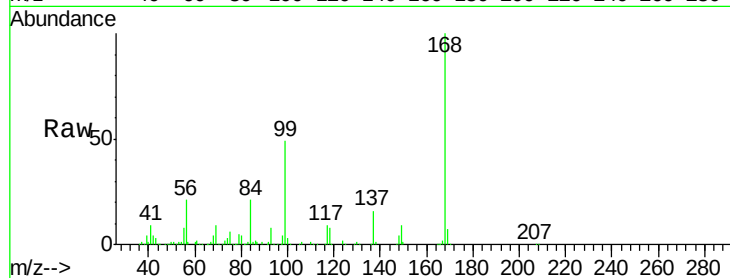
VY0619SBS01

Tgt Ion:168 Resp: 382235

Ion Ratio Lower Upper

168 100

99 48.6 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002941.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002941.D (-945) (-)

7.80

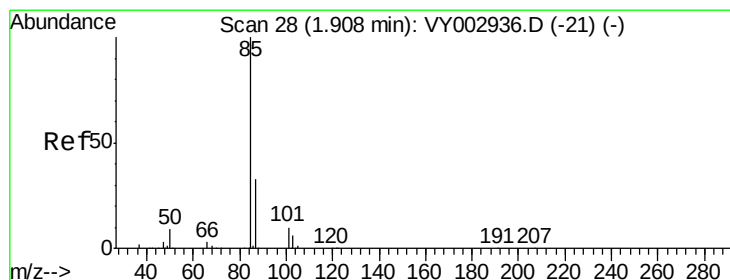
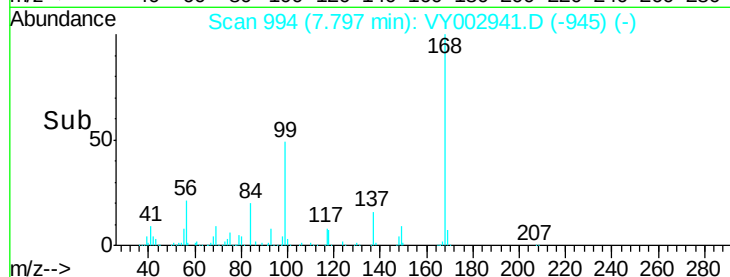
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.856 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002941.D

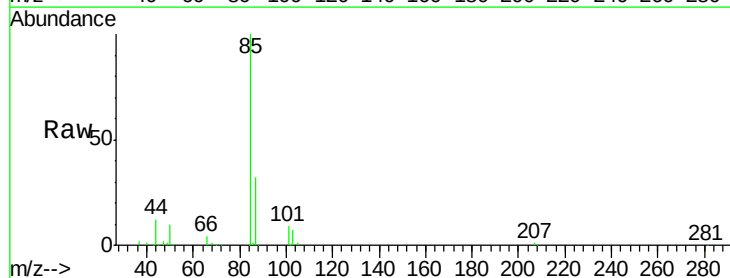
Acq: 19 Jun 2020 16:37

Tgt Ion: 85 Resp: 43512

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002941.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002941.D (-1) (-)

1.91

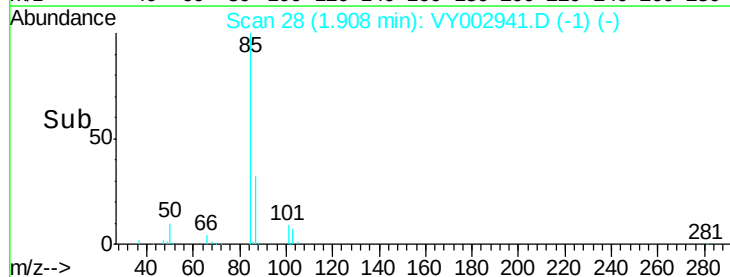
30000

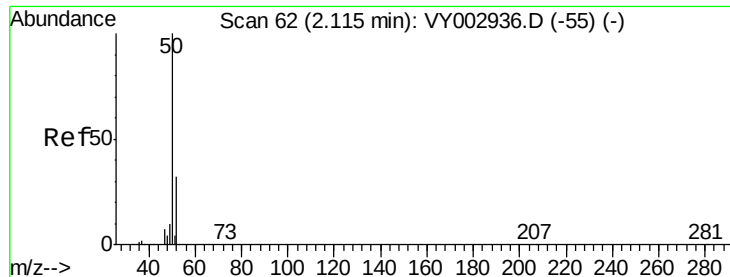
20000

10000

0

Time-->

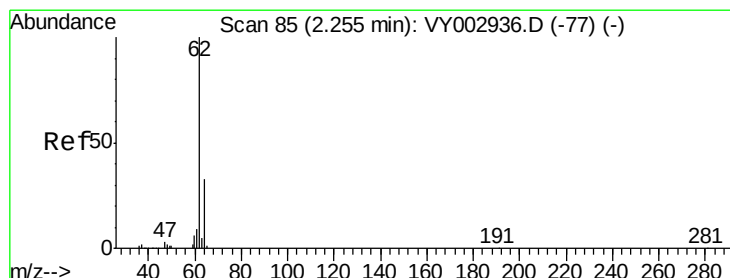
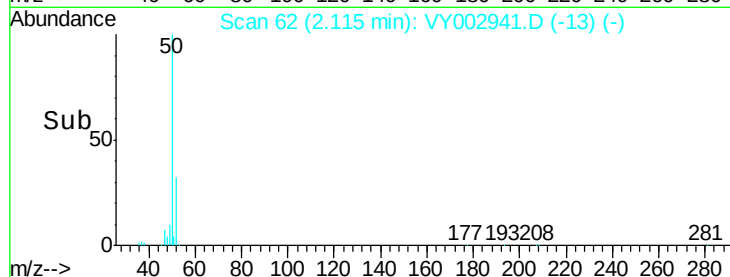
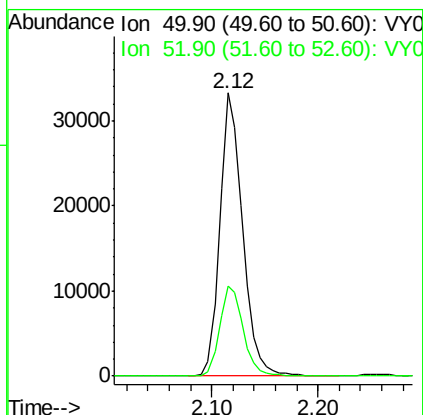
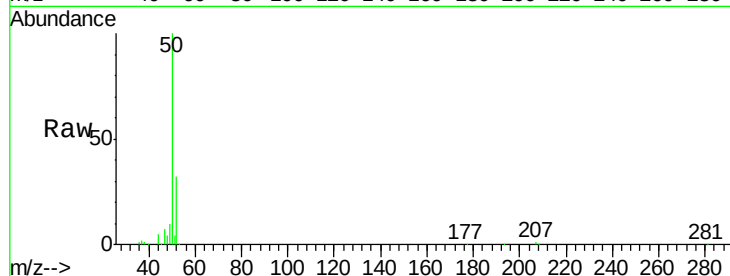




#3
Chloromethane
Concen: 17.901 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

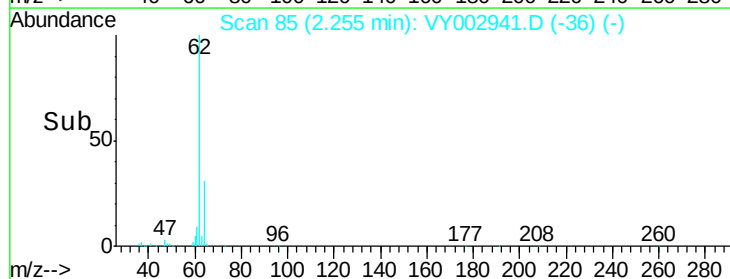
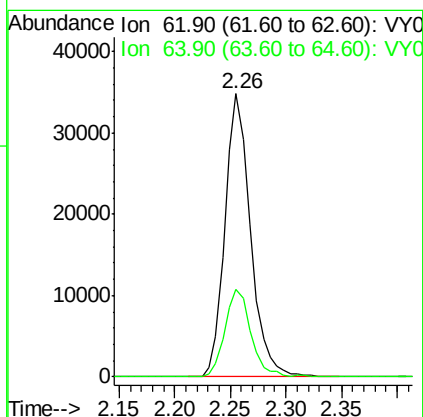
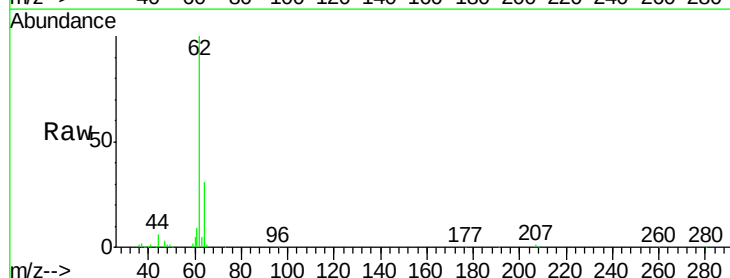
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

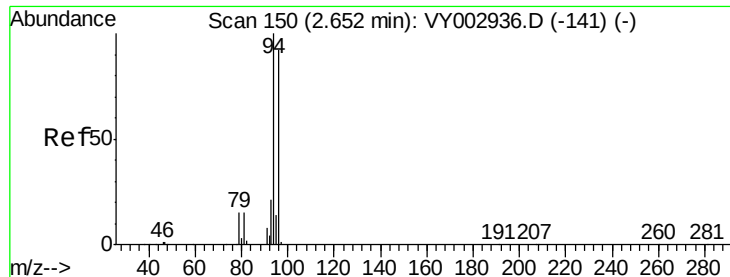
Tgt Ion: 50 Resp: 49529
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6



#4
Vinyl Chloride
Concen: 18.666 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 62 Resp: 55452
Ion Ratio Lower Upper
62 100
64 30.8 26.3 39.5





#5

Bromomethane

Concen: 17.691 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

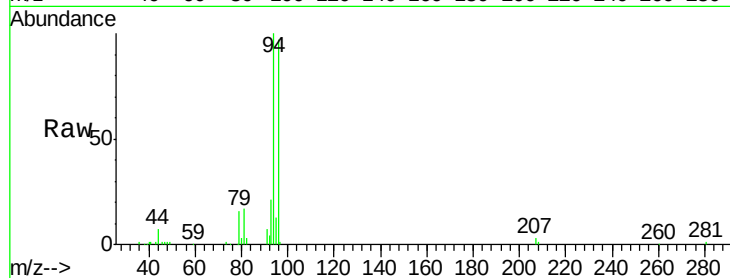
VY0619SBS01

Tgt Ion: 94 Resp: 38779

Ion Ratio Lower Upper

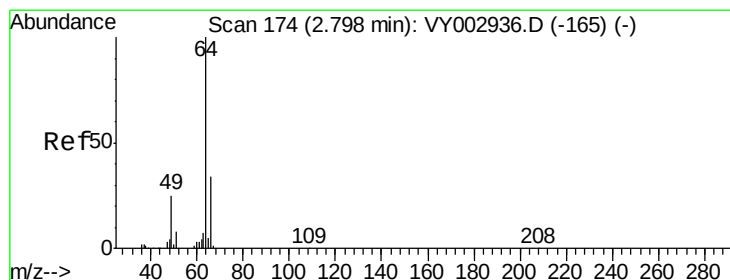
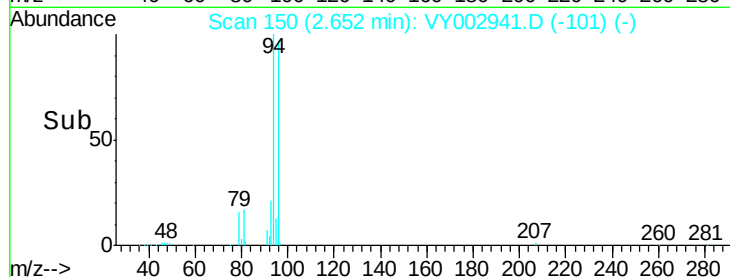
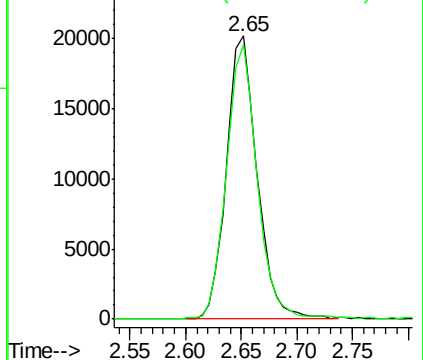
94 100

96 96.5 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.221 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002941.D

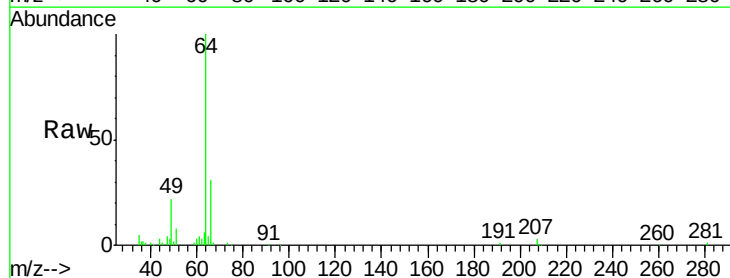
Acq: 19 Jun 2020 16:37

Tgt Ion: 64 Resp: 35011

Ion Ratio Lower Upper

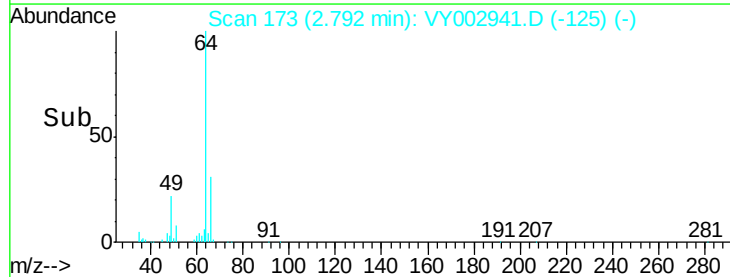
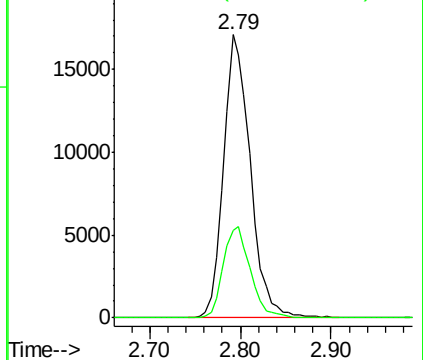
64 100

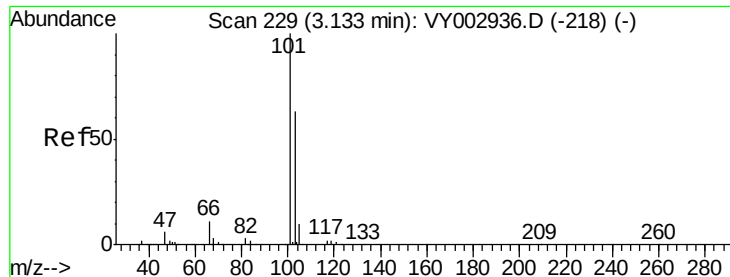
66 31.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



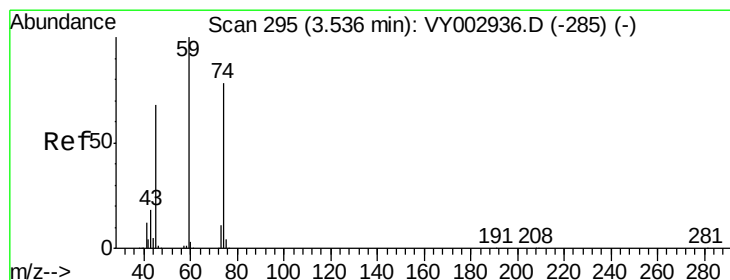
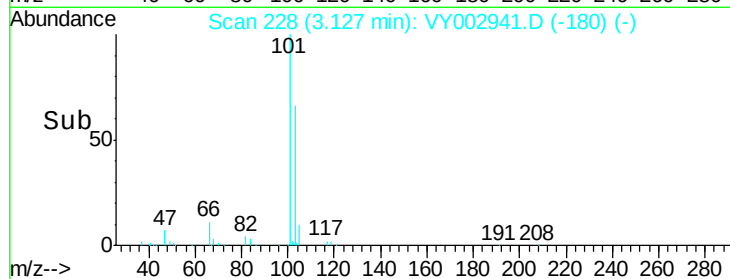
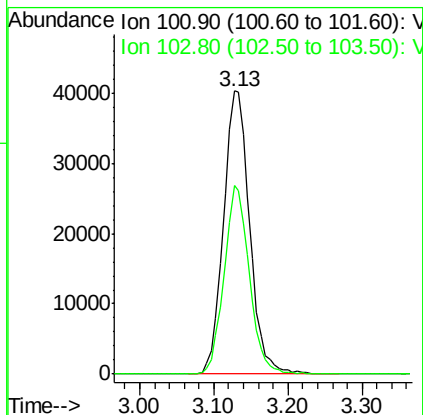
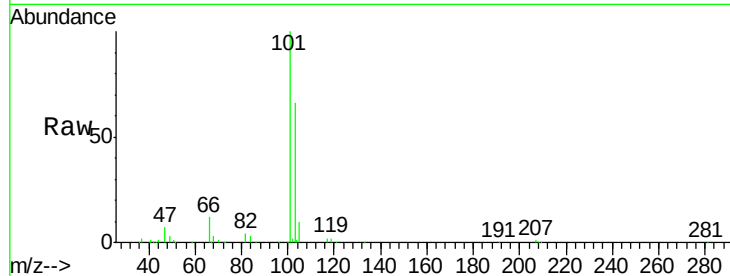


#7

Trichlorofluoromethane
 Concen: 18.478 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

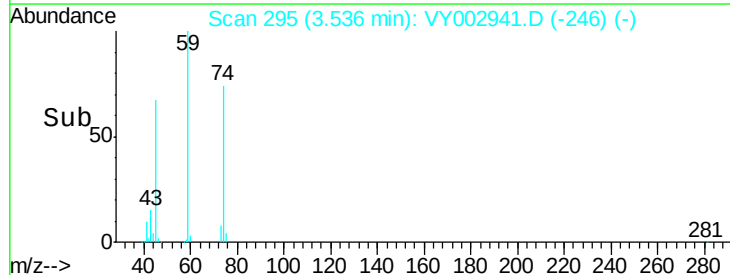
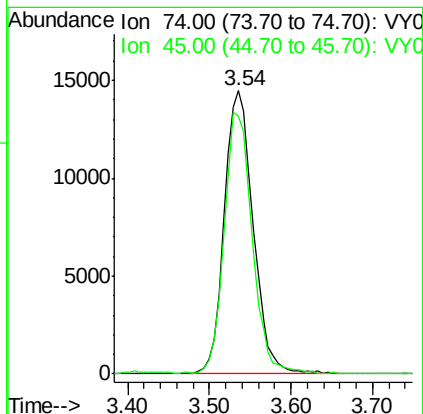
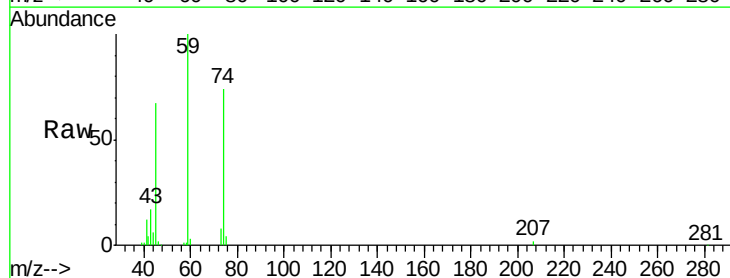
Tgt Ion:101 Resp: 98574
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.6 76.0

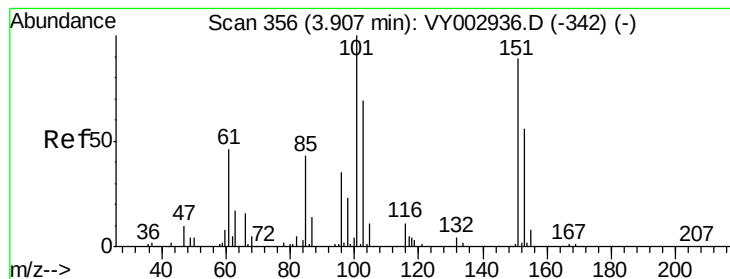


#8

Diethyl Ether
 Concen: 18.336 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 74 Resp: 35293
 Ion Ratio Lower Upper
 74 100
 45 90.5 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.371 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

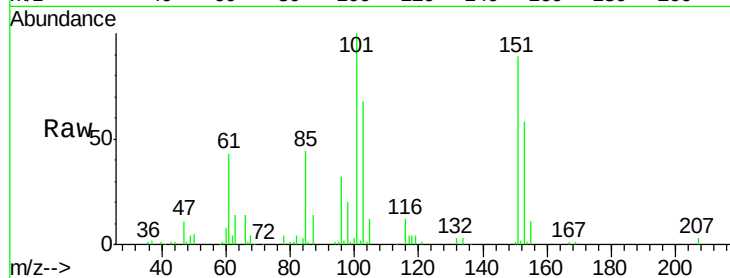
Tgt Ion:101 Resp: 59020

Ion Ratio Lower Upper

101 100

85 42.4 33.6 50.4

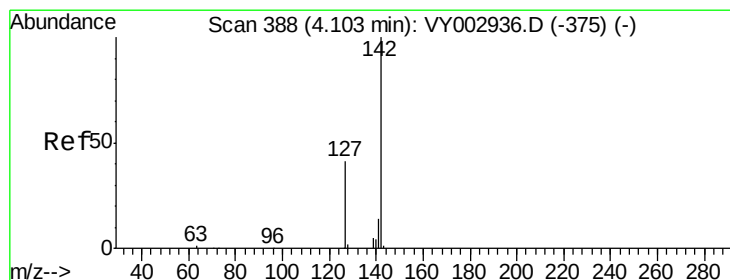
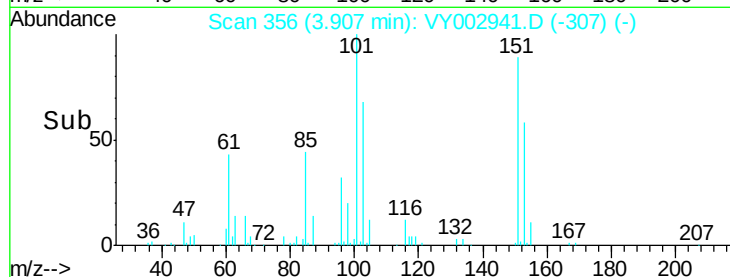
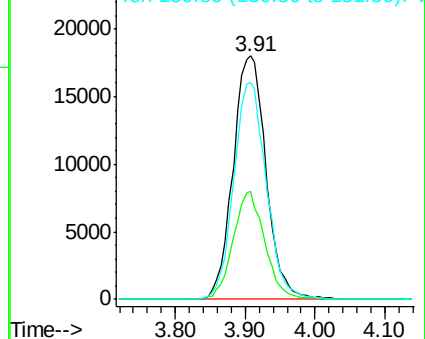
151 88.2 70.4 105.6



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: 16.012 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

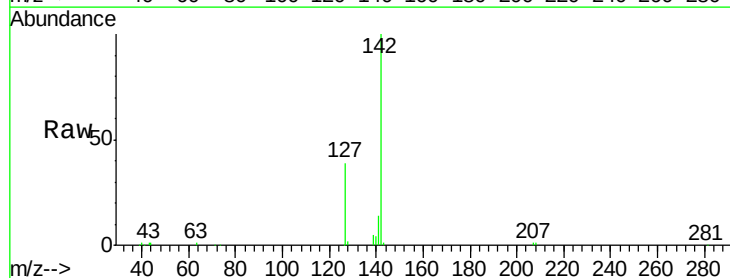
Tgt Ion:142 Resp: 71221

Ion Ratio Lower Upper

142 100

127 40.4 32.9 49.3

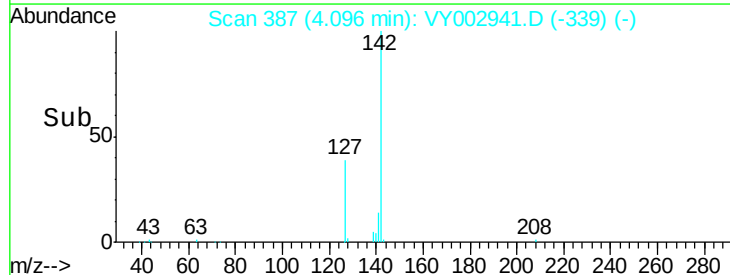
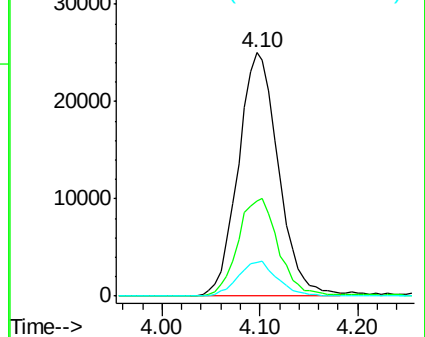
141 14.0 11.3 16.9

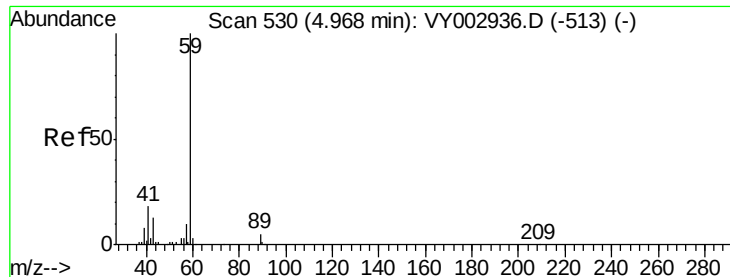


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



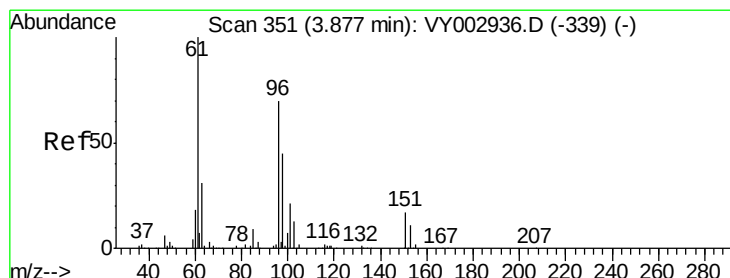
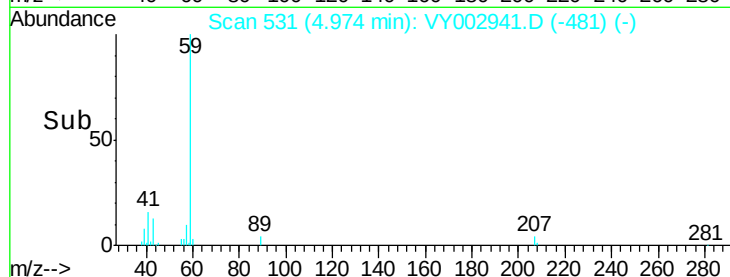
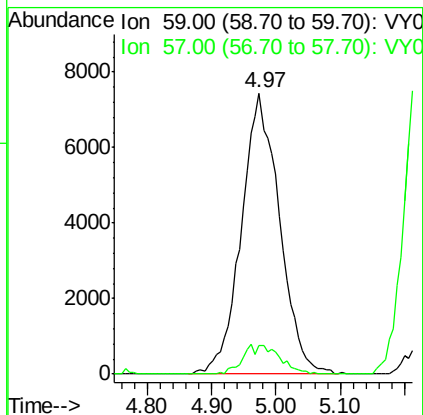
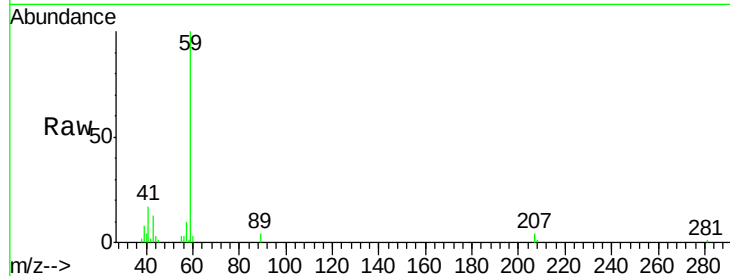


#11

Tert butyl alcohol
 Concen: 77.927 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

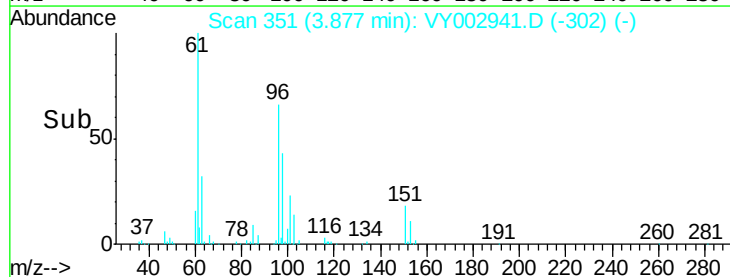
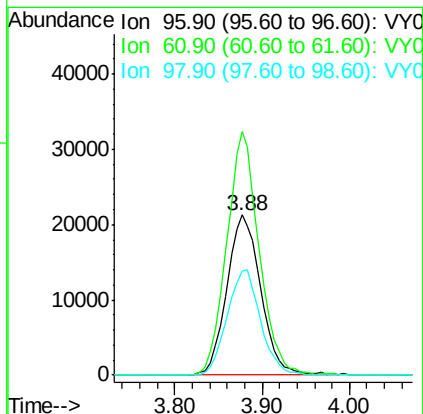
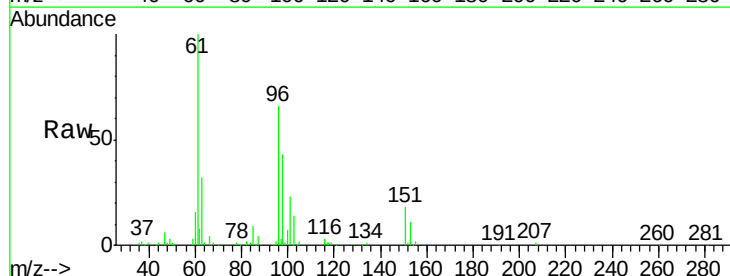
Tgt Ion: 59 Resp: 30369
 Ion Ratio Lower Upper
 59 100
 57 3.9 7.4 11.2#

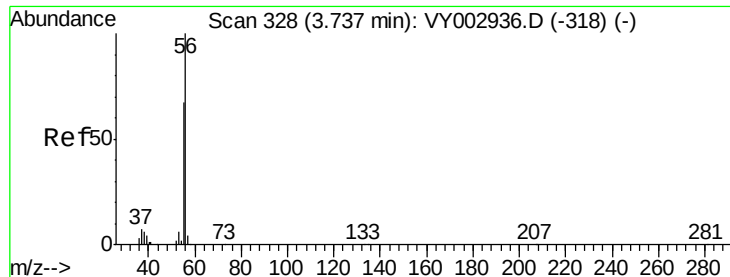


#12

1,1-Dichloroethene
 Concen: 17.988 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 96 Resp: 57308
 Ion Ratio Lower Upper
 96 100
 61 151.9 114.6 172.0
 98 64.6 51.4 77.0





#13

Acrolein

Concen: 88.602 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

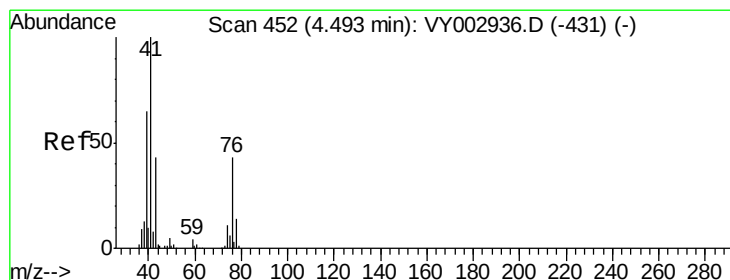
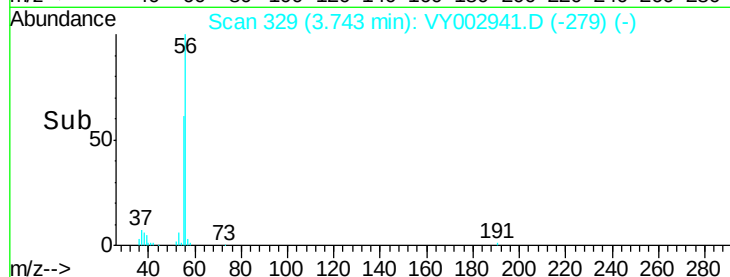
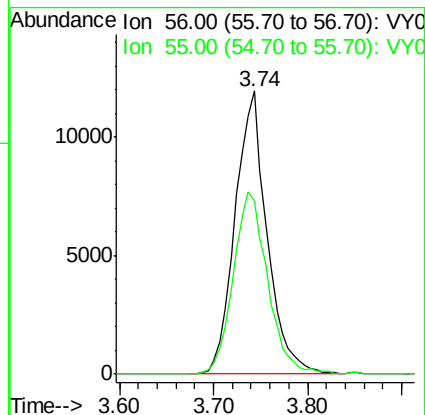
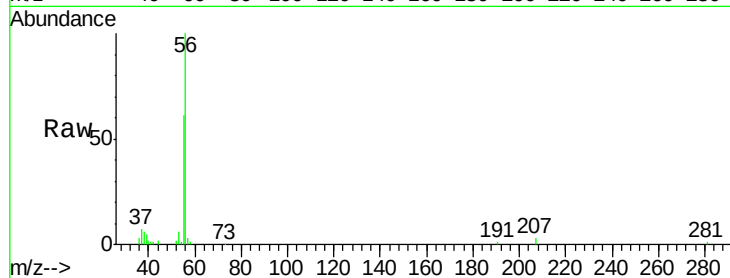
VY0619SBS01

Tgt Ion: 56 Resp: 28102

Ion Ratio Lower Upper

56 100

55 69.3 55.3 82.9



#14

Allyl chloride

Concen: 18.510 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

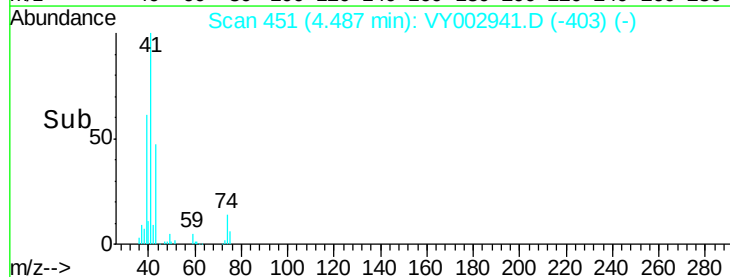
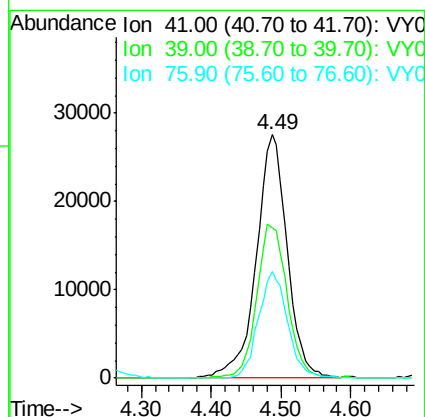
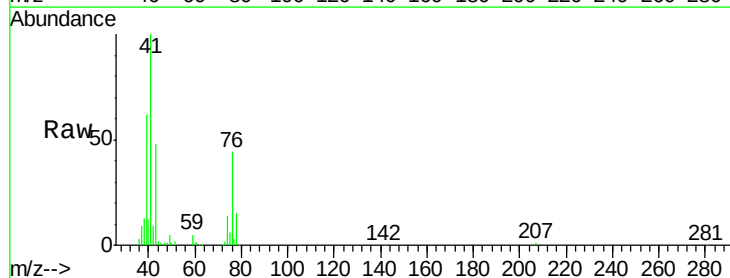
Tgt Ion: 41 Resp: 85054

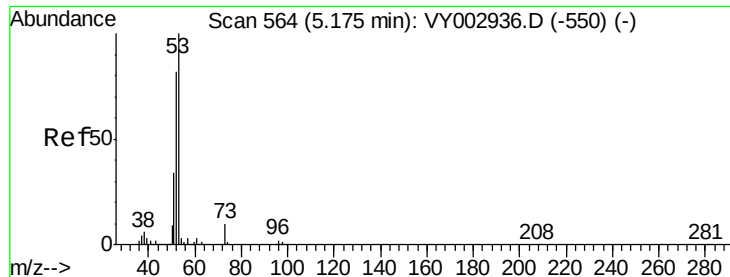
Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

76 41.0 33.3 49.9





#15

Acrylonitrile

Concen: 93.418 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

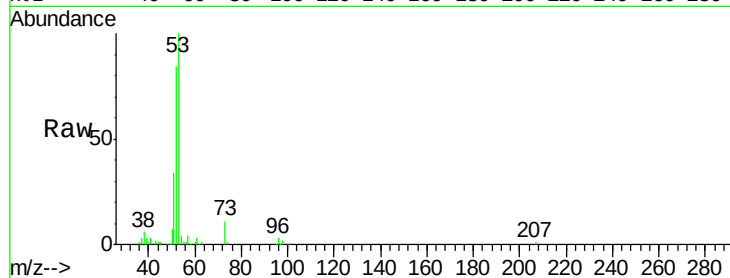
Tgt Ion: 53 Resp: 86237

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

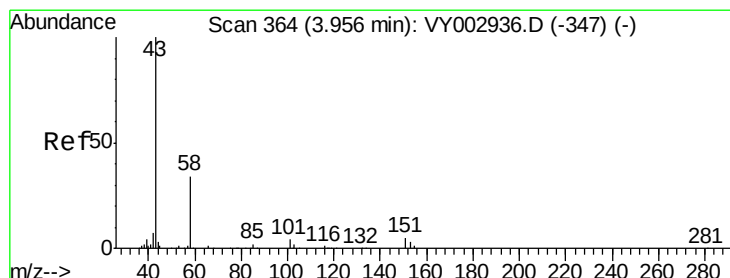
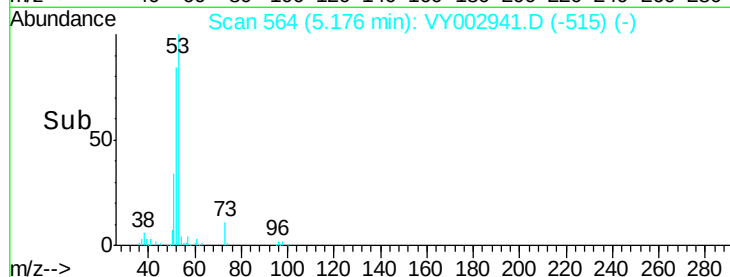
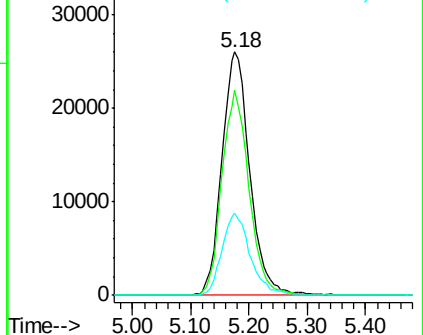
51 34.1 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 88.992 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002941.D

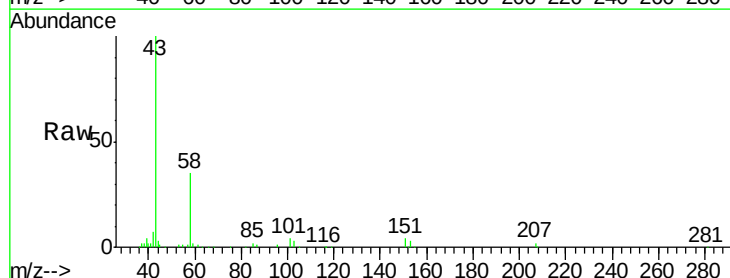
Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 69589

Ion Ratio Lower Upper

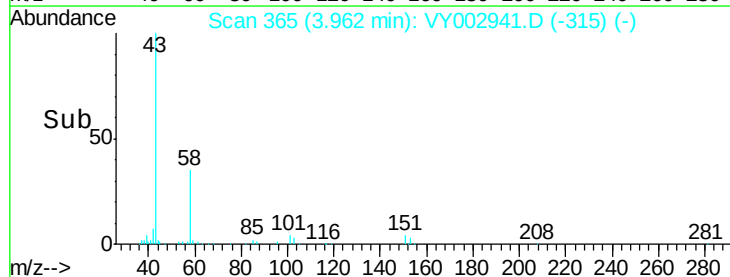
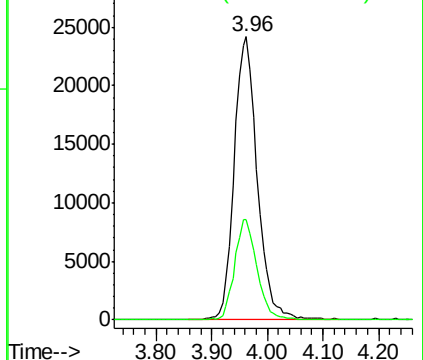
43 100

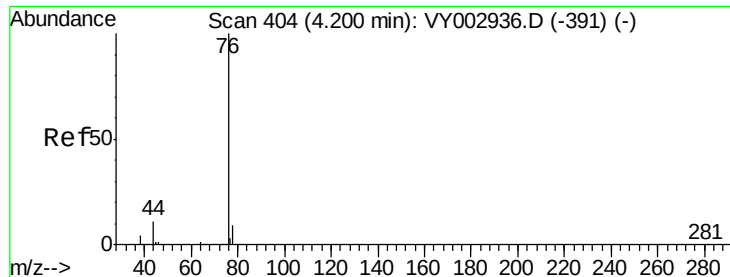
58 35.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

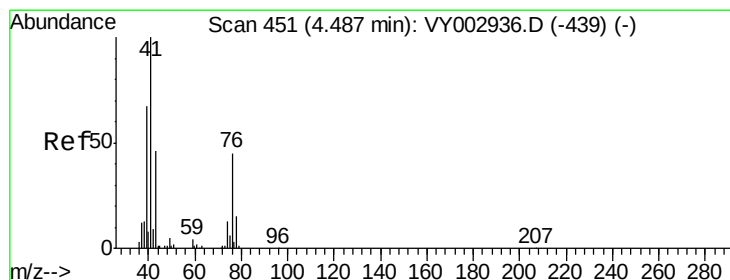
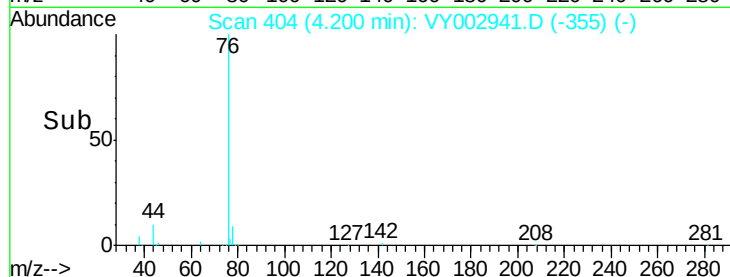
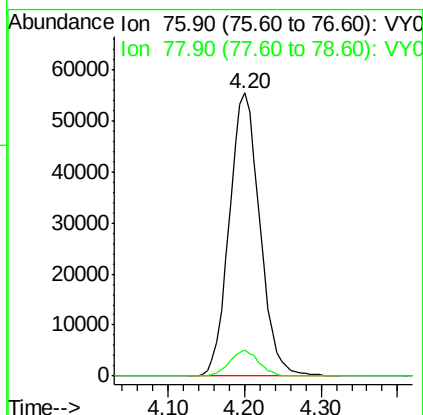
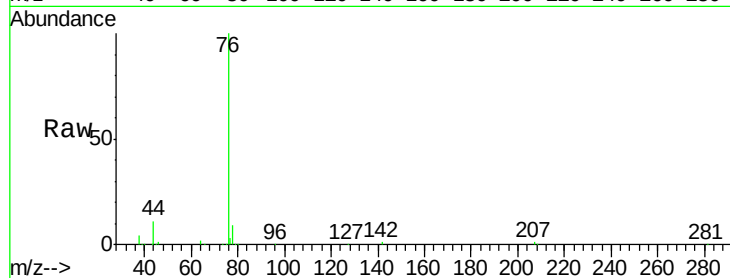




#17
Carbon Disulfide
Concen: 16.253 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

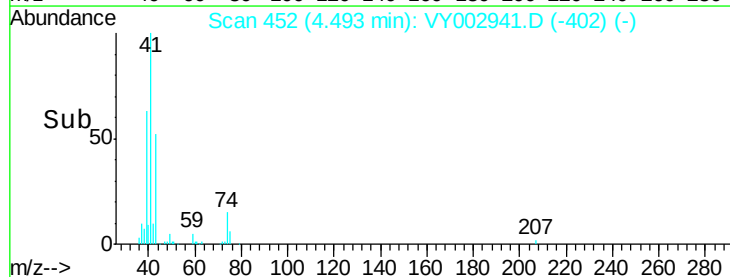
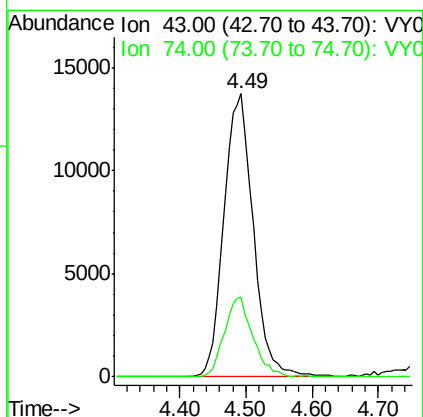
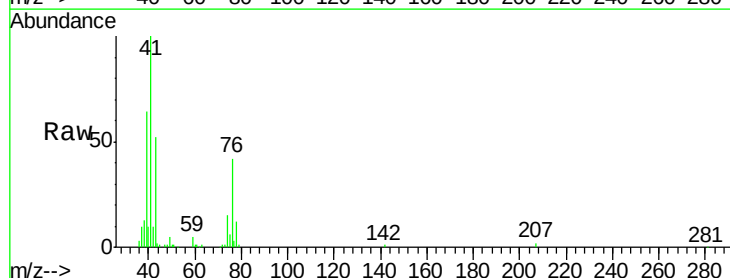
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

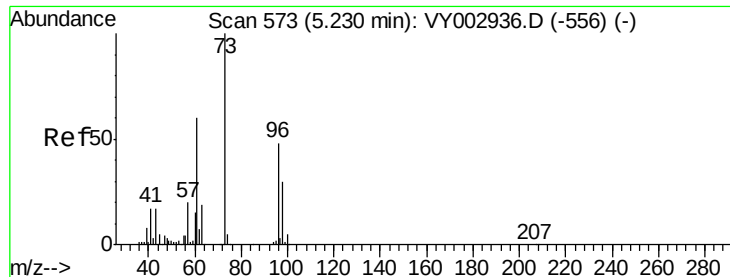
Tgt Ion: 76 Resp: 153090
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 19.108 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 42206
Ion Ratio Lower Upper
43 100
74 27.1 21.1 31.7

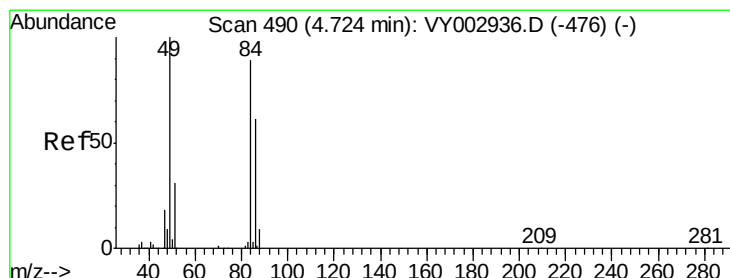
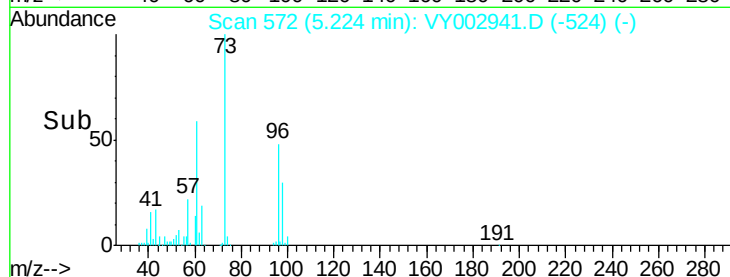
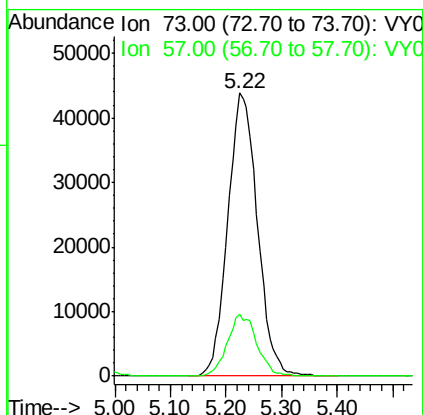
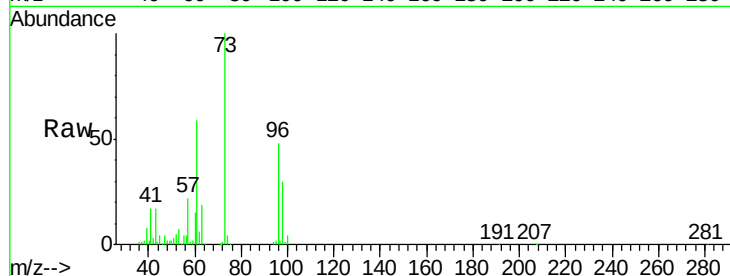




#19
Methyl tert-butyl Ether
Concen: 18.588 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

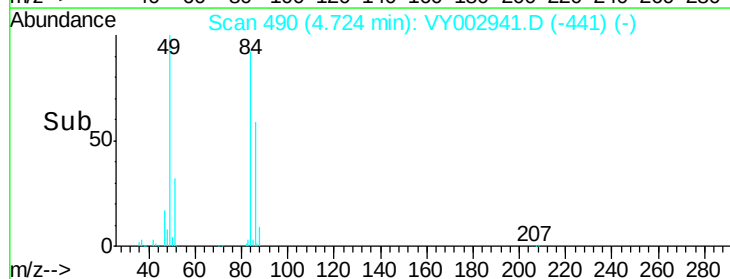
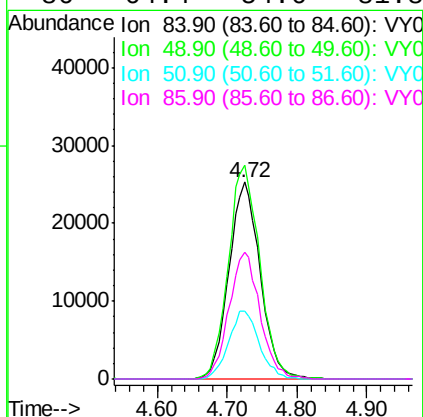
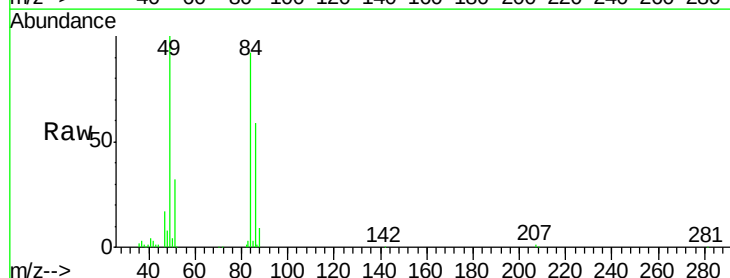
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

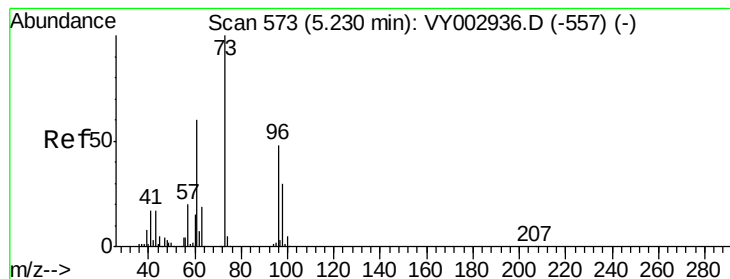
Tgt Ion: 73 Resp: 161290
Ion Ratio Lower Upper
73 100
57 22.0 16.4 24.6



#20
Methylene Chloride
Concen: 16.200 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 84 Resp: 78412
Ion Ratio Lower Upper
84 100
49 108.5 90.0 135.0
51 34.7 27.9 41.9
86 64.4 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 18.283 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

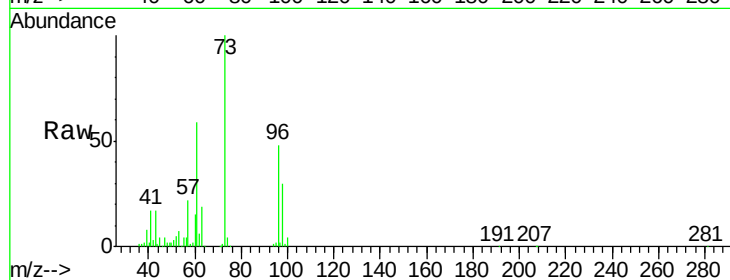
Tgt Ion: 96 Resp: 64672

Ion Ratio Lower Upper

96 100

61 124.6 100.6 150.8

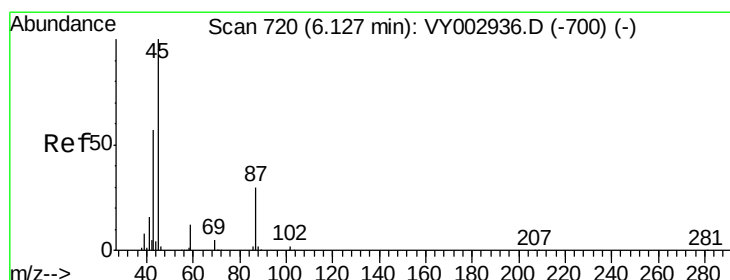
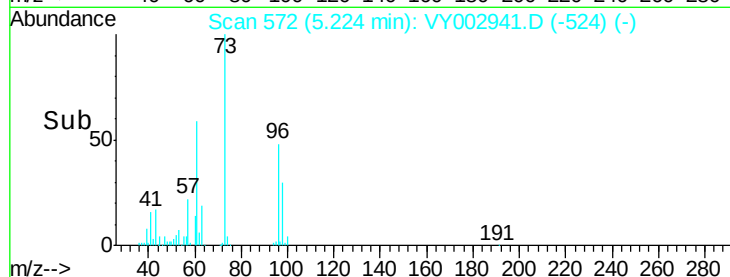
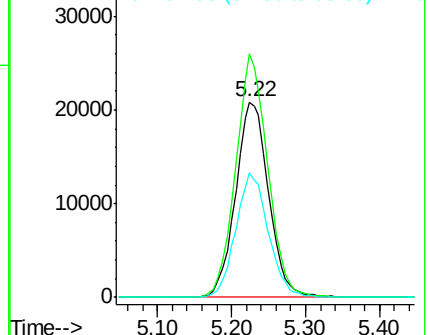
98 63.5 49.8 74.8



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: 19.528 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 45 Resp: 183205

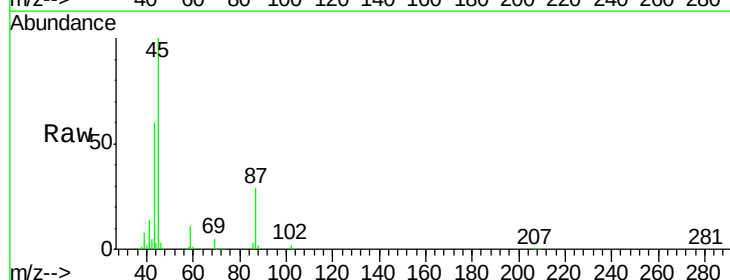
Ion Ratio Lower Upper

45 100

43 60.0 46.2 69.2

87 28.8 24.9 37.3

59 10.9 9.9 14.9

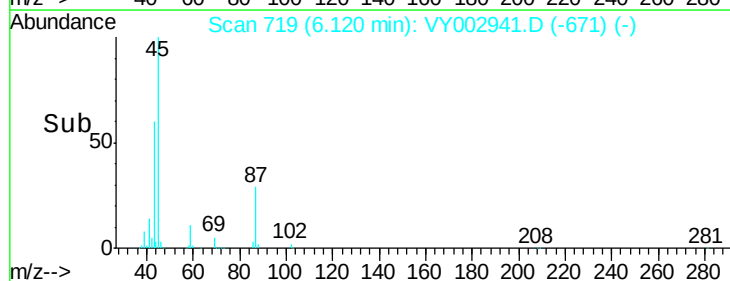
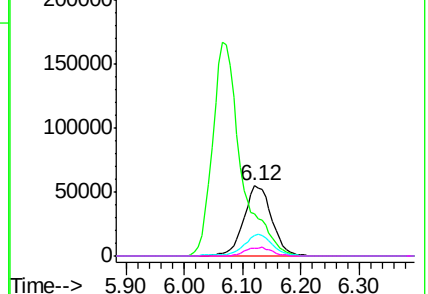


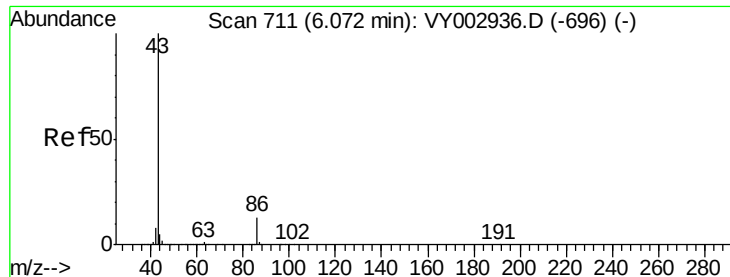
Abundance Ion 45.00 (44.70 to 45.70): VY0

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

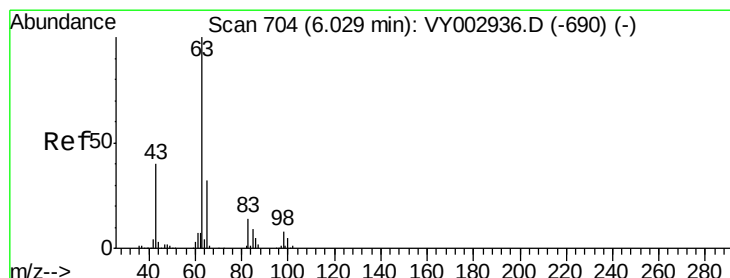
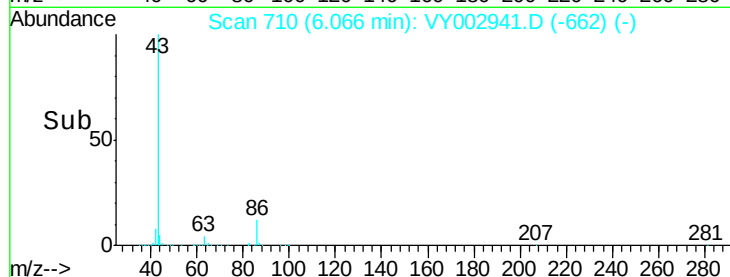
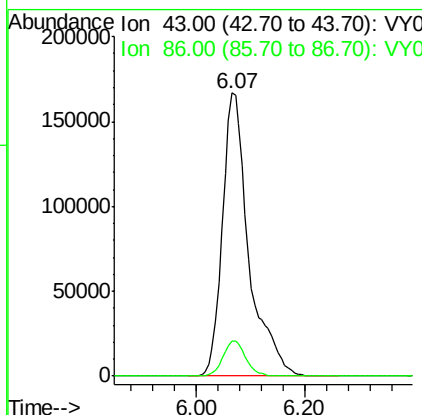
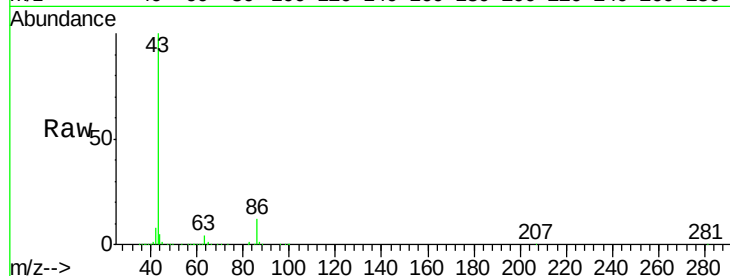




#23
 Vinyl Acetate
 Concen: 93.062 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

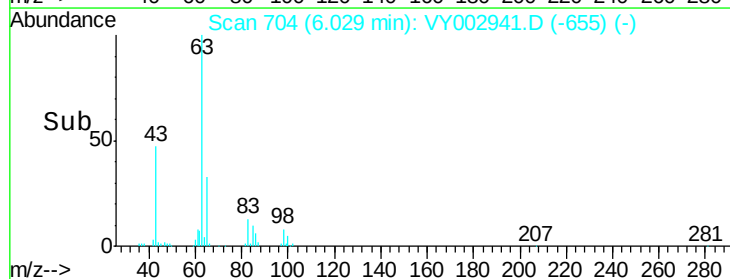
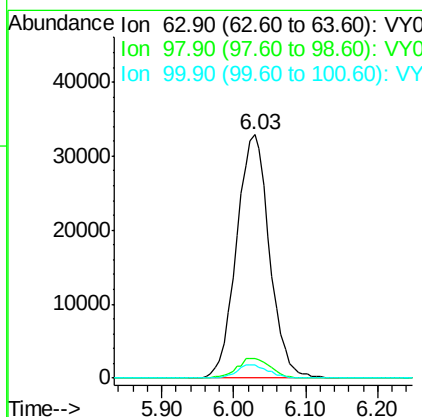
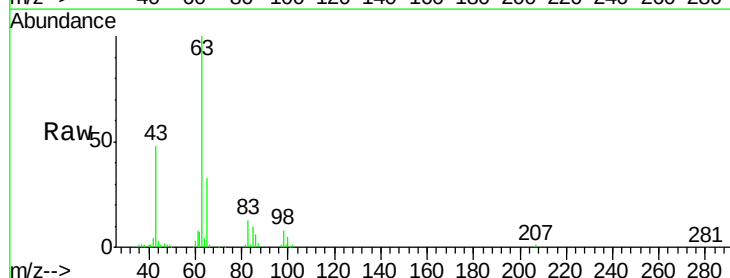
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

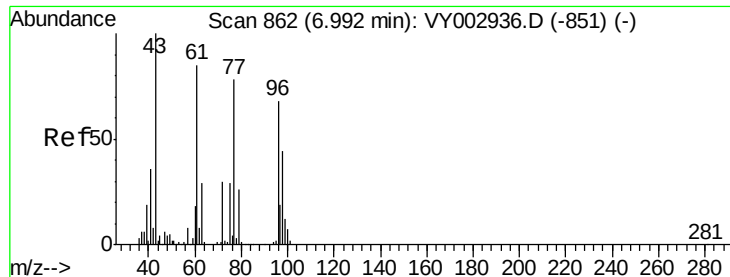
Tgt Ion: 43 Resp: 564743
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 18.737 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 63 Resp: 104139
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.0
 100 5.3 2.5 7.6





#25

2-Butanone

Concen: 91.440 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

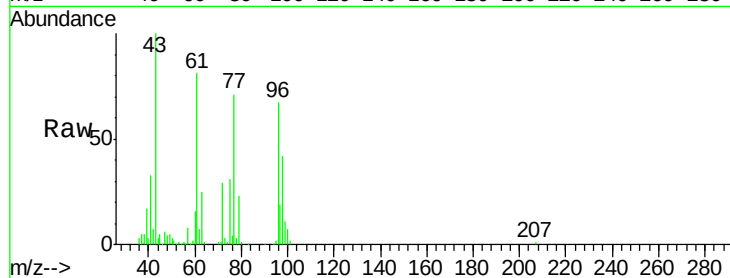
VY0619SBS01

Tgt Ion: 43 Resp: 107146

Ion Ratio Lower Upper

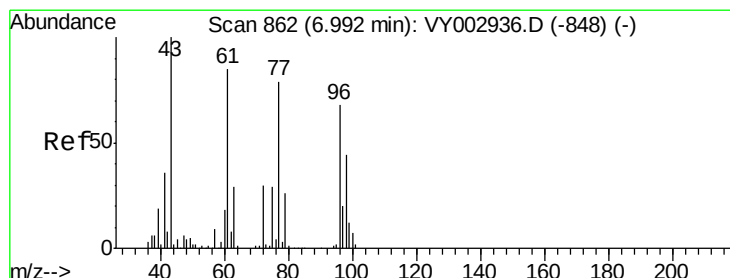
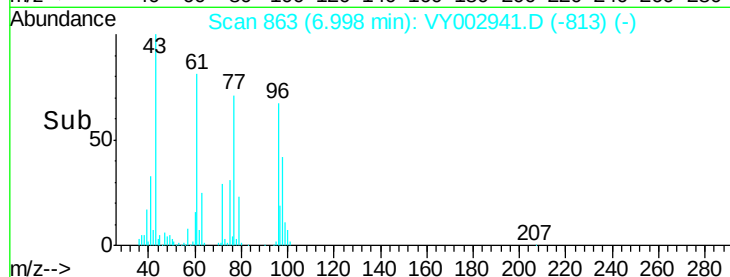
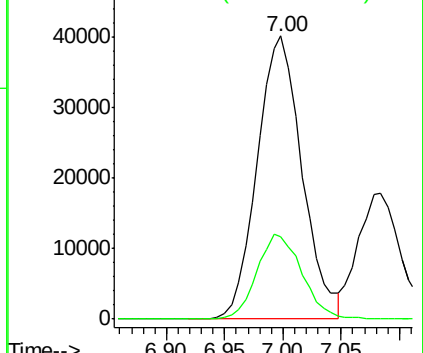
43 100

72 29.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.998 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002941.D

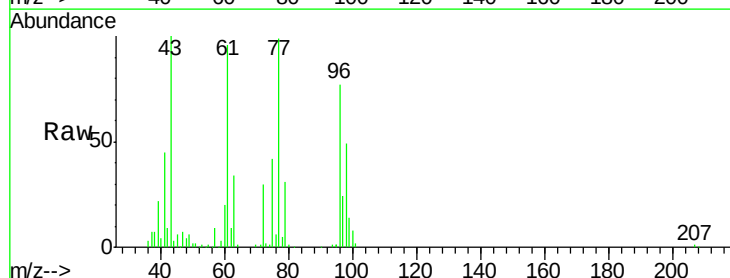
Acq: 19 Jun 2020 16:37

Tgt Ion: 77 Resp: 98613

Ion Ratio Lower Upper

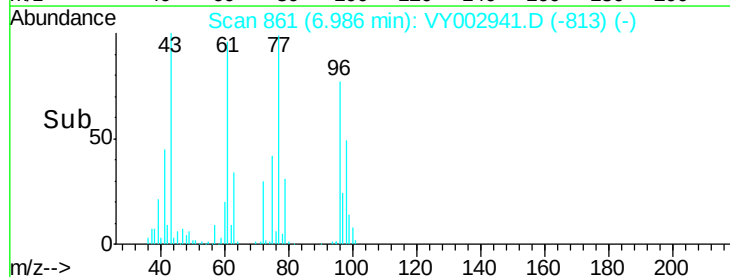
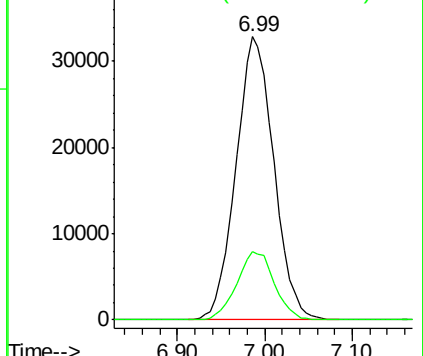
77 100

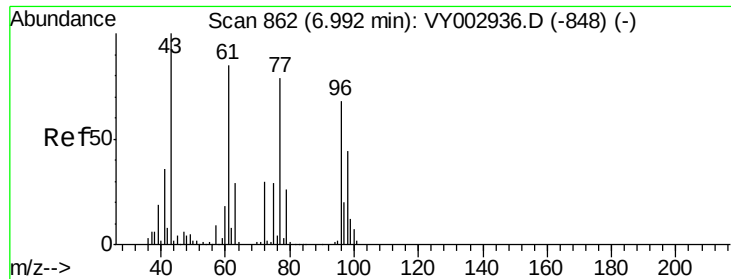
97 24.0 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



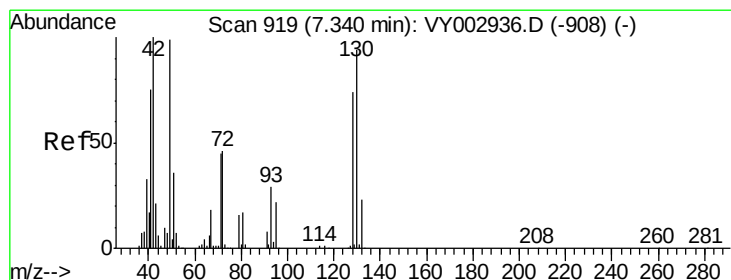
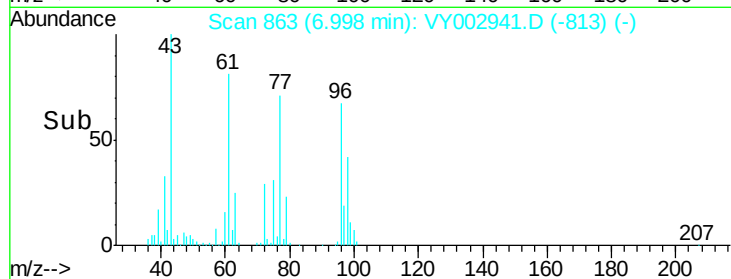
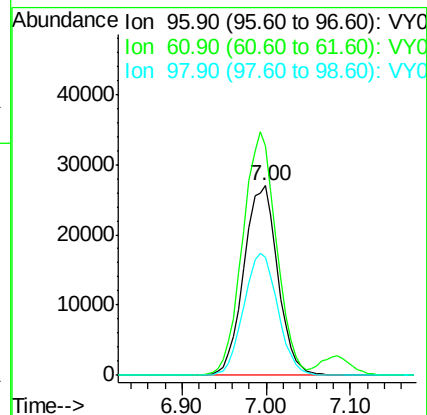
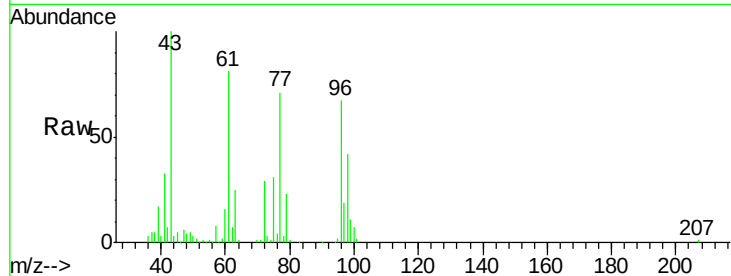


#27

cis-1,2-Dichloroethene
 Concen: 18.644 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

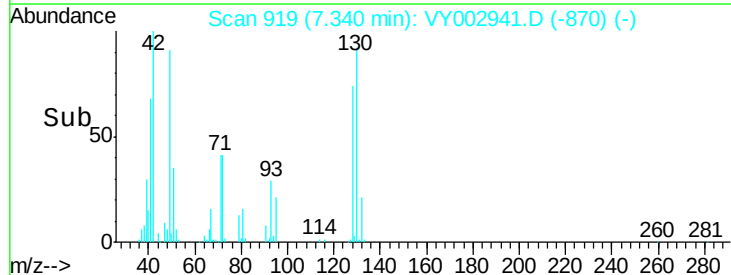
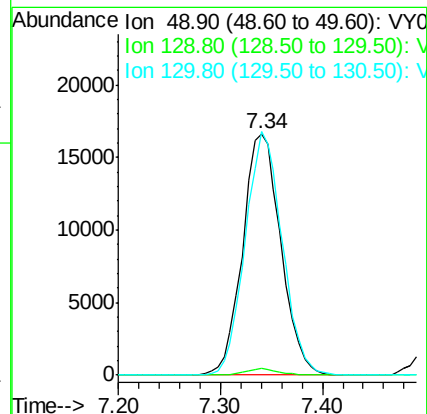
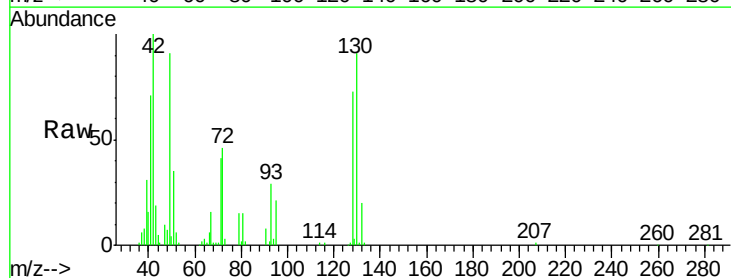
Tgt Ion: 96 Resp: 73707
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 257.0
 98 64.5 0.0 129.8

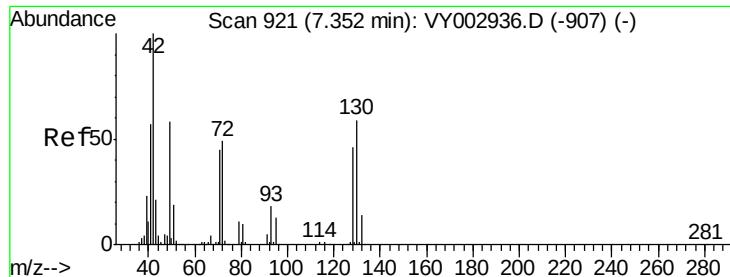


#28

Bromochloromethane
 Concen: 18.618 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 49 Resp: 43264
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 97.5 78.4 117.6

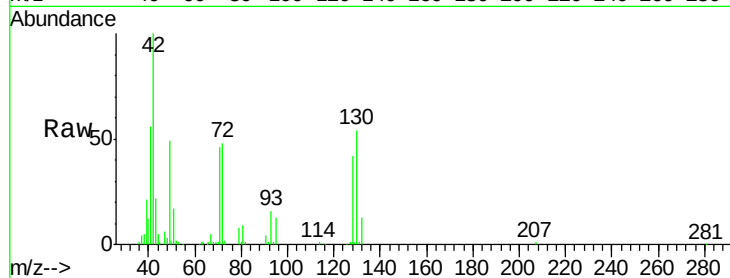




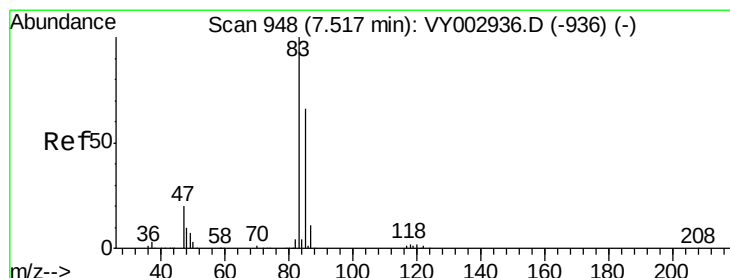
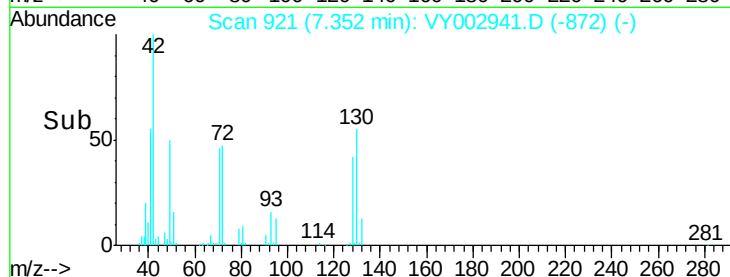
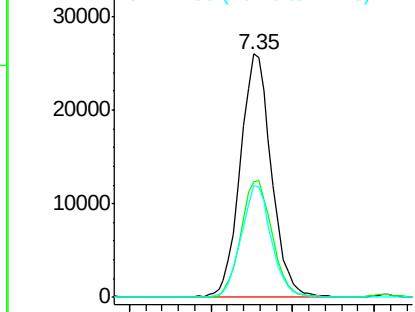
#29
Tetrahydrofuran
Concen: 91.108 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 42 Resp: 68959
Ion Ratio Lower Upper
42 100
72 48.2 39.1 58.7
71 44.6 36.4 54.6

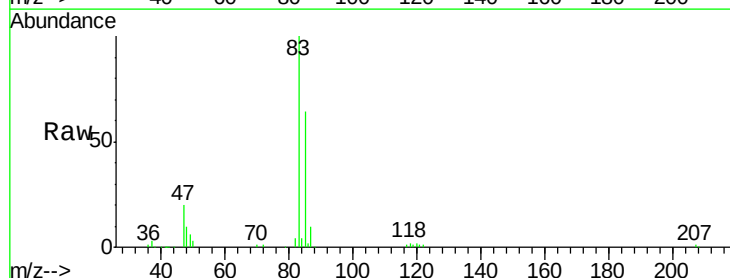


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

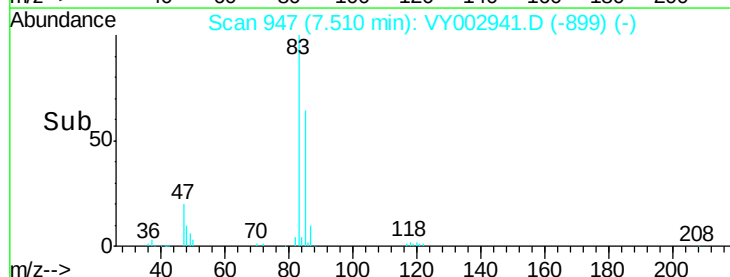
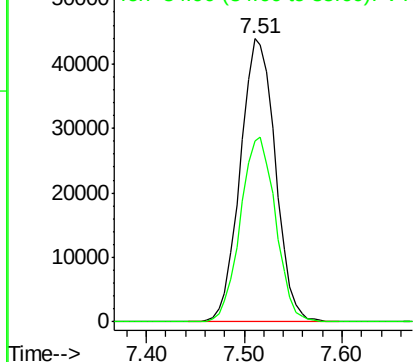


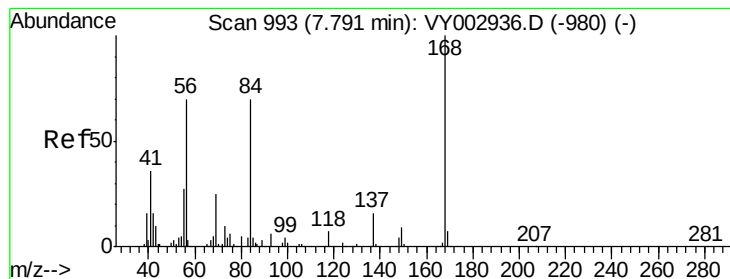
#30
Chloroform
Concen: 18.777 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 83 Resp: 109303
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7



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





#31

Cyclohexane

Concen: 17.691 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

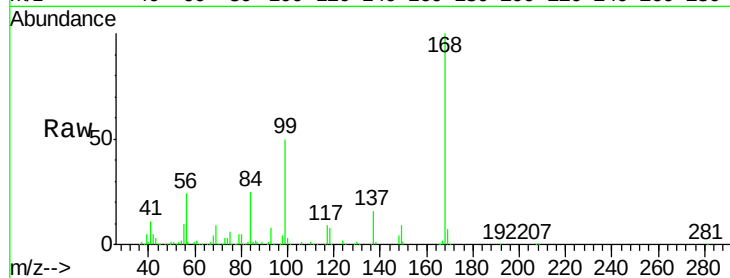
Tgt Ion: 56 Resp: 95907

Ion Ratio Lower Upper

56 100

69 39.2 28.9 43.3

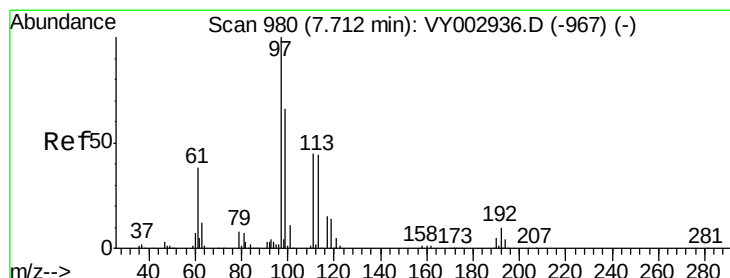
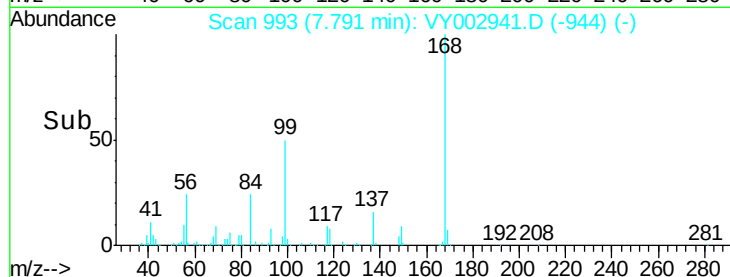
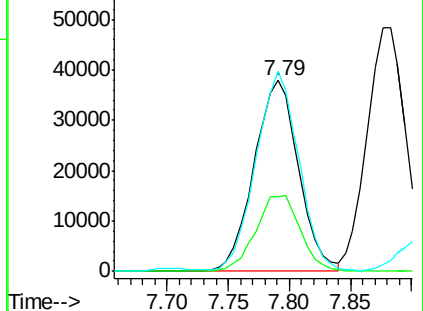
84 103.4 80.1 120.1



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: 18.920 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

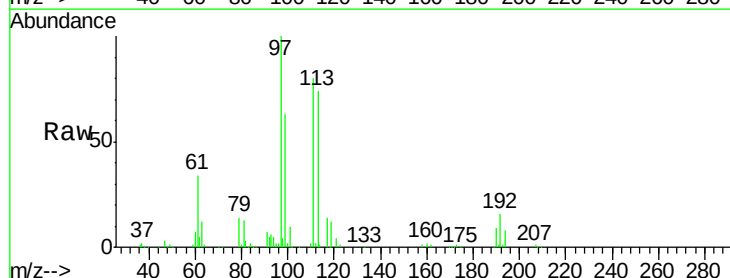
Tgt Ion: 97 Resp: 101482

Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

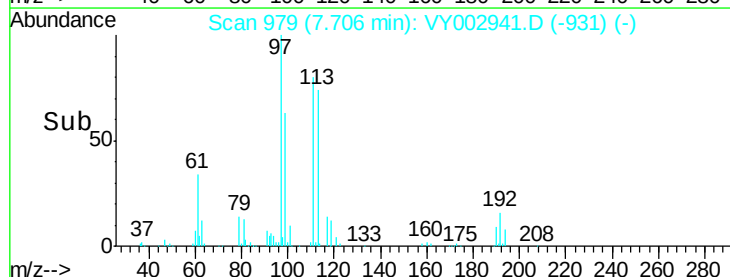
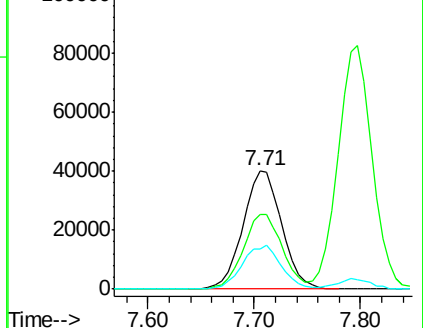
61 37.5 30.3 45.5

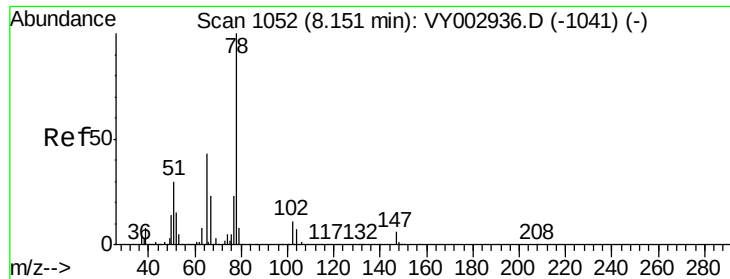


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

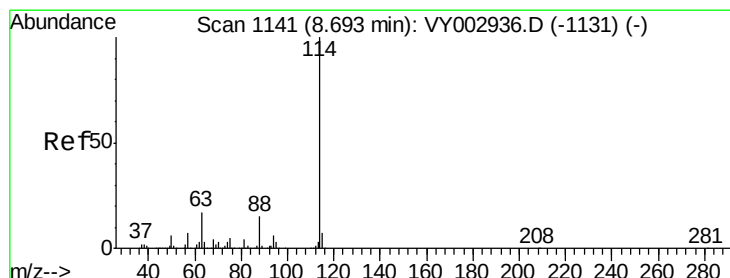
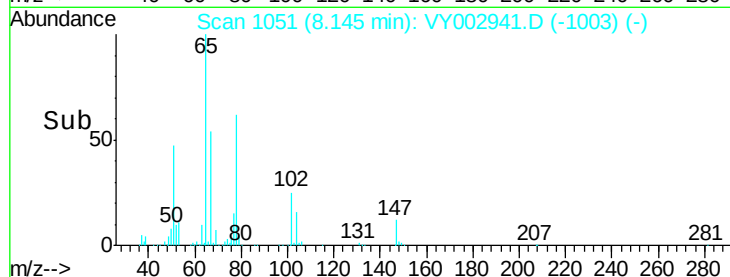
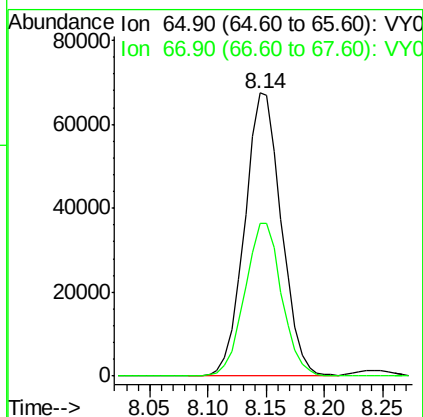
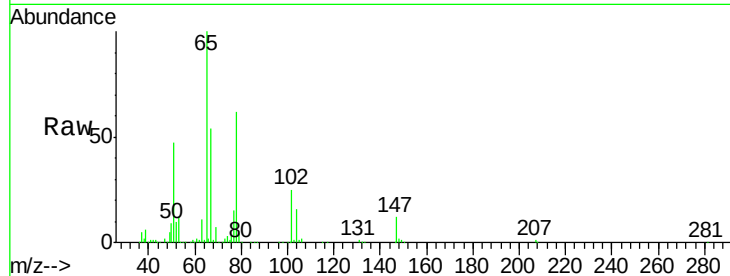




#33
 1,2-Dichloroethane-d4
 Concen: 46.903 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

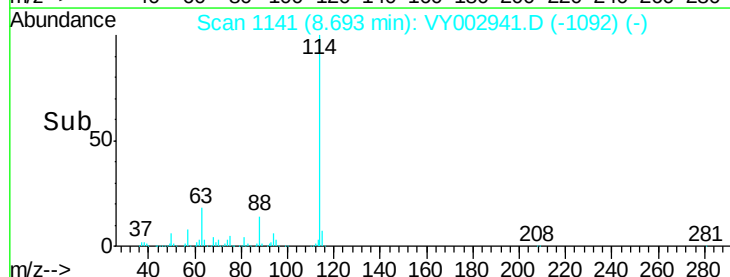
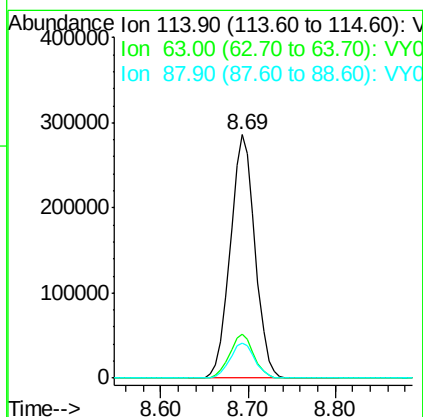
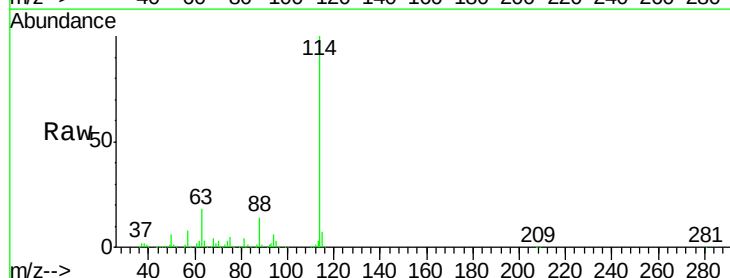
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

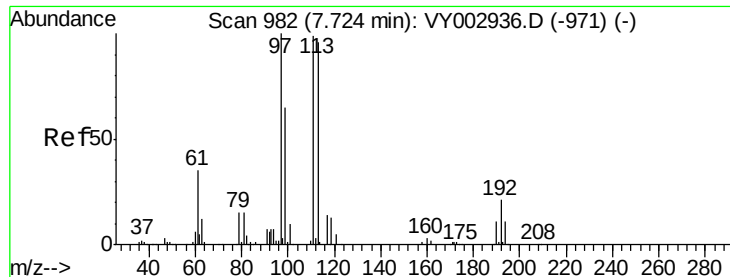
Tgt Ion: 65 Resp: 148082
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 114 Resp: 559167
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.6
 88 14.5 0.0 29.2

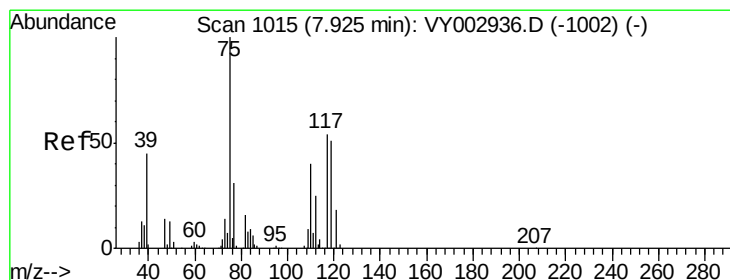
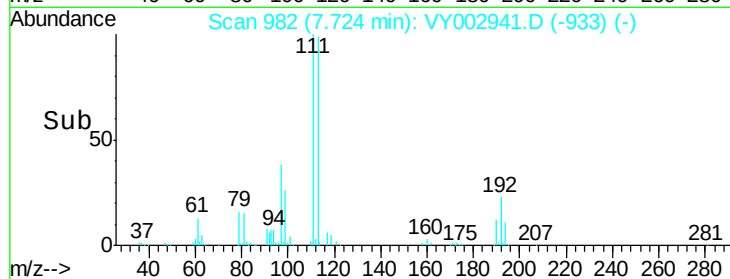
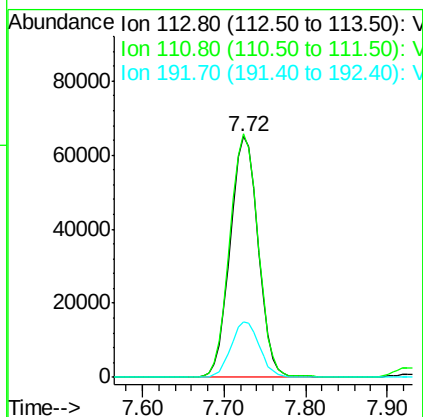
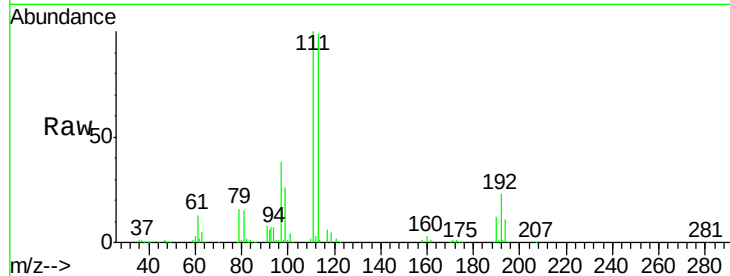




#35
 Dibromofluoromethane
 Concen: 48.722 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

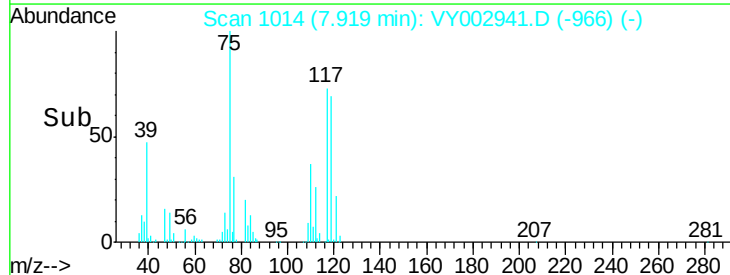
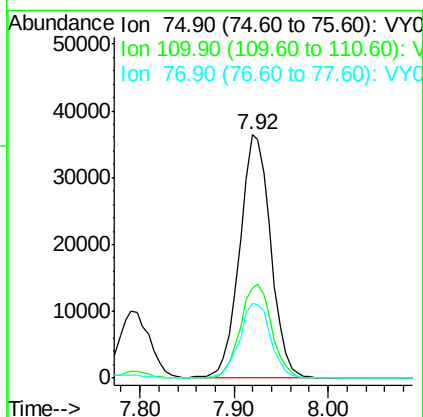
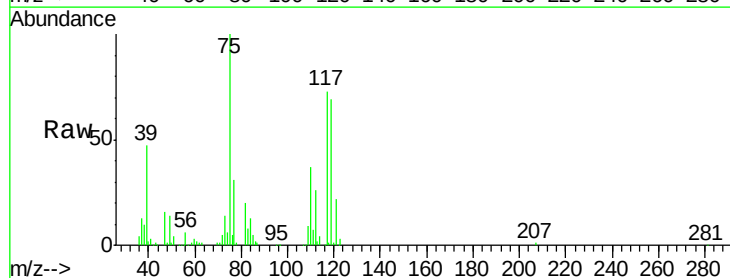
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

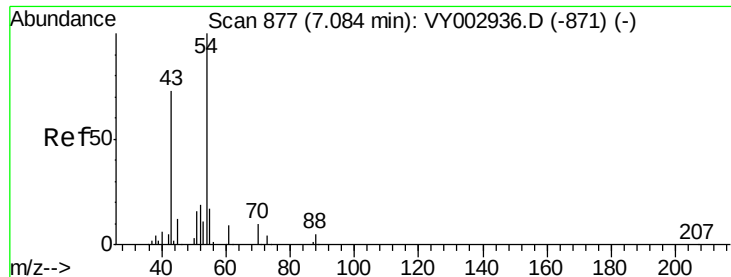
Tgt Ion: 113 Resp: 154150
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 23.3 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 18.502 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 75 Resp: 84023
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.7 59.0
 77 30.7 25.0 37.4

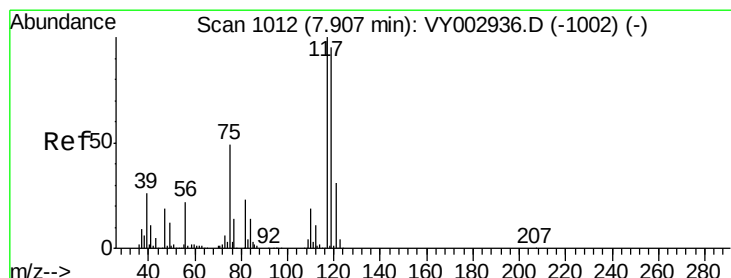
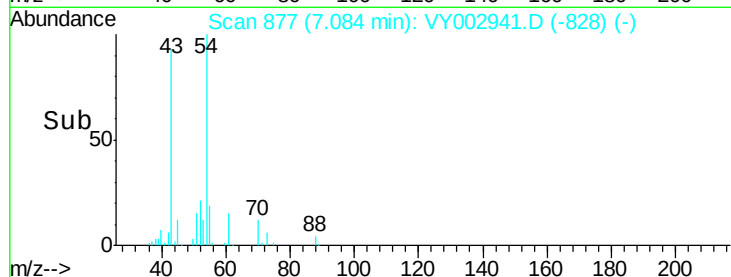
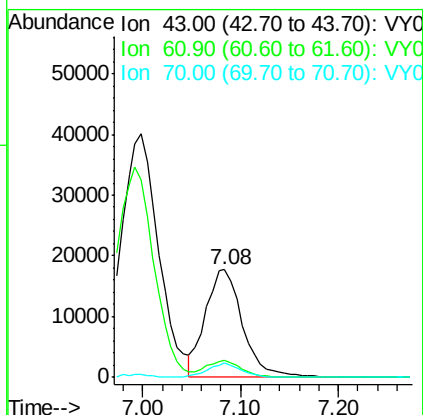
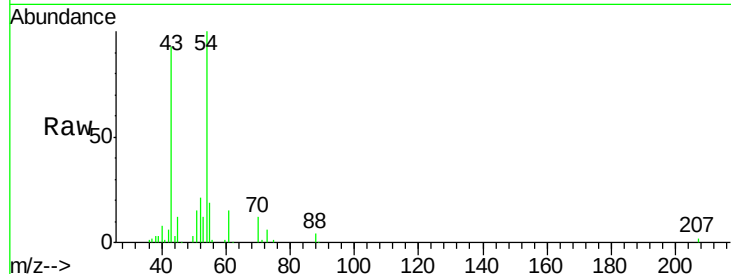




#37
Ethyl Acetate
Concen: 18.447 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

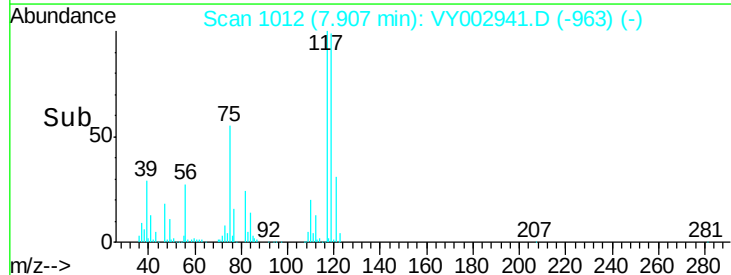
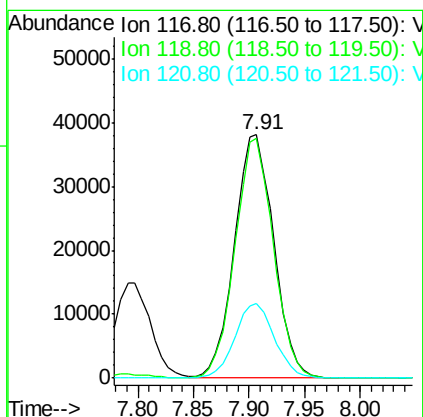
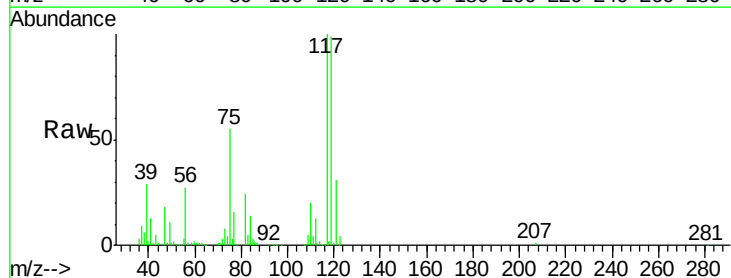
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

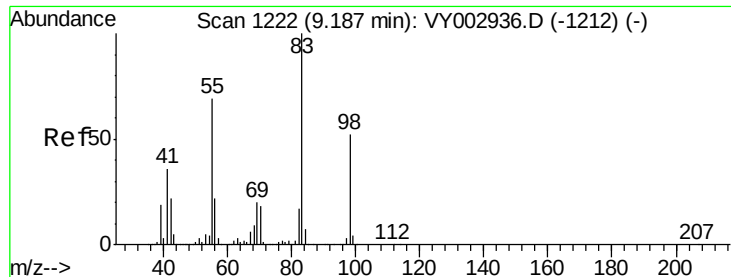
Tgt Ion: 43 Resp: 46516
Ion Ratio Lower Upper
43 100
61 15.6 12.3 18.5
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.691 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 117 Resp: 93540
Ion Ratio Lower Upper
117 100
119 98.6 76.1 114.1
121 30.6 24.8 37.2

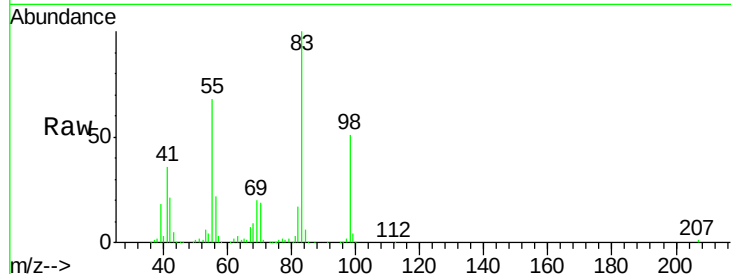




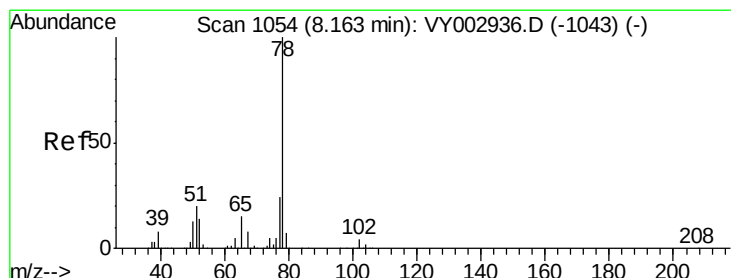
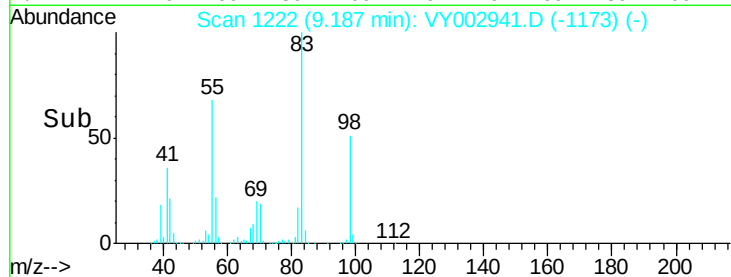
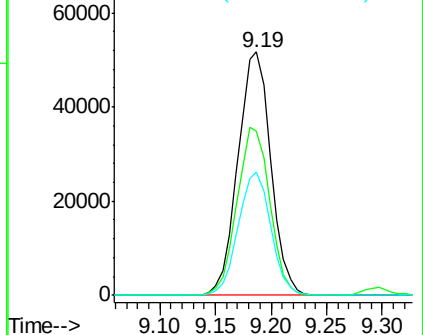
#39
Methylcyclohexane
Concen: 17.705 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 83 Resp: 105989
Ion Ratio Lower Upper
83 100
55 67.5 55.0 82.4
98 50.9 41.4 62.2

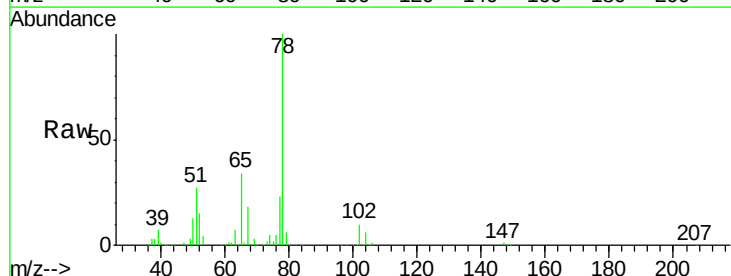


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

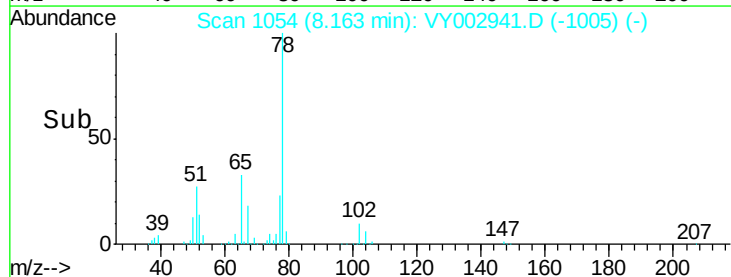
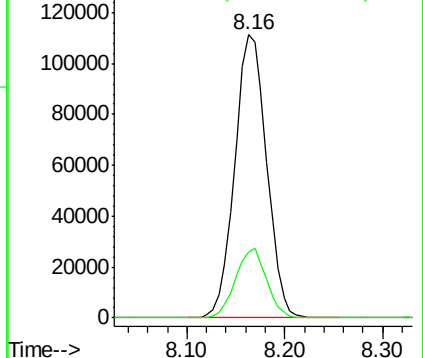


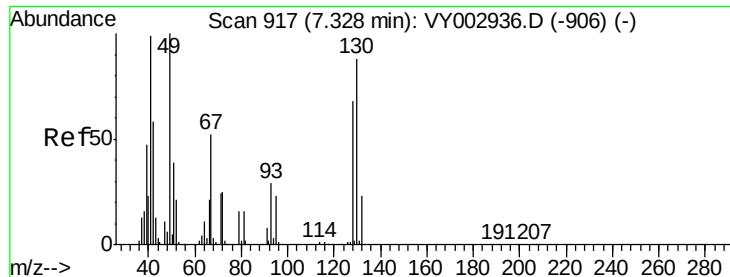
#40
Benzene
Concen: 18.590 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 78 Resp: 251334
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



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

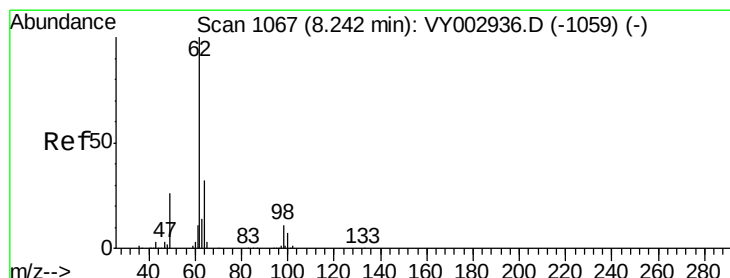
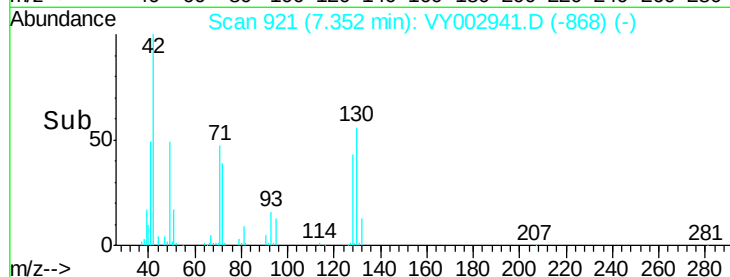
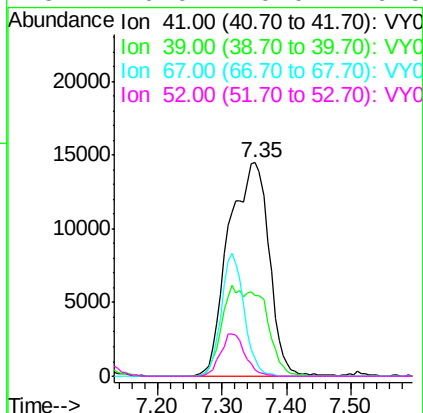
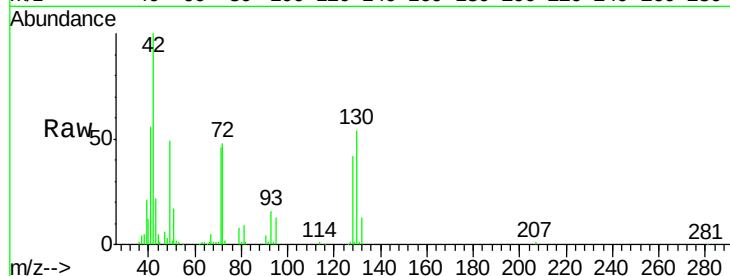




#41
Methacrylonitrile
Concen: 49.998 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

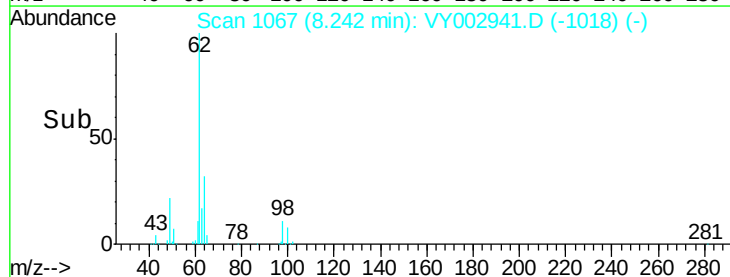
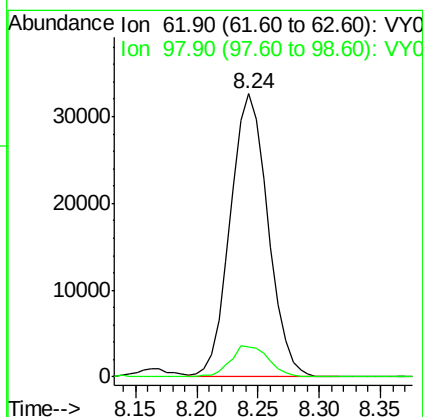
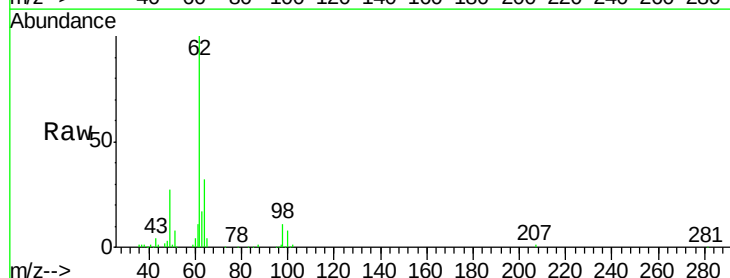
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

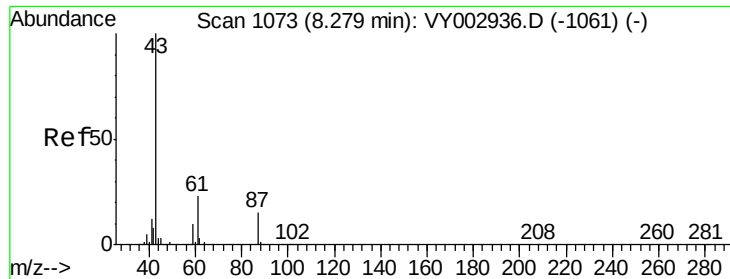
Tgt Ion:	41	Resp:	63119
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.589 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion:	62	Resp:	69755
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.6



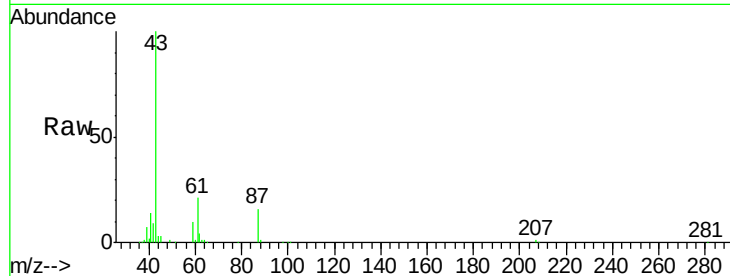


#43

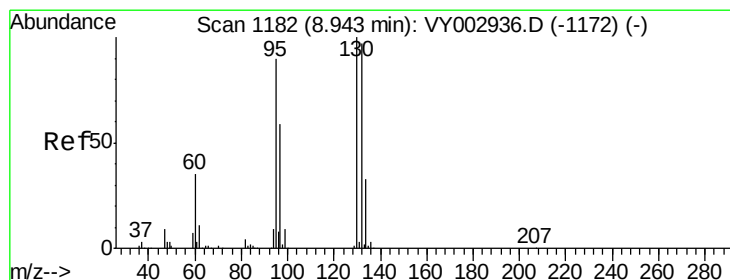
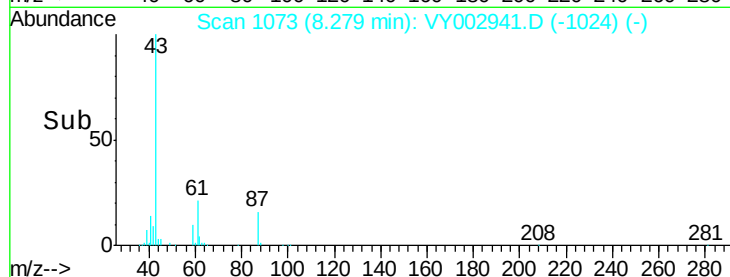
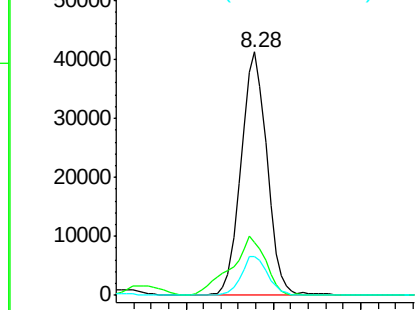
Isopropyl Acetate
 Concen: 18.228 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.0	37.4
87	16.2	12.6	18.8



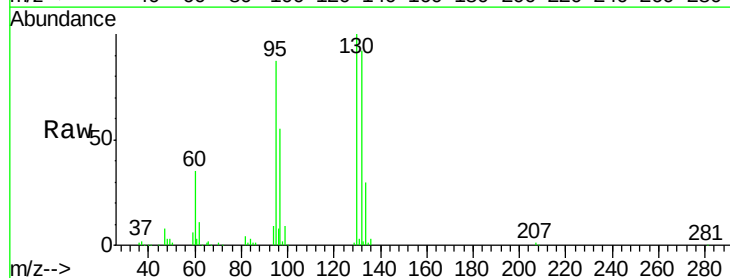
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



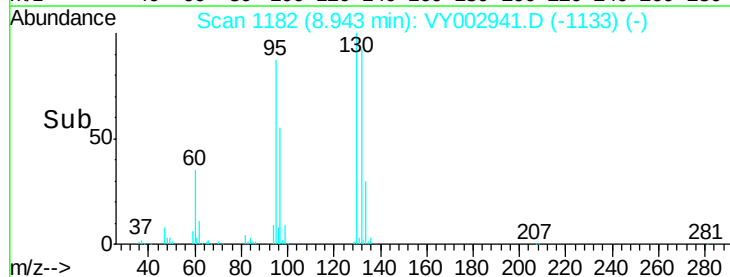
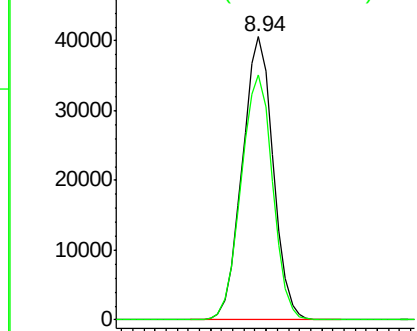
#44

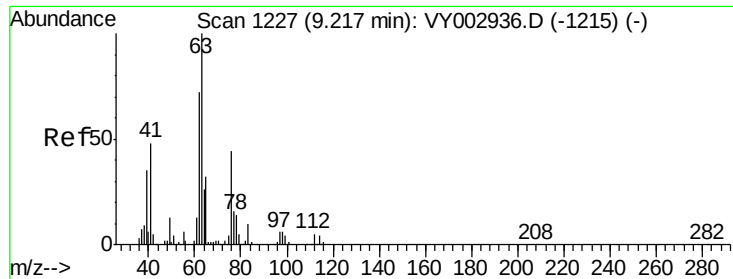
Trichloroethene
 Concen: 18.645 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	179.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 19.206 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

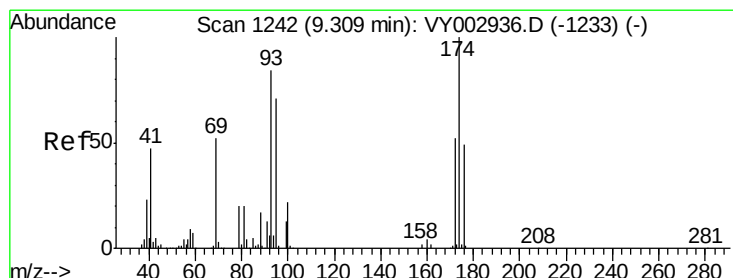
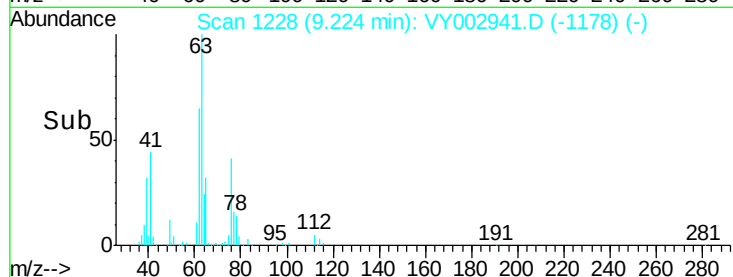
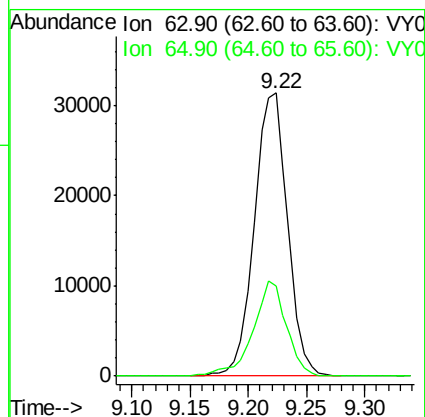
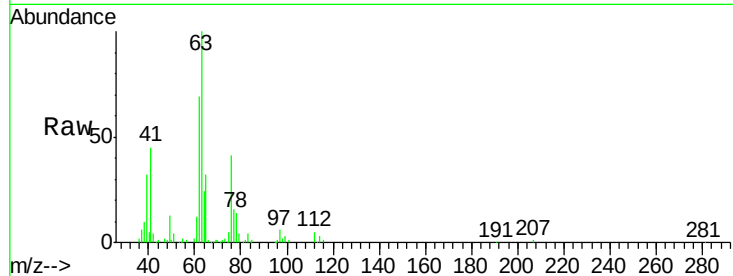
VY0619SBS01

Tgt Ion: 63 Resp: 62444

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 18.838 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

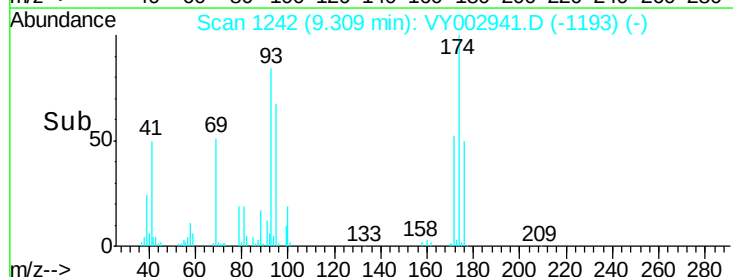
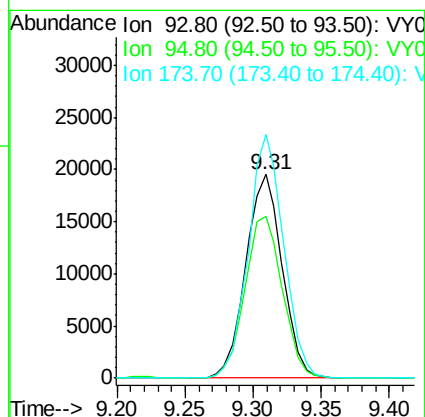
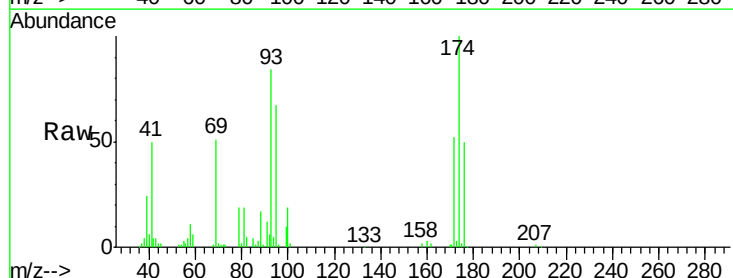
Tgt Ion: 93 Resp: 36571

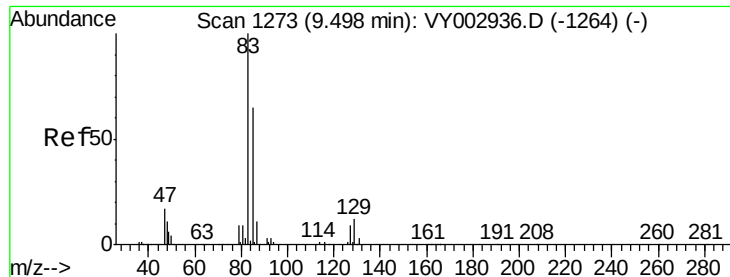
Ion Ratio Lower Upper

93 100

95 81.8 66.4 99.6

174 116.3 95.1 142.7





#47

Bromodichloromethane

Concen: 18.951 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

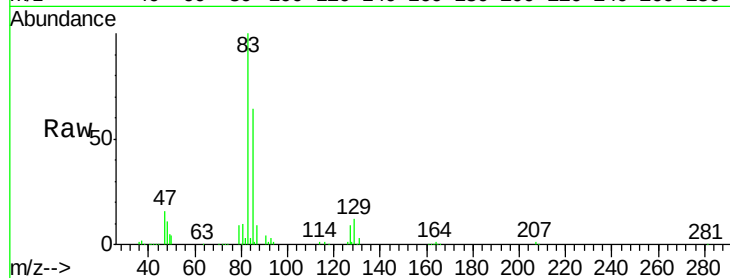
Tgt Ion: 83 Resp: 85892

Ion Ratio Lower Upper

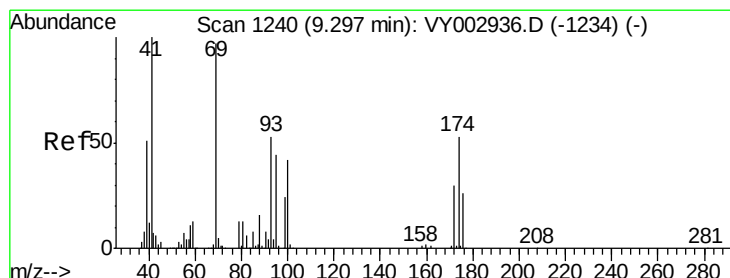
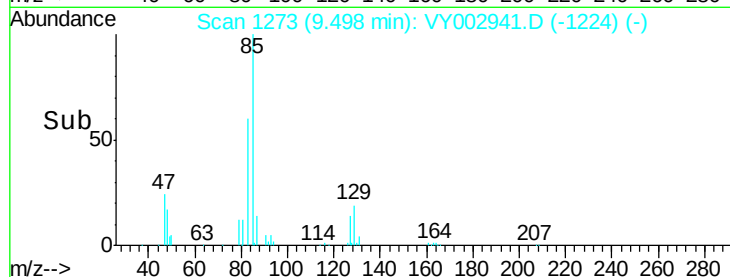
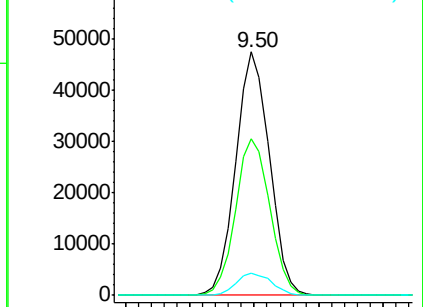
83 100

85 64.5 51.9 77.9

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 18.736 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

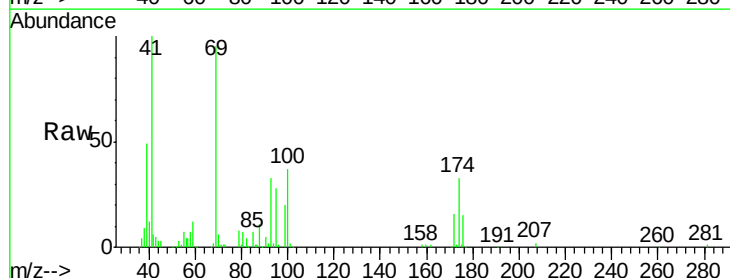
Tgt Ion: 41 Resp: 39476

Ion Ratio Lower Upper

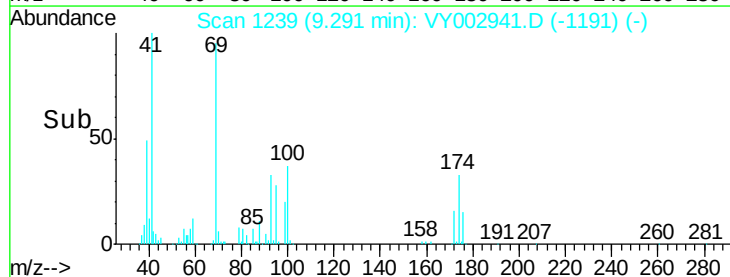
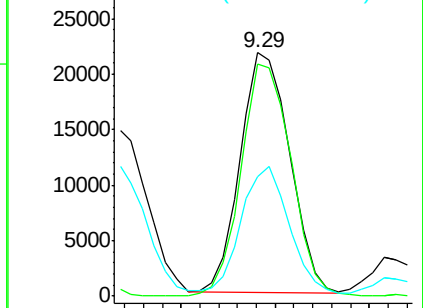
41 100

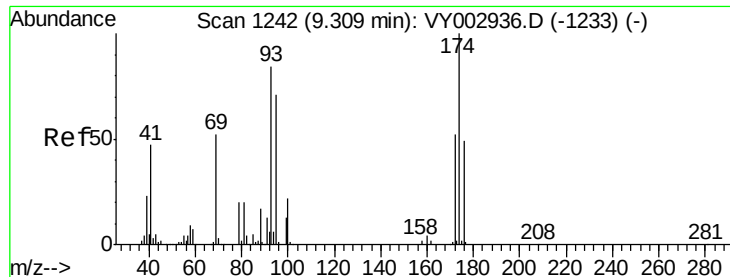
69 98.2 79.4 119.0

39 53.5 41.1 61.7



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: 374.765 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

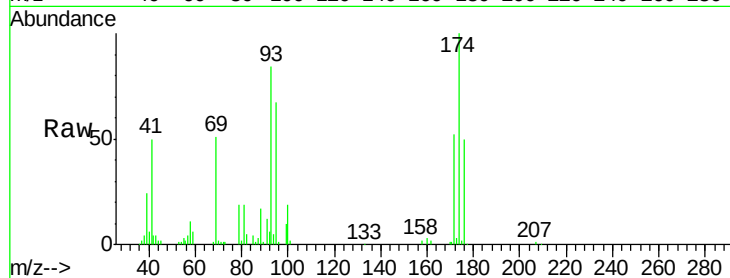
Tgt Ion: 88 Resp: 10663

Ion Ratio Lower Upper

88 100

43 25.1 21.0 31.6

58 65.4 51.5 77.3

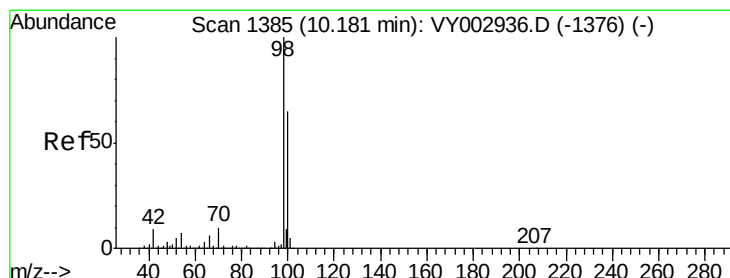
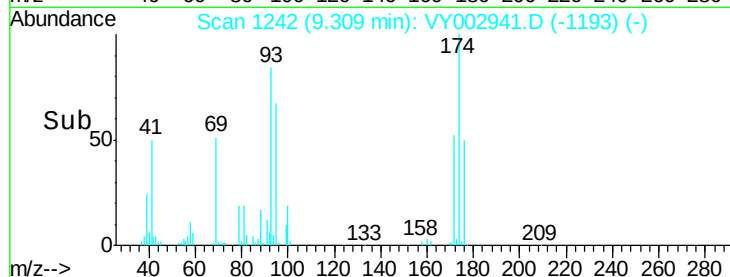
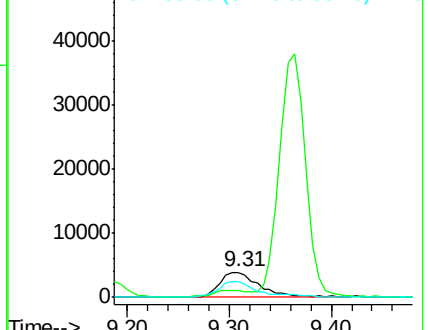


Abundance

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: 49.215 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002941.D

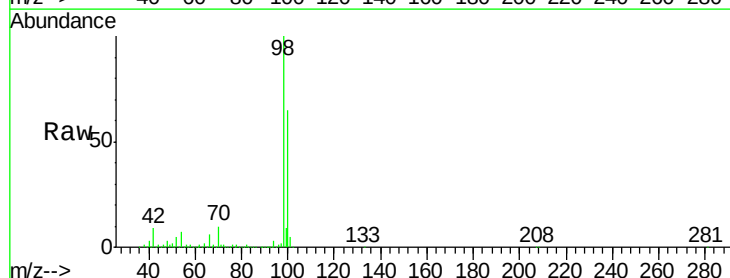
Acq: 19 Jun 2020 16:37

Tgt Ion: 98 Resp: 613962

Ion Ratio Lower Upper

98 100

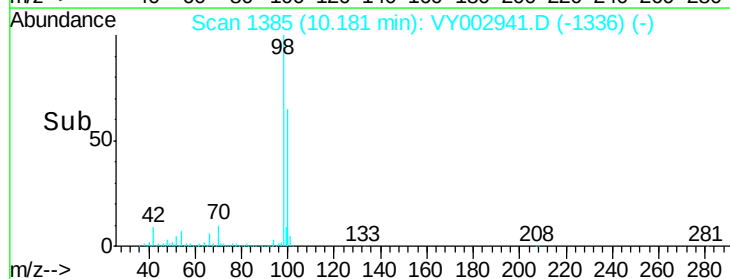
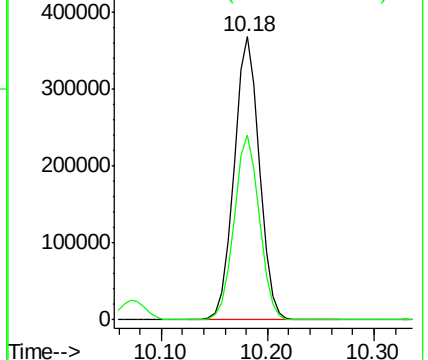
100 65.1 51.9 77.9

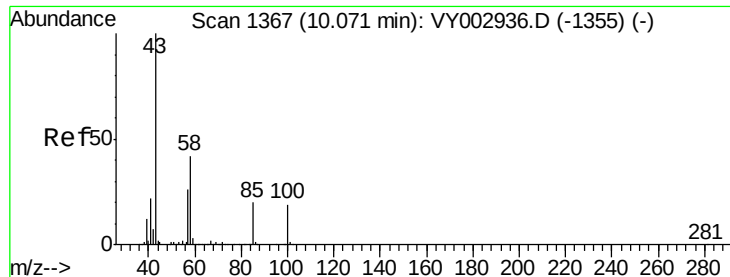


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

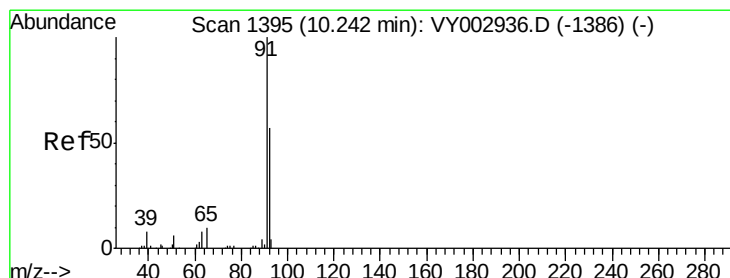
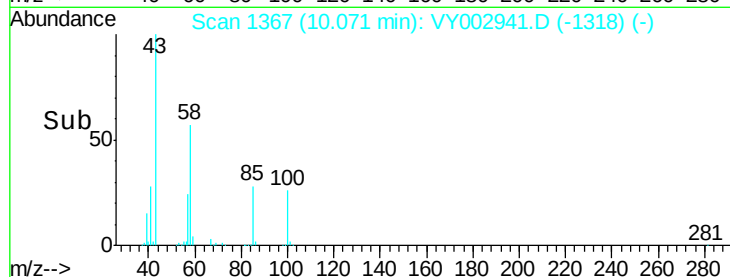
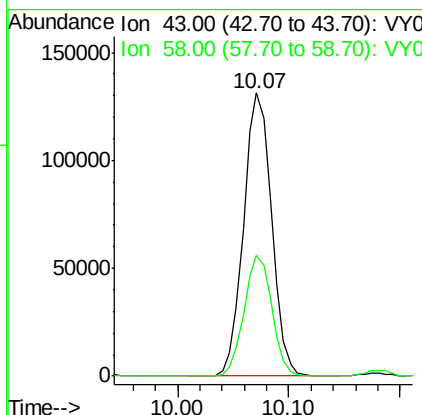
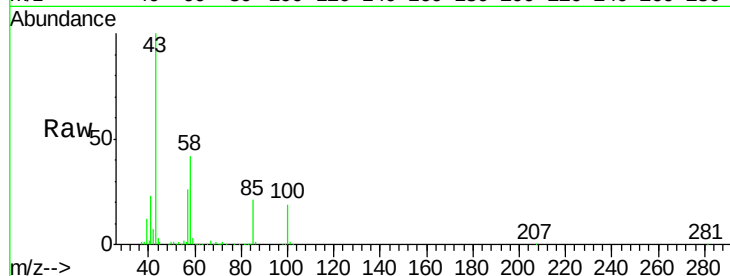




#51
 4-Methyl-2-Pentanone
 Concen: 92.298 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

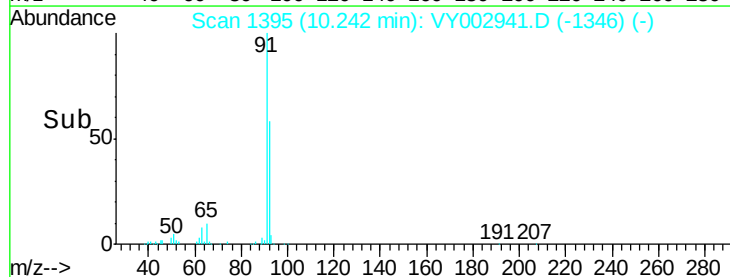
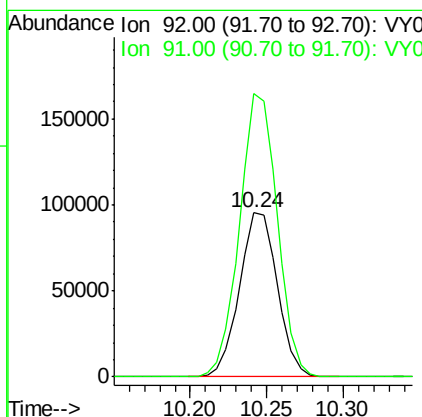
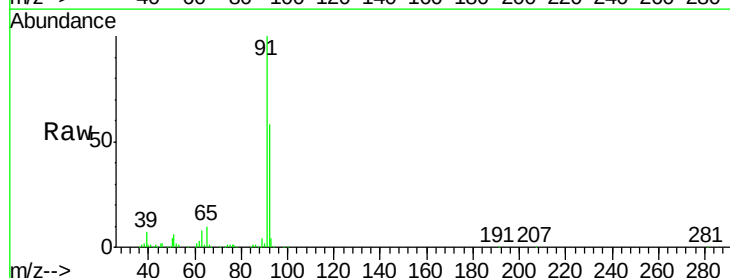
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

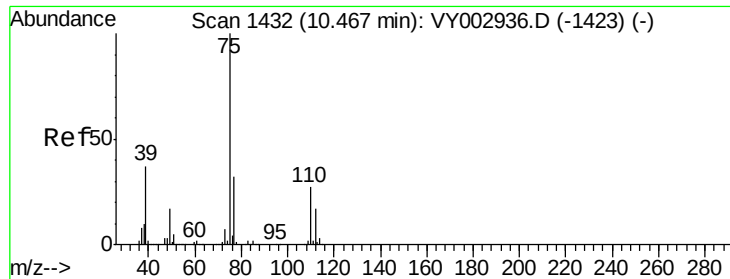
Tgt Ion: 43 Resp: 229667
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.9 50.9



#52
 Toluene
 Concen: 18.837 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 92 Resp: 164823
 Ion Ratio Lower Upper
 92 100
 91 171.5 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 18.809 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

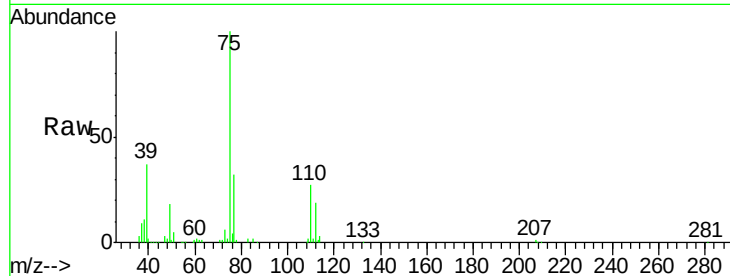
VY0619SBS01

Tgt Ion: 75 Resp: 92652

Ion Ratio Lower Upper

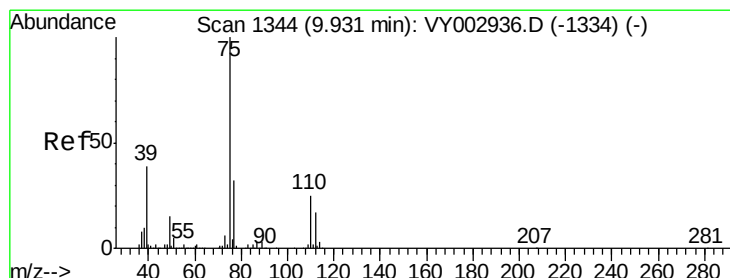
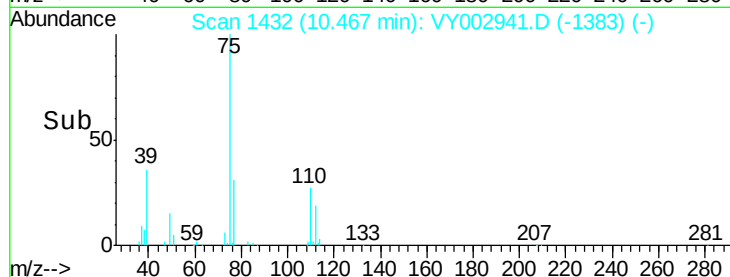
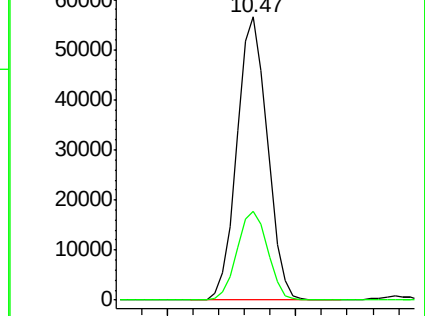
75 100

77 31.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.875 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

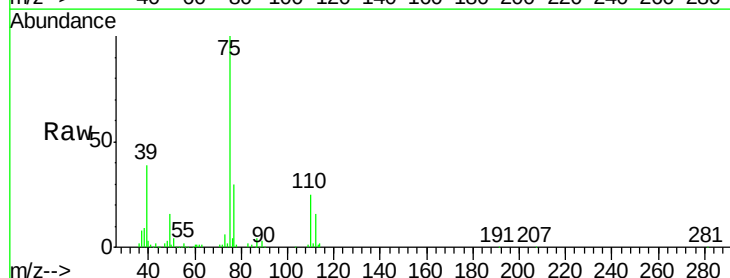
Tgt Ion: 75 Resp: 105242

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2

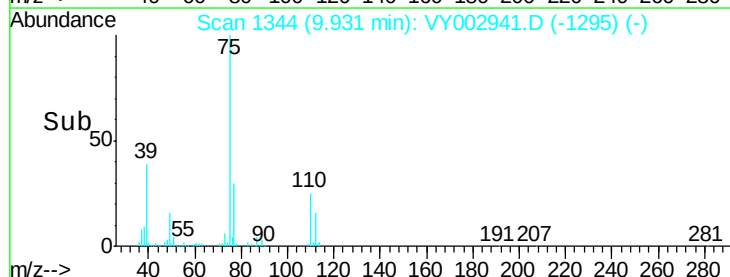
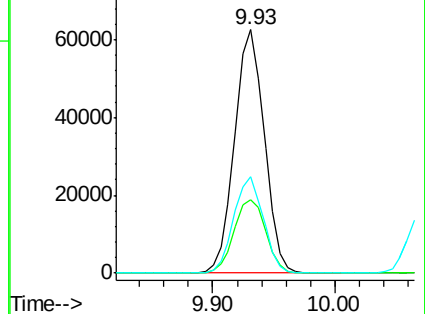
39 39.4 31.4 47.0

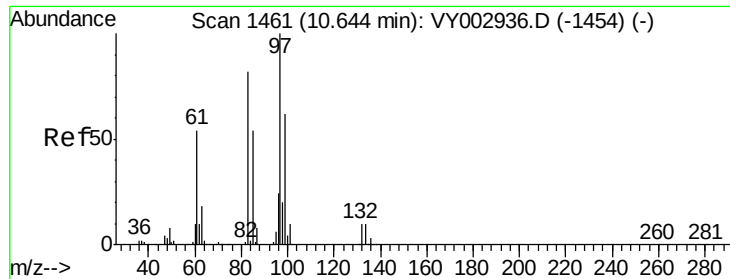


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

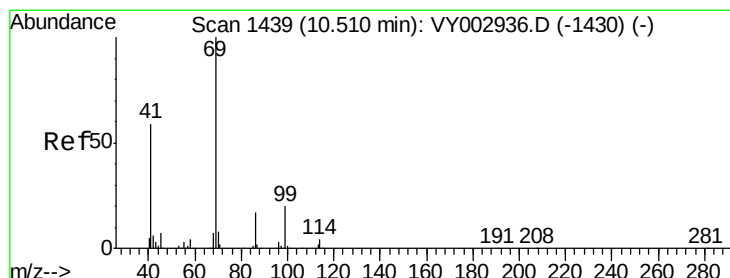
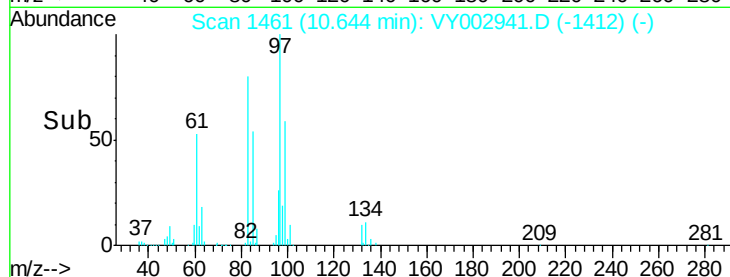
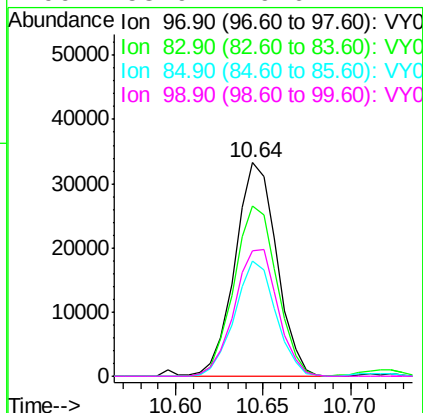
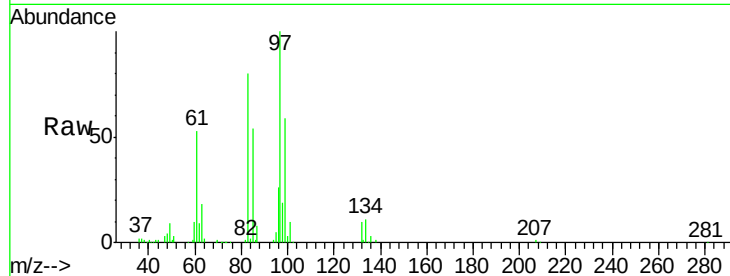




#55
 1,1,2-Trichloroethane
 Concen: 18.986 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

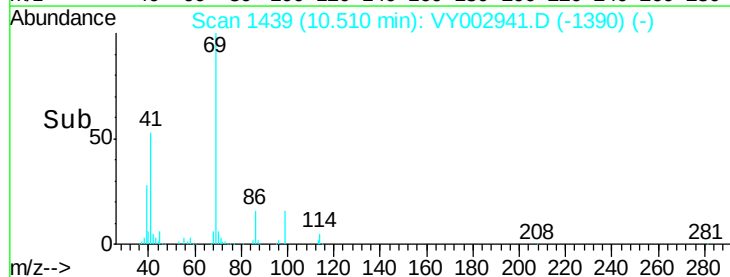
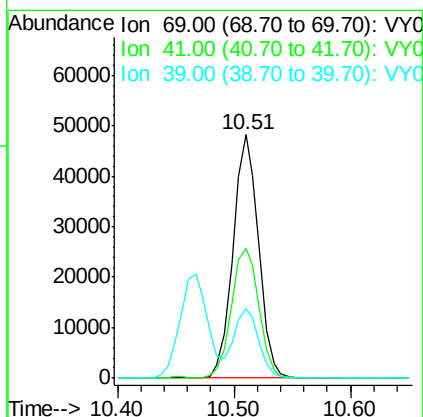
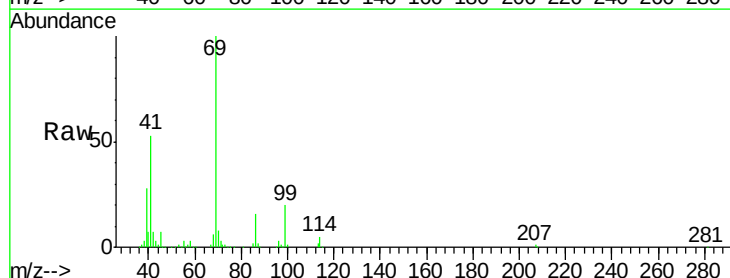
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

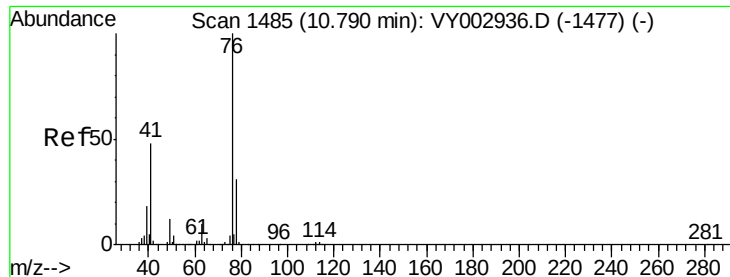
Tgt Ion:	97	Resp:	54967
Ion	Ratio	Lower	Upper
97	100		
83	79.5	65.9	98.9
85	54.0	43.1	64.7
99	58.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.855 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:	69	Resp:	73582
Ion	Ratio	Lower	Upper
69	100		
41	57.1	46.4	69.6
39	27.4	21.4	32.0





#57

1,3-Dichloropropane

Concen: 18.900 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

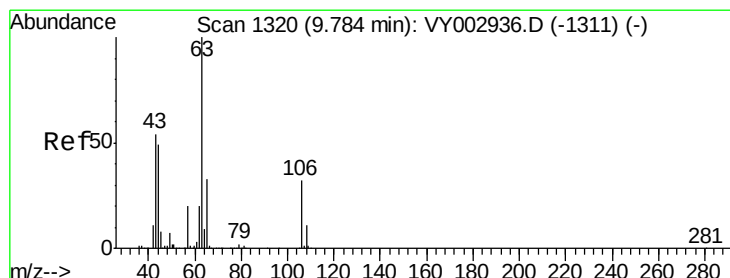
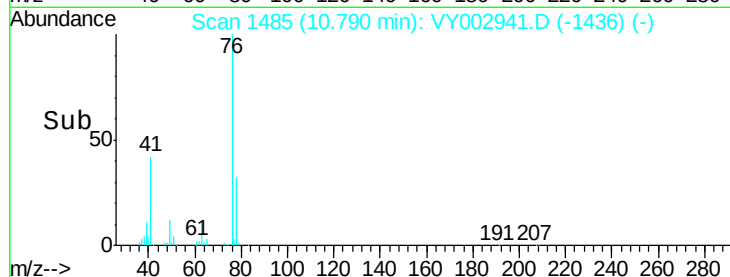
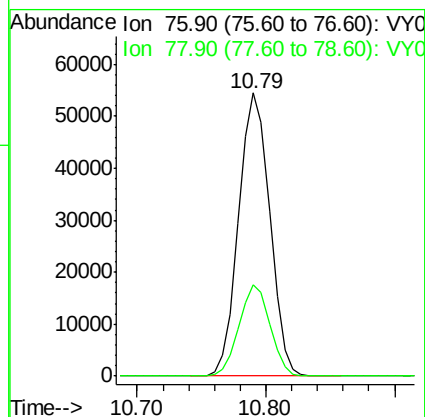
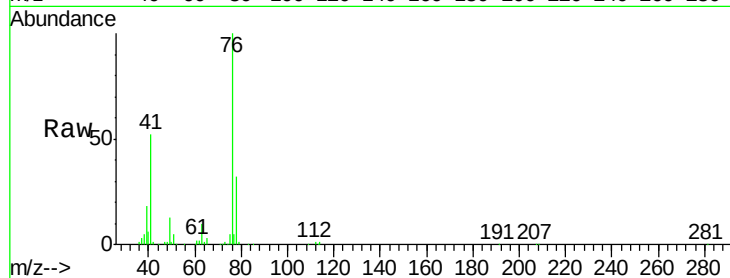
VY0619SBS01

Tgt Ion: 76 Resp: 91243

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.339 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002941.D

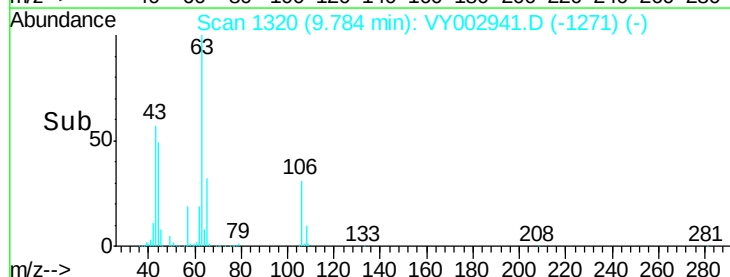
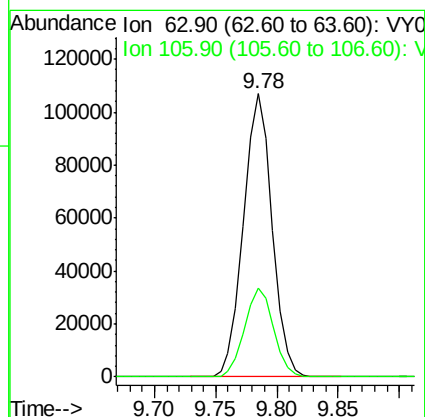
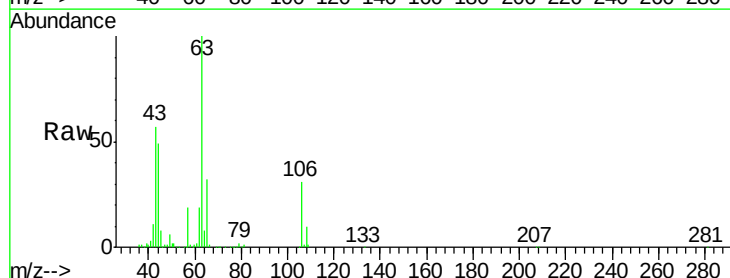
Acq: 19 Jun 2020 16:37

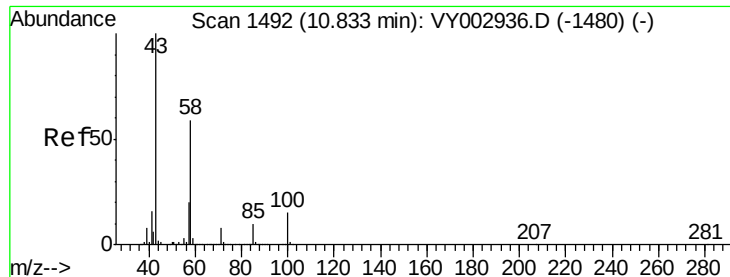
Tgt Ion: 63 Resp: 173651

Ion Ratio Lower Upper

63 100

106 31.6 25.6 38.4

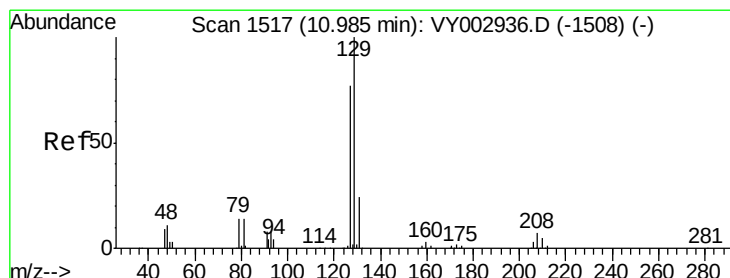
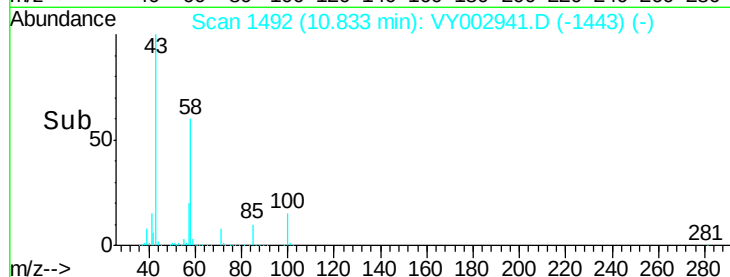
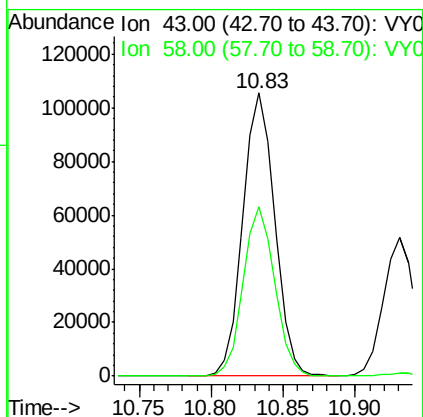
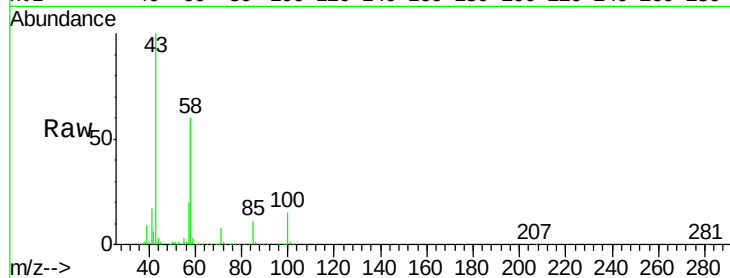




#59
2-Hexanone
Concen: 92.711 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

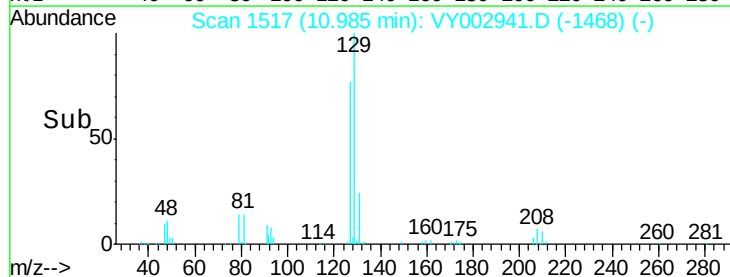
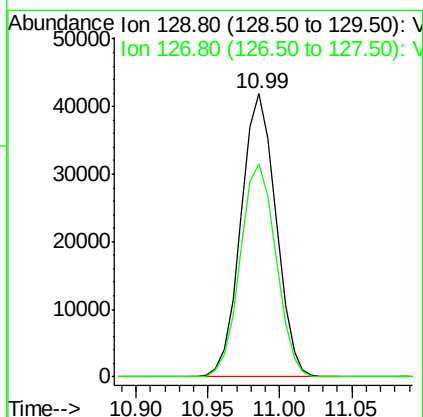
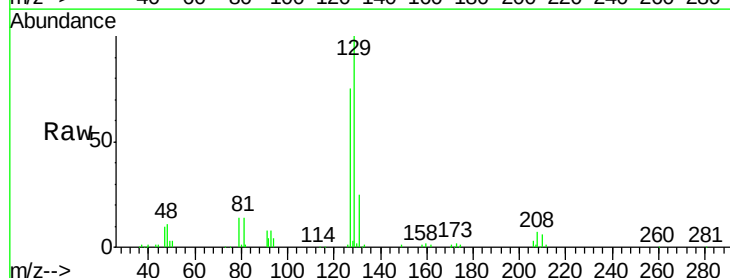
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

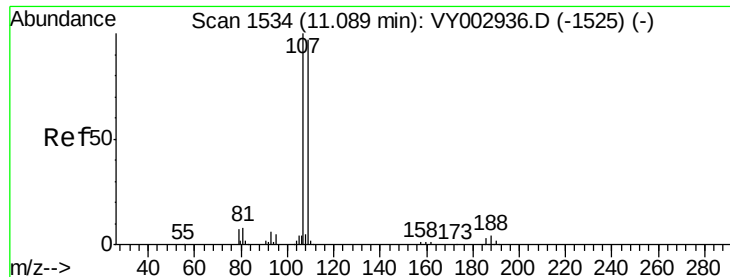
Tgt Ion: 43 Resp: 162190
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1



#60
Dibromochloromethane
Concen: 19.114 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 129 Resp: 70570
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

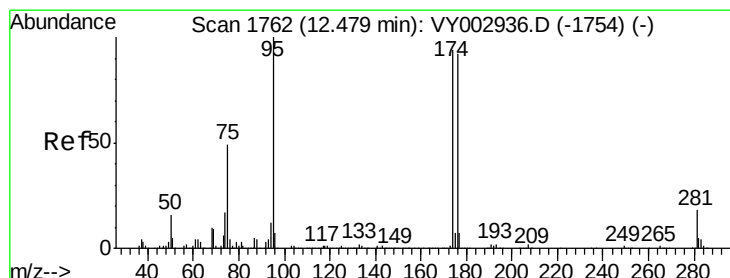
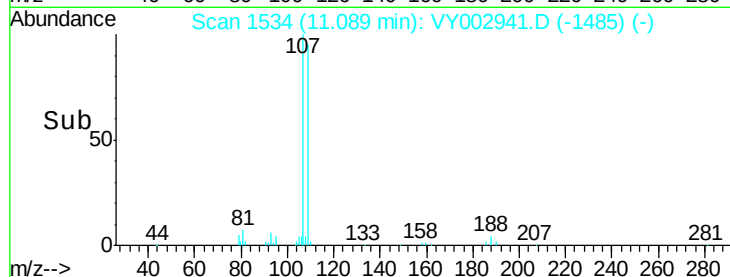
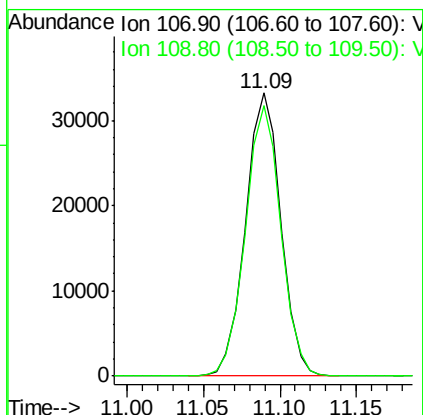
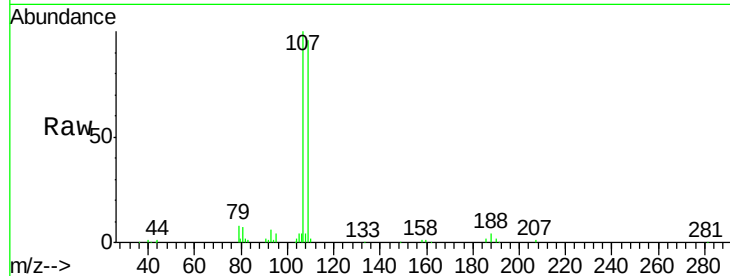




#61
 1,2-Dibromoethane
 Concen: 18.571 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

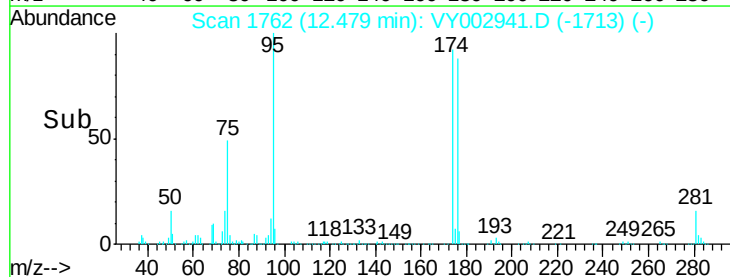
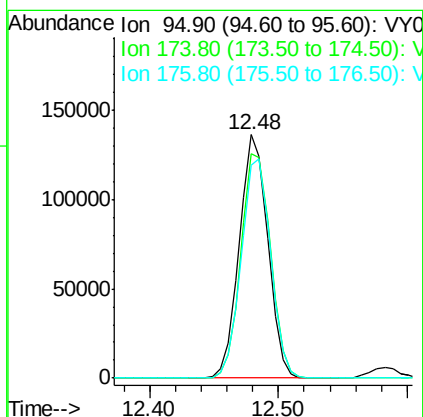
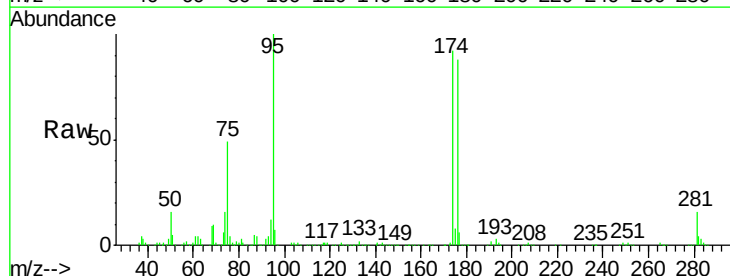
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

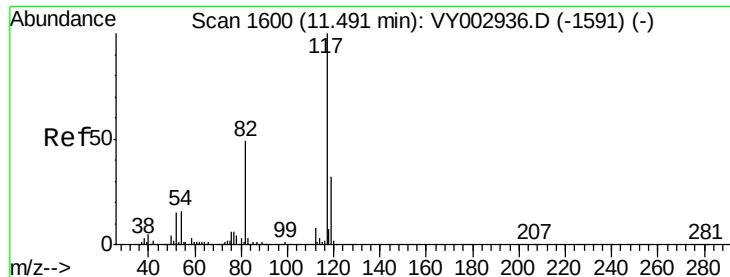
Tgt Ion: 107 Resp: 53339
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 48.167 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 95 Resp: 208435
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 191.2
 176 92.6 0.0 186.0

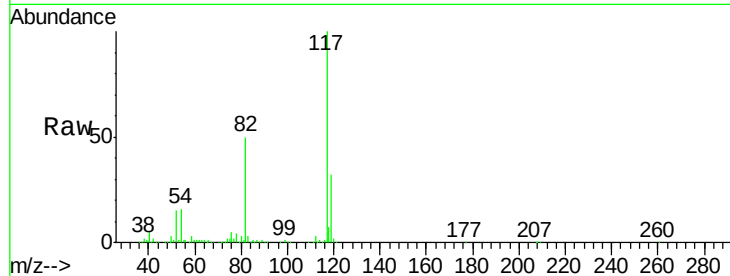




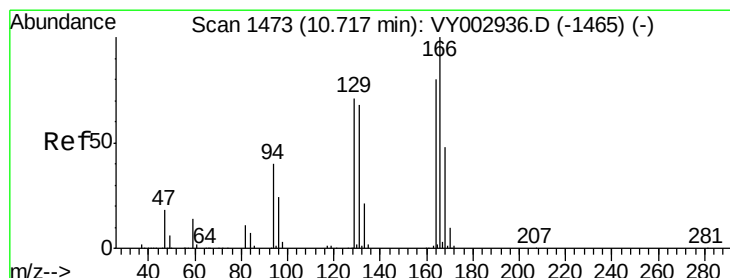
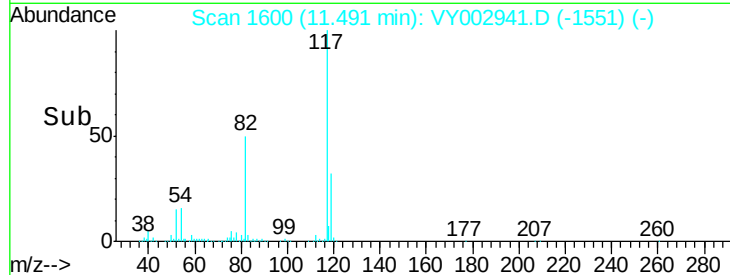
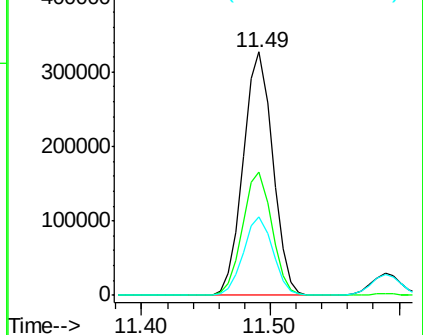
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:117 Resp: 517791
Ion Ratio Lower Upper
117 100
82 50.5 39.4 59.0
119 32.1 25.4 38.0

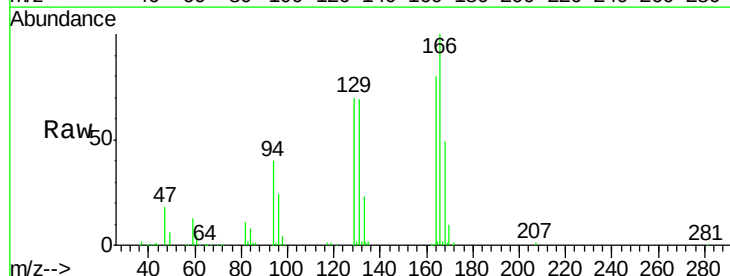


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

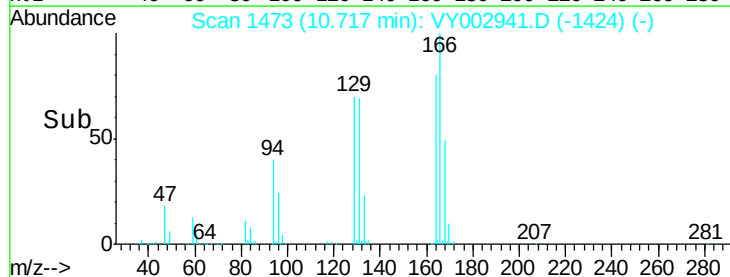
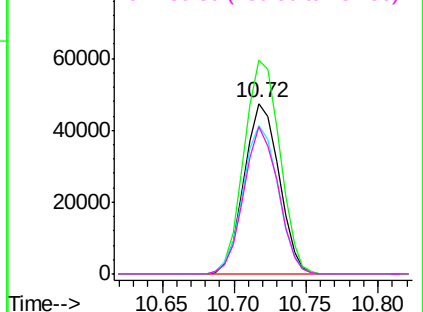


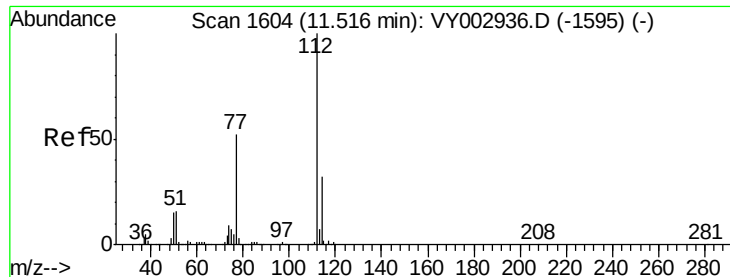
#64
Tetrachloroethene
Concen: 18.492 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion:164 Resp: 79786
Ion Ratio Lower Upper
164 100
166 125.4 100.5 150.7
129 87.2 71.1 106.7
131 86.5 68.7 103.1



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

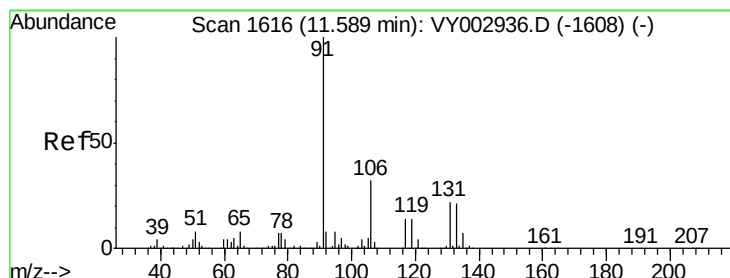
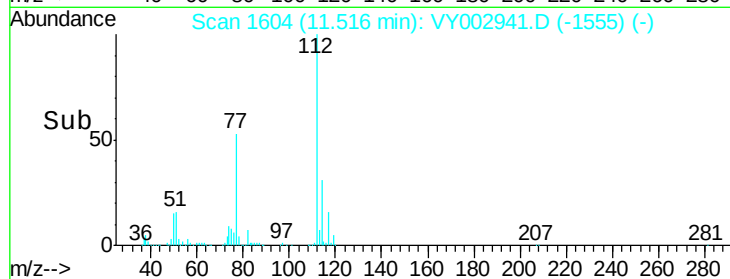
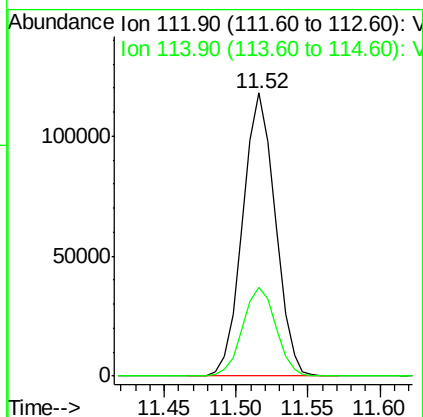
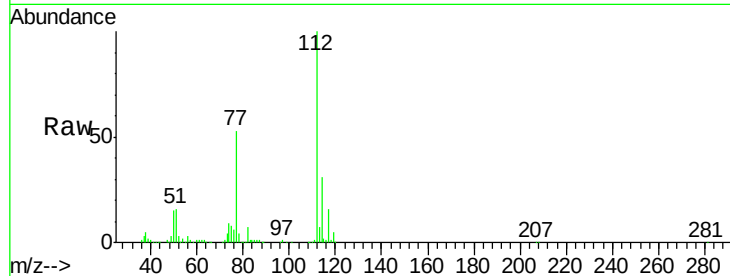




#65
Chlorobenzene
Concen: 18.895 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

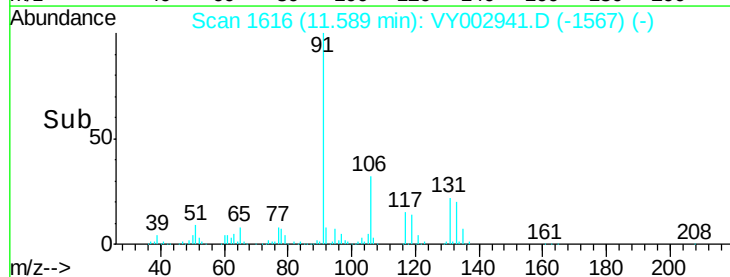
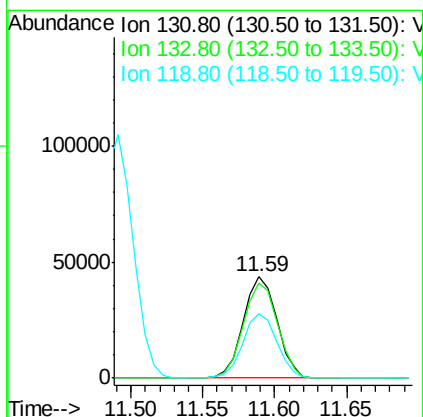
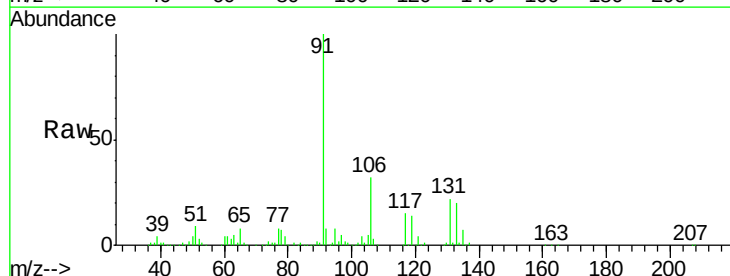
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

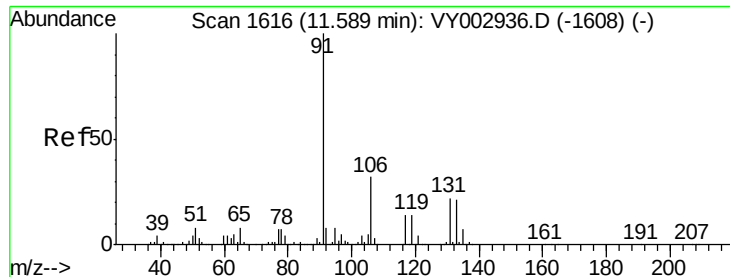
Tgt Ion:112 Resp: 185190
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.097 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion:131 Resp: 70750
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 64.0 31.5 94.5

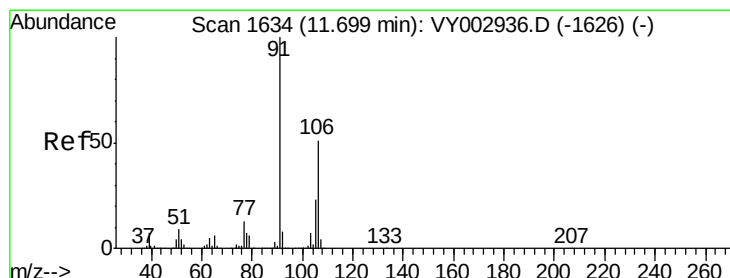
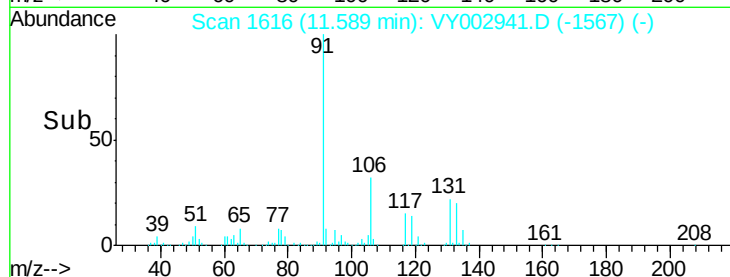
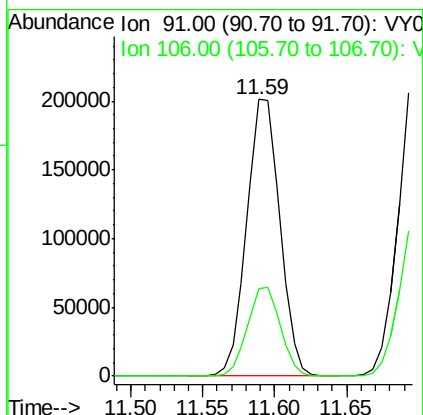
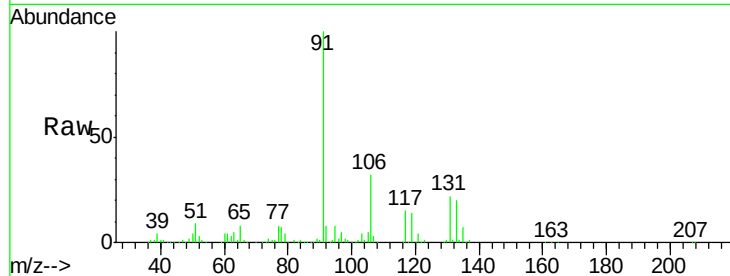




#67
Ethyl Benzene
Concen: 18.934 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

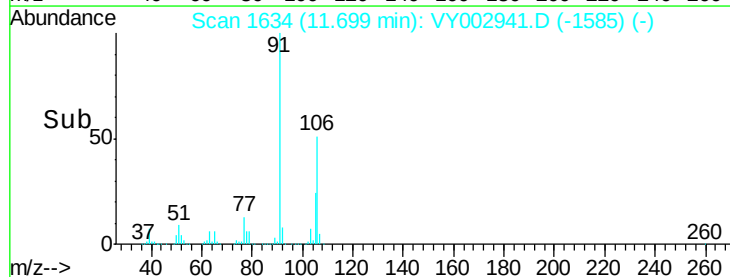
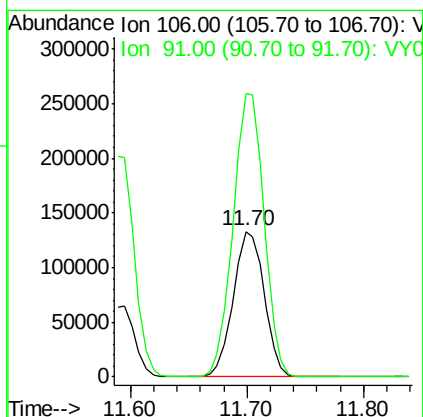
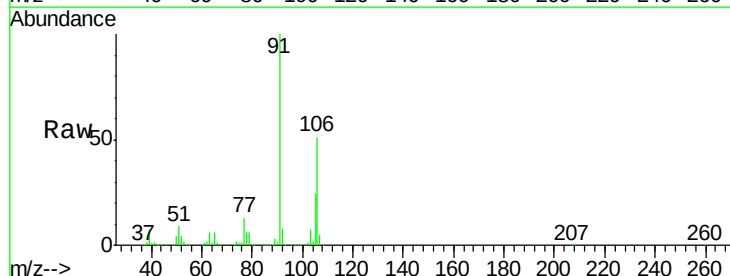
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

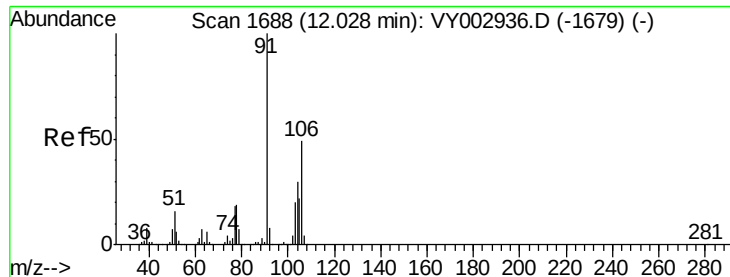
Tgt Ion: 91 Resp: 320111
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8



#68
m/p-Xylenes
Concen: 37.571 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 106 Resp: 246823
Ion Ratio Lower Upper
106 100
91 194.8 155.9 233.9

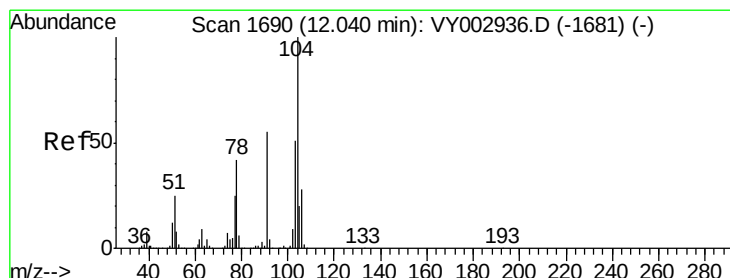
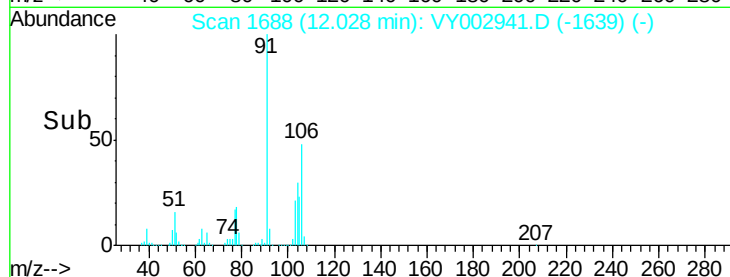
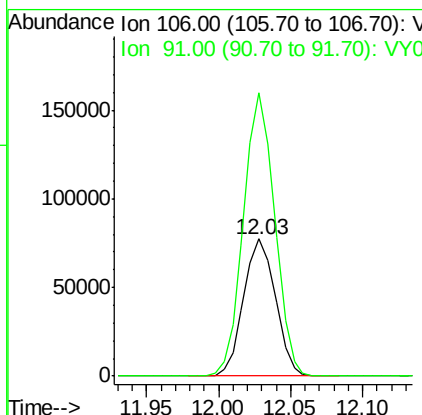
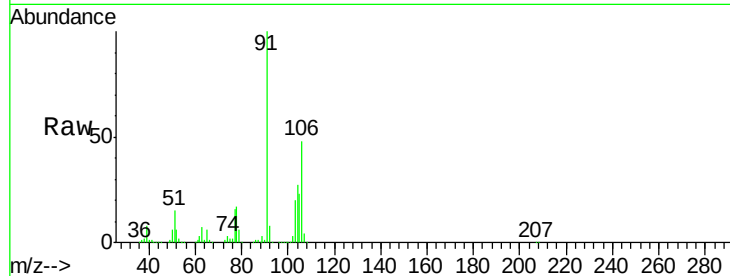




#69
o-Xylene
Concen: 19.178 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

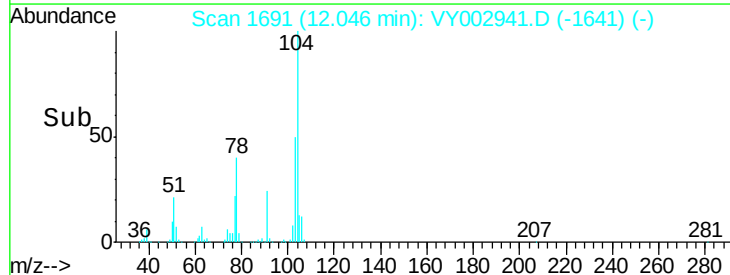
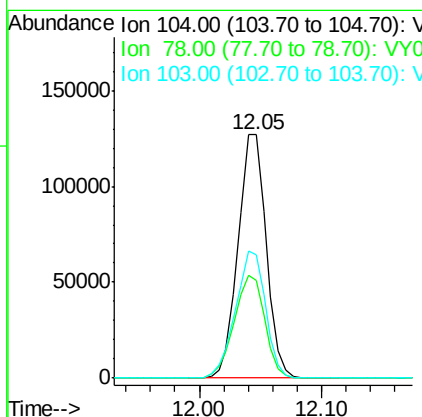
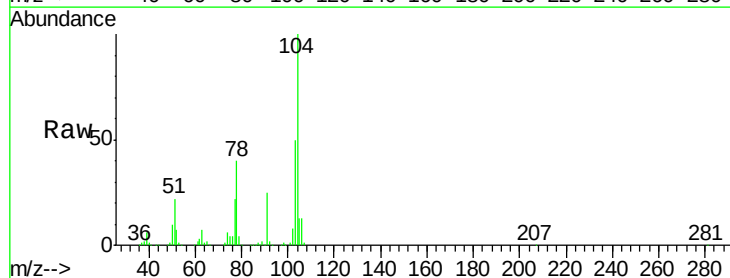
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

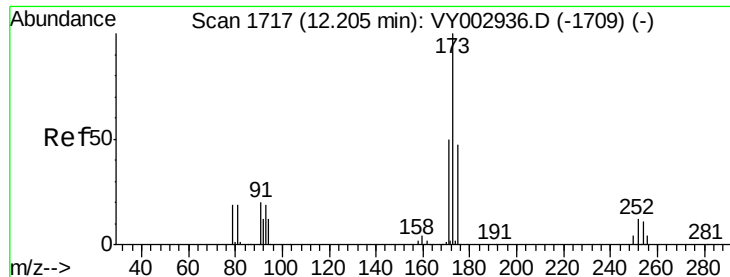
Tgt Ion:106 Resp: 118765
Ion Ratio Lower Upper
106 100
91 202.1 102.1 306.1



#70
Styrene
Concen: 18.932 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion:104 Resp: 202564
Ion Ratio Lower Upper
104 100
78 45.9 36.9 55.3
103 55.6 43.7 65.5





#71

Bromoform

Concen: 18.912 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

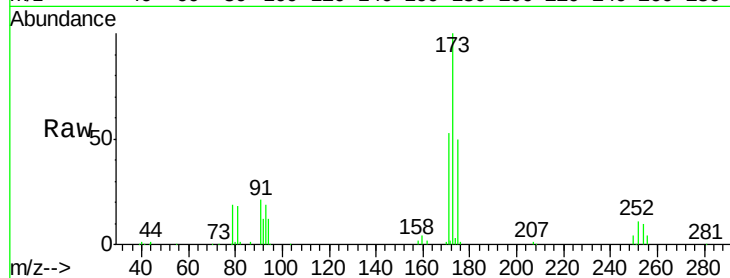
Tgt Ion:173 Resp: 46898

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

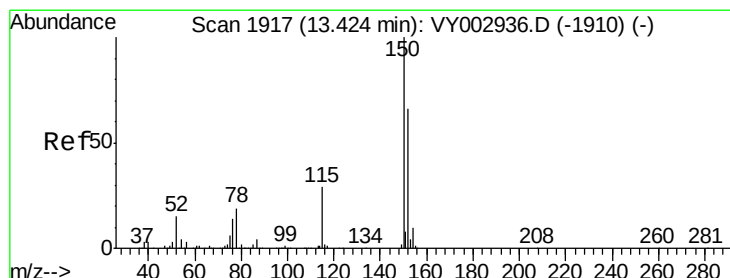
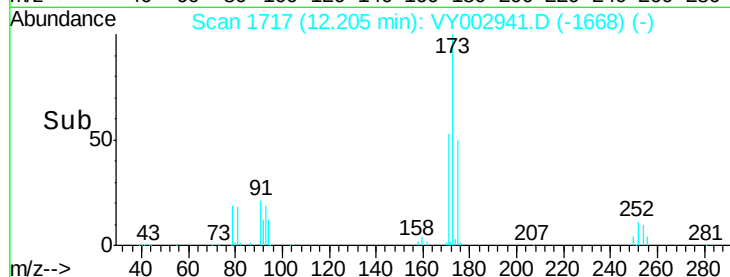
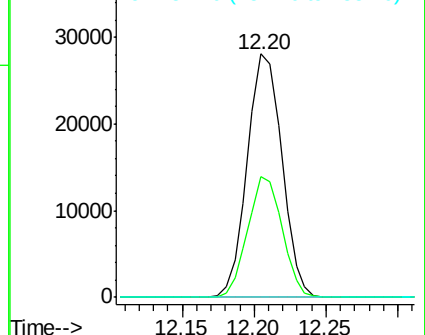
254 0.0 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

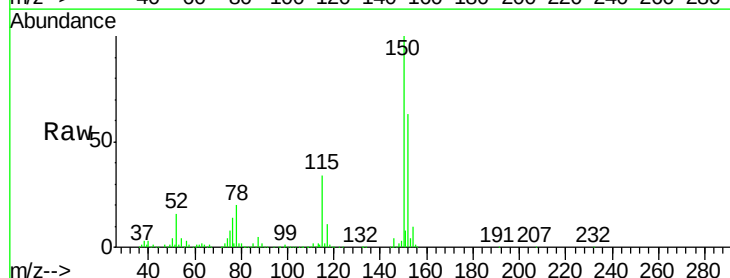
Tgt Ion:152 Resp: 274437

Ion Ratio Lower Upper

152 100

115 54.1 26.9 80.6

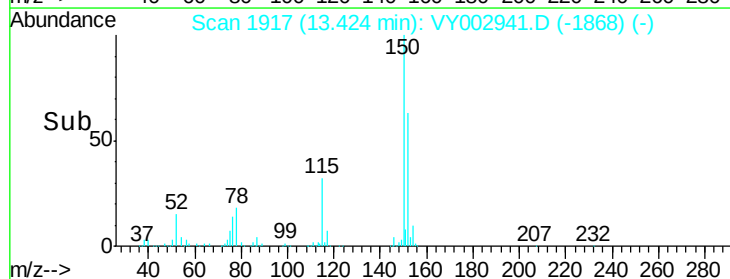
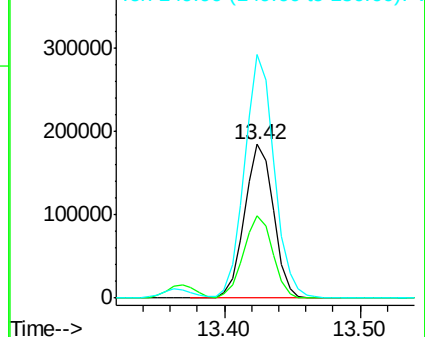
150 162.4 0.0 341.8

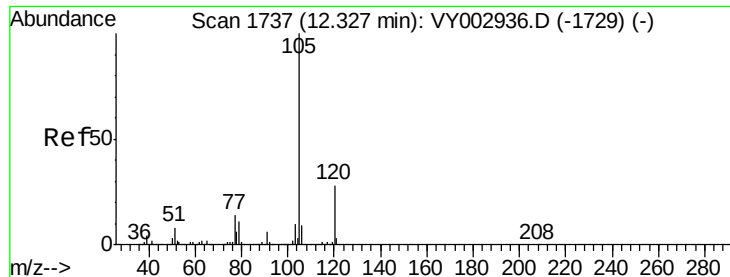


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.002 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

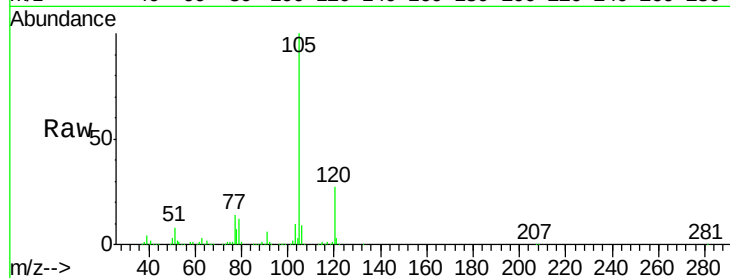
VY0619SBS01

Tgt Ion: 105 Resp: 319610

Ion Ratio Lower Upper

105 100

120 27.8 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

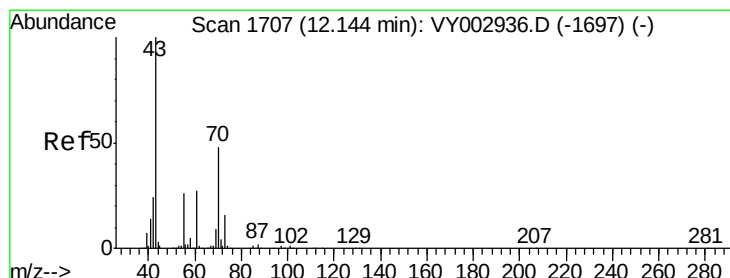
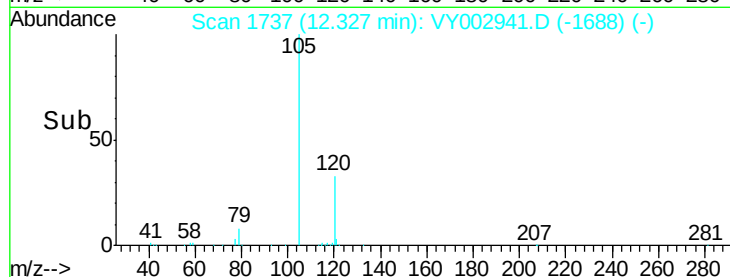
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 18.564 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 80413

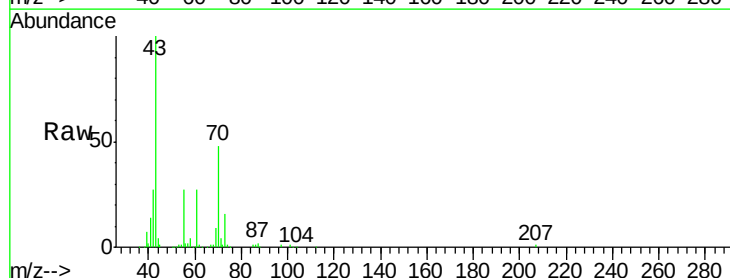
Ion Ratio Lower Upper

43 100

70 48.1 38.0 57.0

55 25.7 20.3 30.5

61 27.0 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

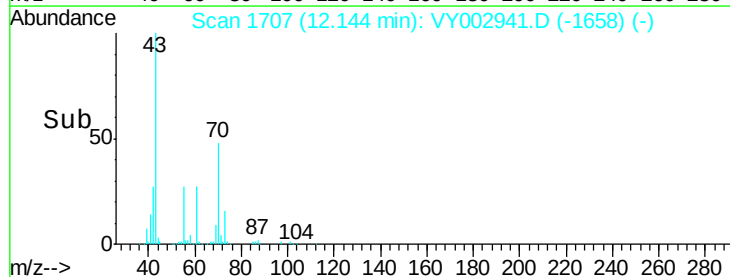
20000

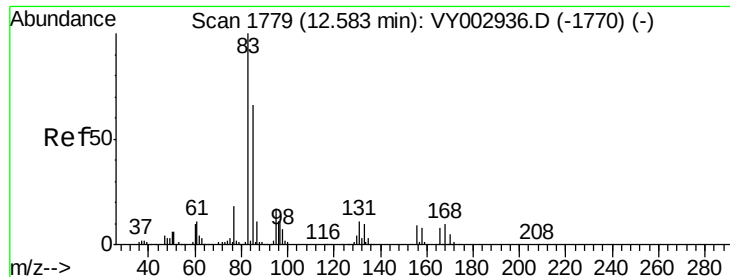
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

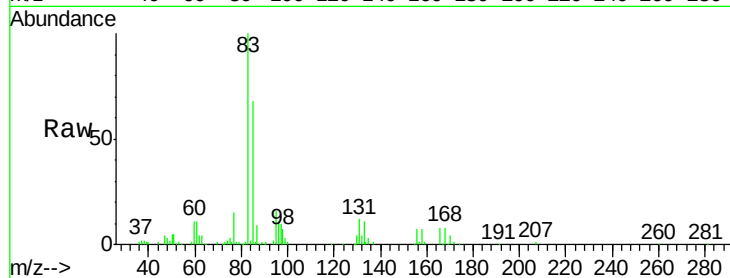
Tgt Ion: 83 Resp: 59110

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

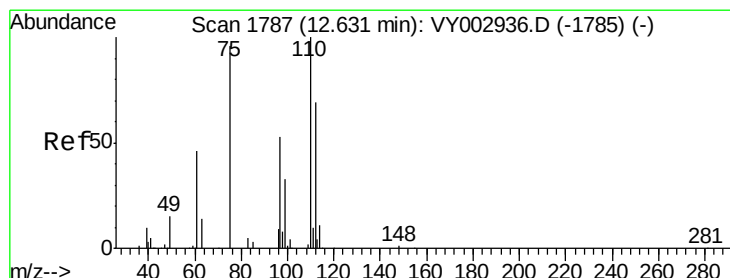
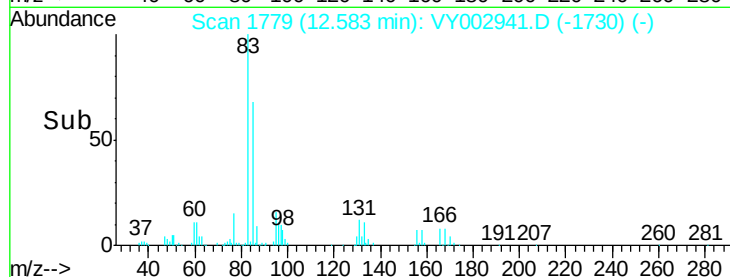
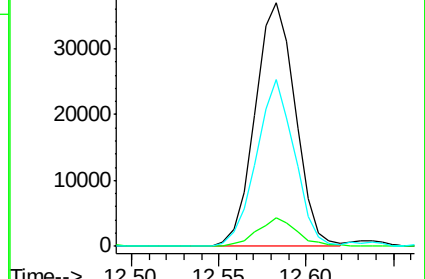
85 65.0 32.8 98.3



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: 35.286 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002941.D

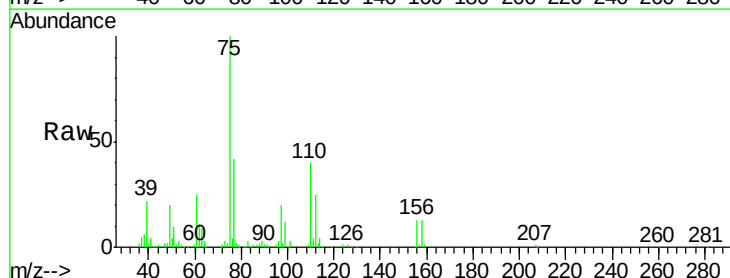
Acq: 19 Jun 2020 16:37

Tgt Ion: 75 Resp: 84337

Ion Ratio Lower Upper

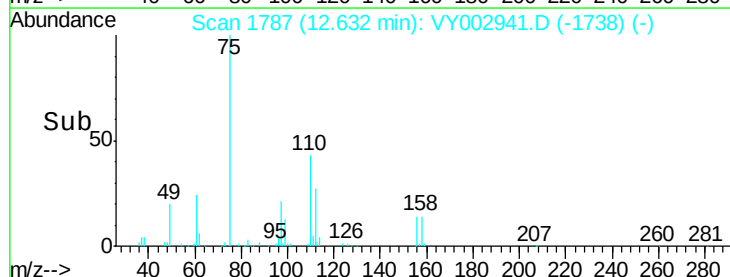
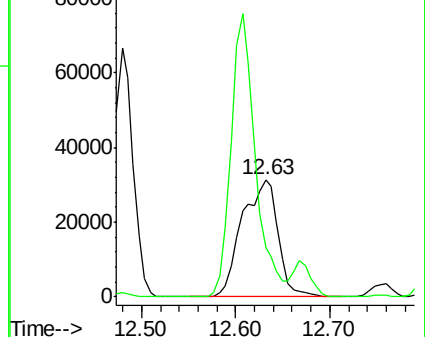
75 100

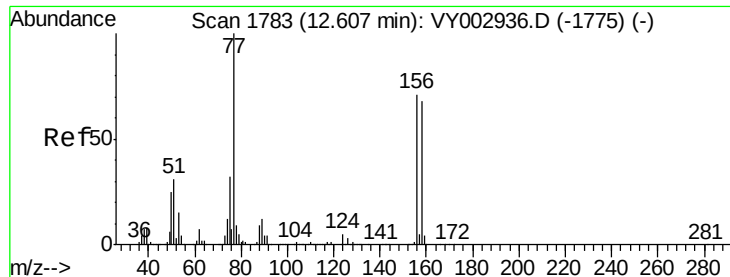
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.098 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

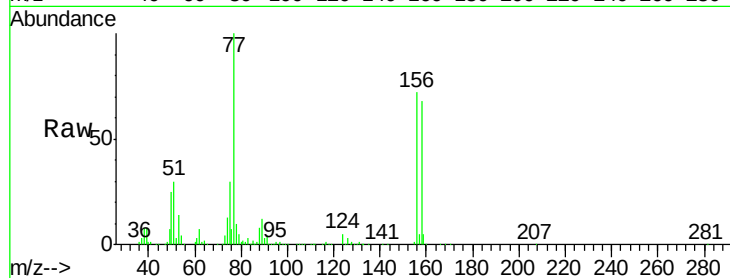
Tgt Ion:156 Resp: 84102

Ion Ratio Lower Upper

156 100

77 161.2 80.5 241.5

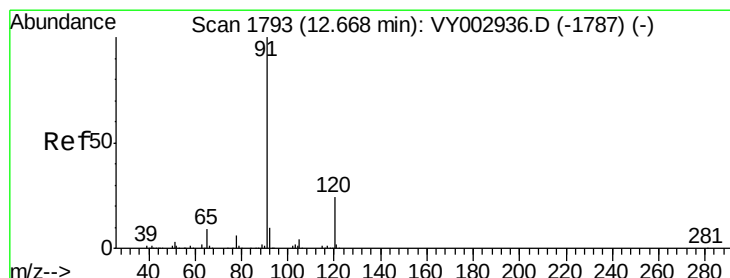
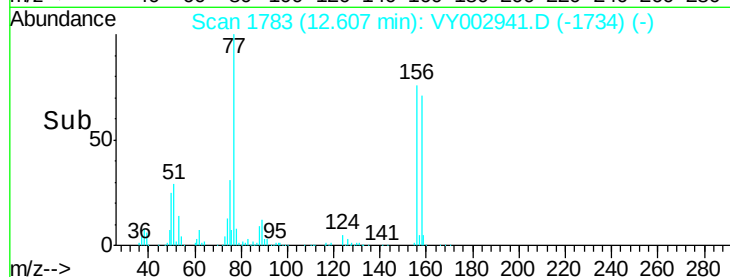
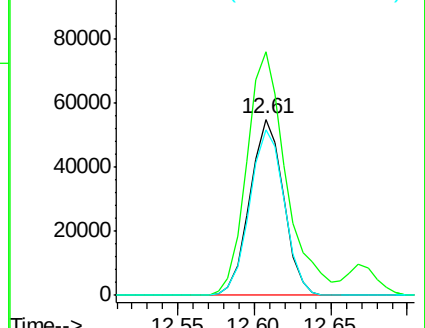
158 96.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.041 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002941.D

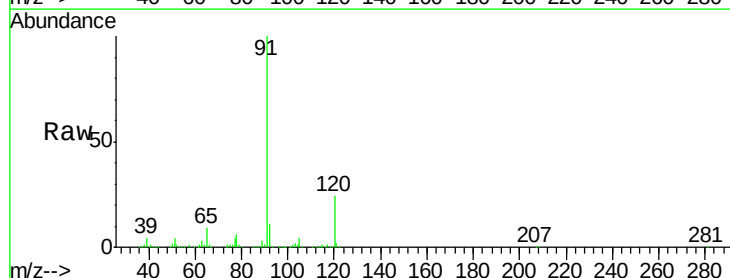
Acq: 19 Jun 2020 16:37

Tgt Ion: 91 Resp: 371549

Ion Ratio Lower Upper

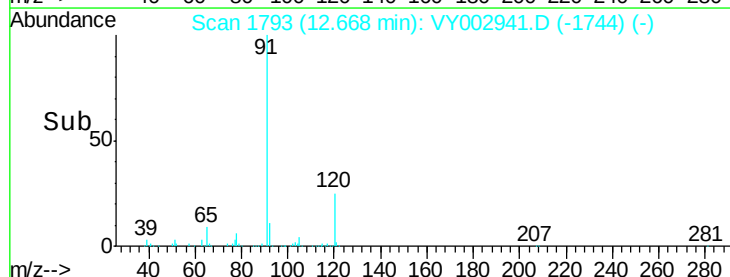
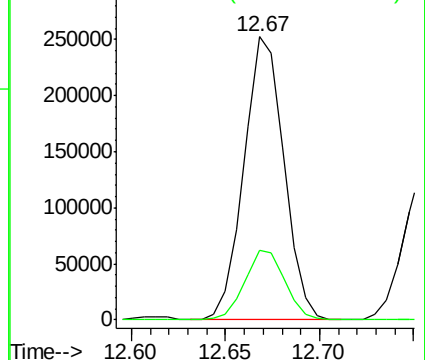
91 100

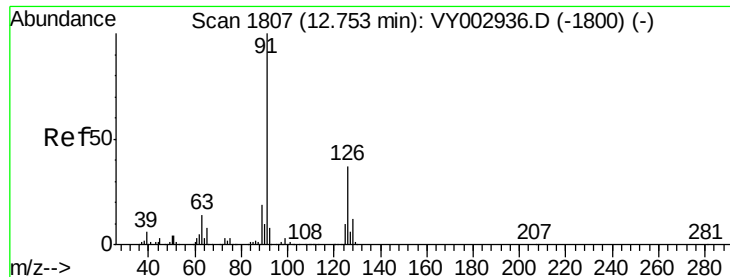
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.053 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampled :

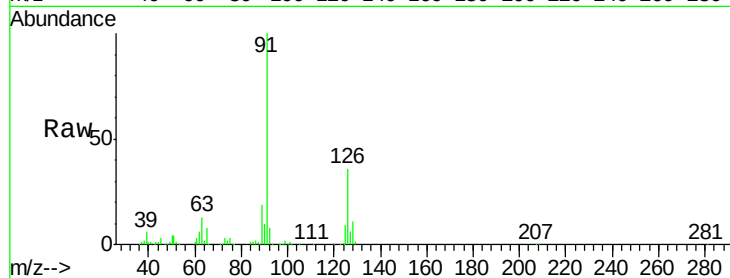
VY0619SBS01

Tgt Ion: 91 Resp: 208237

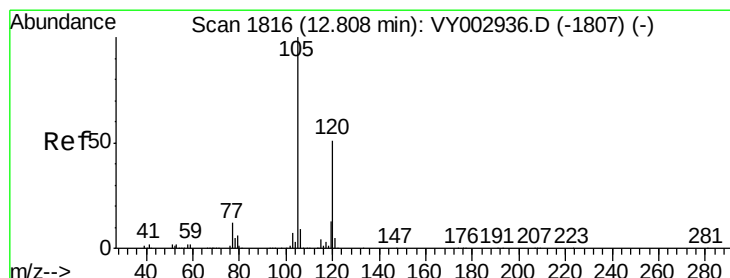
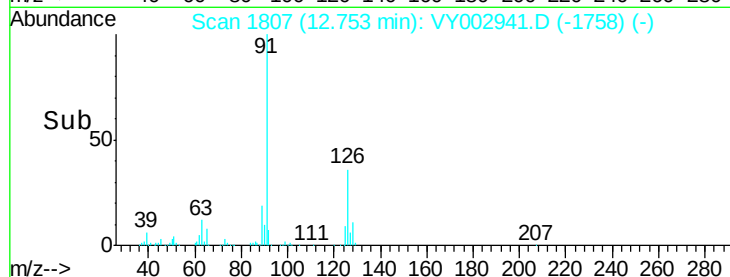
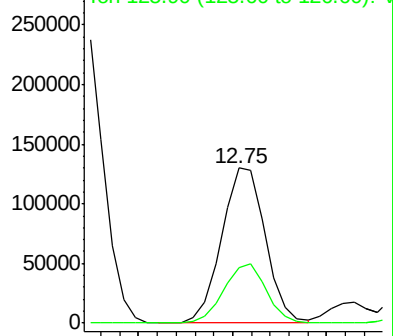
Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002941.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.050 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY002941.D

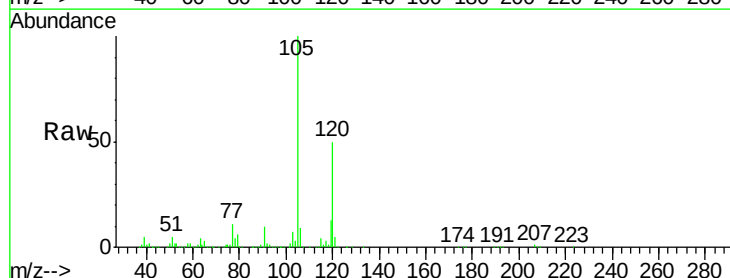
Acq: 19 Jun 2020 16:37

Tgt Ion: 105 Resp: 267117

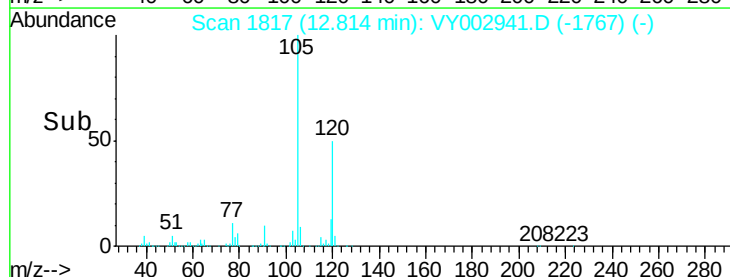
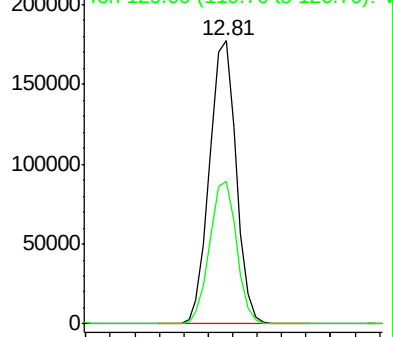
Ion Ratio Lower Upper

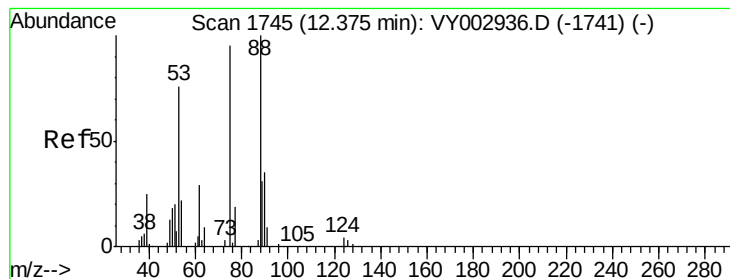
105 100

120 50.8 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002941.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.839 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

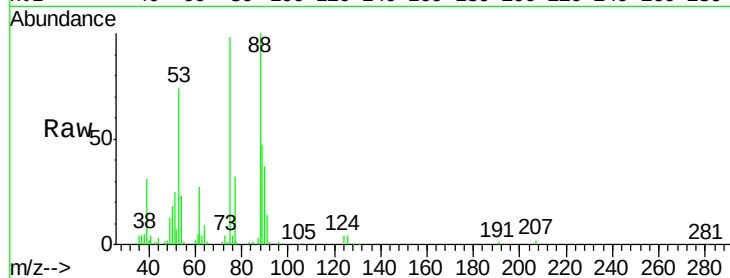
Tgt Ion: 75 Resp: 23584

Ion Ratio Lower Upper

75 100

53 79.4 65.1 97.7

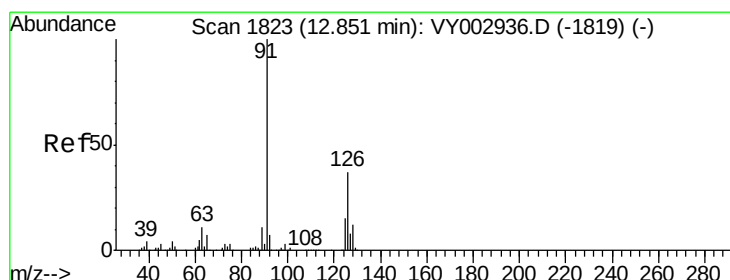
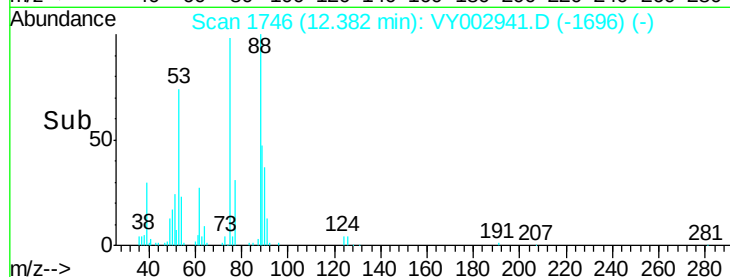
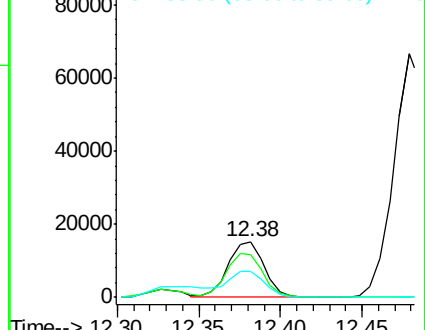
89 51.6 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.053 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002941.D

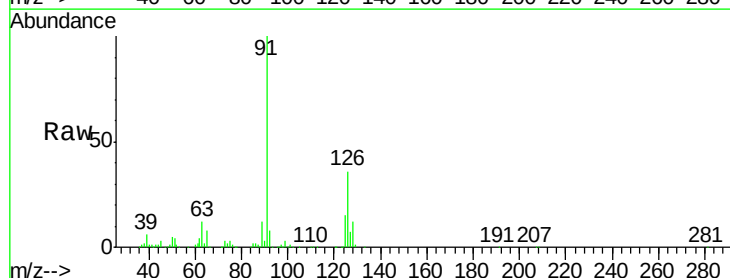
Acq: 19 Jun 2020 16:37

Tgt Ion: 91 Resp: 218996

Ion Ratio Lower Upper

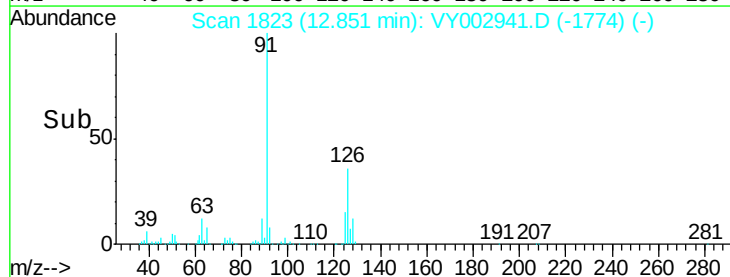
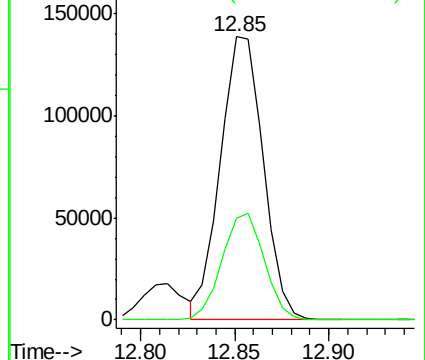
91 100

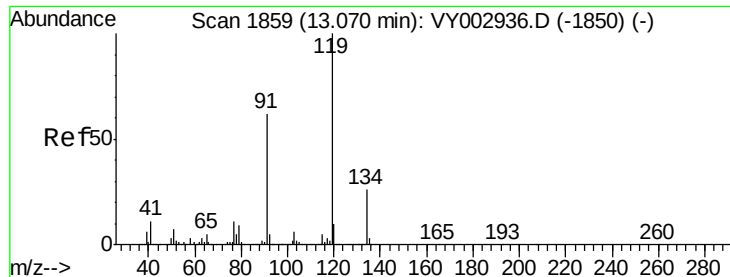
126 37.2 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.076 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

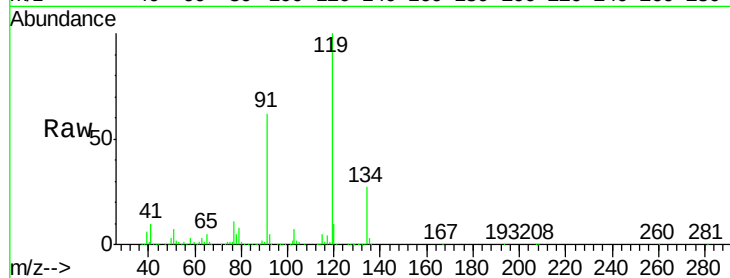
Tgt Ion:119 Resp: 239591

Ion Ratio Lower Upper

119 100

91 59.6 29.9 89.7

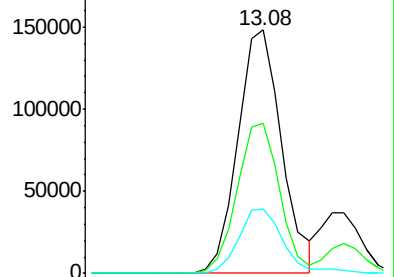
134 27.3 13.3 39.8



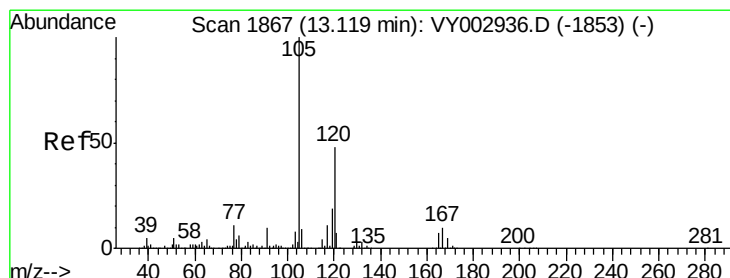
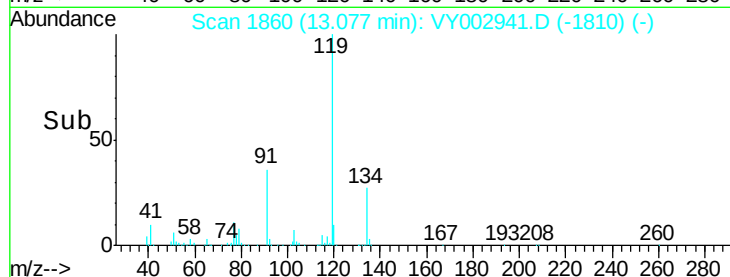
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 19.143 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002941.D

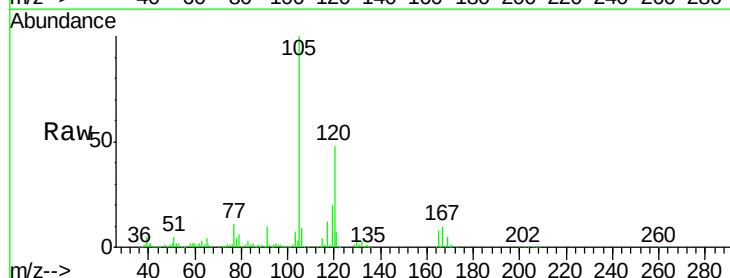
Acq: 19 Jun 2020 16:37

Tgt Ion:105 Resp: 270091

Ion Ratio Lower Upper

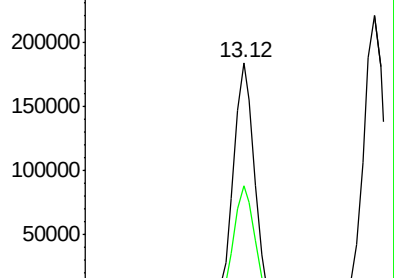
105 100

120 47.3 23.5 70.5

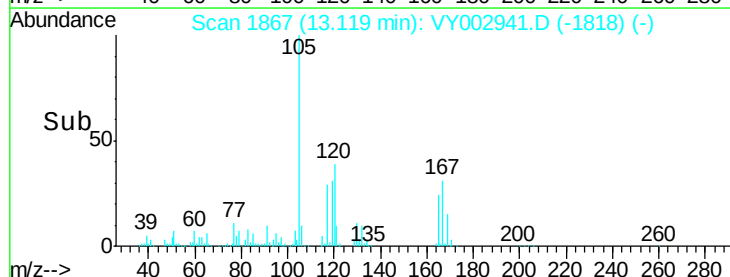


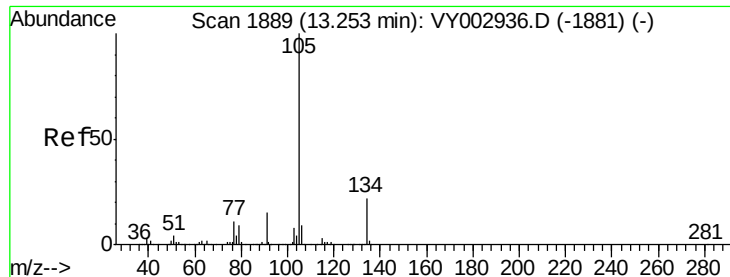
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 19.135 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

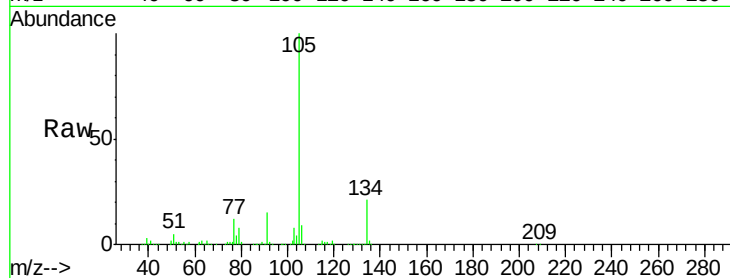
VY0619SBS01

Tgt Ion:105 Resp: 326921

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

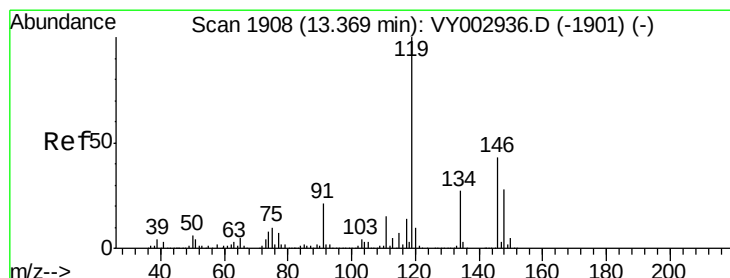
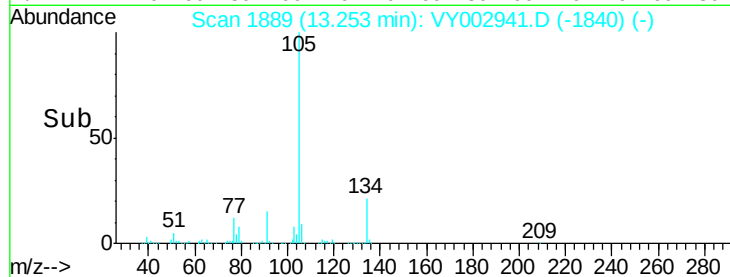
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002941.D

Acq: 19 Jun 2020 16:37

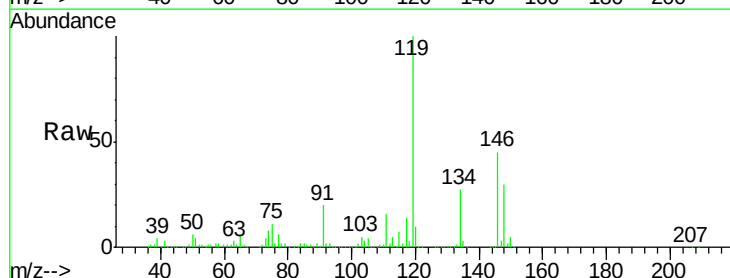
Tgt Ion:119 Resp: 309983

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 21.4 10.8 32.4



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

300000

250000

200000

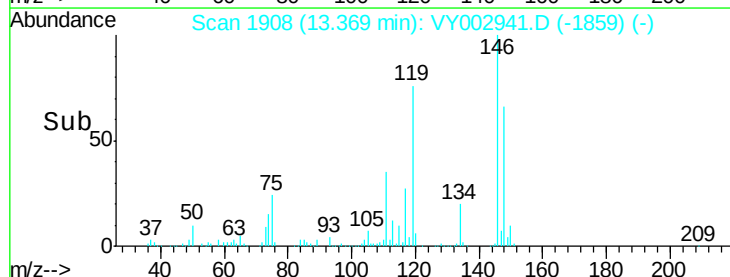
150000

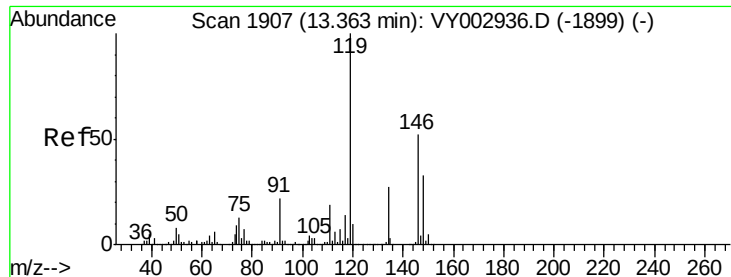
100000

50000

0

Time-->

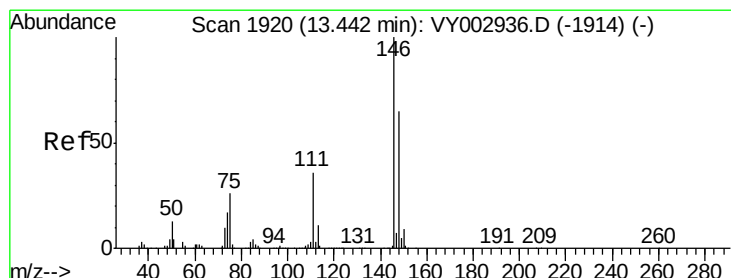
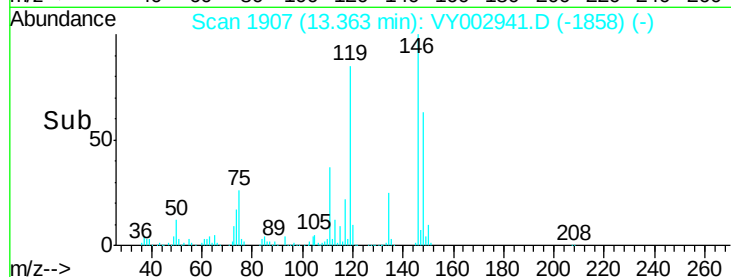
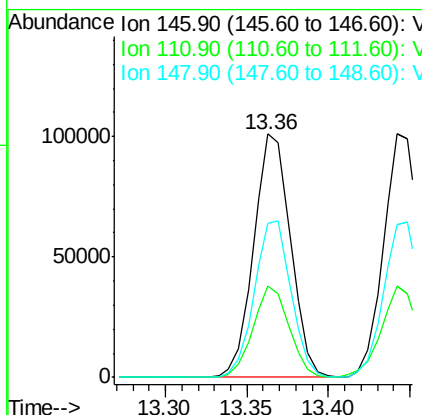
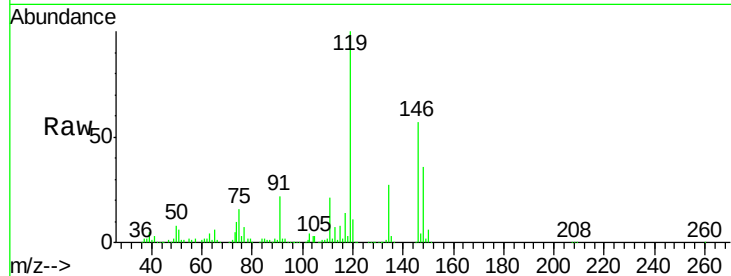




#87
 1,3-Dichlorobenzene
 Concen: 19.153 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

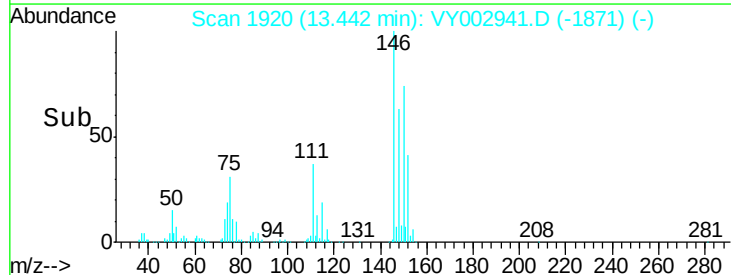
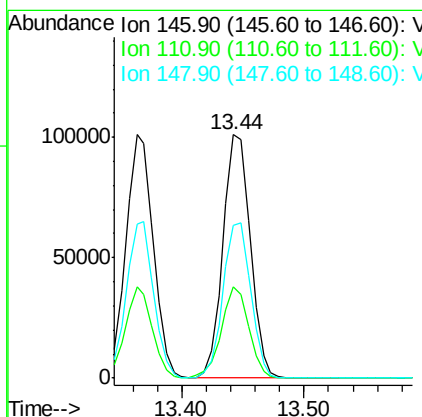
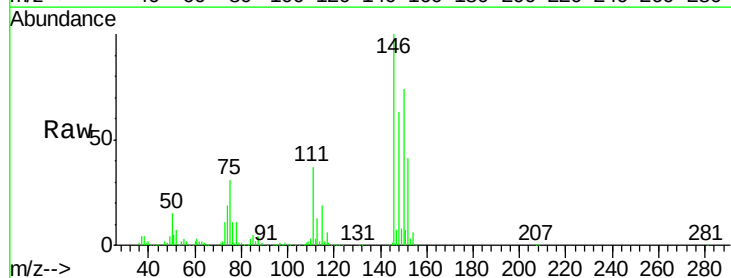
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

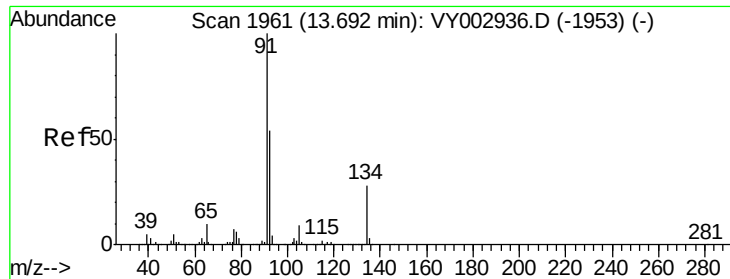
Tgt Ion:146 Resp: 158983
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.2 54.6
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.808 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:146 Resp: 156339
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 64.8 32.1 96.5

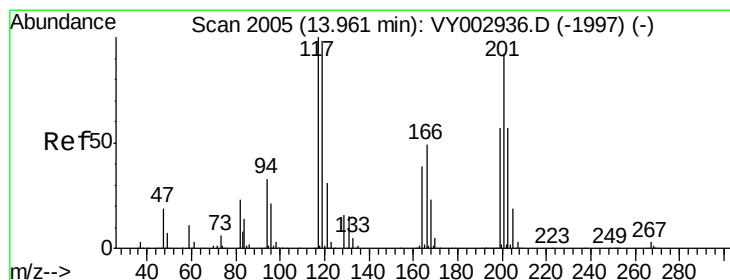
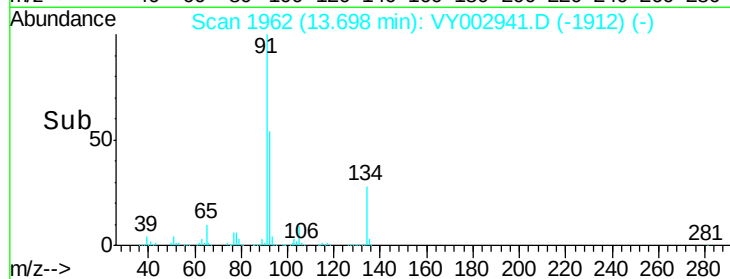
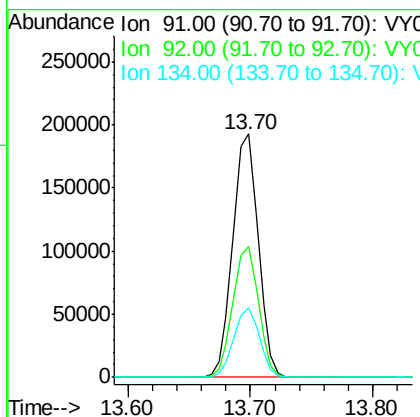
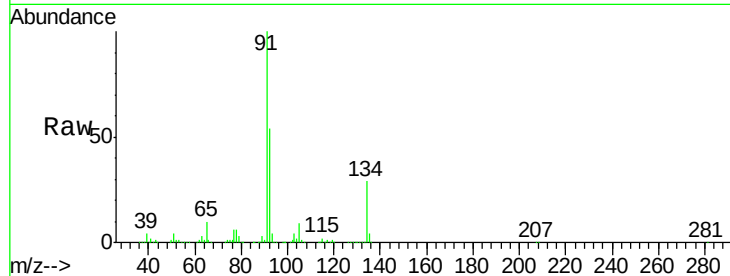




#89
n-Butylbenzene
Concen: 19.190 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

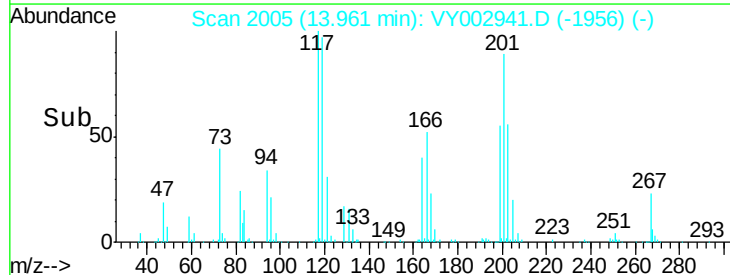
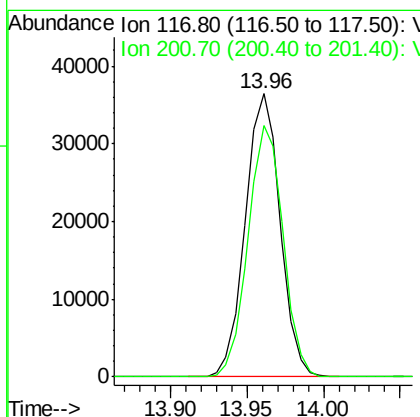
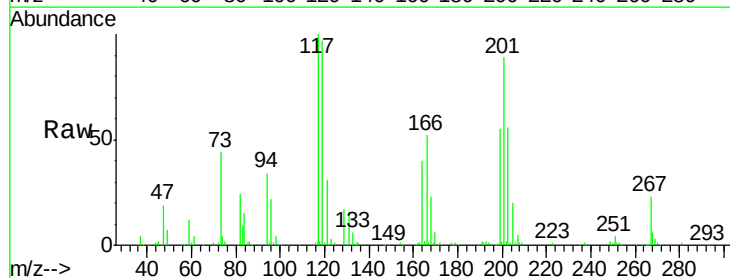
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

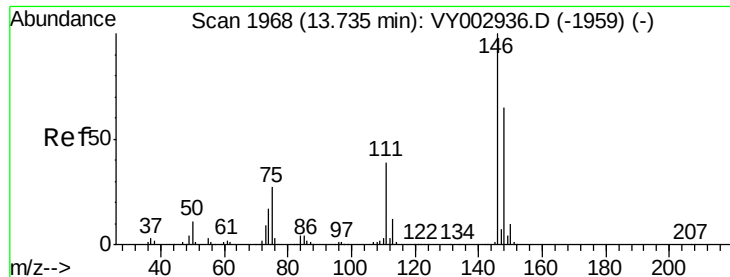
Tgt Ion: 91 Resp: 278009
Ion Ratio Lower Upper
91 100
92 54.0 27.0 80.8
134 28.8 14.5 43.5



#90
Hexachloroethane
Concen: 19.273 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion: 117 Resp: 57529
Ion Ratio Lower Upper
117 100
201 89.3 45.1 135.5

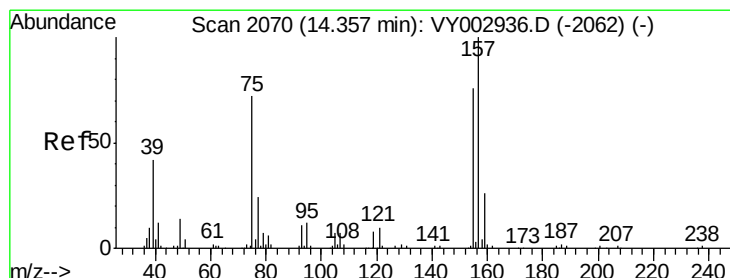
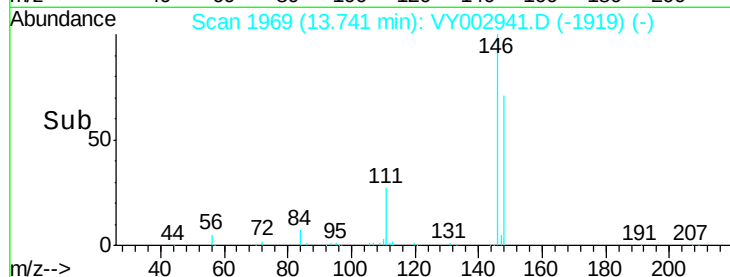
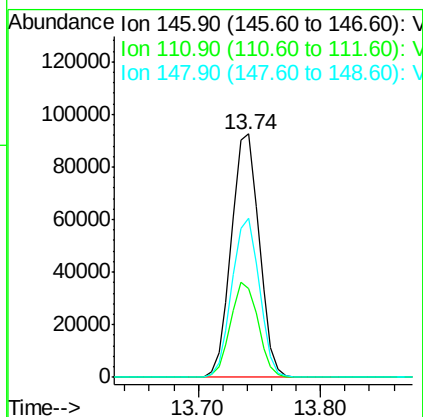
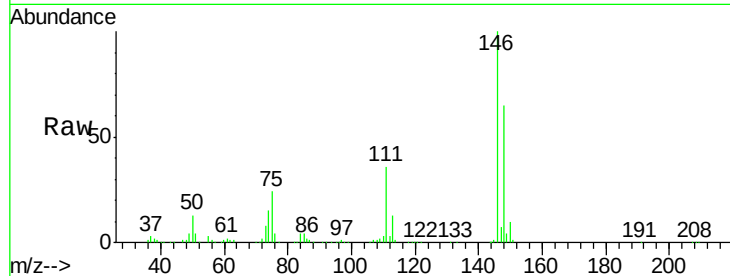




#91
 1,2-Dichlorobenzene
 Concen: 19.218 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

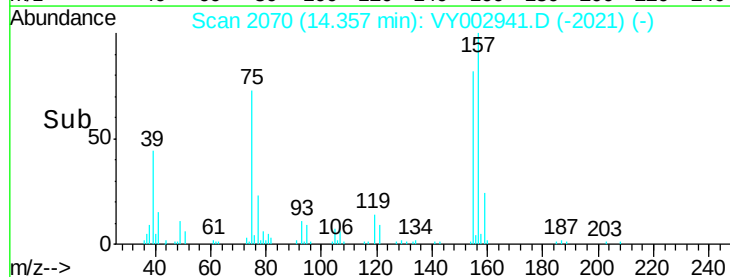
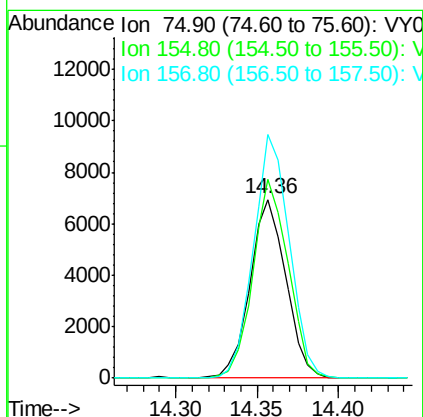
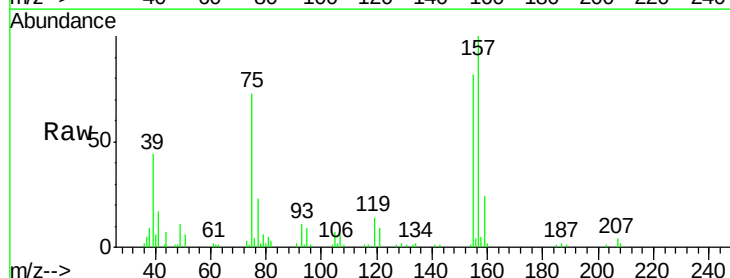
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

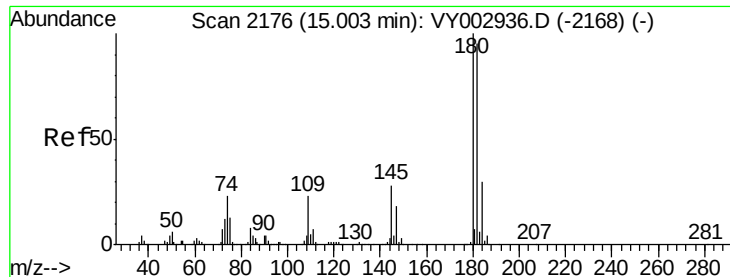
Tgt Ion: 146 Resp: 145190
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.310 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion: 75 Resp: 10667
 Ion Ratio Lower Upper
 75 100
 155 109.3 53.1 159.4
 157 135.8 69.0 206.9

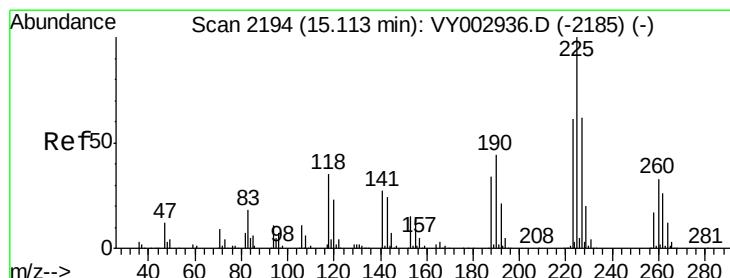
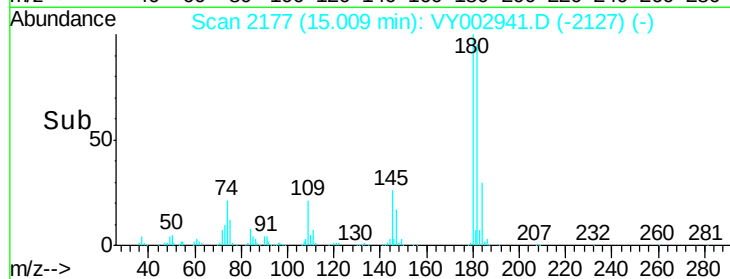
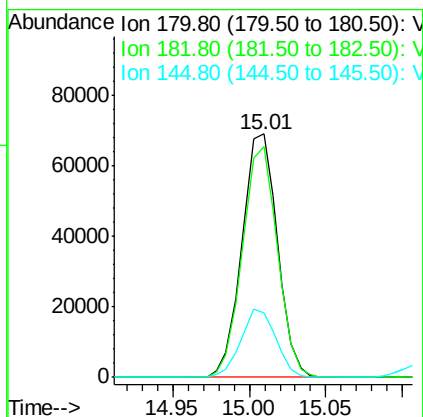
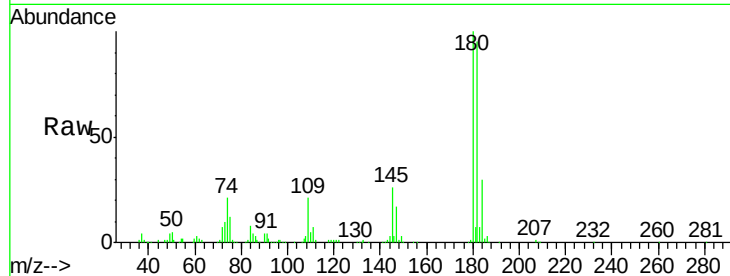




#93
 1,2,4-Trichlorobenzene
 Concen: 19.648 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

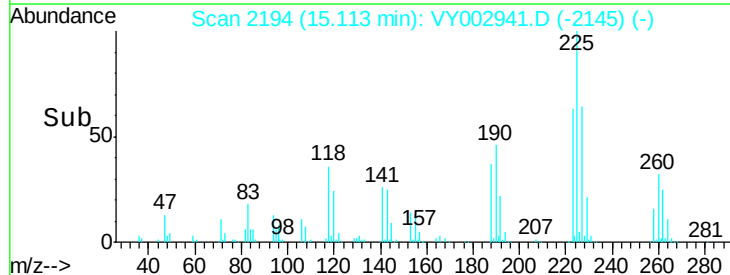
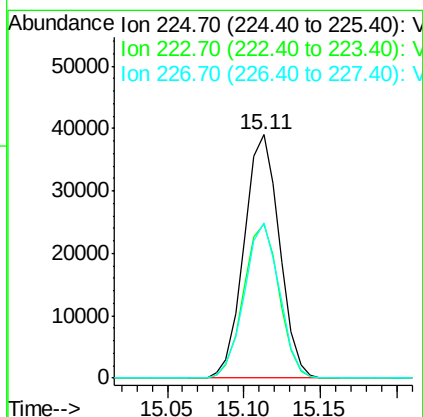
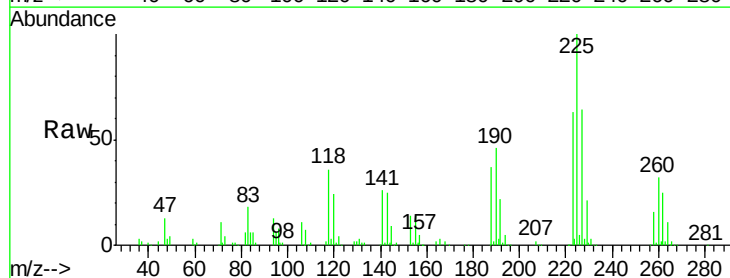
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

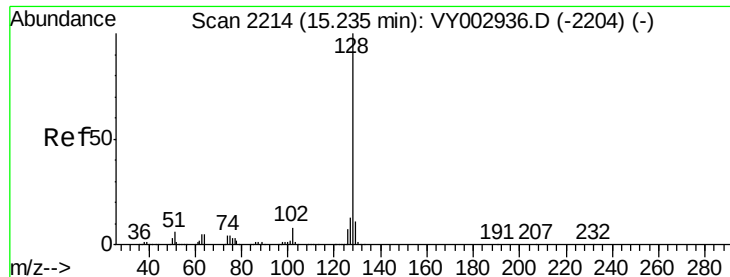
Tgt Ion:180 Resp: 111384
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.9 143.6
 145 27.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 19.202 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002941.D
 Acq: 19 Jun 2020 16:37

Tgt Ion:225 Resp: 62742
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 63.2 31.9 95.7

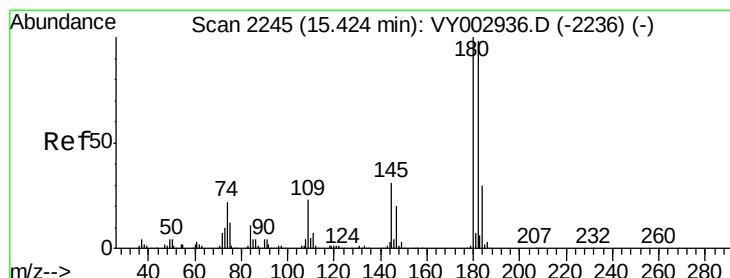
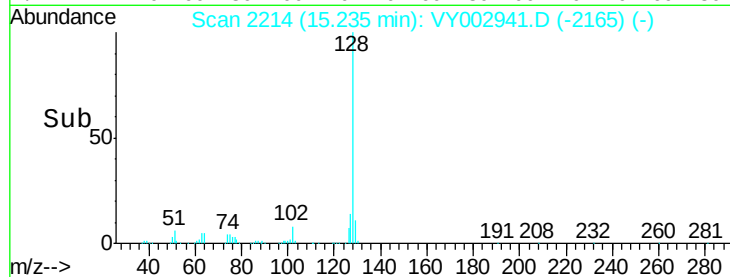
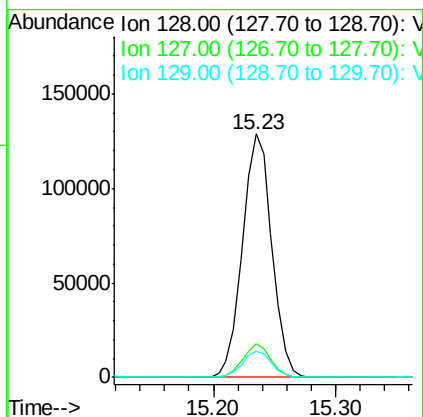
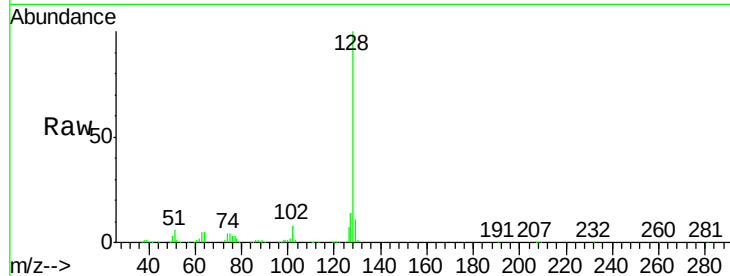




#95
Naphthalene
Concen: 18.943 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:128 Resp: 214032
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.174 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002941.D
Acq: 19 Jun 2020 16:37

Tgt Ion:180 Resp: 96977
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 30.0 15.0 45.0

