

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : VY000809.D
 Acq On : 27 Nov 2019 10:55
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 27 12:03:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	547312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	489629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	34511	10.66	ug/l	0.00
Spiked Amount			Recovery	=	21.32%	
35) Dibromofluoromethane	7.73	113	32872	10.34	ug/l	0.00
Spiked Amount			Recovery	=	20.68%	
50) Toluene-d8	10.18	98	116080	9.58	ug/l	0.00
Spiked Amount			Recovery	=	19.16%	
62) 4-Bromofluorobenzene	12.48	95	49021	10.66	ug/l	0.00
Spiked Amount			Recovery	=	21.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	36663	11.660	ug/l	98
3) Chloromethane	2.12	50	44057	10.294	ug/l	99
4) Vinyl Chloride	2.25	62	46172	11.506	ug/l	97
5) Bromomethane	2.65	94	28180	11.590	ug/l	99
6) Chloroethane	2.79	64	27009	10.695	ug/l	100
7) Trichlorofluoromethane	3.13	101	59189	10.852	ug/l	89
8) Diethyl Ether	3.54	74	21607	11.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	36356	10.953	ug/l	100
10) Methyl Iodide	4.10	142	41296	10.506	ug/l	99
11) Tert butyl alcohol	4.97	59	17992	54.278	ug/l	96
12) 1,1-Dichloroethene	3.88	96	34451	10.772	ug/l	98
13) Acrolein	3.74	56	18216	63.549	ug/l	96
14) Allyl chloride	4.48	41	57333	10.773	ug/l	97
15) Acrylonitrile	5.18	53	58294	57.493	ug/l	96
16) Acetone	3.96	43	42313	48.644	ug/l	98
17) Carbon Disulfide	4.20	76	114161	11.153	ug/l	100
18) Methyl Acetate	4.49	43	29327	10.045	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	93470	10.381	ug/l	94
20) Methylene Chloride	4.72	84	44548	11.261	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	38851	10.645	ug/l	90
22) Diisopropyl ether	6.13	45	127035	11.076	ug/l	98
23) Vinyl Acetate	6.07	43	402972	55.646	ug/l	99
24) 1,1-Dichloroethane	6.03	63	68190	10.941	ug/l	95
25) 2-Butanone	7.00	43	74099	50.667	ug/l	100
26) 2,2-Dichloropropane	7.00	77	58119	10.365	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	43386	10.858	ug/l	98
28) Bromochloromethane	7.35	49	16960	7.071	ug/l	92
29) Tetrahydrofuran	7.35	42	49597	54.574	ug/l	97
30) Chloroform	7.52	83	70487	11.294	ug/l	97
31) Cyclohexane	7.79	56	74354	11.406	ug/l	# 88
32) 1,1,1-Trichloroethane	7.71	97	57187	10.391	ug/l	99
36) 1,1-Dichloropropene	7.92	75	55169	10.509	ug/l	100
37) Ethyl Acetate	7.08	43	34122	10.851	ug/l	98
38) Carbon Tetrachloride	7.91	117	49478	9.937	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74566	10.995	ug/l	99
40) Benzene	8.17	78	162313	10.538	ug/l	99
41) Methacrylonitrile	7.36	41	43735	25.245	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	42712	9.904	ug/l	99
43) Isopropyl Acetate	8.28	43	61042	10.343	ug/l	99
44) Trichloroethene	8.95	130	40968	10.124	ug/l	94
45) 1,2-Dichloropropane	9.22	63	40341	10.569	ug/l #	85
46) Dibromomethane	9.31	93	21433	10.291	ug/l	99
47) Bromodichloromethane	9.50	83	49313	10.040	ug/l	99
48) Methyl methacrylate	9.30	41	27379	10.525	ug/l	98
49) 1,4-Dioxane	9.30	88	5968	209.156	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	161226	51.705	ug/l	97
52) Toluene	10.25	92	99267	10.216	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	52770	10.027	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	61026	10.083	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	31423	10.410	ug/l	98
56) Ethyl methacrylate	10.51	69	42326	9.837	ug/l	92
57) 1,3-Dichloropropane	10.79	76	54485	10.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	91602	49.085	ug/l	99
59) 2-Hexanone	10.83	43	113150	49.559	ug/l	97
60) Dibromochloromethane	10.99	129	32778	9.579	ug/l	96
61) 1,2-Dibromoethane	11.09	107	28474	9.837	ug/l	96
64) Tetrachloroethene	10.72	164	45544	11.123	ug/l	89
65) Chlorobenzene	11.52	112	102992	10.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	34818	10.074	ug/l	96
67) Ethyl Benzene	11.59	91	189862	10.297	ug/l	96
68) m/p-Xylenes	11.70	106	145025	20.465	ug/l	100
69) o-Xylene	12.03	106	66611	9.953	ug/l	97
70) Styrene	12.04	104	114114	9.979	ug/l	97
71) Bromoform	12.20	173	18271	9.181	ug/l #	98
73) Isopropylbenzene	12.33	105	180948	10.744	ug/l	100
74) N-amyl acetate	12.14	43	50390	10.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	35079	10.397	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	48380	19.260	ug/l #	100
77) Bromobenzene	12.61	156	38867	10.206	ug/l	98
78) n-propylbenzene	12.67	91	219586	10.790	ug/l	99
79) 2-Chlorotoluene	12.75	91	119866	10.613	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	150258	10.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	11812	9.949	ug/l	89
82) 4-Chlorotoluene	12.85	91	124628	10.690	ug/l	100
83) tert-Butylbenzene	13.07	119	127841	10.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	149376	10.743	ug/l	98
85) sec-Butylbenzene	13.25	105	184731	10.885	ug/l	98
86) p-Isopropyltoluene	13.36	119	164884	10.917	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	79282	10.701	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	77290	10.431	ug/l	97
89) n-Butylbenzene	13.69	91	162668	10.881	ug/l	99
90) Hexachloroethane	13.95	117	28220	10.071	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	69017	10.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6206	10.495	ug/l	92

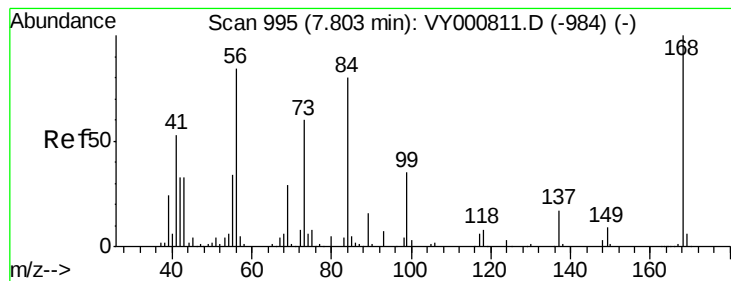
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	46966	10.208	ug/l	98
94) Hexachlorobutadiene	15.11	225	24952	10.714	ug/l	99
95) Naphthalene	15.23	128	107469	10.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	41779	10.200	ug/l	96

(#) = 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: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

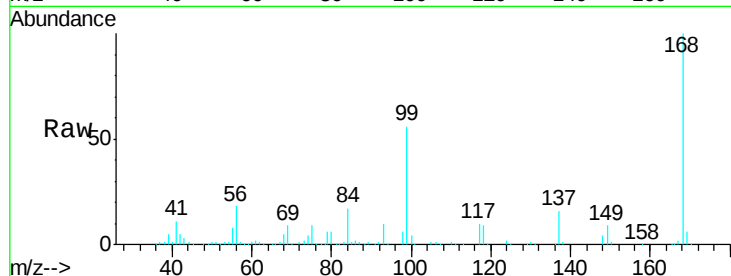
VSTDIC010

Tgt Ion:168 Resp: 316544

Ion Ratio Lower Upper

168 100

99 56.1 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

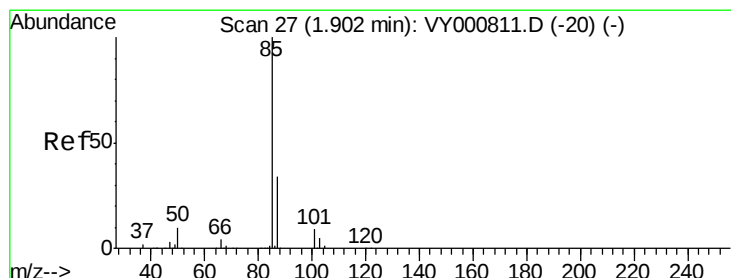
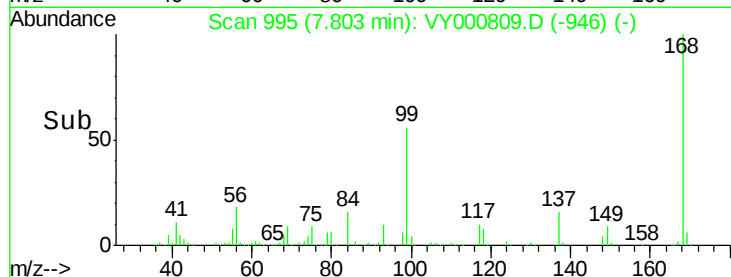
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 11.660 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000809.D

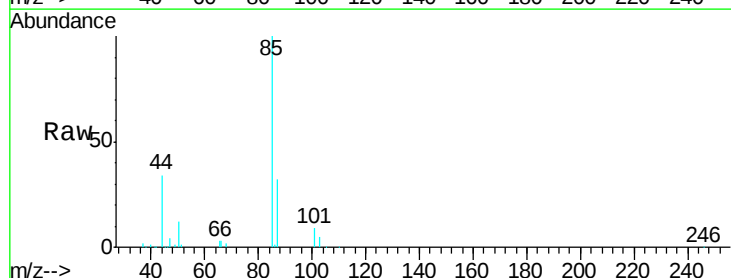
Acq: 27 Nov 2019 10:55

Tgt Ion: 85 Resp: 36663

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

25000

20000

15000

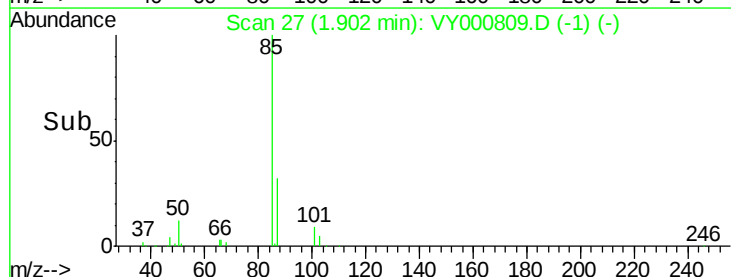
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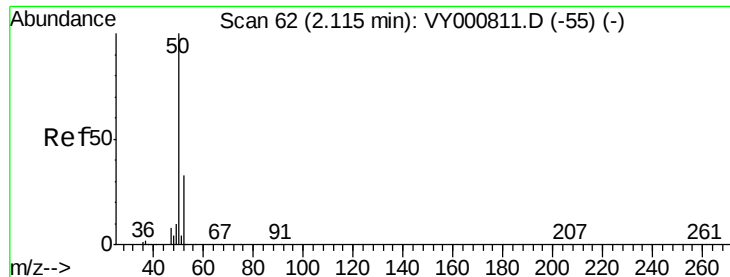
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 10.294 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

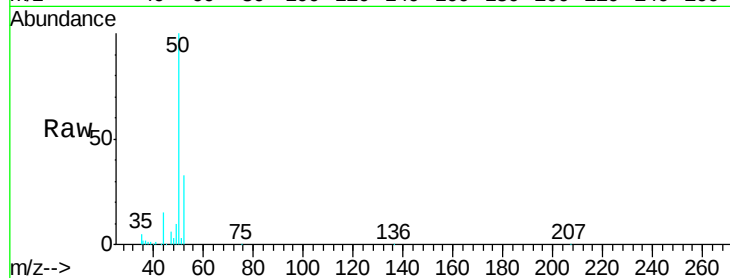
VSTDIC010

Tgt Ion: 50 Resp: 44057

Ion Ratio Lower Upper

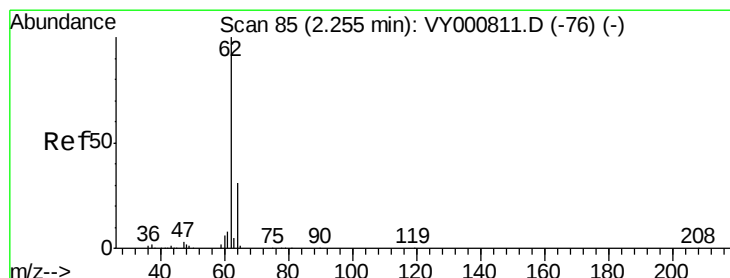
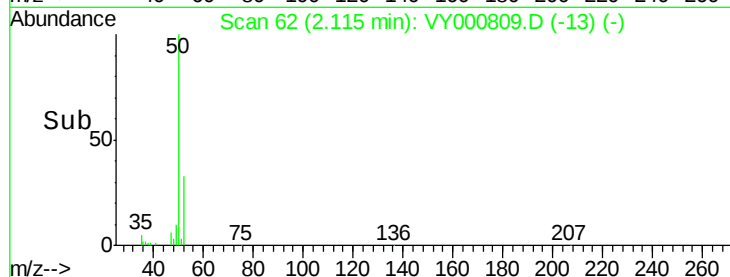
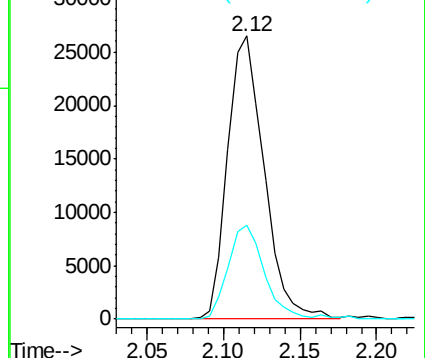
50 100

52 33.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 11.506 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000809.D

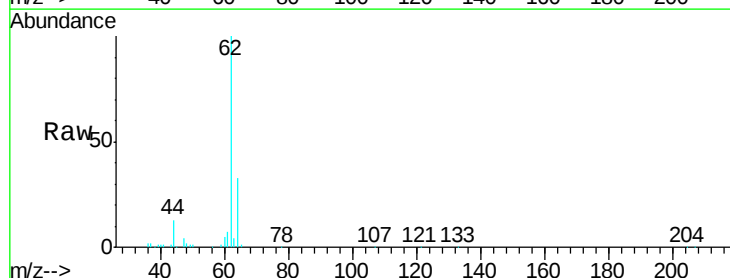
Acq: 27 Nov 2019 10:55

Tgt Ion: 62 Resp: 46172

Ion Ratio Lower Upper

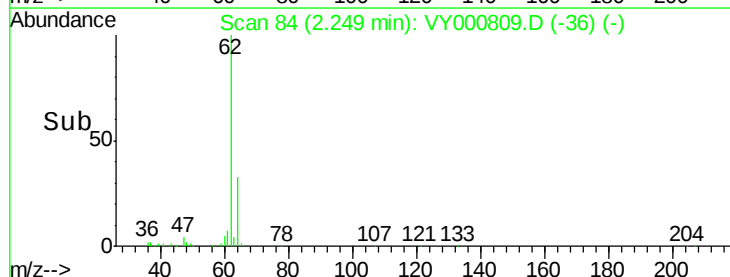
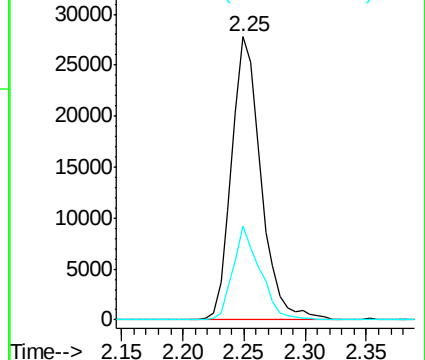
62 100

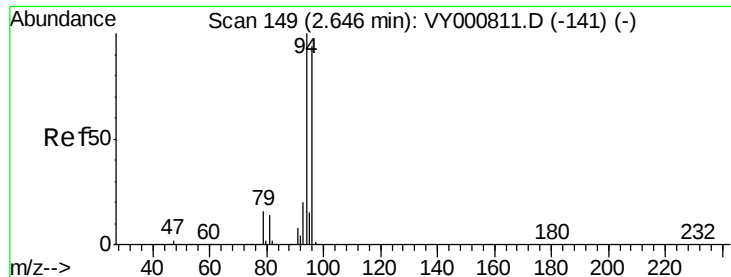
64 33.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 11.590 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

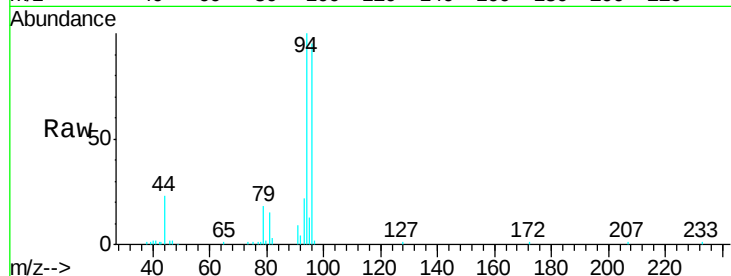
VSTDIC010

Tgt Ion: 94 Resp: 28180

Ion Ratio Lower Upper

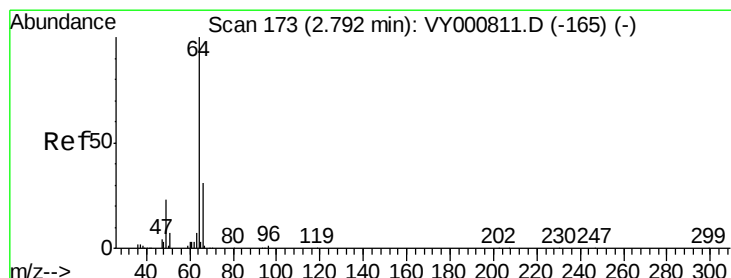
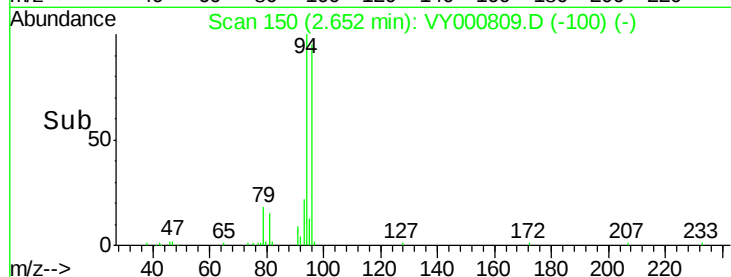
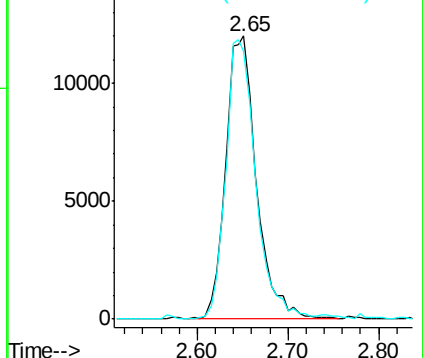
94 100

96 94.7 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: 10.695 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000809.D

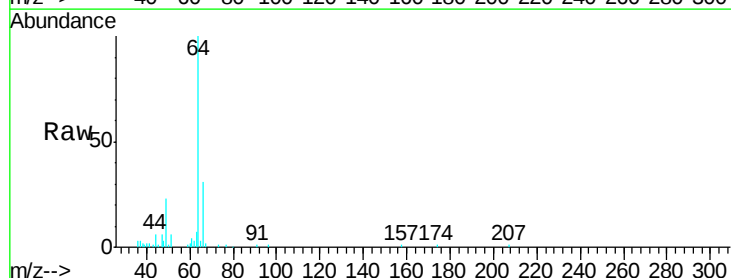
Acq: 27 Nov 2019 10:55

Tgt Ion: 64 Resp: 27009

Ion Ratio Lower Upper

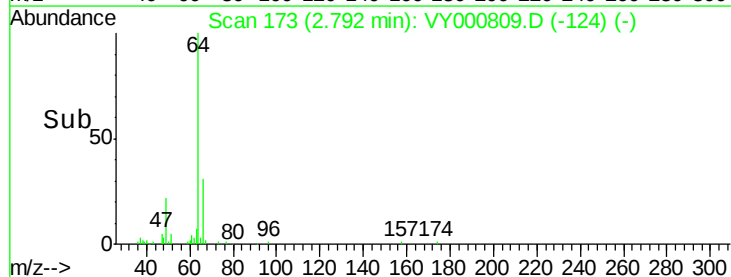
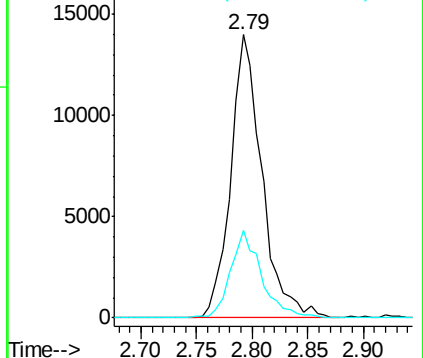
64 100

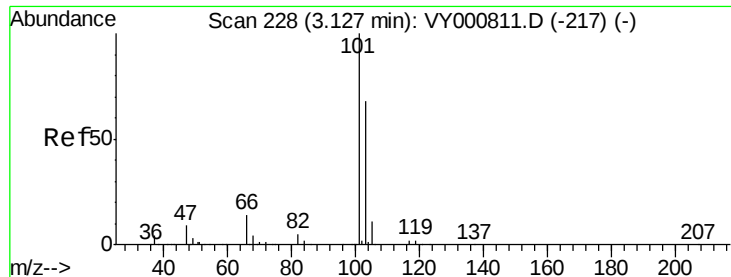
66 31.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



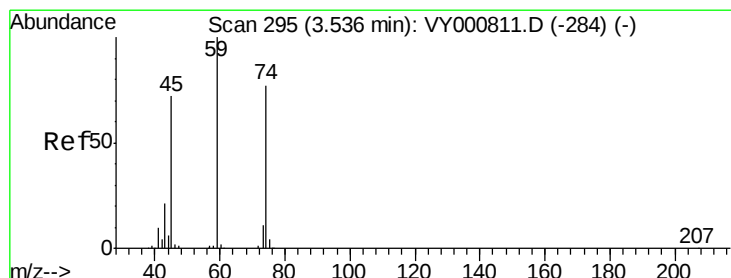
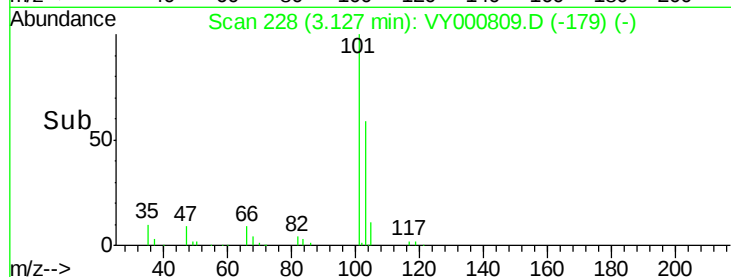
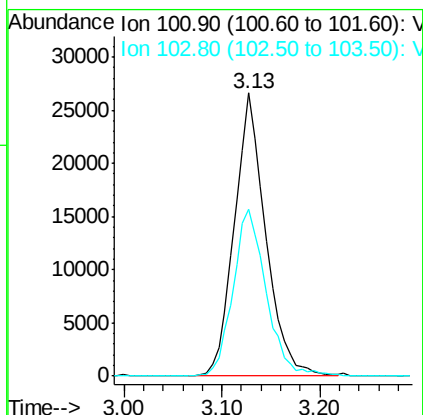
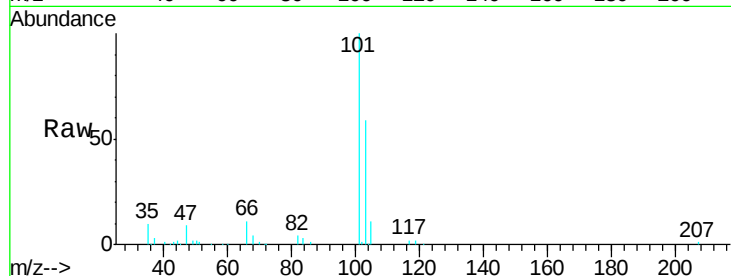


#7

Trichlorofluoromethane
Concen: 10.852 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

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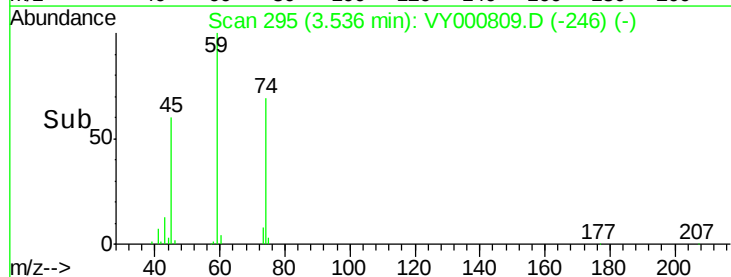
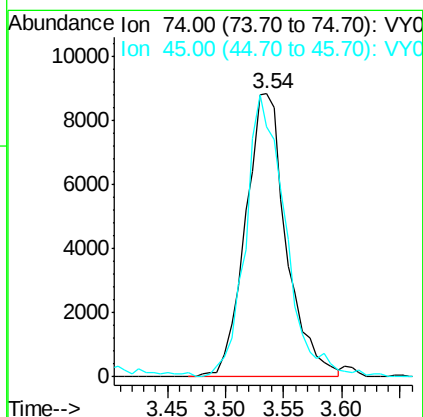
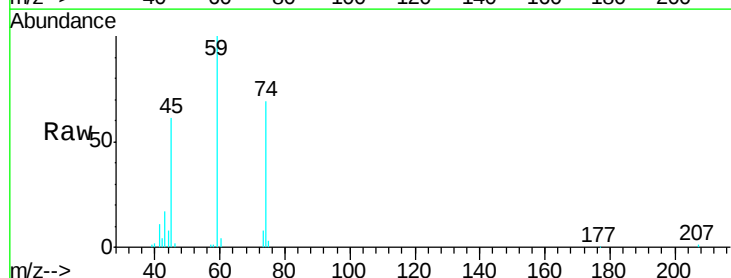
Tgt Ion:101 Resp: 59189
Ion Ratio Lower Upper
101 100
103 58.9 54.2 81.2

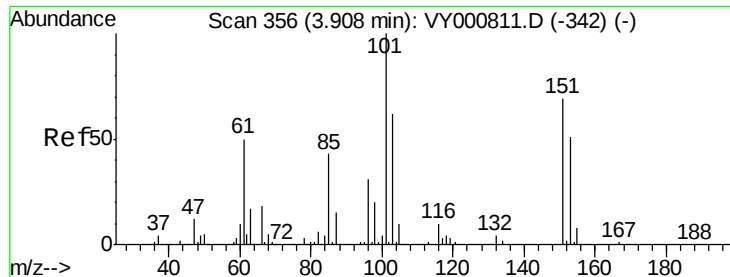


#8

Diethyl Ether
Concen: 11.011 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 74 Resp: 21607
Ion Ratio Lower Upper
74 100
45 97.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.953 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

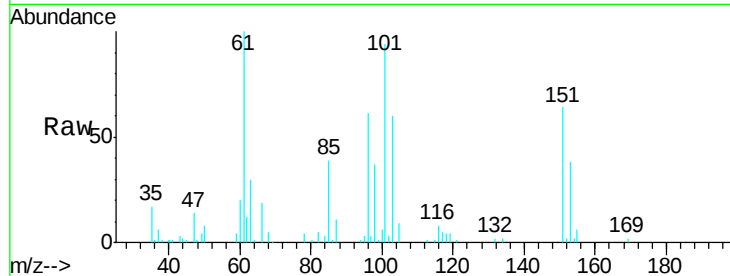
Tgt Ion:101 Resp: 36356

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

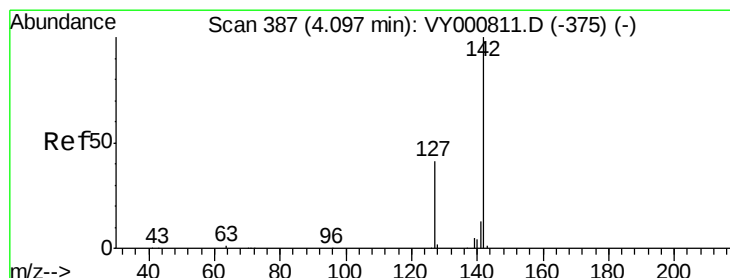
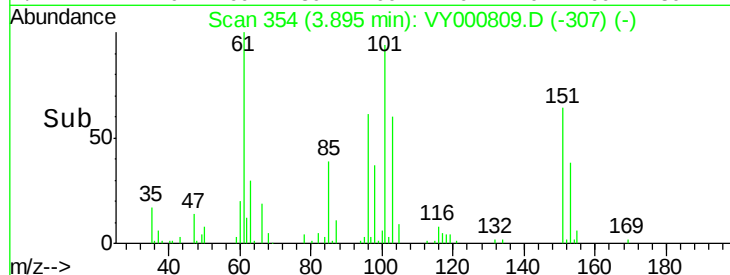
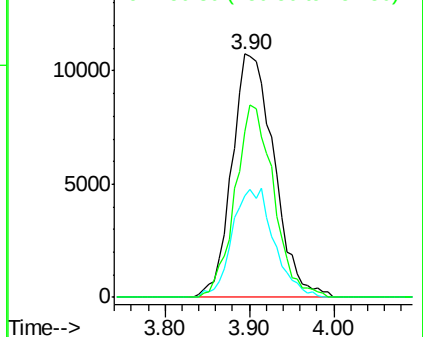
151 72.6 58.2 87.2



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: 10.506 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

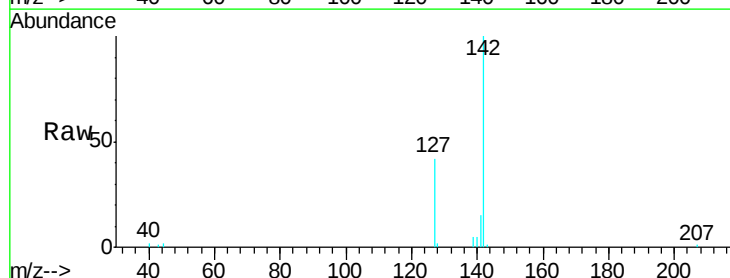
Tgt Ion:142 Resp: 41296

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.8

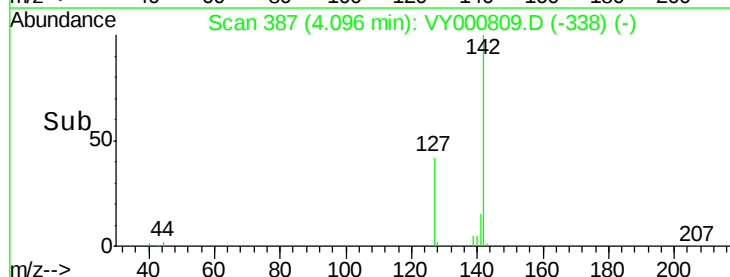
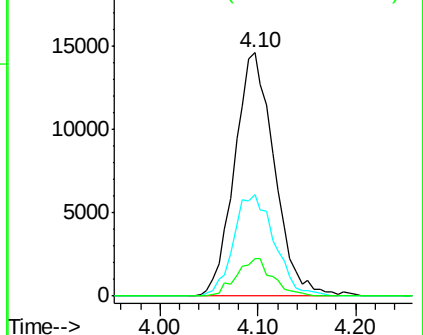
141 14.1 10.9 16.3

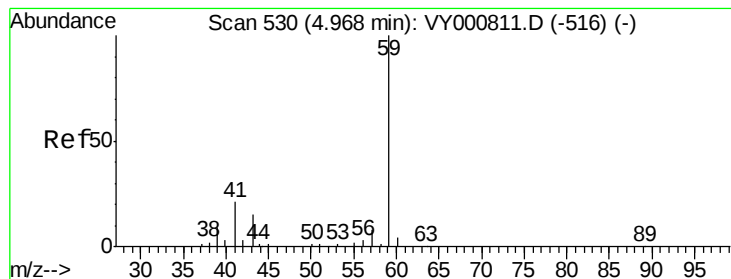


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.278 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

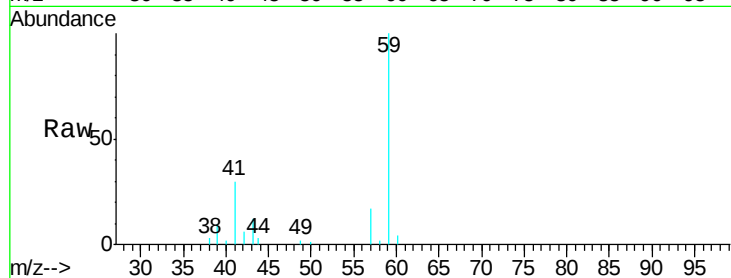
VSTDIC010

Tgt Ion: 59 Resp: 17992

Ion Ratio Lower Upper

59 100

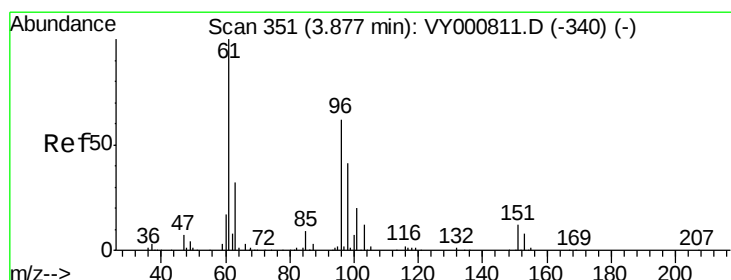
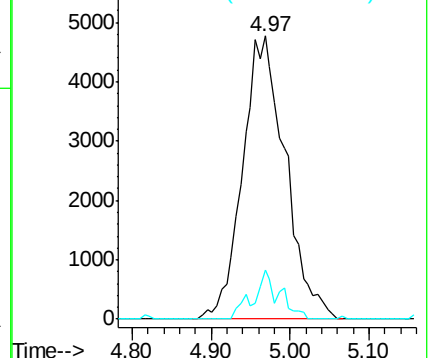
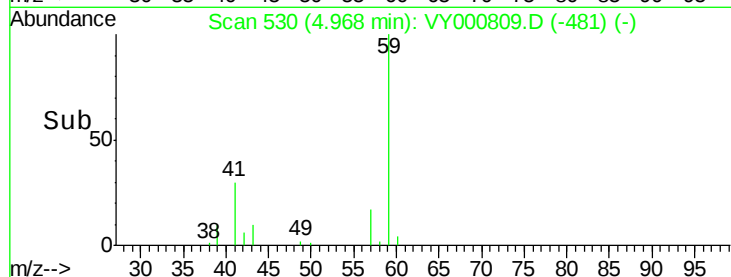
57 8.4 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY000811.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY000811.D (-516) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 10.772 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

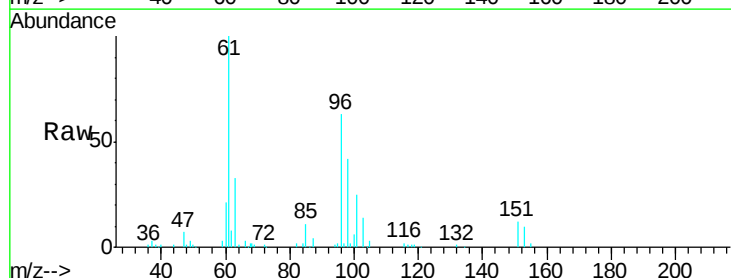
Tgt Ion: 96 Resp: 34451

Ion Ratio Lower Upper

96 100

61 159.5 129.4 194.2

98 67.6 53.4 80.0

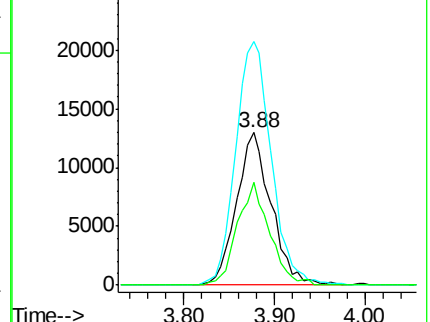
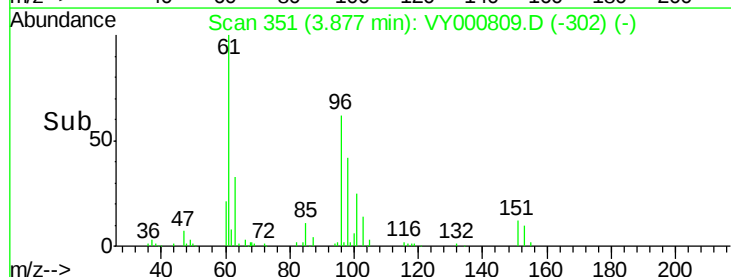


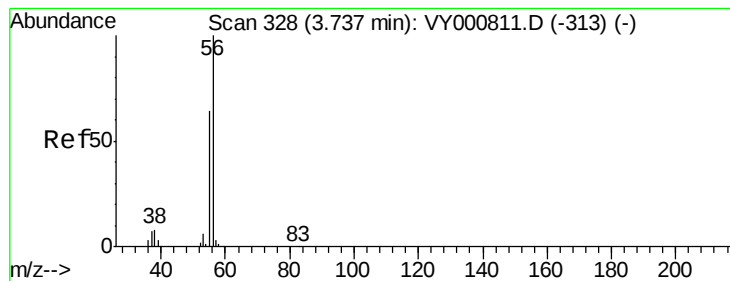
Abundance Ion 95.90 (95.60 to 96.60): VY000811.D (-340) (-)

Ion 60.90 (60.60 to 61.60): VY000811.D (-340) (-)

Ion 97.90 (97.60 to 98.60): VY000811.D (-340) (-)

Time-->





#13

Acrolein

Concen: 63.549 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

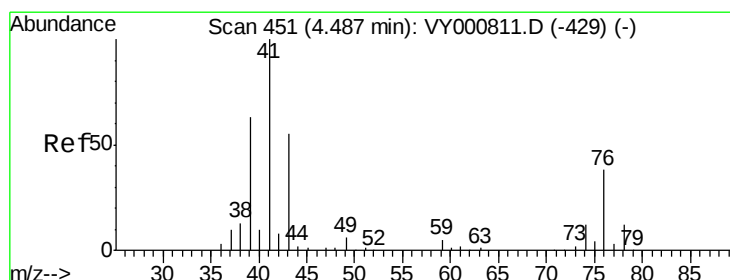
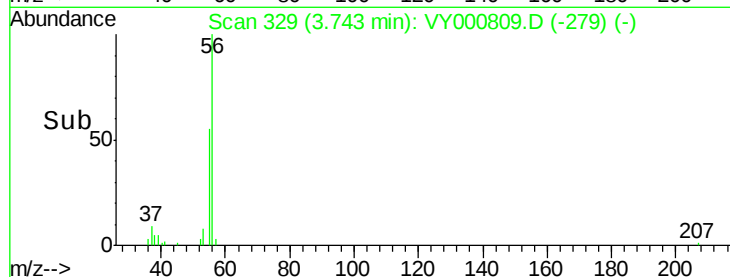
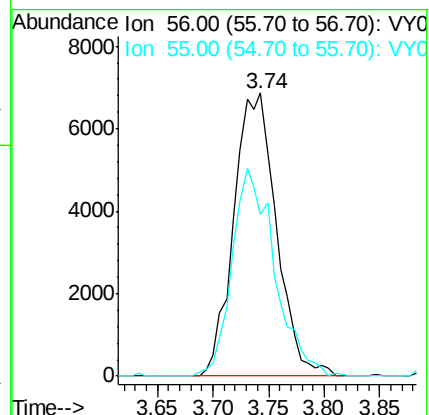
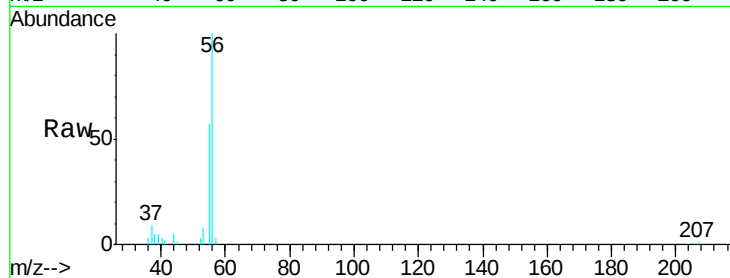
VSTDIC010

Tgt Ion: 56 Resp: 18216

Ion Ratio Lower Upper

56 100

55 73.2 55.7 83.5



#14

Allyl chloride

Concen: 10.773 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

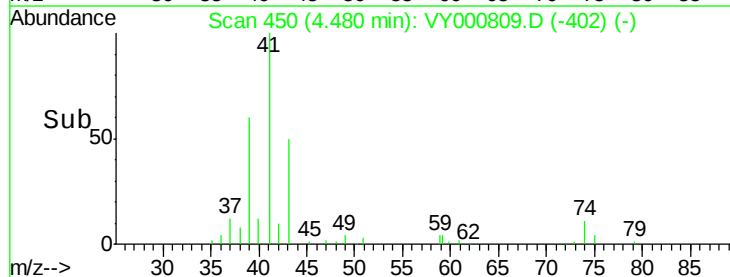
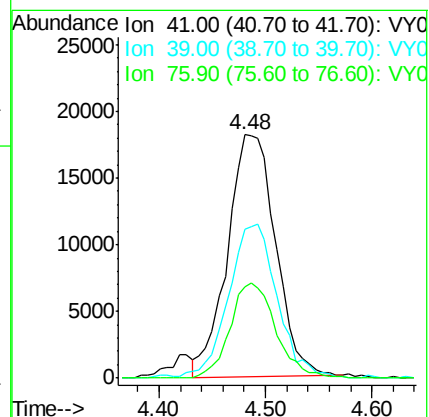
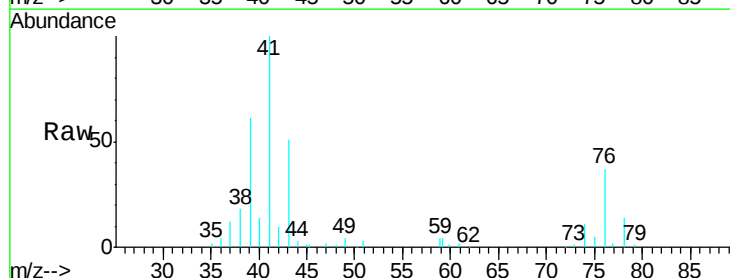
Tgt Ion: 41 Resp: 57333

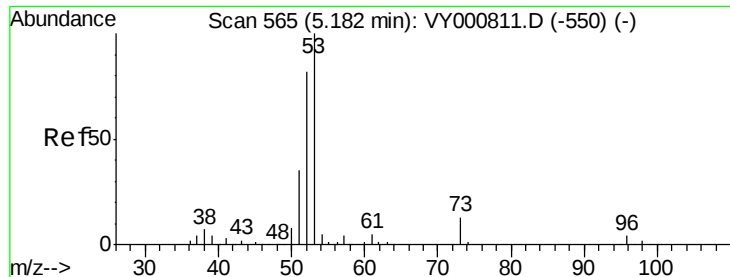
Ion Ratio Lower Upper

41 100

39 64.5 49.2 73.8

76 37.4 29.2 43.8





#15

Acrylonitrile

Concen: 57.493 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

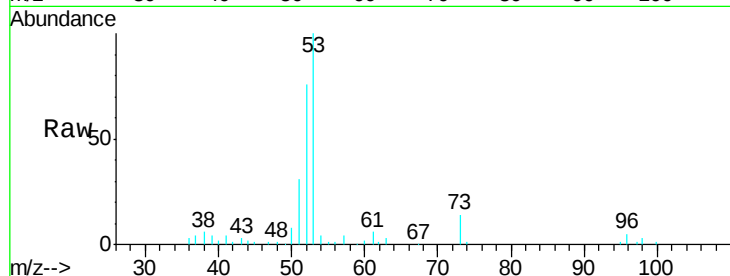
Tgt Ion: 53 Resp: 58294

Ion Ratio Lower Upper

53 100

52 76.7 65.1 97.7

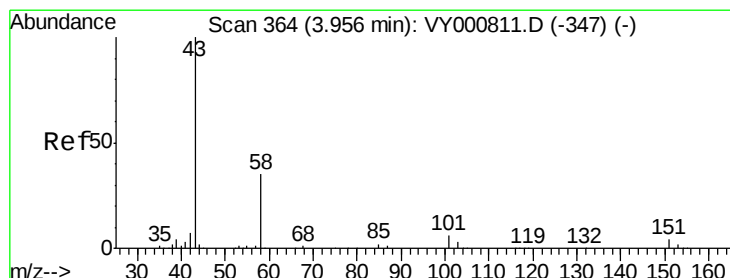
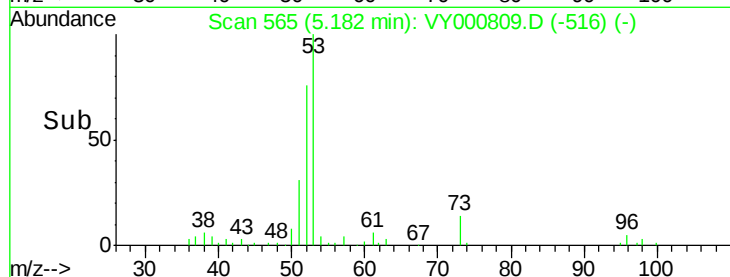
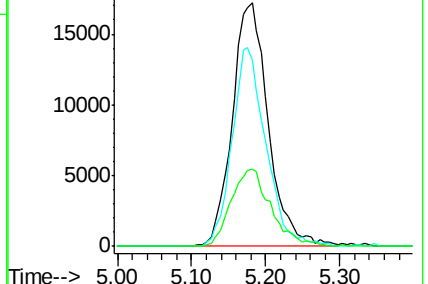
51 34.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000811.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000811.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000811.D (-550) (-)



#16

Acetone

Concen: 48.644 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000809.D

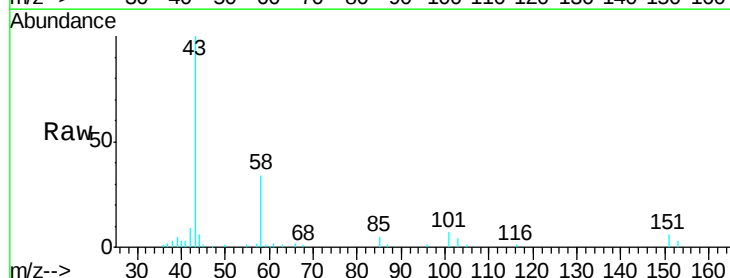
Acq: 27 Nov 2019 10:55

Tgt Ion: 43 Resp: 42313

Ion Ratio Lower Upper

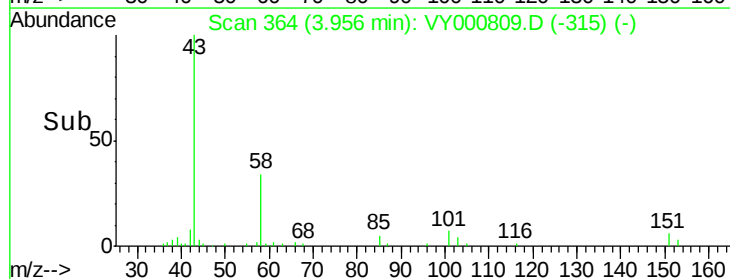
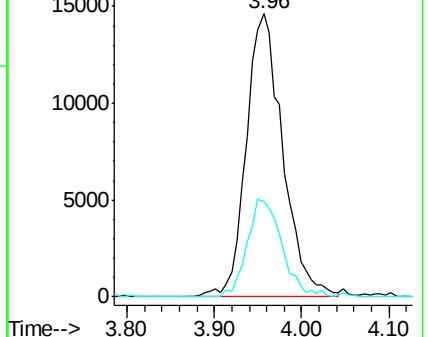
43 100

58 33.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

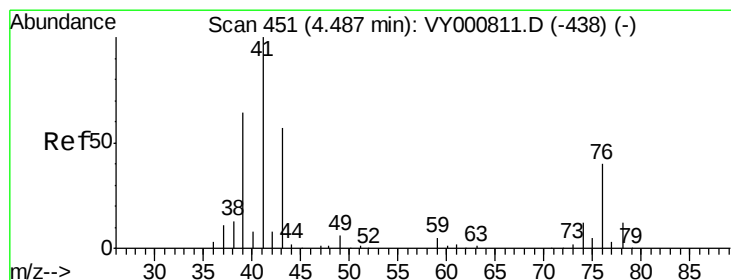
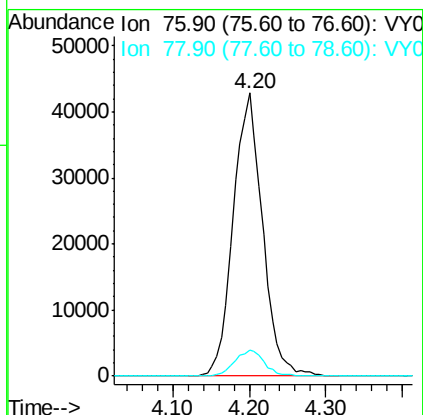
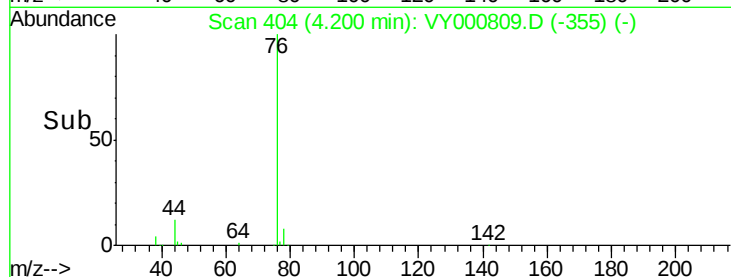
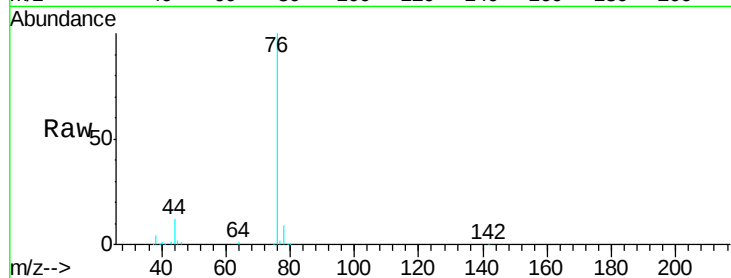




#17
Carbon Disulfide
Concen: 11.153 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

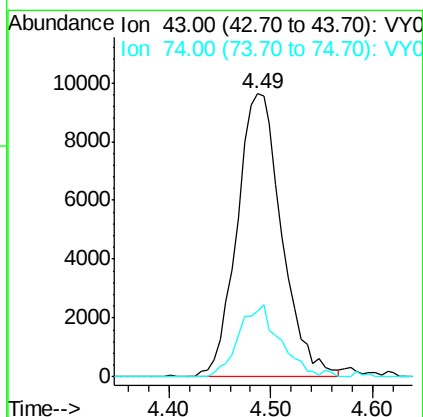
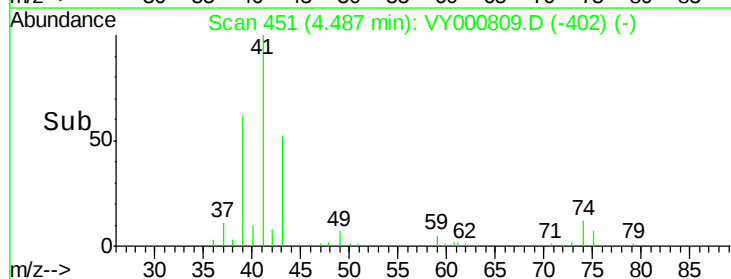
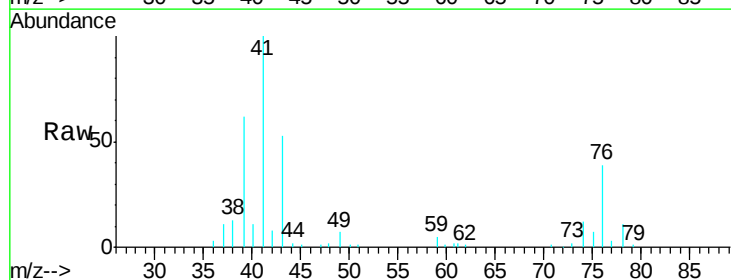
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

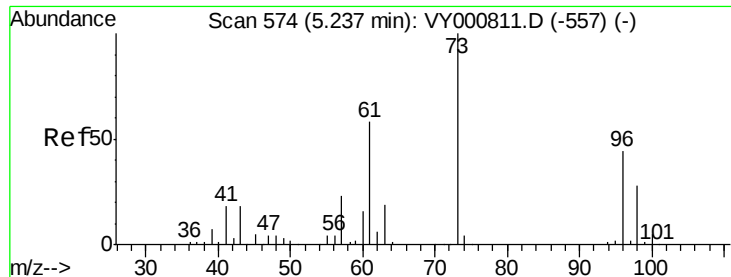
Tgt Ion: 76 Resp: 114161
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 10.045 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 43 Resp: 29327
Ion Ratio Lower Upper
43 100
74 23.3 18.5 27.7

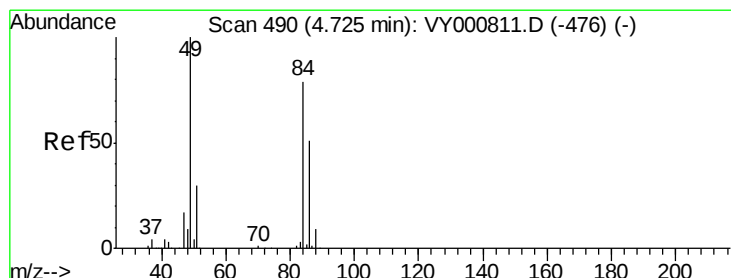
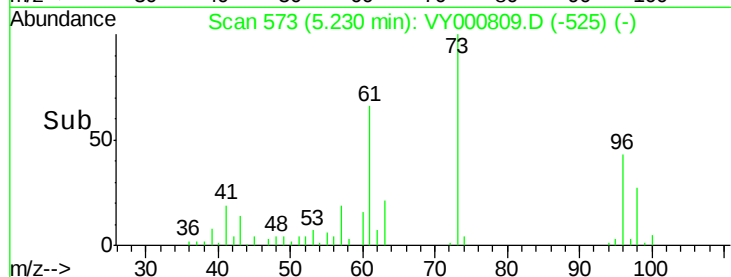
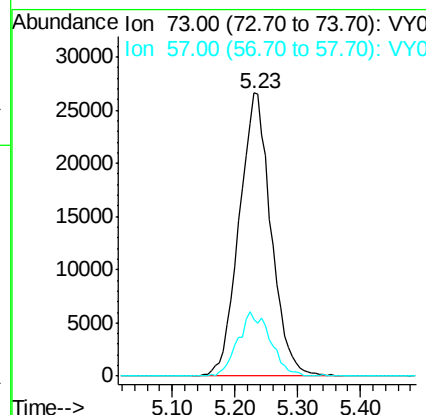
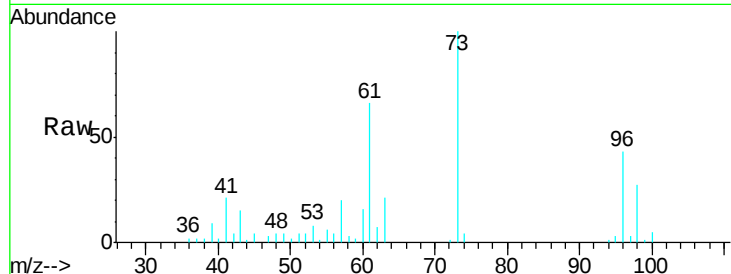




#19
Methyl tert-butyl Ether
Concen: 10.381 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

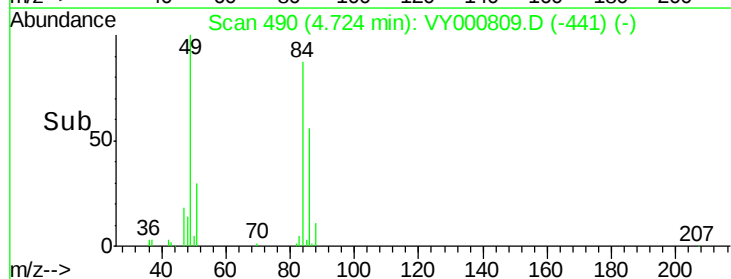
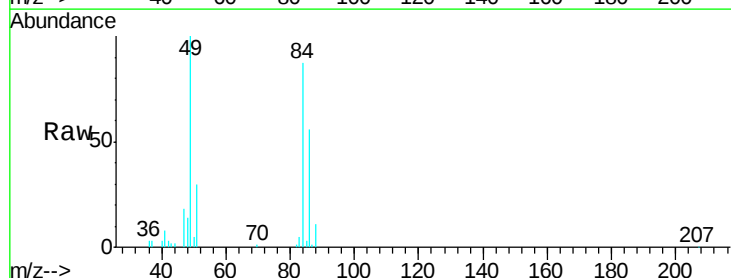
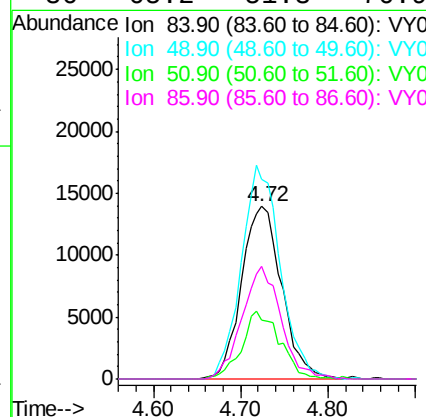
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

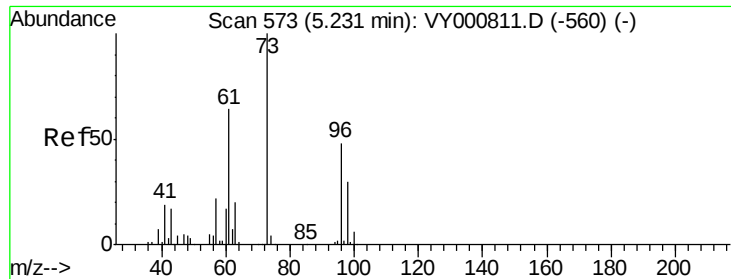
Tgt Ion: 73 Resp: 93470
Ion Ratio Lower Upper
73 100
57 20.1 18.2 27.4



#20
Methylene Chloride
Concen: 11.261 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 84 Resp: 44548
Ion Ratio Lower Upper
84 100
49 115.5 101.3 151.9
51 34.2 30.6 45.8
86 65.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 10.645 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

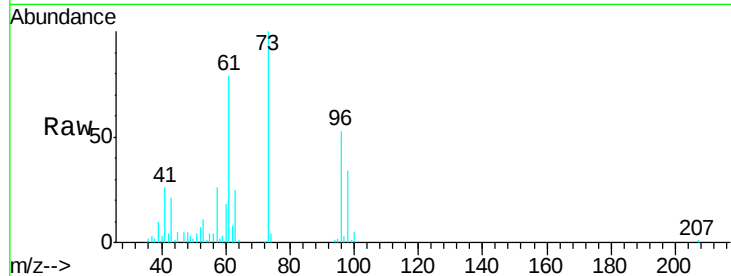
Tgt Ion: 96 Resp: 38851

Ion Ratio Lower Upper

96 100

61 147.8 105.9 158.9

98 64.1 49.4 74.2

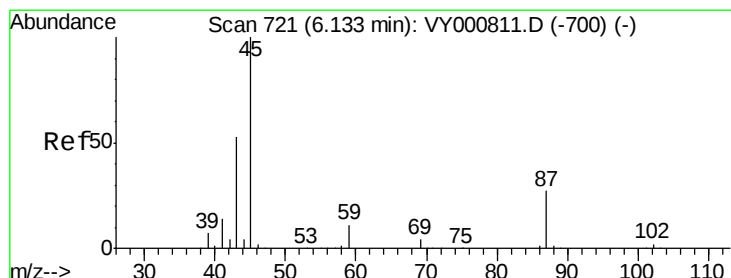
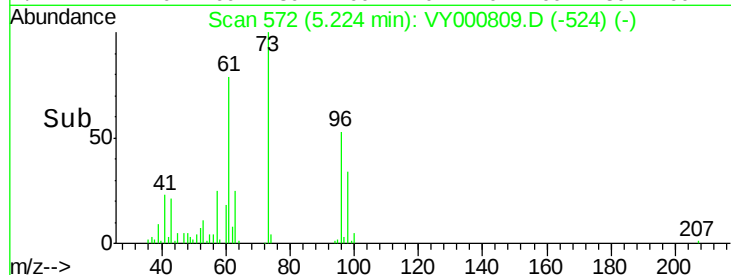
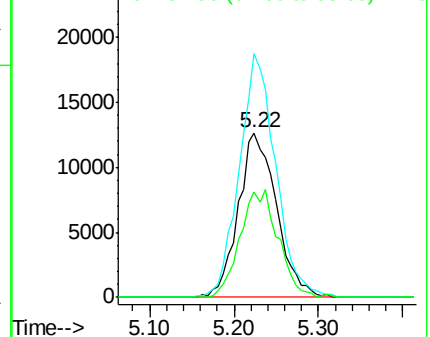


Abundance

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: 11.076 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Tgt Ion: 45 Resp: 127035

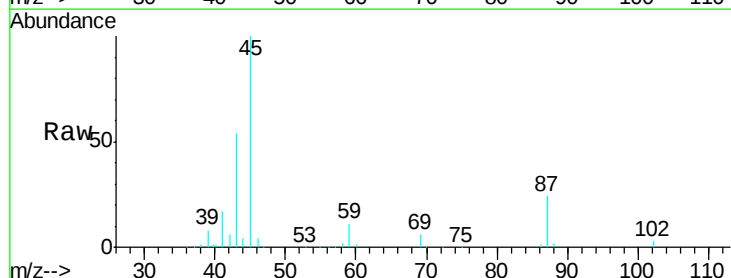
Ion Ratio Lower Upper

45 100

43 53.3 42.7 64.1

87 24.0 22.0 33.0

59 10.6 8.9 13.3



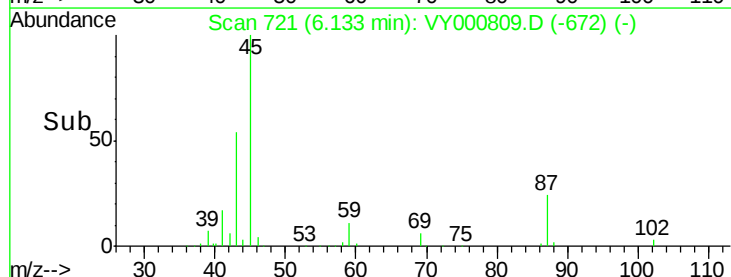
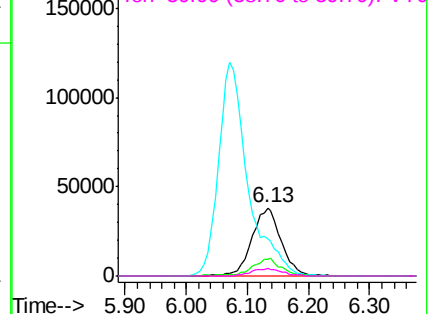
Abundance

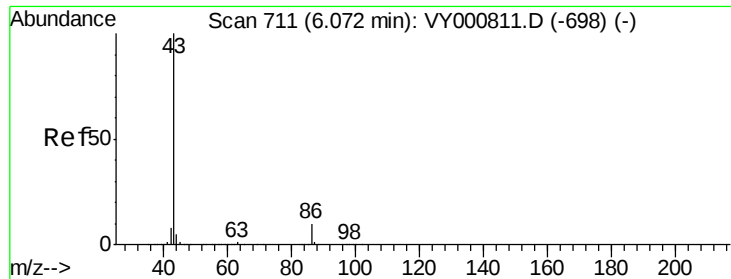
Ion 45.00 (44.70 to 45.70): VY0

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: 55.646 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

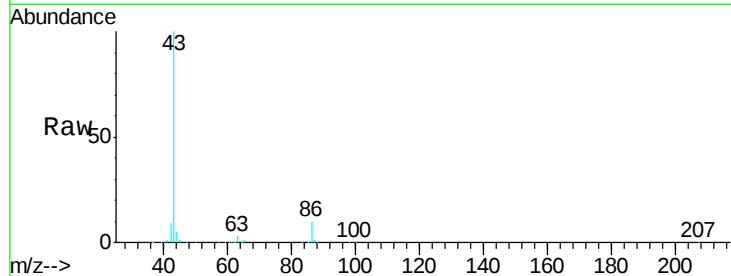
VSTDIC010

Tgt Ion: 43 Resp: 402972

Ion Ratio Lower Upper

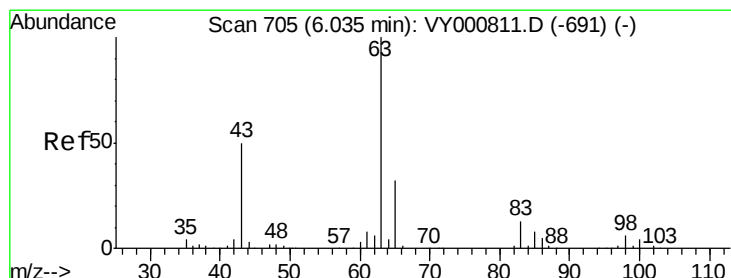
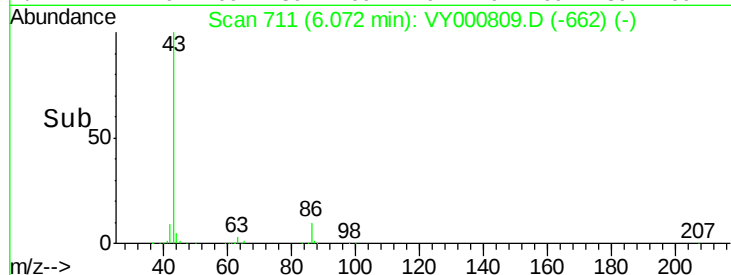
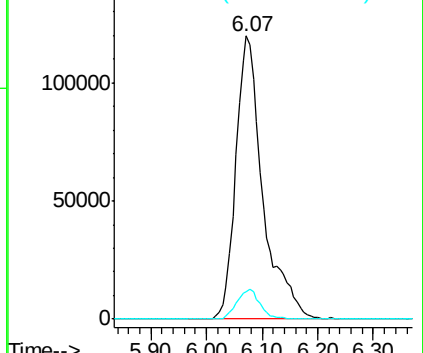
43 100

86 9.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.941 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

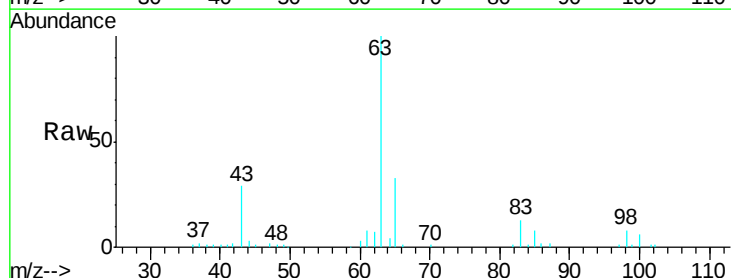
Tgt Ion: 63 Resp: 68190

Ion Ratio Lower Upper

63 100

98 8.4 3.3 9.8

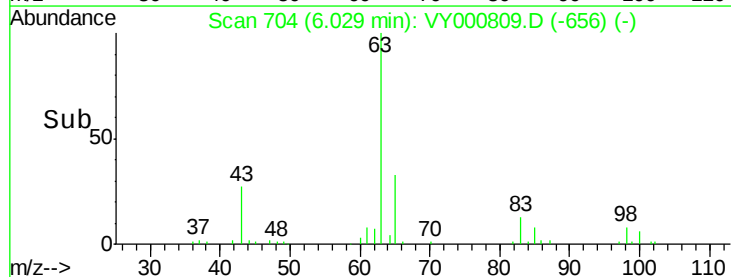
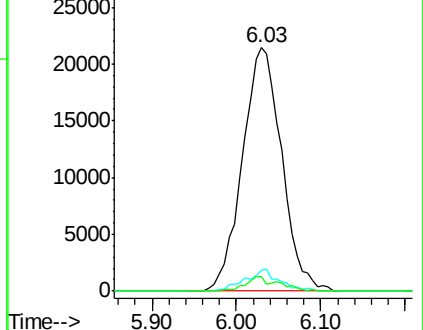
100 6.0 2.2 6.6

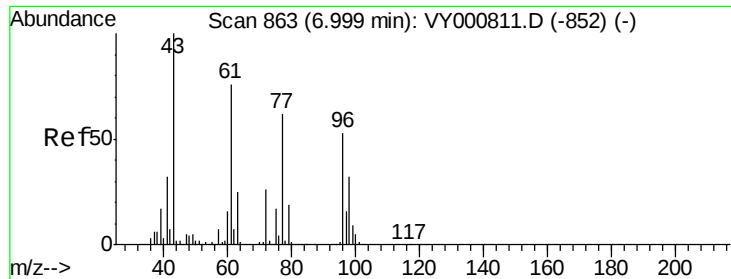


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 50.667 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

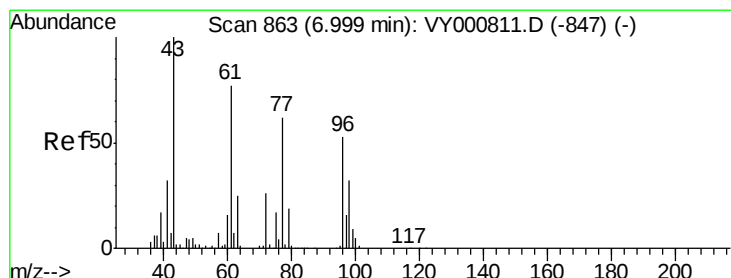
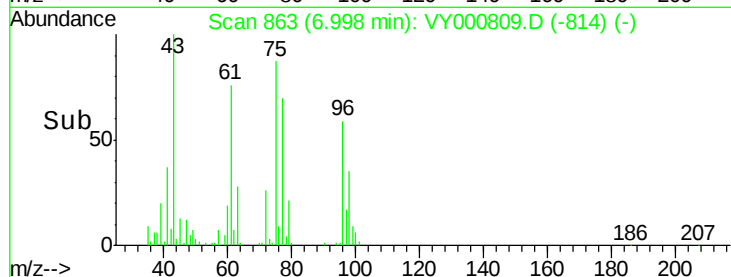
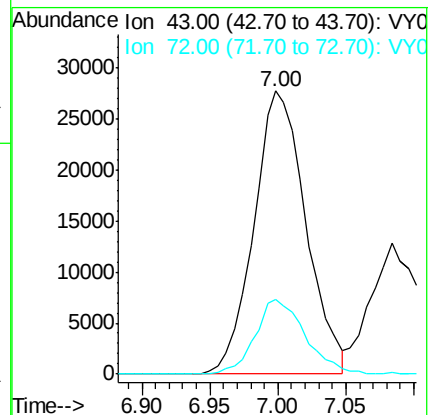
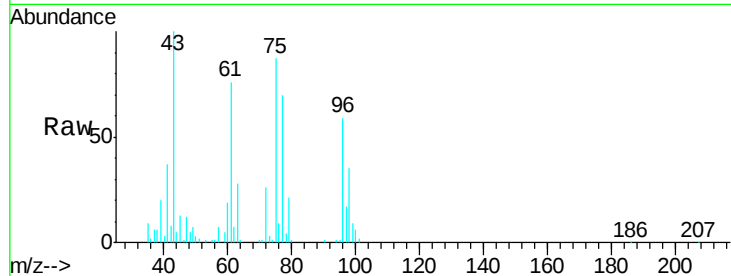
VSTDIC010

Tgt Ion: 43 Resp: 74099

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 10.365 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000809.D

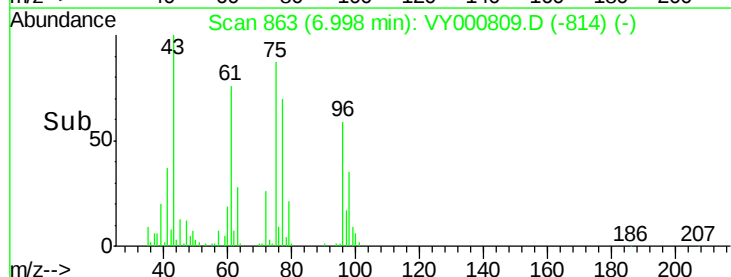
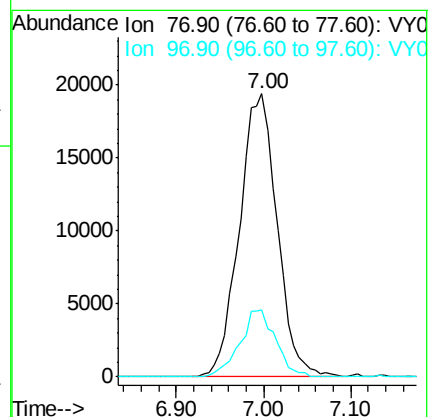
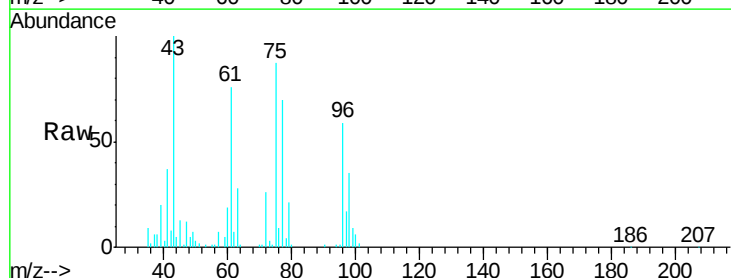
Acq: 27 Nov 2019 10:55

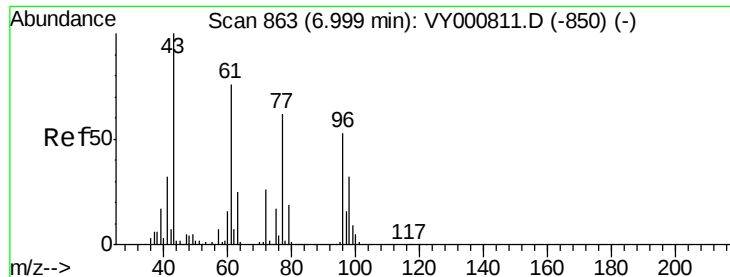
Tgt Ion: 77 Resp: 58119

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.9



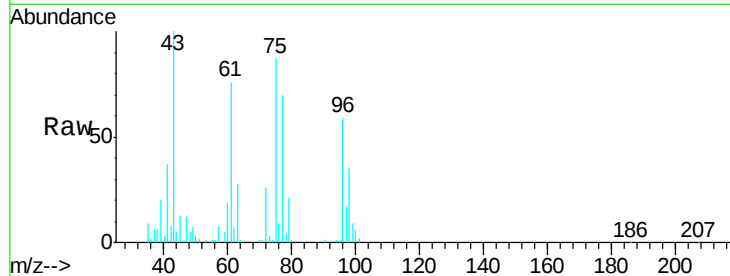


#27

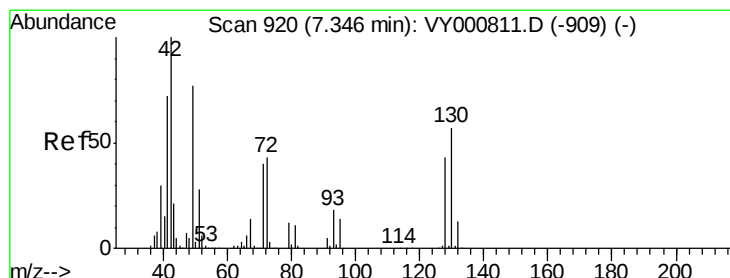
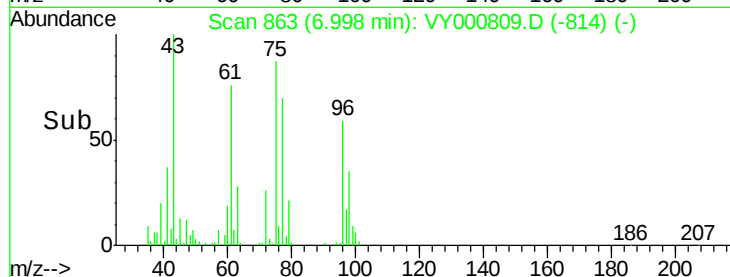
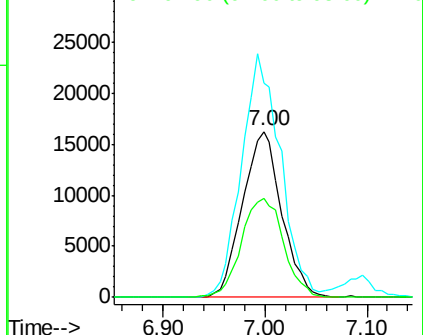
cis-1,2-Dichloroethene
Concen: 10.858 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 43386
Ion Ratio Lower Upper
96 100
61 145.9 0.0 285.0
98 64.2 0.0 128.0



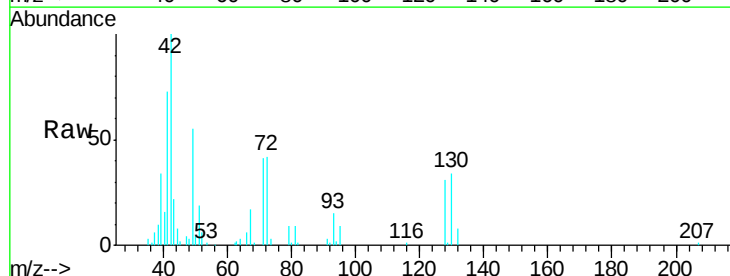
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



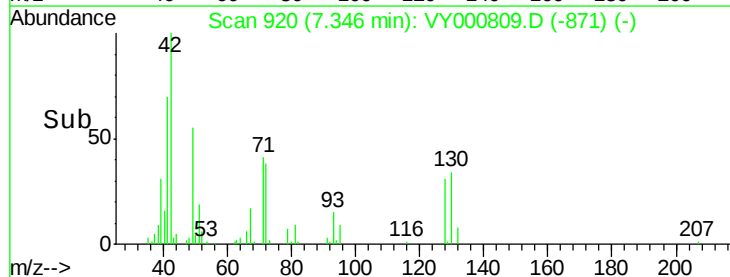
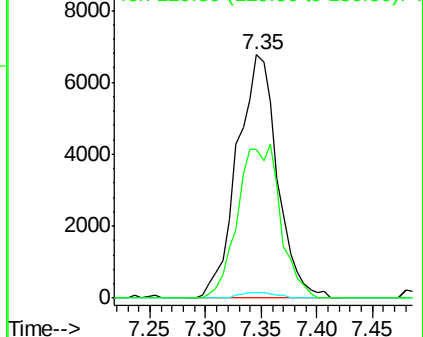
#28

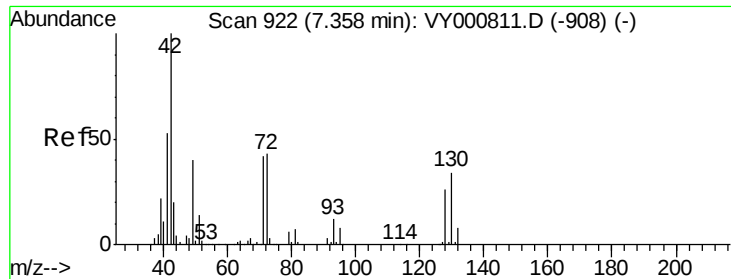
Bromochloromethane
Concen: 7.071 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 49 Resp: 16960
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 66.6 58.7 88.1



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

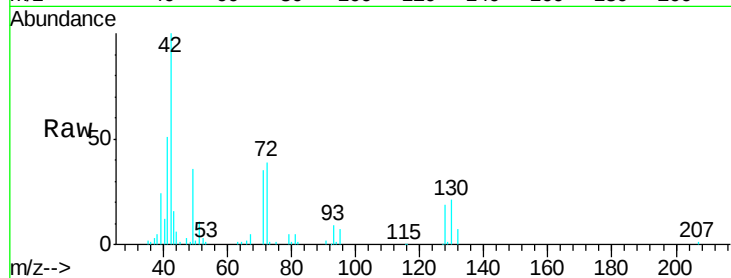




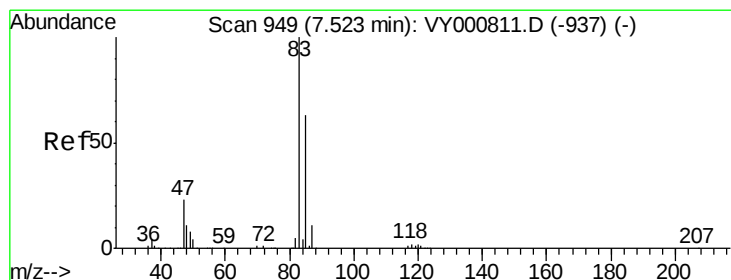
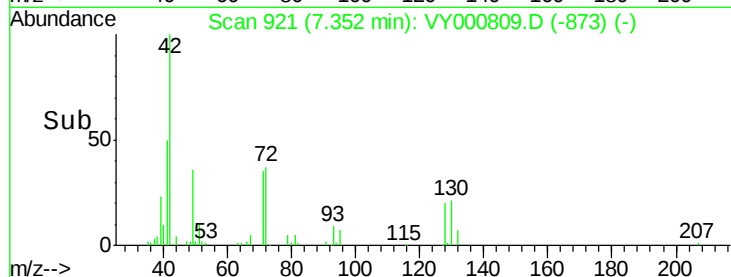
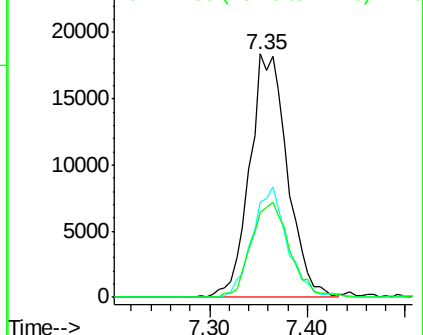
#29
Tetrahydrofuran
Concen: 54.574 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 49597
Ion Ratio Lower Upper
42 100
72 41.7 35.1 52.7
71 39.6 32.8 49.2

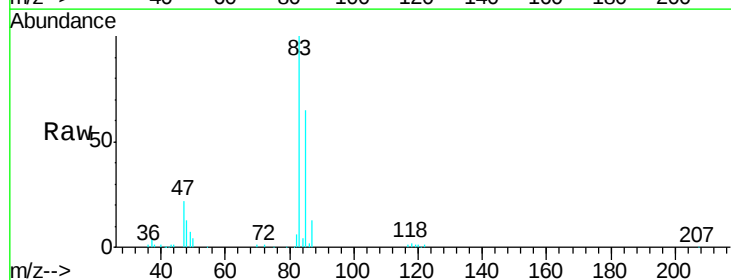


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

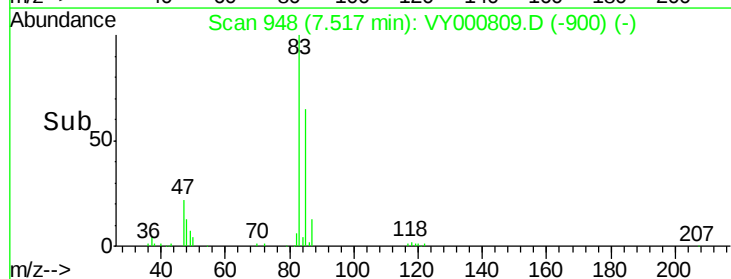
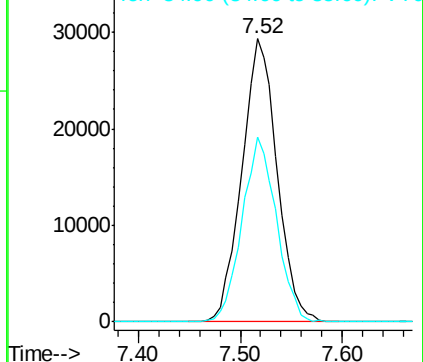


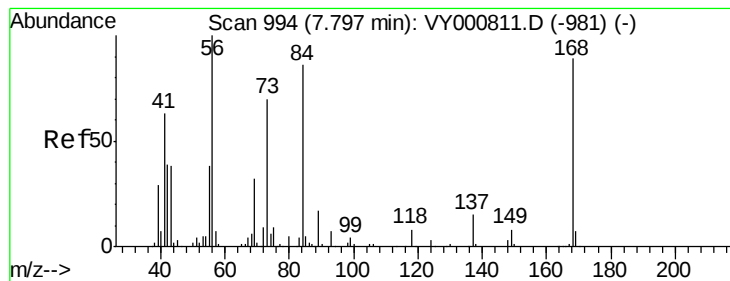
#30
Chloroform
Concen: 11.294 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 83 Resp: 70487
Ion Ratio Lower Upper
83 100
85 65.2 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: 11.406 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

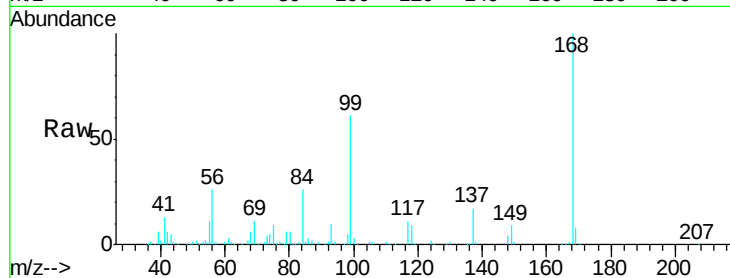
Tgt Ion: 56 Resp: 74354

Ion Ratio Lower Upper

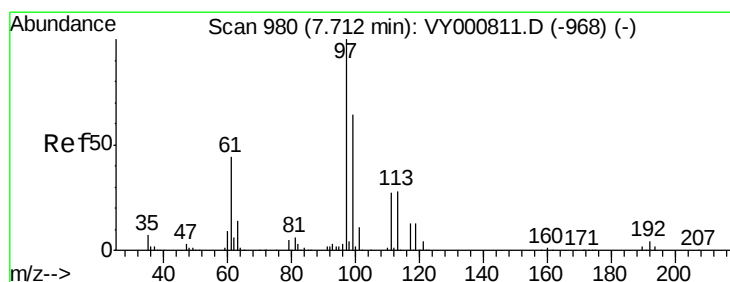
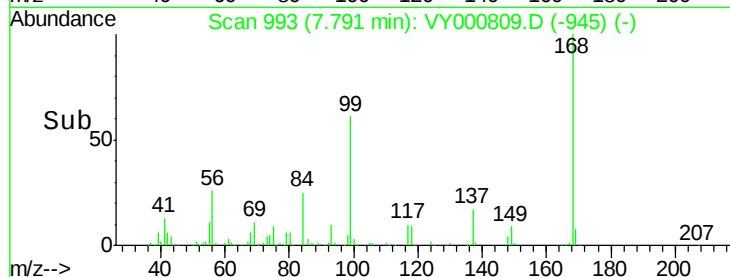
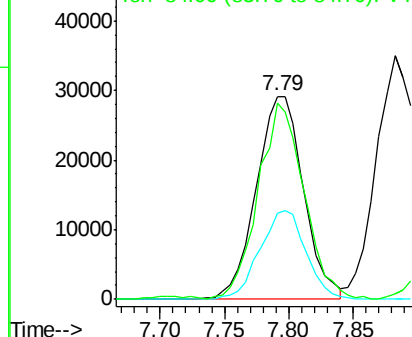
56 100

69 42.4 25.9 38.9#

84 95.1 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: 10.391 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

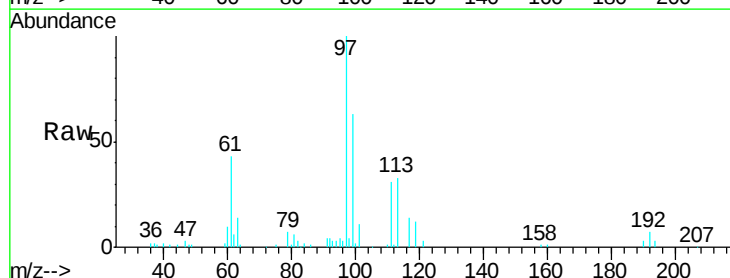
Tgt Ion: 97 Resp: 57187

Ion Ratio Lower Upper

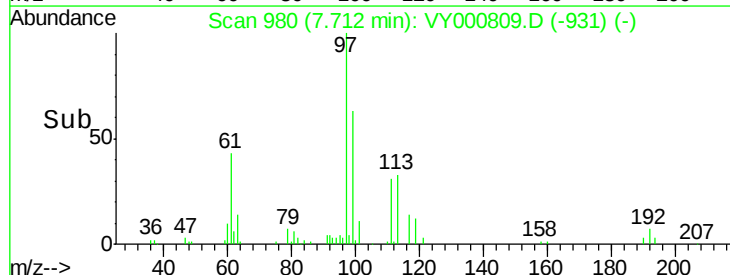
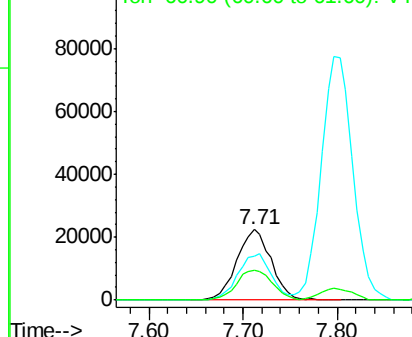
97 100

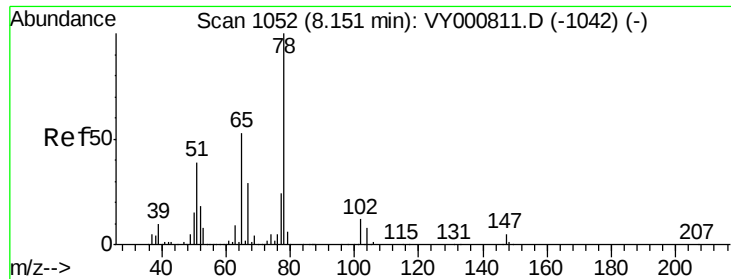
99 63.2 51.7 77.5

61 44.4 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: 10.661 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

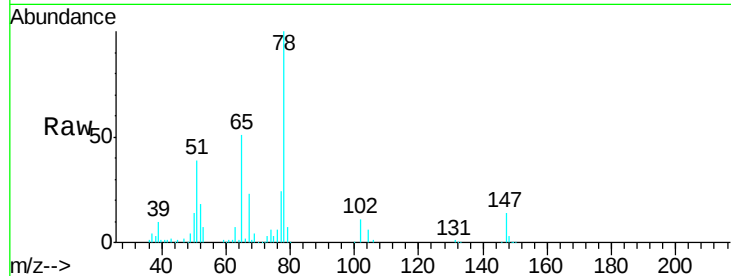
VSTDIC010

Tgt Ion: 65 Resp: 34511

Ion Ratio Lower Upper

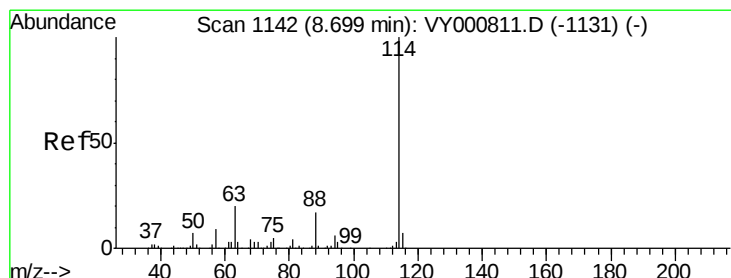
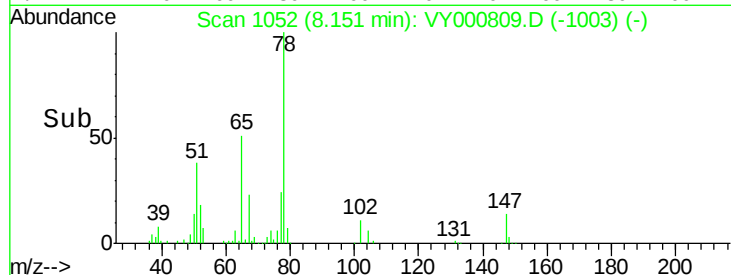
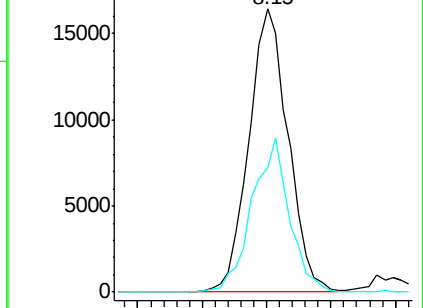
65 100

67 52.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

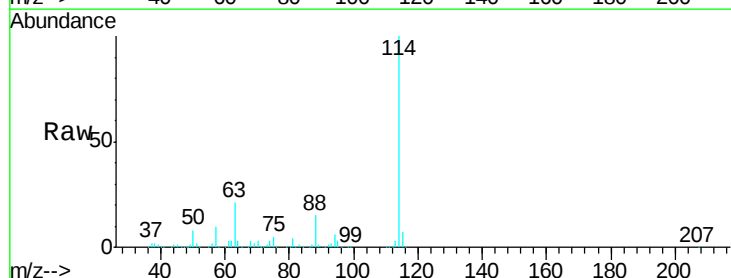
Tgt Ion: 114 Resp: 547312

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

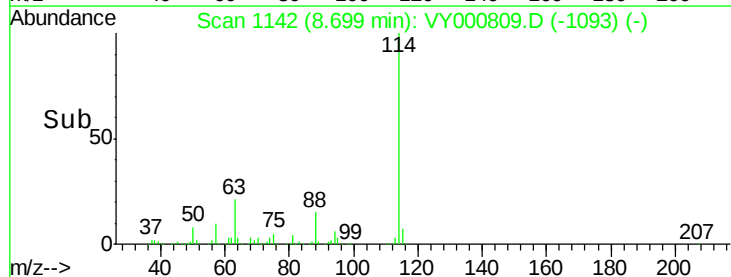
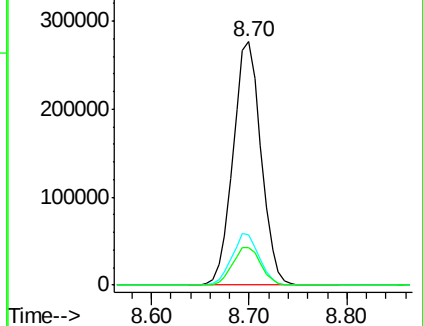
88 15.4 0.0 33.2

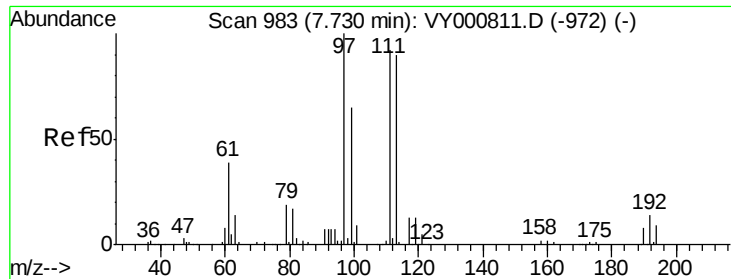


Abundance Ion 113.90 (113.60 to 114.60): VY000811.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY000811.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY000811.D (-1131) (-)

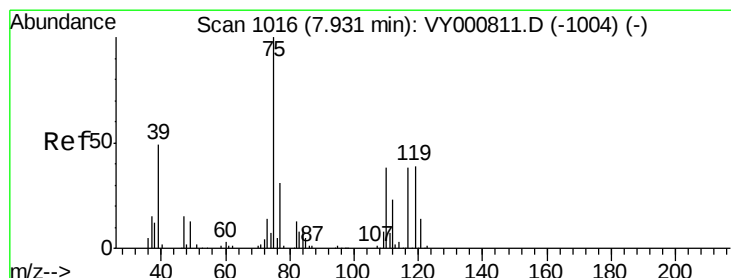
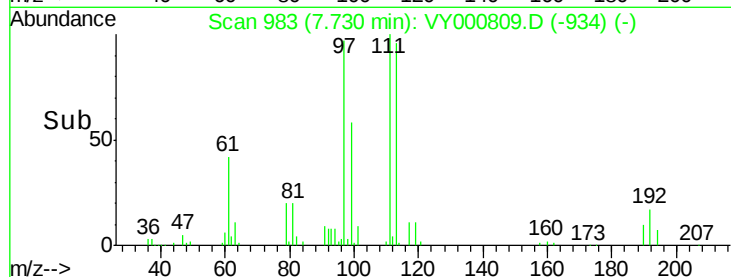
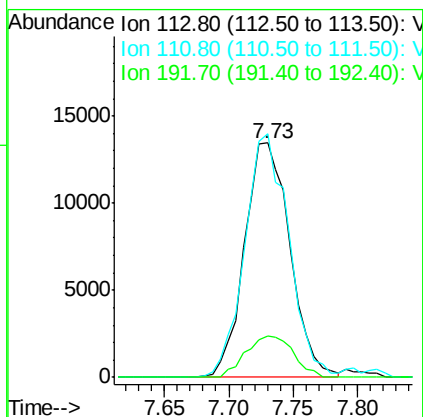
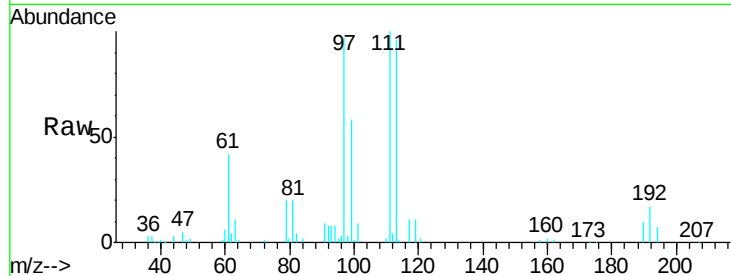




#35
 Dibromofluoromethane
 Concen: 10.341 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

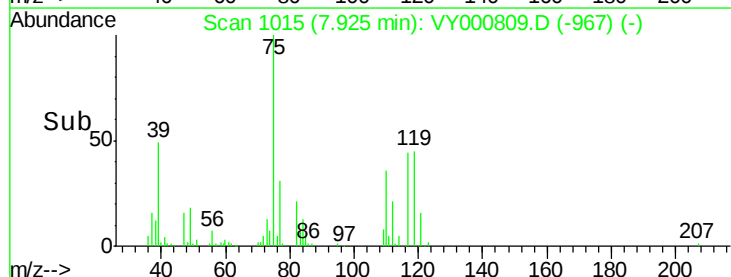
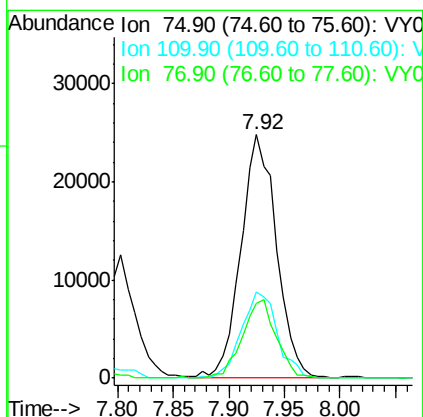
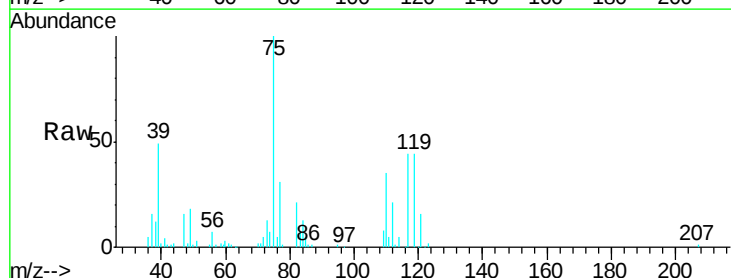
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

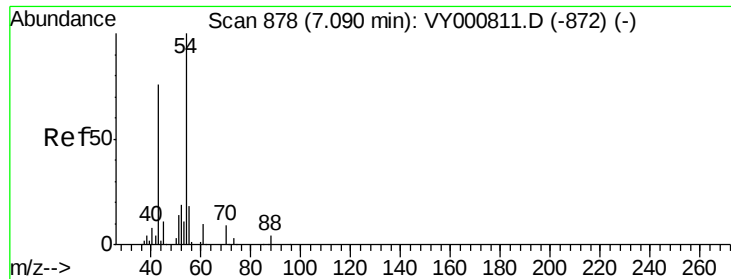
Tgt Ion:113 Resp: 32872
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 10.509 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion: 75 Resp: 55169
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.7
 77 30.6 24.7 37.1

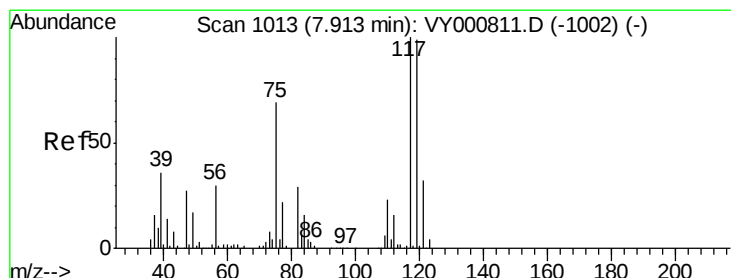
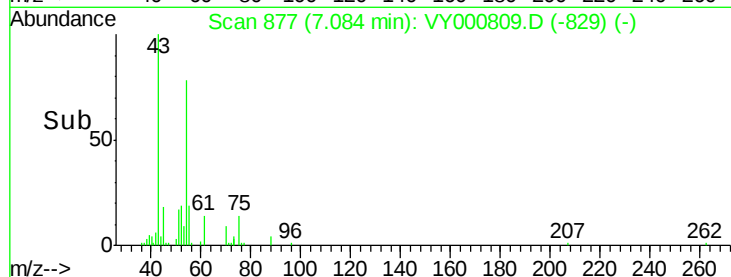
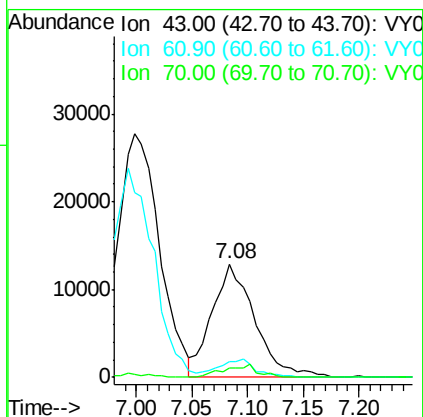
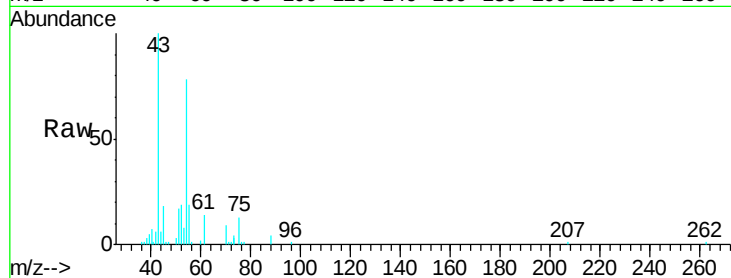




#37
Ethyl Acetate
Concen: 10.851 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

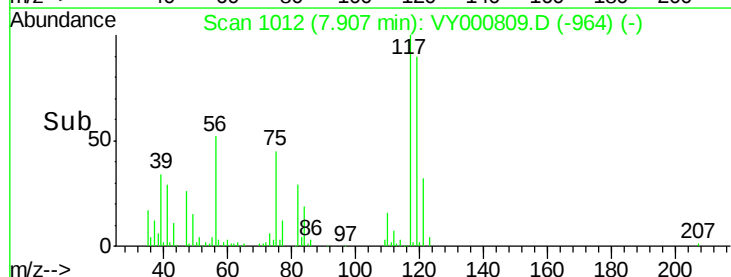
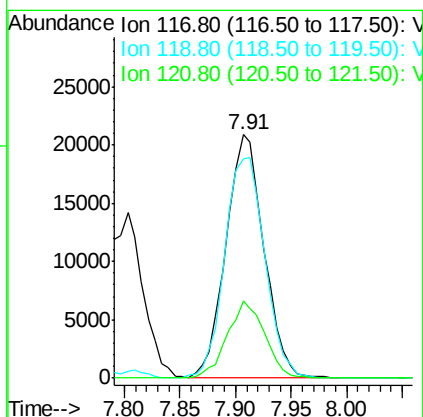
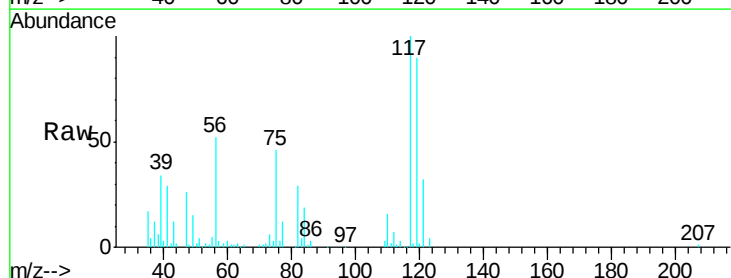
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

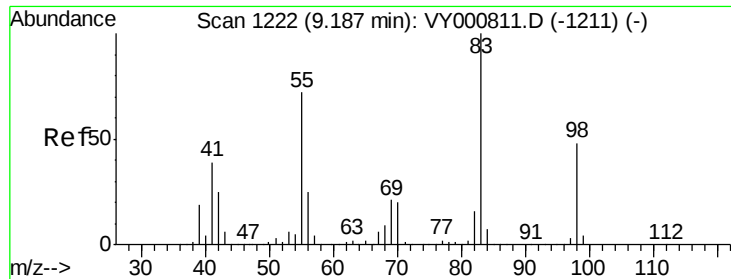
Tgt Ion: 43 Resp: 34122
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 9.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 9.937 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 117 Resp: 49478
Ion Ratio Lower Upper
117 100
119 90.2 79.3 118.9
121 31.9 25.5 38.3

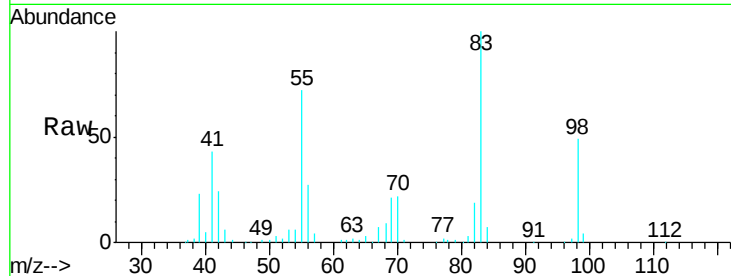




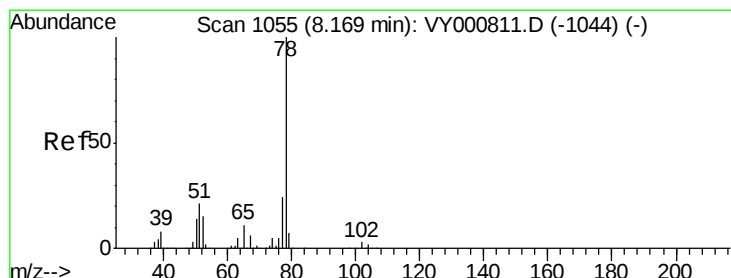
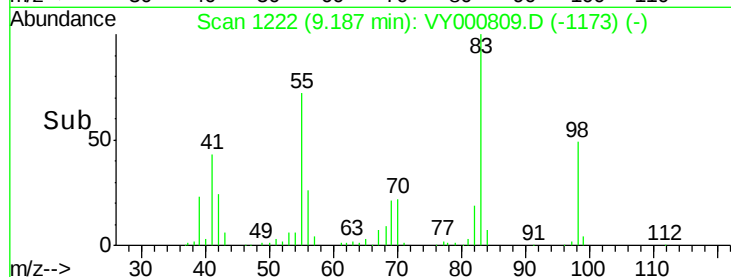
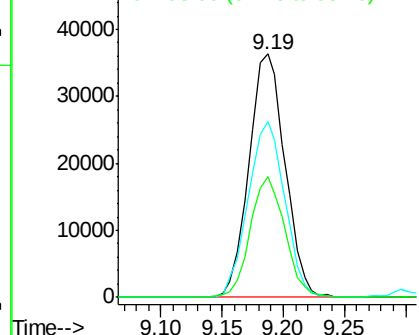
#39
Methylcyclohexane
Concen: 10.995 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 74566
Ion Ratio Lower Upper
83 100
55 72.0 57.8 86.6
98 49.4 38.6 58.0

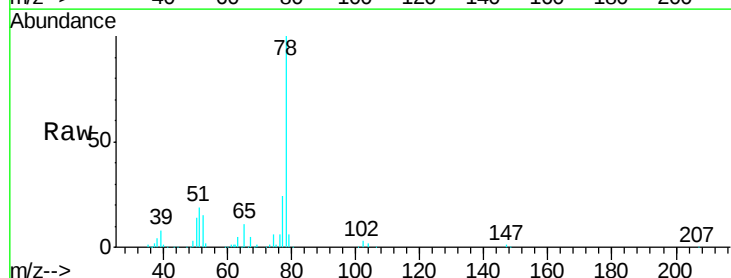


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

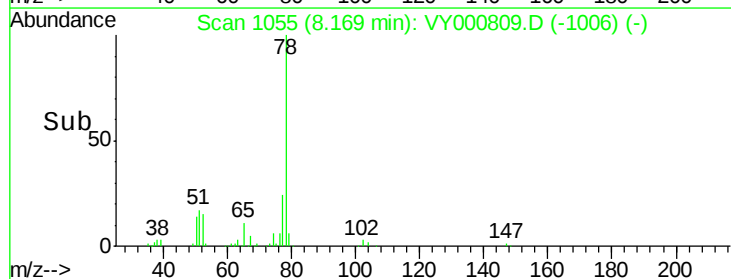
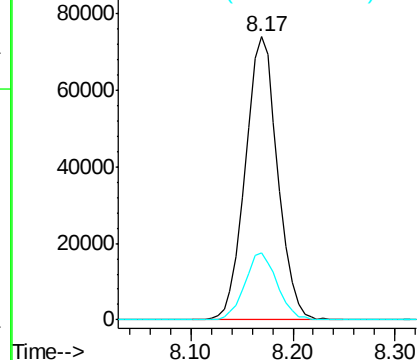


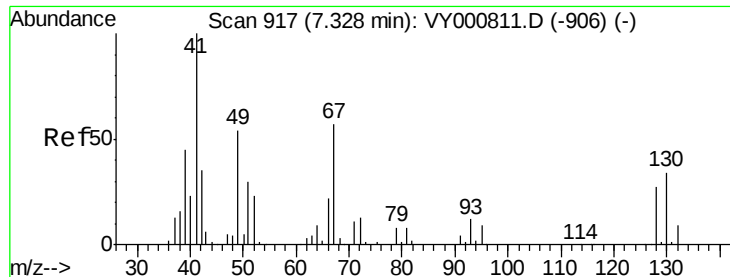
#40
Benzene
Concen: 10.538 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 78 Resp: 162313
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



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





#41

Methacrylonitrile

Concen: 25.245 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.03 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 43735

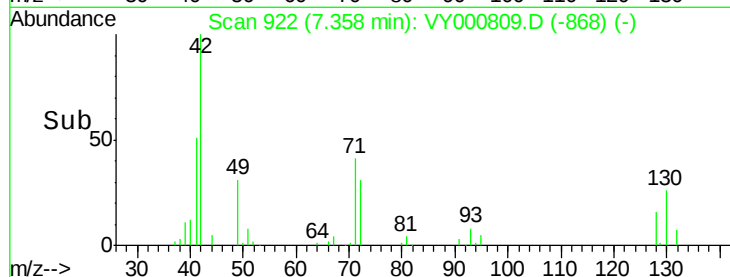
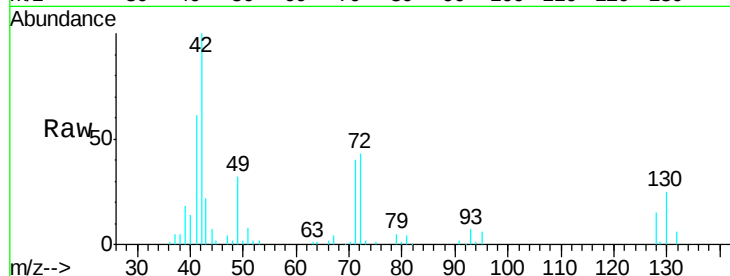
Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

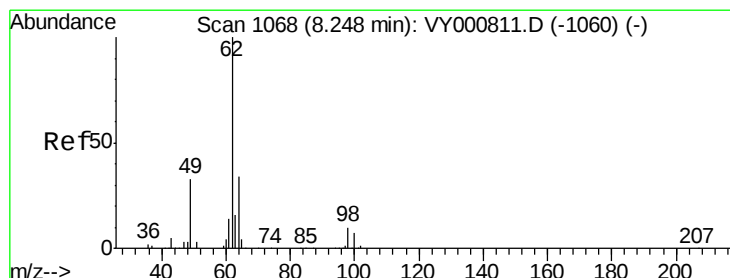
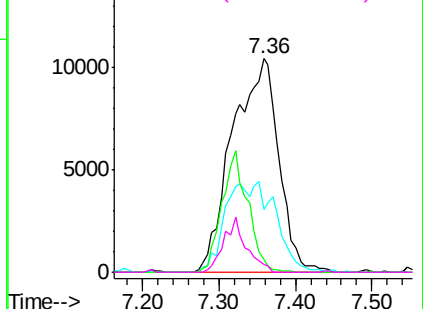


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 9.904 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000809.D

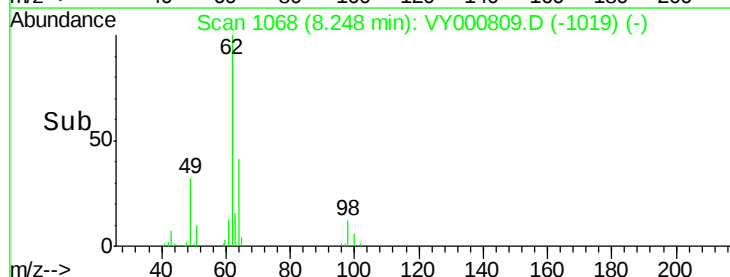
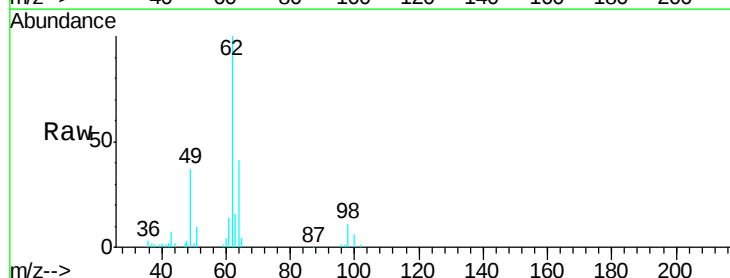
Acq: 27 Nov 2019 10:55

Tgt Ion: 62 Resp: 42712

Ion Ratio Lower Upper

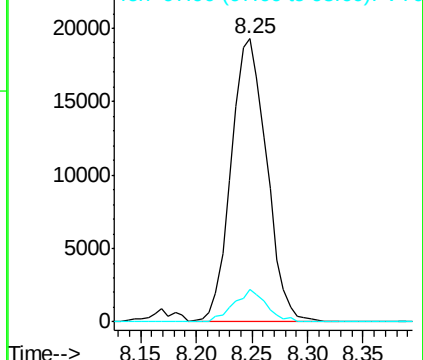
62 100

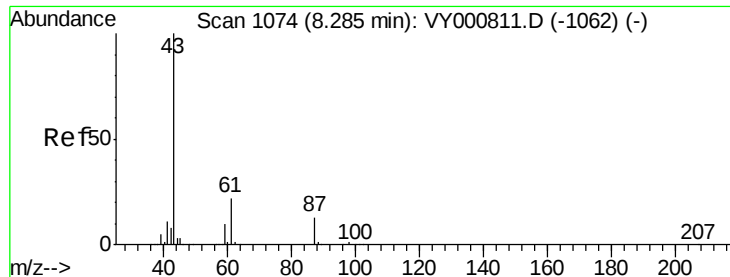
98 10.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

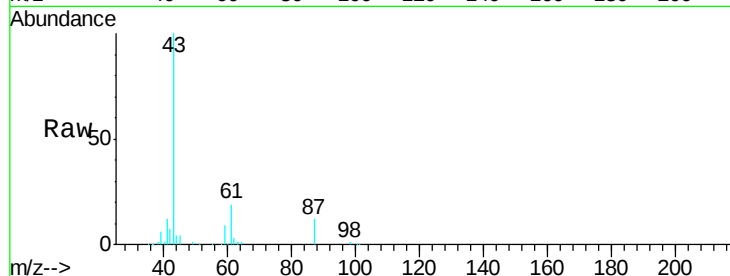




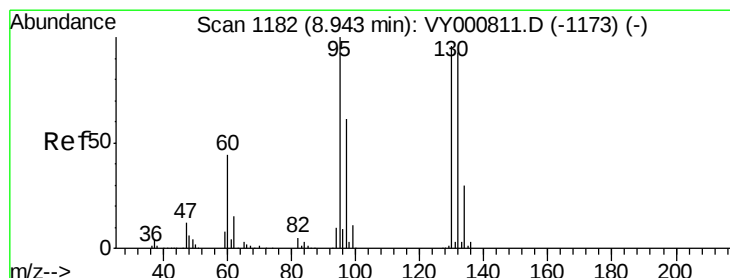
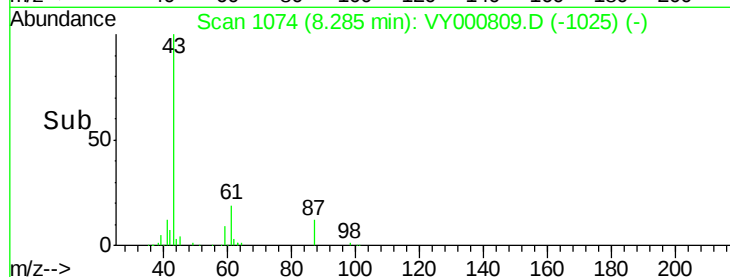
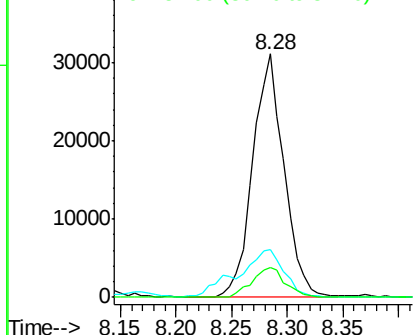
#43
Isopropyl Acetate
Concen: 10.343 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 61042
Ion Ratio Lower Upper
43 100
61 28.8 23.7 35.5
87 12.9 10.6 15.8

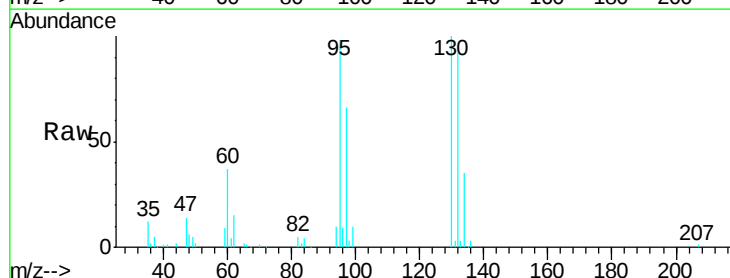


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

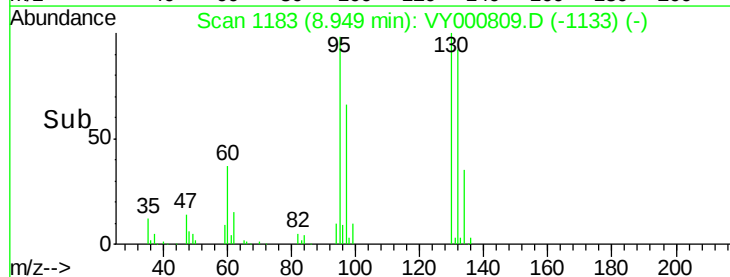
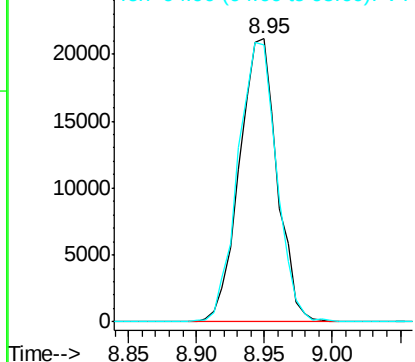


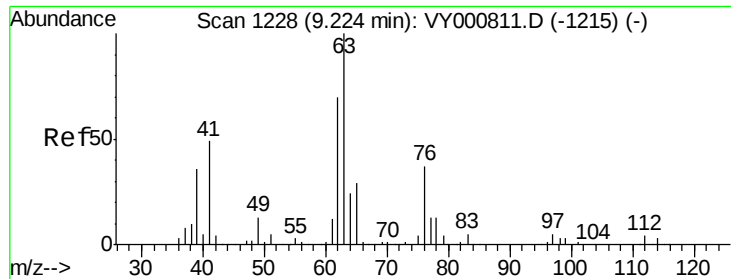
#44
Trichloroethene
Concen: 10.124 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 130 Resp: 40968
Ion Ratio Lower Upper
130 100
95 98.1 0.0 207.8



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

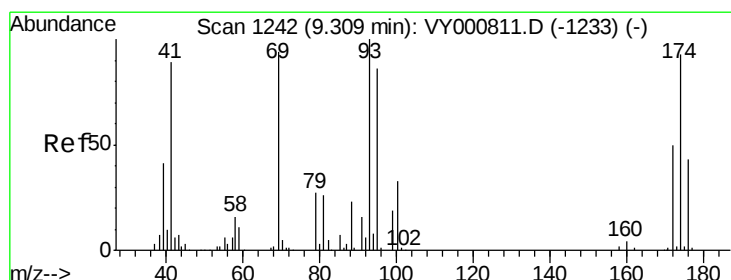
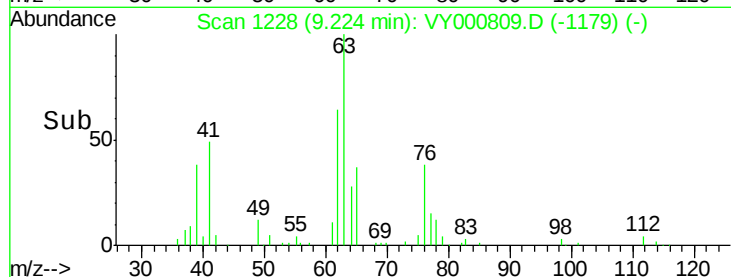
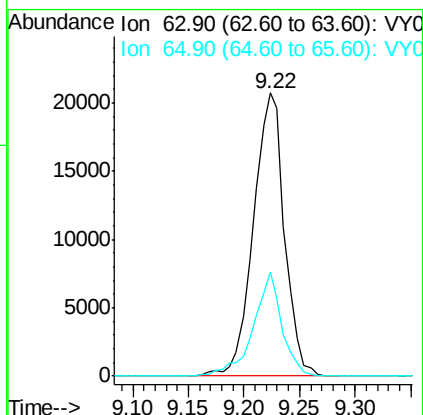
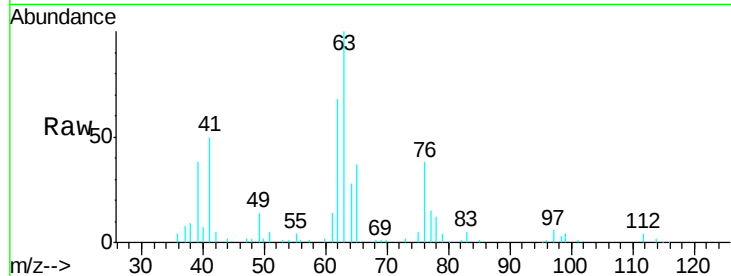




#45
 1,2-Dichloropropane
 Concen: 10.569 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

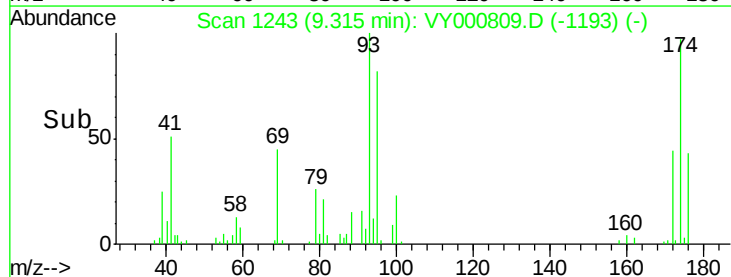
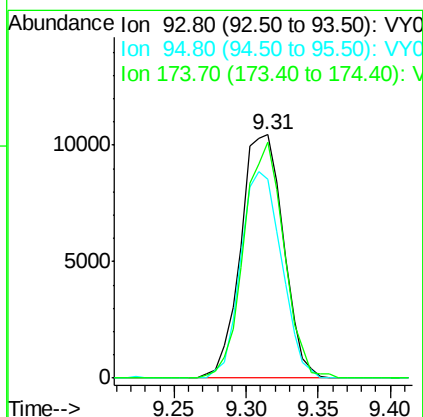
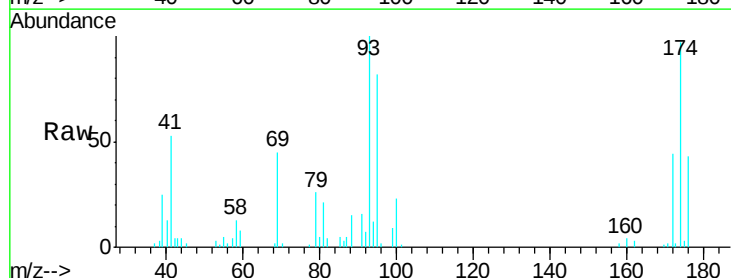
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

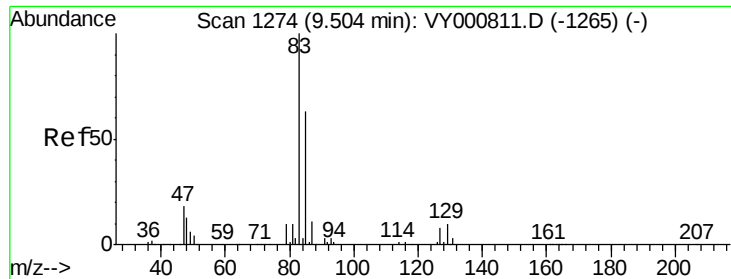
Tgt Ion: 63 Resp: 40341
 Ion Ratio Lower Upper
 63 100
 65 36.9 23.2 34.8#



#46
 Dibromomethane
 Concen: 10.291 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion: 93 Resp: 21433
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.4 99.6
 174 90.9 73.0 109.6





#47

Bromodichloromethane

Concen: 10.040 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

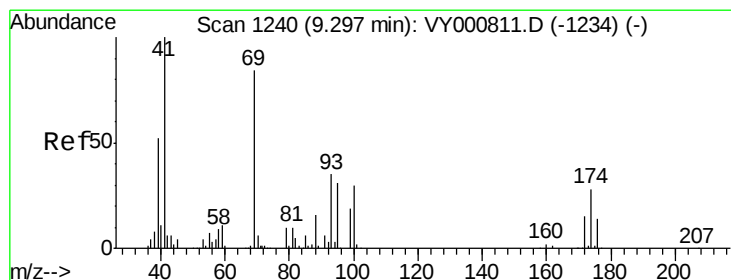
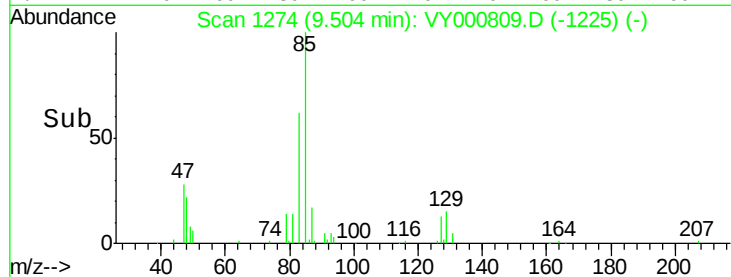
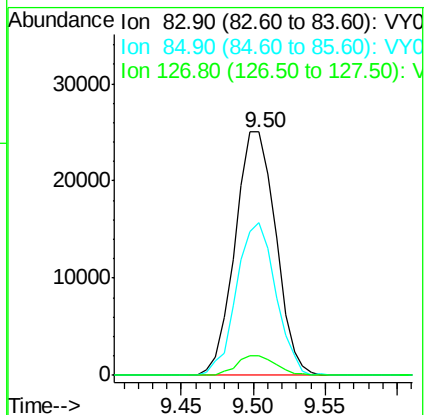
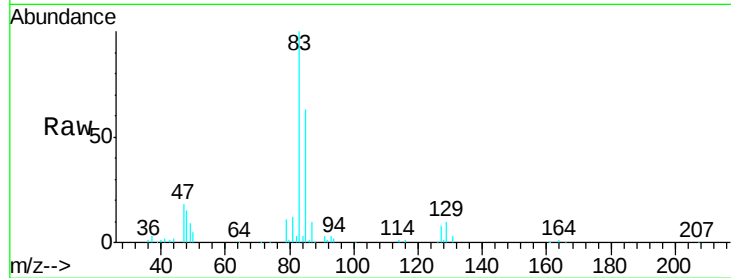
Tgt Ion: 83 Resp: 49313

Ion Ratio Lower Upper

83 100

85 62.9 50.8 76.2

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 10.525 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

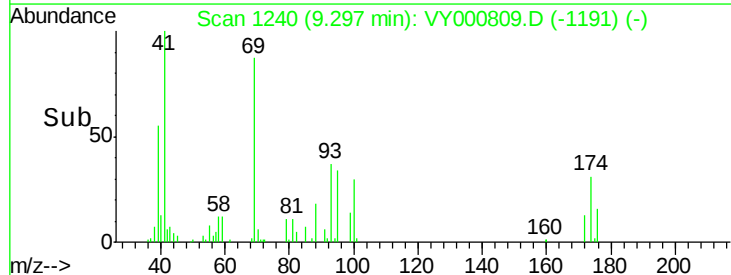
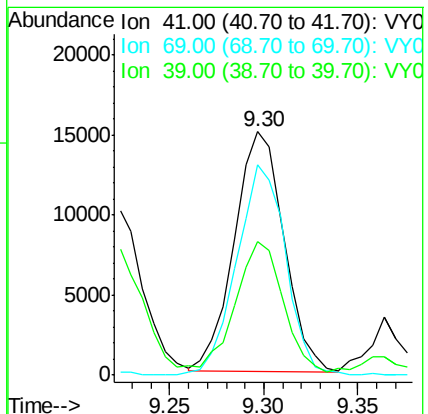
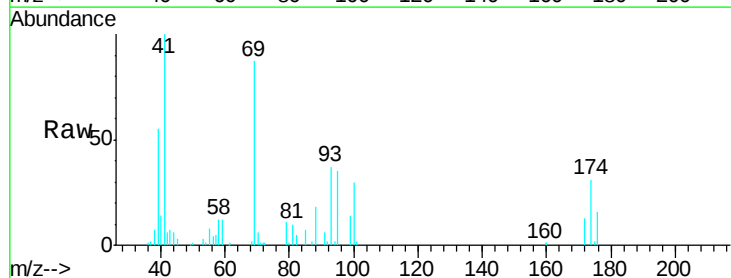
Tgt Ion: 41 Resp: 27379

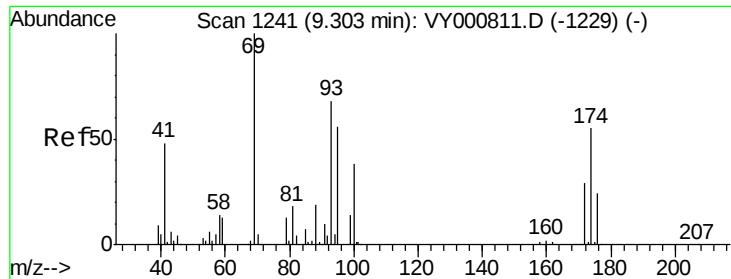
Ion Ratio Lower Upper

41 100

69 86.7 70.4 105.6

39 54.2 40.9 61.3

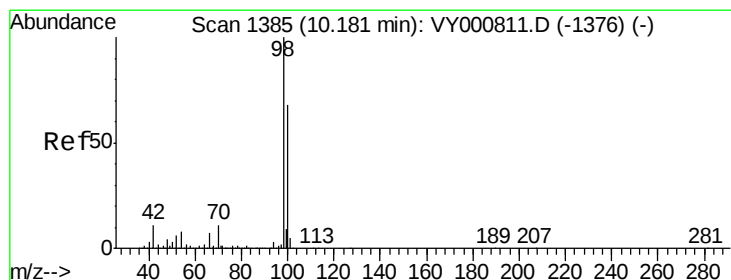
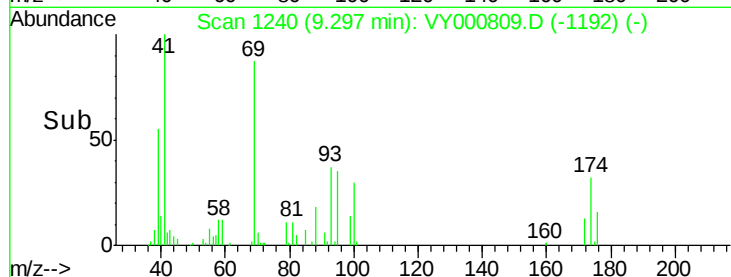
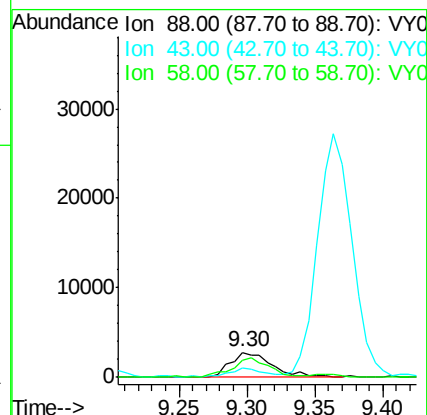
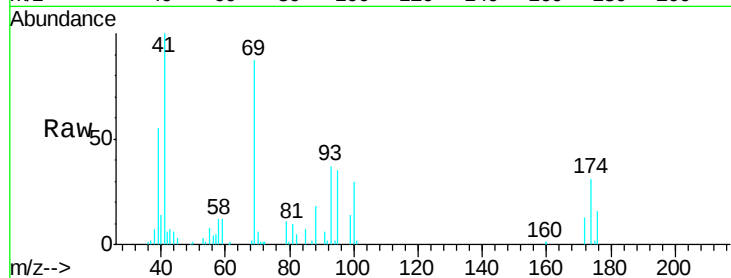




#49
1,4-Dioxane
Concen: 209.156 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

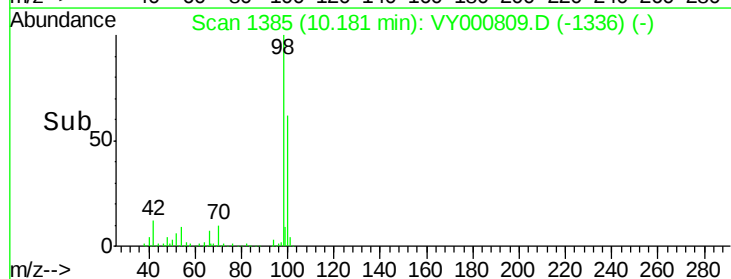
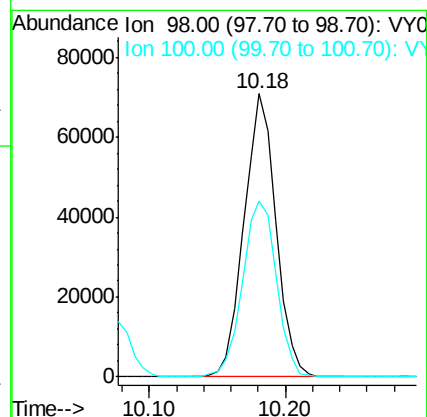
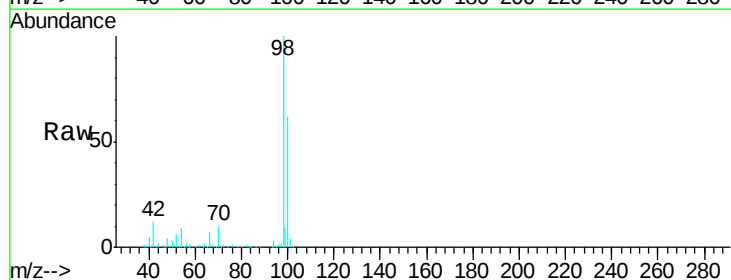
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

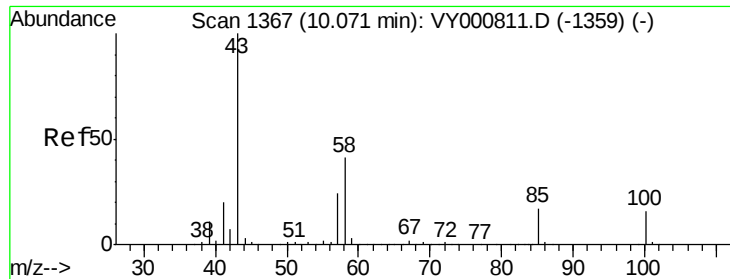
Tgt Ion: 88 Resp: 5968
Ion Ratio Lower Upper
88 100
43 29.1 21.1 31.7
58 69.6 50.7 76.1



#50
Toluene-d8
Concen: 9.583 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 98 Resp: 116080
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 51.705 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

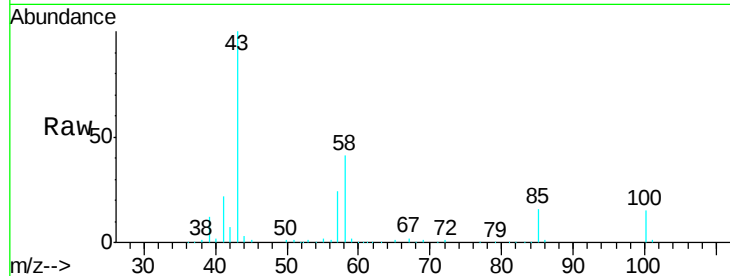
VSTDIC010

Tgt Ion: 43 Resp: 161226

Ion Ratio Lower Upper

43 100

58 39.6 33.1 49.7

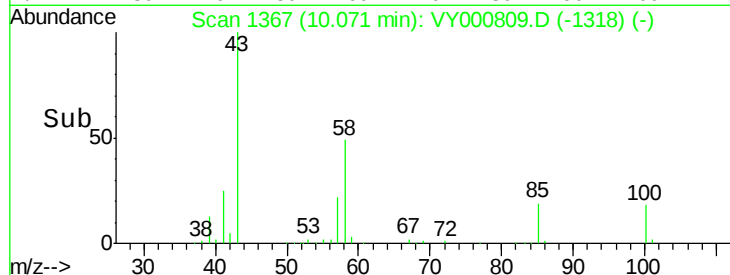


Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

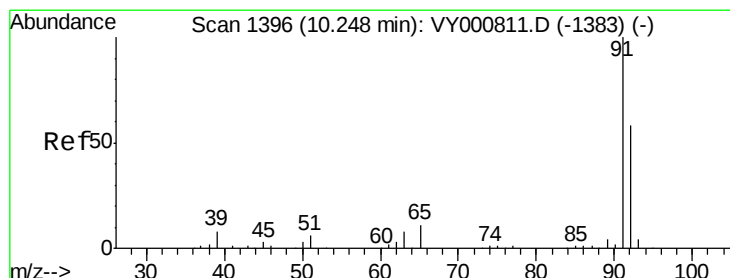
Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

10.00 10.10 10.20



Time-->



#52

Toluene

Concen: 10.216 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000809.D

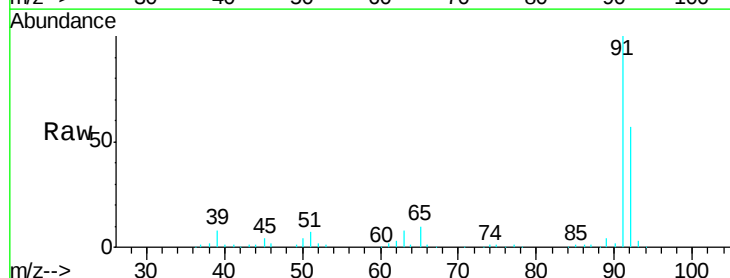
Acq: 27 Nov 2019 10:55

Tgt Ion: 92 Resp: 99267

Ion Ratio Lower Upper

92 100

91 172.7 136.6 204.8

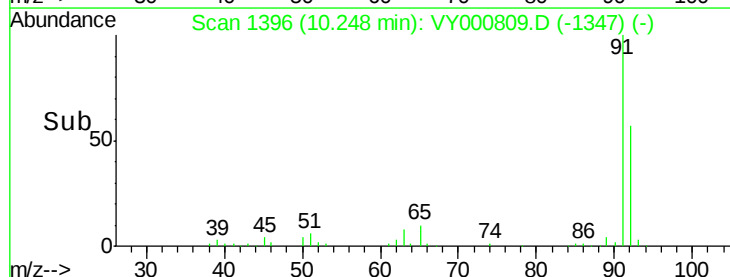


Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

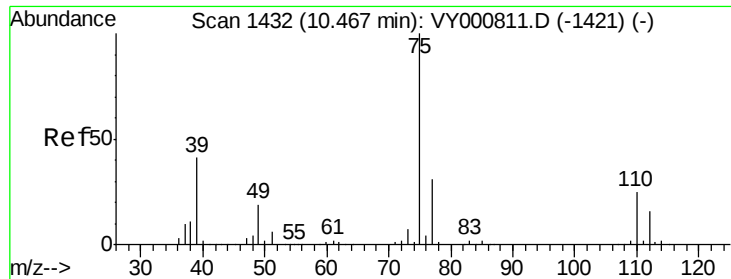
Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.25

10.20 10.30



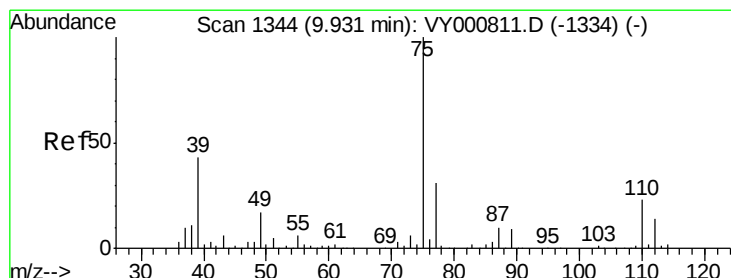
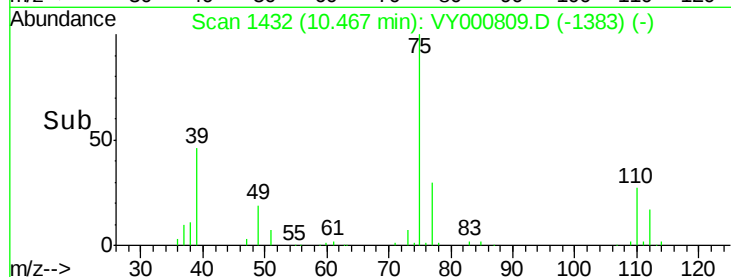
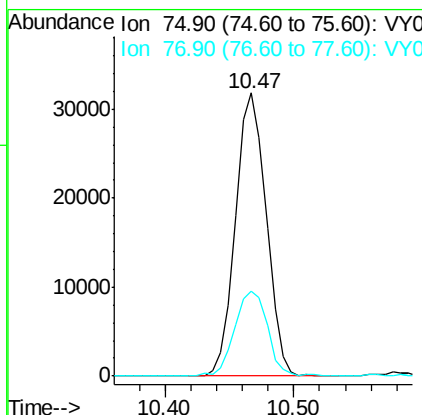
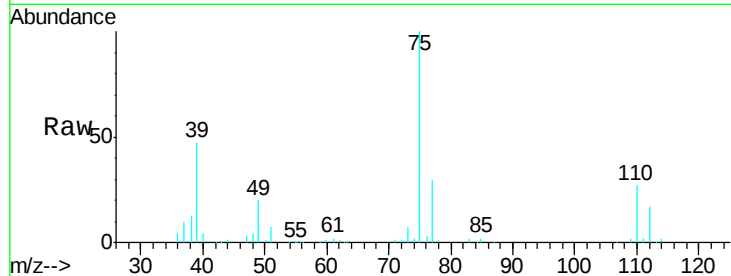
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 10.027 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

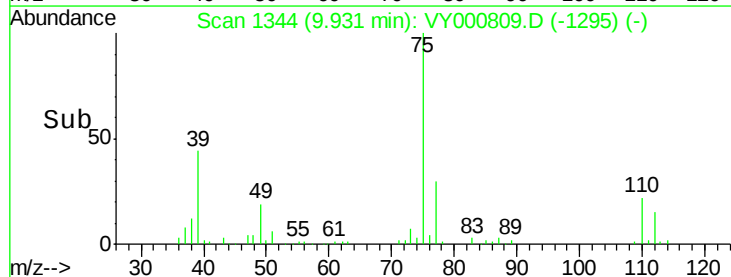
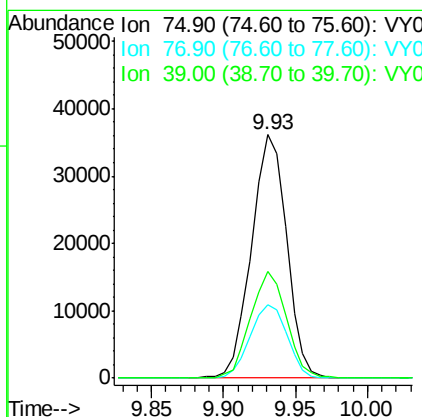
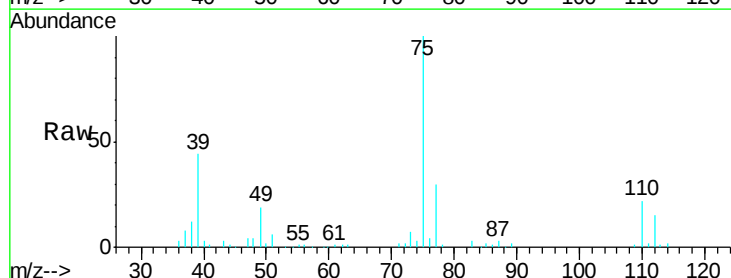
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

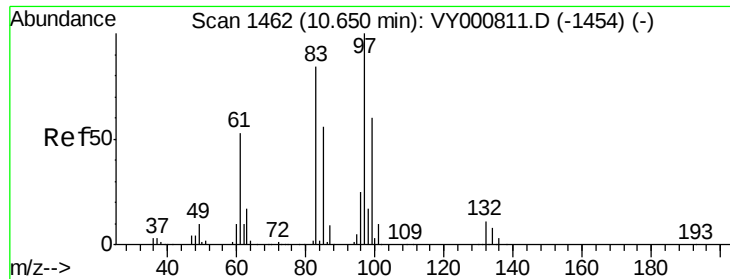
Tgt Ion: 75 Resp: 52770
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 10.083 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion: 75 Resp: 61026
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.7 37.1
 39 43.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 10.410 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tgt Ion: 97 Resp: 31423

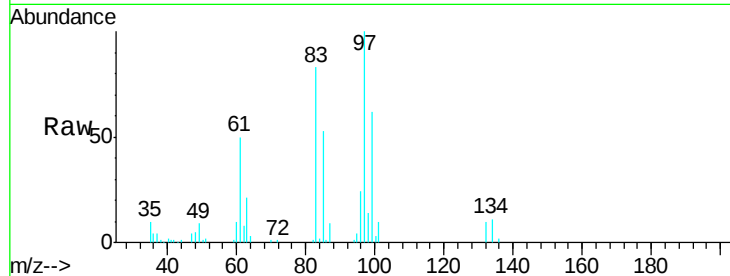
Ion Ratio Lower Upper

97 100

83 83.3 67.5 101.3

85 53.0 44.5 66.7

99 61.5 47.7 71.5



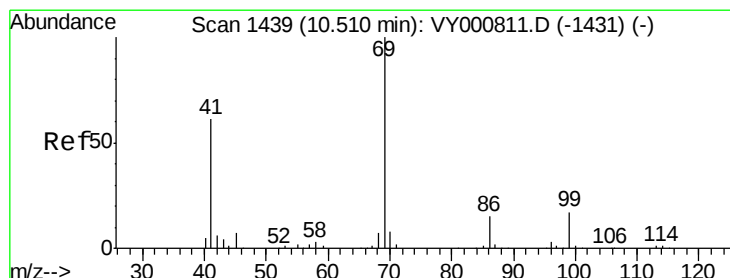
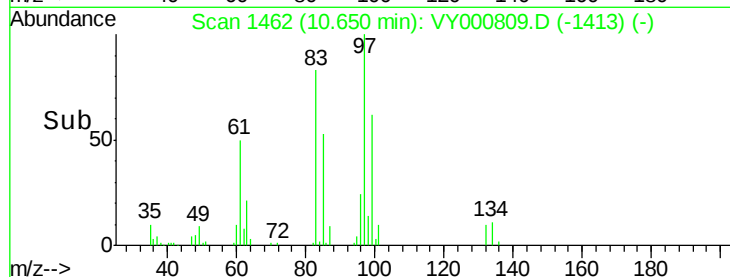
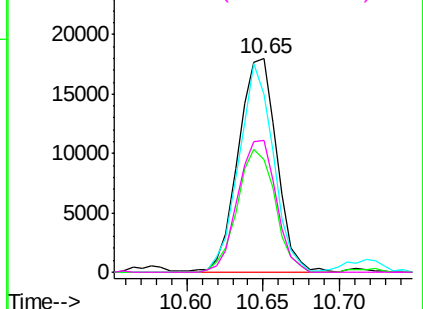
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 9.837 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

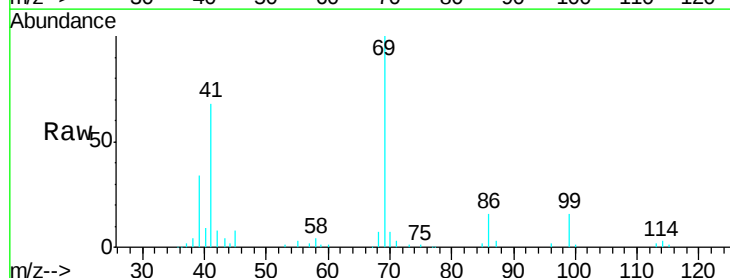
Tgt Ion: 69 Resp: 42326

Ion Ratio Lower Upper

69 100

41 68.2 49.0 73.6

39 32.2 23.1 34.7

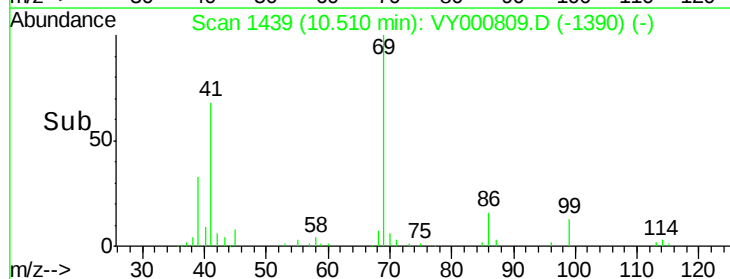
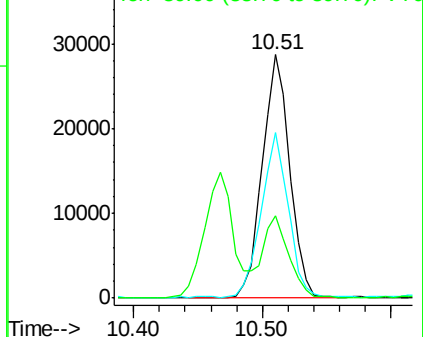


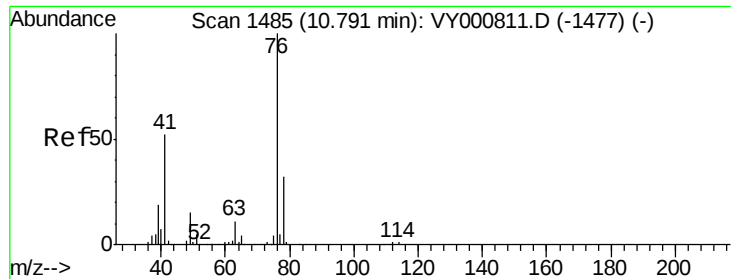
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

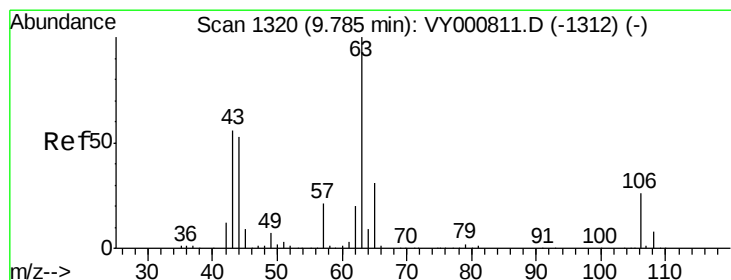
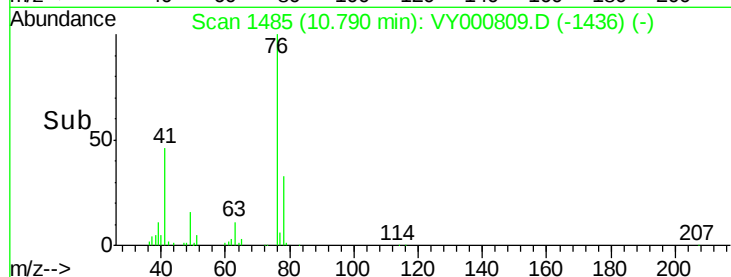
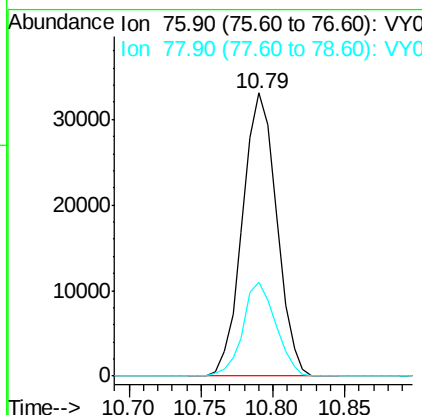
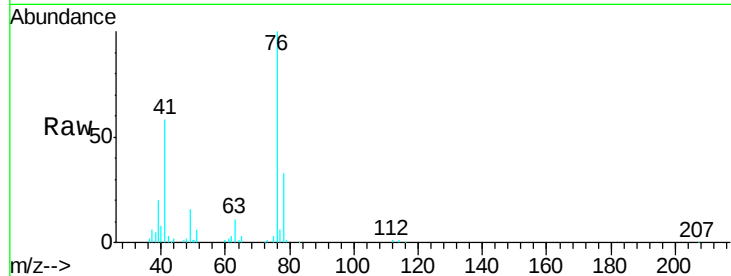




#57
 1,3-Dichloropropane
 Concen: 10.322 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

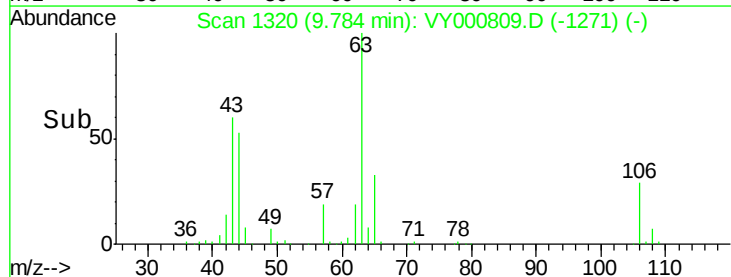
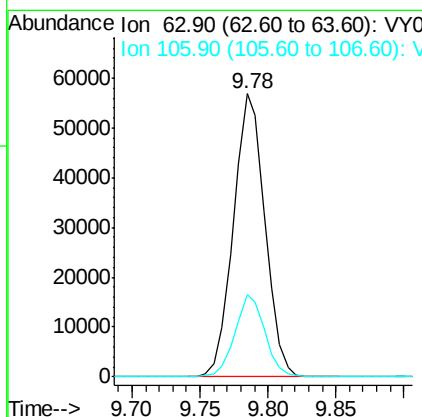
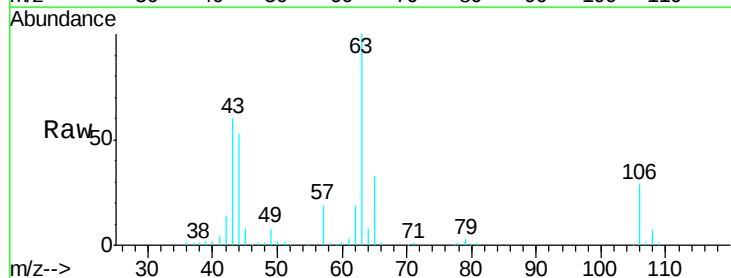
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

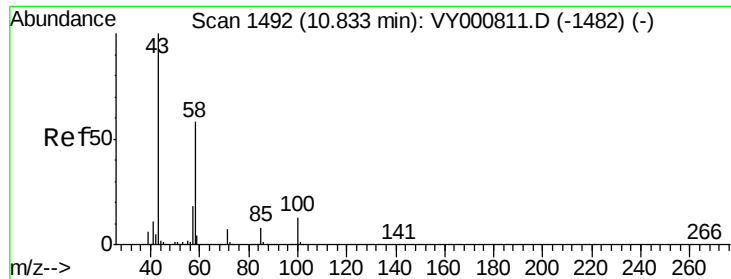
Tgt Ion: 76 Resp: 54485
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.085 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion: 63 Resp: 91602
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.5 32.3

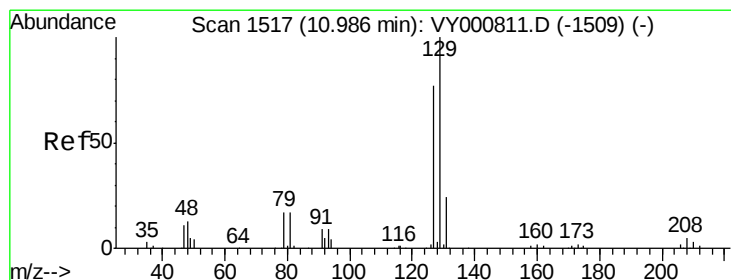
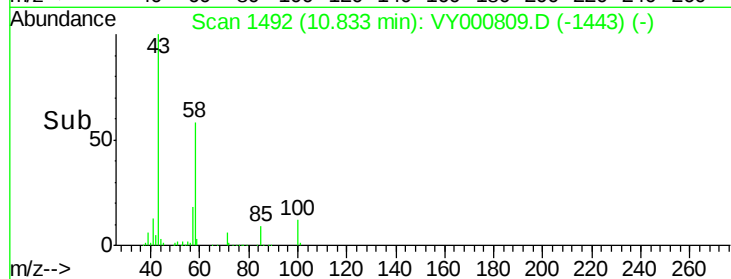
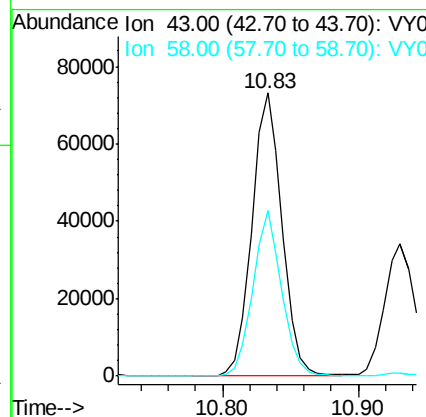
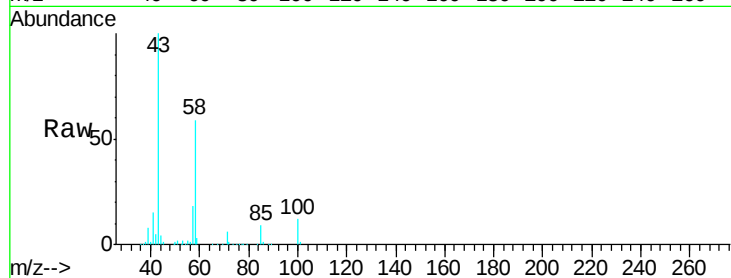




#59
2-Hexanone
Concen: 49.559 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

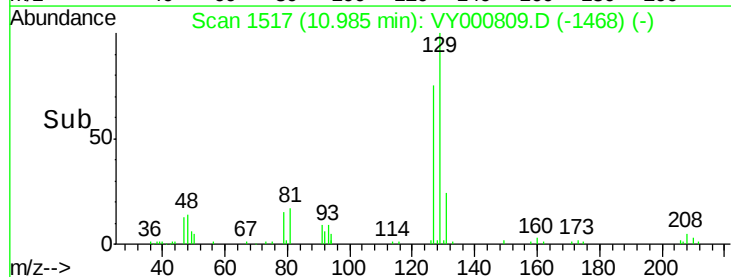
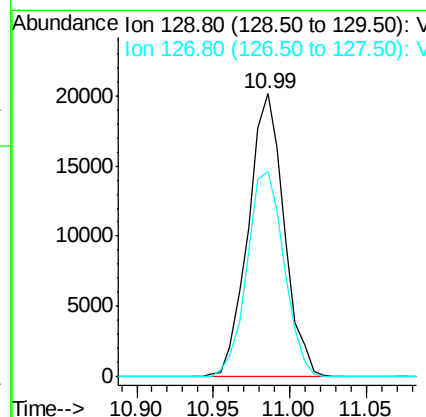
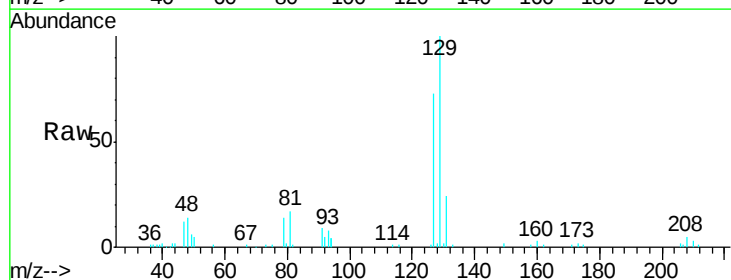
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

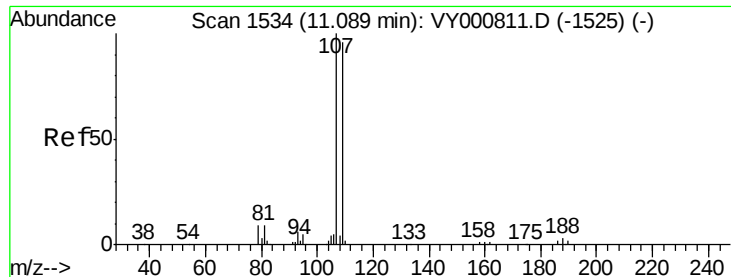
Tgt Ion: 43 Resp: 113150
Ion Ratio Lower Upper
43 100
58 56.1 29.0 87.1



#60
Dibromochloromethane
Concen: 9.579 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 129 Resp: 32778
Ion Ratio Lower Upper
129 100
127 75.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 9.837 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

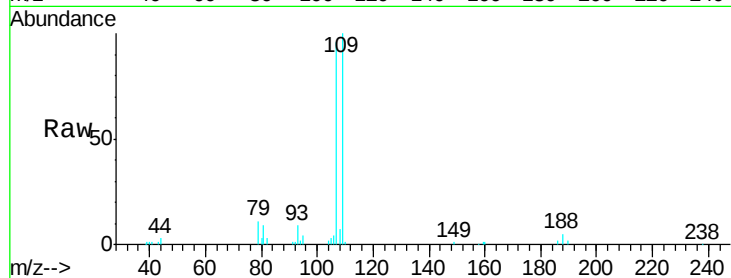
VSTDIC010

Tgt Ion: 107 Resp: 28474

Ion Ratio Lower Upper

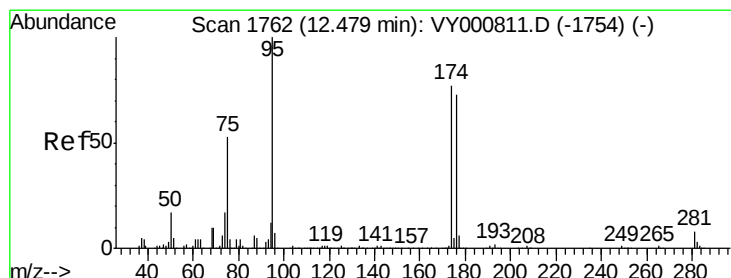
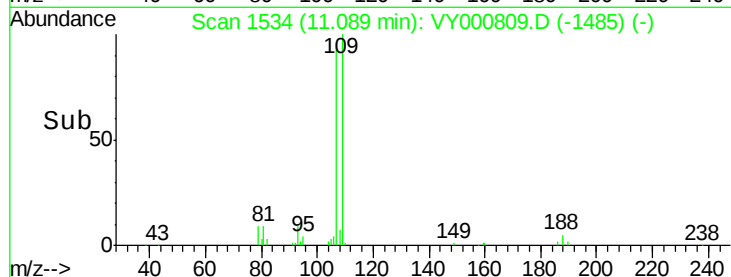
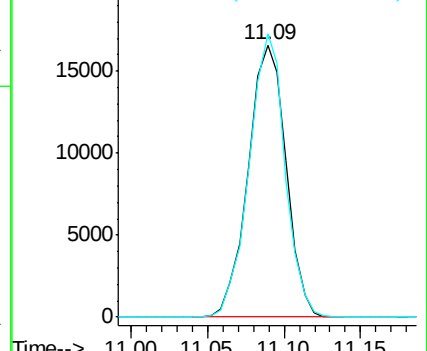
107 100

109 99.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.661 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

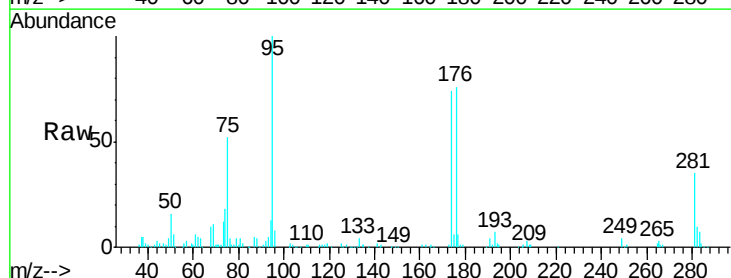
Tgt Ion: 95 Resp: 49021

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

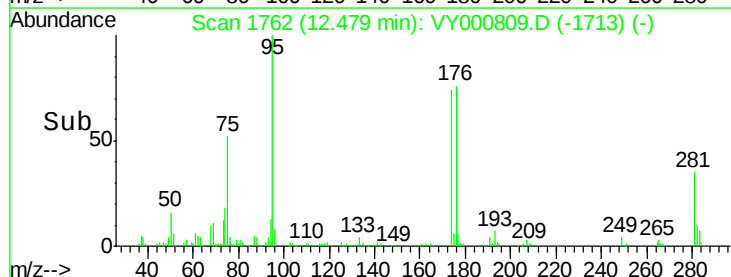
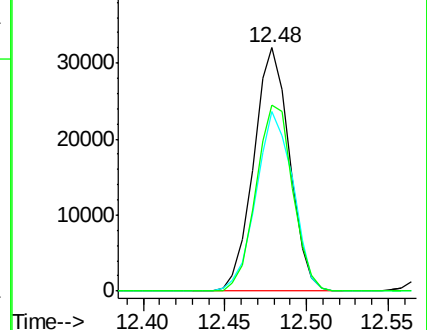
176 78.1 0.0 145.2

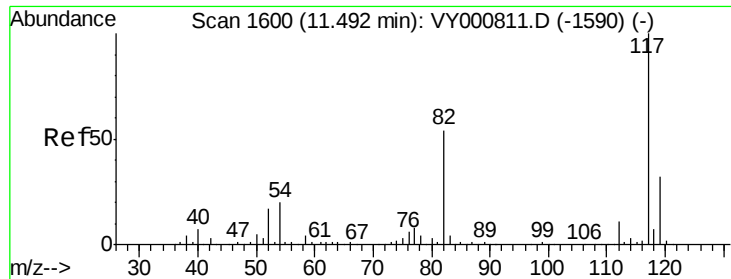


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

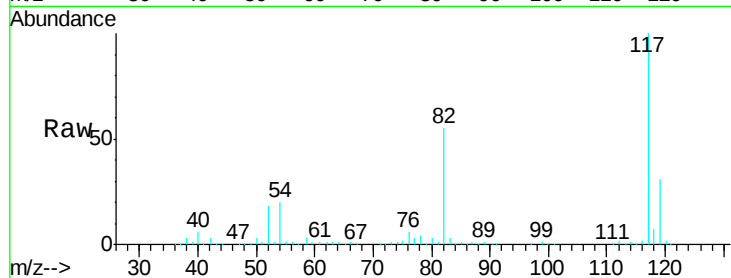




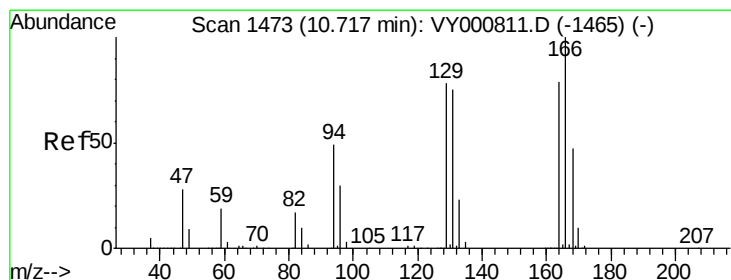
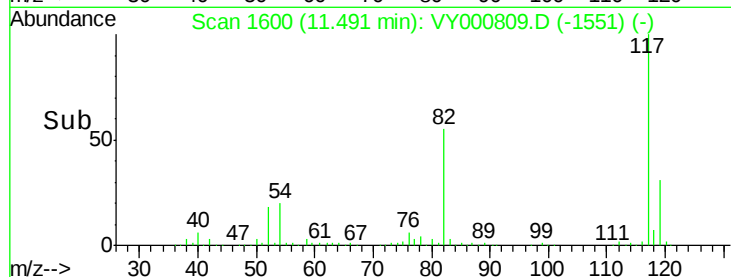
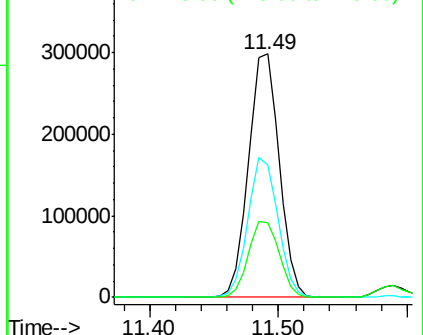
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 489629
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 30.7 25.3 37.9

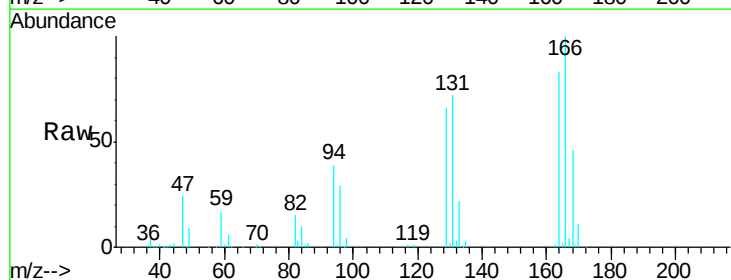


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

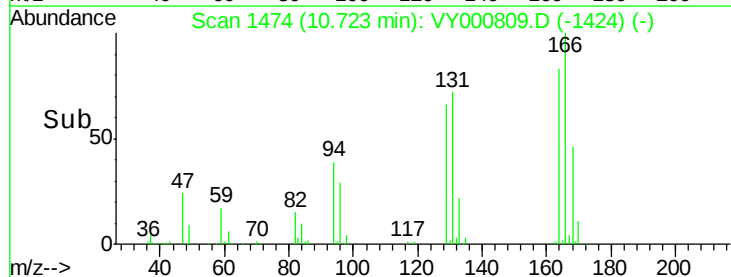
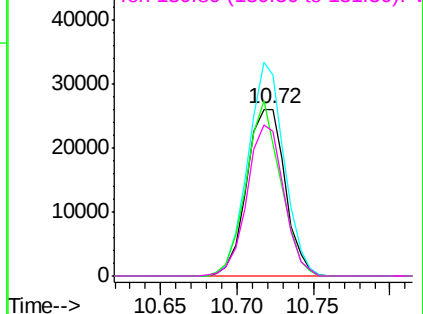


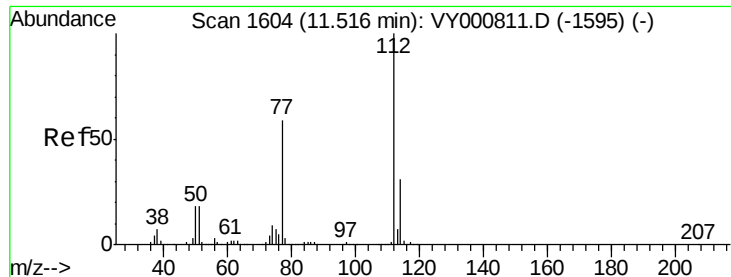
#64
Tetrachloroethene
Concen: 11.123 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion:164 Resp: 45544
Ion Ratio Lower Upper
164 100
166 120.6 101.8 152.8
129 79.4 79.3 118.9
131 86.7 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

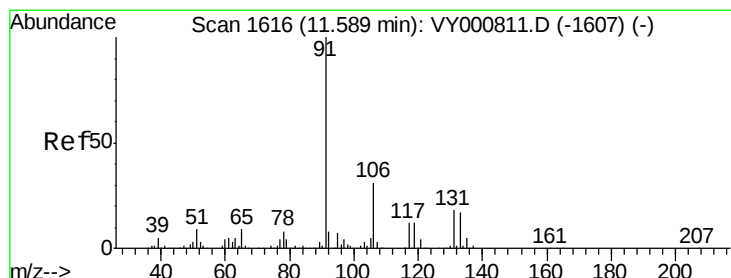
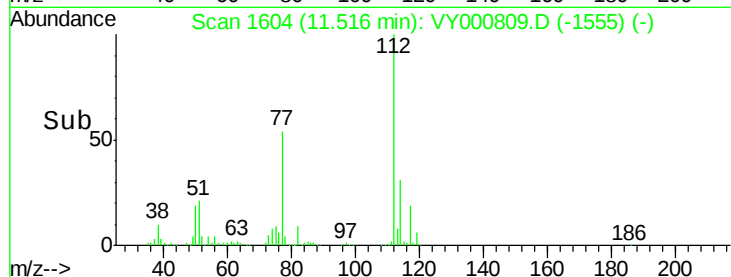
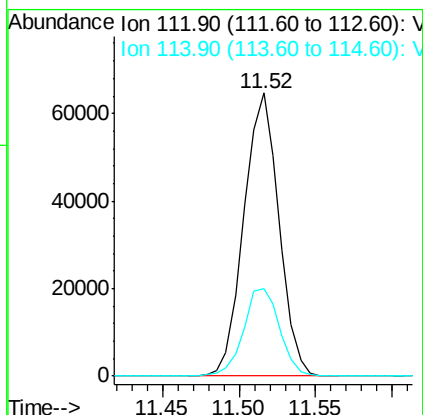
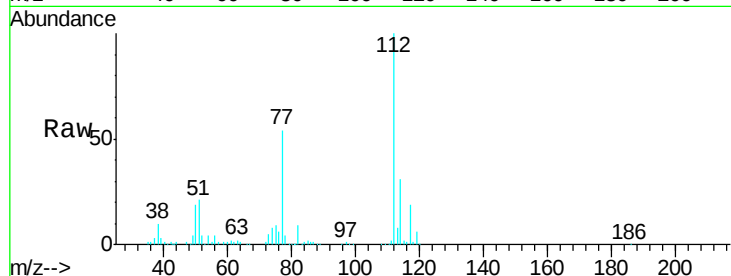




#65
Chlorobenzene
Concen: 10.252 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

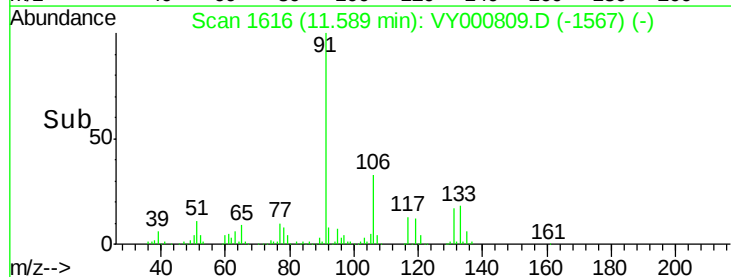
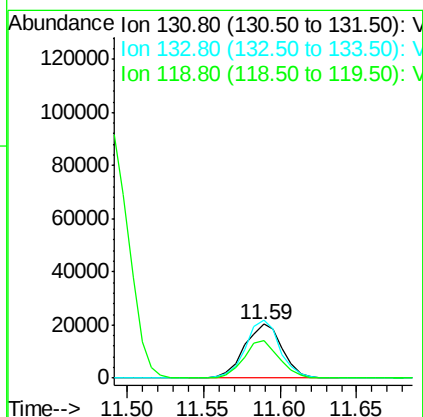
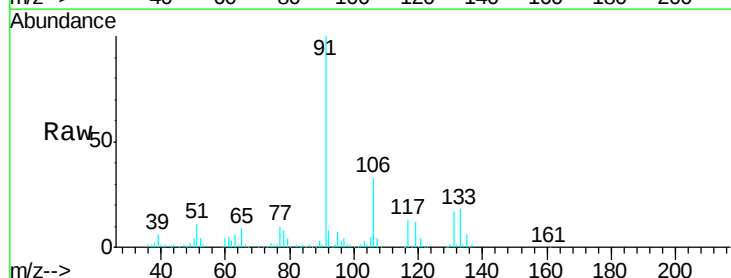
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

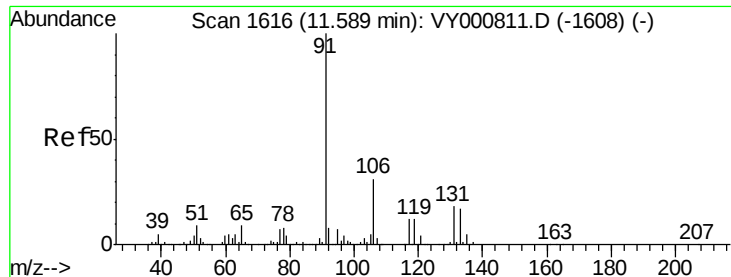
Tgt Ion:112 Resp: 102992
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.074 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion:131 Resp: 34818
Ion Ratio Lower Upper
131 100
133 98.3 47.4 142.2
119 64.6 33.8 101.3

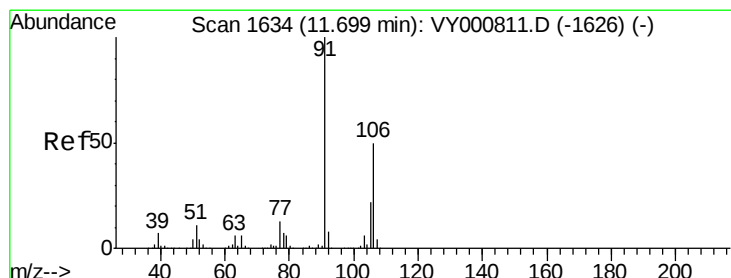
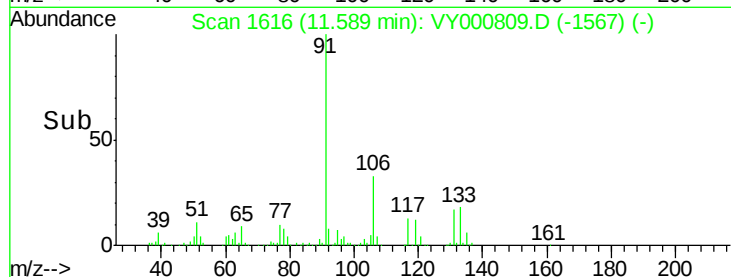
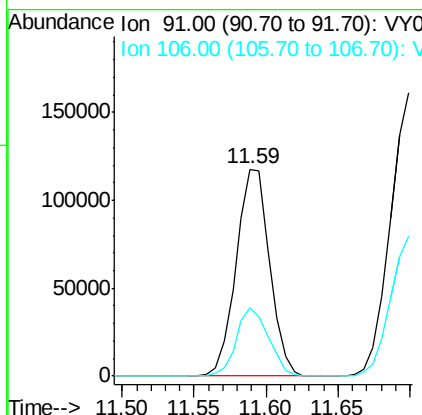
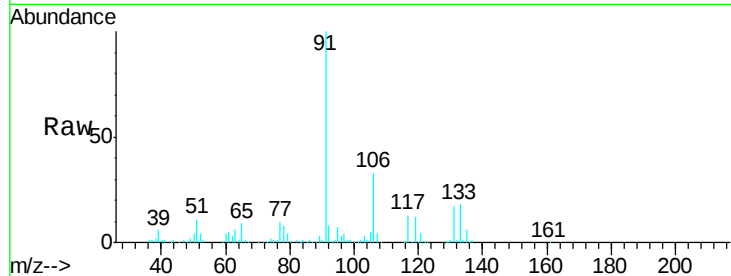




#67
Ethyl Benzene
Concen: 10.297 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

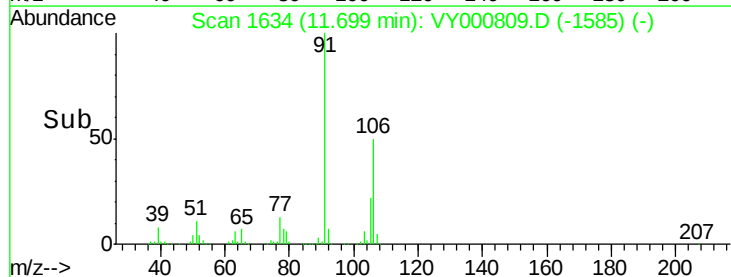
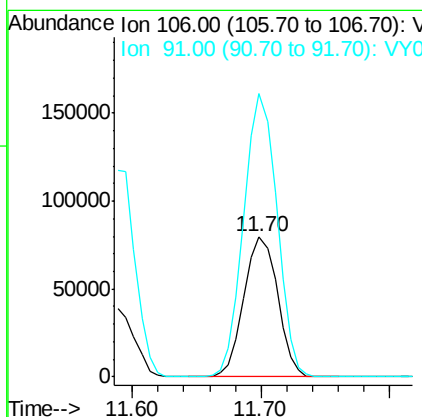
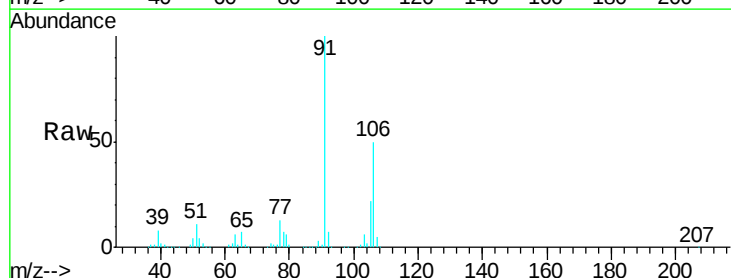
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

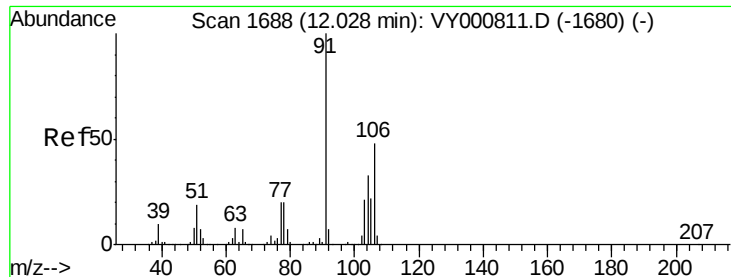
Tgt Ion: 91 Resp: 189862
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6



#68
m/p-Xylenes
Concen: 20.465 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 106 Resp: 145025
Ion Ratio Lower Upper
106 100
91 199.2 159.6 239.4

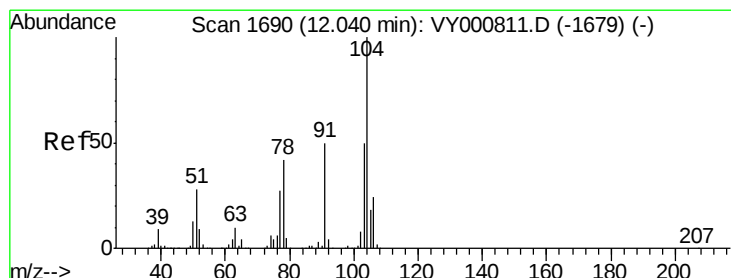
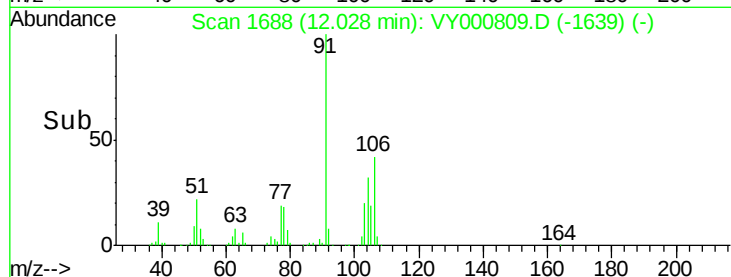
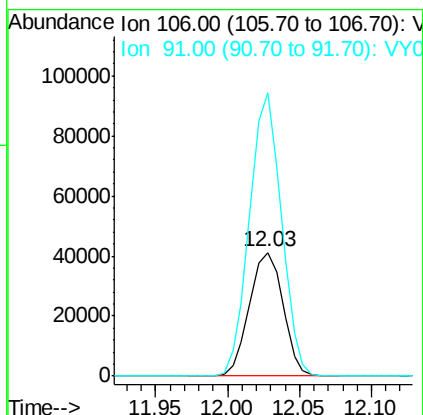
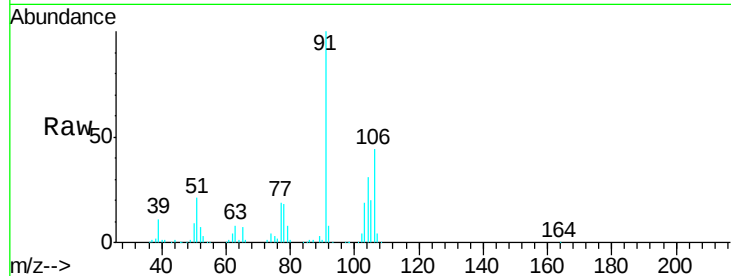




#69
o-Xylene
Concen: 9.953 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

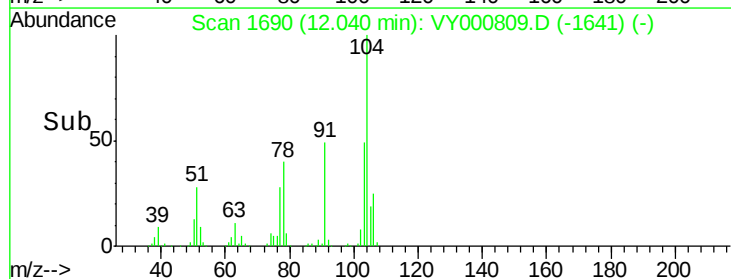
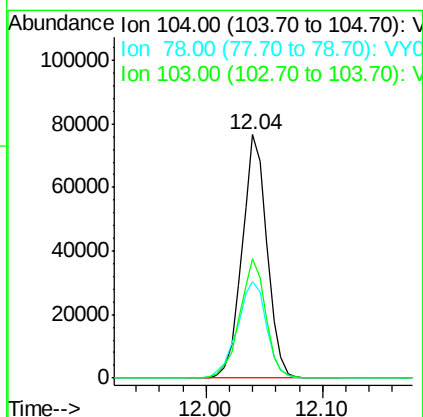
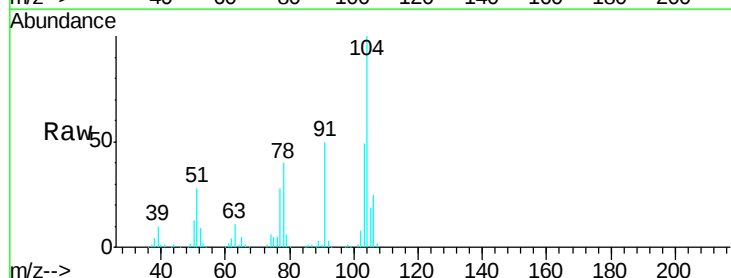
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

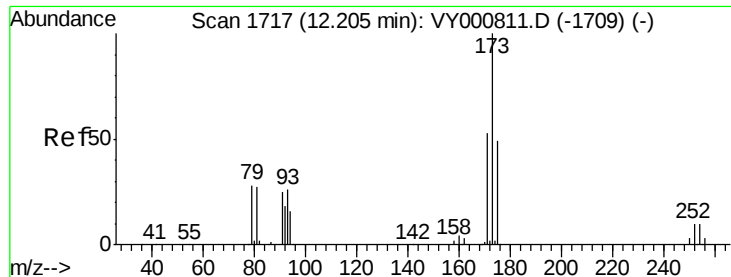
Tgt Ion:106 Resp: 66611
Ion Ratio Lower Upper
106 100
91 217.4 106.1 318.1



#70
Styrene
Concen: 9.979 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion:104 Resp: 114114
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.4
103 51.0 43.4 65.0





#71

Bromoform

Concen: 9.181 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

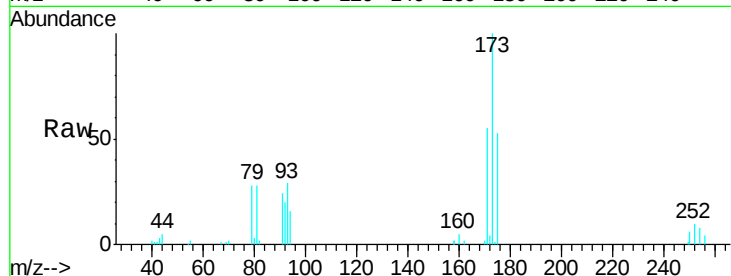
Tgt Ion:173 Resp: 18271

Ion Ratio Lower Upper

173 100

175 50.2 24.5 73.5

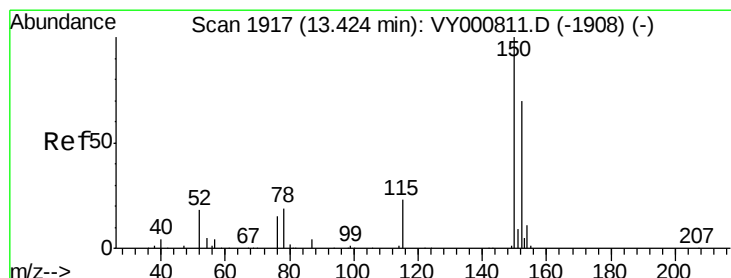
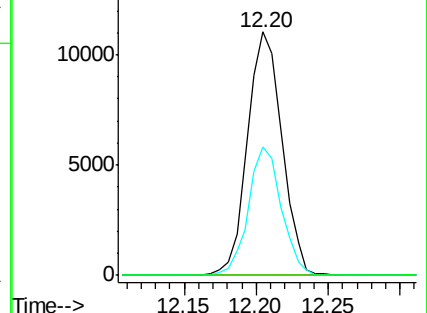
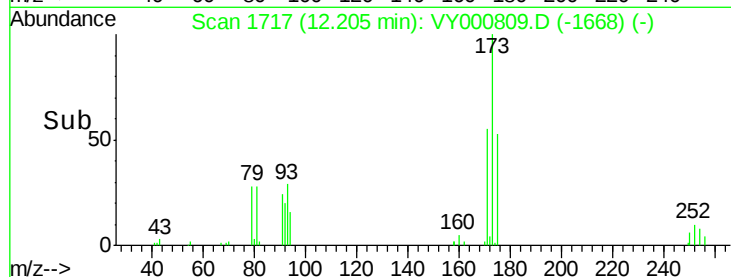
254 0.0 0.0 0.0



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: VY000809.D

Acq: 27 Nov 2019 10:55

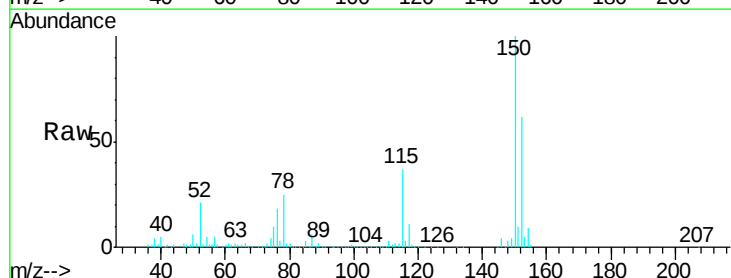
Tgt Ion:152 Resp: 223605

Ion Ratio Lower Upper

152 100

115 61.3 29.3 87.8

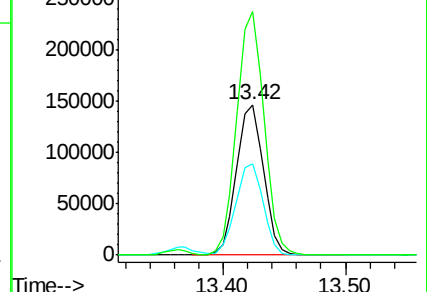
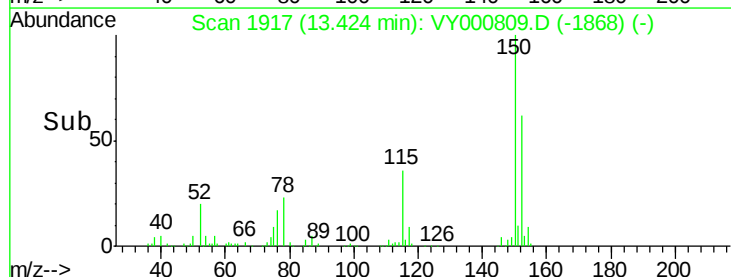
150 163.8 0.0 351.2

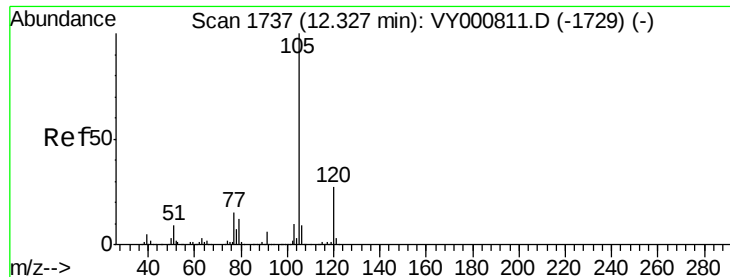


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.744 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

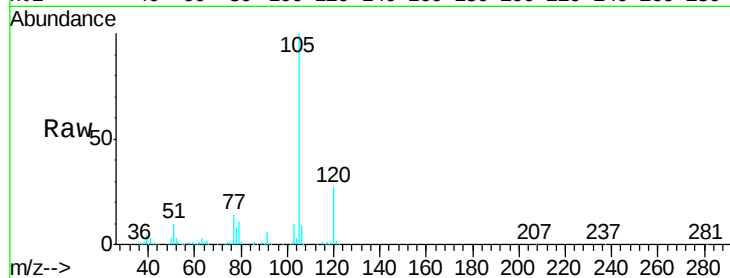
VSTDIC010

Tgt Ion:105 Resp: 180948

Ion Ratio Lower Upper

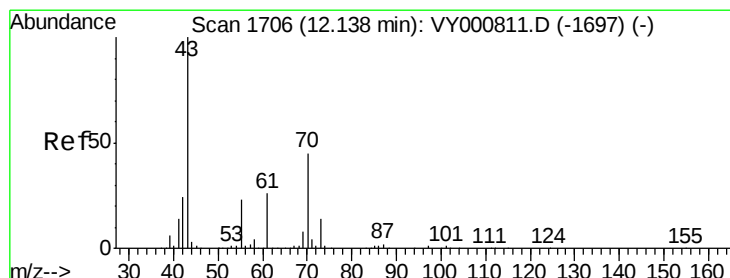
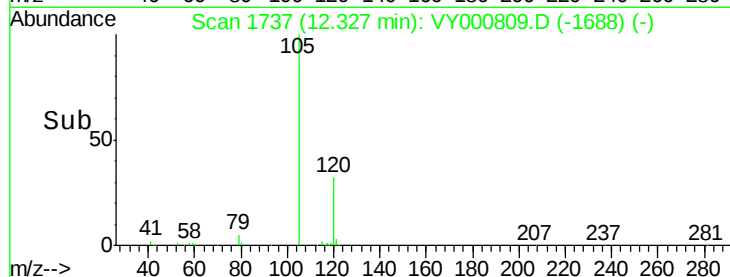
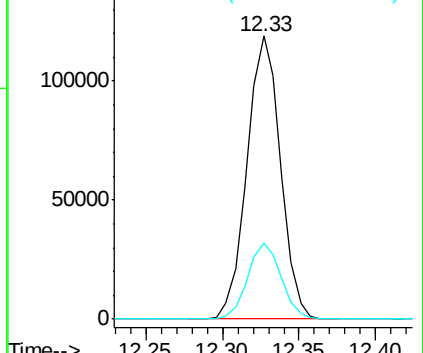
105 100

120 26.7 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: 10.443 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Tgt Ion: 43 Resp: 50390

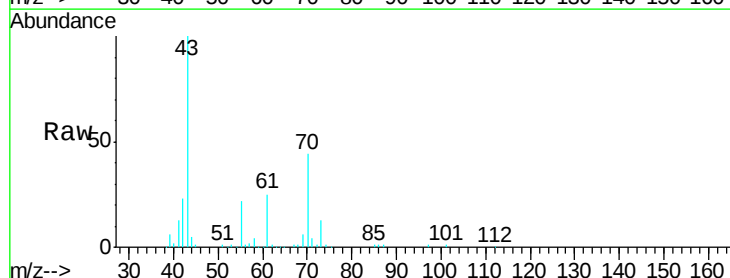
Ion Ratio Lower Upper

43 100

70 44.4 36.6 54.8

55 22.0 18.8 28.2

61 26.1 21.0 31.6

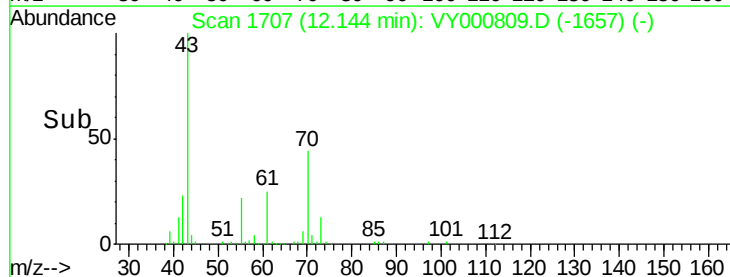
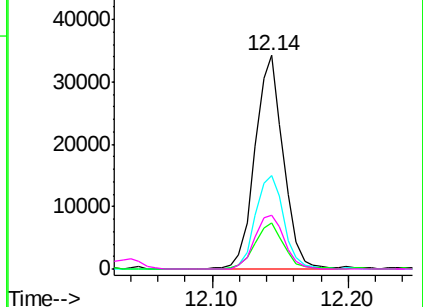


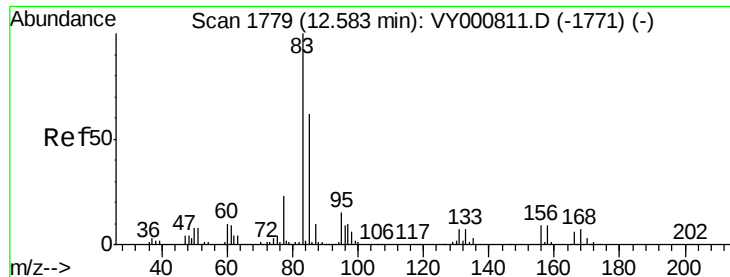
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 10.397 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

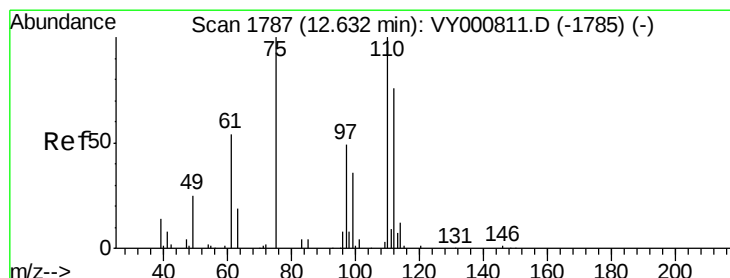
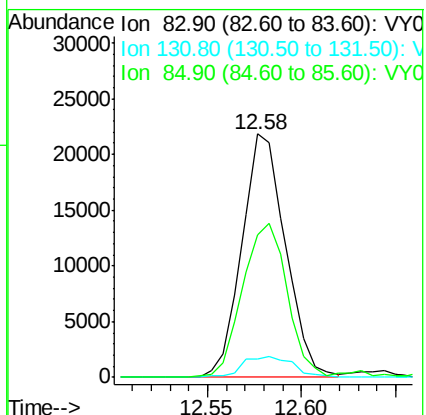
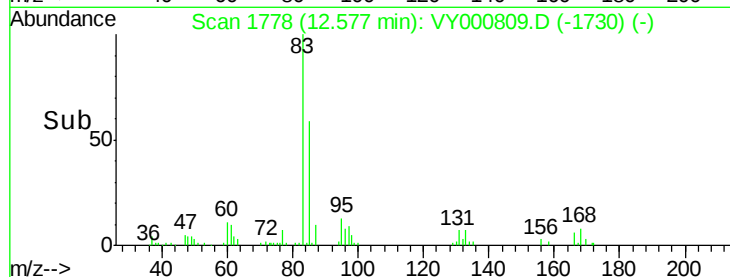
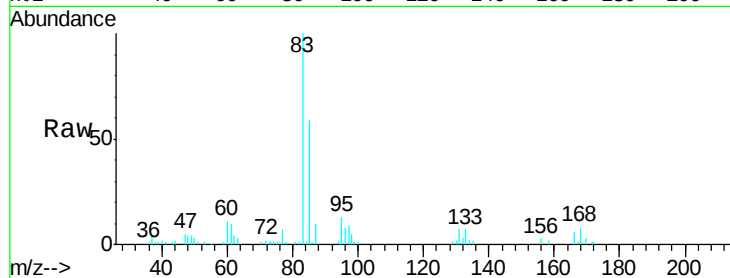
Tgt Ion: 83 Resp: 35079

Ion Ratio Lower Upper

83 100

131 10.0 4.3 13.1

85 65.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 19.260 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000809.D

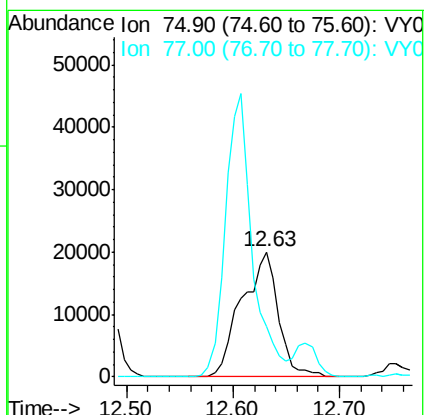
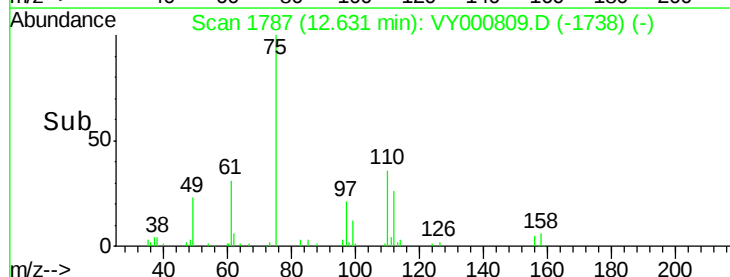
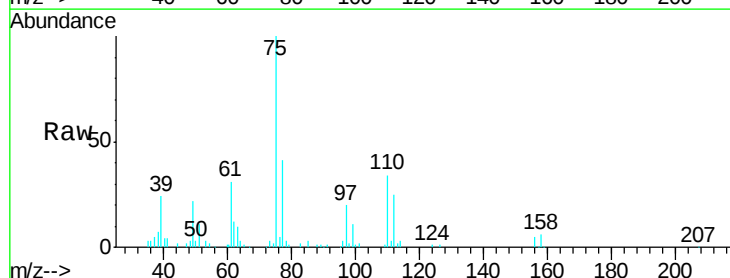
Acq: 27 Nov 2019 10:55

Tgt Ion: 75 Resp: 48380

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.206 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

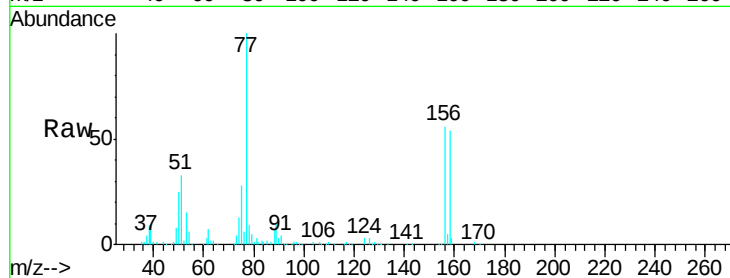
Tgt Ion:156 Resp: 38867

Ion Ratio Lower Upper

156 100

77 206.6 102.6 307.7

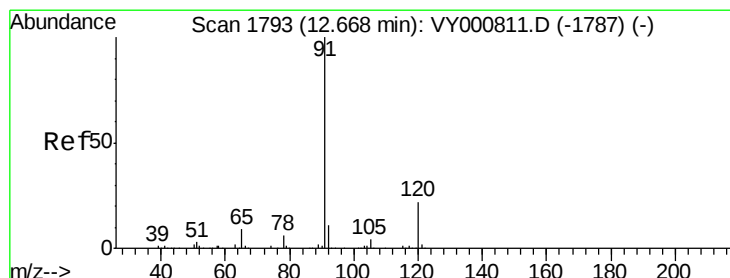
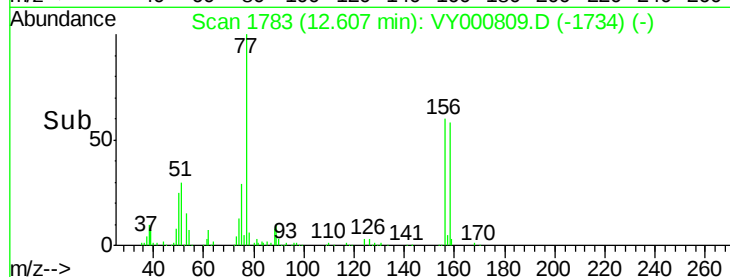
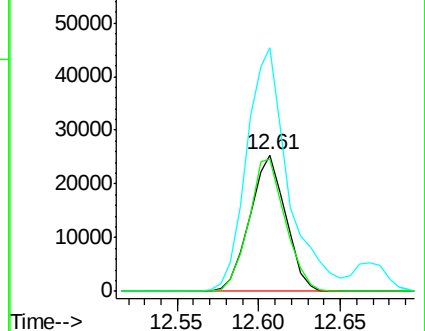
158 99.0 47.6 142.8



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: 10.790 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000809.D

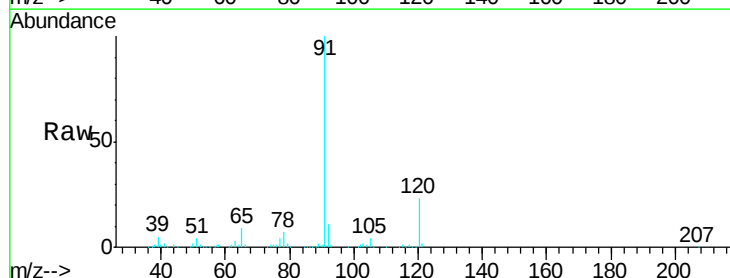
Acq: 27 Nov 2019 10:55

Tgt Ion: 91 Resp: 219586

Ion Ratio Lower Upper

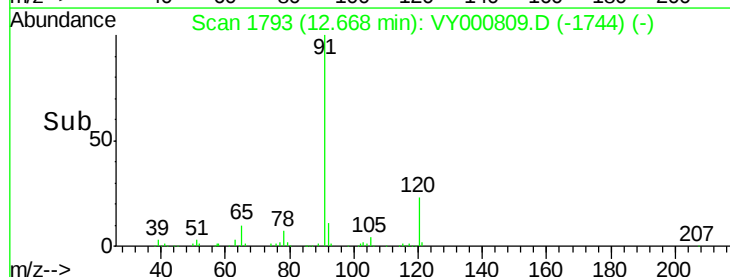
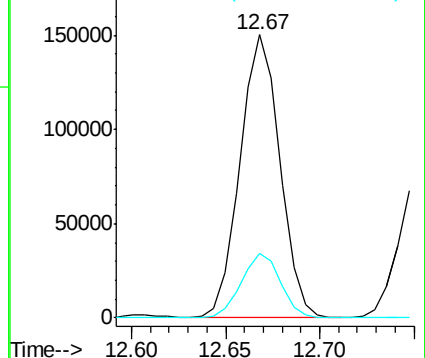
91 100

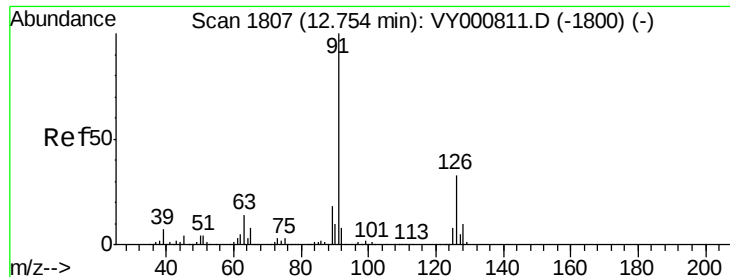
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.613 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

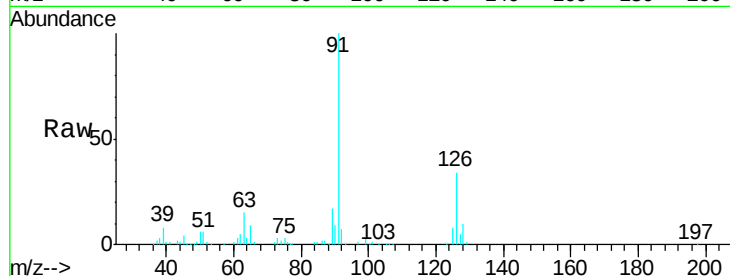
VSTDIC010

Tgt Ion: 91 Resp: 119866

Ion Ratio Lower Upper

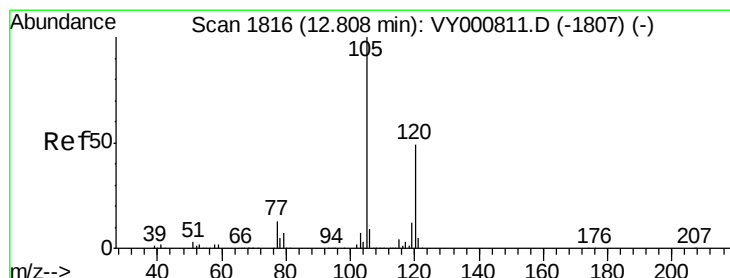
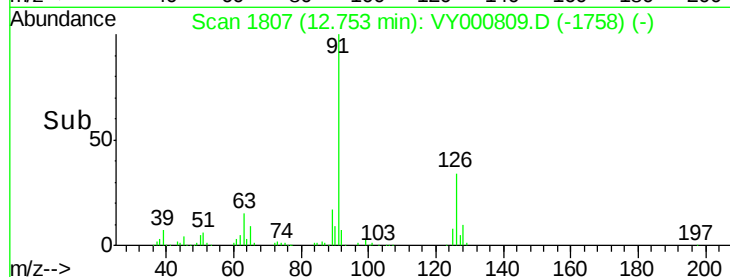
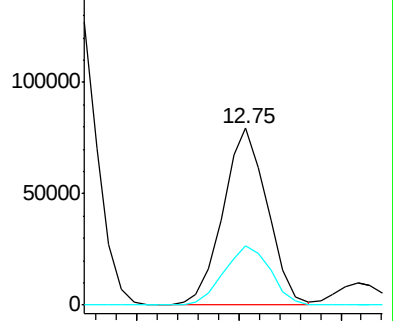
91 100

126 35.3 17.0 51.0



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

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.745 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000809.D

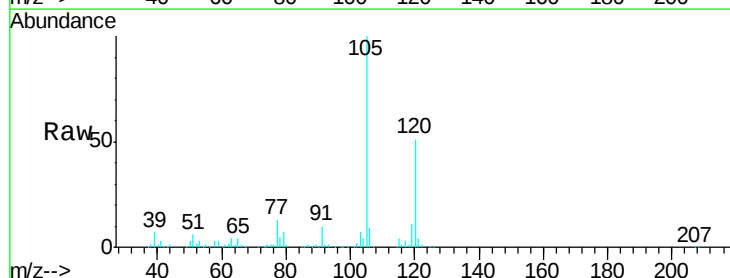
Acq: 27 Nov 2019 10:55

Tgt Ion: 105 Resp: 150258

Ion Ratio Lower Upper

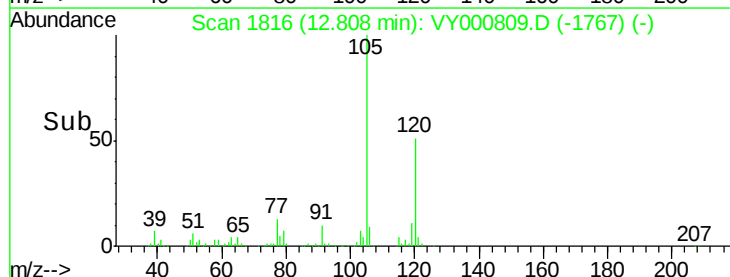
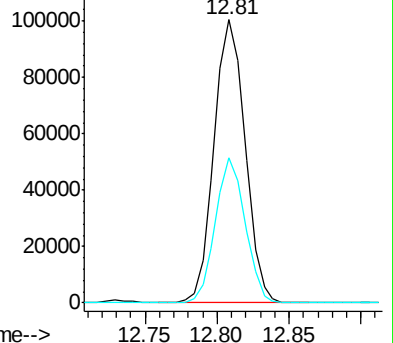
105 100

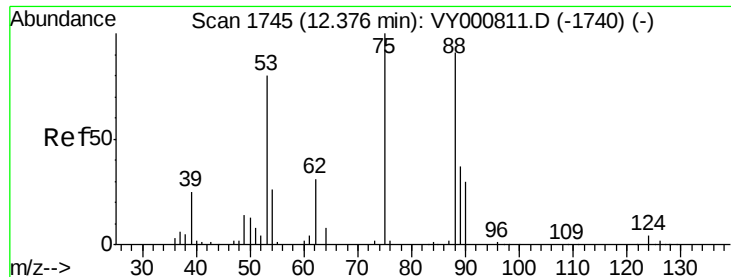
120 49.2 24.6 74.0



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

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.949 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

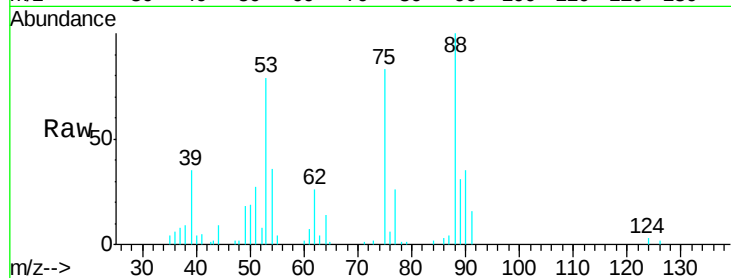
Tgt Ion: 75 Resp: 11812

Ion Ratio Lower Upper

75 100

53 93.4 64.6 96.8

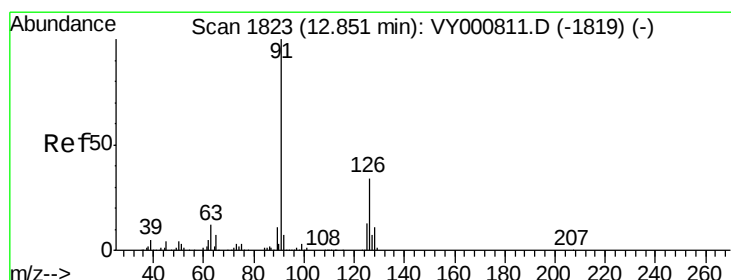
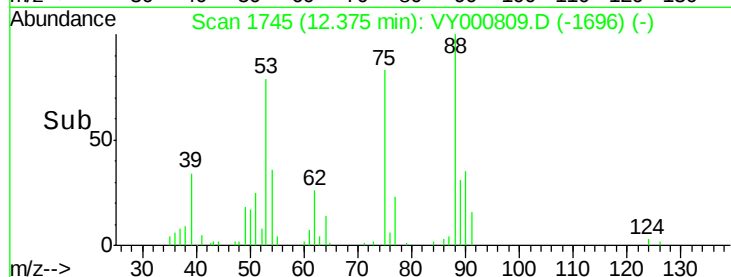
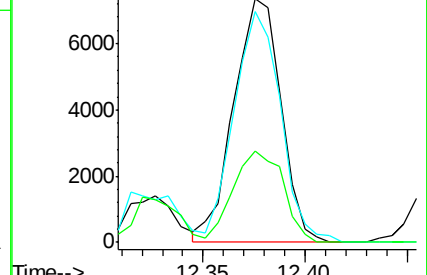
89 39.6 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1740) (-)

Ion 53.00 (52.70 to 53.70): VY000811.D (-1740) (-)

Ion 88.90 (88.60 to 89.60): VY000811.D (-1740) (-)



#82

4-Chlorotoluene

Concen: 10.690 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000809.D

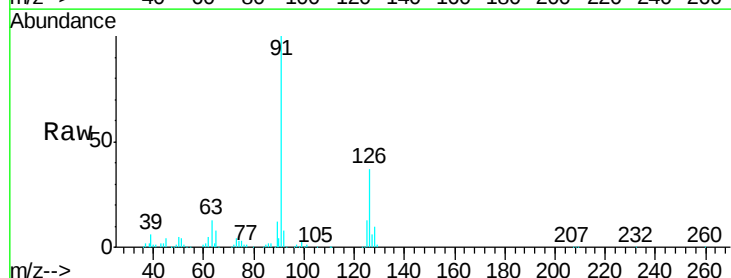
Acq: 27 Nov 2019 10:55

Tgt Ion: 91 Resp: 124628

Ion Ratio Lower Upper

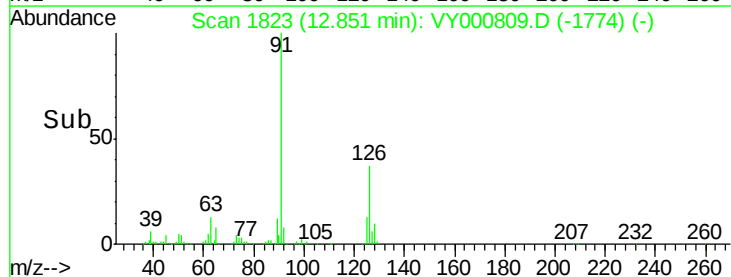
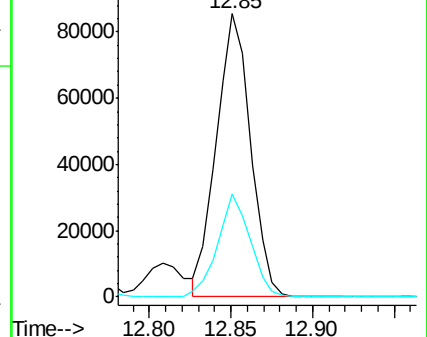
91 100

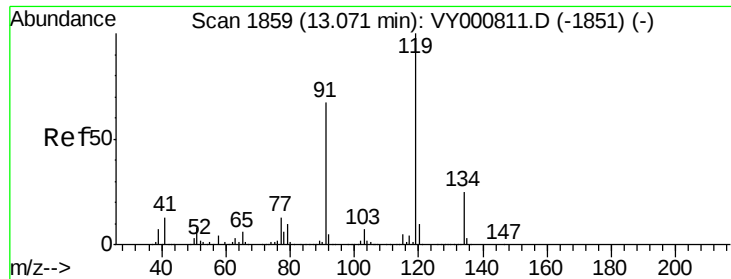
126 34.7 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1819) (-)

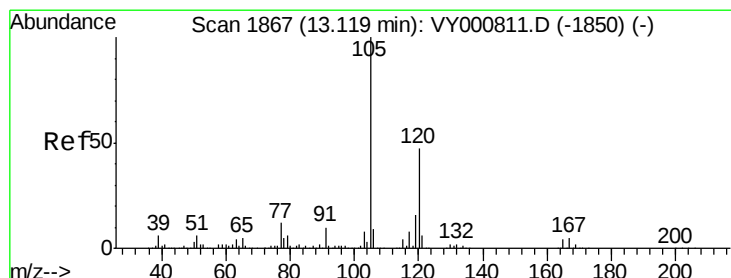
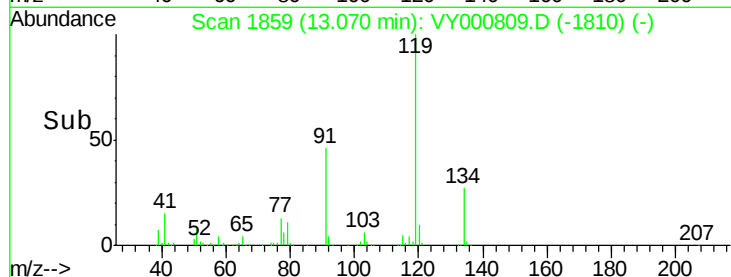
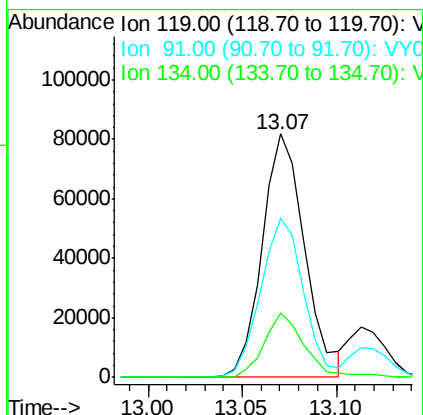
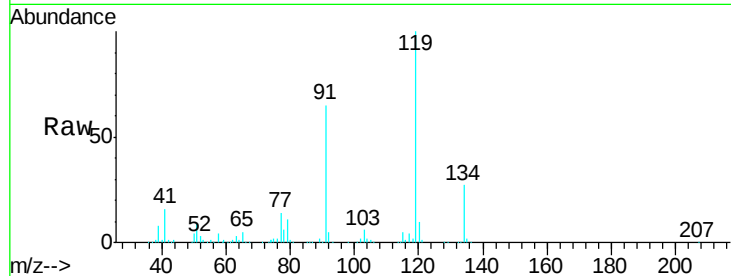




#83
 tert-Butylbenzene
 Concen: 10.719 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

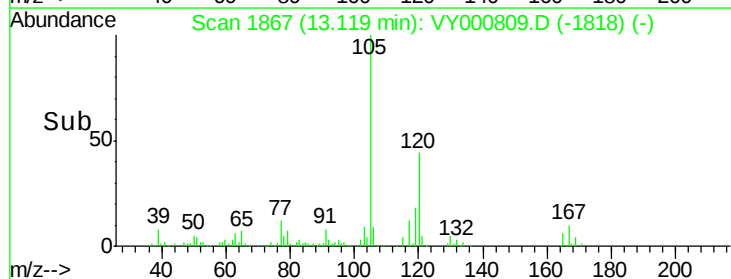
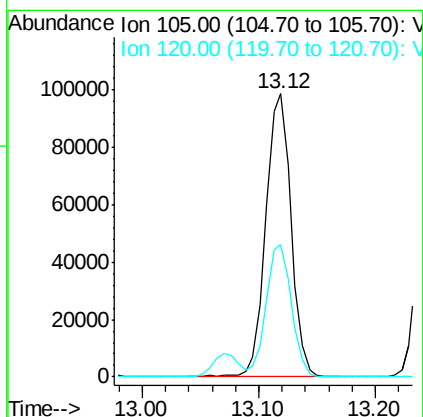
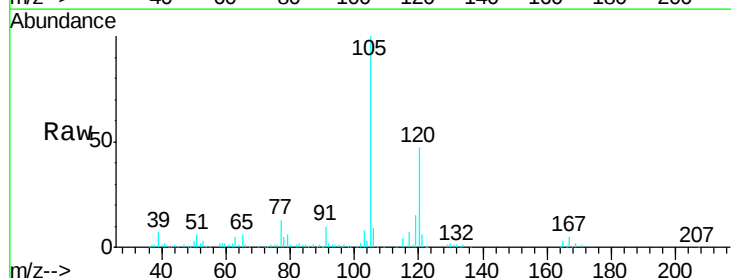
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 127841
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.3 96.8
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 10.743 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion:105 Resp: 149376
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 10.885 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_Y

ClientSampled :

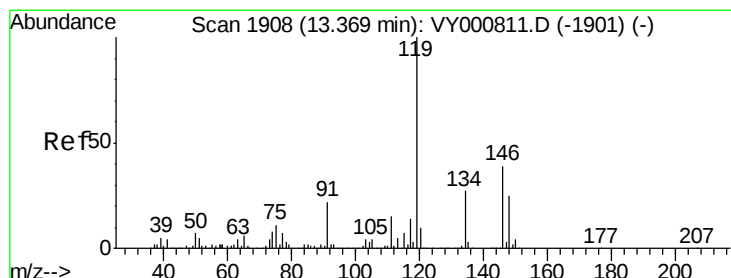
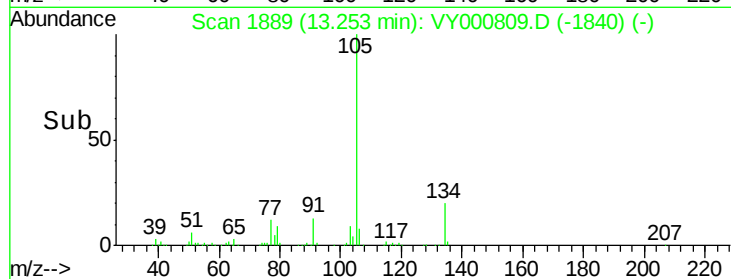
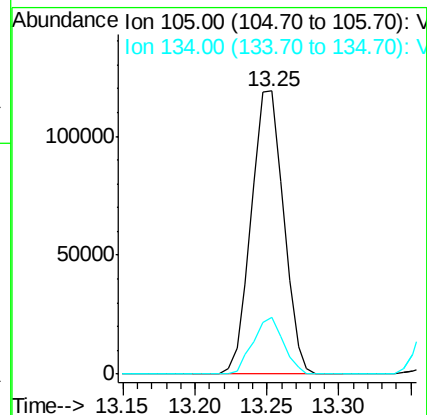
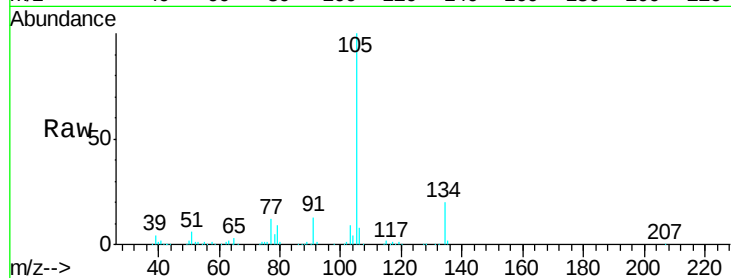
VSTDIC010

Tgt Ion:105 Resp: 184731

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 10.917 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000809.D

Acq: 27 Nov 2019 10:55

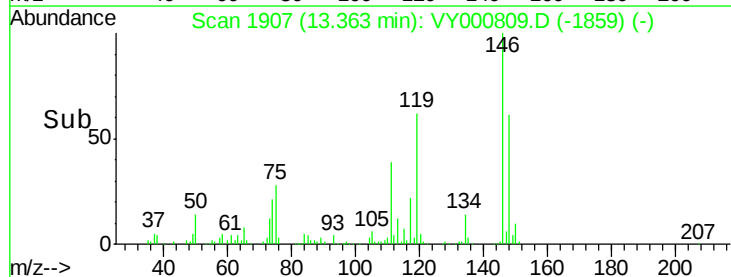
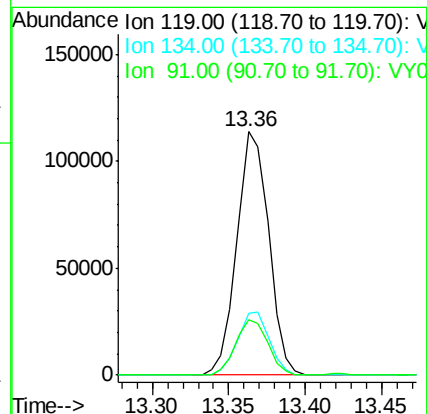
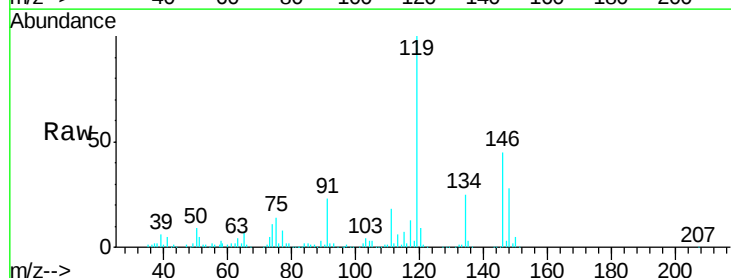
Tgt Ion:119 Resp: 164884

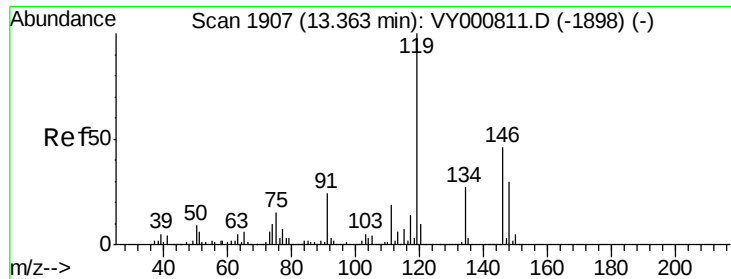
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.1 11.5 34.5

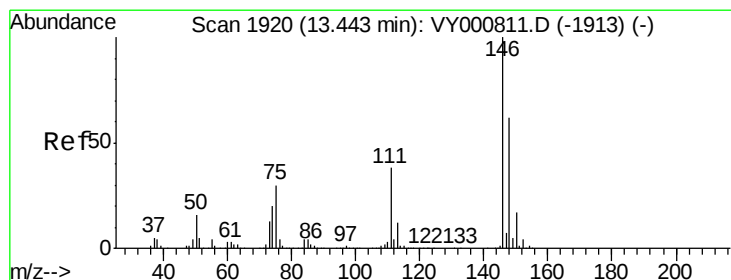
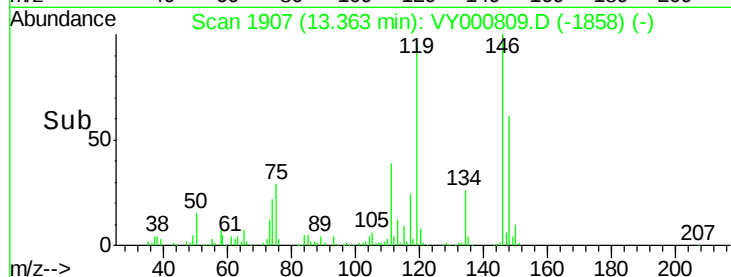
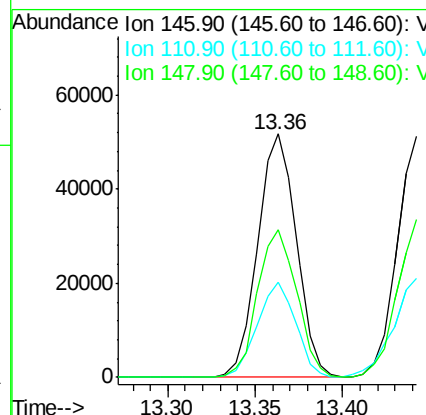
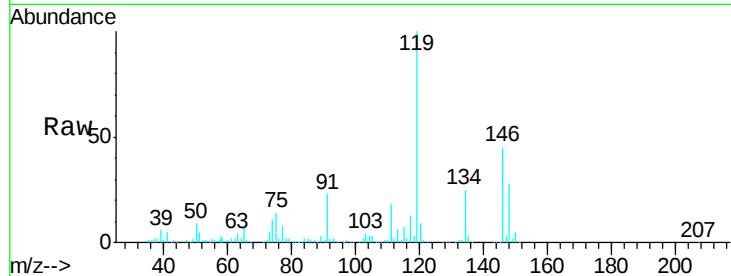




#87
 1,3-Dichlorobenzene
 Concen: 10.701 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

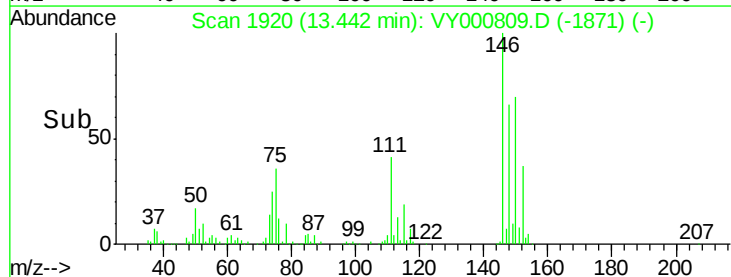
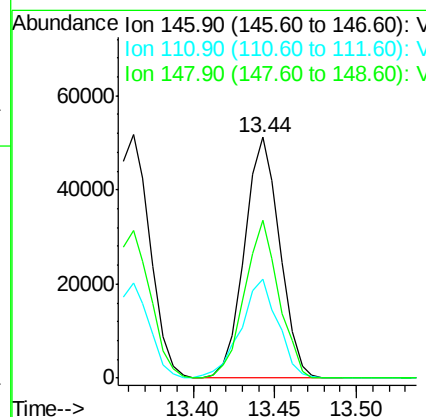
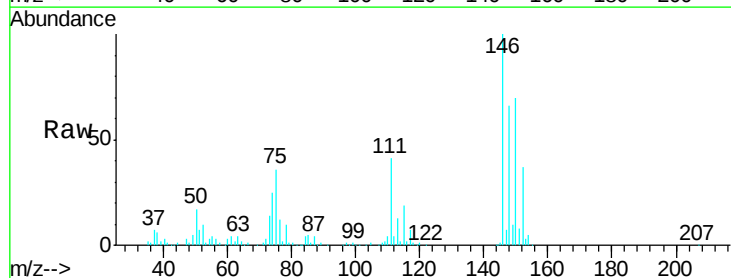
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

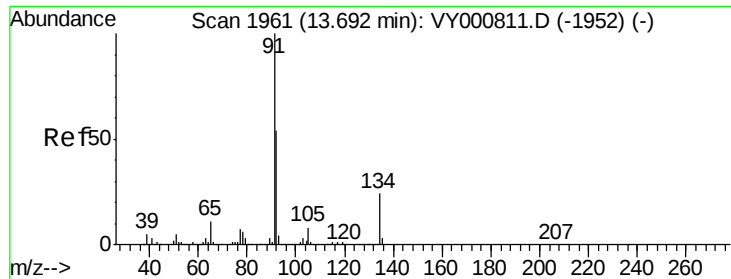
Tgt Ion:146 Resp: 79282
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 60.0
 148 61.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 10.431 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion:146 Resp: 77290
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.0 59.9
 148 63.9 31.7 95.1

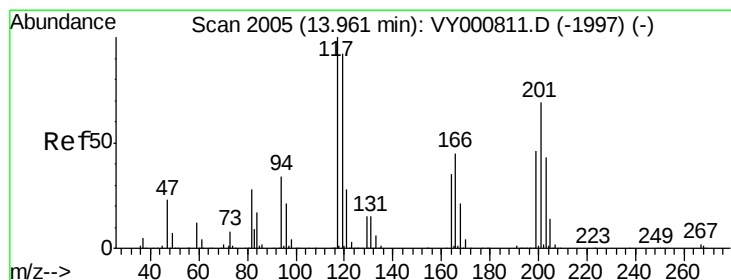
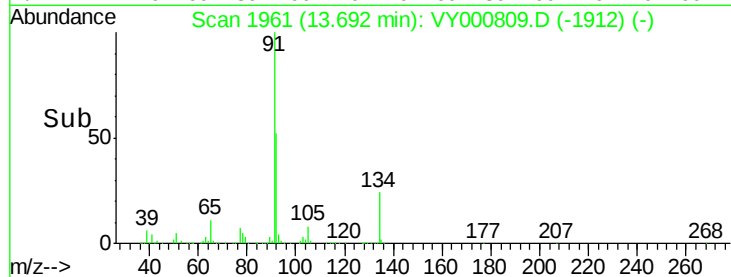
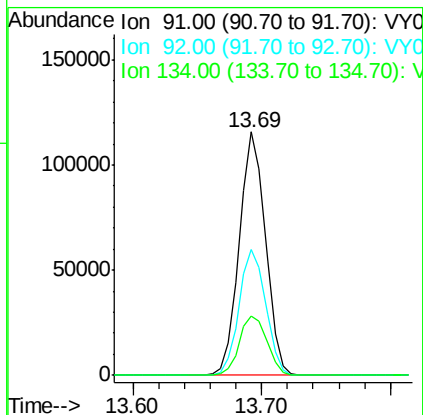
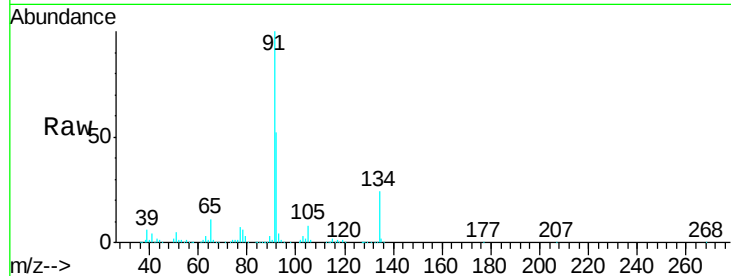




#89
n-Butylbenzene
Concen: 10.881 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

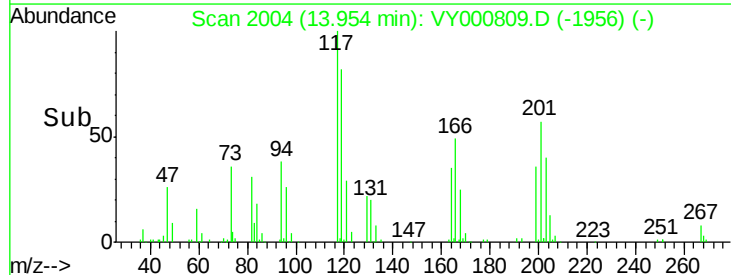
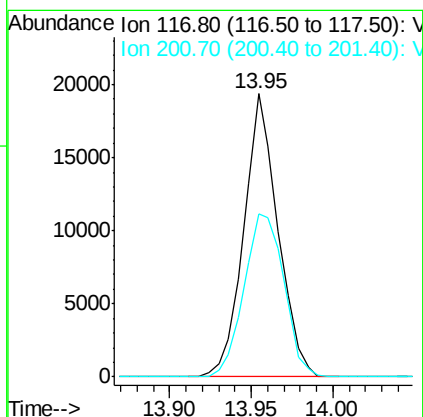
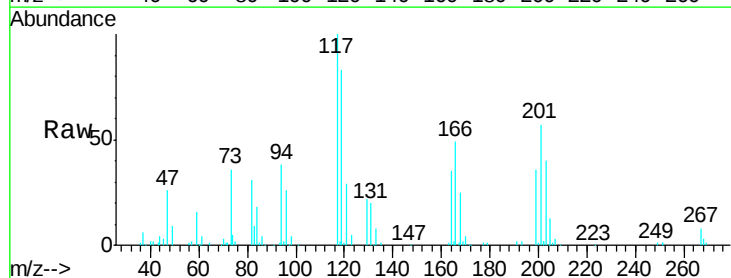
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

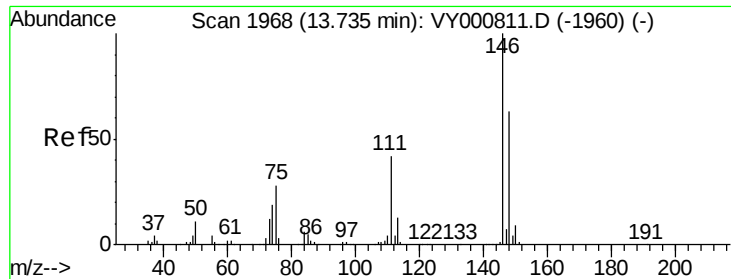
Tgt Ion: 91 Resp: 162668
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 10.071 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion: 117 Resp: 28220
Ion Ratio Lower Upper
117 100
201 67.2 34.0 102.0

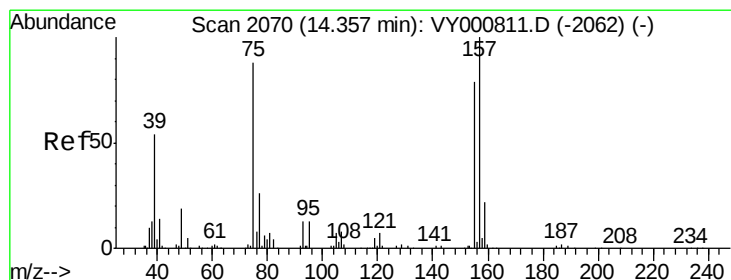
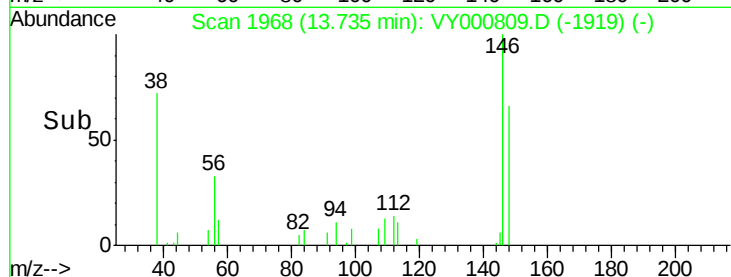
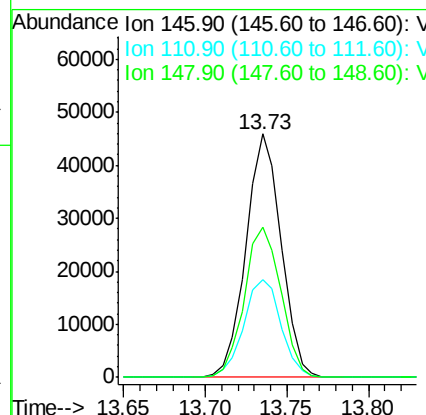
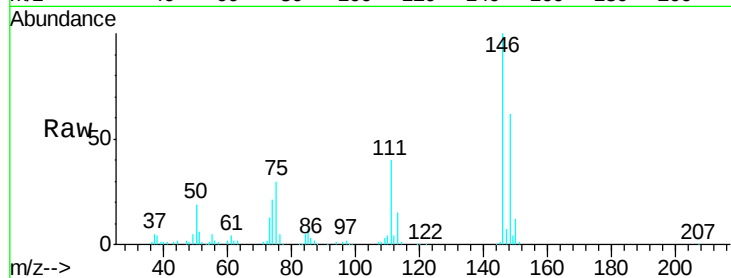




#91
 1,2-Dichlorobenzene
 Concen: 10.260 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

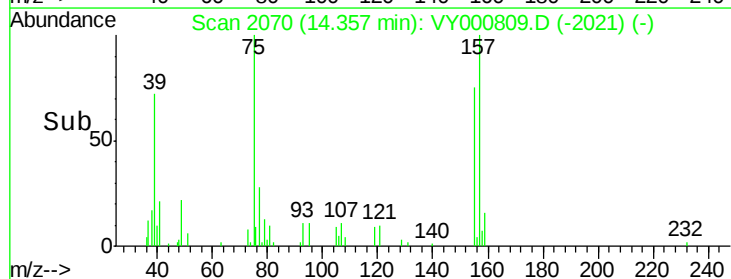
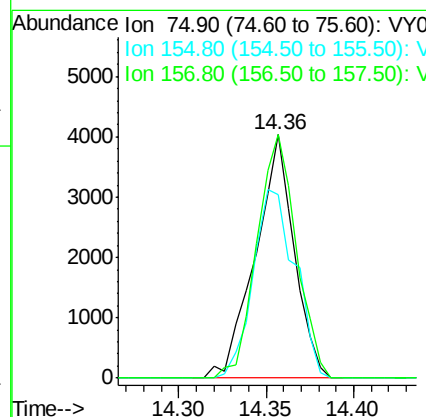
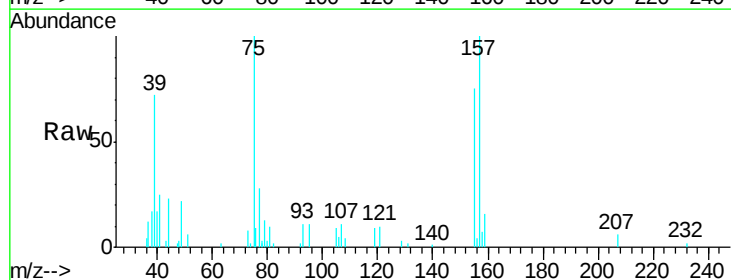
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

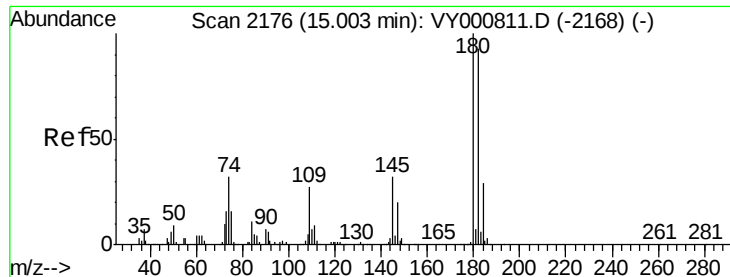
Tgt Ion: 146 Resp: 69017
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.9 62.7
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.495 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion: 75 Resp: 6206
 Ion Ratio Lower Upper
 75 100
 155 84.2 44.3 132.9
 157 101.3 56.3 168.9

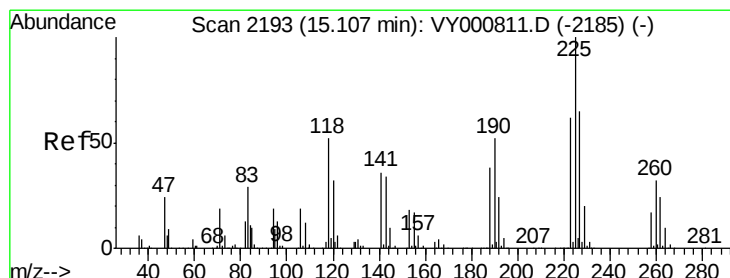
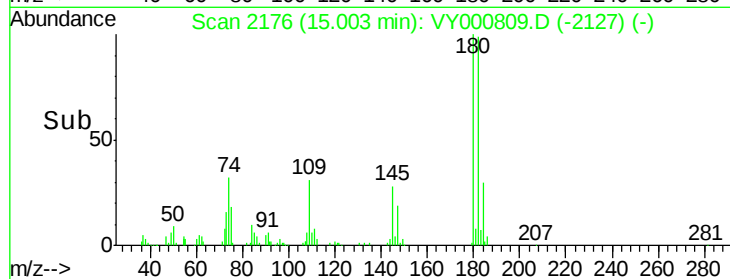
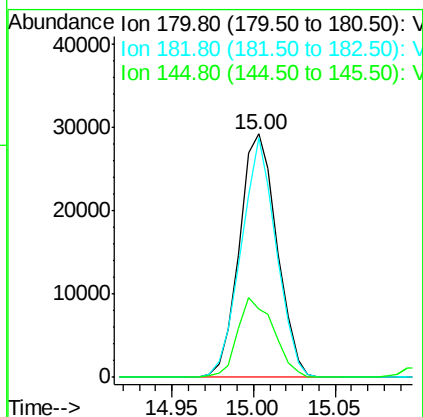
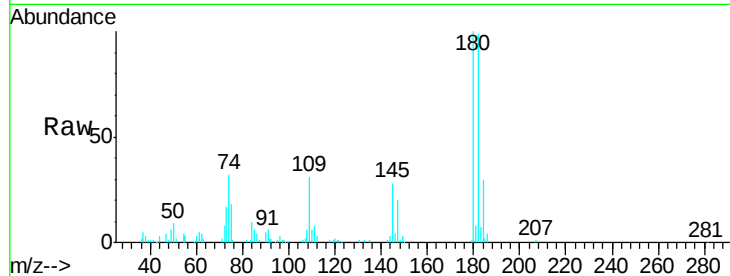




#93
 1,2,4-Trichlorobenzene
 Concen: 10.208 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

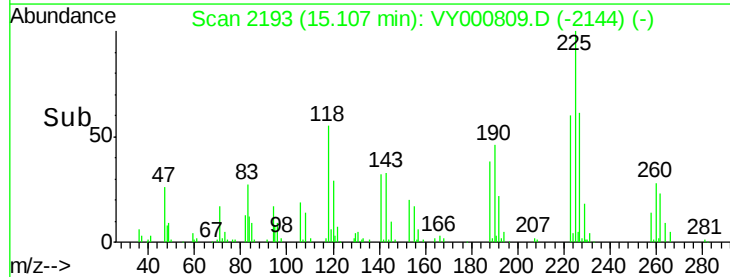
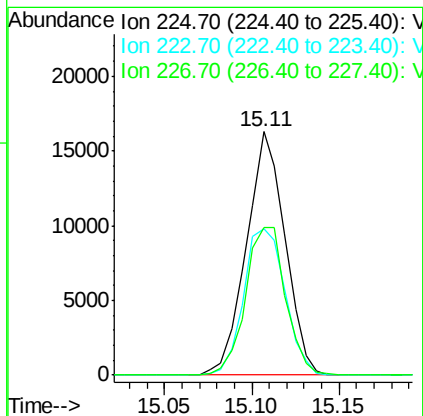
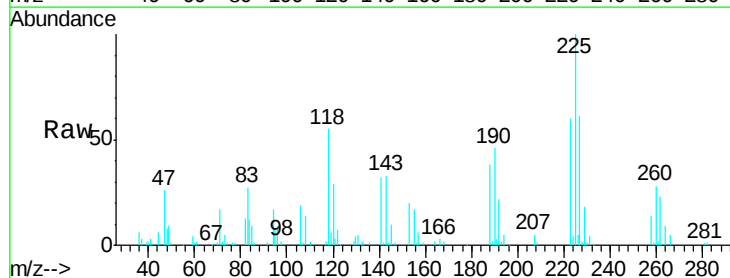
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

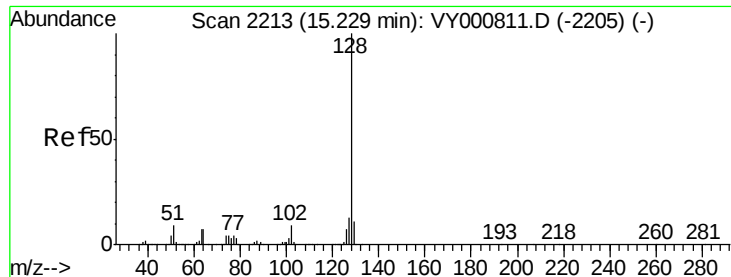
Tgt Ion:180 Resp: 46966
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.3 141.9
 145 31.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 10.714 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000809.D
 Acq: 27 Nov 2019 10:55

Tgt Ion:225 Resp: 24952
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.4 94.3
 227 63.1 31.8 95.3

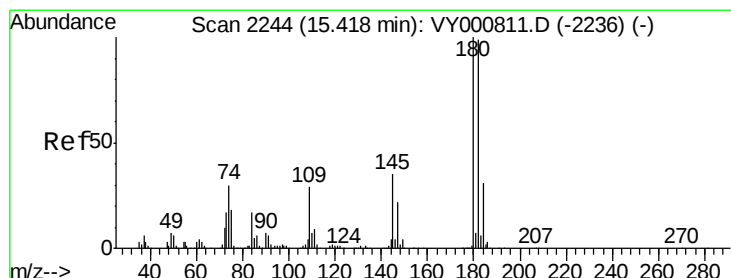
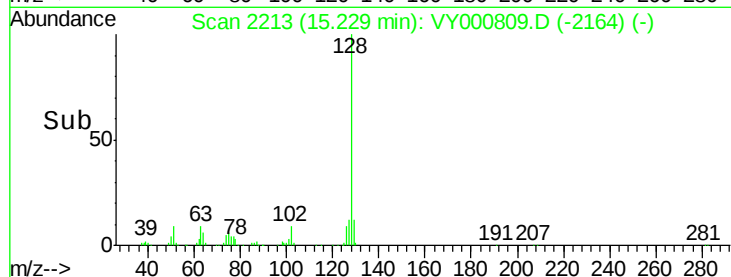
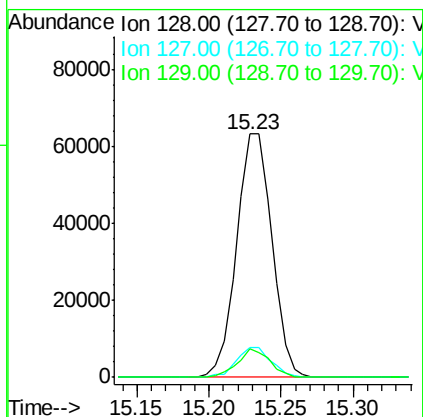
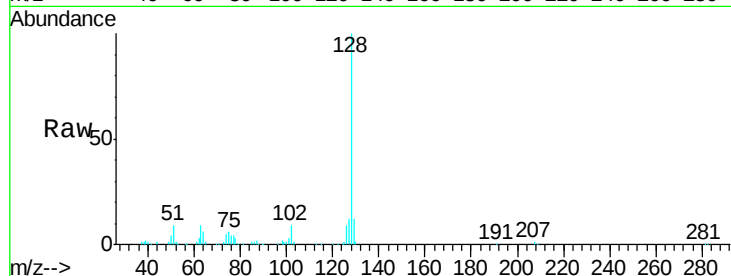




#95
Naphthalene
Concen: 10.416 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 107469
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 10.200 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000809.D
Acq: 27 Nov 2019 10:55

Tgt Ion:180 Resp: 41779
Ion Ratio Lower Upper
180 100
182 99.8 48.0 144.0
145 31.3 16.9 50.6

