

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001024.D
 Acq On : 23 Dec 2019 13:39
 Operator : SY/MD
 Sample : VY1223SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Quant Time: Dec 24 04:41:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	617374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	166732	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.72	113	171457	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.18	98	722567	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.48	95	238515	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	66268	21.285	ug/l	98
3) Chloromethane	2.12	50	88075	20.786	ug/l	98
4) Vinyl Chloride	2.25	62	86765	21.085	ug/l	99
5) Bromomethane	2.64	94	55073	20.286	ug/l	96
6) Chloroethane	2.79	64	52393	20.443	ug/l	94
7) Trichlorofluoromethane	3.13	101	119903	19.866	ug/l	96
8) Diethyl Ether	3.54	74	44714	18.149	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	77362	19.513	ug/l	97
10) Methyl Iodide	4.09	142	103480	18.891	ug/l	98
11) Tert butyl alcohol	4.96	59	28104	72.535	ug/l	98
12) 1,1-Dichloroethene	3.88	96	78629	19.589	ug/l	99
13) Acrolein	3.73	56	36136	75.272	ug/l	97
14) Allyl chloride	4.49	41	122654	19.671	ug/l	98
15) Acrylonitrile	5.17	53	107427	87.247	ug/l	98
16) Acetone	3.96	43	71008	87.470	ug/l	94
17) Carbon Disulfide	4.20	76	256659	19.568	ug/l	98
18) Methyl Acetate	4.48	43	51454	16.521	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	184680	17.827	ug/l	94
20) Methylene Chloride	4.72	84	97751	20.457	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	90604	20.368	ug/l	99
22) Diisopropyl ether	6.13	45	245386	19.470	ug/l	97
23) Vinyl Acetate	6.07	43	730486	91.774	ug/l	99
24) 1,1-Dichloroethane	6.03	63	145104	19.482	ug/l	97
25) 2-Butanone	7.00	43	118291	82.946	ug/l	97
26) 2,2-Dichloropropane	6.99	77	118418	19.352	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	96076	19.659	ug/l	99
28) Bromochloromethane	7.34	49	50285	17.303	ug/l	100
29) Tetrahydrofuran	7.35	42	81761	80.598	ug/l	98
30) Chloroform	7.52	83	139360	19.788	ug/l	100
31) Cyclohexane	7.78	56	153400	19.587	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	118860	19.784	ug/l	100
36) 1,1-Dichloropropene	7.92	75	119513	20.292	ug/l	99
37) Ethyl Acetate	7.08	43	52098	15.975	ug/l	97
38) Carbon Tetrachloride	7.91	117	102753	19.912	ug/l	98

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Instrument :
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 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	161625	20.665	ug/l	98
40) Benzene	8.16	78	352343	19.830	ug/l	99
41) Methacrylonitrile	7.35	41	71601	50.641	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	83300	19.609	ug/l	99
43) Isopropyl Acetate	8.28	43	102767	17.023	ug/l	98
44) Trichloroethene	8.94	130	93200	19.908	ug/l	96
45) 1,2-Dichloropropane	9.22	63	86467	19.398	ug/l	97
46) Dibromomethane	9.31	93	43582	18.967	ug/l	98
47) Bromodichloromethane	9.50	83	102731	19.301	ug/l	99
48) Methyl methacrylate	9.30	41	43854	17.023	ug/l	99
49) 1,4-Dioxane	9.30	88	10279	305.806	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	261177	83.004	ug/l	100
52) Toluene	10.24	92	214634	19.626	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	106810	18.491	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	135114	19.452	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	63987	18.653	ug/l	100
56) Ethyl methacrylate	10.51	69	85272	17.466	ug/l	98
57) 1,3-Dichloropropane	10.79	76	109816	18.264	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	163703	86.814	ug/l	98
59) 2-Hexanone	10.83	43	177064	81.325	ug/l	99
60) Dibromochloromethane	10.99	129	67868	18.522	ug/l	99
61) 1,2-Dibromoethane	11.08	107	59766	18.220	ug/l	96
64) Tetrachloroethene	10.72	164	95718	20.593	ug/l	98
65) Chlorobenzene	11.52	112	223841	20.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73299	19.933	ug/l	99
67) Ethyl Benzene	11.59	91	409621	20.437	ug/l	100
68) m/p-Xylenes	11.70	106	310956	40.860	ug/l	99
69) o-Xylene	12.03	106	147378	20.585	ug/l	100
70) Styrene	12.04	104	244741	20.104	ug/l	99
71) Bromoform	12.20	173	38033	18.575	ug/l #	97
73) Isopropylbenzene	12.33	105	394184	20.688	ug/l	100
74) N-amyl acetate	12.14	43	89477	17.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66529	17.724	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	93130	30.681	ug/l #	100
77) Bromobenzene	12.61	156	83457	19.475	ug/l	99
78) n-propylbenzene	12.67	91	473845	20.409	ug/l	99
79) 2-Chlorotoluene	12.75	91	260826	20.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	323075	20.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25019	17.579	ug/l	98
82) 4-Chlorotoluene	12.85	91	269432	20.231	ug/l	100
83) tert-Butylbenzene	13.07	119	270987	20.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	323489	20.611	ug/l	100
85) sec-Butylbenzene	13.25	105	405246	20.967	ug/l	99
86) p-Isopropyltoluene	13.36	119	352718	21.090	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	167859	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	167565	20.182	ug/l	98
89) n-Butylbenzene	13.69	91	360217	21.408	ug/l	99
90) Hexachloroethane	13.96	117	64691	20.531	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	152231	20.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10490	16.703	ug/l	97

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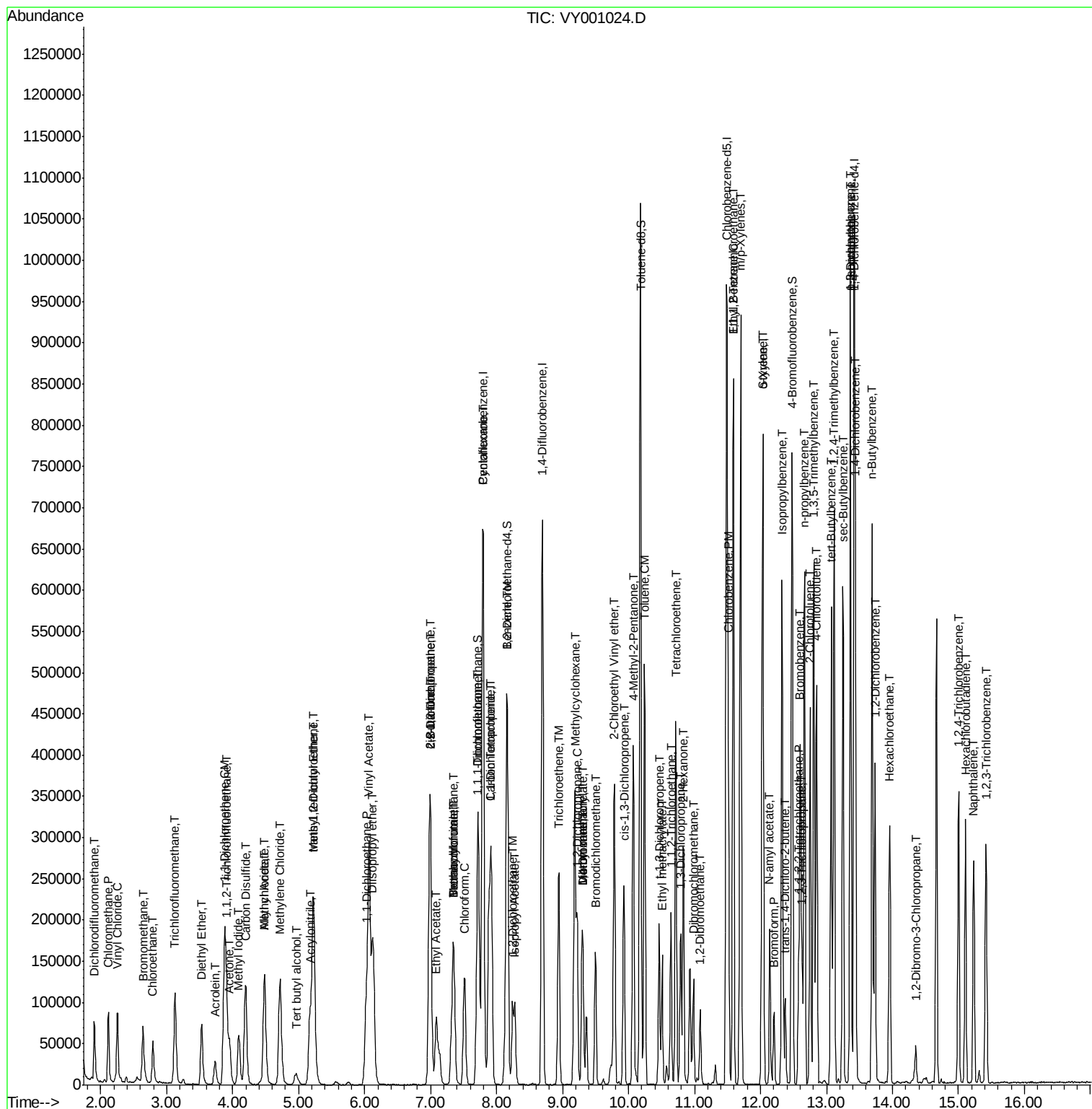
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106586	20.799	ug/l	100
94) Hexachlorobutadiene	15.11	225	53081	21.767	ug/l	99
95) Naphthalene	15.23	128	225366	18.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89110	19.499	ug/l	98

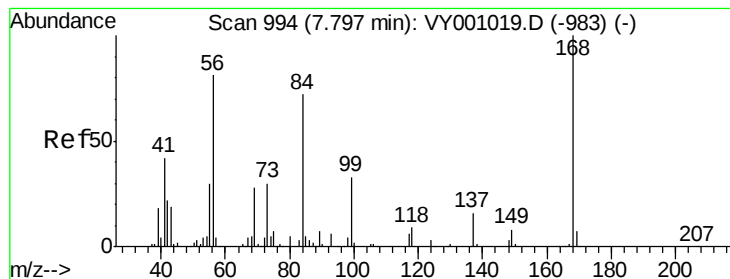
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
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QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

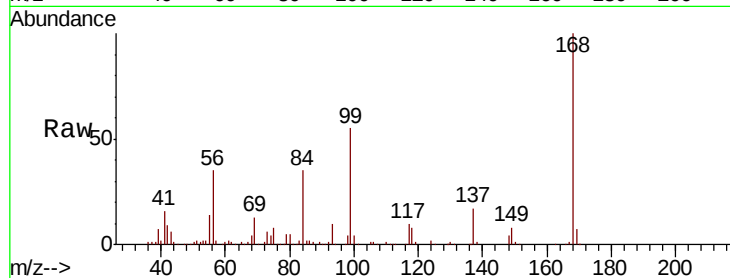
VY1223SBS01

Tot Ion:168 Resp: 357286

Ion Ratio Lower Upper

168 100

99 54.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

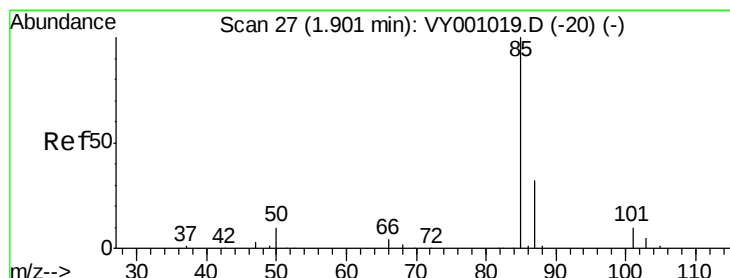
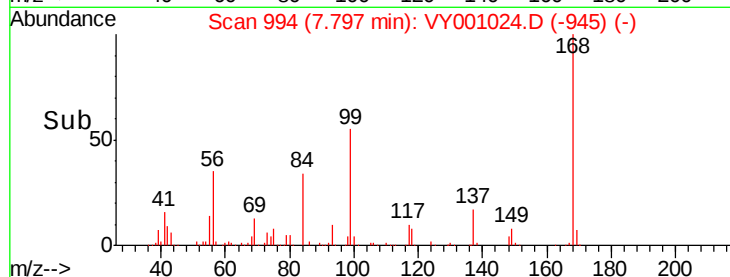
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.285 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001024.D

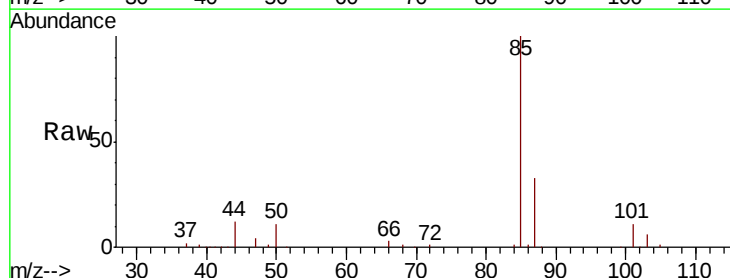
Acq: 23 Dec 2019 13:39

Tgt Ion: 85 Resp: 66268

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

40000

30000

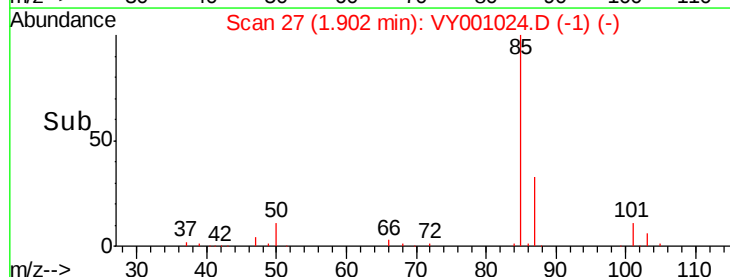
20000

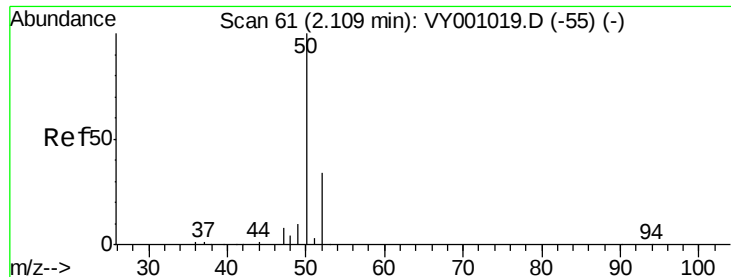
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.786 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

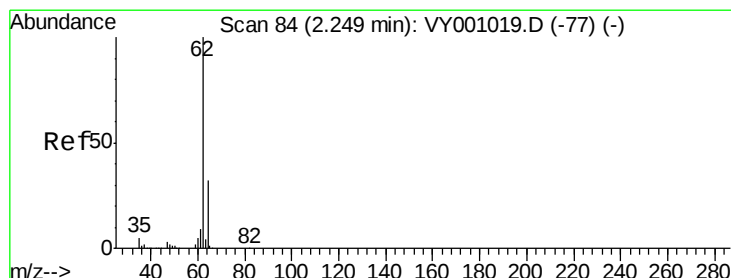
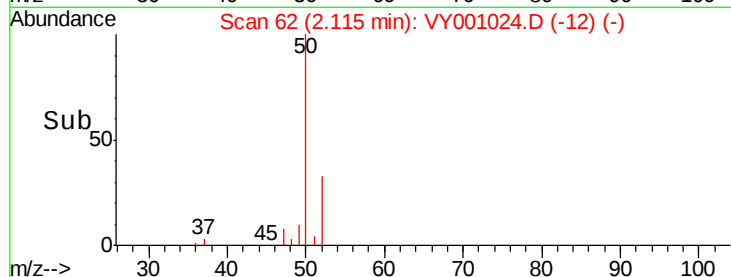
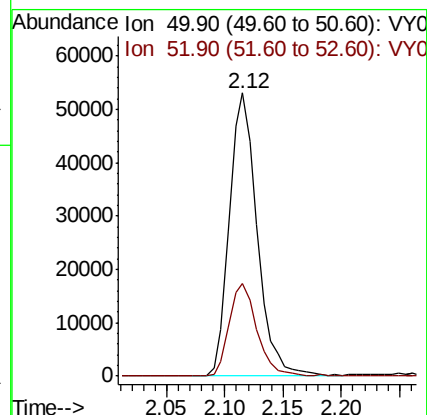
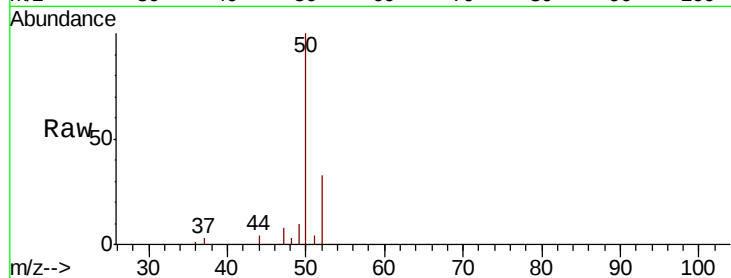
VY1223SBS01

Tot Ion: 50 Resp: 88075

Ion Ratio Lower Upper

50 100

52 32.9 27.1 40.7



#4

Vinyl Chloride

Concen: 21.085 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001024.D

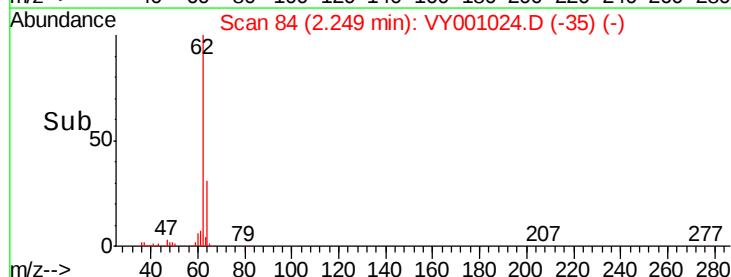
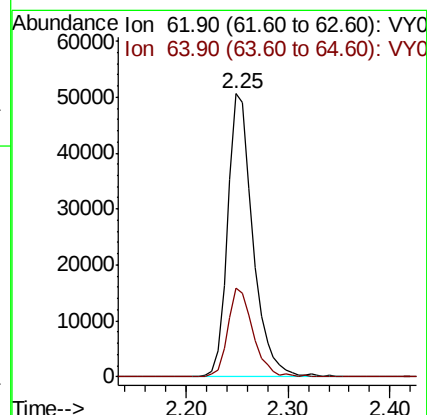
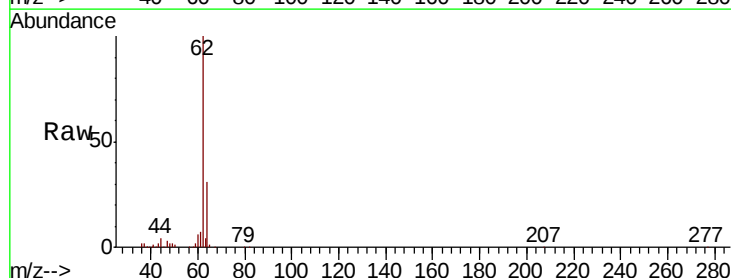
Acq: 23 Dec 2019 13:39

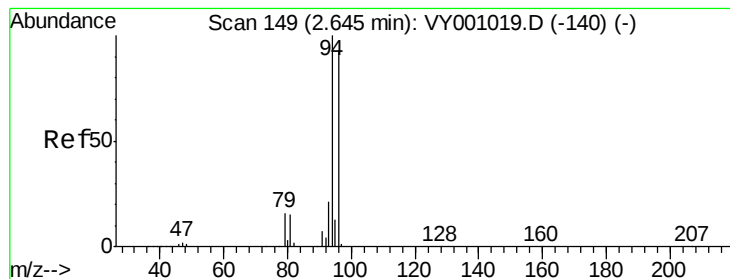
Tgt Ion: 62 Resp: 86765

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 20.286 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

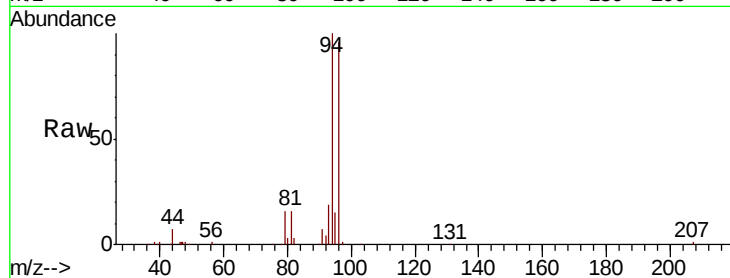
VY1223SBS01

Tot Ion: 94 Resp: 55073

Ion Ratio Lower Upper

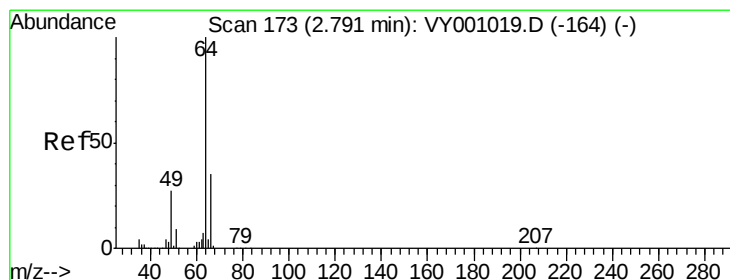
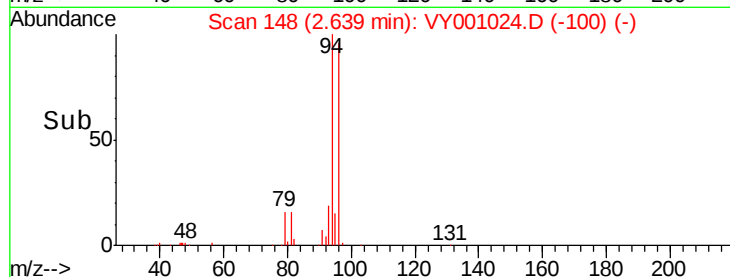
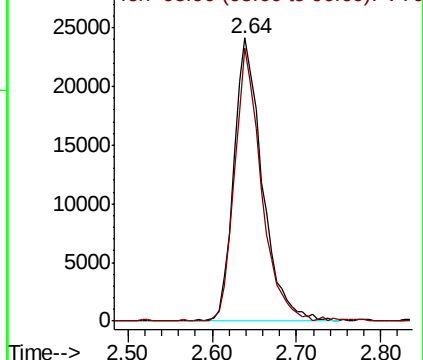
94 100

96 96.5 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.443 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001024.D

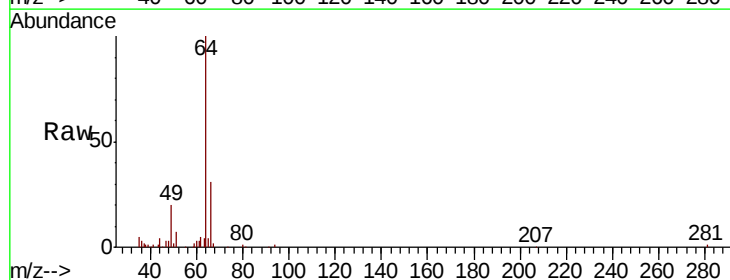
Acq: 23 Dec 2019 13:39

Tgt Ion: 64 Resp: 52393

Ion Ratio Lower Upper

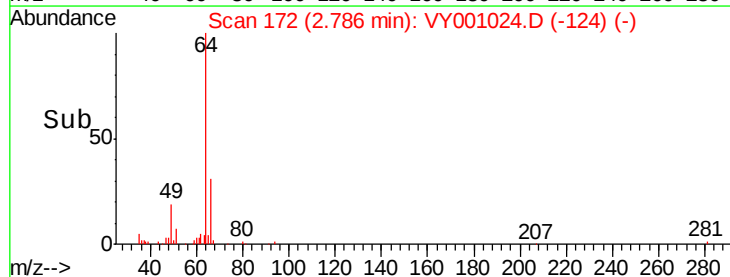
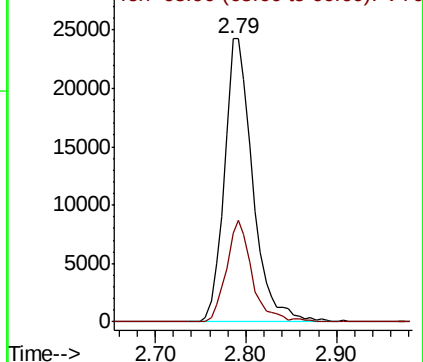
64 100

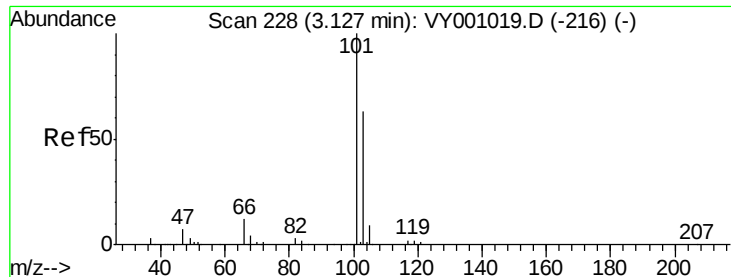
66 31.2 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



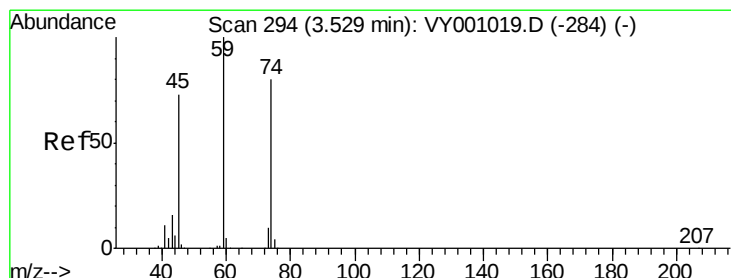
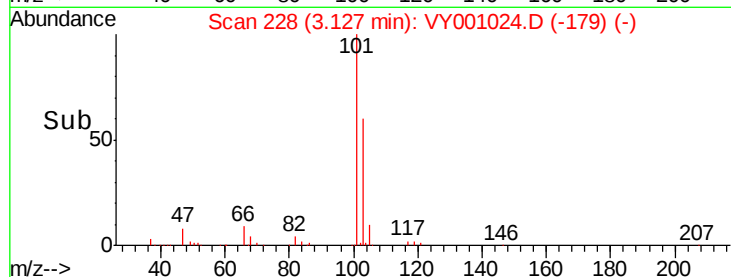
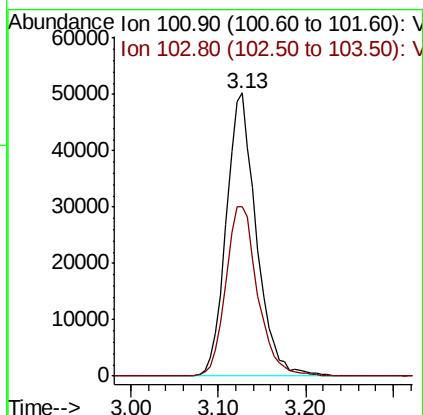
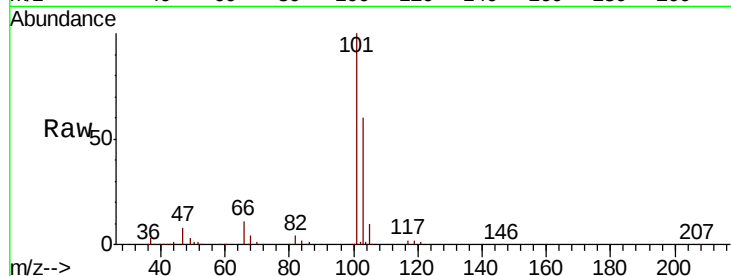


#7

Trichlorofluoromethane
Concen: 19.866 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
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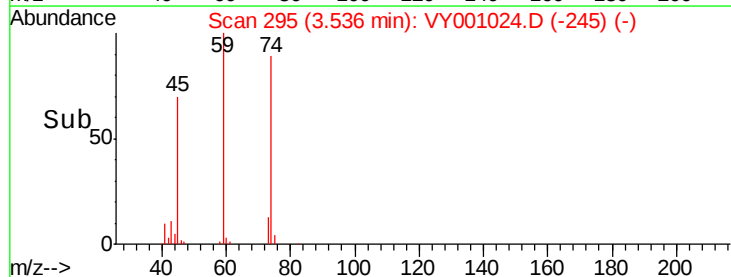
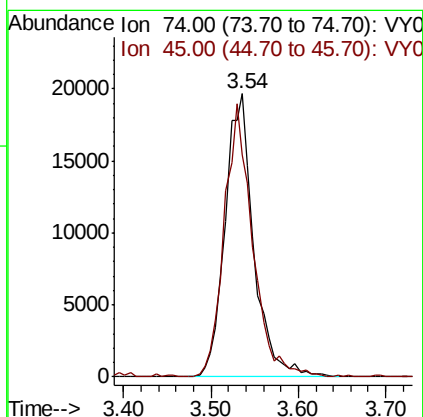
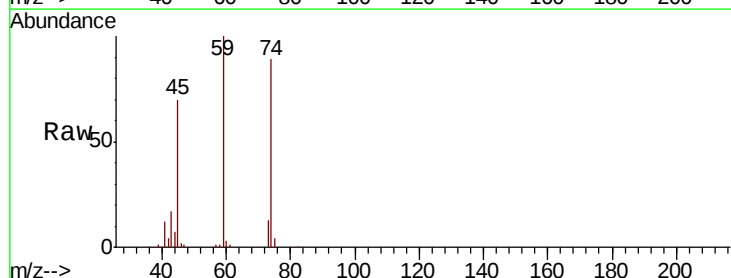
Tot Ion:101 Resp: 119903
Ion Ratio Lower Upper
101 100
103 59.9 50.2 75.2

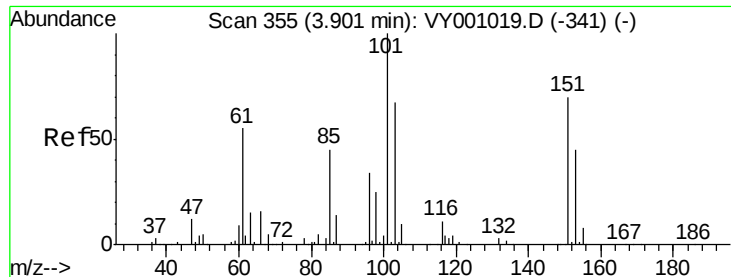


#8

Diethyl Ether
Concen: 18.149 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 74 Resp: 44714
Ion Ratio Lower Upper
74 100
45 95.4 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.513 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

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VY1223SBS01

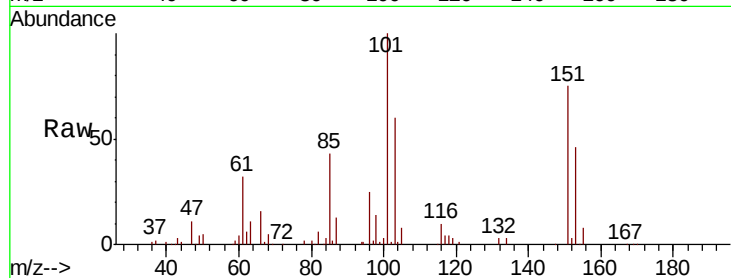
Tot Ion:101 Resp: 77362

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

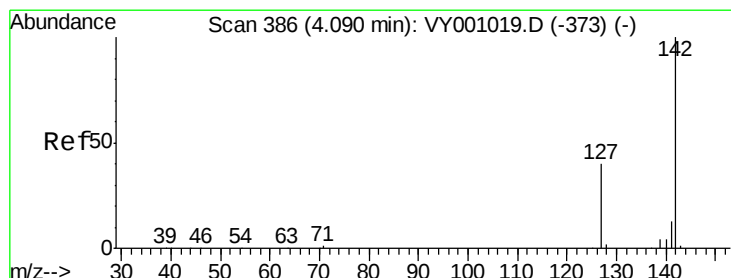
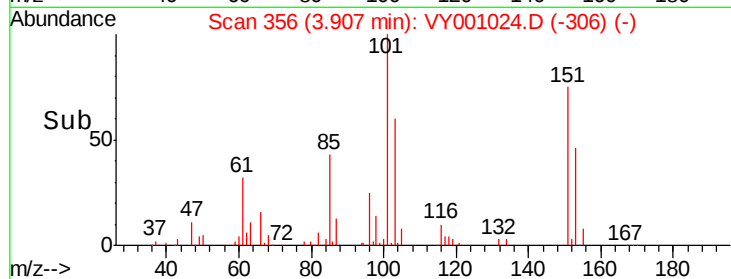
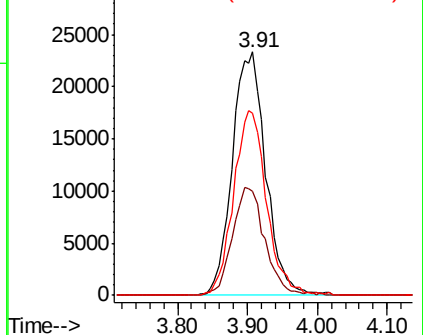
151 75.0 57.0 85.6



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: 18.891 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

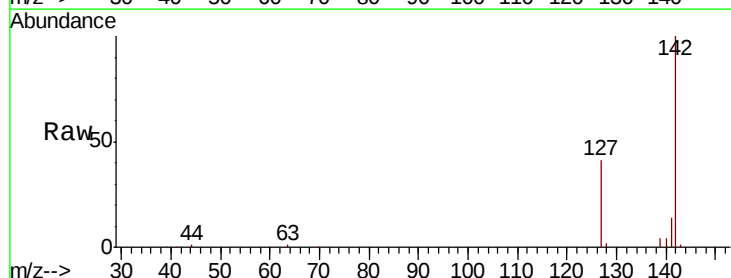
Tgt Ion:142 Resp: 103480

Ion Ratio Lower Upper

142 100

127 40.7 31.2 46.8

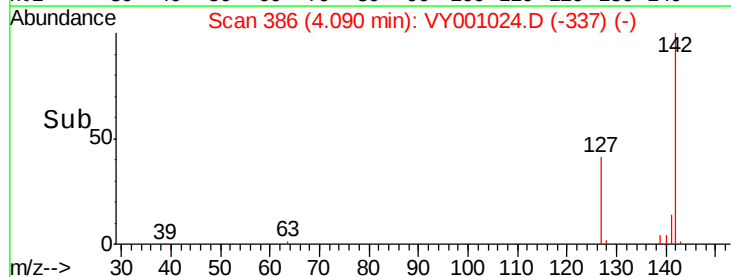
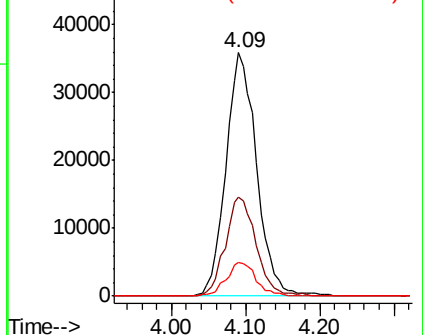
141 13.5 11.0 16.4

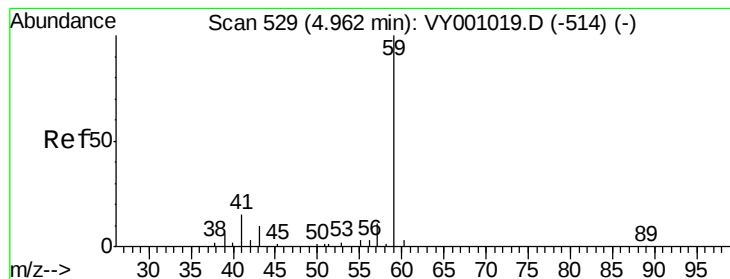


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 72.535 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

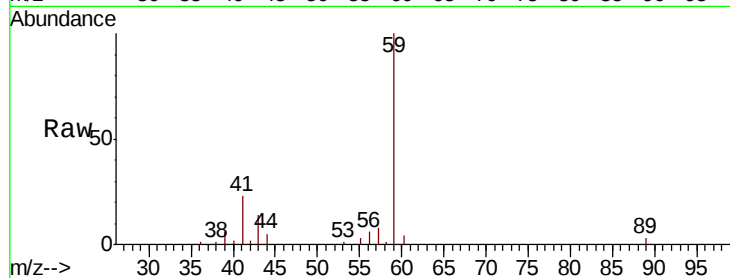
VY1223SBS01

Tot Ion: 59 Resp: 28104

Ion Ratio Lower Upper

59 100

57 9.0 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY001019.D (-514) (-)

4.96

8000

6000

4000

2000

0

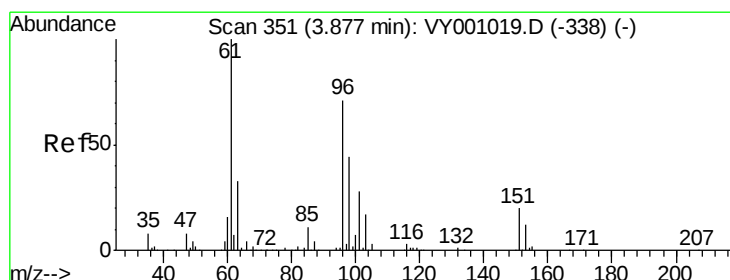
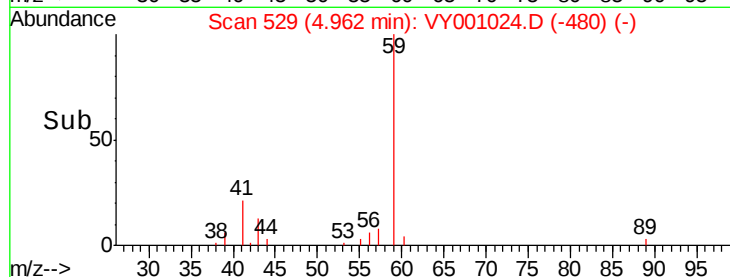
Time-->

4.80

4.90

5.00

5.10



#12

1,1-Dichloroethene

Concen: 19.589 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

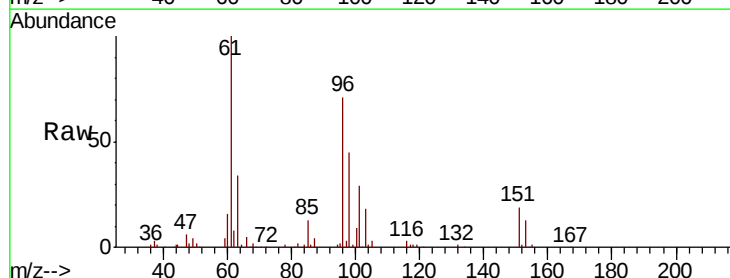
Tgt Ion: 96 Resp: 78629

Ion Ratio Lower Upper

96 100

61 140.4 113.0 169.4

98 63.4 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001019.D (-338) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-338) (-)

Ion 97.90 (97.60 to 98.60): VY001019.D (-338) (-)

3.88

60000

50000

40000

30000

20000

10000

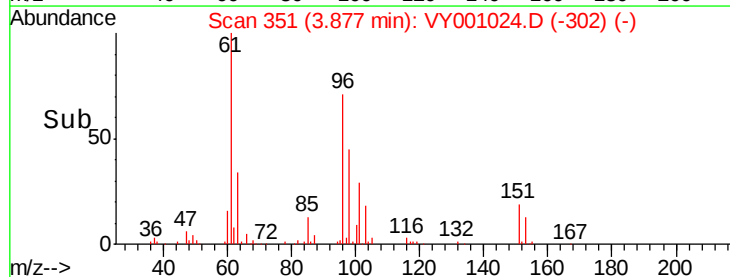
0

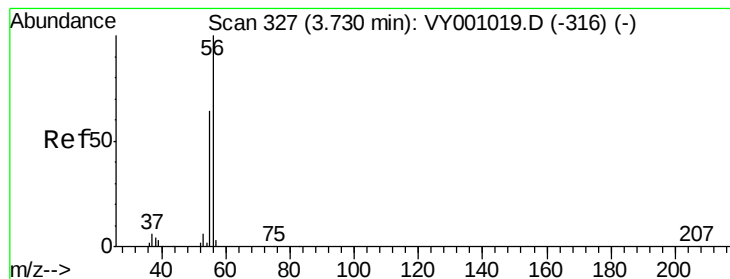
Time-->

3.80

3.90

4.00





#13

Acrolein

Concen: 75.272 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

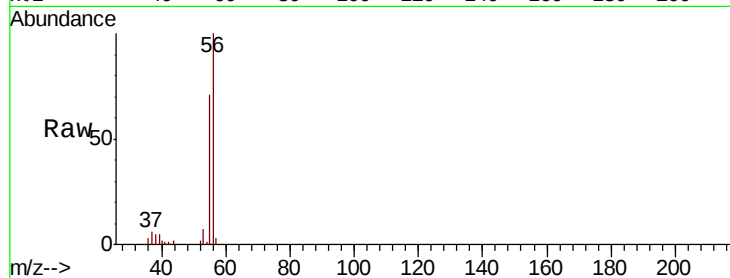
VY1223SBS01

Tot Ion: 56 Resp: 36136

Ion Ratio Lower Upper

56 100

55 71.9 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-316) (-)

Ion 55.00 (54.70 to 55.70): VY001019.D (-316) (-)

3.73

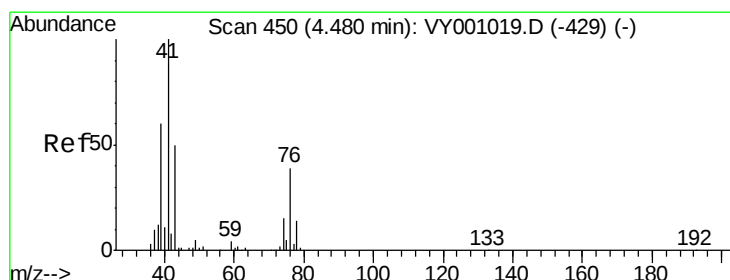
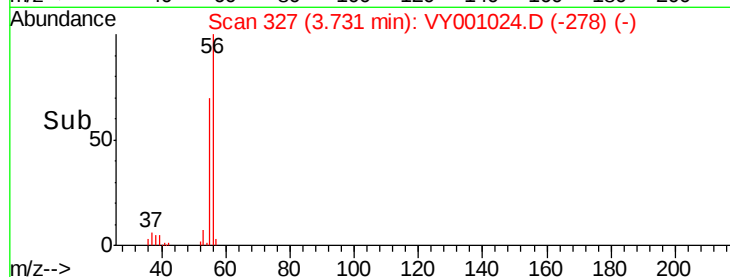
15000

10000

5000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 19.671 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

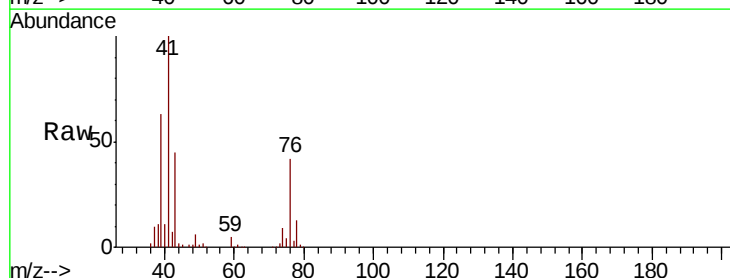
Tgt Ion: 41 Resp: 122654

Ion Ratio Lower Upper

41 100

39 58.6 46.0 69.0

76 38.9 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY001019.D (-429) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-429) (-)

Ion 75.90 (75.60 to 76.60): VY001019.D (-429) (-)

80000

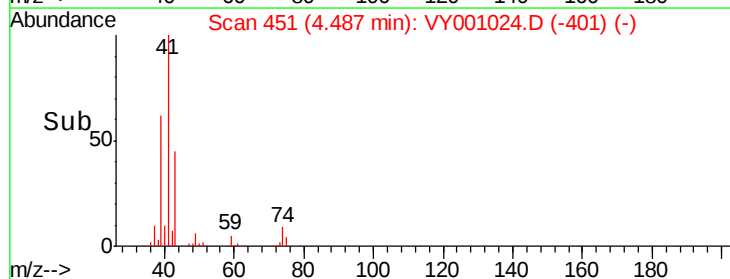
60000

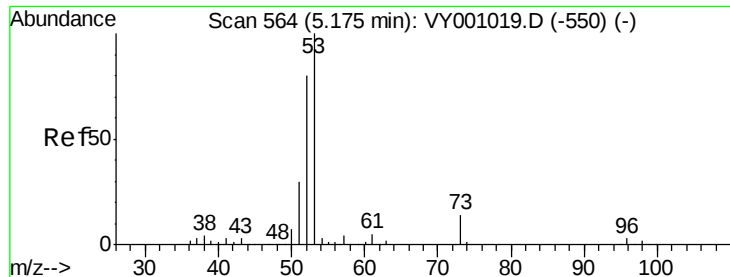
40000

20000

0

Time--> 4.40 4.49 4.60





#15

Acrylonitrile

Concen: 87.247 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

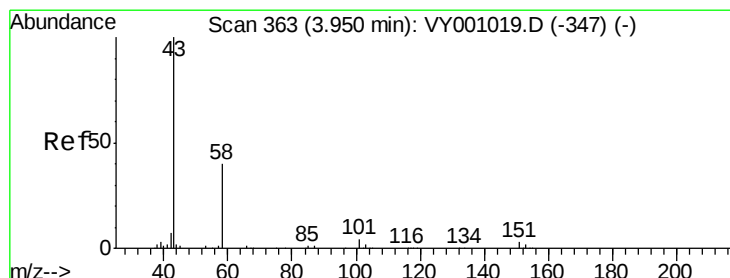
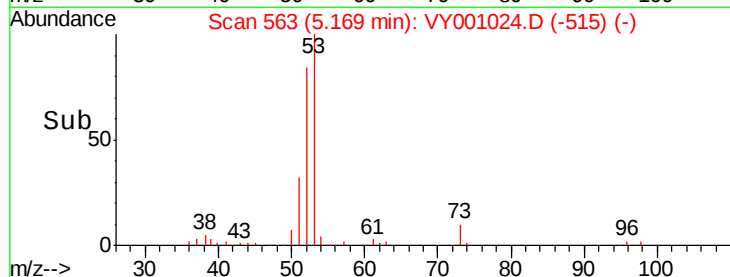
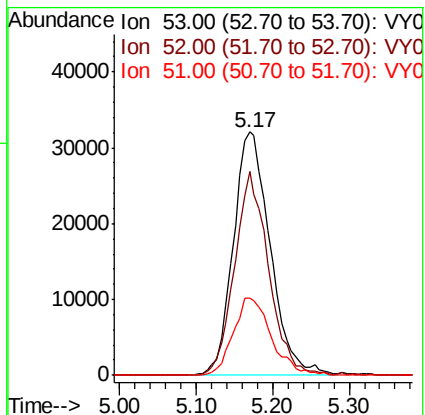
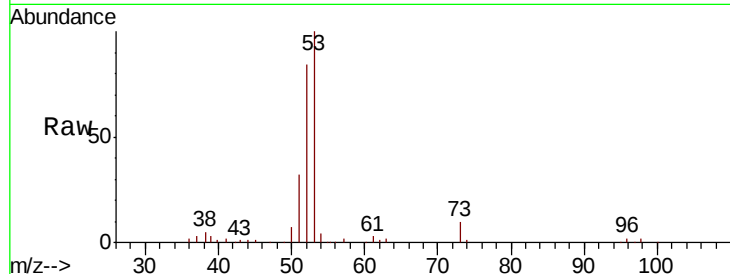
Tot Ion: 53 Resp: 107427

Ion Ratio Lower Upper

53 100

52 77.3 63.6 95.4

51 33.1 26.7 40.1



#16

Acetone

Concen: 87.470 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001024.D

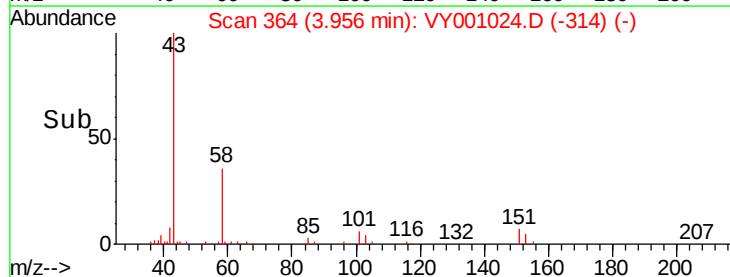
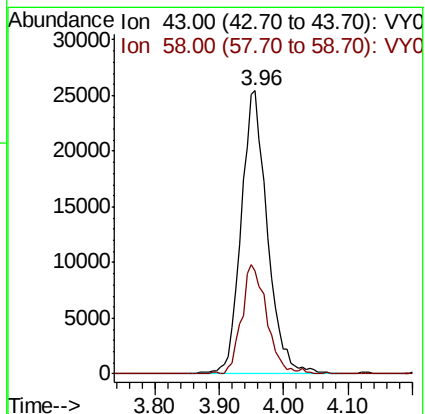
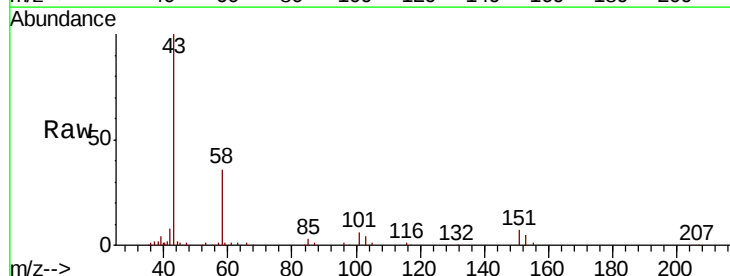
Acq: 23 Dec 2019 13:39

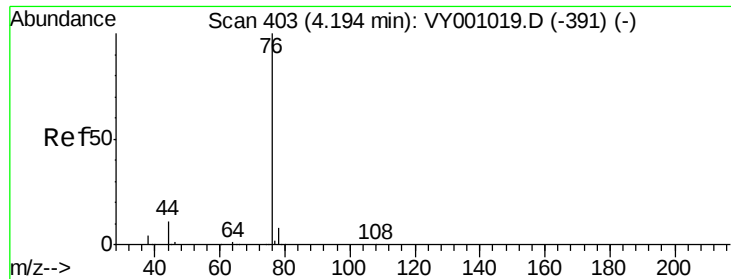
Tgt Ion: 43 Resp: 71008

Ion Ratio Lower Upper

43 100

58 36.3 32.1 48.1

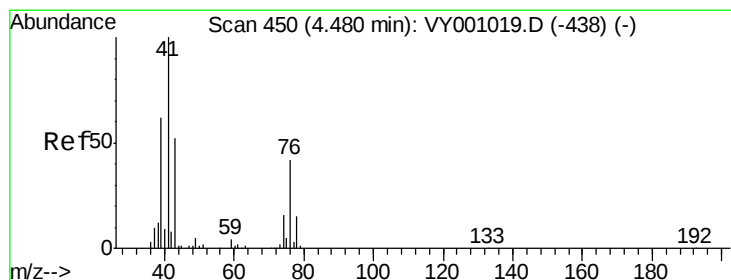
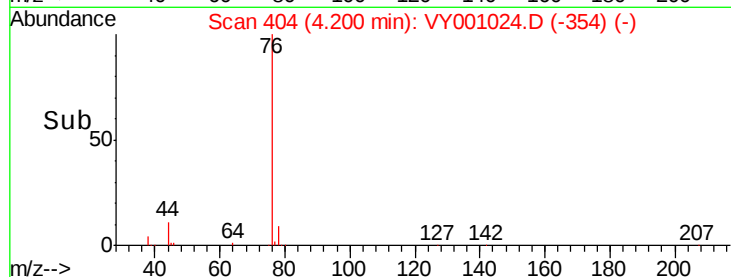
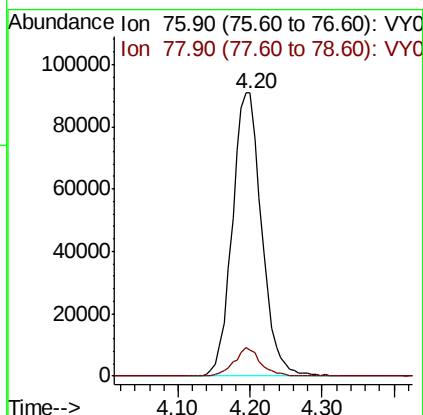
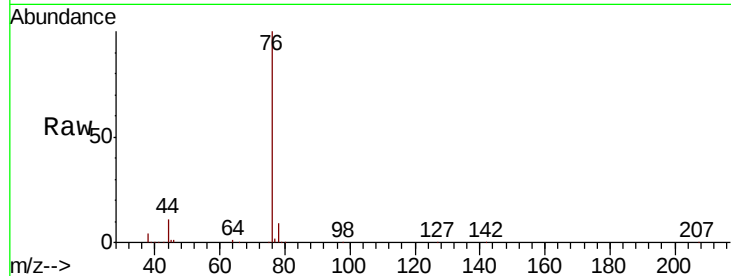




#17
Carbon Disulfide
Concen: 19.568 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

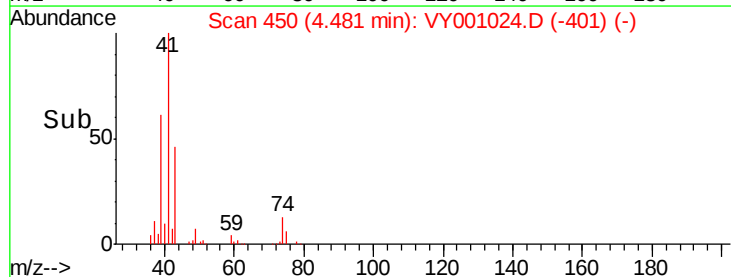
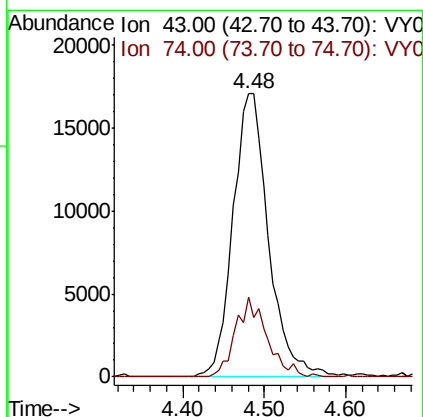
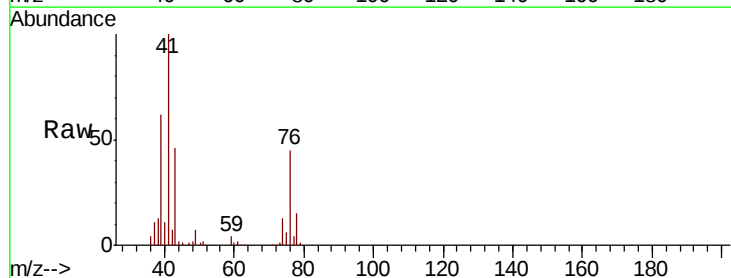
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

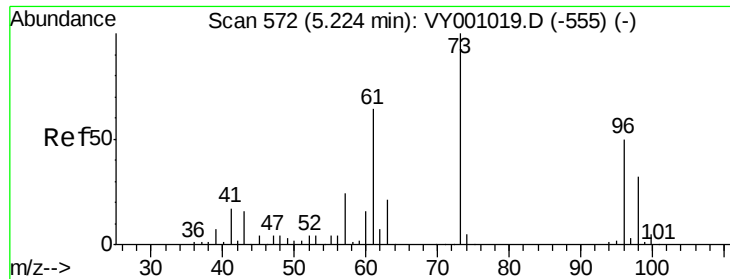
Tot Ion: 76 Resp: 256659
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1



#18
Methyl Acetate
Concen: 16.521 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 43 Resp: 51454
Ion Ratio Lower Upper
43 100
74 24.7 20.7 31.1

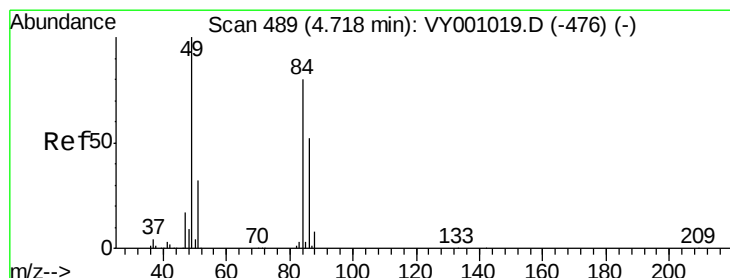
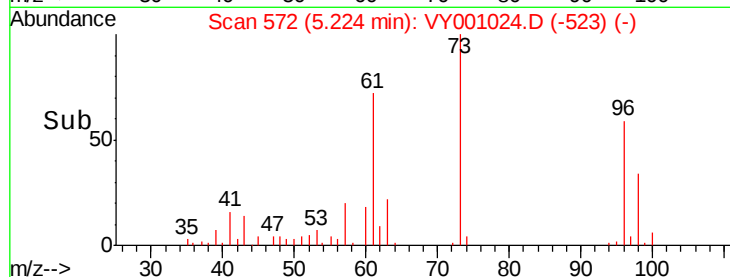
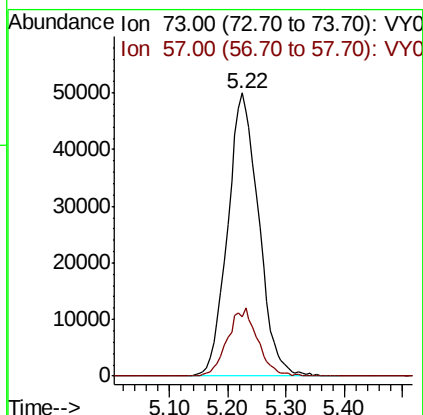
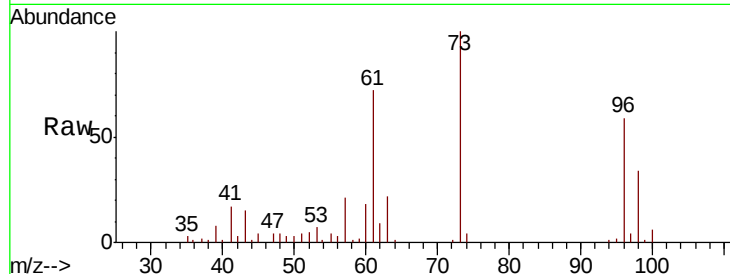




#19
Methyl tert-butyl Ether
Concen: 17.827 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

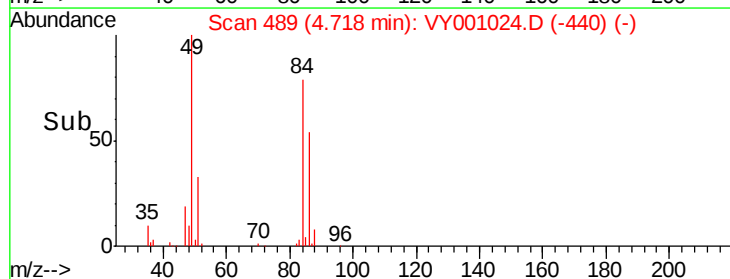
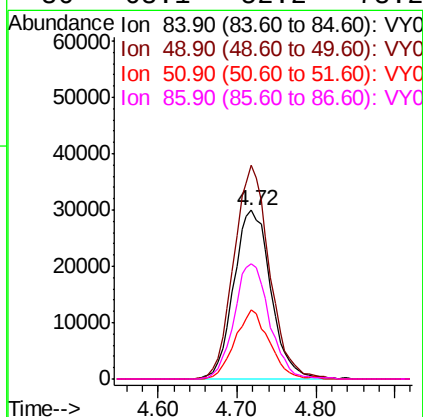
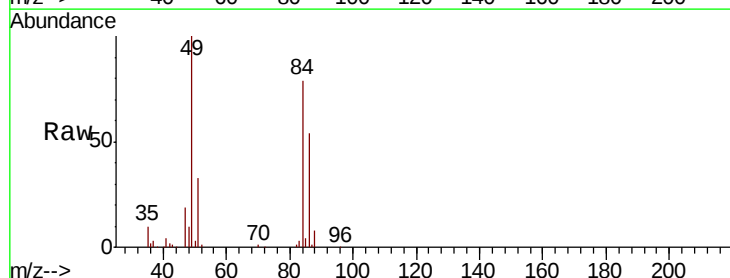
Instrument :
MSVOA_Y
ClientSampleID :
VY1223SBS01

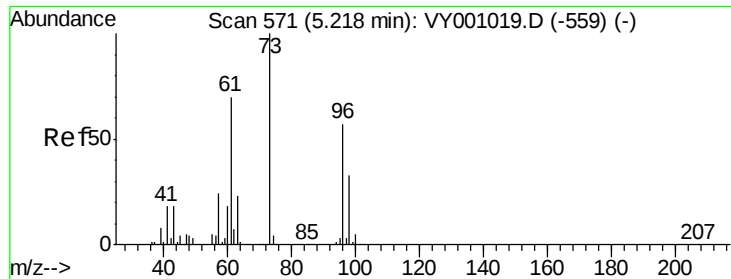
Tot Ion: 73 Resp: 184680
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6



#20
Methylene Chloride
Concen: 20.457 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 84 Resp: 97751
Ion Ratio Lower Upper
84 100
49 126.5 99.8 149.6
51 41.2 31.4 47.2
86 68.1 52.2 78.2

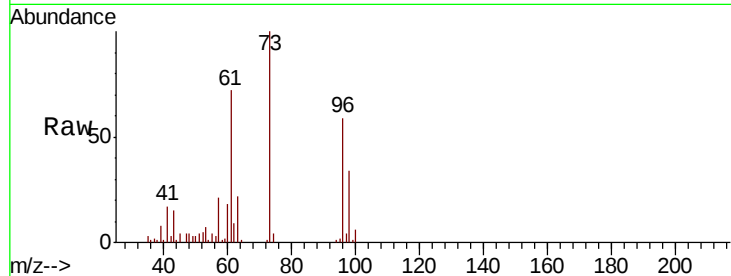




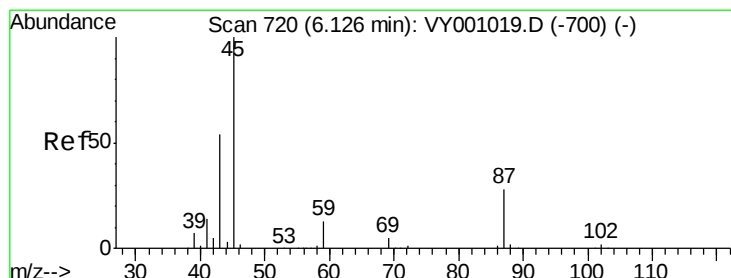
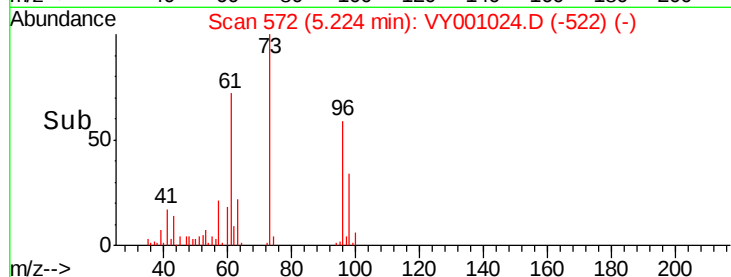
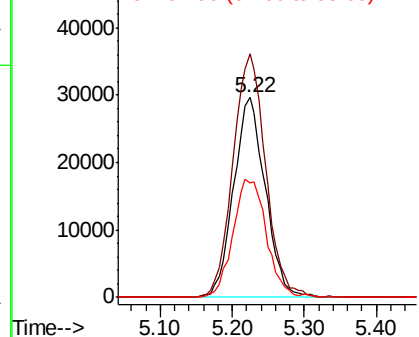
#21
trans-1,2-Dichloroethene
Concen: 20.368 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 96 Resp: 90604
Ion Ratio Lower Upper
96 100
61 121.7 98.1 147.1
98 57.4 47.2 70.8

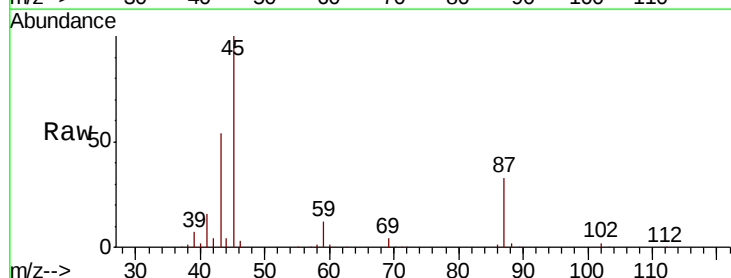


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

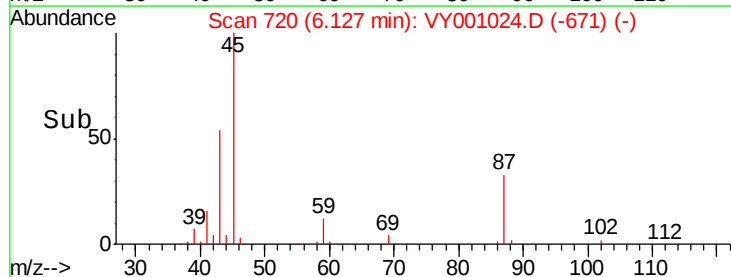
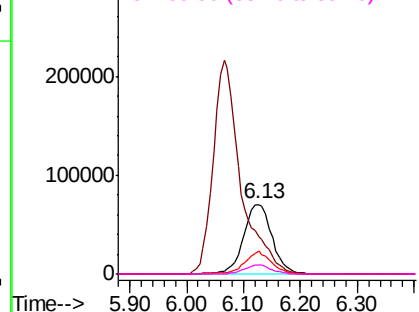


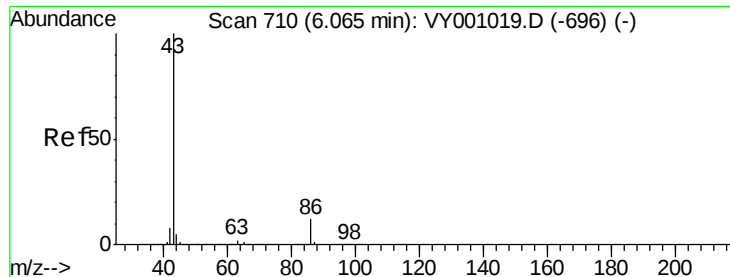
#22
Diisopropyl ether
Concen: 19.470 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 45 Resp: 245386
Ion Ratio Lower Upper
45 100
43 54.0 43.6 65.4
87 32.8 23.1 34.7
59 12.4 10.2 15.4



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: 91.774 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

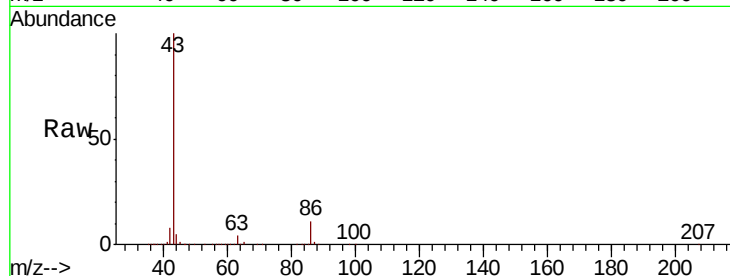
VY1223SBS01

Tot Ion: 43 Resp: 730486

Ion Ratio Lower Upper

43 100

86 11.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

250000

200000

150000

100000

50000

0

6.07

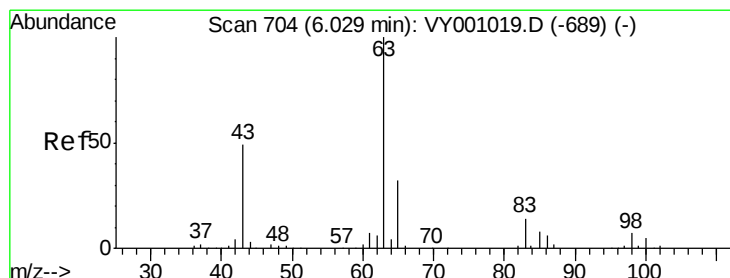
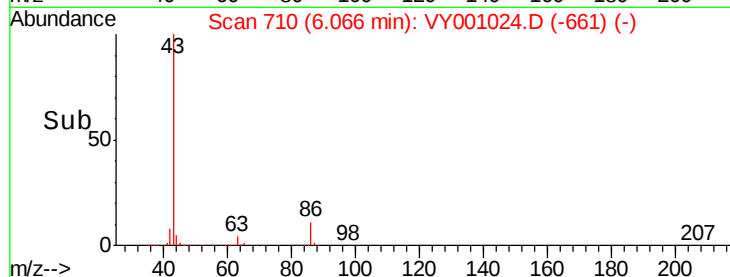
6.00

6.10

6.20

6.30

Time-->



#24

1,1-Dichloroethane

Concen: 19.482 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

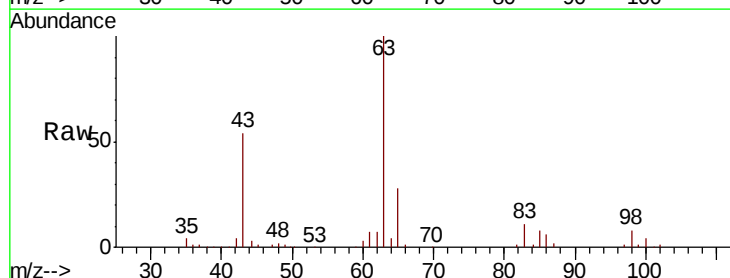
Tgt Ion: 63 Resp: 145104

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 3.5 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

60000

50000

40000

30000

20000

10000

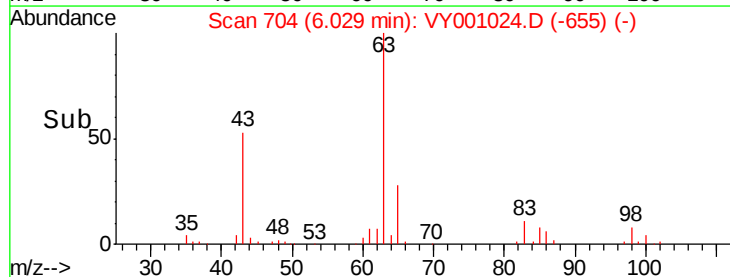
0

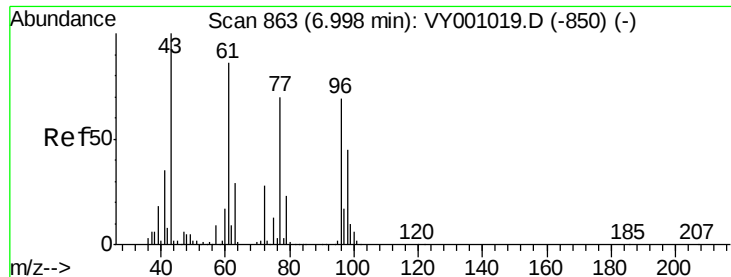
6.03

6.00

6.10

Time-->





#25

2-Butanone

Concen: 82.946 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

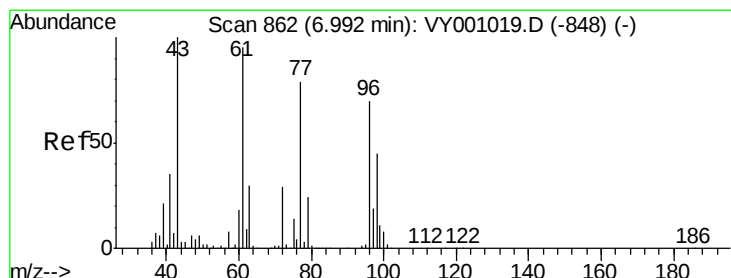
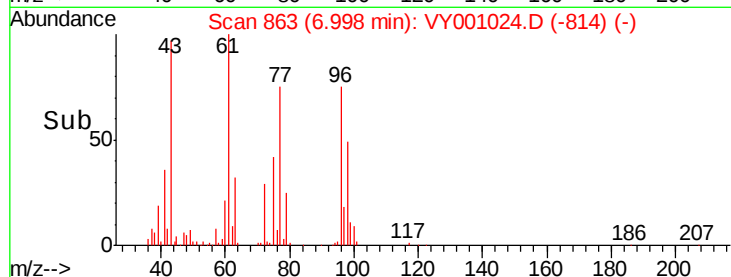
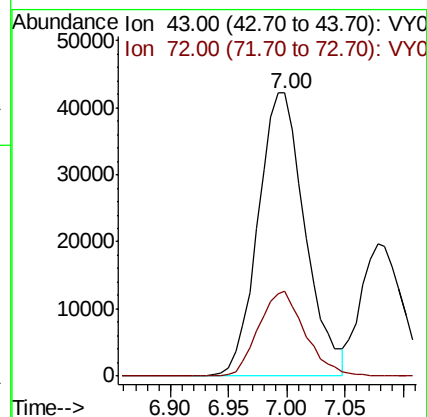
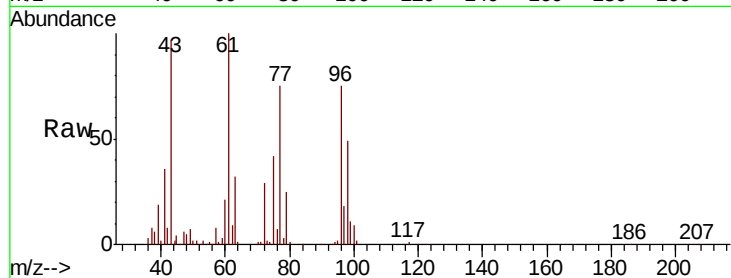
VY1223SBS01

Tot Ion: 43 Resp: 118291

Ion Ratio Lower Upper

43 100

72 29.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.352 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001024.D

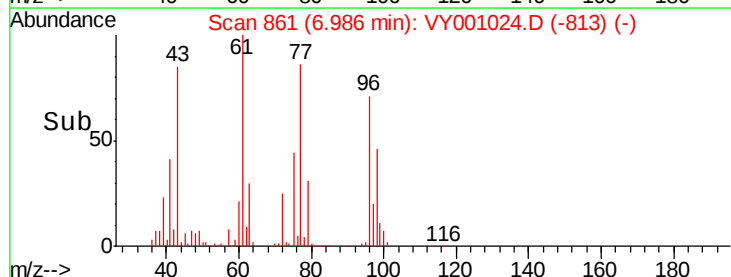
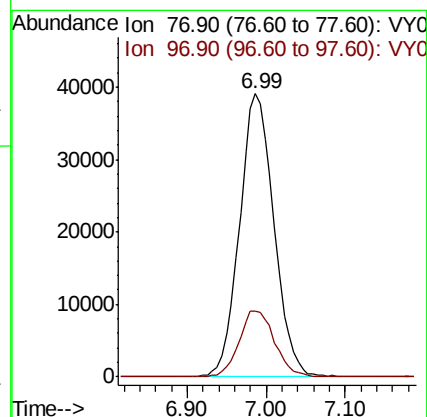
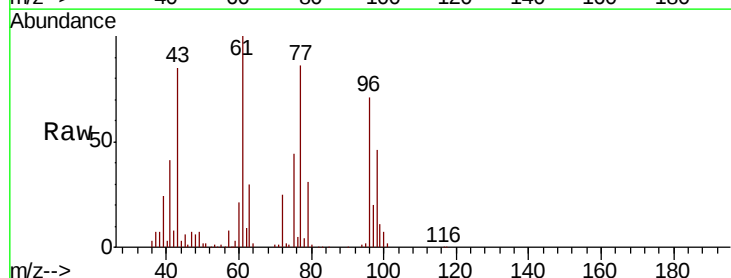
Acq: 23 Dec 2019 13:39

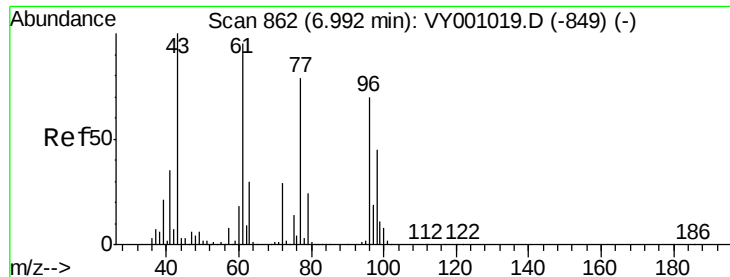
Tgt Ion: 77 Resp: 118418

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1



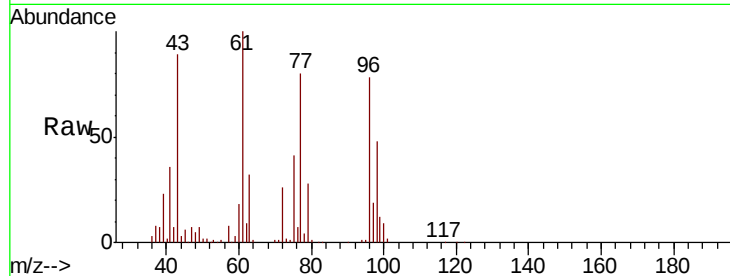


#27

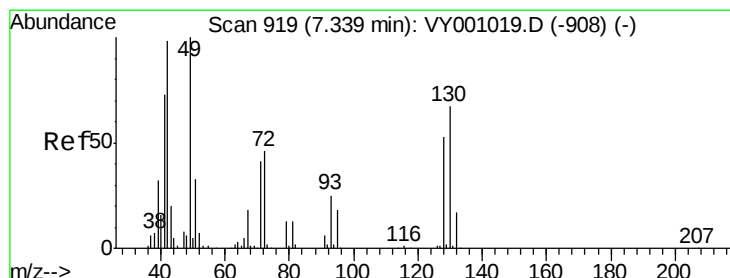
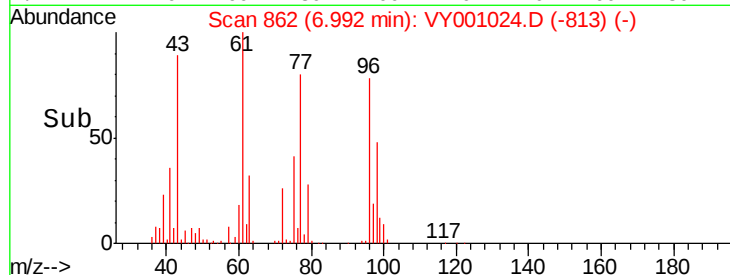
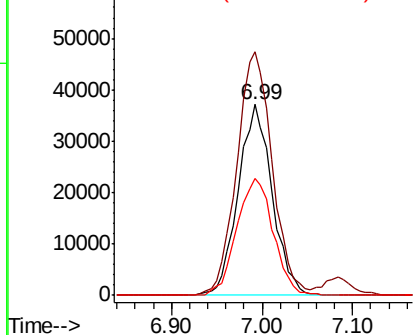
cis-1,2-Dichloroethene
 Concen: 19.659 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion: 96 Resp: 96076
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 268.2
 98 66.0 0.0 129.2



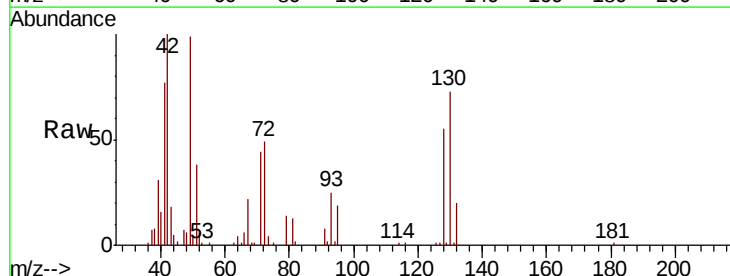
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



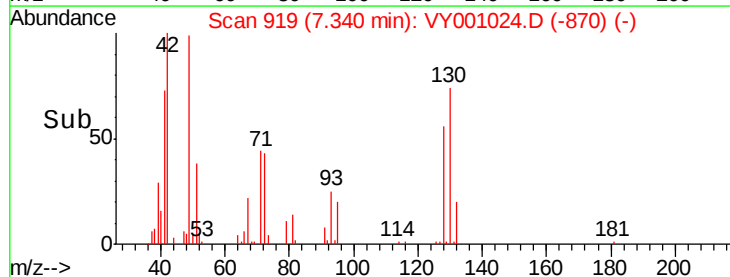
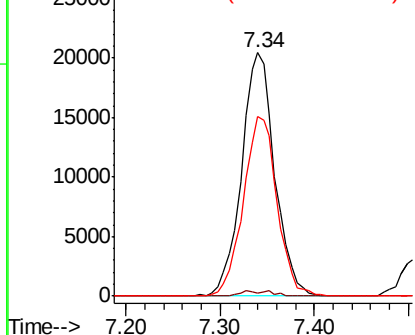
#28

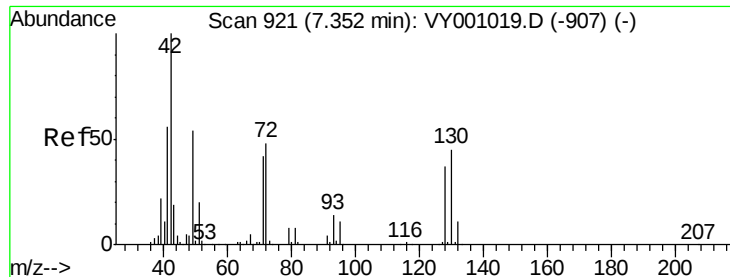
Bromochloromethane
 Concen: 17.303 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion: 49 Resp: 50285
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 75.2 60.4 90.6



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

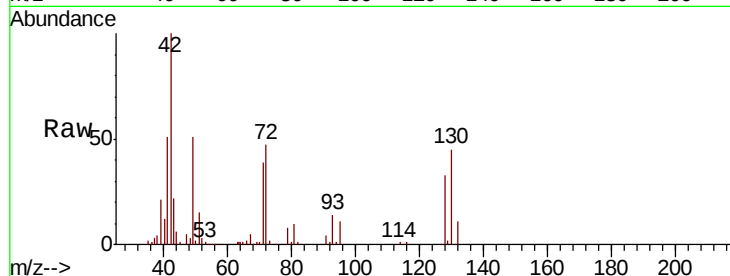




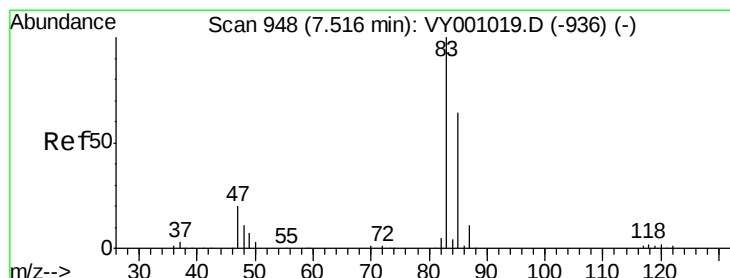
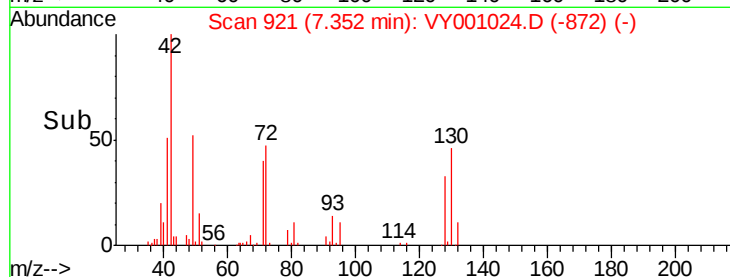
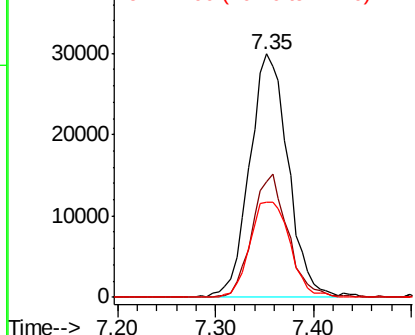
#29
Tetrahydrofuran
Concen: 80.598 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 42 Resp: 81761
Ion Ratio Lower Upper
42 100
72 47.0 37.7 56.5
71 40.7 34.6 51.8

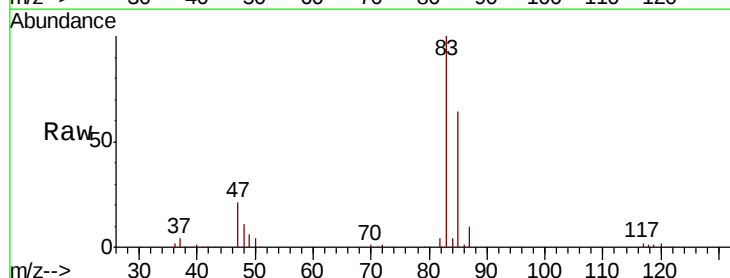


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

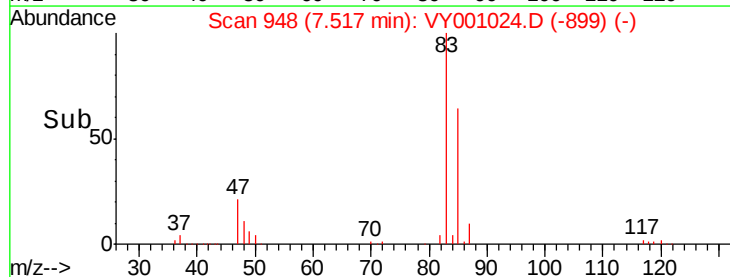
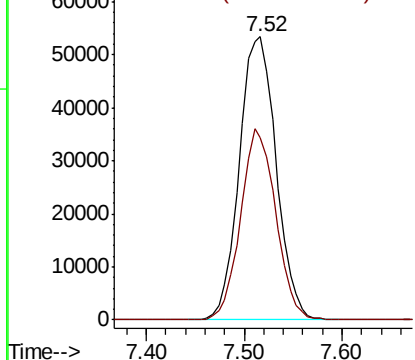


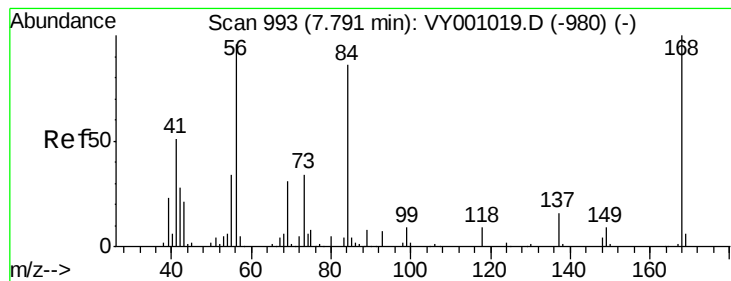
#30
Chloroform
Concen: 19.788 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 83 Resp: 139360
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4



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





#31

Cyclohexane

Concen: 19.587 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

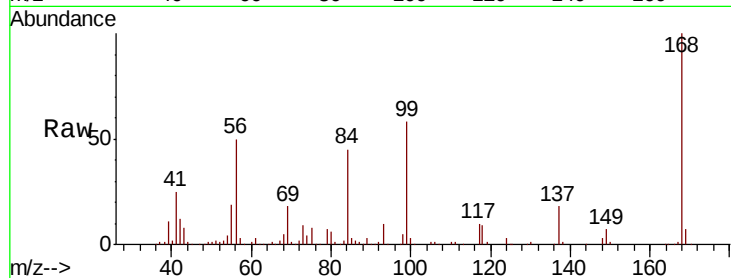
Tot Ion: 56 Resp: 153400

Ion Ratio Lower Upper

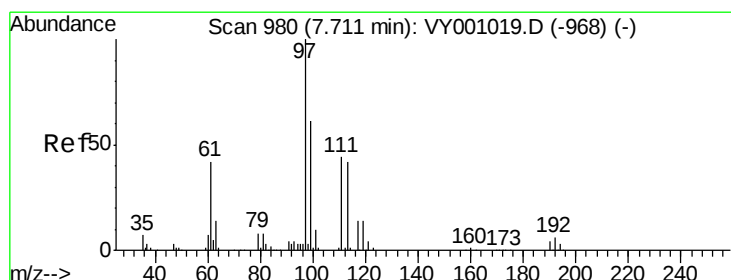
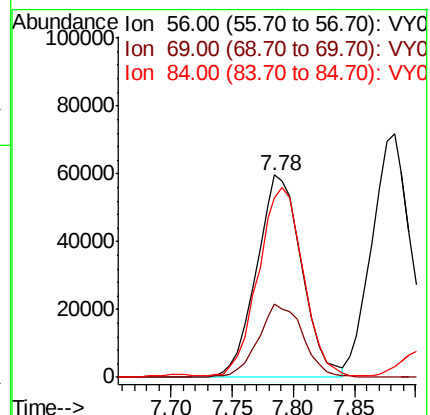
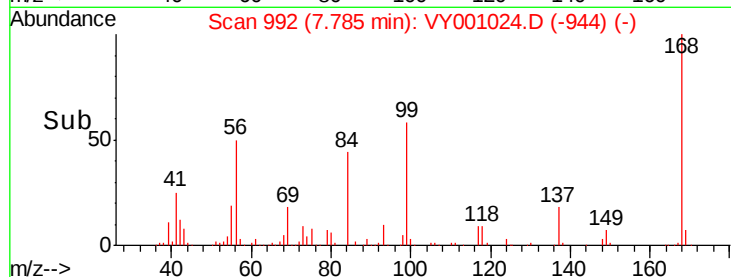
56 100

69 36.4 26.1 39.1

84 88.1 71.8 107.8



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: 19.784 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

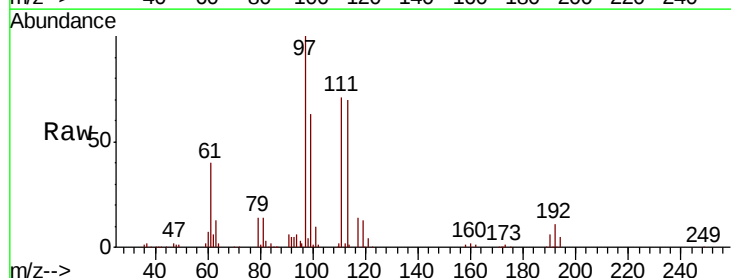
Tgt Ion: 97 Resp: 118860

Ion Ratio Lower Upper

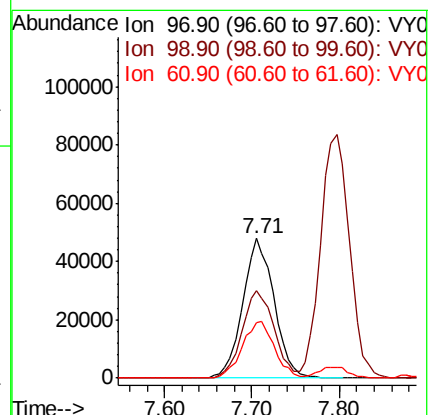
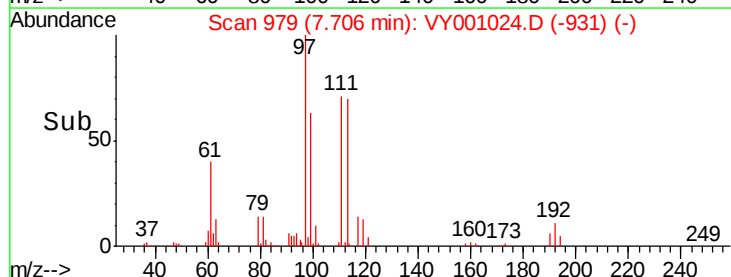
97 100

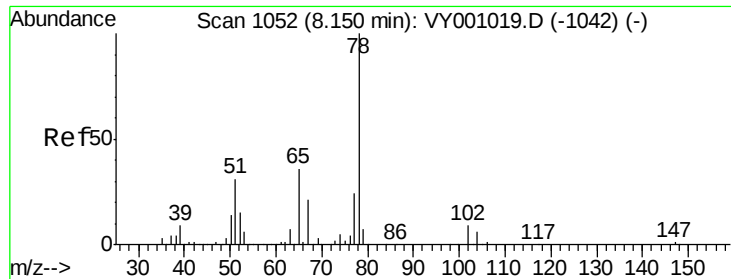
99 63.5 50.6 76.0

61 41.6 33.0 49.6



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

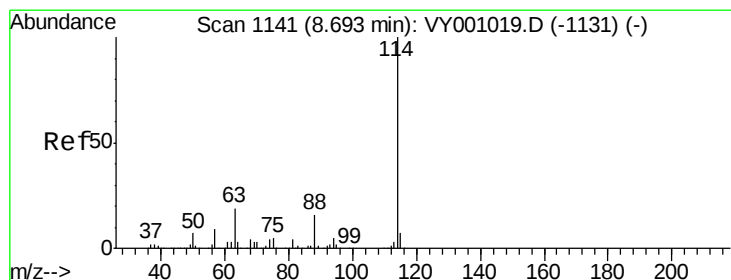
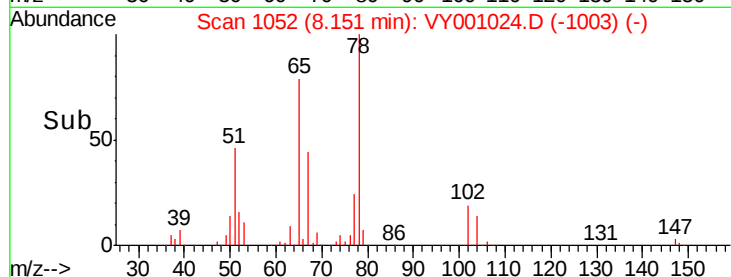
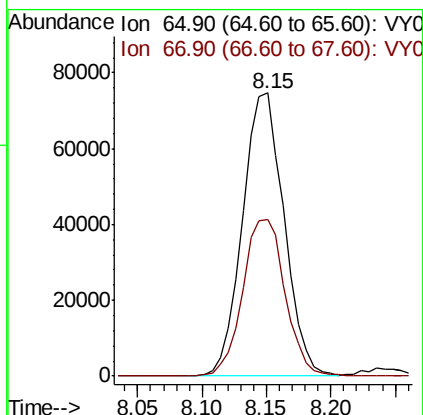
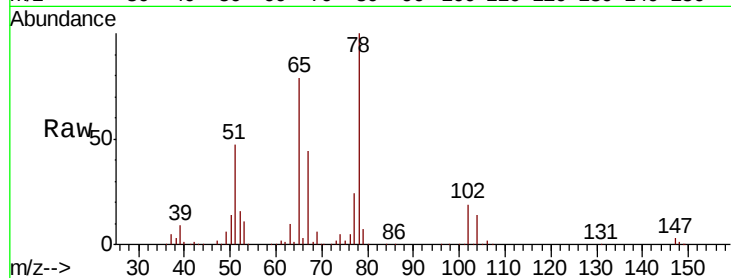




#33
 1,2-Dichloroethane-d4
 Concen: 47.316 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

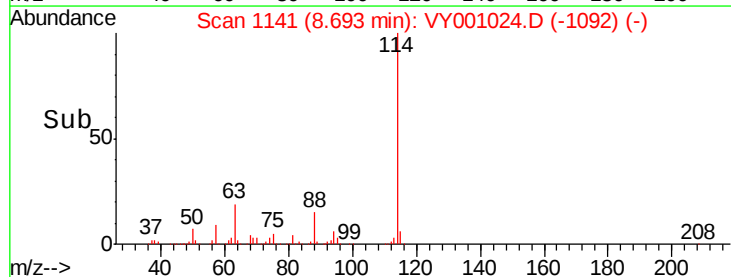
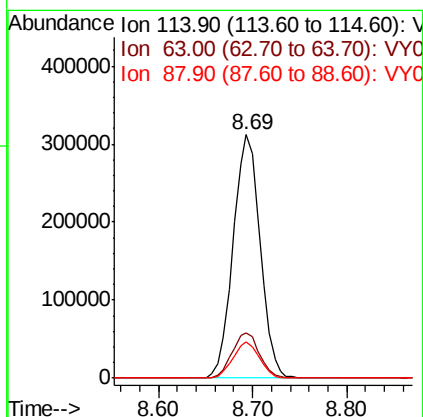
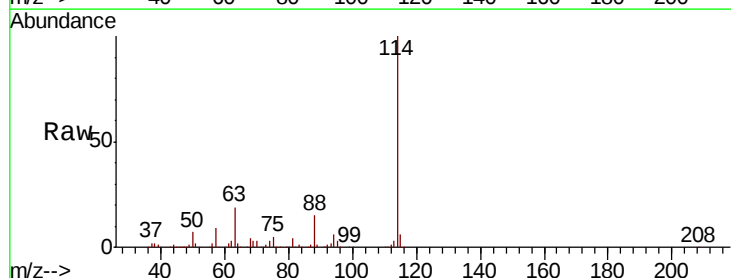
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

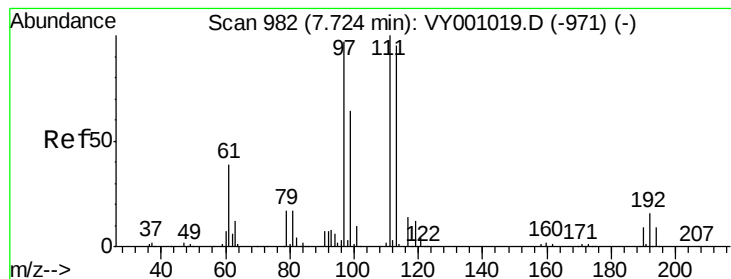
Tot Ion: 65 Resp: 166732
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion: 114 Resp: 617374
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 14.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.163 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

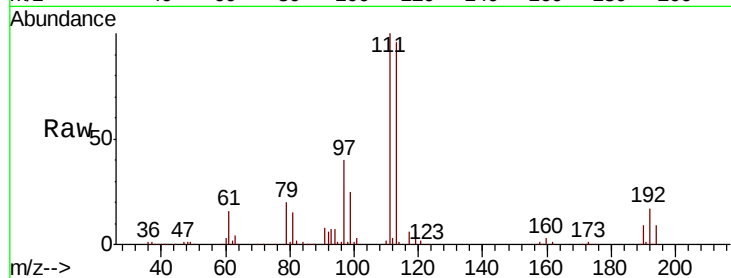
Tot Ion:113 Resp: 171457

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.4

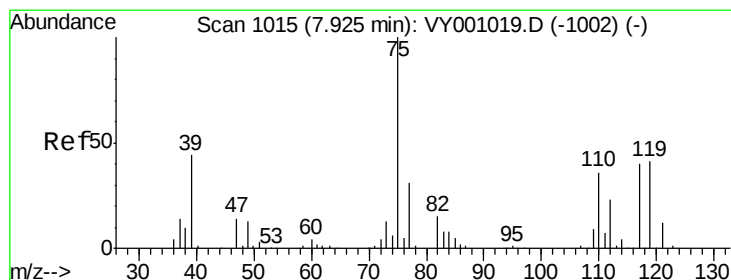
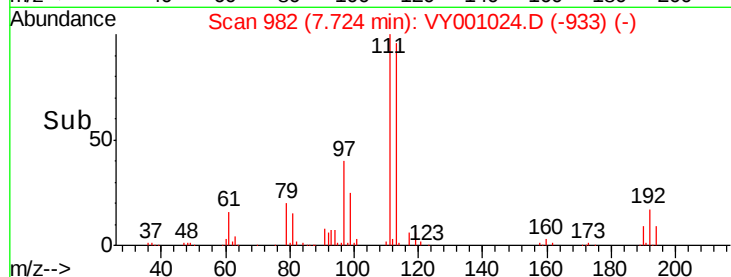
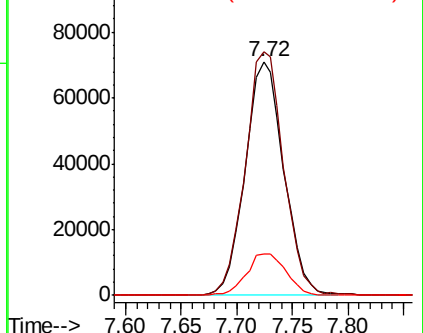
192 18.1 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.292 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

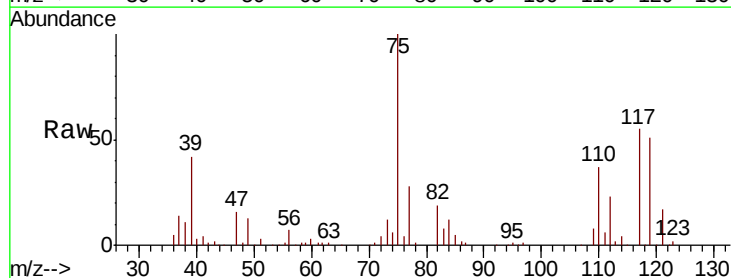
Tgt Ion: 75 Resp: 119513

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

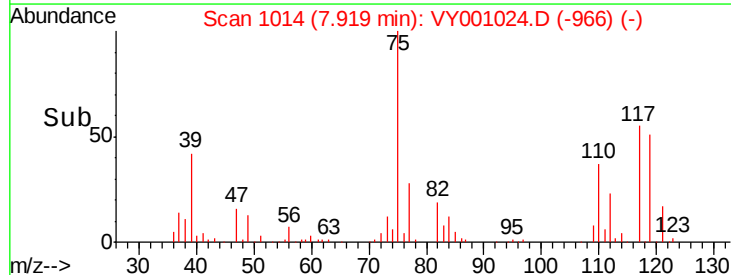
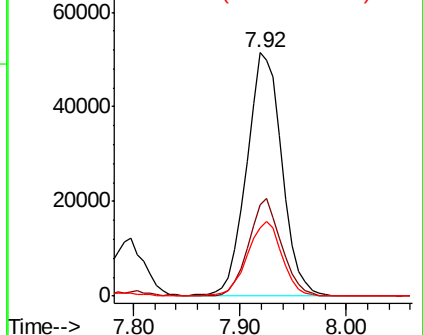
77 30.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

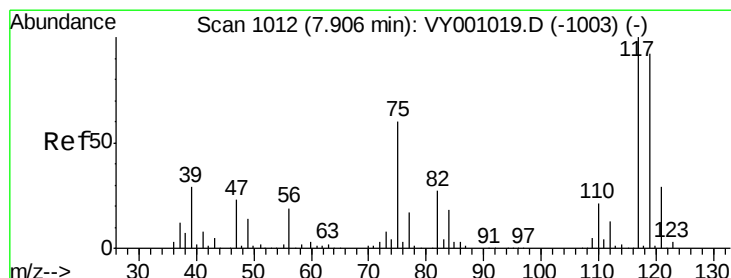
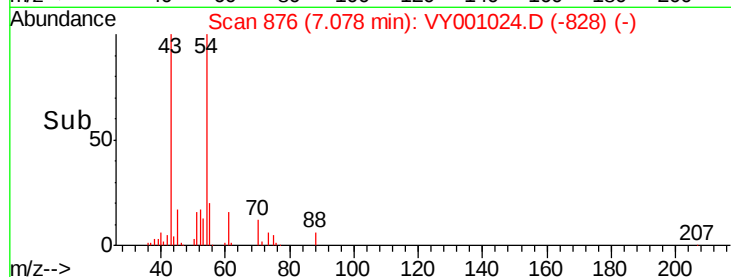
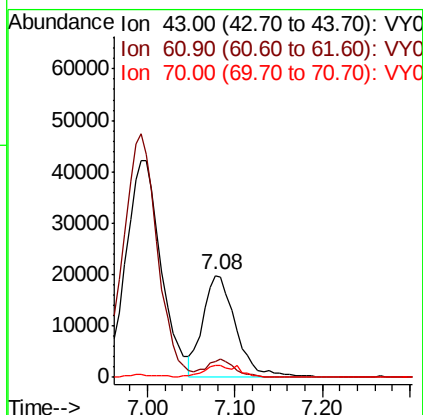
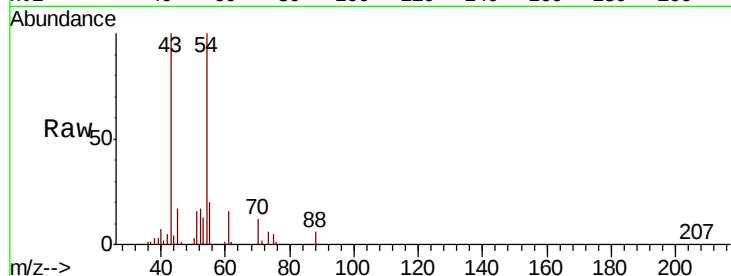




#37
Ethyl Acetate
Concen: 15.975 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

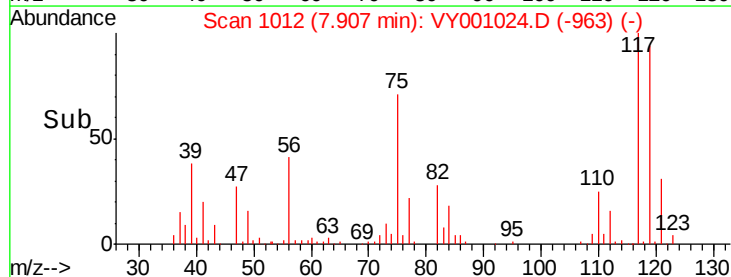
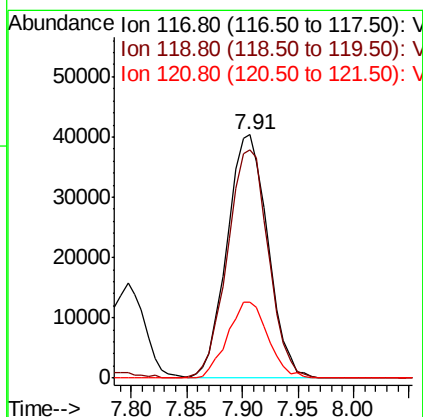
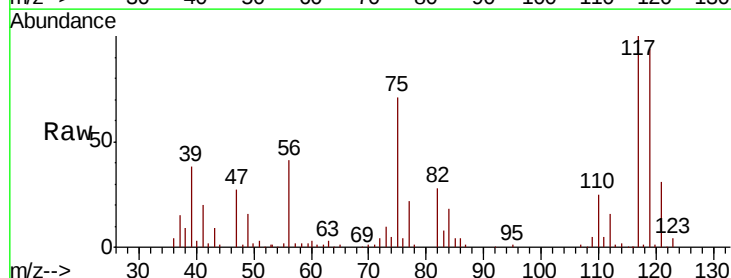
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

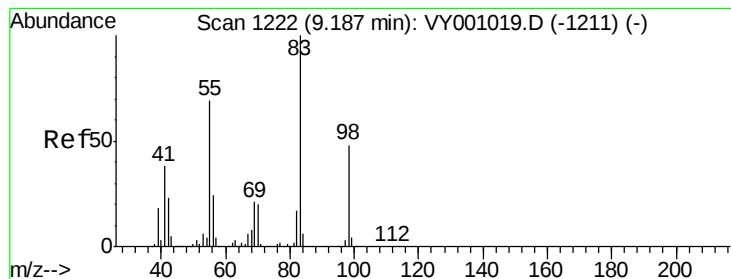
Tot Ion: 43 Resp: 52098
Ion Ratio Lower Upper
43 100
61 14.5 12.5 18.7
70 12.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.912 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 117 Resp: 102753
Ion Ratio Lower Upper
117 100
119 94.0 74.2 111.2
121 31.3 22.9 34.3





#39

Methvlcvclohexane

Concen: 20.665 ug/l

RT: 9.18 min Scan# 1221

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

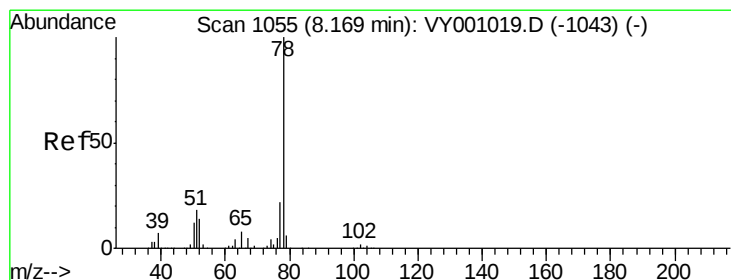
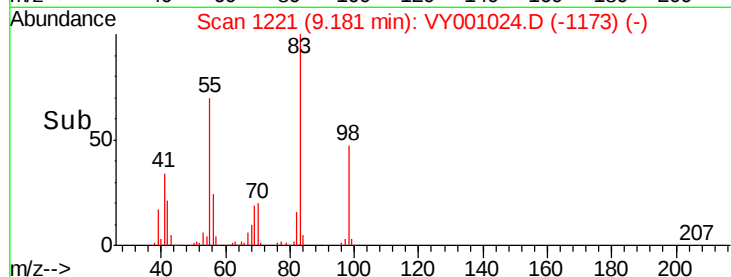
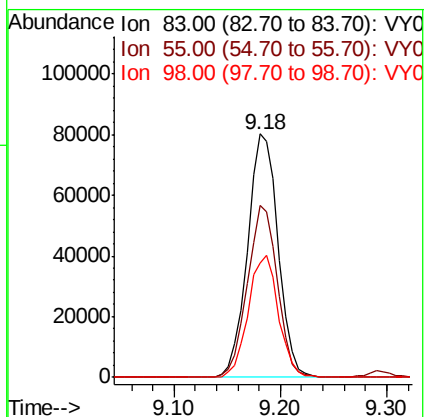
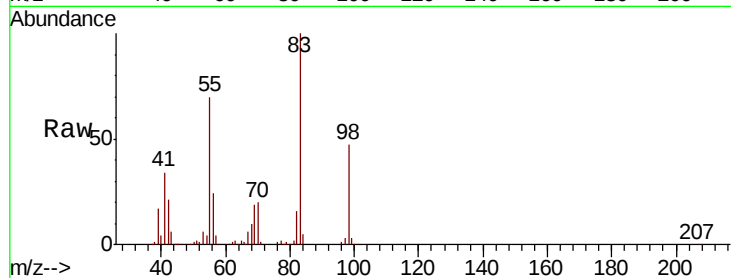
Tot Ion: 83 Resp: 161625

Ion Ratio Lower Upper

83 100

55 70.5 55.1 82.7

98 46.7 38.3 57.5



#40

Benzene

Concen: 19.830 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001024.D

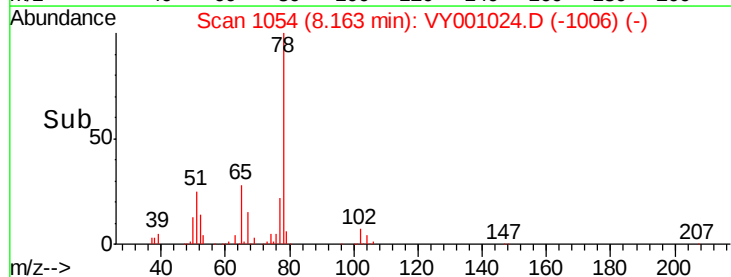
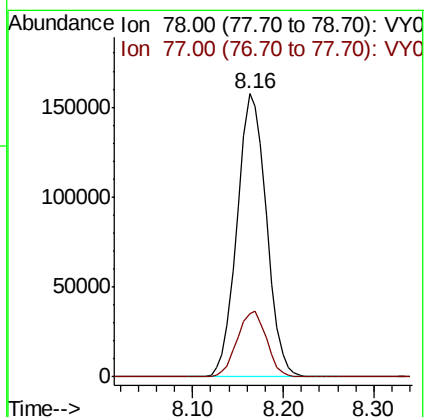
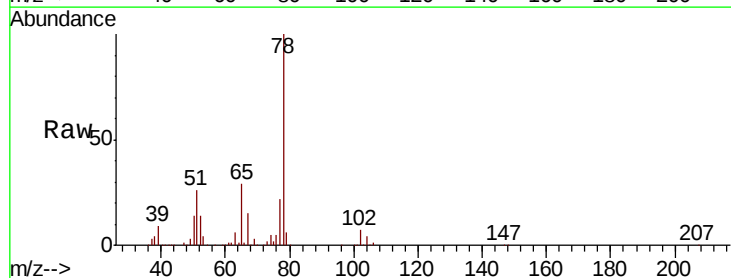
Acq: 23 Dec 2019 13:39

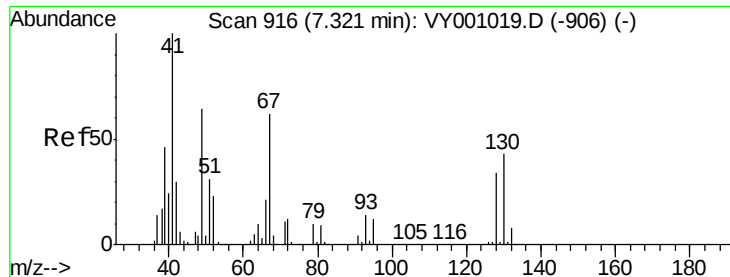
Tgt Ion: 78 Resp: 352343

Ion Ratio Lower Upper

78 100

77 22.5 17.7 26.5

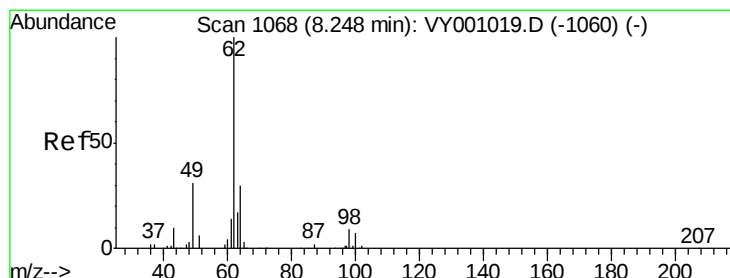
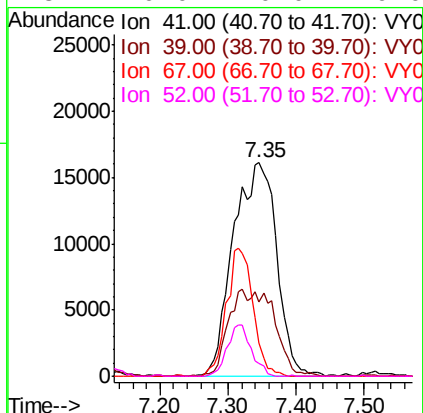
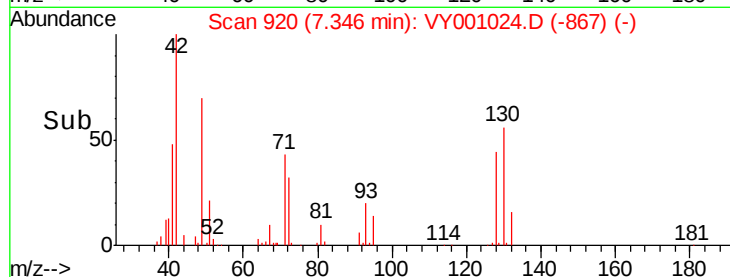
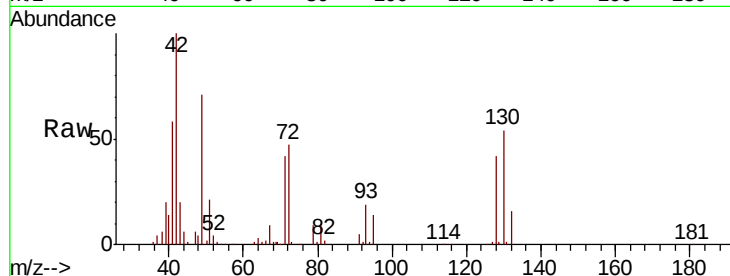




#41
Methacrylonitrile
Concen: 50.641 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

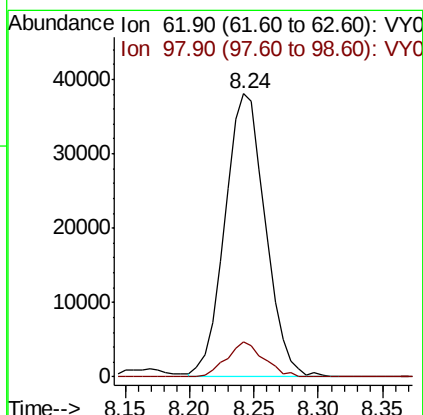
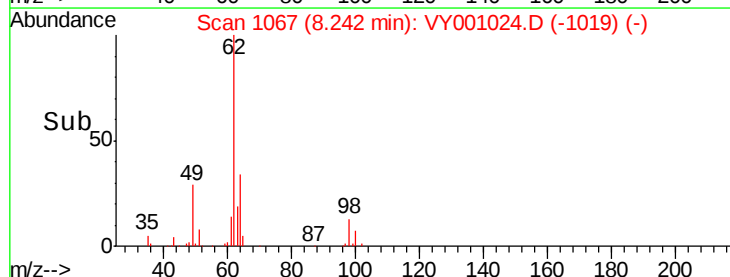
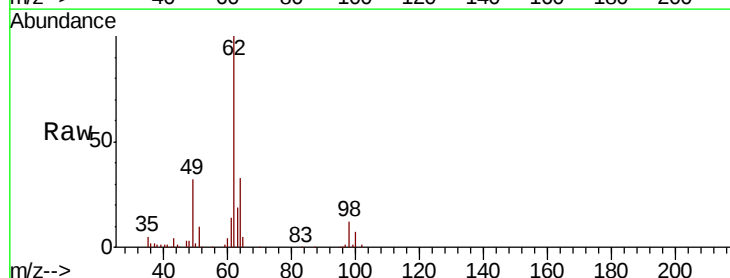
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

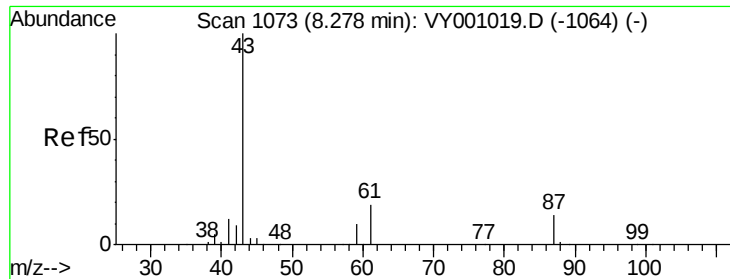
Tot Ion:	41	Resp:	71601
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.609 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:	62	Resp:	83300
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	23.4





#43

Isopropyl Acetate

Concen: 17.023 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

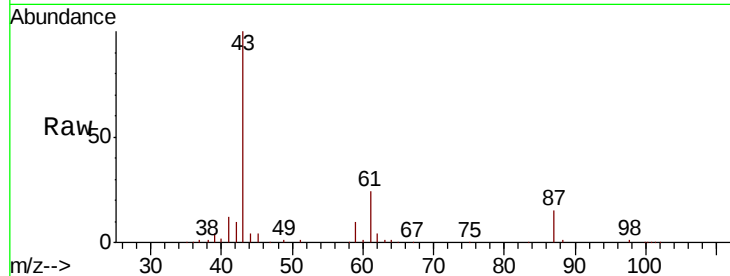
Tot Ion: 43 Resp: 102767

Ion Ratio Lower Upper

43 100

61 33.2 25.0 37.6

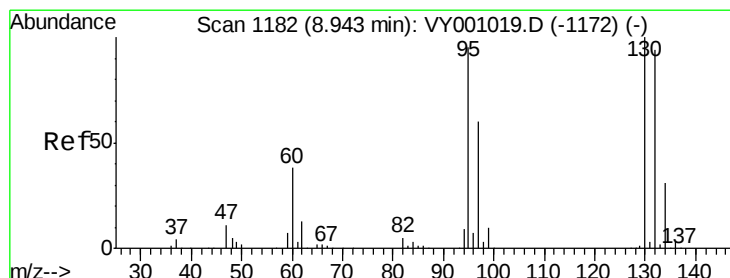
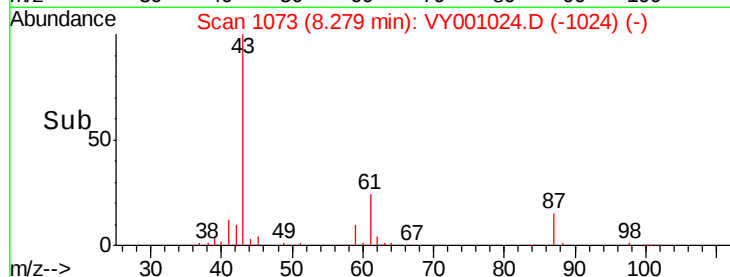
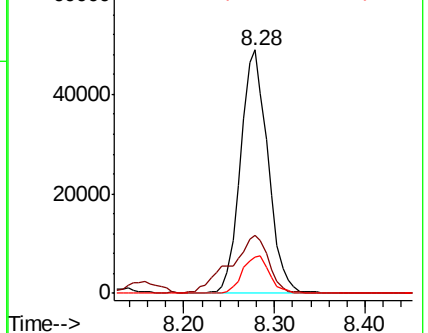
87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 19.908 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001024.D

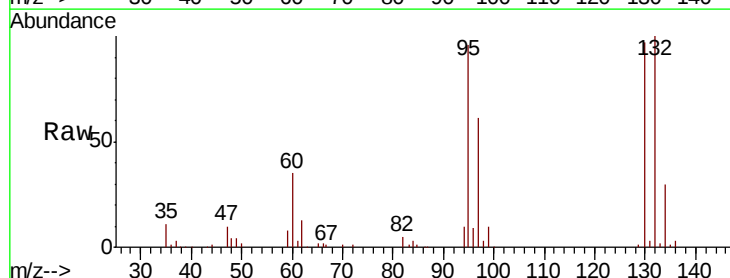
Acq: 23 Dec 2019 13:39

Tgt Ion:130 Resp: 93200

Ion Ratio Lower Upper

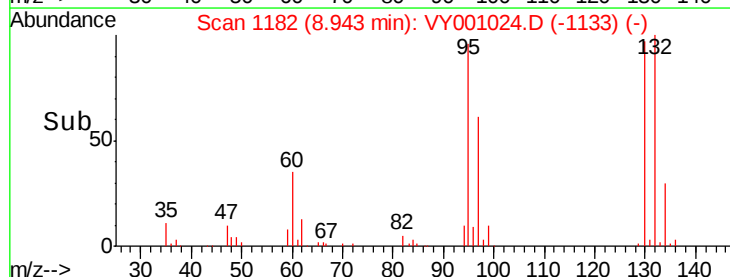
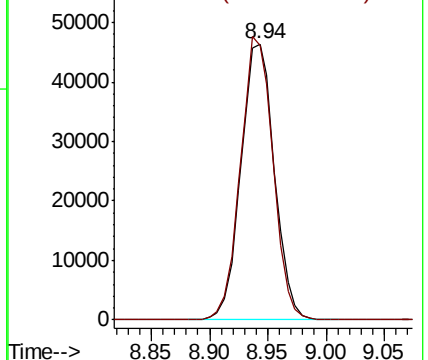
130 100

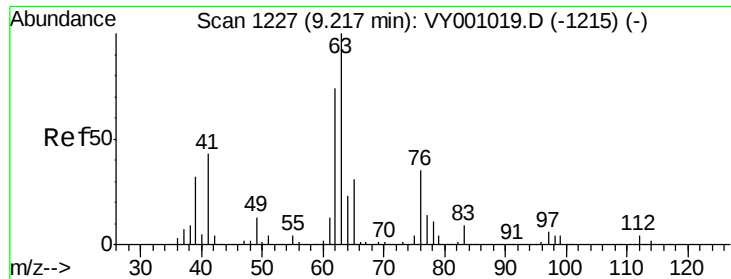
95 99.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

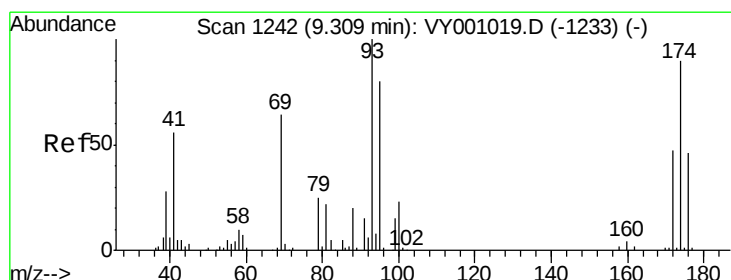
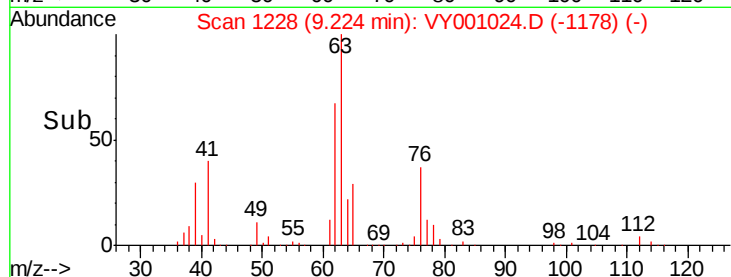
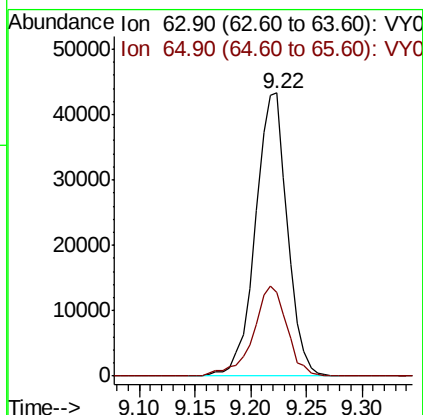
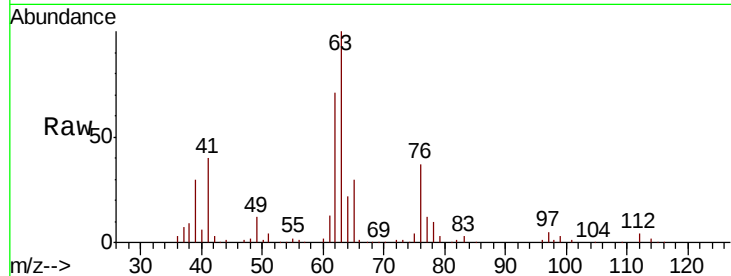




#45
 1,2-Dichloropropane
 Concen: 19.398 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

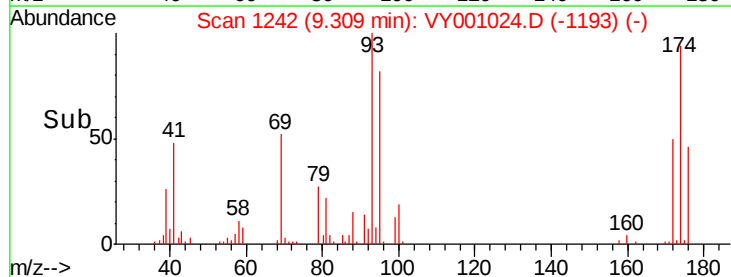
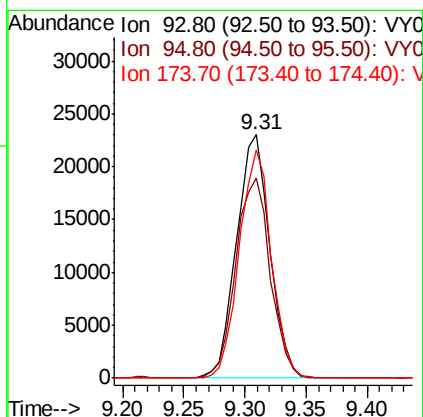
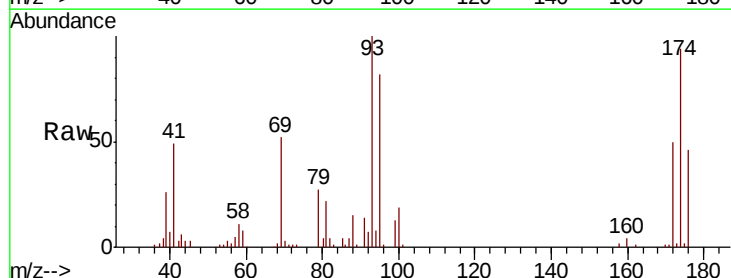
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

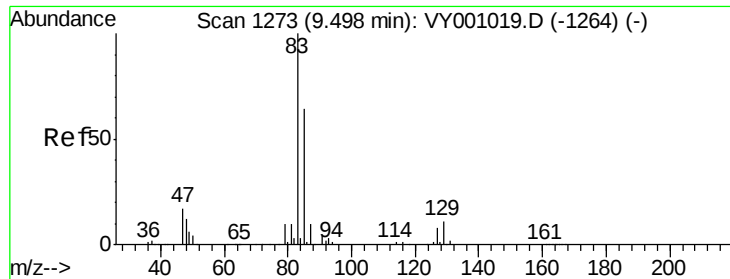
Tot Ion: 63 Resp: 86467
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.1 37.7



#46
 Dibromomethane
 Concen: 18.967 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion: 93 Resp: 43582
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.7 100.1
 174 90.1 73.6 110.4





#47

Bromodichloromethane

Concen: 19.301 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

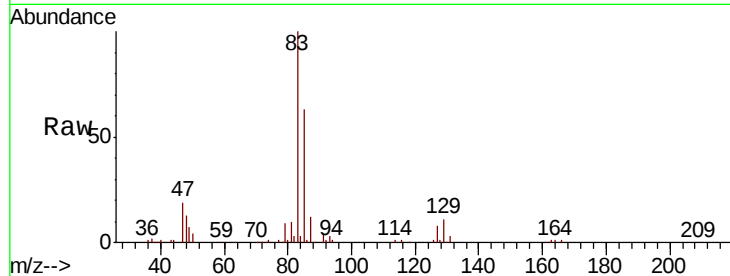
Tot Ion: 83 Resp: 102731

Ion Ratio Lower Upper

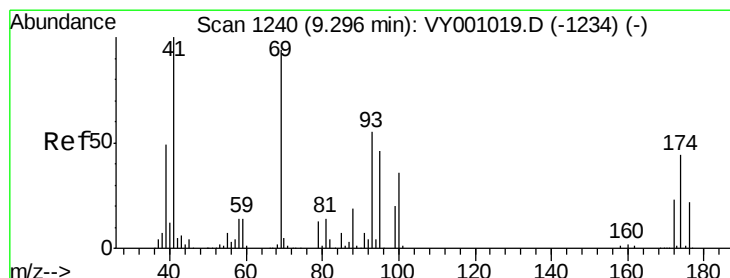
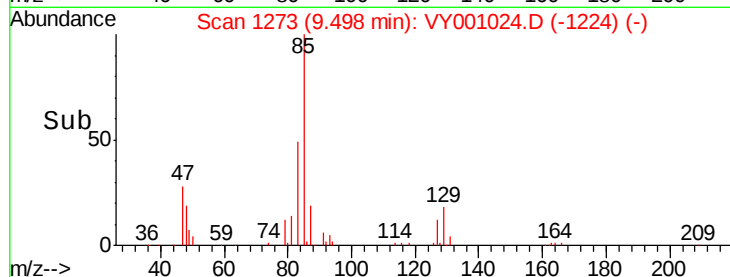
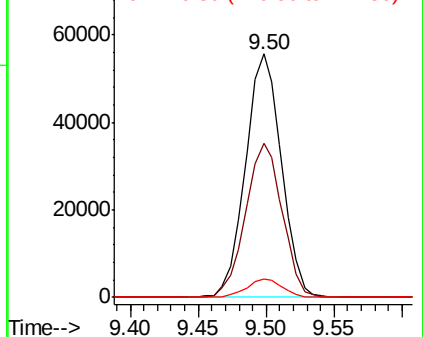
83 100

85 63.2 50.9 76.3

127 7.8 6.4 9.6



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



#48

Methyl methacrylate

Concen: 17.023 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

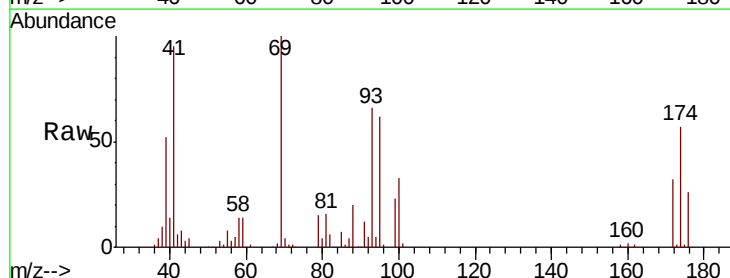
Tgt Ion: 41 Resp: 43854

Ion Ratio Lower Upper

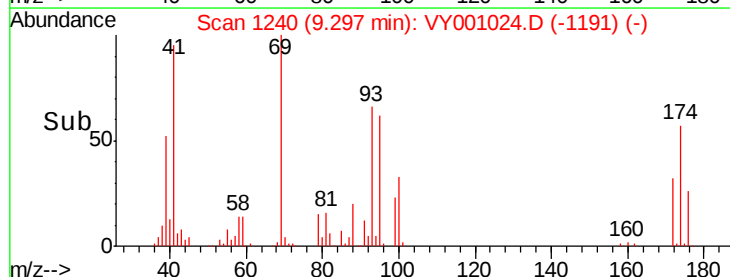
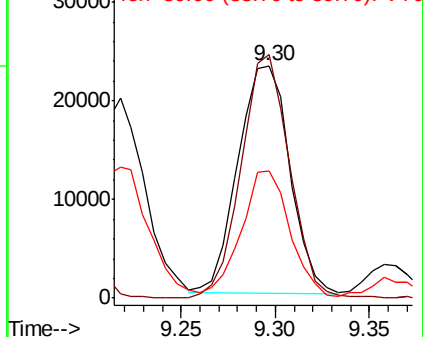
41 100

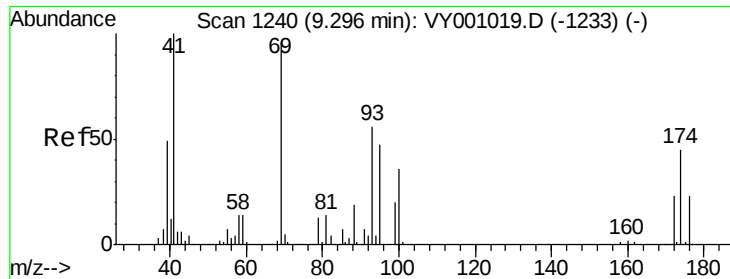
69 100.3 79.8 119.6

39 53.3 41.7 62.5



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

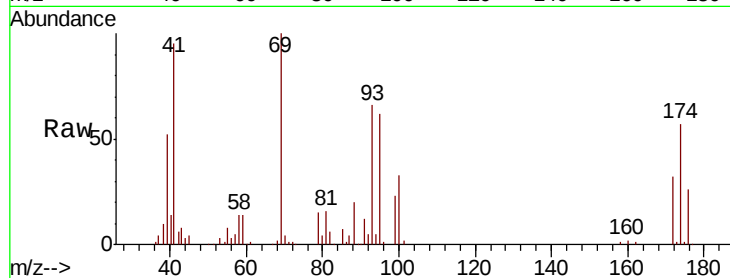




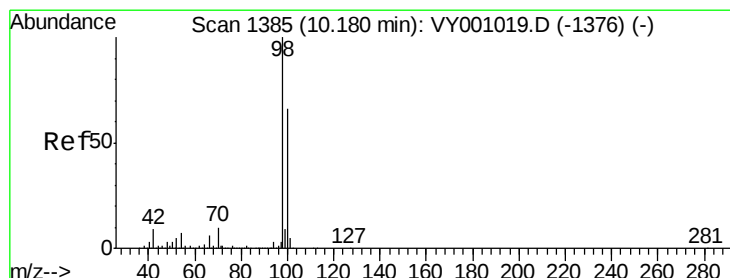
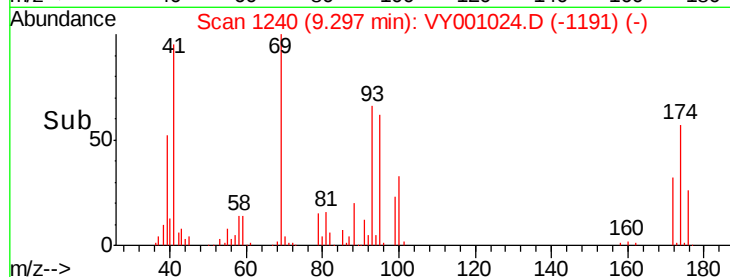
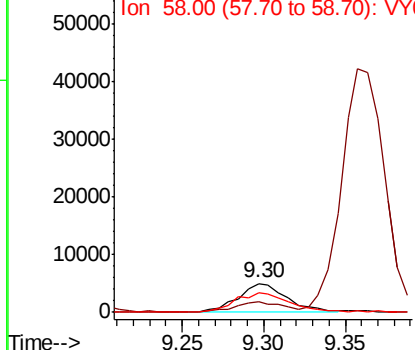
#49
1,4-Dioxane
Concen: 305.806 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 88 Resp: 10279
Ion Ratio Lower Upper
88 100
43 37.3 23.0 34.4#
58 78.5 54.9 82.3

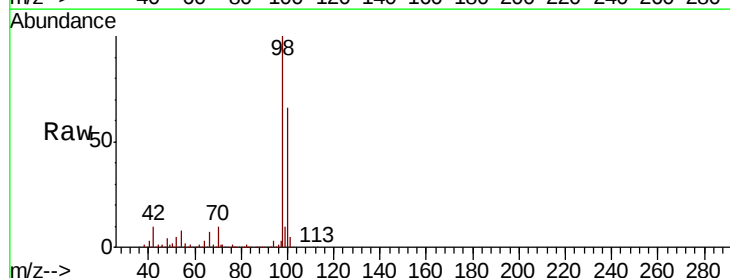


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

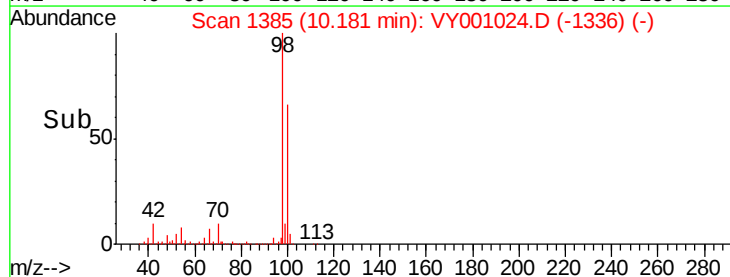
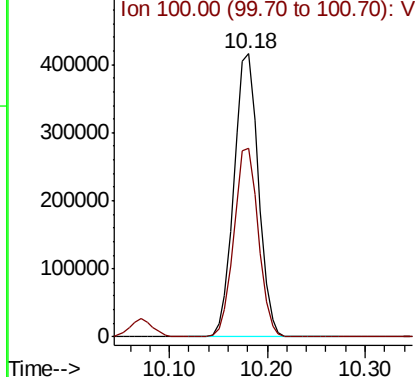


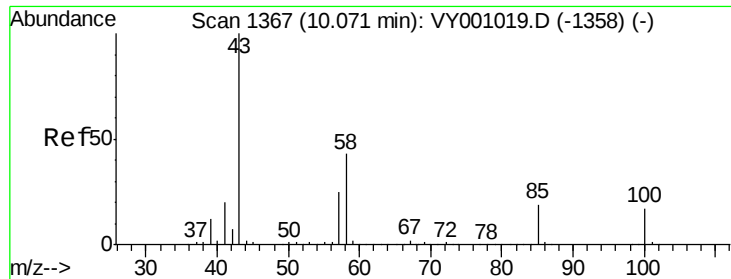
#50
Toluene-d8
Concen: 50.859 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 98 Resp: 722567
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



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: 83.004 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

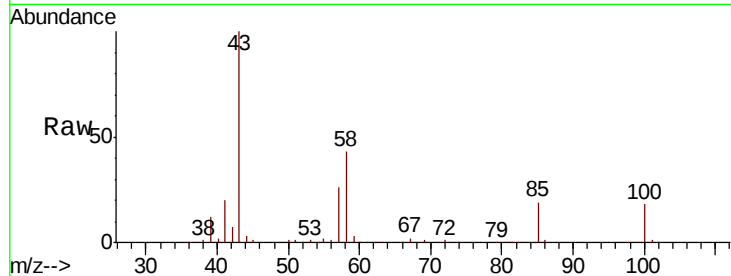
VY1223SBS01

Tot Ion: 43 Resp: 261177

Ion Ratio Lower Upper

43 100

58 43.0 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-1358) (-)

10.07

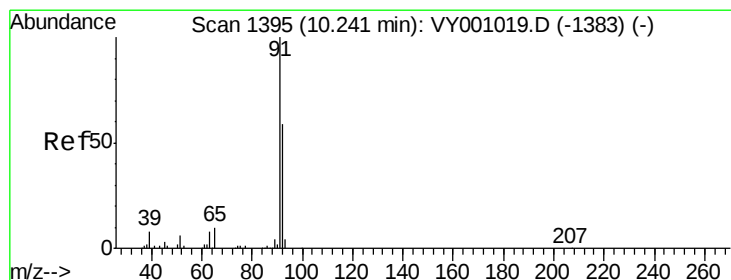
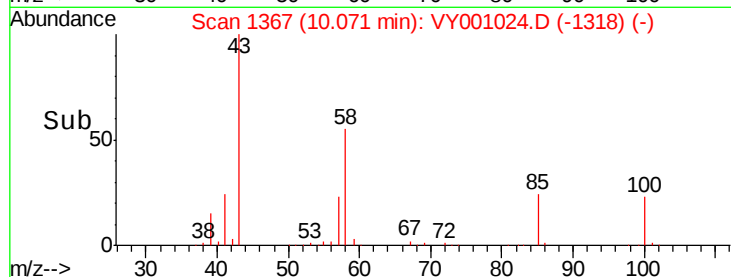
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.626 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001024.D

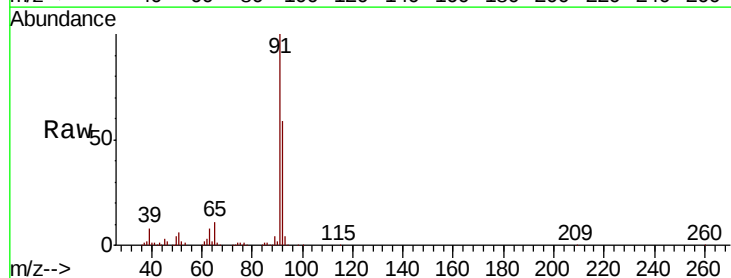
Acq: 23 Dec 2019 13:39

Tgt Ion: 92 Resp: 214634

Ion Ratio Lower Upper

92 100

91 174.8 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY001019.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001019.D (-1383) (-)

250000

200000

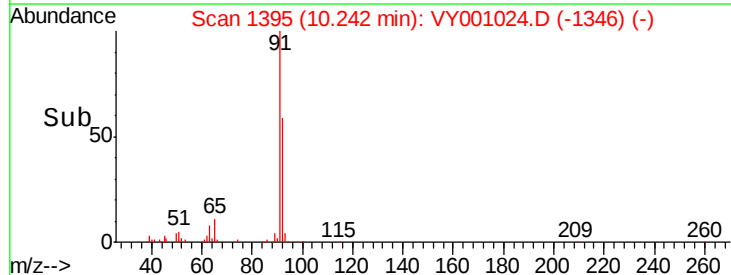
150000

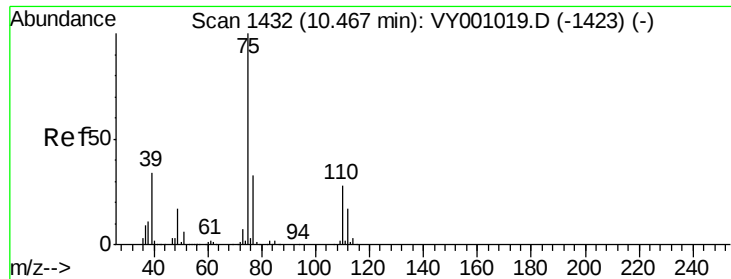
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.491 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

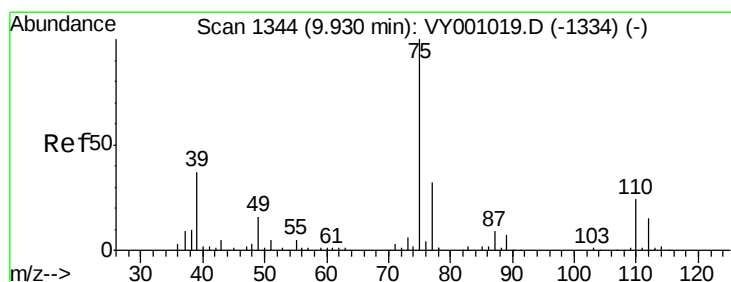
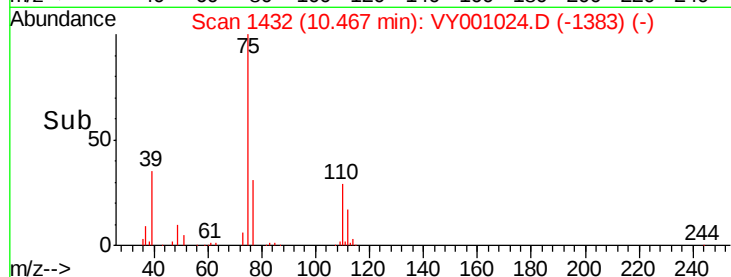
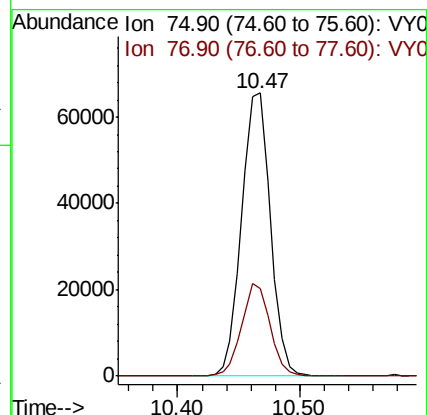
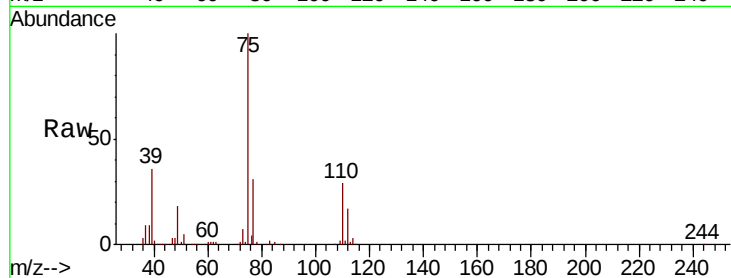
VY1223SBS01

Tot Ion: 75 Resp: 106810

Ion Ratio Lower Upper

75 100

77 30.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 19.452 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

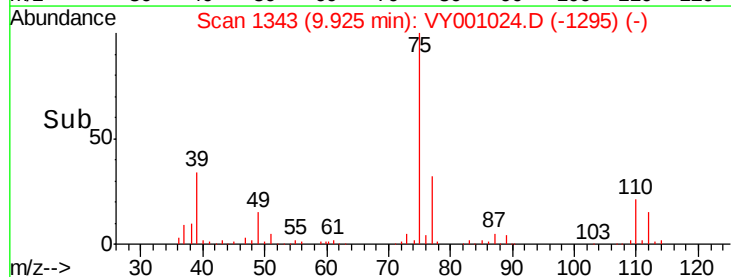
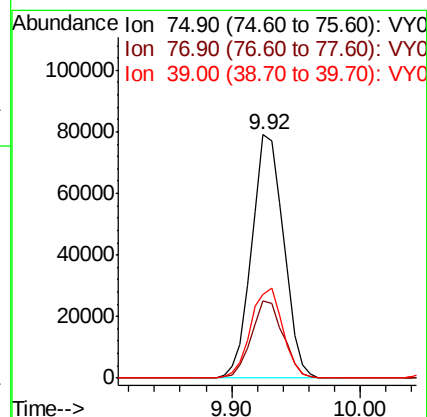
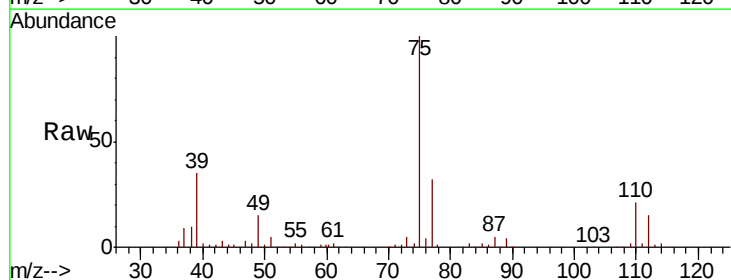
Tgt Ion: 75 Resp: 135114

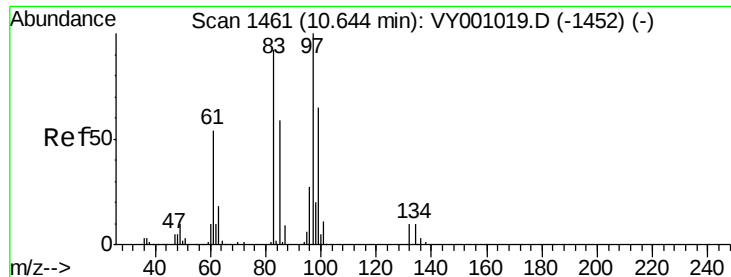
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 34.5 29.5 44.3



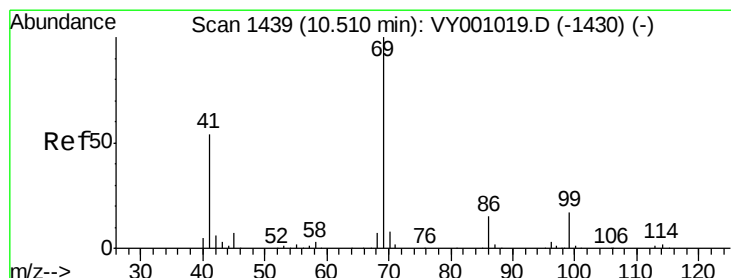
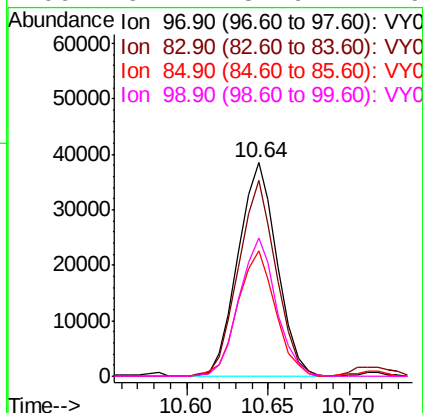
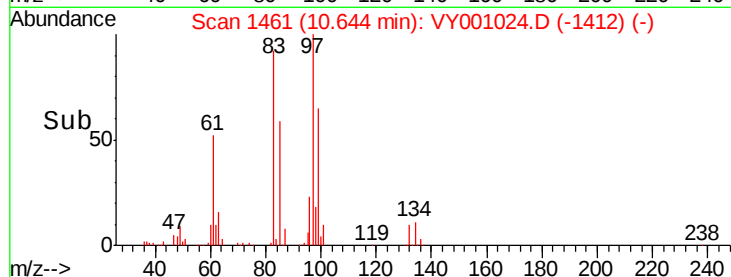
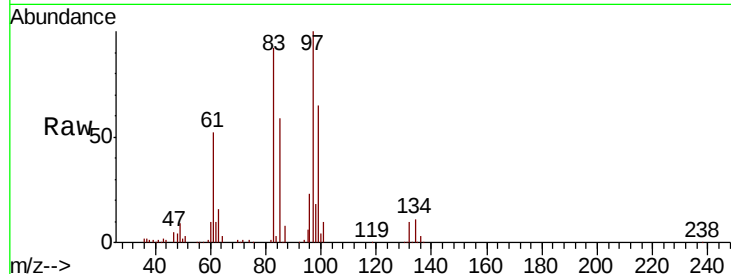


#55
 1,1,2-Trichloroethane
 Concen: 18.653 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion: 97 Resp: 63987

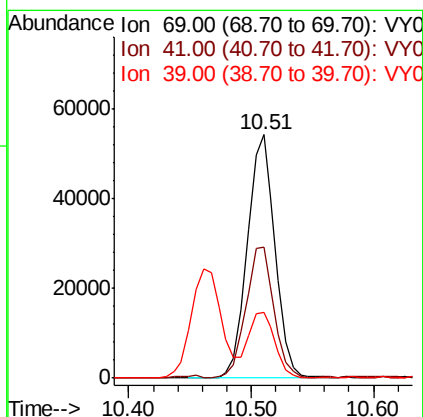
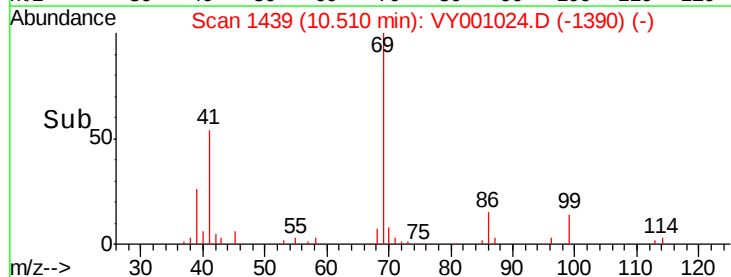
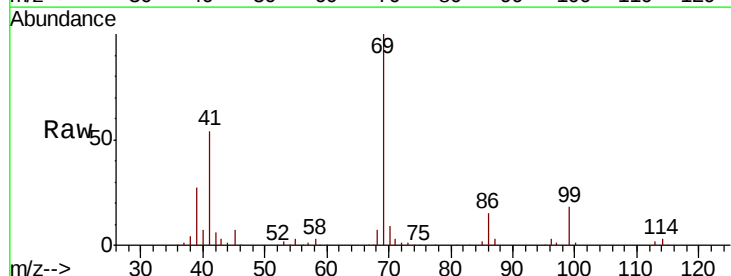
Ion	Ratio	Lower	Upper
97	100		
83	92.0	73.7	110.5
85	58.8	47.3	70.9
99	64.7	51.9	77.9

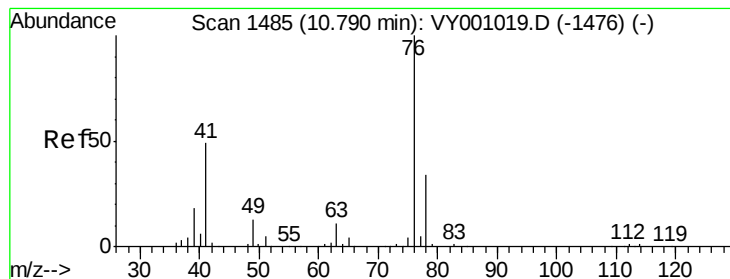


#56
 Ethyl methacrylate
 Concen: 17.466 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion: 69 Resp: 85272

Ion	Ratio	Lower	Upper
69	100		
41	53.7	44.7	67.1
39	27.2	22.2	33.4





#57

1,3-Dichloropropane

Concen: 18.264 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

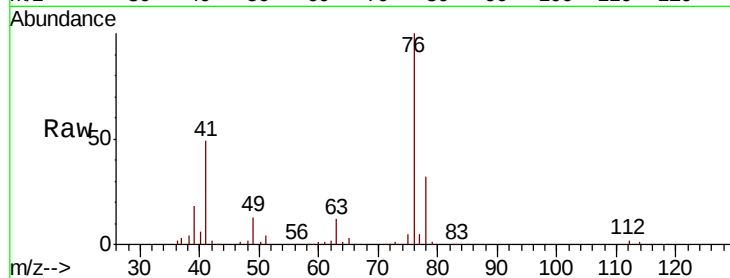
VY1223SBS01

Tot Ion: 76 Resp: 109816

Ion Ratio Lower Upper

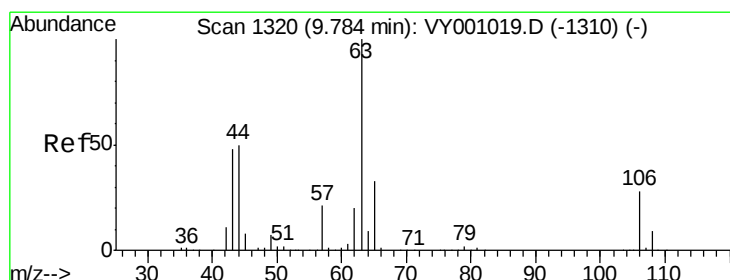
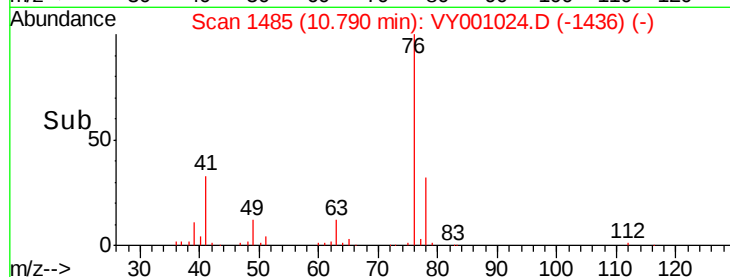
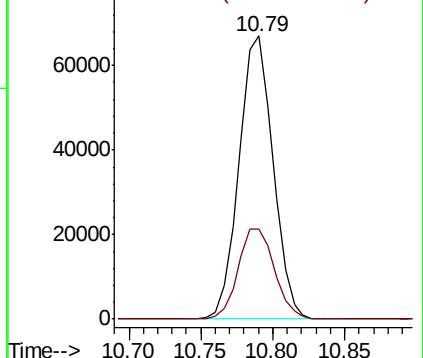
76 100

78 34.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 86.814 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001024.D

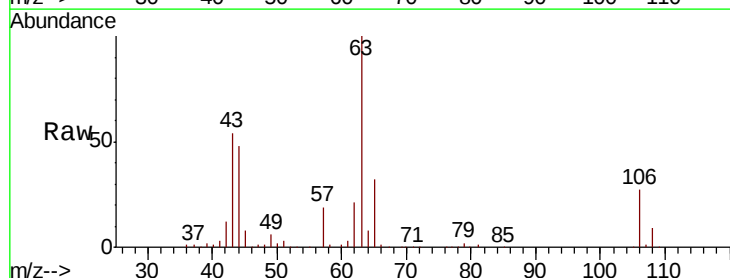
Acq: 23 Dec 2019 13:39

Tgt Ion: 63 Resp: 163703

Ion Ratio Lower Upper

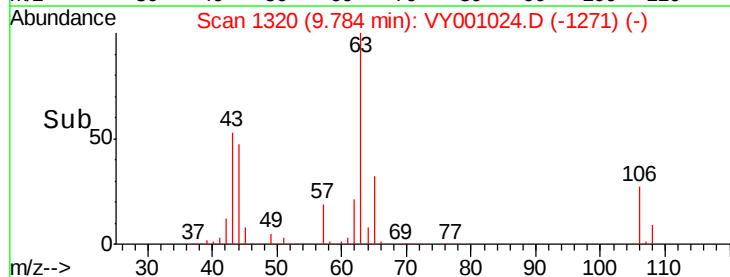
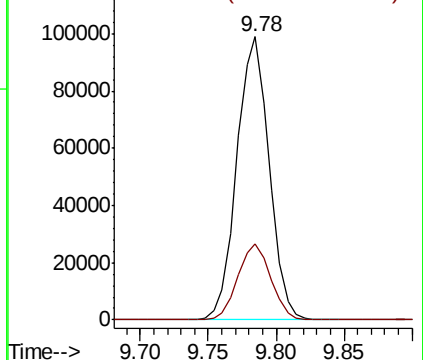
63 100

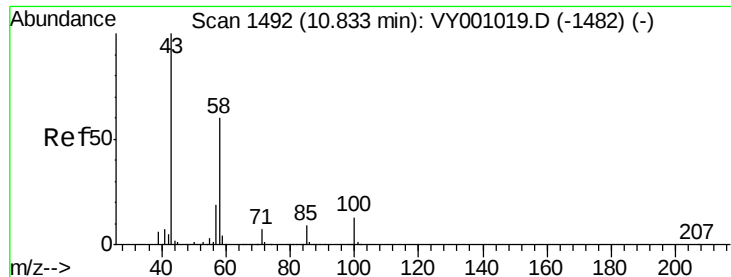
106 27.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

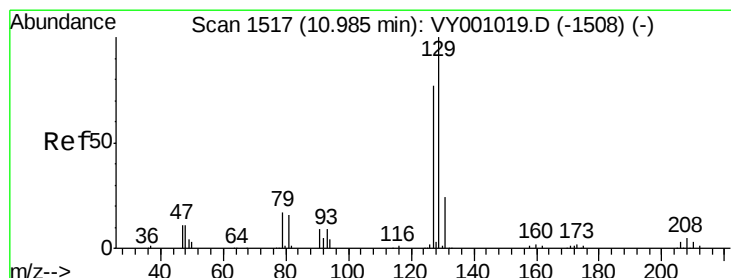
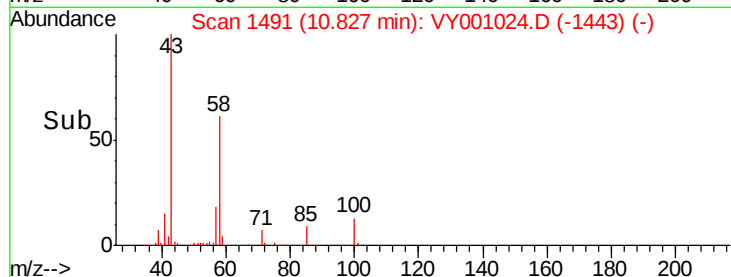
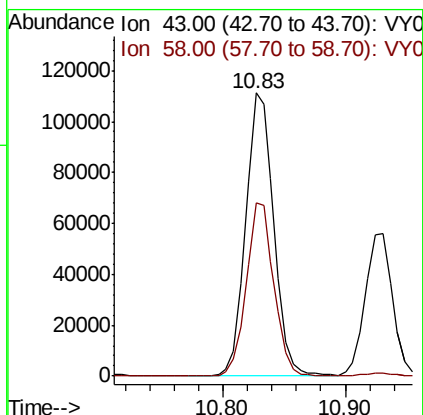
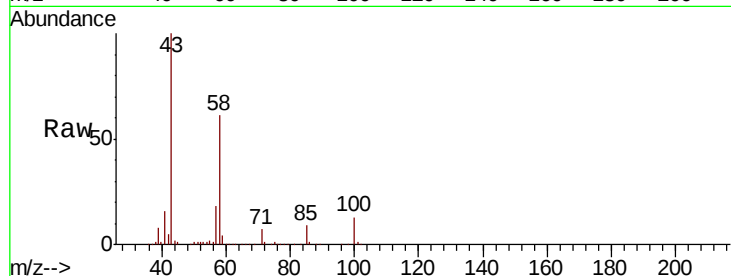




#59
2-Hexanone
Concen: 81.325 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

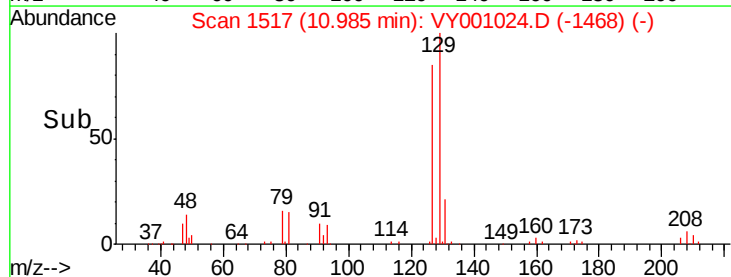
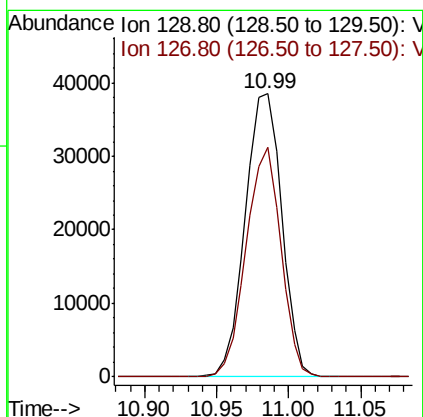
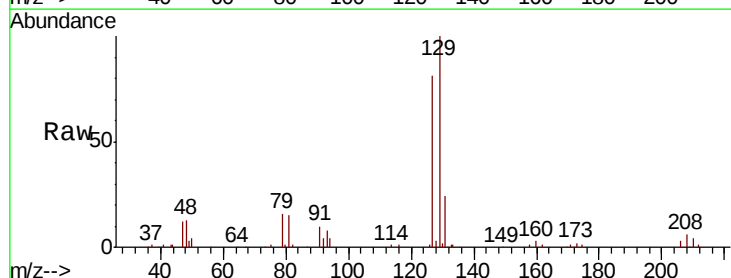
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

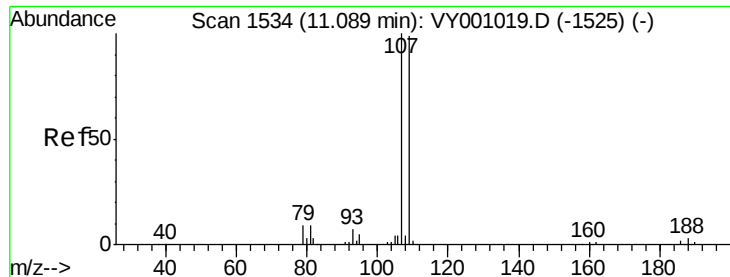
Tot Ion: 43 Resp: 177064
Ion Ratio Lower Upper
43 100
58 60.4 30.6 91.6



#60
Dibromochloromethane
Concen: 18.522 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 129 Resp: 67868
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

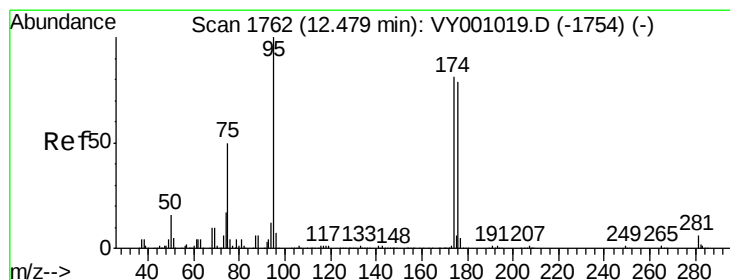
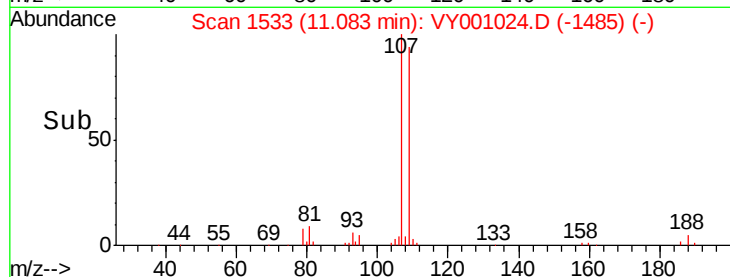
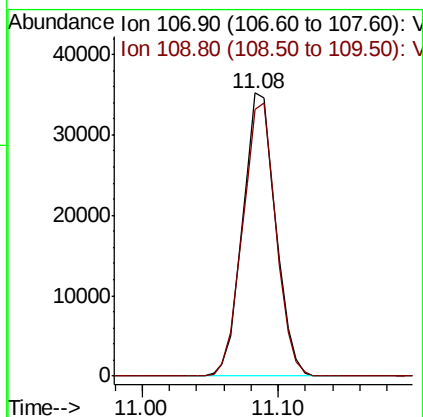
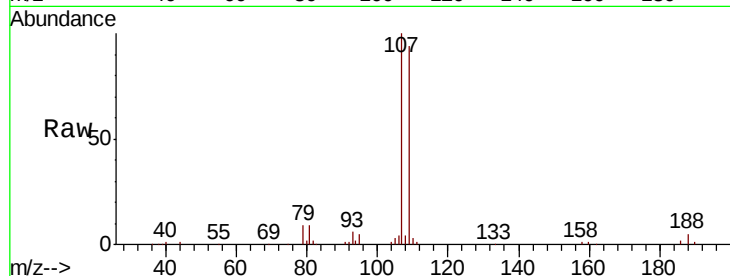




#61
1,2-Dibromoethane
Concen: 18.220 ug/l
RT: 11.08 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

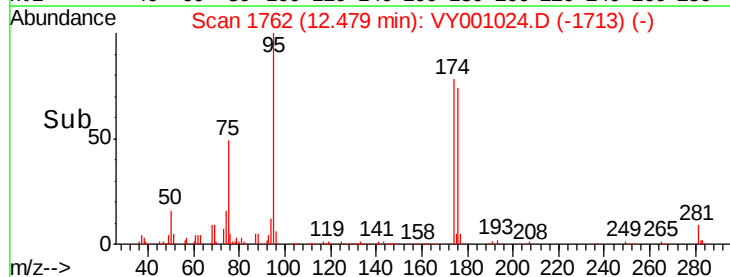
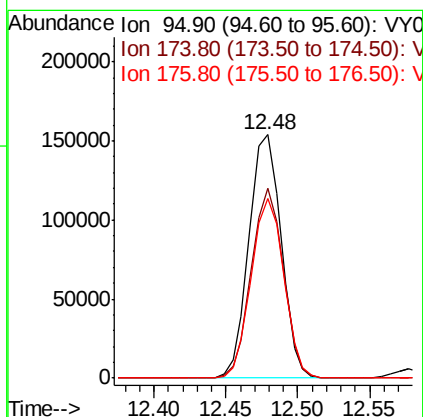
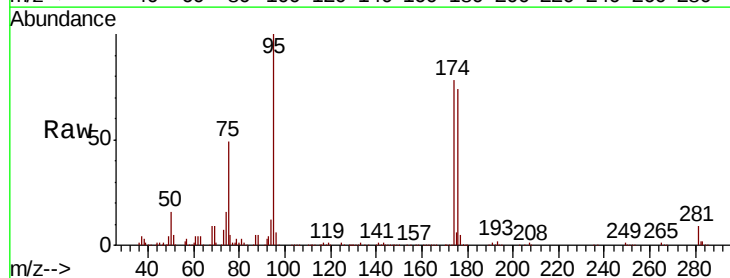
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

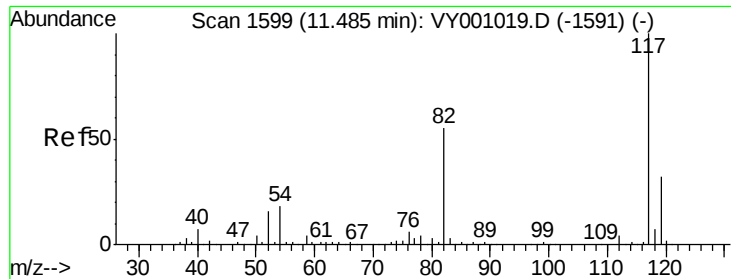
Tot Ion: 107 Resp: 59766
Ion Ratio Lower Upper
107 100
109 97.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 45.918 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 95 Resp: 238515
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.4
176 74.7 0.0 155.0

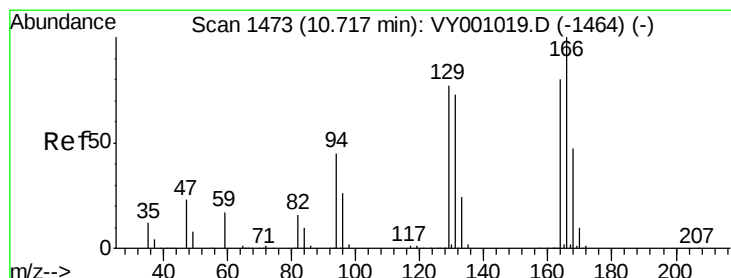
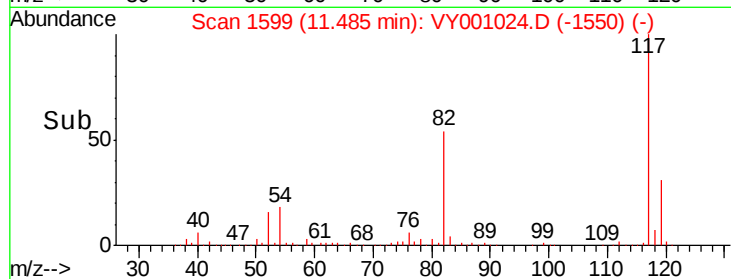
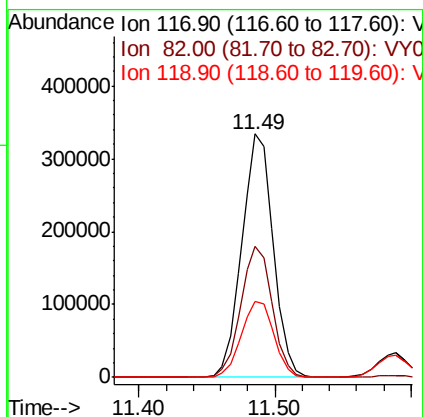
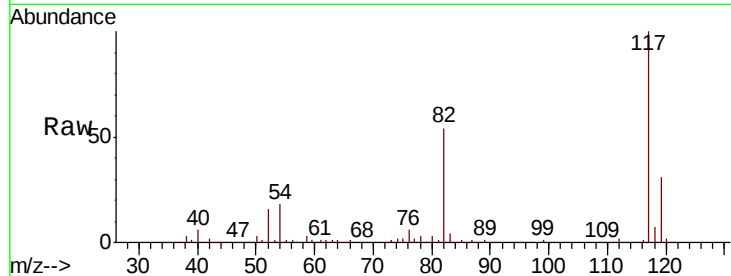




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

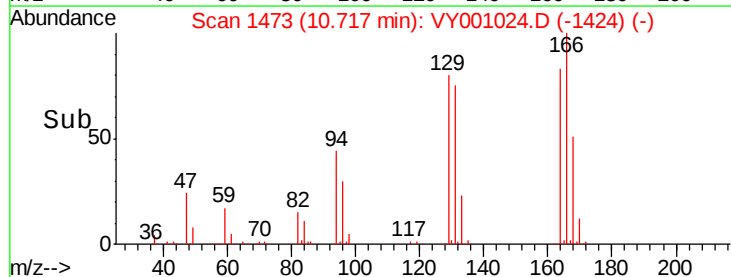
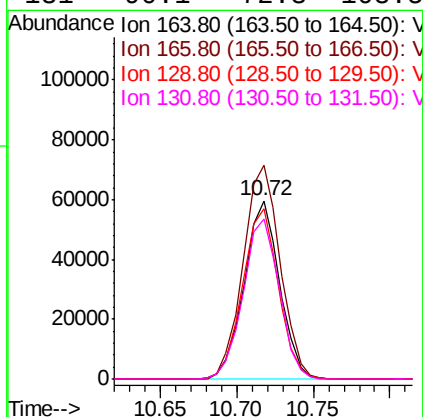
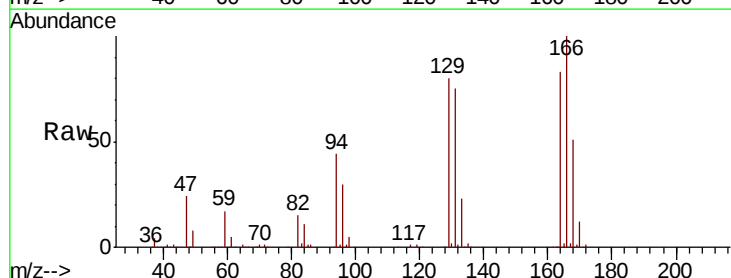
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

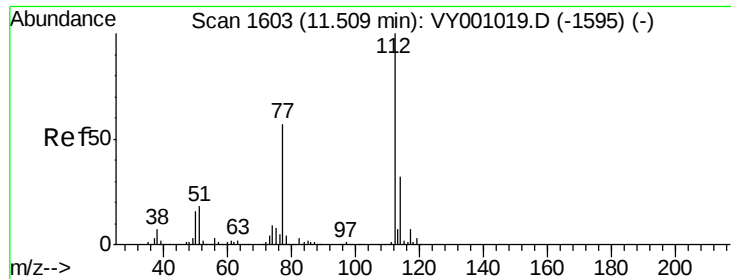
Tot Ion:117 Resp: 537205
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 20.593 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:164 Resp: 95718
Ion Ratio Lower Upper
164 100
166 119.8 99.7 149.5
129 95.4 76.9 115.3
131 90.1 72.3 108.5

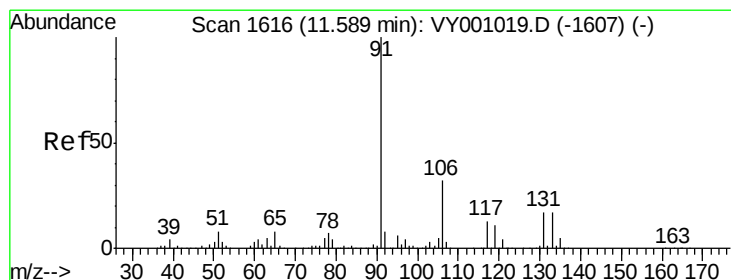
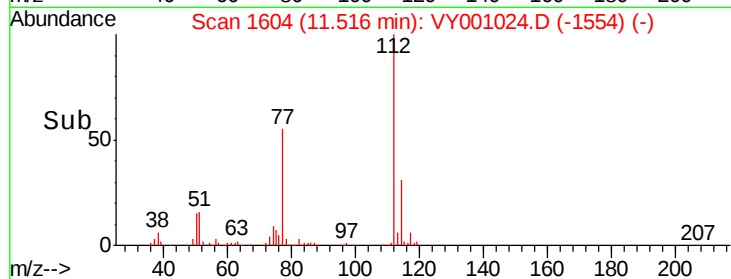
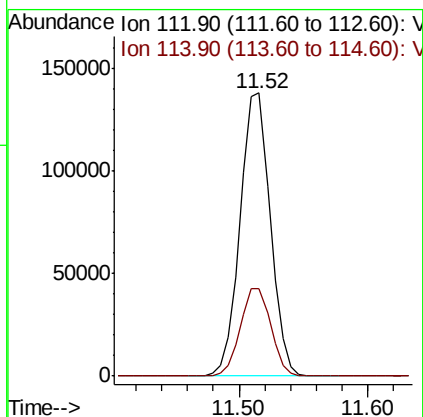
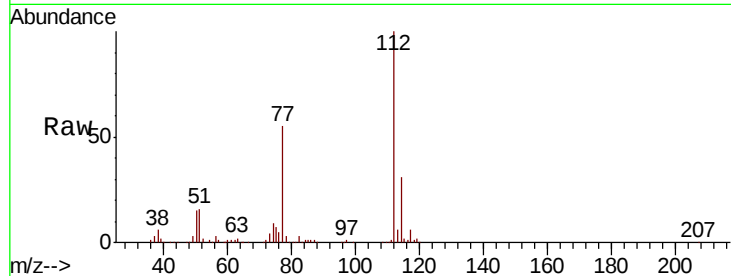




#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

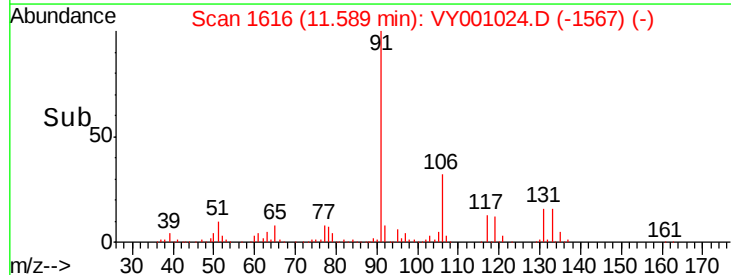
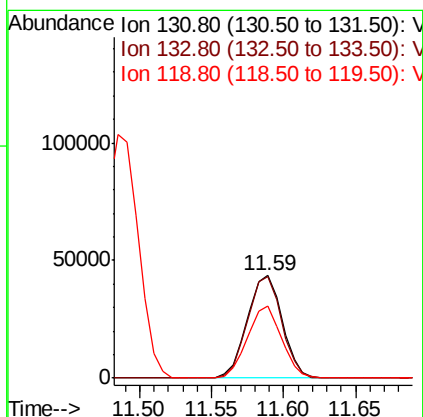
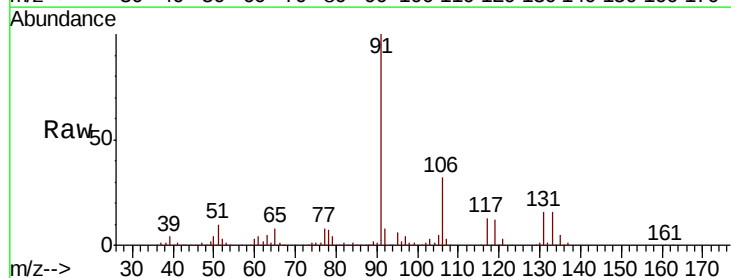
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

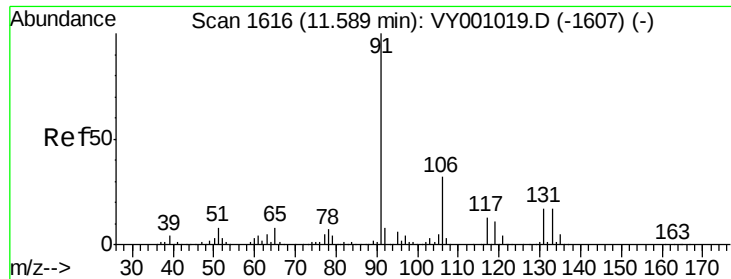
Tot Ion:112 Resp: 223841
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:131 Resp: 73299
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 68.7 34.0 101.8

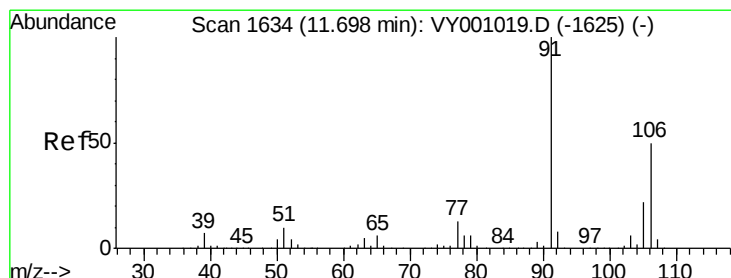
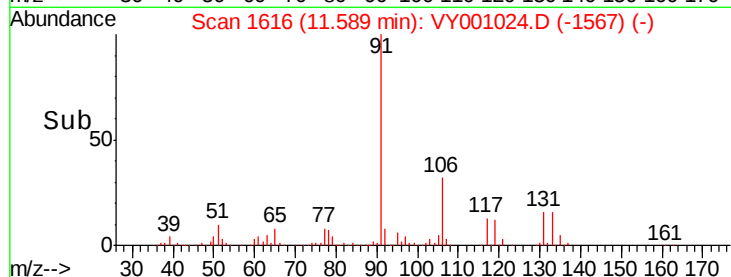
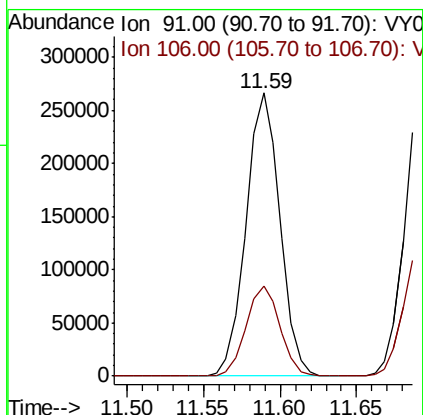
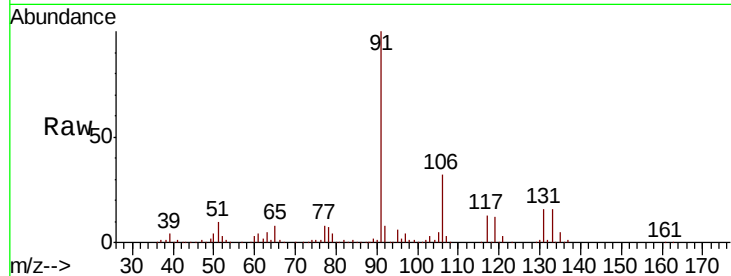




#67
Ethyl Benzene
Concen: 20.437 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

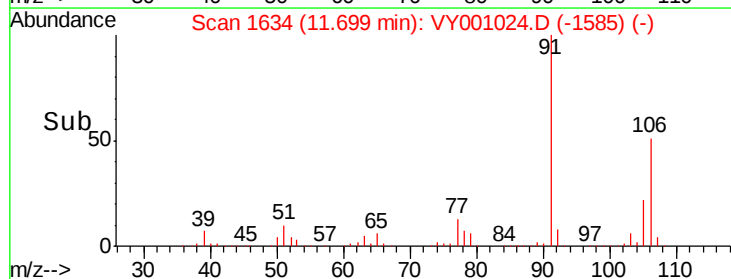
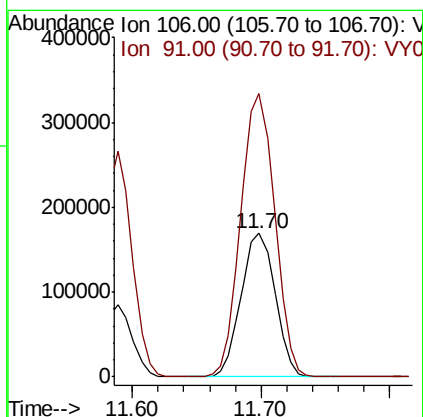
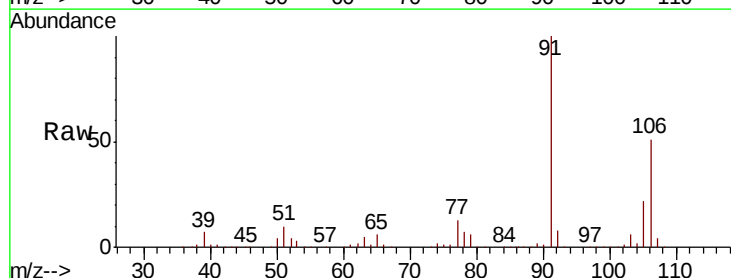
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

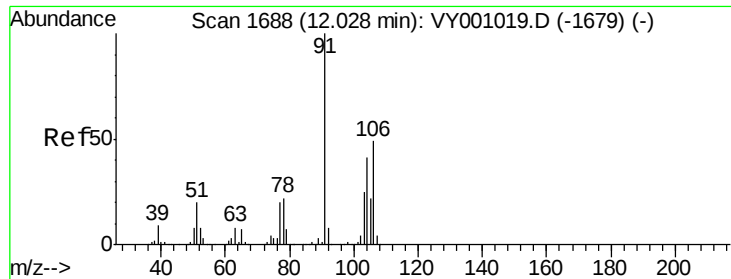
Tot Ion: 91 Resp: 409621
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 40.860 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion: 106 Resp: 310956
Ion Ratio Lower Upper
106 100
91 196.8 156.4 234.6

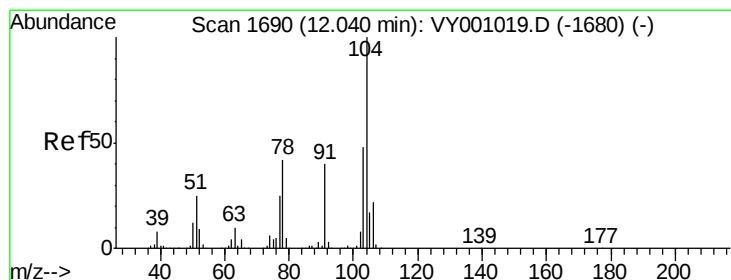
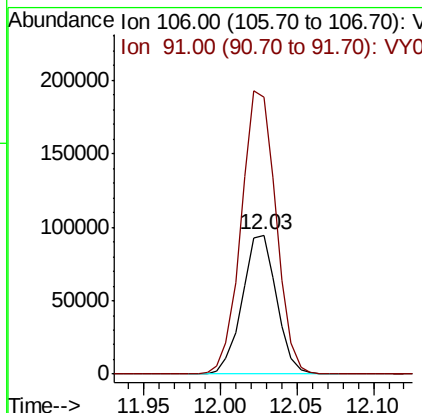
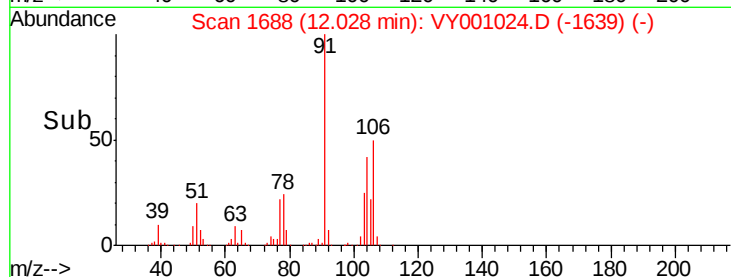
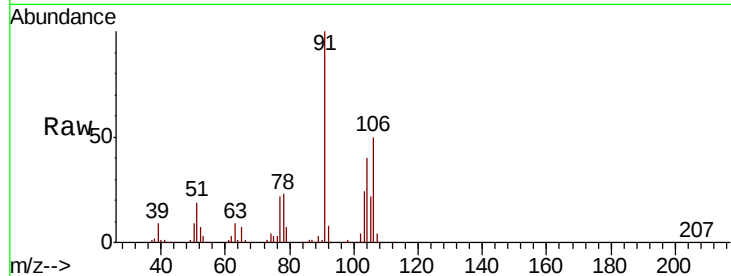




#69
o-Xylene
Concen: 20.585 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

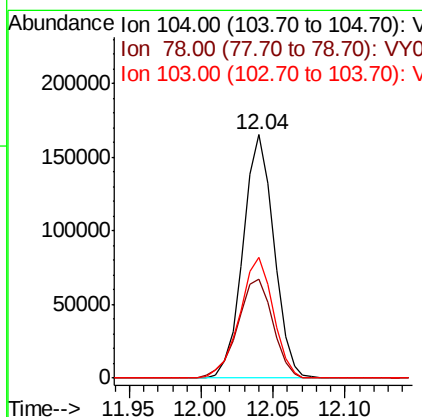
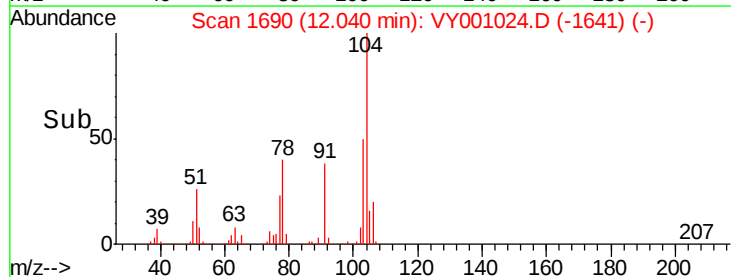
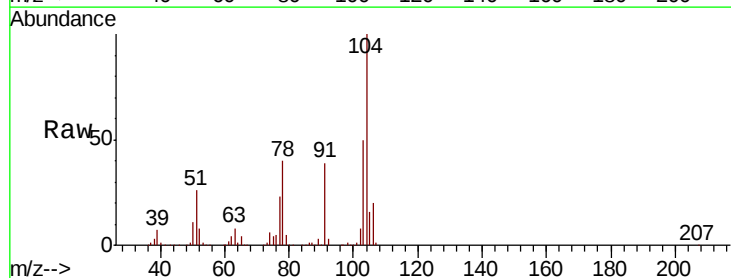
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

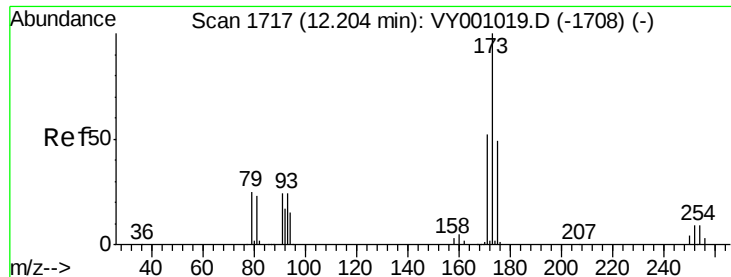
Tot Ion:106 Resp: 147378
Ion Ratio Lower Upper
106 100
91 206.4 103.0 309.0



#70
Styrene
Concen: 20.104 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:104 Resp: 244741
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 54.2 42.6 64.0





#71

Bromoform

Concen: 18.575 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

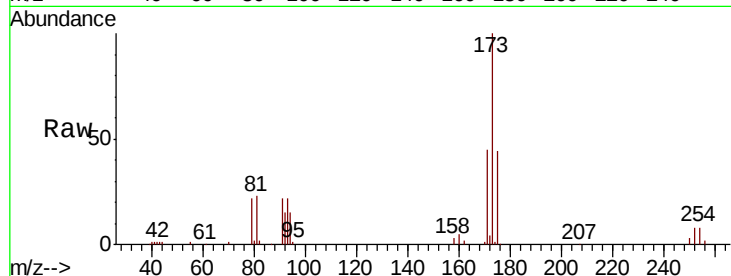
Tot Ion:173 Resp: 38033

Ion Ratio Lower Upper

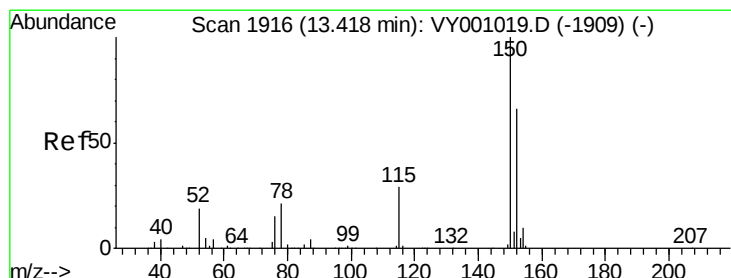
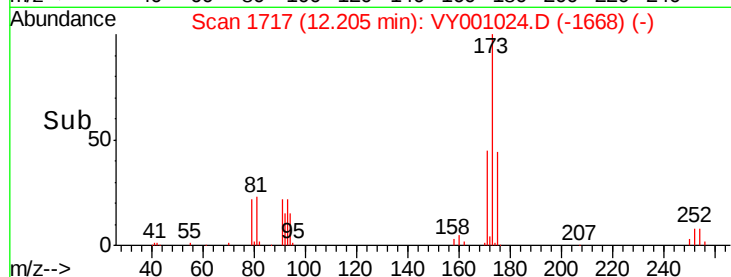
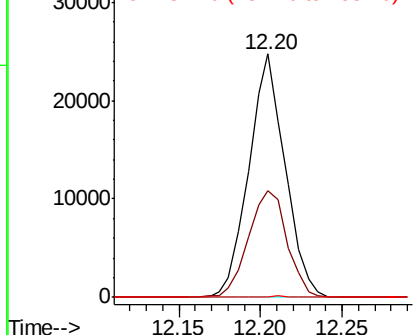
173 100

175 46.7 24.5 73.5

254 0.1 0.0 0.0#



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. 0.01 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

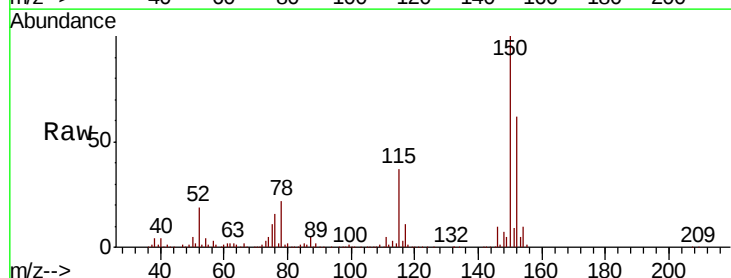
Tgt Ion:152 Resp: 246226

Ion Ratio Lower Upper

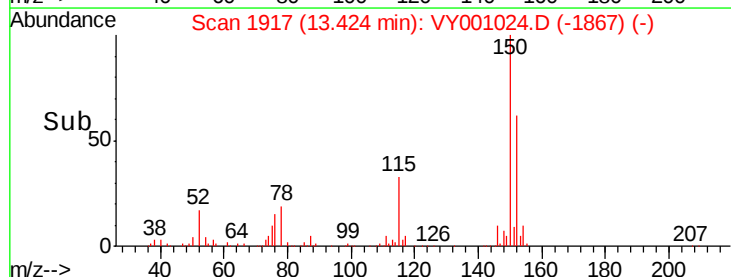
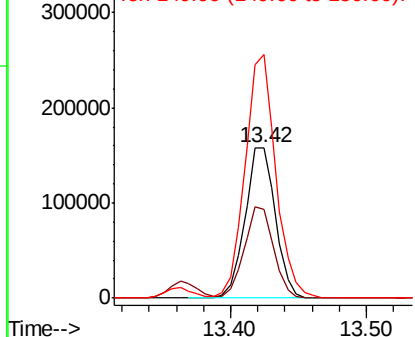
152 100

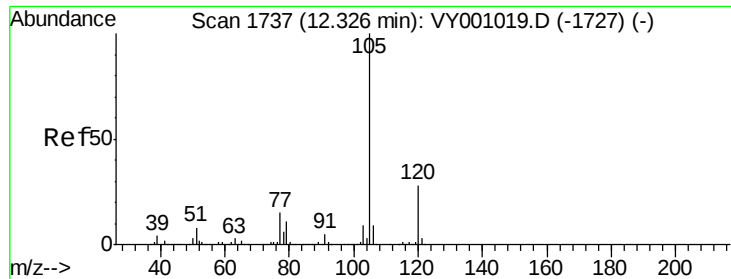
115 58.7 29.8 89.3

150 163.7 0.0 352.6



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: 20.688 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

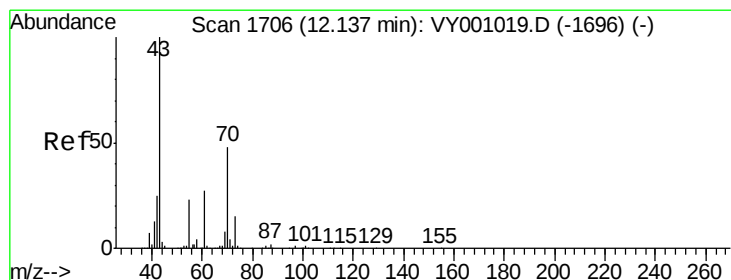
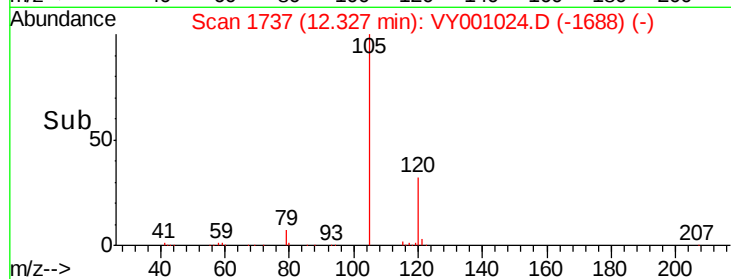
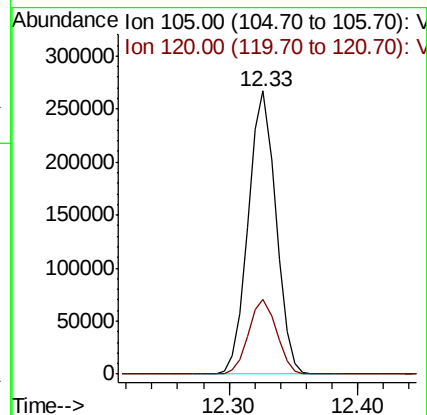
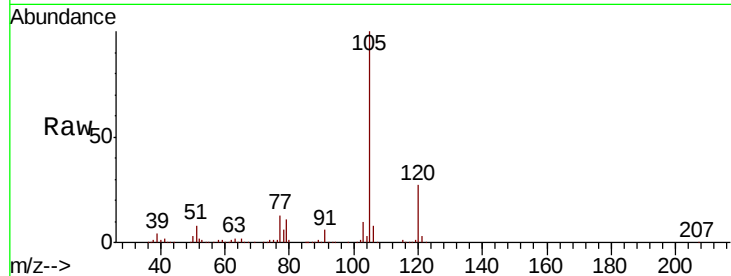
VY1223SBS01

Tot Ion:105 Resp: 394184

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 17.875 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Tgt Ion: 43 Resp: 89477

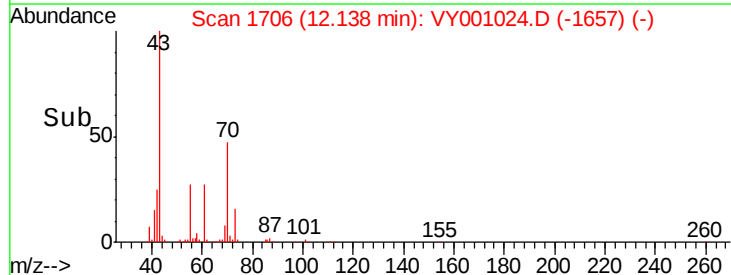
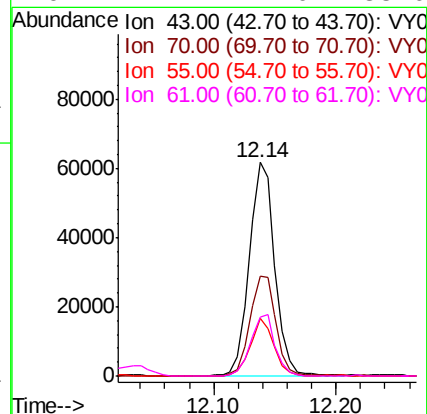
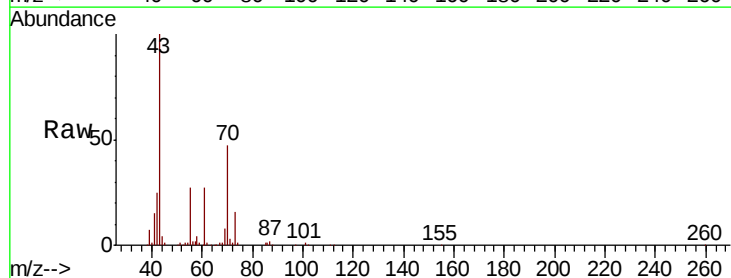
Ion Ratio Lower Upper

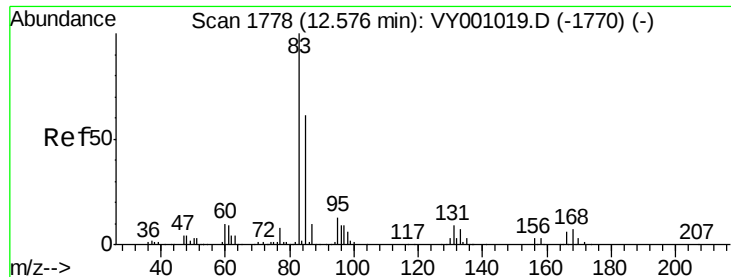
43 100

70 47.6 39.0 58.6

55 24.6 19.5 29.3

61 27.2 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.724 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

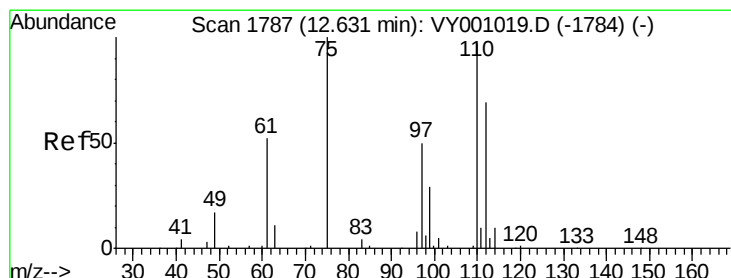
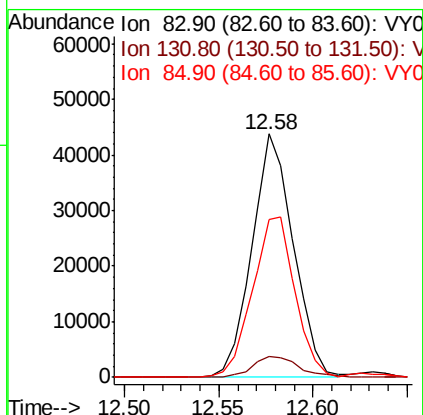
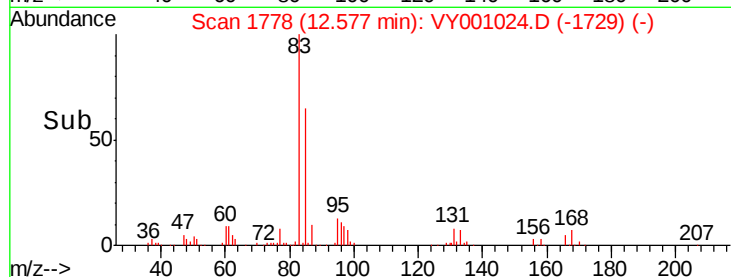
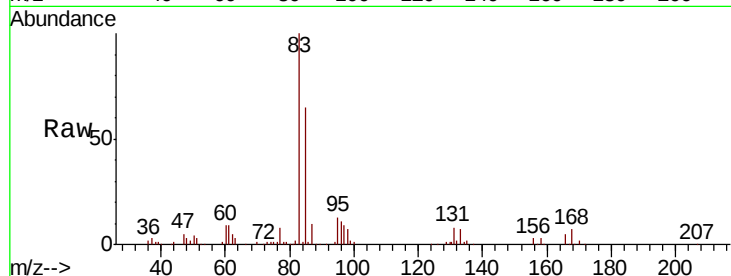
Tot Ion: 83 Resp: 66529

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 67.5 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 30.681 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001024.D

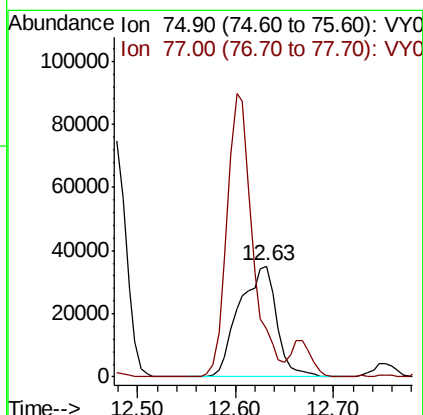
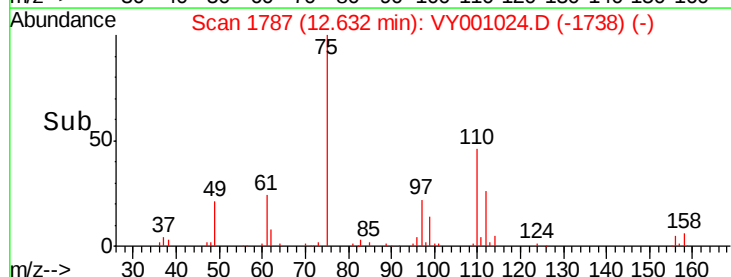
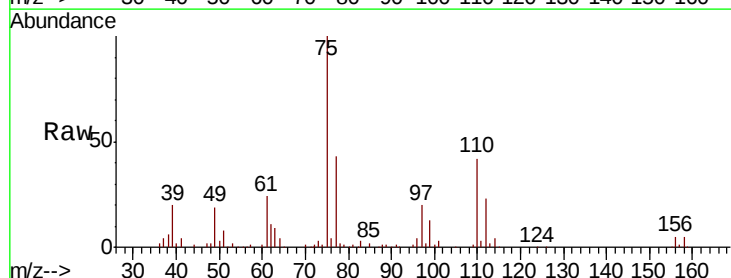
Acq: 23 Dec 2019 13:39

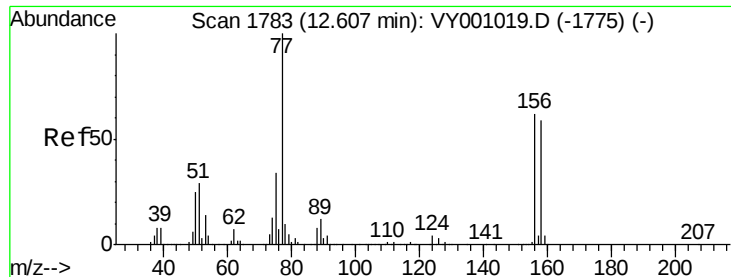
Tgt Ion: 75 Resp: 93130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

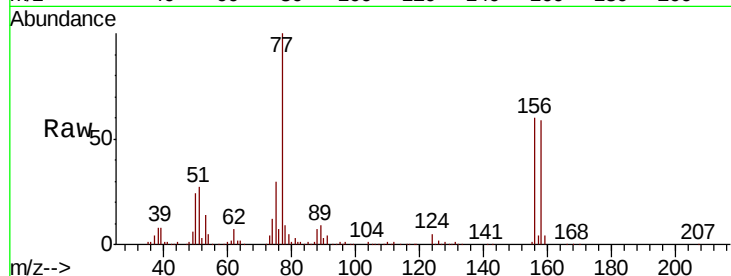
Tot Ion:156 Resp: 83457

Ion Ratio Lower Upper

156 100

77 196.7 98.0 294.1

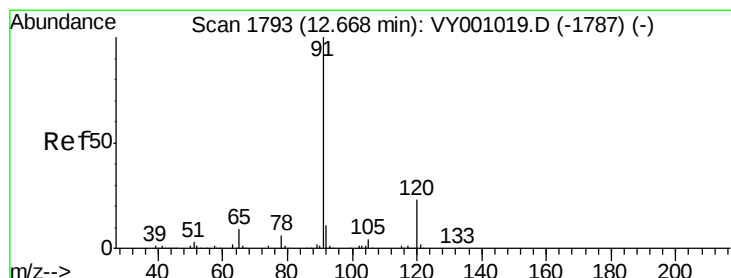
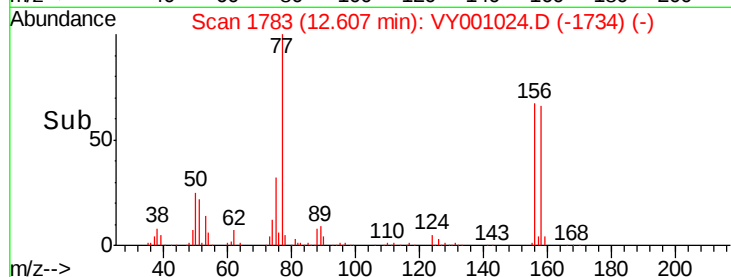
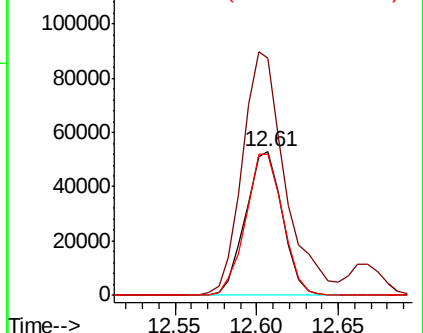
158 99.0 48.5 145.6



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: 20.409 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001024.D

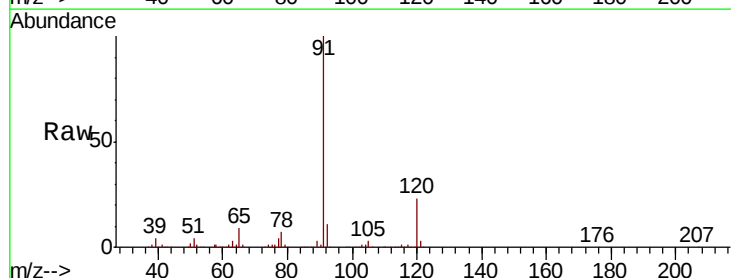
Acq: 23 Dec 2019 13:39

Tgt Ion: 91 Resp: 473845

Ion Ratio Lower Upper

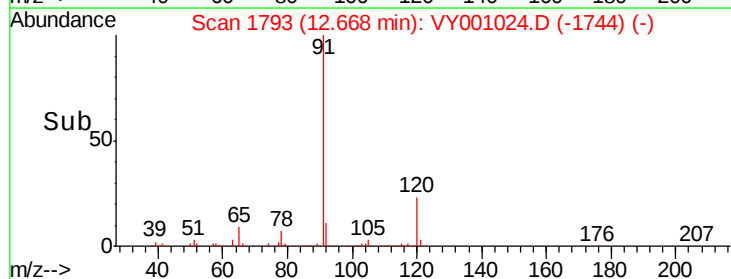
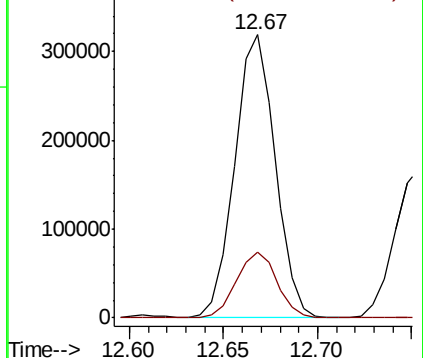
91 100

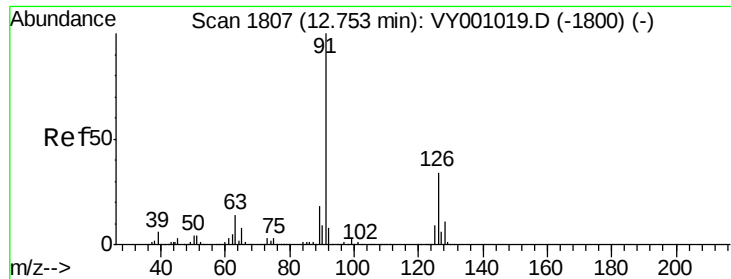
120 23.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.342 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

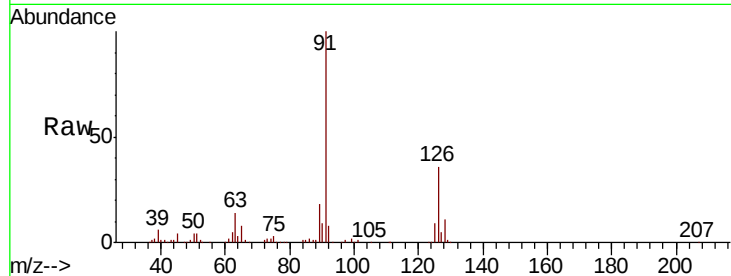
VY1223SBS01

Tot Ion: 91 Resp: 260826

Ion Ratio Lower Upper

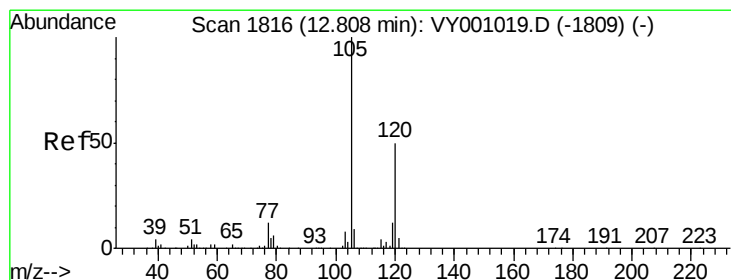
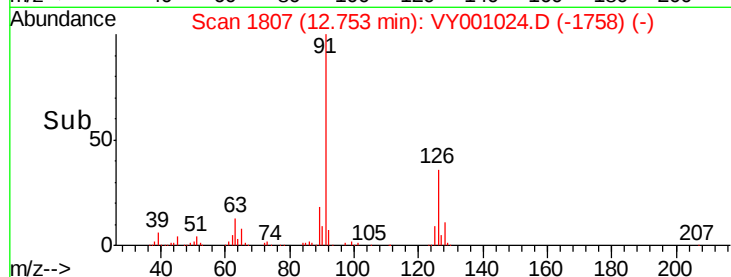
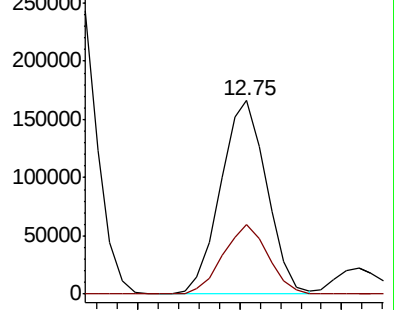
91 100

126 35.3 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.685 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001024.D

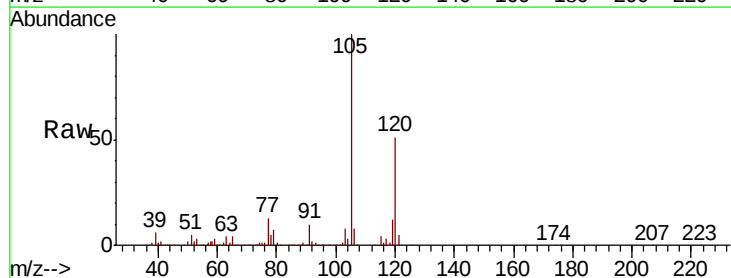
Acq: 23 Dec 2019 13:39

Tgt Ion: 105 Resp: 323075

Ion Ratio Lower Upper

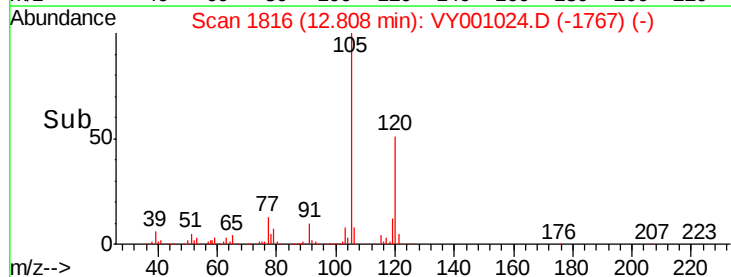
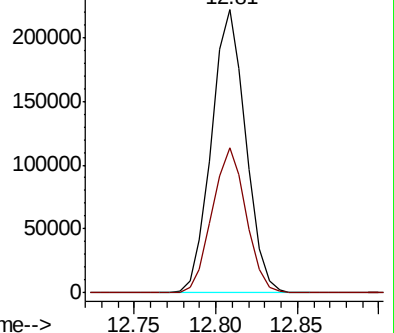
105 100

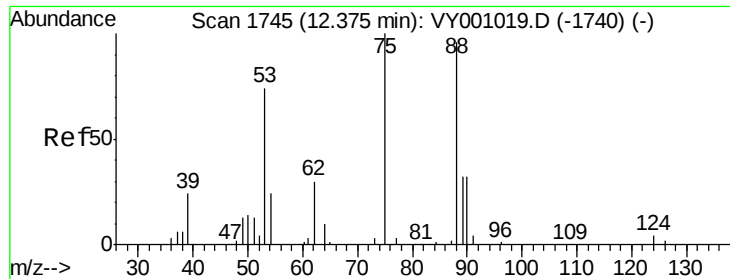
120 51.1 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.579 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

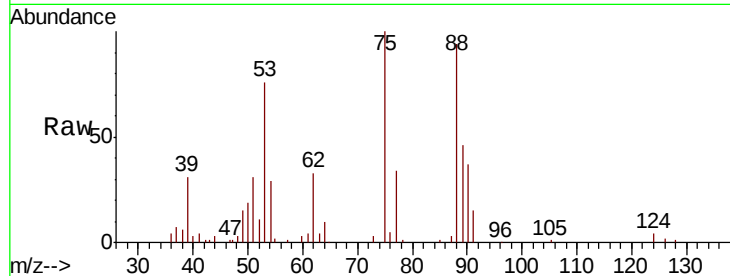
Tot Ion: 75 Resp: 25019

Ion Ratio Lower Upper

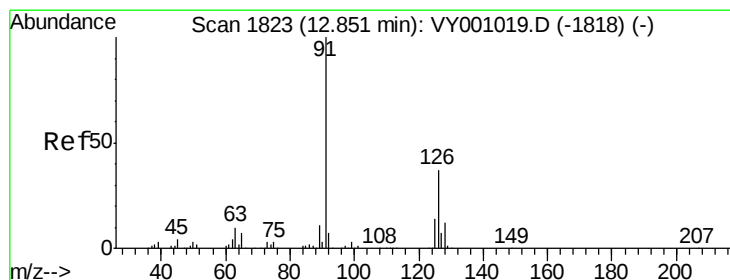
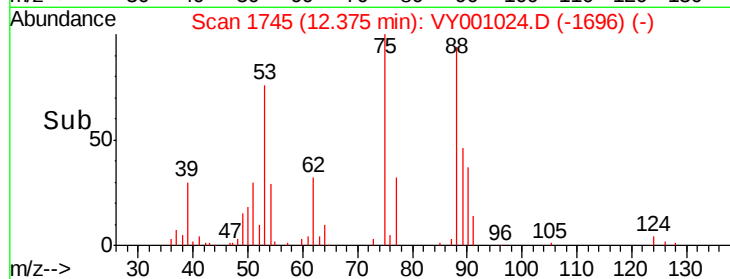
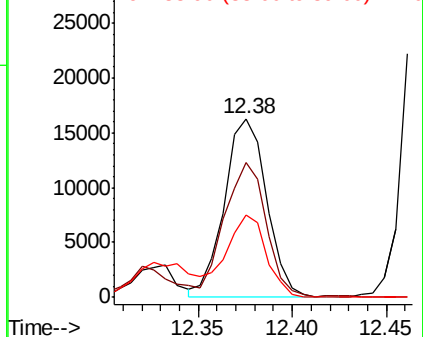
75 100

53 73.7 60.6 91.0

89 44.7 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.231 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001024.D

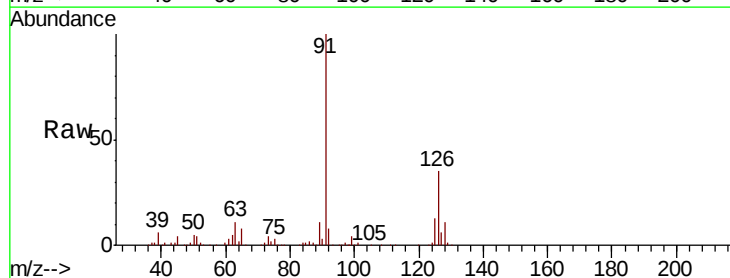
Acq: 23 Dec 2019 13:39

Tgt Ion: 91 Resp: 269432

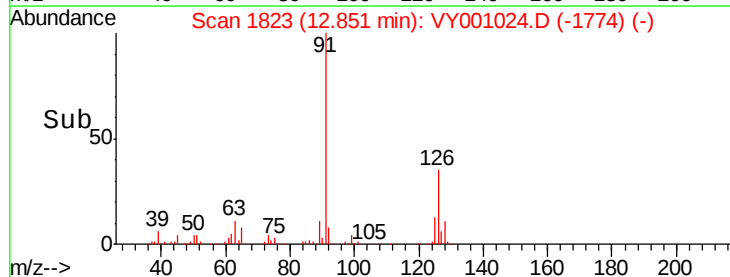
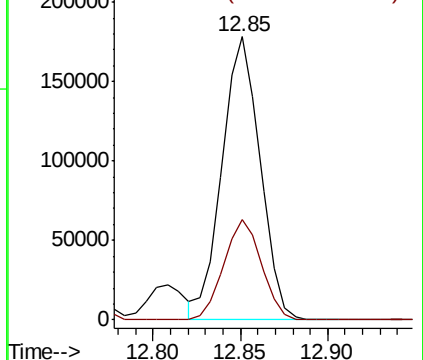
Ion Ratio Lower Upper

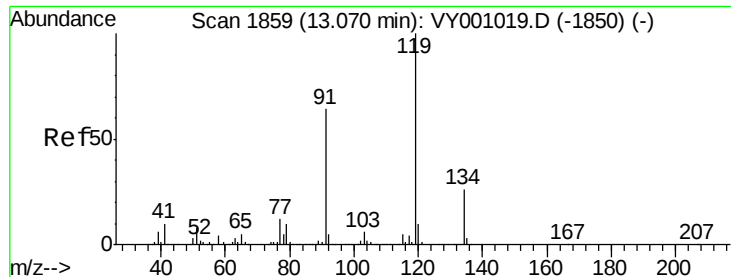
91 100

126 35.1 17.6 52.8



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

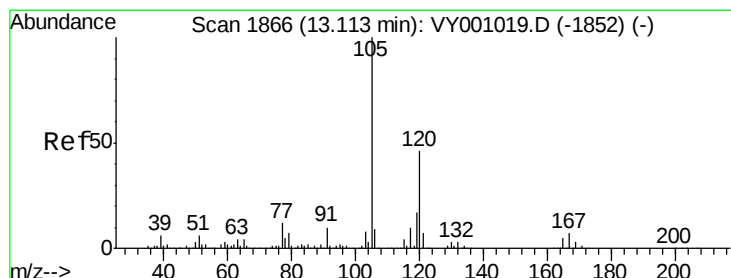
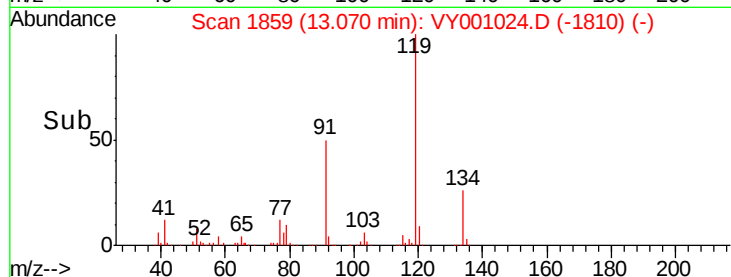
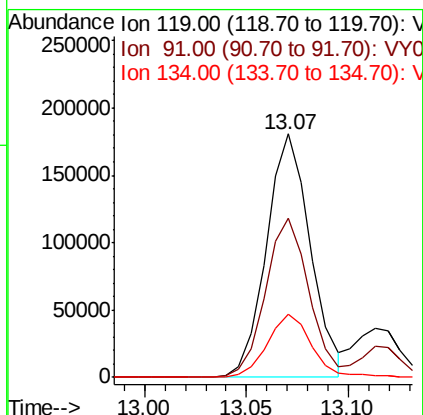
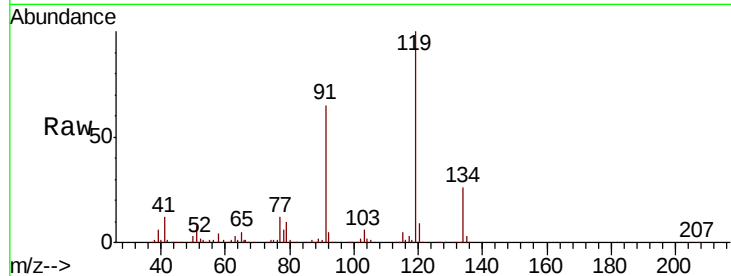




#83
tert-Butylbenzene
Concen: 20.669 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

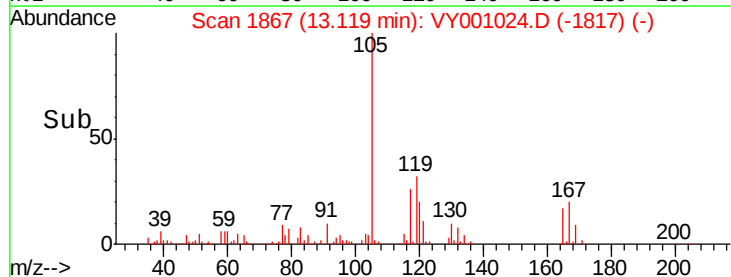
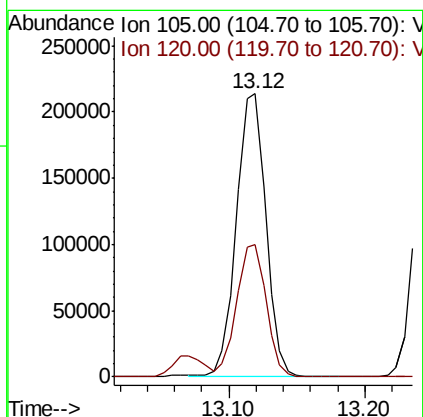
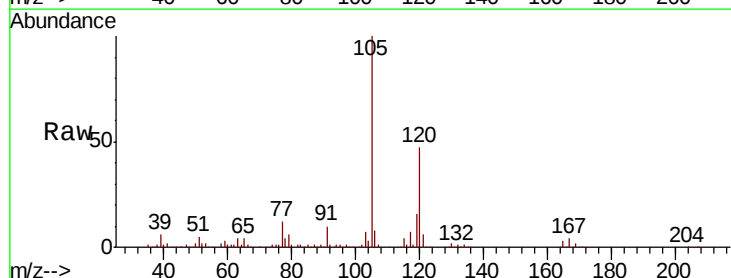
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

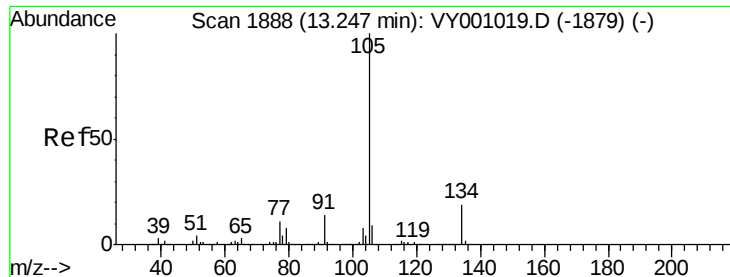
Tot Ion:119 Resp: 270987
Ion Ratio Lower Upper
119 100
91 64.4 31.9 95.7
134 26.4 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 20.611 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001024.D
Acq: 23 Dec 2019 13:39

Tgt Ion:105 Resp: 323489
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2

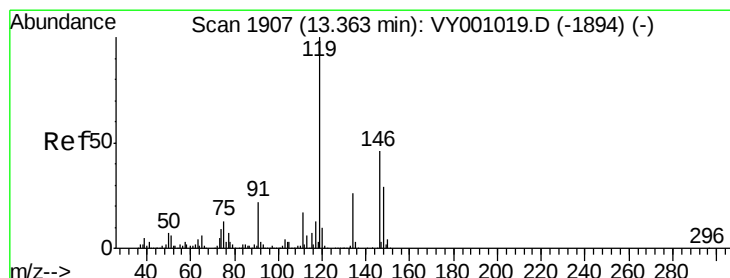
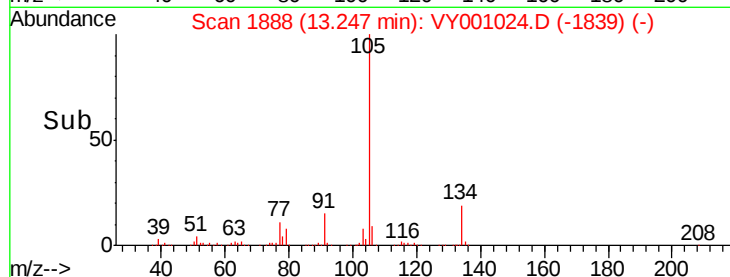
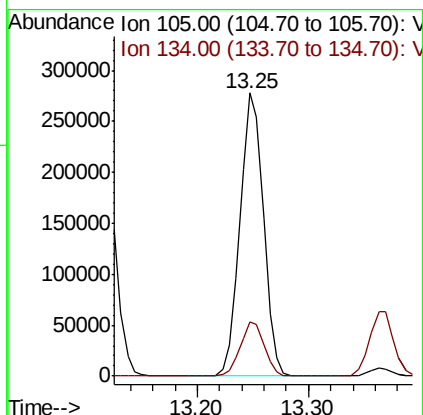
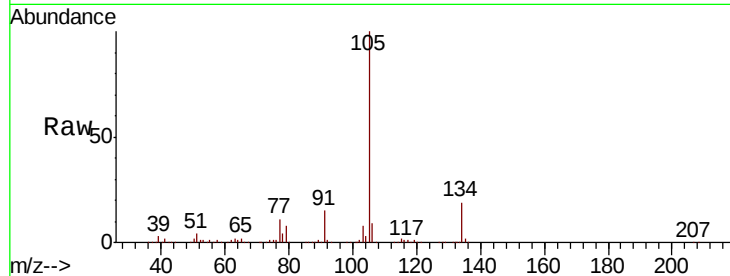




#85
 sec-Butylbenzene
 Concen: 20.967 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

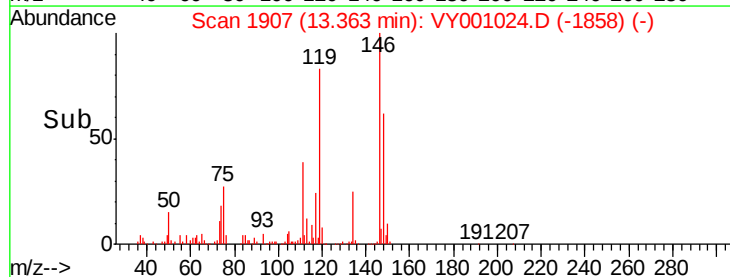
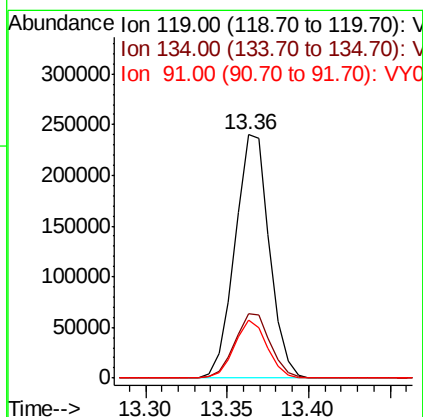
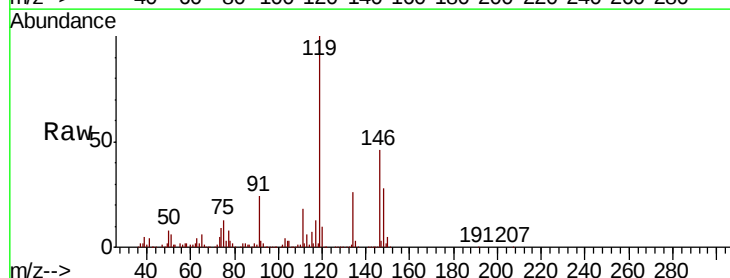
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

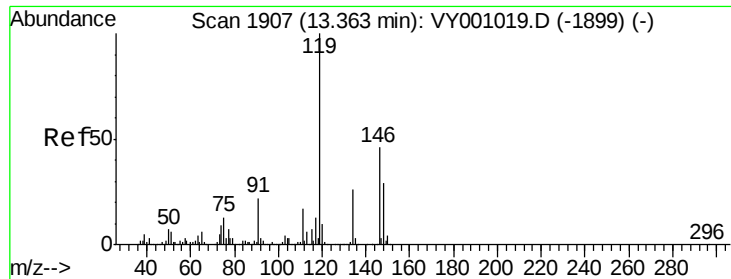
Tot Ion:105 Resp: 405246
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.090 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion:119 Resp: 352718
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.6 11.4 34.1

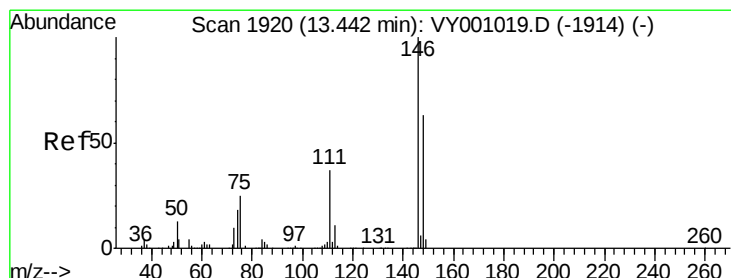
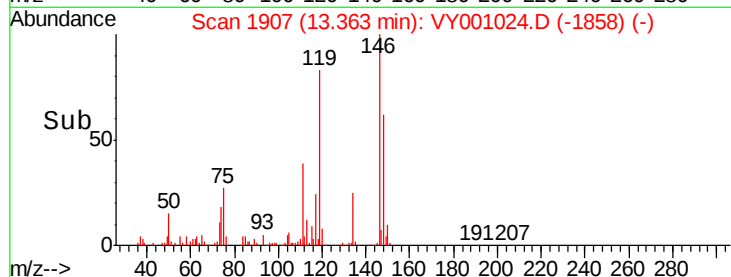
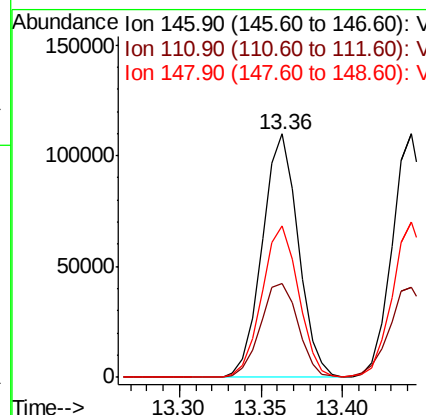
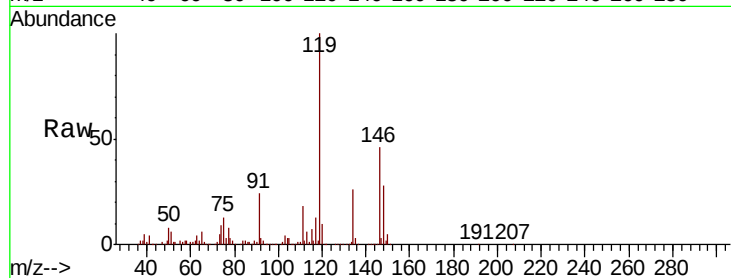




#87
 1,3-Dichlorobenzene
 Concen: 20.395 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

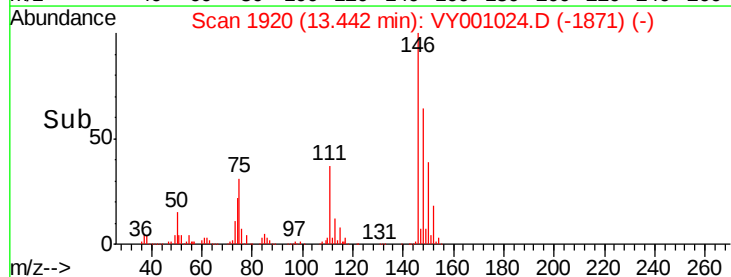
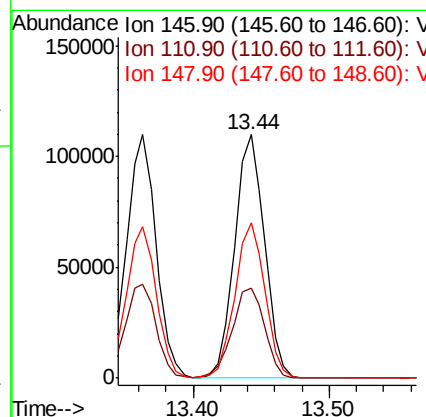
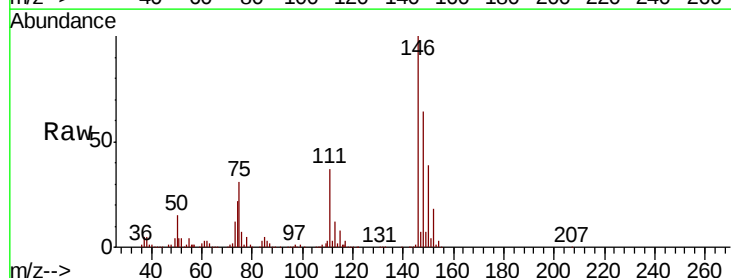
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

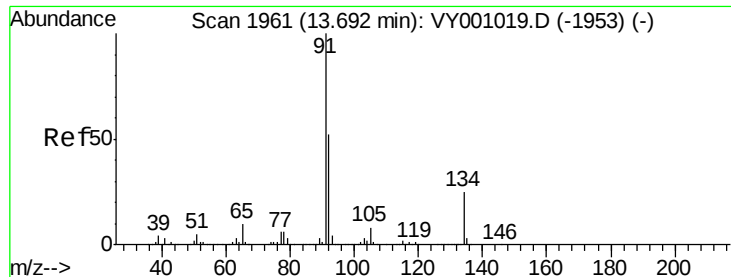
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.0
148	63.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.182 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.2
148	64.3	31.8	95.3





#89

n-Butylbenzene

Concen: 21.408 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

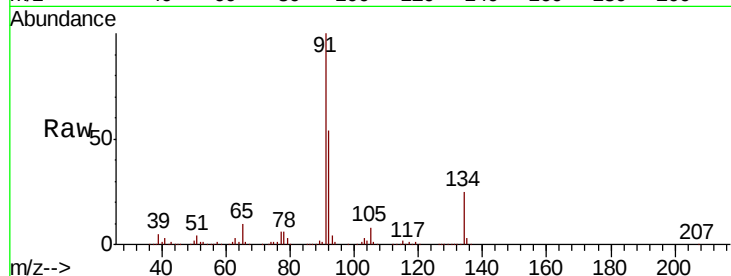
Tot Ion: 91 Resp: 360217

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

134 25.7 12.7 38.0

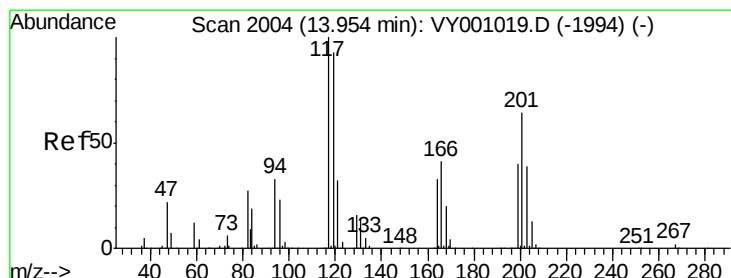
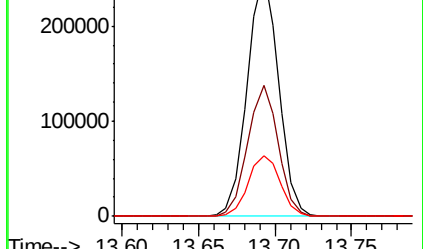
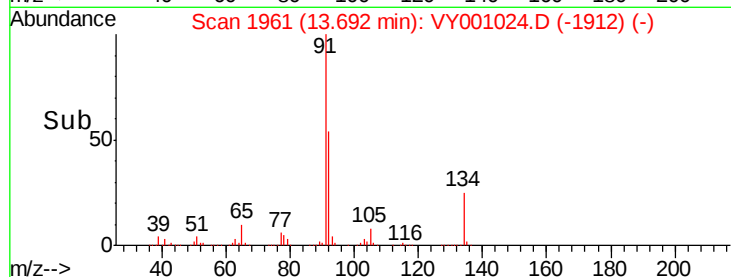


Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY001019.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY001019.D (-1953) (-)

Time-->



#90

Hexachloroethane

Concen: 20.531 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.01 min

Lab File: VY001024.D

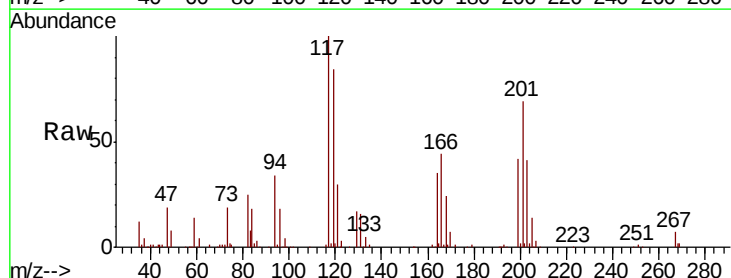
Acq: 23 Dec 2019 13:39

Tgt Ion: 117 Resp: 64691

Ion Ratio Lower Upper

117 100

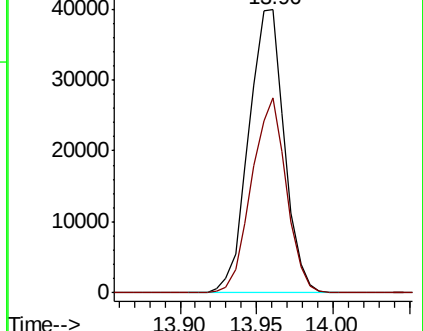
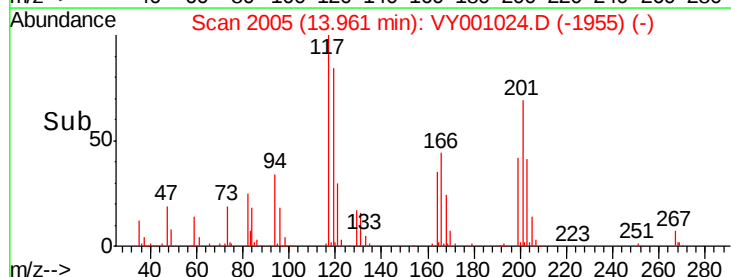
201 67.2 33.7 101.1

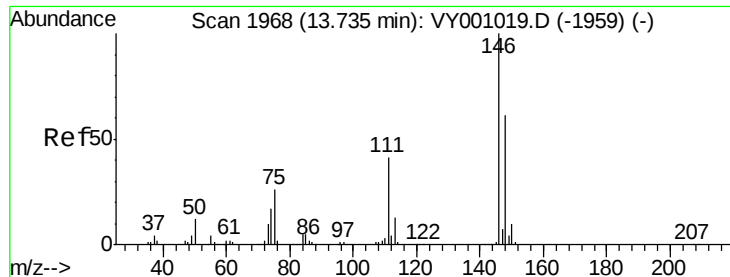


Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1994) (-)

Ion 200.70 (200.40 to 201.40): VY001019.D (-1994) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.051 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

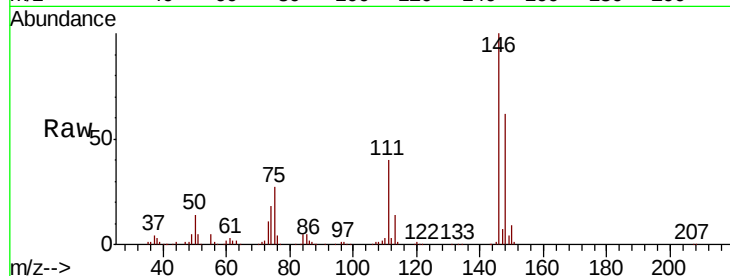
Tot Ion:146 Resp: 152231

Ion Ratio Lower Upper

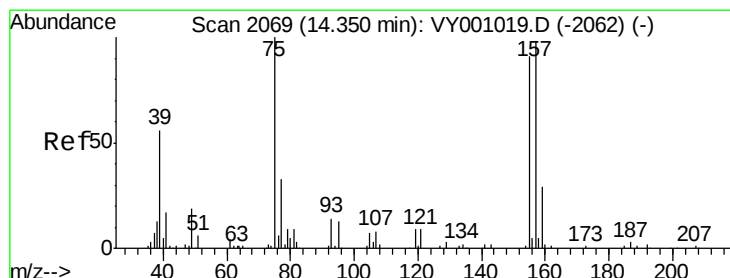
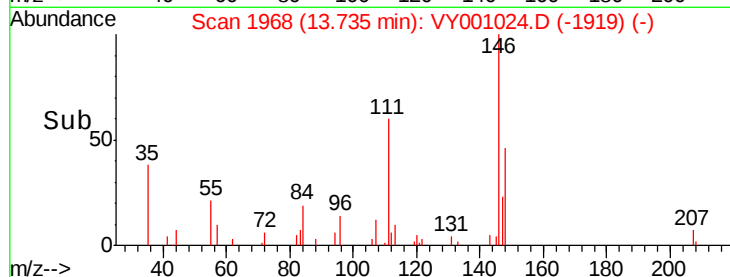
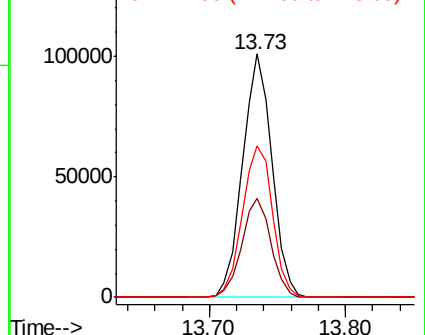
146 100

111 40.5 20.6 61.9

148 63.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.703 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

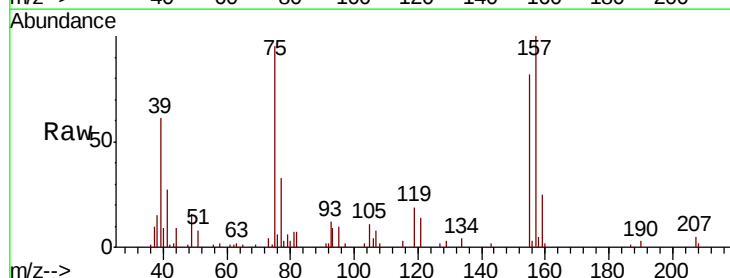
Tgt Ion: 75 Resp: 10490

Ion Ratio Lower Upper

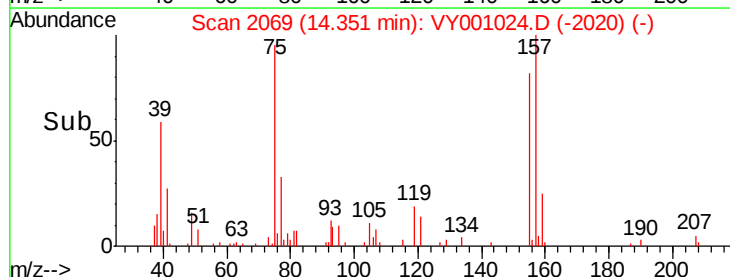
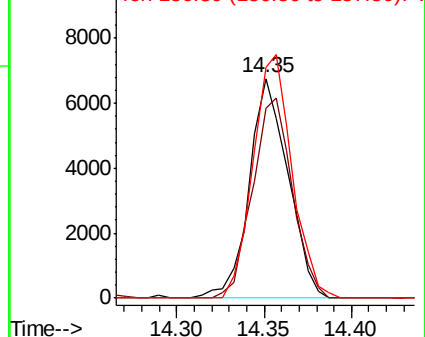
75 100

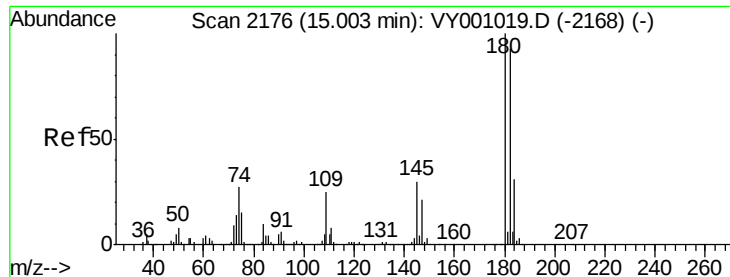
155 93.6 46.3 138.9

157 111.3 58.1 174.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

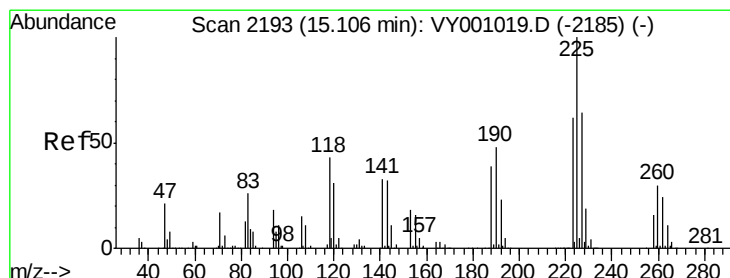
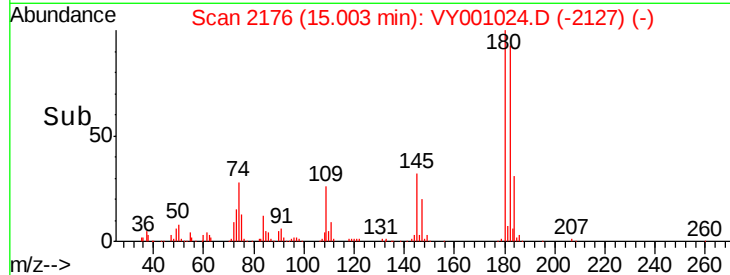
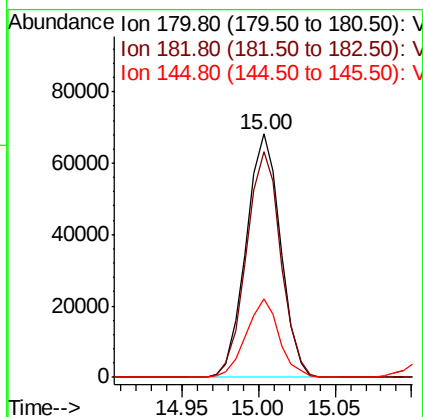
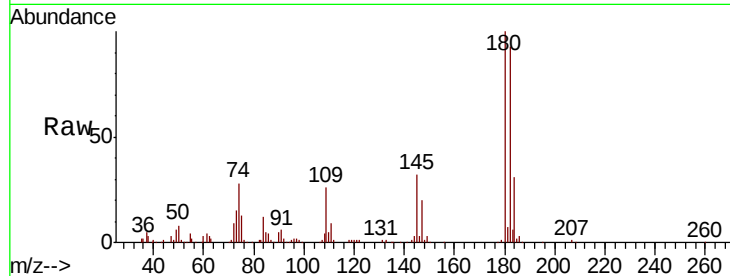




#93
 1,2,4-Trichlorobenzene
 Concen: 20.799 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

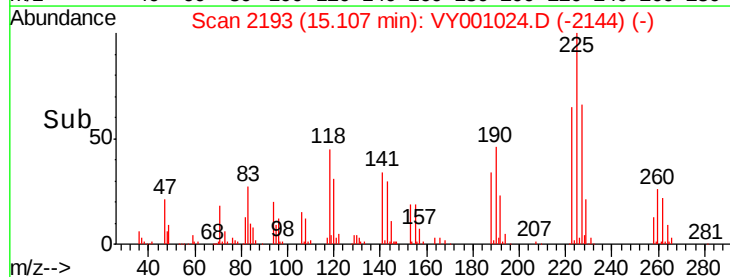
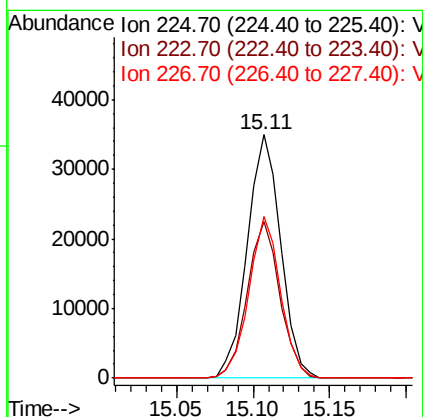
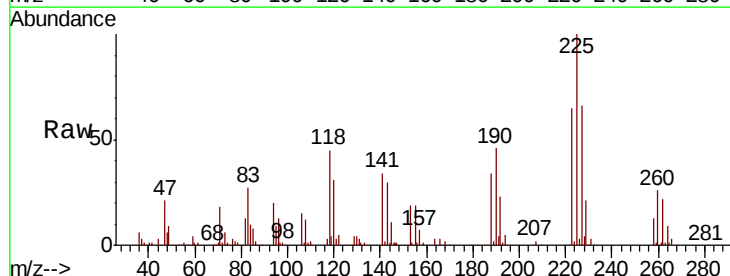
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

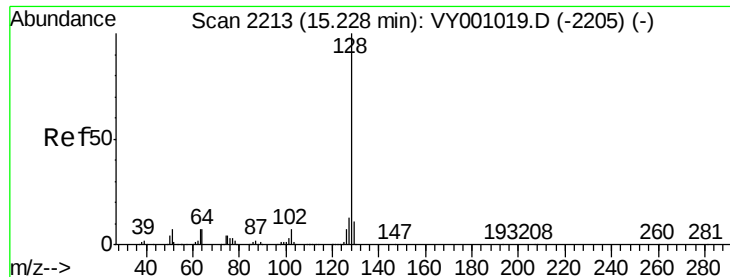
Tot Ion:180 Resp: 106586
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.8 140.3
 145 31.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 21.767 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001024.D
 Acq: 23 Dec 2019 13:39

Tgt Ion:225 Resp: 53081
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 94.8
 227 63.2 31.9 95.5





#95

Naphthalene

Concen: 18.700 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

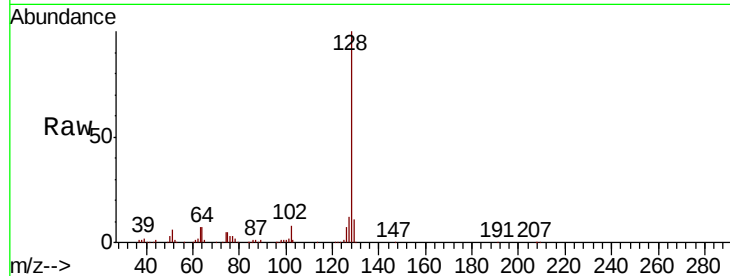
Tot Ion:128 Resp: 225366

Ion Ratio Lower Upper

128 100

127 11.8 9.9 14.9

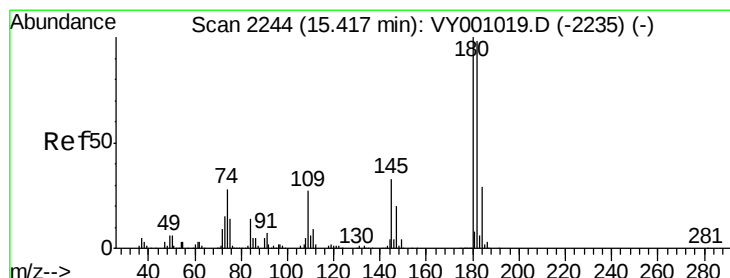
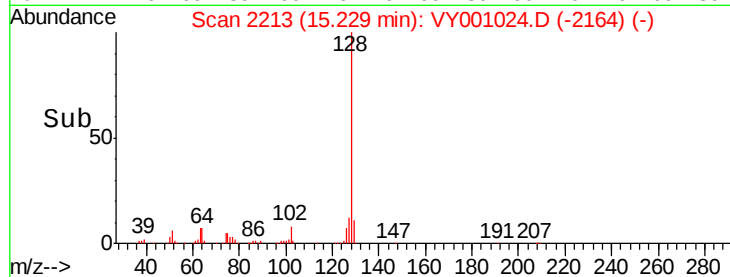
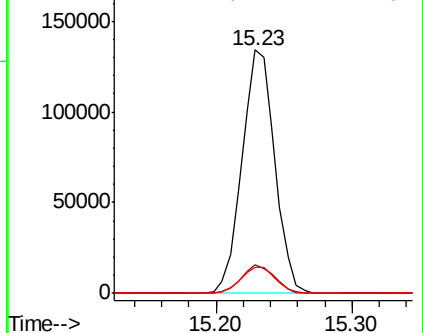
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.499 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001024.D

Acq: 23 Dec 2019 13:39

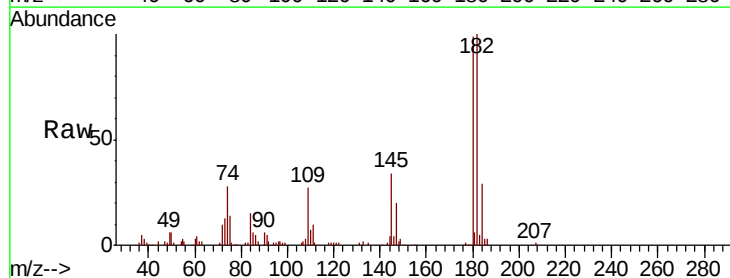
Tgt Ion:180 Resp: 89110

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.8

145 34.0 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

