

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001832.D
 Acq On : 03 Mar 2020 14:13
 Operator : SY/MD
 Sample : VY0303SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Quant Time: Mar 04 03:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	168539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	132535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	90885	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	7.74	113	84548	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	10.19	98	348389	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.49	95	124931	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29955	18.233	ug/l	97
3) Chloromethane	2.13	50	41521	18.790	ug/l	99
4) Vinyl Chloride	2.26	62	41255	18.510	ug/l	98
5) Bromomethane	2.66	94	27071	19.434	ug/l	93
6) Chloroethane	2.80	64	27077	19.715	ug/l	100
7) Trichlorofluoromethane	3.15	101	61121	21.427	ug/l	96
8) Diethyl Ether	3.55	74	24445	21.738	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	39151	21.836	ug/l	98
10) Methyl Iodide	4.11	142	42522	19.378	ug/l	99
11) Tert butyl alcohol	4.99	59	24501	101.630	ug/l	100
12) 1,1-Dichloroethene	3.90	96	37478	20.495	ug/l	98
13) Acrolein	3.75	56	14279	77.988	ug/l	99
14) Allyl chloride	4.50	41	70911	21.788	ug/l	98
15) Acrylonitrile	5.19	53	67023	116.277	ug/l	98
16) Acetone	3.97	43	57251	91.269	ug/l	96
17) Carbon Disulfide	4.21	76	112871	18.488	ug/l	99
18) Methyl Acetate	4.50	43	34393	25.177	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	108276	21.266	ug/l	100
20) Methylene Chloride	4.74	84	49629	22.274	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	44100	21.137	ug/l	94
22) Diisopropyl ether	6.15	45	149414	22.355	ug/l	99
23) Vinyl Acetate	6.09	43	459495	105.398	ug/l	98
24) 1,1-Dichloroethane	6.05	63	78008	21.838	ug/l	98
25) 2-Butanone	7.02	43	87761	102.990	ug/l	99
26) 2,2-Dichloropropane	7.01	77	64968	20.904	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	50064	21.739	ug/l	99
28) Bromochloromethane	7.36	49	32419	21.786	ug/l	95
29) Tetrahydrofuran	7.37	42	57394	111.435	ug/l	98
30) Chloroform	7.53	83	74628	21.381	ug/l	98
31) Cyclohexane	7.80	56	76635	20.121	ug/l #	86
32) 1,1,1-Trichloroethane	7.72	97	62191	21.200	ug/l	99
36) 1,1-Dichloropropene	7.94	75	60304	20.592	ug/l	100
37) Ethyl Acetate	7.10	43	38079	21.786	ug/l	98
38) Carbon Tetrachloride	7.92	117	52361	20.356	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77357	19.911	ug/l	99
40) Benzene	8.18	78	181902	21.120	ug/l	98
41) Methacrylonitrile	7.37	41	52223	59.505	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	49953	21.289	ug/l	99
43) Isopropyl Acetate	8.29	43	71526	21.568	ug/l	99
44) Trichloroethene	8.96	130	45043	20.950	ug/l	94
45) 1,2-Dichloropropane	9.23	63	47194	21.879	ug/l	98
46) Dibromomethane	9.32	93	24009	21.281	ug/l	98
47) Bromodichloromethane	9.51	83	57138	20.984	ug/l	94
48) Methyl methacrylate	9.30	41	31069	20.715	ug/l	98
49) 1,4-Dioxane	9.31	88	6632	416.201	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	184962	108.551	ug/l	98
52) Toluene	10.25	92	112667	20.971	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	63022	20.936	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	74351	21.461	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	35815	21.529	ug/l	98
56) Ethyl methacrylate	10.52	69	53293	21.354	ug/l	99
57) 1,3-Dichloropropane	10.80	76	63929	21.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	134564	134.544	ug/l	99
59) 2-Hexanone	10.84	43	133374	104.323	ug/l	98
60) Dibromochloromethane	10.99	129	37808	20.614	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33647	21.391	ug/l	98
64) Tetrachloroethene	10.73	164	36796	21.346	ug/l	97
65) Chlorobenzene	11.52	112	117180	21.374	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	38868	21.017	ug/l	99
67) Ethyl Benzene	11.60	91	216649	21.295	ug/l	99
68) m/p-Xylenes	11.71	106	161746	42.560	ug/l	99
69) o-Xylene	12.03	106	76610	21.204	ug/l	97
70) Styrene	12.05	104	131416	20.929	ug/l	99
71) Bromoform	12.22	173	21659	20.493	ug/l #	96
73) Isopropylbenzene	12.34	105	205483	20.351	ug/l	100
74) N-amyl acetate	12.15	43	66647	20.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45345	21.033	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	58746	38.640	ug/l #	100
77) Bromobenzene	12.61	156	43502	19.875	ug/l	98
78) n-propylbenzene	12.68	91	259093	21.070	ug/l	99
79) 2-Chlorotoluene	12.77	91	143567	20.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	175191	20.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	15800	19.716	ug/l	95
82) 4-Chlorotoluene	12.86	91	150928	20.749	ug/l	99
83) tert-Butylbenzene	13.08	119	146688	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	174663	20.962	ug/l	99
85) sec-Butylbenzene	13.26	105	215516	20.963	ug/l	100
86) p-Isopropyltoluene	13.38	119	187148	20.954	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	88464	20.840	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	89488	20.855	ug/l	99
89) n-Butylbenzene	13.70	91	192645	21.109	ug/l	99
90) Hexachloroethane	13.97	117	34286	20.375	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	80860	20.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7090	19.927	ug/l	97

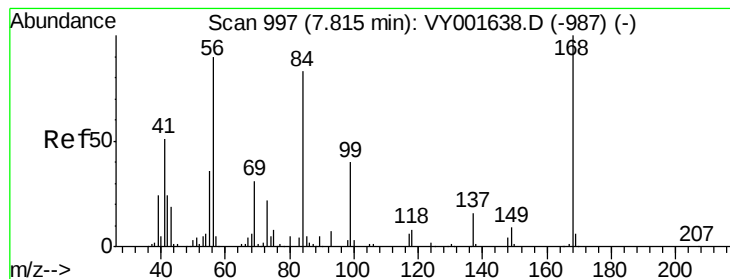
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54214	20.883	ug/l	99
94) Hexachlorobutadiene	15.12	225	26087	20.206	ug/l	98
95) Naphthalene	15.25	128	126272	21.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47811	20.934	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

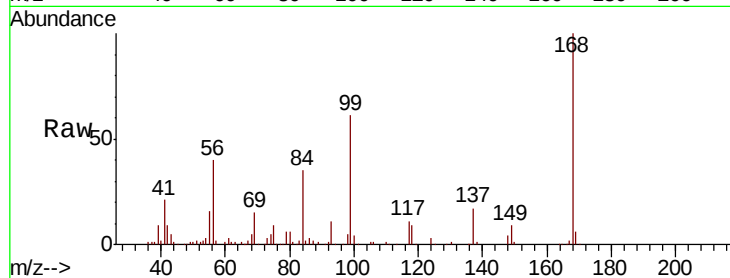
VY0303SBS01

Tot Ion:168 Resp: 168539

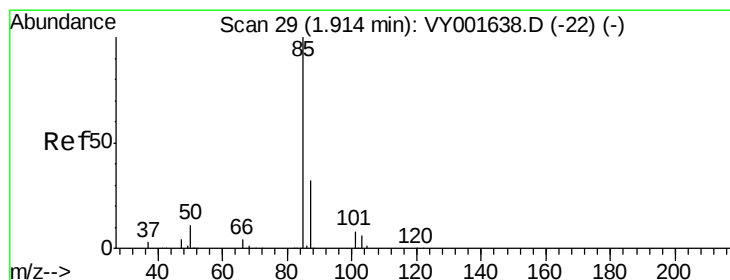
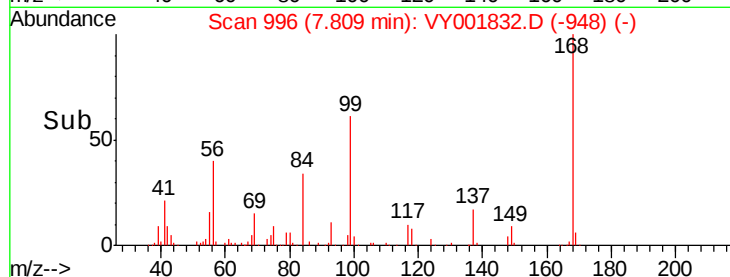
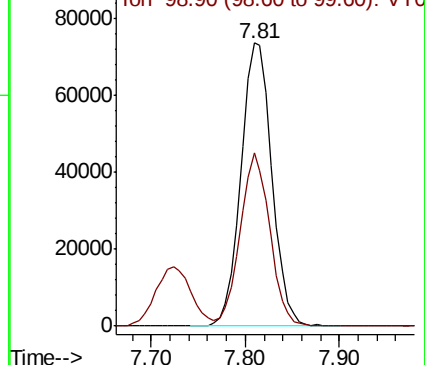
Ion Ratio Lower Upper

168 100

99 61.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001832.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 18.233 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001832.D

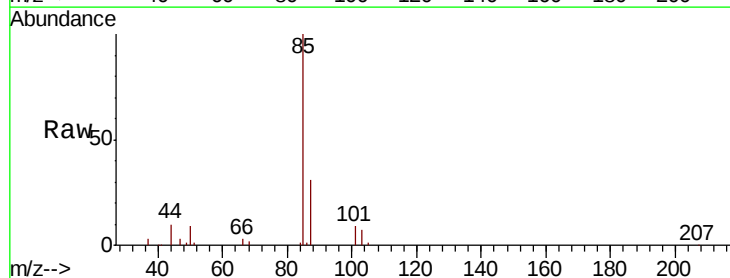
Acq: 03 Mar 2020 14:13

Tgt Ion: 85 Resp: 29955

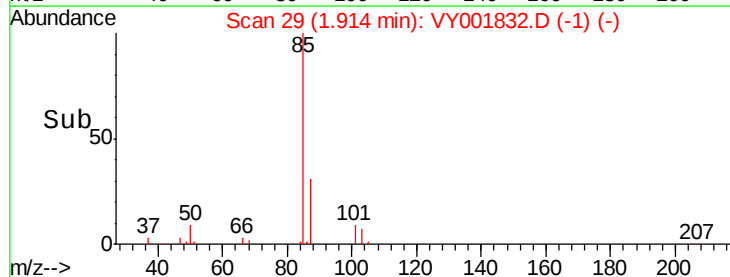
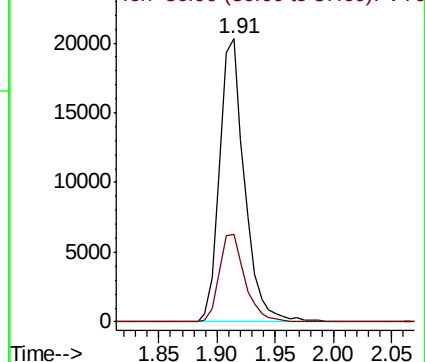
Ion Ratio Lower Upper

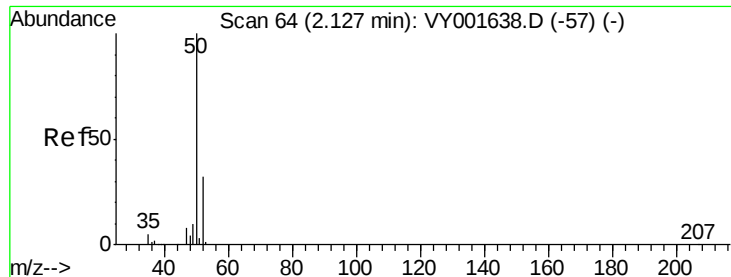
85 100

87 30.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001832.D (-1) (-)

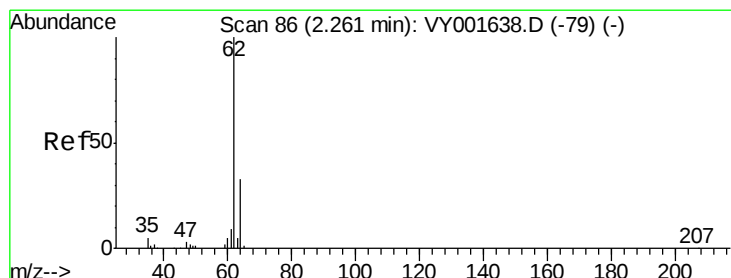
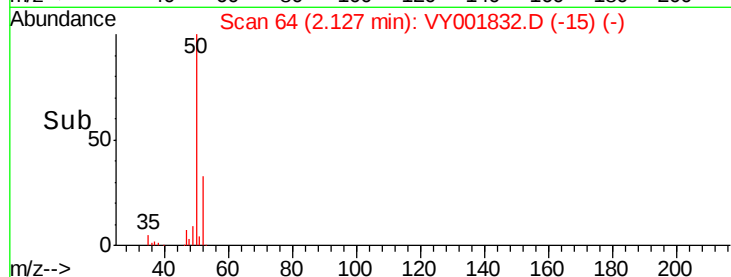
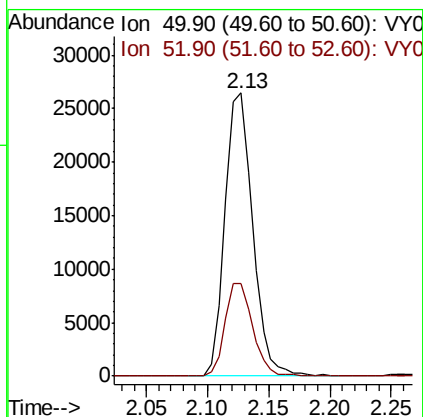
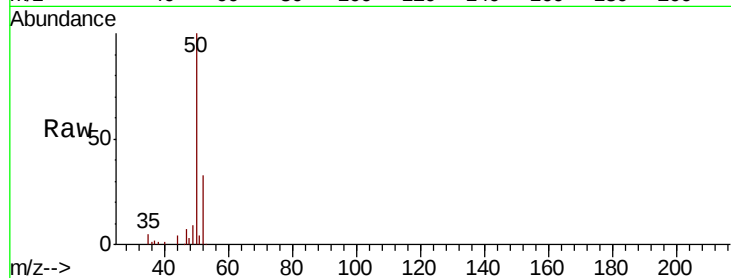




#3
Chloromethane
Concen: 18.790 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

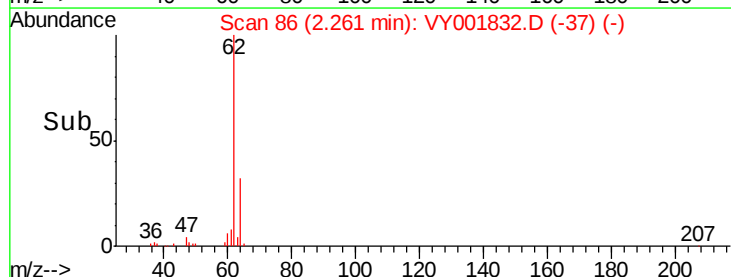
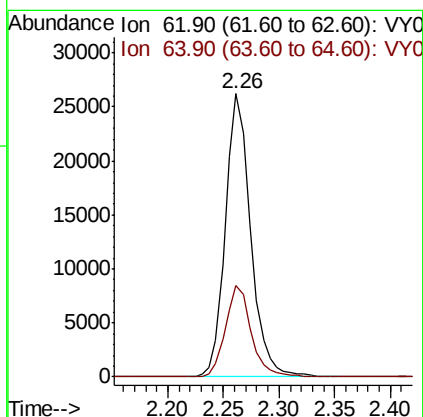
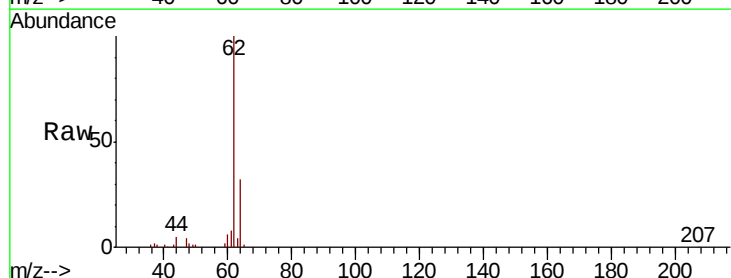
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

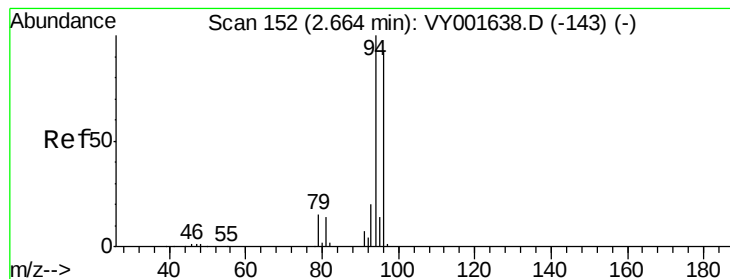
Tot Ion: 50 Resp: 41521
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6



#4
Vinyl Chloride
Concen: 18.510 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 62 Resp: 41255
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3





#5

Bromomethane

Concen: 19.434 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

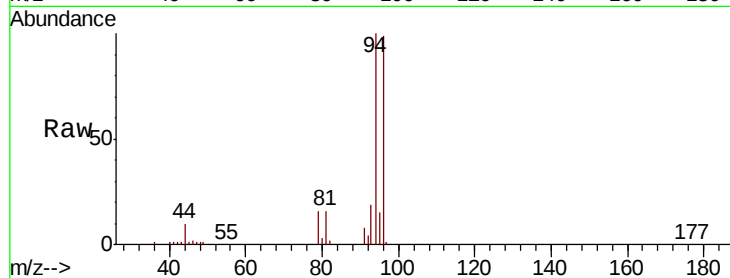
VY0303SBS01

Tot Ion: 94 Resp: 27071

Ion Ratio Lower Upper

94 100

96 98.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

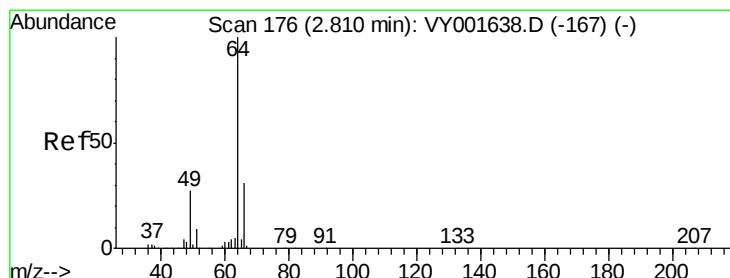
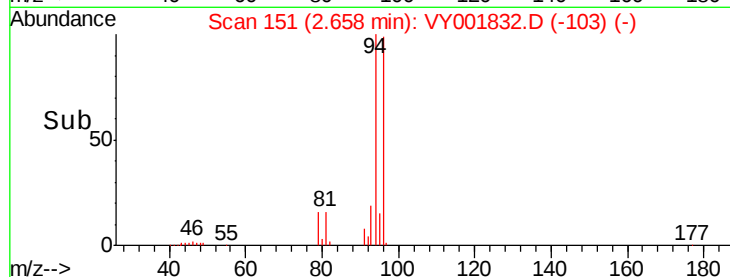
15000

10000

5000

0

Time--> 2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 19.715 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001832.D

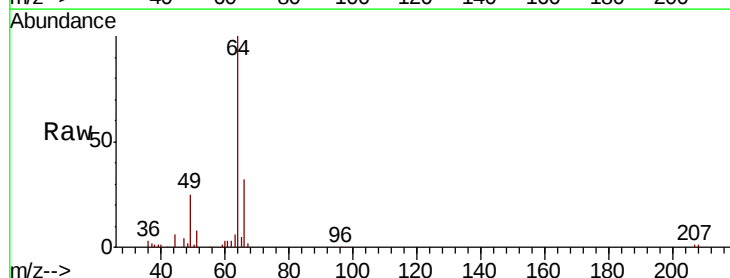
Acq: 03 Mar 2020 14:13

Tgt Ion: 64 Resp: 27077

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

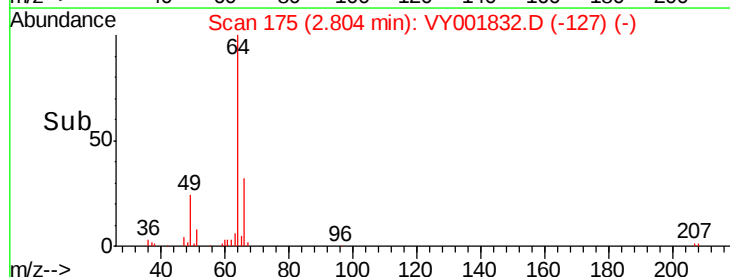
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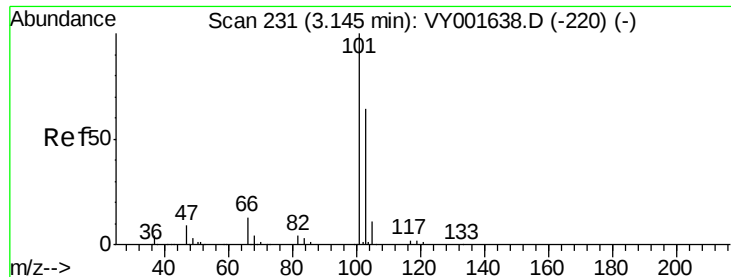
10000

5000

0

Time--> 2.70 2.75 2.80 2.85 2.90



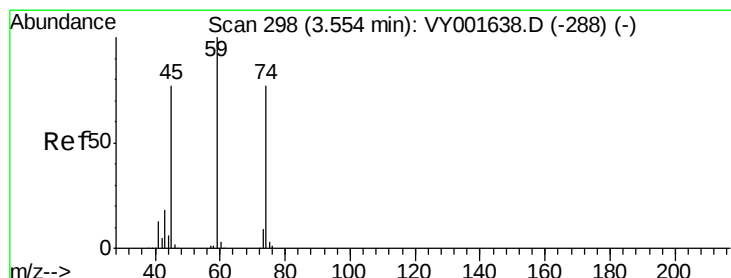
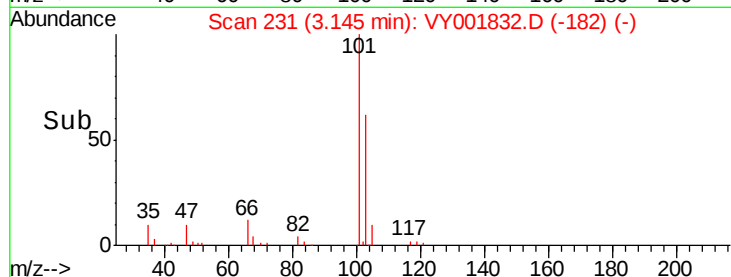
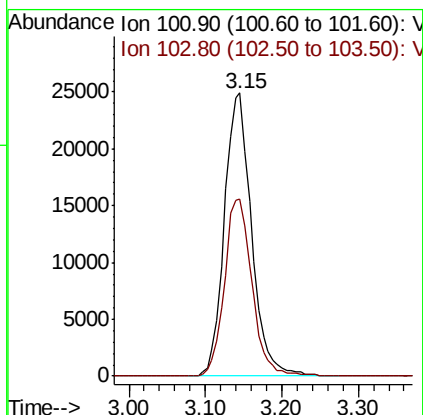
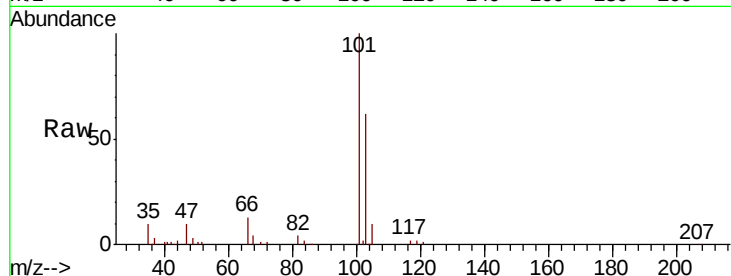


#7

Trichlorofluoromethane
 Concen: 21.427 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

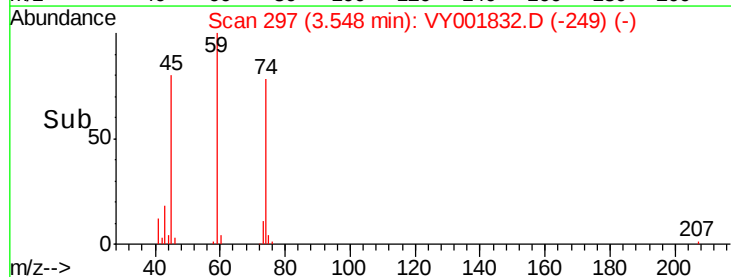
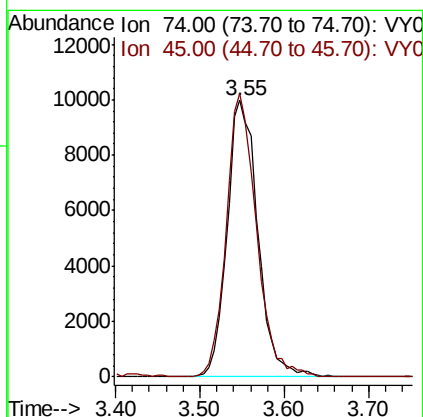
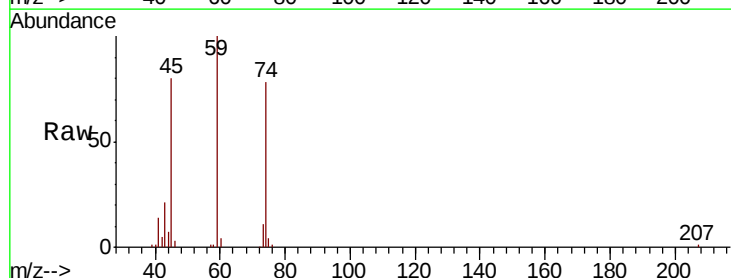
Tot Ion:101 Resp: 61121
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.2

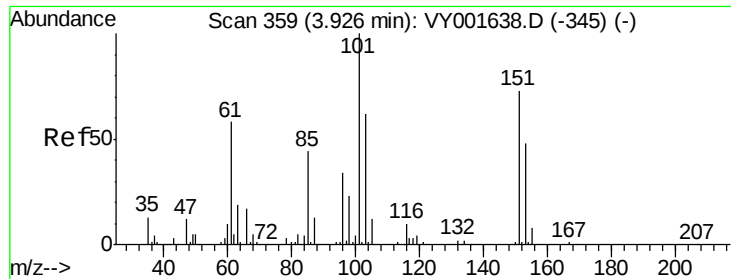


#8

Diethyl Ether
 Concen: 21.738 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 74 Resp: 24445
 Ion Ratio Lower Upper
 74 100
 45 101.2 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.836 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

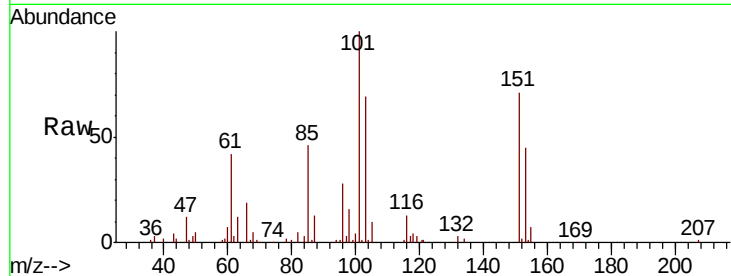
Tot Ion:101 Resp: 39151

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

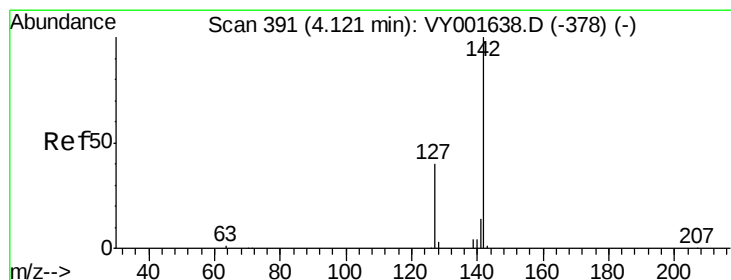
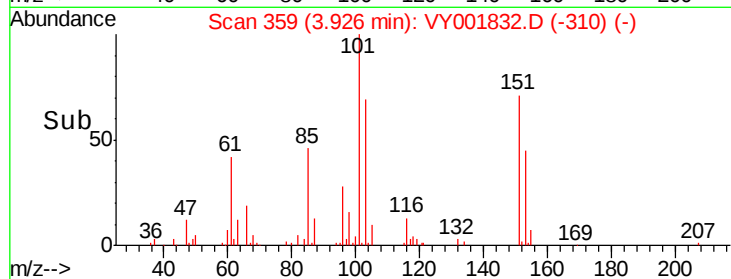
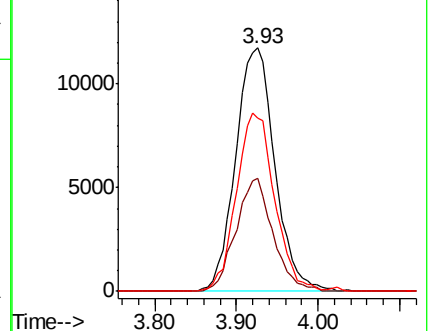
151 71.1 58.4 87.6



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: 19.378 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

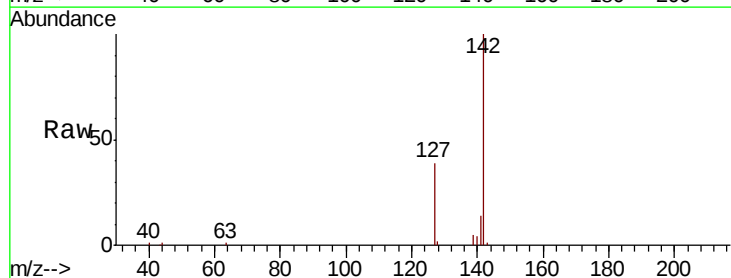
Tgt Ion:142 Resp: 42522

Ion Ratio Lower Upper

142 100

127 40.4 32.1 48.1

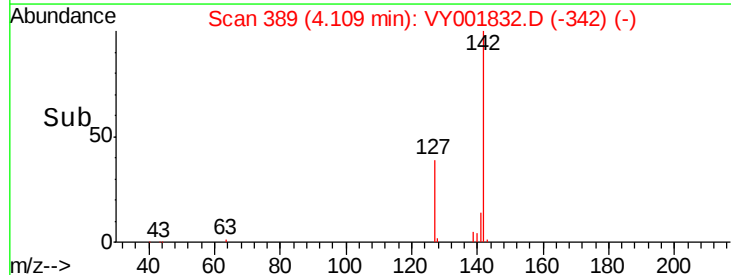
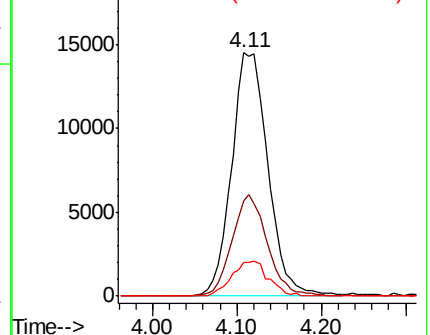
141 14.4 11.3 16.9

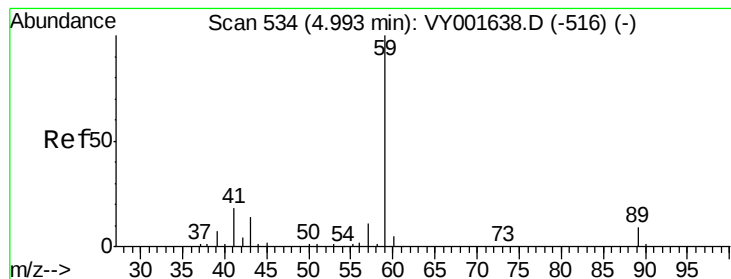


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



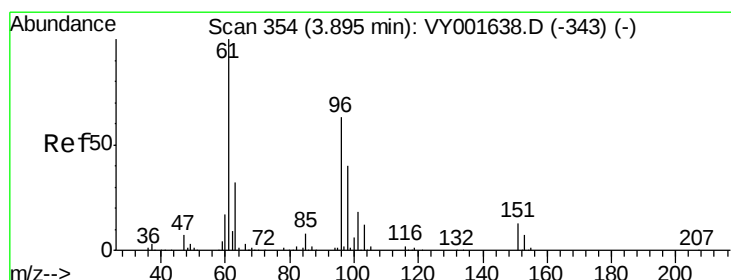
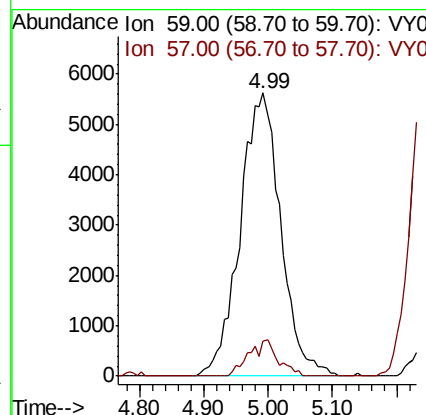
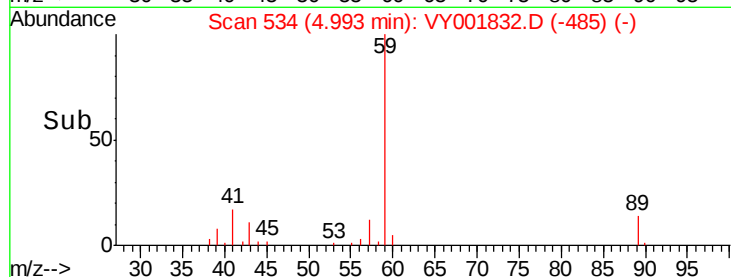
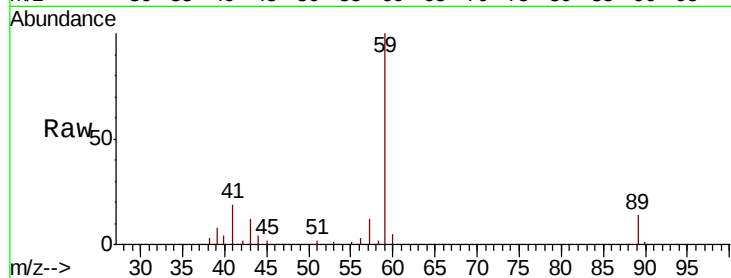


#11

Tert butyl alcohol
 Concen: 101.630 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

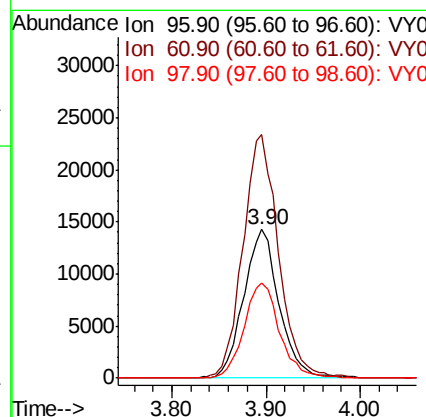
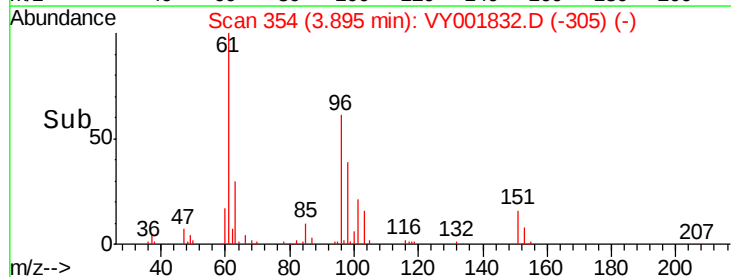
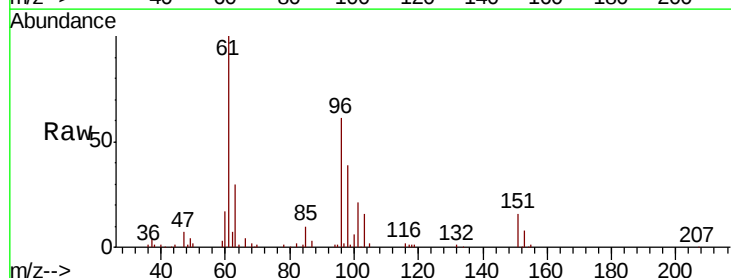
Tot Ion: 59 Resp: 24501
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.4 11.2

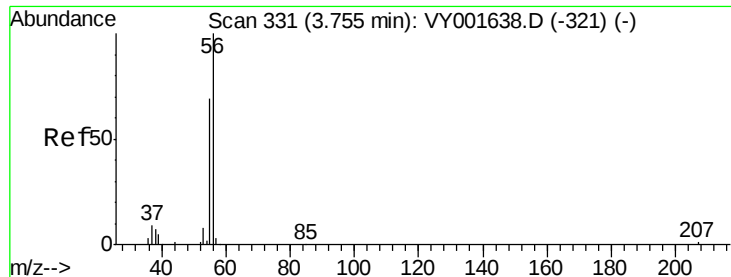


#12

1,1-Dichloroethene
 Concen: 20.495 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 96 Resp: 37478
 Ion Ratio Lower Upper
 96 100
 61 163.7 128.7 193.1
 98 63.8 50.7 76.1





#13

Acrolein

Concen: 77.988 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

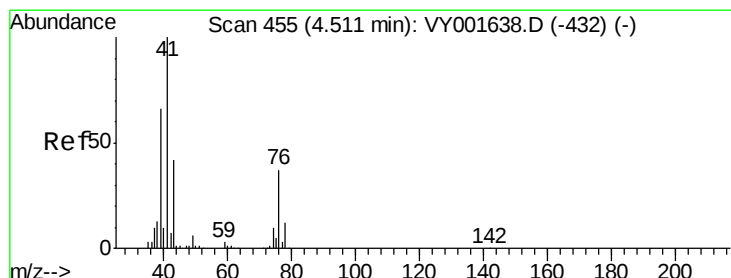
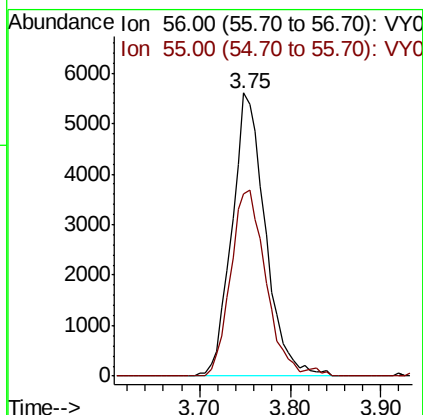
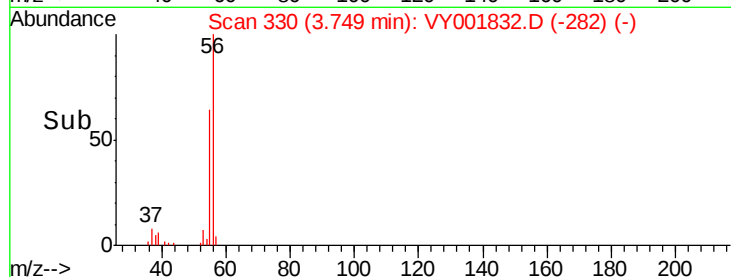
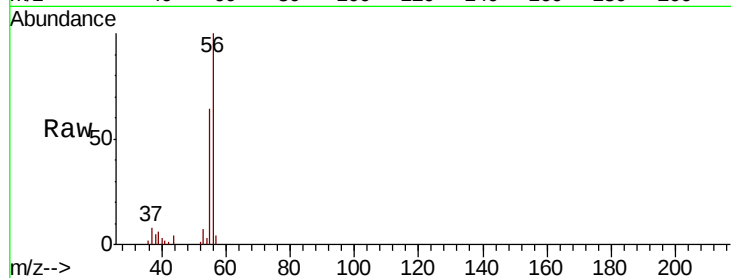
VY0303SBS01

Tot Ion: 56 Resp: 14279

Ion Ratio Lower Upper

56 100

55 68.9 56.1 84.1



#14

Allyl chloride

Concen: 21.788 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

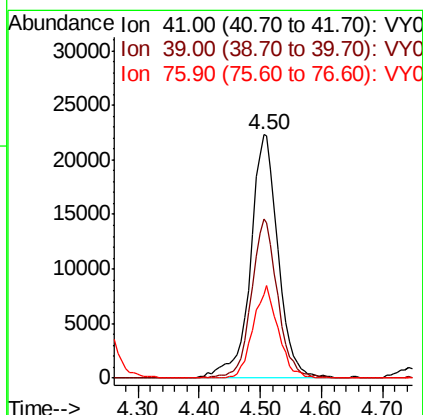
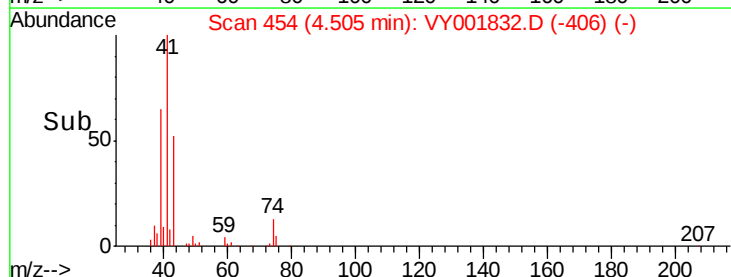
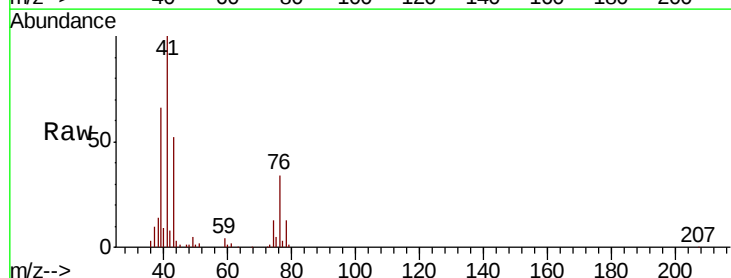
Tgt Ion: 41 Resp: 70911

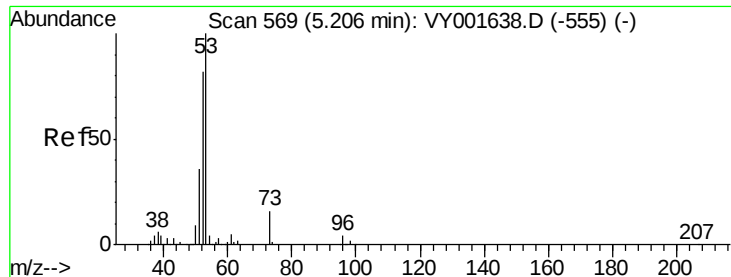
Ion Ratio Lower Upper

41 100

39 62.1 49.4 74.0

76 34.3 29.0 43.6





#15

Acrylonitrile

Concen: 116.277 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

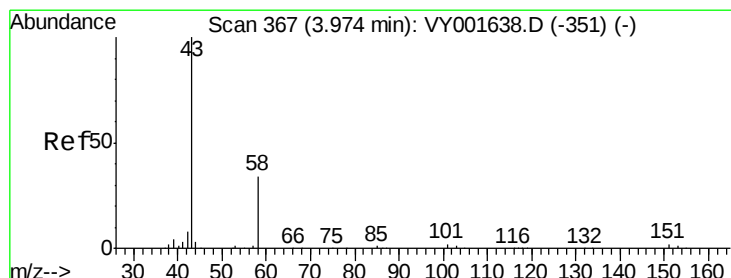
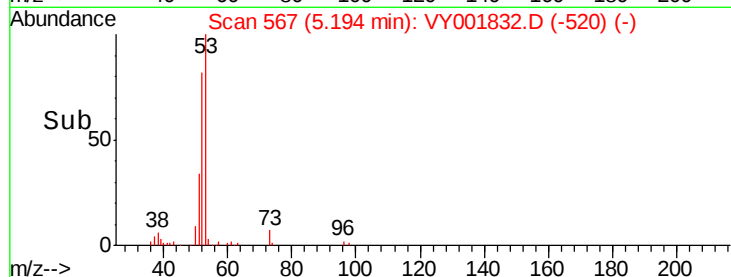
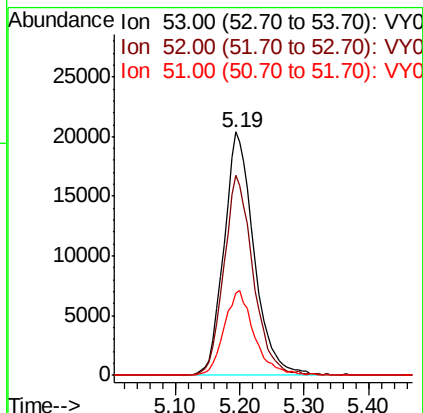
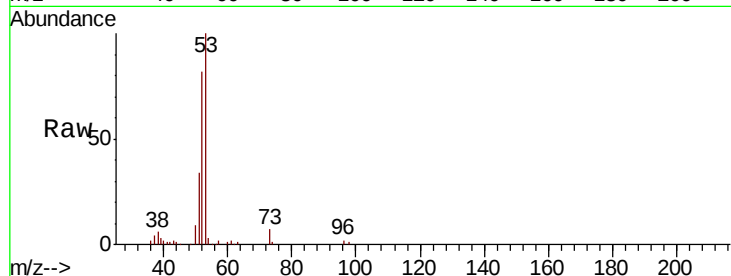
Tot Ion: 53 Resp: 67023

Ion Ratio Lower Upper

53 100

52 78.9 65.4 98.0

51 34.6 28.0 42.0



#16

Acetone

Concen: 91.269 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001832.D

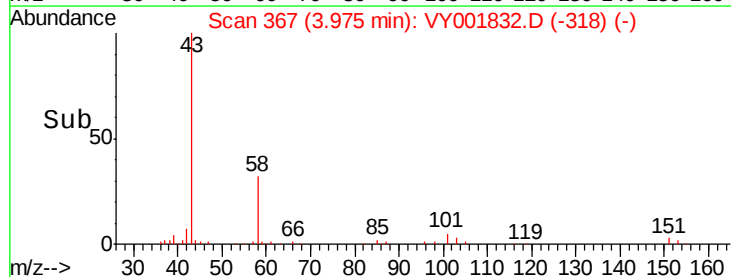
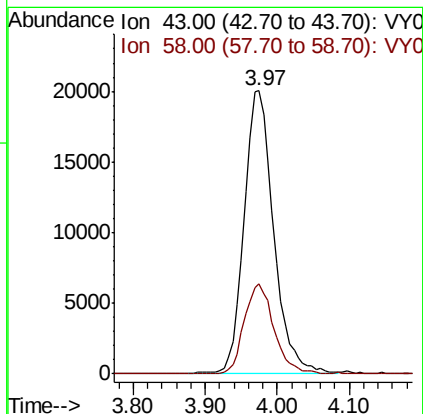
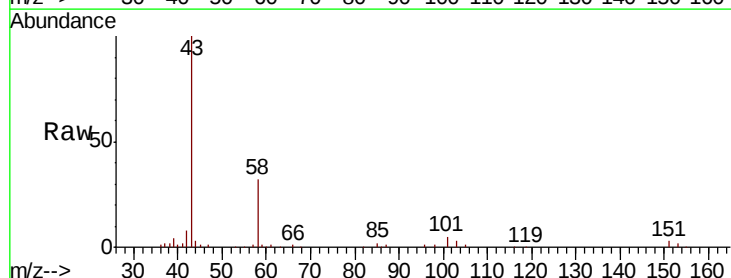
Acq: 03 Mar 2020 14:13

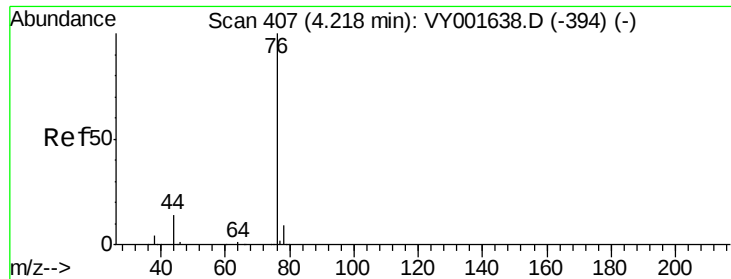
Tgt Ion: 43 Resp: 57251

Ion Ratio Lower Upper

43 100

58 31.8 27.3 40.9

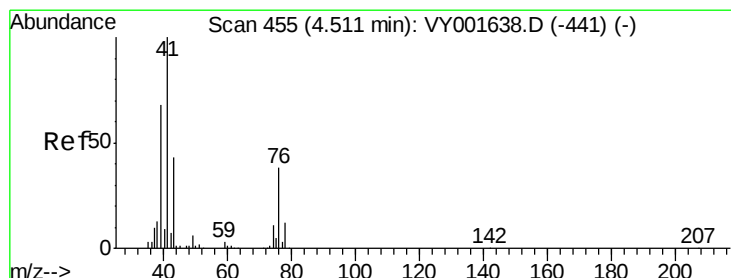
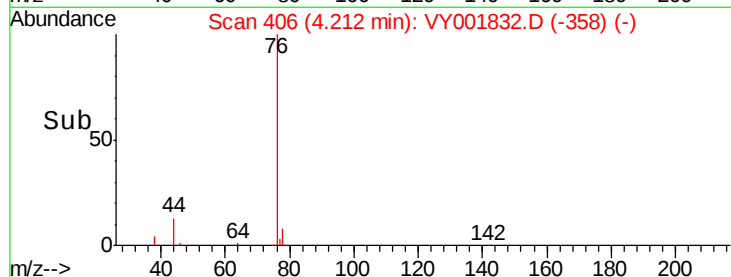
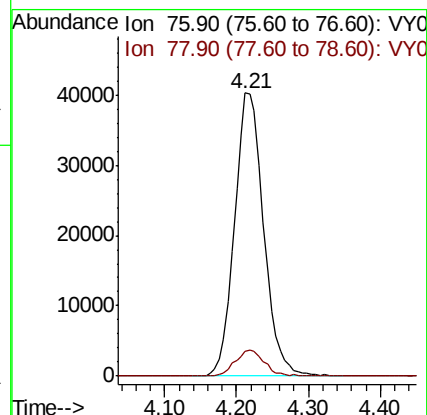
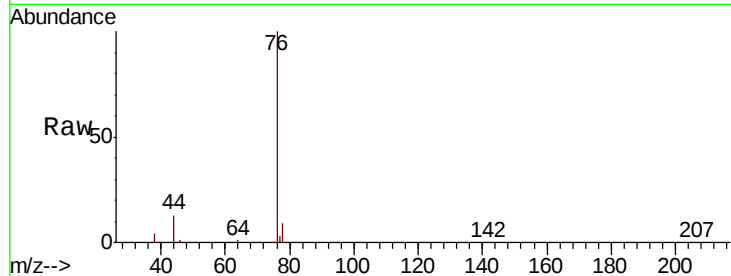




#17
Carbon Disulfide
Concen: 18.488 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

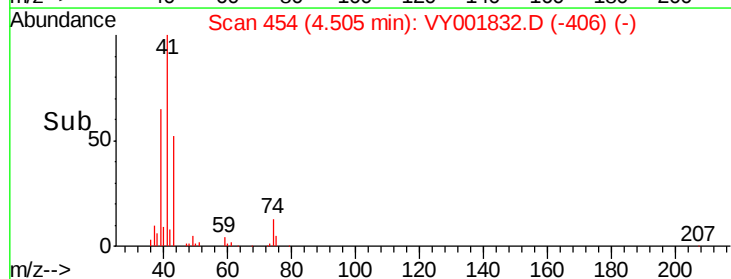
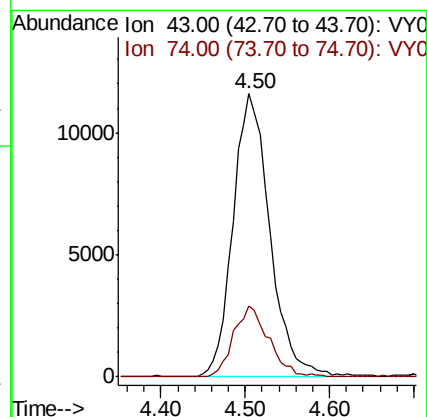
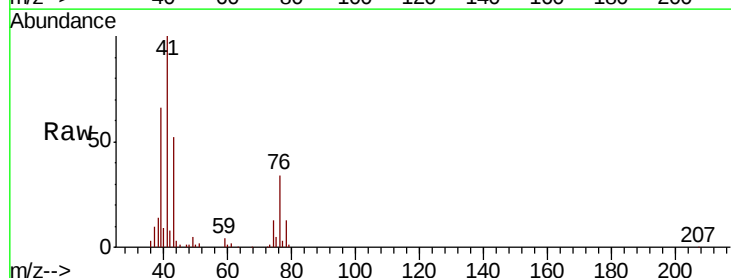
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

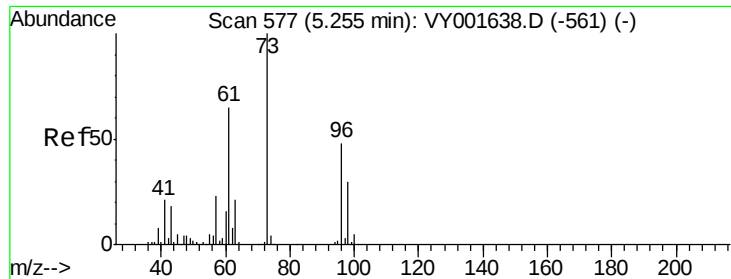
Tot Ion: 76 Resp: 112871
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 25.177 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 43 Resp: 34393
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7

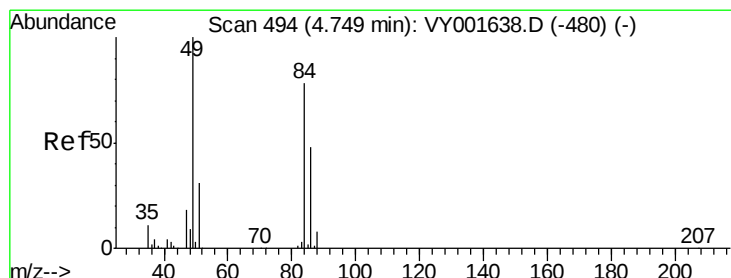
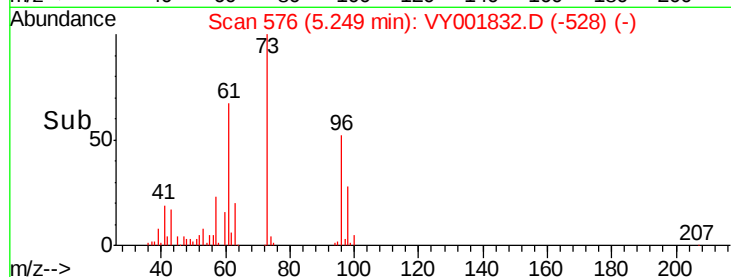
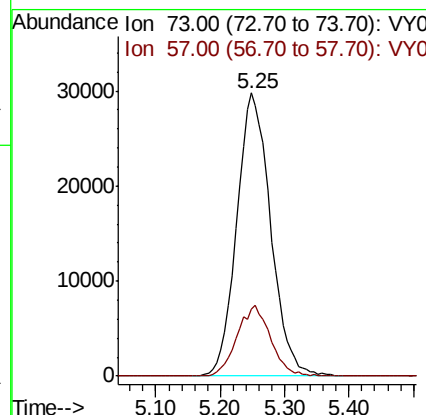
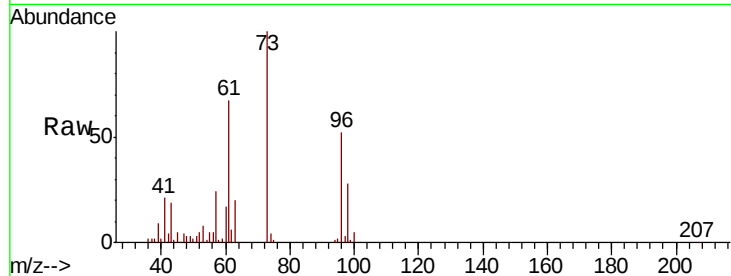




#19
Methyl tert-butyl Ether
Concen: 21.266 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

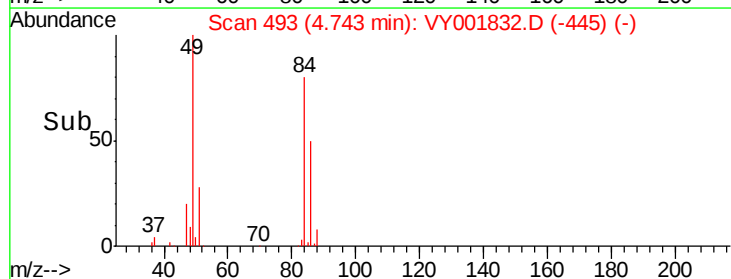
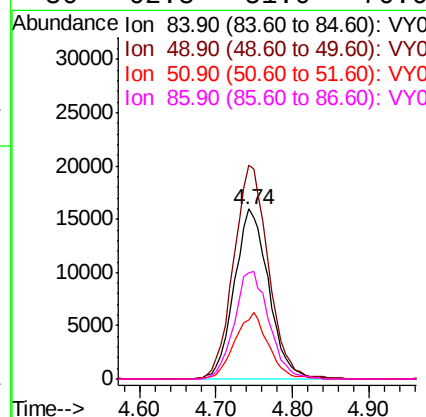
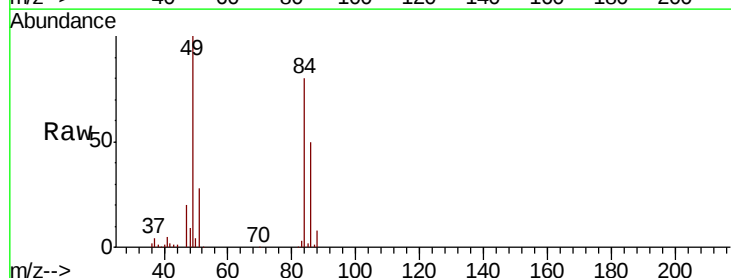
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

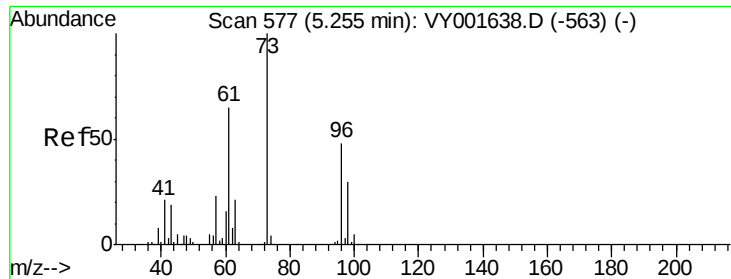
Tot Ion: 73 Resp: 108276
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



#20
Methylene Chloride
Concen: 22.274 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 84 Resp: 49629
Ion Ratio Lower Upper
84 100
49 125.6 99.2 148.8
51 35.0 31.5 47.3
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.137 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

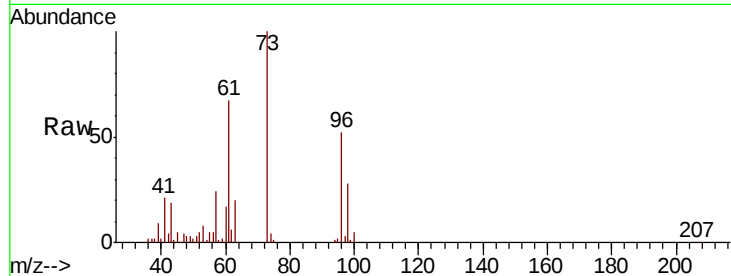
Tot Ion: 96 Resp: 44100

Ion Ratio Lower Upper

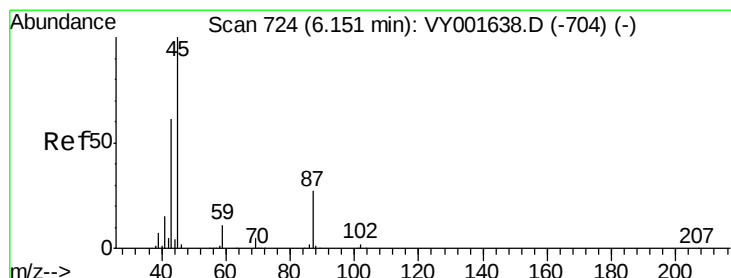
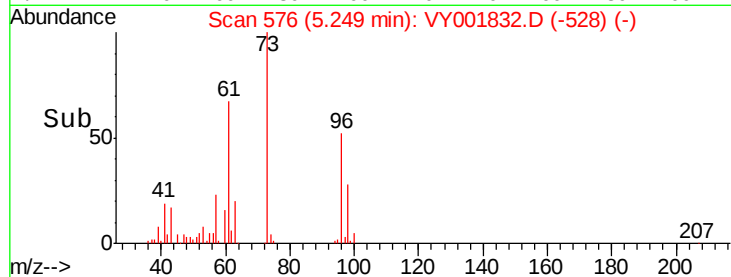
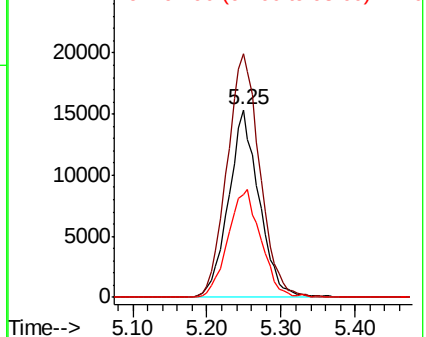
96 100

61 129.8 107.9 161.9

98 54.5 49.8 74.8



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



#22

Diisopropyl ether

Concen: 22.355 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion: 45 Resp: 149414

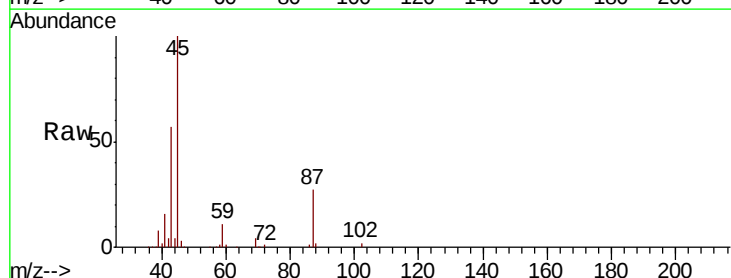
Ion Ratio Lower Upper

45 100

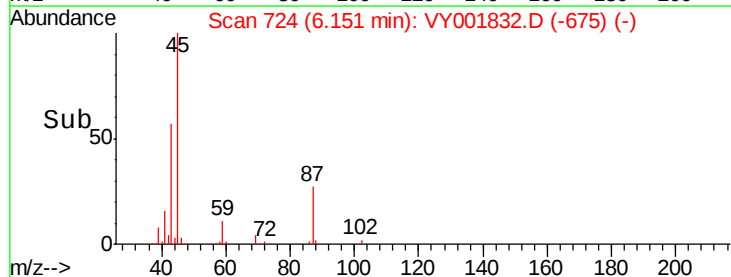
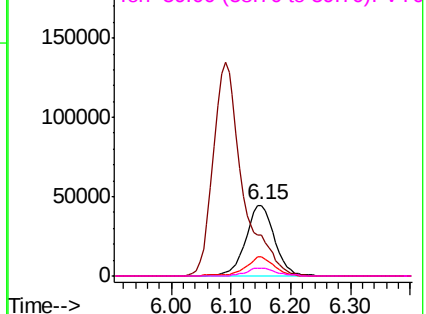
43 56.8 46.4 69.6

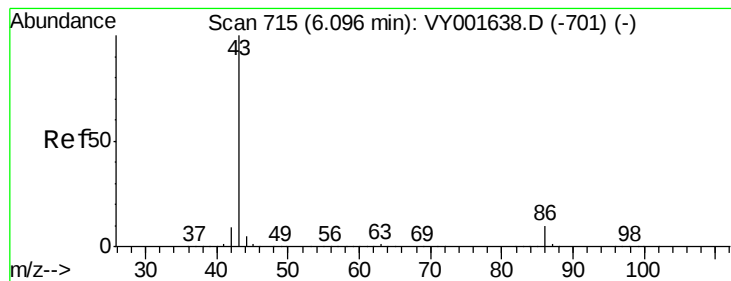
87 27.2 22.1 33.1

59 10.9 9.4 14.0



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: 105.398 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

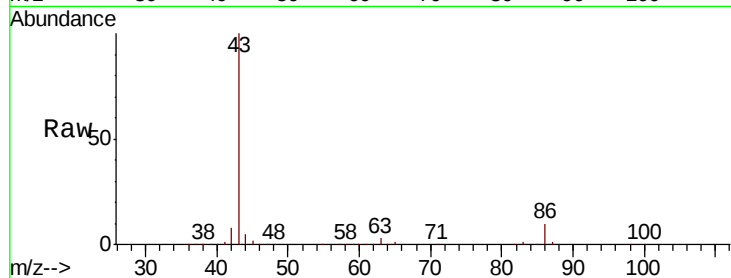
VY0303SBS01

Tot Ion: 43 Resp: 459495

Ion Ratio Lower Upper

43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

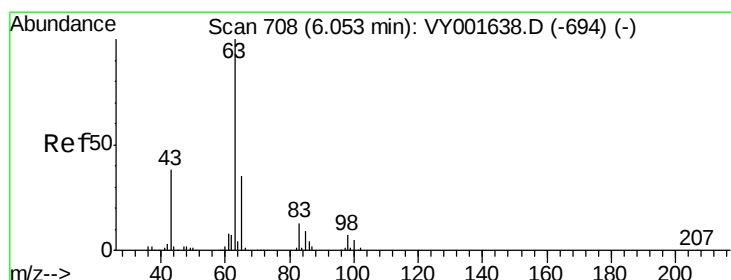
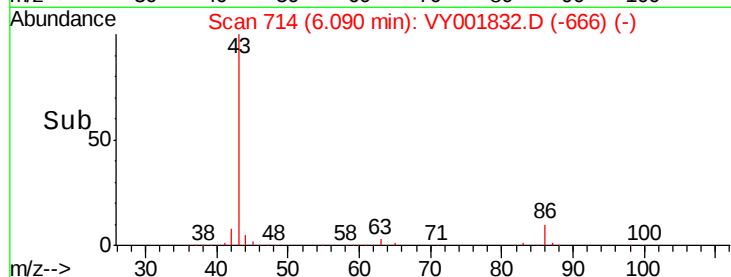
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.838 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

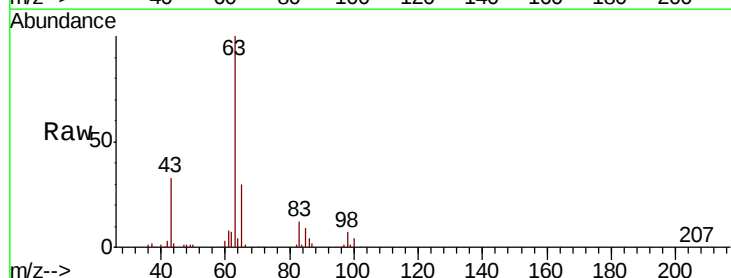
Tgt Ion: 63 Resp: 78008

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

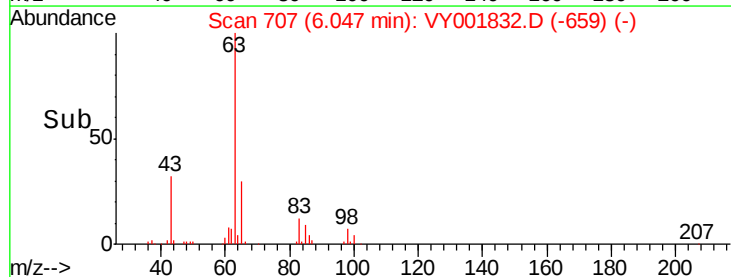
30000

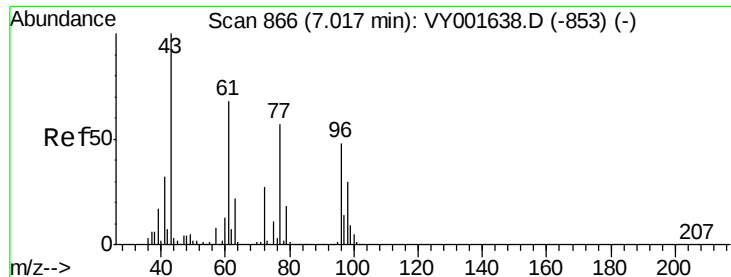
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 102.990 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

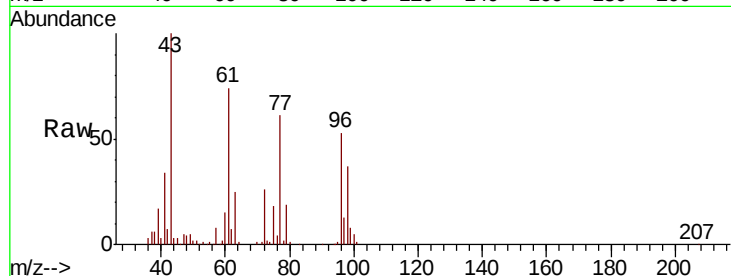
VY0303SBS01

Tot Ion: 43 Resp: 87761

Ion Ratio Lower Upper

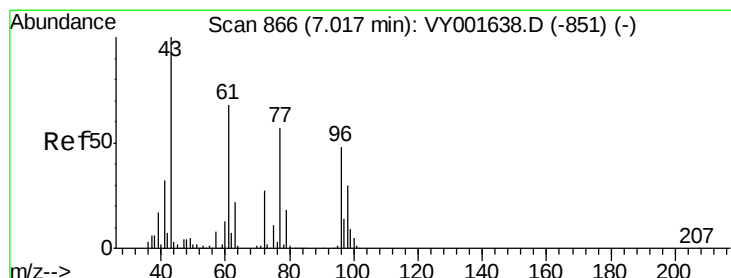
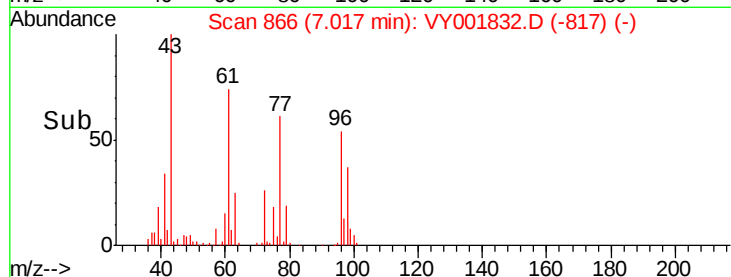
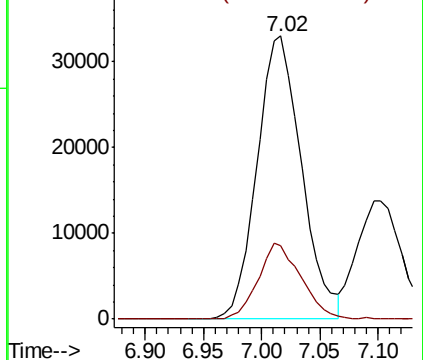
43 100

72 25.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.904 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001832.D

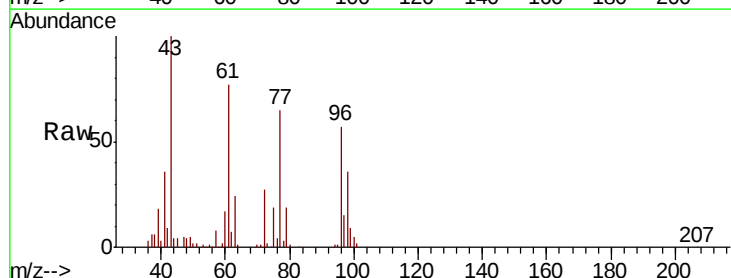
Acq: 03 Mar 2020 14:13

Tgt Ion: 77 Resp: 64968

Ion Ratio Lower Upper

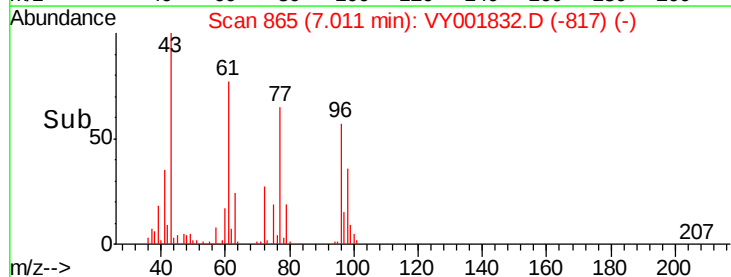
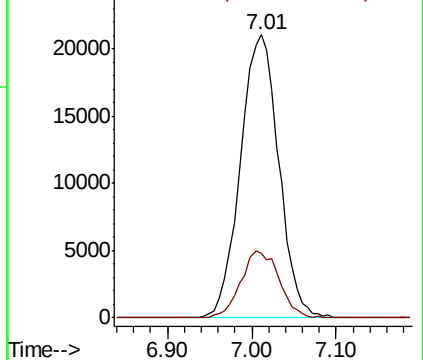
77 100

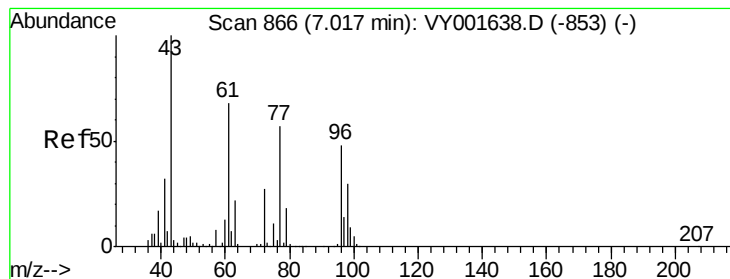
97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



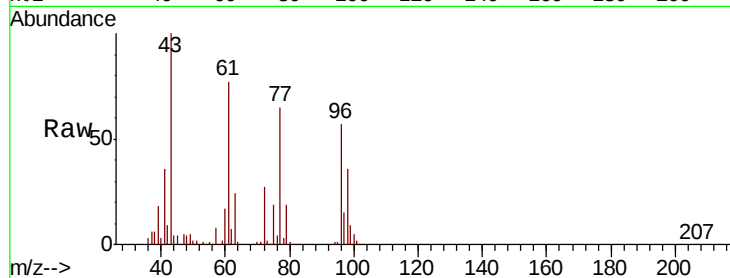


#27

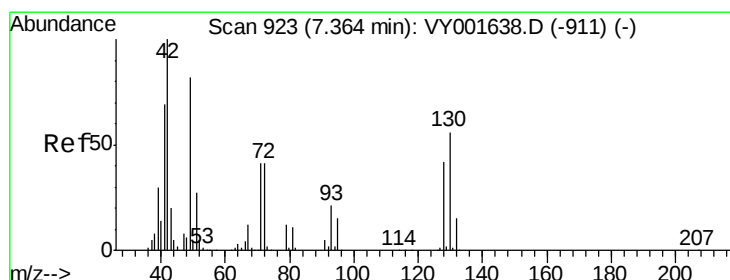
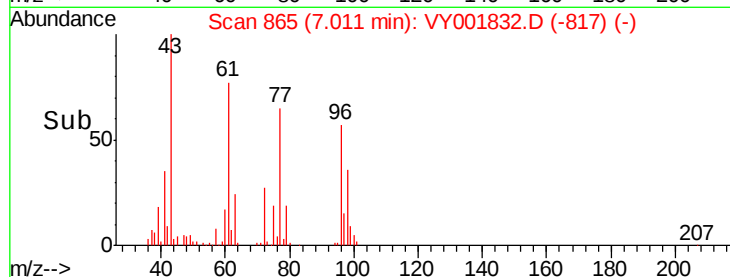
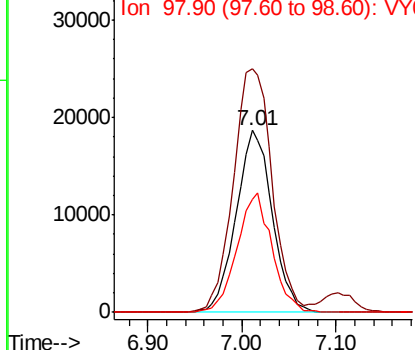
cis-1,2-Dichloroethene
Concen: 21.739 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	290.8
98	63.5	0.0	128.6



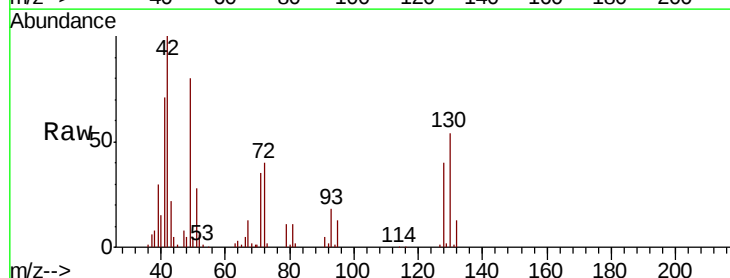
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



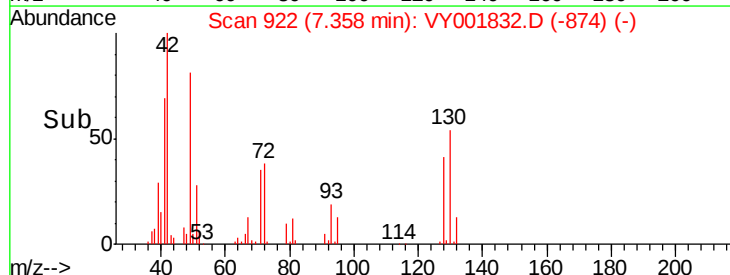
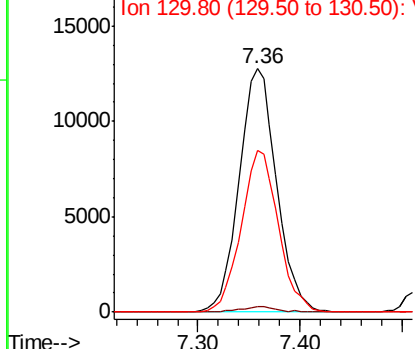
#28

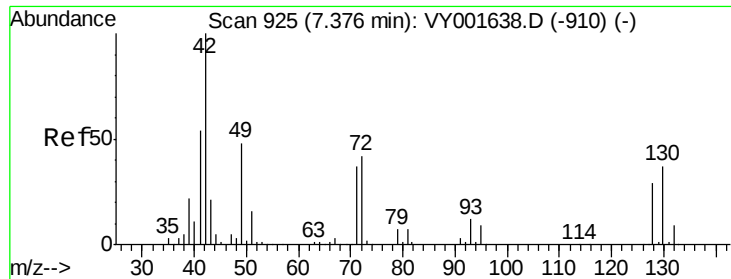
Bromochloromethane
Concen: 21.786 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	65.8	56.2	84.4



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

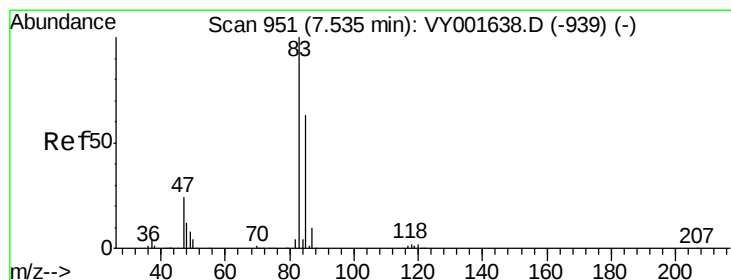
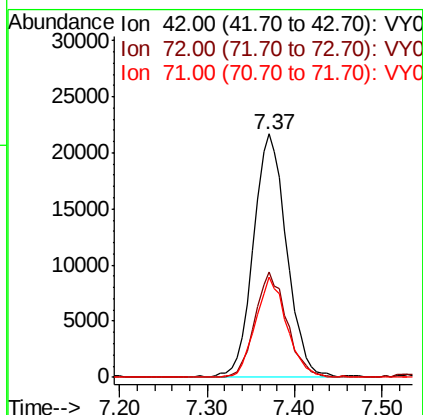
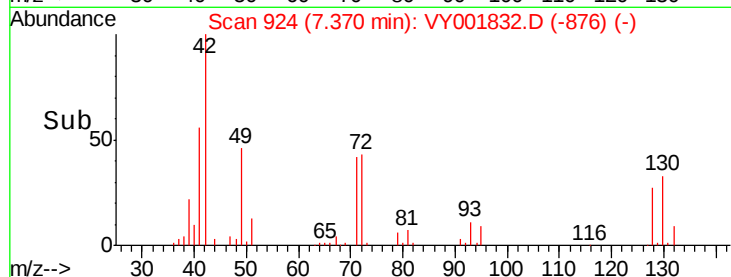
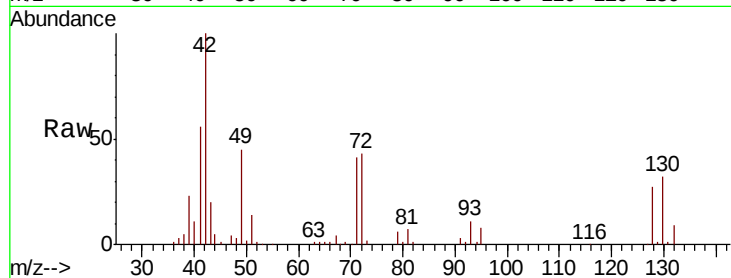




#29
Tetrahydrofuran
Concen: 111.435 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

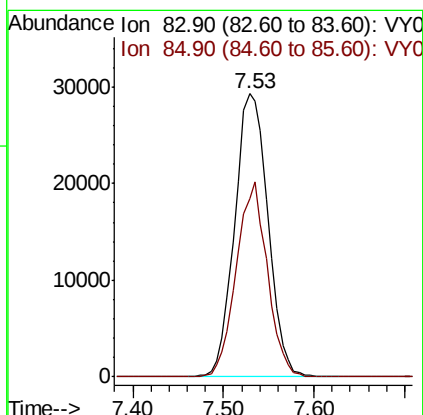
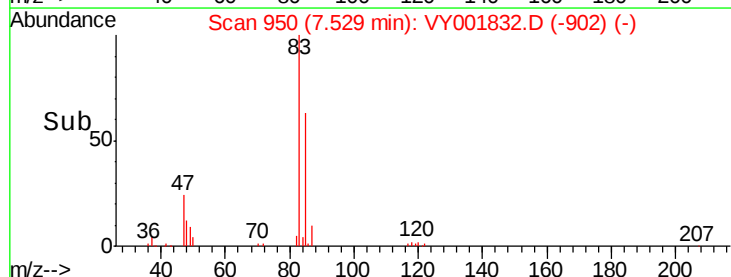
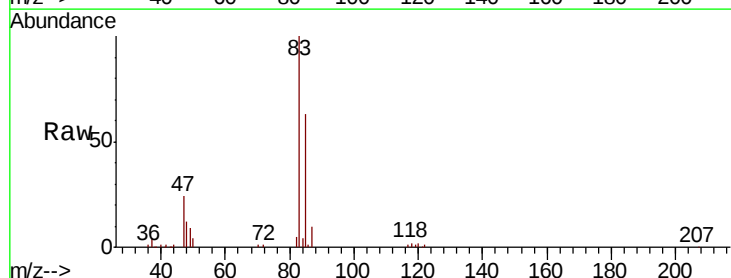
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

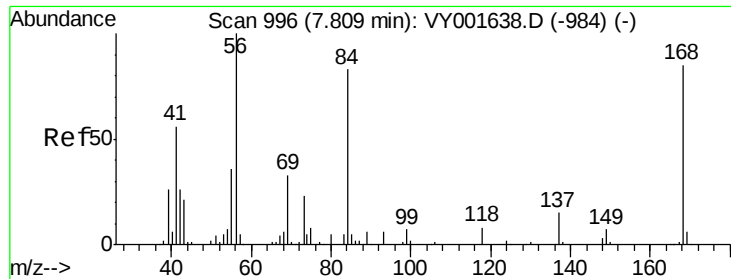
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.4	51.6
71	38.7	31.8	47.8



#30
Chloroform
Concen: 21.381 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.6	77.4

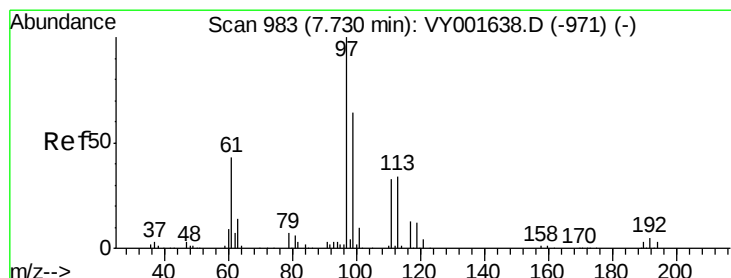
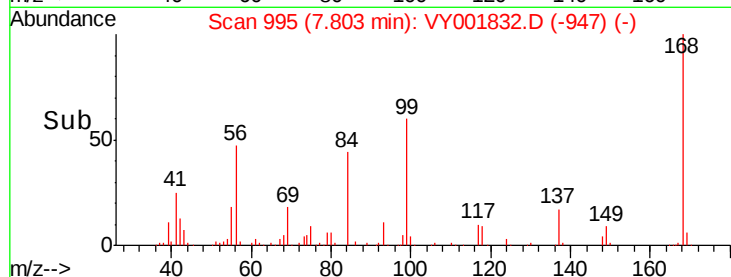
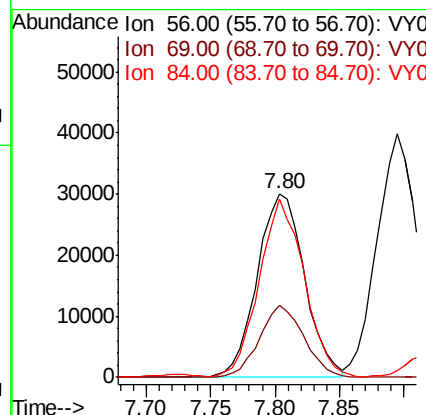
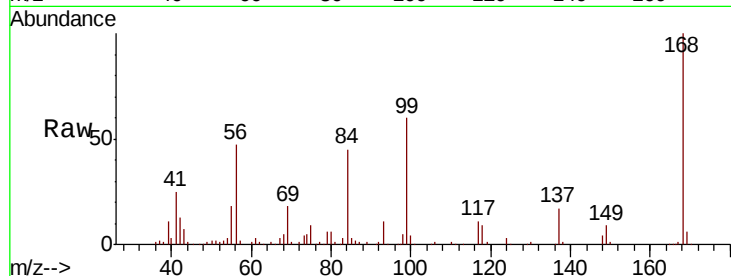




#31
Cyclohexane
Concen: 20.121 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

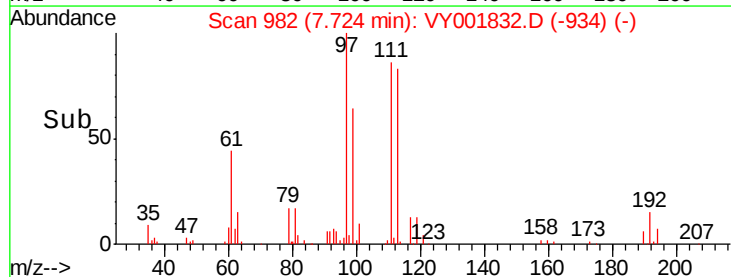
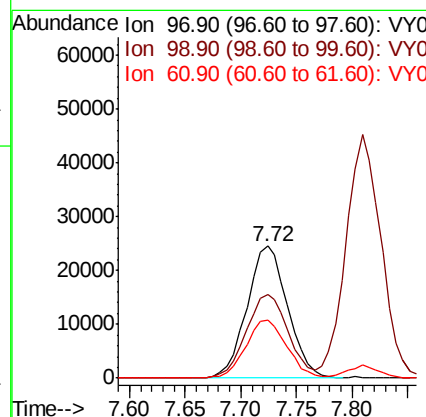
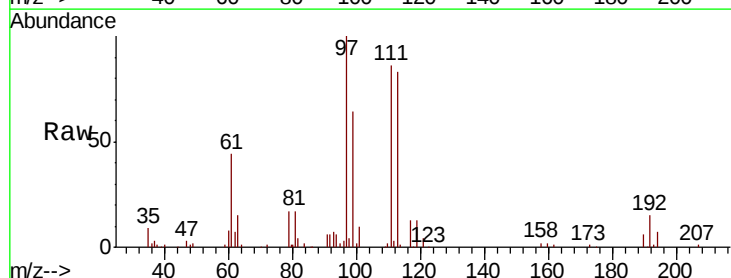
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

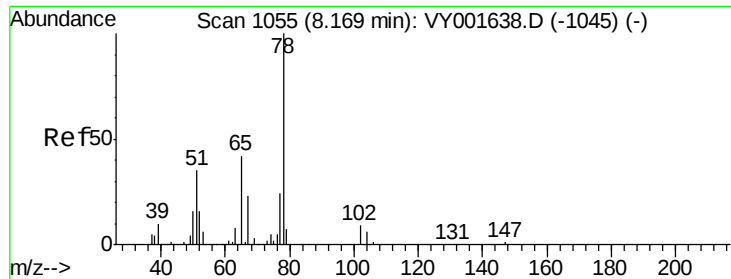
Tot Ion: 56 Resp: 76635
Ion Ratio Lower Upper
56 100
69 39.0 25.1 37.7#
84 95.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 21.200 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 97 Resp: 62191
Ion Ratio Lower Upper
97 100
99 65.6 51.2 76.8
61 44.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.133 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

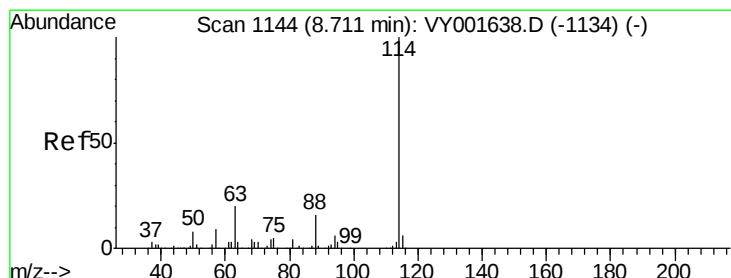
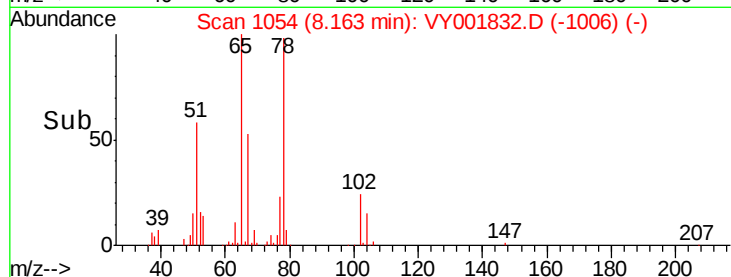
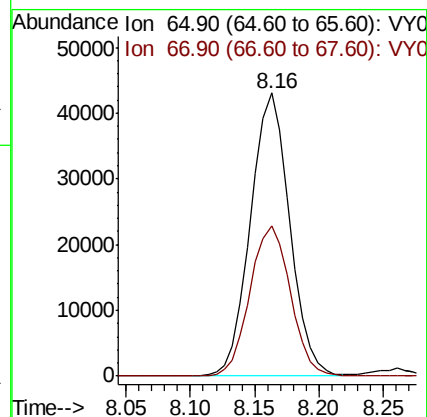
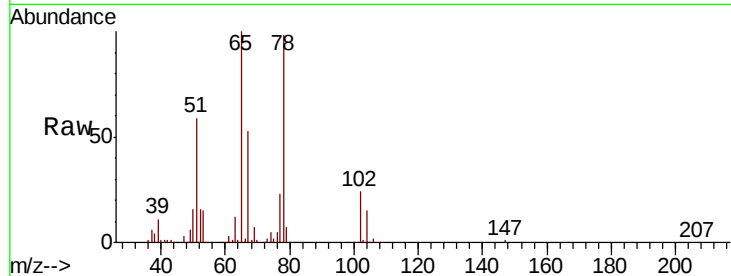
VY0303SBS01

Tot Ion: 65 Resp: 90885

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

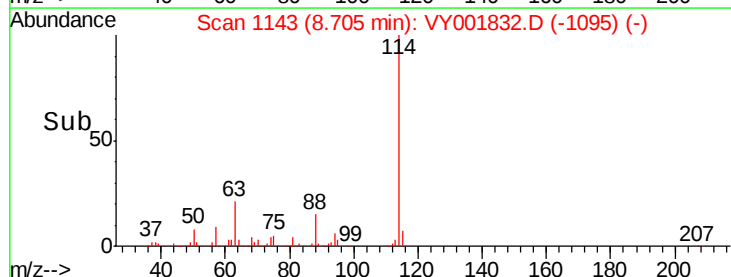
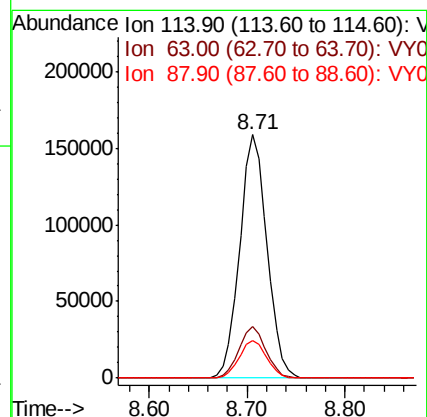
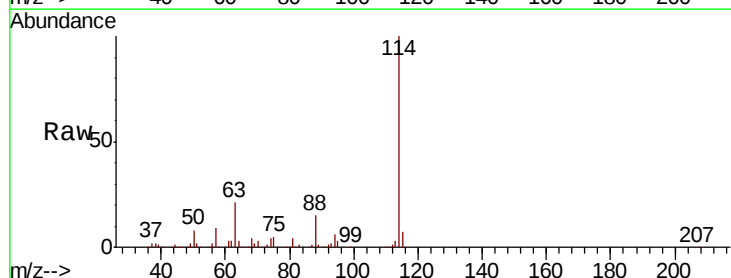
Tgt Ion: 114 Resp: 306587

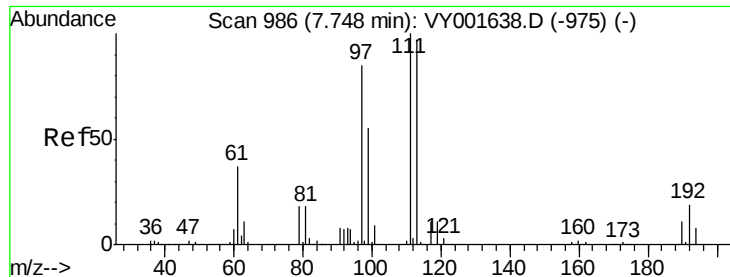
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

88 15.3 0.0 32.8

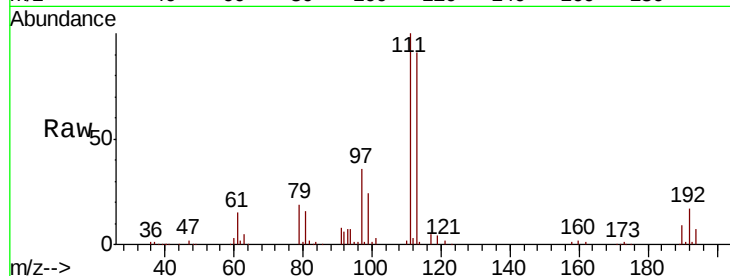




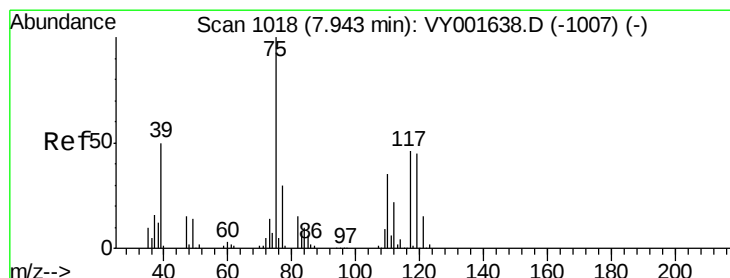
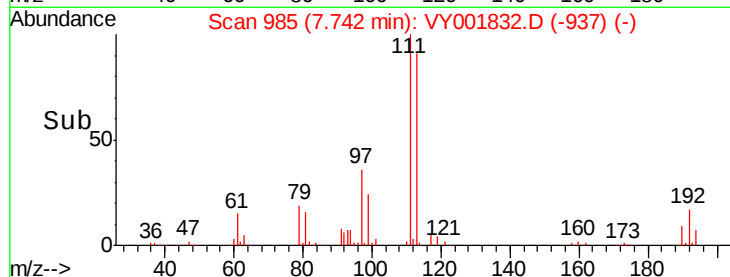
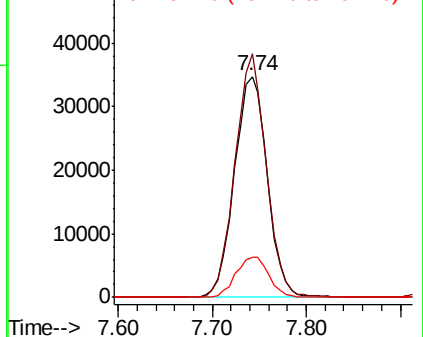
#35
 Dibromofluoromethane
 Concen: 48.148 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion:113 Resp: 84548
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.9 122.9
 192 18.2 14.3 21.5

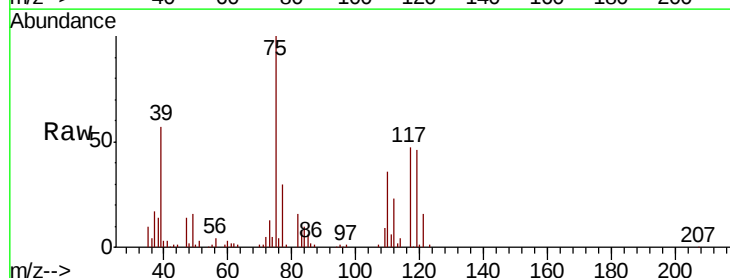


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

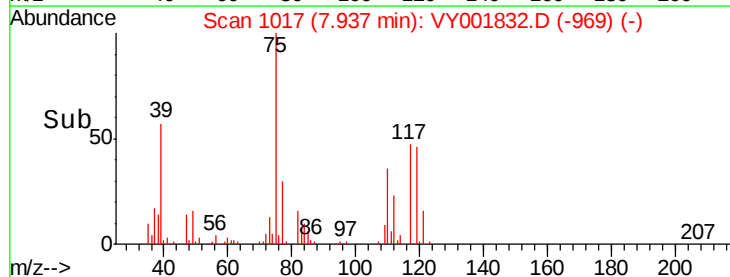
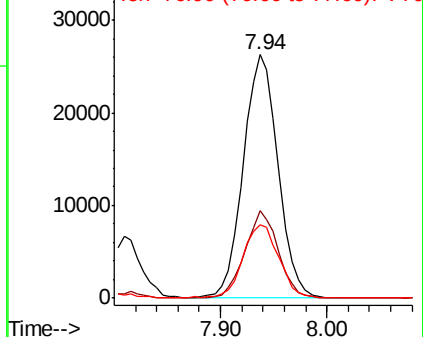


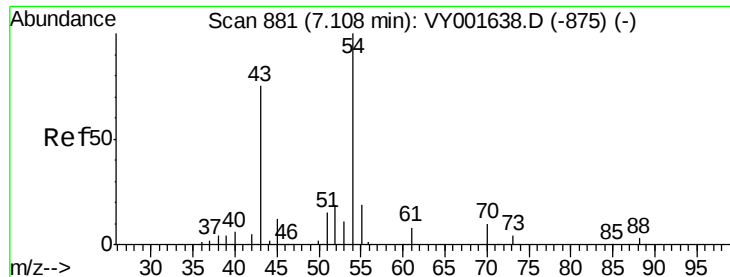
#36
 1,1-Dichloropropene
 Concen: 20.592 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 75 Resp: 60304
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.2 51.6
 77 31.1 24.8 37.2



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

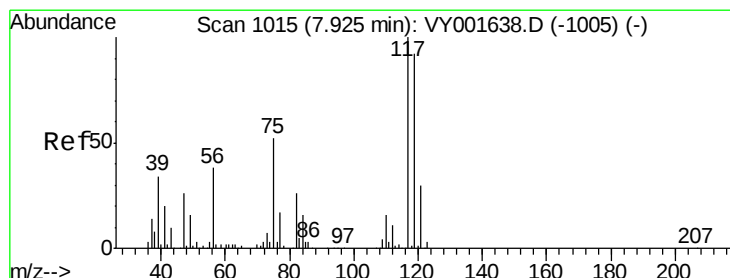
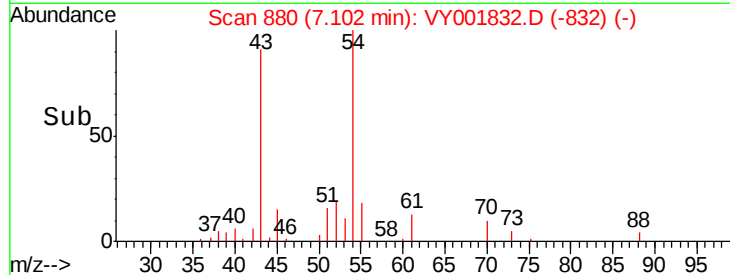
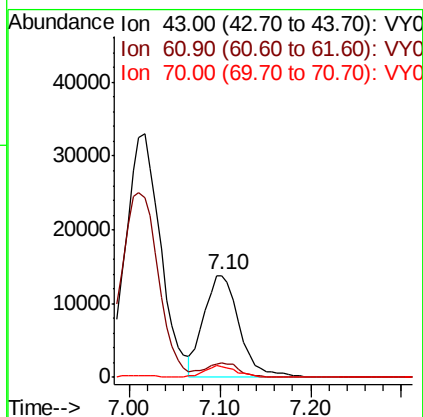
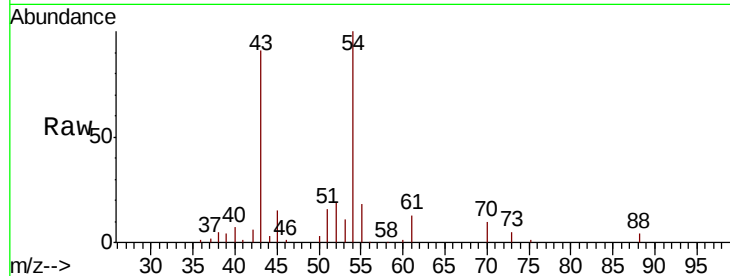




#37
Ethyl Acetate
Concen: 21.786 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

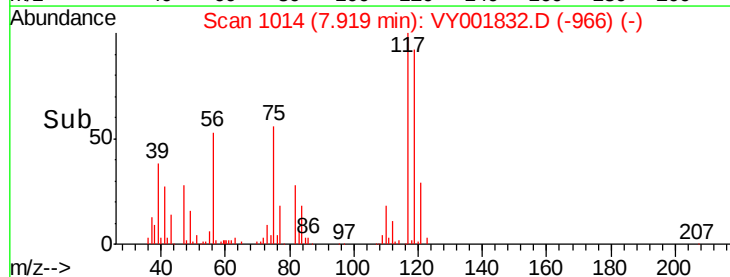
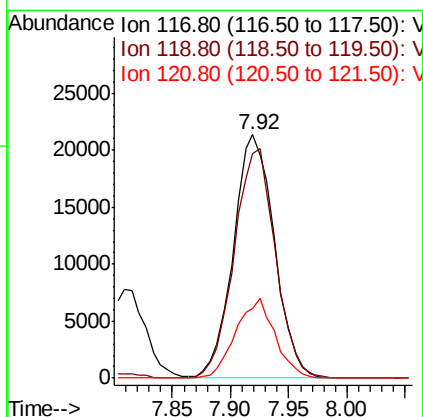
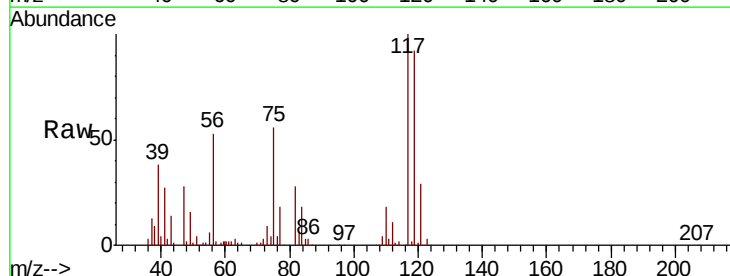
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

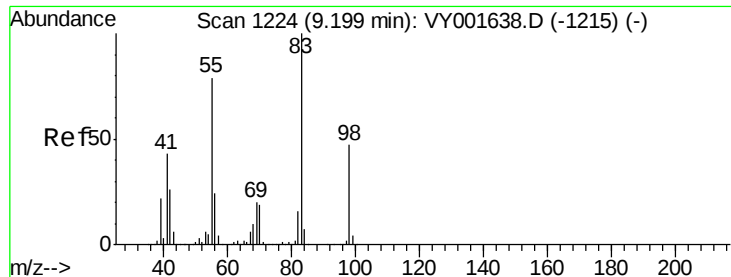
Tot Ion: 43 Resp: 38079
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.6
70 10.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.356 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 117 Resp: 52361
Ion Ratio Lower Upper
117 100
119 92.4 74.8 112.2
121 28.8 23.8 35.6

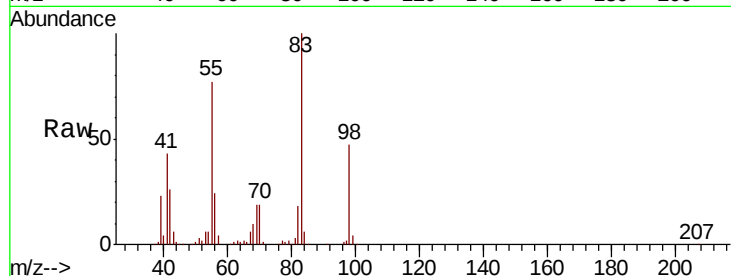




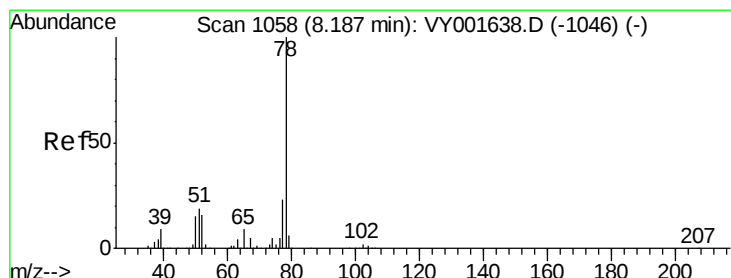
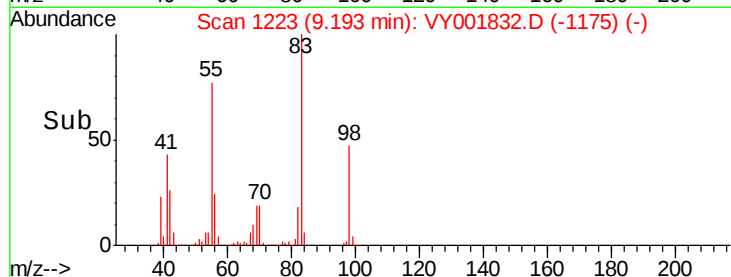
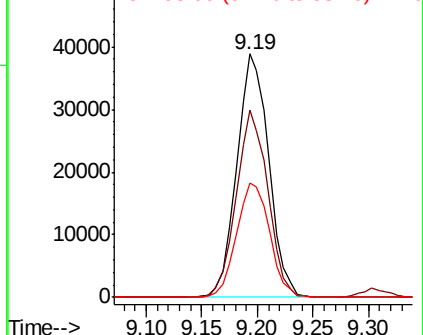
#39
Methvlcvclohexane
Concen: 19.911 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 83 Resp: 77357
Ion Ratio Lower Upper
83 100
55 77.2 61.3 91.9
98 47.1 38.0 57.0

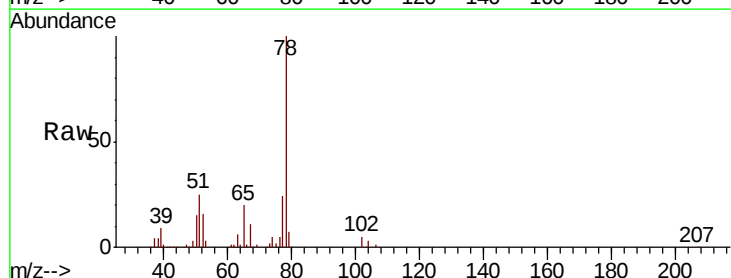


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

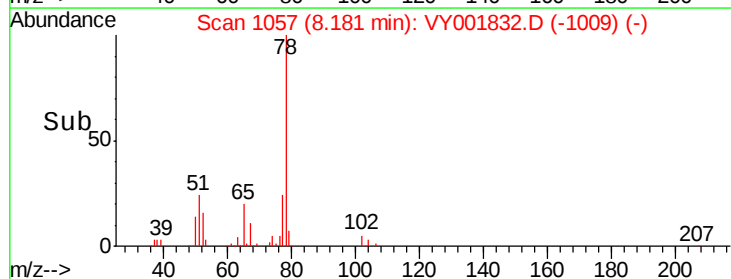
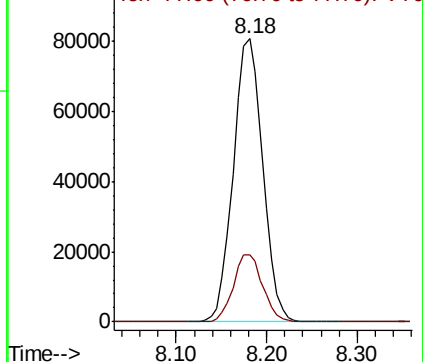


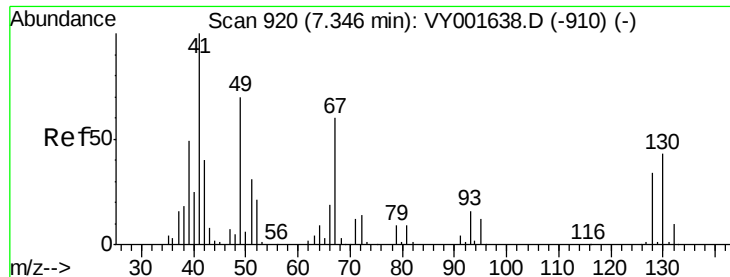
#40
Benzene
Concen: 21.120 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 78 Resp: 181902
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.4



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

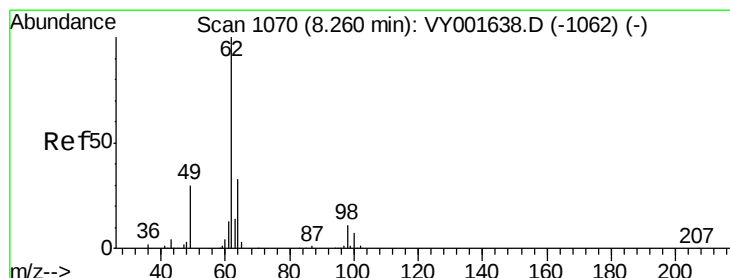
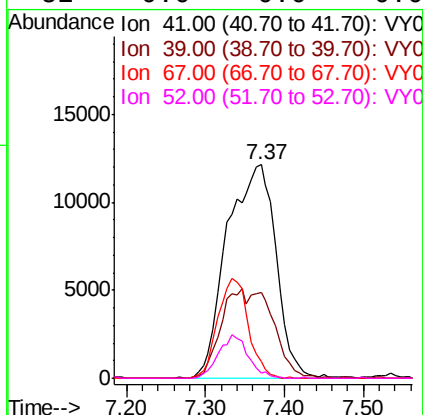
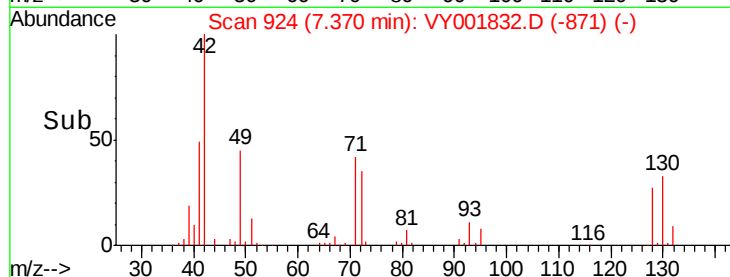
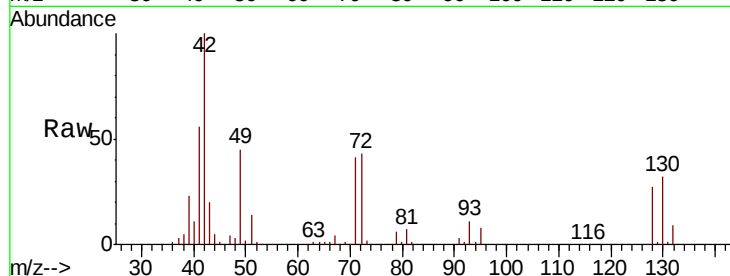




#41
Methacrylonitrile
Concen: 59.505 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

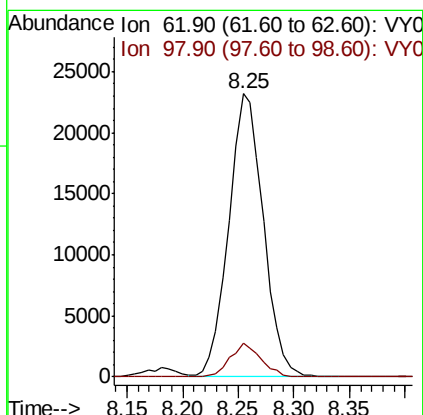
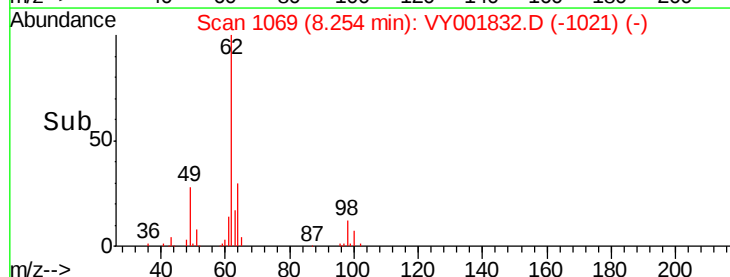
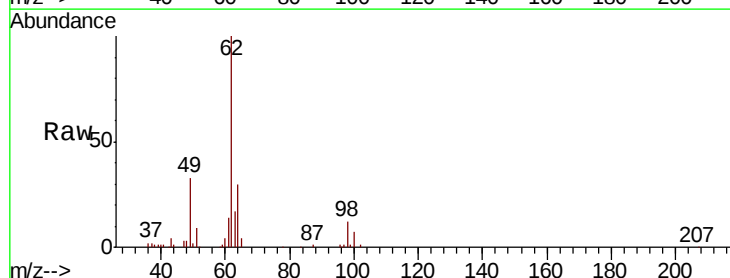
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

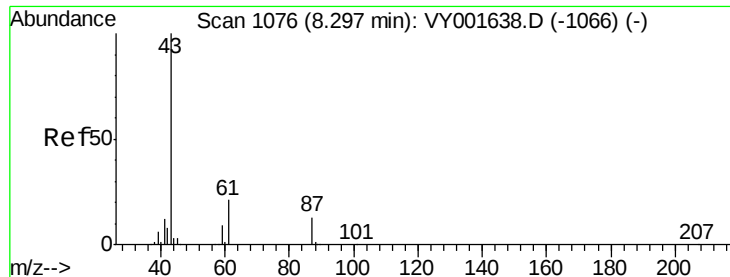
Tot Ion: 41 Resp: 52223
Ion Ratio Lower Upper
41 100
39 0.0 36.0 54.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.289 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 62 Resp: 49953
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8



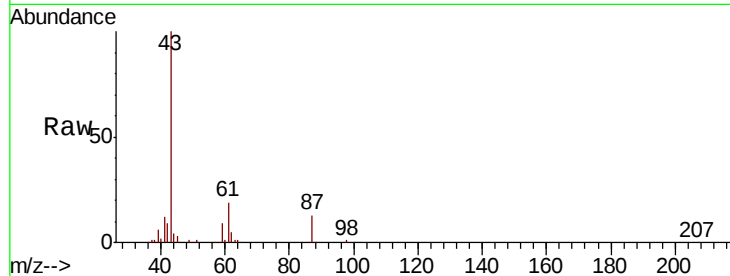


#43

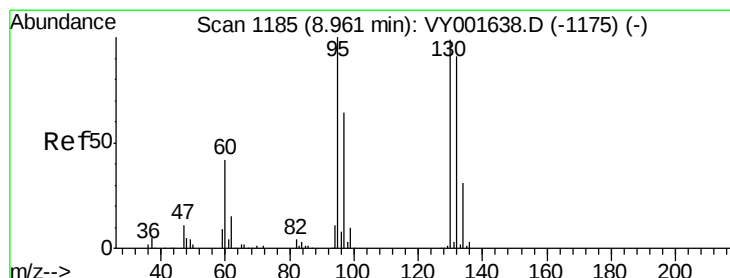
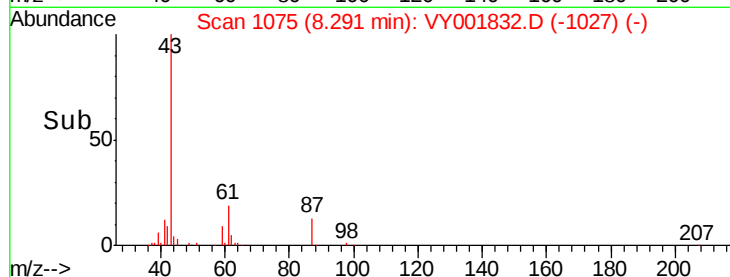
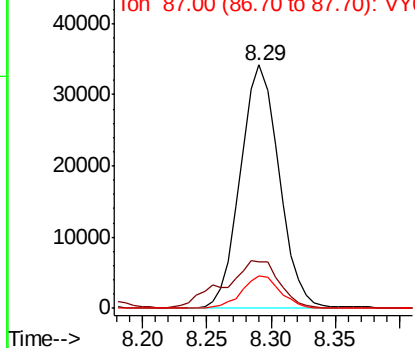
Isopropyl Acetate
 Concen: 21.568 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 43 Resp: 71526
 Ion Ratio Lower Upper
 43 100
 61 28.0 23.0 34.4
 87 13.2 10.7 16.1



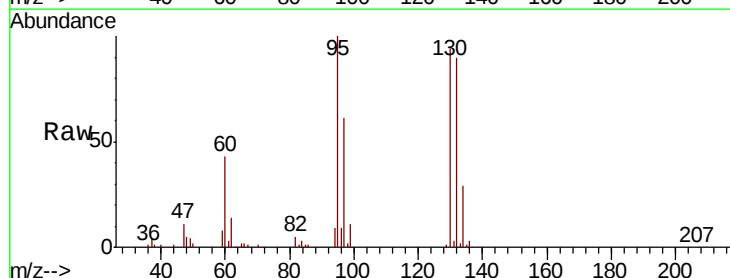
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



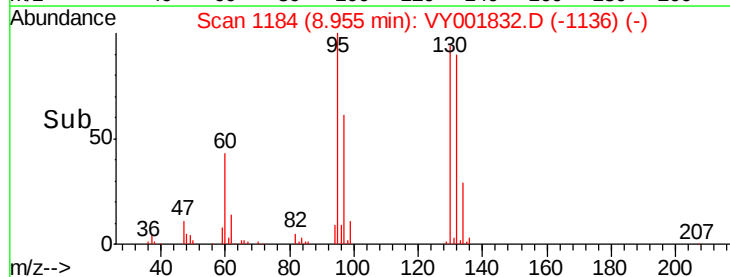
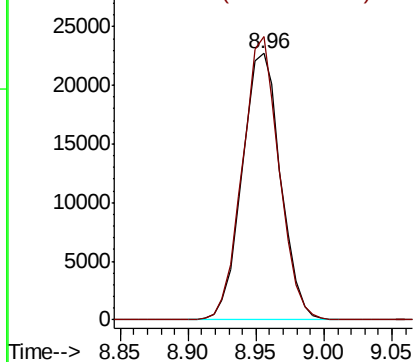
#44

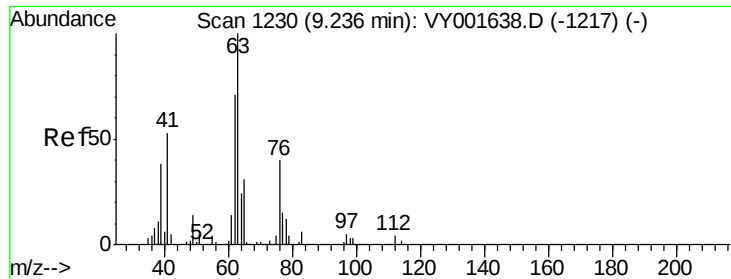
Trichloroethene
 Concen: 20.950 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 130 Resp: 45043
 Ion Ratio Lower Upper
 130 100
 95 106.2 0.0 200.6



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

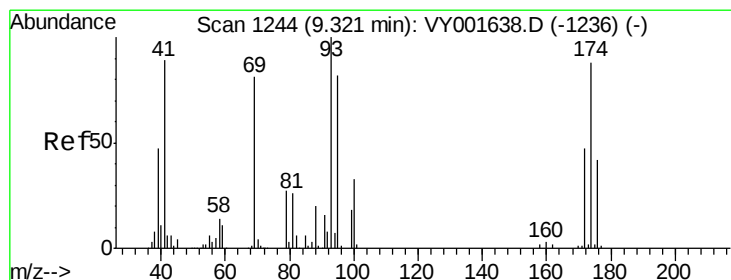
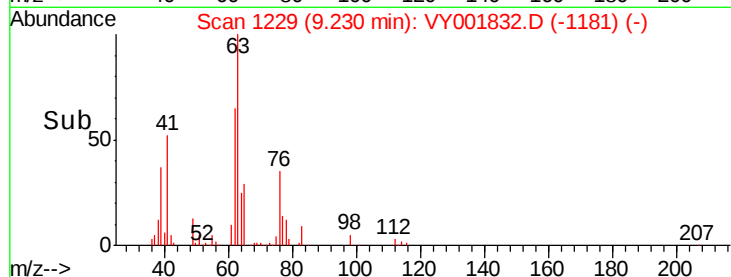
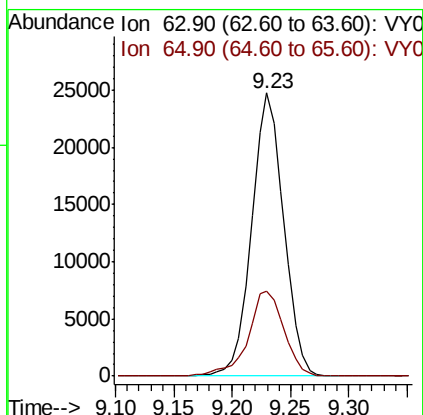
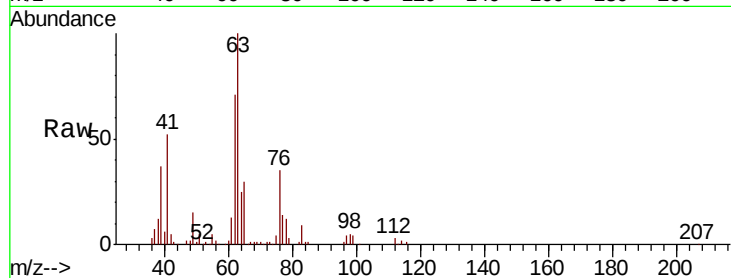




#45
 1,2-Dichloropropane
 Concen: 21.879 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

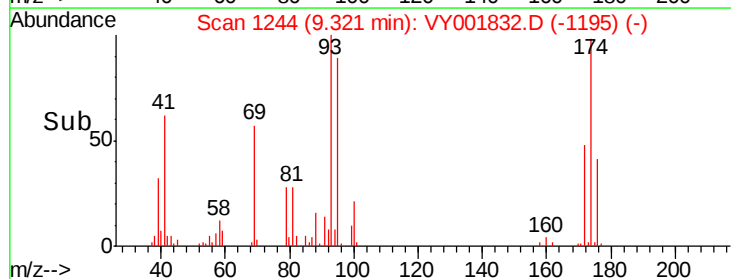
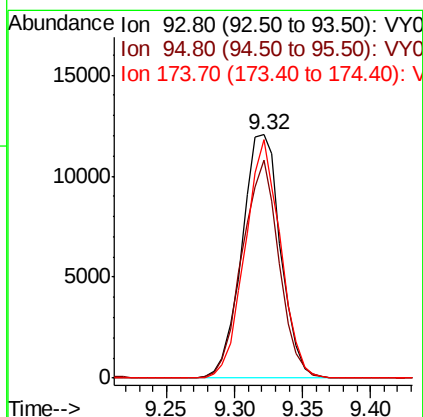
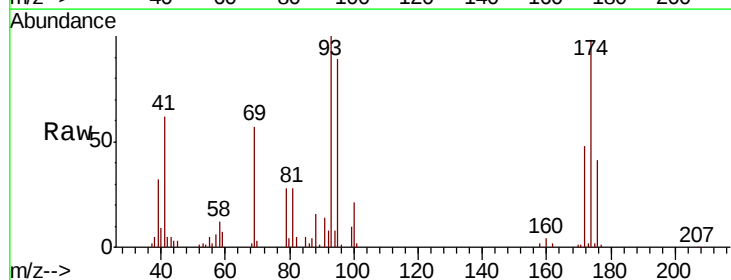
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBSD01

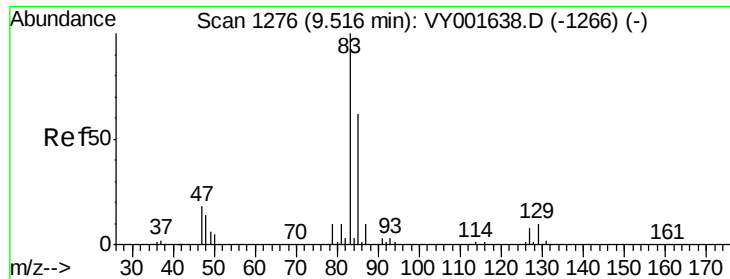
Tot Ion: 63 Resp: 47194
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0



#46
 Dibromomethane
 Concen: 21.281 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 93 Resp: 24009
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.1 99.1
 174 90.1 72.5 108.7





#47

Bromodichloromethane

Concen: 20.984 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

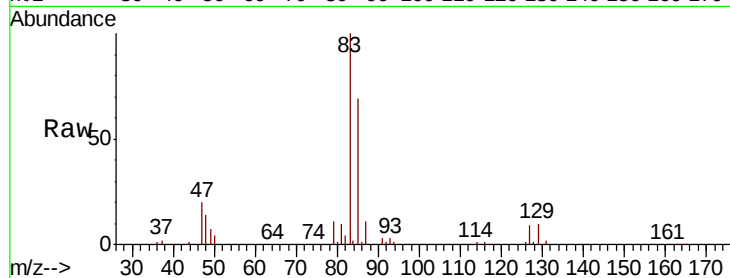
Tot Ion: 83 Resp: 57138

Ion Ratio Lower Upper

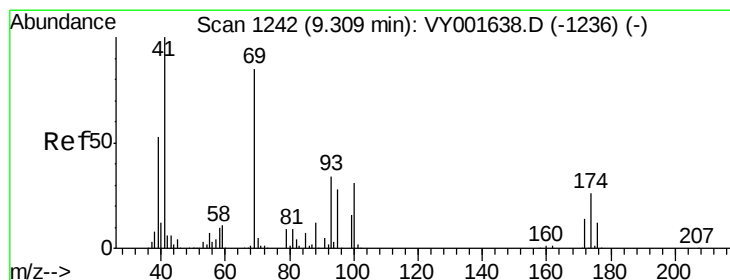
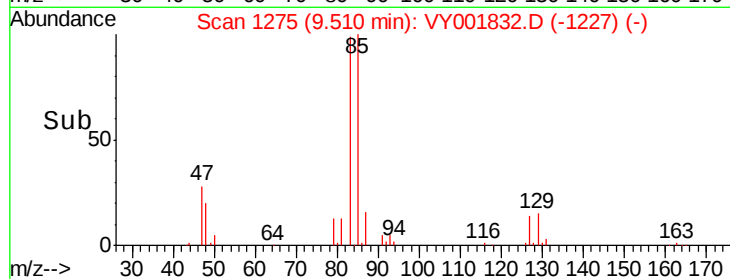
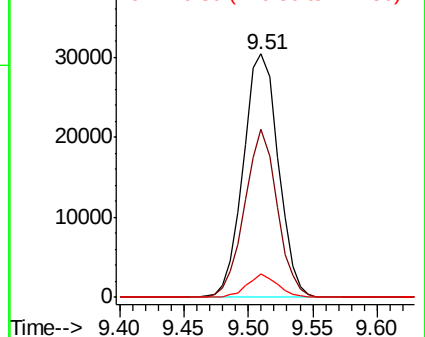
83 100

85 69.0 51.4 77.0

127 9.4 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: 20.715 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

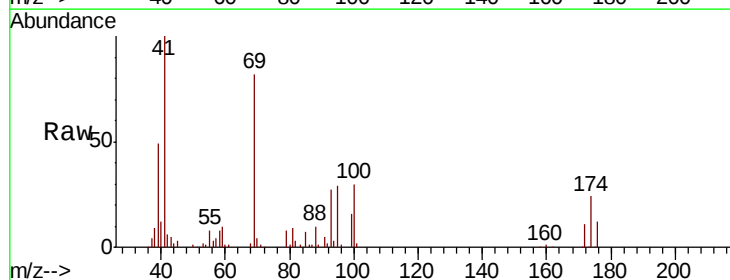
Tgt Ion: 41 Resp: 31069

Ion Ratio Lower Upper

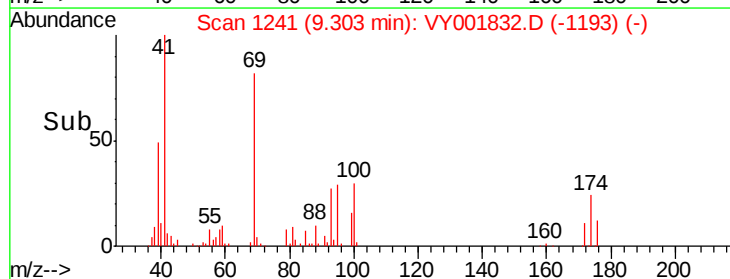
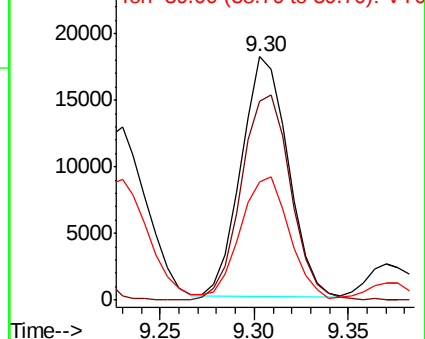
41 100

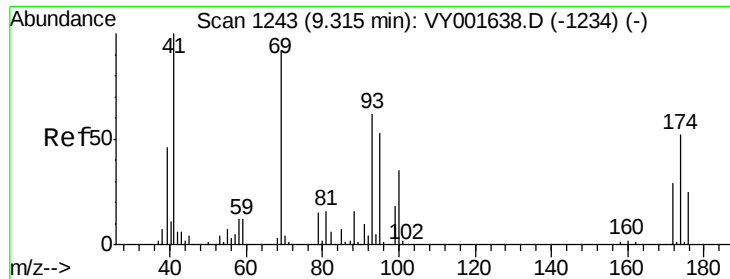
69 90.5 70.7 106.1

39 54.5 42.2 63.2



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: 416.201 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

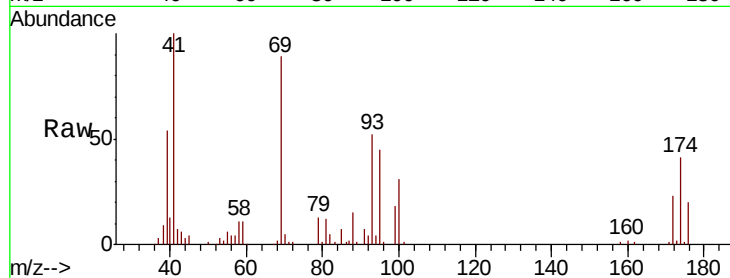
MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 88 Resp: 6632

Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.1	34.7
58	70.4	58.1	87.1

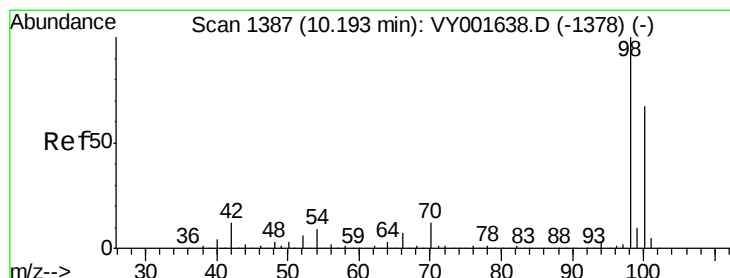
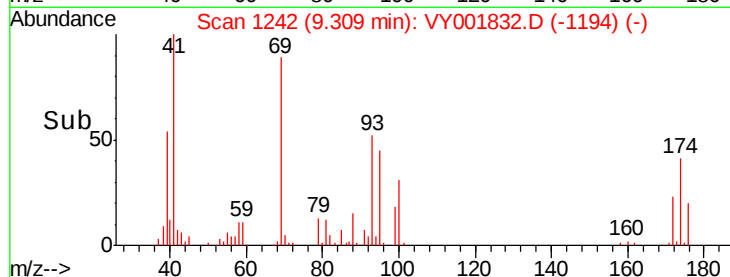
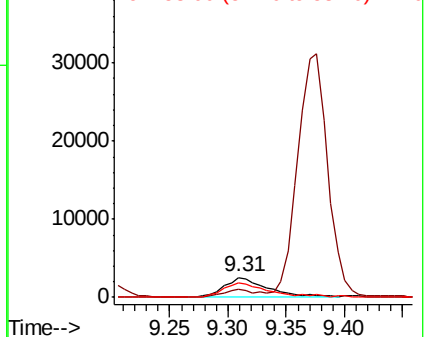


Abundance

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: 50.642 ug/l

RT: 10.19 min Scan# 1387

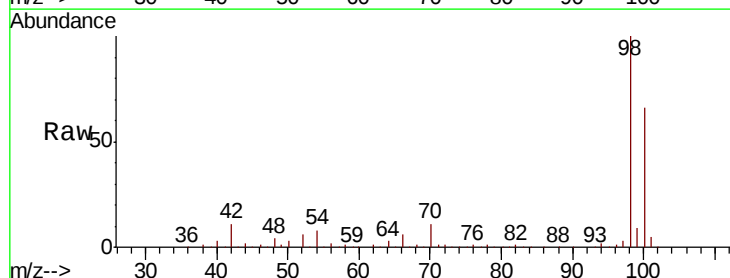
Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion: 98 Resp: 348389

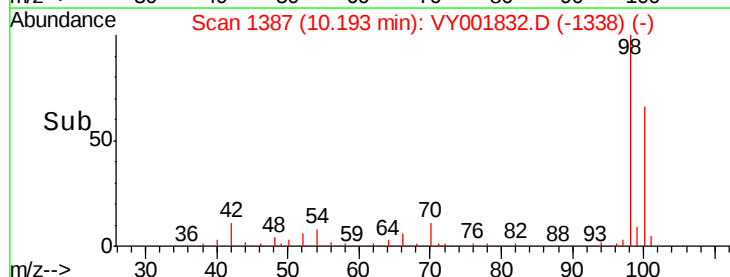
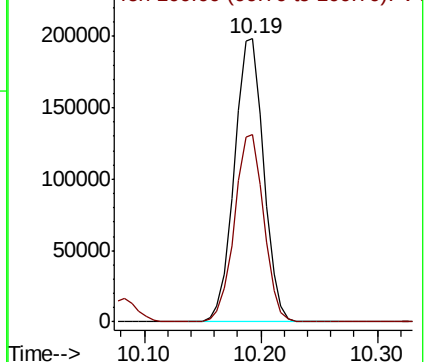
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

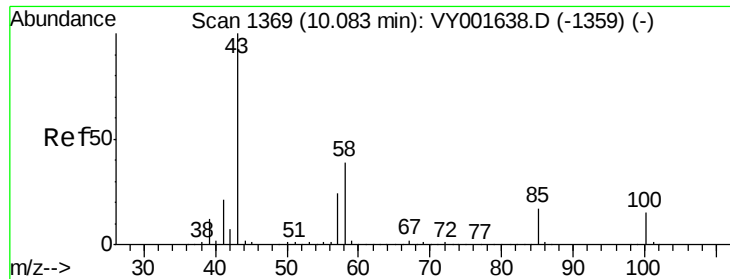


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

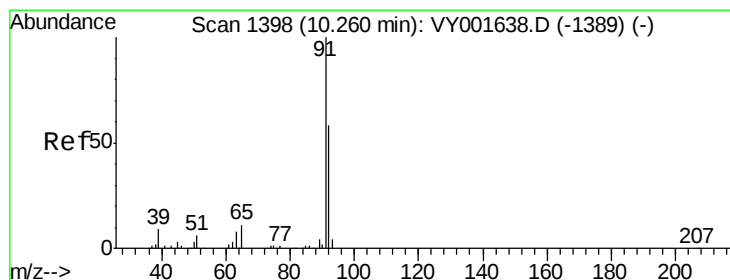
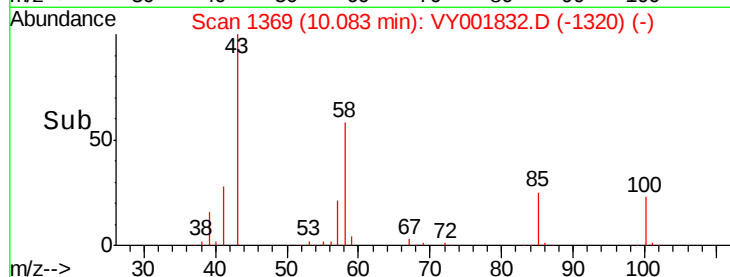
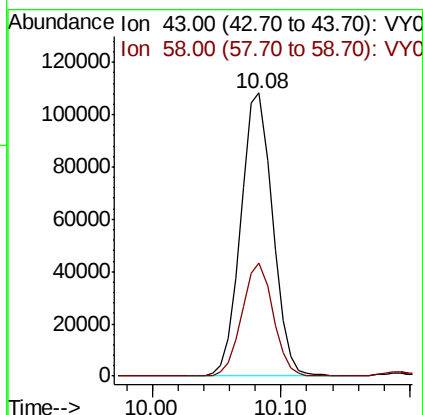
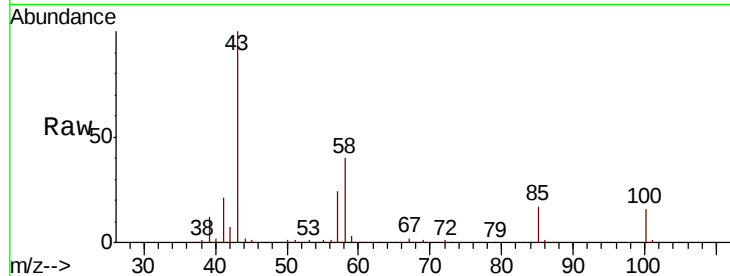




#51
4-Methyl-2-Pentanone
Concen: 108.551 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

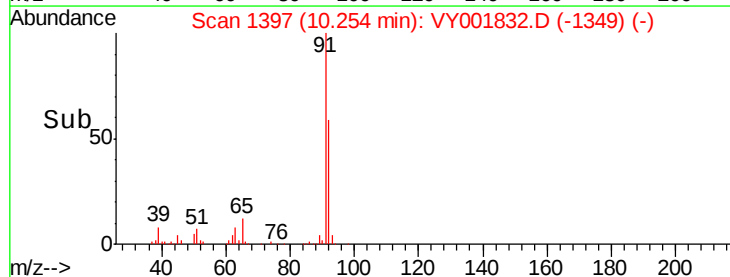
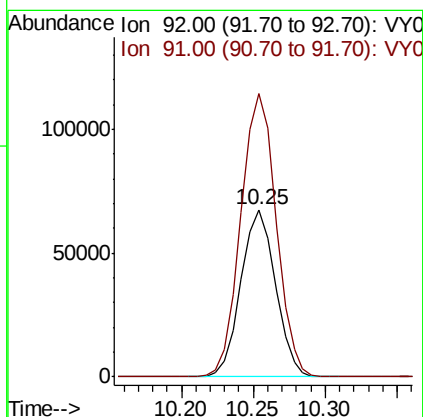
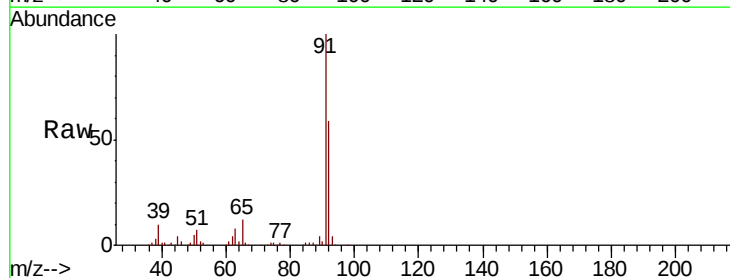
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

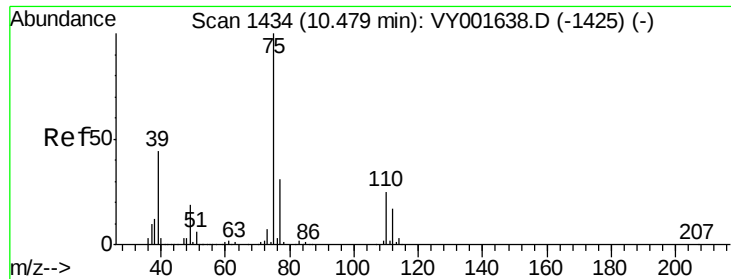
Tot Ion: 43 Resp: 184962
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.4



#52
Toluene
Concen: 20.971 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 92 Resp: 112667
Ion Ratio Lower Upper
92 100
91 173.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 20.936 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

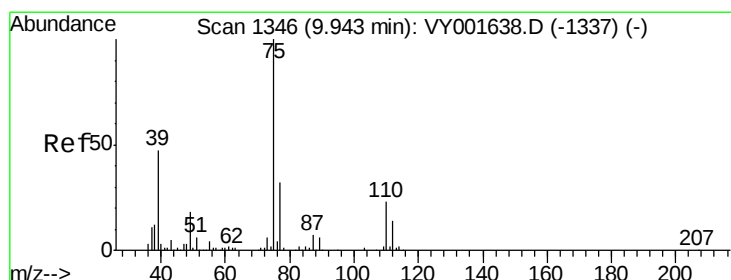
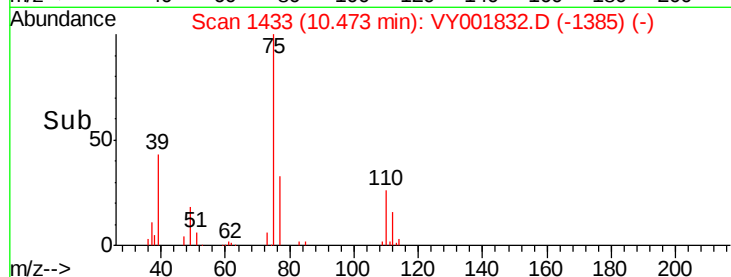
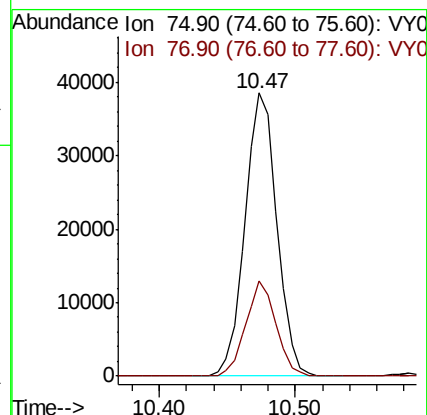
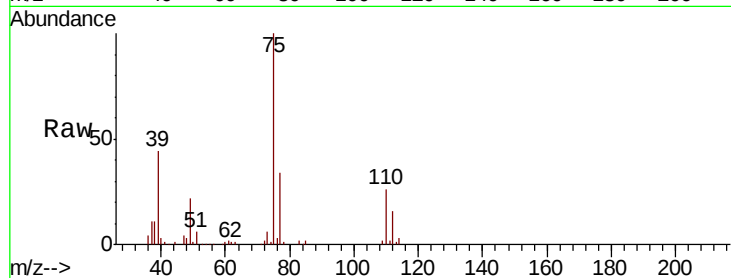
VY0303SBS01

Tot Ion: 75 Resp: 63022

Ion Ratio Lower Upper

75 100

77 33.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.461 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

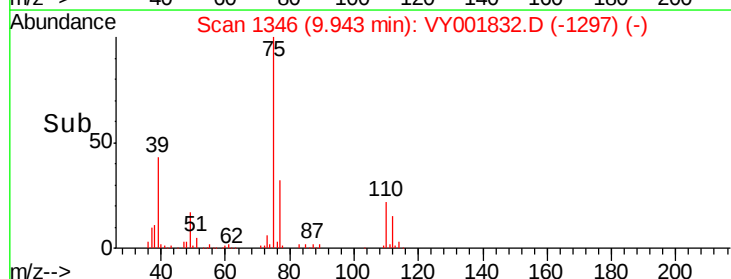
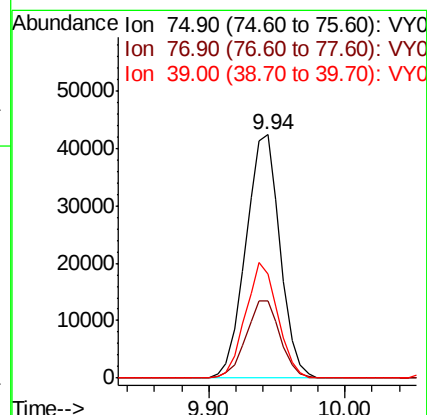
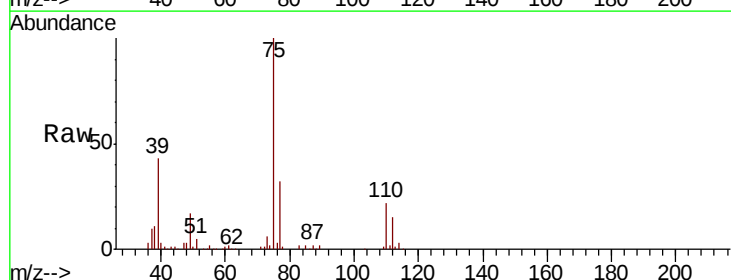
Tgt Ion: 75 Resp: 74351

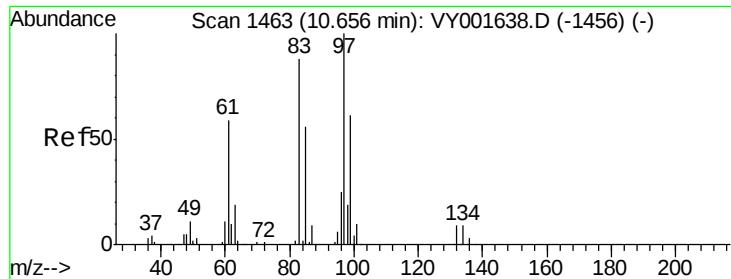
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 43.0 35.7 53.5

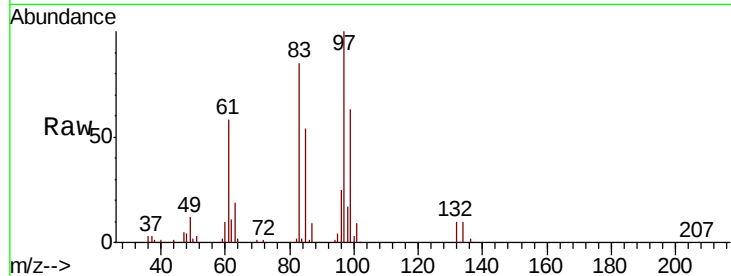




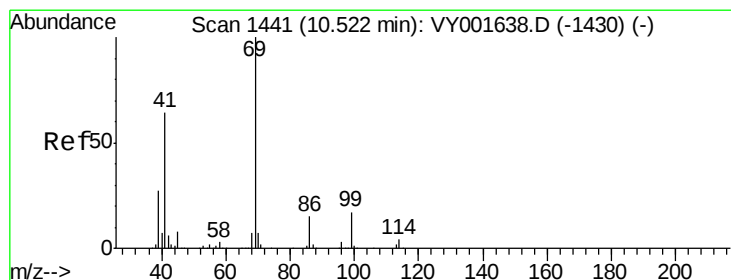
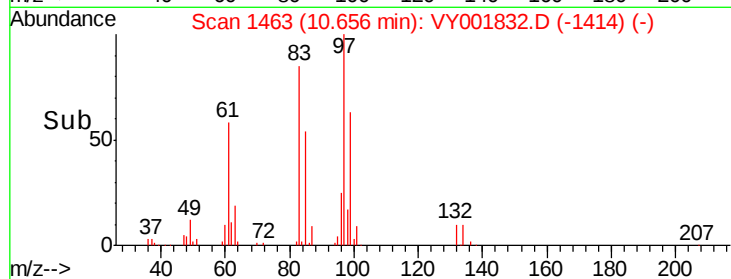
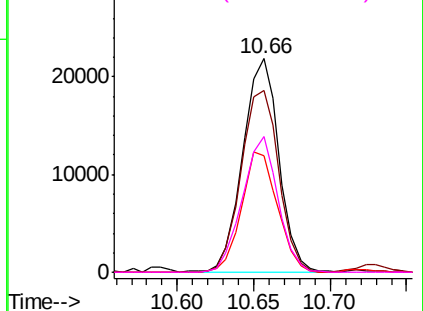
#55
 1,1,2-Trichloroethane
 Concen: 21.529 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 97 Resp: 35815
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.7 104.5
 85 54.4 44.5 66.7
 99 63.5 49.6 74.4

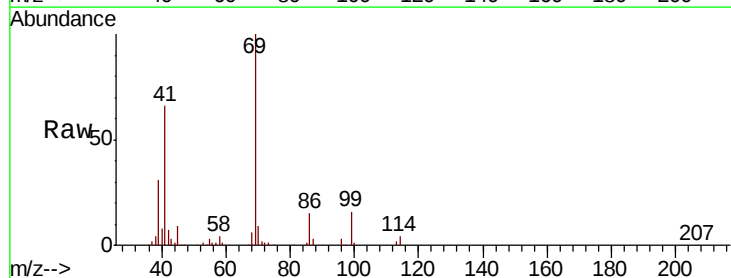


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

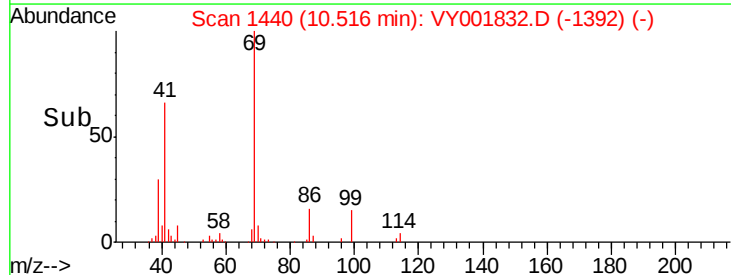
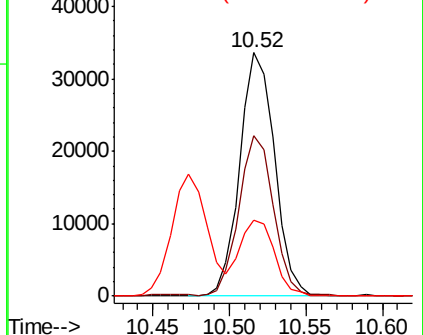


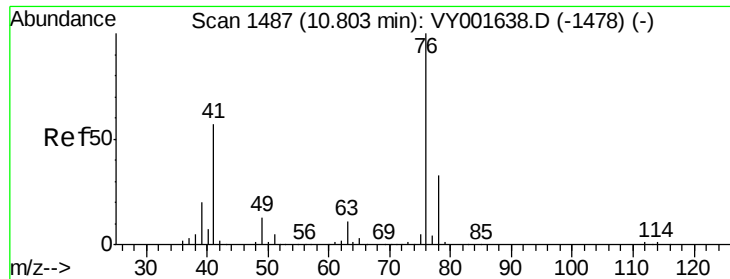
#56
 Ethyl methacrylate
 Concen: 21.354 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 69 Resp: 53293
 Ion Ratio Lower Upper
 69 100
 41 64.8 51.0 76.4
 39 30.9 24.7 37.1



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





#57

1,3-Dichloropropane

Concen: 21.628 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

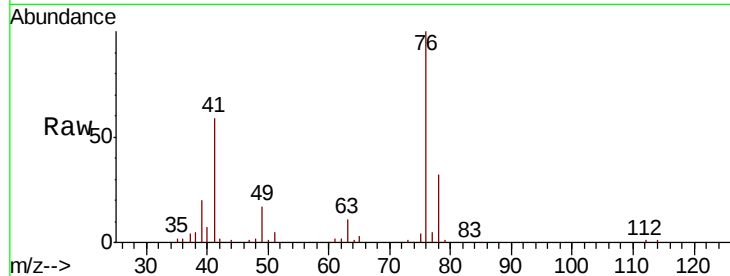
VY0303SBS01

Tot Ion: 76 Resp: 63929

Ion Ratio Lower Upper

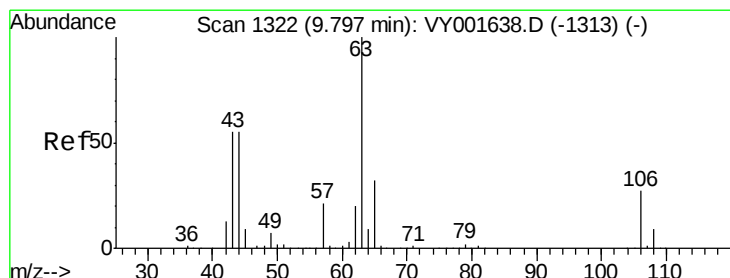
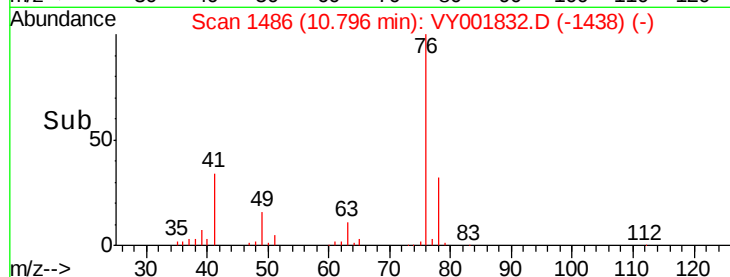
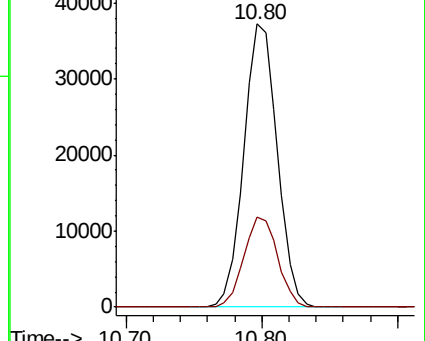
76 100

78 32.2 25.7 38.5



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: 134.544 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001832.D

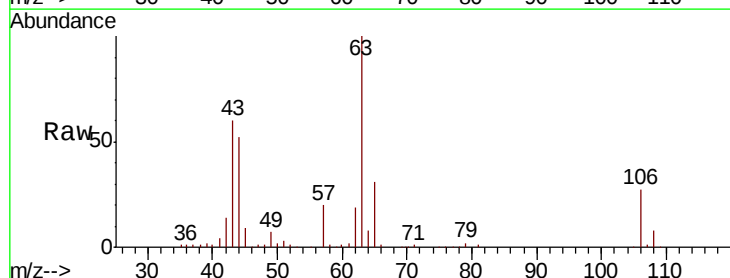
Acq: 03 Mar 2020 14:13

Tgt Ion: 63 Resp: 134564

Ion Ratio Lower Upper

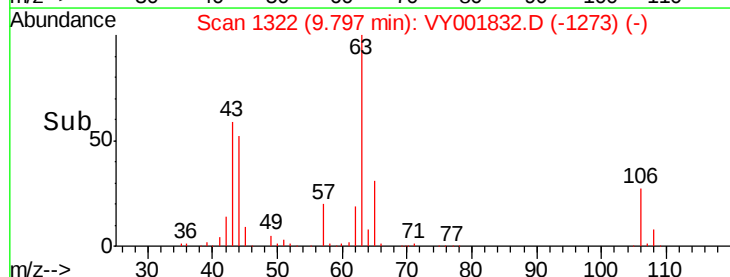
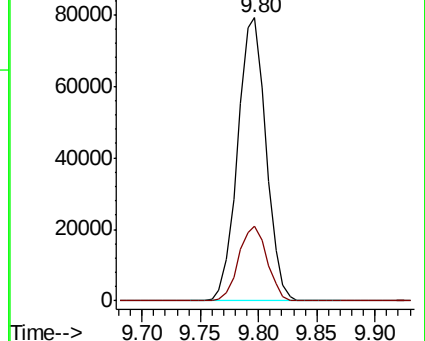
63 100

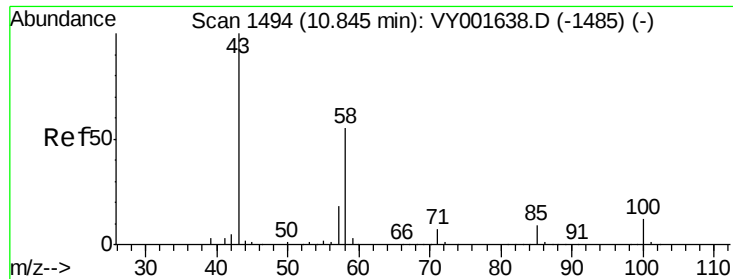
106 26.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

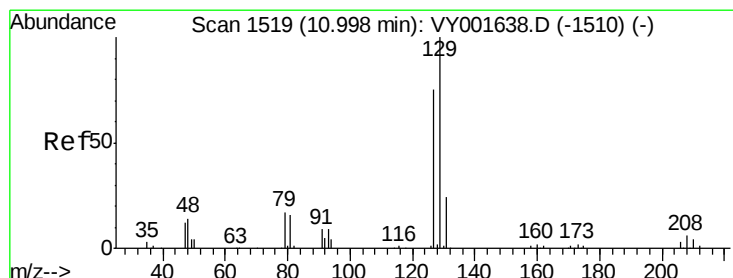
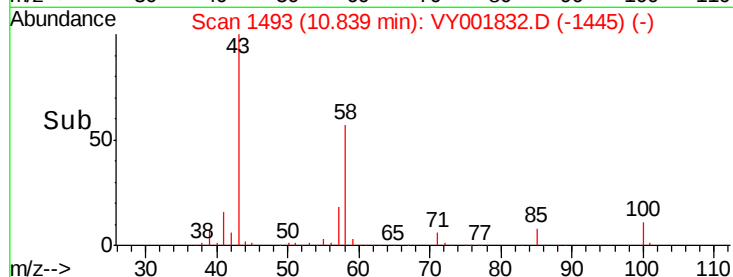
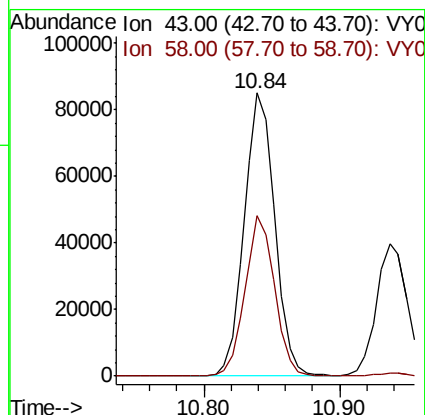
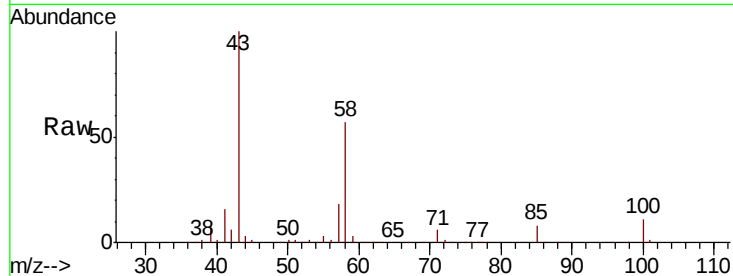




#59
2-Hexanone
Concen: 104.323 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

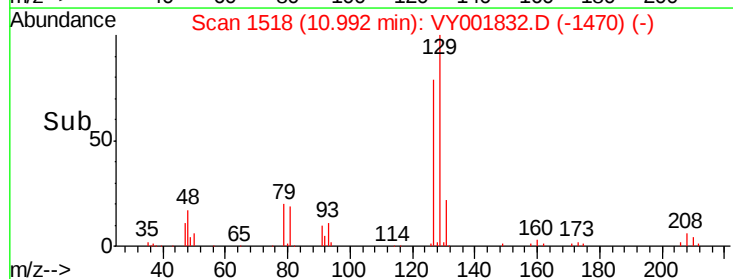
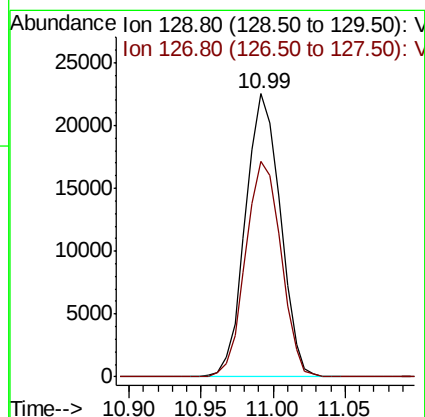
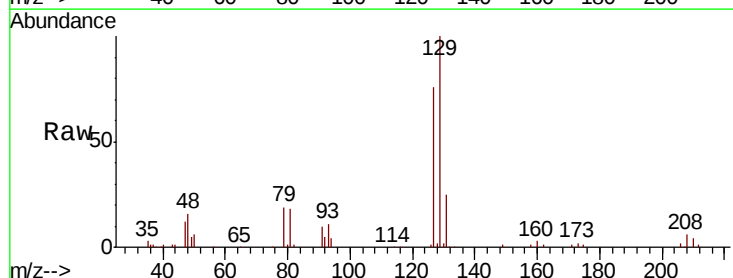
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD01

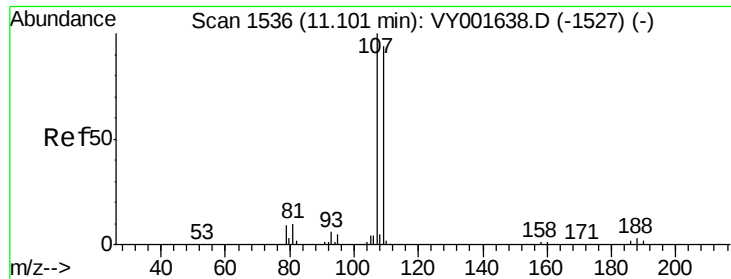
Tot Ion: 43 Resp: 133374
Ion Ratio Lower Upper
43 100
58 55.1 28.4 85.2



#60
Dibromochloromethane
Concen: 20.614 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 129 Resp: 37808
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6

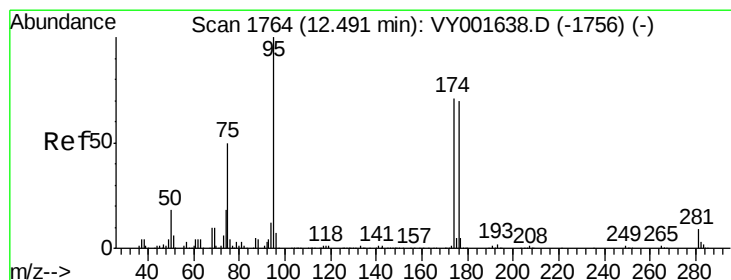
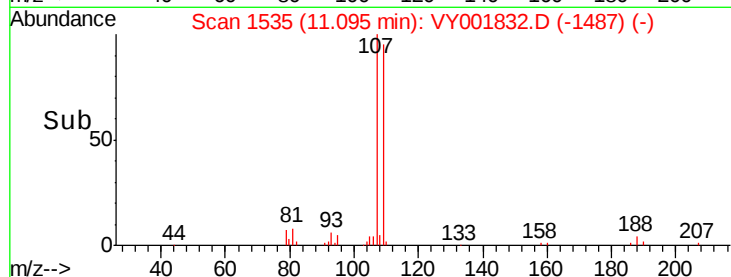
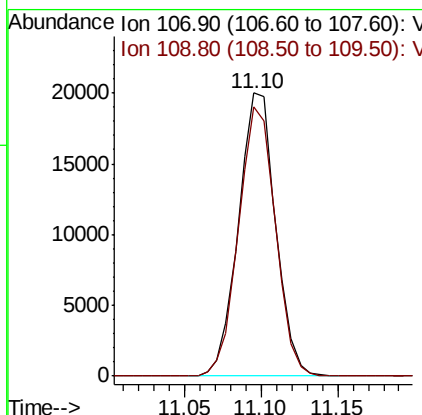
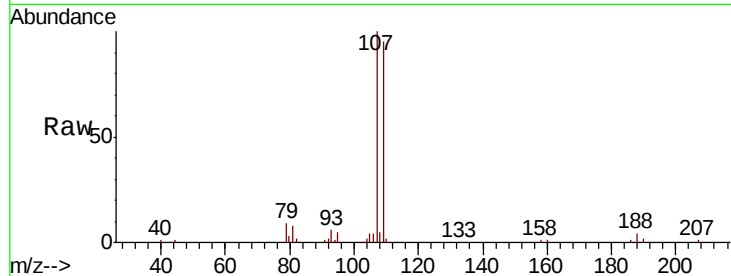




#61
 1,2-Dibromoethane
 Concen: 21.391 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

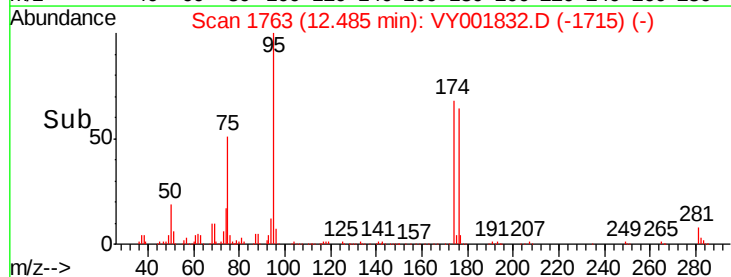
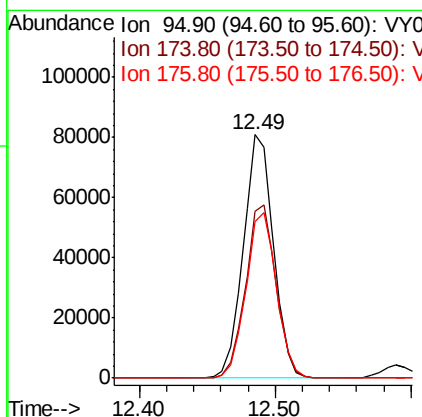
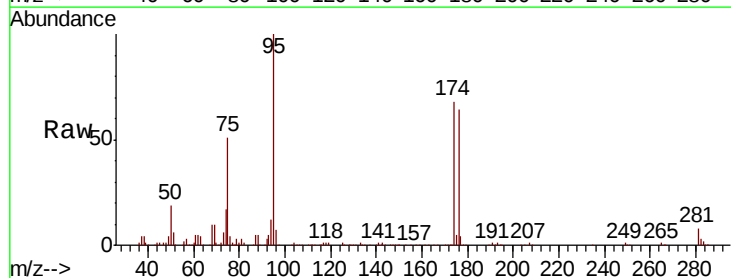
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

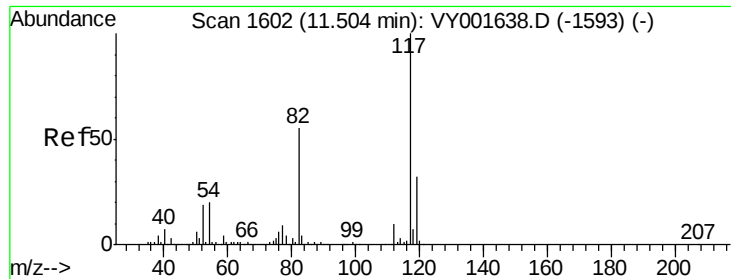
Tot Ion:107 Resp: 33647
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.745 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 95 Resp: 124931
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 138.4
 176 69.2 0.0 131.8

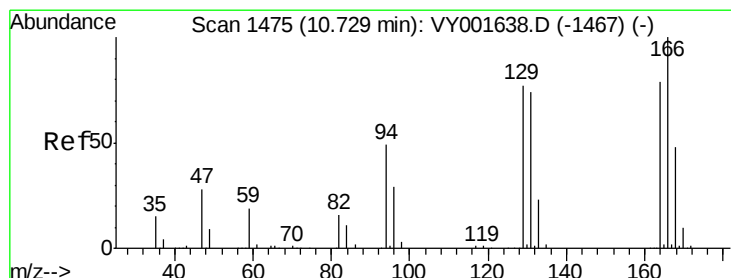
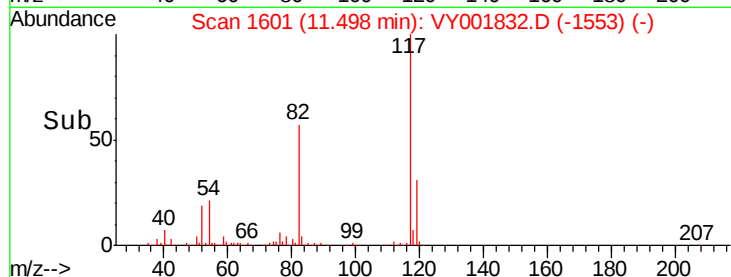
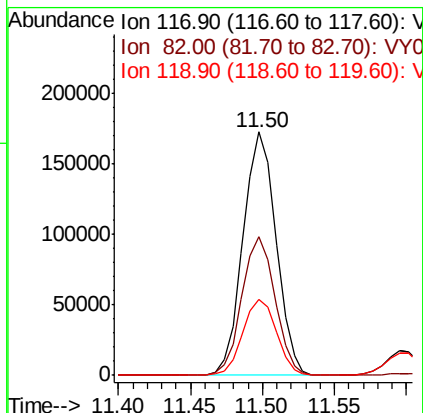
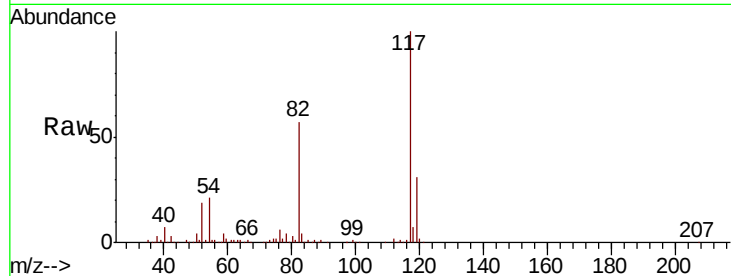




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

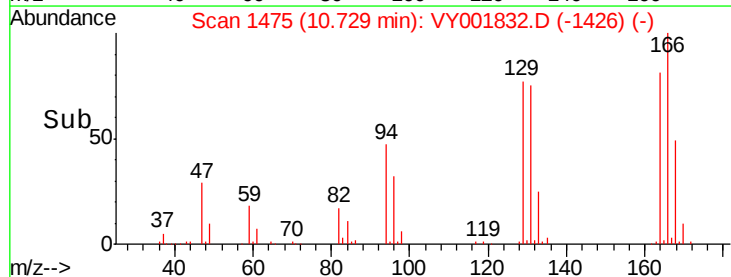
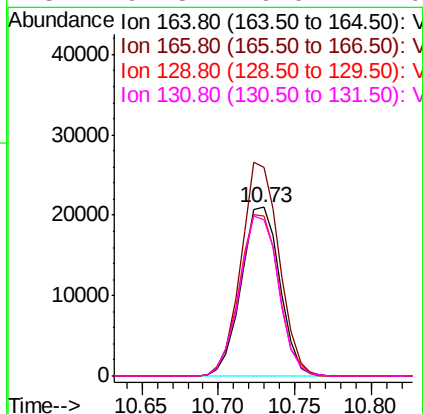
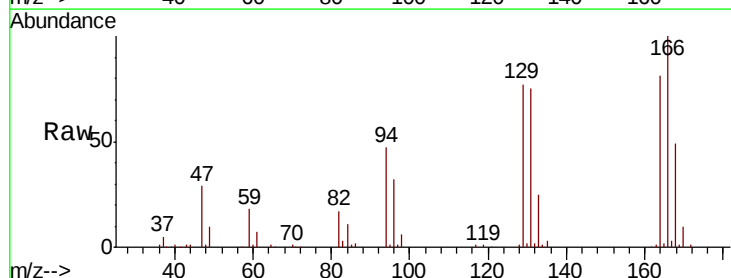
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

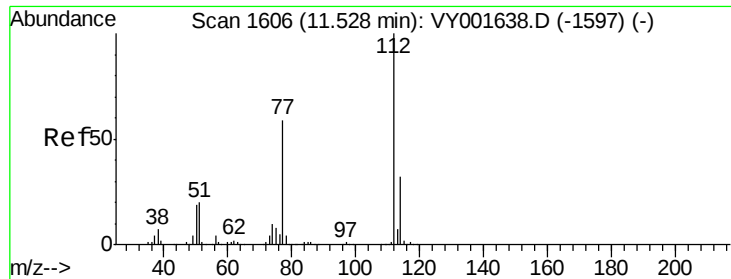
Tot Ion:117 Resp: 274599
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 21.346 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:164 Resp: 36796
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 94.5 78.7 118.1
131 92.8 76.0 114.0

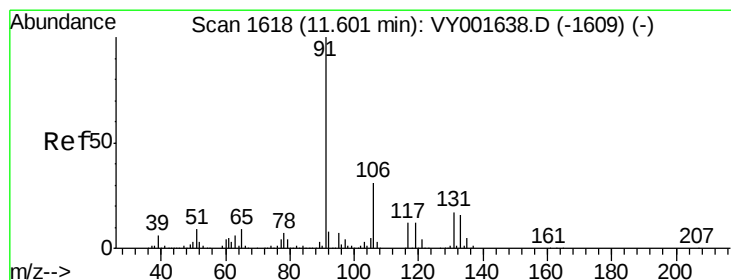
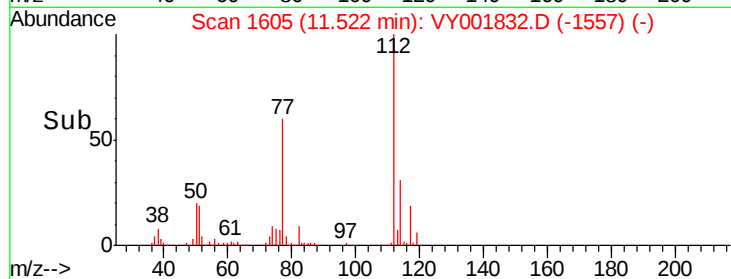
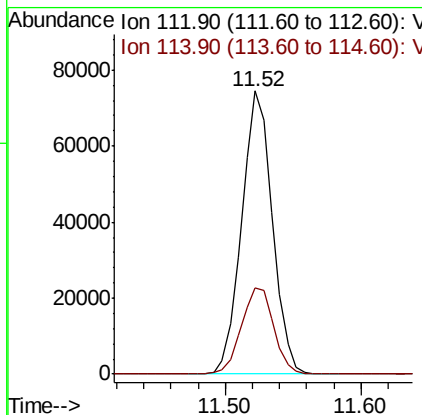
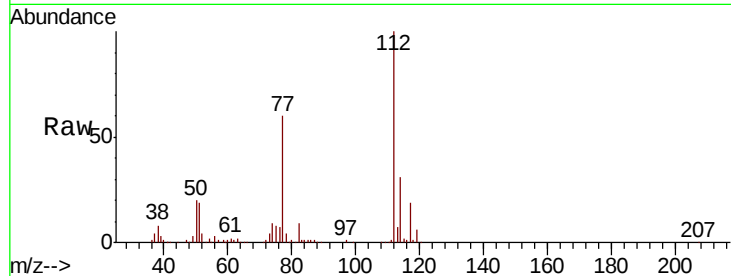




#65
Chlorobenzene
Concen: 21.374 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

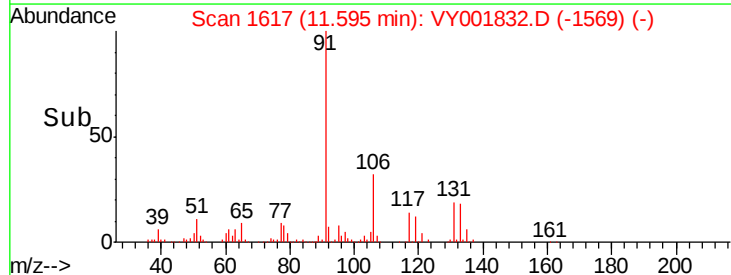
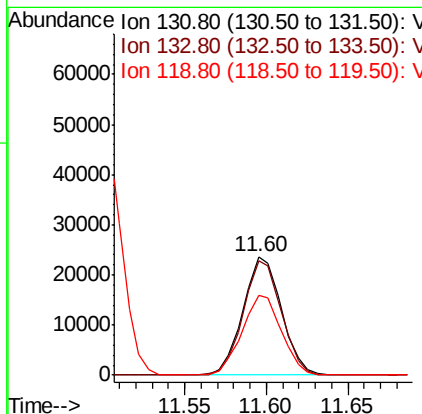
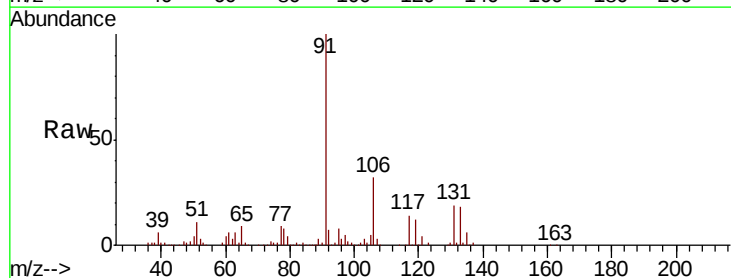
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

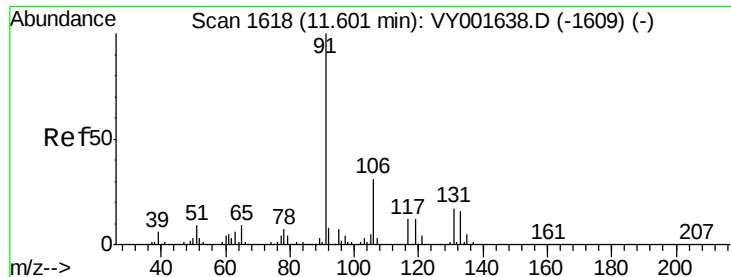
Tot Ion:112 Resp: 117180
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.017 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:131 Resp: 38868
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 69.0 34.4 103.1

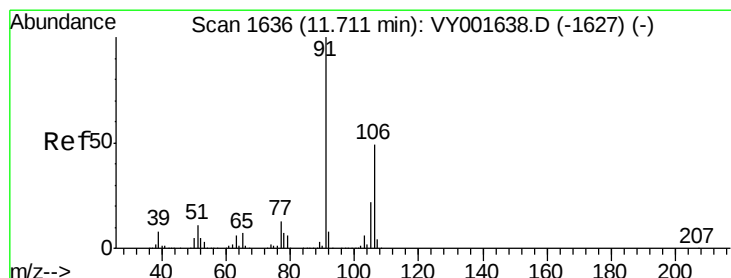
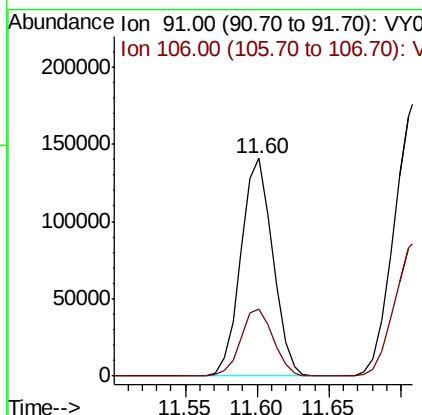
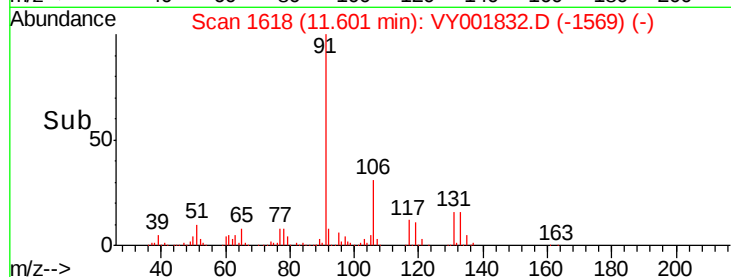
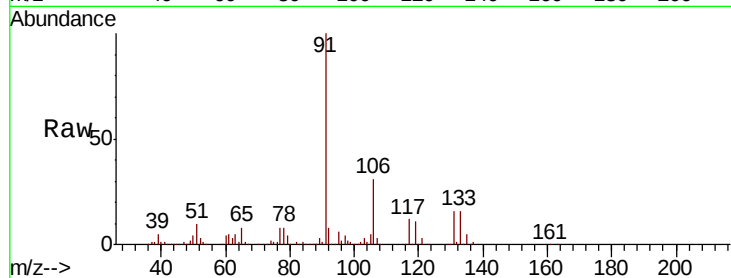




#67
Ethyl Benzene
Concen: 21.295 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

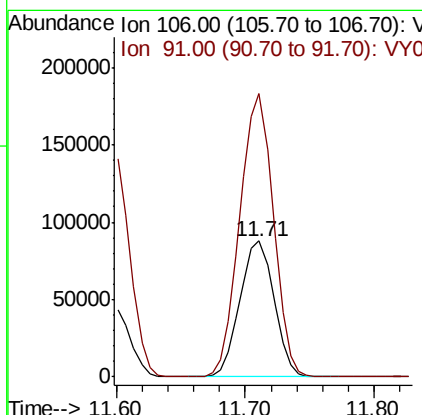
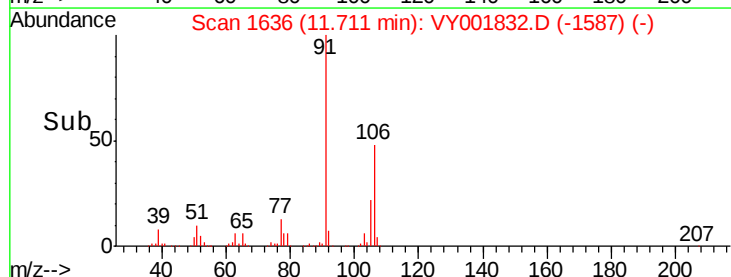
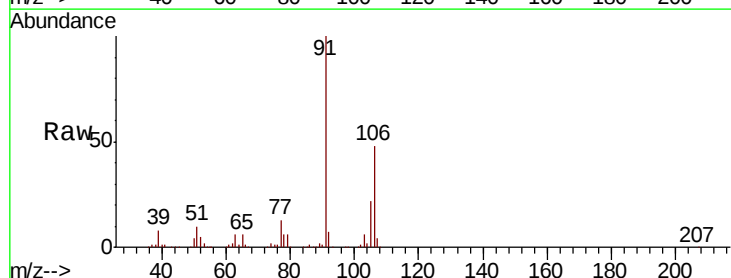
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

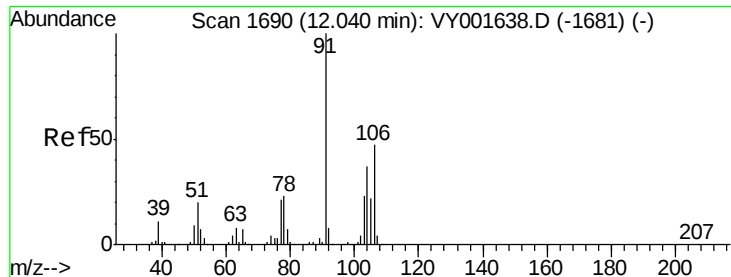
Tot Ion: 91 Resp: 216649
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 42.560 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 106 Resp: 161746
Ion Ratio Lower Upper
106 100
91 204.9 163.3 244.9

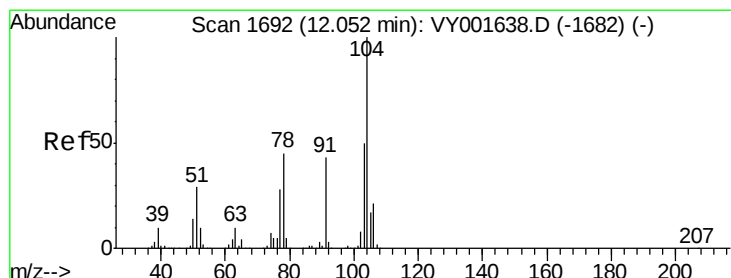
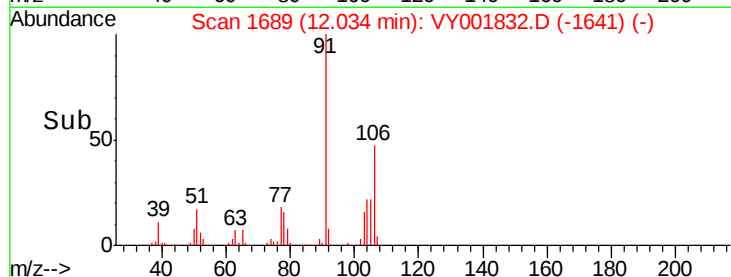
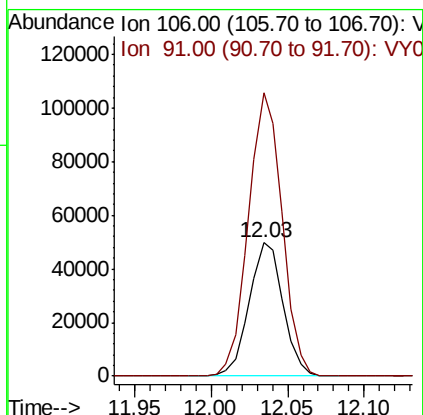
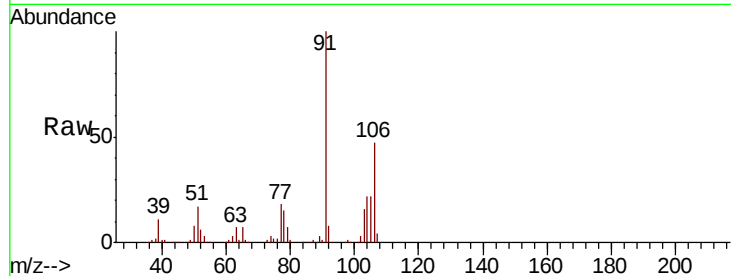




#69
o-Xylene
Concen: 21.204 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

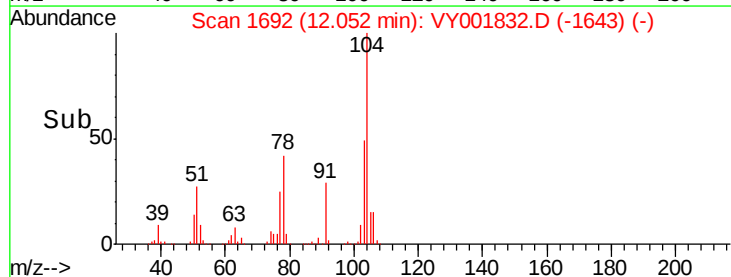
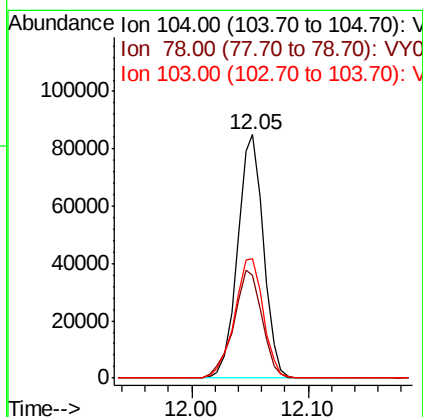
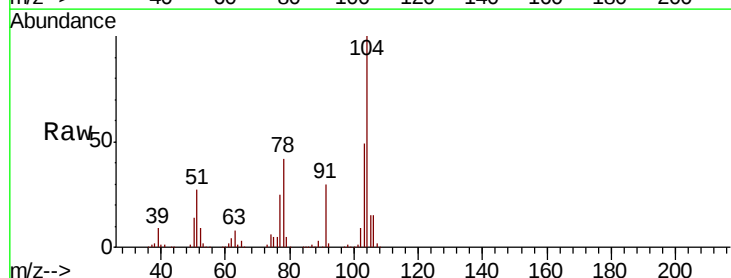
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

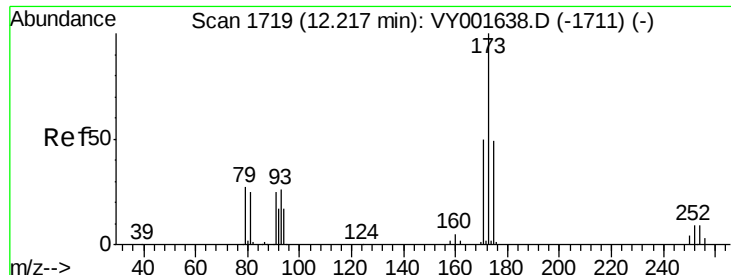
Tot Ion:106 Resp: 76610
Ion Ratio Lower Upper
106 100
91 211.7 108.3 324.9



#70
Styrene
Concen: 20.929 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:104 Resp: 131416
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 54.7 43.0 64.6

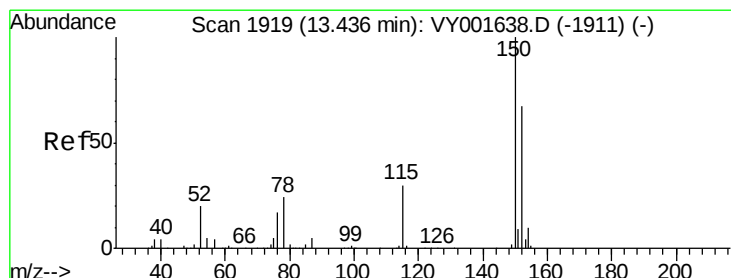
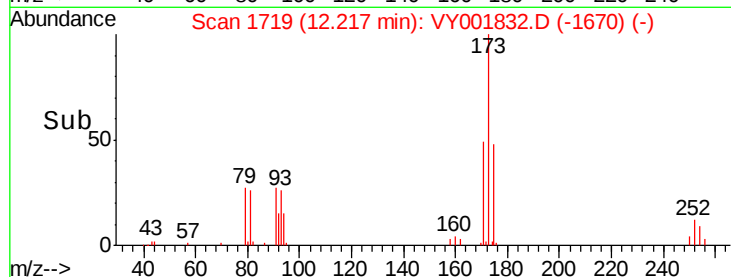
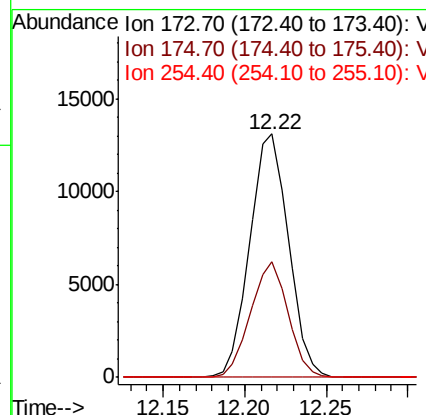
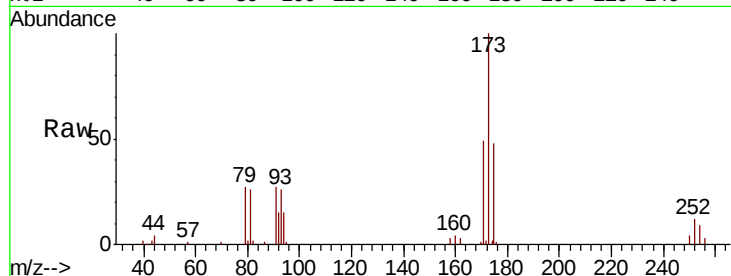




#71
Bromoform
Concen: 20.493 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

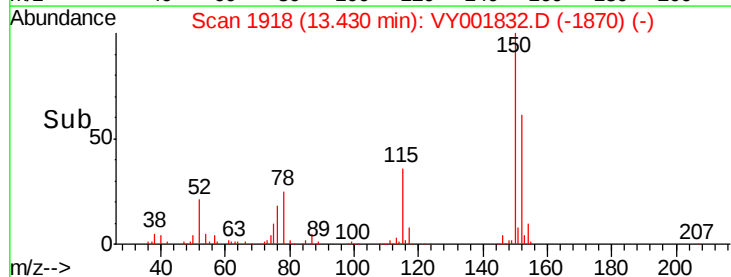
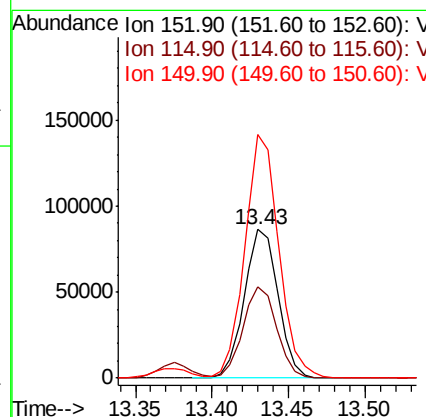
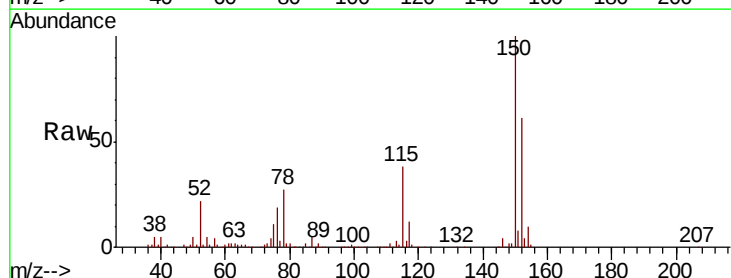
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD01

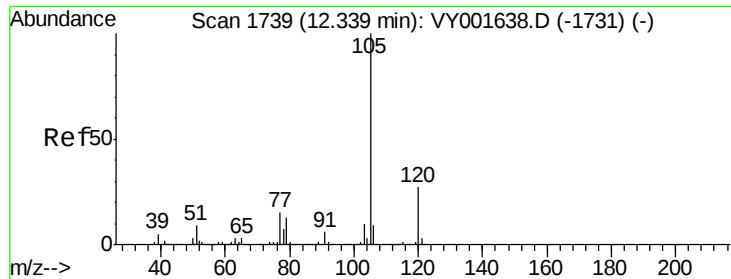
Tot Ion:173 Resp: 21659
Ion Ratio Lower Upper
173 100
175 45.8 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:152 Resp: 132535
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 164.3 0.0 407.2





#73

Isopropylbenzene

Concen: 20.351 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

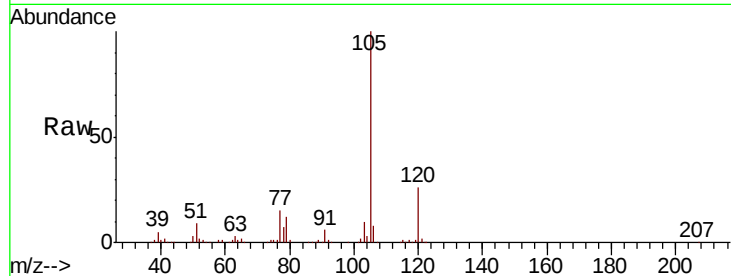
VY0303SBS01

Tot Ion:105 Resp: 205483

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

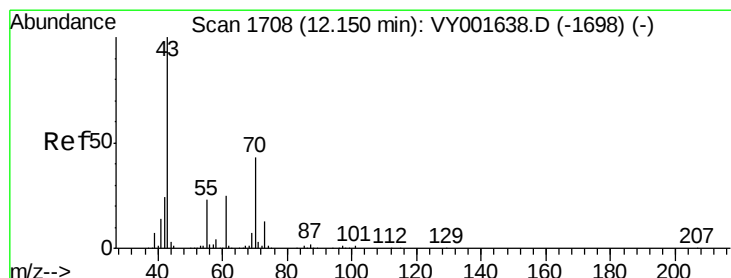
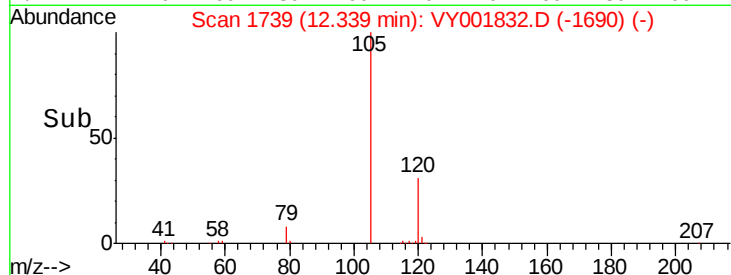
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.683 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion: 43 Resp: 66647

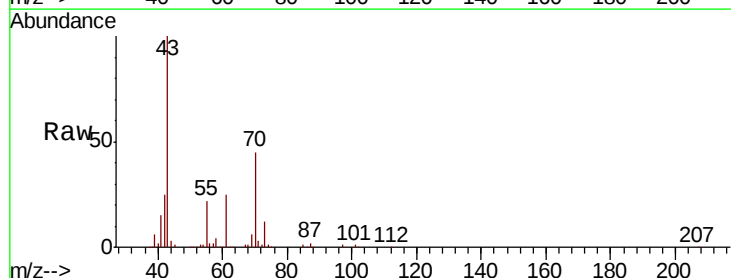
Ion Ratio Lower Upper

43 100

70 44.2 35.9 53.9

55 22.6 18.3 27.5

61 24.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

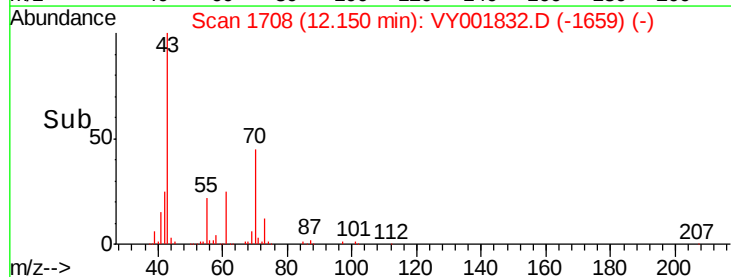
60000

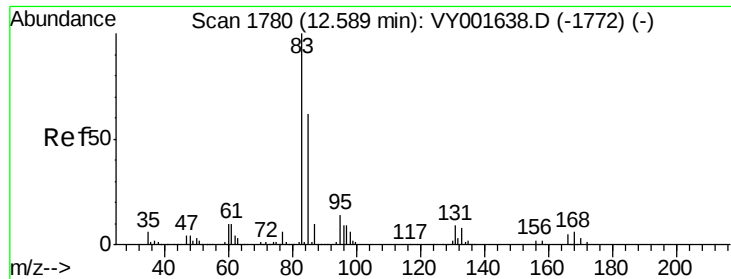
40000

20000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.033 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

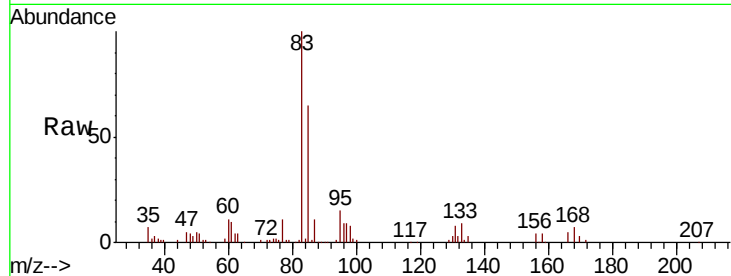
Tot Ion: 83 Resp: 45345

Ion Ratio Lower Upper

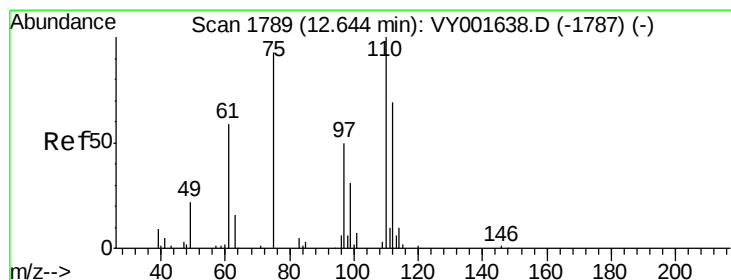
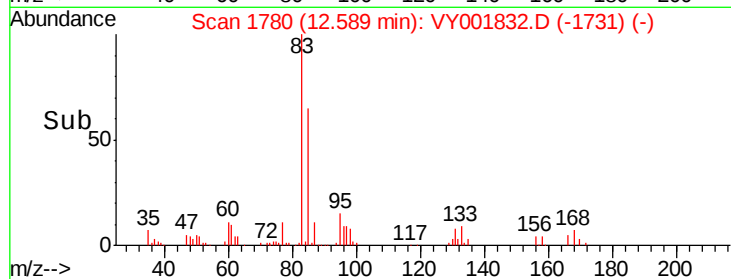
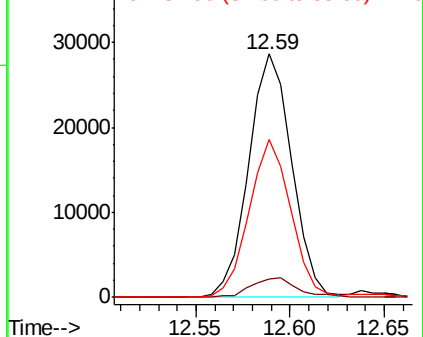
83 100

131 8.7 4.7 14.1

85 62.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.640 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001832.D

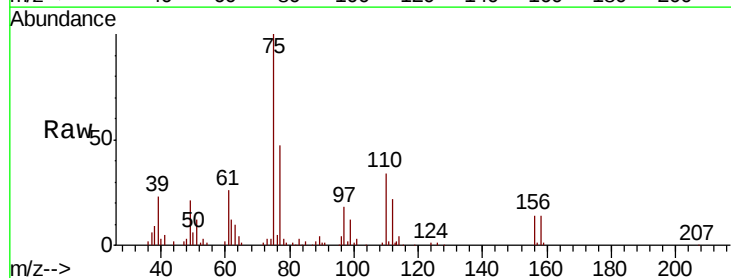
Acq: 03 Mar 2020 14:13

Tgt Ion: 75 Resp: 58746

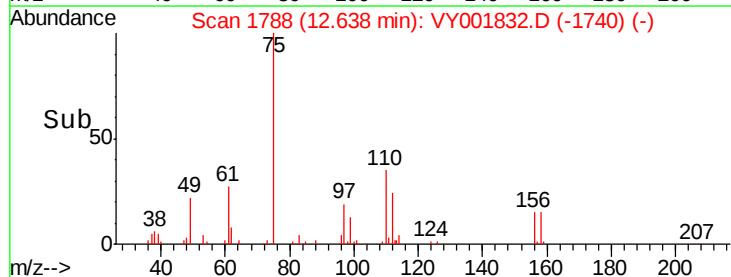
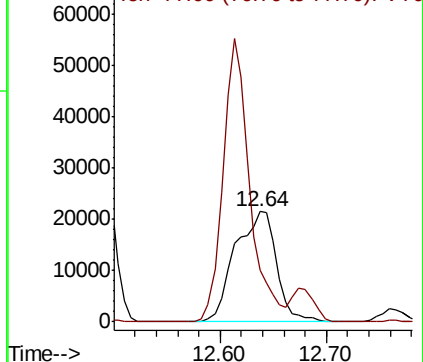
Ion Ratio Lower Upper

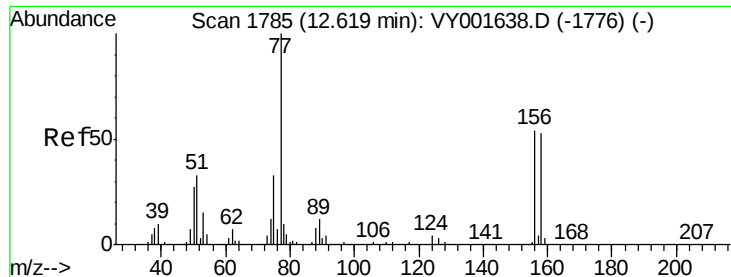
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.875 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

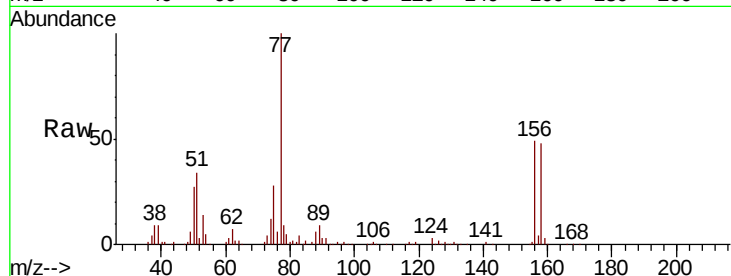
Tot Ion:156 Resp: 43502

Ion Ratio Lower Upper

156 100

77 222.4 110.1 330.1

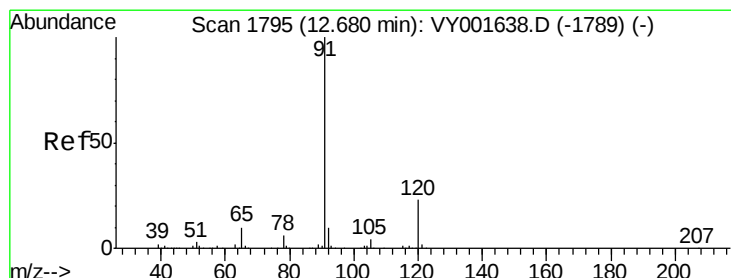
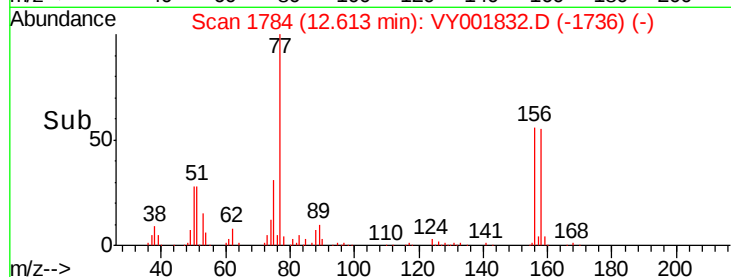
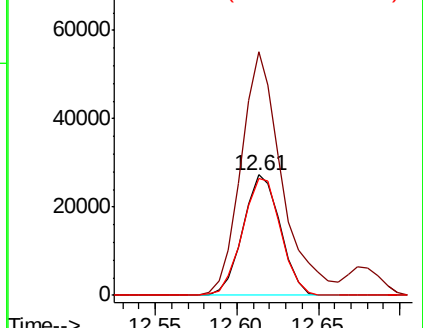
158 99.2 47.9 143.7



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: 21.070 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001832.D

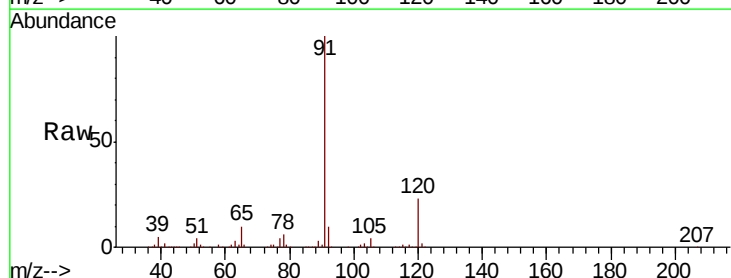
Acq: 03 Mar 2020 14:13

Tgt Ion: 91 Resp: 259093

Ion Ratio Lower Upper

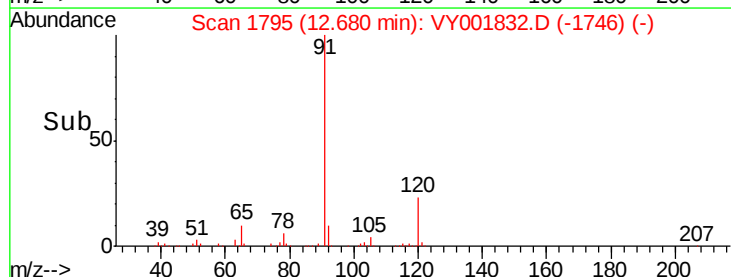
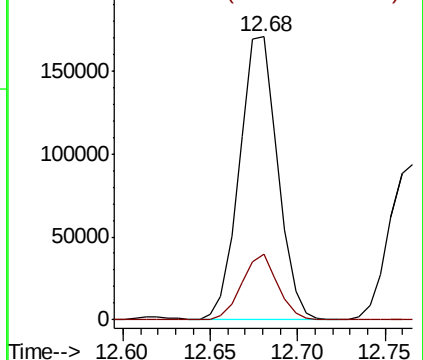
91 100

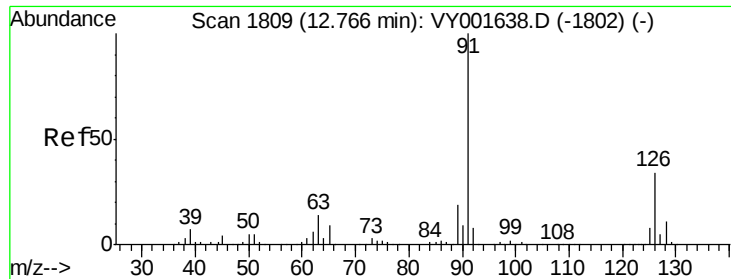
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

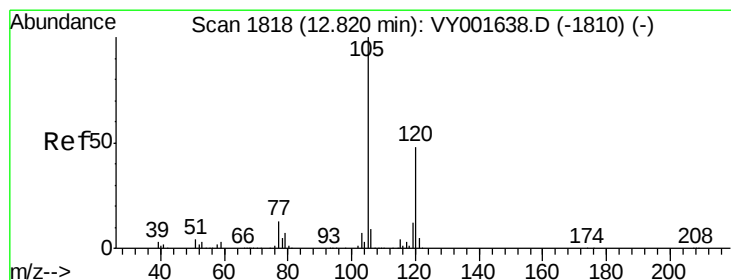
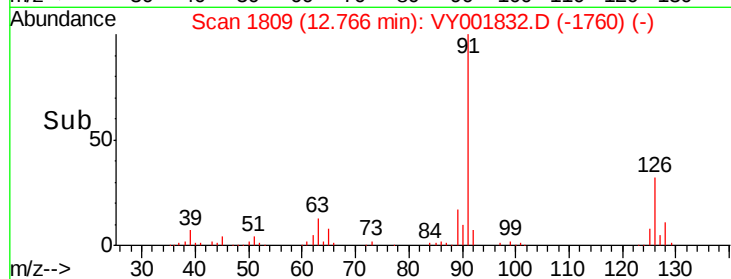
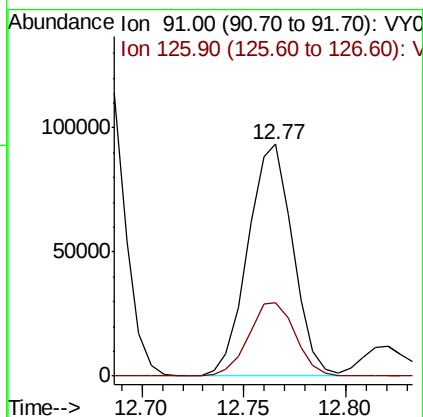
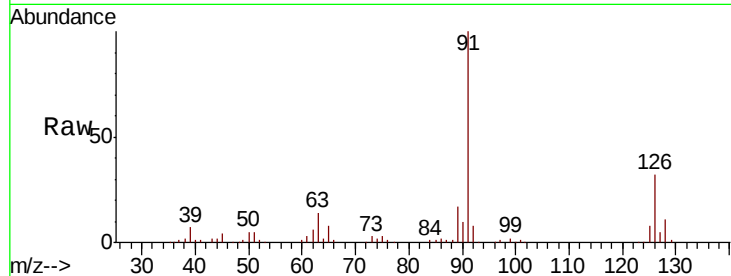




#79
 2-Chlorotoluene
 Concen: 20.816 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

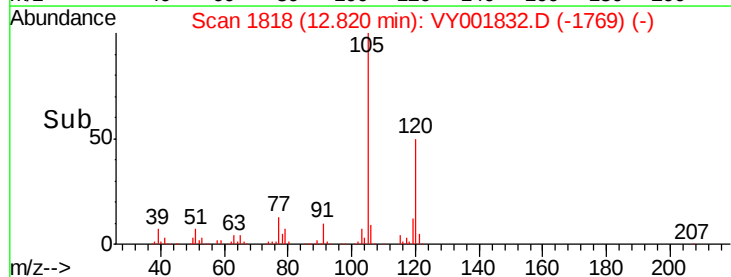
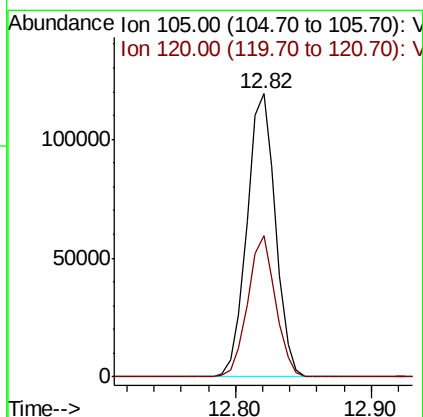
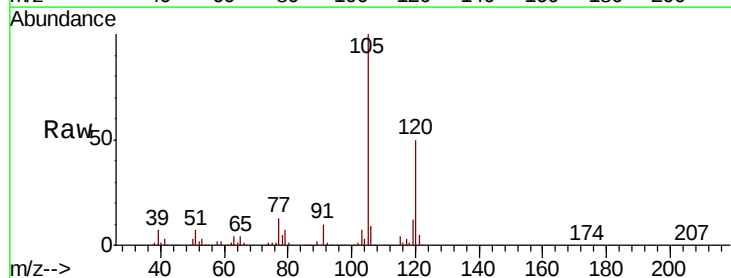
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

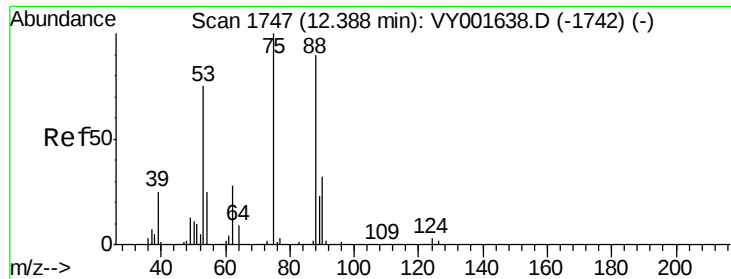
Tot Ion: 91 Resp: 143567
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.961 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 105 Resp: 175191
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.716 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

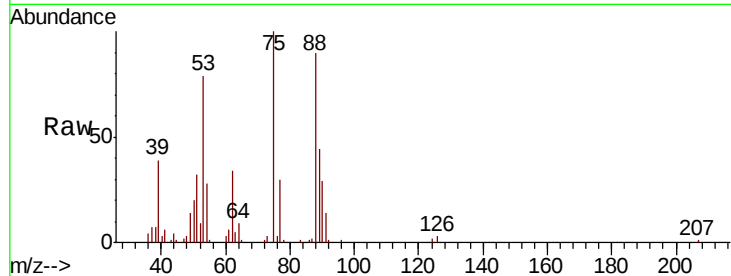
Tot Ion: 75 Resp: 15800

Ion Ratio Lower Upper

75 100

53 86.9 64.5 96.7

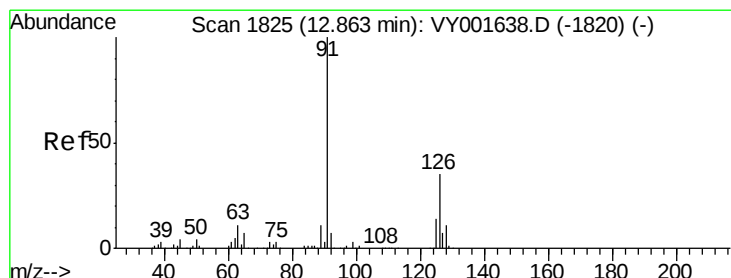
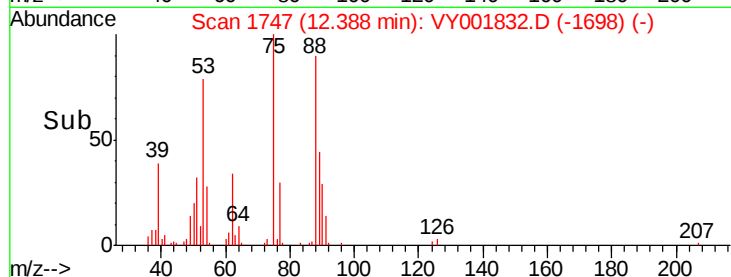
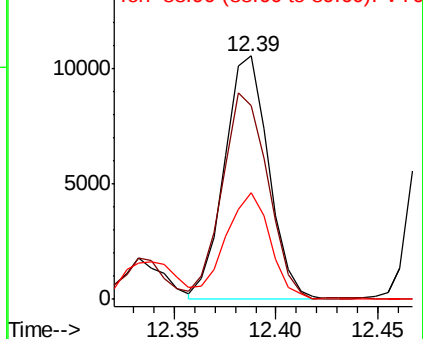
89 44.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY001832.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001832.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001832.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 20.749 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001832.D

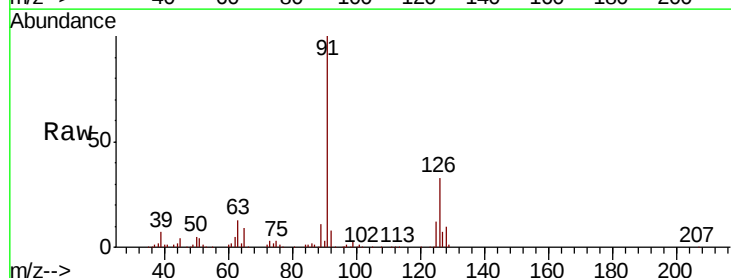
Acq: 03 Mar 2020 14:13

Tgt Ion: 91 Resp: 150928

Ion Ratio Lower Upper

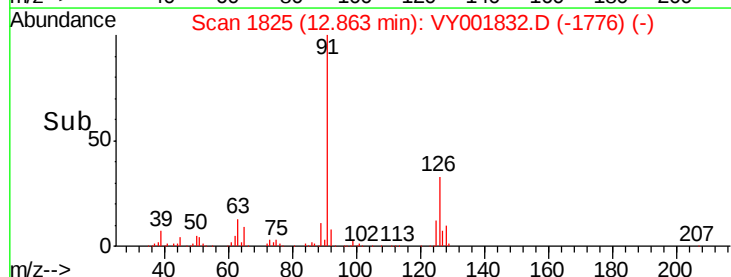
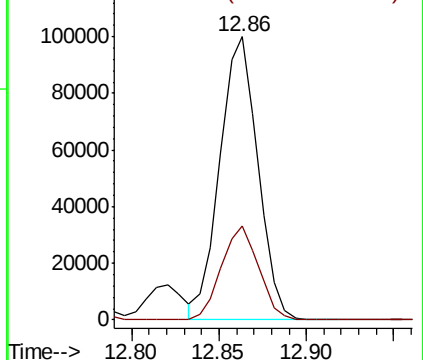
91 100

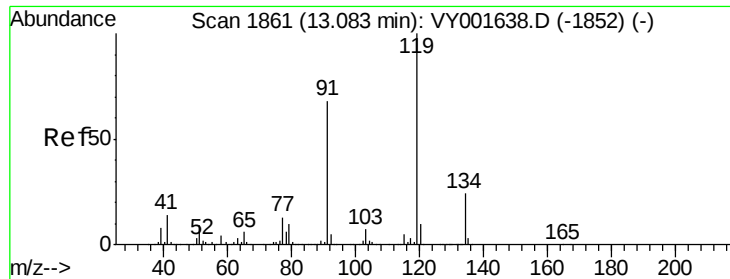
126 32.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY001832.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001832.D (-1776) (-)





#83

tert-Butylbenzene

Concen: 20.985 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

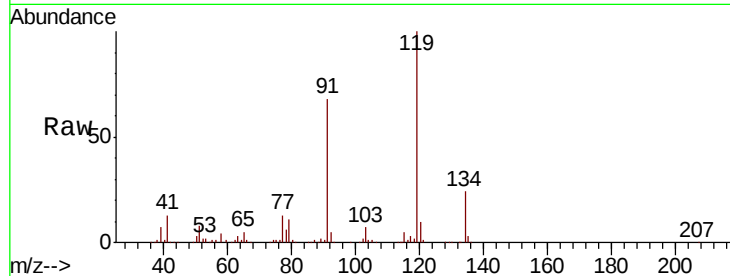
Tot Ion:119 Resp: 146688

Ion Ratio Lower Upper

119 100

91 66.1 33.5 100.5

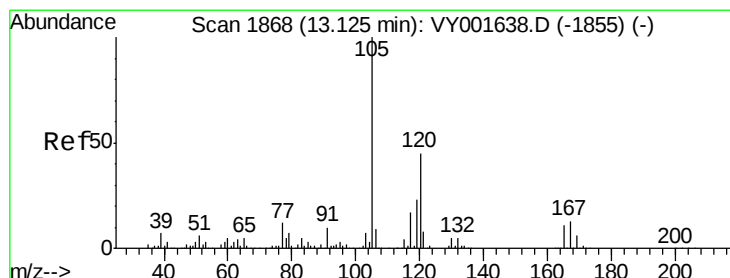
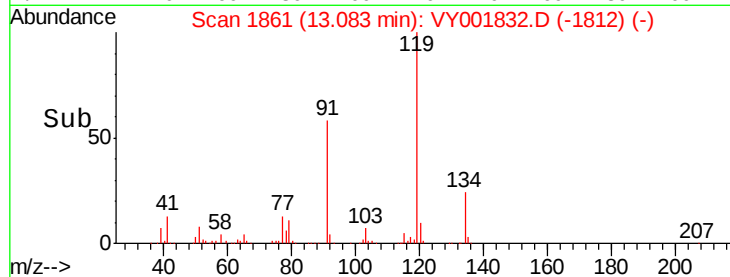
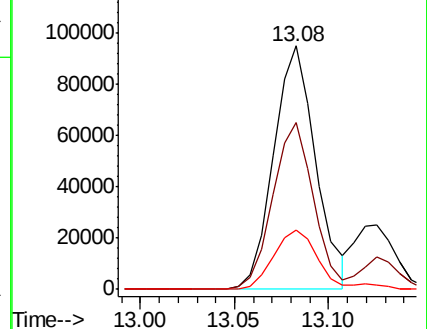
134 25.2 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.962 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY001832.D

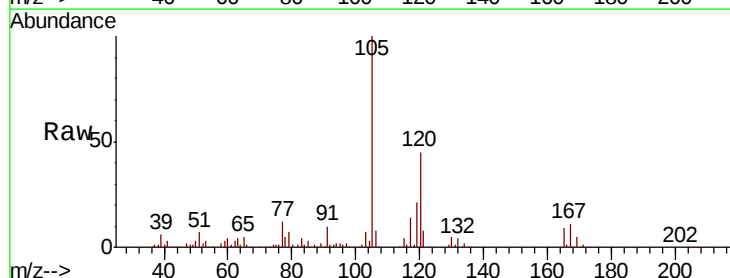
Acq: 03 Mar 2020 14:13

Tgt Ion:105 Resp: 174663

Ion Ratio Lower Upper

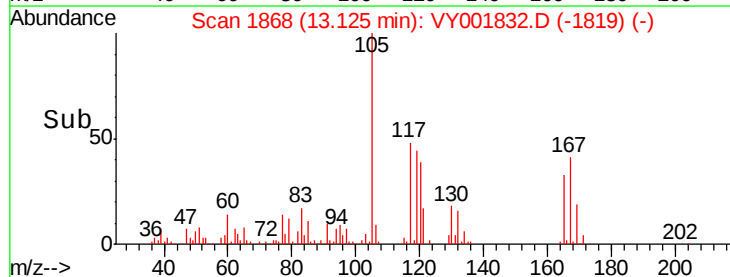
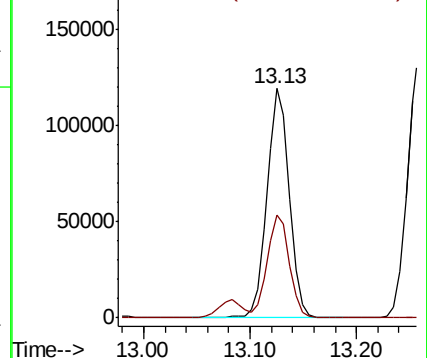
105 100

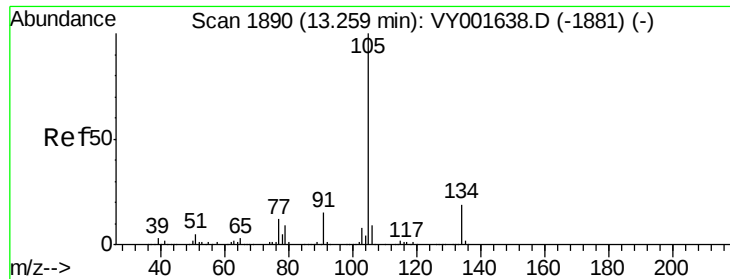
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.963 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

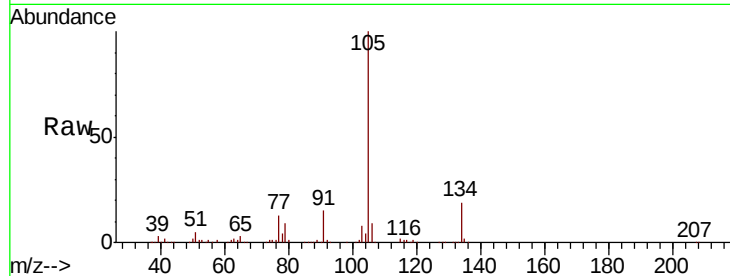
VY0303SBS01

Tot Ion:105 Resp: 215516

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

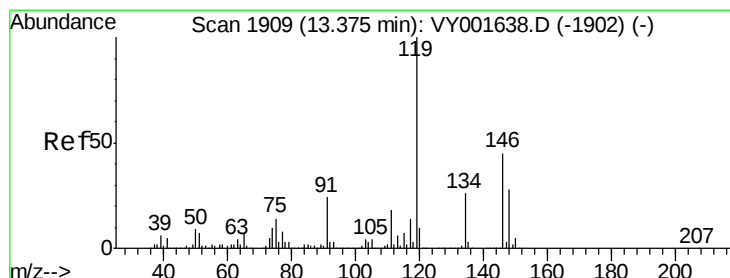
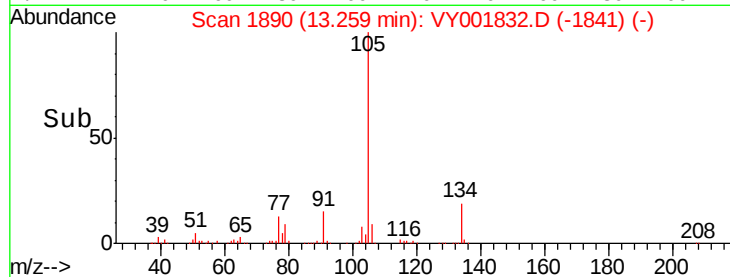
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.954 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

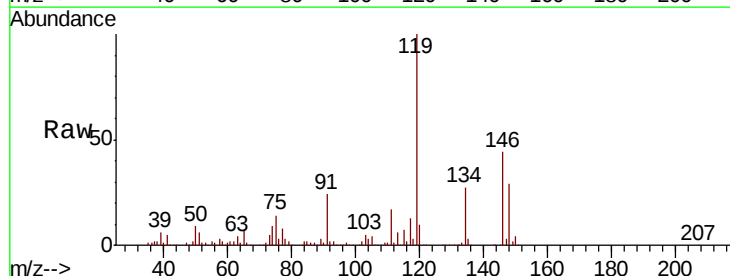
Tgt Ion:119 Resp: 187148

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.6 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

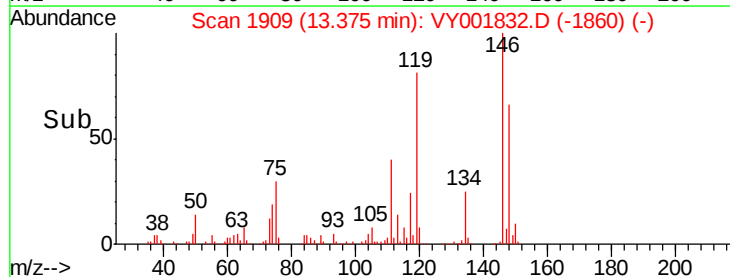
150000

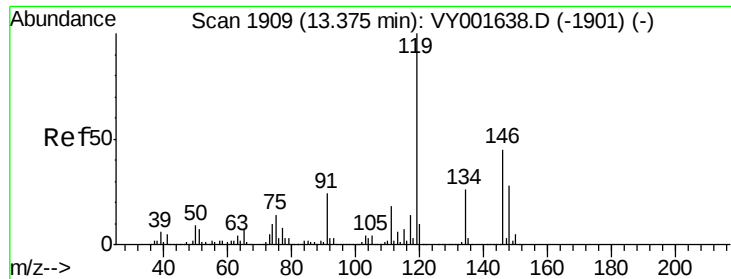
100000

50000

0

Time-->

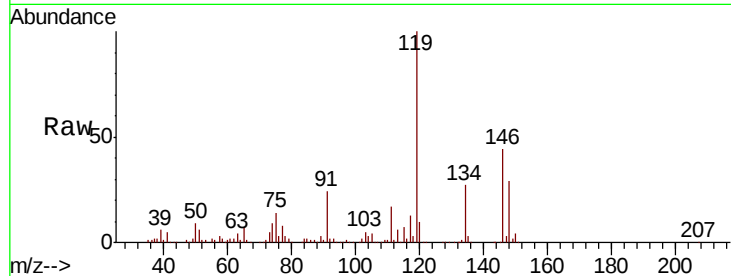




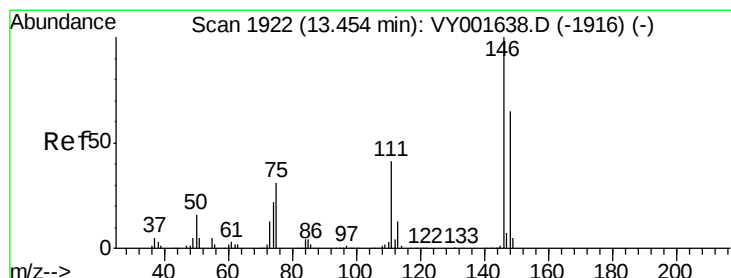
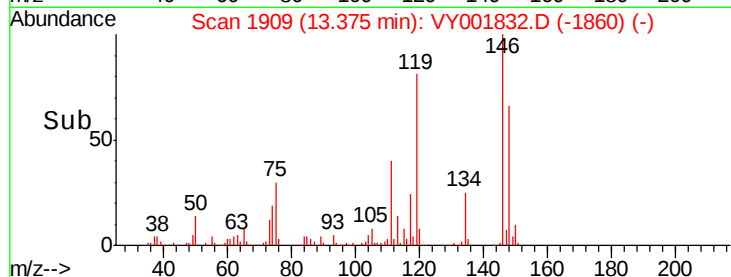
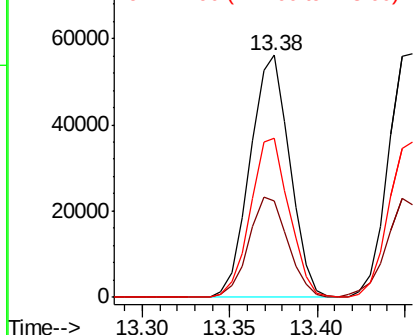
#87
 1,3-Dichlorobenzene
 Concen: 20.840 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion:146 Resp: 88464
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.4 64.3
 148 64.4 31.6 94.7

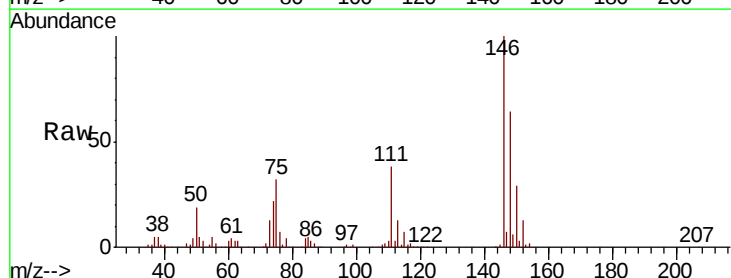


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

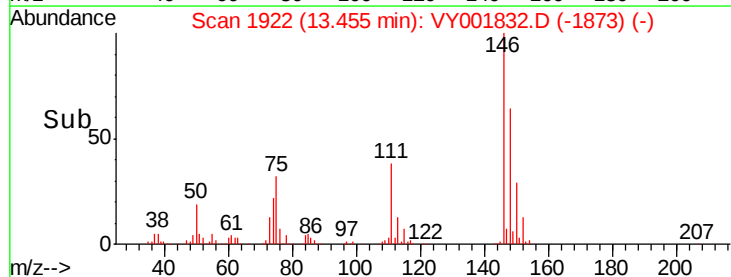
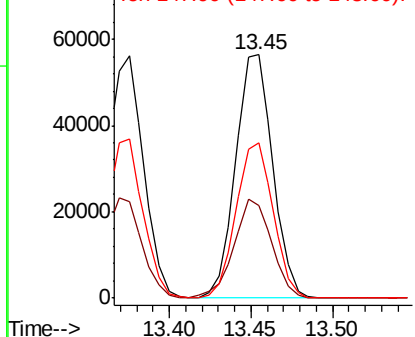


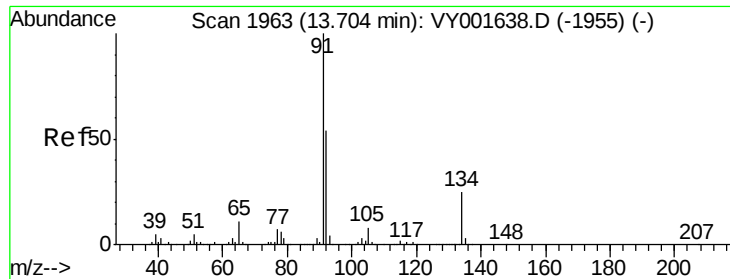
#88
 1,4-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion:146 Resp: 89488
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 63.8 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





#89

n-Butylbenzene

Concen: 21.109 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

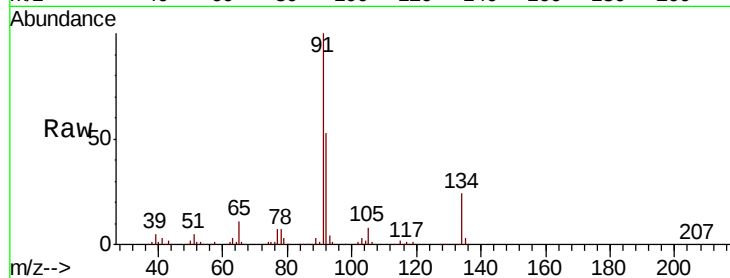
Tot Ion: 91 Resp: 192645

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

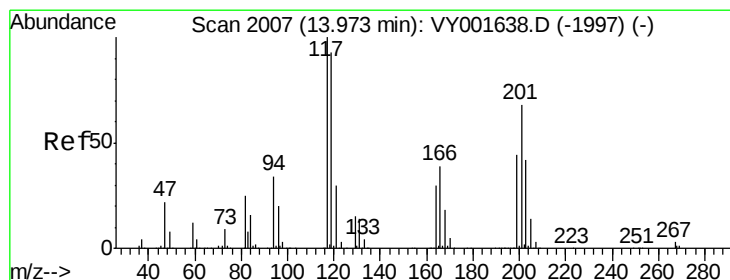
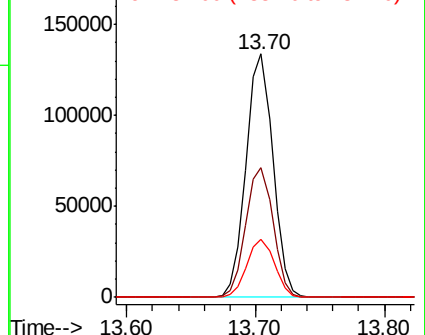
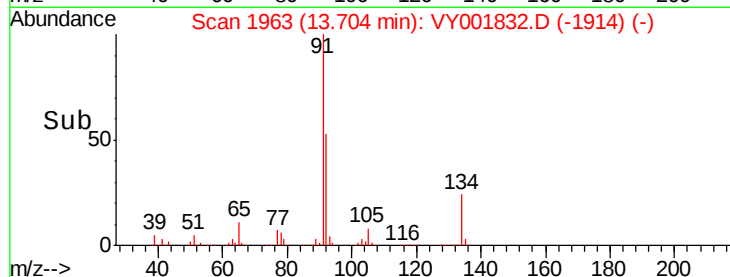
134 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY001832.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001832.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001832.D (-1914) (-)



#90

Hexachloroethane

Concen: 20.375 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001832.D

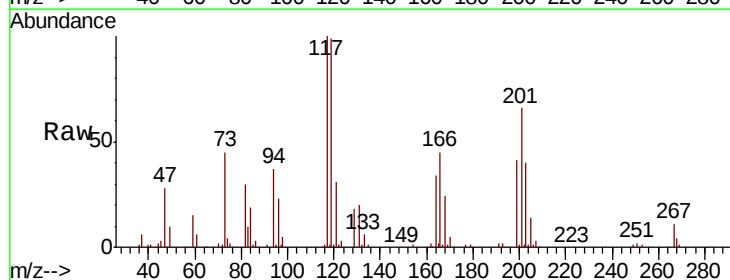
Acq: 03 Mar 2020 14:13

Tgt Ion: 117 Resp: 34286

Ion Ratio Lower Upper

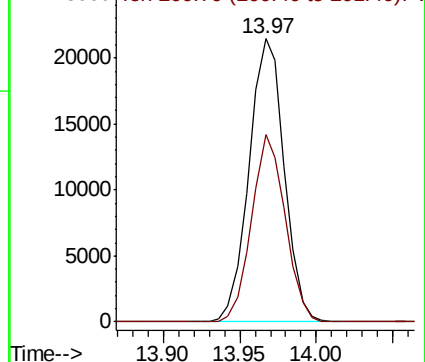
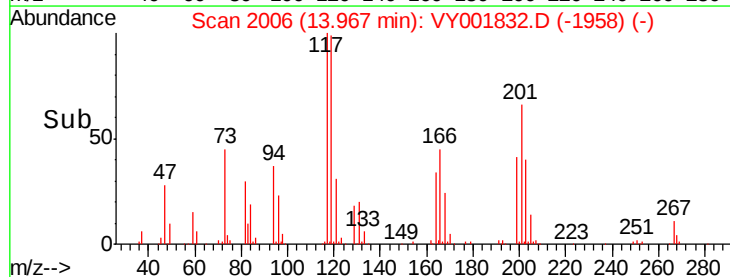
117 100

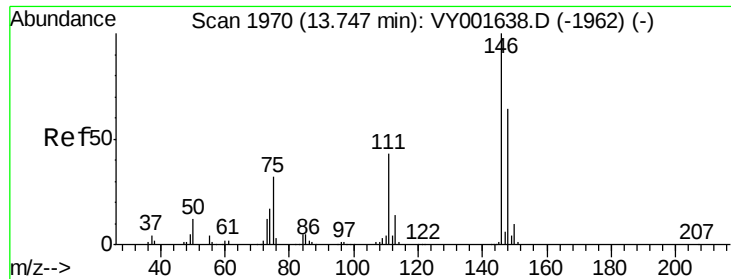
201 63.1 32.5 97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001832.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001832.D (-1958) (-)

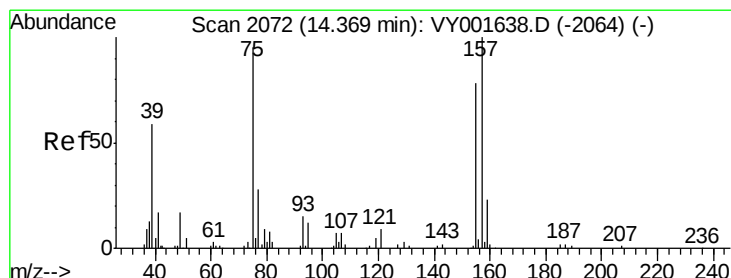
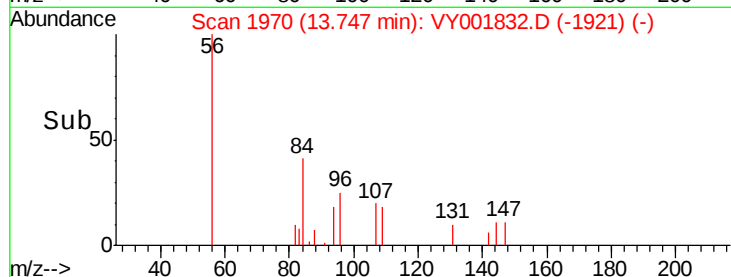
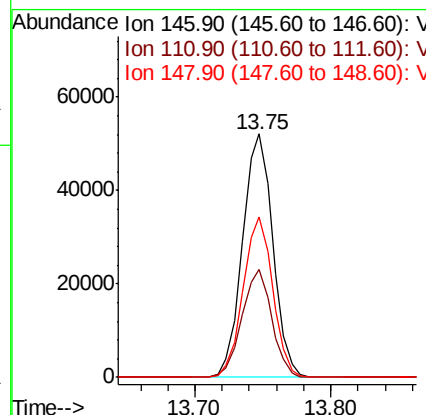
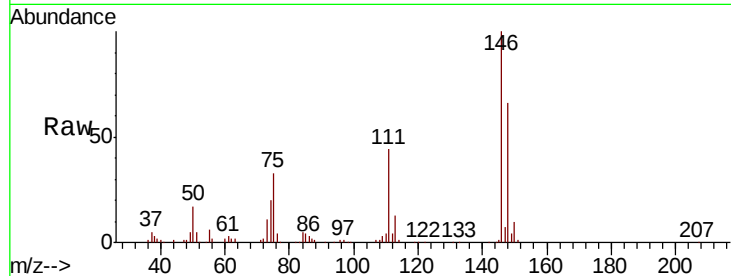




#91
 1,2-Dichlorobenzene
 Concen: 20.641 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

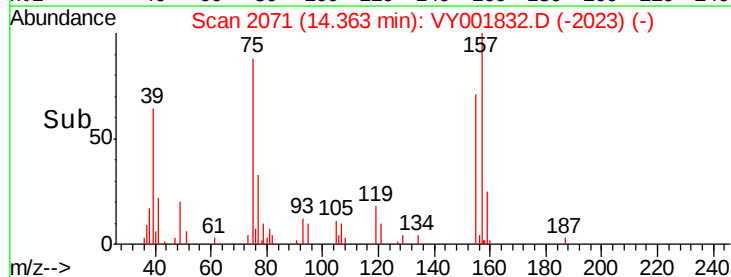
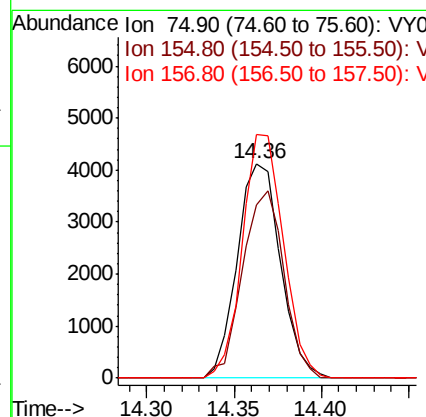
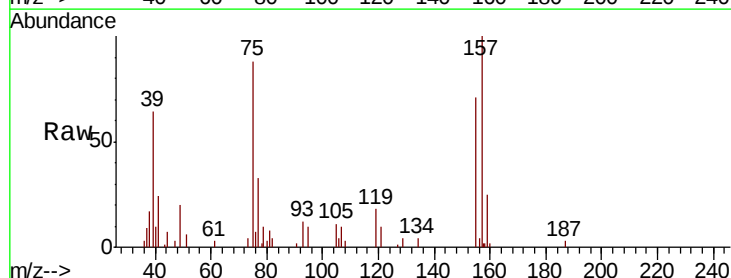
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

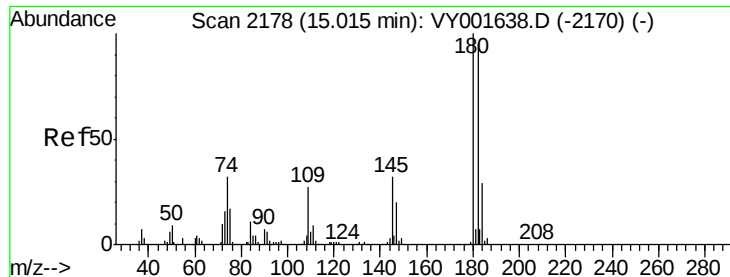
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	64.4	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.927 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	40.8	122.4
157	107.9	52.1	156.4

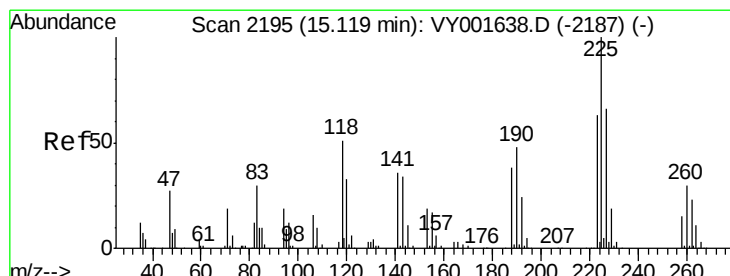
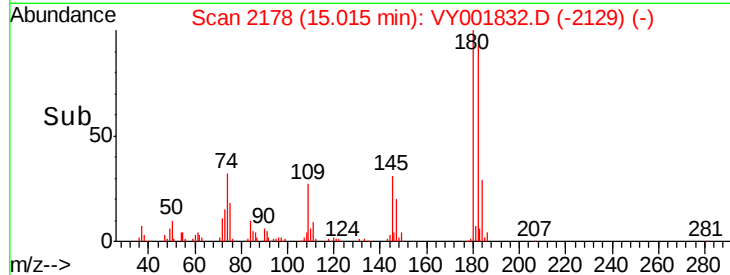
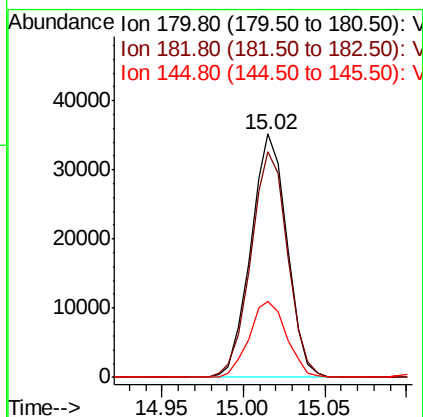
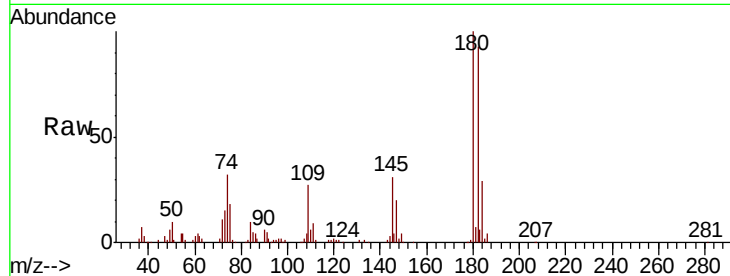




#93
 1,2,4-Trichlorobenzene
 Concen: 20.883 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

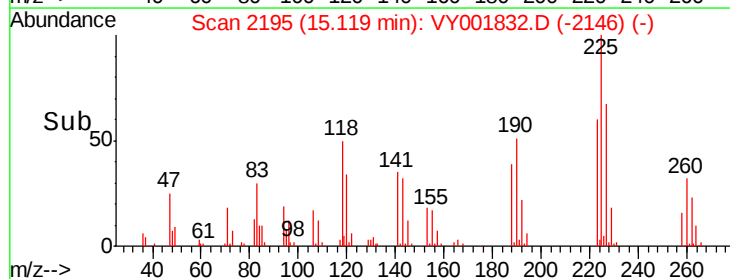
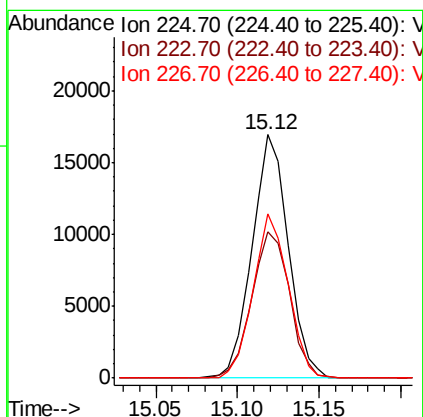
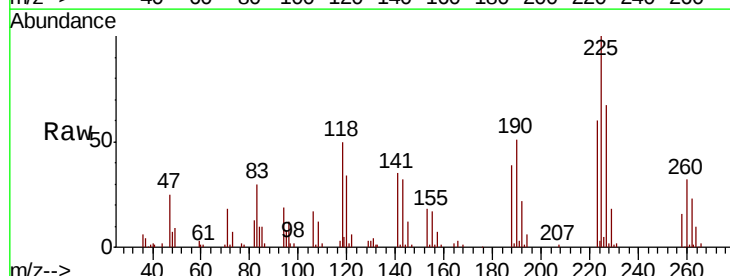
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

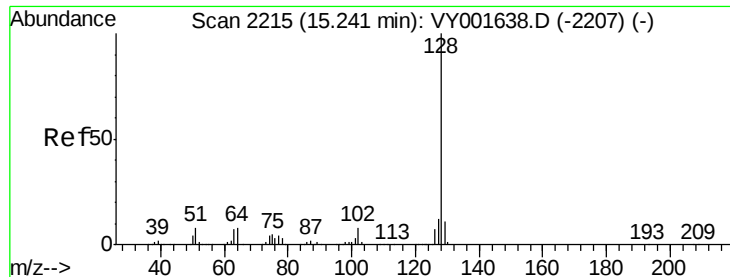
Tot Ion:180 Resp: 54214
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.8 140.3
 145 32.5 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 20.206 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion:225 Resp: 26087
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.4 94.0
 227 65.7 31.6 94.8

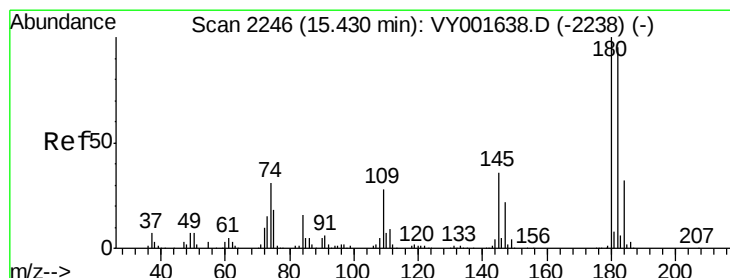
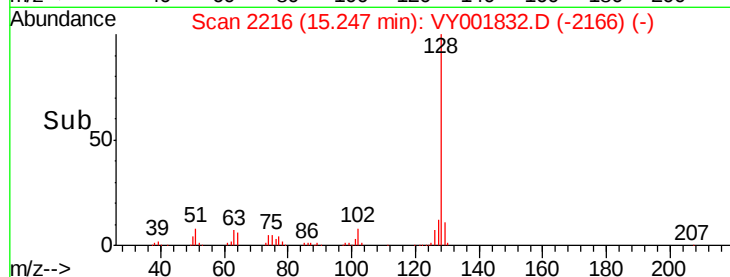
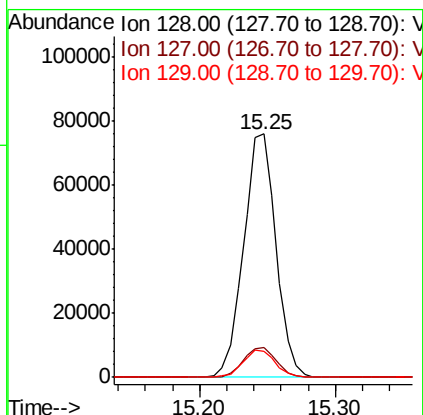
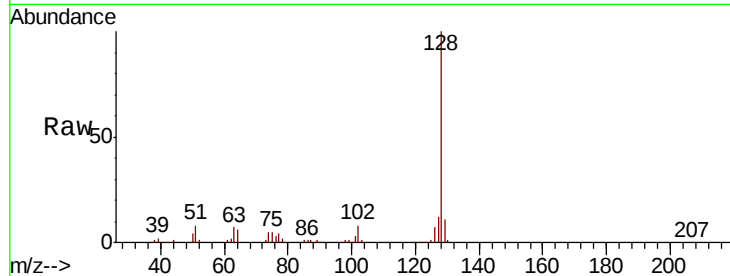




#95
Naphthalene
Concen: 21.096 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion:128 Resp: 126272
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.934 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:180 Resp: 47811
Ion Ratio Lower Upper
180 100
182 93.6 47.2 141.6
145 33.6 17.3 52.0

