

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000892.D
 Acq On : 05 Dec 2019 19:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 06 04:04:22 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	329486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	595020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	524829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	179379	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.74	113	177473	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	712838	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	249135	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	149387	42.119	ug/l	98
3) Chloromethane	2.11	50	188278	43.064	ug/l	100
4) Vinyl Chloride	2.25	62	191469	44.436	ug/l	99
5) Bromomethane	2.65	94	119967	45.800	ug/l	93
6) Chloroethane	2.80	64	121695	46.064	ug/l	96
7) Trichlorofluoromethane	3.13	101	286951	48.594	ug/l	92
8) Diethyl Ether	3.54	74	120808	54.356	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	180817	49.584	ug/l	99
10) Methyl Iodide	4.10	142	240497	52.381	ug/l	98
11) Tert butyl alcohol	4.97	59	88912	252.423	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186101	51.514	ug/l	93
13) Acrolein	3.74	56	86130	248.232	ug/l	97
14) Allyl chloride	4.49	41	309232	49.921	ug/l	97
15) Acrylonitrile	5.18	53	306595	267.147	ug/l	98
16) Acetone	3.96	43	202681	252.361	ug/l	99
17) Carbon Disulfide	4.20	76	566719	48.503	ug/l	99
18) Methyl Acetate	4.49	43	178687	53.209	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	522068	54.111	ug/l	99
20) Methylene Chloride	4.72	84	224099	52.934	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	209493	51.019	ug/l	96
22) Diisopropyl ether	6.13	45	652701	51.267	ug/l	99
23) Vinyl Acetate	6.07	43	2017439	260.654	ug/l	99
24) 1,1-Dichloroethane	6.03	63	360379	51.357	ug/l	97
25) 2-Butanone	7.00	43	369770	249.236	ug/l	94
26) 2,2-Dichloropropane	6.99	77	285746	48.383	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	234110	52.744	ug/l	97
28) Bromochloromethane	7.35	49	148609	57.448	ug/l	98
29) Tetrahydrofuran	7.36	42	261038	265.519	ug/l	100
30) Chloroform	7.52	83	349749	49.685	ug/l	98
31) Cyclohexane	7.79	56	349273	46.986	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	291480	50.145	ug/l	99
36) 1,1-Dichloropropene	7.92	75	280206	47.362	ug/l	99
37) Ethyl Acetate	7.09	43	167844	49.133	ug/l	99
38) Carbon Tetrachloride	7.91	117	252407	47.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	371733	47.425	ug/l	99
40) Benzene	8.17	78	853317	49.516	ug/l	100
41) Methacrylonitrile	7.35	41	220938	122.710	ug/l #	32
42) 1,2-Dichloroethane	8.25	62	222221	49.032	ug/l	99
43) Isopropyl Acetate	8.28	43	313520	48.701	ug/l	97
44) Trichloroethene	8.94	130	224318	50.649	ug/l	94
45) 1,2-Dichloropropane	9.22	63	221643	51.203	ug/l	95
46) Dibromomethane	9.31	93	116042	51.308	ug/l	99
47) Bromodichloromethane	9.50	83	273725	51.519	ug/l	98
48) Methyl methacrylate	9.30	41	142273	50.258	ug/l	94
49) 1,4-Dioxane	9.30	88	32493	1013.935	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	834477	250.881	ug/l	99
52) Toluene	10.24	92	523831	49.094	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297943	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	351601	52.112	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	172451	51.609	ug/l	96
56) Ethyl methacrylate	10.51	69	255054	53.357	ug/l	98
57) 1,3-Dichloropropane	10.79	76	299827	51.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	468820	243.239	ug/l	98
59) 2-Hexanone	10.83	43	578004	238.479	ug/l	98
60) Dibromochloromethane	10.99	129	189215	52.601	ug/l	99
61) 1,2-Dibromoethane	11.09	107	167614	53.225	ug/l	97
64) Tetrachloroethene	10.72	164	232043	50.888	ug/l	96
65) Chlorobenzene	11.51	112	547339	50.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	193082	52.518	ug/l	100
67) Ethyl Benzene	11.59	91	1006413	49.534	ug/l	99
68) m/p-Xylenes	11.70	106	755421	99.058	ug/l	100
69) o-Xylene	12.03	106	359265	50.526	ug/l	100
70) Styrene	12.04	104	625481	51.373	ug/l	99
71) Bromoform	12.20	173	111444	53.746	ug/l #	99
73) Isopropylbenzene	12.33	105	952488	49.292	ug/l	100
74) N-amyl acetate	12.14	43	274174	50.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	194535	51.094	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	270495	98.375	ug/l #	100
77) Bromobenzene	12.61	156	214379	51.182	ug/l	99
78) n-propylbenzene	12.67	91	1169074	49.550	ug/l	100
79) 2-Chlorotoluene	12.75	91	641891	49.245	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	799340	49.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72128	51.527	ug/l	99
82) 4-Chlorotoluene	12.85	91	676538	50.379	ug/l	99
83) tert-Butylbenzene	13.07	119	651359	48.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	794689	49.647	ug/l	99
85) sec-Butylbenzene	13.25	105	966497	49.405	ug/l	99
86) p-Isopropyltoluene	13.36	119	836590	49.167	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	409746	49.867	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	409088	50.282	ug/l	99
89) n-Butylbenzene	13.69	91	841215	48.898	ug/l	100
90) Hexachloroethane	13.95	117	160365	51.162	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	378100	51.157	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	33014	51.793	ug/l	98

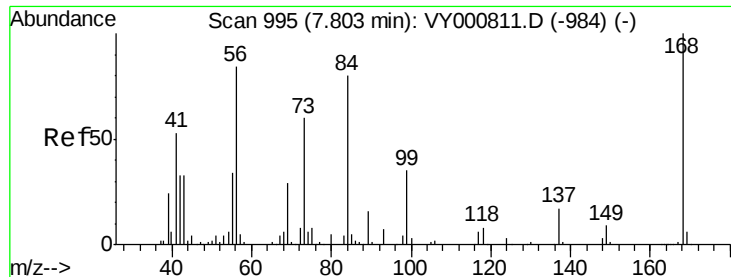
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	254090	50.805	ug/l	99
94) Hexachlorobutadiene	15.11	225	123234	49.699	ug/l	99
95) Naphthalene	15.23	128	623353	53.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228714	51.198	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

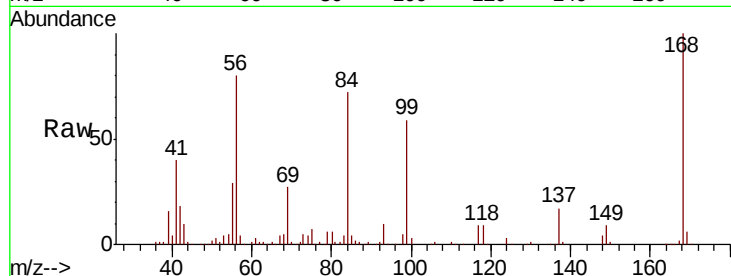
VSTDCCC050EC

Tot Ion:168 Resp: 329486

Ion Ratio Lower Upper

168 100

99 59.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

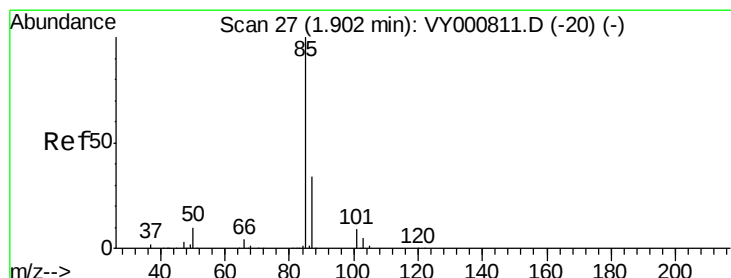
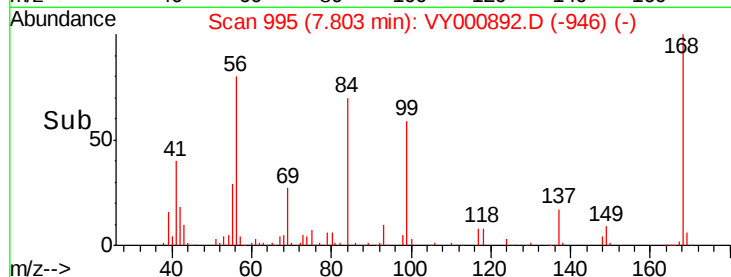
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.119 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000892.D

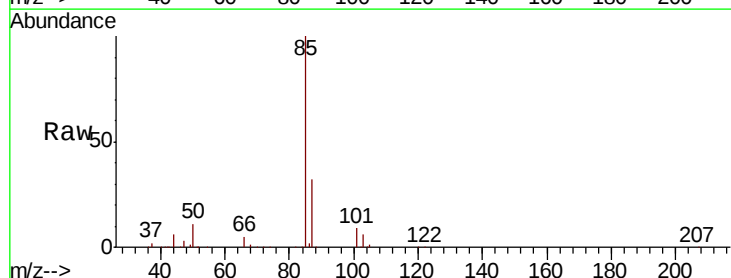
Acq: 05 Dec 2019 19:15

Tgt Ion: 85 Resp: 149387

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

100000

80000

60000

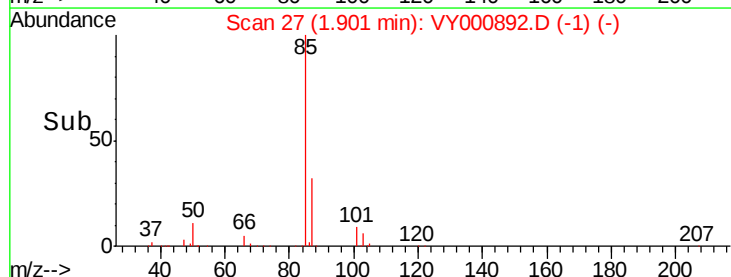
40000

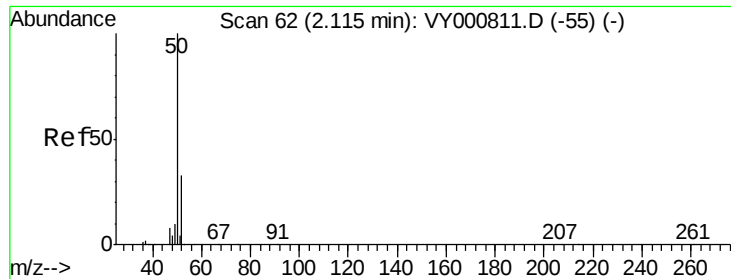
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.064 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

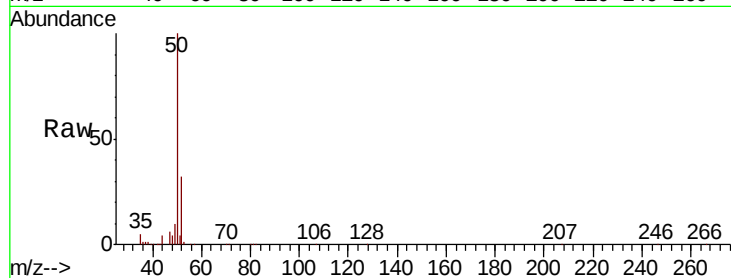
VSTDCCC050EC

Tot Ion: 50 Resp: 188278

Ion Ratio Lower Upper

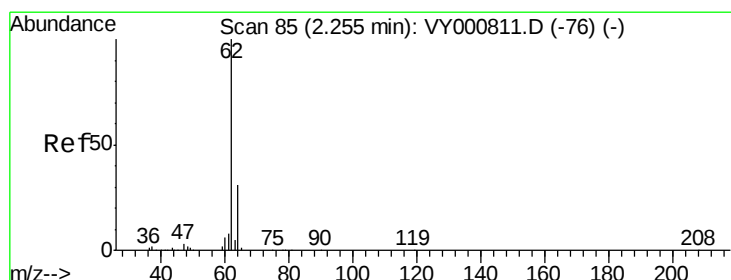
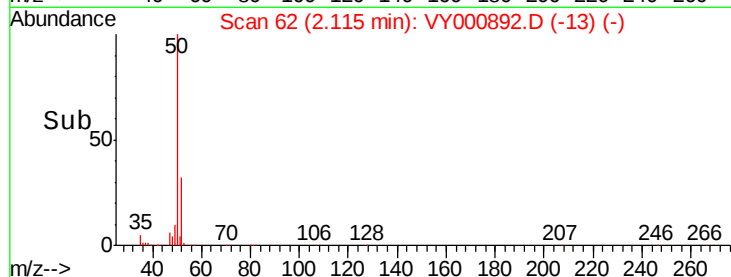
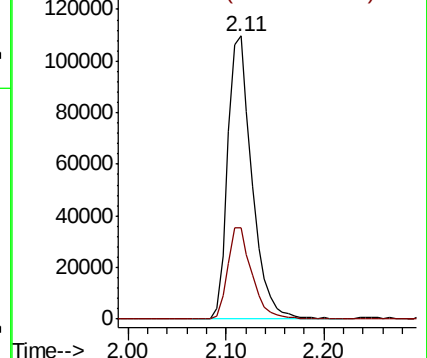
50 100

52 32.4 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: 44.436 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000892.D

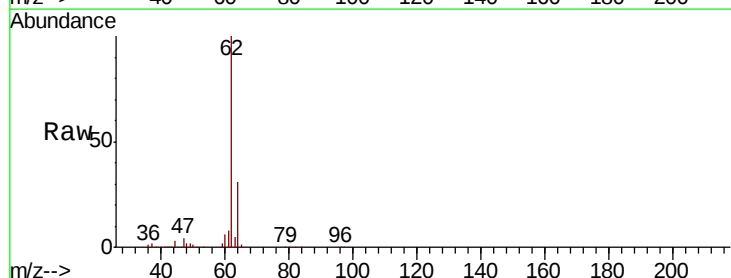
Acq: 05 Dec 2019 19:15

Tgt Ion: 62 Resp: 191469

Ion Ratio Lower Upper

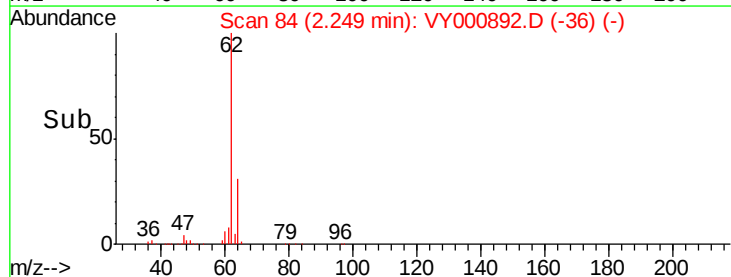
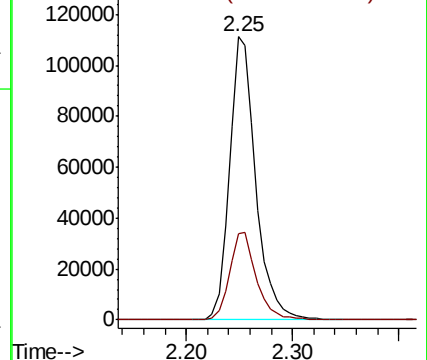
62 100

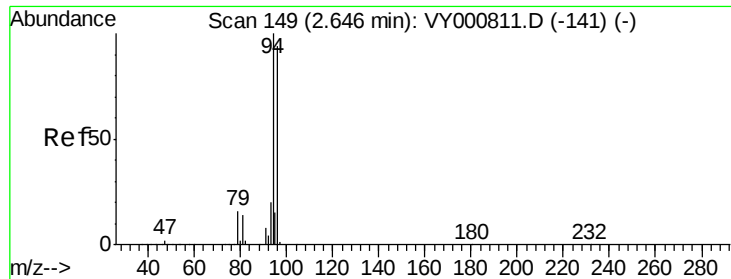
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.800 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

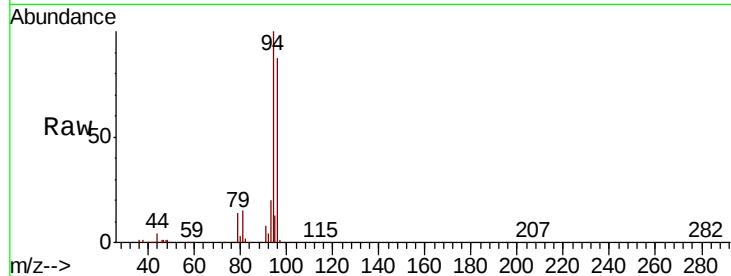
VSTDCCC050EC

Tot Ion: 94 Resp: 119967

Ion Ratio Lower Upper

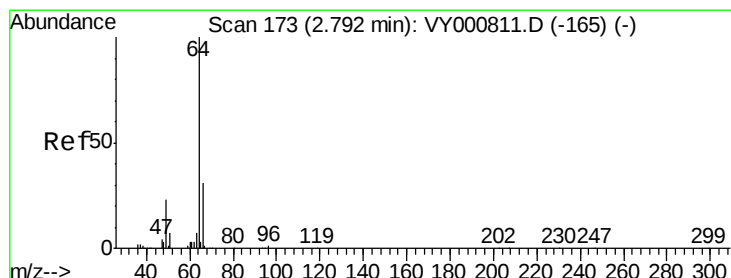
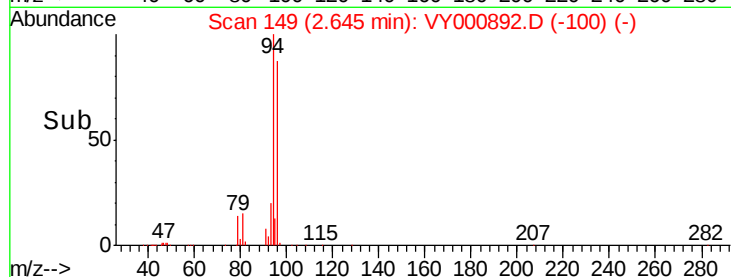
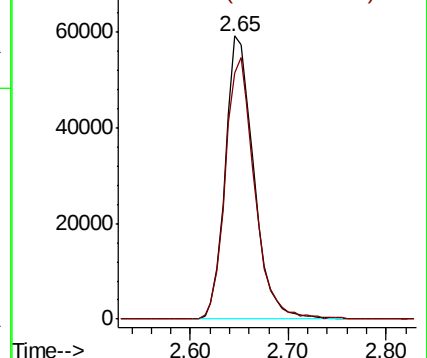
94 100

96 86.9 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: 46.064 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000892.D

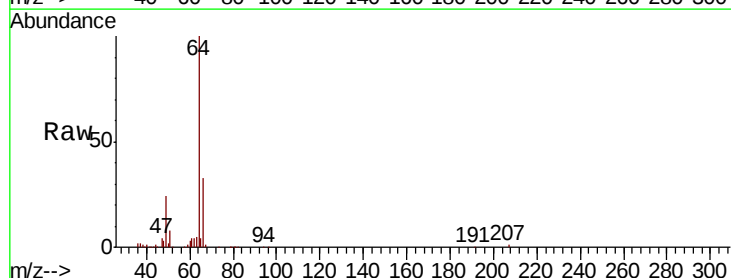
Acq: 05 Dec 2019 19:15

Tgt Ion: 64 Resp: 121695

Ion Ratio Lower Upper

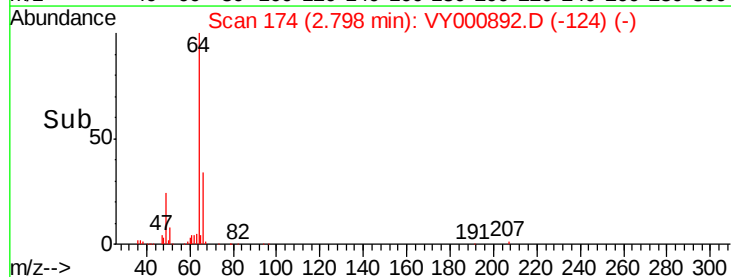
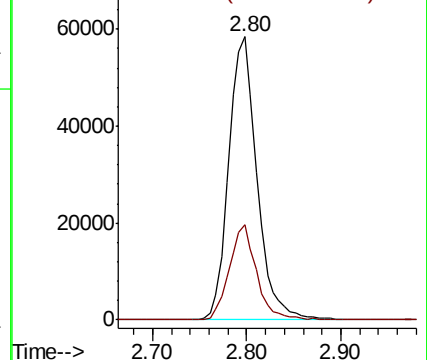
64 100

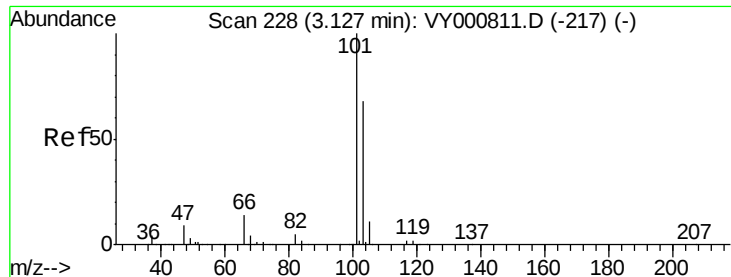
66 33.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



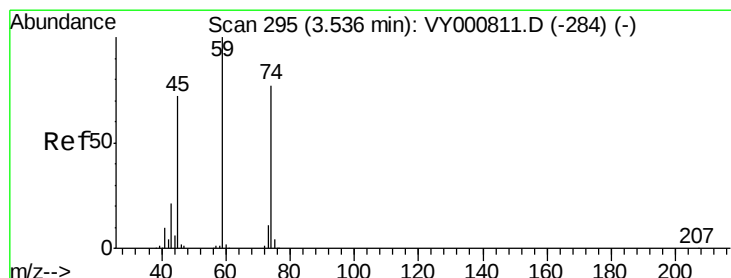
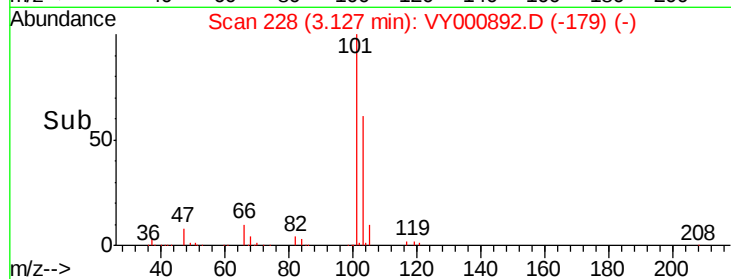
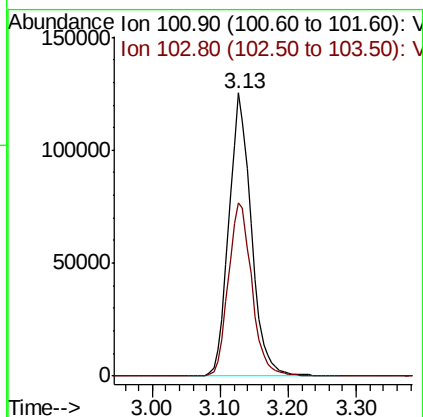
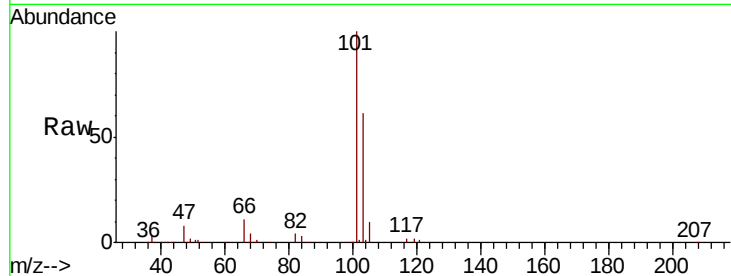


#7

Trichlorofluoromethane
 Concen: 48.594 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

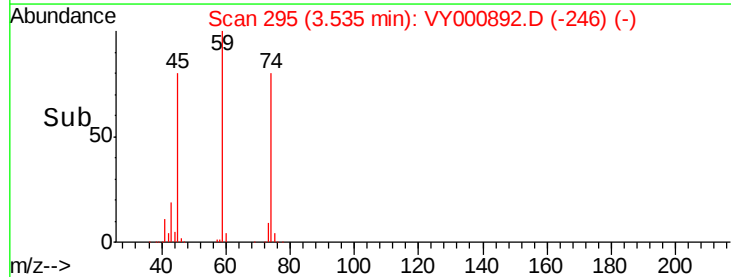
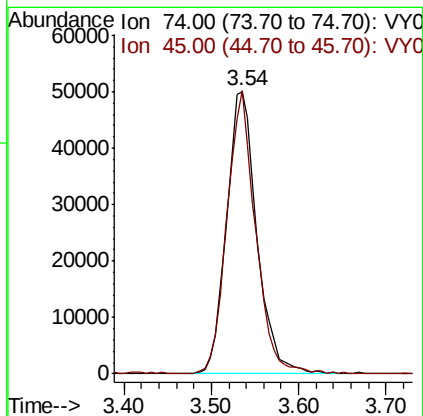
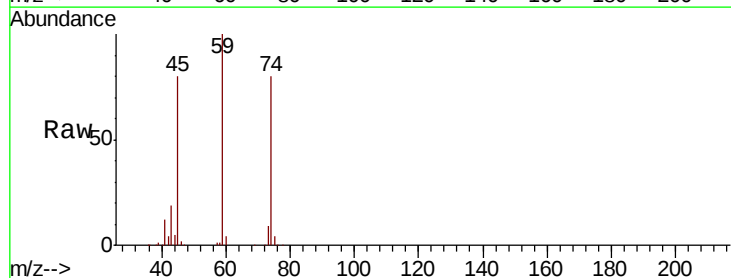
Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	54.2	81.2

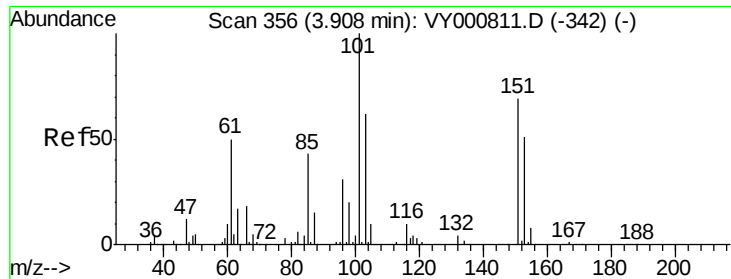


#8

Diethyl Ether
 Concen: 54.356 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.584 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

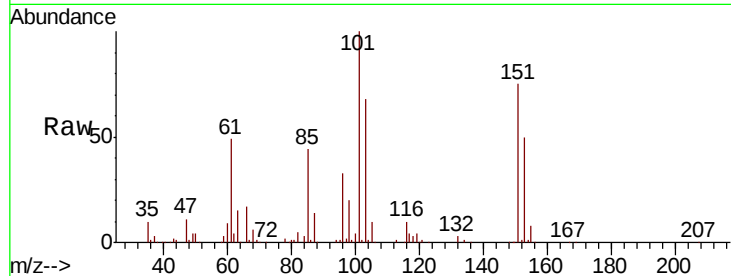
Tot Ion:101 Resp: 180817

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

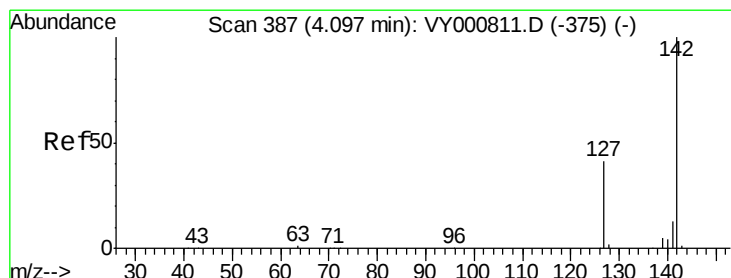
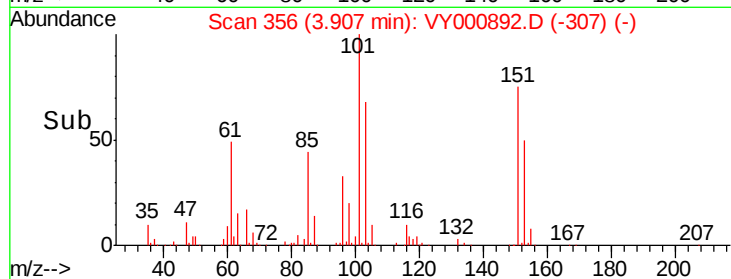
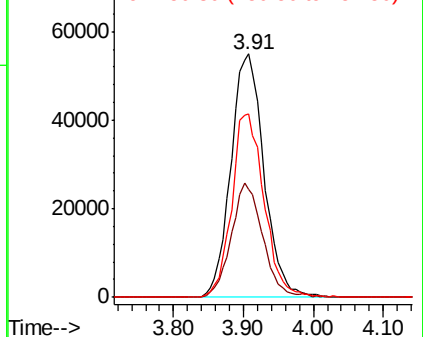
151 73.6 58.2 87.2



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: 52.381 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

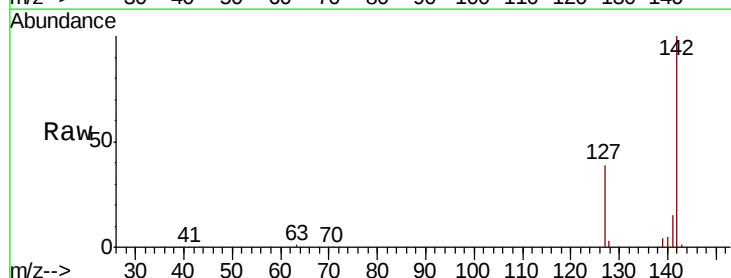
Tgt Ion:142 Resp: 240497

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.8

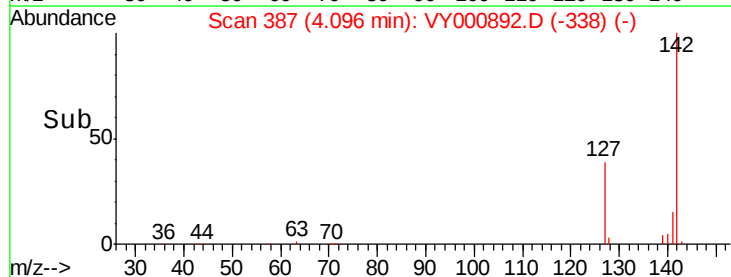
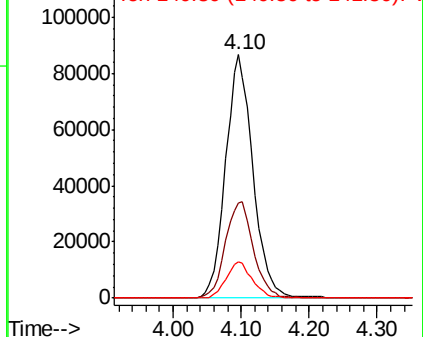
141 14.2 10.9 16.3

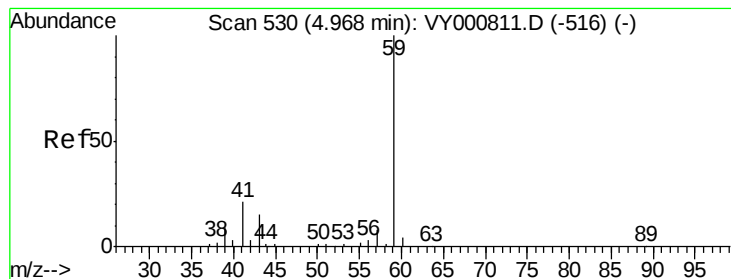


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



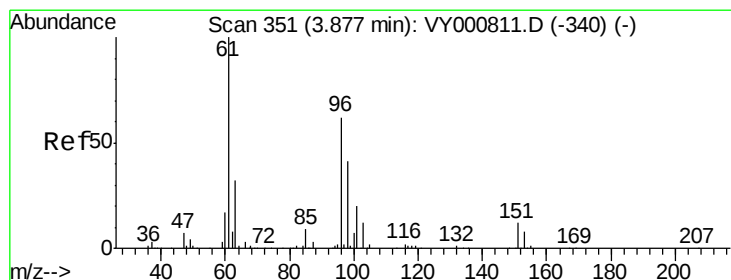
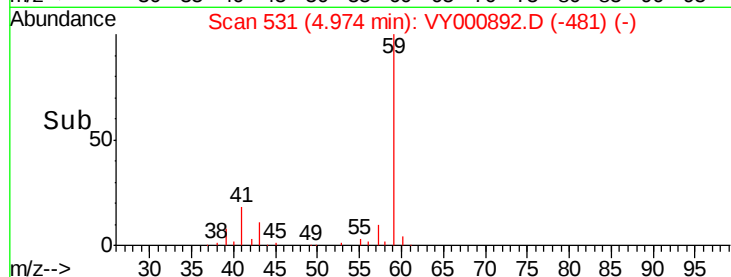
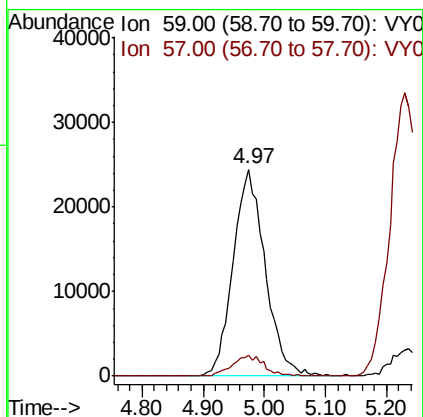
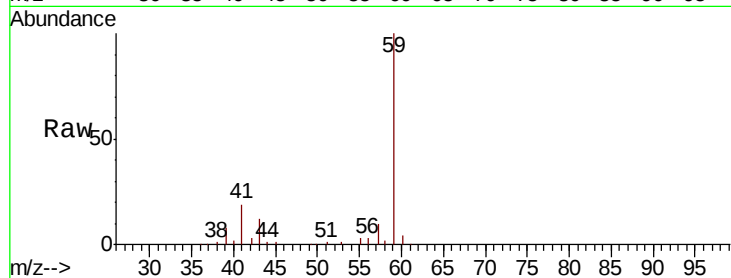


#11

Tert butyl alcohol
Concen: 252.423 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

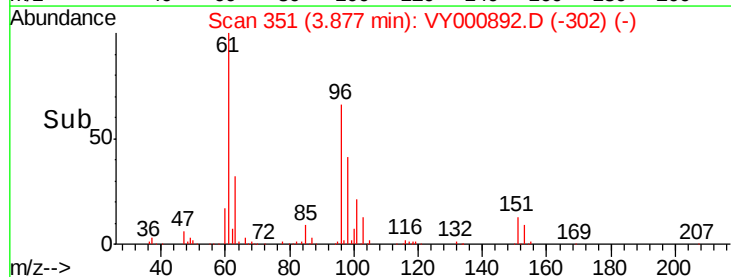
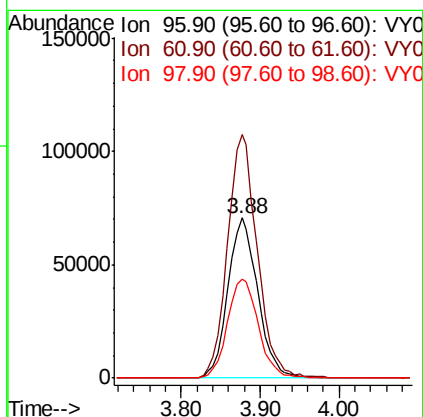
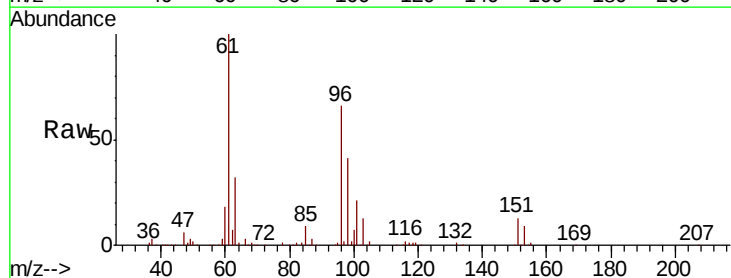
Tot Ion: 59 Resp: 88912
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

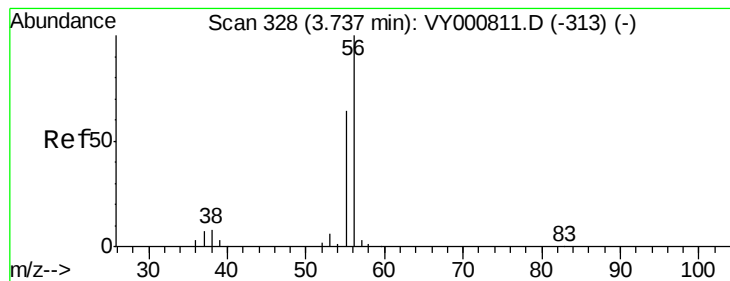


#12

1,1-Dichloroethene
Concen: 51.514 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 96 Resp: 186101
Ion Ratio Lower Upper
96 100
61 152.3 129.4 194.2
98 62.3 53.4 80.0





#13

Acrolein

Concen: 248.232 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

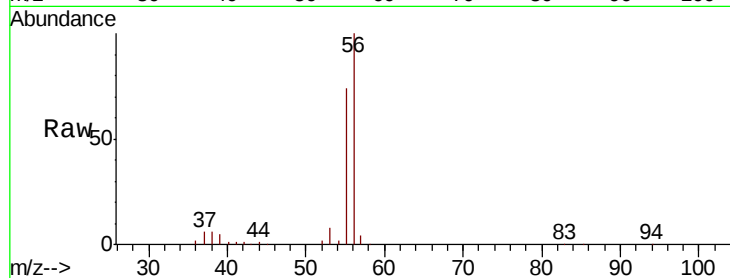
VSTDCCC050EC

Tot Ion: 56 Resp: 86130

Ion Ratio Lower Upper

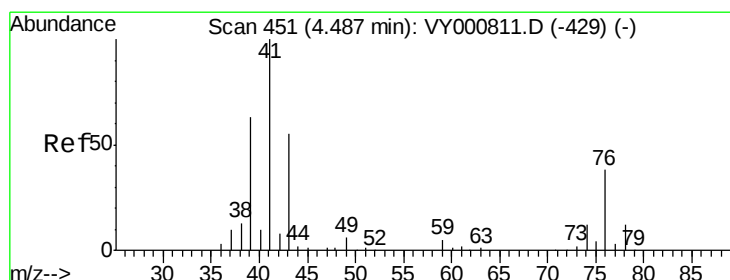
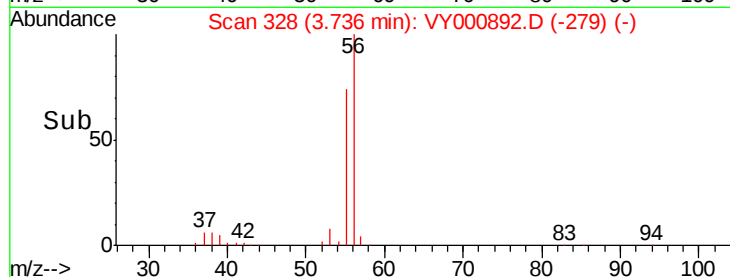
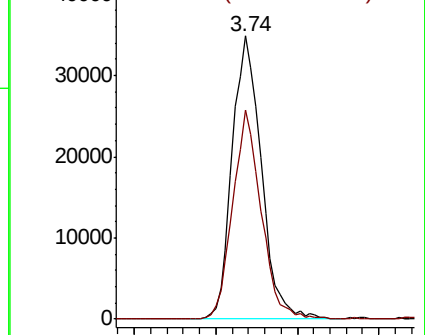
56 100

55 72.1 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.921 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

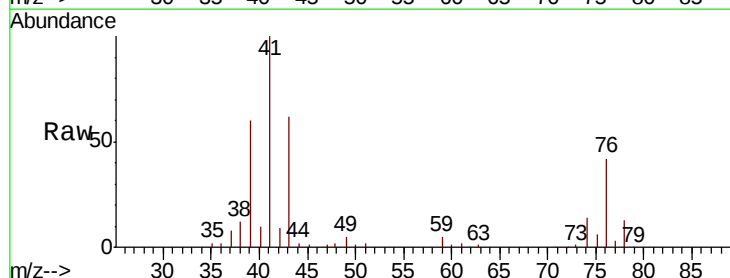
Tgt Ion: 41 Resp: 309232

Ion Ratio Lower Upper

41 100

39 58.9 49.2 73.8

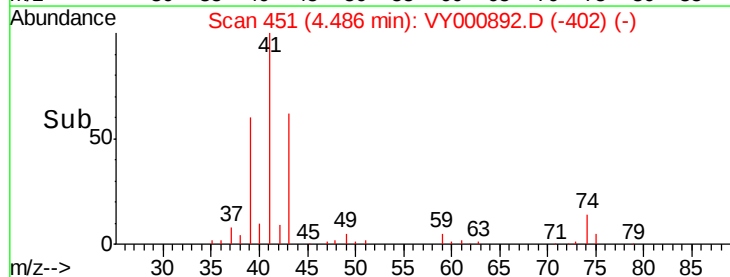
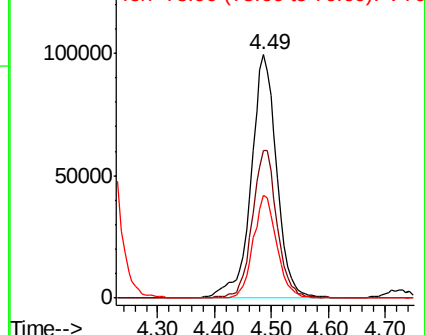
76 38.6 29.2 43.8

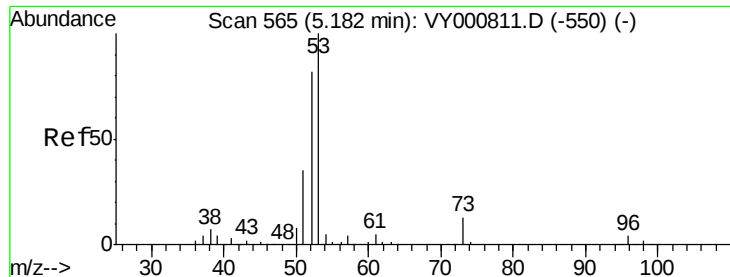


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 267.147 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

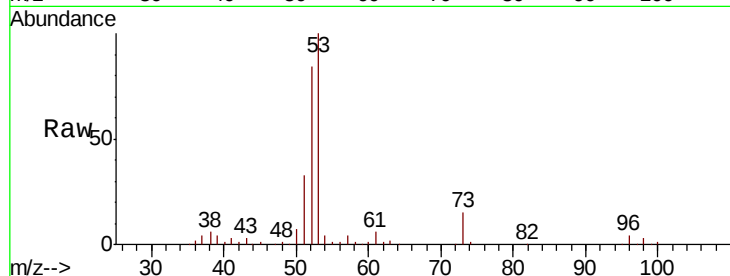
Tot Ion: 53 Resp: 306595

Ion Ratio Lower Upper

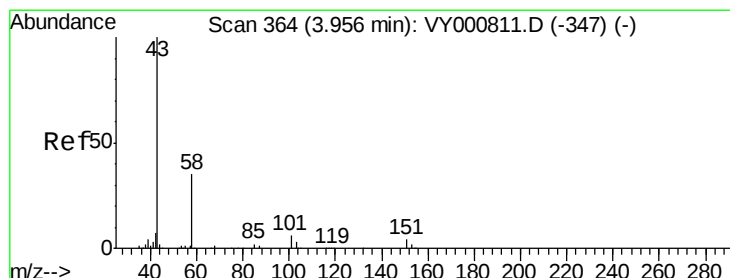
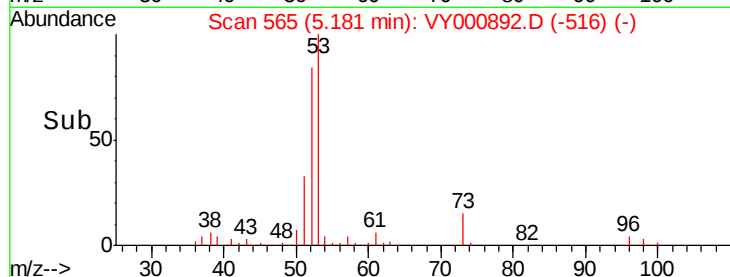
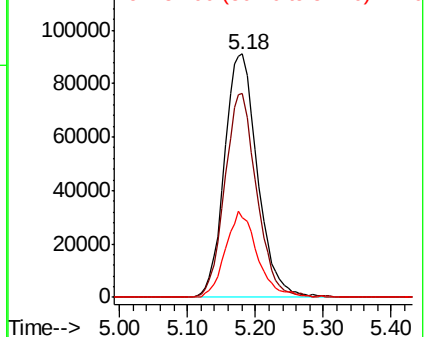
53 100

52 80.8 65.1 97.7

51 34.1 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: 252.361 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000892.D

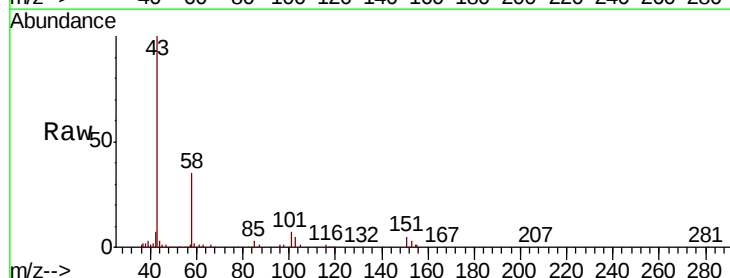
Acq: 05 Dec 2019 19:15

Tgt Ion: 43 Resp: 202681

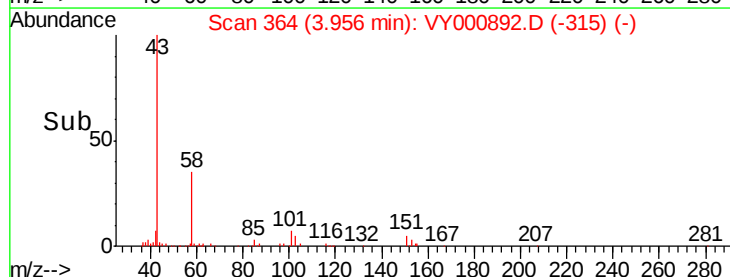
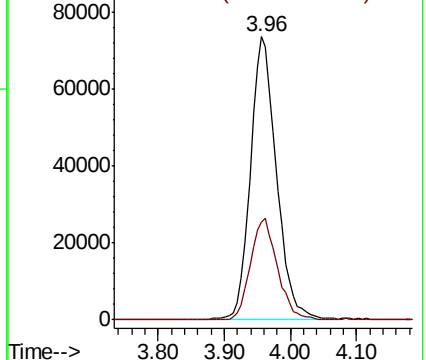
Ion Ratio Lower Upper

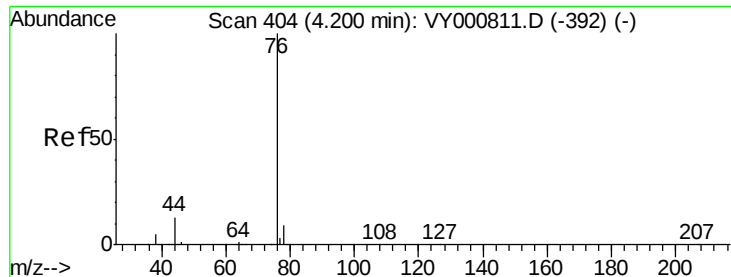
43 100

58 34.5 28.0 42.0



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

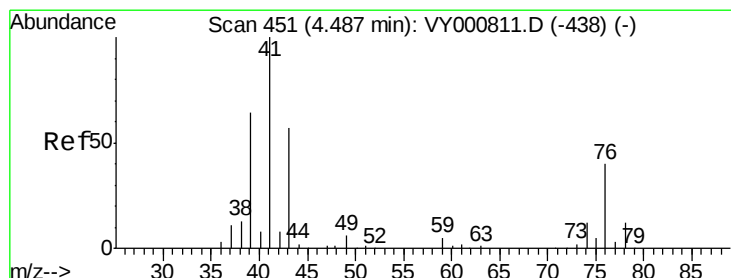
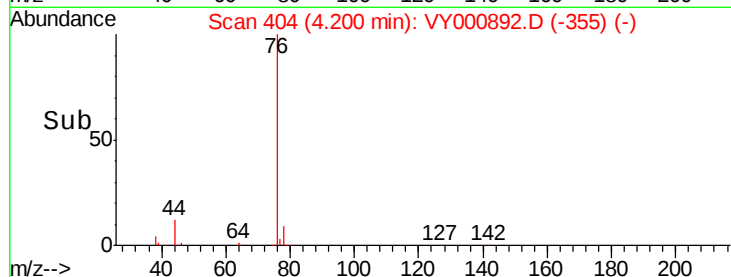
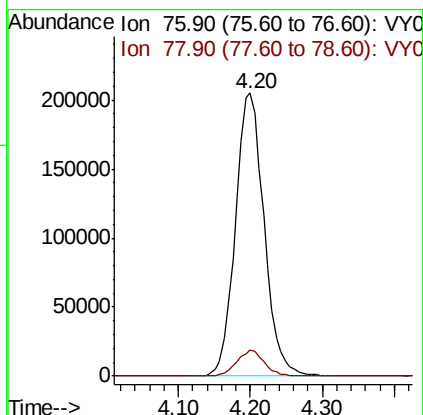
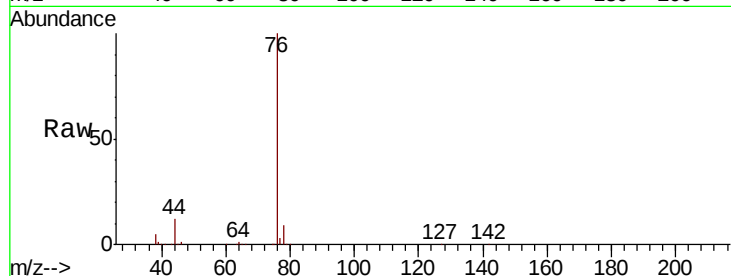




#17
Carbon Disulfide
Concen: 48.503 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

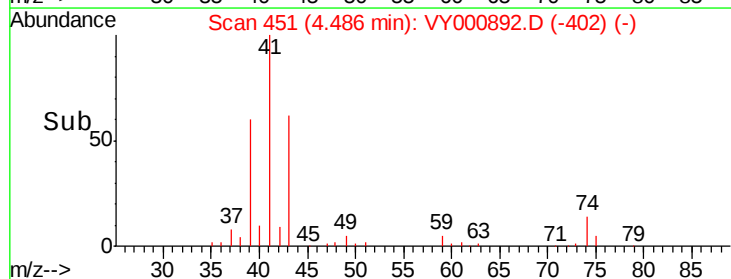
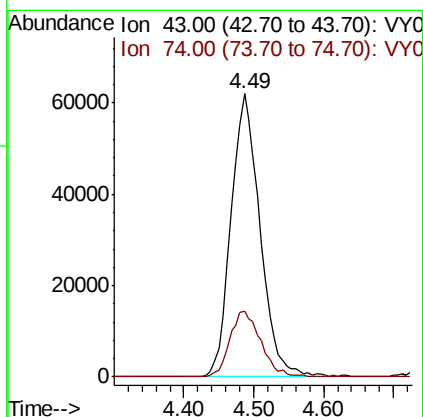
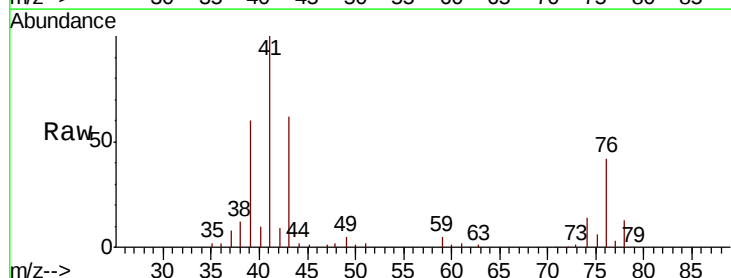
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

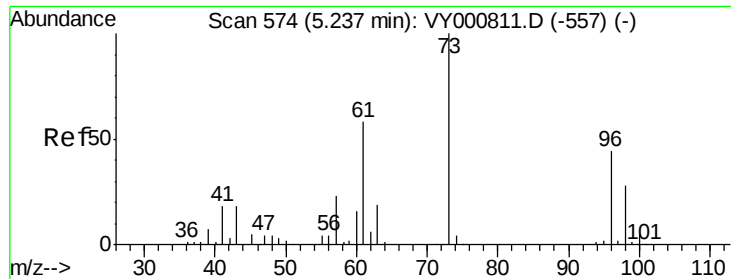
Tot Ion: 76 Resp: 566719
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 53.209 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 43 Resp: 178687
Ion Ratio Lower Upper
43 100
74 24.7 18.5 27.7

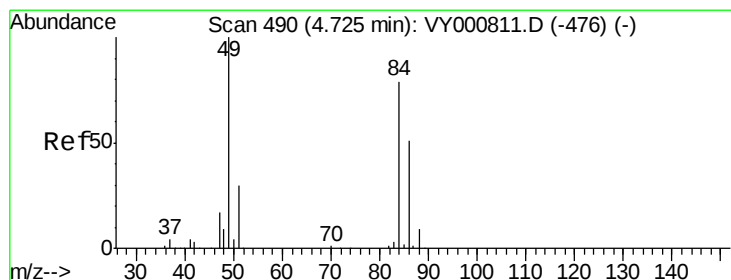
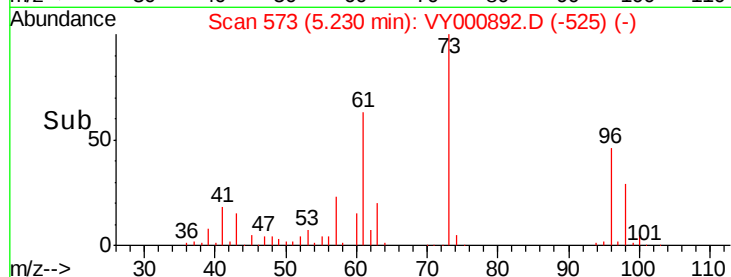
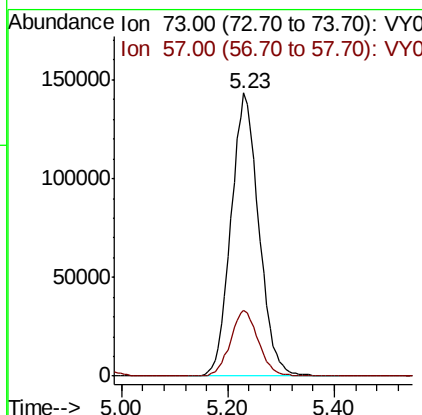
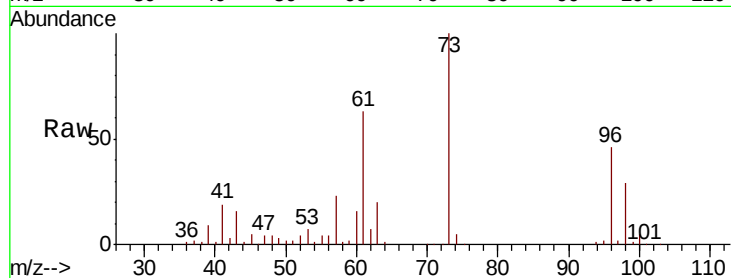




#19
Methvl tert-butvl Ether
Concen: 54.111 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

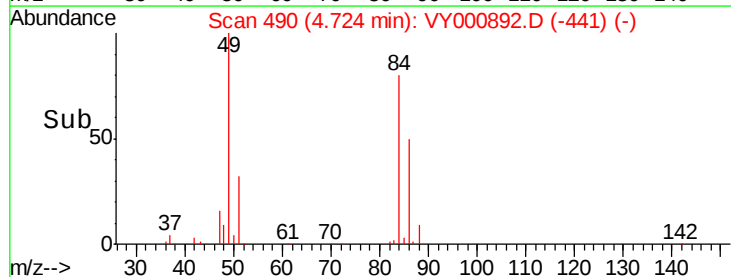
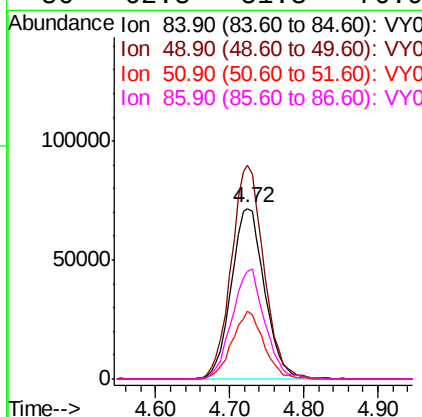
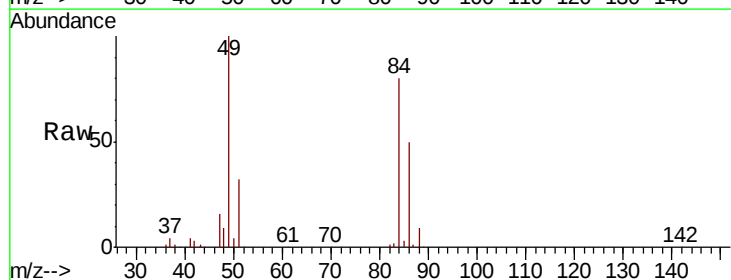
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

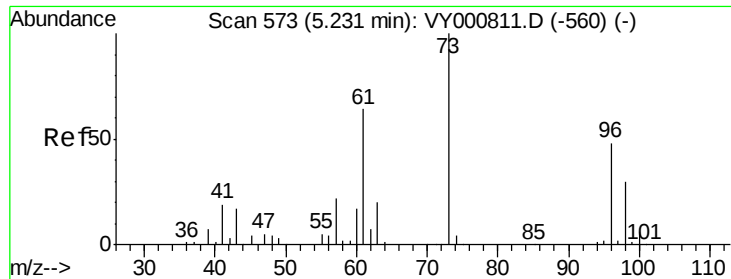
Tot Ion: 73 Resp: 522068
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 52.934 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 84 Resp: 224099
Ion Ratio Lower Upper
84 100
49 125.2 101.3 151.9
51 39.5 30.6 45.8
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.019 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

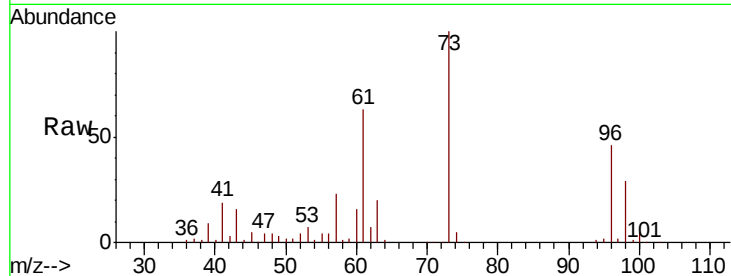
Tot Ion: 96 Resp: 209493

Ion Ratio Lower Upper

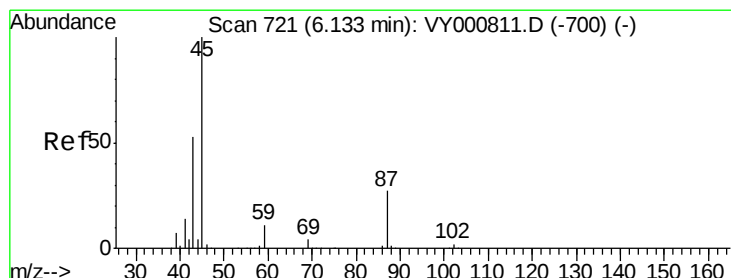
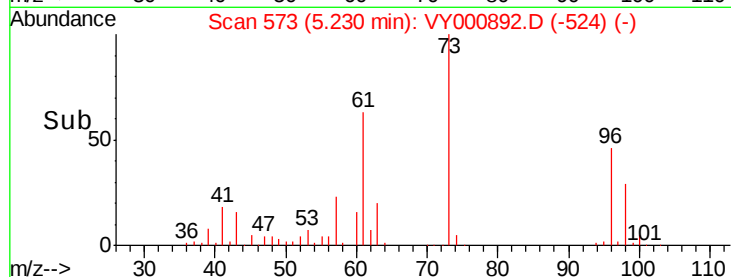
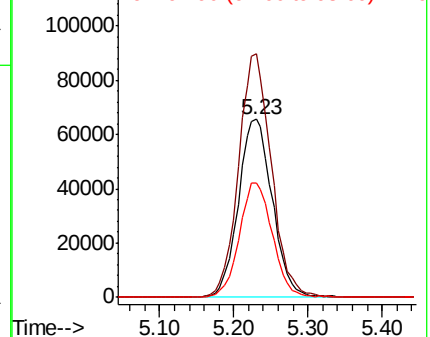
96 100

61 137.0 105.9 158.9

98 64.3 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: 51.267 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion: 45 Resp: 652701

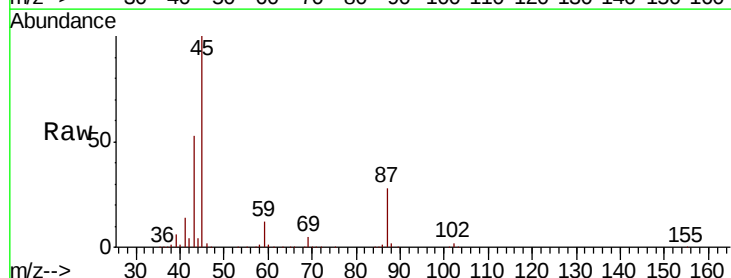
Ion Ratio Lower Upper

45 100

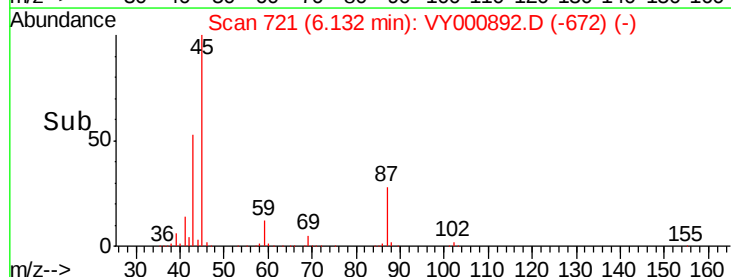
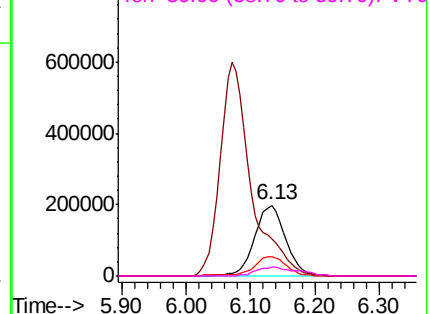
43 52.9 42.7 64.1

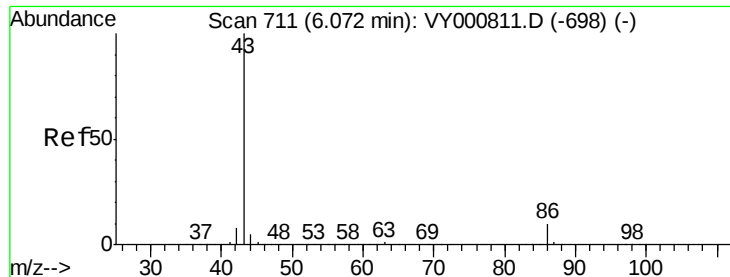
87 27.6 22.0 33.0

59 11.8 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: 260.654 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

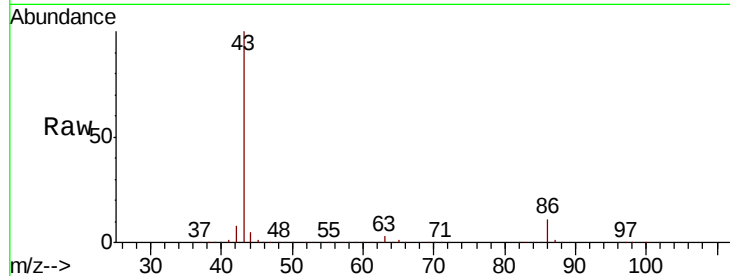
VSTDCCC050EC

Tot Ion: 43 Resp: 2017439

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

6.07

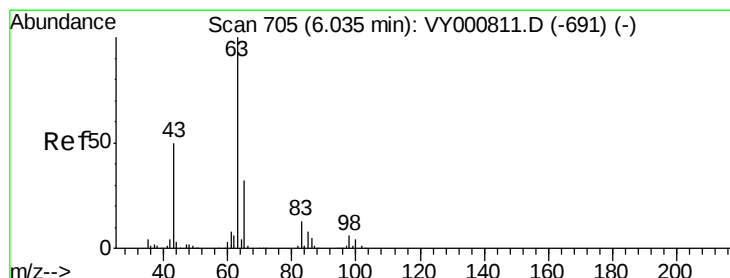
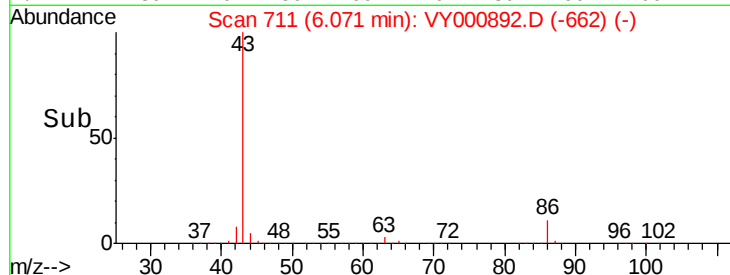
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.357 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

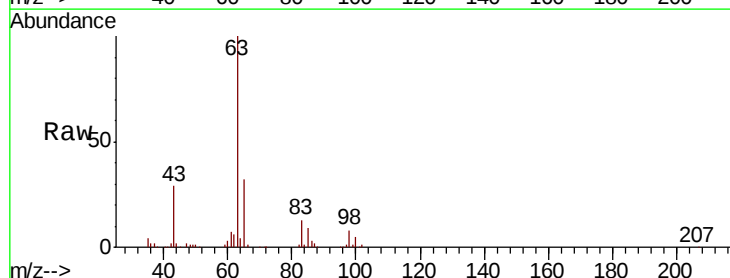
Tgt Ion: 63 Resp: 360379

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

100 4.6 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

6.03

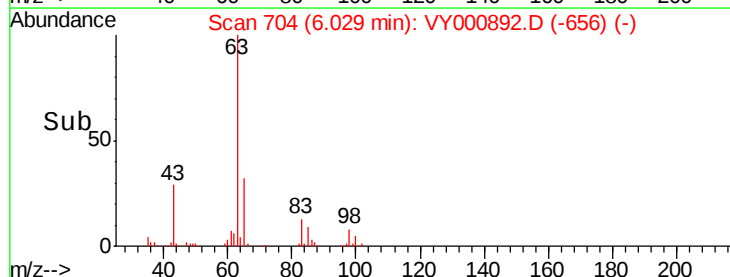
150000

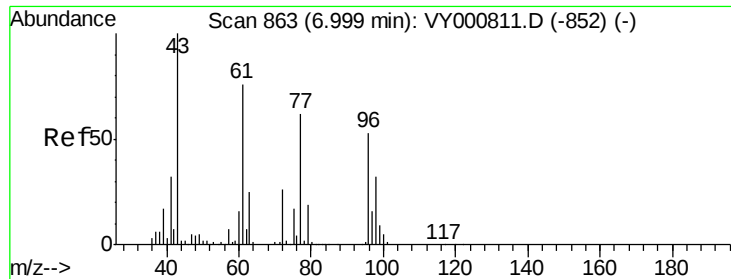
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.236 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

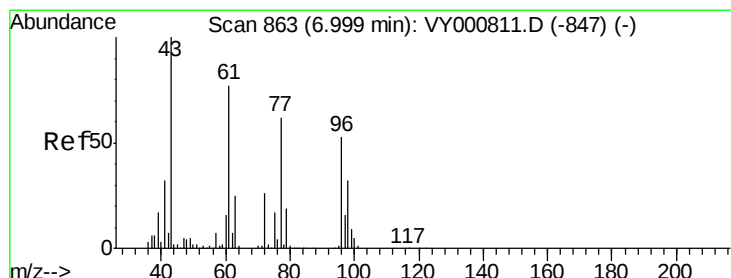
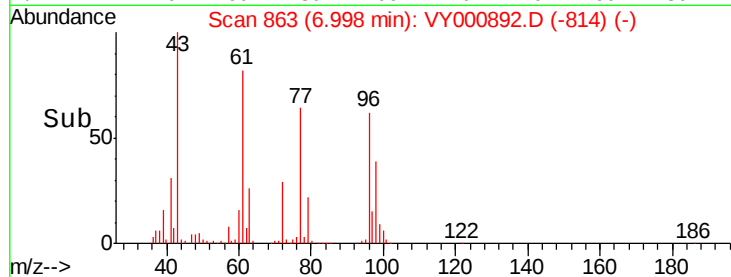
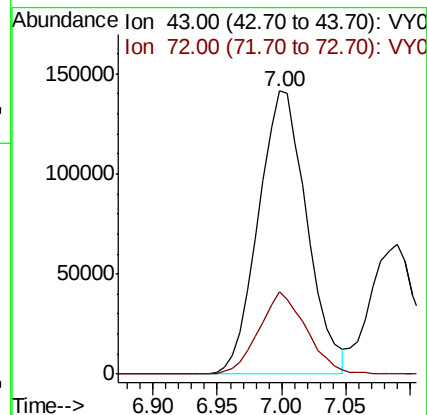
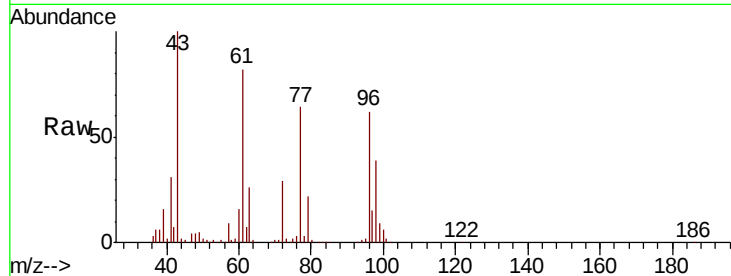
VSTDCCC050EC

Tot Ion: 43 Resp: 369770

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.383 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000892.D

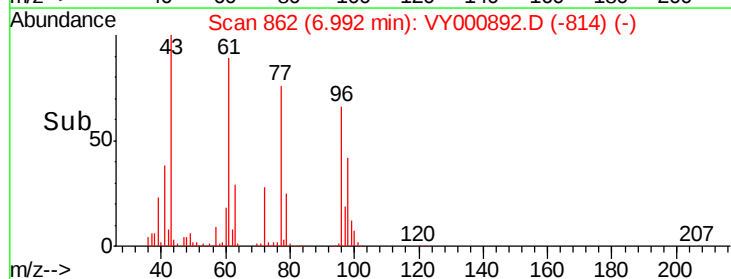
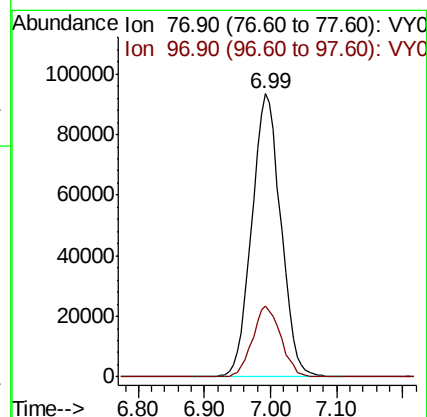
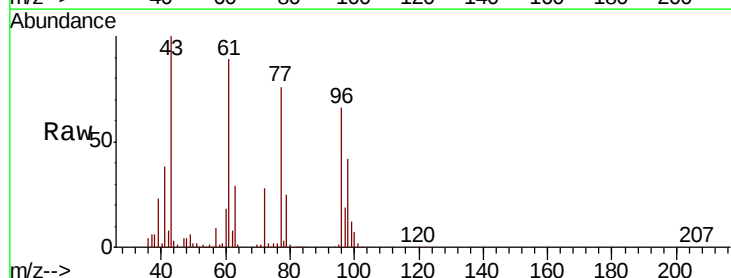
Acq: 05 Dec 2019 19:15

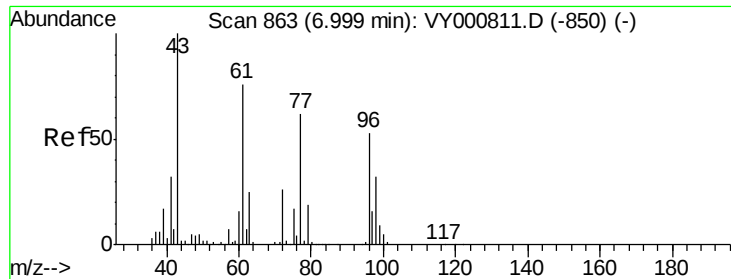
Tgt Ion: 77 Resp: 285746

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9



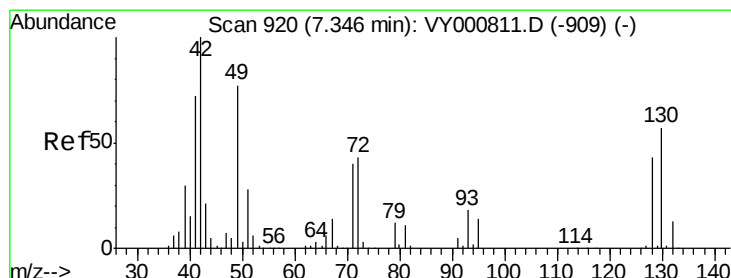
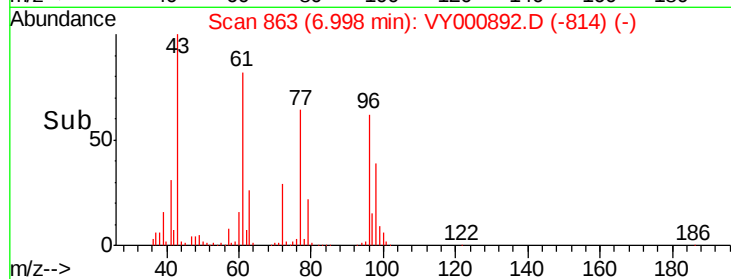
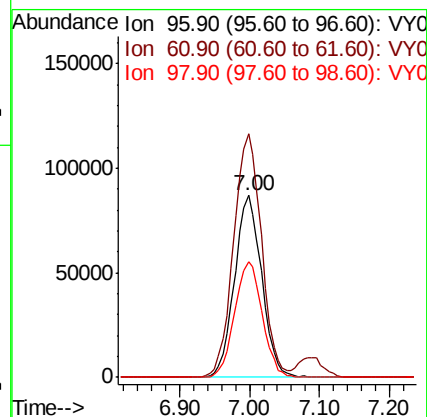
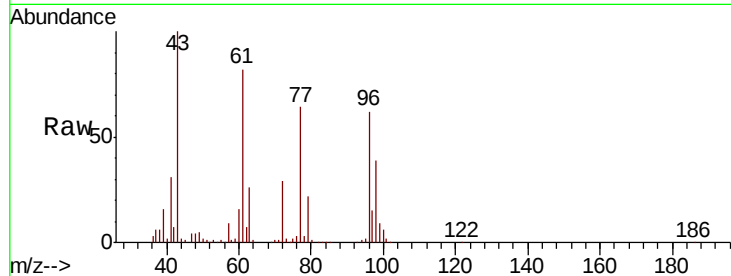


#27

cis-1,2-Dichloroethene
 Concen: 52.744 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

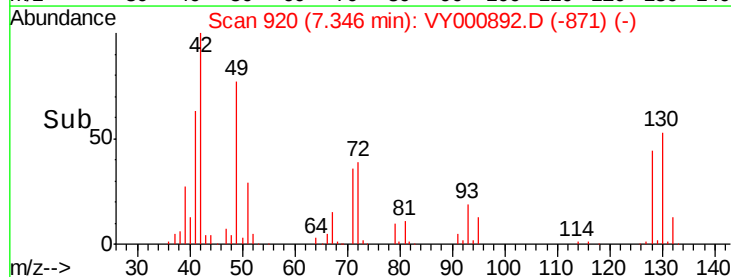
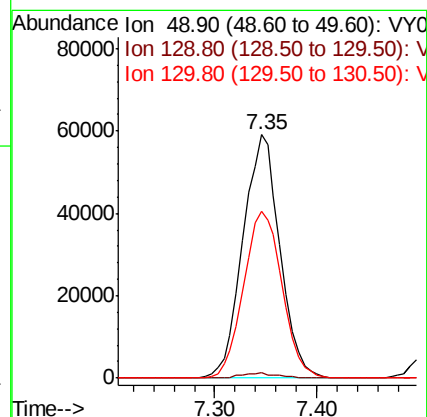
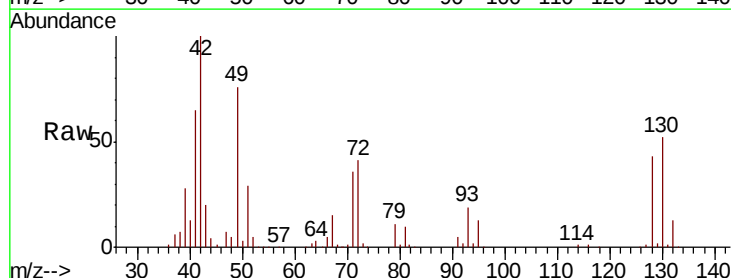
Tot Ion: 96 Resp: 234110
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 285.0
 98 64.6 0.0 128.0

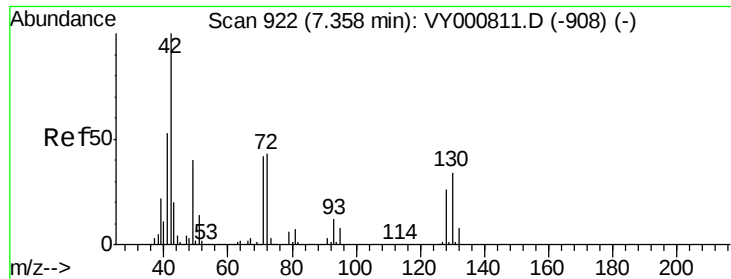


#28

Bromochloromethane
 Concen: 57.448 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 49 Resp: 148609
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 71.3 58.7 88.1

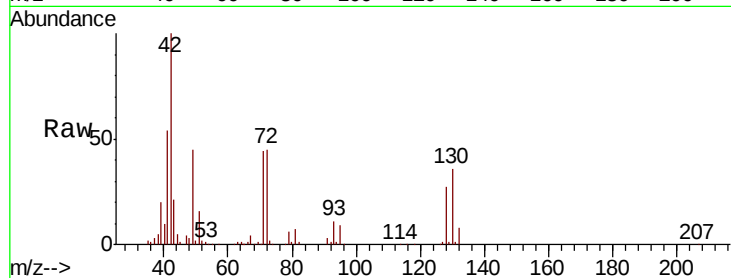




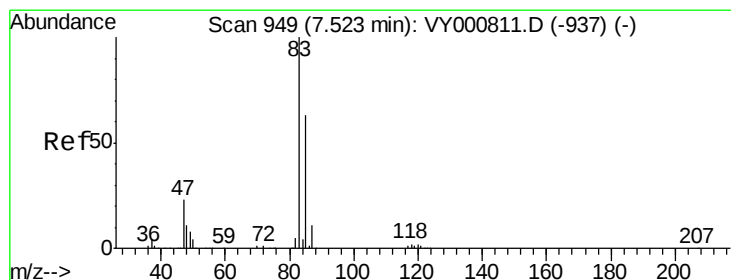
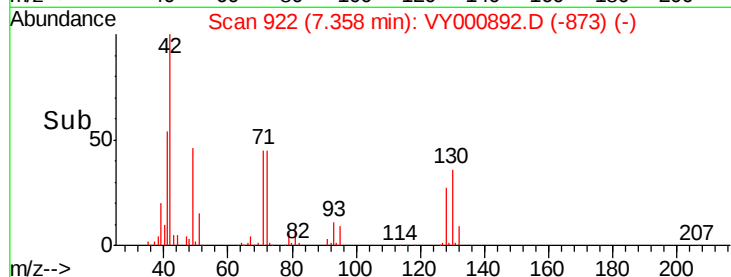
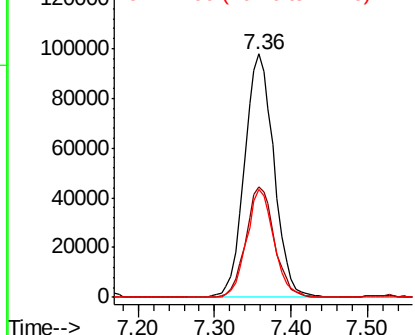
#29
Tetrahydrofuran
Concen: 265.519 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 261038
Ion Ratio Lower Upper
42 100
72 44.2 35.1 52.7
71 41.3 32.8 49.2

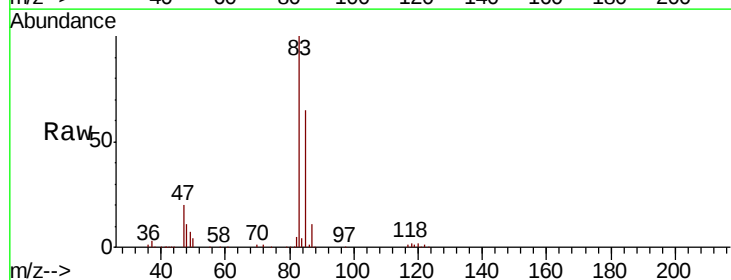


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

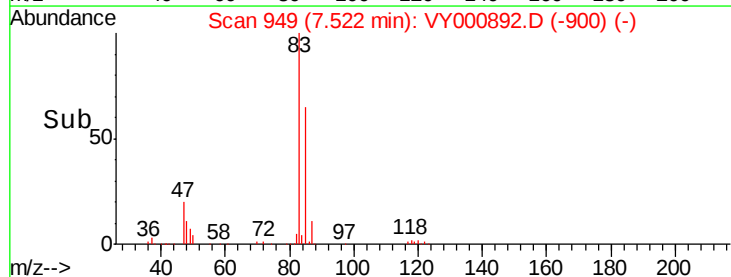
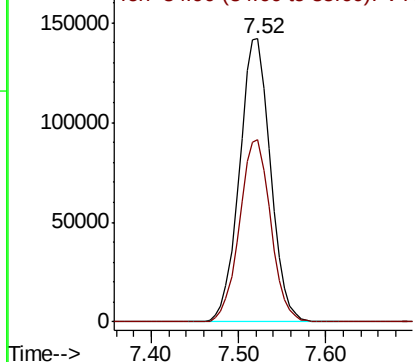


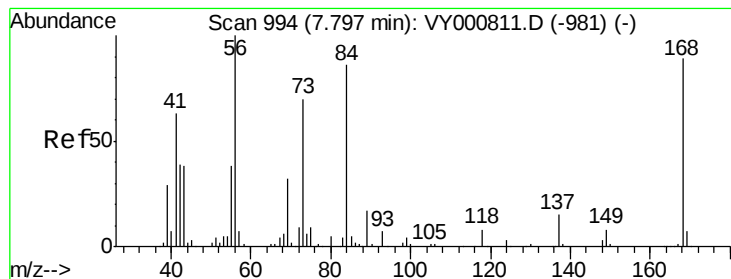
#30
Chloroform
Concen: 49.685 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 83 Resp: 349749
Ion Ratio Lower Upper
83 100
85 64.6 50.4 75.6



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





#31

Cyclohexane

Concen: 46.986 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

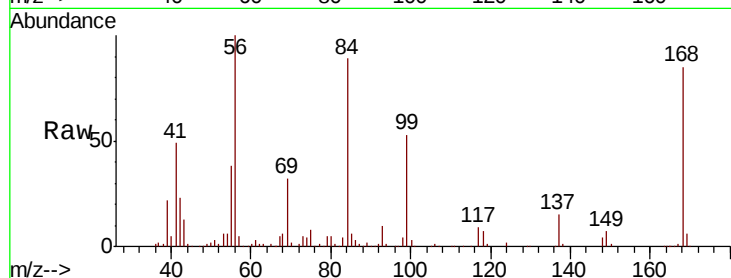
Tot Ion: 56 Resp: 349273

Ion Ratio Lower Upper

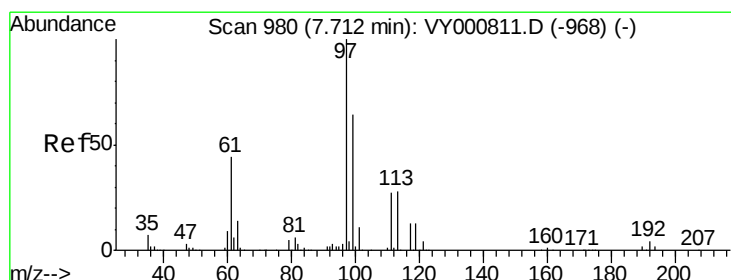
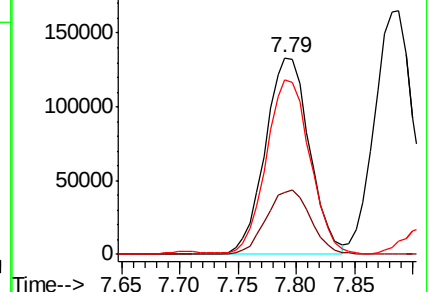
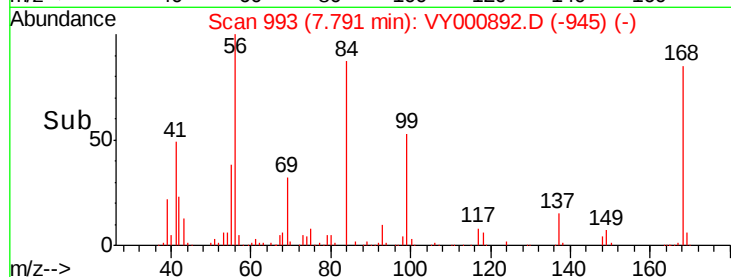
56 100

69 31.6 25.9 38.9

84 87.1 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: 50.145 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

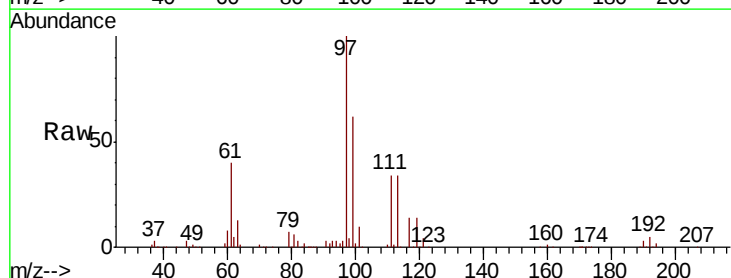
Tgt Ion: 97 Resp: 291480

Ion Ratio Lower Upper

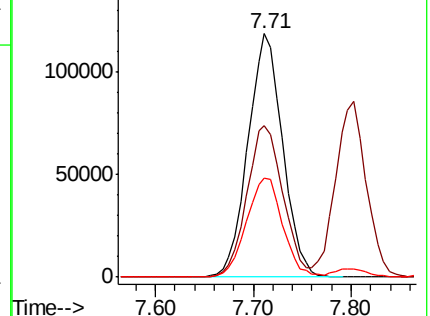
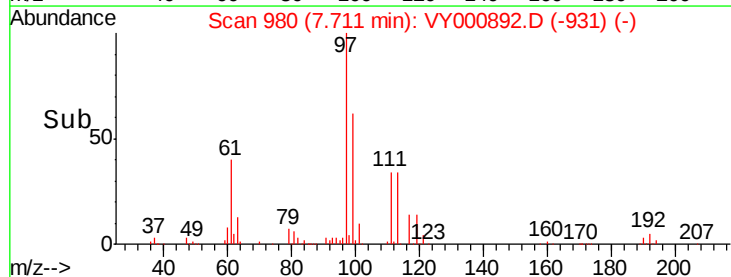
97 100

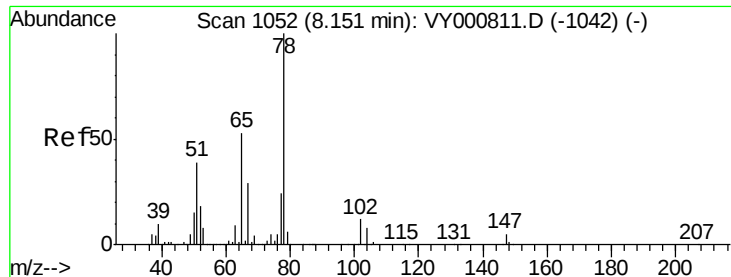
99 64.7 51.7 77.5

61 42.5 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

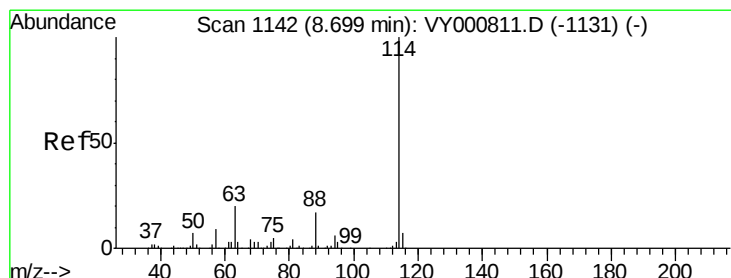
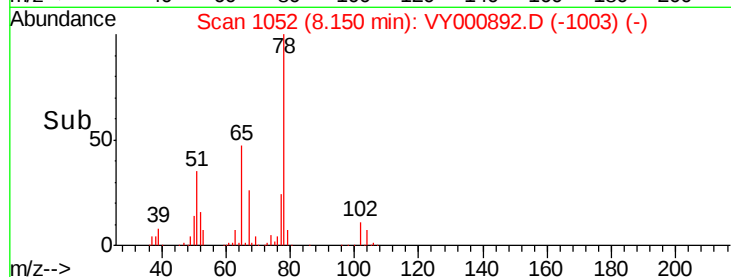
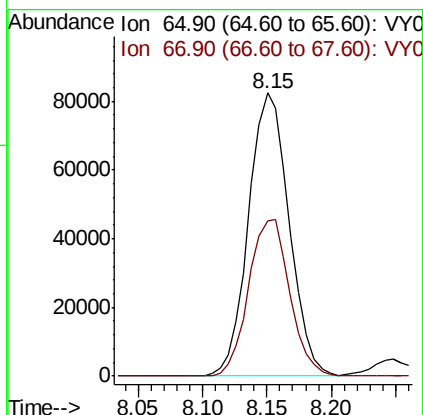
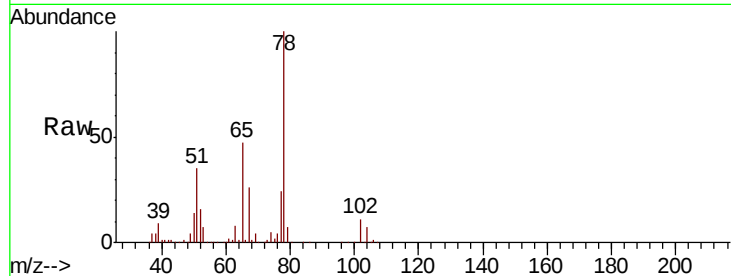




#33
 1,2-Dichloroethane-d4
 Concen: 51.236 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

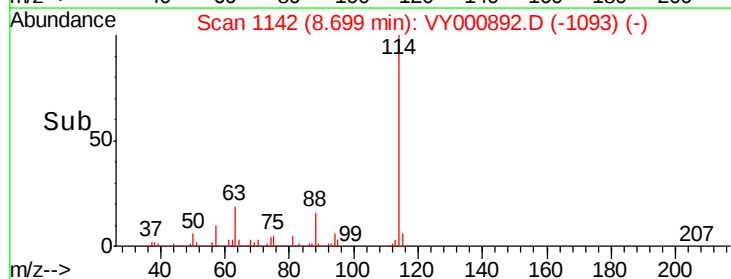
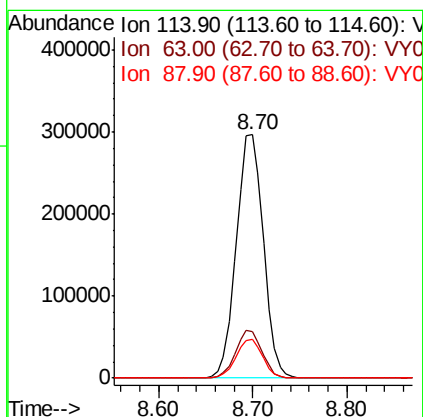
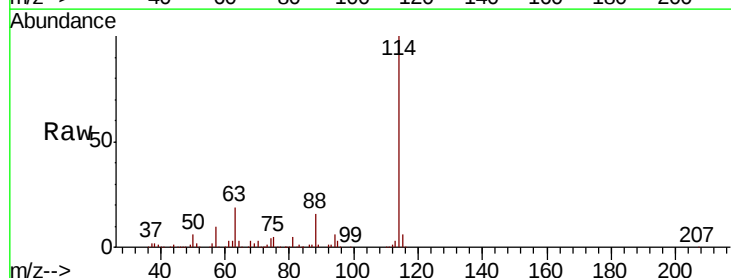
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

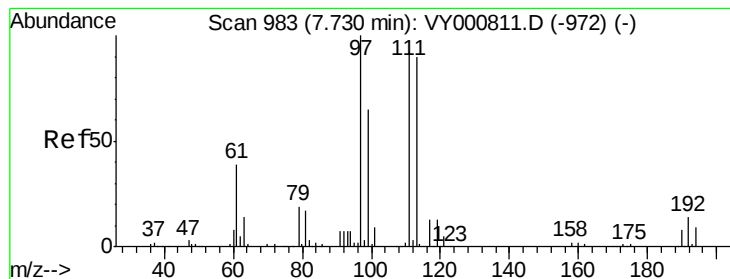
Tot Ion: 65 Resp: 179379
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 114 Resp: 595020
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.178 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

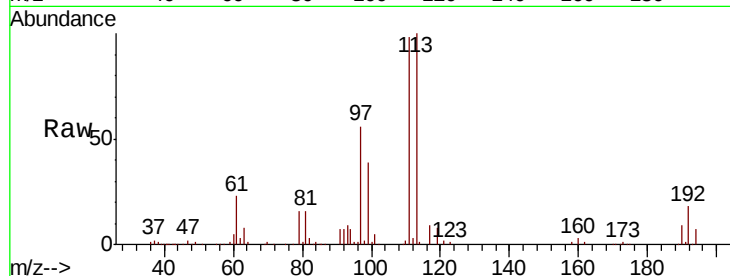
Tot Ion:113 Resp: 177473

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

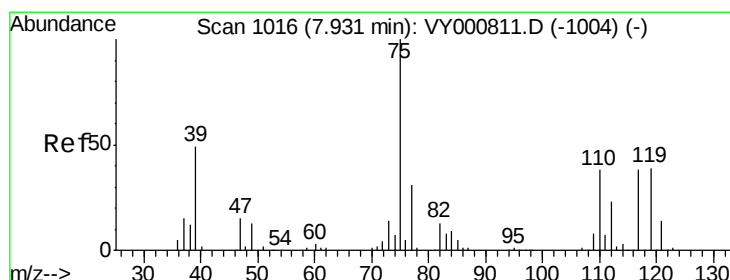
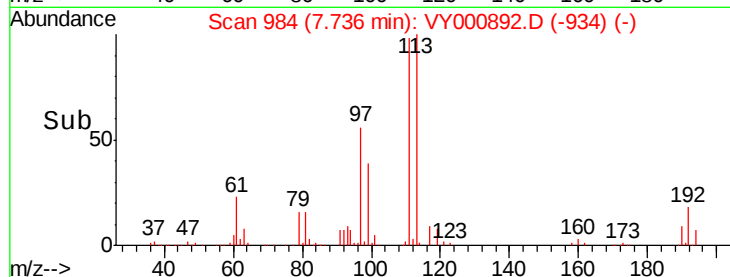
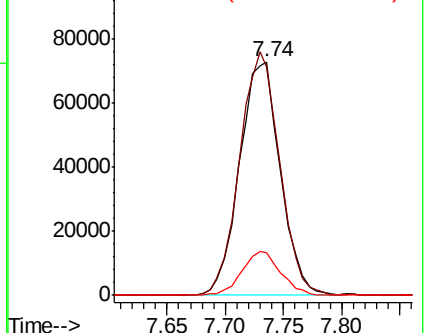
192 18.0 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.362 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

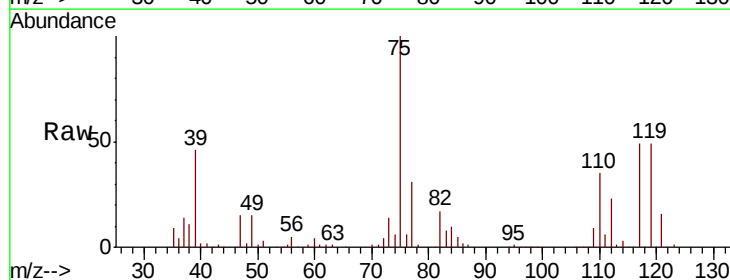
Tgt Ion: 75 Resp: 280206

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.7

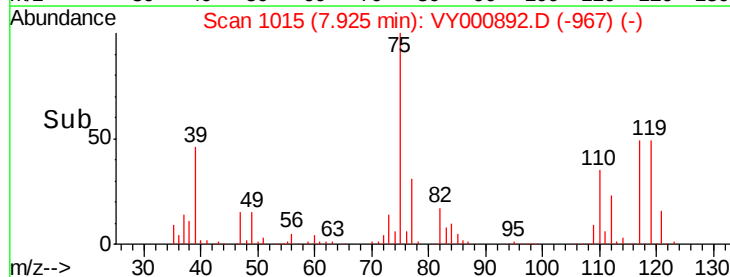
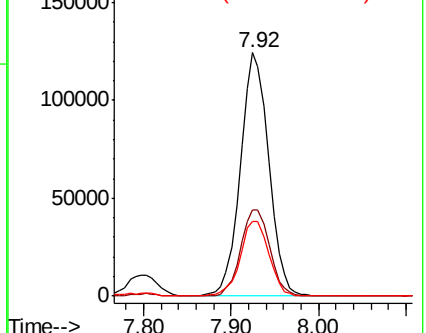
77 31.4 24.7 37.1

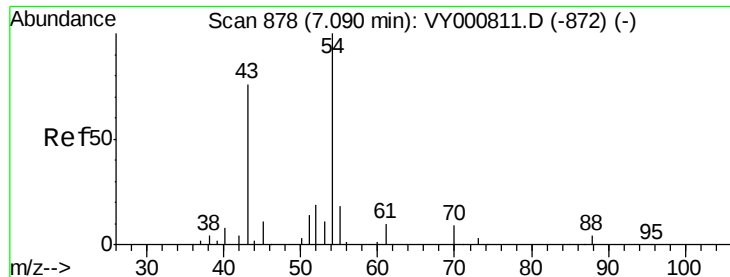


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

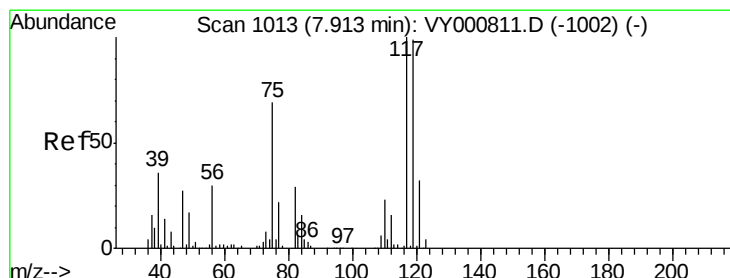
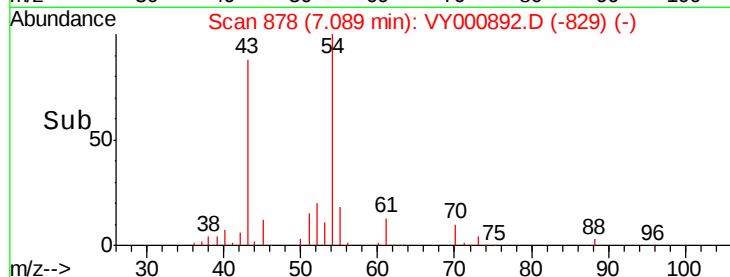
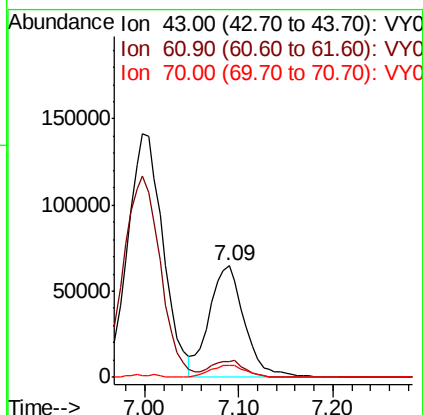
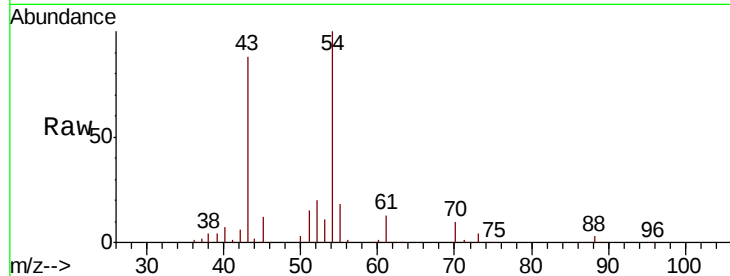




#37
Ethyl Acetate
Concen: 49.133 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

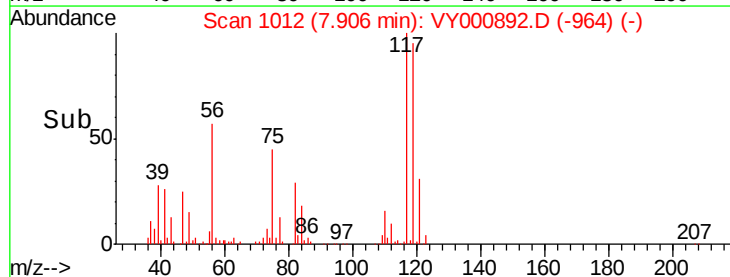
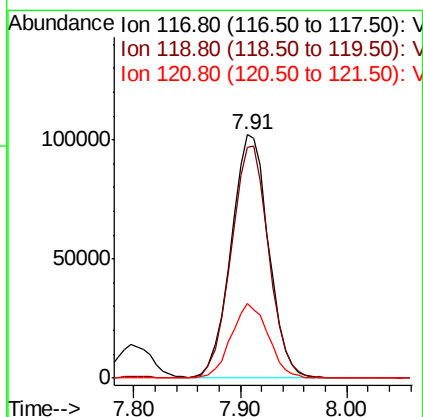
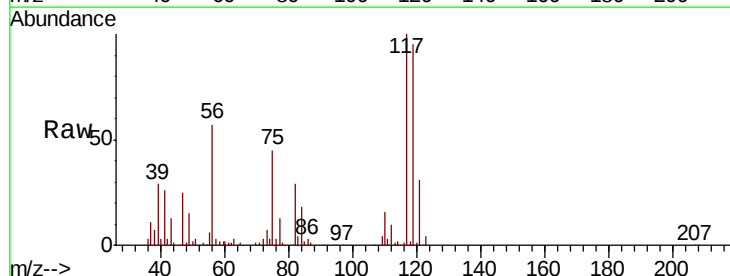
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

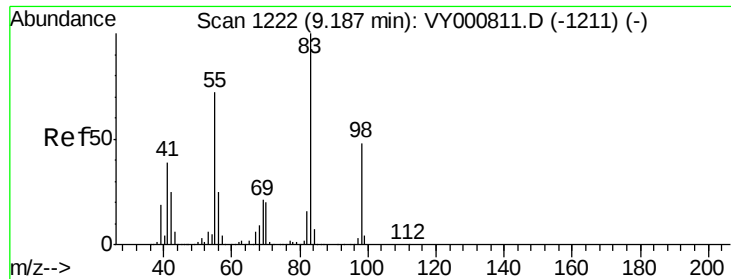
Tot Ion: 43 Resp: 167844
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.8
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.906 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 117 Resp: 252407
Ion Ratio Lower Upper
117 100
119 95.0 79.3 118.9
121 30.6 25.5 38.3

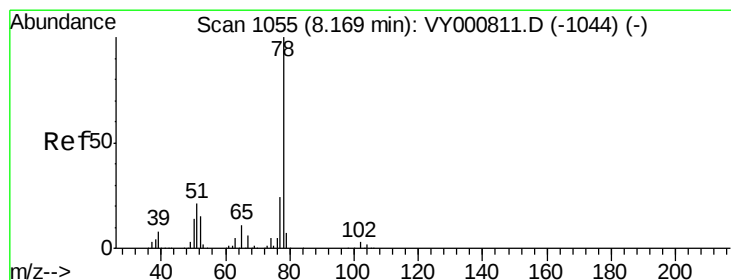
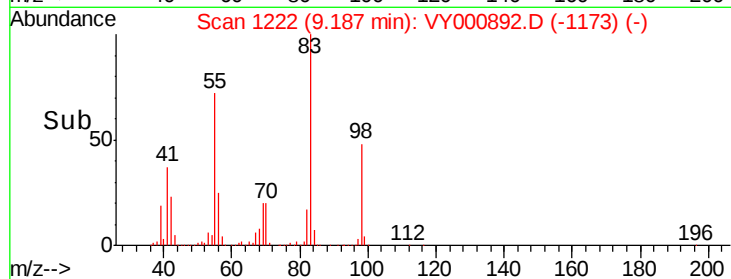
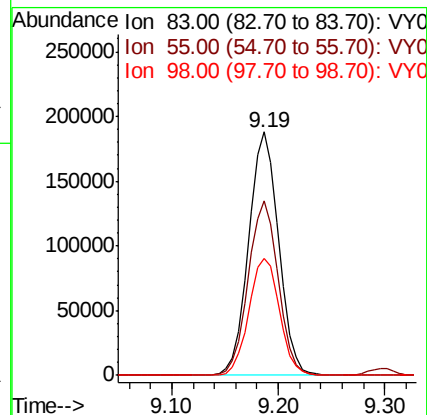
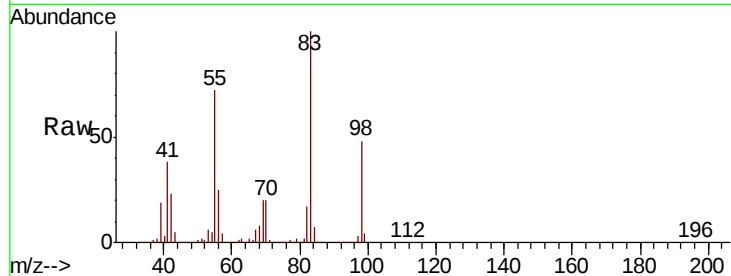




#39
Methvlcvclohexane
Concen: 47.425 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

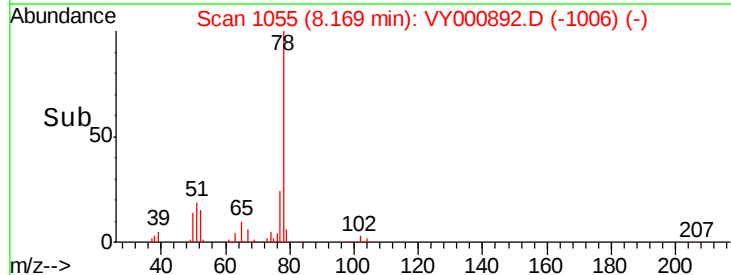
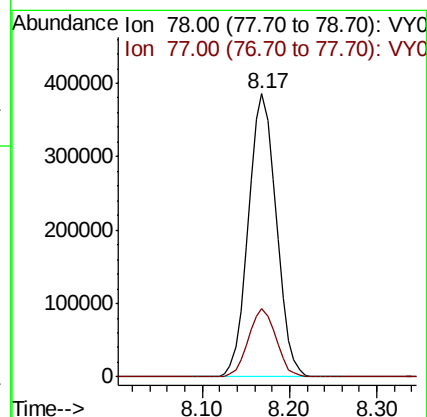
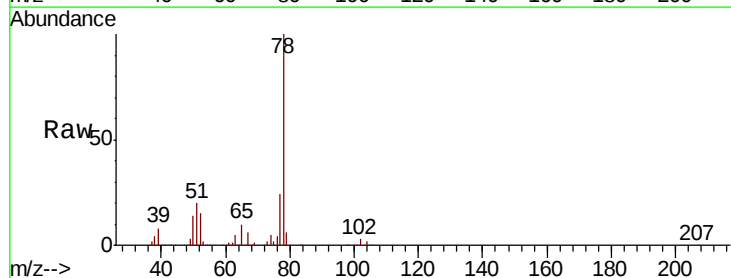
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

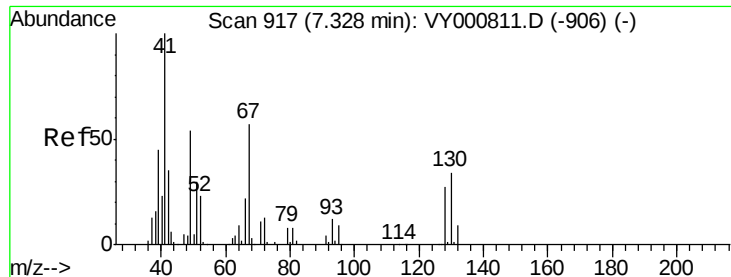
Tot Ion: 83 Resp: 371733
Ion Ratio Lower Upper
83 100
55 71.7 57.8 86.6
98 48.0 38.6 58.0



#40
Benzene
Concen: 49.516 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 78 Resp: 853317
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

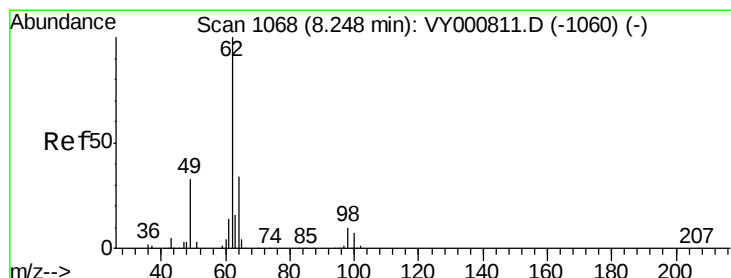
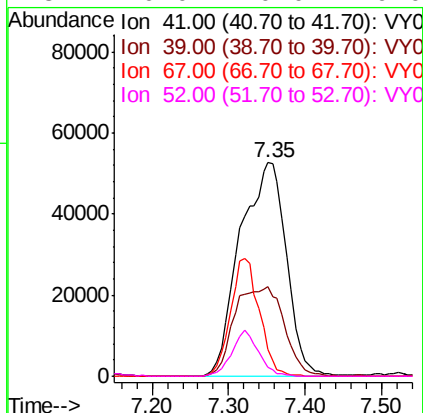
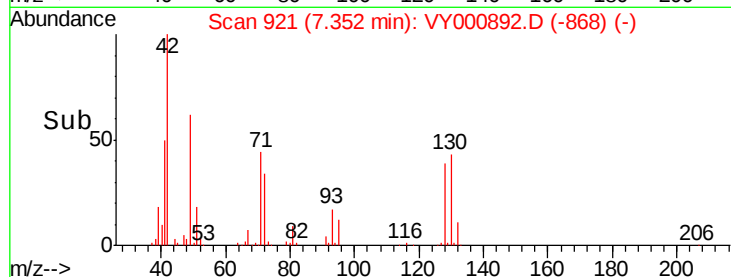
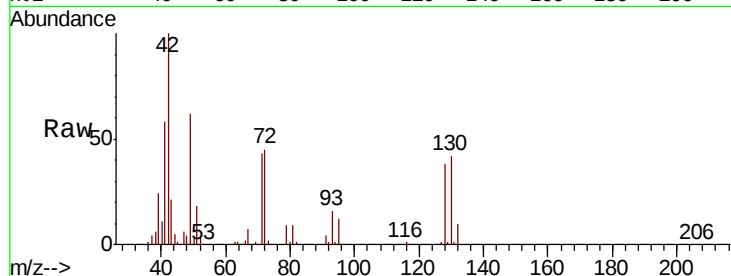




#41
Methacrylonitrile
Concen: 122.710 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

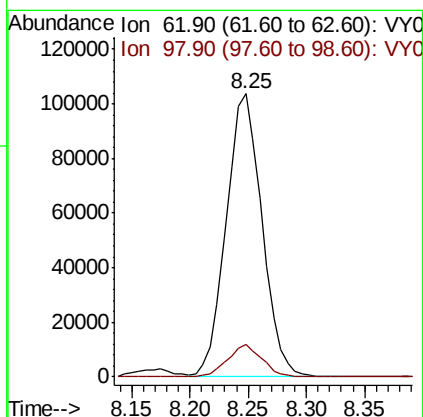
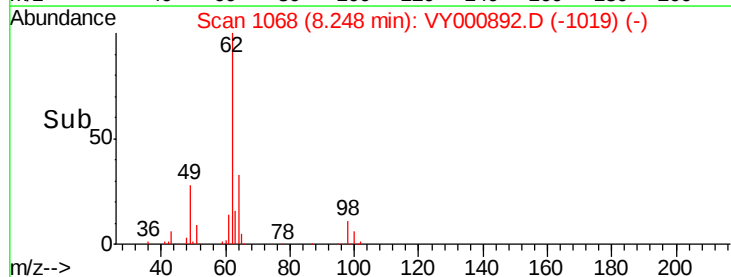
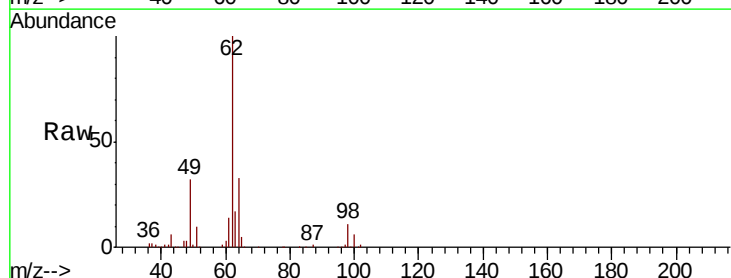
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

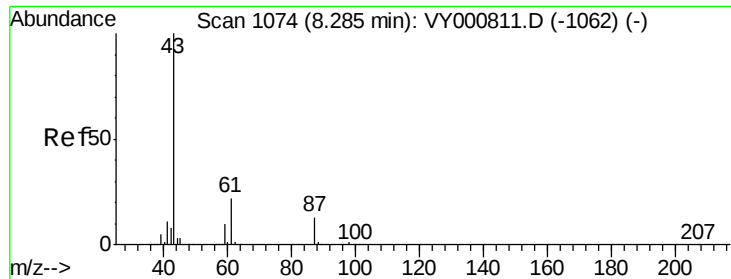
Tot Ion: 41 Resp: 220938
Ion Ratio Lower Upper
41 100
39 44.7 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.032 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 62 Resp: 222221
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4

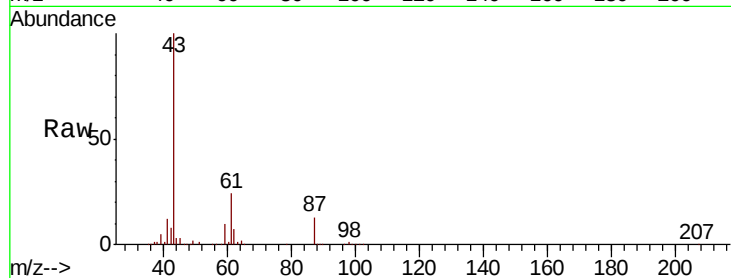




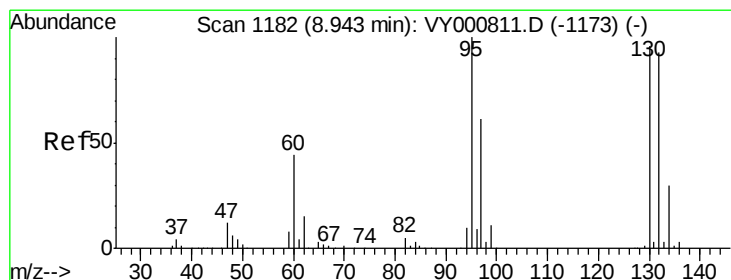
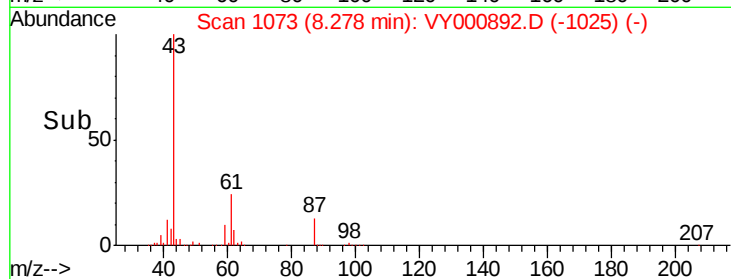
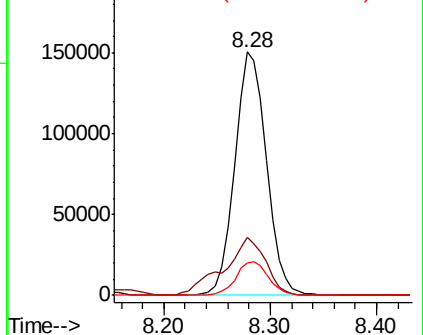
#43
Isopropyl Acetate
Concen: 48.701 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 313520
Ion Ratio Lower Upper
43 100
61 31.3 23.7 35.5
87 14.1 10.6 15.8

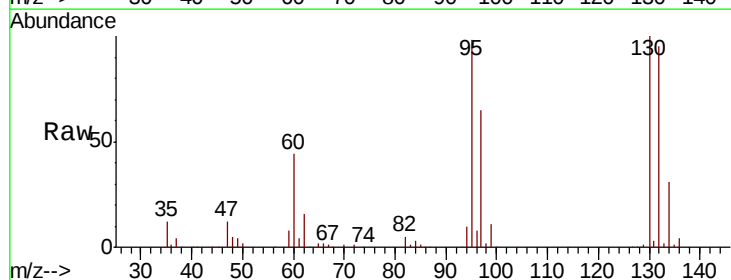


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

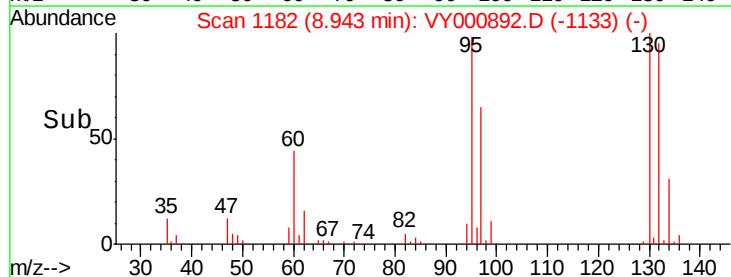
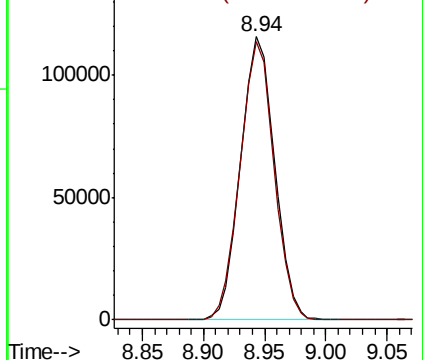


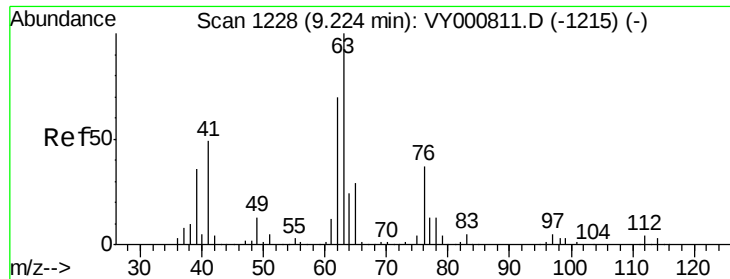
#44
Trichloroethene
Concen: 50.649 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion:130 Resp: 224318
Ion Ratio Lower Upper
130 100
95 98.2 0.0 207.8



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

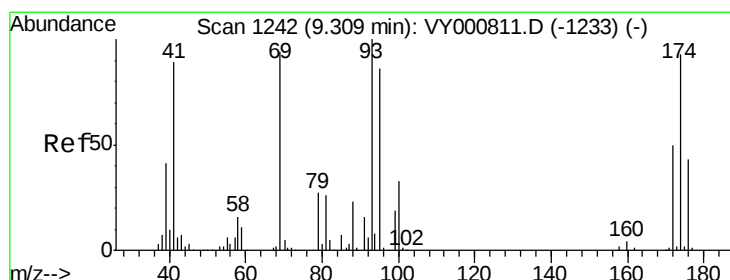
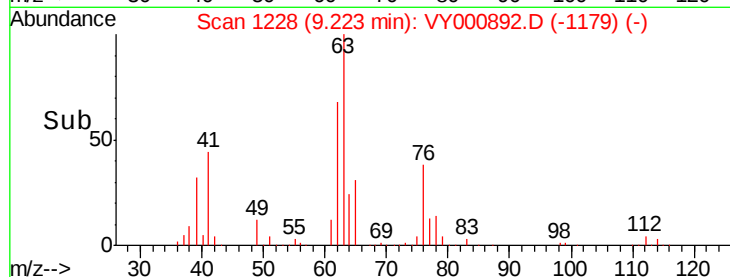
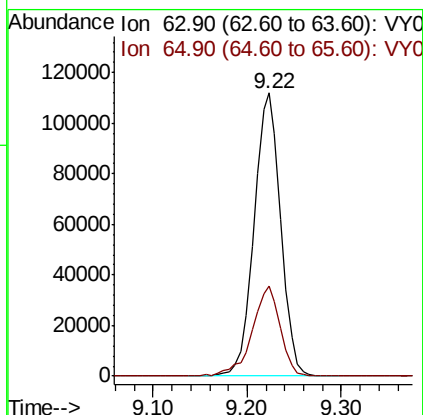
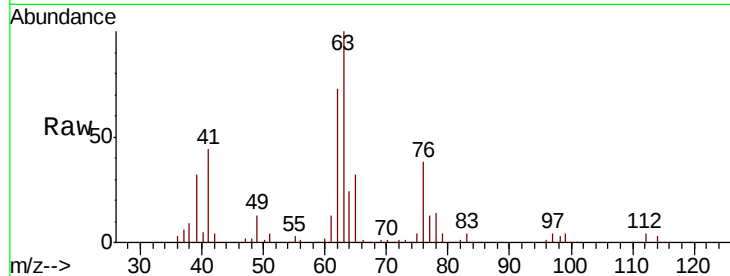




#45
 1,2-Dichloropropane
 Concen: 51.203 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

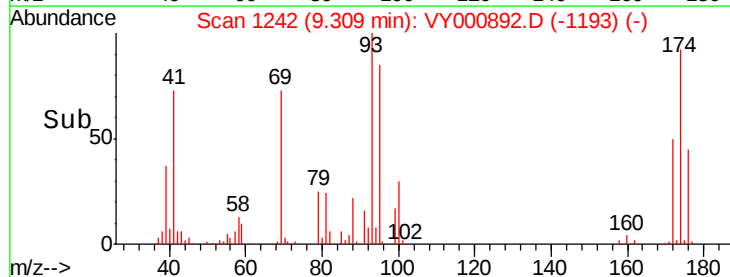
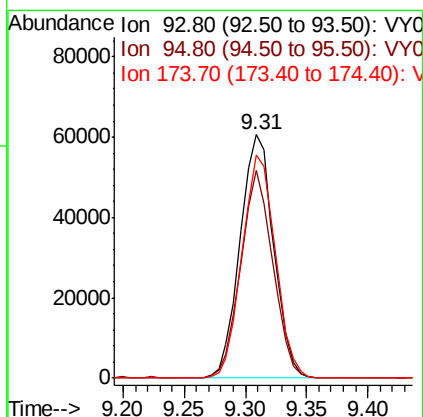
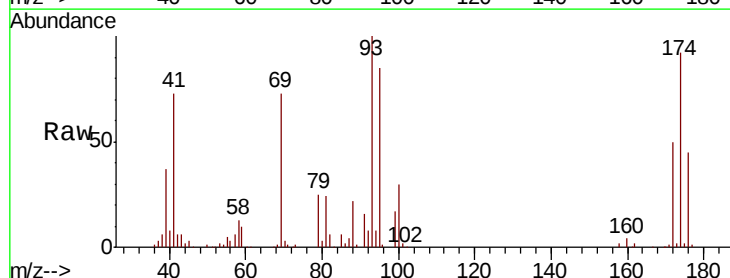
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

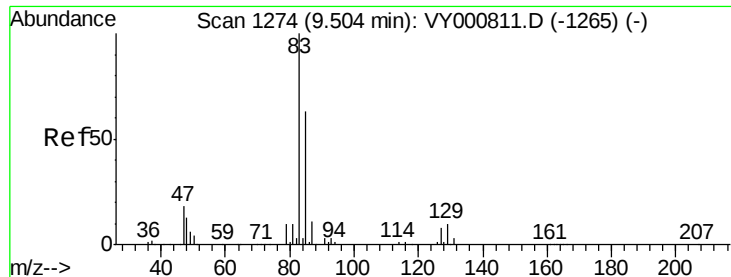
Tot Ion: 63 Resp: 221643
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.2 34.8



#46
 Dibromomethane
 Concen: 51.308 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 93 Resp: 116042
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 91.0 73.0 109.6

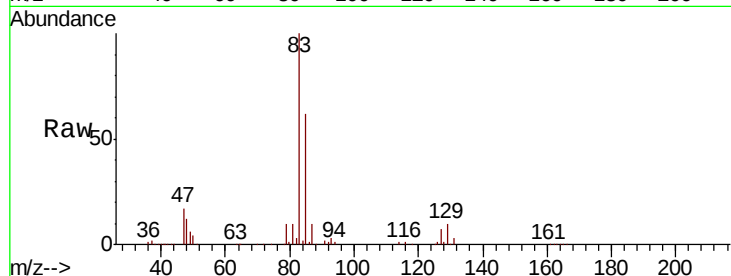




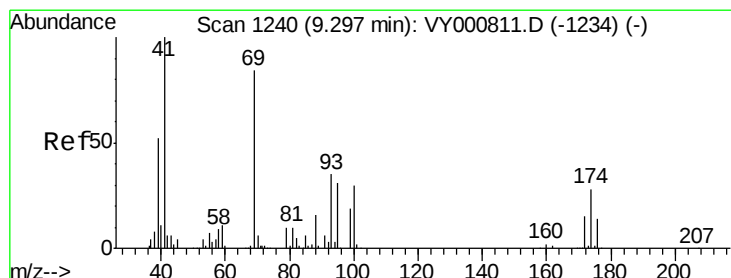
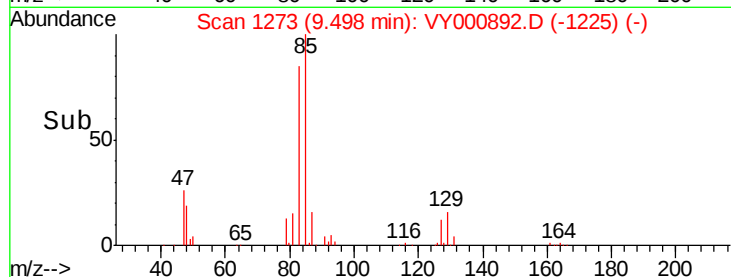
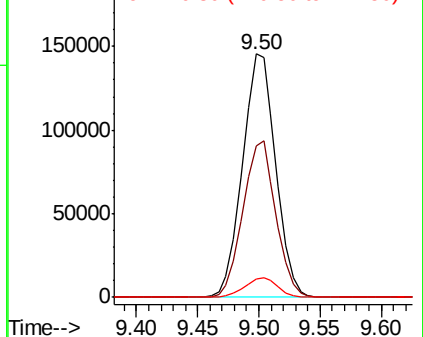
#47
Bromodichloromethane
Concen: 51.519 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 273725
Ion Ratio Lower Upper
83 100
85 62.4 50.8 76.2
127 7.3 6.6 10.0

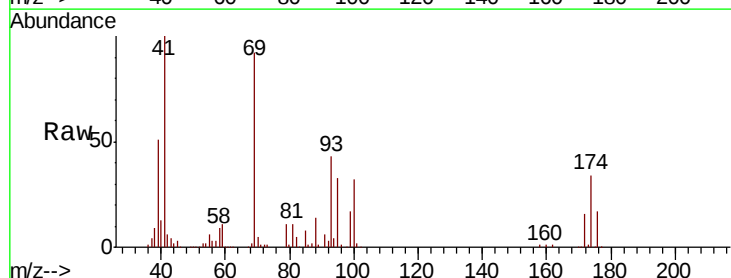


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

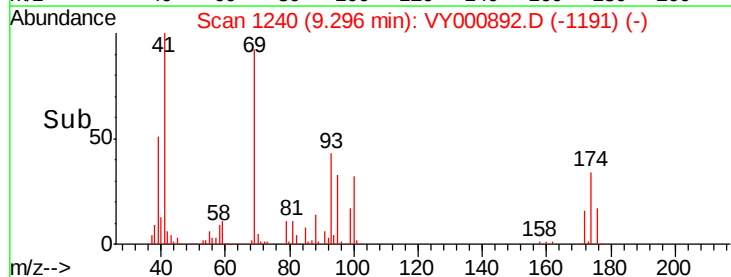
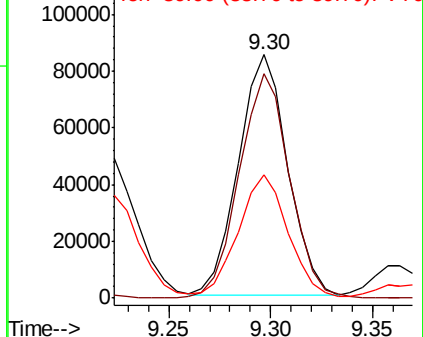


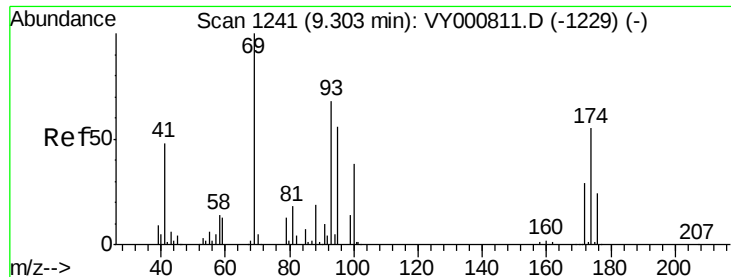
#48
Methyl methacrylate
Concen: 50.258 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 41 Resp: 142273
Ion Ratio Lower Upper
41 100
69 95.4 70.4 105.6
39 52.4 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

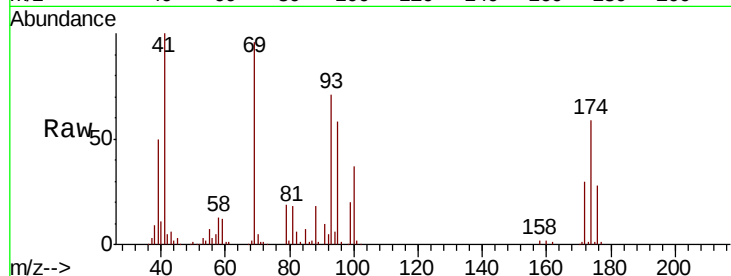




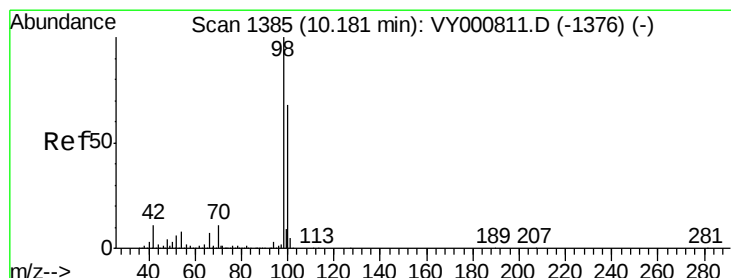
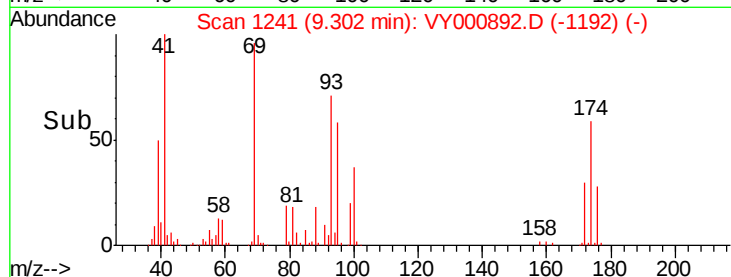
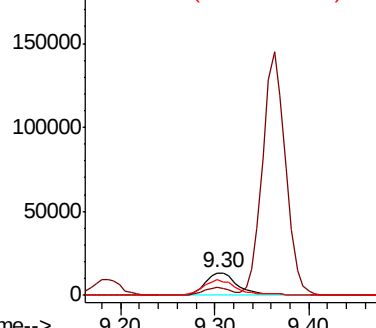
#49
1,4-Dioxane
Concen: 1013.935 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 32493
Ion Ratio Lower Upper
88 100
43 27.5 21.1 31.7
58 71.9 50.7 76.1

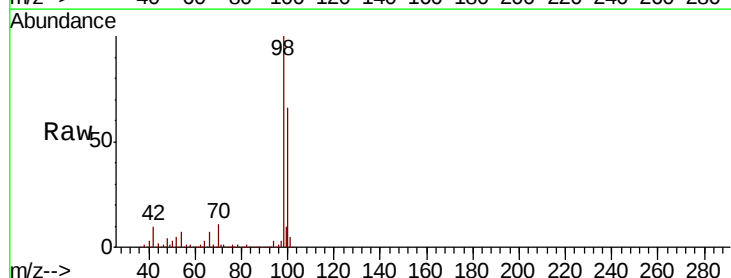


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

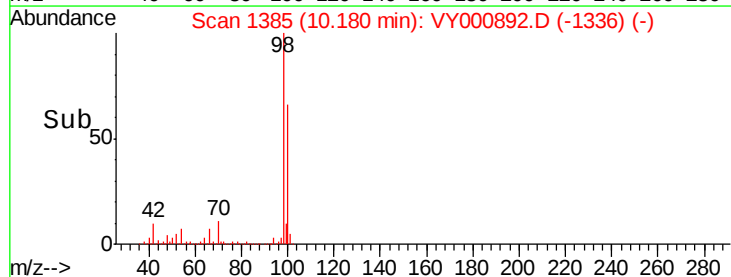
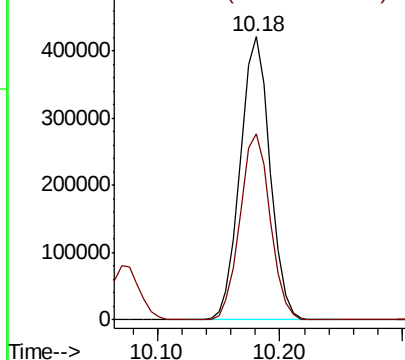


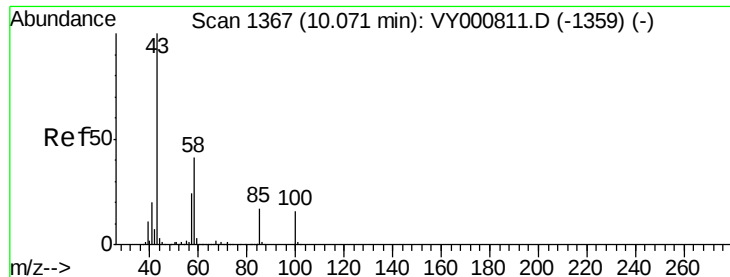
#50
Toluene-d8
Concen: 51.417 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 98 Resp: 712838
Ion Ratio Lower Upper
98 100
100 66.4 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: 250.881 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

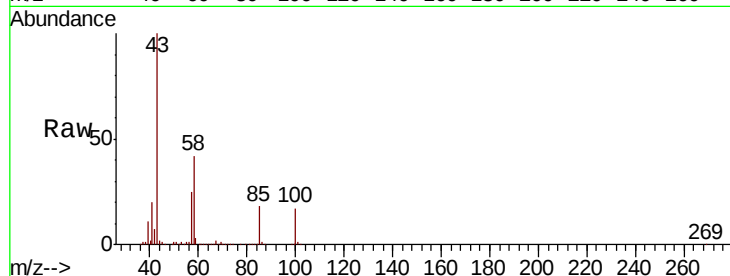
VSTDCCC050EC

Tot Ion: 43 Resp: 834477

Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

500000

400000

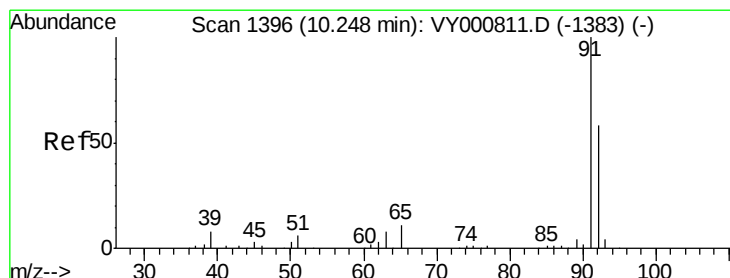
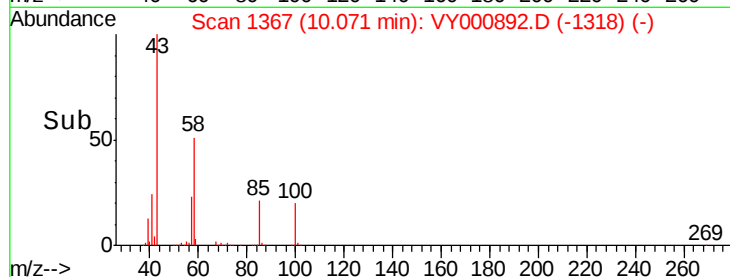
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.094 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000892.D

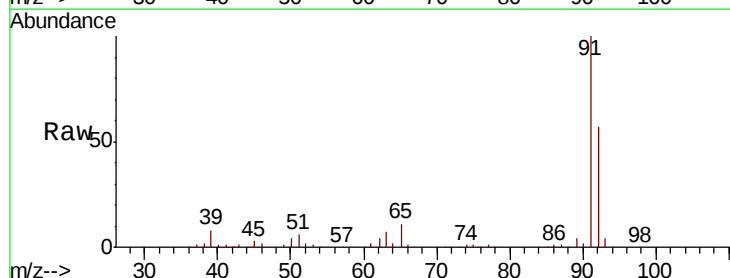
Acq: 05 Dec 2019 19:15

Tgt Ion: 92 Resp: 523831

Ion Ratio Lower Upper

92 100

91 173.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

600000

500000

400000

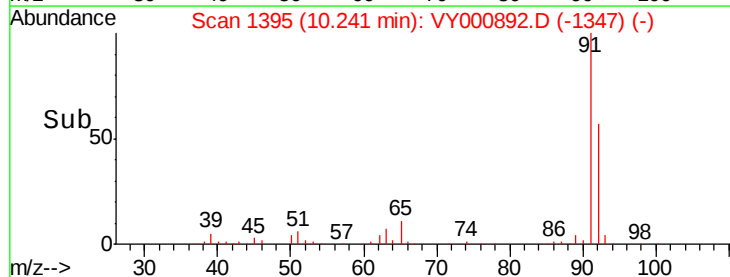
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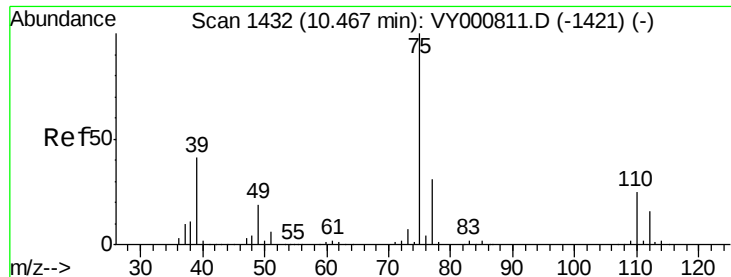
200000

100000

0

Time-->

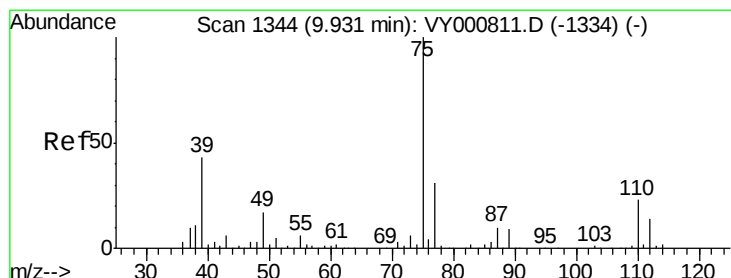
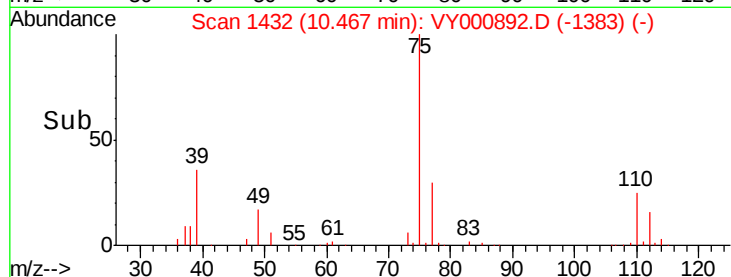
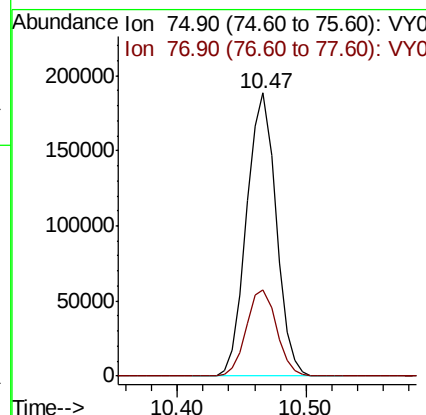
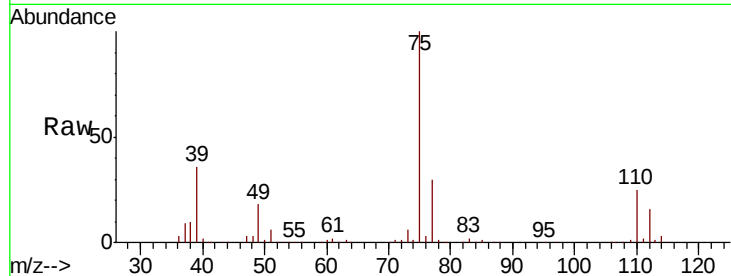




#53
t-1,3-Dichloropropene
Concen: 52.196 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

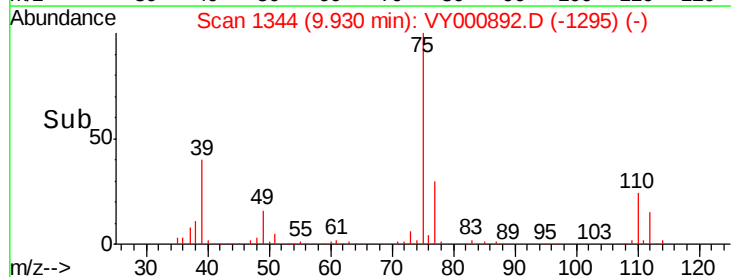
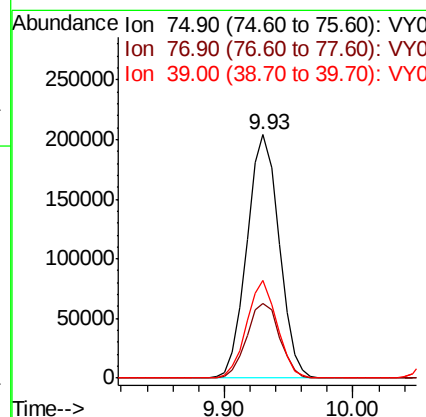
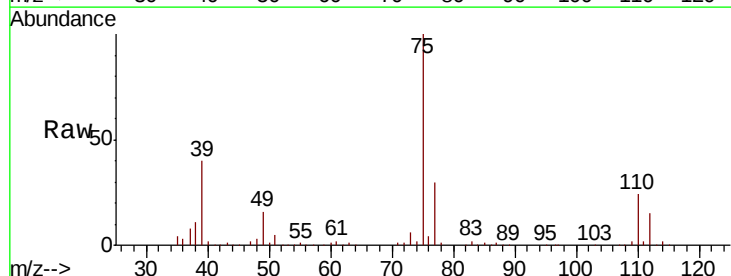
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

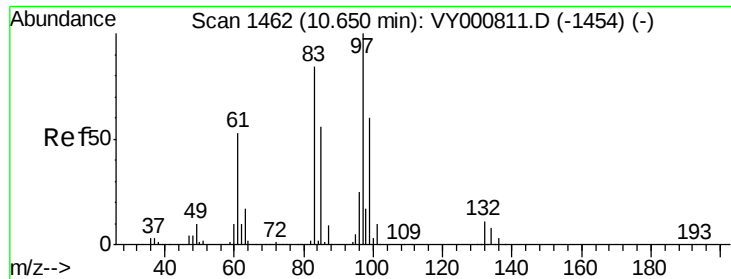
Tot Ion: 75 Resp: 297943
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.112 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 75 Resp: 351601
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1
39 39.9 34.5 51.7

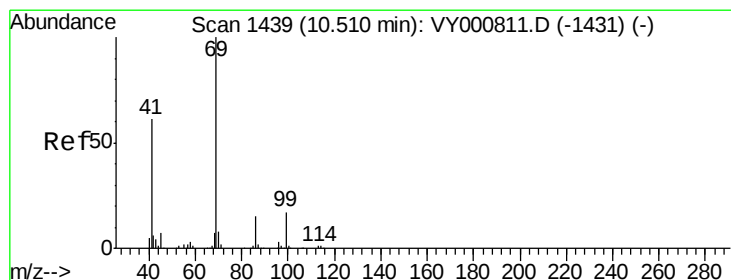
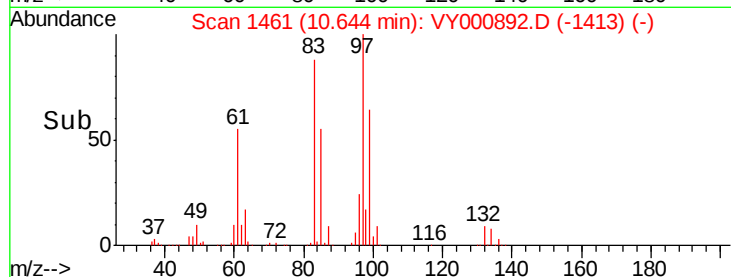
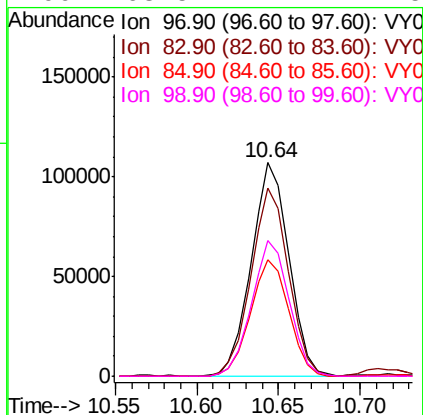
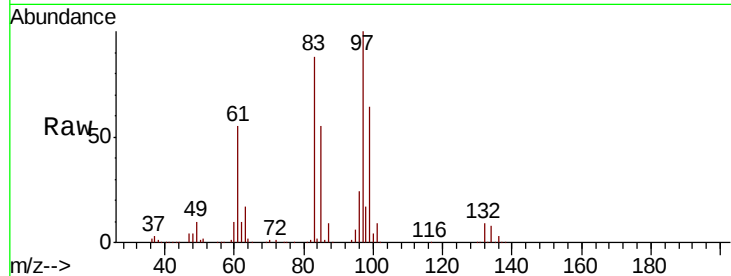




#55
 1,1,2-Trichloroethane
 Concen: 51.609 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

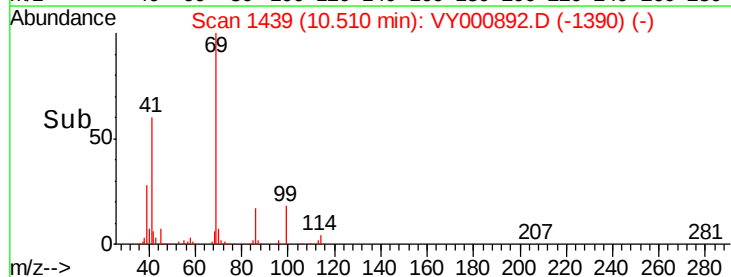
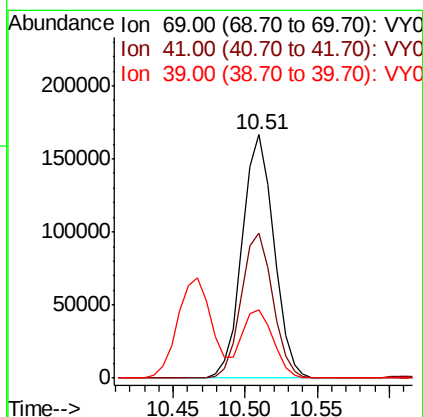
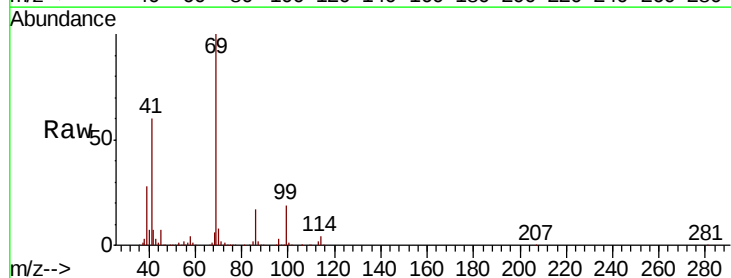
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

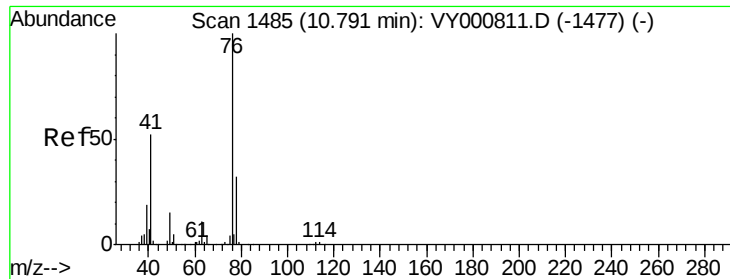
Tot Ion: 97 Resp: 172451
 Ion Ratio Lower Upper
 97 100
 83 87.9 67.5 101.3
 85 54.6 44.5 66.7
 99 63.5 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 53.357 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 69 Resp: 255054
 Ion Ratio Lower Upper
 69 100
 41 58.9 49.0 73.6
 39 28.9 23.1 34.7





#57

1,3-Dichloropropane

Concen: 51.483 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

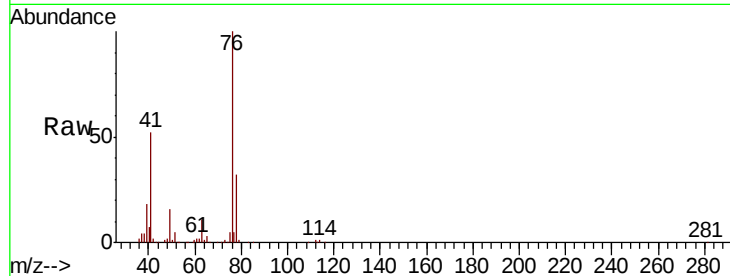
VSTDCCC050EC

Tot Ion: 76 Resp: 299827

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

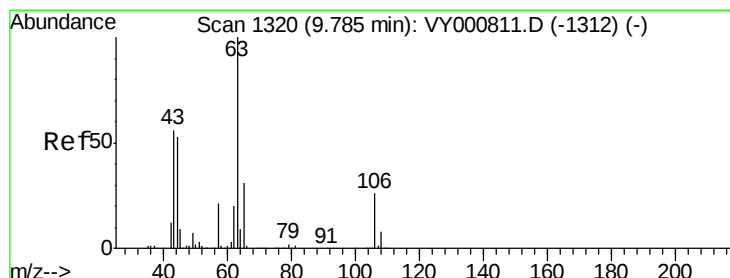
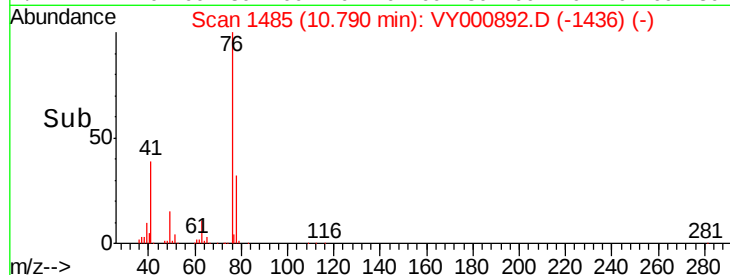
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.239 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000892.D

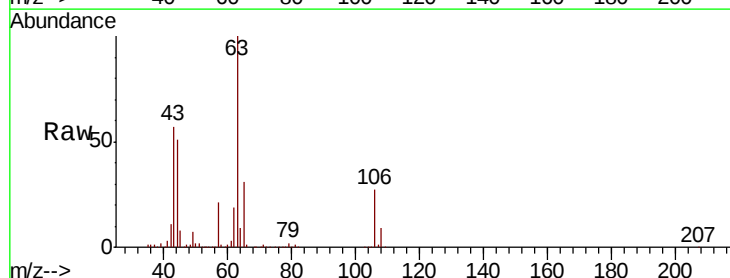
Acq: 05 Dec 2019 19:15

Tgt Ion: 63 Resp: 468820

Ion Ratio Lower Upper

63 100

106 27.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

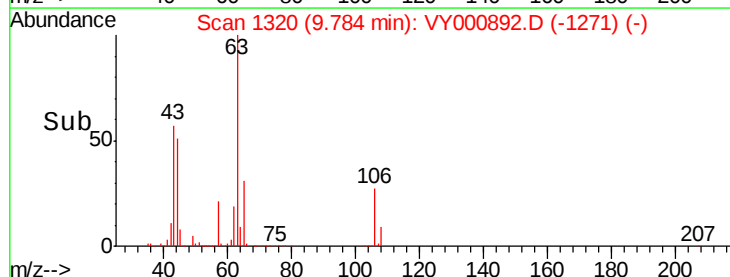
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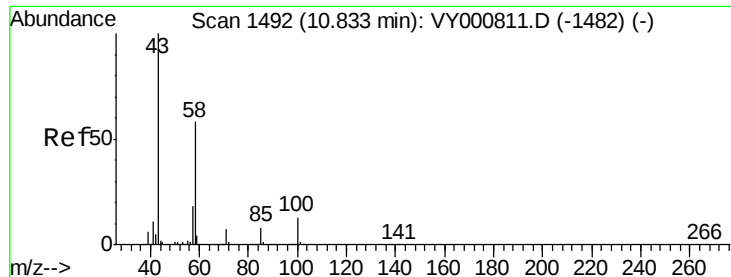
200000

100000

0

Time-->

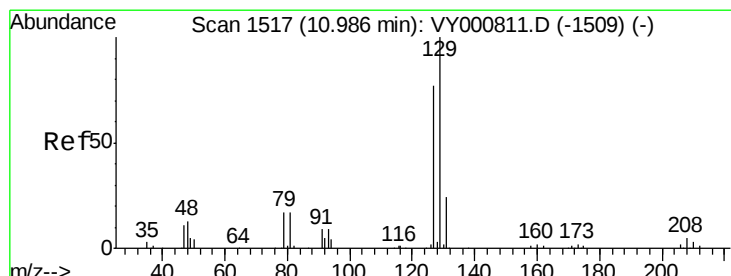
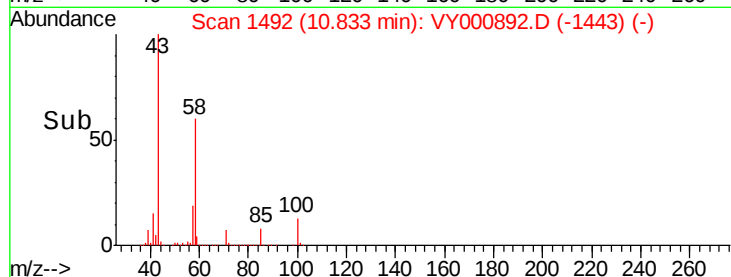
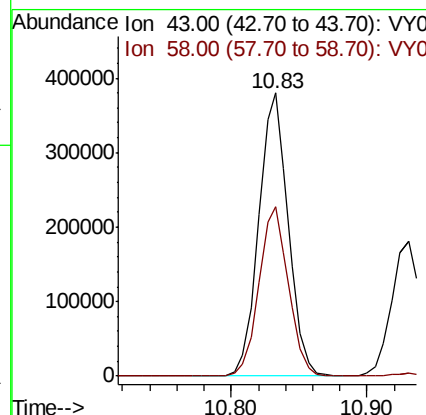
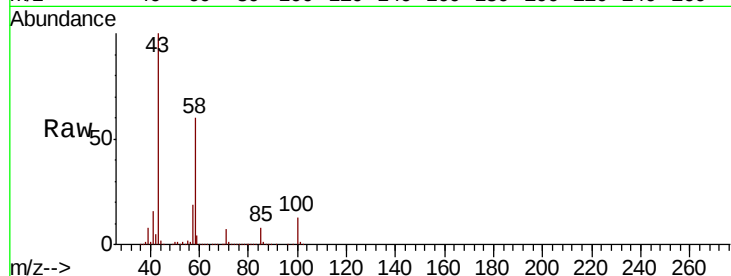




#59
2-Hexanone
Concen: 238.479 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

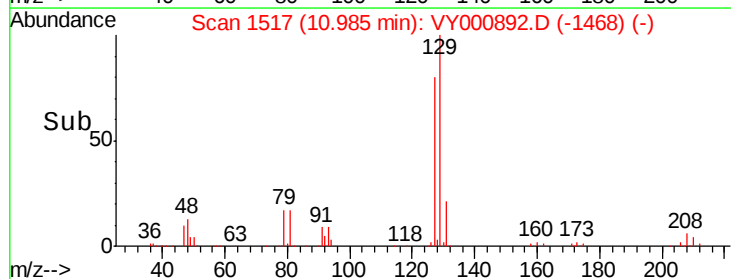
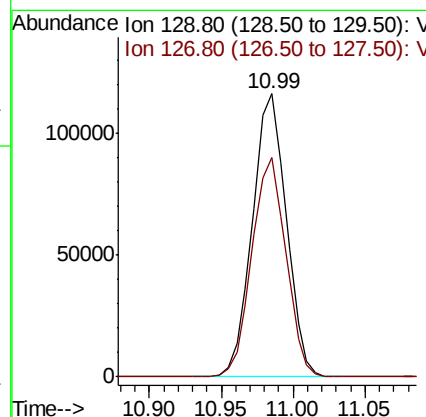
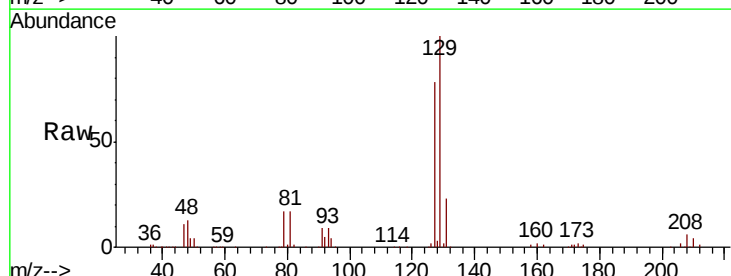
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

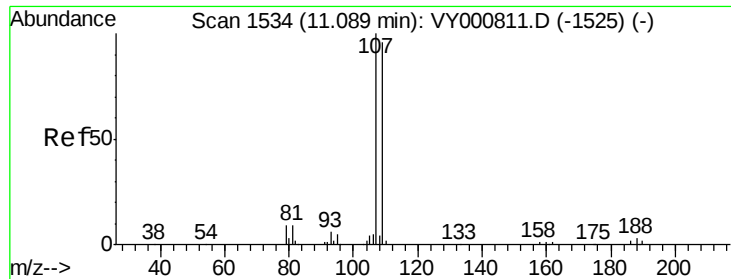
Tot Ion: 43 Resp: 578004
Ion Ratio Lower Upper
43 100
58 59.8 29.0 87.1



#60
Dibromochloromethane
Concen: 52.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 129 Resp: 189215
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

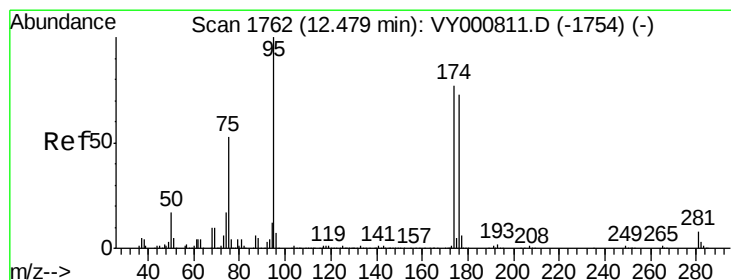
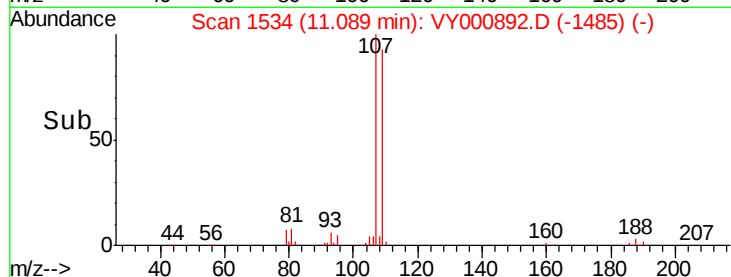
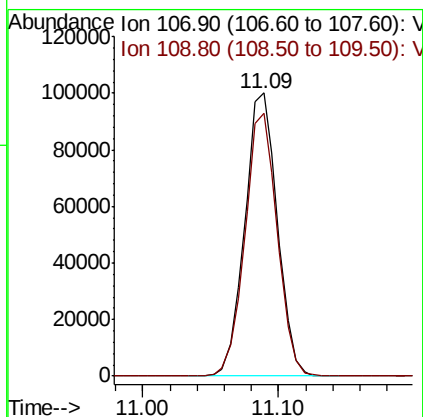
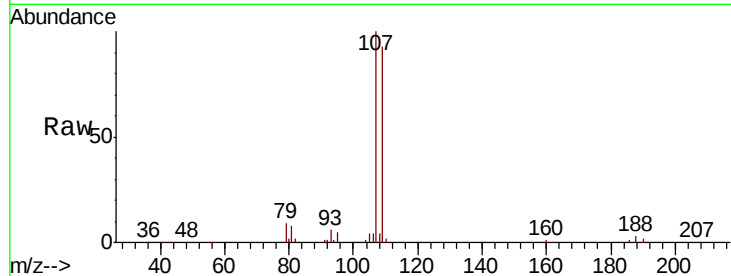




#61
 1,2-Dibromoethane
 Concen: 53.225 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

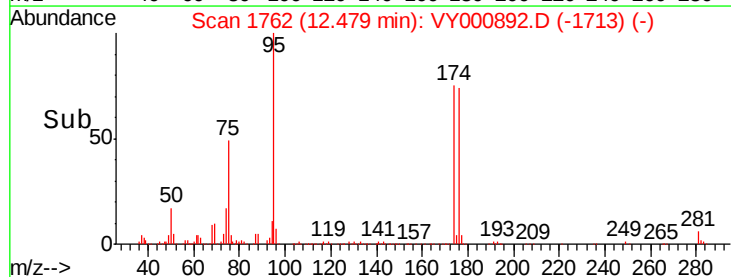
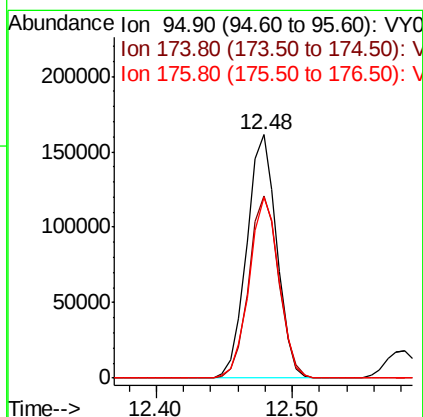
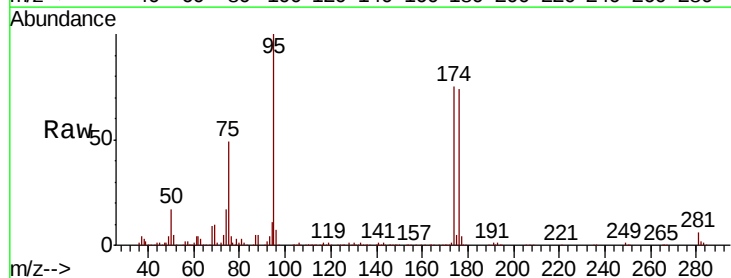
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

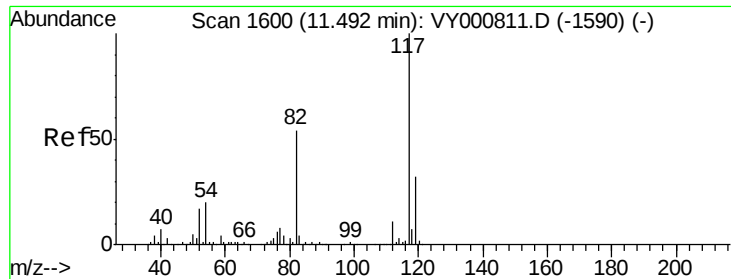
Tot Ion:107 Resp: 167614
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.849 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 95 Resp: 249135
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.6
 176 74.1 0.0 145.2

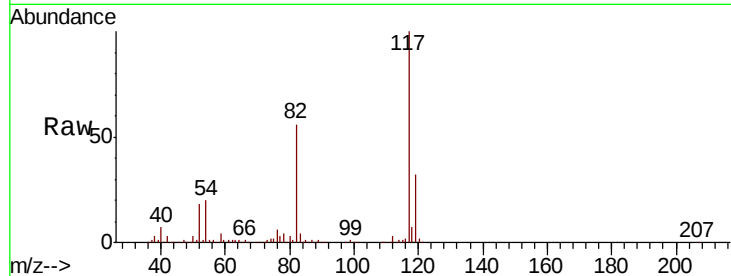




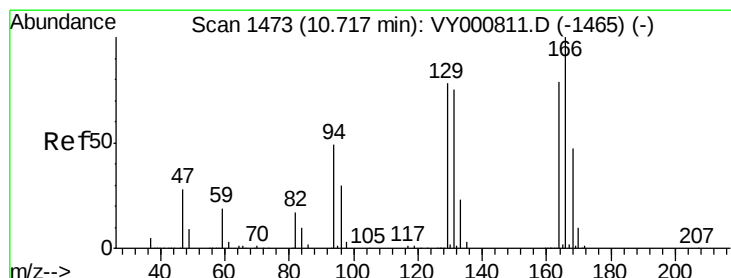
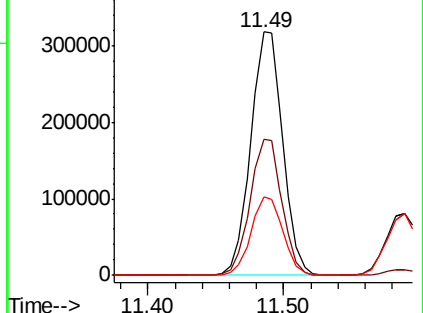
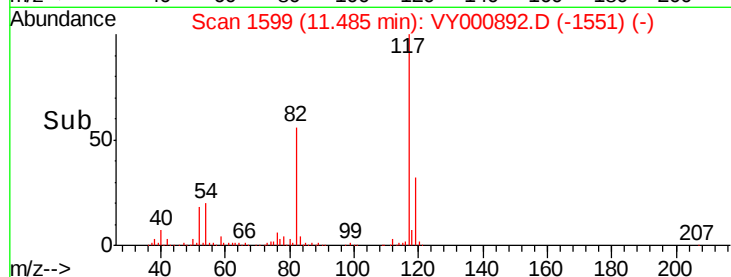
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 524829
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 32.0 25.3 37.9

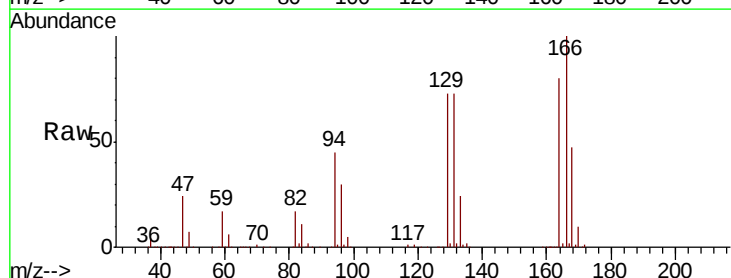


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

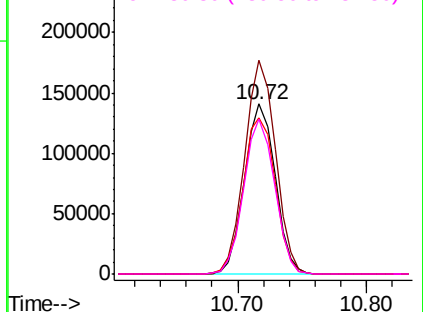
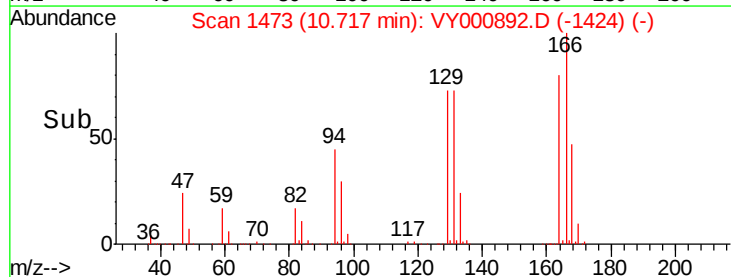


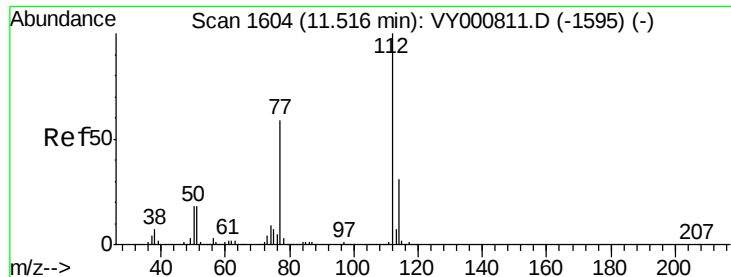
#64
Tetrachloroethene
Concen: 50.888 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion:164 Resp: 232043
Ion Ratio Lower Upper
164 100
166 125.5 101.8 152.8
129 92.1 79.3 118.9
131 91.1 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

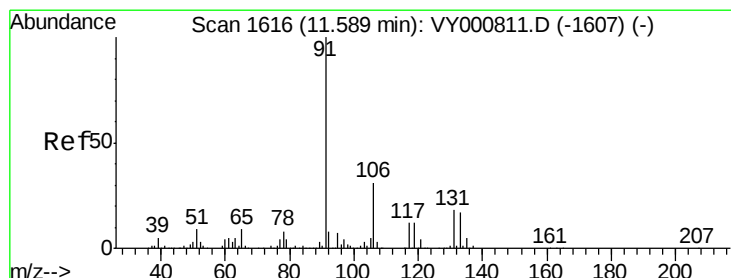
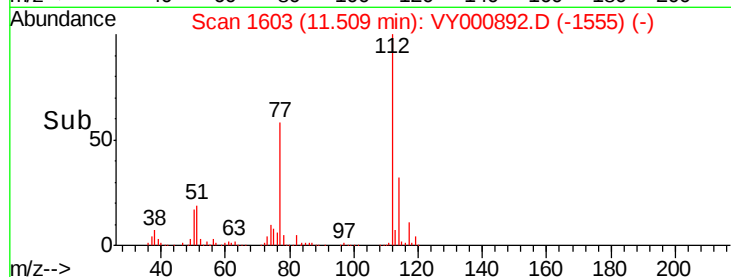
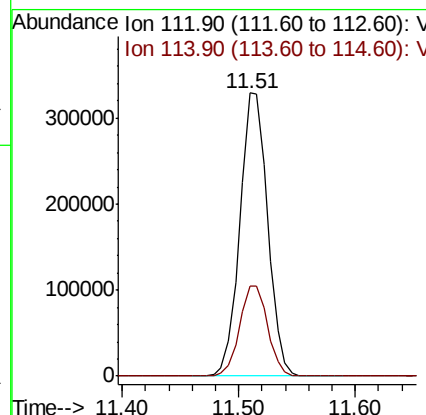
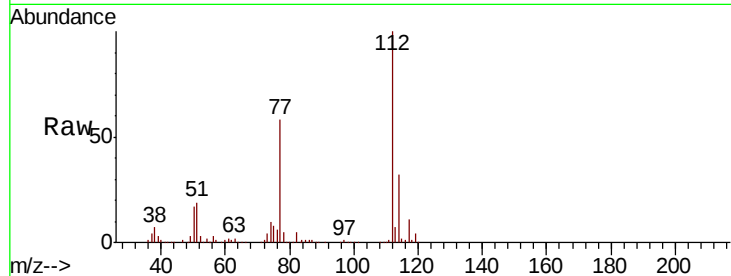




#65
Chlorobenzene
Concen: 50.172 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

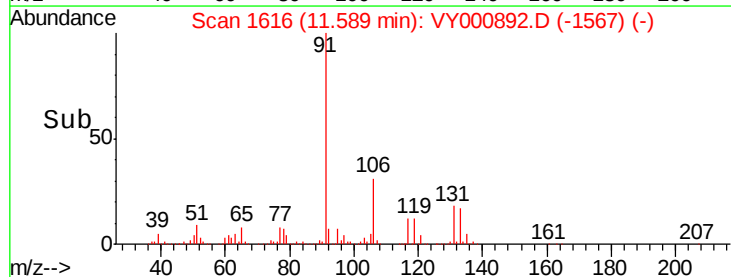
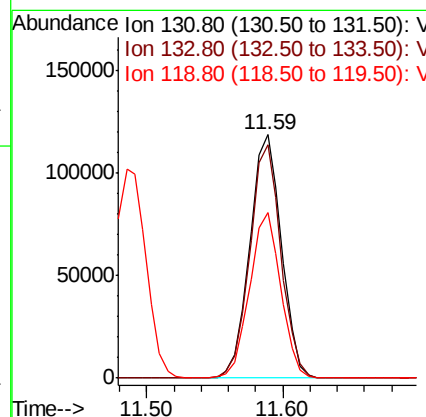
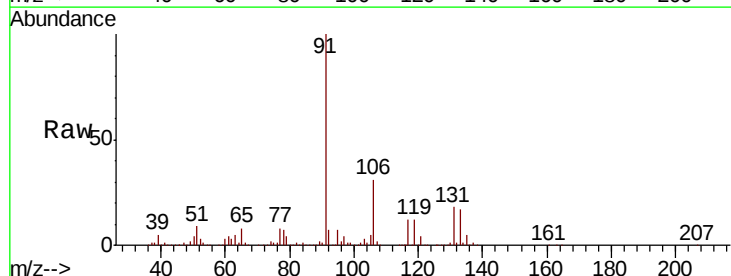
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

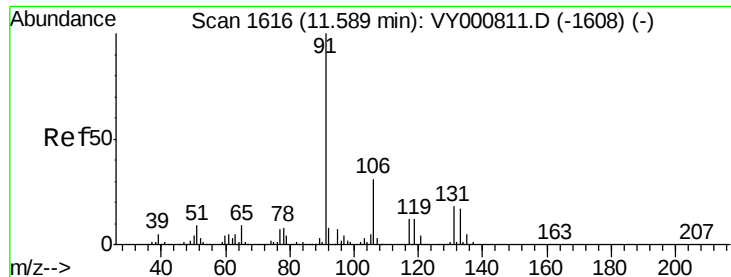
Tot Ion:112 Resp: 547339
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.518 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion:131 Resp: 193082
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.2
119 67.3 33.8 101.3

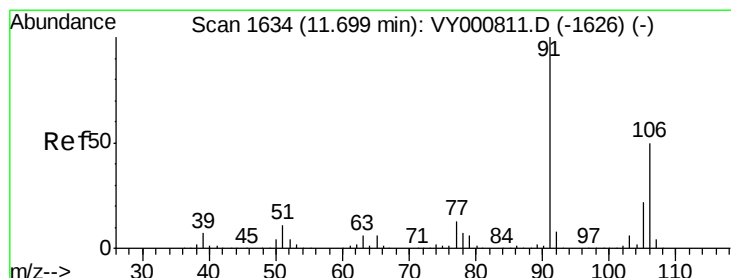
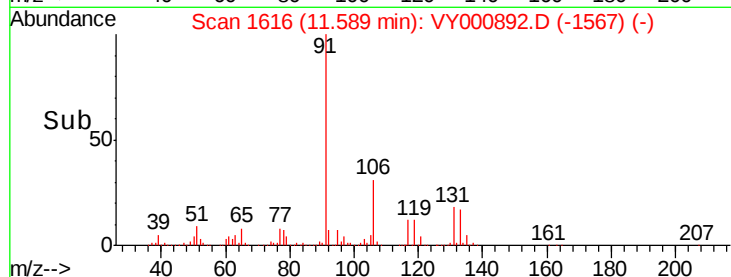
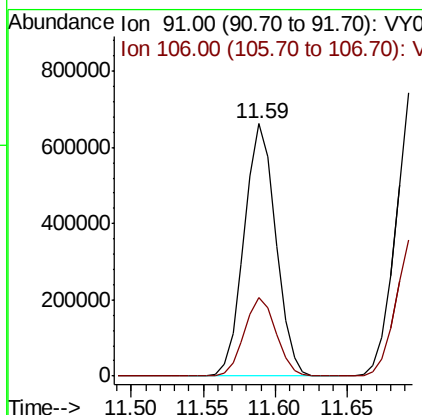
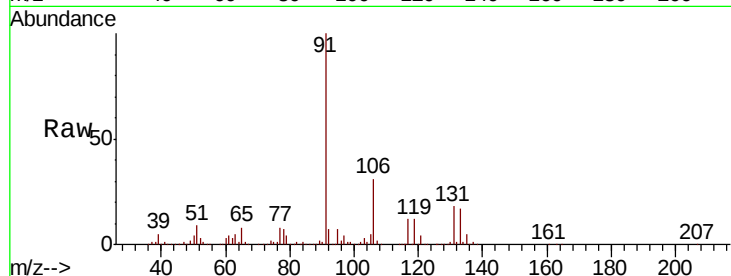




#67
Ethyl Benzene
Concen: 49.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

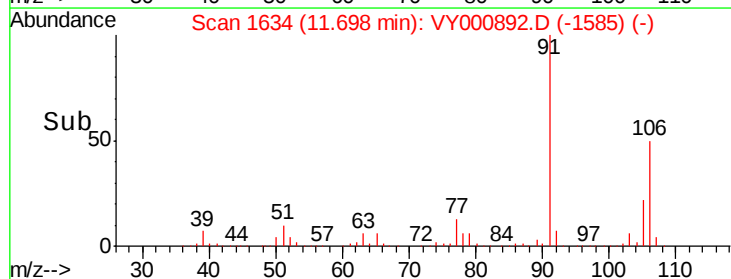
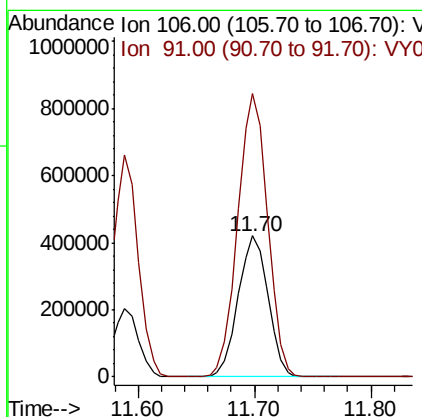
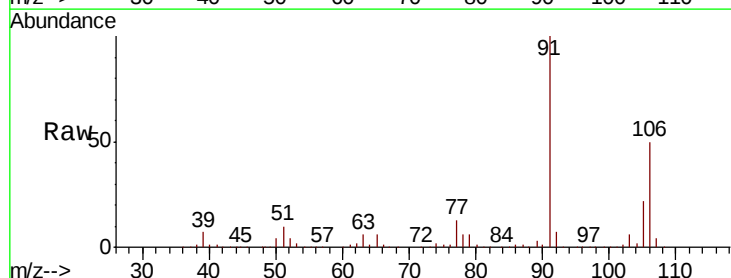
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

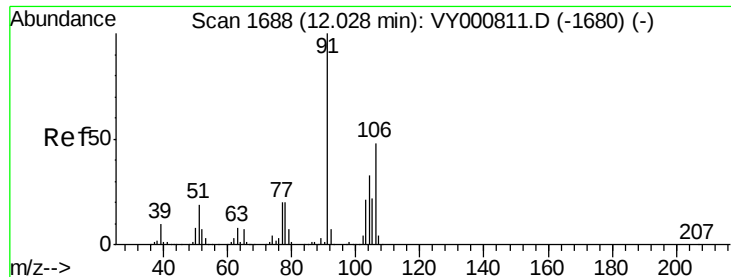
Tot Ion: 91 Resp: 1006413
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 99.058 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 106 Resp: 755421
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4

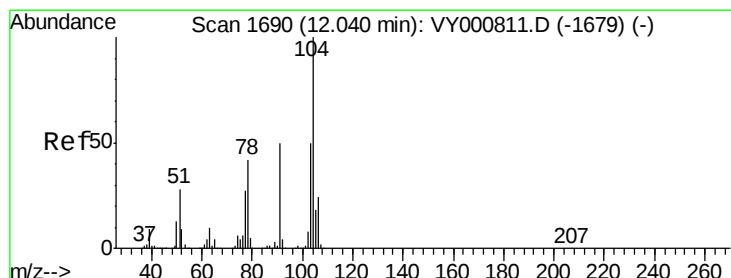
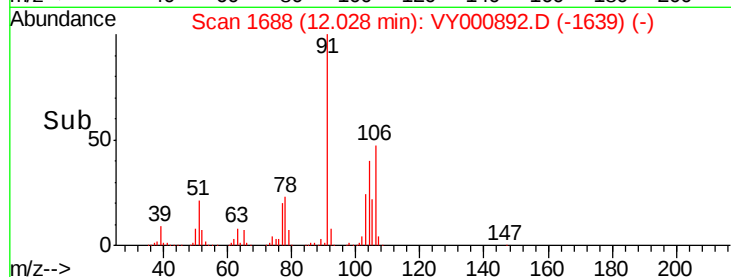
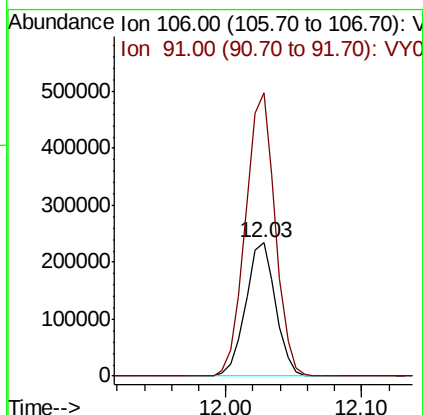
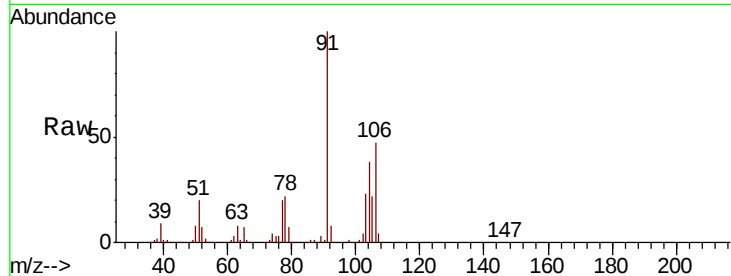




#69
o-Xylene
Concen: 50.526 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

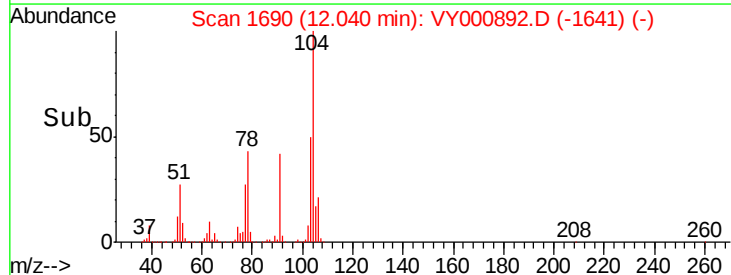
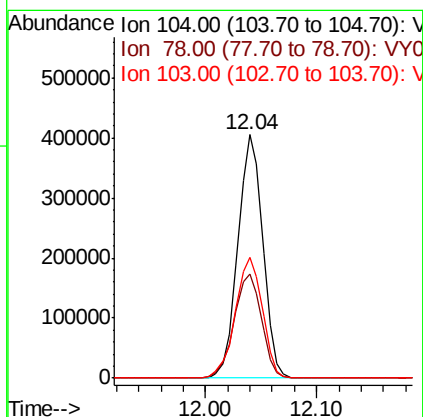
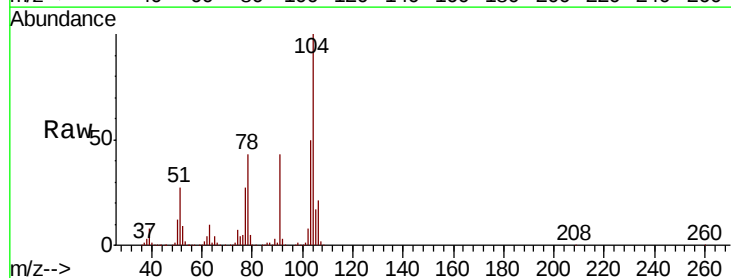
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

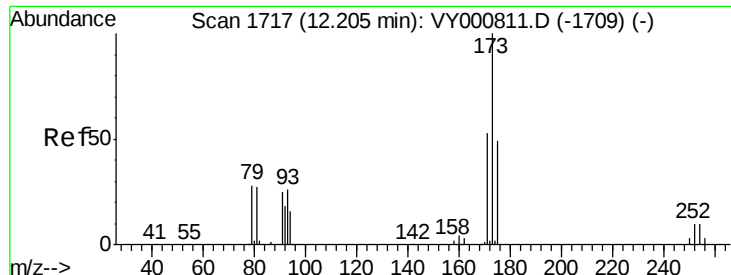
Tot Ion:106 Resp: 359265
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.1



#70
Styrene
Concen: 51.373 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion:104 Resp: 625481
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.4
103 53.9 43.4 65.0





#71

Bromoform

Concen: 53.746 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

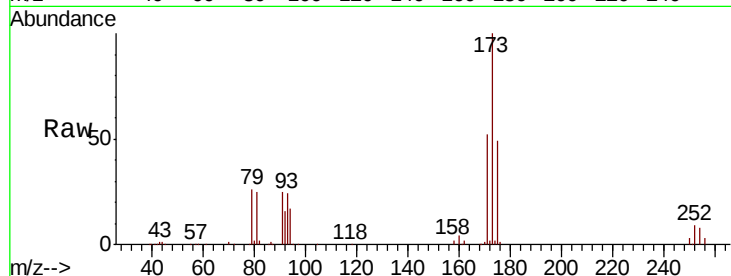
Tot Ion:173 Resp: 111444

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

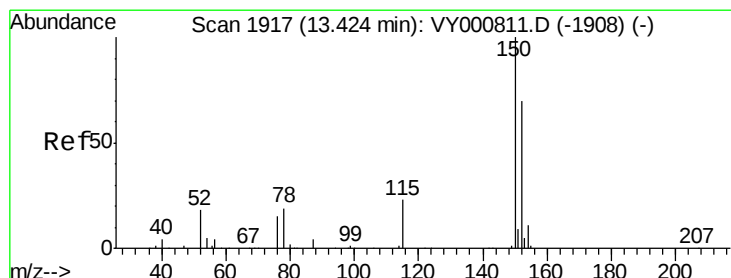
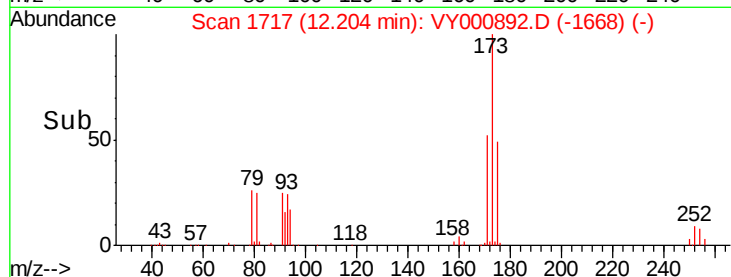
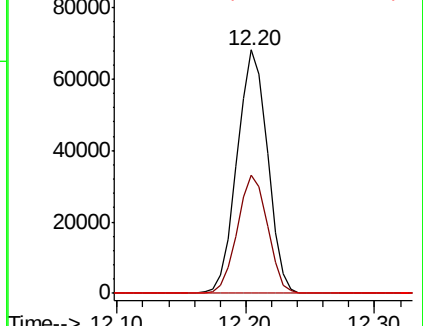
254 0.0 0.0 0.0



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: VY000892.D

Acq: 05 Dec 2019 19:15

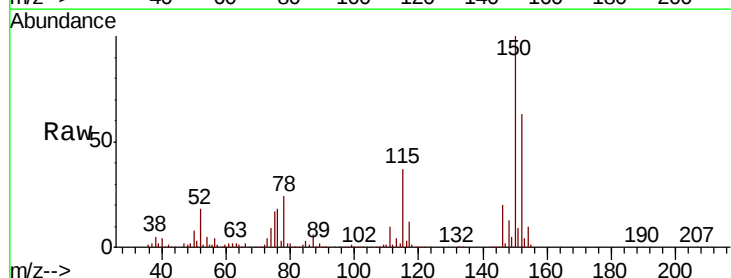
Tgt Ion:152 Resp: 242687

Ion Ratio Lower Upper

152 100

115 59.4 29.3 87.8

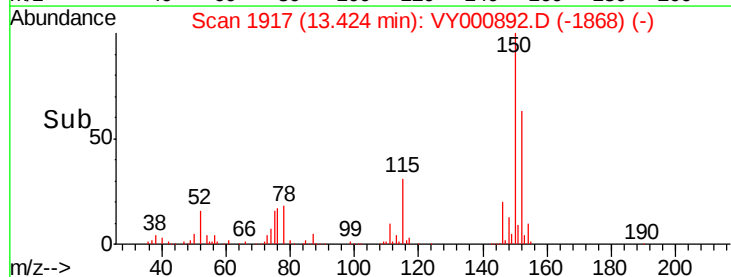
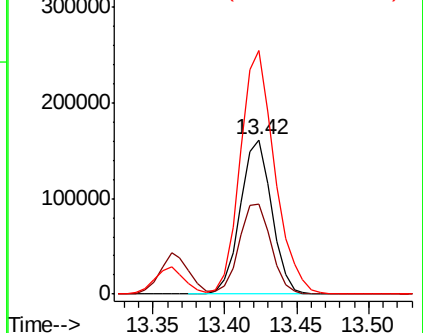
150 173.4 0.0 351.2

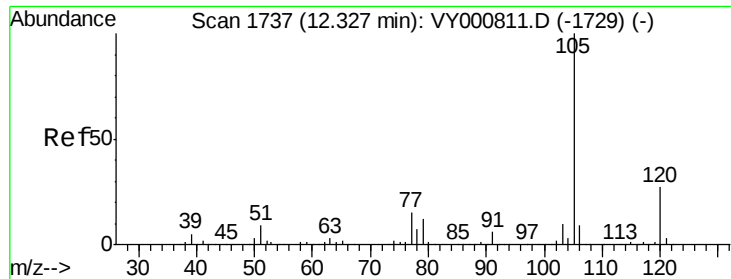


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.292 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

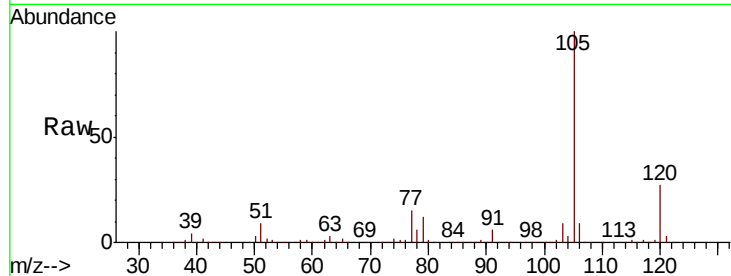
VSTDCCC050EC

Tot Ion:105 Resp: 952488

Ion Ratio Lower Upper

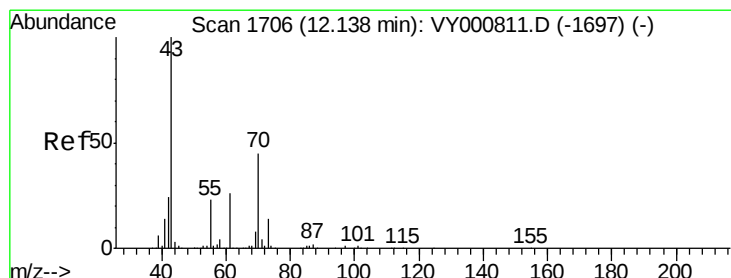
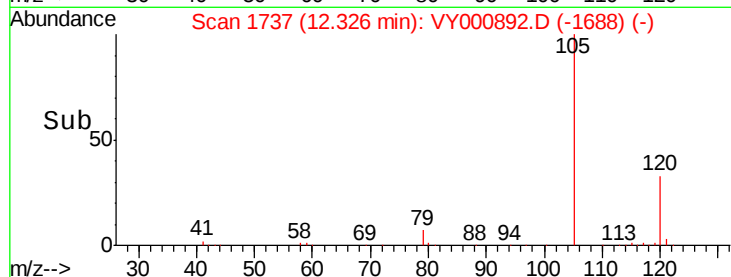
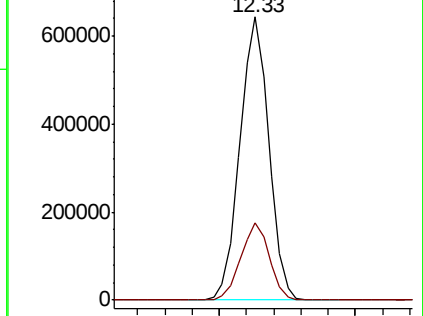
105 100

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: 50.977 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion: 43 Resp: 274174

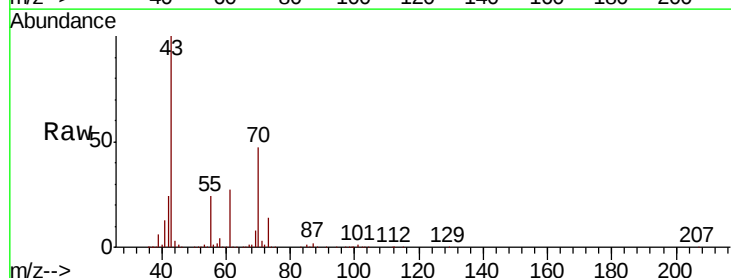
Ion Ratio Lower Upper

43 100

70 47.0 36.6 54.8

55 23.8 18.8 28.2

61 27.3 21.0 31.6

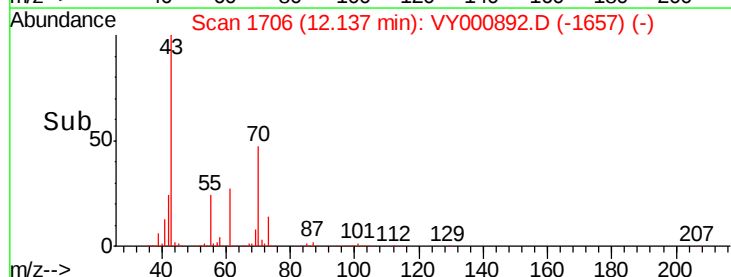
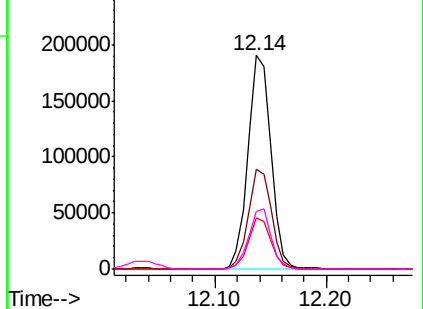


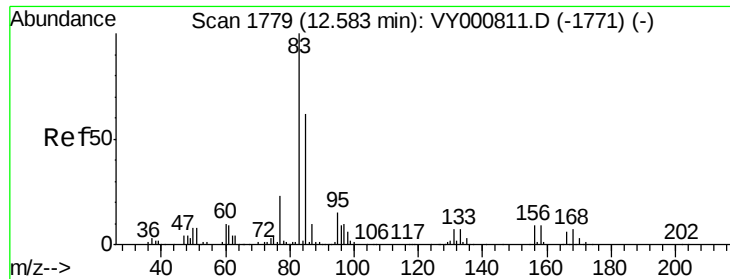
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 51.094 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

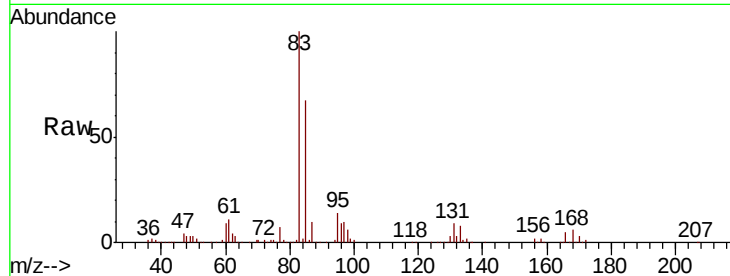
Tot Ion: 83 Resp: 194535

Ion Ratio Lower Upper

83 100

131 9.6 4.3 13.1

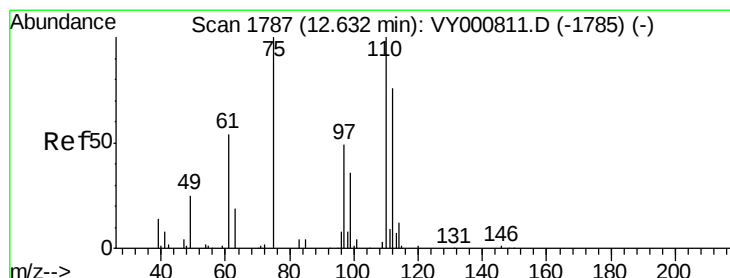
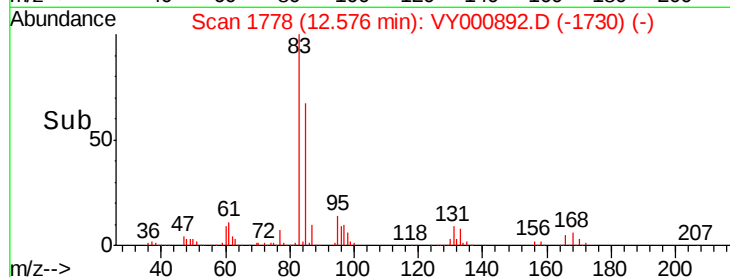
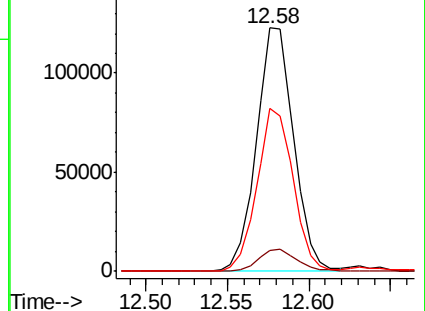
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY000811.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000811.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000811.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 98.375 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000892.D

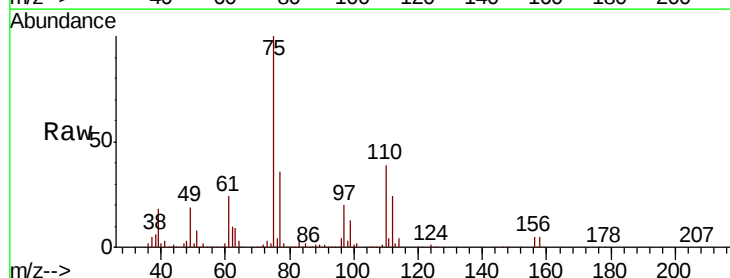
Acq: 05 Dec 2019 19:15

Tgt Ion: 75 Resp: 270495

Ion Ratio Lower Upper

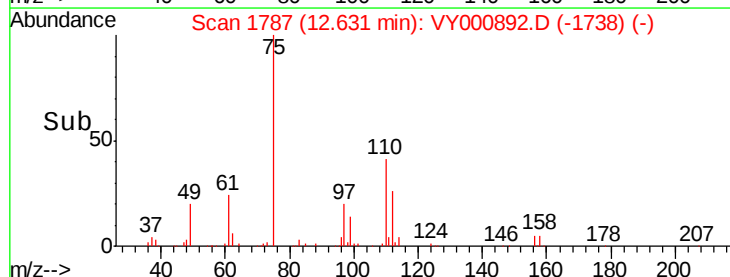
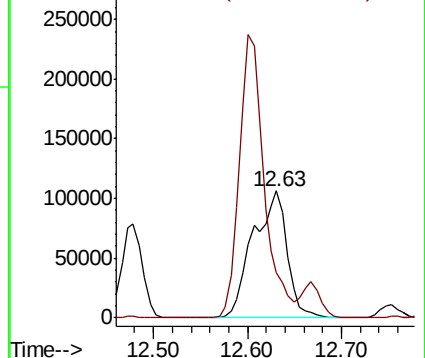
75 100

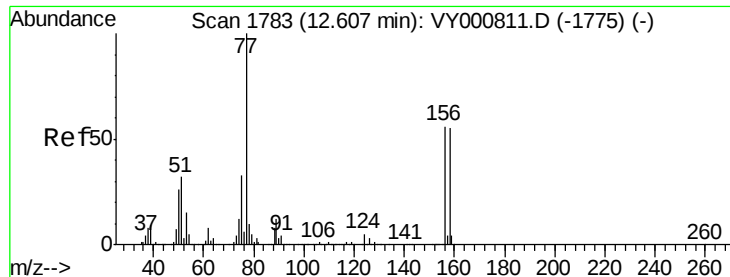
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000811.D (-1785) (-)





#77

Bromobenzene

Concen: 51.182 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

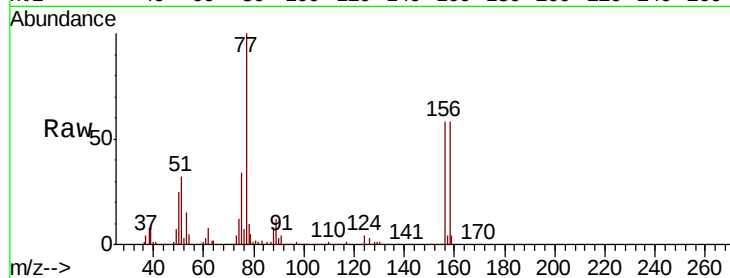
Tot Ion:156 Resp: 214379

Ion Ratio Lower Upper

156 100

77 203.5 102.6 307.7

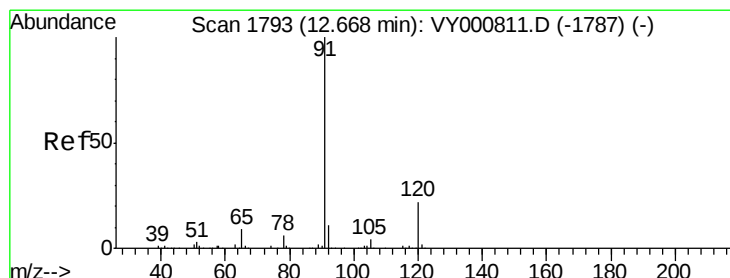
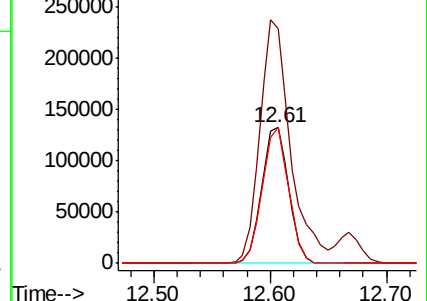
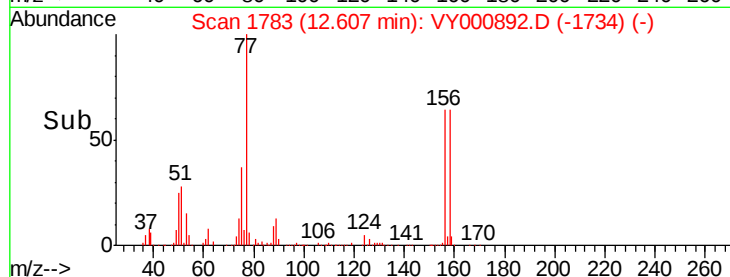
158 97.3 47.6 142.8



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: 49.550 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000892.D

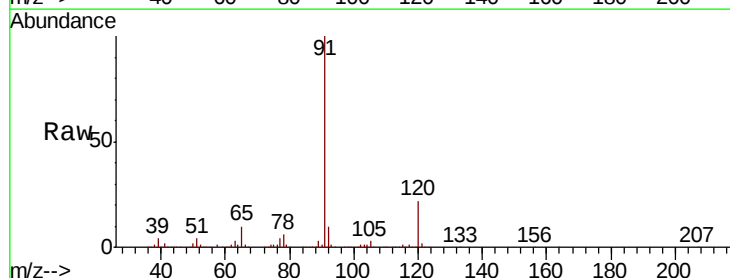
Acq: 05 Dec 2019 19:15

Tgt Ion: 91 Resp: 1169074

Ion Ratio Lower Upper

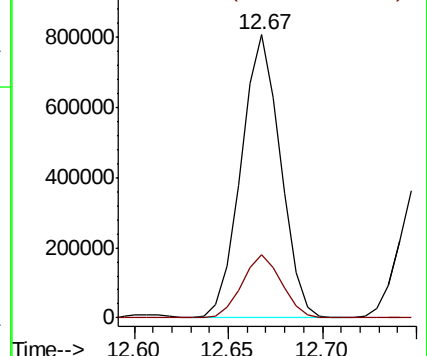
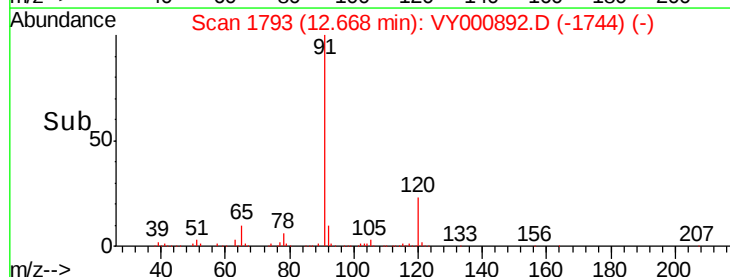
91 100

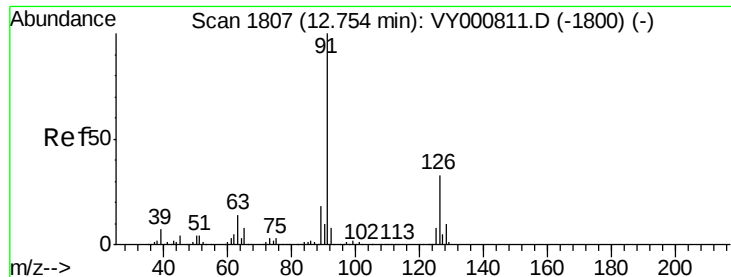
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.245 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

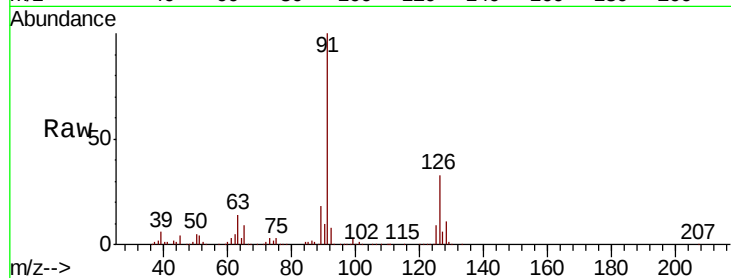
VSTDCCC050EC

Tot Ion: 91 Resp: 641891

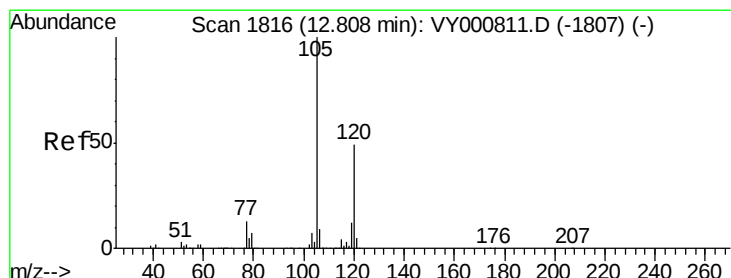
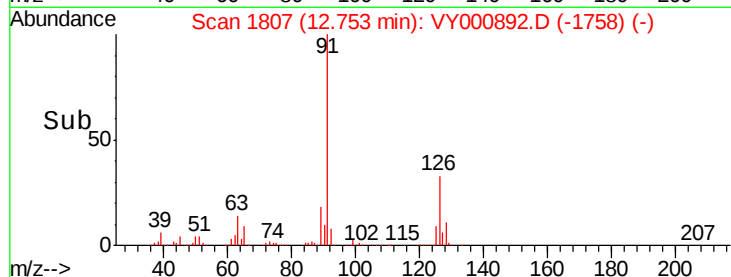
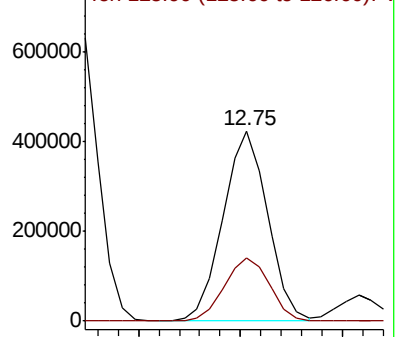
Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.961 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000892.D

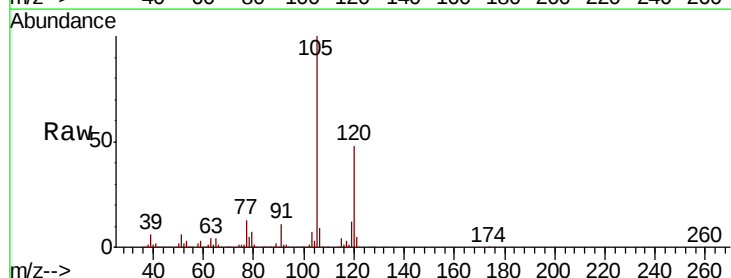
Acq: 05 Dec 2019 19:15

Tgt Ion: 105 Resp: 799340

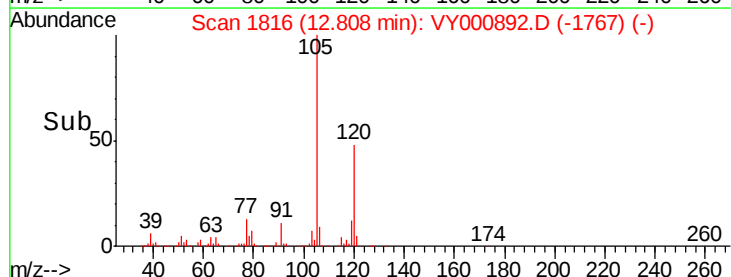
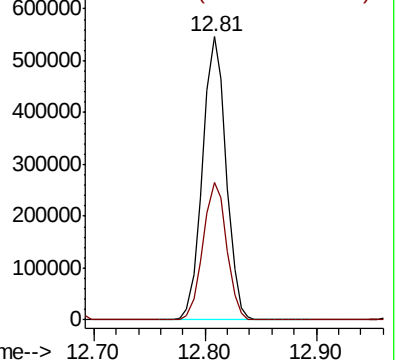
Ion Ratio Lower Upper

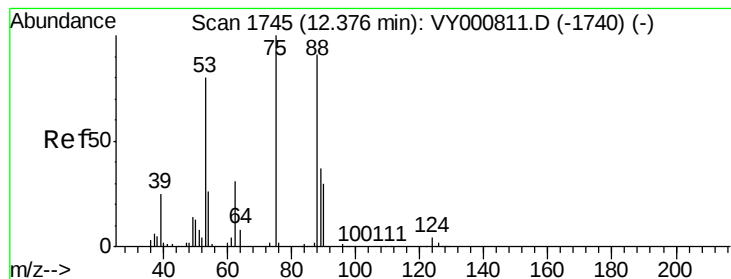
105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.527 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

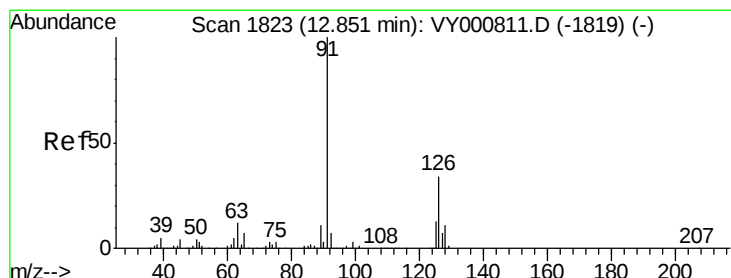
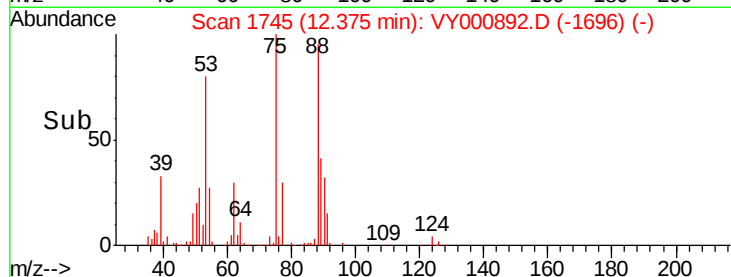
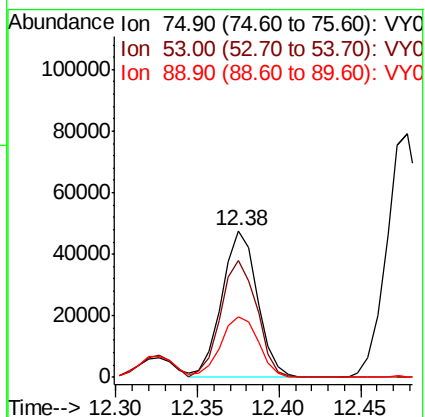
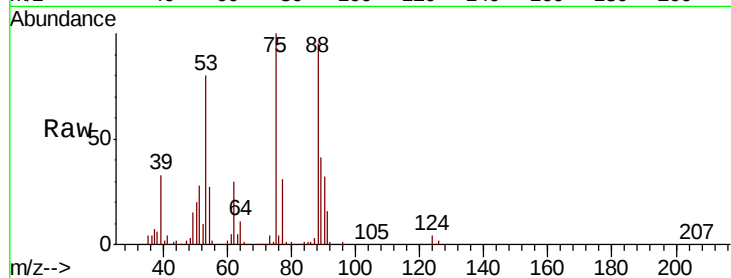
Tot Ion: 75 Resp: 72128

Ion Ratio Lower Upper

75 100

53 81.2 64.6 96.8

89 43.9 33.6 50.4



#82

4-Chlorotoluene

Concen: 50.379 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000892.D

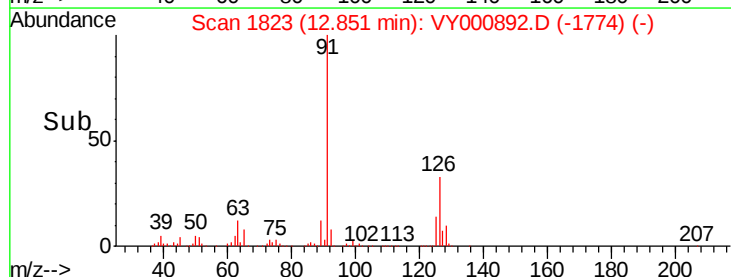
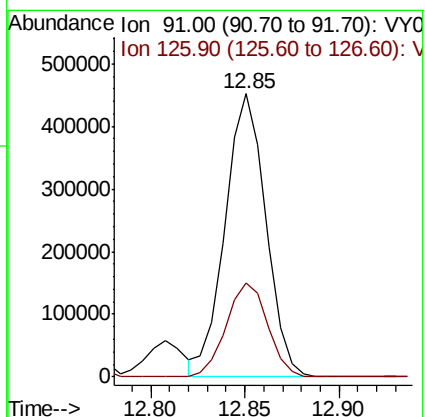
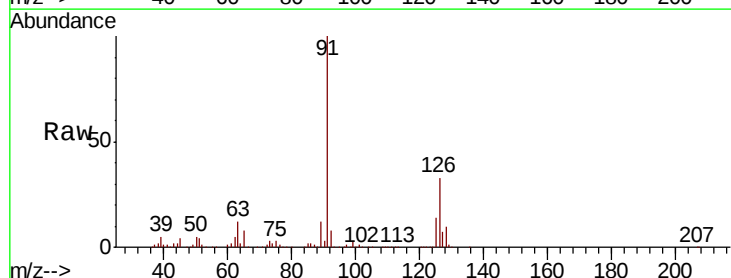
Acq: 05 Dec 2019 19:15

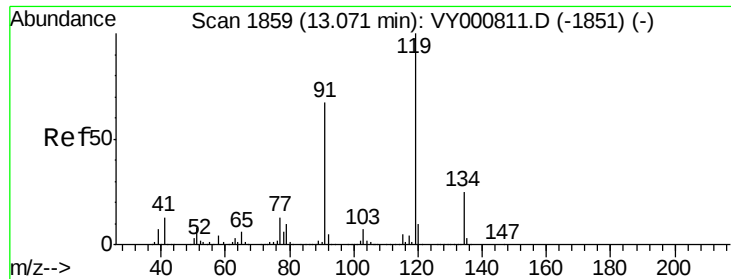
Tgt Ion: 91 Resp: 676538

Ion Ratio Lower Upper

91 100

126 33.8 17.3 51.9

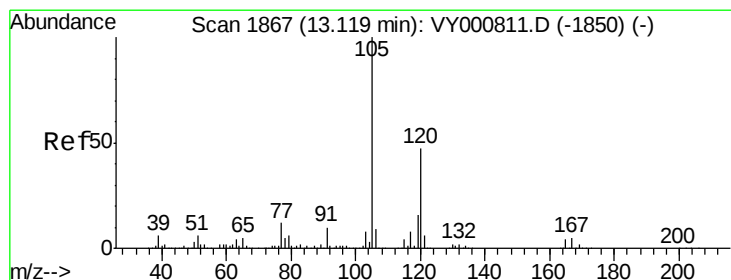
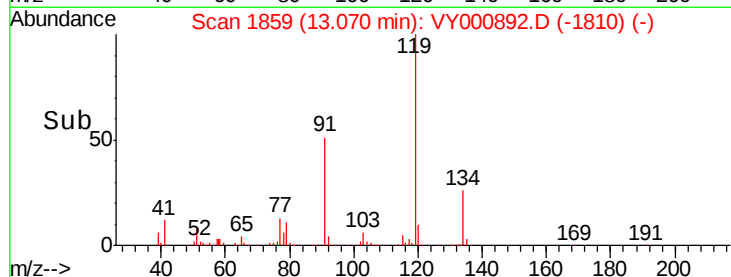
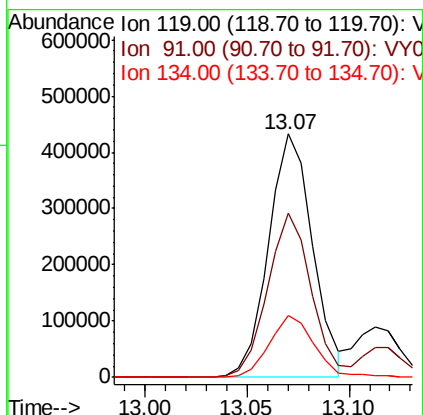
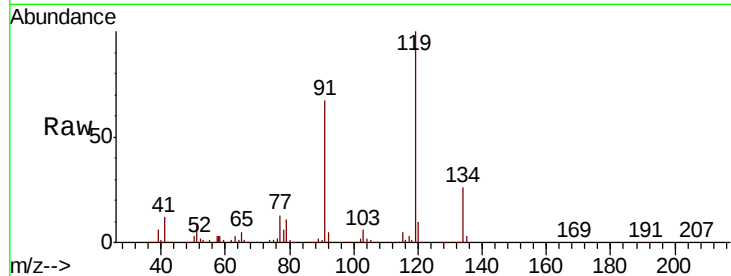




#83
 tert-Butylbenzene
 Concen: 48.424 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

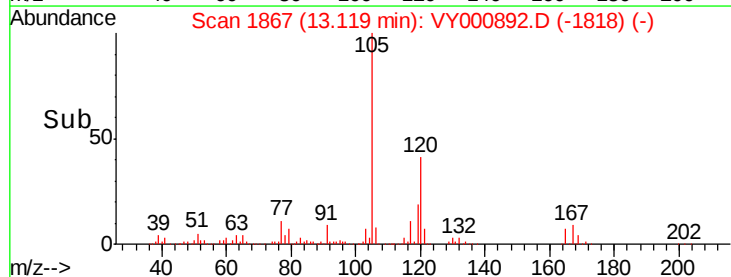
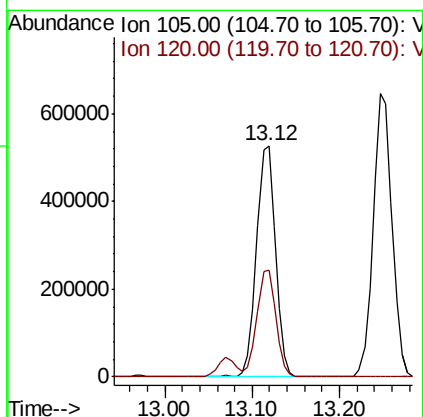
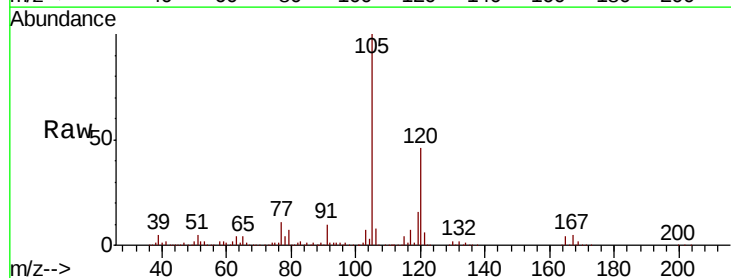
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

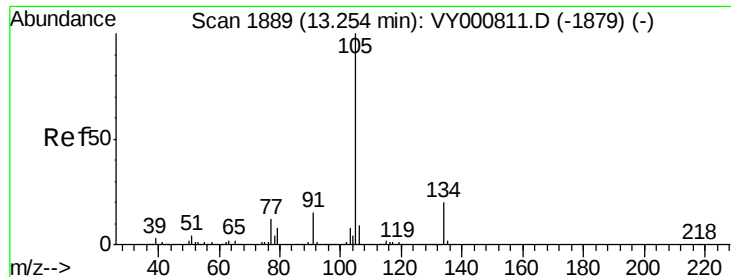
Tot Ion:119 Resp: 651359
 Ion Ratio Lower Upper
 119 100
 91 67.1 32.3 96.8
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.647 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion:105 Resp: 794689
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 49.405 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

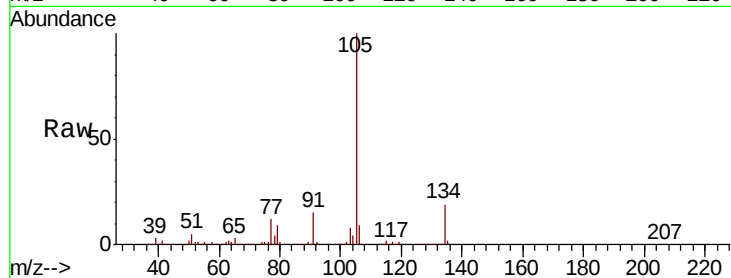
VSTDCCC050EC

Tot Ion:105 Resp: 966497

Ion Ratio Lower Upper

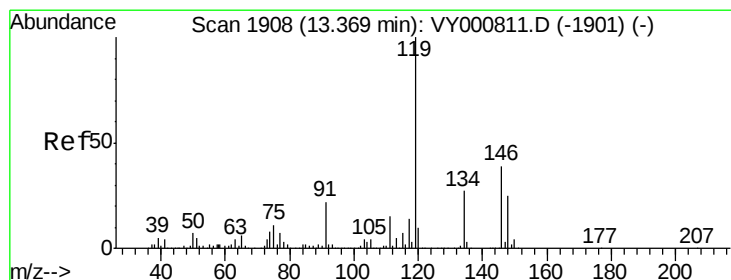
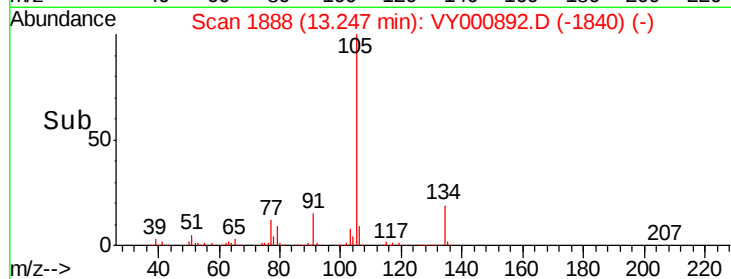
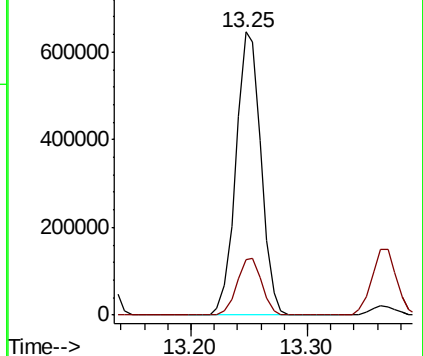
105 100

134 19.8 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: 49.167 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

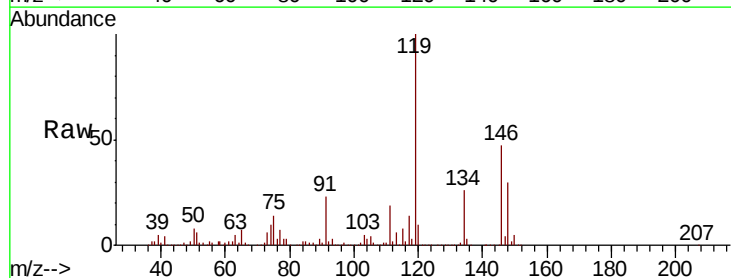
Tgt Ion:119 Resp: 836590

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

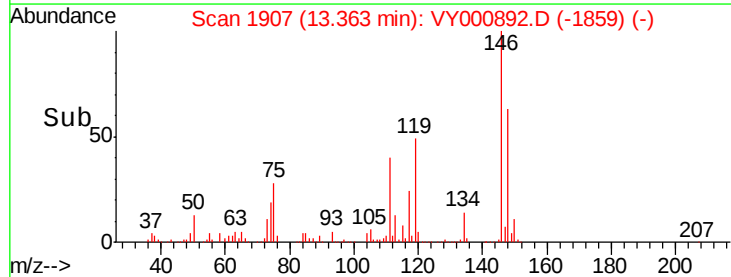
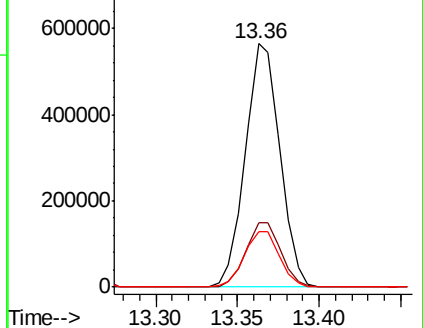
91 23.1 11.5 34.5

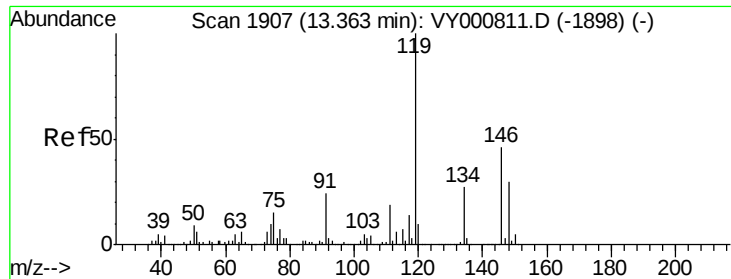


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

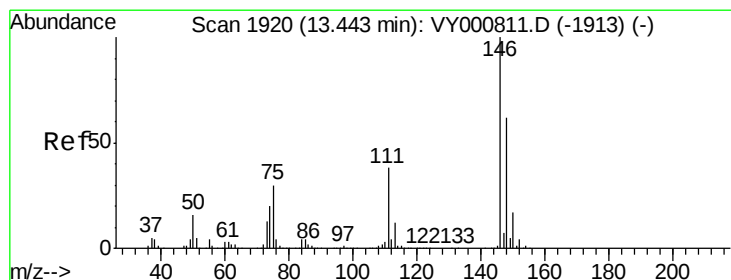
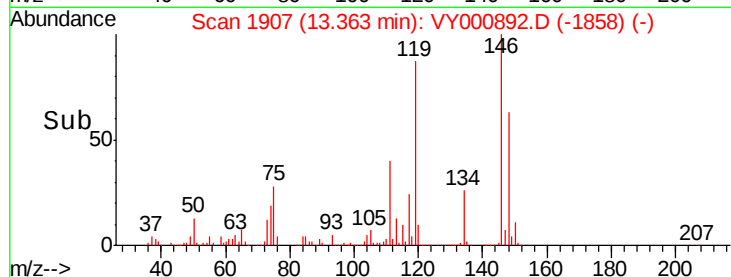
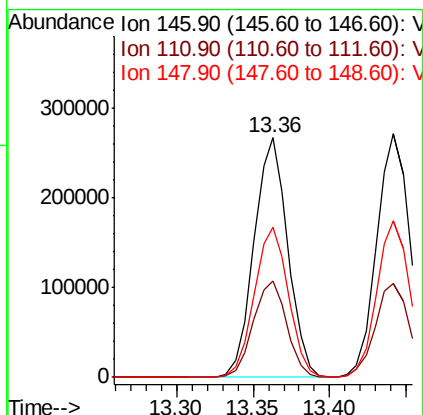
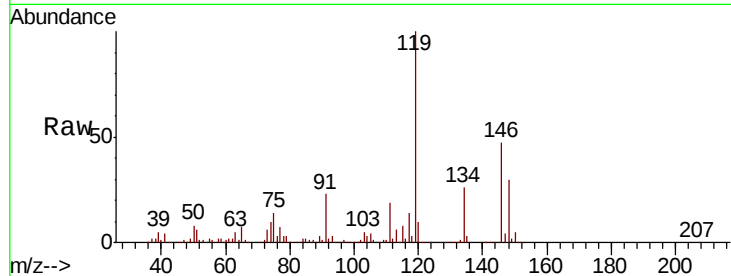




#87
 1,3-Dichlorobenzene
 Concen: 49.867 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

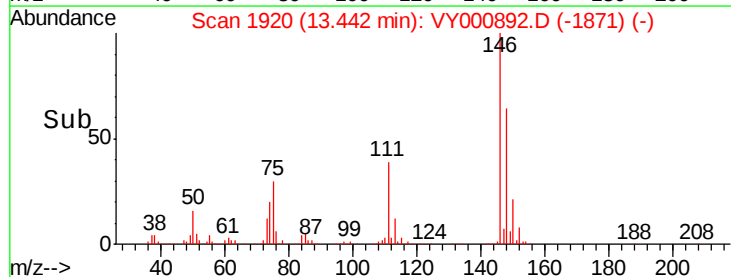
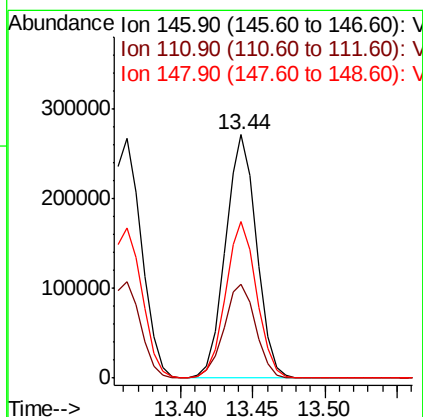
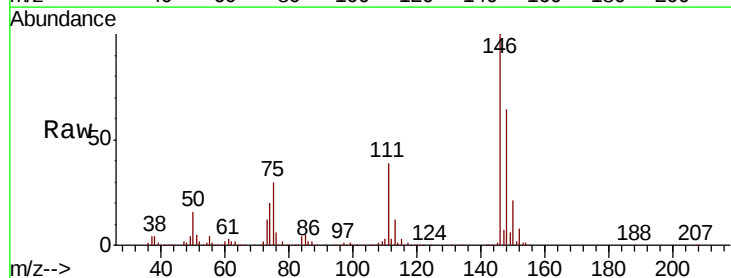
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

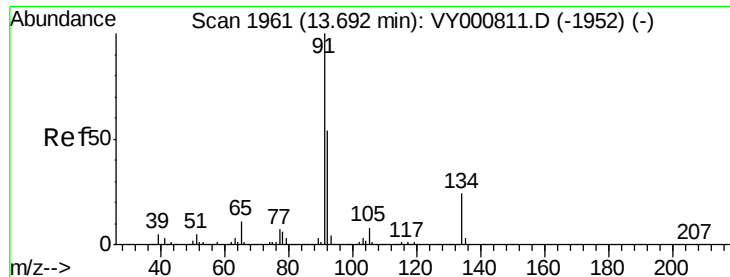
Tot Ion:146 Resp: 409746
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion:146 Resp: 409088
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.5 31.7 95.1

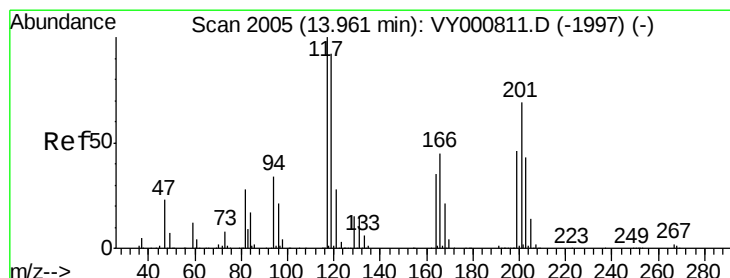
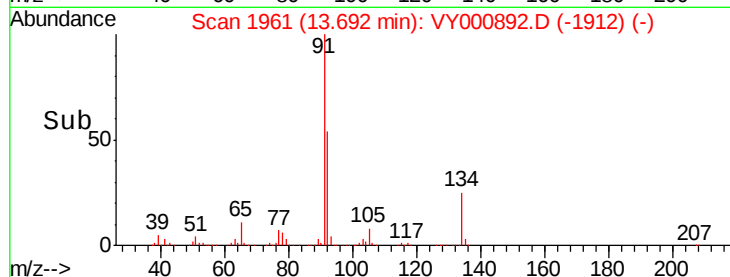
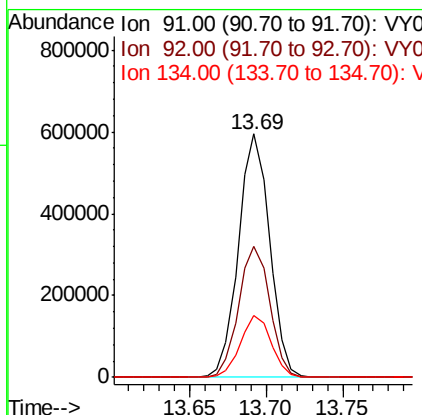
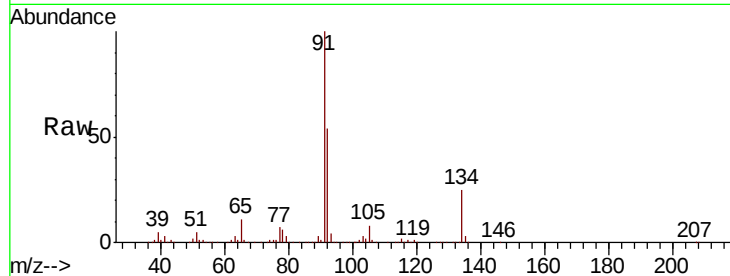




#89
n-Butylbenzene
Concen: 48.898 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

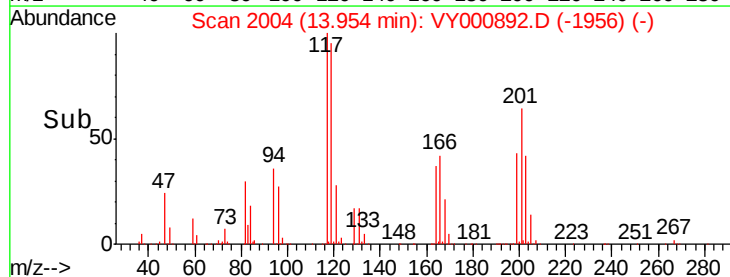
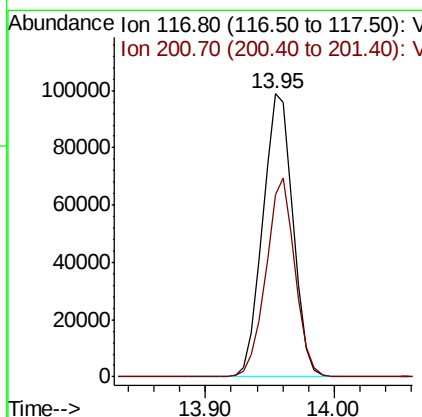
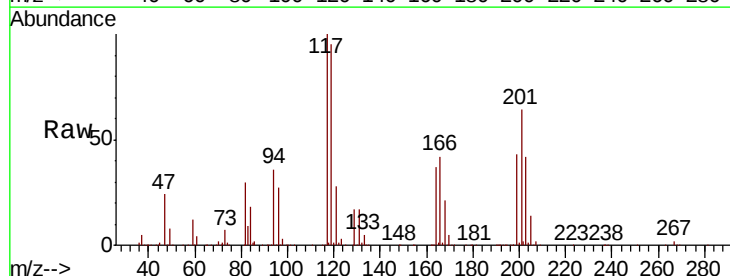
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

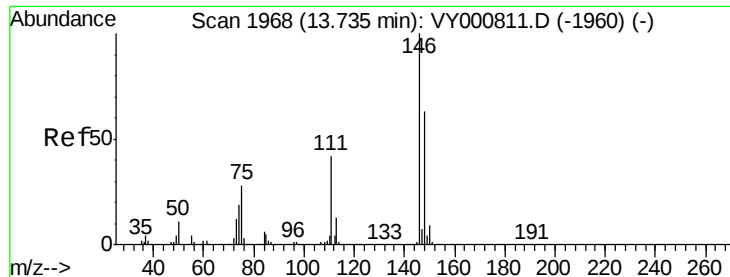
Tot Ion: 91 Resp: 841215
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 51.162 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 117 Resp: 160365
Ion Ratio Lower Upper
117 100
201 67.5 34.0 102.0

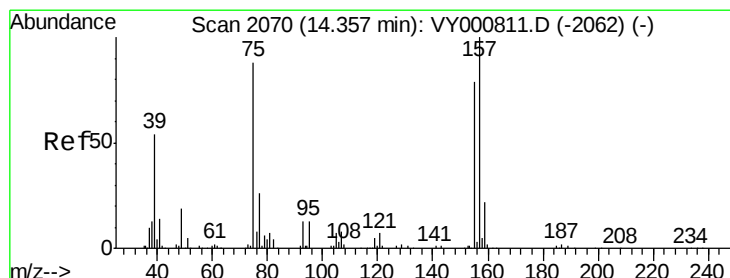
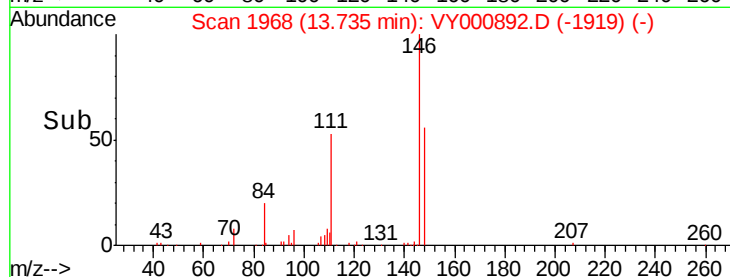
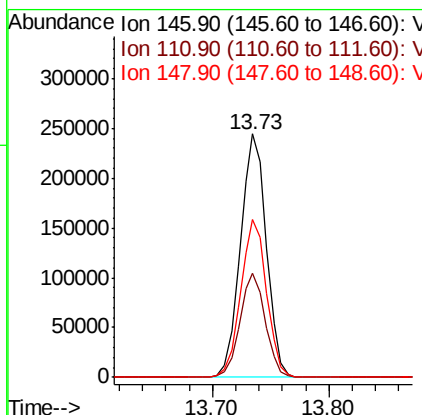
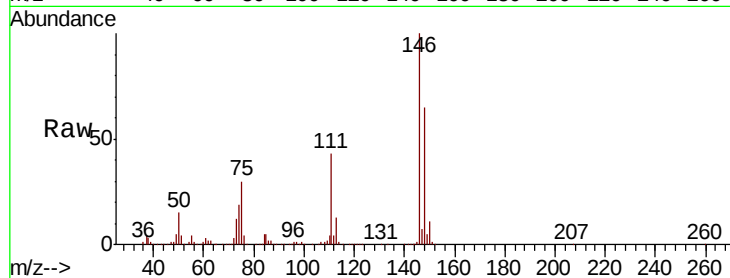




#91
 1,2-Dichlorobenzene
 Concen: 51.157 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

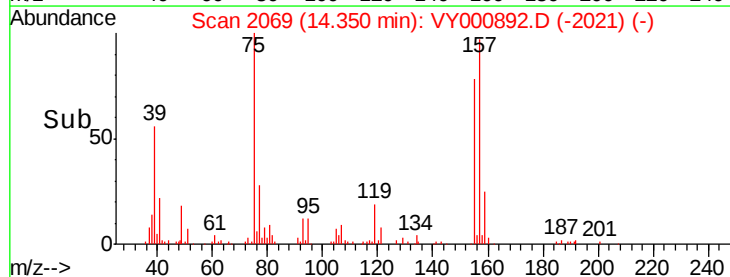
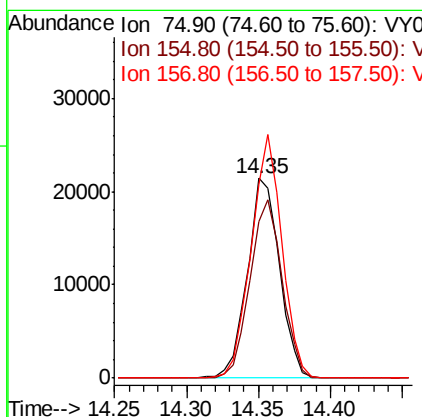
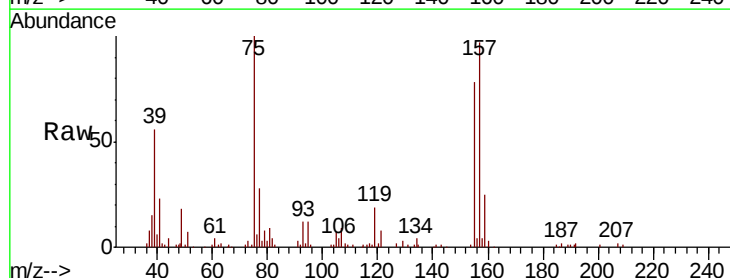
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

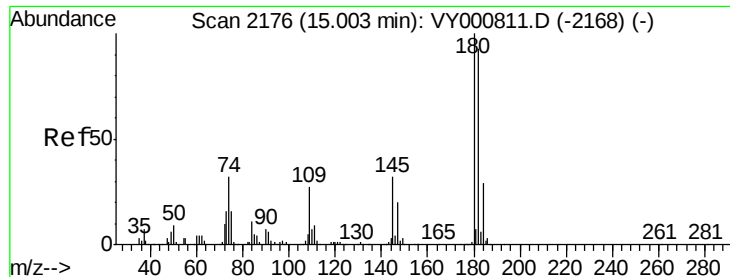
Tot Ion:146 Resp: 378100
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.793 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 75 Resp: 33014
 Ion Ratio Lower Upper
 75 100
 155 88.7 44.3 132.9
 157 115.9 56.3 168.9

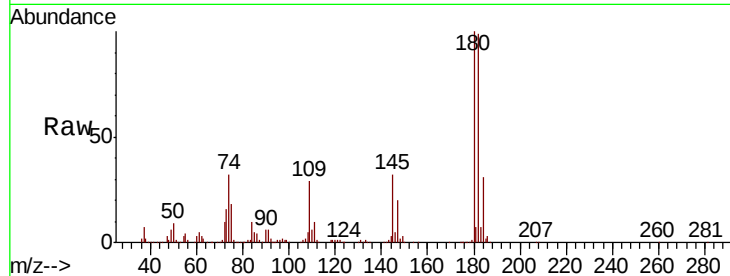




#93
 1,2,4-Trichlorobenzene
 Concen: 50.805 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	30.9	16.0	47.9

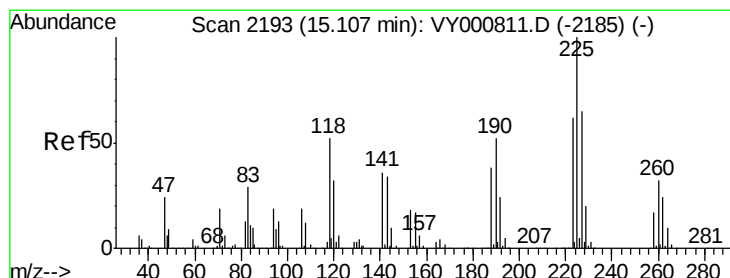
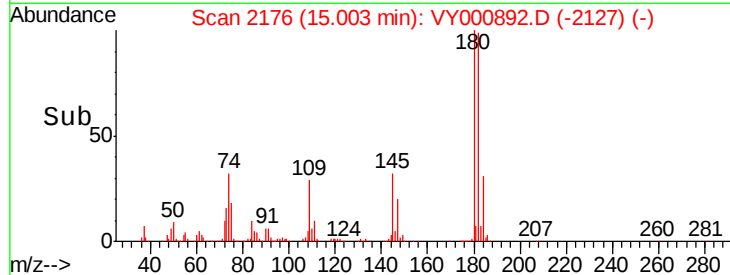
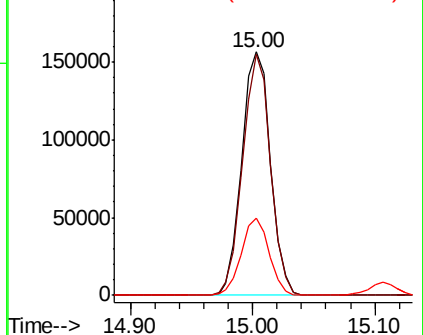


Abundance

Ion 179.80 (179.50 to 180.50): V

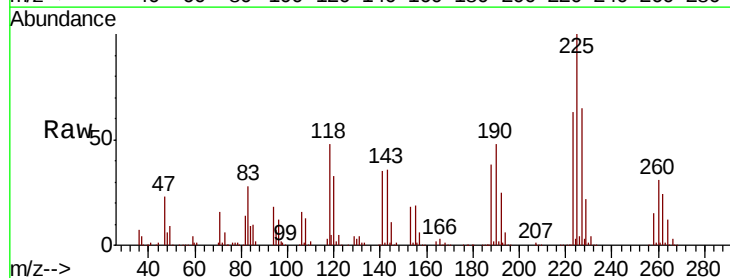
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.699 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.3
227	63.4	31.8	95.3

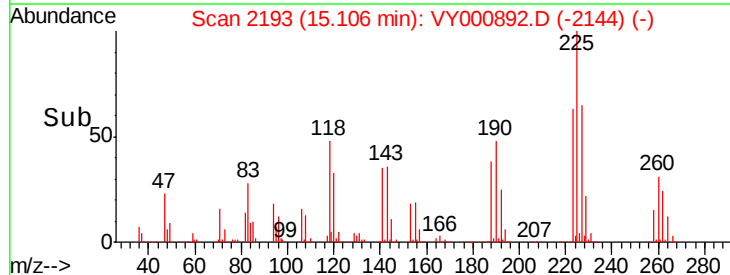
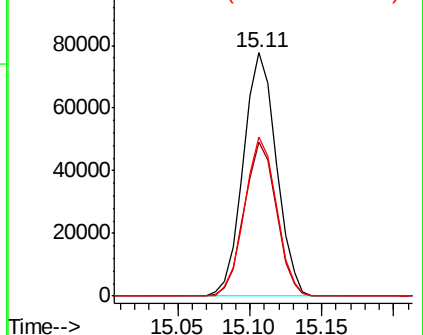


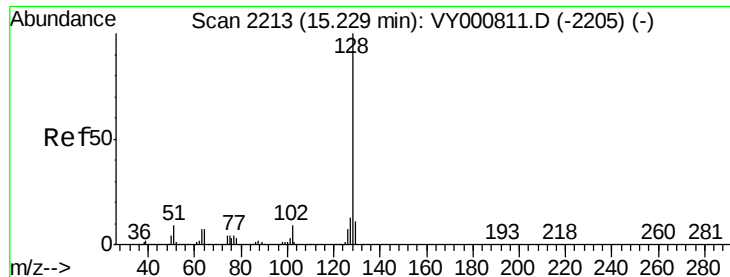
Abundance

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

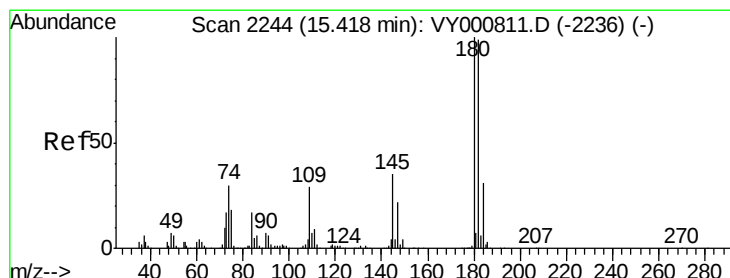
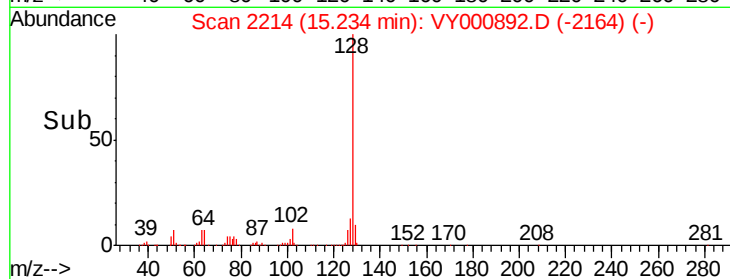
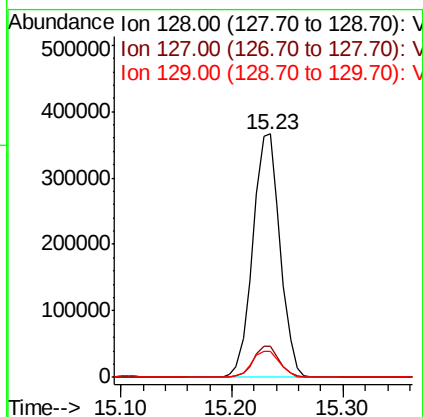
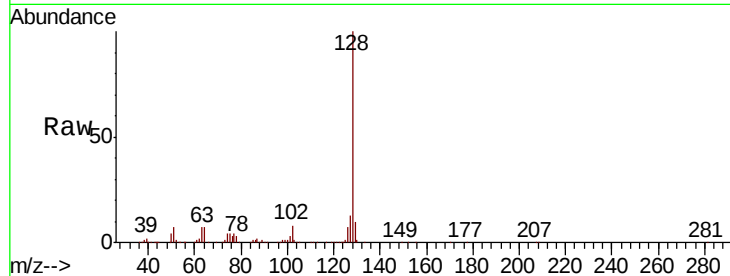




#95
Naphthalene
Concen: 53.678 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 623353
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.198 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion:180 Resp: 228714
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 33.4 16.9 50.6

