

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000896.D
 Acq On : 06 Dec 2019 13:12
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 17:22:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	332544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	519241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	175102	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	7.72	113	171377	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
50) Toluene-d8	10.17	98	717066	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.48	95	244520	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	69136	19.313	ug/l	99
3) Chloromethane	2.11	50	85740	19.431	ug/l	98
4) Vinyl Chloride	2.25	62	86296	19.843	ug/l	97
5) Bromomethane	2.65	94	41999	14.613	ug/l	94
6) Chloroethane	2.79	64	46243	17.343	ug/l	96
7) Trichlorofluoromethane	3.12	101	125413	21.043	ug/l	92
8) Diethyl Ether	3.54	74	46481	20.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.89	101	79479	21.595	ug/l	98
10) Methyl Iodide	4.10	142	96832	20.896	ug/l	99
11) Tert butyl alcohol	5.00	59	14114	39.701	ug/l #	94
12) 1,1-Dichloroethene	3.87	96	78109	21.422	ug/l	92
13) Acrolein	3.74	56	34941	99.776	ug/l	100
14) Allyl chloride	4.48	41	129792	20.760	ug/l	98
15) Acrylonitrile	5.18	53	112411	97.047	ug/l	98
16) Acetone	3.97	43	76341	94.179	ug/l	99
17) Carbon Disulfide	4.19	76	240445	20.389	ug/l	96
18) Methyl Acetate	4.49	43	61991	18.290	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	201079	20.650	ug/l	98
20) Methylene Chloride	4.72	84	102252	23.931	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	87648	21.149	ug/l	95
22) Diisopropyl ether	6.13	45	264118	20.554	ug/l	99
23) Vinyl Acetate	6.07	43	812453	104.004	ug/l	99
24) 1,1-Dichloroethane	6.02	63	148387	20.952	ug/l	98
25) 2-Butanone	7.00	43	139541	93.190	ug/l	98
26) 2,2-Dichloropropane	6.98	77	123711	20.754	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	94227	21.034	ug/l	98
28) Bromochloromethane	7.34	49	33194	14.283	ug/l	95
29) Tetrahydrofuran	7.36	42	94173	94.909	ug/l	99
30) Chloroform	7.51	83	139705	19.664	ug/l	92
31) Cyclohexane	7.78	56	157488	20.991	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	122753	20.924	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122724	21.074	ug/l	98
37) Ethyl Acetate	7.08	43	64624	19.219	ug/l	98
38) Carbon Tetrachloride	7.90	117	105072	20.260	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	155773	20.190	ug/l	96
40) Benzene	8.16	78	357580	21.081	ug/l	99
41) Methacrylonitrile	7.32	41	35966	20.294	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	89449	20.052	ug/l	100
43) Isopropyl Acetate	8.28	43	120910	19.081	ug/l	99
44) Trichloroethene	8.94	130	92149	21.138	ug/l	89
45) 1,2-Dichloropropane	9.22	63	88296	20.723	ug/l	98
46) Dibromomethane	9.31	93	45993	20.660	ug/l	98
47) Bromodichloromethane	9.50	83	105573	20.187	ug/l	98
48) Methyl methacrylate	9.30	41	53382	19.158	ug/l	95
49) 1,4-Dioxane	9.33	88	11727	371.776	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	317417	96.952	ug/l	100
52) Toluene	10.24	92	225147	21.438	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	115320	20.525	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	139084	20.943	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	68830	20.927	ug/l	99
56) Ethyl methacrylate	10.51	69	96197	20.445	ug/l	99
57) 1,3-Dichloropropane	10.79	76	118583	20.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	194255	102.394	ug/l	100
59) 2-Hexanone	10.83	43	216333	90.681	ug/l	99
60) Dibromochloromethane	10.98	129	71291	20.135	ug/l	98
61) 1,2-Dibromoethane	11.09	107	63086	20.352	ug/l	100
64) Tetrachloroethene	10.72	164	98420	21.816	ug/l	93
65) Chlorobenzene	11.51	112	227201	21.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	76019	20.900	ug/l	98
67) Ethyl Benzene	11.59	91	422872	21.037	ug/l	100
68) m/p-Xylenes	11.70	106	316373	41.932	ug/l	100
69) o-Xylene	12.02	106	148612	21.125	ug/l	99
70) Styrene	12.04	104	249518	20.714	ug/l	99
71) Bromoform	12.20	173	40779	19.878	ug/l #	99
73) Isopropylbenzene	12.33	105	396735	20.403	ug/l	100
74) N-amyl acetate	12.14	43	104615	19.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	74172	19.359	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	105602	38.166	ug/l #	100
77) Bromobenzene	12.61	156	86973	20.634	ug/l	99
78) n-propylbenzene	12.67	91	493502	20.786	ug/l	99
79) 2-Chlorotoluene	12.75	91	266296	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	331883	20.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26827	19.045	ug/l	97
82) 4-Chlorotoluene	12.85	91	282635	20.915	ug/l	97
83) tert-Butylbenzene	13.07	119	271339	20.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	330117	20.494	ug/l	99
85) sec-Butylbenzene	13.25	105	406232	20.636	ug/l	99
86) p-Isopropyltoluene	13.36	119	354467	20.702	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	172084	20.812	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	170965	20.882	ug/l	99
89) n-Butylbenzene	13.69	91	361466	20.880	ug/l	99
90) Hexachloroethane	13.95	117	65303	20.704	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	154135	20.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12853	20.038	ug/l	96

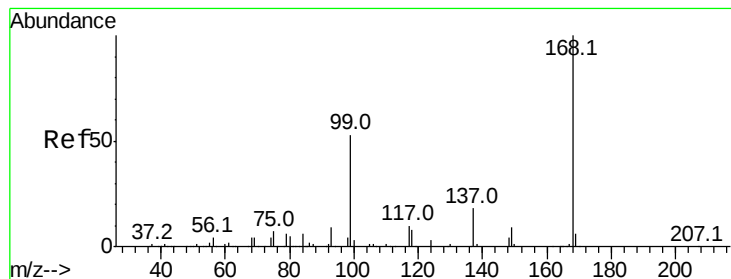
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
Data File : VY000896.D
Acq On : 06 Dec 2019 13:12
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Quant Time: Dec 06 17:22:18 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106982	21.257	ug/l	98
94) Hexachlorobutadiene	15.11	225	52252	20.941	ug/l	97
95) Naphthalene	15.23	128	244906	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	92762	20.635	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

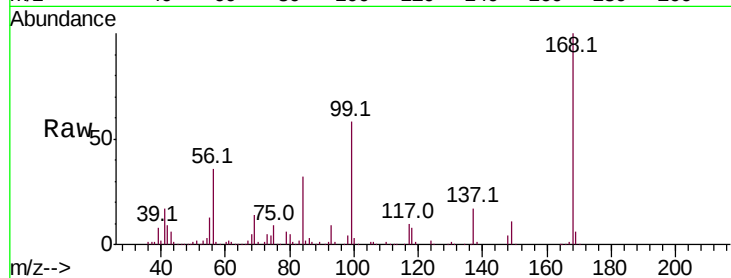
ClientSampleId :

Tot Ion:168 Resp: 332544

Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000896.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000896.D (-946) (-)

7.80

150000

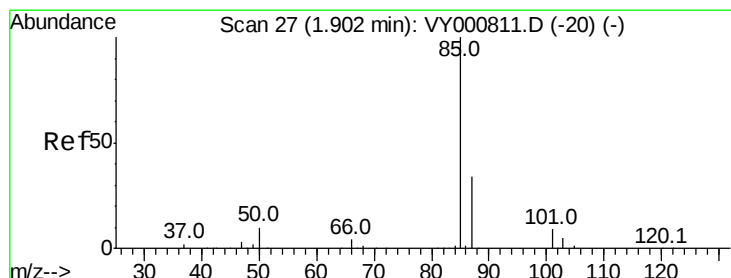
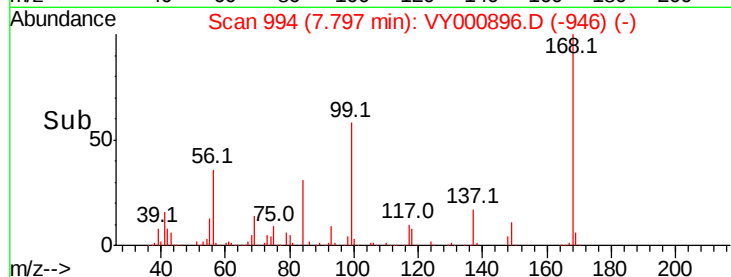
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.313 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000896.D

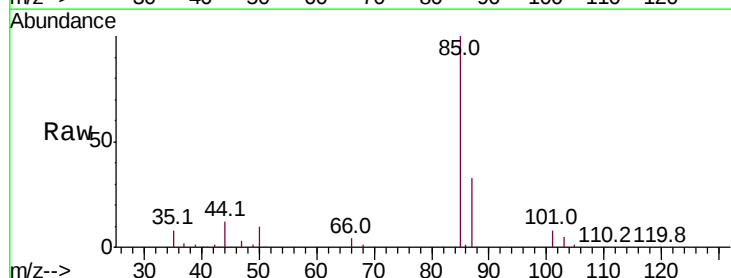
Acq: 06 Dec 2019 13:12

Tgt Ion: 85 Resp: 69136

Ion Ratio Lower Upper

85 100

87 33.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000896.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000896.D (-1) (-)

1.90

50000

40000

30000

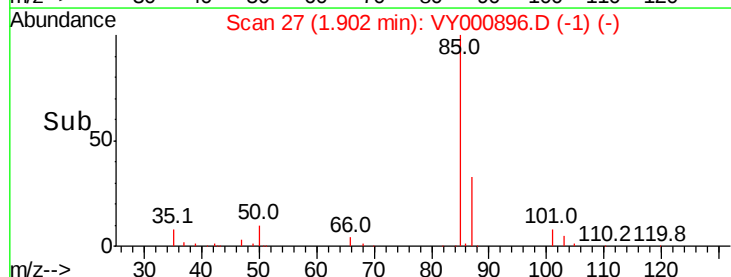
20000

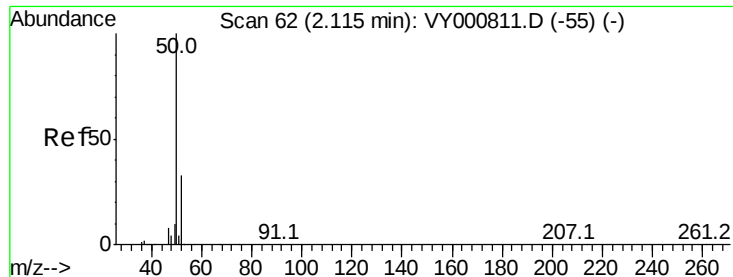
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.431 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

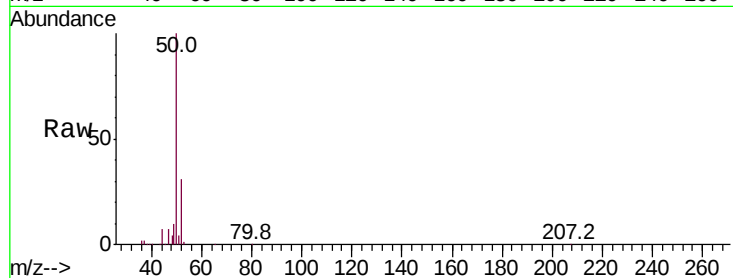
ClientSampled :

Tot Ion: 50 Resp: 85740

Ion Ratio Lower Upper

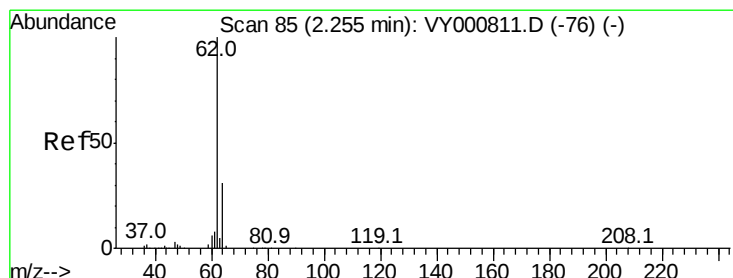
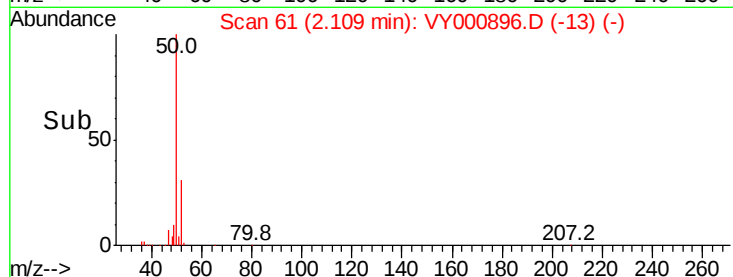
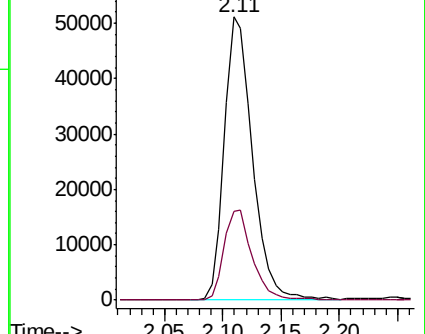
50 100

52 31.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.843 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000896.D

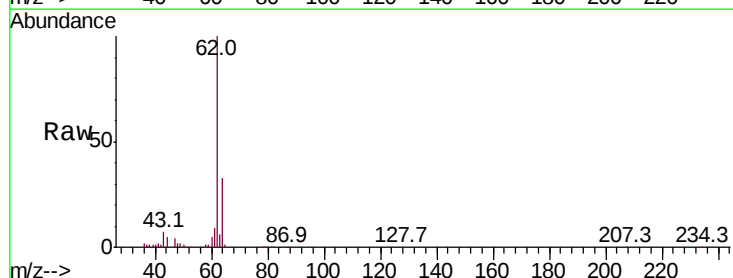
Acq: 06 Dec 2019 13:12

Tgt Ion: 62 Resp: 86296

Ion Ratio Lower Upper

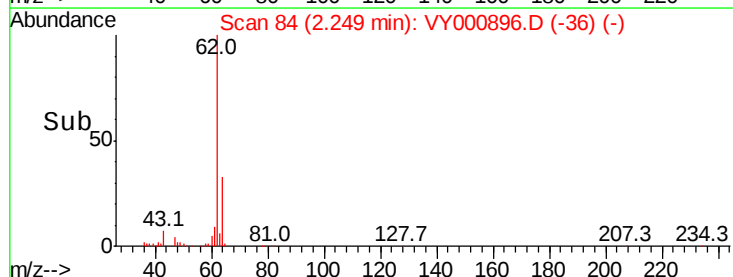
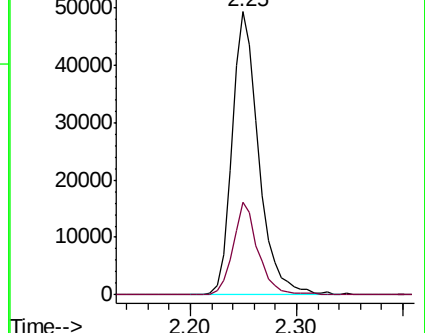
62 100

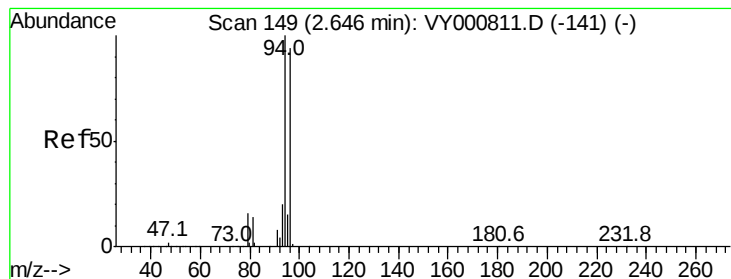
64 32.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 14.613 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

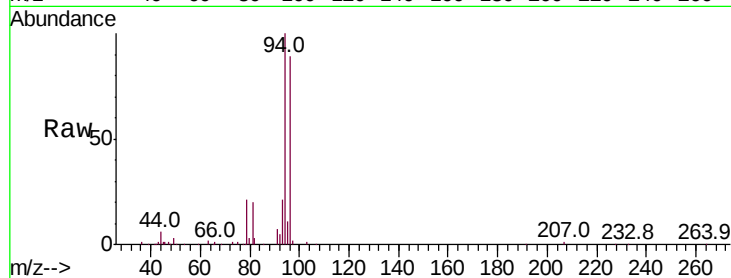
ClientSampled :

Tot Ion: 94 Resp: 41999

Ion Ratio Lower Upper

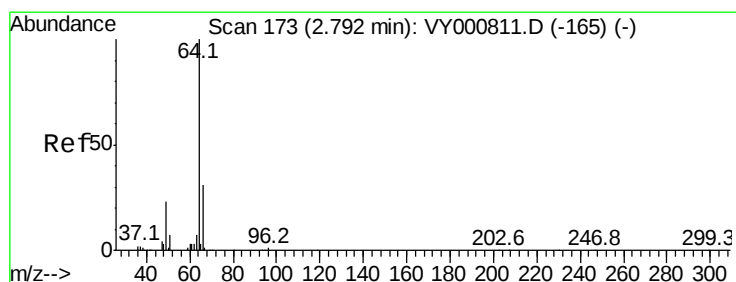
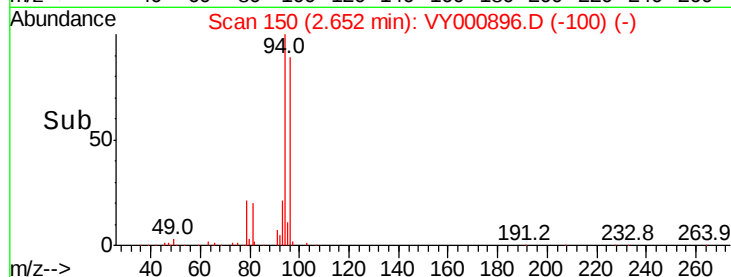
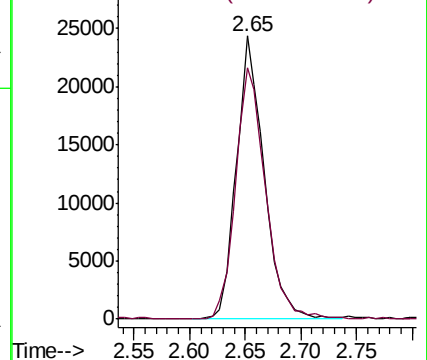
94 100

96 88.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.343 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000896.D

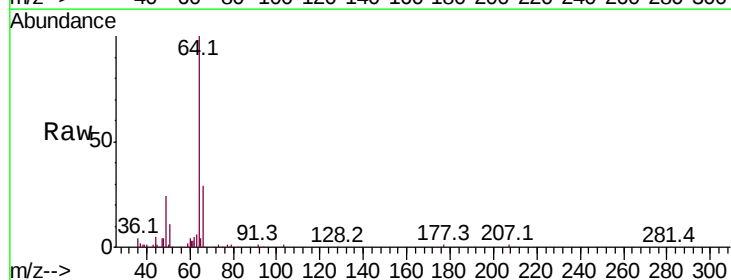
Acq: 06 Dec 2019 13:12

Tgt Ion: 64 Resp: 46243

Ion Ratio Lower Upper

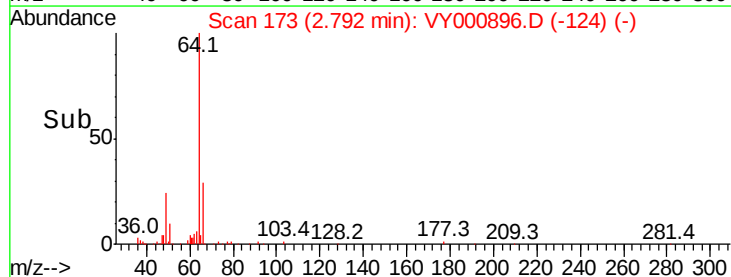
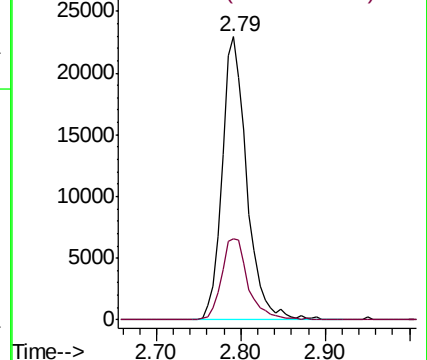
64 100

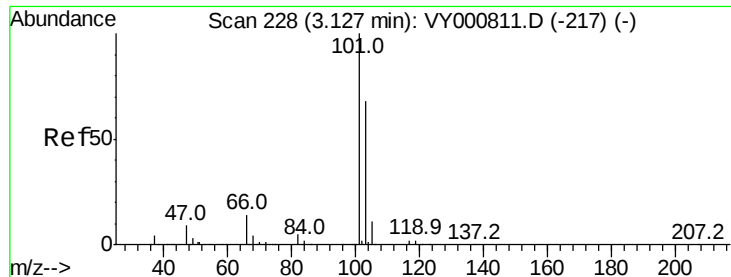
66 28.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



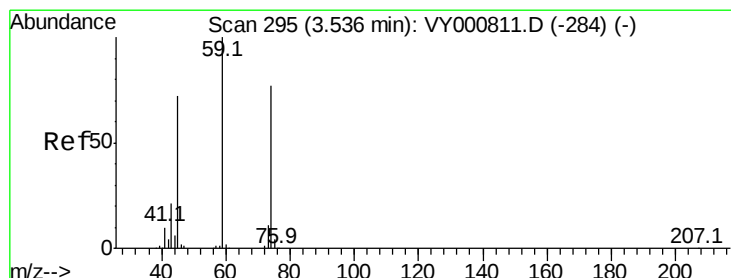
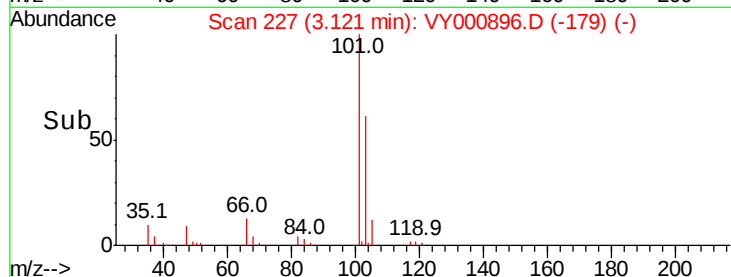
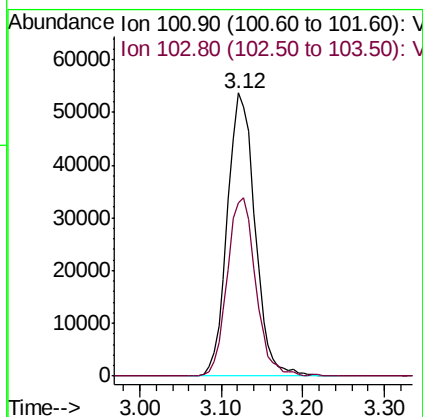
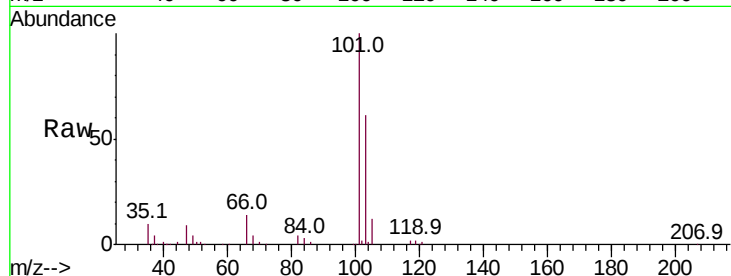


#7

Trichlorofluoromethane
 Concen: 21.043 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampled :

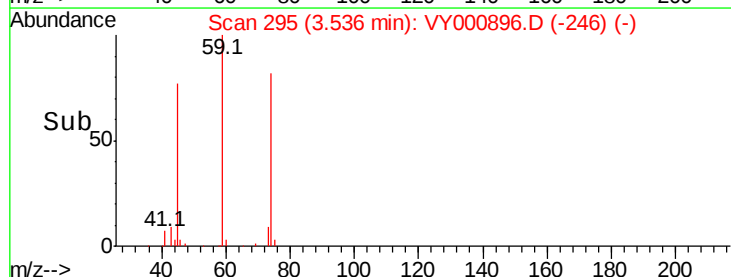
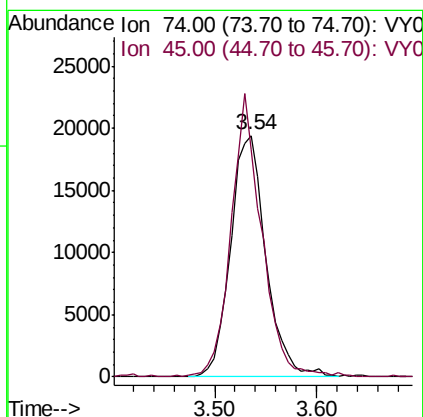
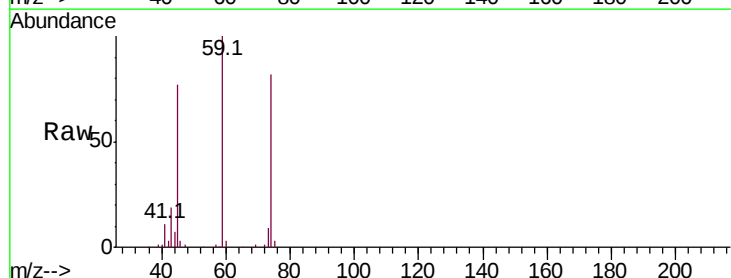
Tot Ion:101 Resp: 125413
 Ion Ratio Lower Upper
 101 100
 103 61.4 54.2 81.2

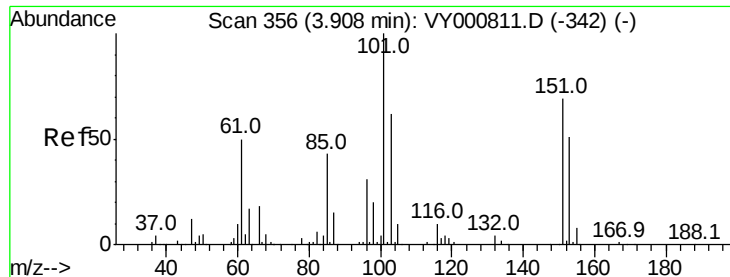


#8

Diethyl Ether
 Concen: 20.721 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion: 74 Resp: 46481
 Ion Ratio Lower Upper
 74 100
 45 101.7 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.595 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.02 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

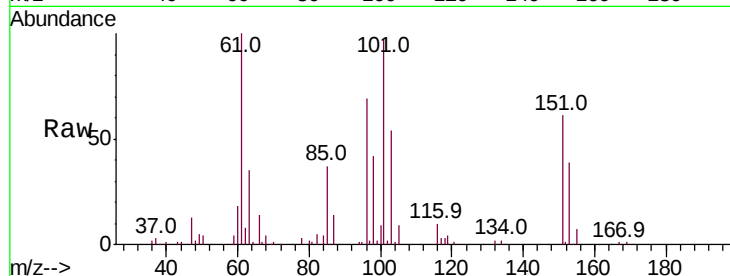
Tot Ion:101 Resp: 79479

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

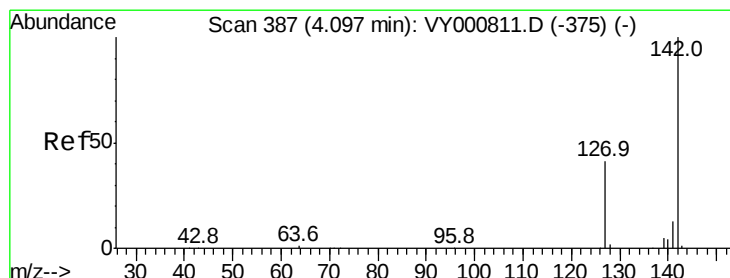
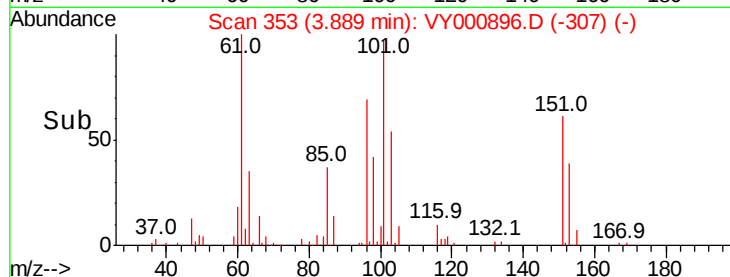
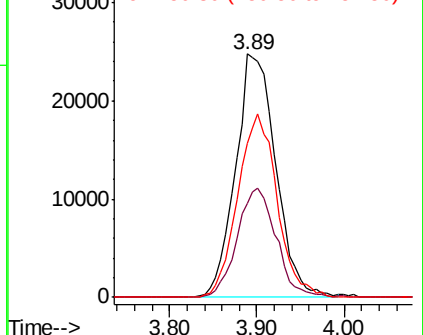
151 73.6 58.2 87.2



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: 20.896 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

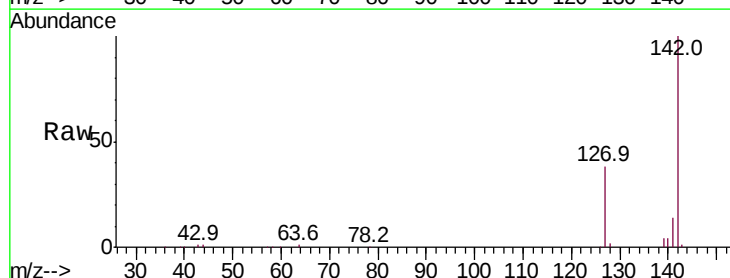
Tgt Ion:142 Resp: 96832

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.8

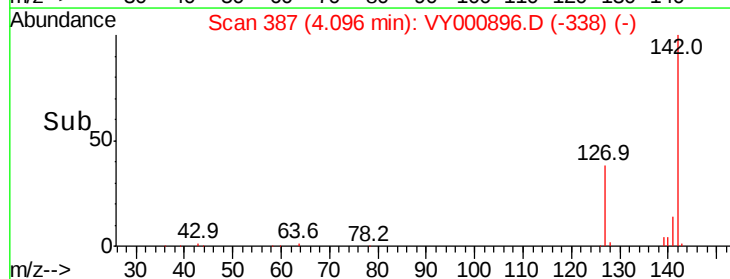
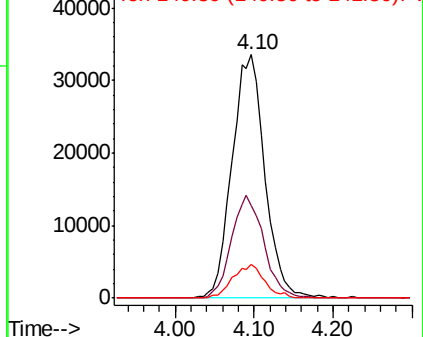
141 13.5 10.9 16.3

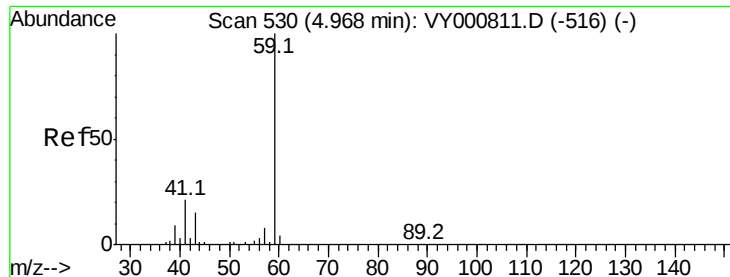


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 39.701 ug/l

RT: 5.00 min Scan# 536

Delta R.T. 0.04 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

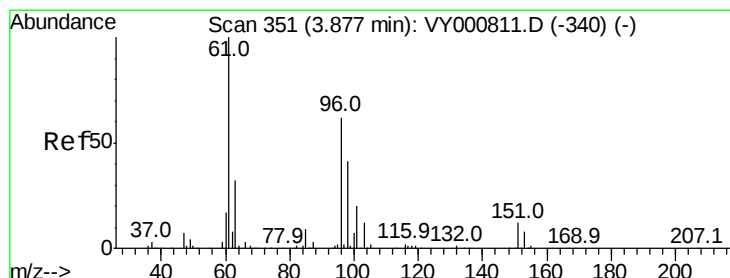
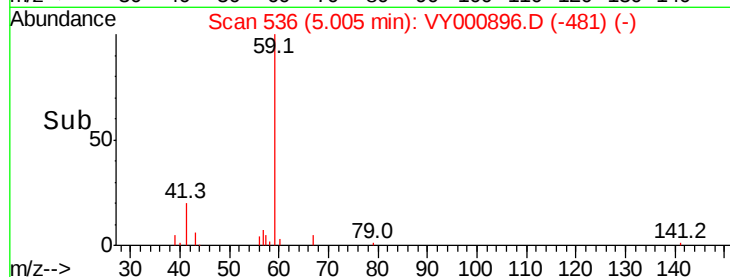
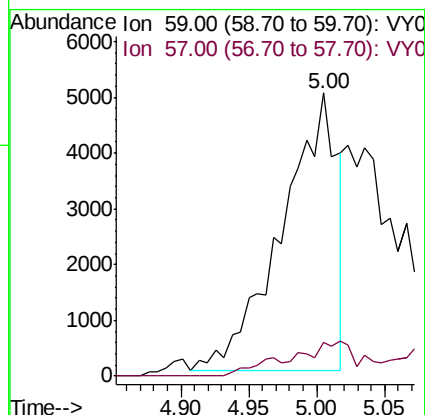
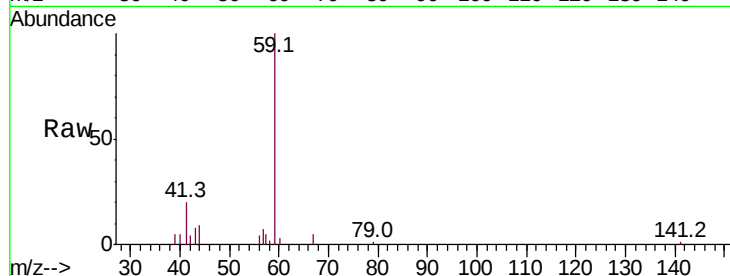
ClientSampleId :

Tot Ion: 59 Resp: 14114

Ion Ratio Lower Upper

59 100

57 11.7 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 21.422 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

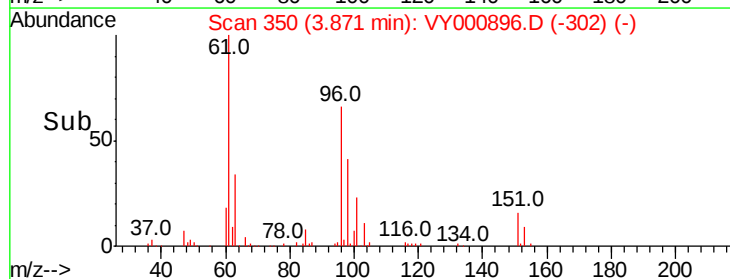
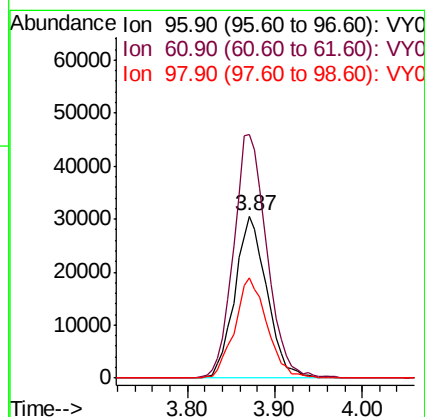
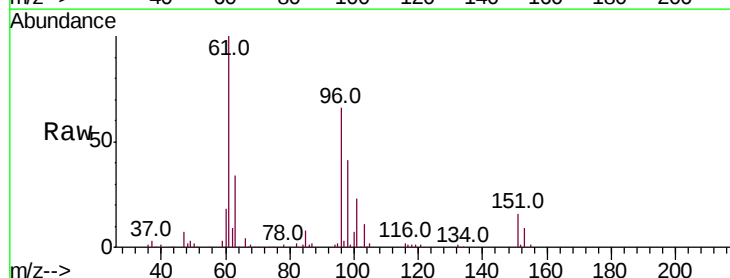
Tgt Ion: 96 Resp: 78109

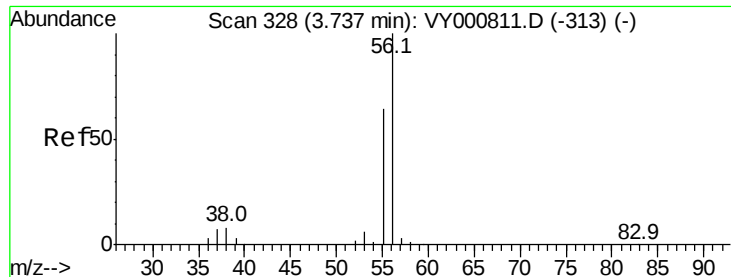
Ion Ratio Lower Upper

96 100

61 150.4 129.4 194.2

98 62.1 53.4 80.0





#13

Acrolein

Concen: 99.776 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

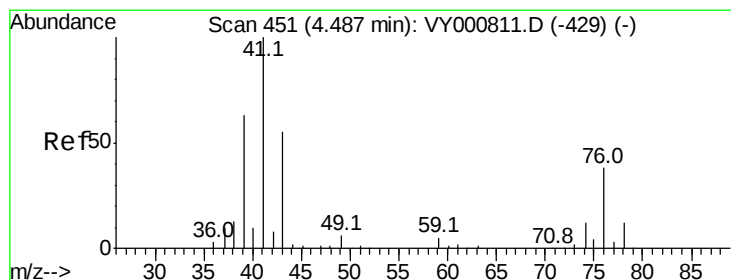
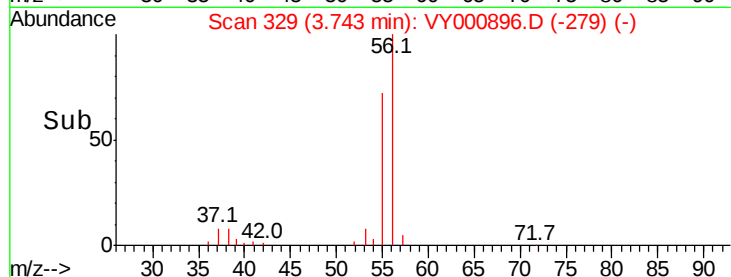
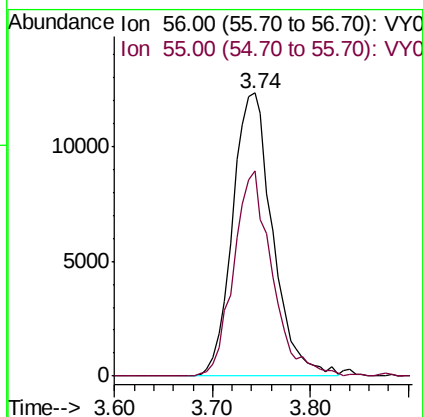
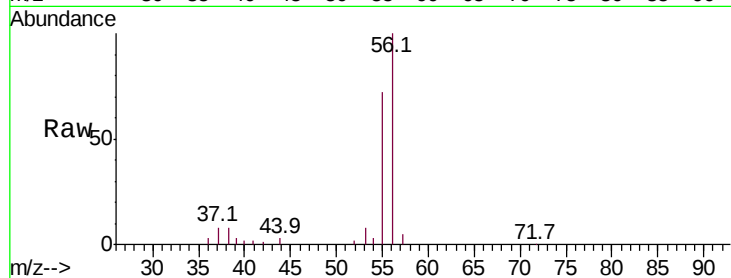
ClientSampleId :

Tot Ion: 56 Resp: 34941

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 20.760 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

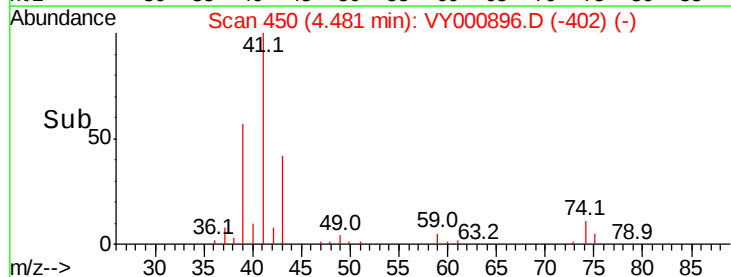
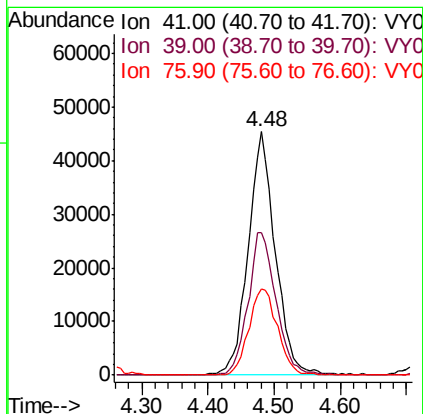
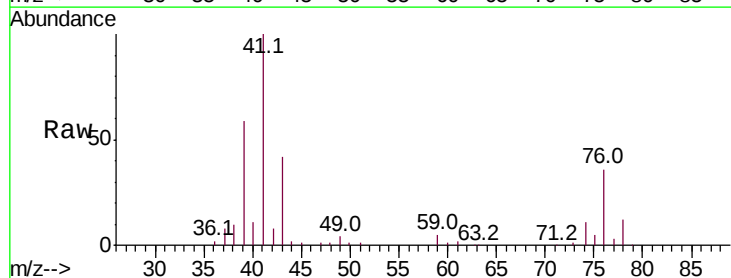
Tgt Ion: 41 Resp: 129792

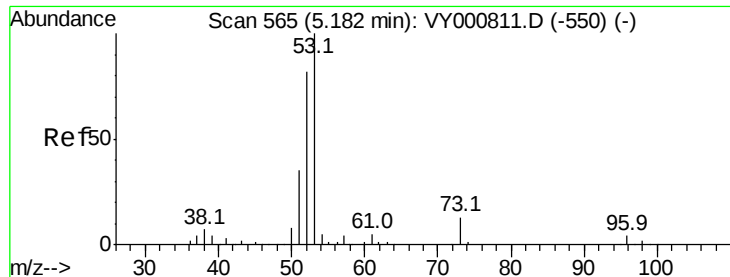
Ion Ratio Lower Upper

41 100

39 60.4 49.2 73.8

76 37.6 29.2 43.8





#15

Acrylonitrile

Concen: 97.047 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :

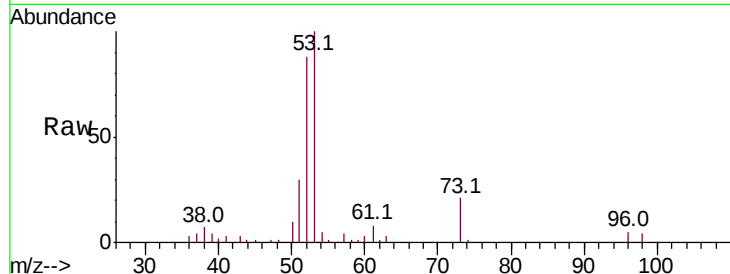
Tot Ion: 53 Resp: 112411

Ion Ratio Lower Upper

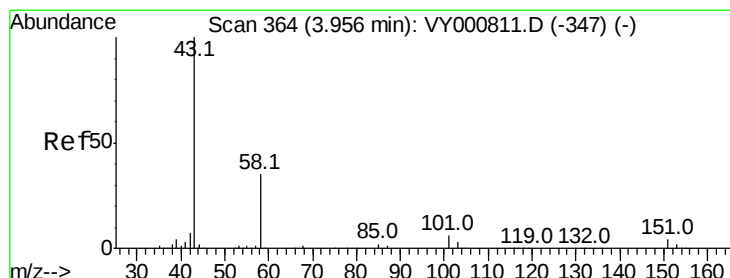
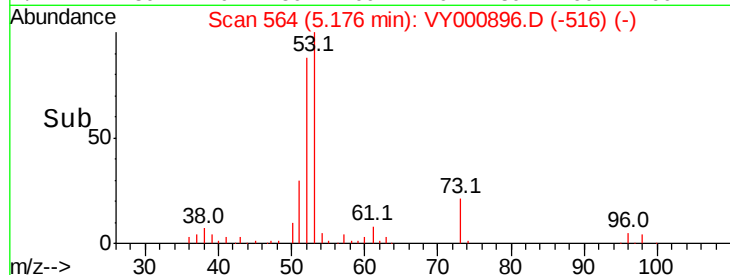
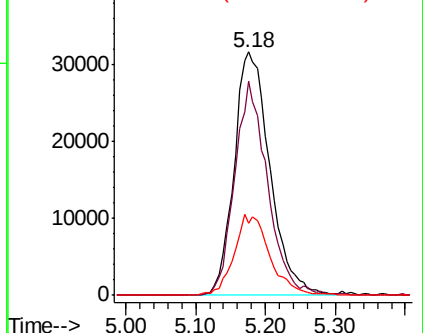
53 100

52 80.9 65.1 97.7

51 32.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 94.179 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000896.D

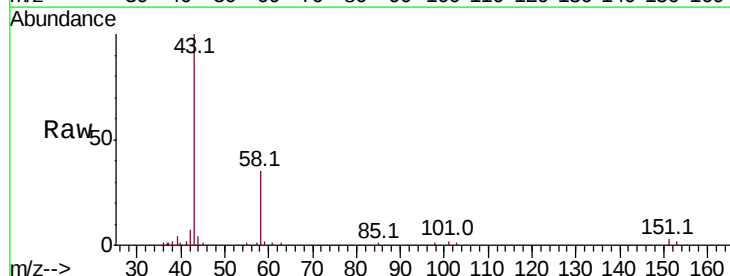
Acq: 06 Dec 2019 13:12

Tgt Ion: 43 Resp: 76341

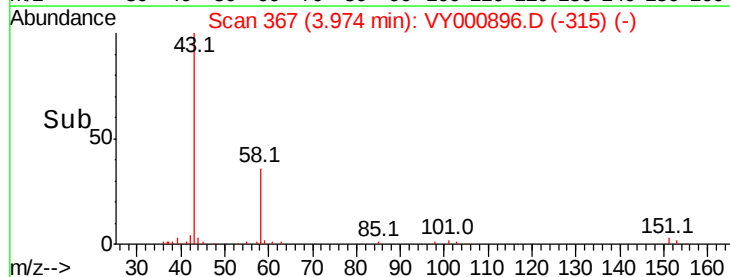
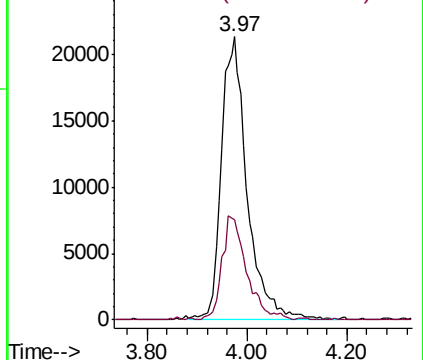
Ion Ratio Lower Upper

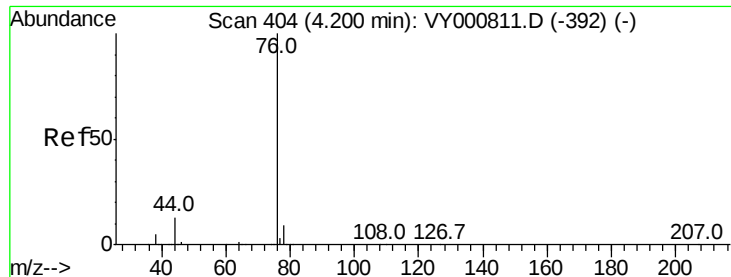
43 100

58 35.4 28.0 42.0



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





#17

Carbon Disulfide

Concen: 20.389 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

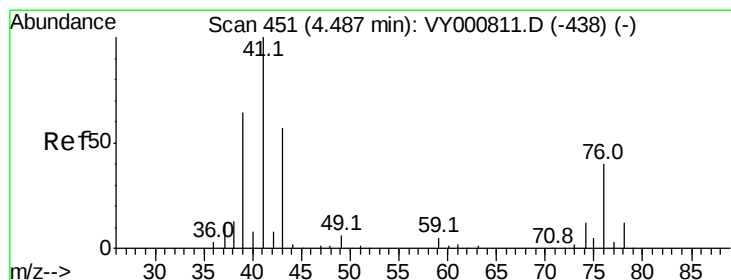
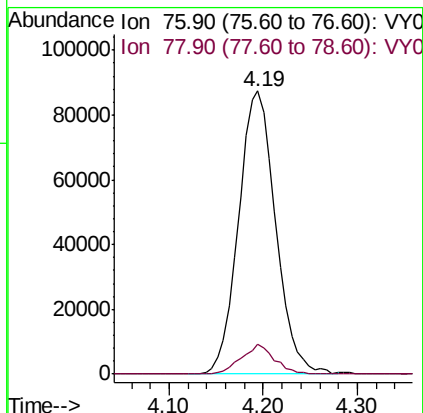
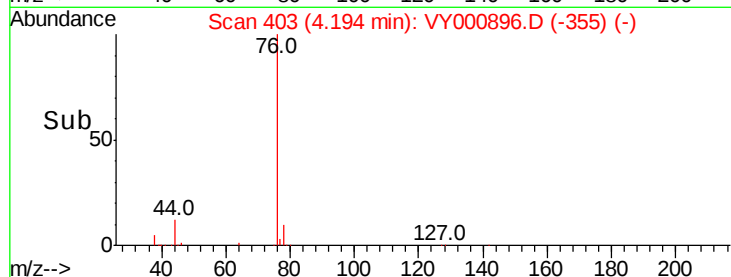
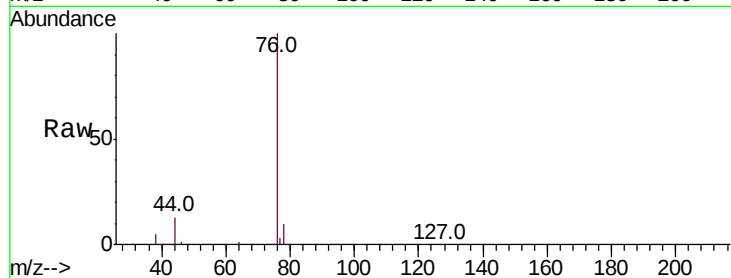
ClientSampleId :

Tot Ion: 76 Resp: 240445

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9



#18

Methyl Acetate

Concen: 18.290 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000896.D

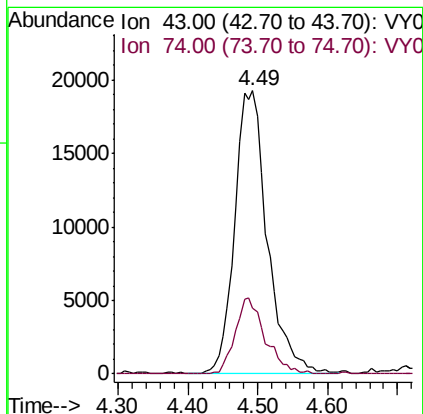
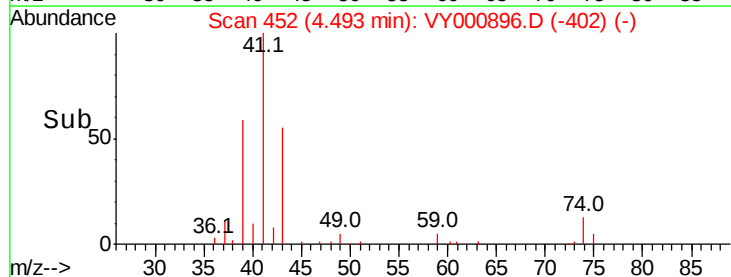
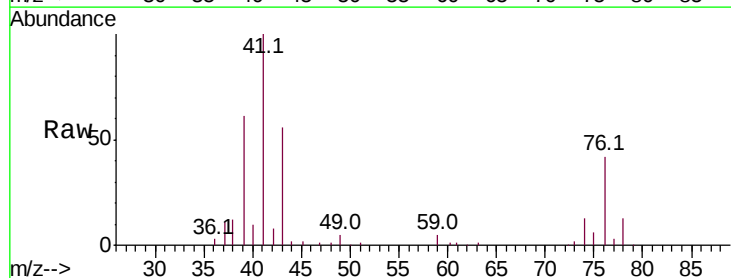
Acq: 06 Dec 2019 13:12

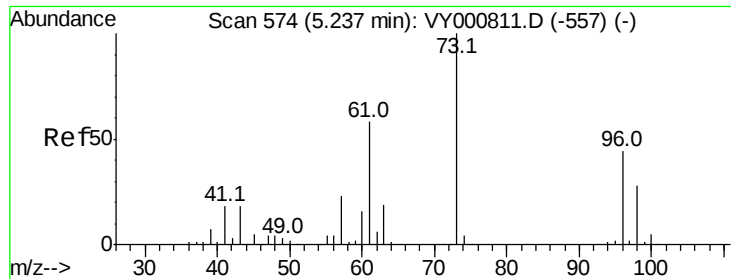
Tgt Ion: 43 Resp: 61991

Ion Ratio Lower Upper

43 100

74 24.9 18.5 27.7

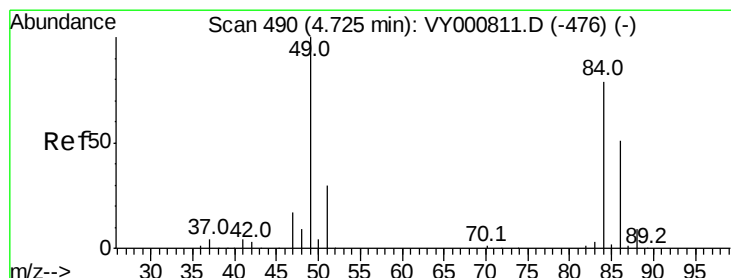
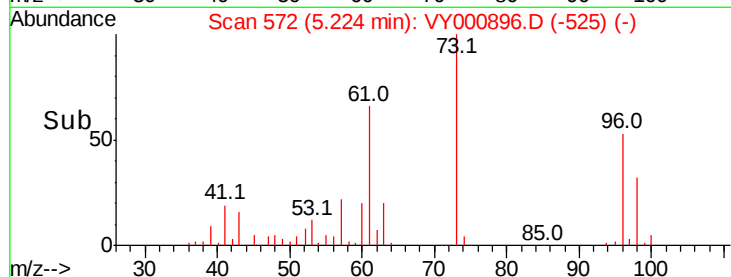
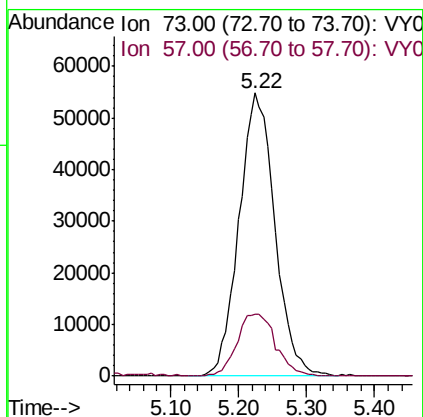
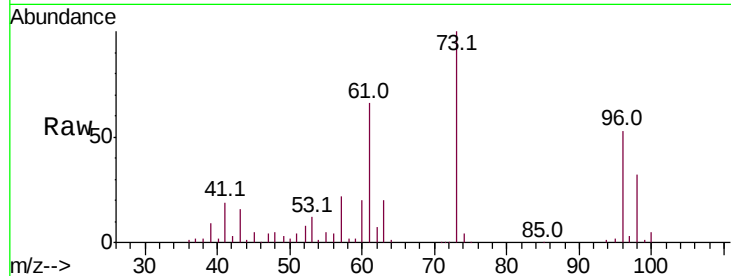




#19
Methvl tert-butvl Ether
Concen: 20.650 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

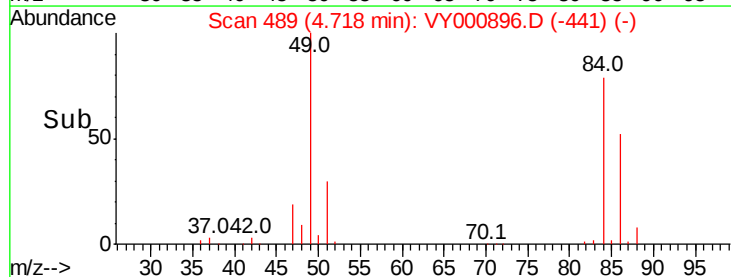
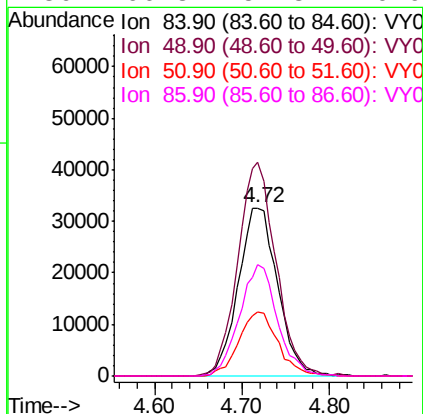
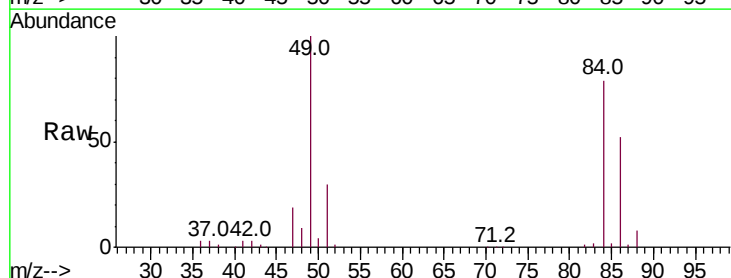
Instrument :
MSVOA_Y
ClientSampled :

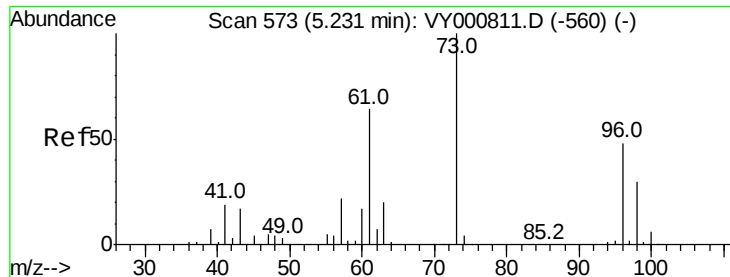
Tot Ion: 73 Resp: 201079
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 23.931 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 84 Resp: 102252
Ion Ratio Lower Upper
84 100
49 127.1 101.3 151.9
51 38.0 30.6 45.8
86 66.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.149 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampled :

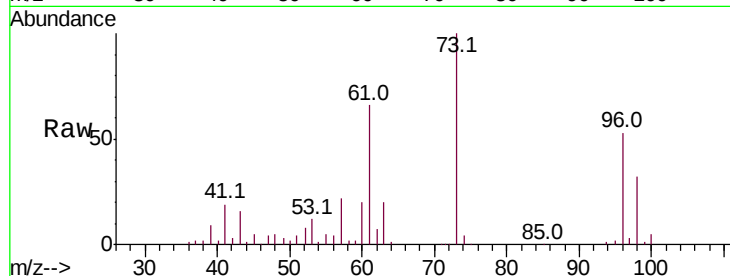
Tot Ion: 96 Resp: 87648

Ion Ratio Lower Upper

96 100

61 124.4 105.9 158.9

98 60.2 49.4 74.2

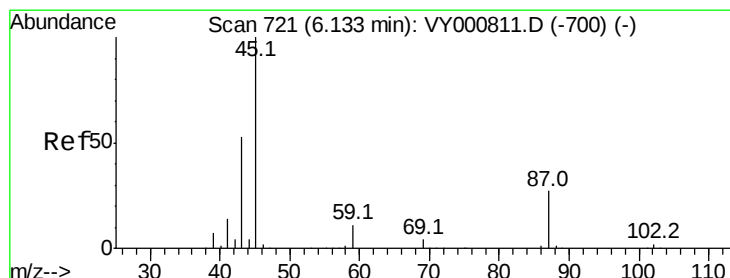
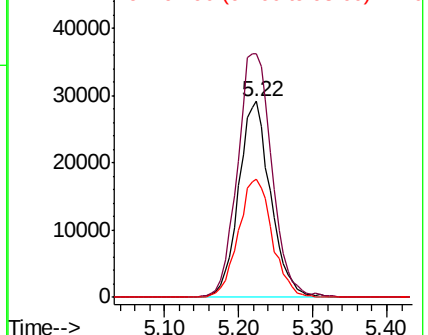
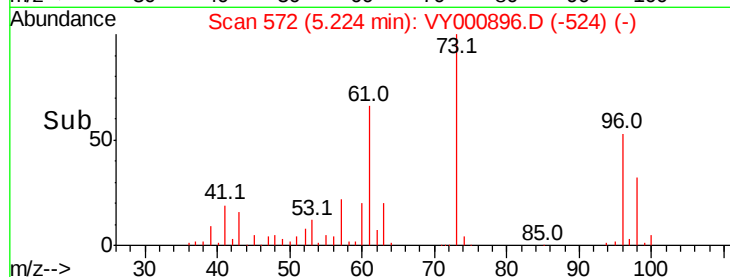


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.554 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion: 45 Resp: 264118

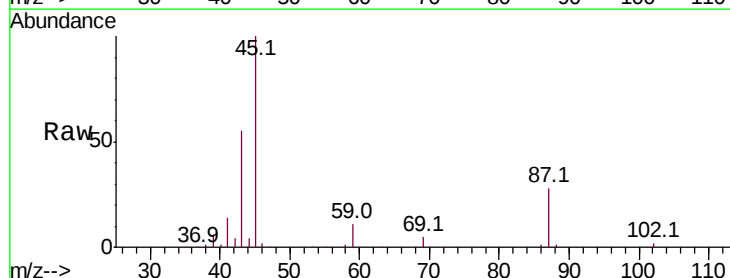
Ion Ratio Lower Upper

45 100

43 54.1 42.7 64.1

87 27.8 22.0 33.0

59 10.9 8.9 13.3



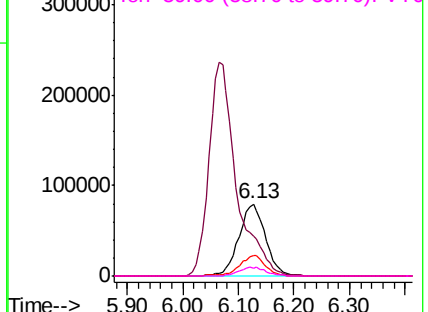
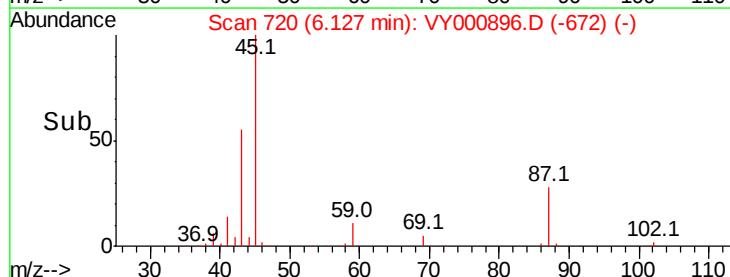
Abundance

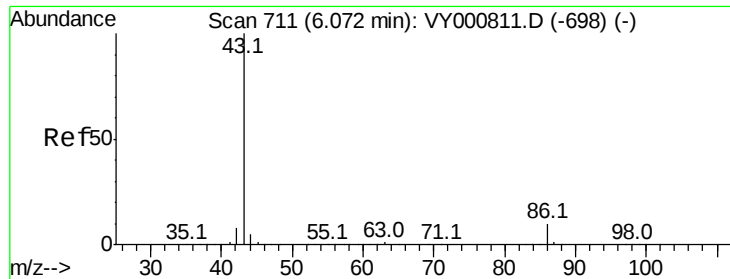
Ion 45.00 (44.70 to 45.70): VY0

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: 104.004 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

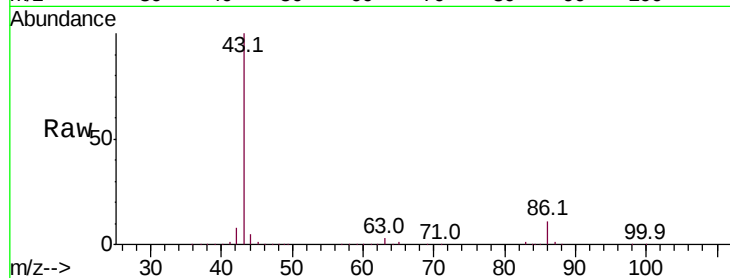
ClientSampled :

Tot Ion: 43 Resp: 812453

Ion Ratio Lower Upper

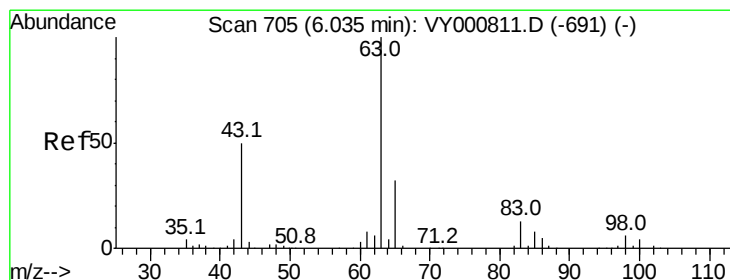
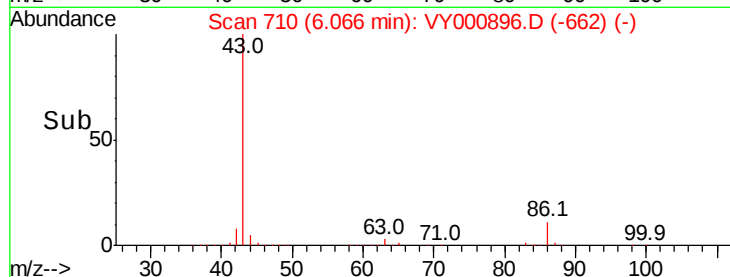
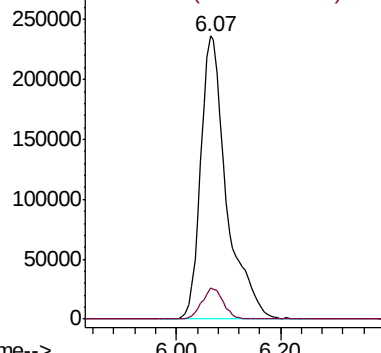
43 100

86 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.952 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

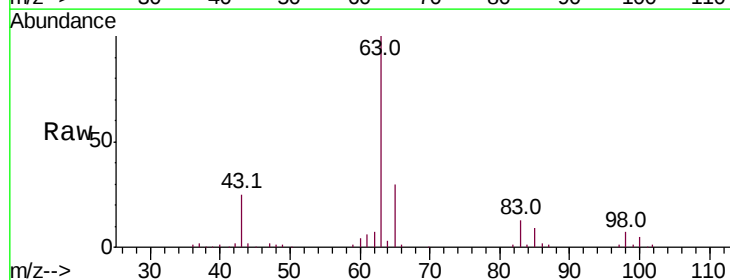
Tgt Ion: 63 Resp: 148387

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

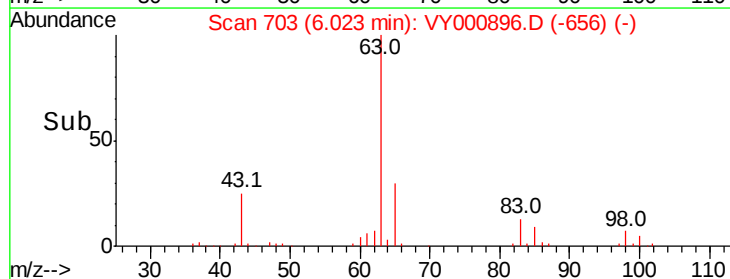
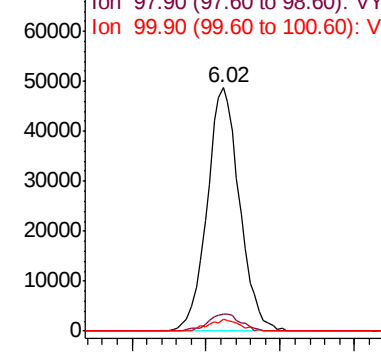
100 5.1 2.2 6.6

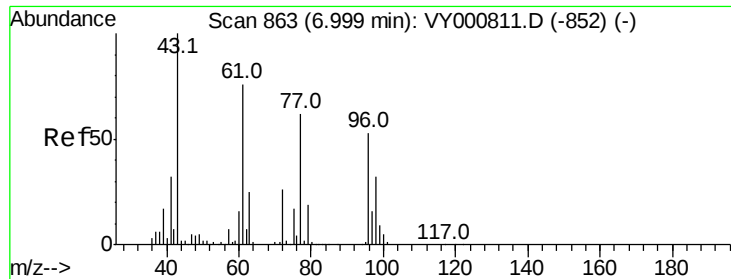


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.190 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

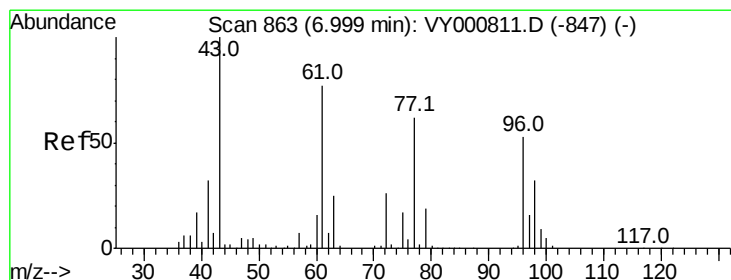
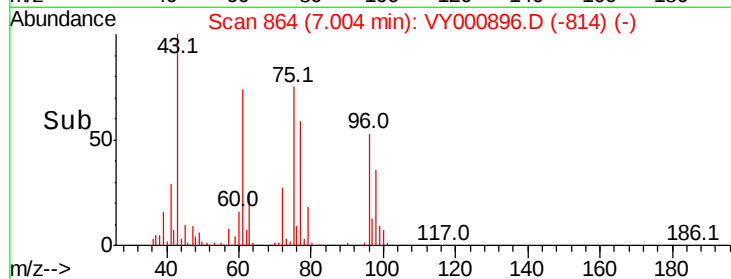
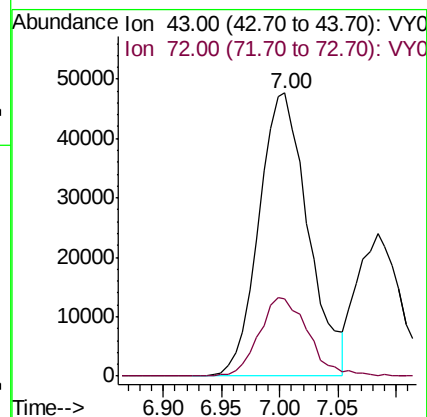
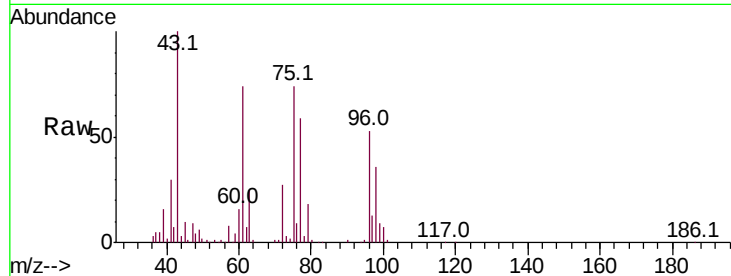
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 139541

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.754 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.02 min

Lab File: VY000896.D

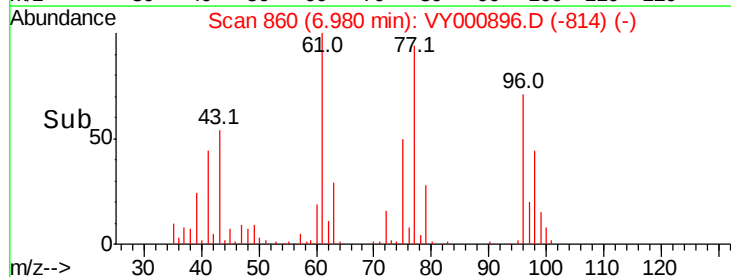
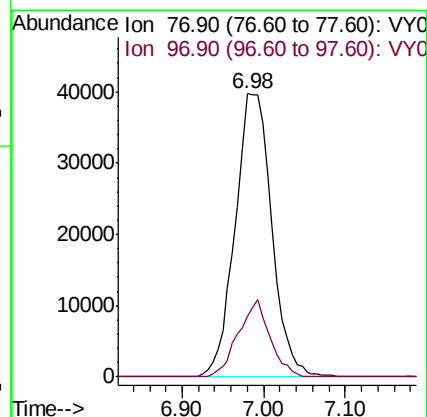
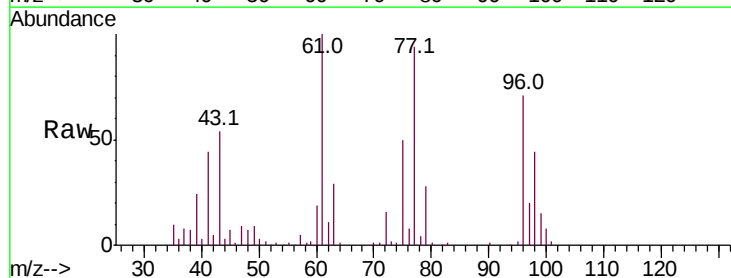
Acq: 06 Dec 2019 13:12

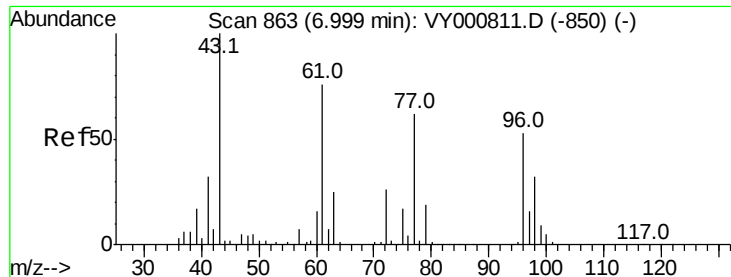
Tgt Ion: 77 Resp: 123711

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



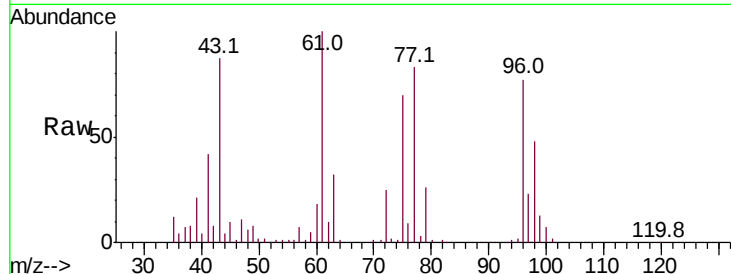


#27

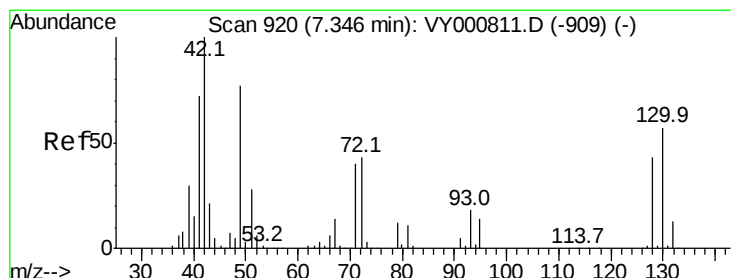
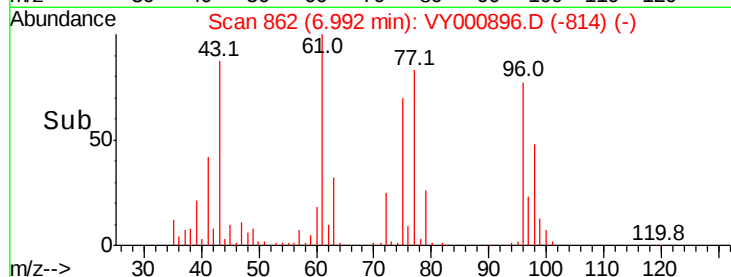
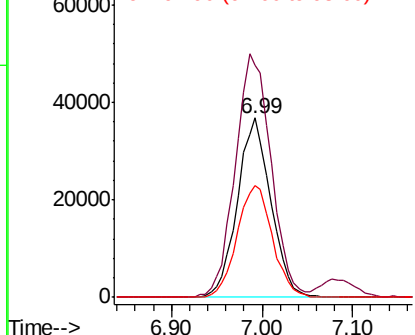
cis-1,2-Dichloroethene
Concen: 21.034 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 94227
Ion Ratio Lower Upper
96 100
61 145.1 0.0 285.0
98 65.8 0.0 128.0



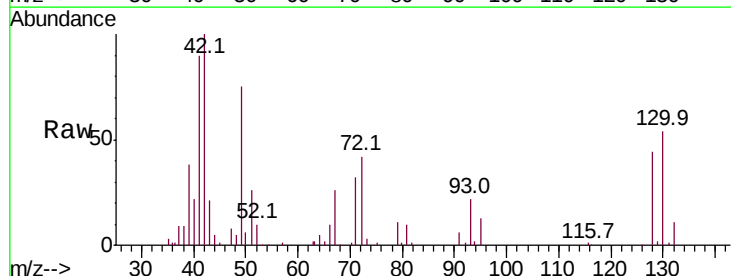
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



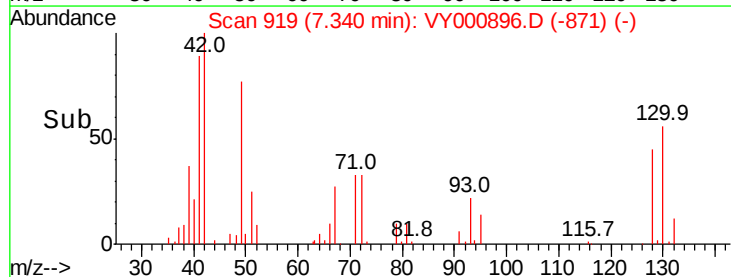
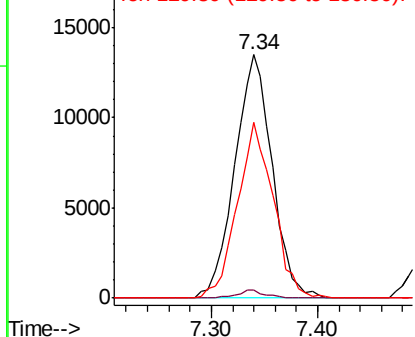
#28

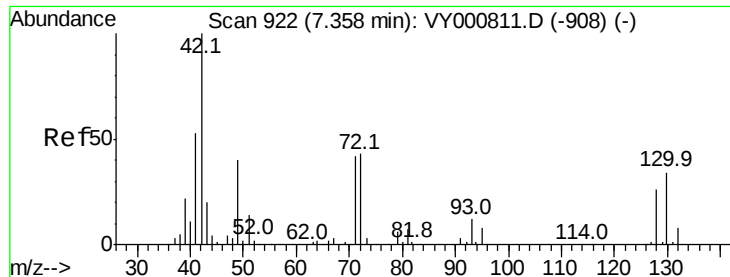
Bromochloromethane
Concen: 14.283 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 49 Resp: 33194
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 69.5 58.7 88.1



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





#29

Tetrahydrofuran

Concen: 94.909 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :

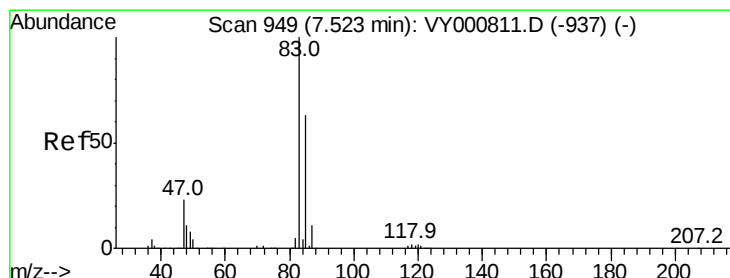
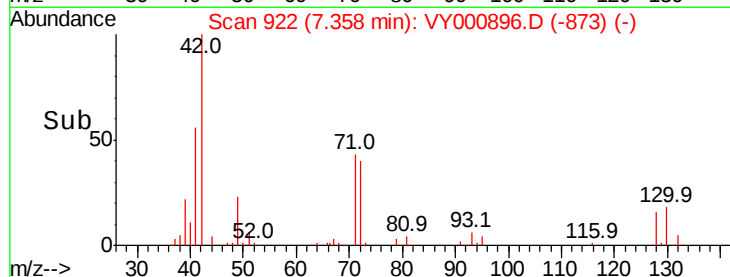
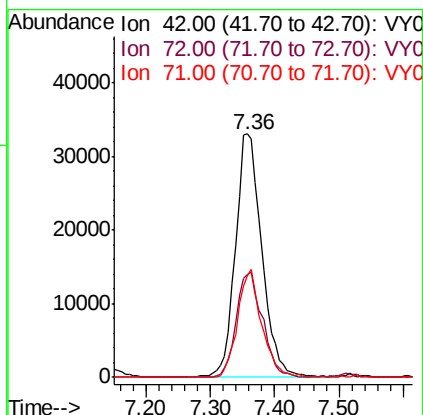
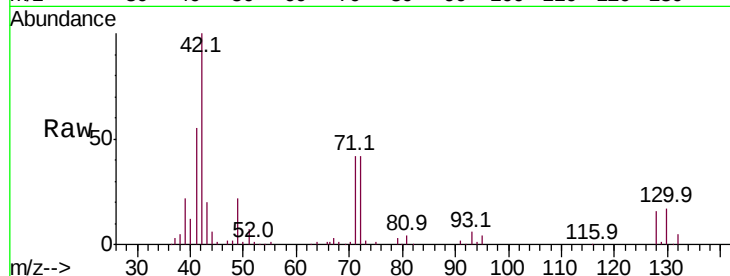
Tot Ion: 42 Resp: 94173

Ion Ratio Lower Upper

42 100

72 42.6 35.1 52.7

71 40.8 32.8 49.2



#30

Chloroform

Concen: 19.664 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000896.D

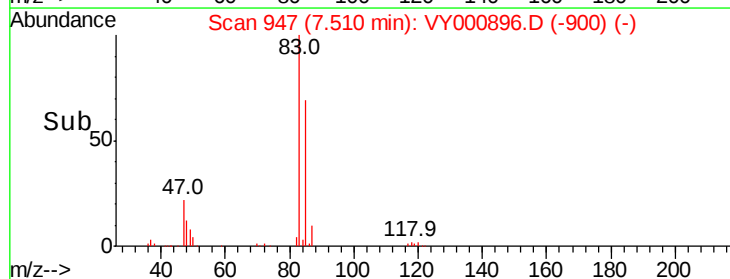
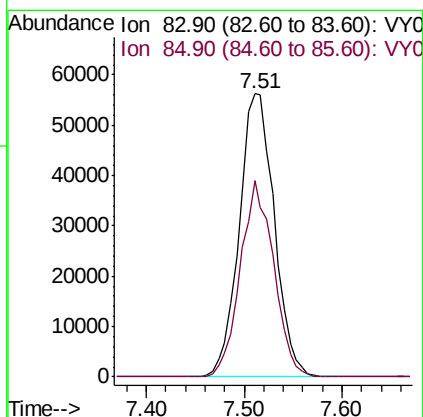
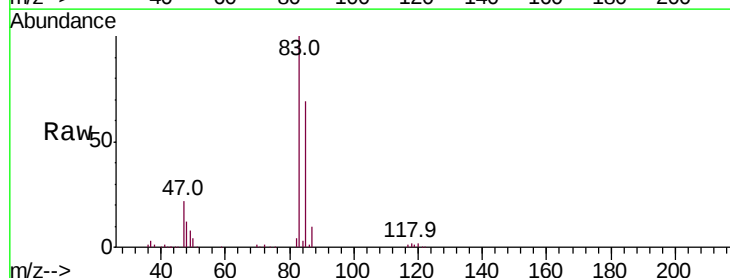
Acq: 06 Dec 2019 13:12

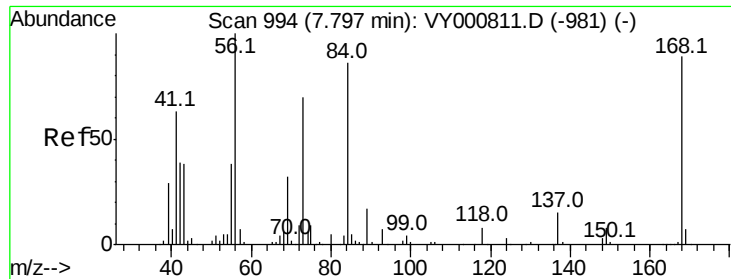
Tgt Ion: 83 Resp: 139705

Ion Ratio Lower Upper

83 100

85 69.4 50.4 75.6

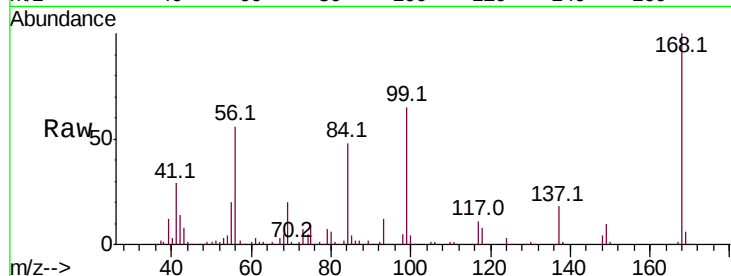




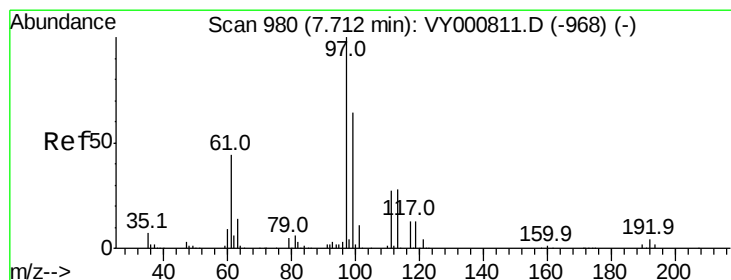
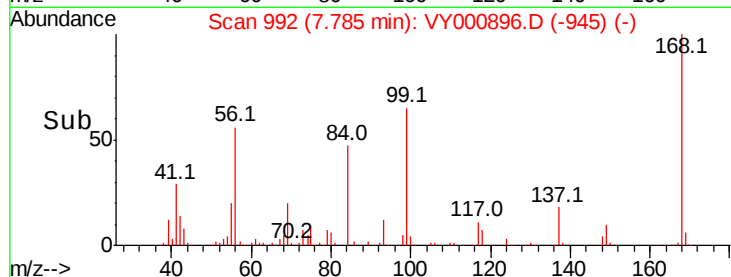
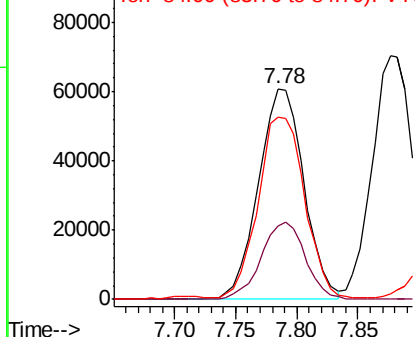
#31
Cyclohexane
Concen: 20.991 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 157488
Ion Ratio Lower Upper
56 100
69 35.1 25.9 38.9
84 85.1 68.6 102.8

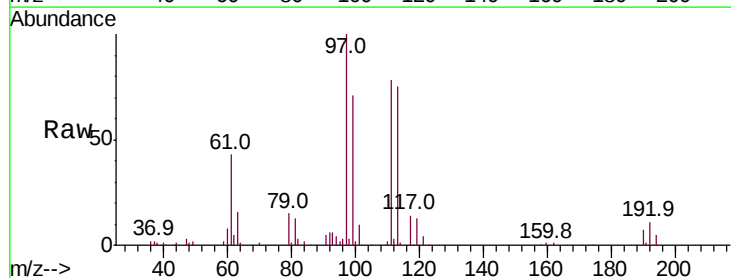


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

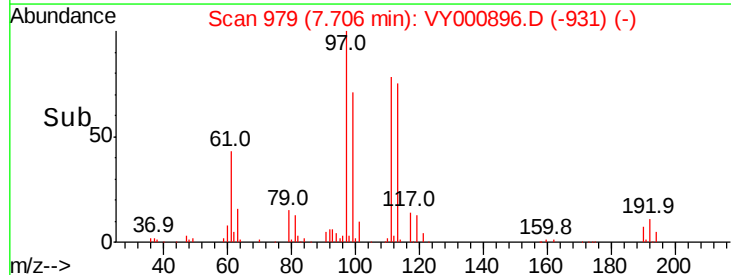
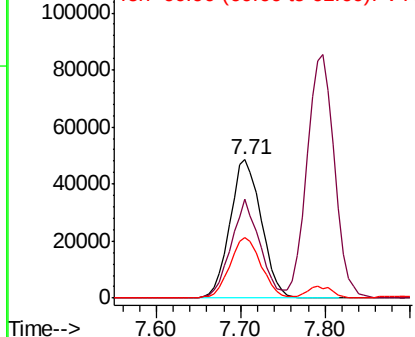


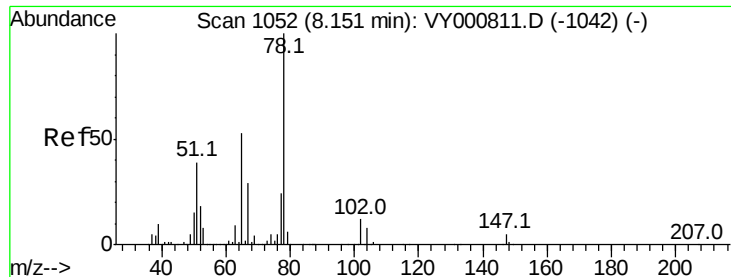
#32
1,1,1-Trichloroethane
Concen: 20.924 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 97 Resp: 122753
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 43.1 35.0 52.6



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





#33

1,2-Dichloroethane-d4

Concen: 49.554 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

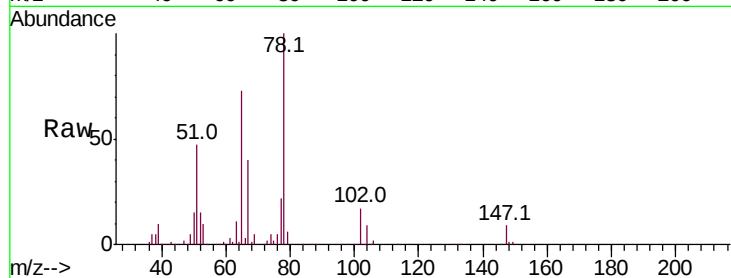
ClientSampleId :

Tot Ion: 65 Resp: 175102

Ion Ratio Lower Upper

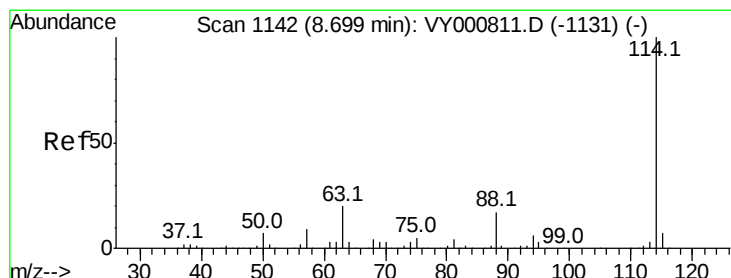
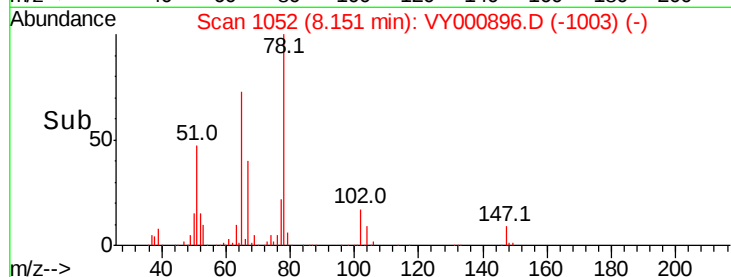
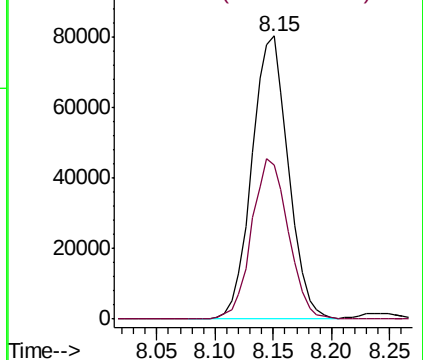
65 100

67 57.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

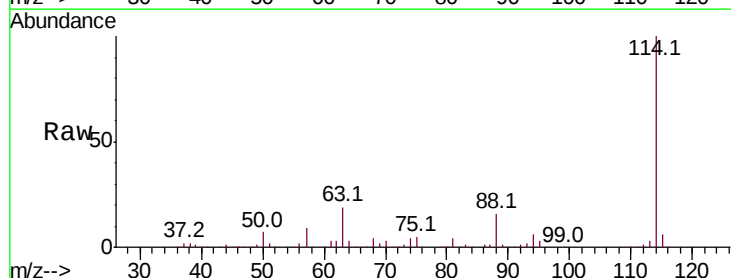
Tgt Ion: 114 Resp: 585676

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

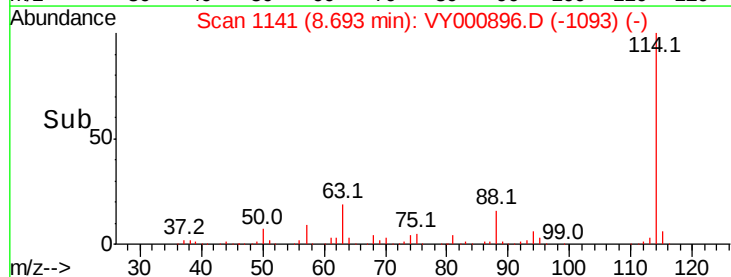
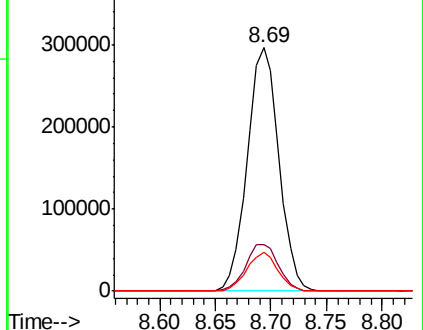
88 15.9 0.0 33.2

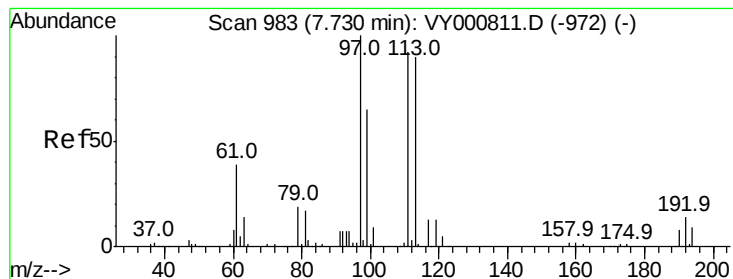


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.208 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

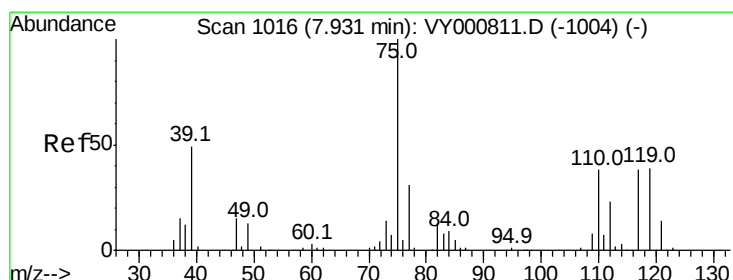
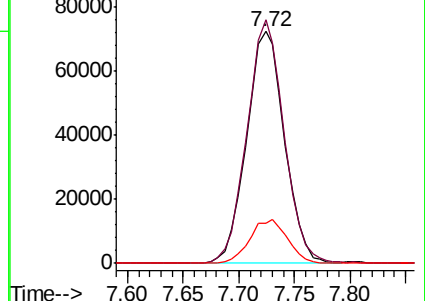
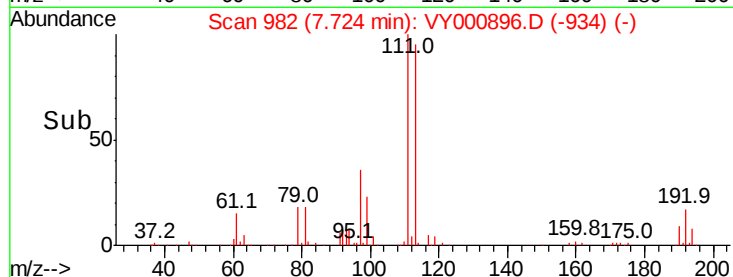
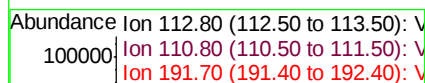
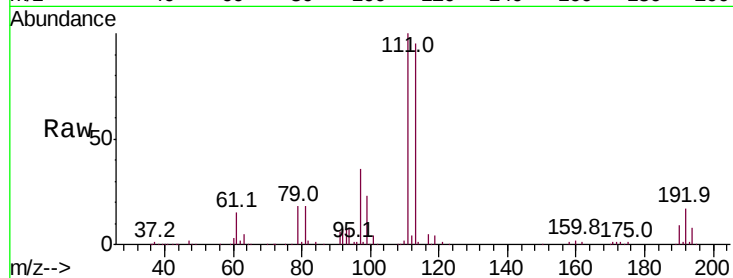
Tot Ion:113 Resp: 171377

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	18.9	14.2	21.2

113 100

111 102.9 82.4 123.6

192 18.9 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.074 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

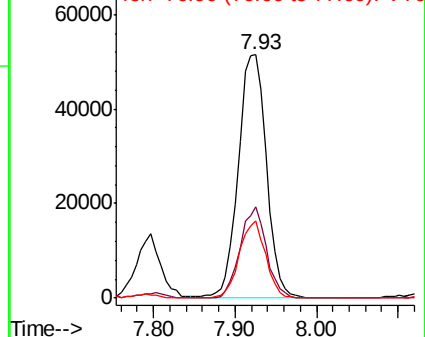
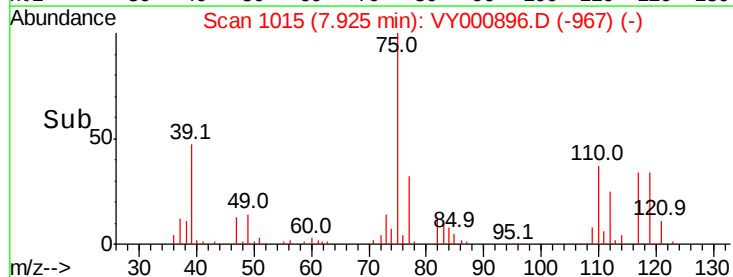
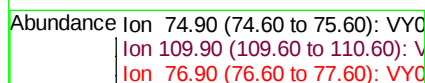
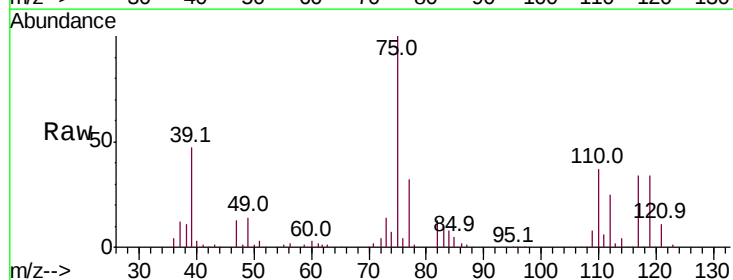
Tgt Ion: 75 Resp: 122724

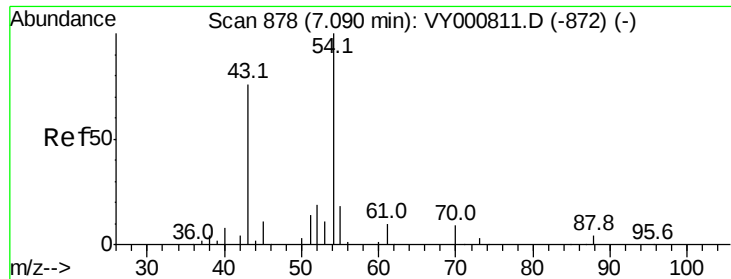
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.9	53.7
77	29.6	24.7	37.1

75 100

110 35.0 17.9 53.7

77 29.6 24.7 37.1

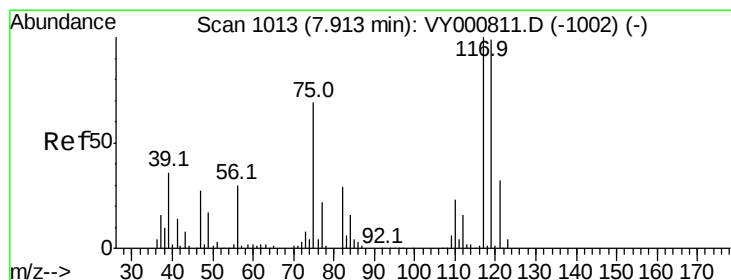
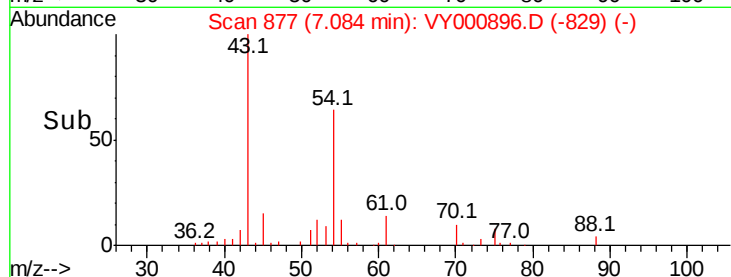
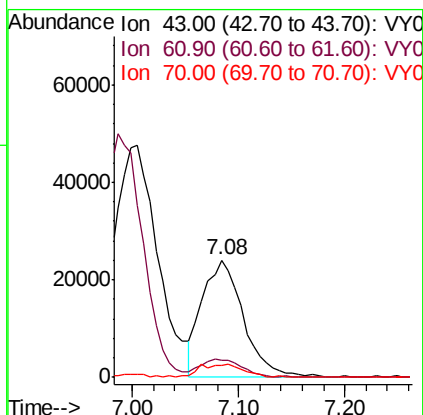
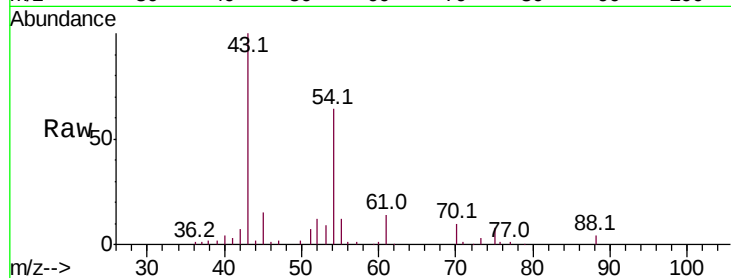




#37
Ethyl Acetate
Concen: 19.219 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

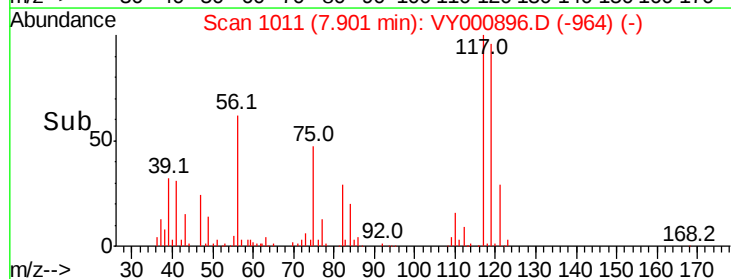
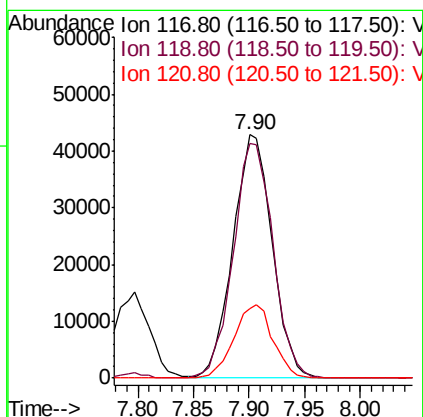
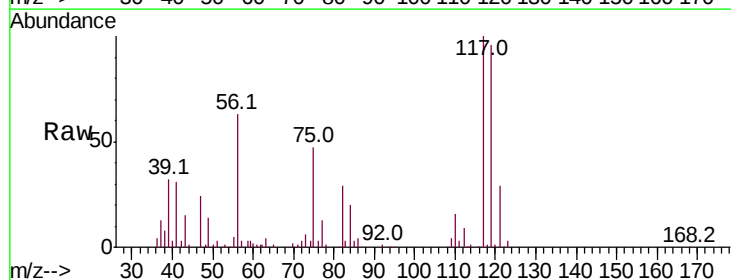
Instrument :
MSVOA_Y
ClientSampled :

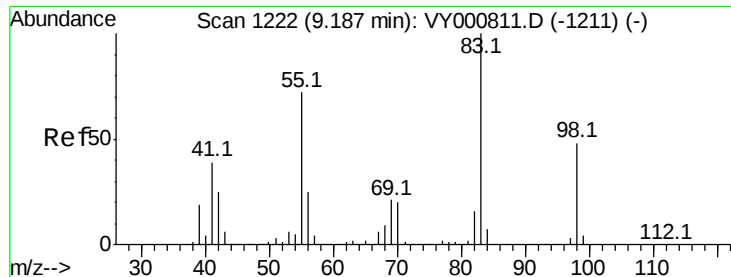
Tot Ion: 43 Resp: 64624
Ion Ratio Lower Upper
43 100
61 15.8 11.8 17.8
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.260 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 117 Resp: 105072
Ion Ratio Lower Upper
117 100
119 96.4 79.3 118.9
121 28.5 25.5 38.3

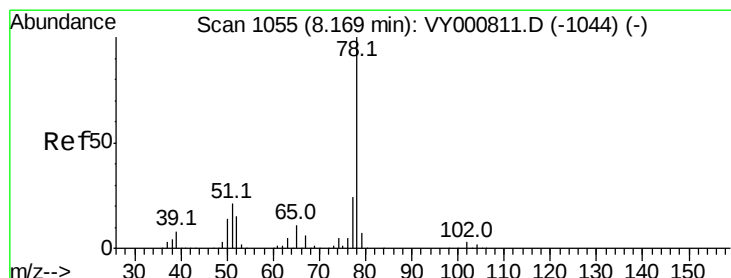
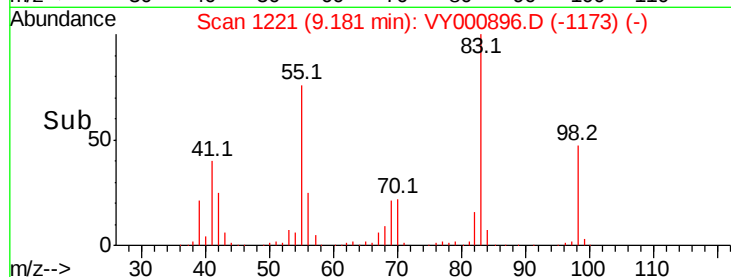
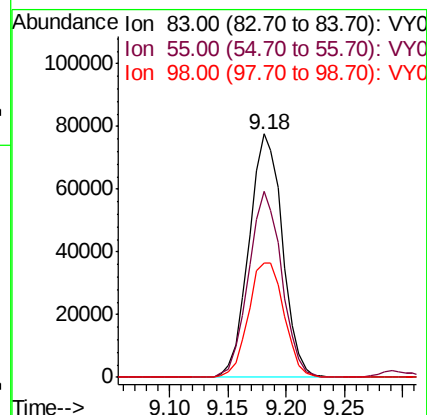
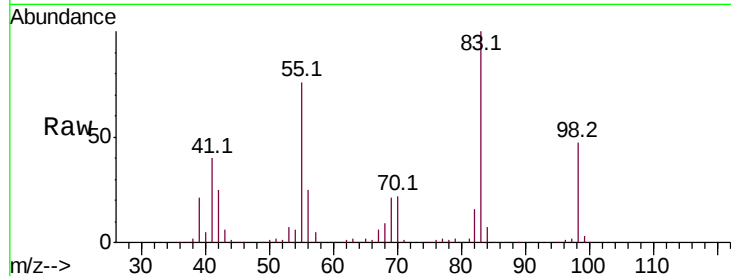




#39
Methvlcvclohexane
Concen: 20.190 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

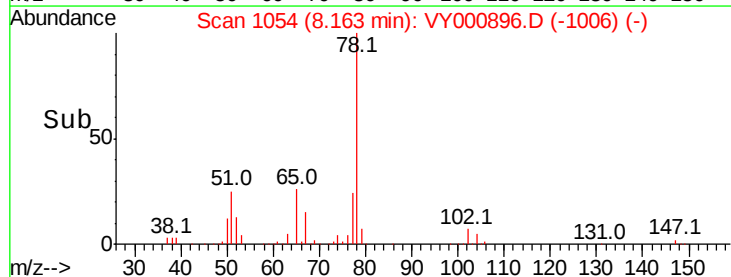
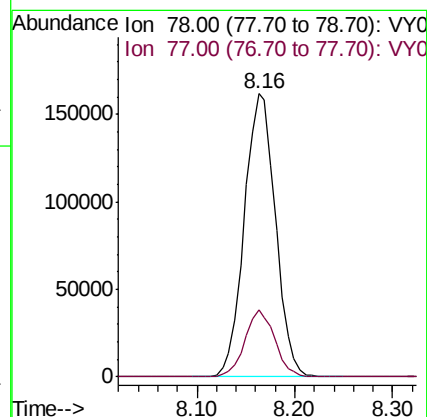
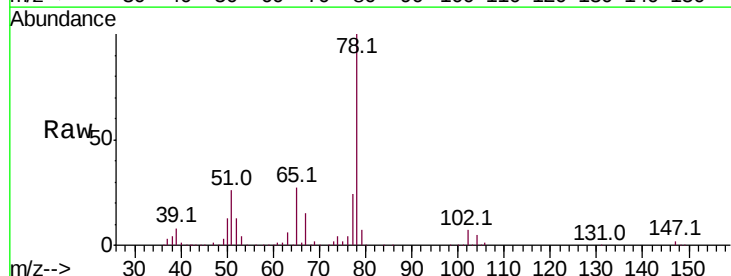
Instrument :
MSVOA_Y
ClientSampled :

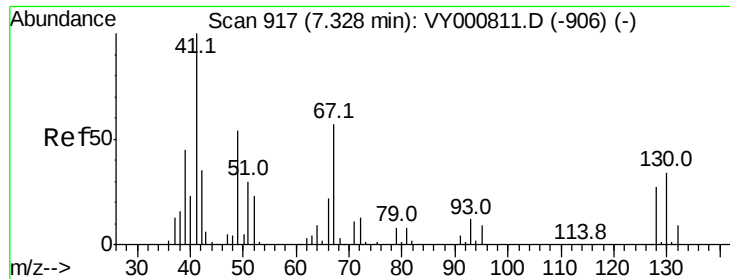
Tot Ion: 83 Resp: 155773
Ion Ratio Lower Upper
83 100
55 76.3 57.8 86.6
98 46.9 38.6 58.0



#40
Benzene
Concen: 21.081 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 78 Resp: 357580
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

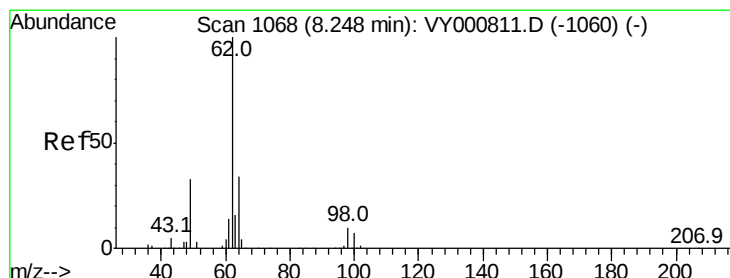
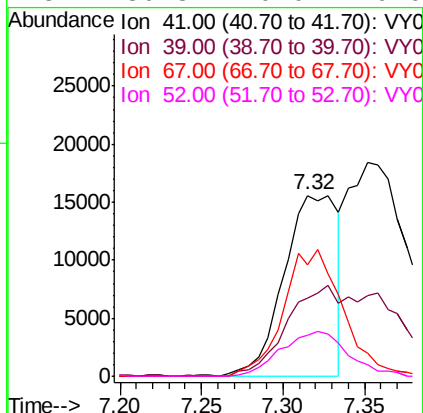
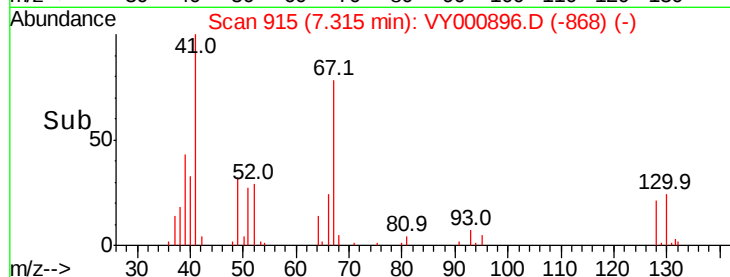
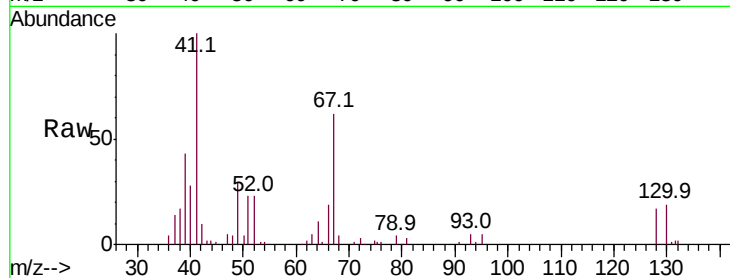




#41
Methacrylonitrile
Concen: 20.294 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

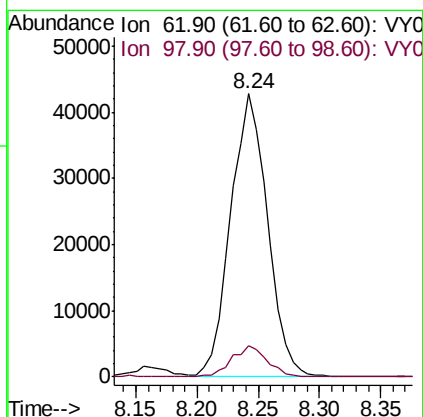
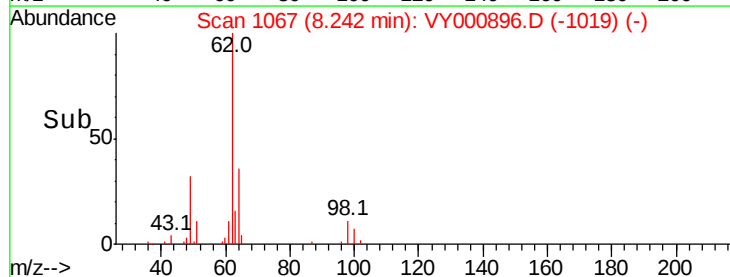
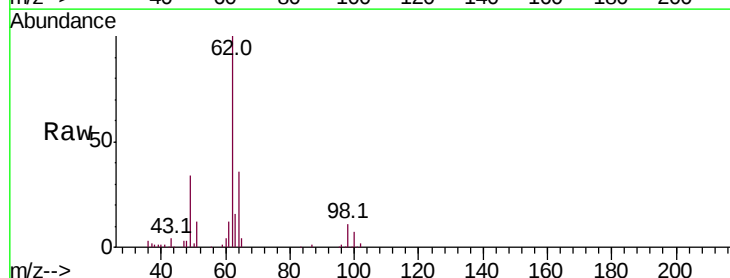
Instrument :
MSVOA_Y
ClientSampleId :

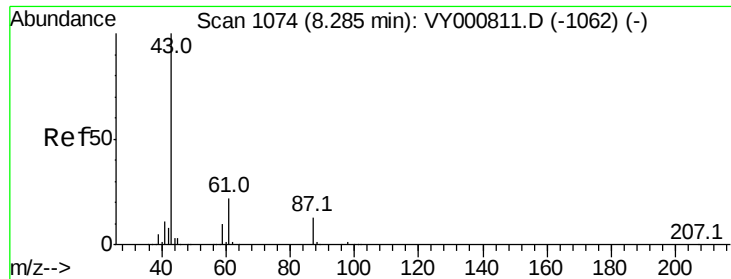
Tot Ion: 41 Resp: 35966
Ion Ratio Lower Upper
41 100
39 60.4 95.7 143.5#
67 76.5 0.0 0.0#
52 30.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.052 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 62 Resp: 89449
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.4





#43

Isopropyl Acetate

Concen: 19.081 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

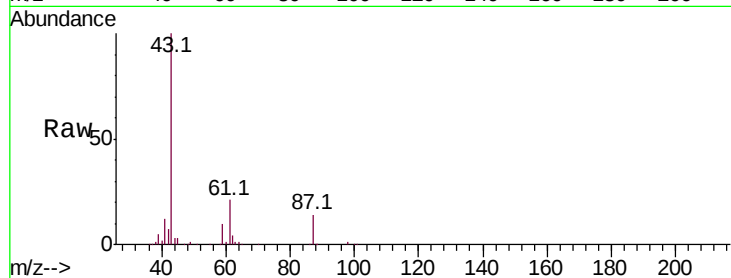
Tot Ion: 43 Resp: 120910

Ion Ratio Lower Upper

43 100

61 30.2 23.7 35.5

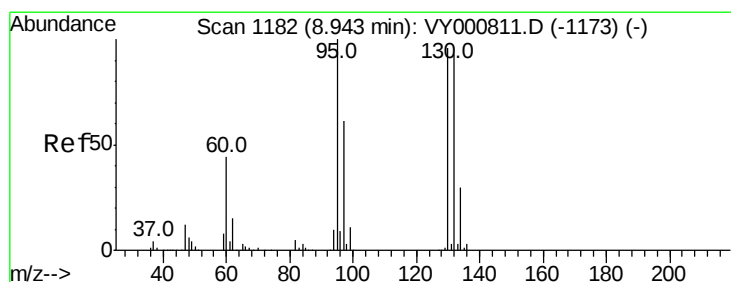
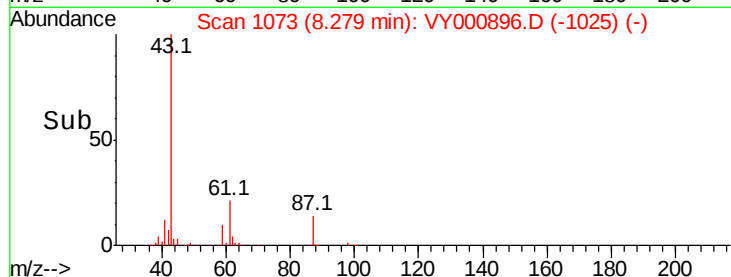
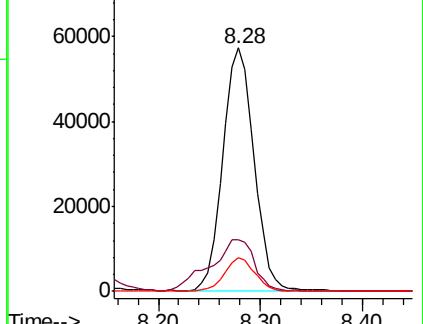
87 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 21.138 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY000896.D

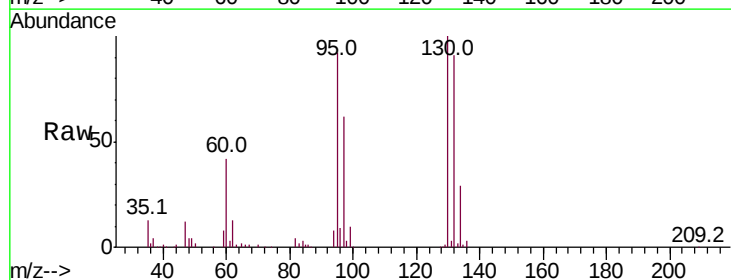
Acq: 06 Dec 2019 13:12

Tgt Ion:130 Resp: 92149

Ion Ratio Lower Upper

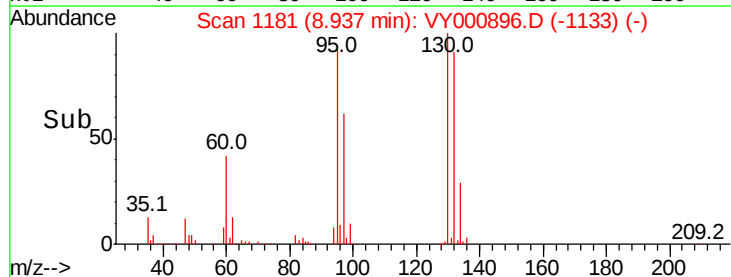
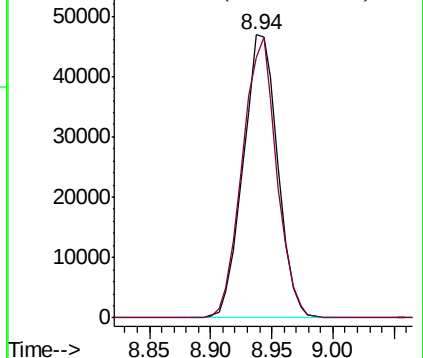
130 100

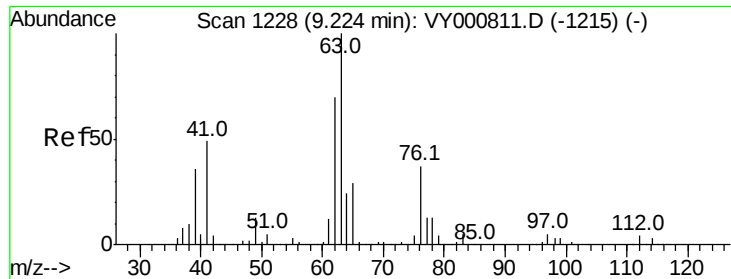
95 92.2 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 20.723 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

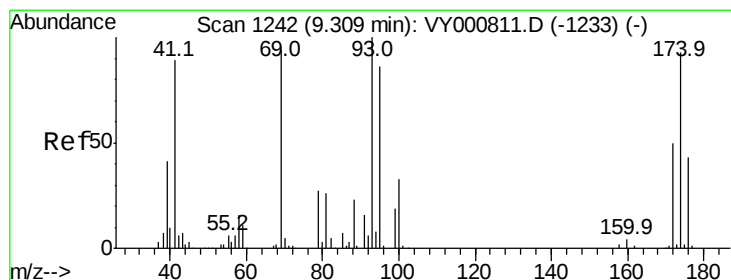
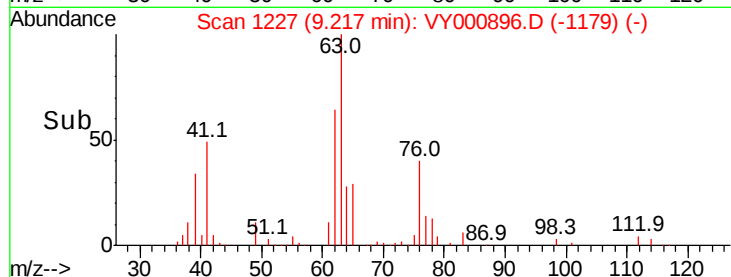
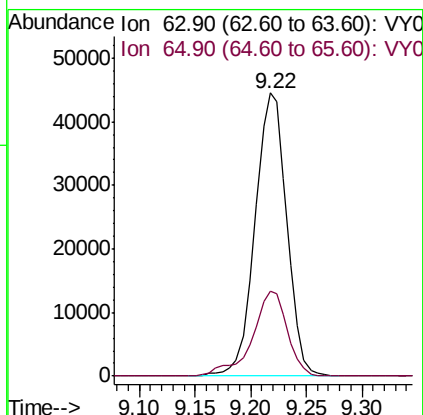
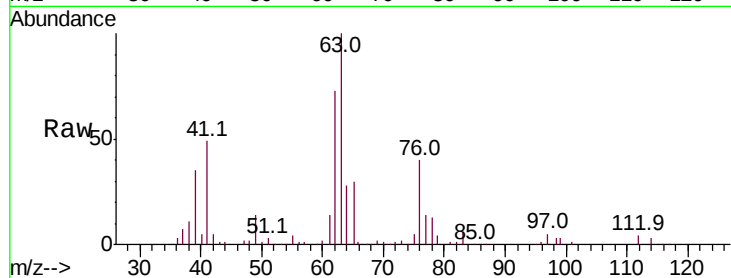
Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 88296

Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.2	34.8



#46

Dibromomethane

Concen: 20.660 ug/l

RT: 9.31 min Scan# 1242

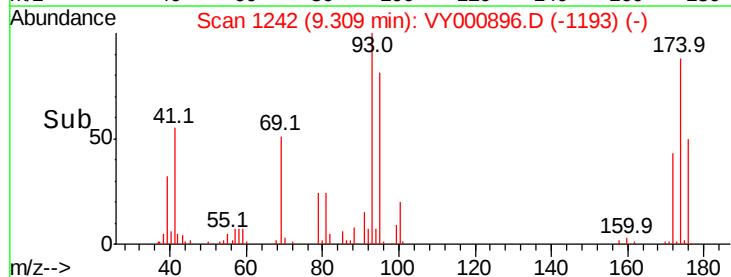
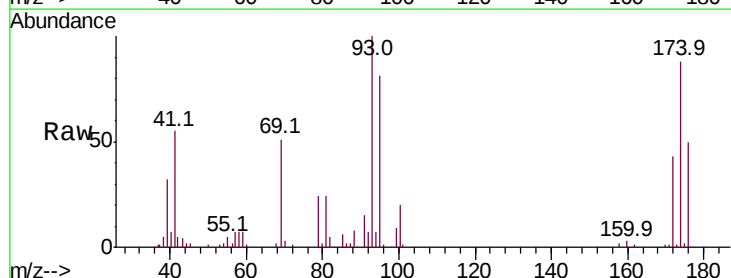
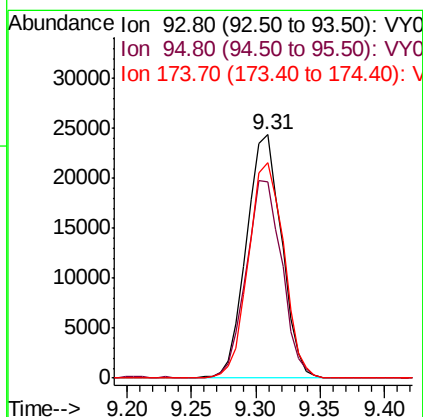
Delta R.T. -0.00 min

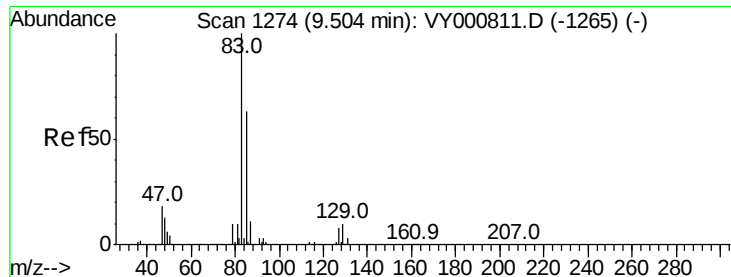
Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion: 93 Resp: 45993

Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.4	99.6
174	89.1	73.0	109.6





#47

Bromodichloromethane

Concen: 20.187 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

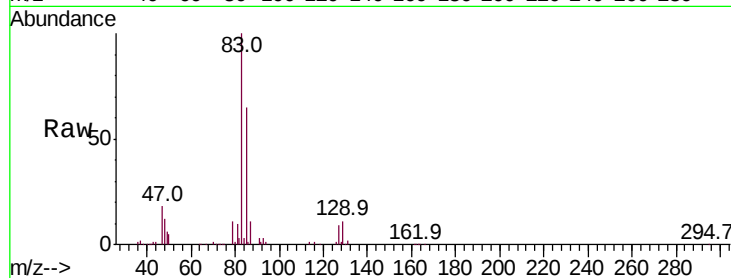
Tot Ion: 83 Resp: 105573

Ion Ratio Lower Upper

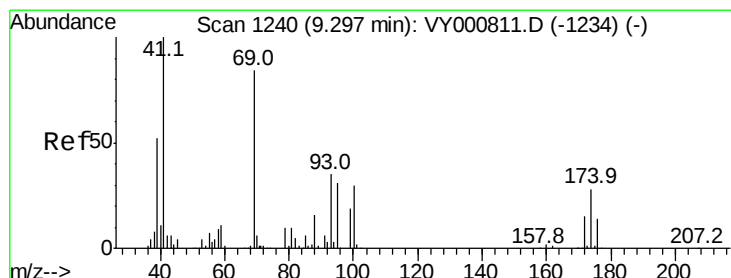
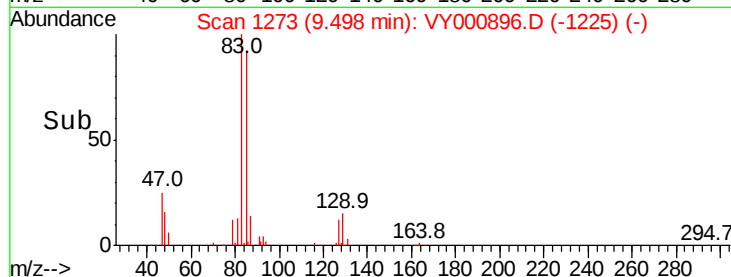
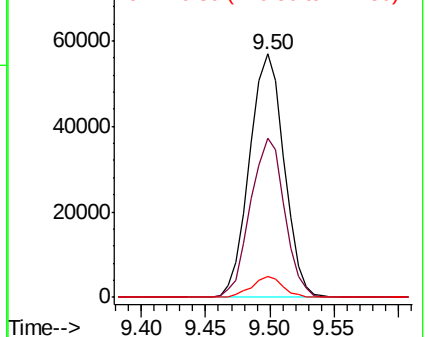
83 100

85 65.4 50.8 76.2

127 8.7 6.6 10.0



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



#48

Methyl methacrylate

Concen: 19.158 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

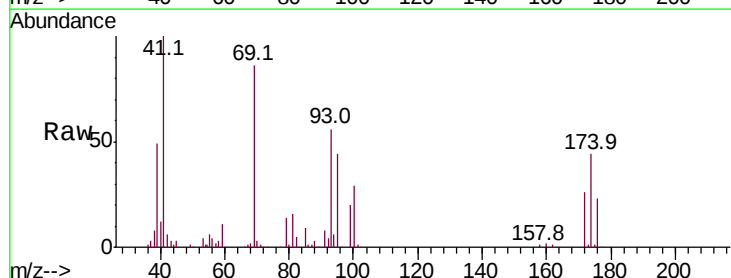
Tgt Ion: 41 Resp: 53382

Ion Ratio Lower Upper

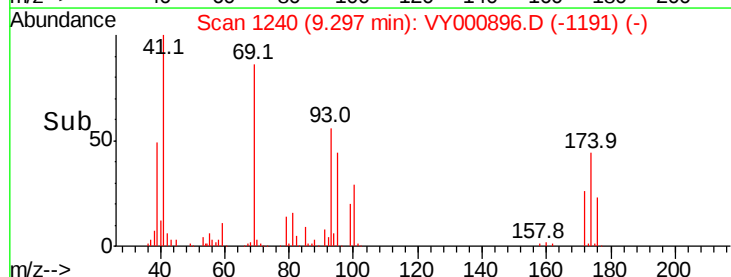
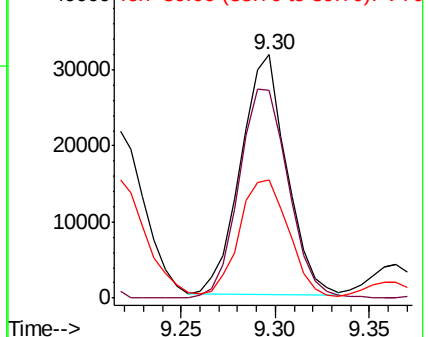
41 100

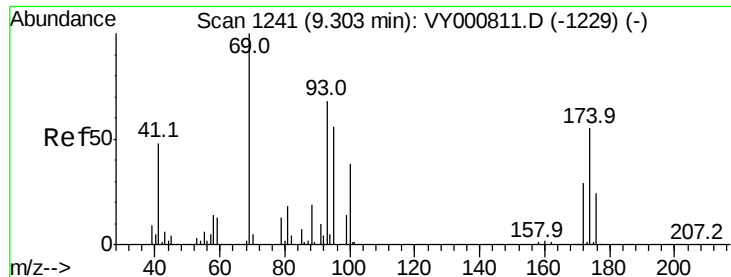
69 93.8 70.4 105.6

39 53.6 40.9 61.3



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: 371.776 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :

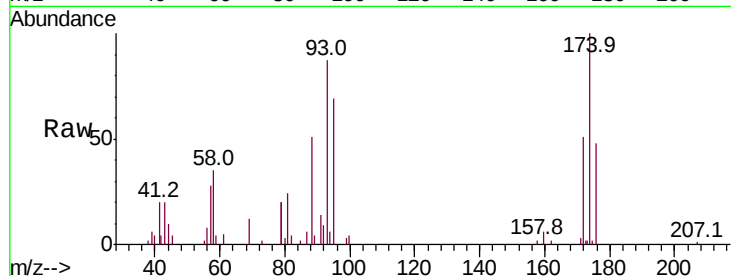
Tot Ion: 88 Resp: 11727

Ion Ratio Lower Upper

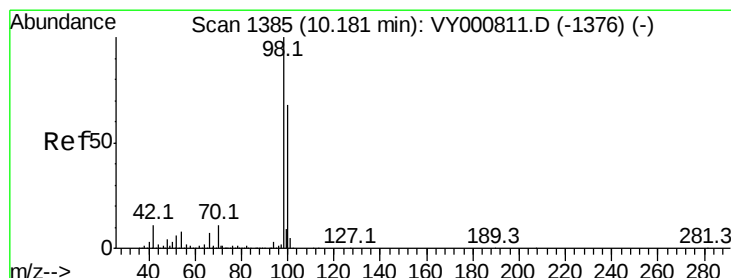
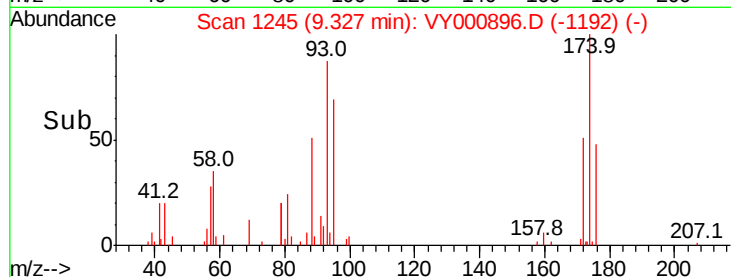
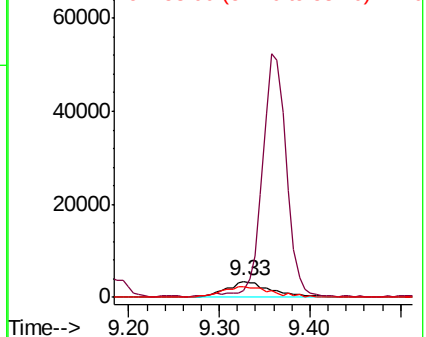
88 100

43 0.0 21.1 31.7#

58 76.8 50.7 76.1#



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: 52.547 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000896.D

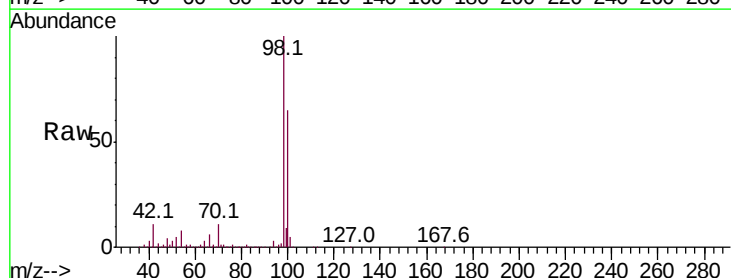
Acq: 06 Dec 2019 13:12

Tgt Ion: 98 Resp: 717066

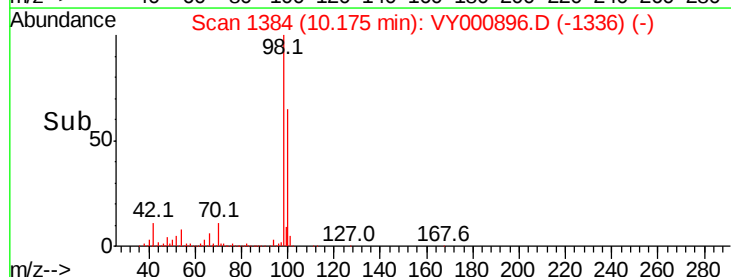
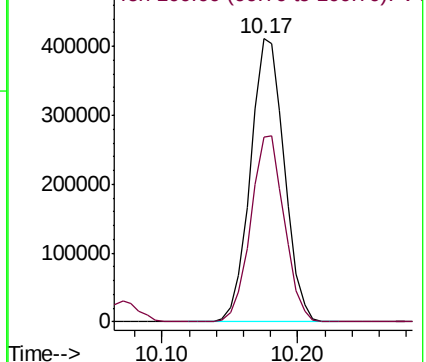
Ion Ratio Lower Upper

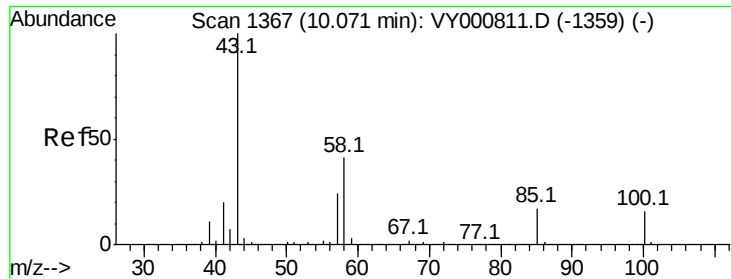
98 100

100 65.3 53.1 79.7



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





#51

4-Methyl-2-Pentanone

Concen: 96.952 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

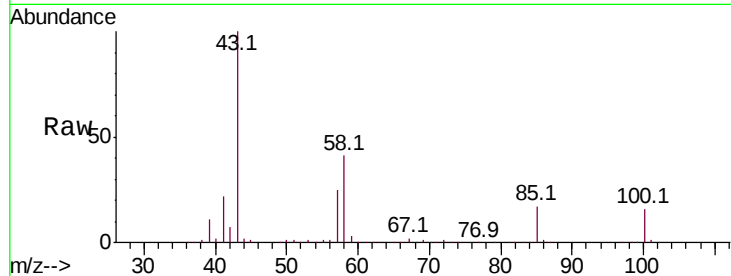
ClientSampleId :

Tot Ion: 43 Resp: 317417

Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

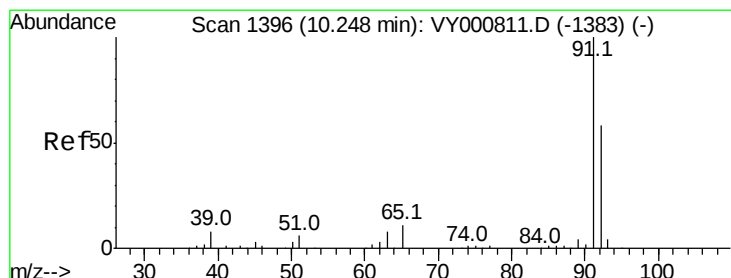
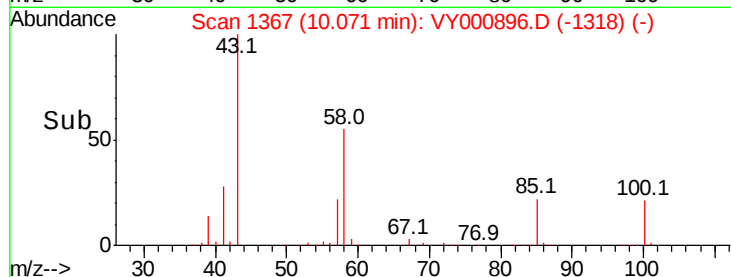
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.438 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000896.D

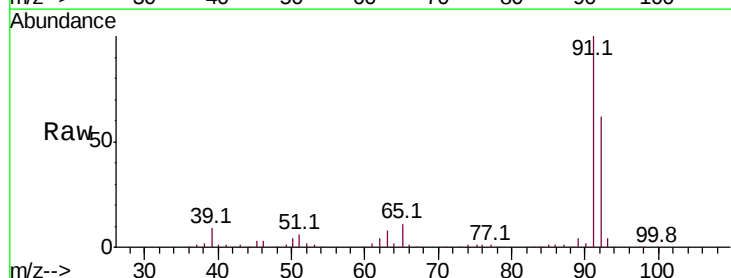
Acq: 06 Dec 2019 13:12

Tgt Ion: 92 Resp: 225147

Ion Ratio Lower Upper

92 100

91 168.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

250000

200000

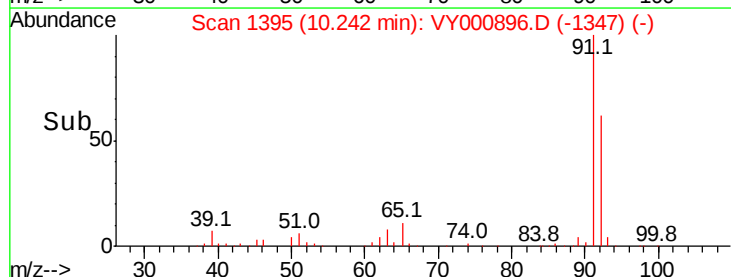
150000

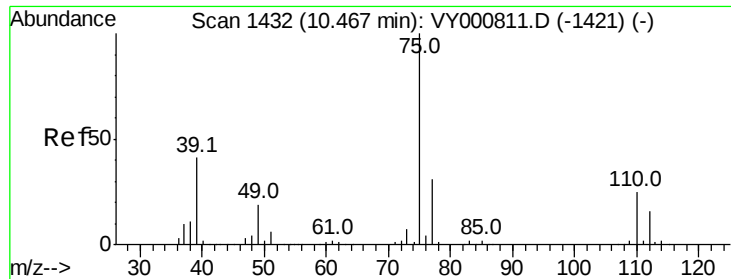
100000

50000

0

Time-->

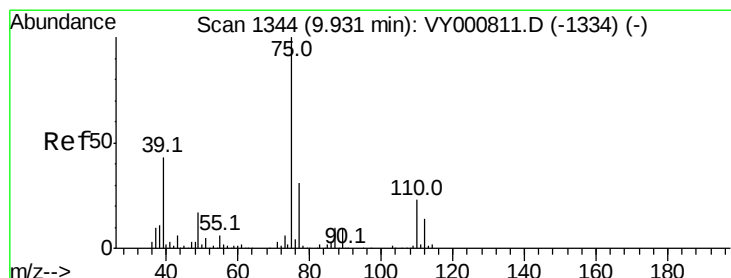
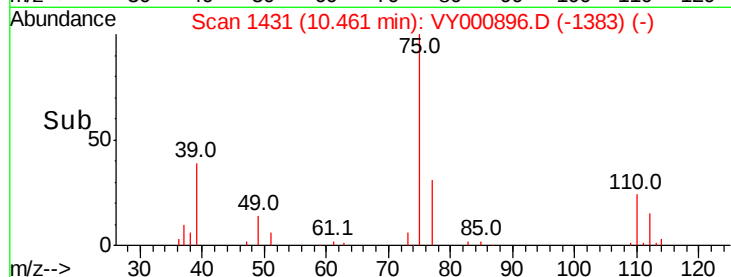
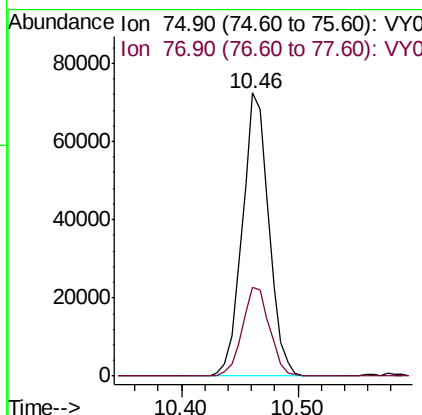
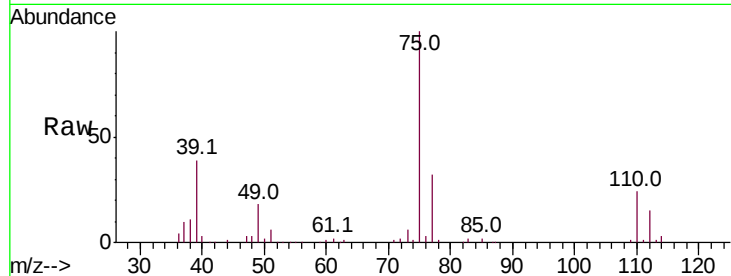




#53
t-1,3-Dichloropropene
Concen: 20.525 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

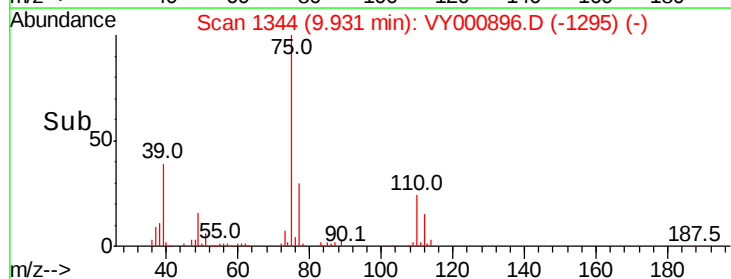
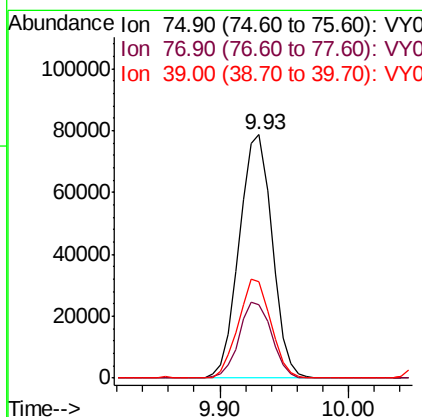
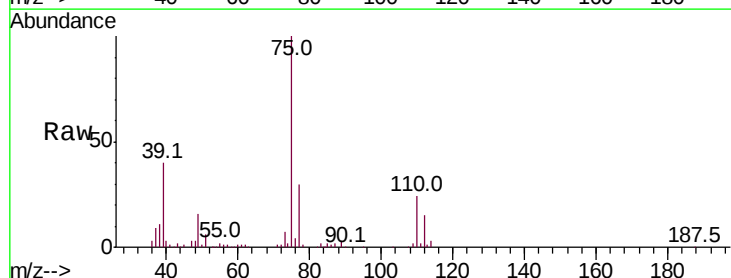
Instrument :
MSVOA_Y
ClientSampleId :

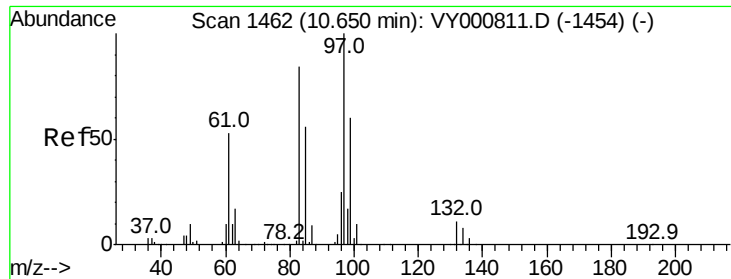
Tot Ion: 75 Resp: 115320
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.943 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 75 Resp: 139084
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 39.4 34.5 51.7



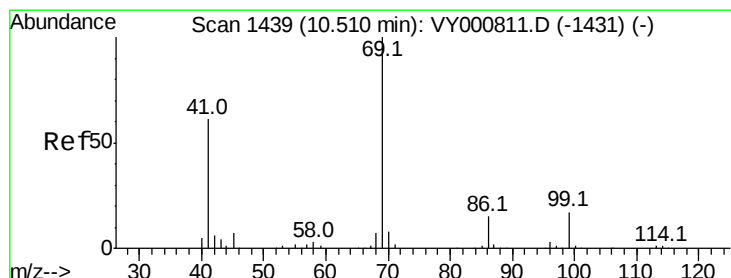
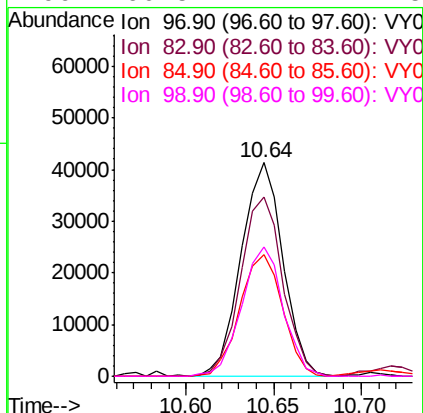
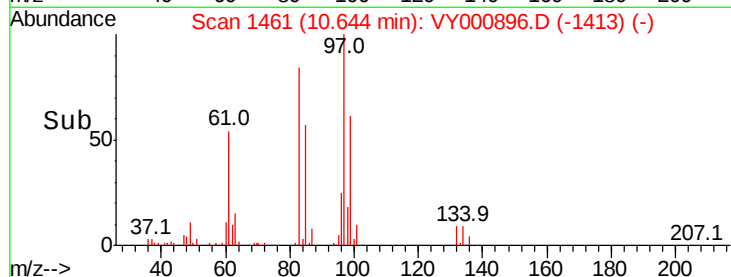
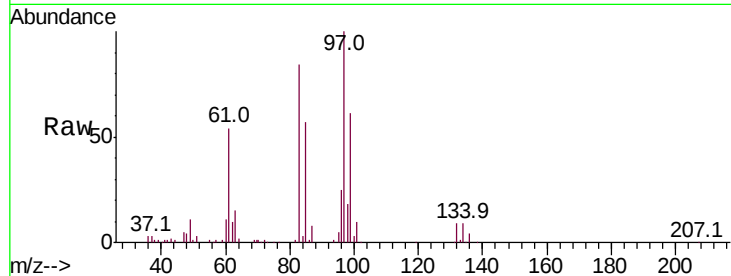


#55
 1,1,2-Trichloroethane
 Concen: 20.927 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 68830

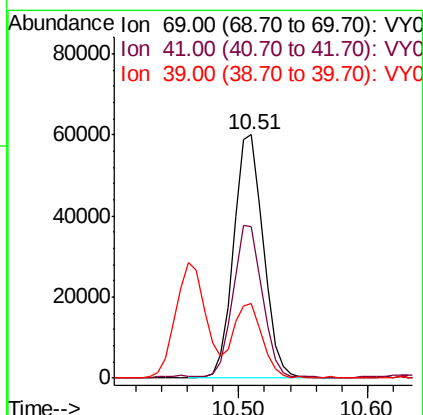
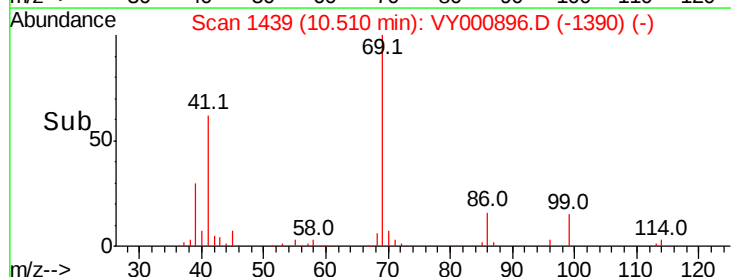
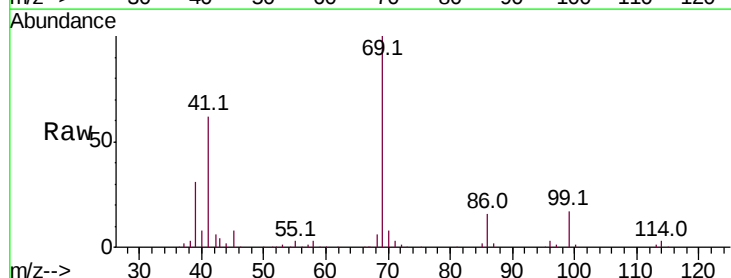
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.5	101.3
85	57.0	44.5	66.7
99	60.5	47.7	71.5

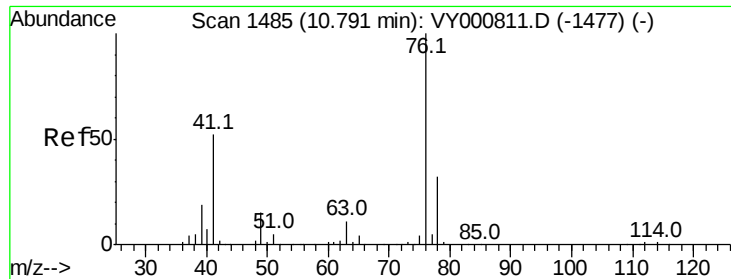


#56
 Ethyl methacrylate
 Concen: 20.445 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion: 69 Resp: 96197

Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.0	73.6
39	30.0	23.1	34.7





#57

1,3-Dichloropropane

Concen: 20.686 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

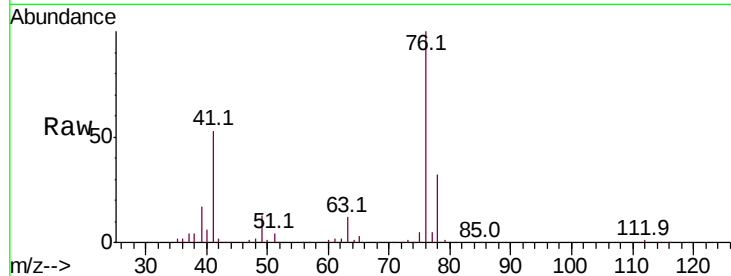
ClientSampleId :

Tot Ion: 76 Resp: 118583

Ion Ratio Lower Upper

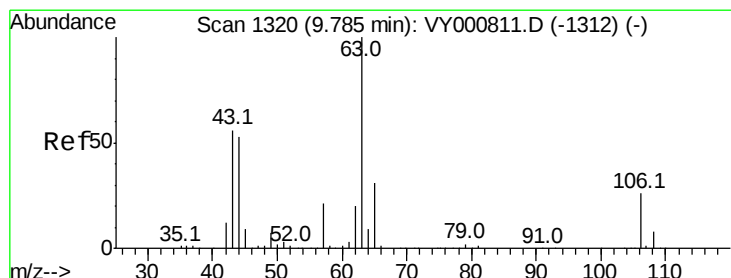
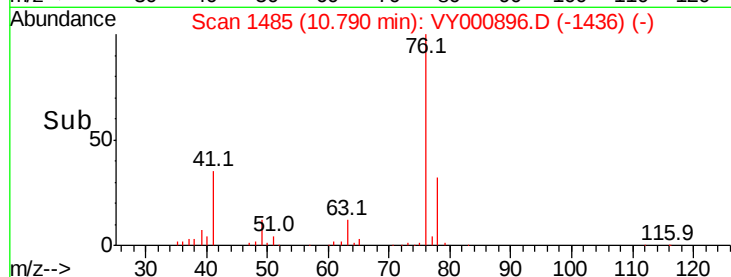
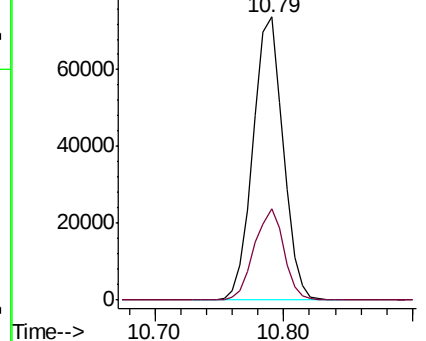
76 100

78 31.6 26.4 39.6



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: 102.394 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000896.D

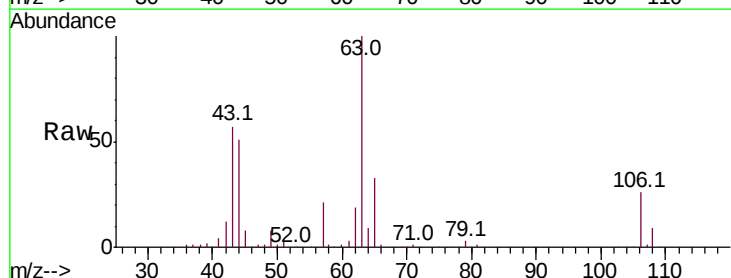
Acq: 06 Dec 2019 13:12

Tgt Ion: 63 Resp: 194255

Ion Ratio Lower Upper

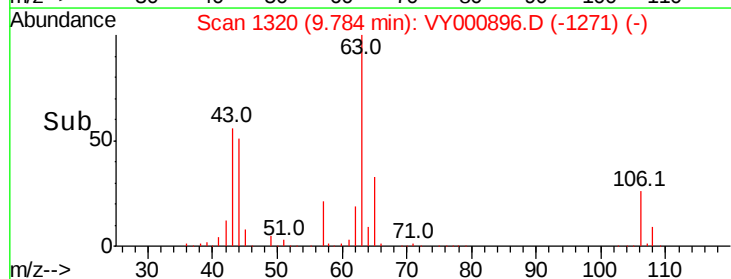
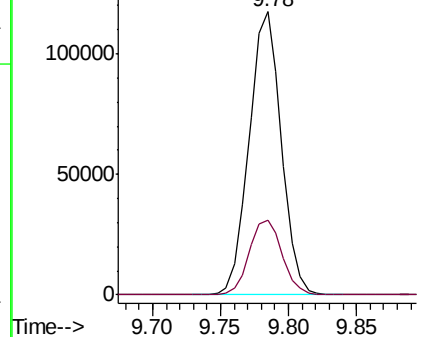
63 100

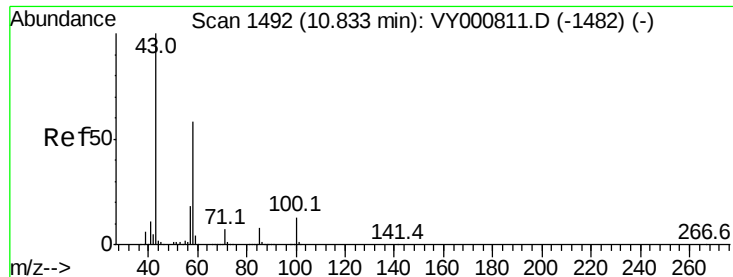
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

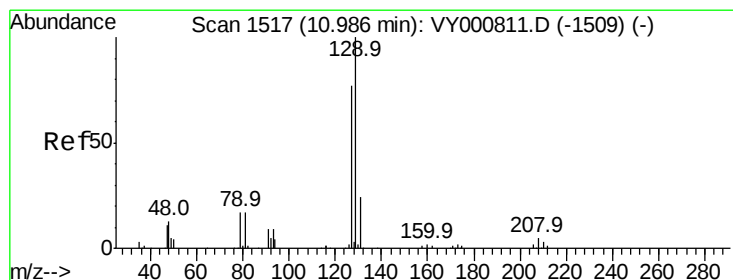
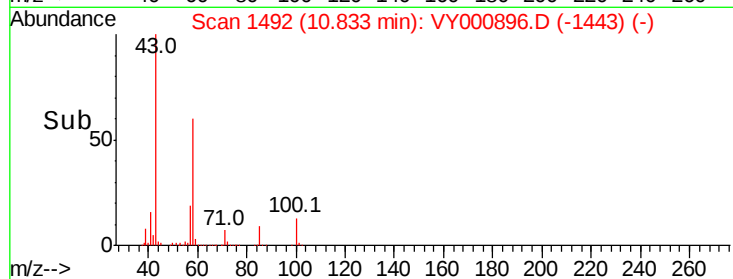
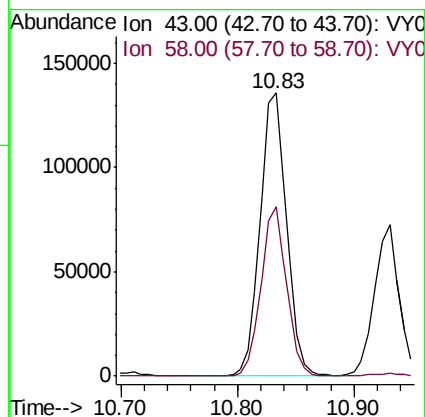
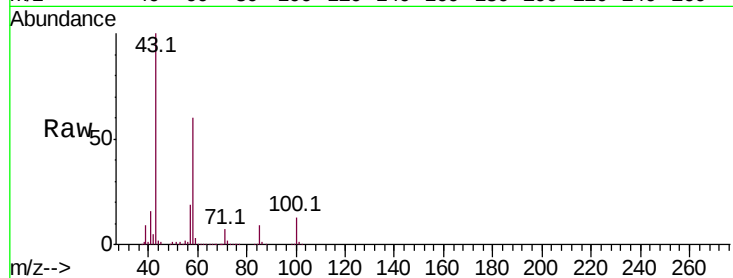




#59
2-Hexanone
Concen: 90.681 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

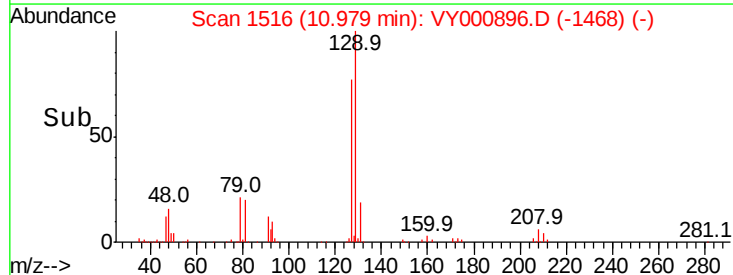
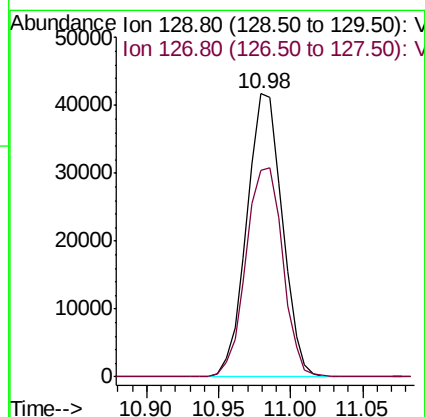
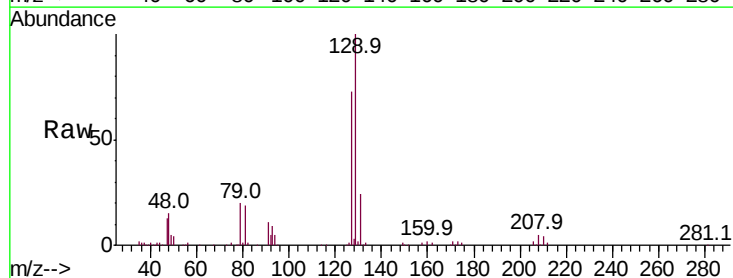
Instrument :
MSVOA_Y
ClientSampleId :

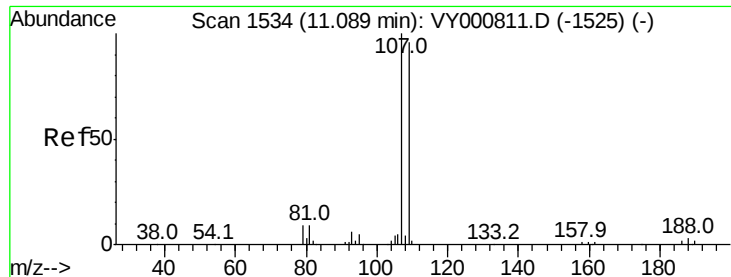
Tot Ion: 43 Resp: 216333
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1



#60
Dibromochloromethane
Concen: 20.135 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 129 Resp: 71291
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.352 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

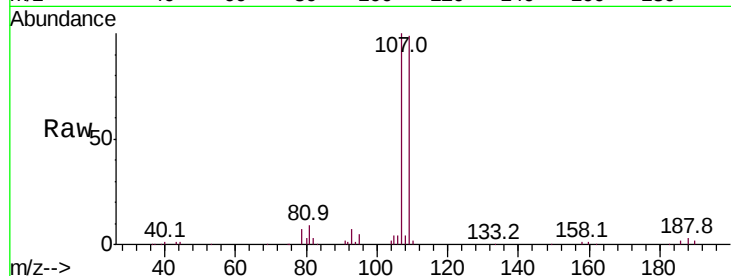
ClientSampleId :

Tot Ion:107 Resp: 63086

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

40000

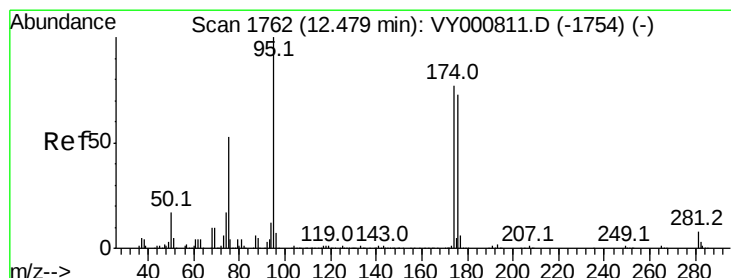
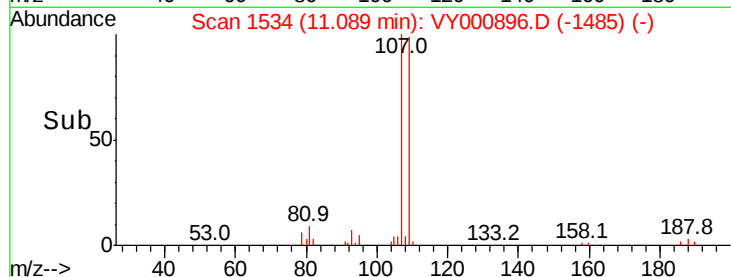
30000

20000

10000

0

Time--> 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 47.712 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

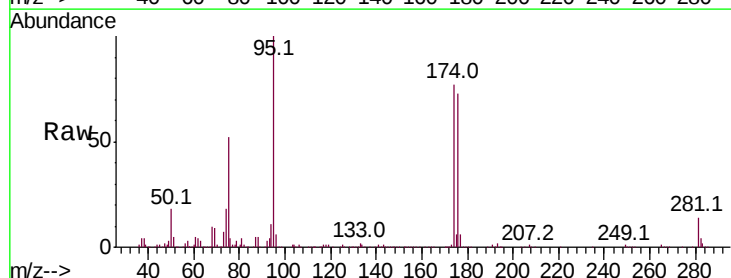
Tgt Ion: 95 Resp: 244520

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.6

176 74.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

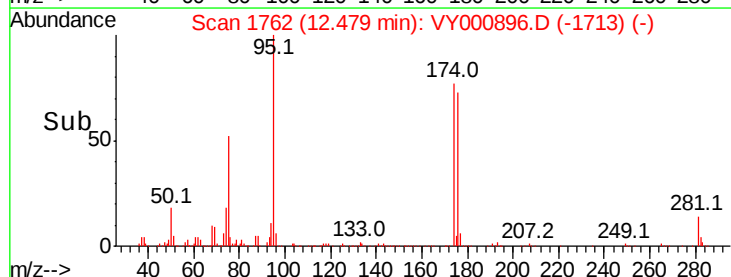
150000

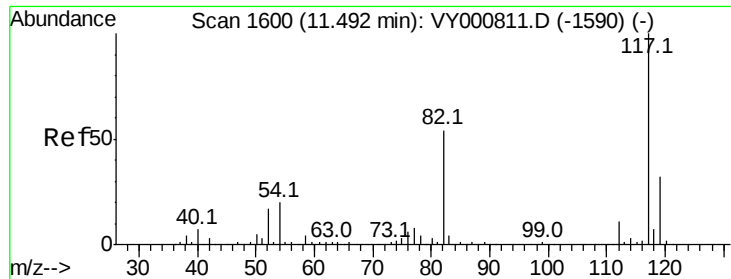
100000

50000

0

Time--> 12.40 12.45 12.50 12.55

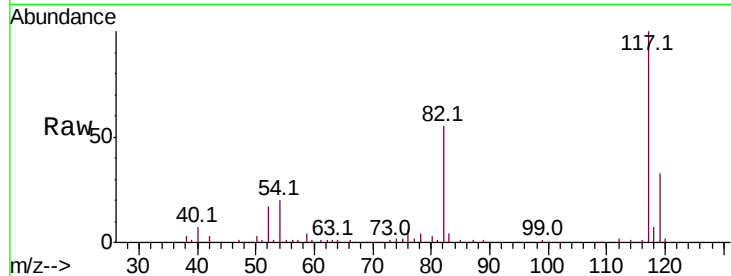




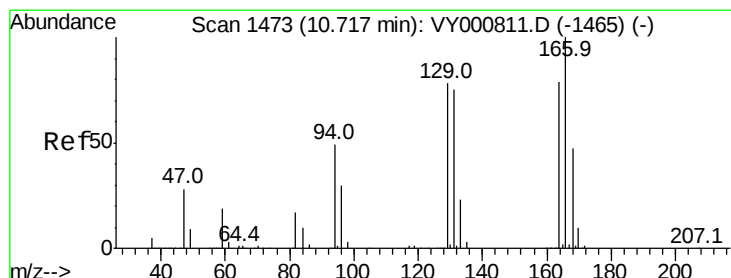
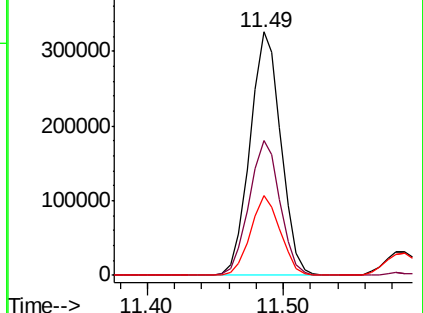
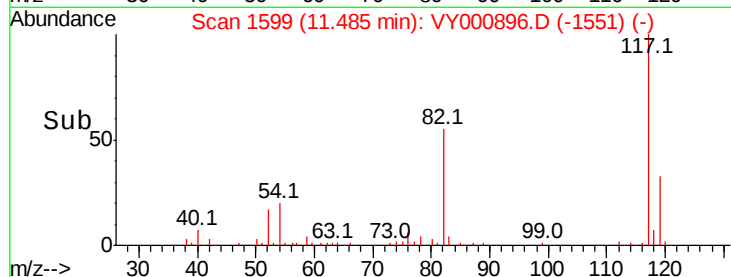
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 519241
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 32.6 25.3 37.9

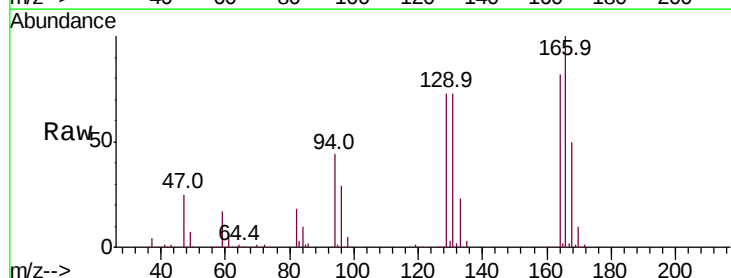


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

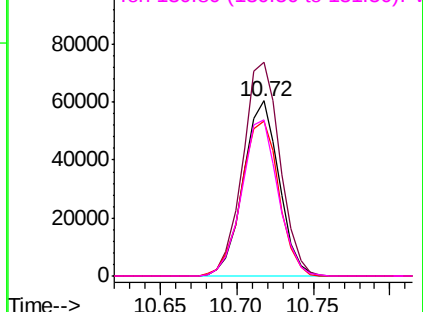
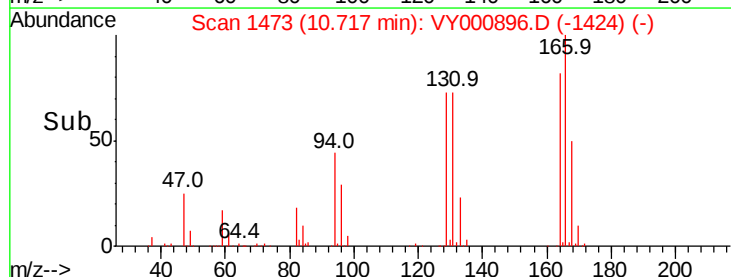


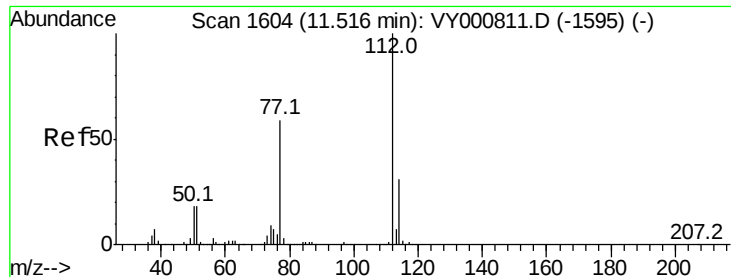
#64
Tetrachloroethene
Concen: 21.816 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion:164 Resp: 98420
Ion Ratio Lower Upper
164 100
166 122.2 101.8 152.8
129 89.0 79.3 118.9
131 89.3 76.4 114.6



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

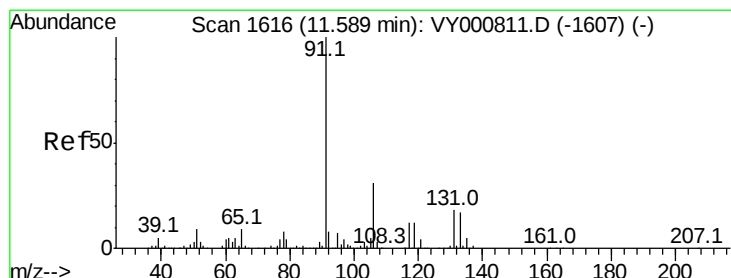
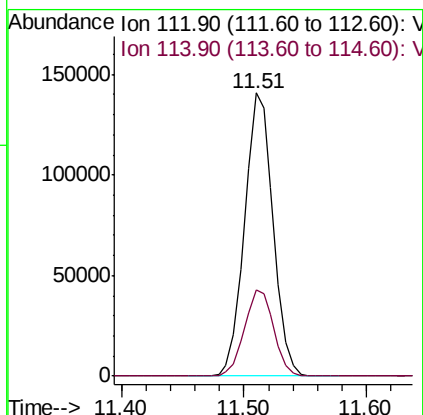
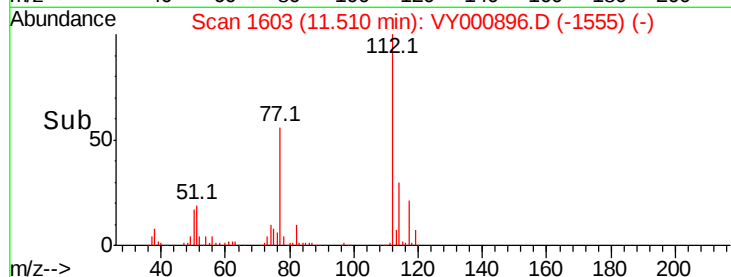
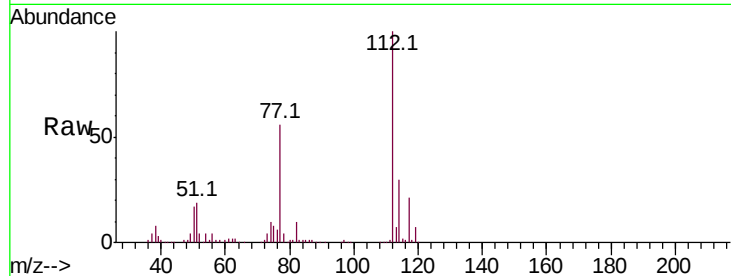




#65
Chlorobenzene
Concen: 21.050 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

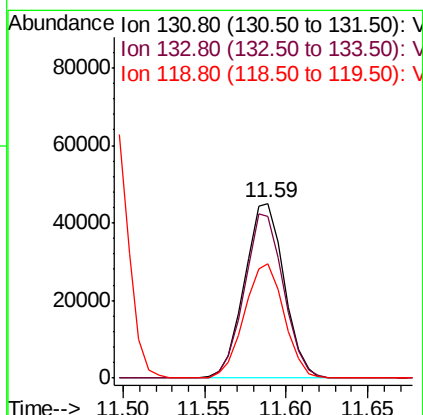
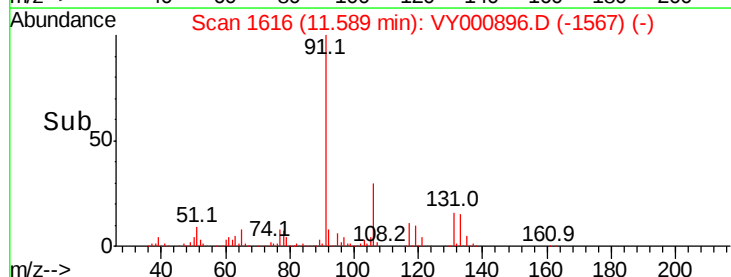
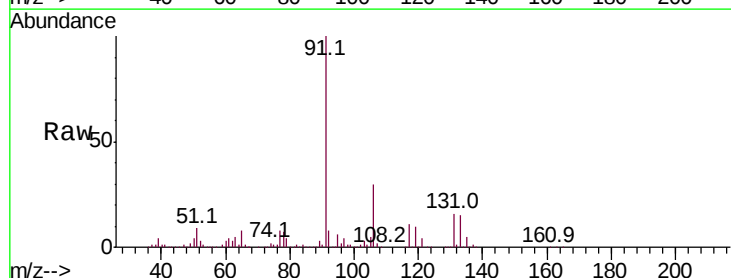
Instrument :
MSVOA_Y
ClientSampleId :

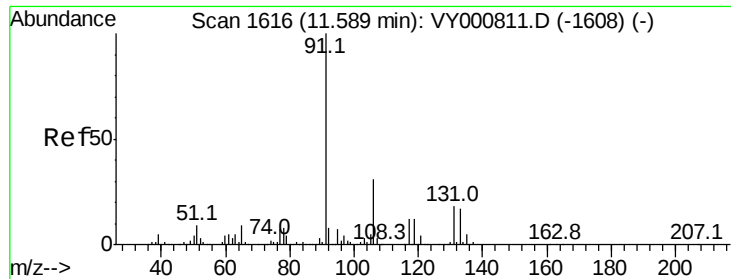
Tot Ion:112 Resp: 227201
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.900 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion:131 Resp: 76019
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 65.9 33.8 101.3

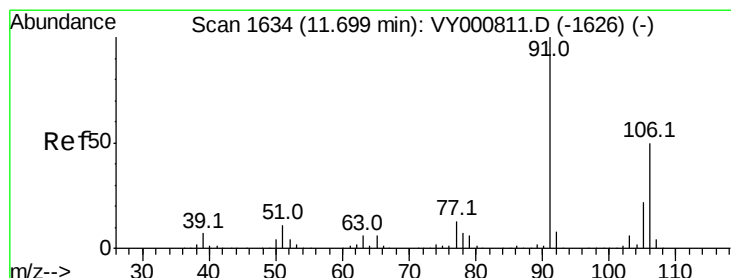
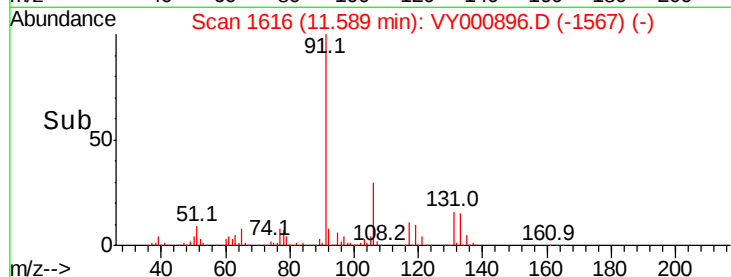
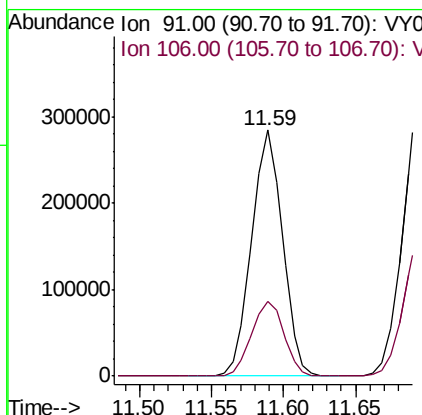
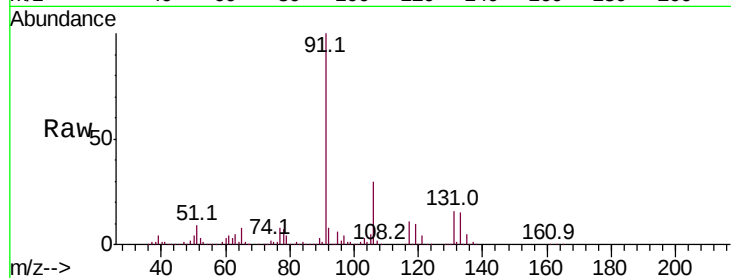




#67
Ethyl Benzene
Concen: 21.037 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

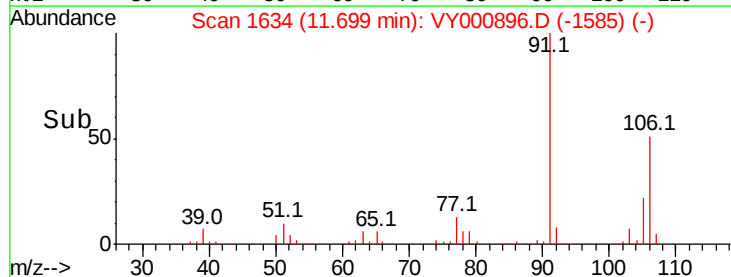
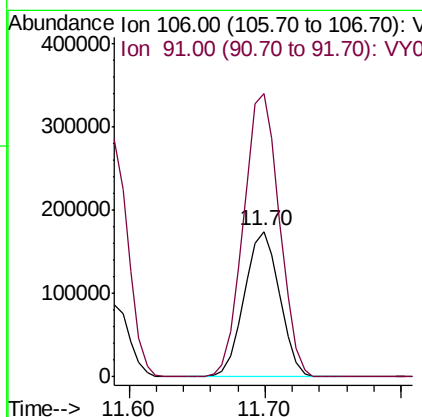
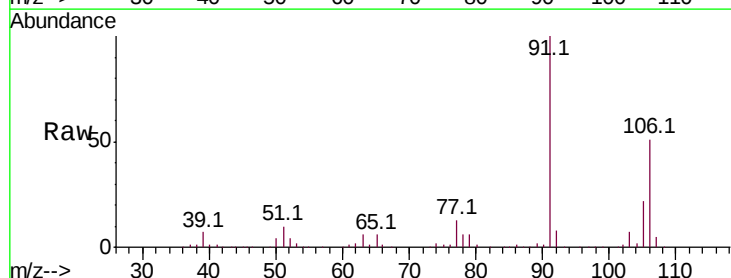
Instrument :
MSVOA_Y
ClientSampled :

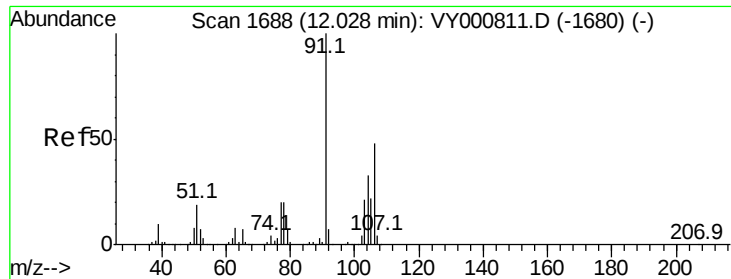
Tot Ion: 91 Resp: 422872
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 41.932 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 106 Resp: 316373
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4

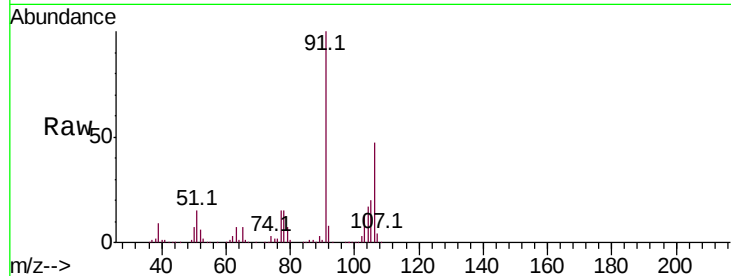




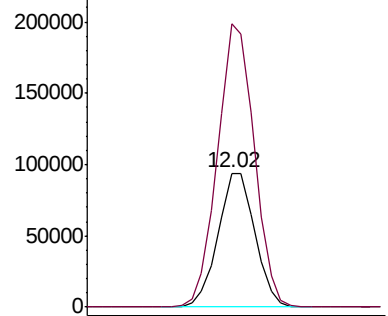
#69
o-Xylene
Concen: 21.125 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampled :

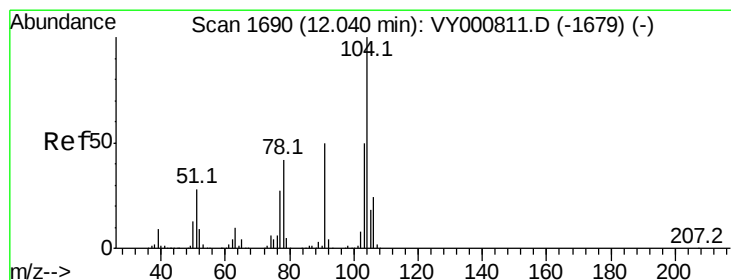
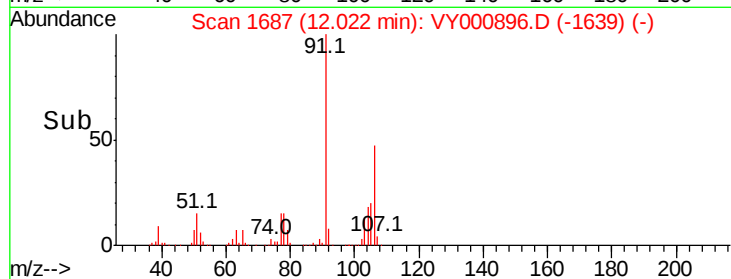
Tot Ion:106 Resp: 148612
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

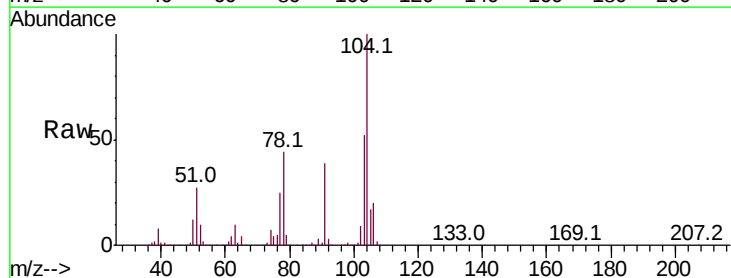


Time-->

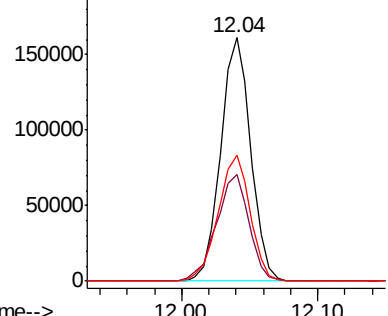


#70
Styrene
Concen: 20.714 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

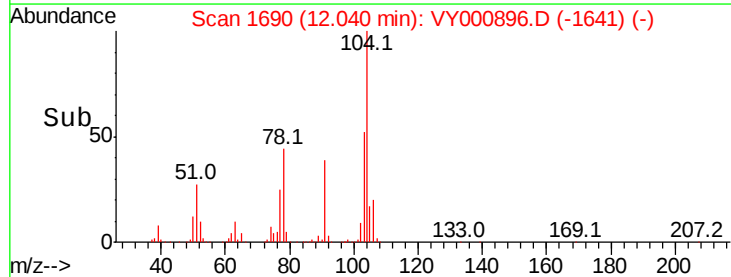
Tgt Ion:104 Resp: 249518
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 55.2 43.4 65.0

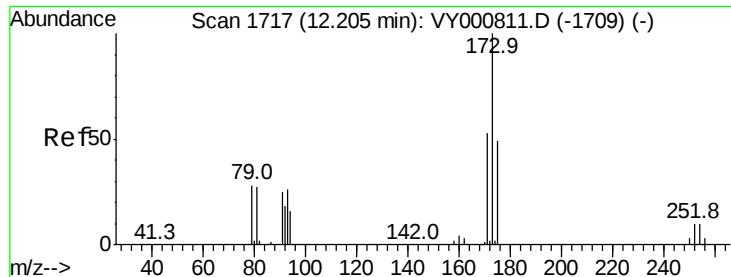


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.878 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

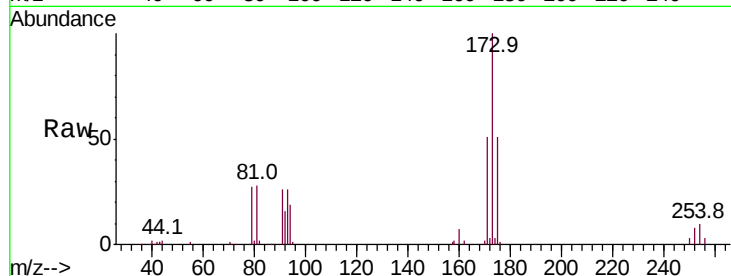
Tot Ion:173 Resp: 40779

Ion Ratio Lower Upper

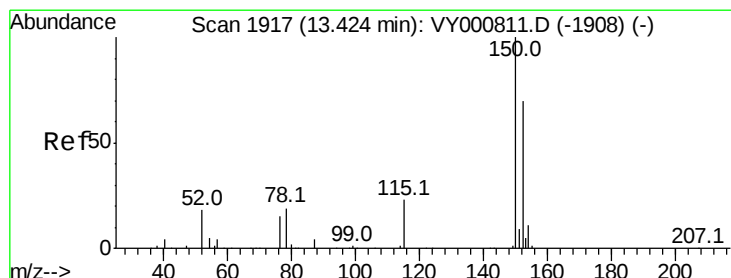
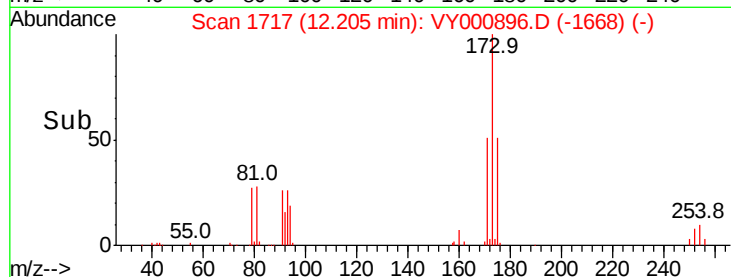
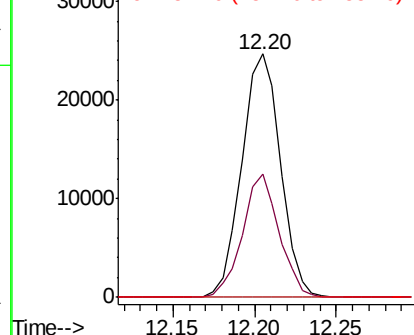
173 100

175 48.1 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

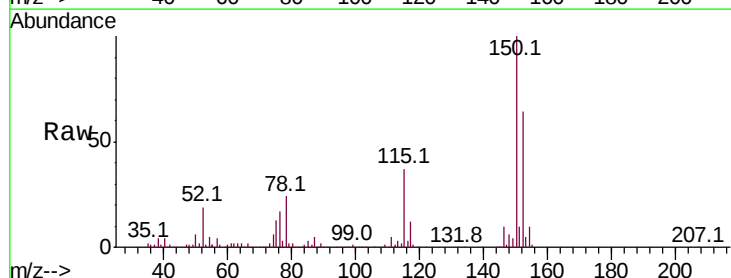
Tgt Ion:152 Resp: 244215

Ion Ratio Lower Upper

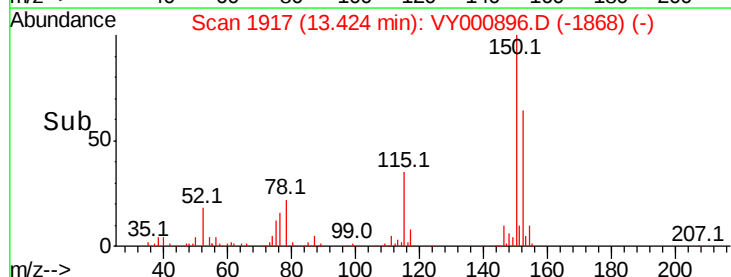
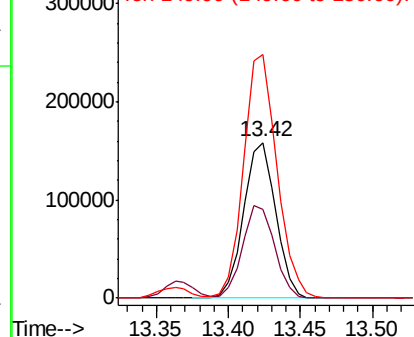
152 100

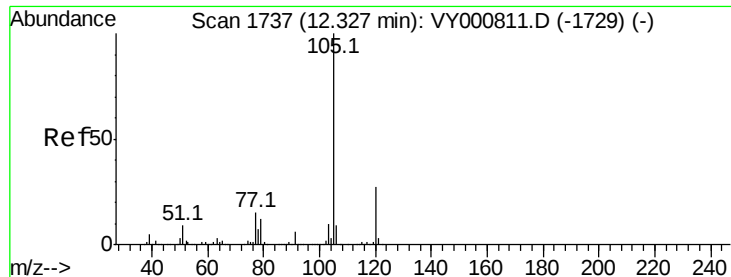
115 59.5 29.3 87.8

150 162.9 0.0 351.2



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





#73

Isopropylbenzene

Concen: 20.403 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

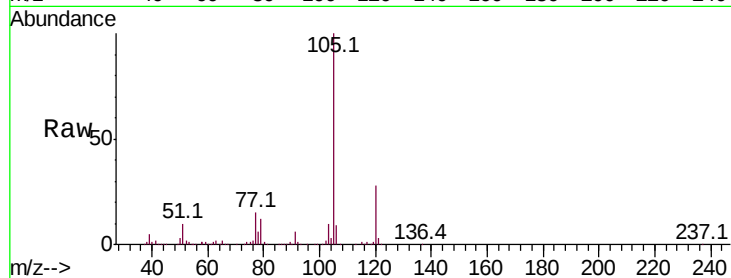
ClientSampleId :

Tot Ion:105 Resp: 396735

Ion Ratio Lower Upper

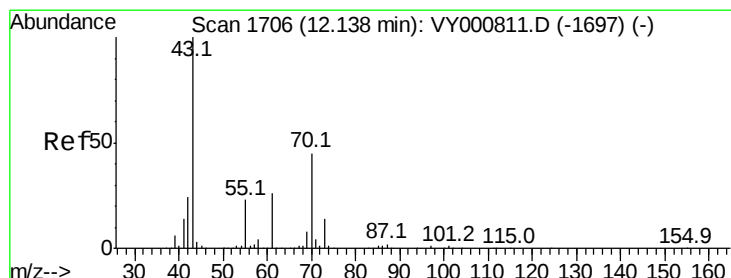
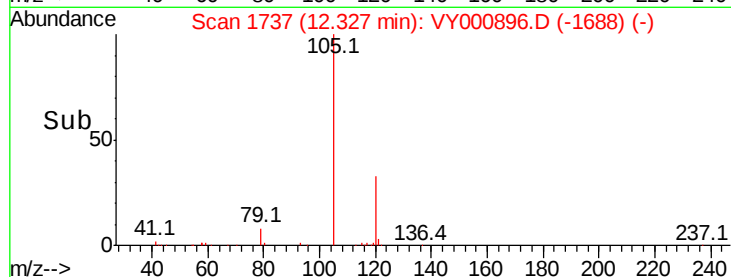
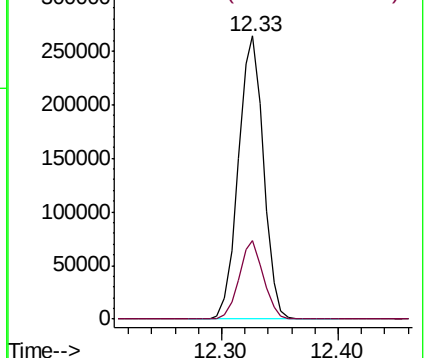
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.329 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion: 43 Resp: 104615

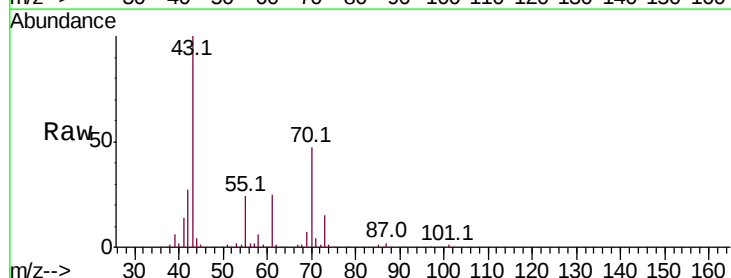
Ion Ratio Lower Upper

43 100

70 46.1 36.6 54.8

55 23.6 18.8 28.2

61 25.7 21.0 31.6

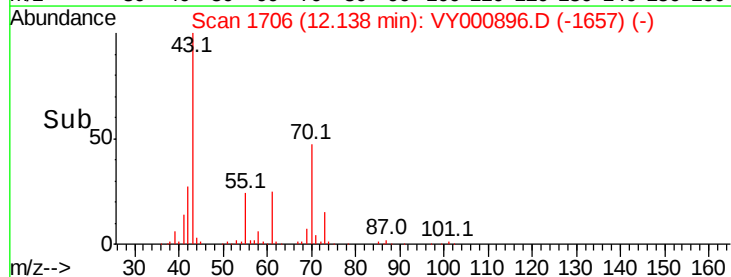
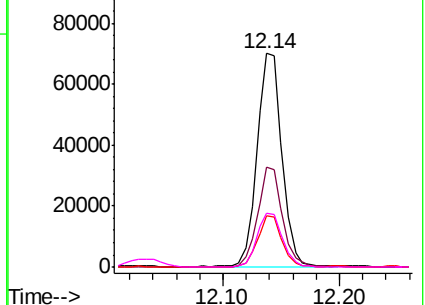


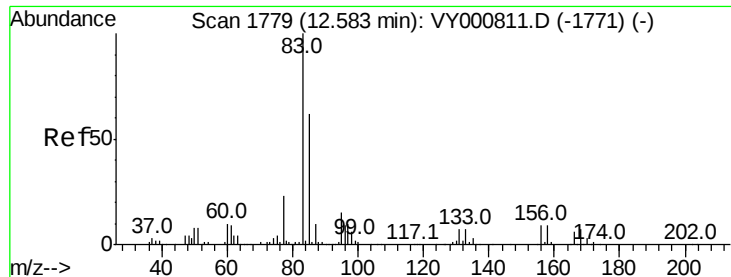
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.359 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampled :

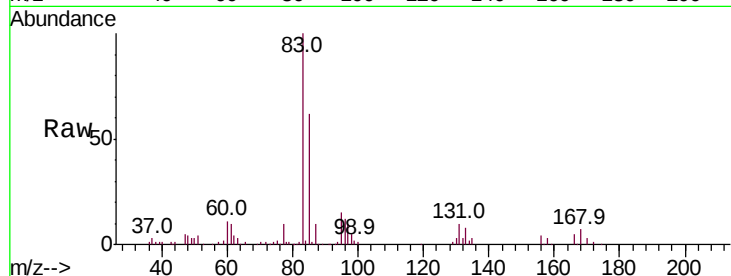
Tot Ion: 83 Resp: 74172

Ion Ratio Lower Upper

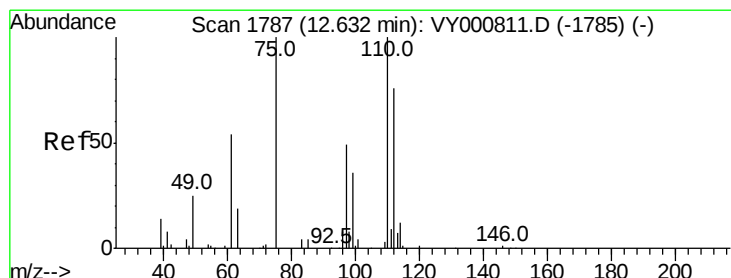
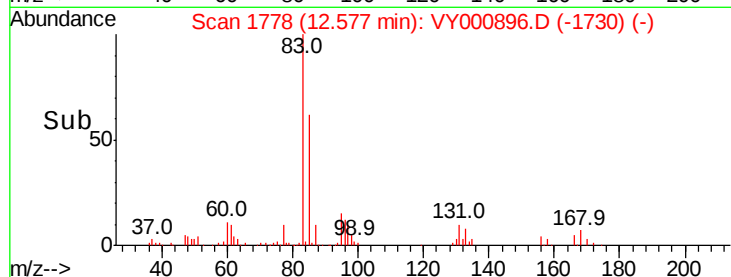
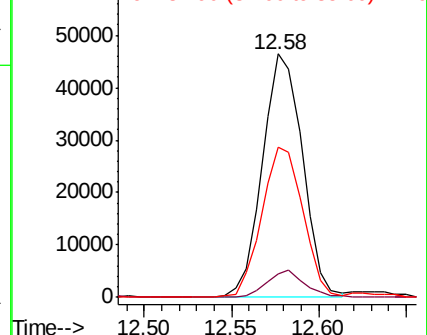
83 100

131 10.2 4.3 13.1

85 63.4 32.4 97.0



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: 38.166 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000896.D

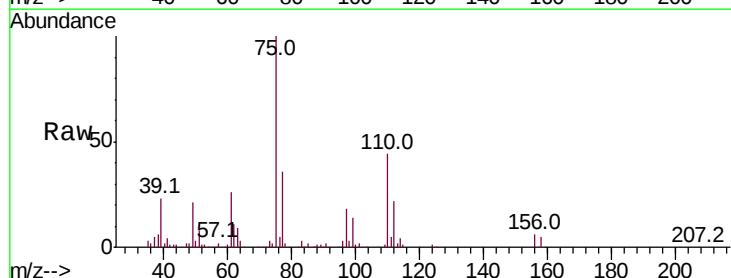
Acq: 06 Dec 2019 13:12

Tgt Ion: 75 Resp: 105602

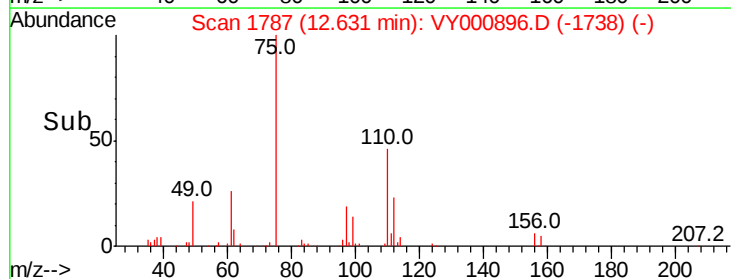
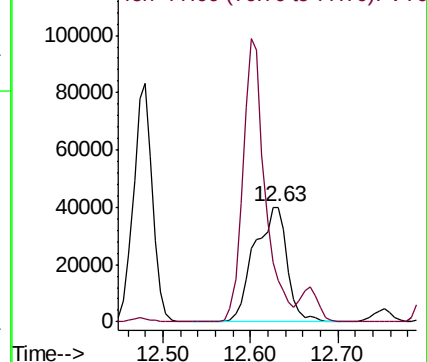
Ion Ratio Lower Upper

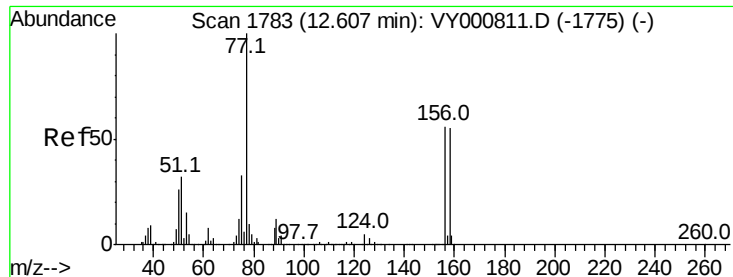
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.634 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampled :

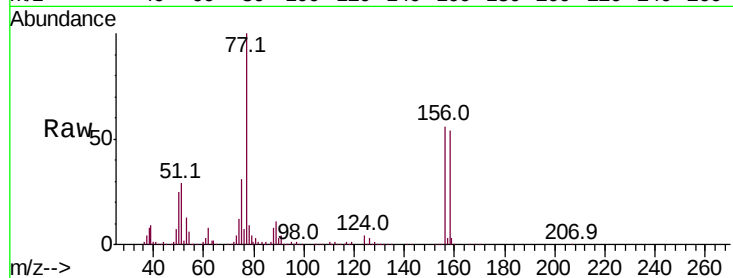
Tot Ion:156 Resp: 86973

Ion Ratio Lower Upper

156 100

77 202.6 102.6 307.7

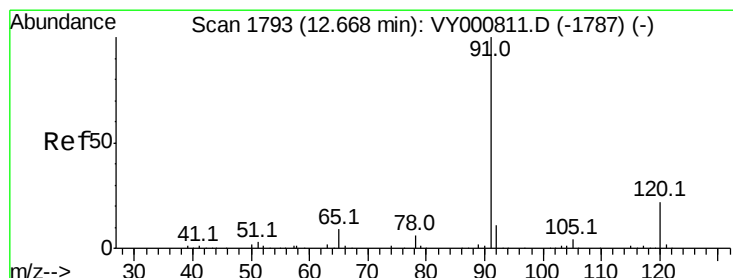
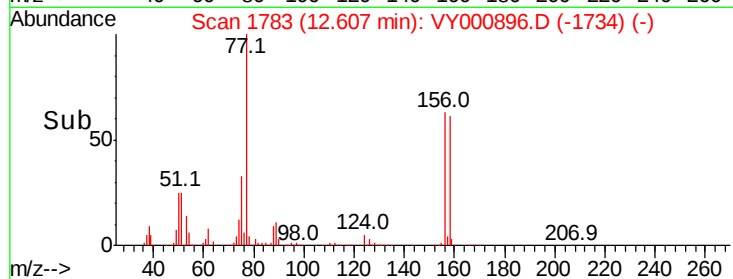
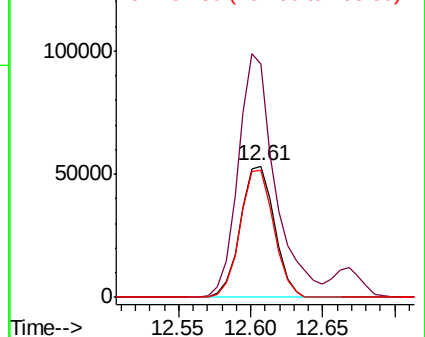
158 95.9 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.786 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000896.D

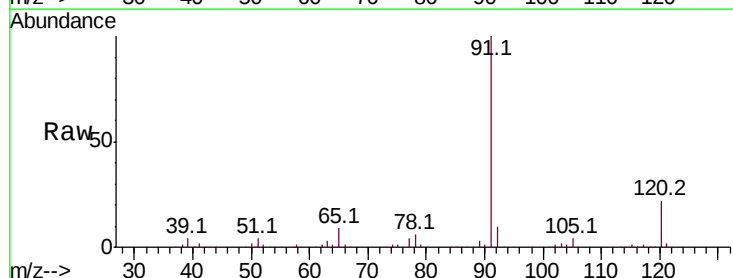
Acq: 06 Dec 2019 13:12

Tgt Ion: 91 Resp: 493502

Ion Ratio Lower Upper

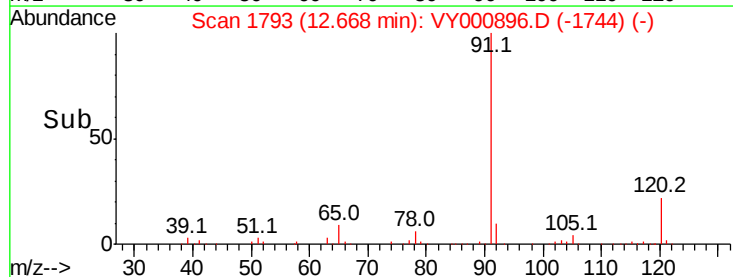
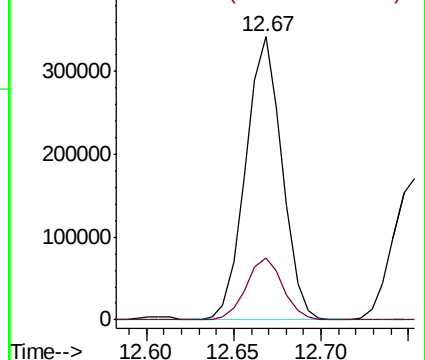
91 100

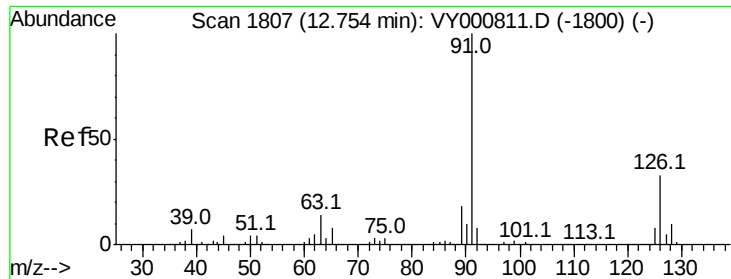
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

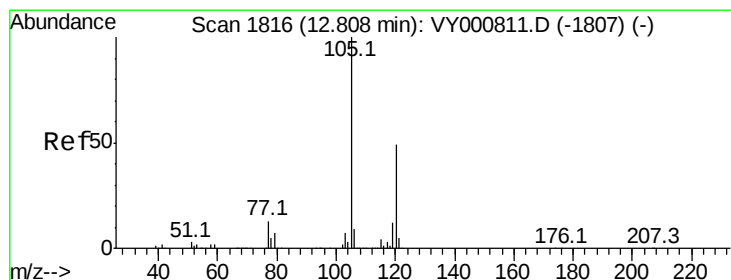
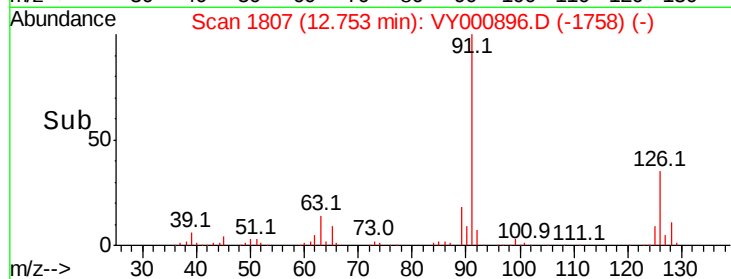
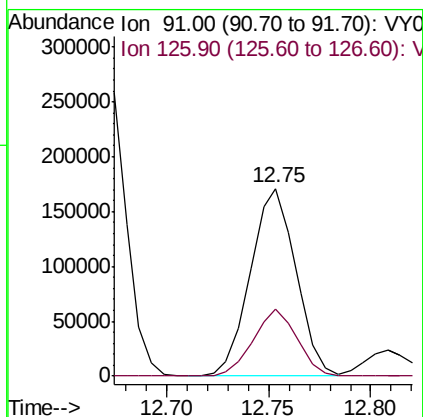
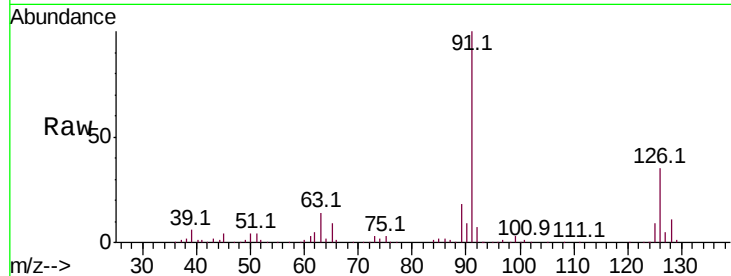




#79
 2-Chlorotoluene
 Concen: 20.302 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

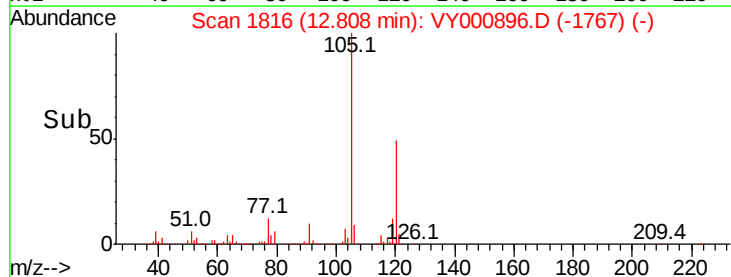
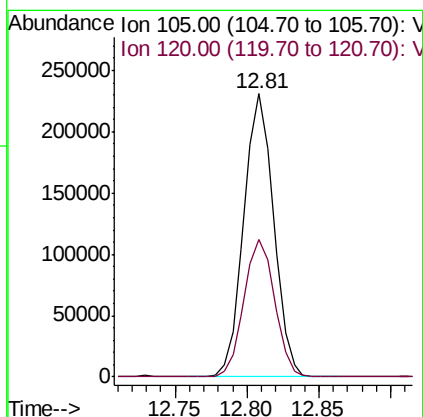
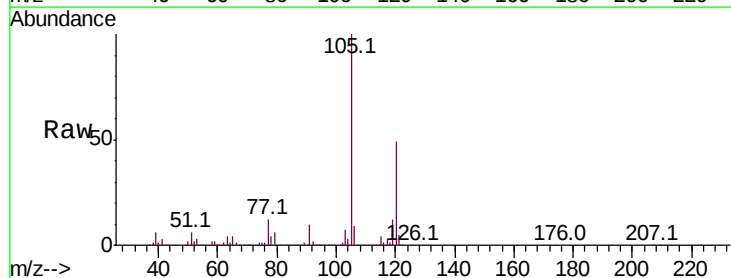
Instrument :
 MSVOA_Y
 ClientSampled :

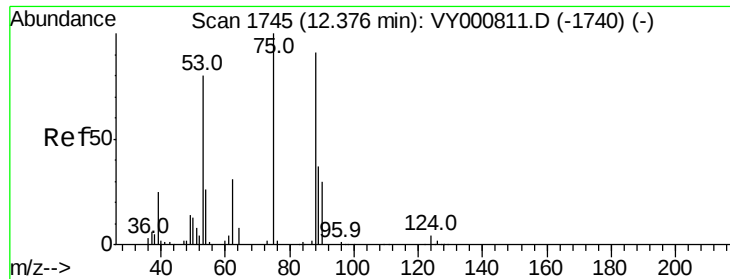
Tot Ion: 91 Resp: 266296
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.614 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion: 105 Resp: 331883
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.045 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampled :

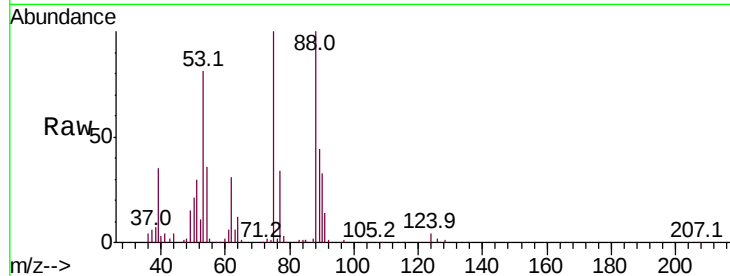
Tot Ion: 75 Resp: 26827

Ion Ratio Lower Upper

75 100

53 83.4 64.6 96.8

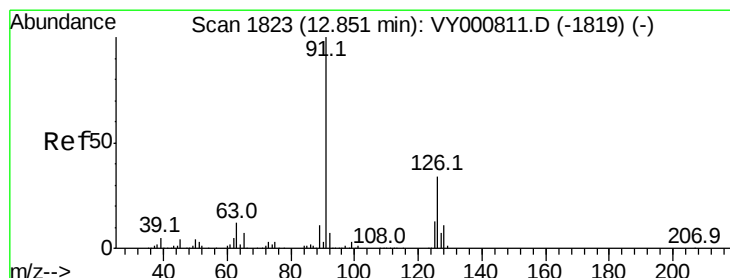
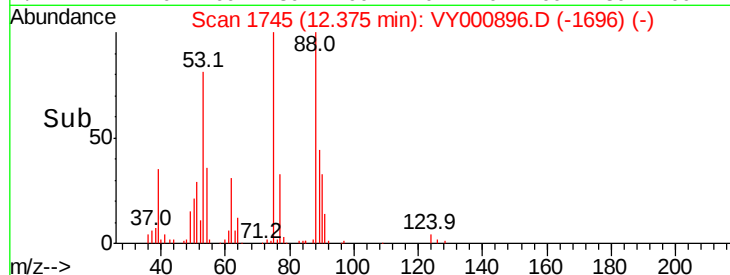
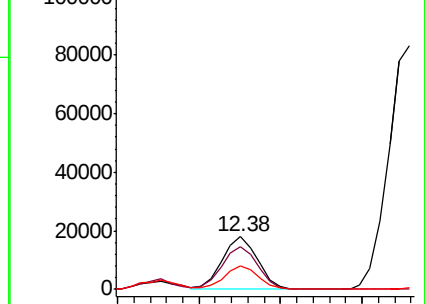
89 44.2 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.915 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000896.D

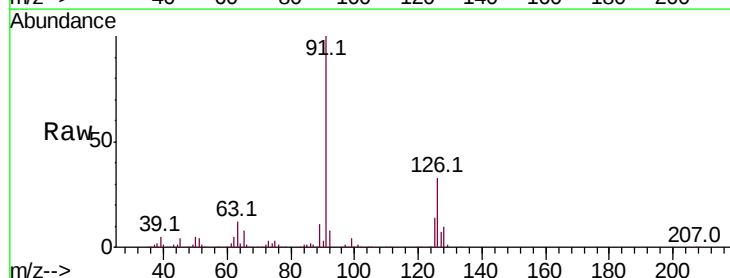
Acq: 06 Dec 2019 13:12

Tgt Ion: 91 Resp: 282635

Ion Ratio Lower Upper

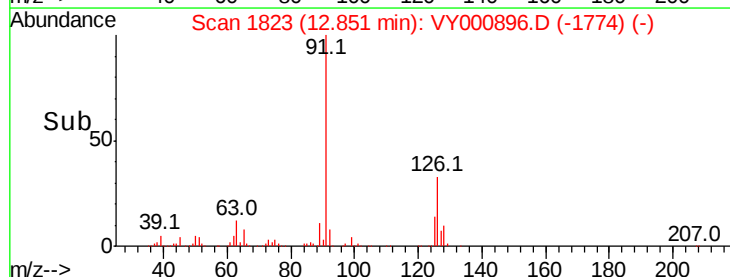
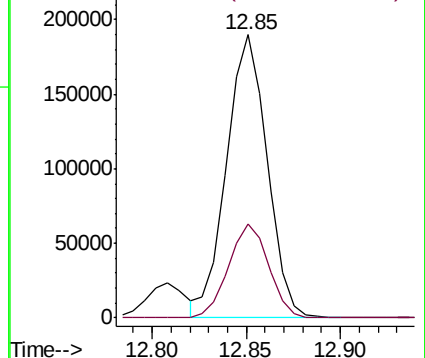
91 100

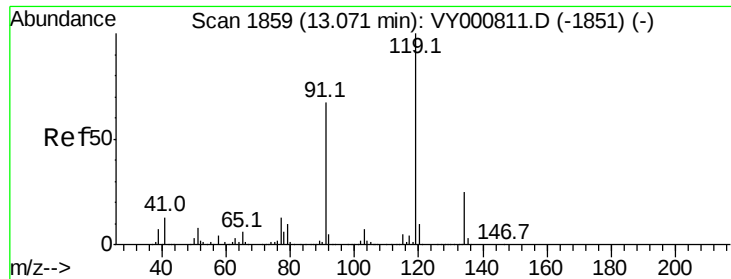
126 32.9 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

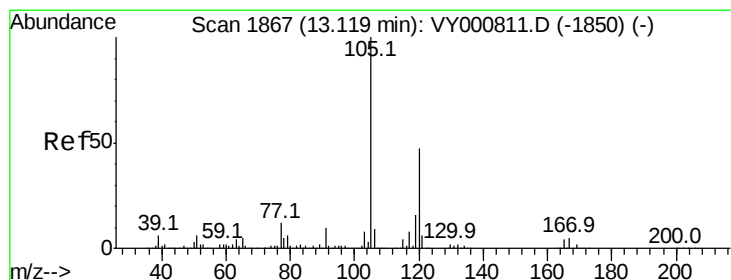
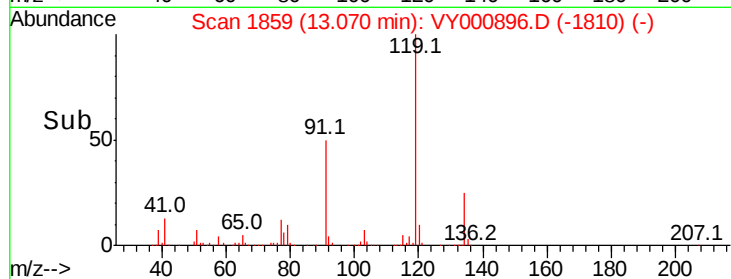
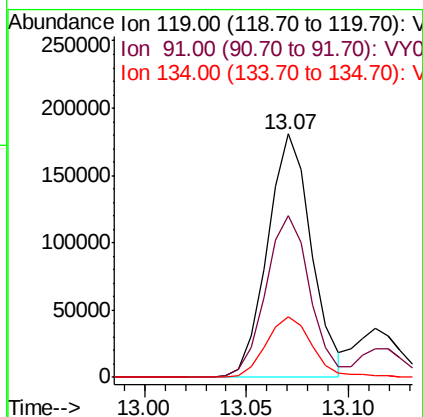
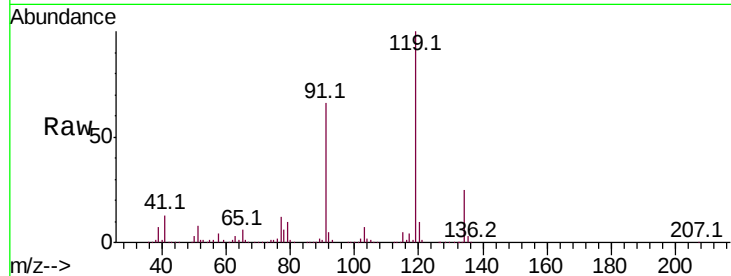




#83
tert-Butylbenzene
Concen: 20.046 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

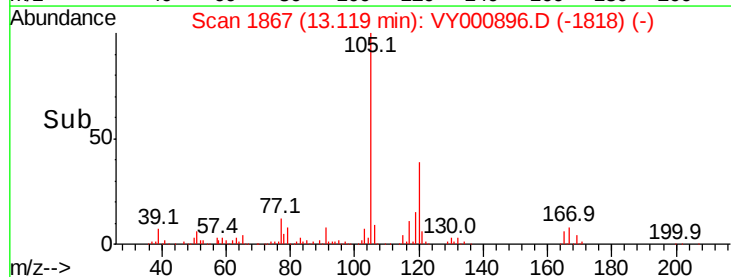
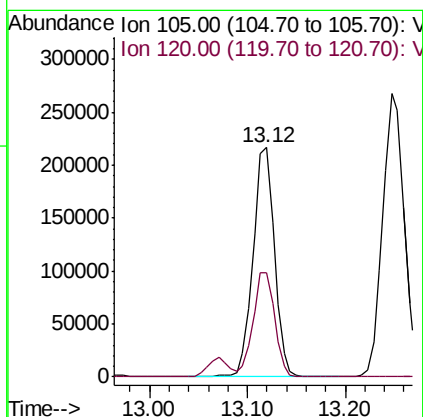
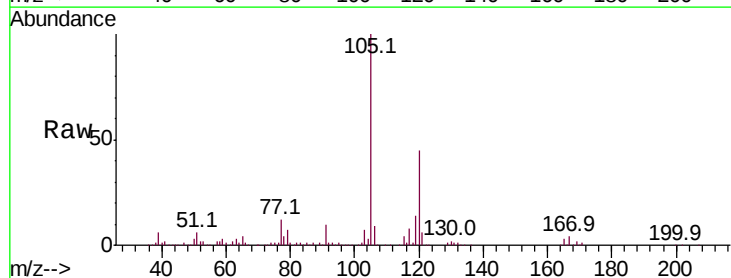
Instrument :
MSVOA_Y
ClientSampled :

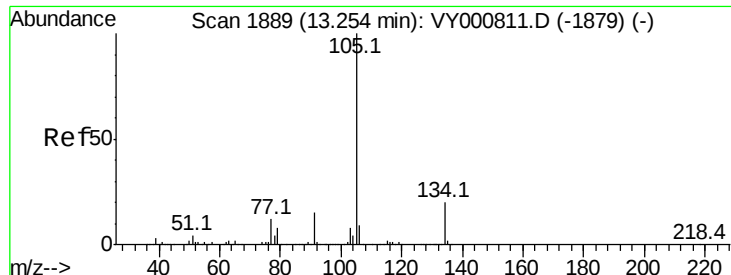
Tot Ion:119 Resp: 271339
Ion Ratio Lower Upper
119 100
91 66.8 32.3 96.8
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.494 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion:105 Resp: 330117
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.636 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

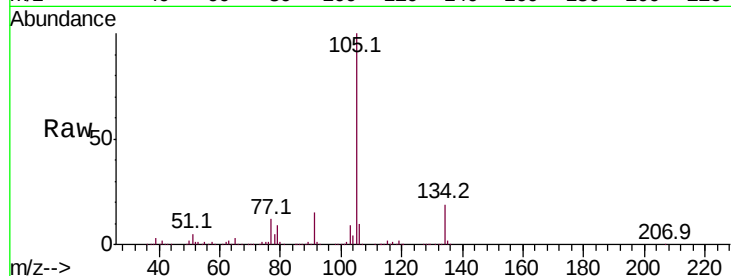
ClientSampleId :

Tot Ion:105 Resp: 406232

Ion Ratio Lower Upper

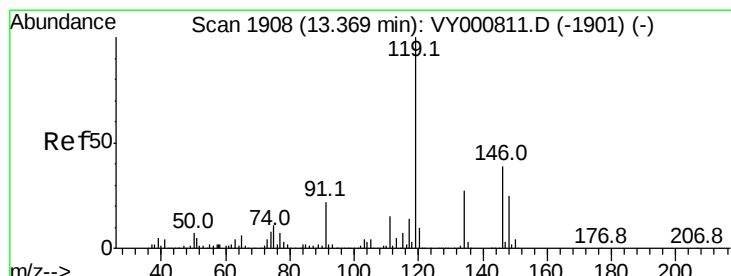
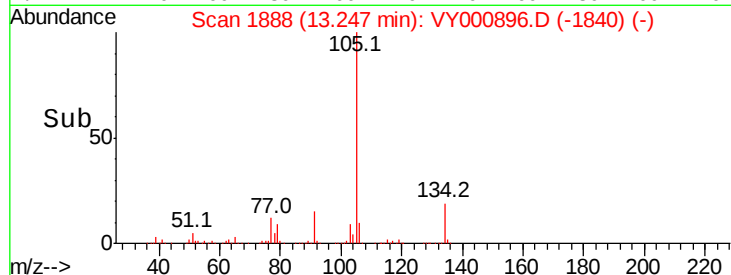
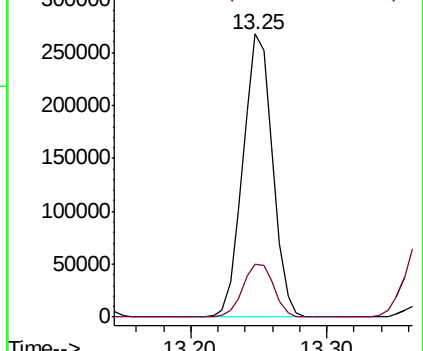
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.702 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

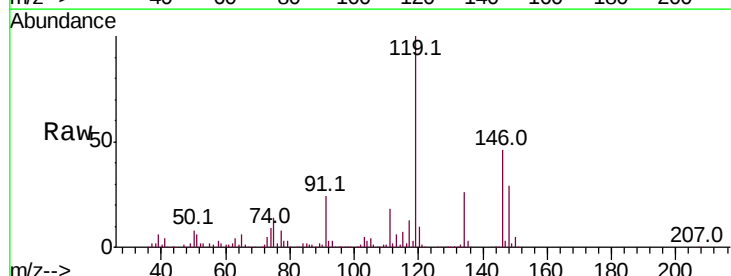
Tgt Ion:119 Resp: 354467

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

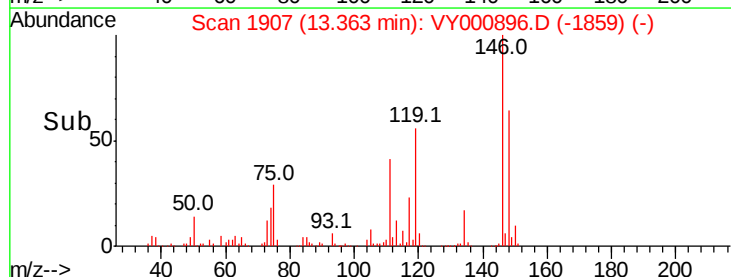
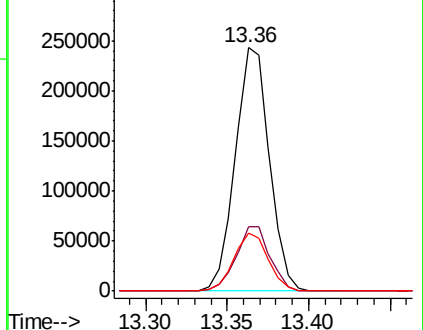
91 23.9 11.5 34.5

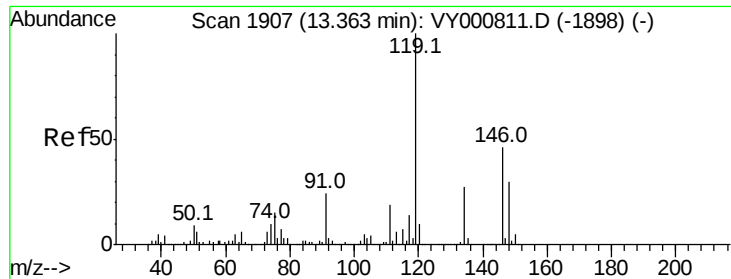


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

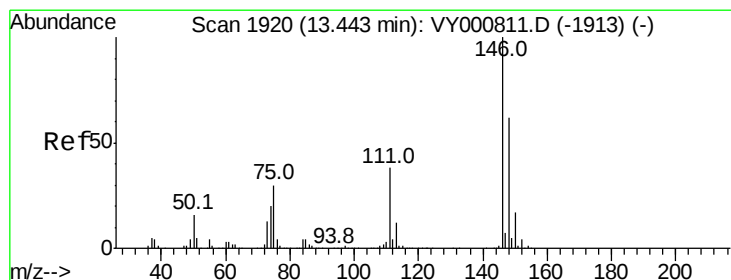
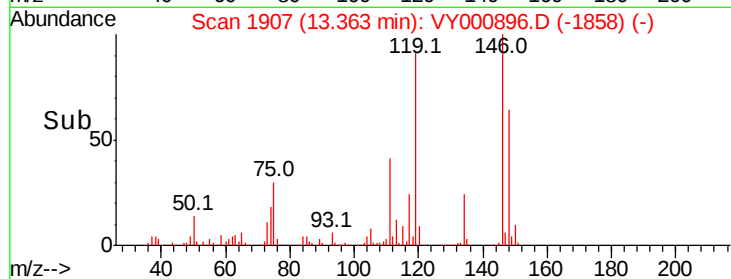
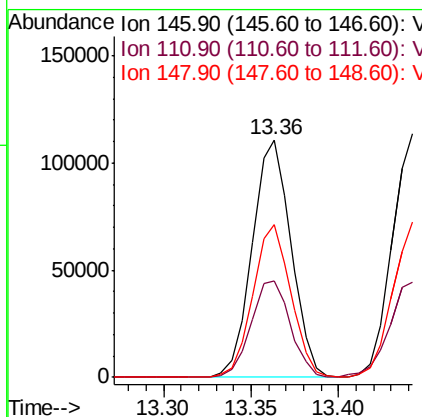
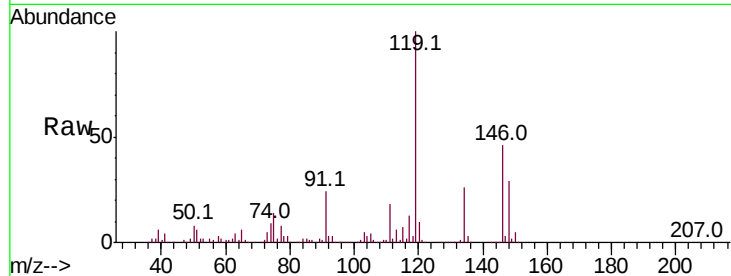




#87
 1,3-Dichlorobenzene
 Concen: 20.812 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

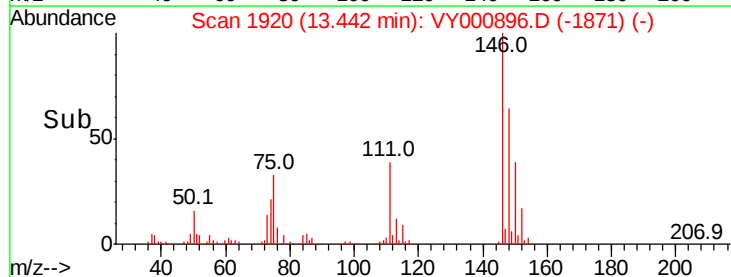
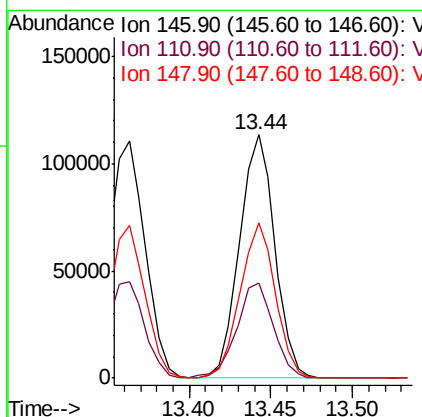
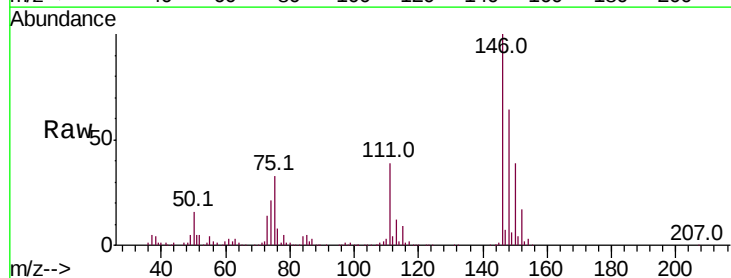
Instrument :
 MSVOA_Y
 ClientSampleId :

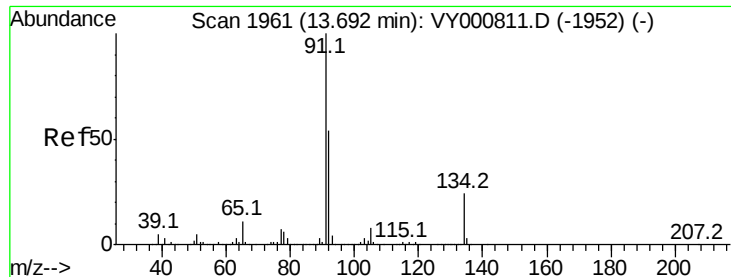
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	62.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.882 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	63.6	31.7	95.1

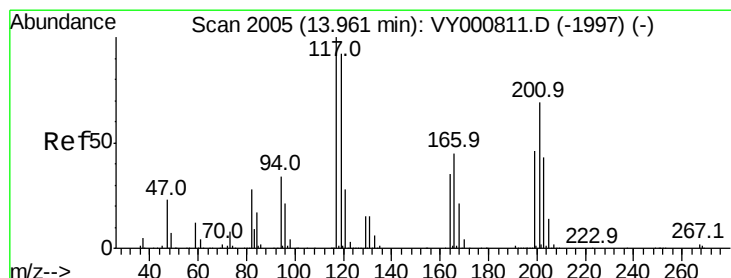
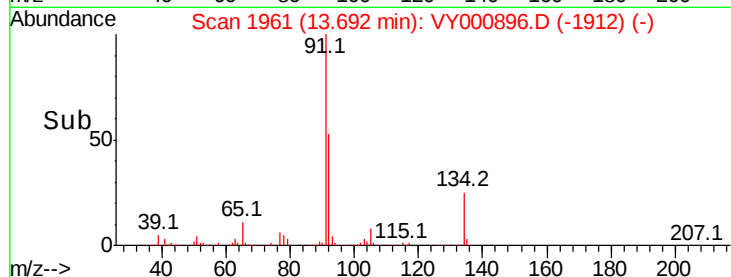
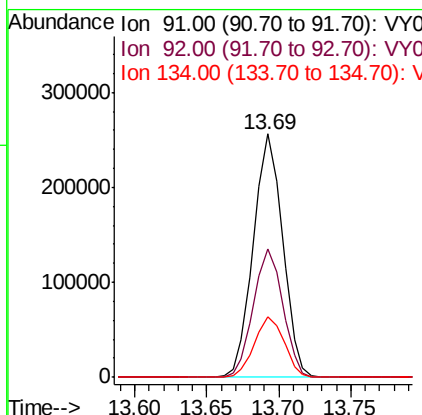
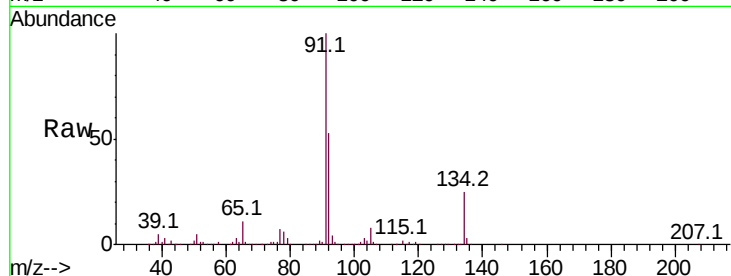




#89
n-Butylbenzene
Concen: 20.880 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

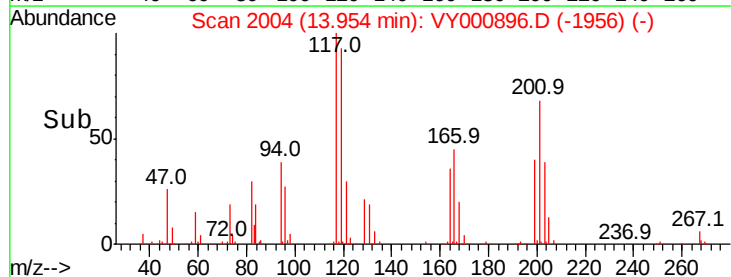
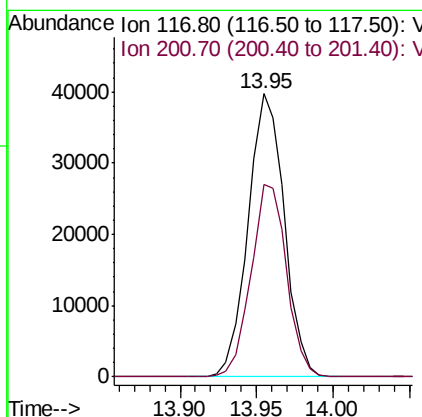
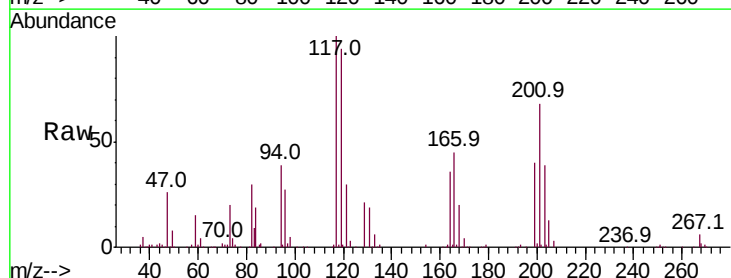
Instrument :
MSVOA_Y
ClientSampleId :

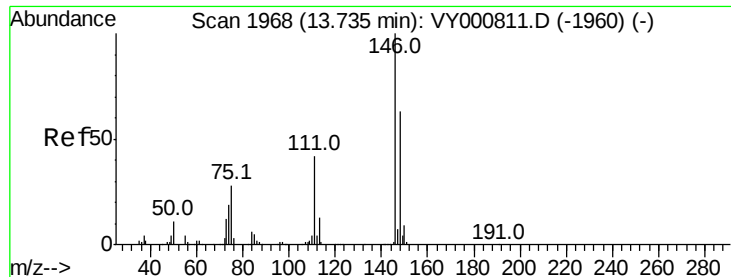
Tot Ion: 91 Resp: 361466
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 20.704 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 117 Resp: 65303
Ion Ratio Lower Upper
117 100
201 66.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.724 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000896.D

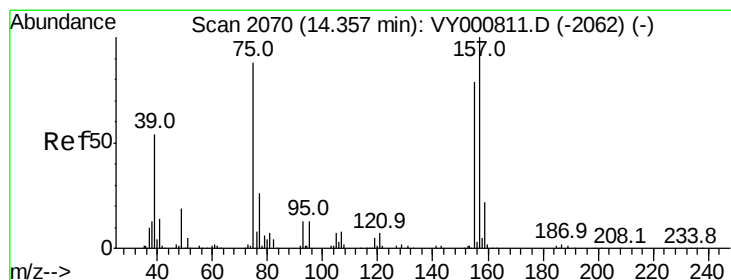
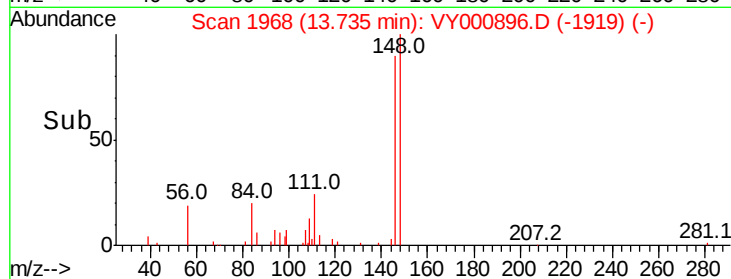
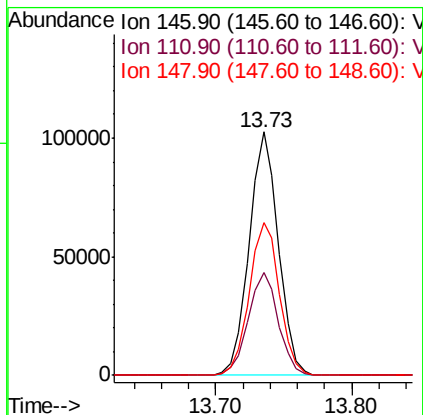
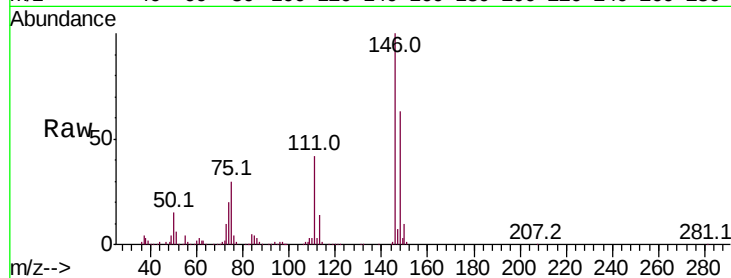
Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	154135
Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.9	62.7
148	64.9	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.038 ug/l

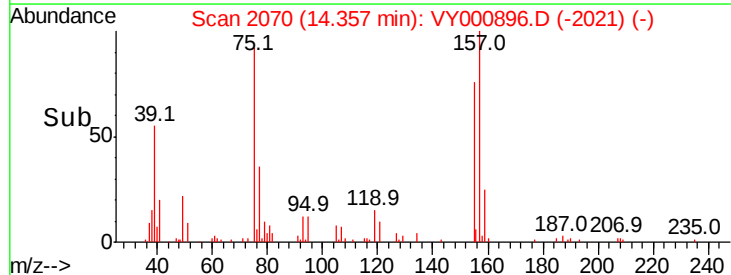
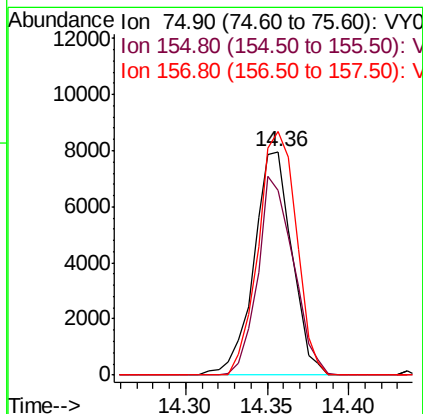
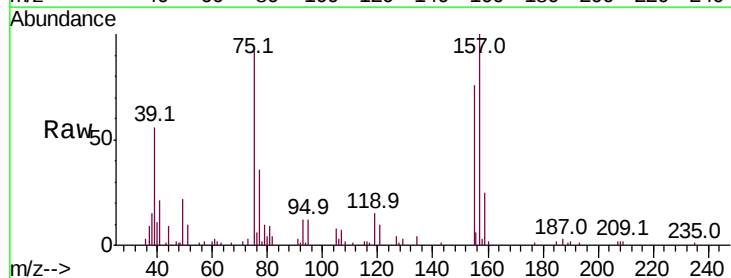
RT: 14.36 min Scan# 2070

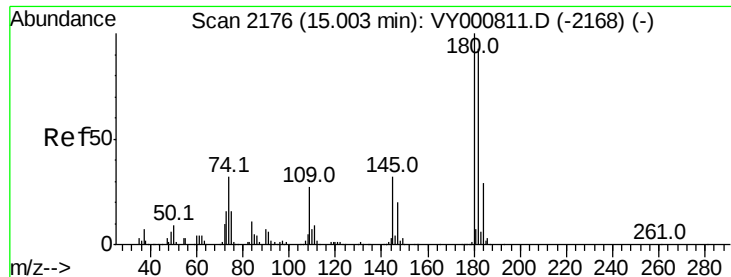
Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	75	Resp:	12853
Ion	Ratio	Lower	Upper
75	100		
155	83.6	44.3	132.9
157	109.1	56.3	168.9

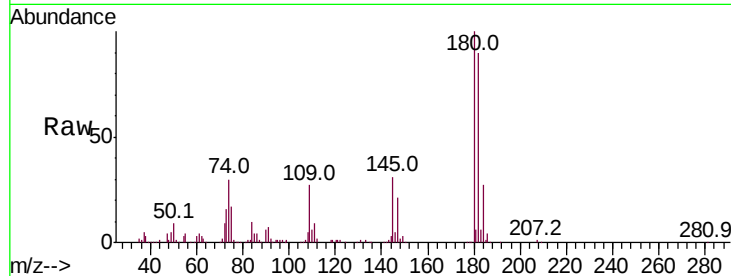




#93
 1,2,4-Trichlorobenzene
 Concen: 21.257 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	30.2	16.0	47.9

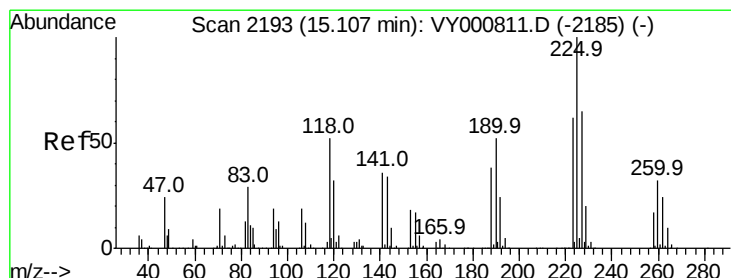
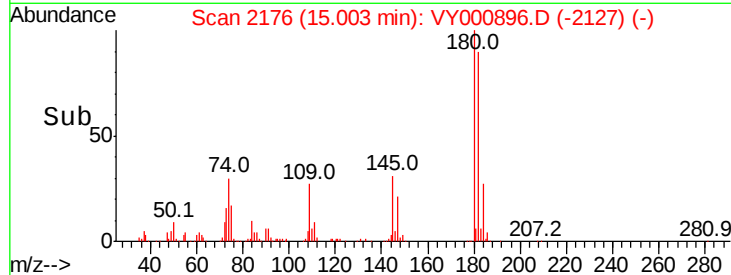
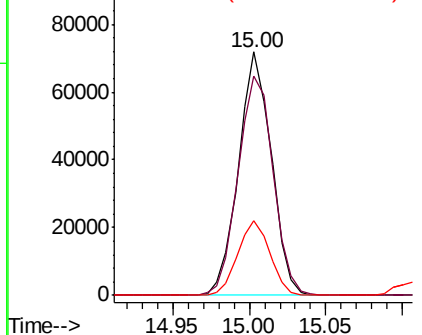


Abundance

Ion 179.80 (179.50 to 180.50): V

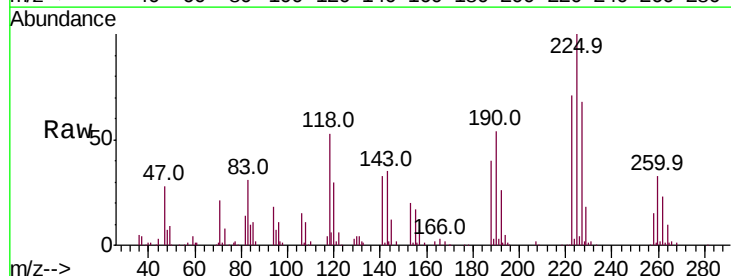
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.941 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.4	94.3
227	64.1	31.8	95.3

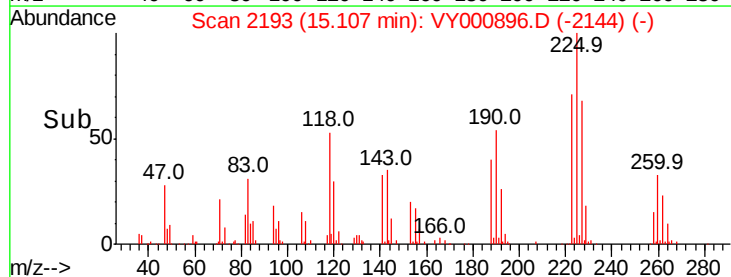
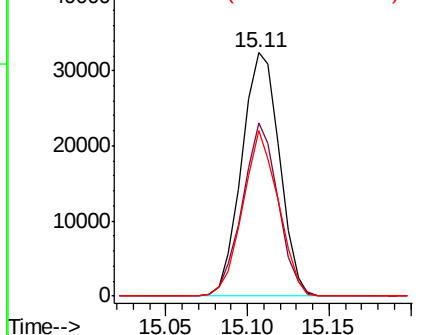


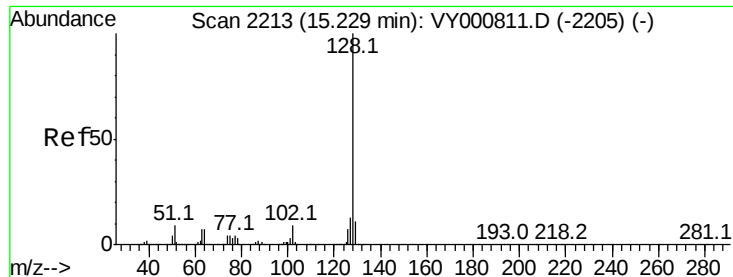
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.957 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

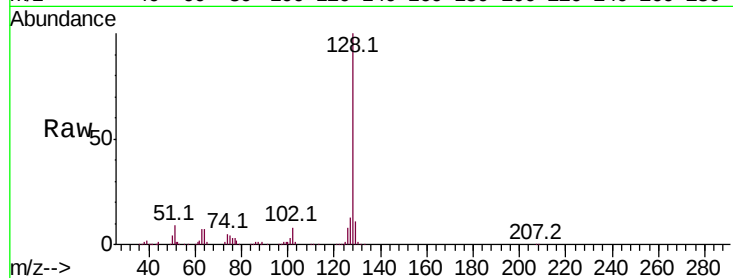
Tot Ion:128 Resp: 244906

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

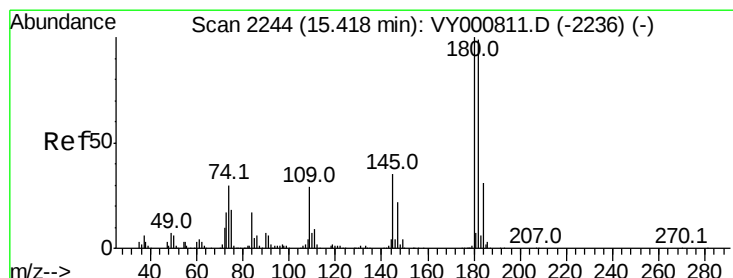
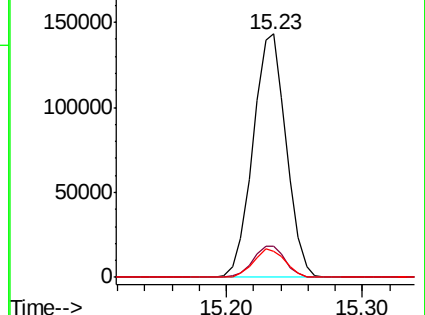
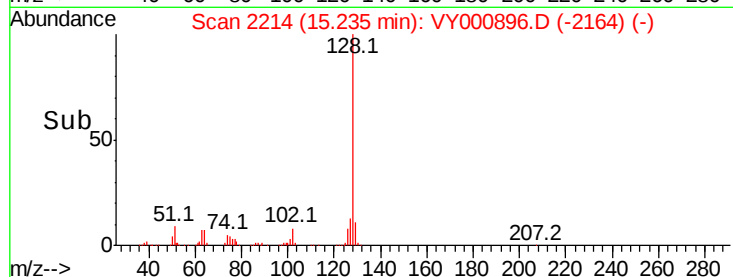
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.635 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

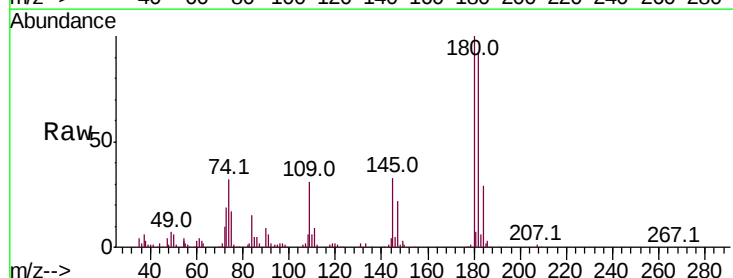
Tgt Ion:180 Resp: 92762

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 33.2 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

