

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001110.D
 Acq On : 27 Dec 2019 19:46
 Operator : SY/MD
 Sample : K6438-02MS
 Misc : 5.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Quant Time: Dec 28 04:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	448540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129271	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.73	113	134779	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.18	98	547596	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.48	95	159885	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	89829	40.101	ug/l	99
3) Chloromethane	2.12	50	102191	33.519	ug/l	99
4) Vinyl Chloride	2.25	62	113548	38.351	ug/l	98
5) Bromomethane	2.65	94	74138	38.974	ug/l	99
6) Chloroethane	2.79	64	76168	41.305	ug/l	92
7) Trichlorofluoromethane	3.13	101	189051	43.534	ug/l	95
8) Diethyl Ether	3.54	74	87227	49.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	130924	45.897	ug/l	98
10) Methyl Iodide	4.10	142	171155	43.427	ug/l	99
11) Tert butyl alcohol	4.97	59	59802	214.515	ug/l	100
12) 1,1-Dichloroethene	3.88	96	132453	45.863	ug/l	95
13) Acrolein	3.73	56	8522	24.672	ug/l	99
14) Allyl chloride	4.49	41	197598	44.043	ug/l	97
15) Acrylonitrile	5.18	53	199749	225.470	ug/l	99
16) Acetone	3.95	43	131657	225.404	ug/l	96
17) Carbon Disulfide	4.20	76	346039	36.668	ug/l	100
18) Methyl Acetate	4.49	43	323656	144.431	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	368401	49.424	ug/l	95
20) Methylene Chloride	4.72	84	166200	48.342	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	153226	47.874	ug/l	97
22) Diisopropyl ether	6.13	45	434929	47.961	ug/l	91
23) Vinyl Acetate	6.13	43	235126	41.055	ug/l #	71
24) 1,1-Dichloroethane	6.03	63	261500	48.797	ug/l	98
25) 2-Butanone	7.00	43	220749	215.133	ug/l	94
26) 2,2-Dichloropropane	6.99	77	191793	43.561	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	178070	50.641	ug/l	98
28) Bromochloromethane	7.35	49	112255	53.687	ug/l	96
29) Tetrahydrofuran	7.35	42	154971	212.320	ug/l	94
30) Chloroform	7.52	83	259387	51.188	ug/l	97
31) Cyclohexane	7.79	56	208401	36.982	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	207936	48.104	ug/l	99
36) 1,1-Dichloropropene	7.93	75	194857	45.538	ug/l	99
37) Ethyl Acetate	7.08	43	43747	18.464	ug/l	98
38) Carbon Tetrachloride	7.91	117	175184	46.727	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	208365	36.669	ug/l	98
40) Benzene	8.17	78	638372	49.451	ug/l	98
41) Methacrylonitrile	7.35	41	130310	126.855	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	150508	48.765	ug/l	99
43) Isopropyl Acetate	8.28	43	112242	25.591	ug/l #	90
44) Trichloroethene	8.94	130	163566	48.089	ug/l	98
45) 1,2-Dichloropropane	9.22	63	158402	48.912	ug/l	95
46) Dibromomethane	9.31	93	82434	49.379	ug/l	97
47) Bromodichloromethane	9.50	83	199038	51.471	ug/l	99
48) Methyl methacrylate	9.30	41	109738	58.630	ug/l	94
49) 1,4-Dioxane	9.30	88	24773	1014.426	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	476790	208.563	ug/l	97
52) Toluene	10.24	92	387293	48.743	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	202217	48.184	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	243809	48.313	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	127688	51.234	ug/l	94
56) Ethyl methacrylate	10.51	69	73128	20.617	ug/l	95
57) 1,3-Dichloropropane	10.79	76	211442	48.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	281238	205.283	ug/l	99
59) 2-Hexanone	10.83	43	307291	194.263	ug/l	96
60) Dibromochloromethane	10.99	129	137378	51.604	ug/l	98
61) 1,2-Dibromoethane	11.09	107	115644	48.524	ug/l	100
64) Tetrachloroethene	10.72	164	152074	45.627	ug/l	97
65) Chlorobenzene	11.52	112	396694	49.645	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	138973	52.703	ug/l	98
67) Ethyl Benzene	11.59	91	688268	47.888	ug/l	97
68) m/p-Xylenes	11.70	106	524436	96.101	ug/l	96
69) o-Xylene	12.02	106	257031	50.066	ug/l	96
70) Styrene	12.04	104	409267	46.884	ug/l	99
71) Bromoform	12.20	173	76397	52.032	ug/l #	97
73) Isopropylbenzene	12.33	105	624249	52.941	ug/l	99
74) N-amyl acetate	12.14	43	14854	4.795	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	132897	57.211	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	172064	91.598	ug/l #	100
77) Bromobenzene	12.60	156	146255	55.150	ug/l	96
78) n-propylbenzene	12.67	91	710215	49.431	ug/l	100
79) 2-Chlorotoluene	12.75	91	397984	50.158	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	484868	50.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	45261	51.388	ug/l	99
82) 4-Chlorotoluene	12.85	91	403486	48.958	ug/l	99
83) tert-Butylbenzene	13.07	119	415577	51.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	481651	49.590	ug/l	99
85) sec-Butylbenzene	13.25	105	542644	45.367	ug/l	98
86) p-Isopropyltoluene	13.36	119	440758	42.586	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	243527	47.813	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	247632	48.196	ug/l	99
89) n-Butylbenzene	13.69	91	395003	37.934	ug/l	98
90) Hexachloroethane	13.95	117	95180	48.812	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	230824	49.129	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	19237	49.498	ug/l	96

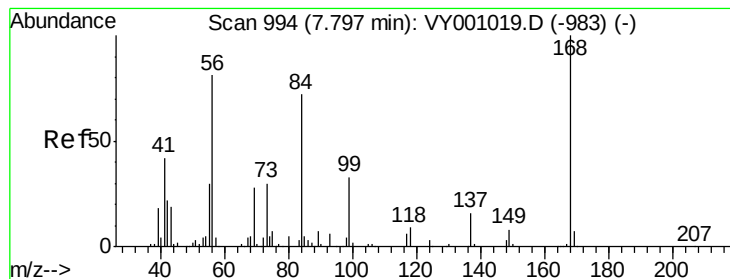
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	110914	34.975	ug/l	100
94) Hexachlorobutadiene	15.11	225	44526	29.505	ug/l	98
95) Naphthalene	15.23	128	309000	41.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	98321	34.766	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

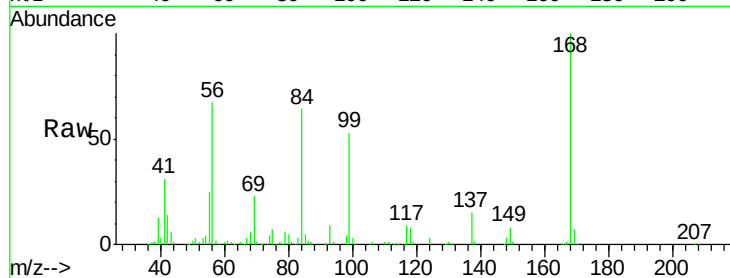
DUNR-BF001-01MS

Tgt Ion:168 Resp: 257070

Ion Ratio Lower Upper

168 100

99 53.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001110.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001110.D (-945) (-)

7.80

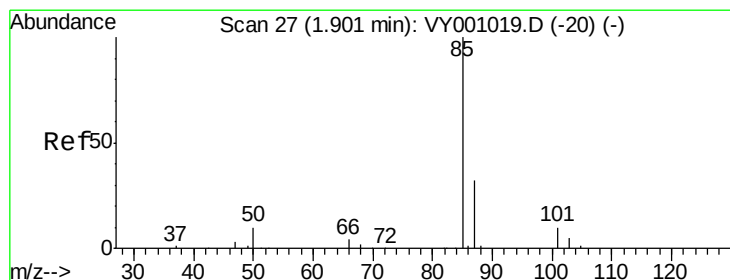
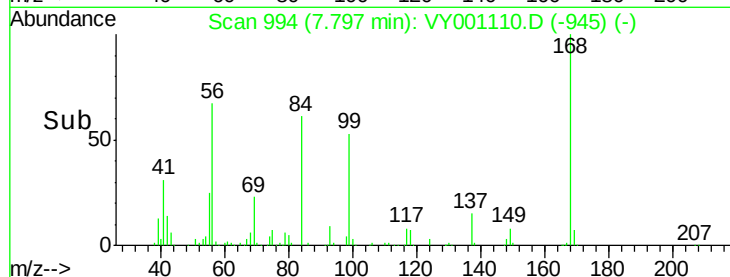
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.101 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001110.D

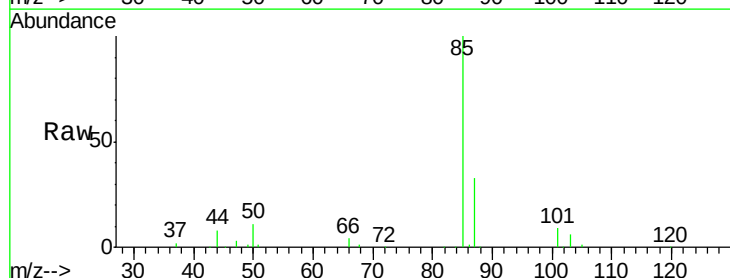
Acq: 27 Dec 2019 19:46

Tgt Ion: 85 Resp: 89829

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001110.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001110.D (-1) (-)

1.90

60000

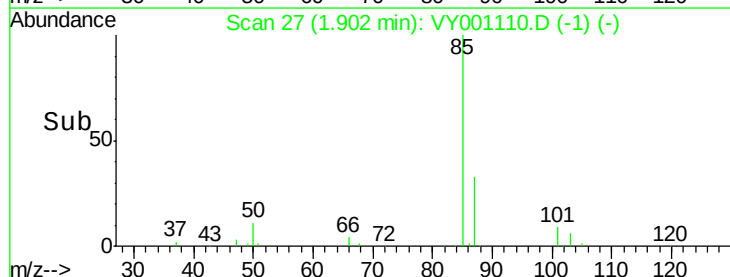
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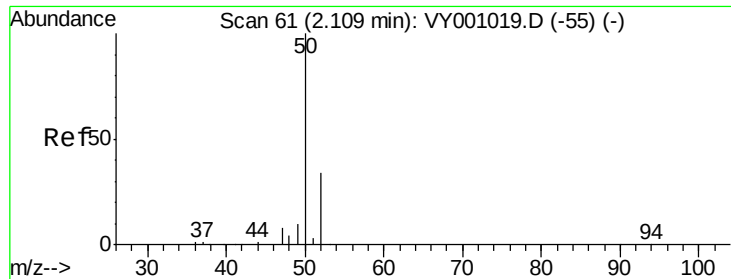
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 33.519 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

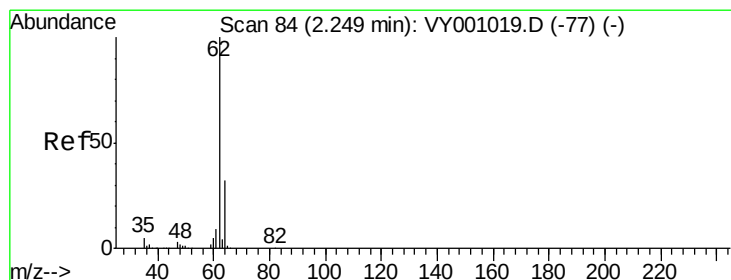
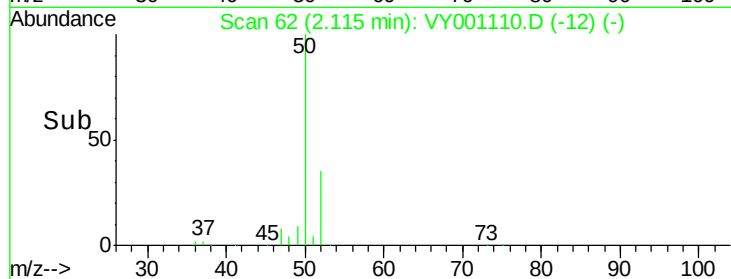
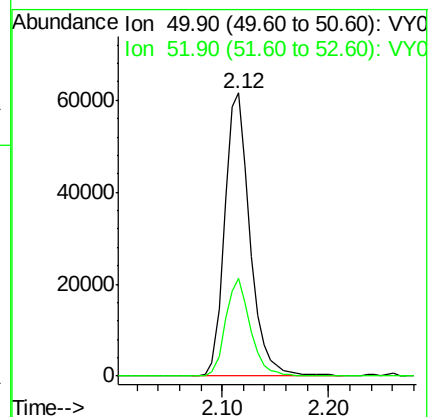
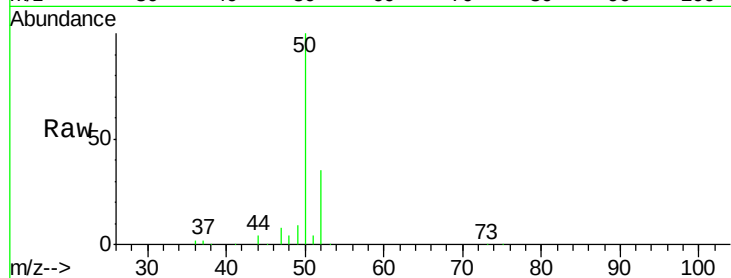
DUNR-BF001-01MS

Tgt Ion: 50 Resp: 102191

Ion Ratio Lower Upper

50 100

52 34.5 27.1 40.7



#4

Vinyl Chloride

Concen: 38.351 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001110.D

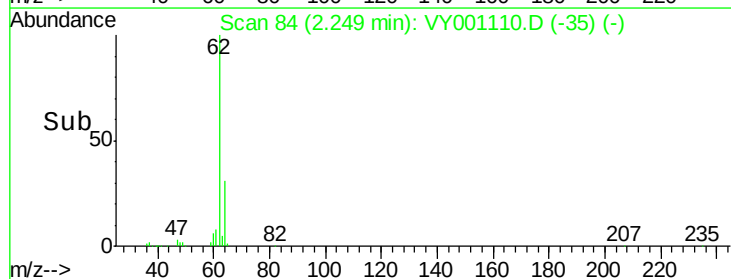
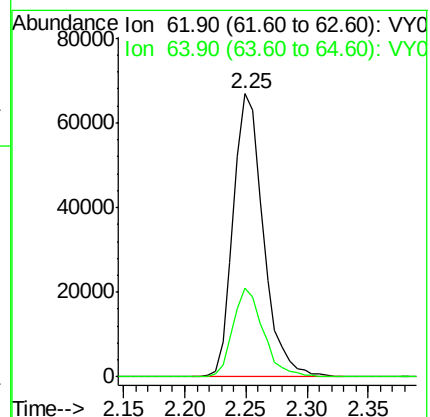
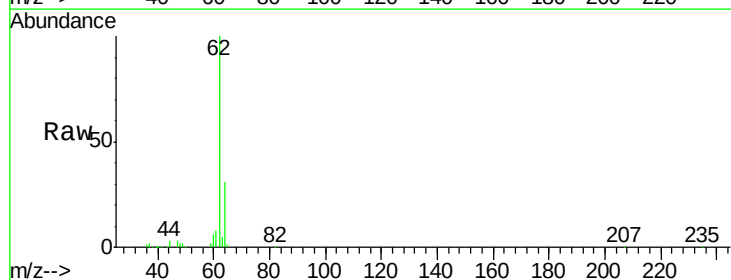
Acq: 27 Dec 2019 19:46

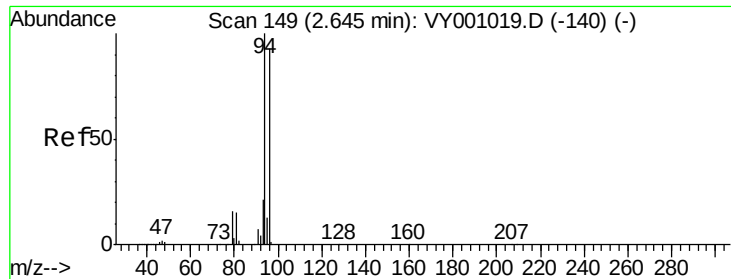
Tgt Ion: 62 Resp: 113548

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 38.974 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

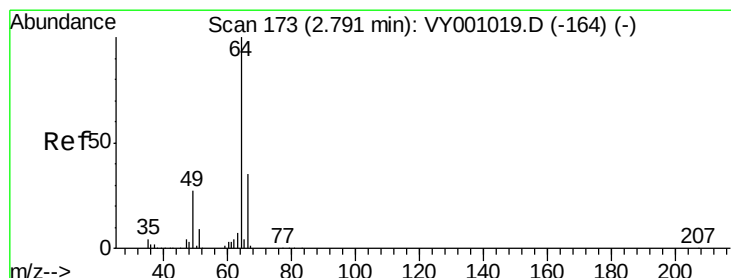
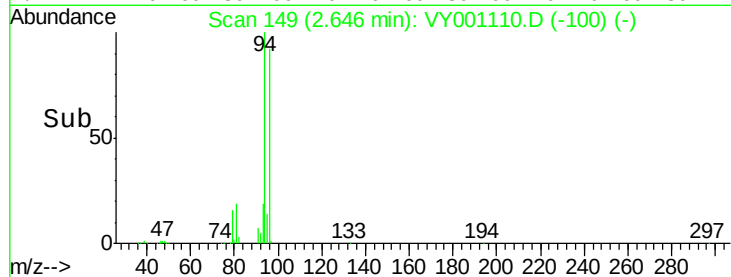
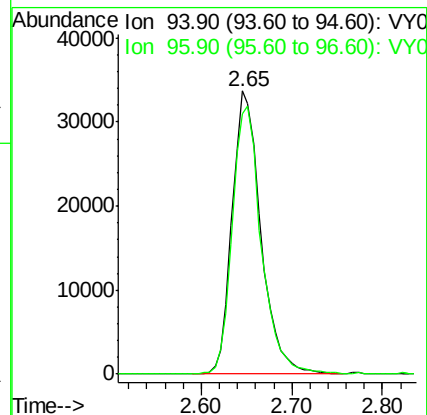
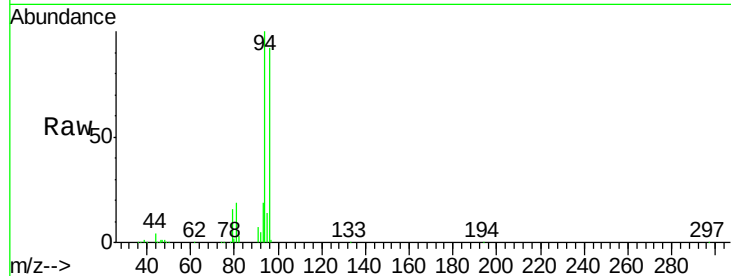
DUNR-BF001-01MS

Tgt Ion: 94 Resp: 74138

Ion Ratio Lower Upper

94 100

96 92.0 74.2 111.4



#6

Chloroethane

Concen: 41.305 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001110.D

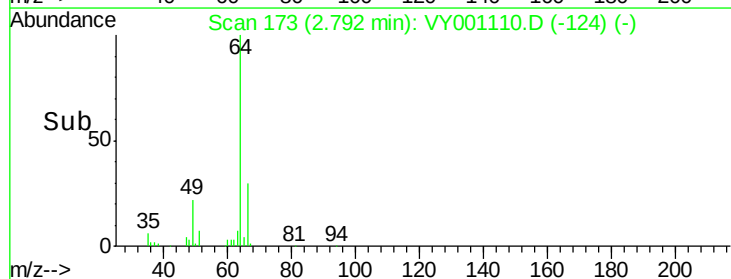
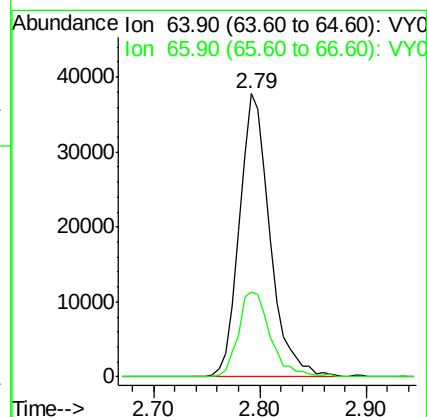
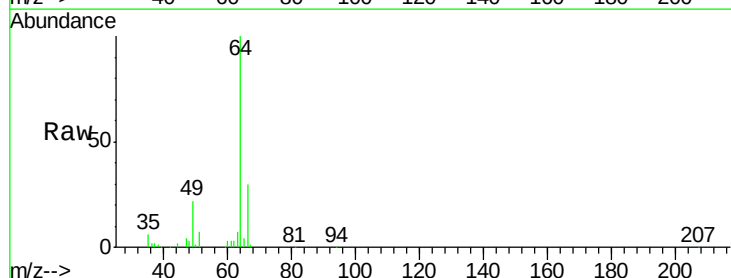
Acq: 27 Dec 2019 19:46

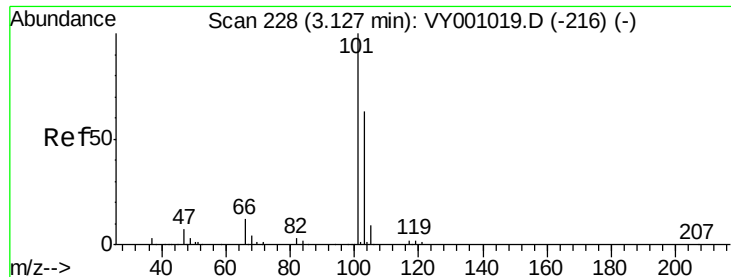
Tgt Ion: 64 Resp: 76168

Ion Ratio Lower Upper

64 100

66 30.0 27.8 41.6



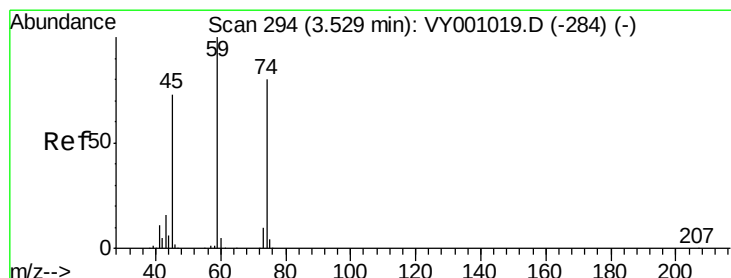
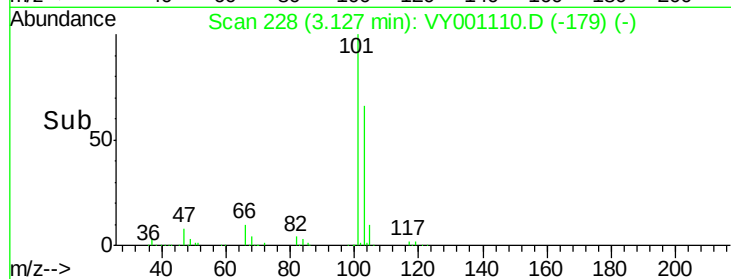
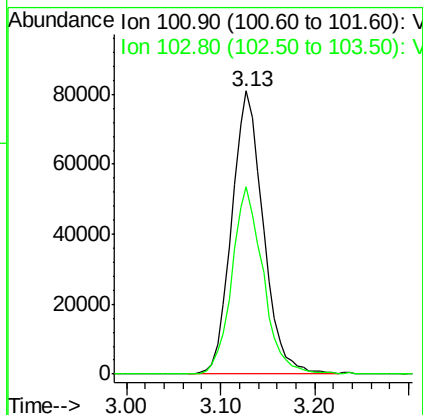
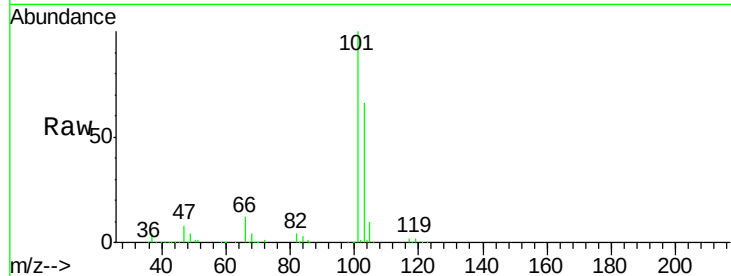


#7

Trichlorofluoromethane
 Concen: 43.534 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
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 DUNR-BF001-01MS

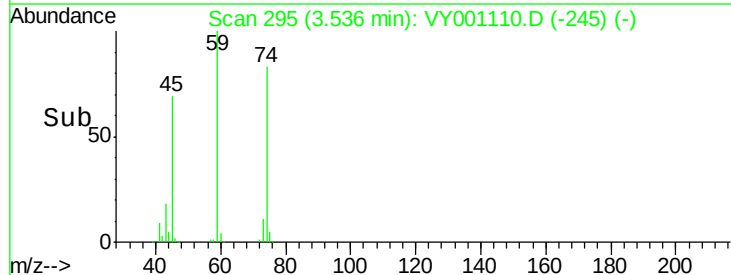
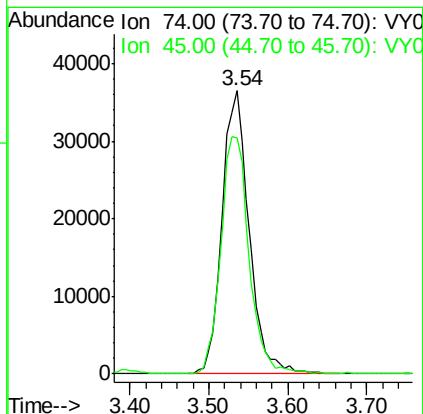
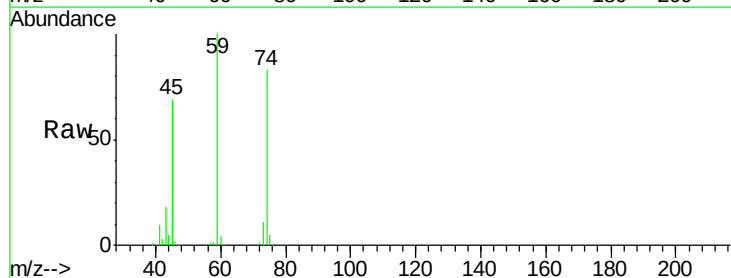
Tgt Ion:101 Resp: 189051
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.2 75.2

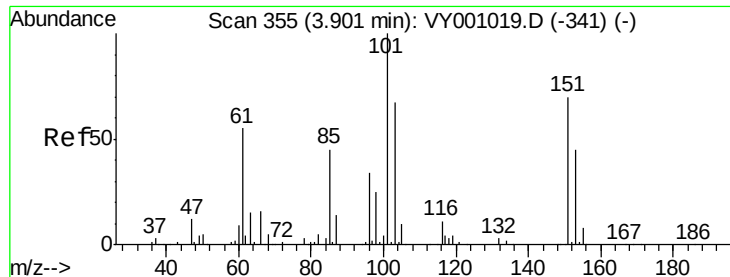


#8

Diethyl Ether
 Concen: 49.207 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 74 Resp: 87227
 Ion Ratio Lower Upper
 74 100
 45 87.7 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.897 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

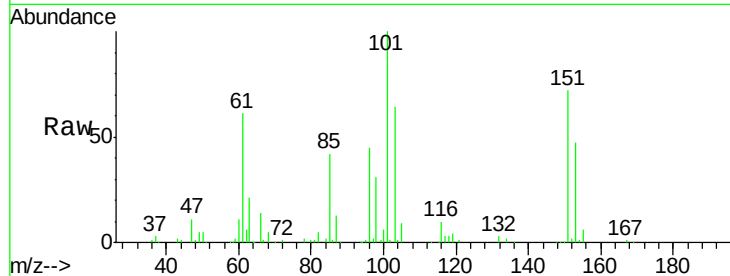
Tgt Ion:101 Resp: 130924

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

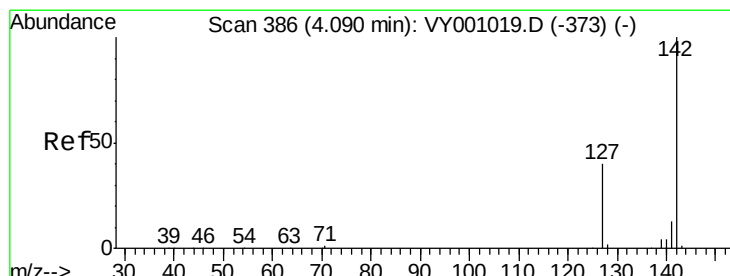
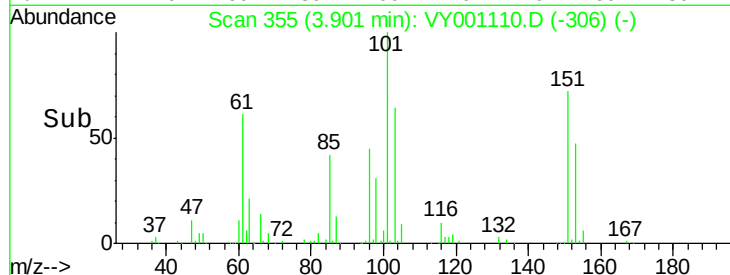
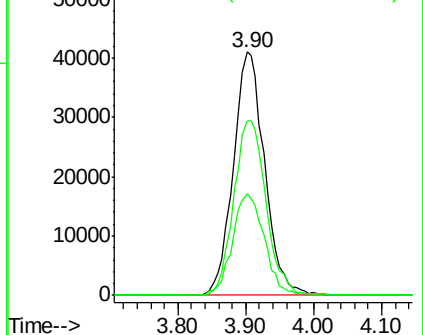
151 74.0 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.427 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

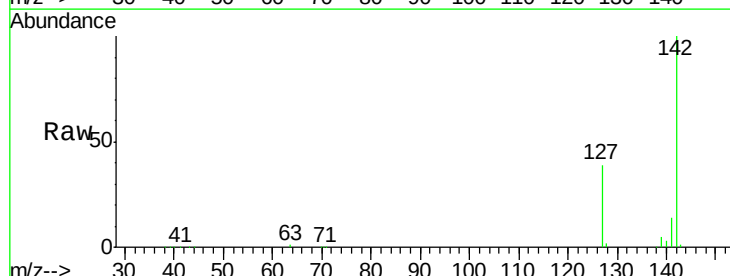
Tgt Ion:142 Resp: 171155

Ion Ratio Lower Upper

142 100

127 39.7 31.2 46.8

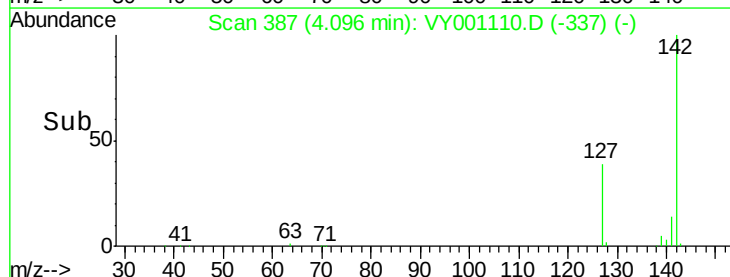
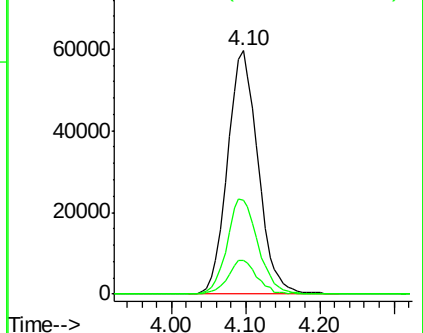
141 13.4 11.0 16.4

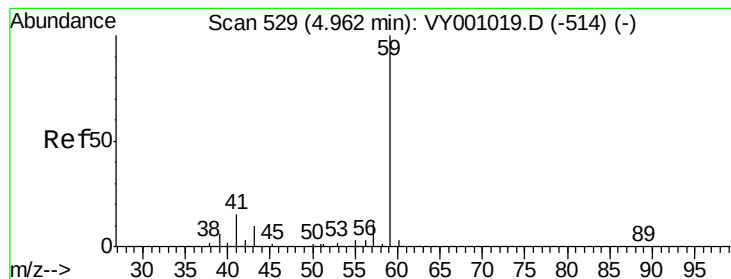


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



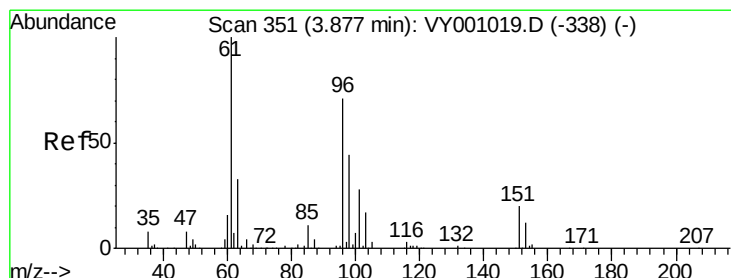
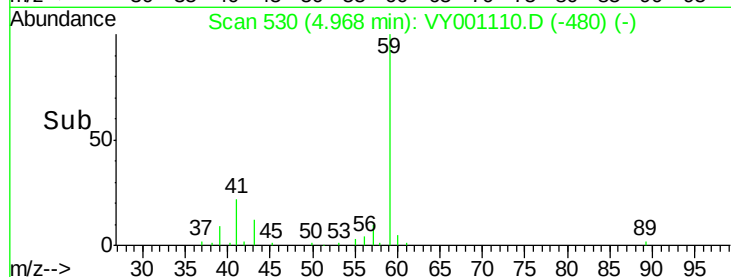
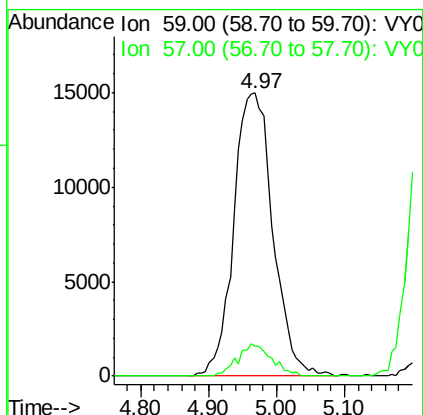
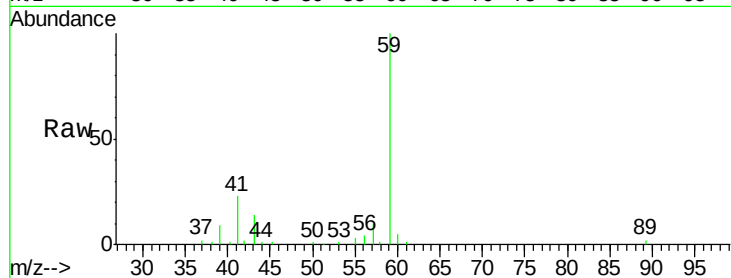


#11

Tert butyl alcohol
 Concen: 214.515 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

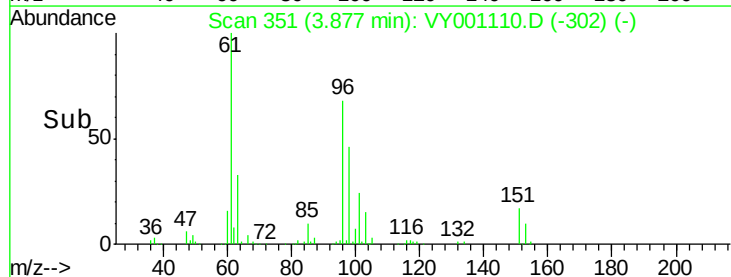
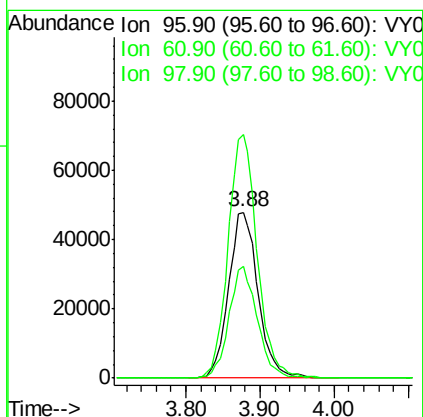
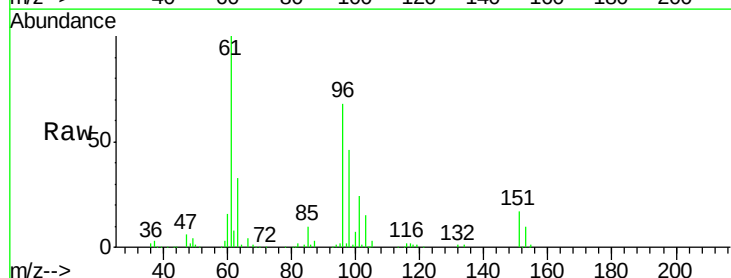
Tgt Ion: 59 Resp: 59802
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

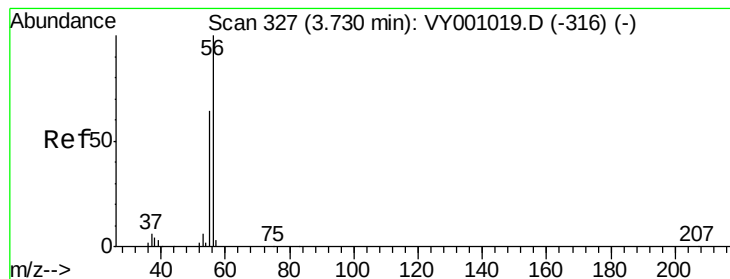


#12

1,1-Dichloroethene
 Concen: 45.863 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 96 Resp: 132453
 Ion Ratio Lower Upper
 96 100
 61 147.1 113.0 169.4
 98 67.6 49.8 74.8





#13

Acrolein

Concen: 24.672 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

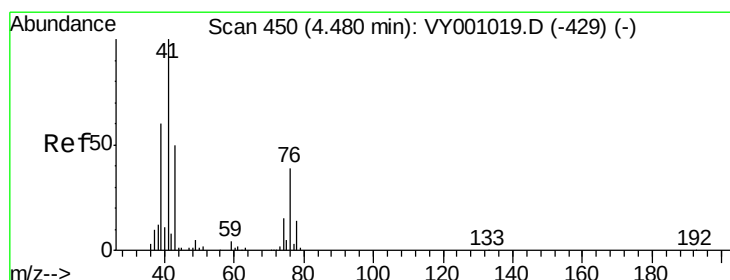
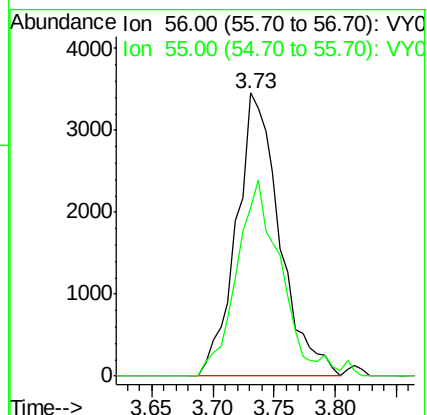
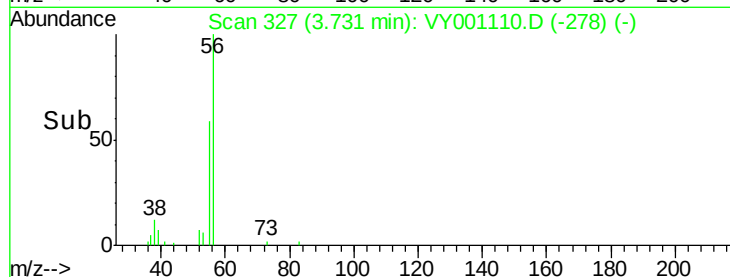
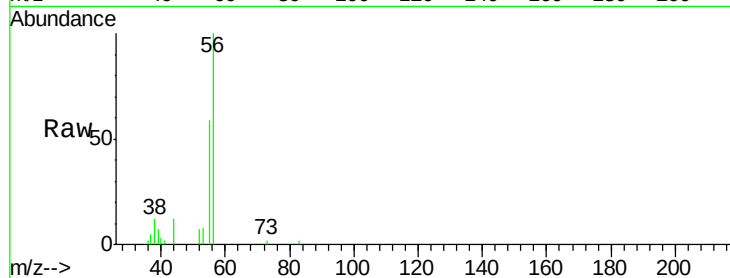
DUNR-BF001-01MS

Tgt Ion: 56 Resp: 8522

Ion Ratio Lower Upper

56 100

55 70.5 55.6 83.4



#14

Allyl chloride

Concen: 44.043 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

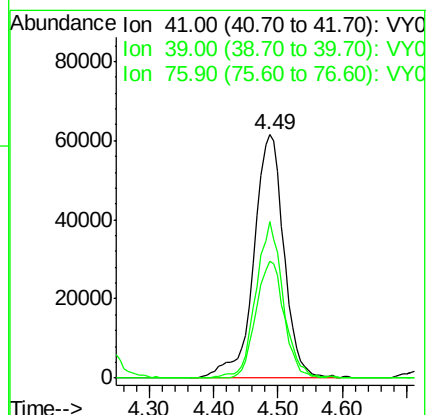
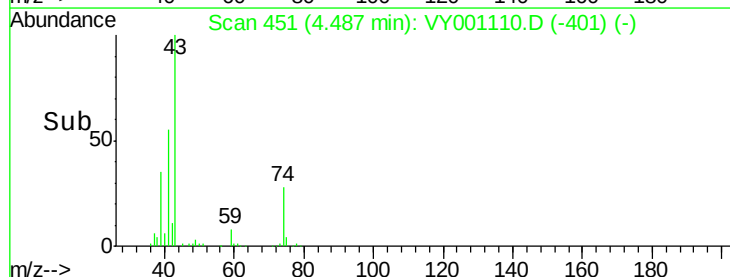
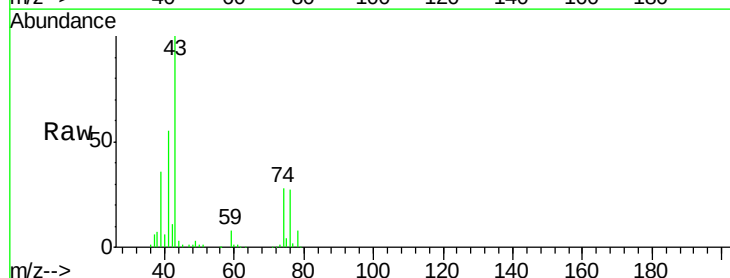
Tgt Ion: 41 Resp: 197598

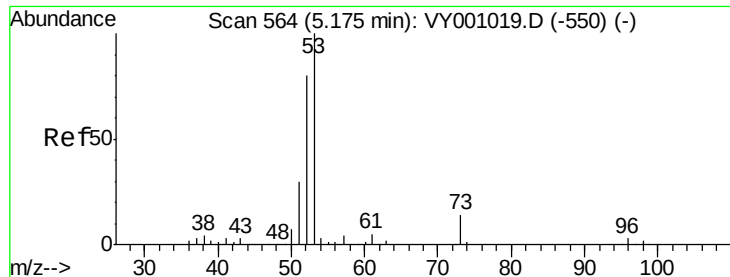
Ion Ratio Lower Upper

41 100

39 57.7 46.0 69.0

76 45.1 32.6 48.8





#15

Acrylonitrile

Concen: 225.470 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

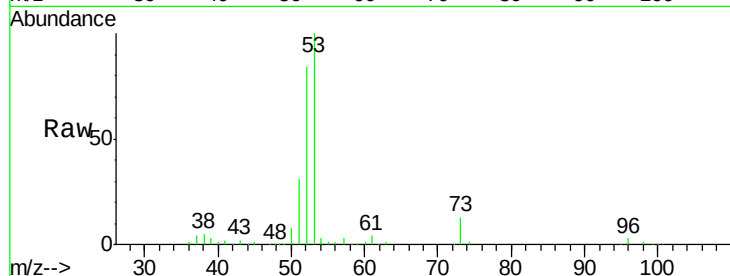
Tgt Ion: 53 Resp: 199749

Ion Ratio Lower Upper

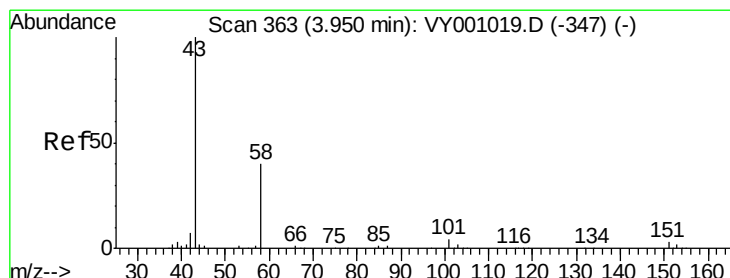
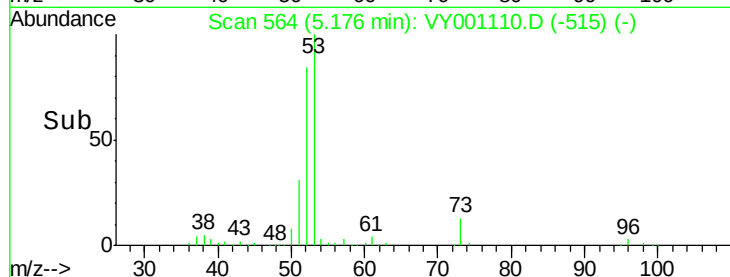
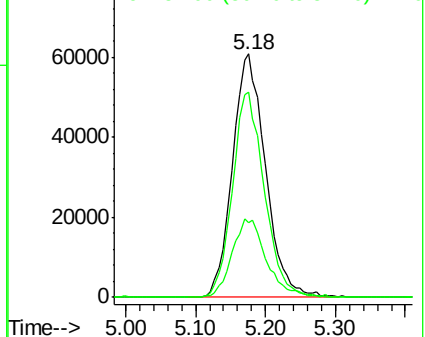
53 100

52 81.1 63.6 95.4

51 33.4 26.7 40.1



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



#16

Acetone

Concen: 225.404 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001110.D

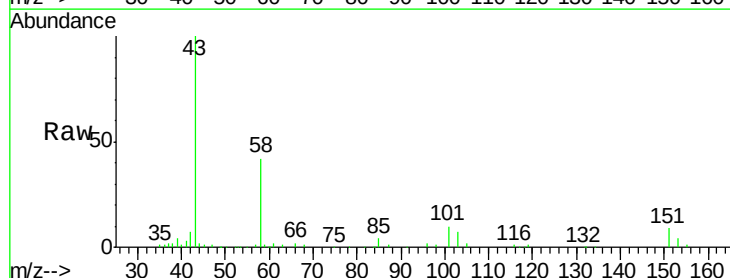
Acq: 27 Dec 2019 19:46

Tgt Ion: 43 Resp: 131657

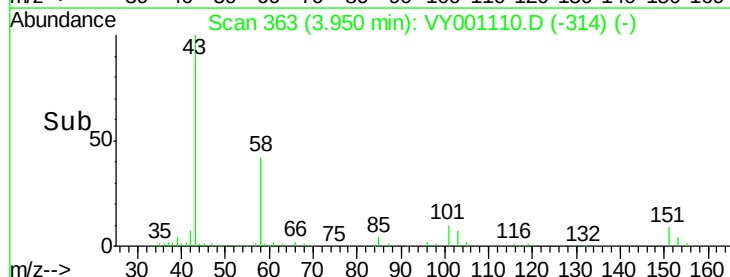
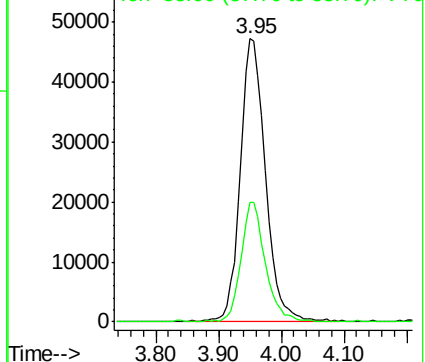
Ion Ratio Lower Upper

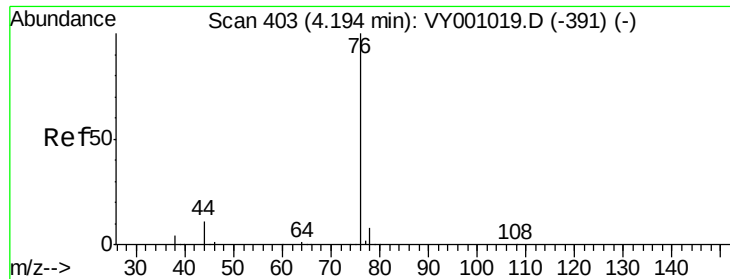
43 100

58 42.3 32.1 48.1



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





#17

Carbon Disulfide

Concen: 36.668 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

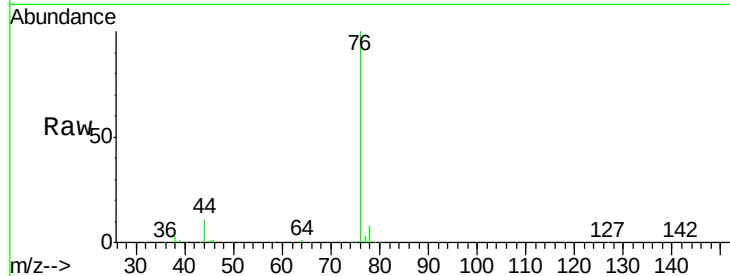
DUNR-BF001-01MS

Tgt Ion: 76 Resp: 346039

Ion Ratio Lower Upper

76 100

78 8.5 6.7 10.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

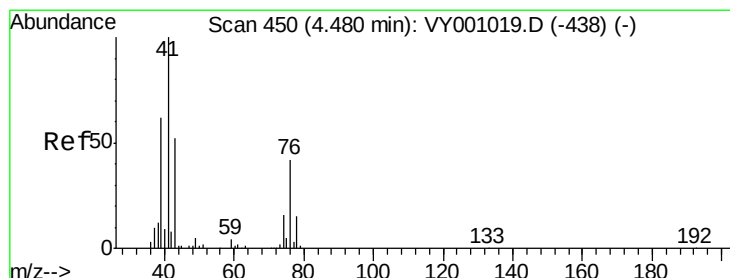
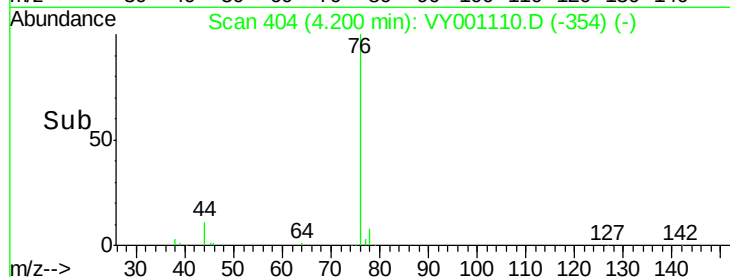
4.20

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 144.431 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001110.D

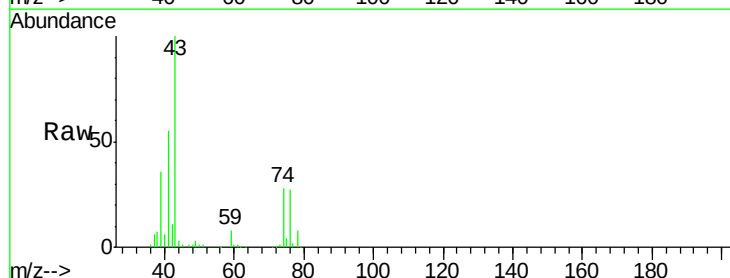
Acq: 27 Dec 2019 19:46

Tgt Ion: 43 Resp: 323656

Ion Ratio Lower Upper

43 100

74 27.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

120000

100000

80000

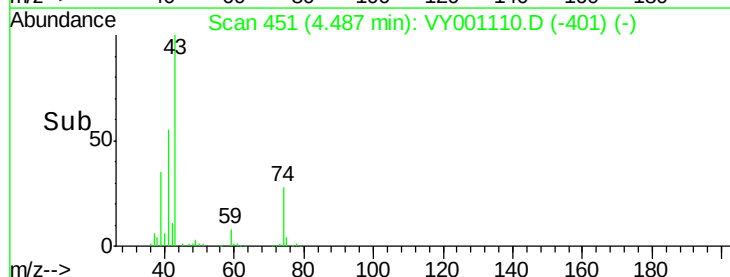
60000

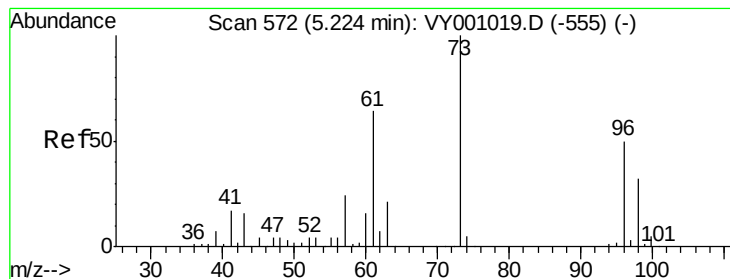
40000

20000

0

Time-->



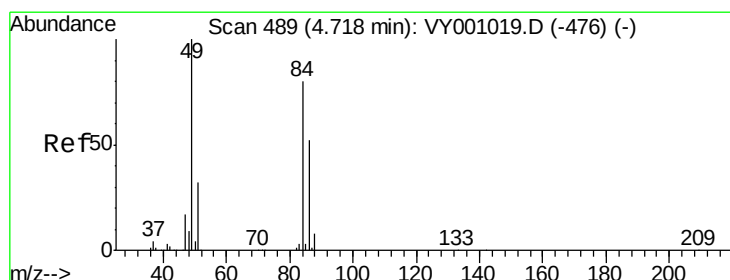
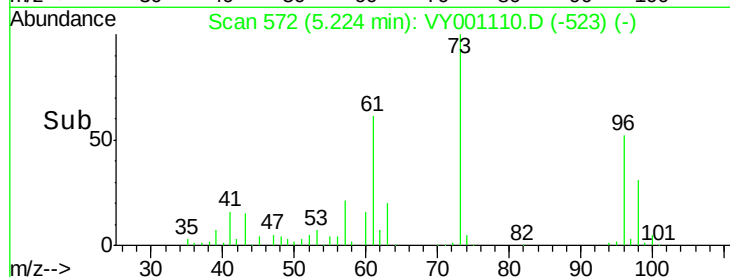
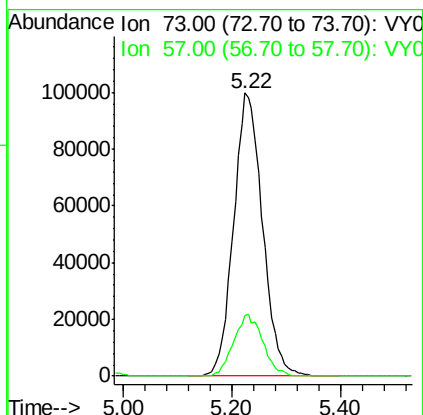
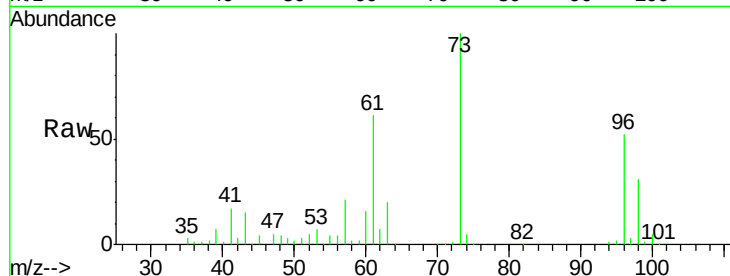


#19

Methyl tert-butyl Ether
 Concen: 49.424 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

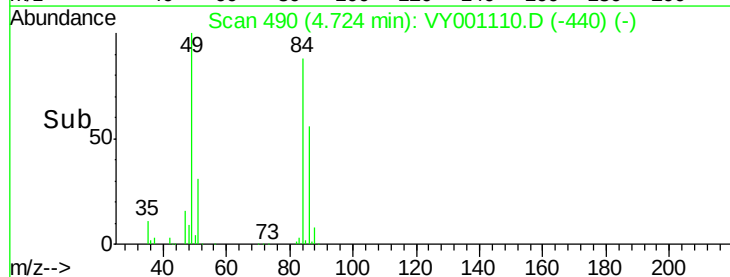
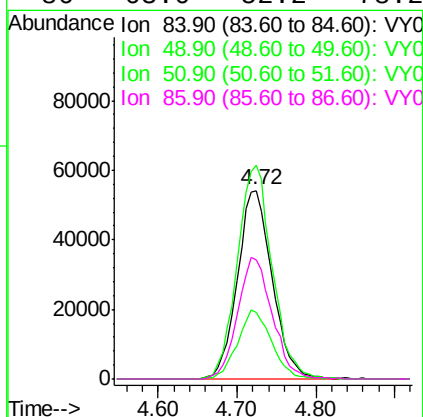
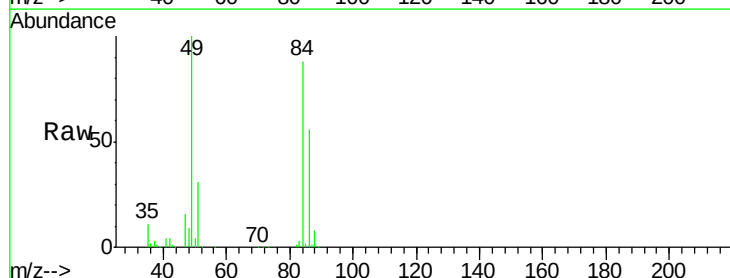
Tgt Ion: 73 Resp: 368401
 Ion Ratio Lower Upper
 73 100
 57 21.4 19.0 28.6

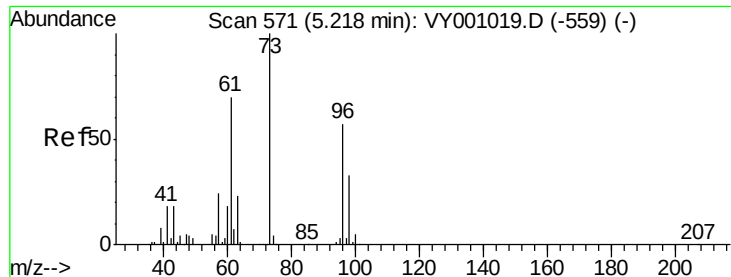


#20

Methylene Chloride
 Concen: 48.342 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 84 Resp: 166200
 Ion Ratio Lower Upper
 84 100
 49 113.4 99.8 149.6
 51 35.2 31.4 47.2
 86 63.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.874 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

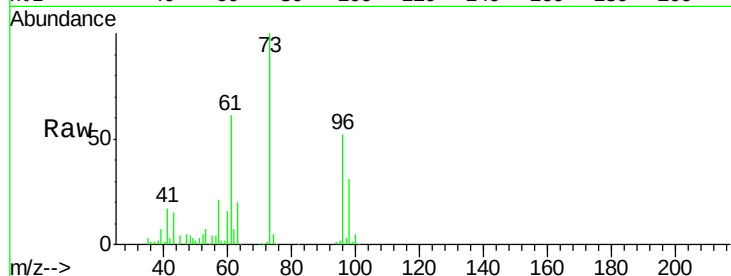
Tgt Ion: 96 Resp: 153226

Ion Ratio Lower Upper

96 100

61 117.6 98.1 147.1

98 59.7 47.2 70.8

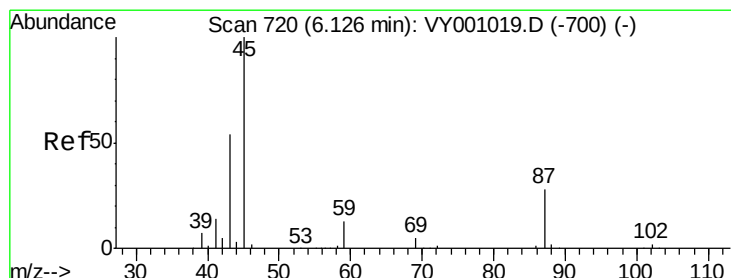
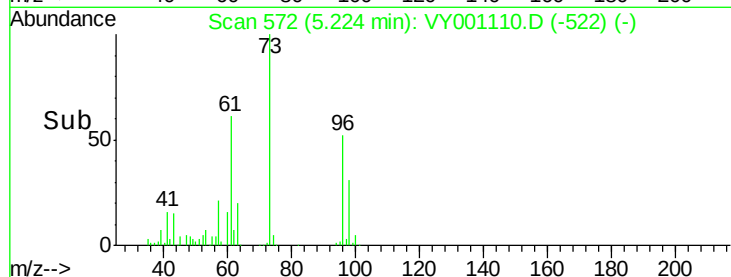
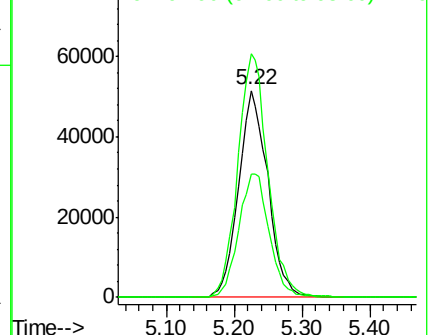


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 47.961 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Tgt Ion: 45 Resp: 434929

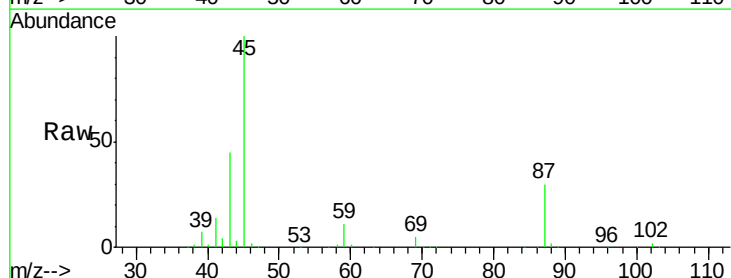
Ion Ratio Lower Upper

45 100

43 44.6 43.6 65.4

87 30.5 23.1 34.7

59 11.0 10.2 15.4



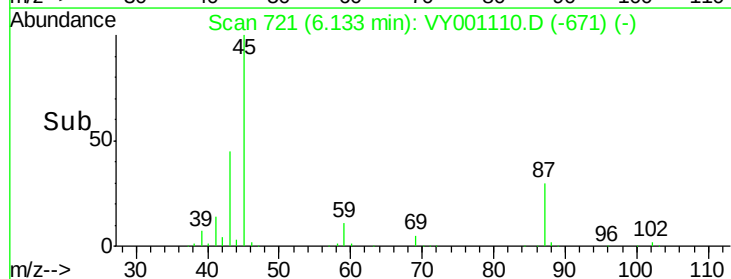
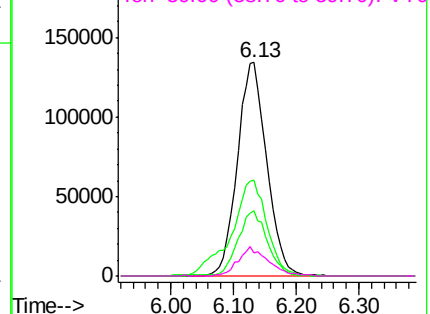
Abundance

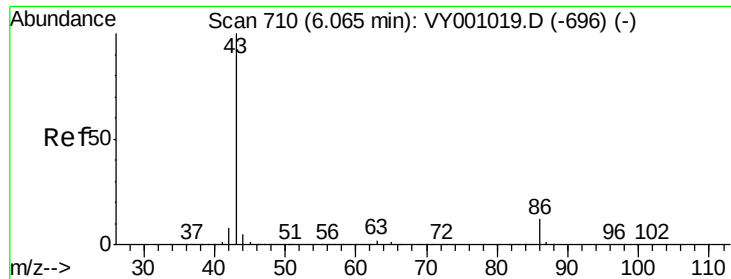
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 41.055 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.07 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

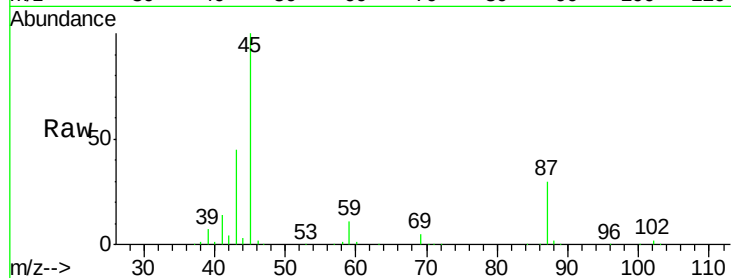
DUNR-BF001-01MS

Tgt Ion: 43 Resp: 235126

Ion Ratio Lower Upper

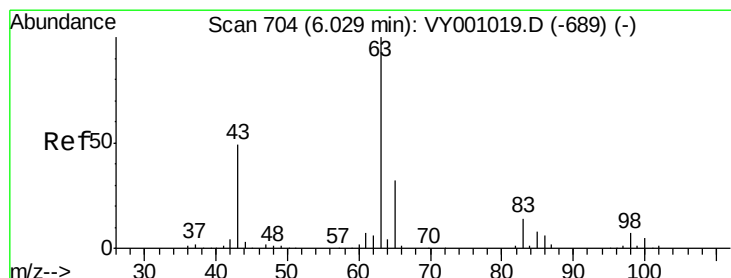
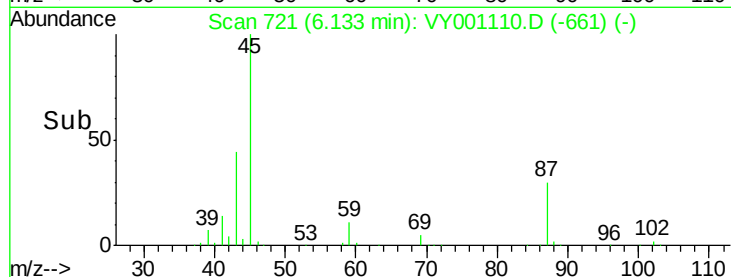
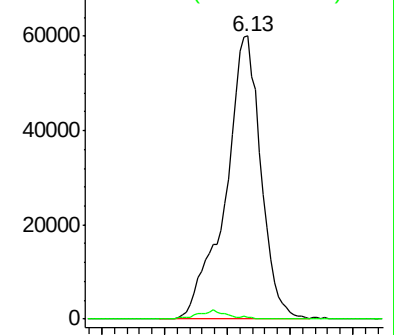
43 100

86 0.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.797 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

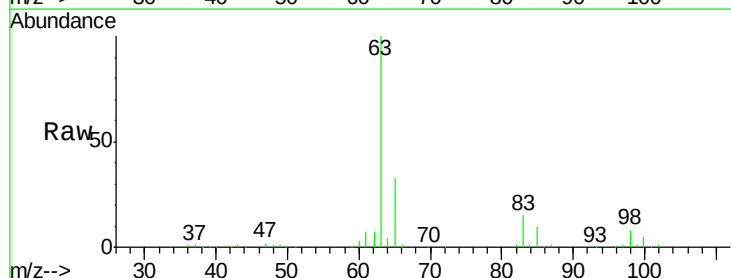
Tgt Ion: 63 Resp: 261500

Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

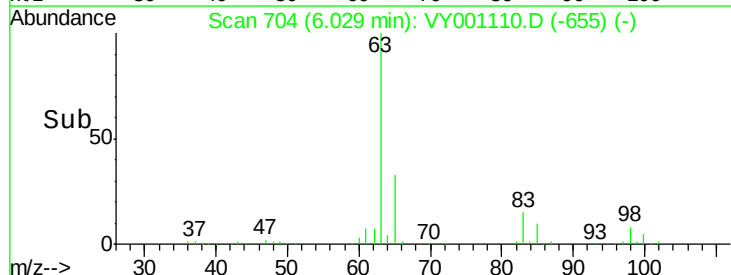
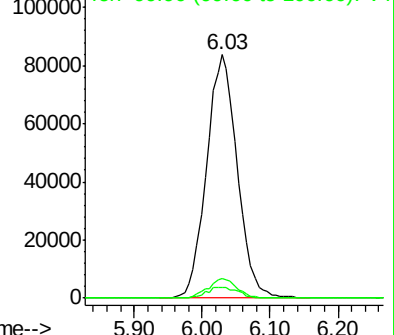
100 4.5 2.5 7.5

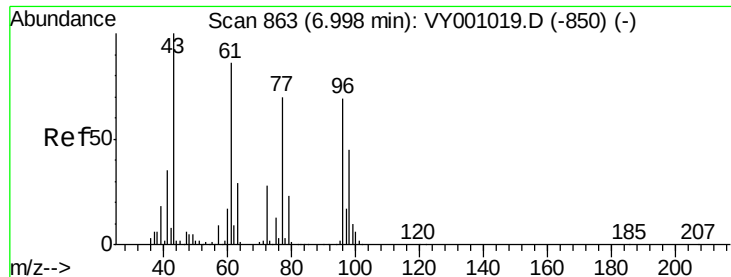


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 215.133 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

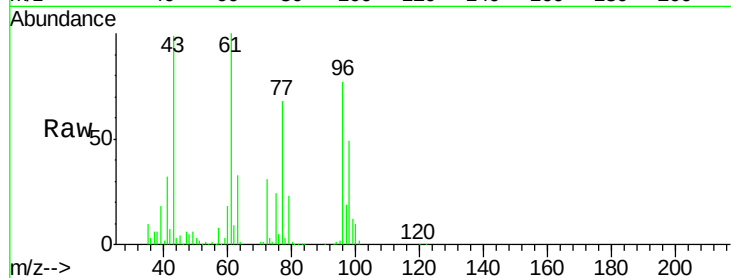
DUNR-BF001-01MS

Tgt Ion: 43 Resp: 220749

Ion Ratio Lower Upper

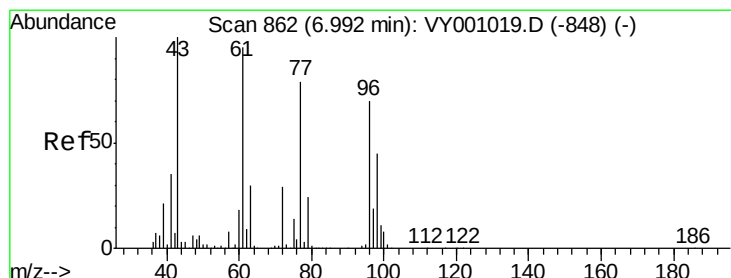
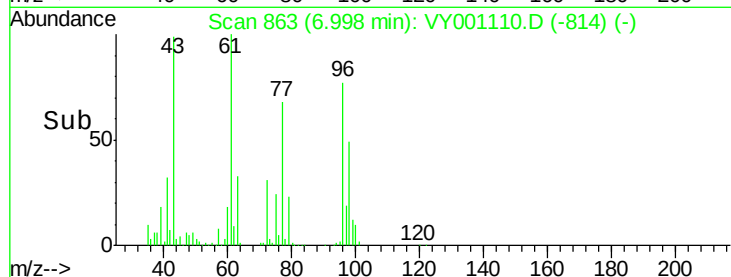
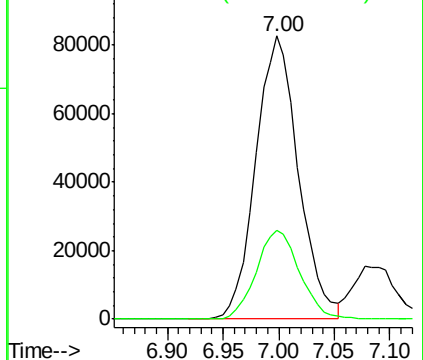
43 100

72 31.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 43.561 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001110.D

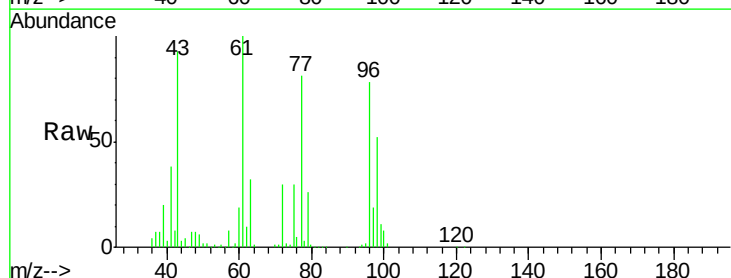
Acq: 27 Dec 2019 19:46

Tgt Ion: 77 Resp: 191793

Ion Ratio Lower Upper

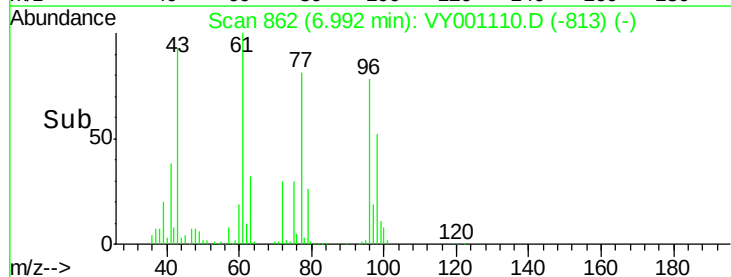
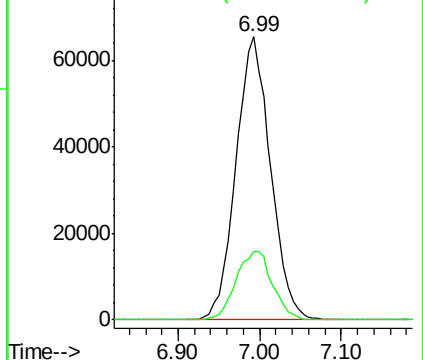
77 100

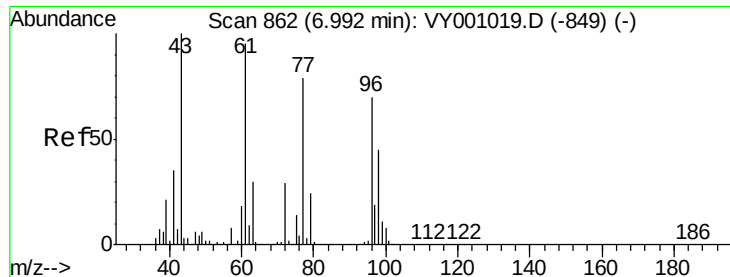
97 25.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



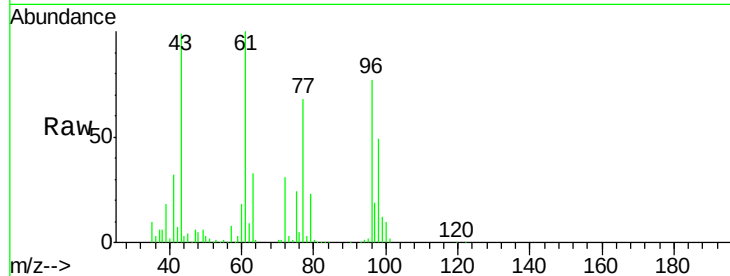


#27

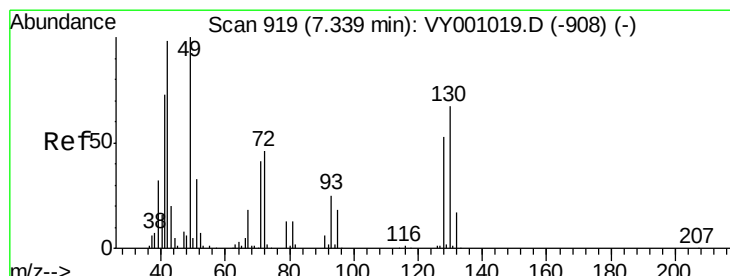
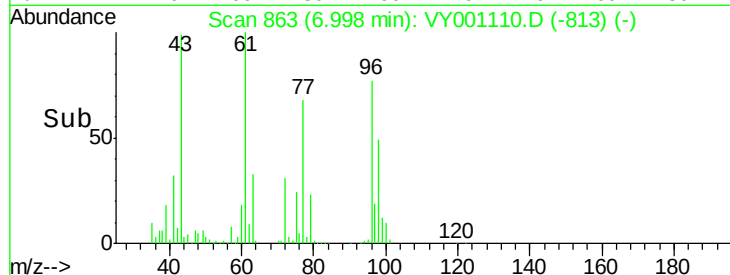
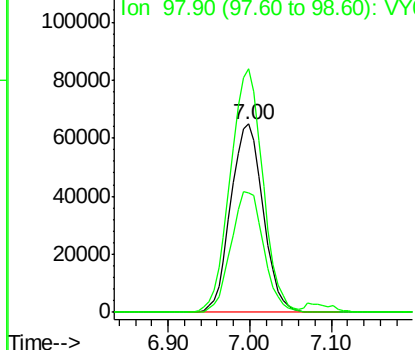
cis-1,2-Dichloroethene
 Concen: 50.641 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tgt Ion: 96 Resp: 178070
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 268.2
 98 64.7 0.0 129.2



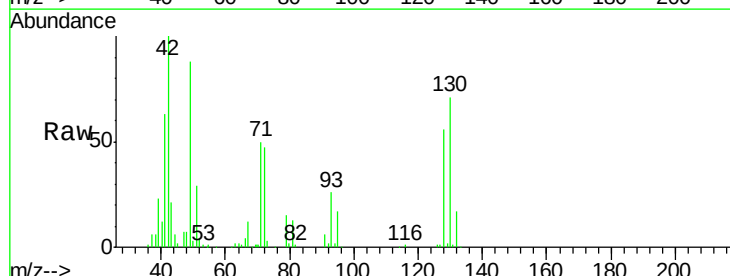
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



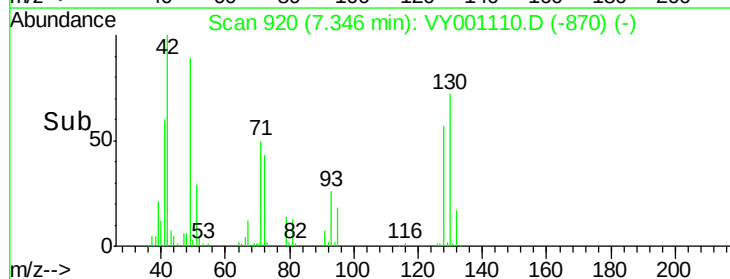
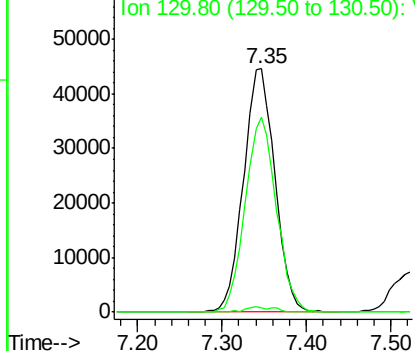
#28

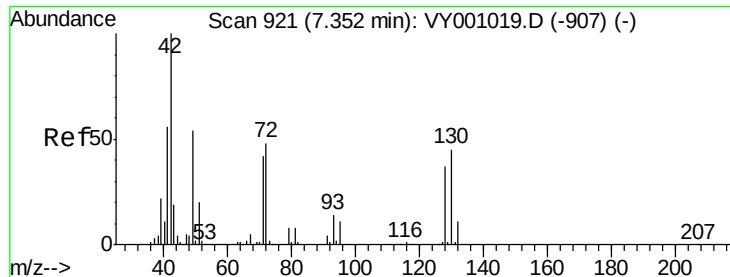
Bromochloromethane
 Concen: 53.687 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 49 Resp: 112255
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 79.3 60.4 90.6



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

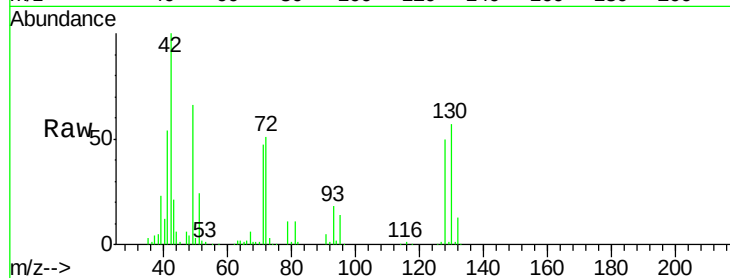




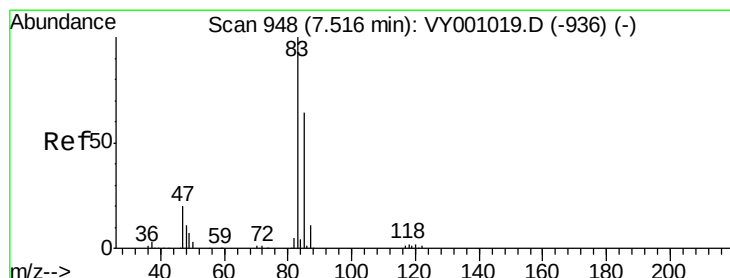
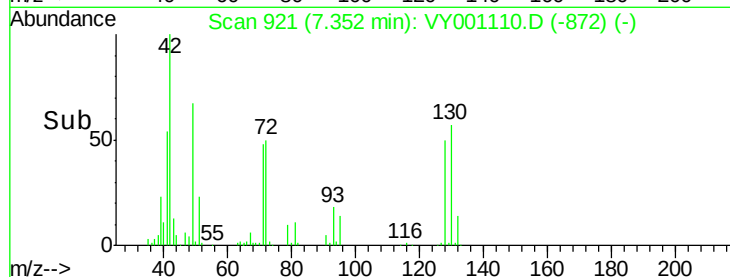
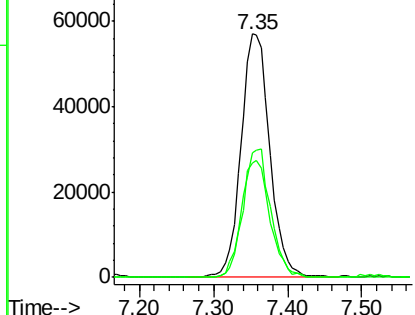
#29
Tetrahydrofuran
Concen: 212.320 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tgt Ion: 42 Resp: 154971
Ion Ratio Lower Upper
42 100
72 51.8 37.7 56.5
71 46.7 34.6 51.8

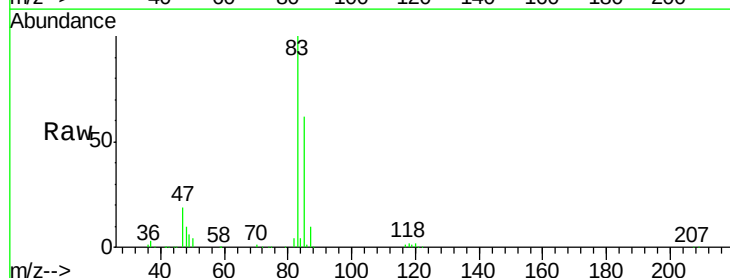


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

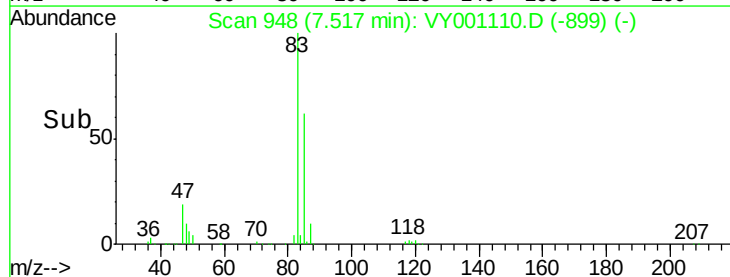
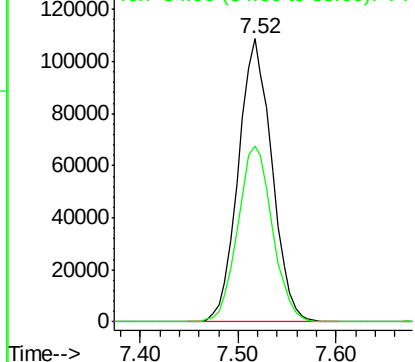


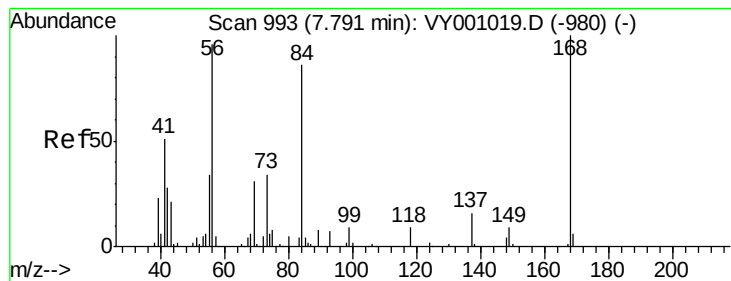
#30
Chloroform
Concen: 51.188 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 83 Resp: 259387
Ion Ratio Lower Upper
83 100
85 62.0 51.6 77.4



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





#31

Cyclohexane

Concen: 36.982 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

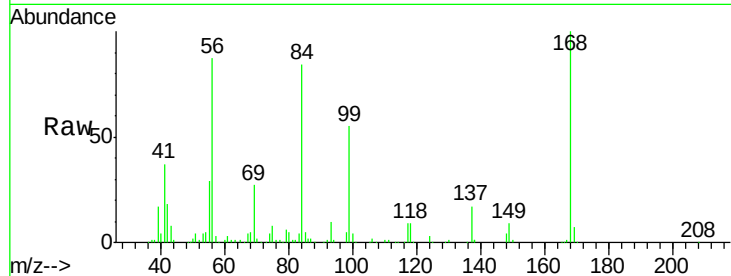
Tgt Ion: 56 Resp: 208401

Ion Ratio Lower Upper

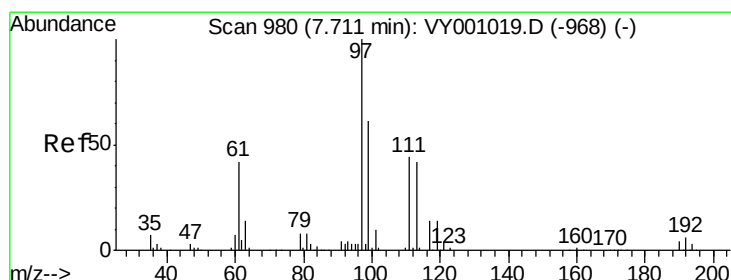
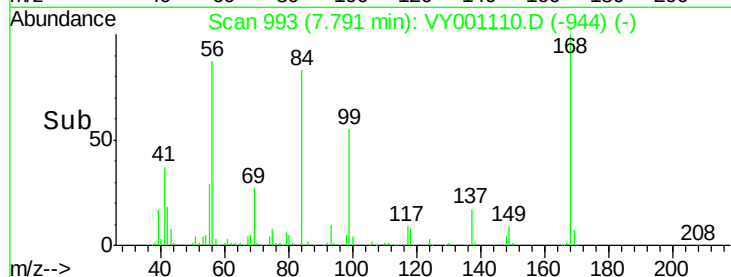
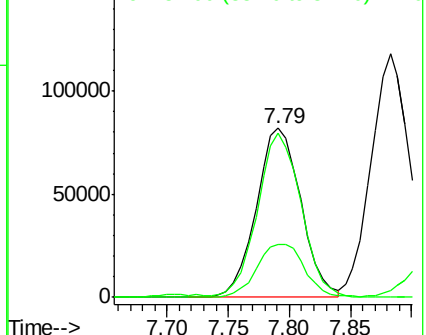
56 100

69 30.6 26.1 39.1

84 96.0 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 48.104 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

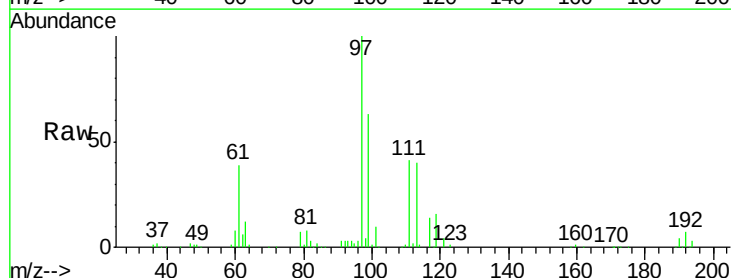
Tgt Ion: 97 Resp: 207936

Ion Ratio Lower Upper

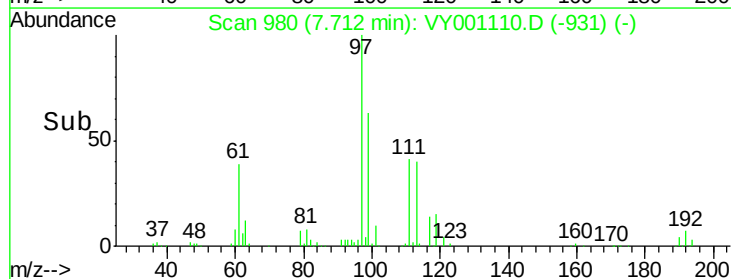
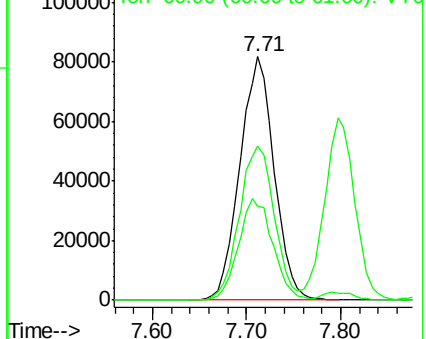
97 100

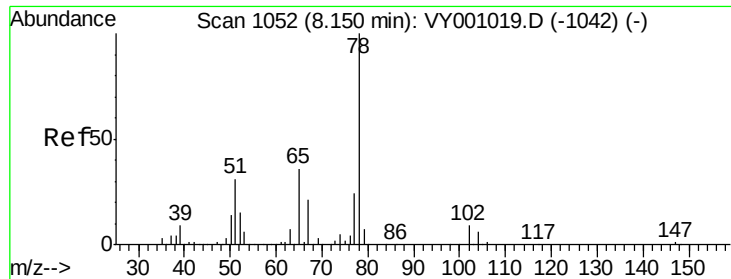
99 64.5 50.6 76.0

61 41.9 33.0 49.6



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

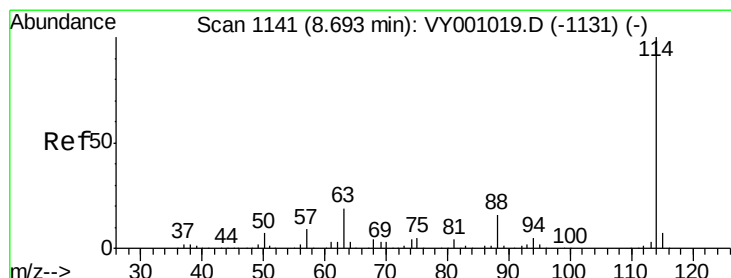
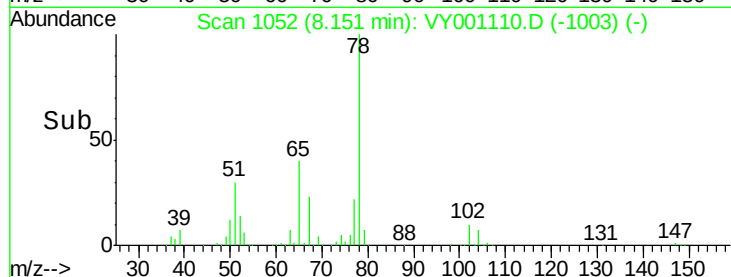
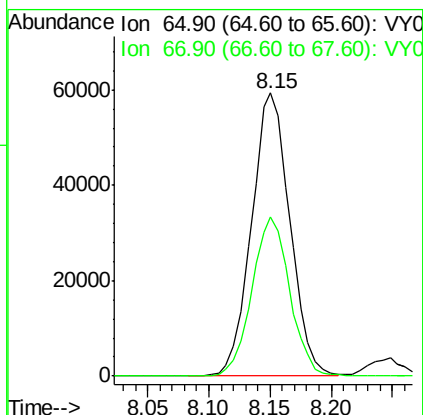
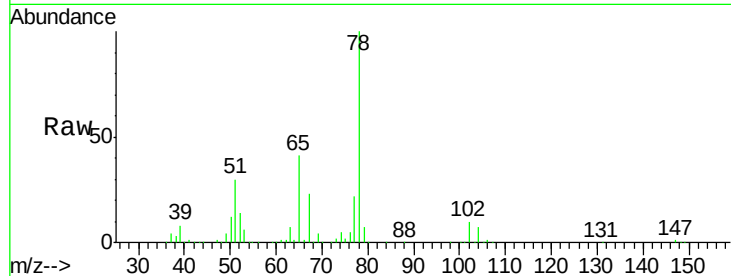




#33
 1,2-Dichloroethane-d4
 Concen: 50.986 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

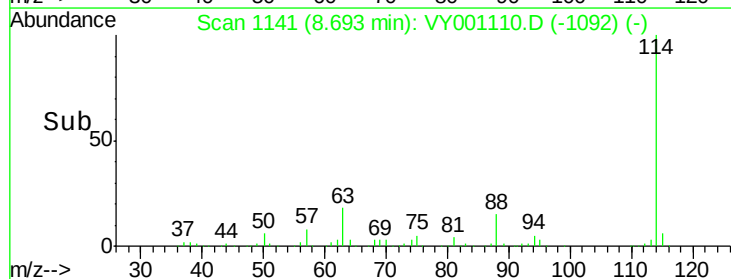
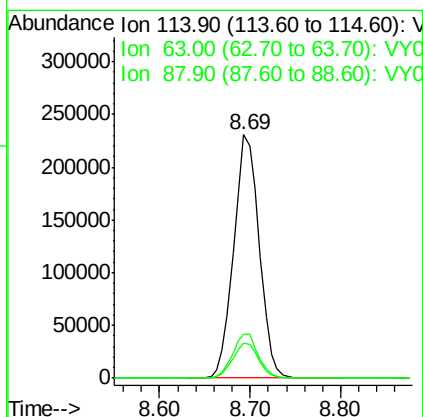
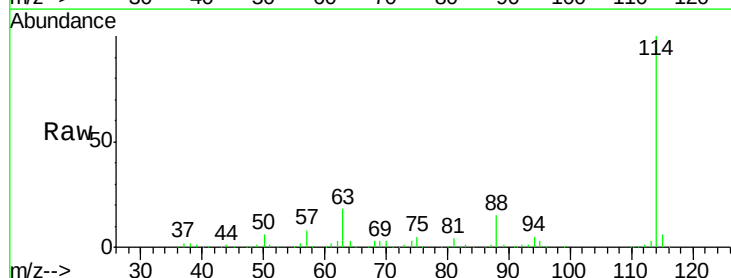
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

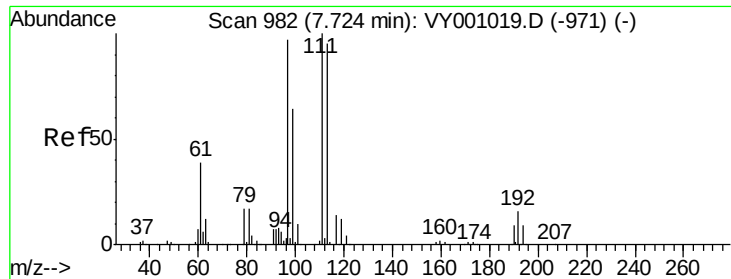
Tgt Ion: 65 Resp: 129271
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 114 Resp: 448540
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 14.6 0.0 32.0

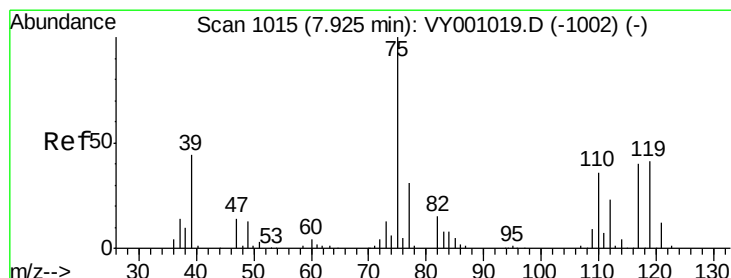
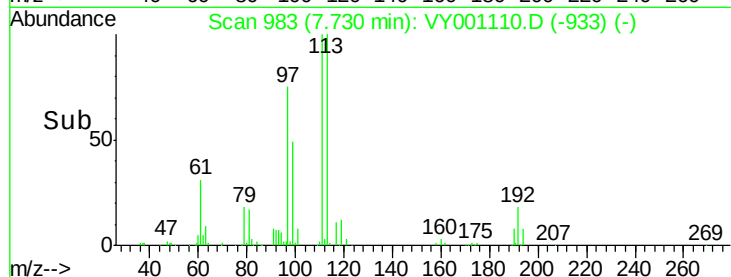
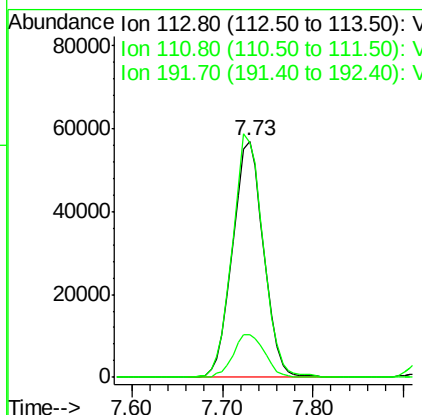
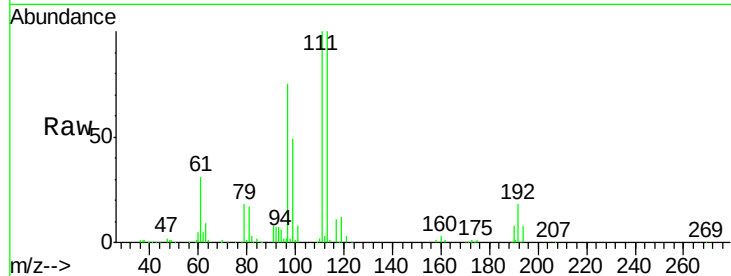




#35
 Dibromofluoromethane
 Concen: 51.028 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

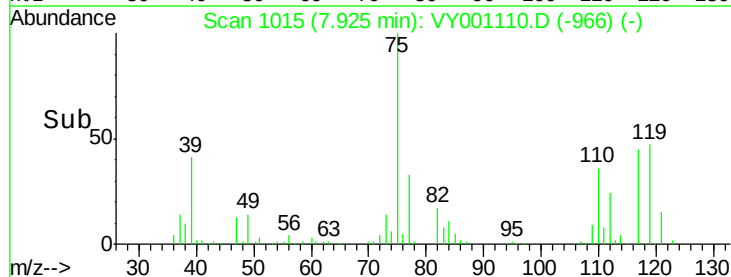
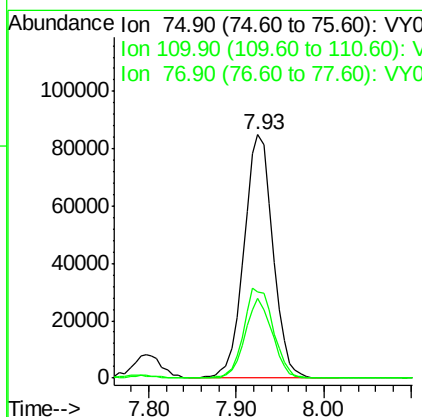
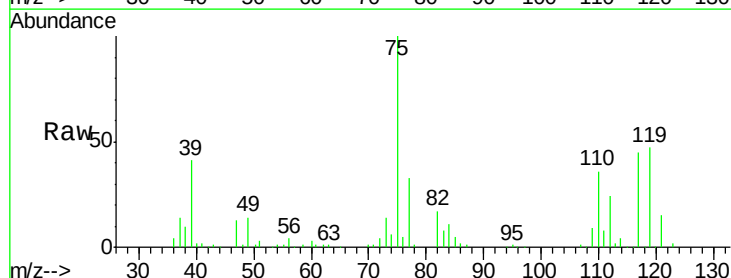
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

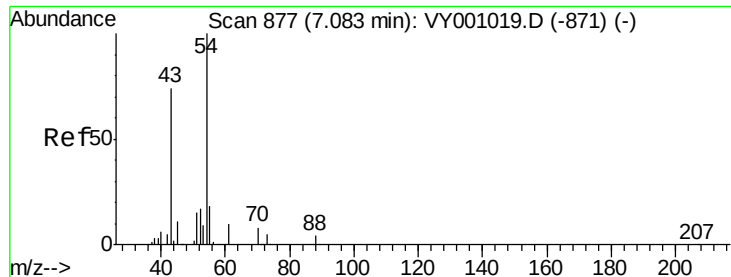
Tgt Ion: 113 Resp: 134779
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 18.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 45.538 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 75 Resp: 194857
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.1 54.4
 77 30.8 24.6 37.0

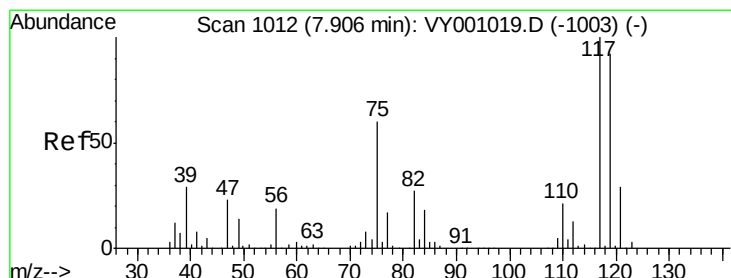
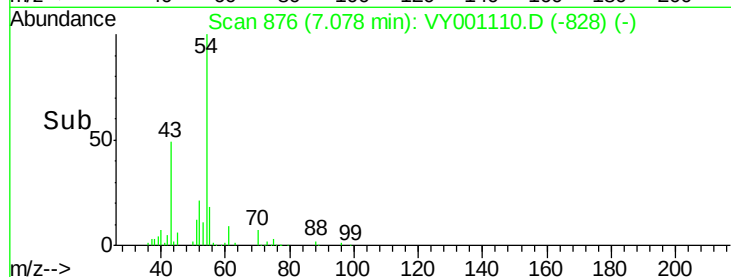
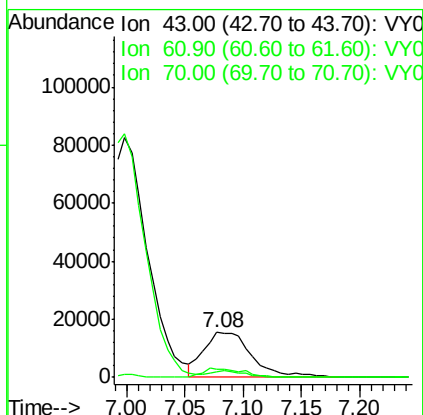
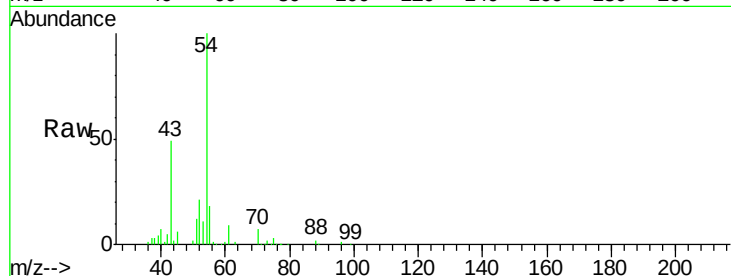




#37
Ethyl Acetate
Concen: 18.464 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

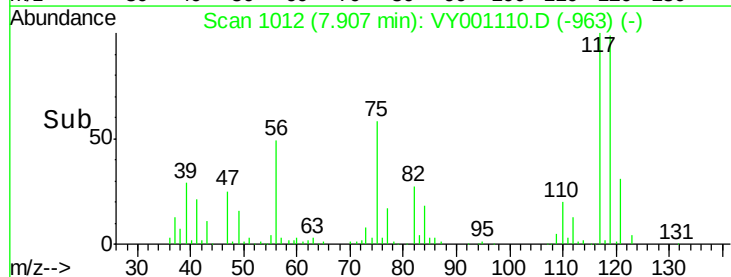
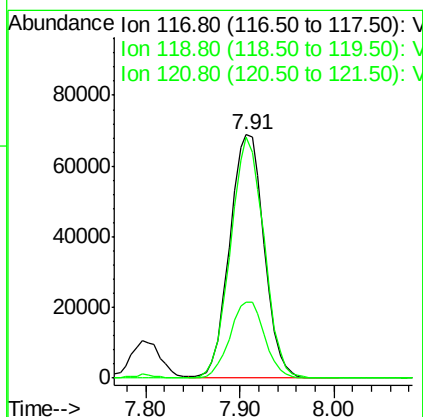
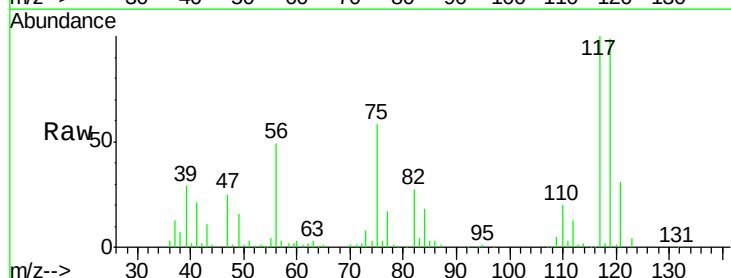
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

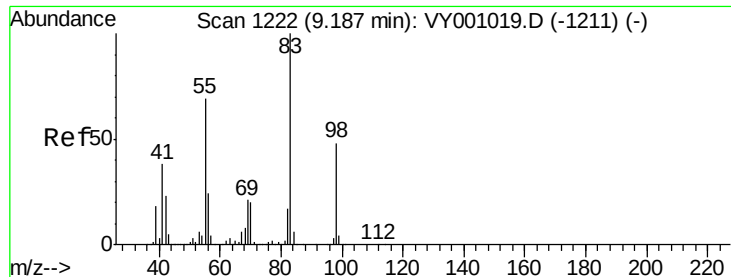
Tgt Ion: 43 Resp: 43747
Ion Ratio Lower Upper
43 100
61 16.4 12.5 18.7
70 12.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 46.727 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 117 Resp: 175184
Ion Ratio Lower Upper
117 100
119 99.3 74.2 111.2
121 31.2 22.9 34.3

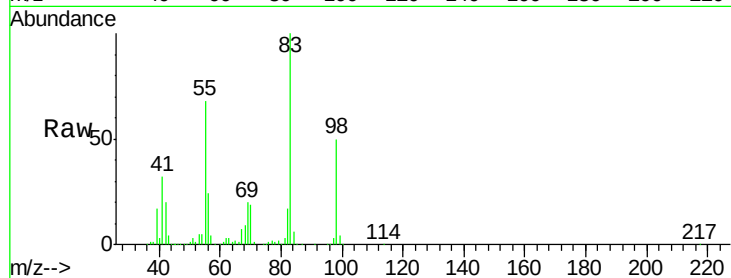




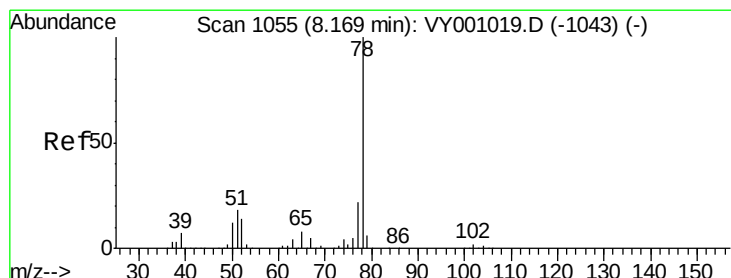
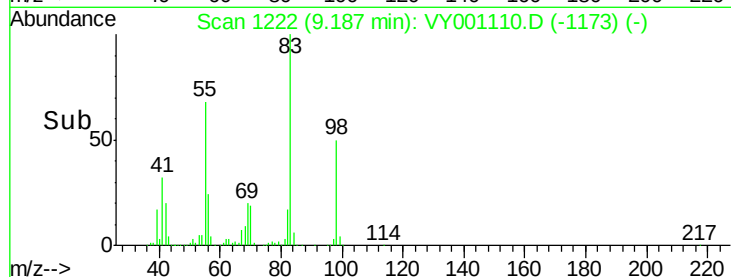
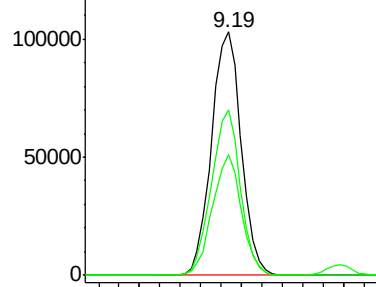
#39
Methylcyclohexane
Concen: 36.669 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tgt Ion: 83 Resp: 208365
Ion Ratio Lower Upper
83 100
55 67.9 55.1 82.7
98 49.6 38.3 57.5

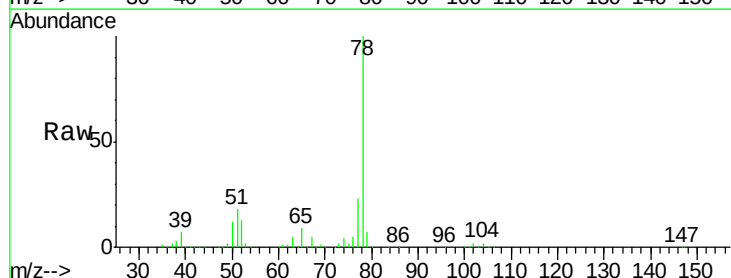


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

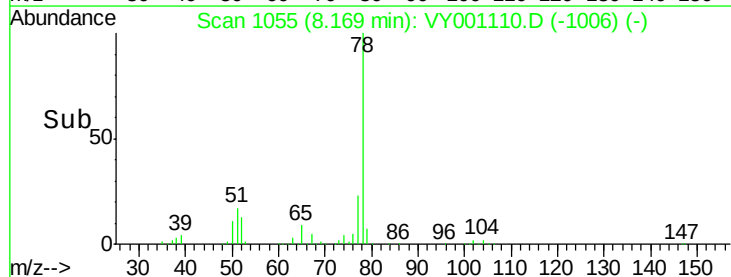
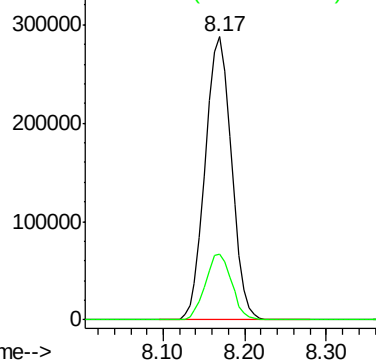


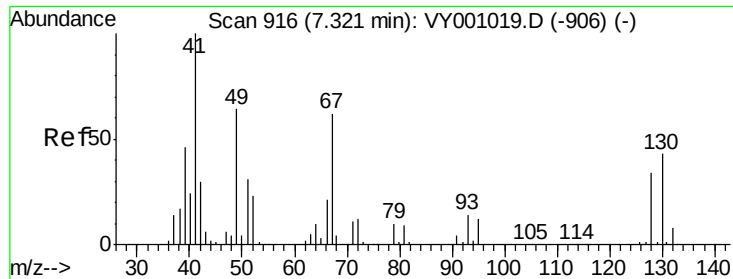
#40
Benzene
Concen: 49.451 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 78 Resp: 638372
Ion Ratio Lower Upper
78 100
77 23.2 17.7 26.5



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

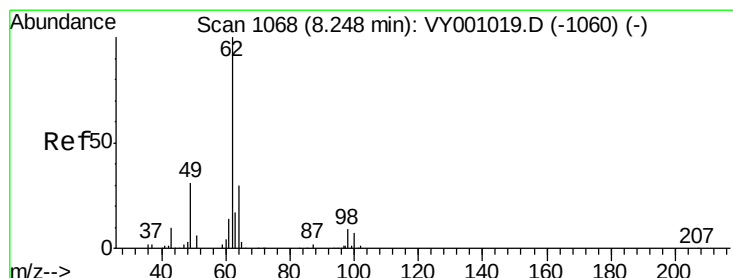
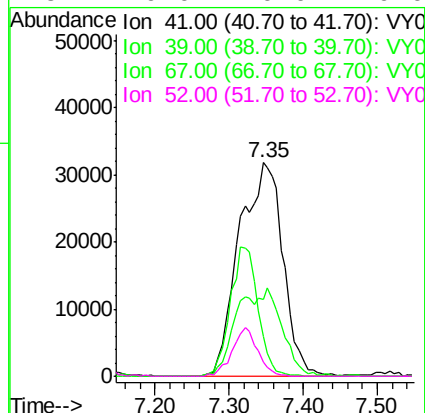
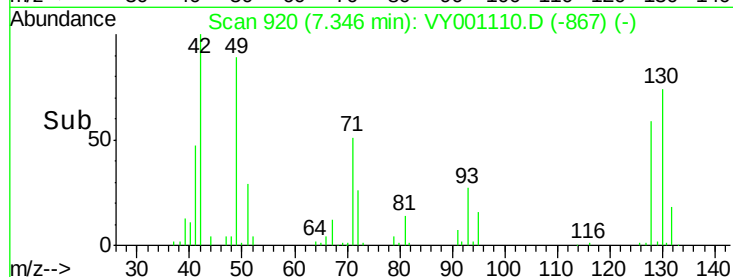
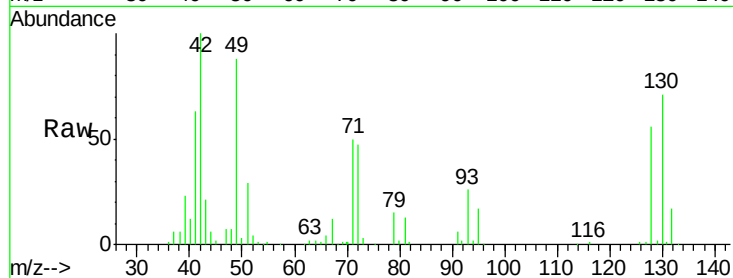




#41
Methacrylonitrile
Concen: 126.855 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

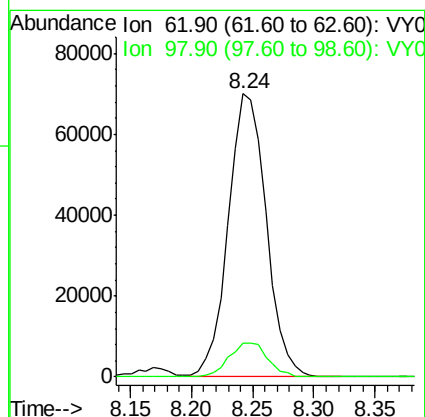
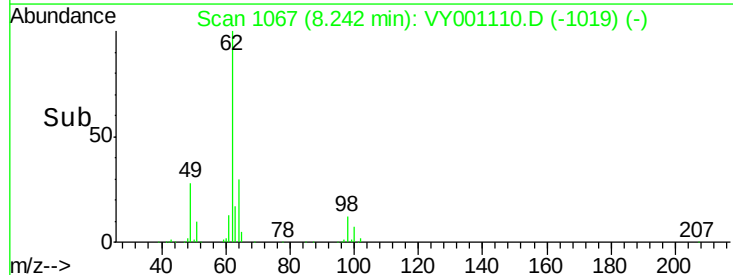
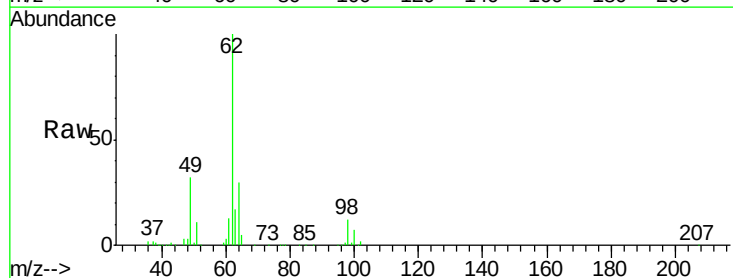
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

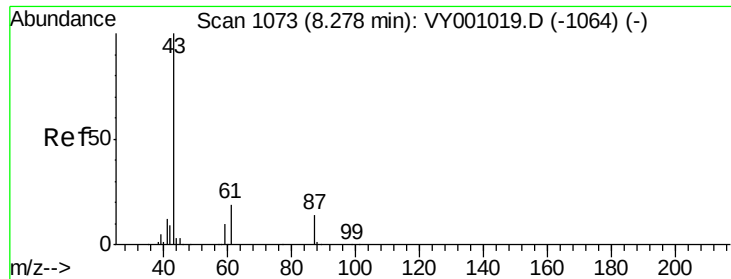
Tgt Ion:	41	Resp:	130310
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.765 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion:	62	Resp:	150508
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	23.4





#43

Isopropyl Acetate

Concen: 25.591 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

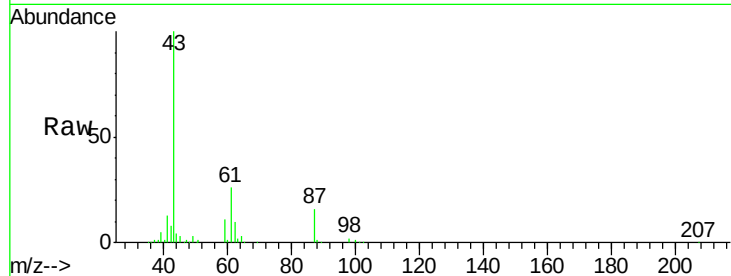
Tgt Ion: 43 Resp: 112242

Ion Ratio Lower Upper

43 100

61 23.7 25.0 37.6#

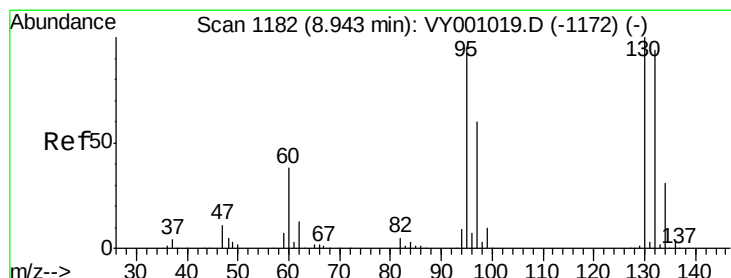
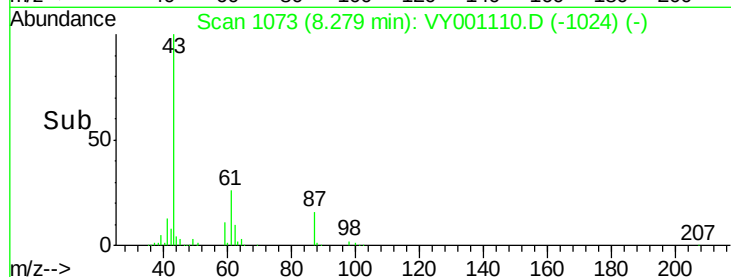
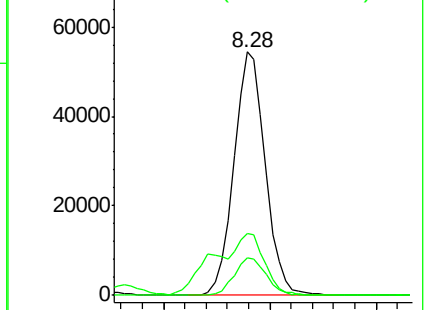
87 15.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001110.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001110.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001110.D (-1064) (-)



#44

Trichloroethene

Concen: 48.089 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001110.D

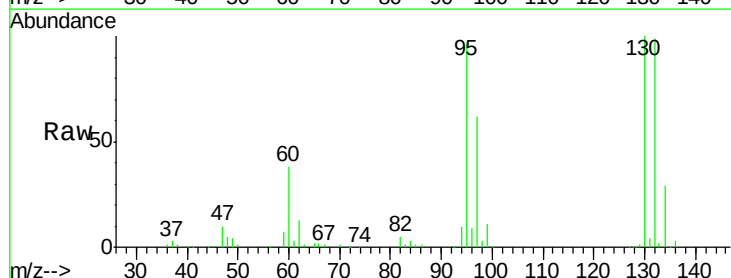
Acq: 27 Dec 2019 19:46

Tgt Ion: 130 Resp: 163566

Ion Ratio Lower Upper

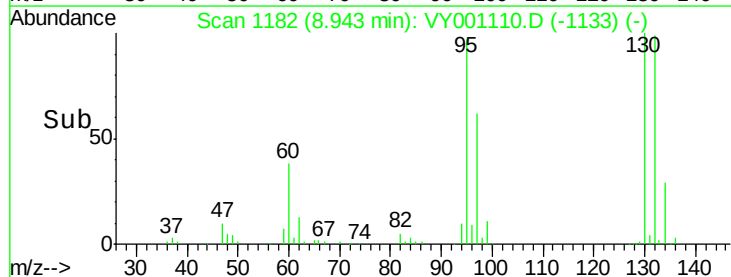
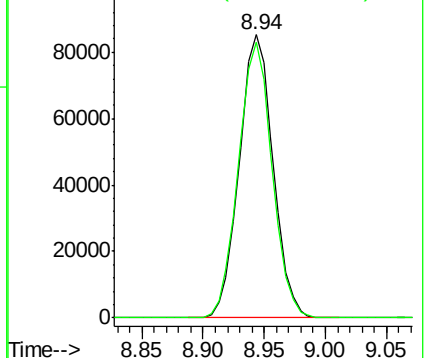
130 100

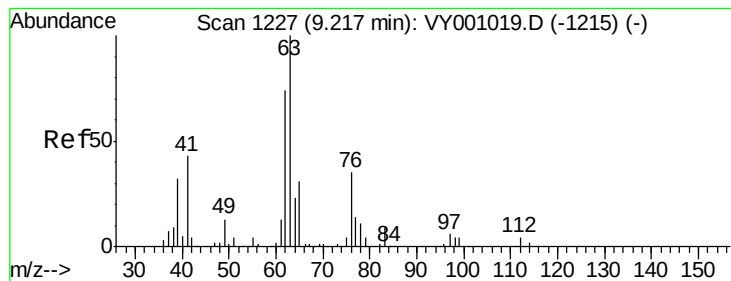
95 97.4 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001110.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY001110.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 48.912 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

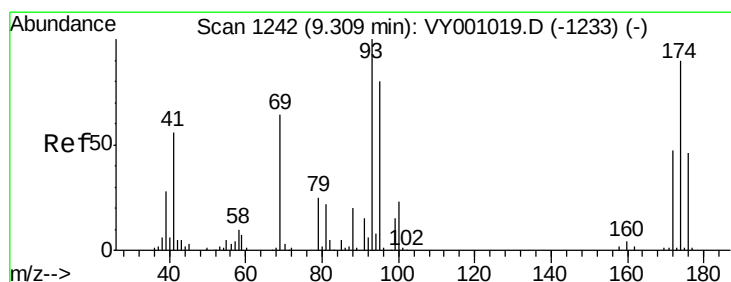
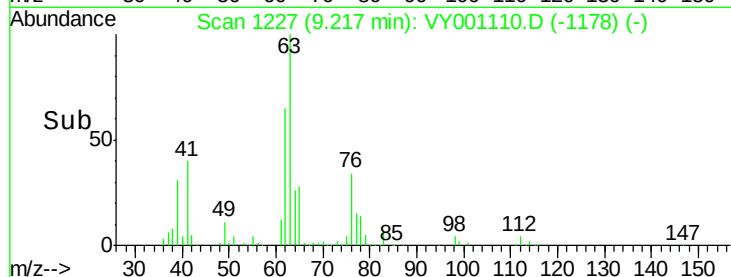
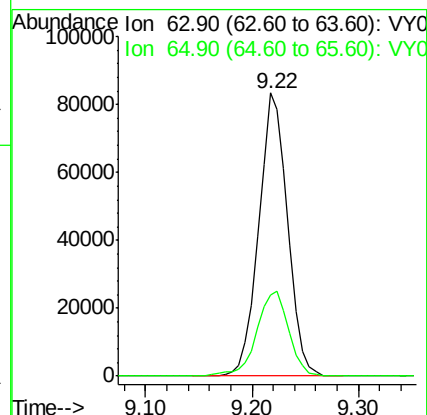
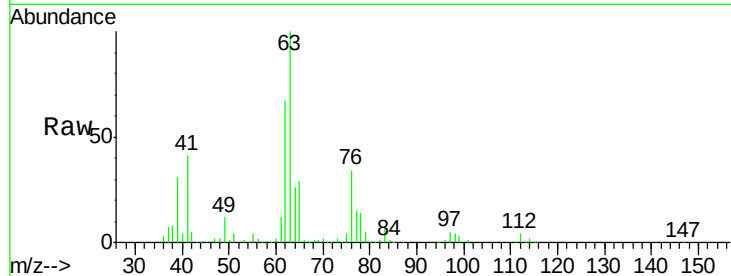
DUNR-BF001-01MS

Tgt Ion: 63 Resp: 158402

Ion Ratio Lower Upper

63 100

65 28.9 25.1 37.7



#46

Dibromomethane

Concen: 49.379 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

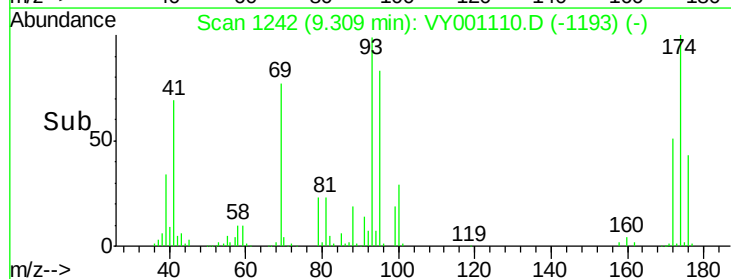
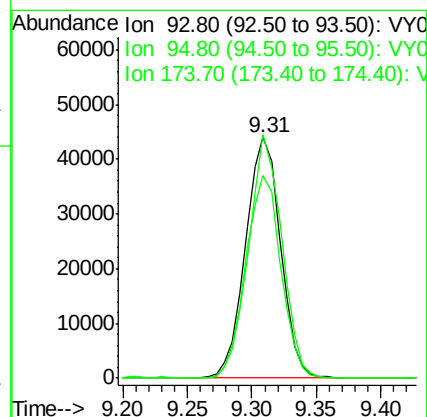
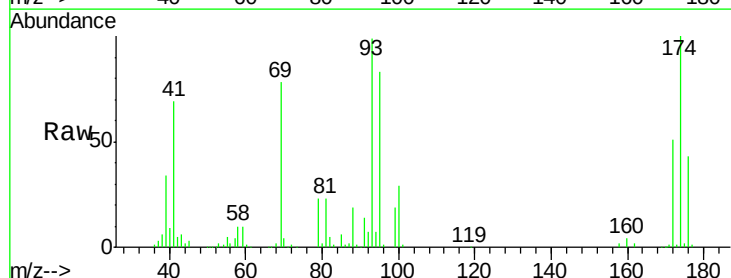
Tgt Ion: 93 Resp: 82434

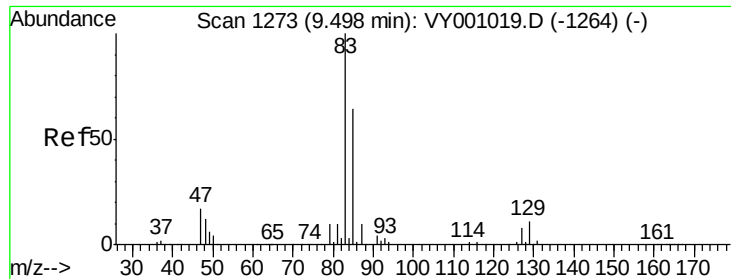
Ion Ratio Lower Upper

93 100

95 84.8 66.7 100.1

174 96.3 73.6 110.4





#47

Bromodichloromethane

Concen: 51.471 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

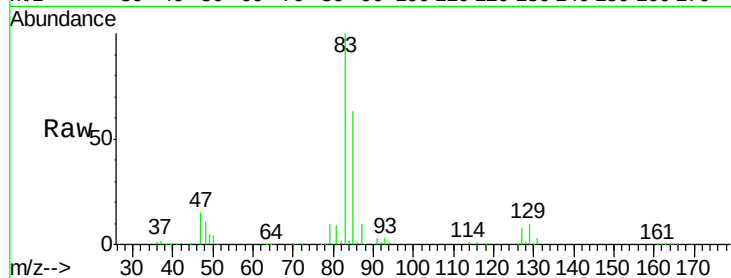
Tgt Ion: 83 Resp: 199038

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

127 7.8 6.4 9.6

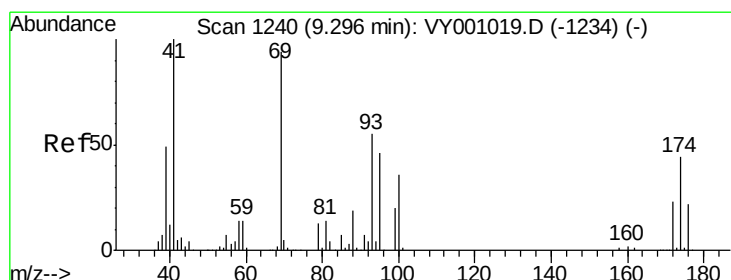
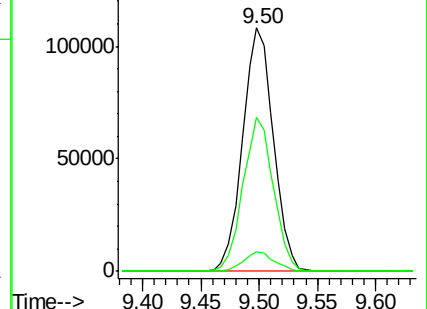
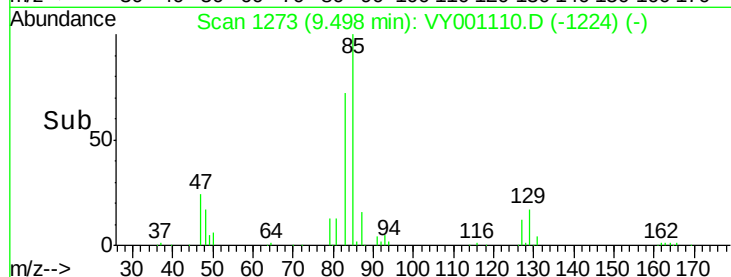


Abundance Ion 82.90 (82.60 to 83.60): VY001110.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY001110.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY001110.D (-1224) (-)

Time-->



#48

Methyl methacrylate

Concen: 58.630 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

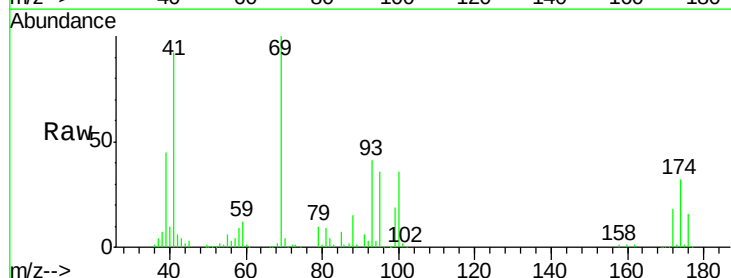
Tgt Ion: 41 Resp: 109738

Ion Ratio Lower Upper

41 100

69 107.5 79.8 119.6

39 51.1 41.7 62.5

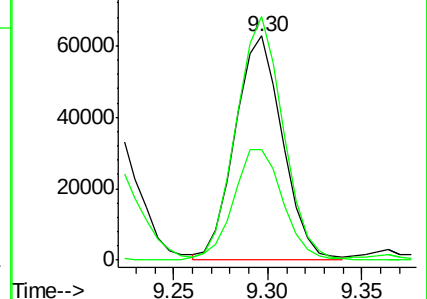
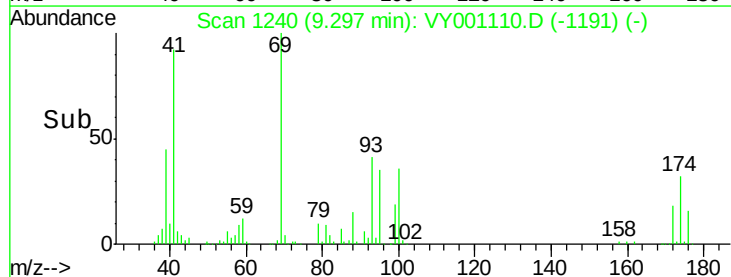


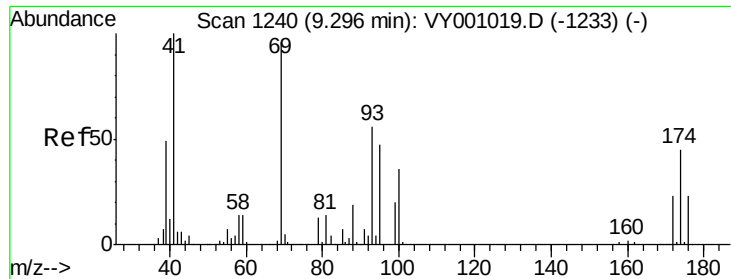
Abundance Ion 41.00 (40.70 to 41.70): VY001110.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY001110.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY001110.D (-1191) (-)

Time-->

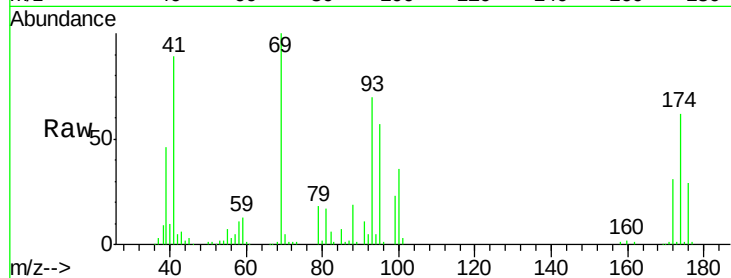




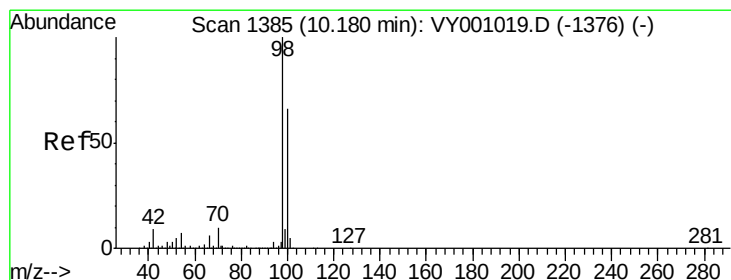
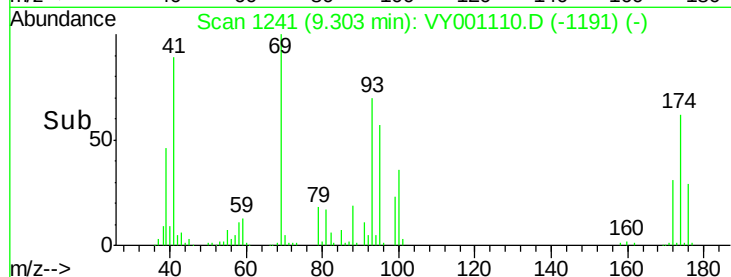
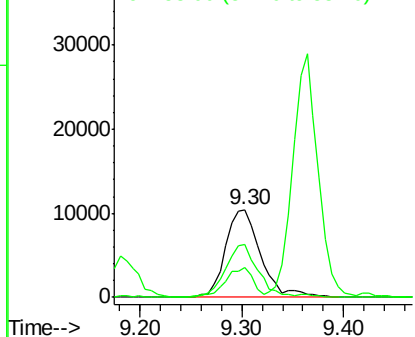
#49
1,4-Dioxane
Concen: 1014.426 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tgt Ion: 88 Resp: 24773
Ion Ratio Lower Upper
88 100
43 26.6 23.0 34.4
58 55.5 54.9 82.3

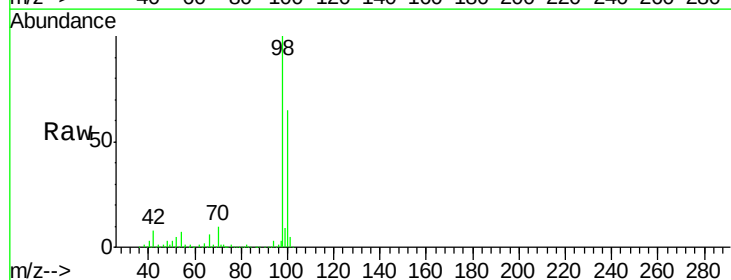


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

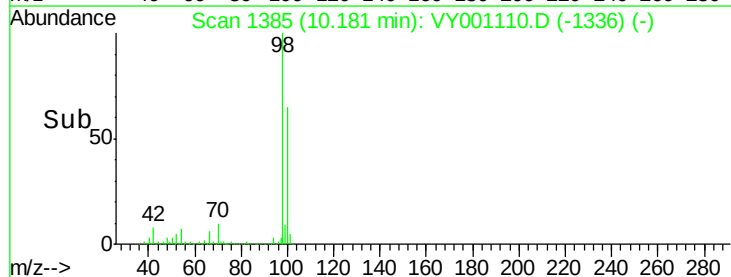
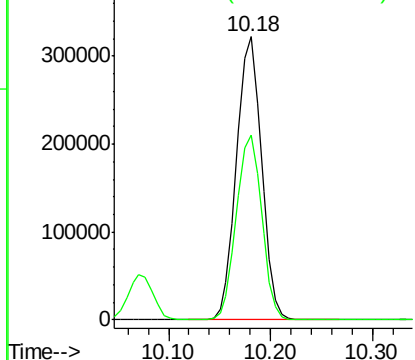


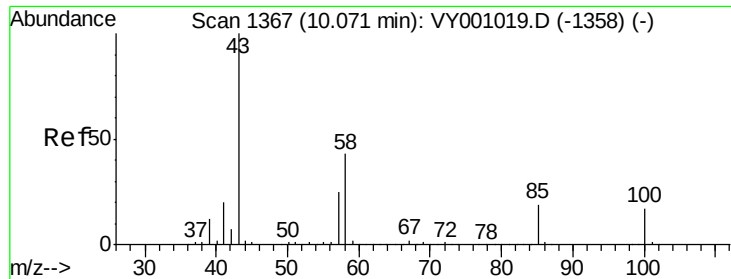
#50
Toluene-d8
Concen: 53.051 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 98 Resp: 547596
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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

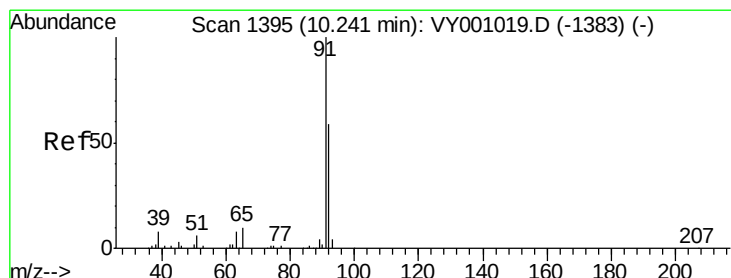
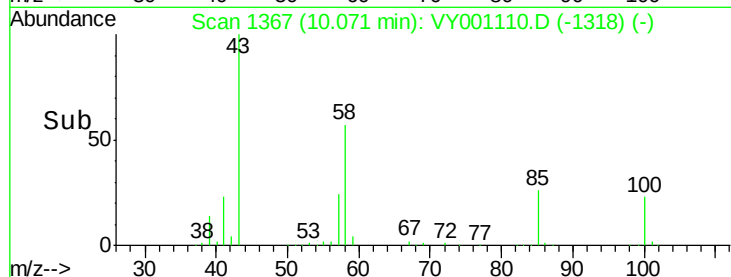
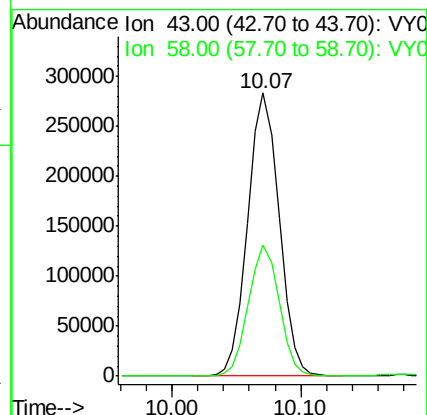
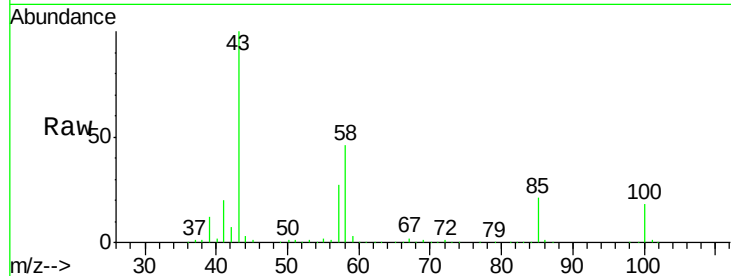




#51
4-Methyl-2-Pentanone
Concen: 208.563 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

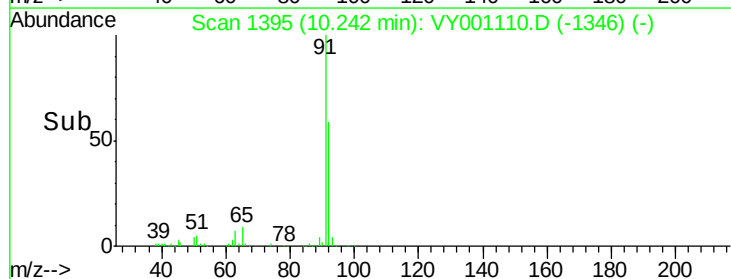
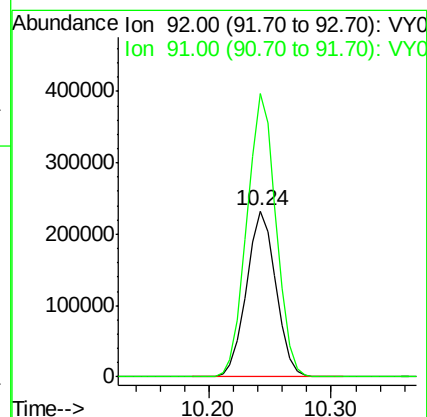
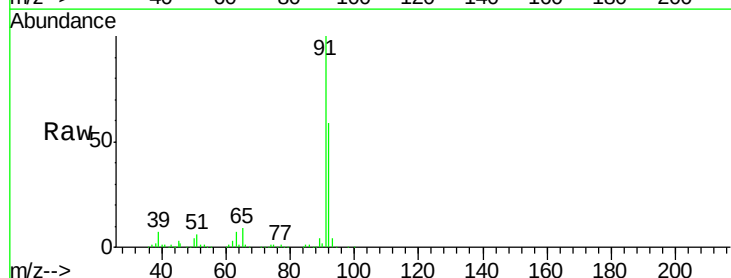
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

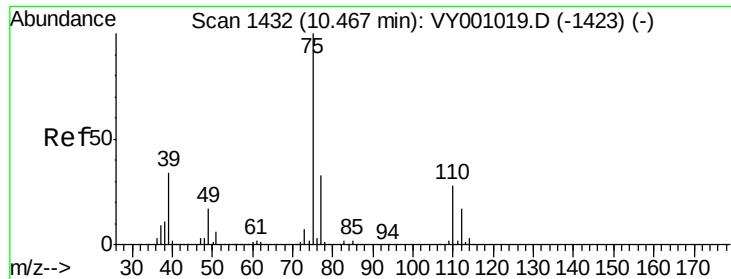
Tgt Ion: 43 Resp: 476790
Ion Ratio Lower Upper
43 100
58 45.4 34.6 52.0



#52
Toluene
Concen: 48.743 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 92 Resp: 387293
Ion Ratio Lower Upper
92 100
91 169.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 48.184 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

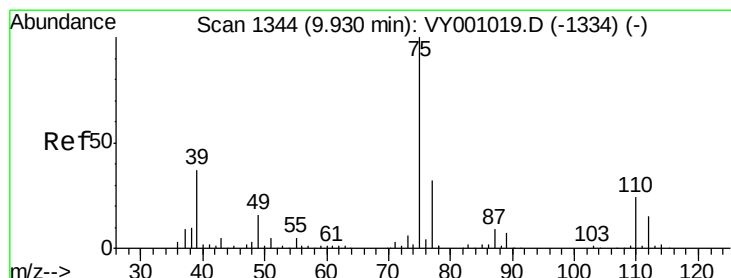
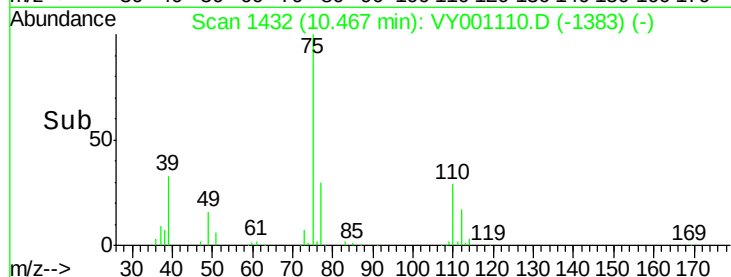
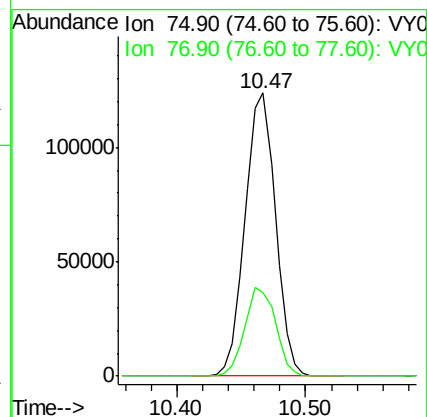
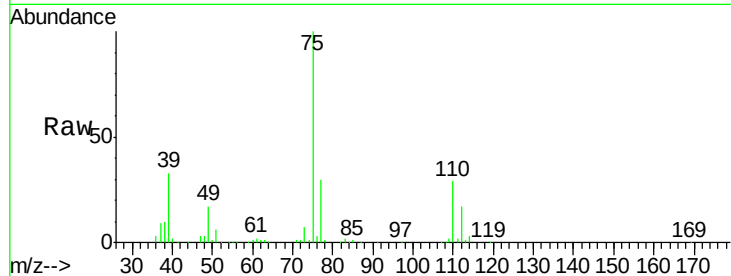
DUNR-BF001-01MS

Tgt Ion: 75 Resp: 202217

Ion Ratio Lower Upper

75 100

77 29.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 48.313 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

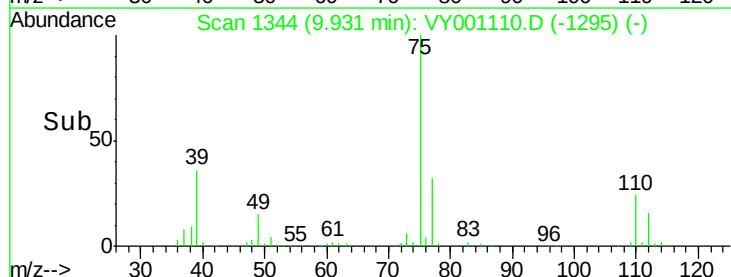
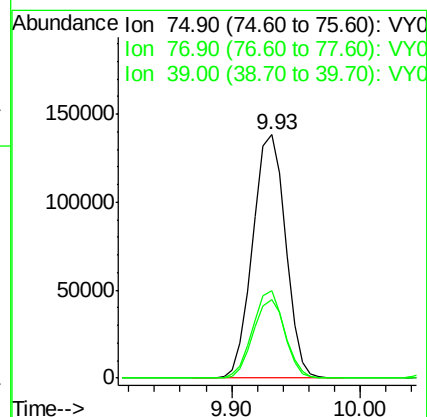
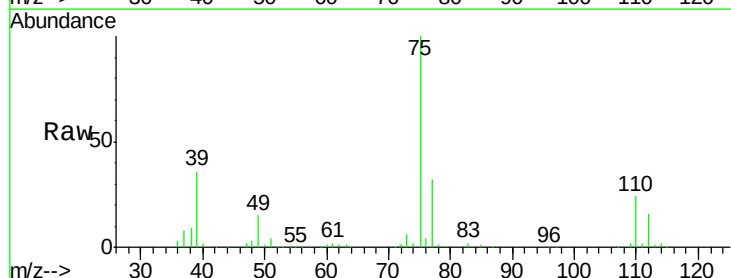
Tgt Ion: 75 Resp: 243809

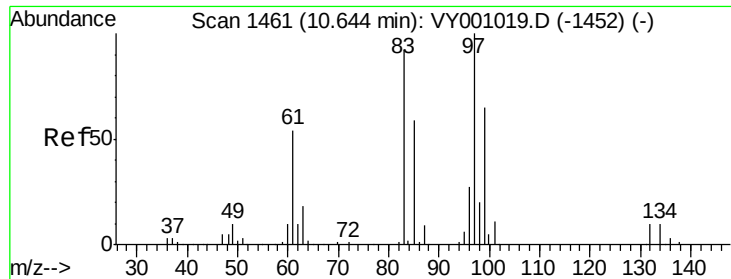
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 35.8 29.5 44.3

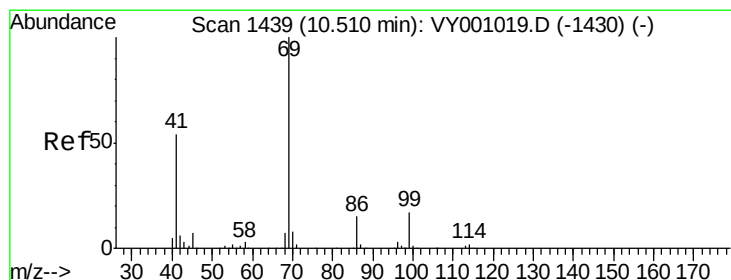
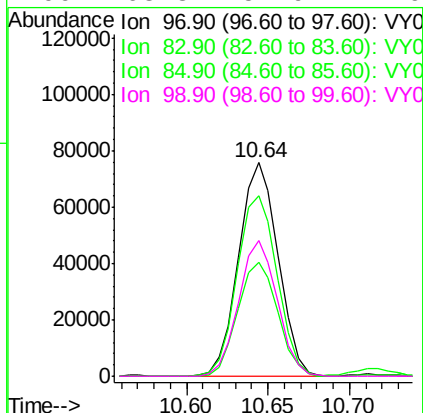
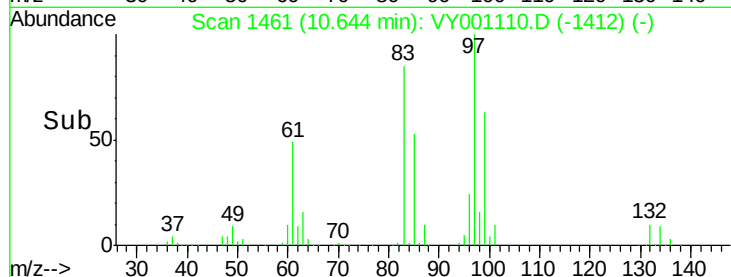
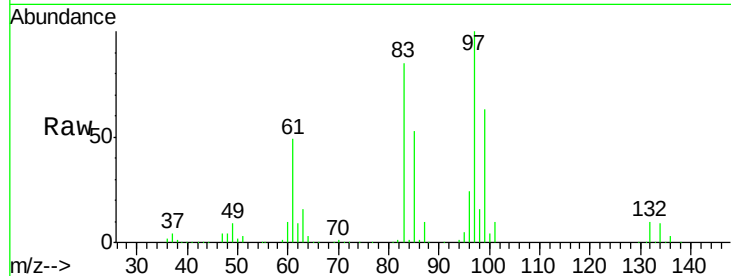




#55
 1,1,2-Trichloroethane
 Concen: 51.234 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

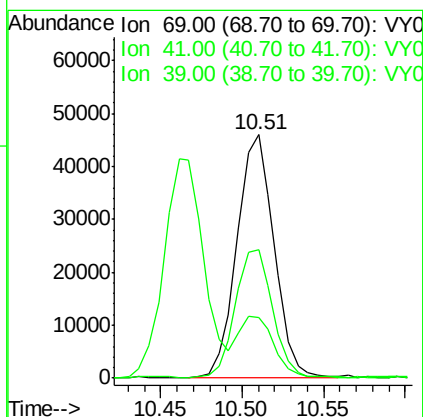
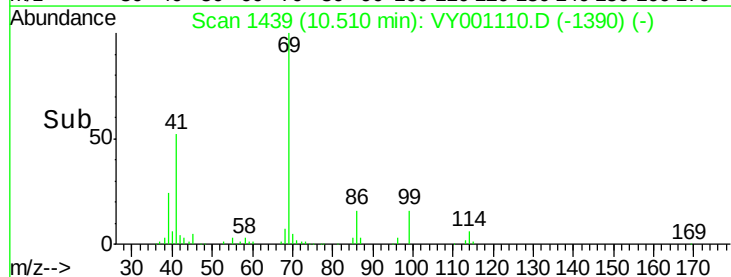
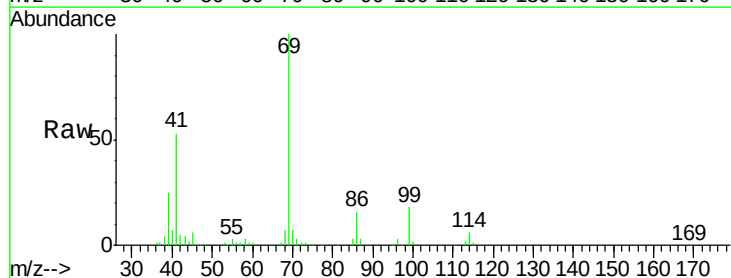
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

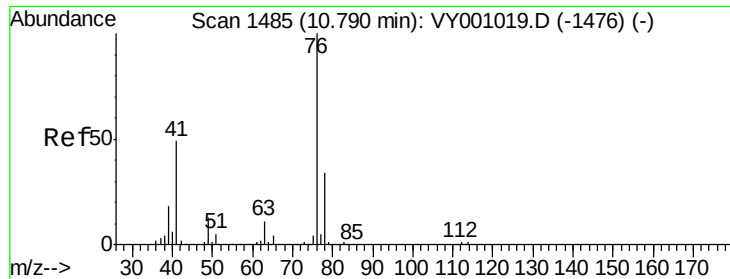
Tgt Ion: 97 Resp: 127688
 Ion Ratio Lower Upper
 97 100
 83 84.8 73.7 110.5
 85 53.3 47.3 70.9
 99 63.3 51.9 77.9



#56
 Ethyl methacrylate
 Concen: 20.617 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion: 69 Resp: 73128
 Ion Ratio Lower Upper
 69 100
 41 52.6 44.7 67.1
 39 24.8 22.2 33.4





#57

1,3-Dichloropropane

Concen: 48.402 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

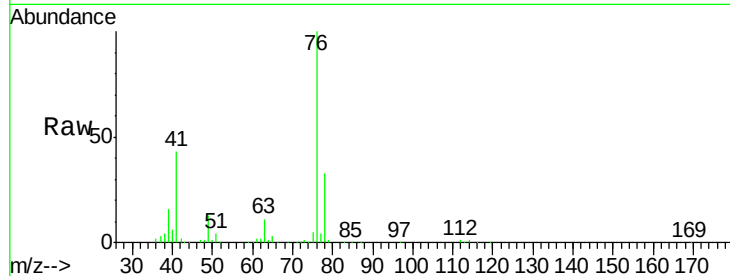
DUNR-BF001-01MS

Tgt Ion: 76 Resp: 211442

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

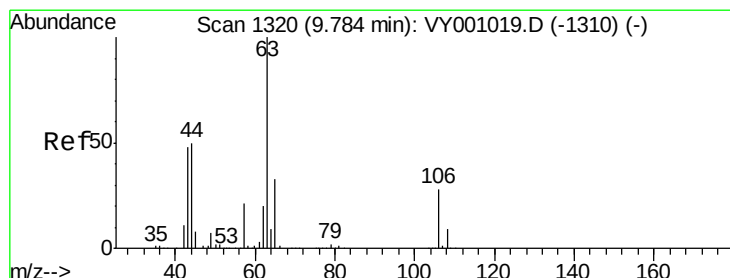
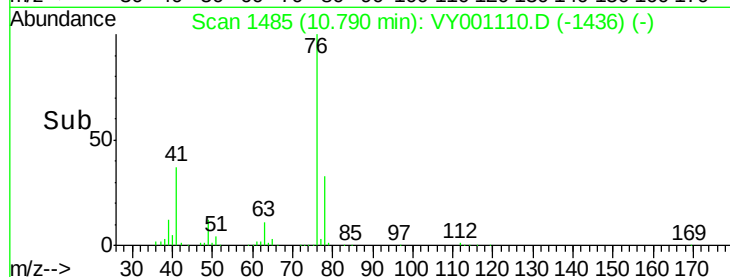
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 205.283 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001110.D

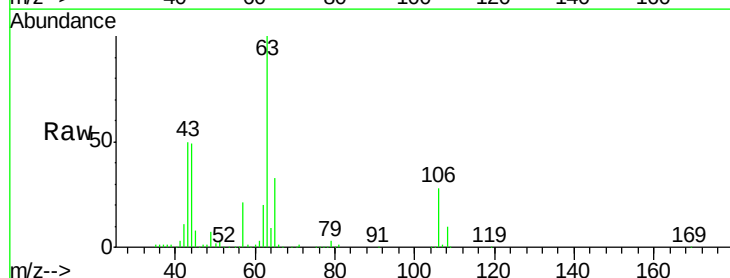
Acq: 27 Dec 2019 19:46

Tgt Ion: 63 Resp: 281238

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

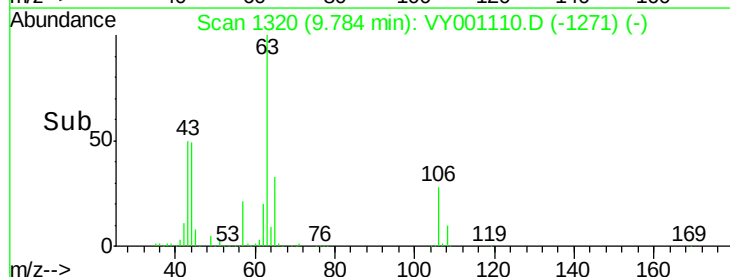
150000

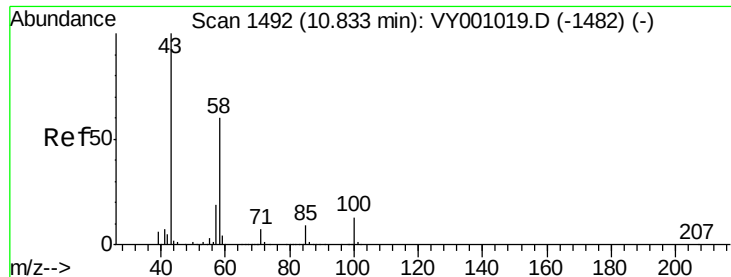
100000

50000

0

Time-->

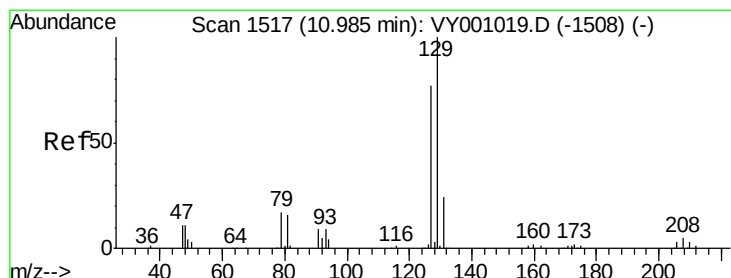
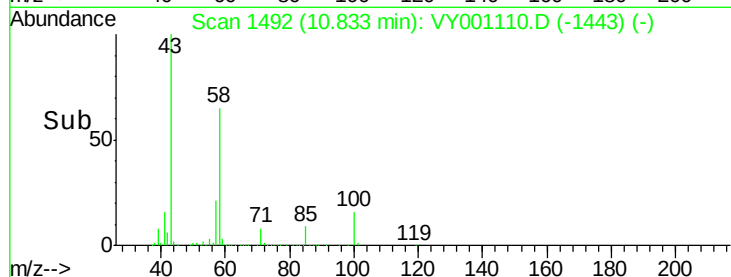
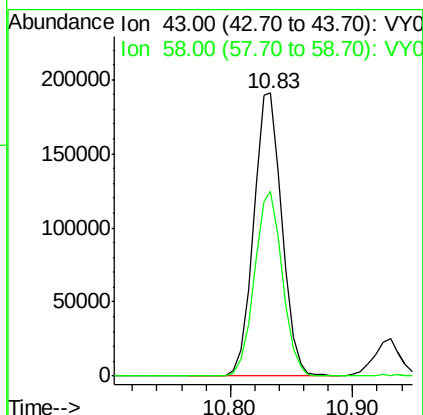
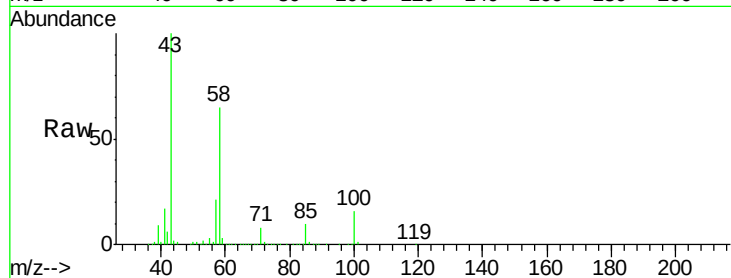




#59
2-Hexanone
Concen: 194.263 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

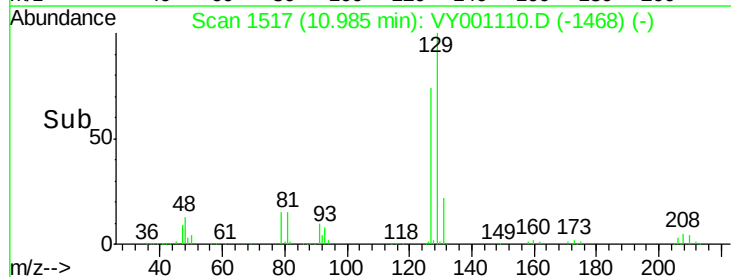
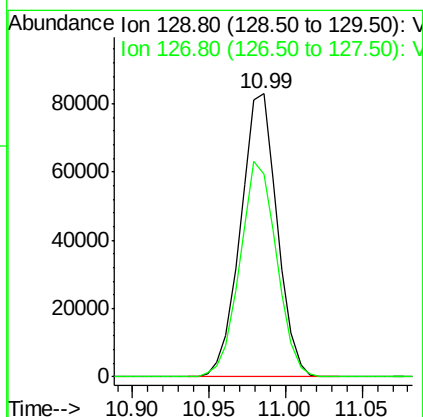
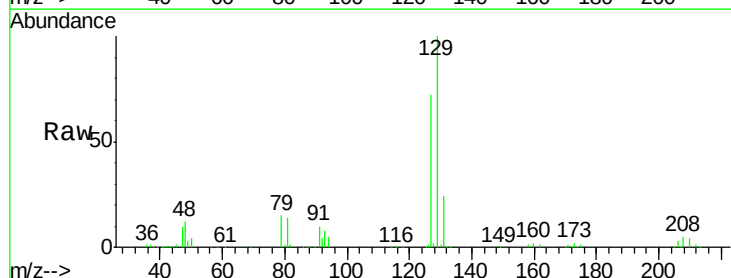
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

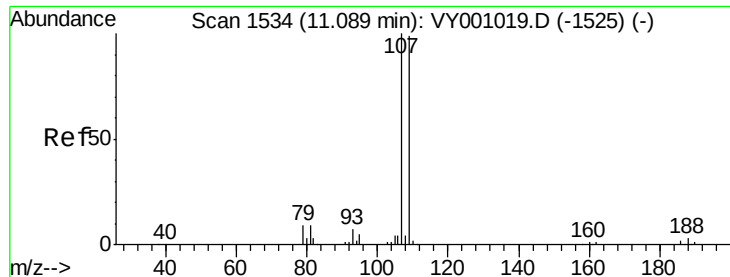
Tgt Ion: 43 Resp: 307291
Ion Ratio Lower Upper
43 100
58 64.4 30.6 91.6



#60
Dibromochloromethane
Concen: 51.604 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 129 Resp: 137378
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.524 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

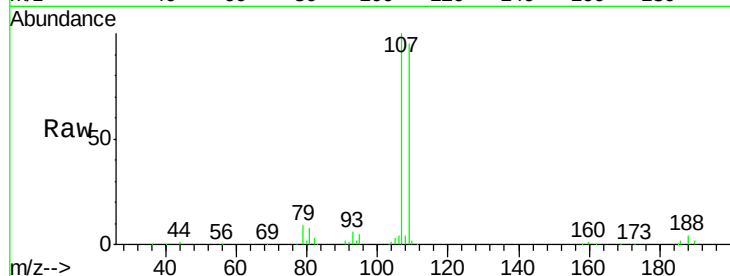
DUNR-BF001-01MS

Tgt Ion: 107 Resp: 115644

Ion Ratio Lower Upper

107 100

109 93.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

80000

60000

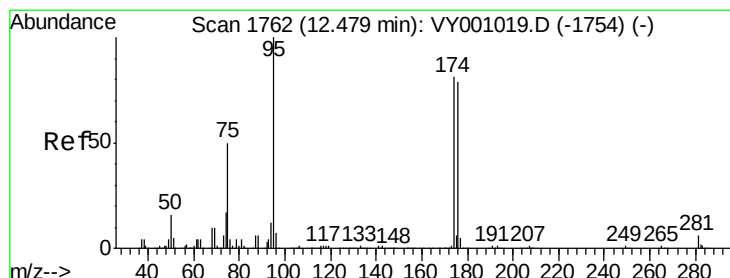
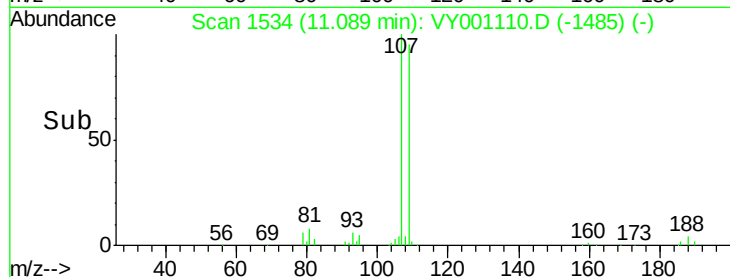
40000

20000

0

Time-->

11.00 11.10



#62

4-Bromofluorobenzene

Concen: 42.366 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

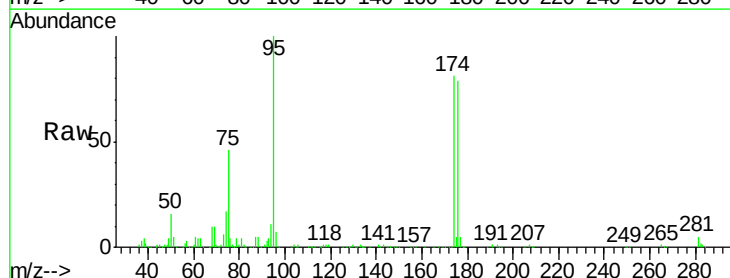
Tgt Ion: 95 Resp: 159885

Ion Ratio Lower Upper

95 100

174 81.9 0.0 156.4

176 77.8 0.0 155.0



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

12.48

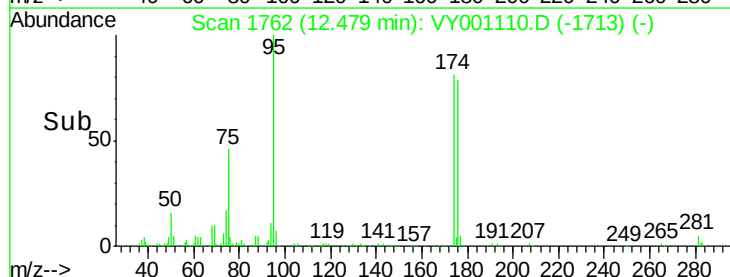
100000

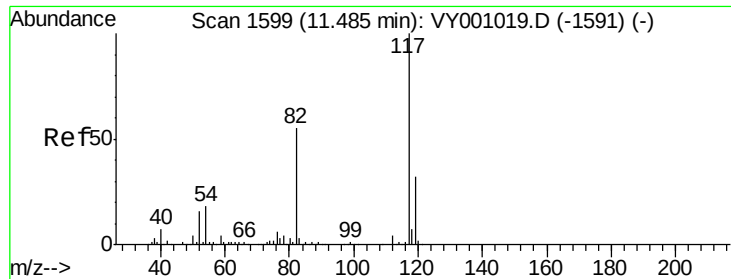
50000

0

Time-->

12.40 12.45 12.50 12.55

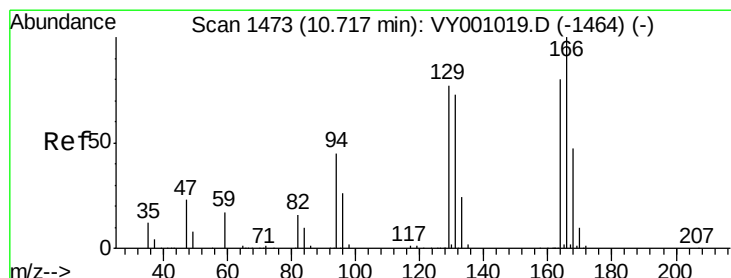
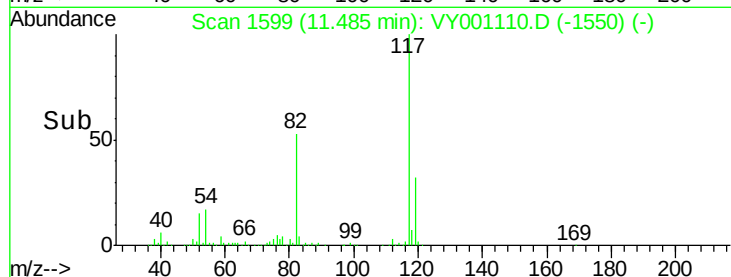
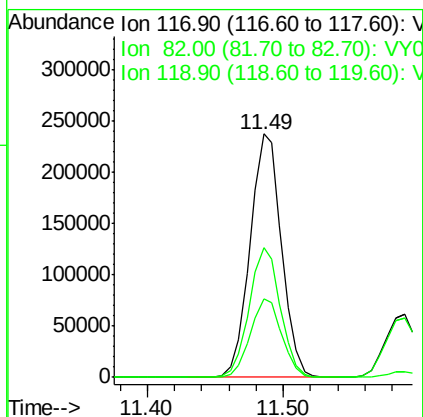
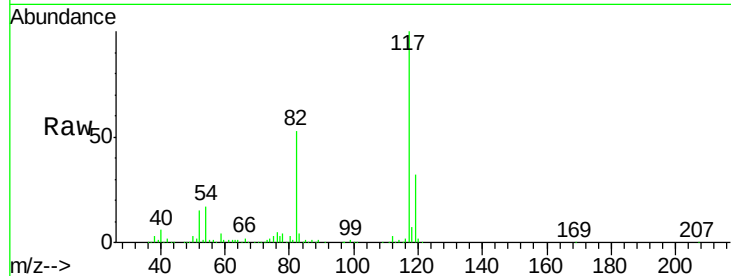




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

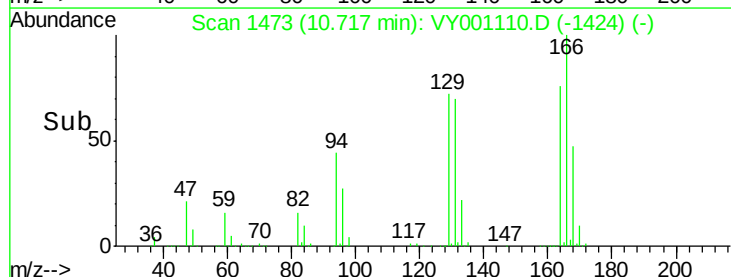
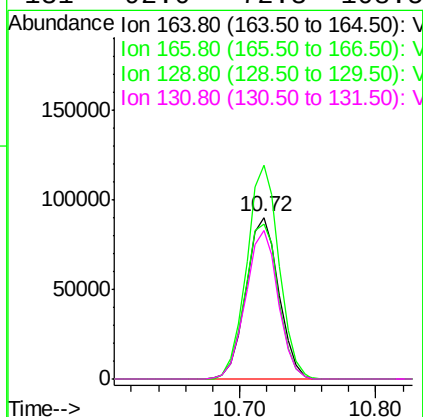
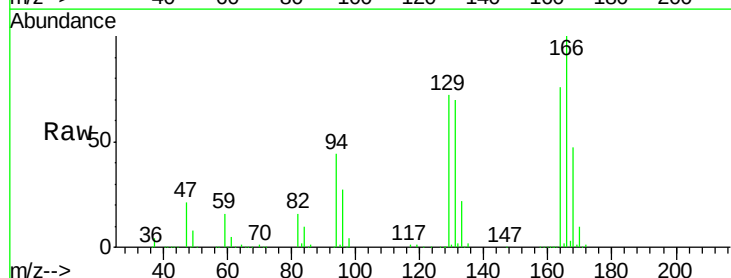
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

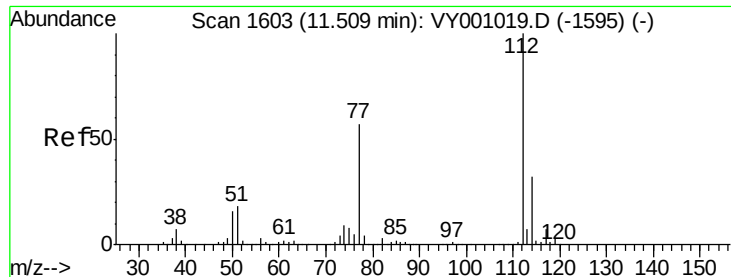
Tgt Ion:117 Resp: 385214
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 45.627 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion:164 Resp: 152074
Ion Ratio Lower Upper
164 100
166 132.3 99.7 149.5
129 95.6 76.9 115.3
131 92.0 72.3 108.5

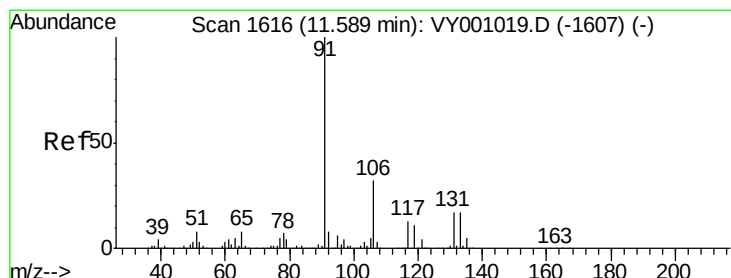
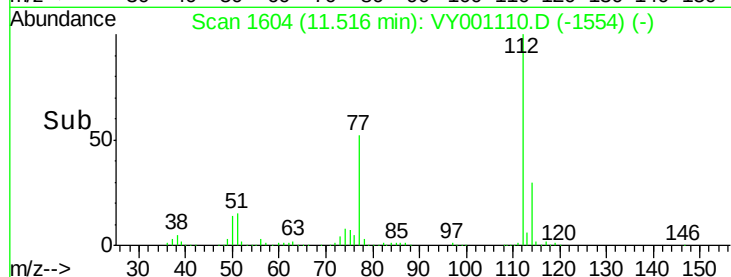
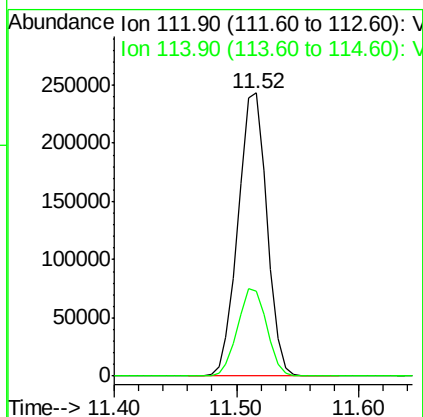
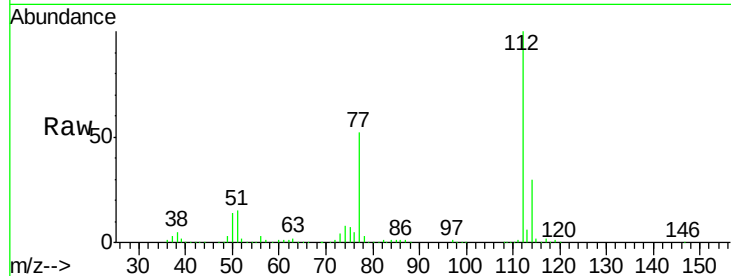




#65
Chlorobenzene
Concen: 49.645 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

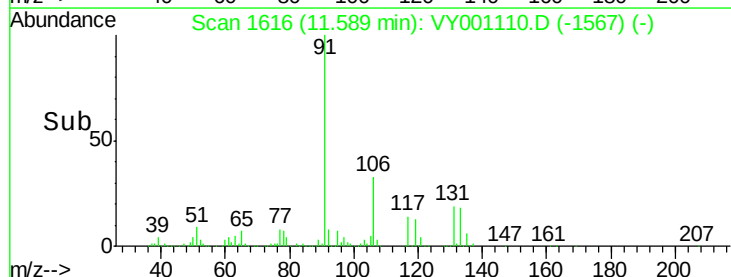
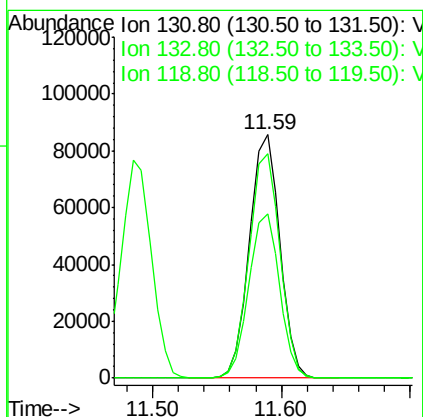
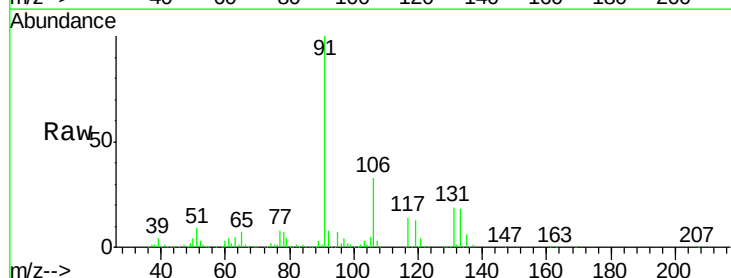
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

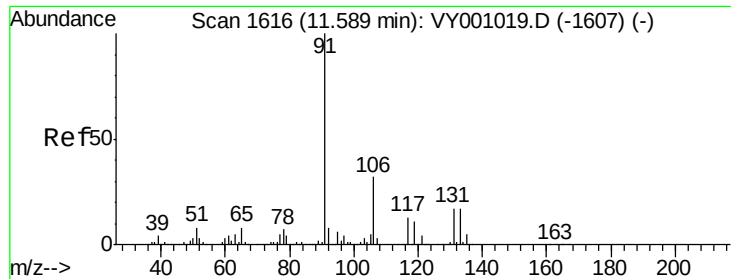
Tgt Ion:112 Resp: 396694
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.703 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion:131 Resp: 138973
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.4
119 68.9 34.0 101.8





#67

Ethyl Benzene

Concen: 47.888 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

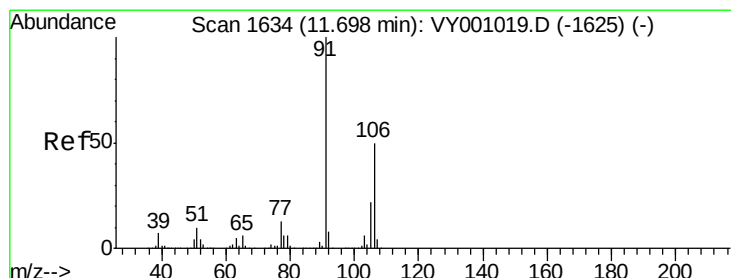
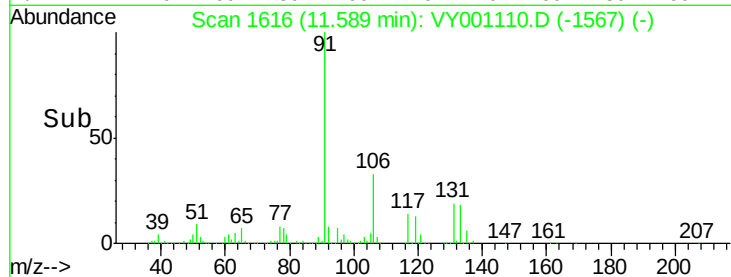
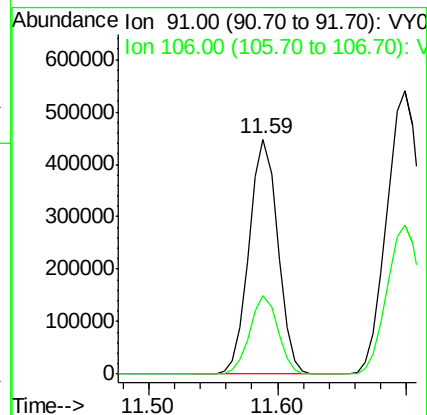
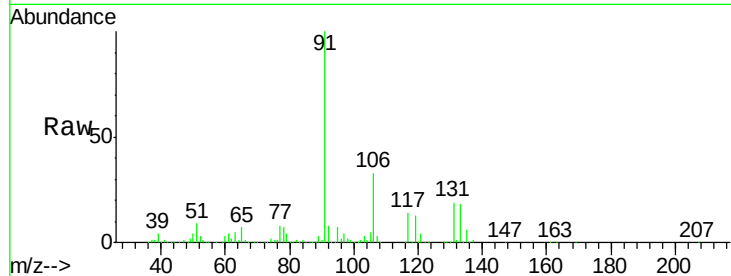
DUNR-BF001-01MS

Tgt Ion: 91 Resp: 688268

Ion Ratio Lower Upper

91 100

106 33.3 25.3 37.9



#68

m/p-Xylenes

Concen: 96.101 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001110.D

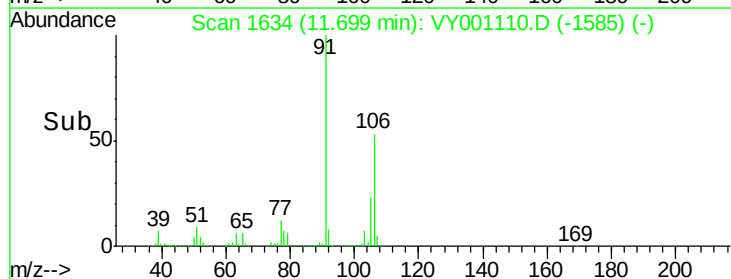
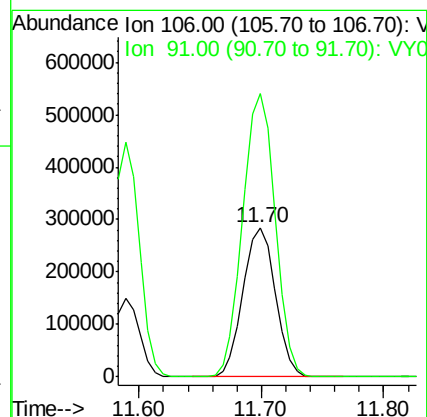
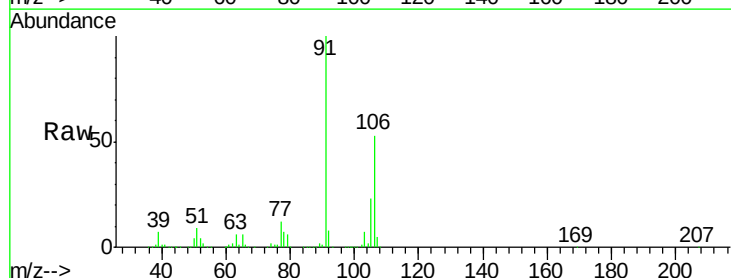
Acq: 27 Dec 2019 19:46

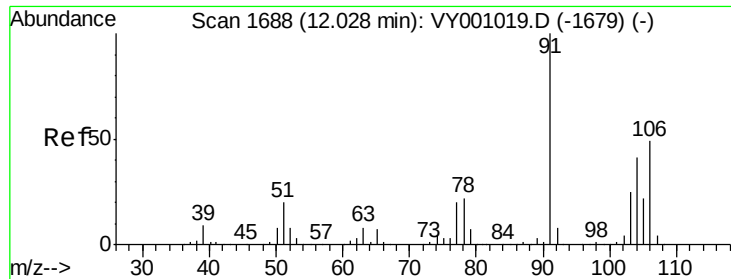
Tgt Ion: 106 Resp: 524436

Ion Ratio Lower Upper

106 100

91 190.1 156.4 234.6

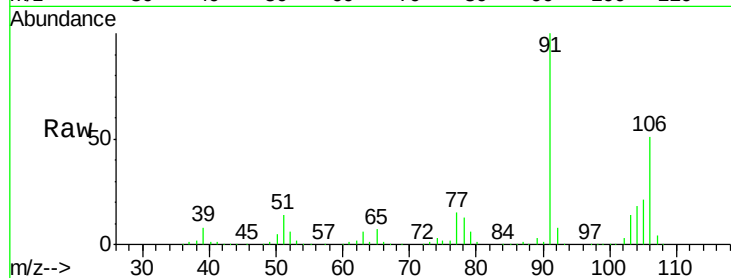




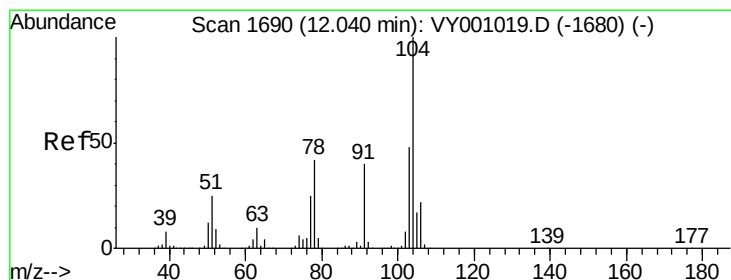
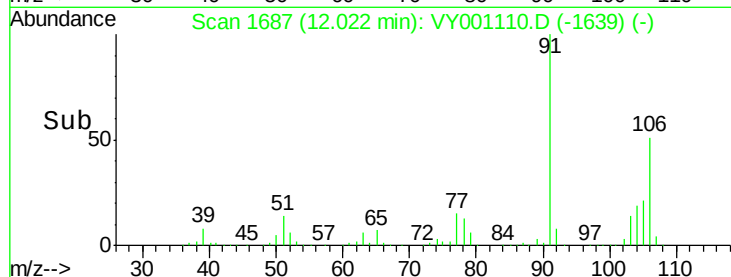
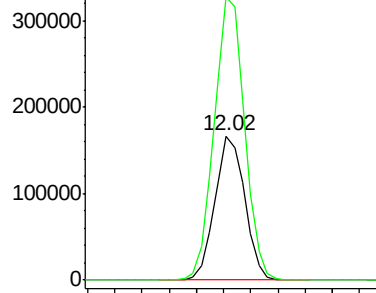
#69
o-Xylene
Concen: 50.066 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tgt Ion:106 Resp: 257031
Ion Ratio Lower Upper
106 100
91 199.3 103.0 309.0

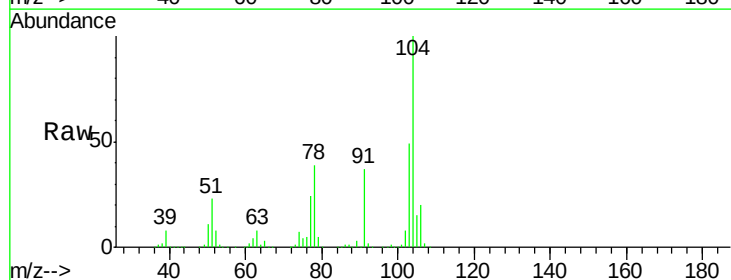


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

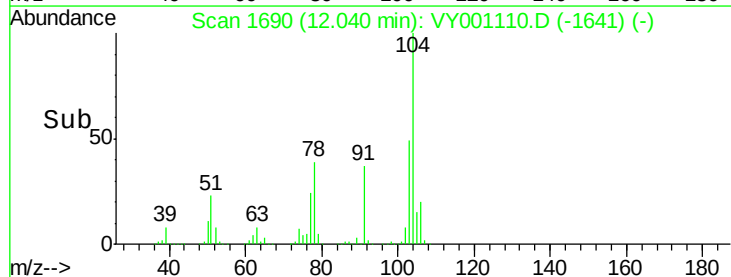
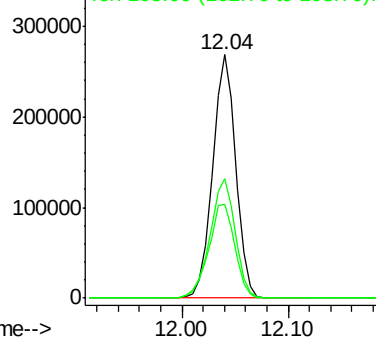


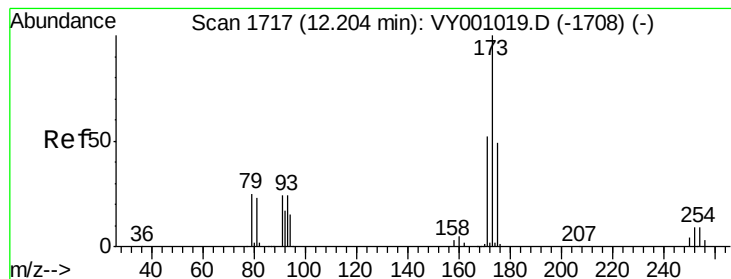
#70
Styrene
Concen: 46.884 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion:104 Resp: 409267
Ion Ratio Lower Upper
104 100
78 43.9 36.6 54.8
103 53.4 42.6 64.0



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





#71

Bromoform

Concen: 52.032 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

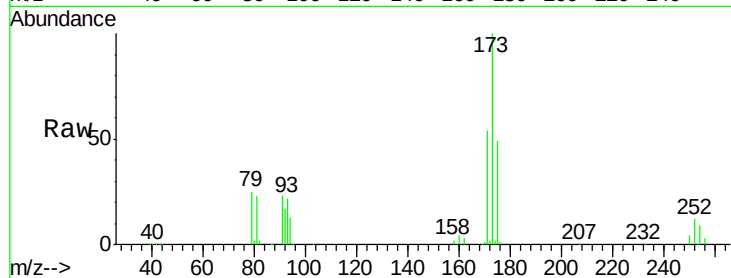
Tgt Ion:173 Resp: 76397

Ion Ratio Lower Upper

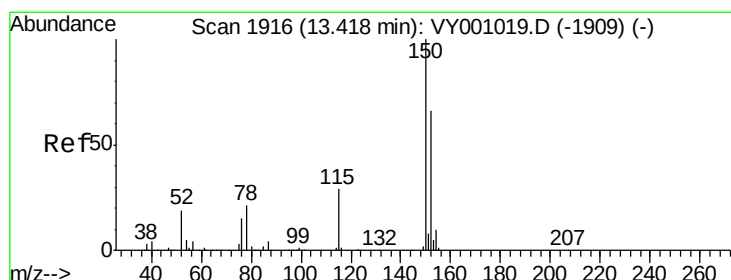
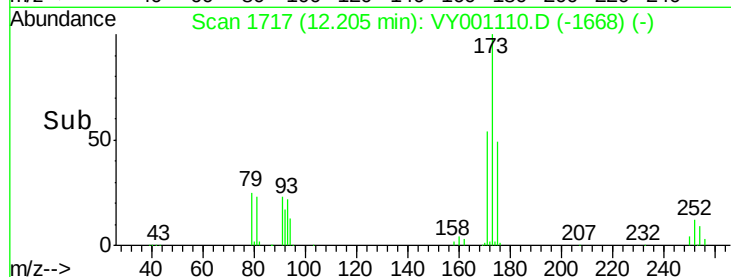
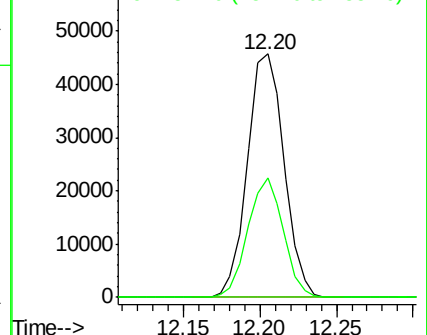
173 100

175 47.2 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# 1916

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

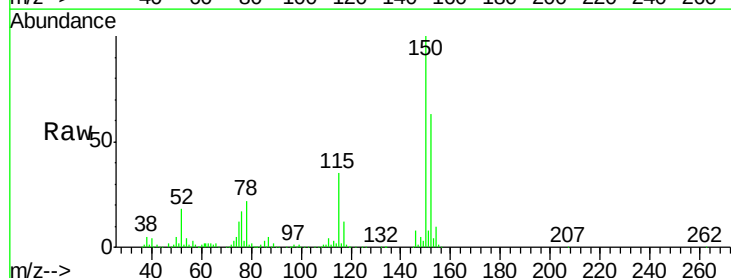
Tgt Ion:152 Resp: 152375

Ion Ratio Lower Upper

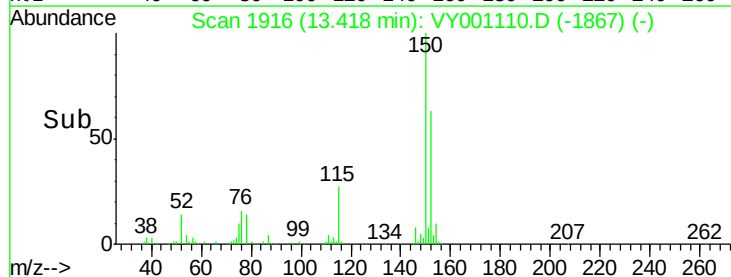
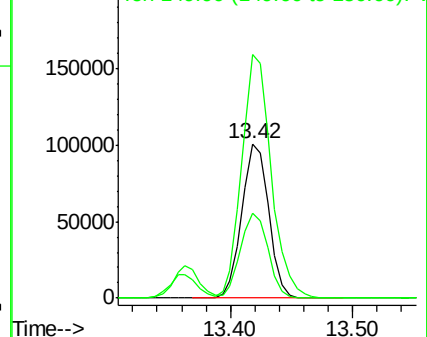
152 100

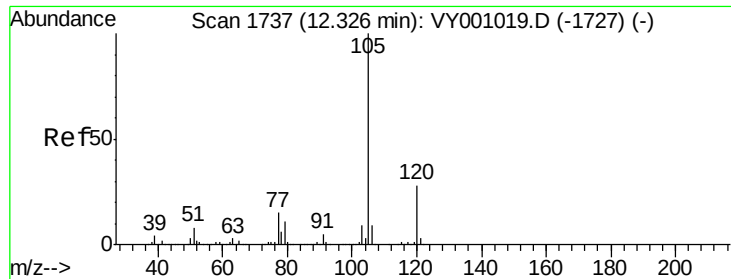
115 56.6 29.8 89.3

150 173.7 0.0 352.6



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





#73

Isopropylbenzene

Concen: 52.941 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

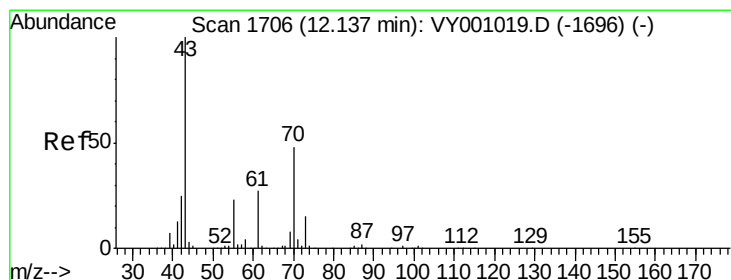
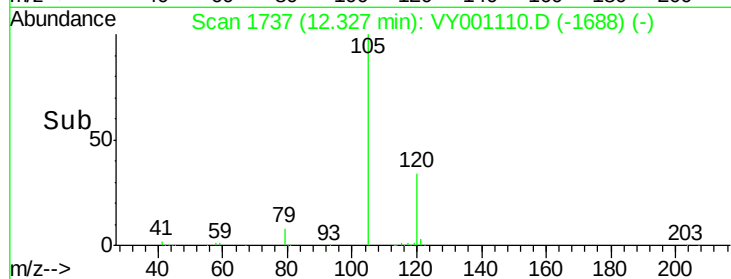
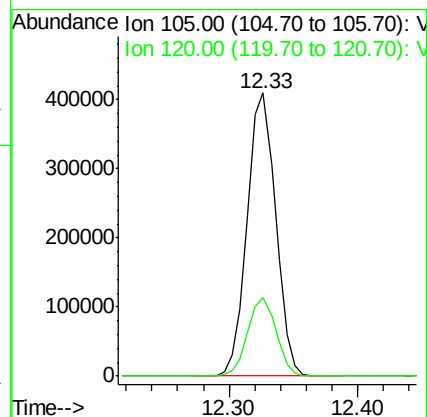
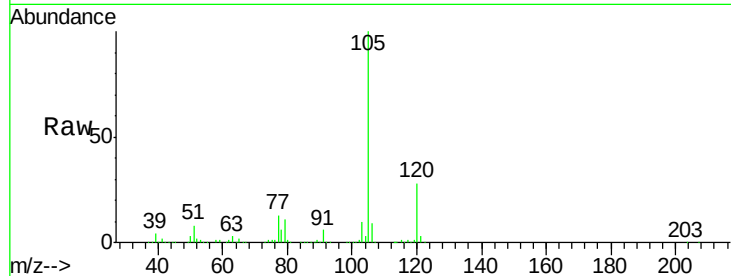
DUNR-BF001-01MS

Tgt Ion:105 Resp: 624249

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 4.795 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Tgt Ion: 43 Resp: 14854

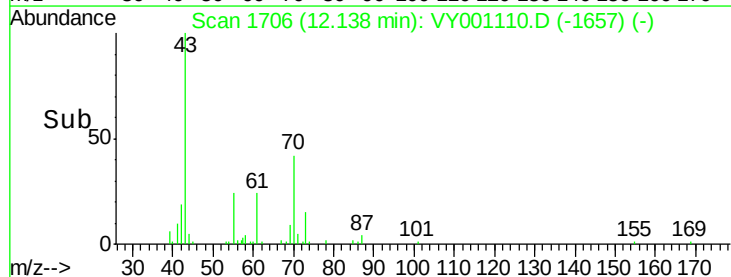
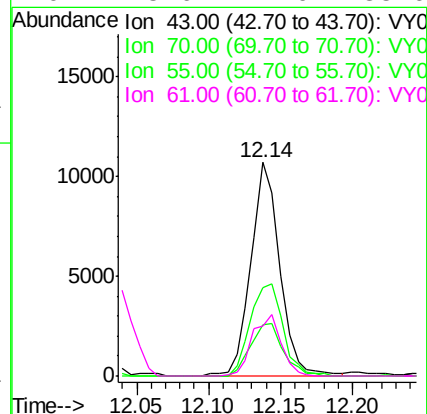
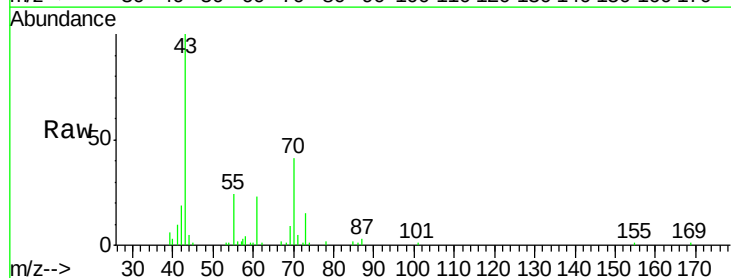
Ion Ratio Lower Upper

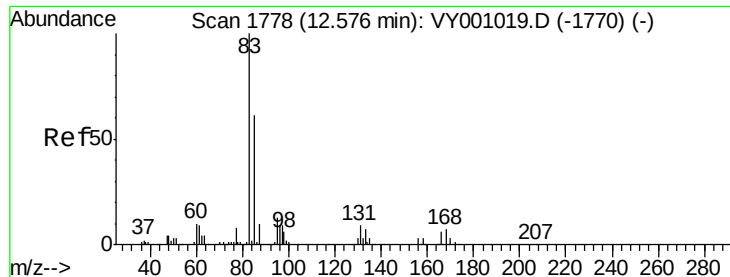
43 100

70 48.2 39.0 58.6

55 28.0 19.5 29.3

61 28.6 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.211 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

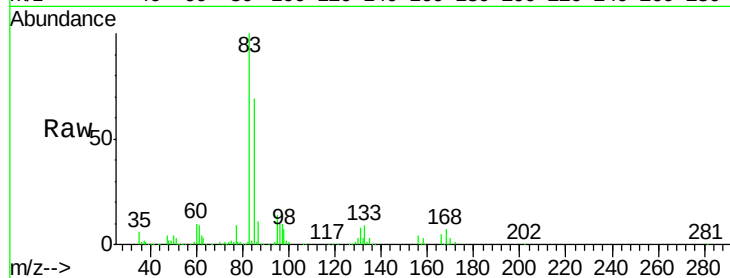
Tgt Ion: 83 Resp: 132897

Ion Ratio Lower Upper

83 100

131 9.0 5.1 15.3

85 65.3 32.1 96.5



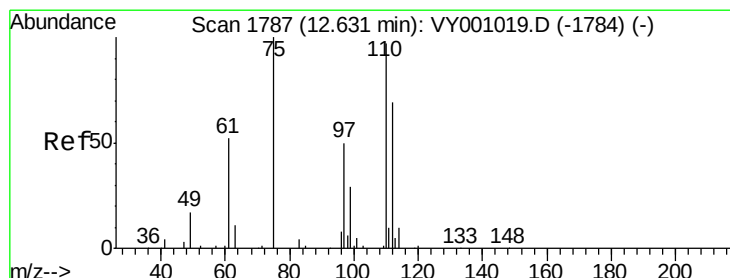
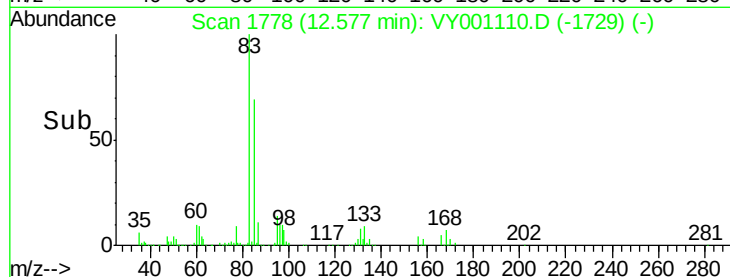
Abundance Ion 82.90 (82.60 to 83.60): VY001110.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001110.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001110.D (-1770) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 91.598 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001110.D

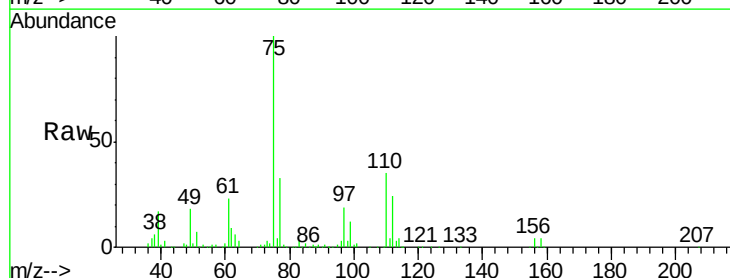
Acq: 27 Dec 2019 19:46

Tgt Ion: 75 Resp: 172064

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

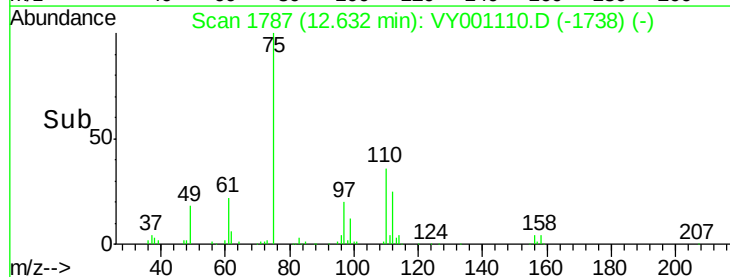


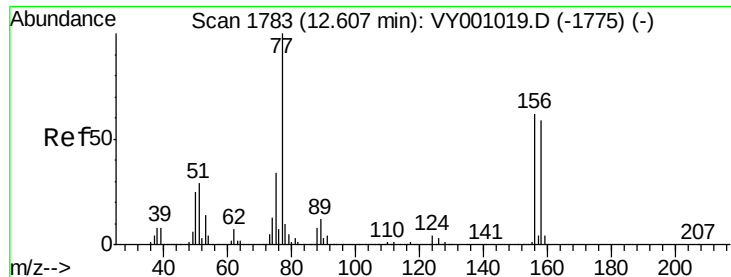
Abundance Ion 74.90 (74.60 to 75.60): VY001110.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001110.D (-1784) (-)

12.63

Time-->





#77

Bromobenzene

Concen: 55.150 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

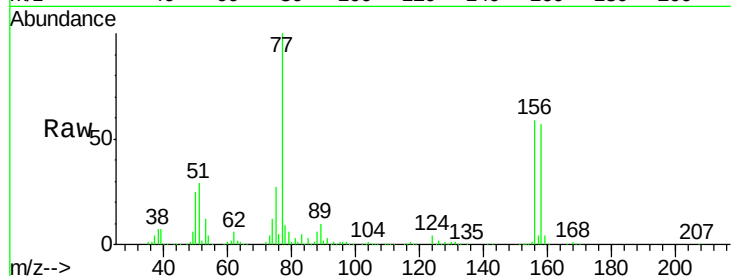
Tgt Ion:156 Resp: 146255

Ion Ratio Lower Upper

156 100

77 188.0 98.0 294.1

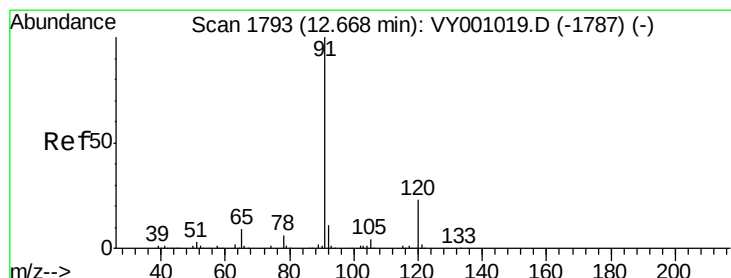
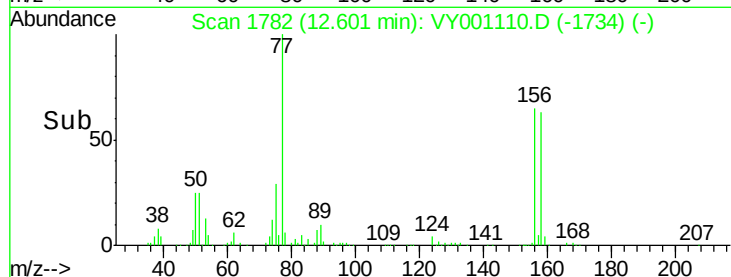
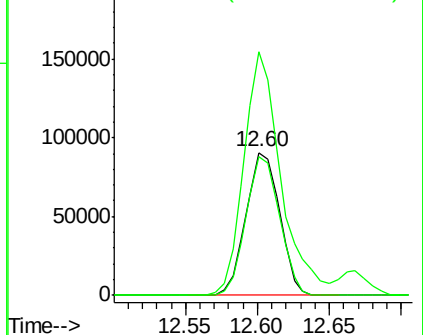
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.431 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001110.D

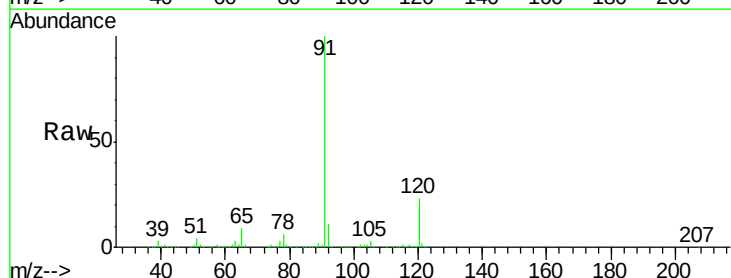
Acq: 27 Dec 2019 19:46

Tgt Ion: 91 Resp: 710215

Ion Ratio Lower Upper

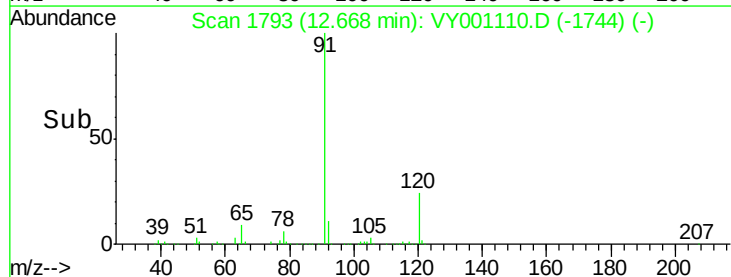
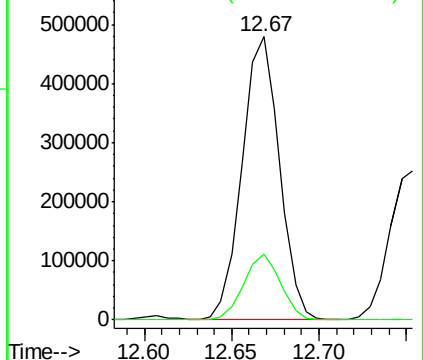
91 100

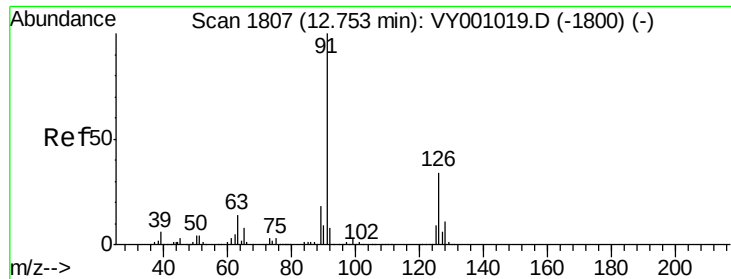
120 22.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.158 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

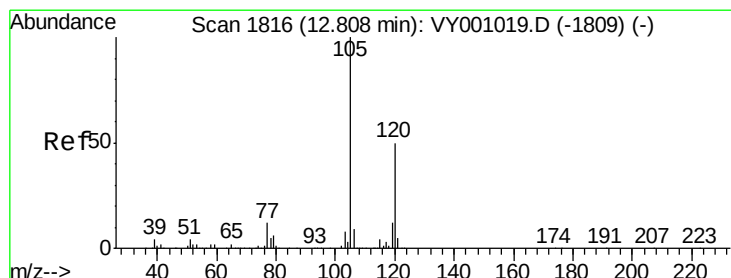
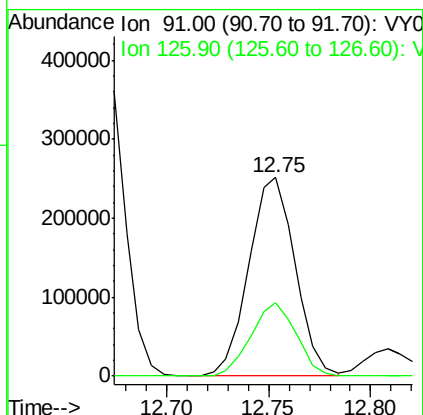
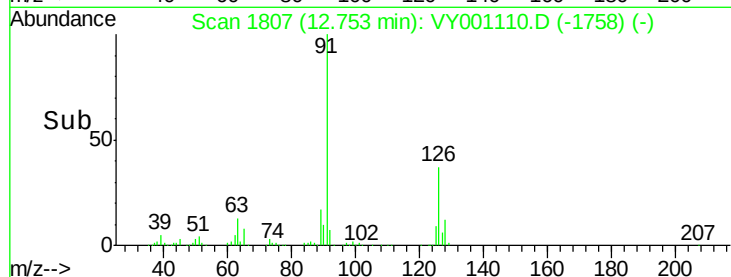
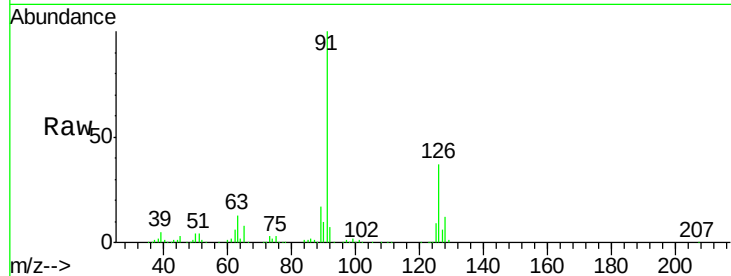
DUNR-BF001-01MS

Tgt Ion: 91 Resp: 397984

Ion Ratio Lower Upper

91 100

126 36.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.165 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001110.D

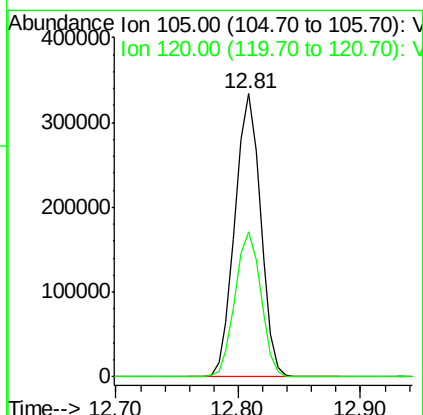
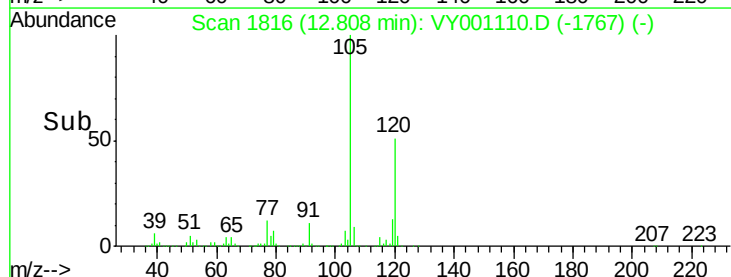
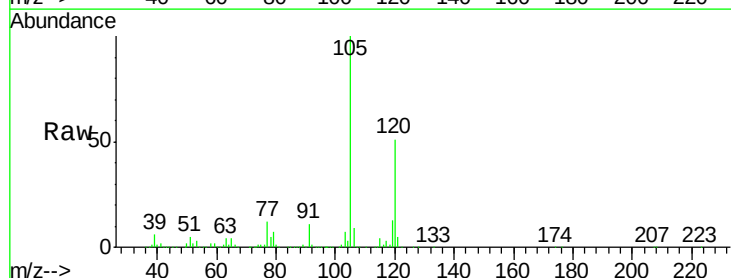
Acq: 27 Dec 2019 19:46

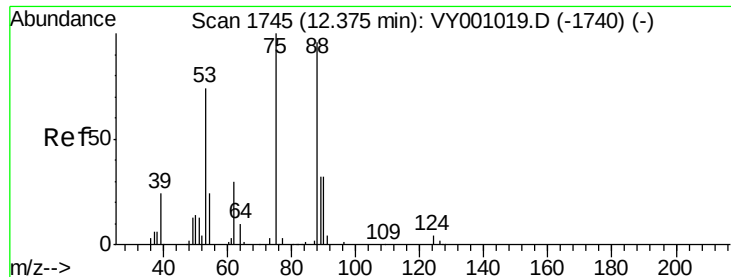
Tgt Ion: 105 Resp: 484868

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.388 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

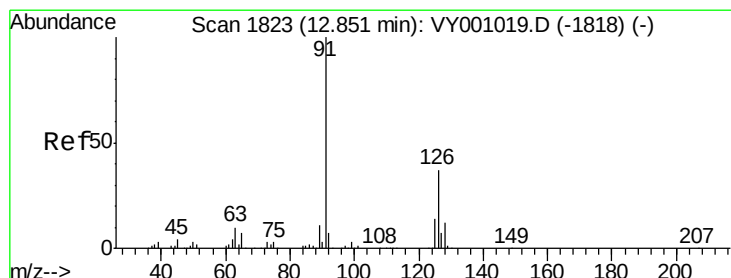
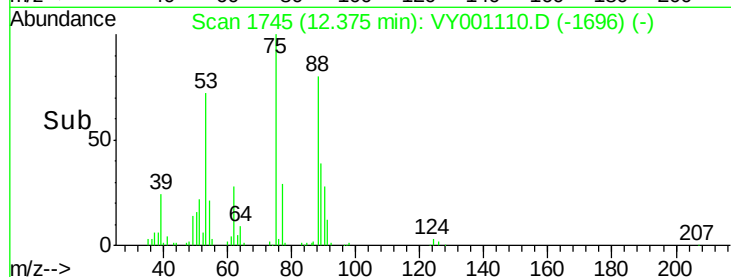
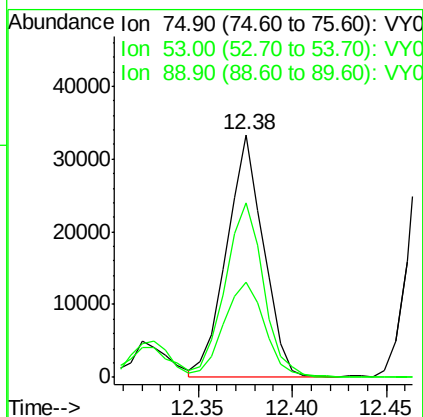
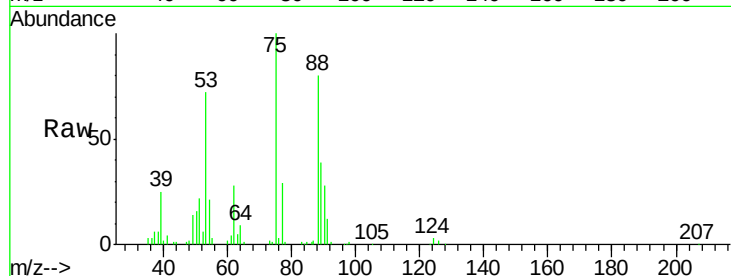
Tgt Ion: 75 Resp: 45261

Ion Ratio Lower Upper

75 100

53 75.1 60.6 91.0

89 43.5 35.4 53.0



#82

4-Chlorotoluene

Concen: 48.958 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001110.D

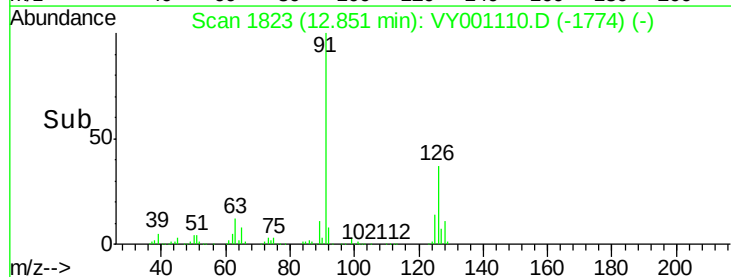
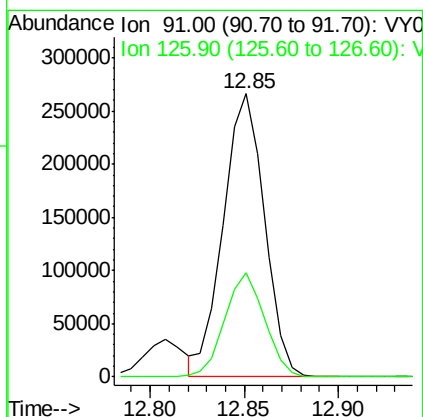
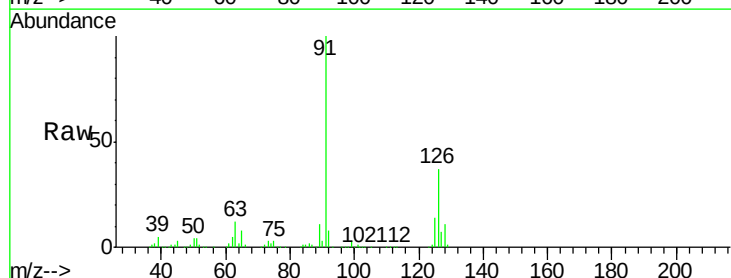
Acq: 27 Dec 2019 19:46

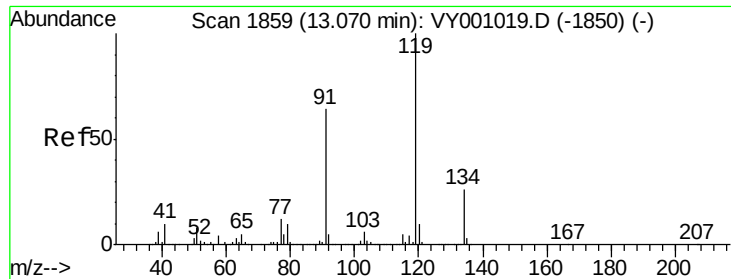
Tgt Ion: 91 Resp: 403486

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8

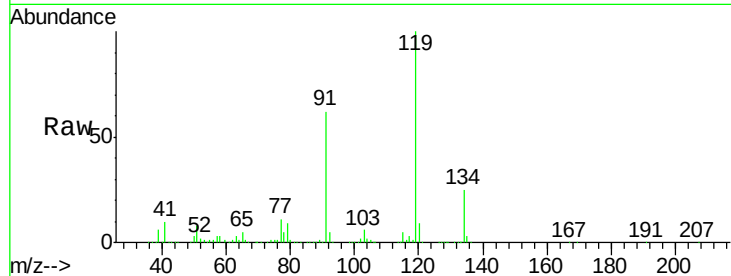




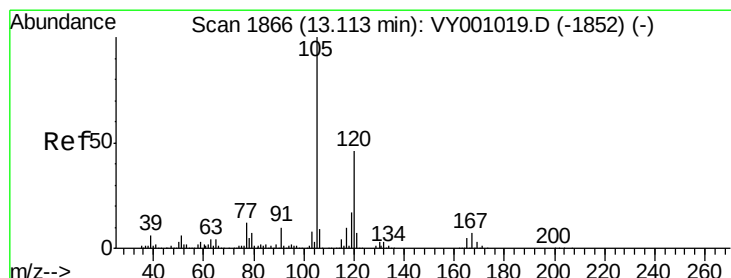
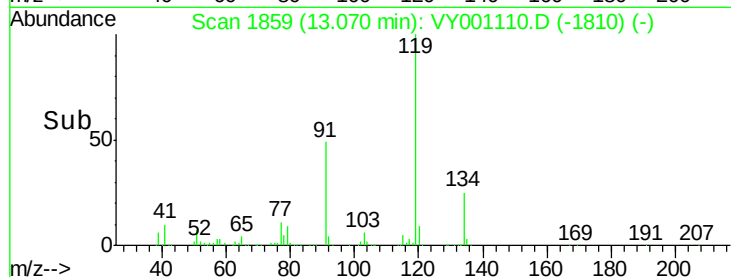
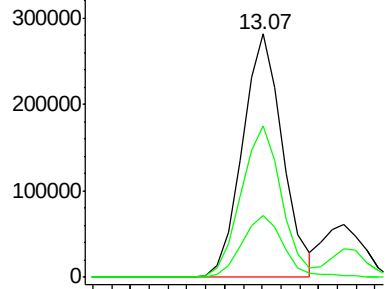
#83
 tert-Butylbenzene
 Concen: 51.221 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tgt Ion:119 Resp: 415577
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.9 95.7
 134 26.7 13.6 40.7

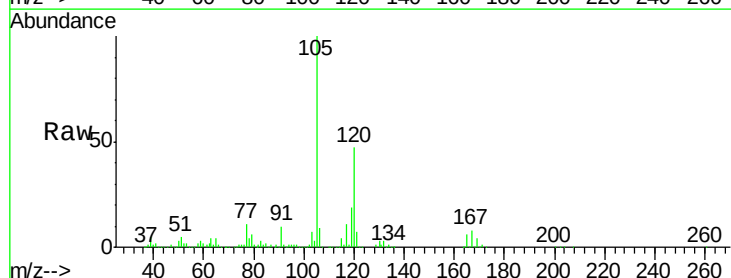


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

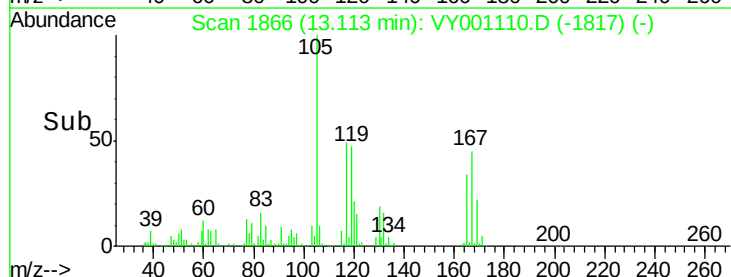
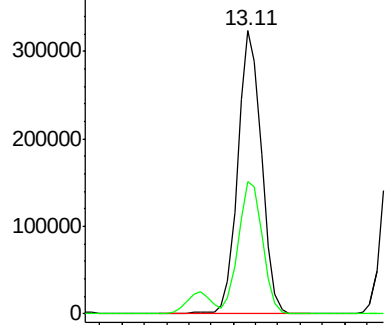


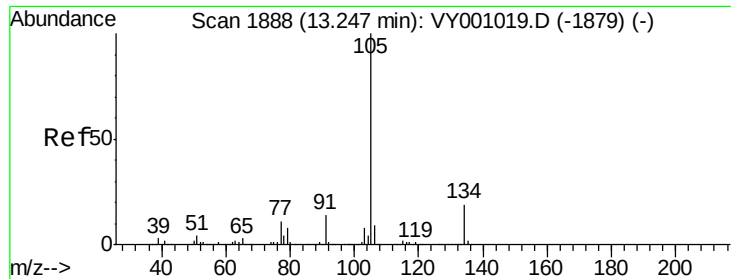
#84
 1,2,4-Trimethylbenzene
 Concen: 49.590 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion:105 Resp: 481651
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.367 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

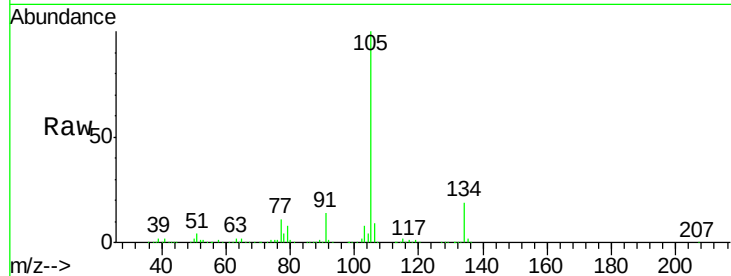
DUNR-BF001-01MS

Tgt Ion:105 Resp: 542644

Ion Ratio Lower Upper

105 100

134 20.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

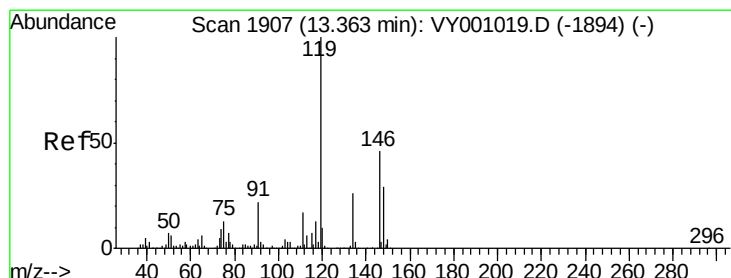
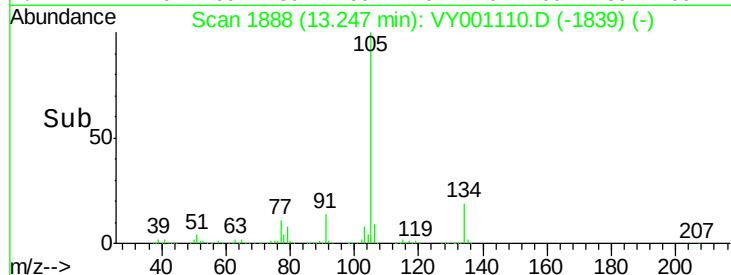
300000

200000

100000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 42.586 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001110.D

Acq: 27 Dec 2019 19:46

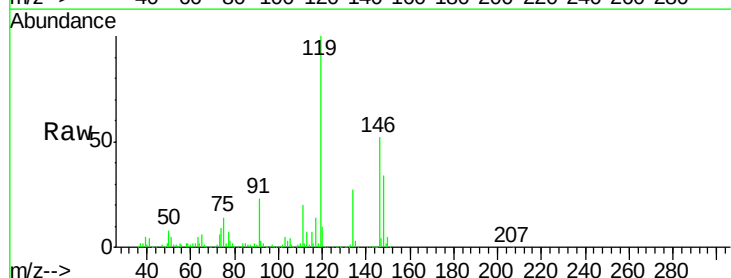
Tgt Ion:119 Resp: 440758

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.7

91 22.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

400000

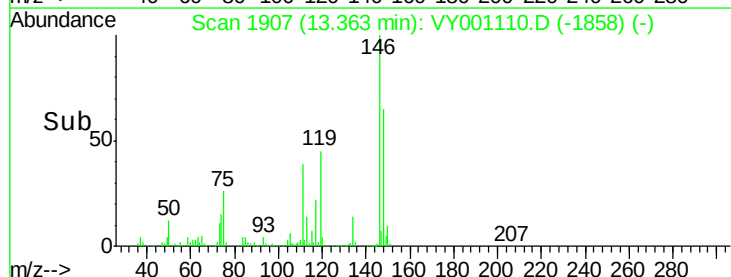
300000

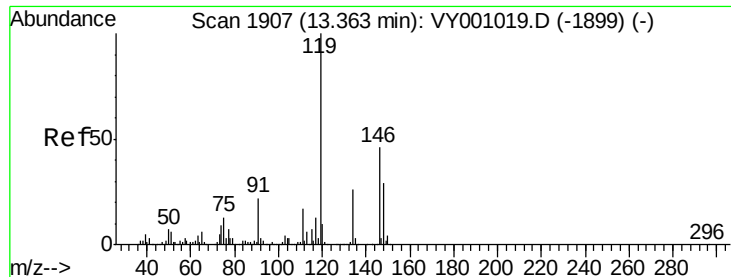
200000

100000

0

Time--> 13.30 13.40

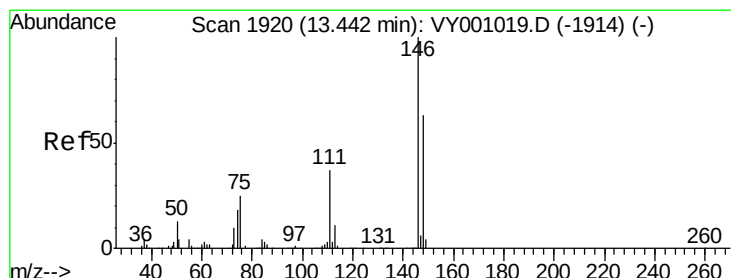
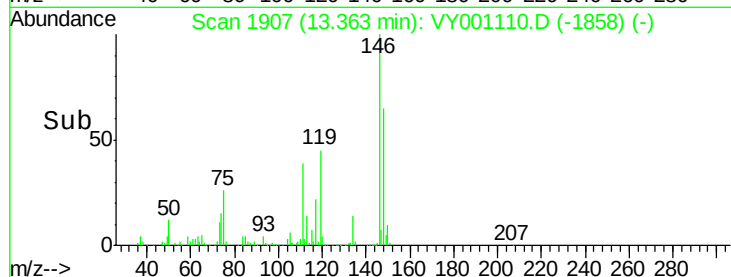
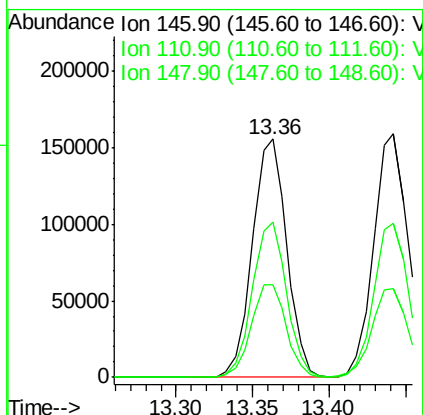
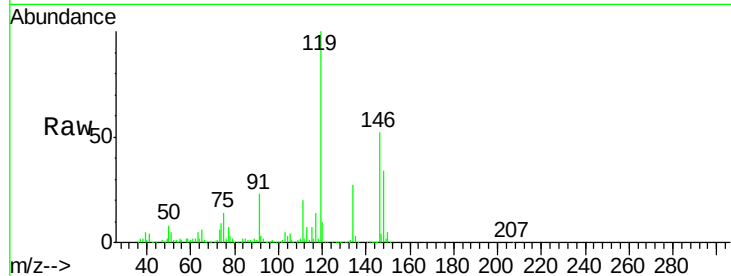




#87
 1,3-Dichlorobenzene
 Concen: 47.813 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

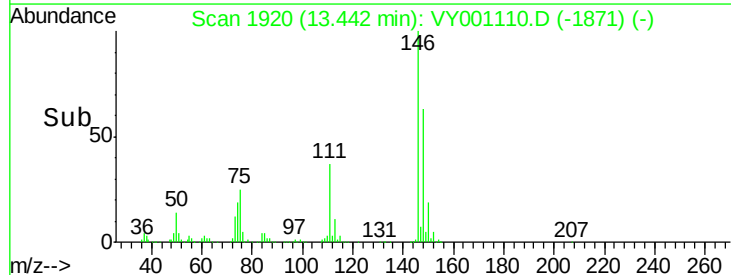
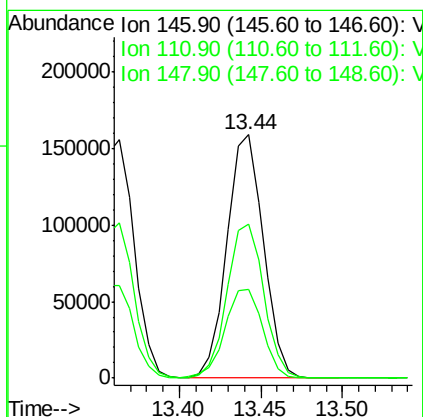
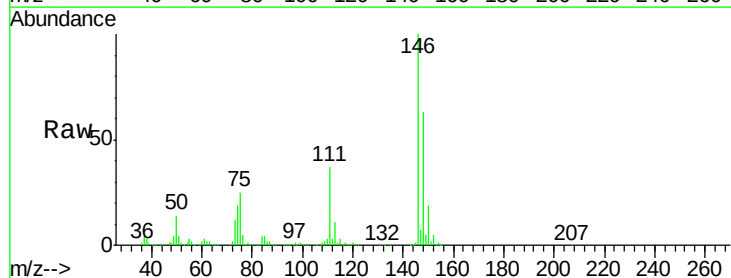
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

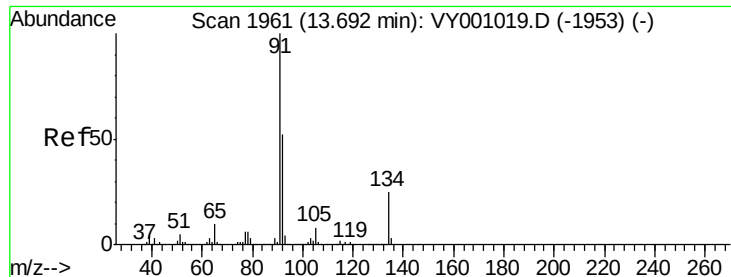
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.196 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	63.9	31.8	95.3

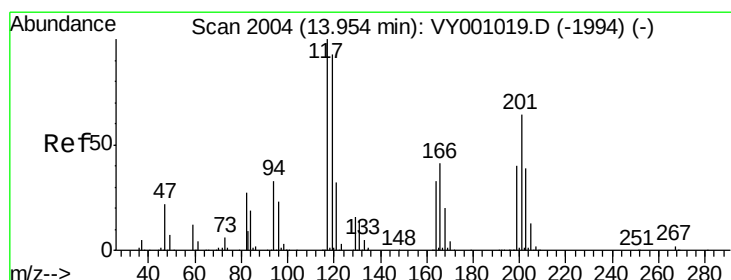
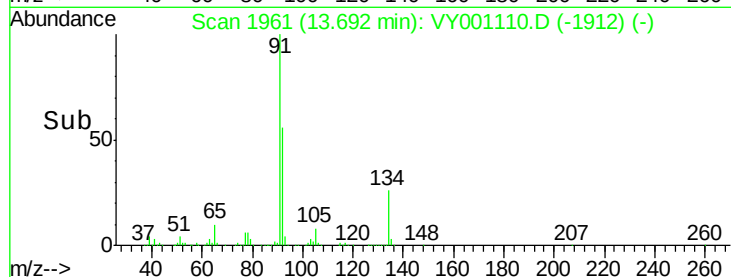
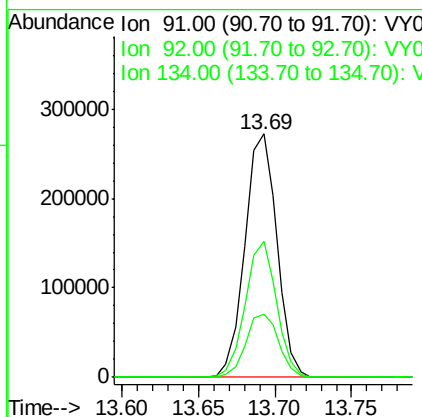
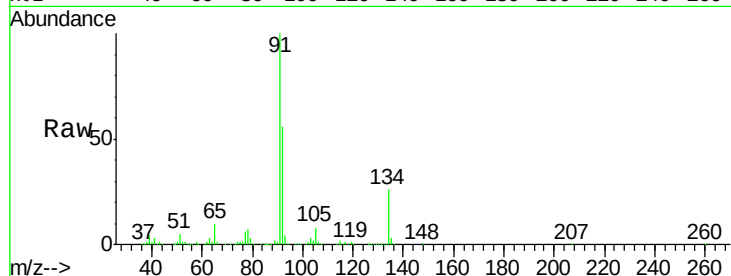




#89
n-Butylbenzene
Concen: 37.934 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

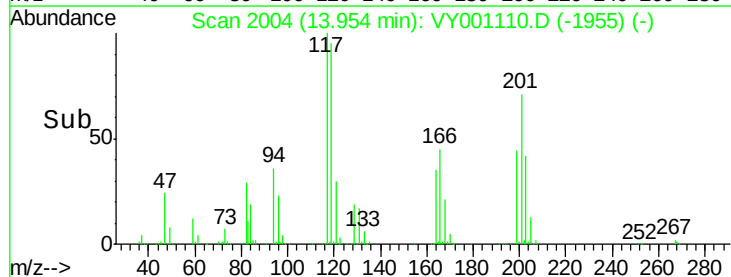
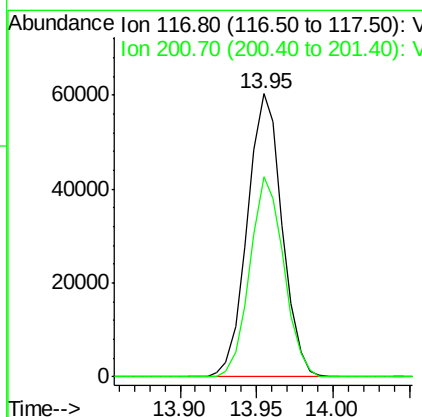
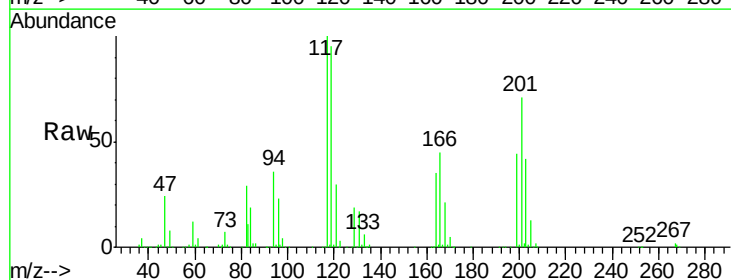
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

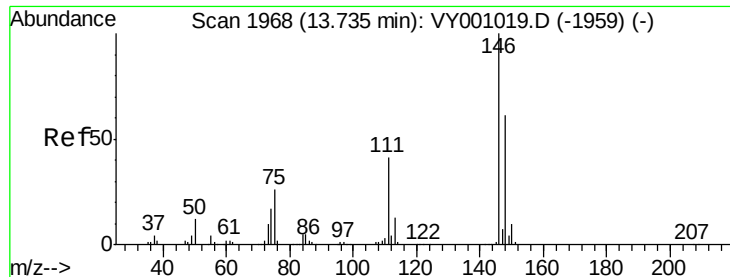
Tgt Ion: 91 Resp: 395003
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 48.812 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion: 117 Resp: 95180
Ion Ratio Lower Upper
117 100
201 69.0 33.7 101.1

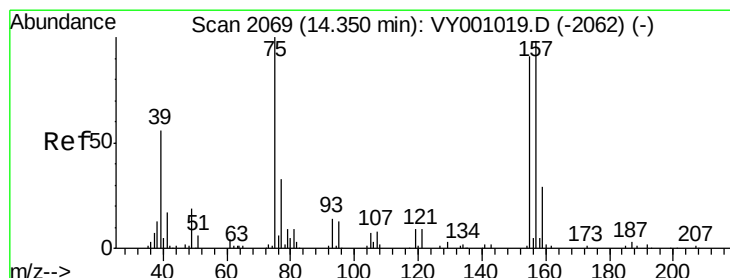
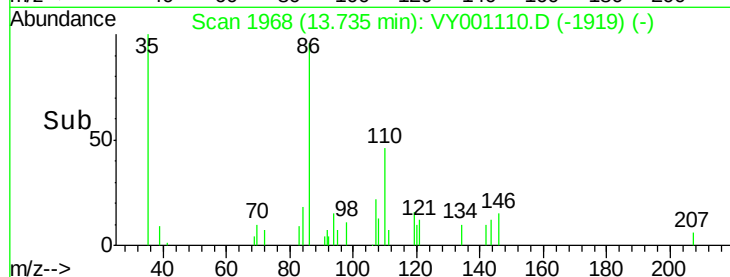
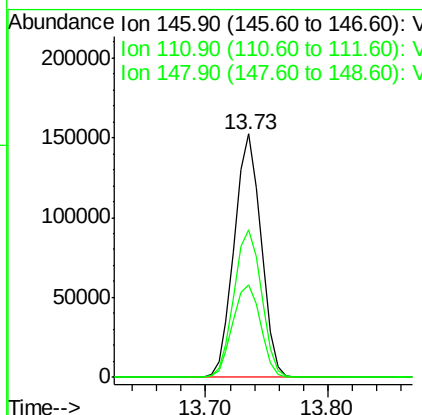
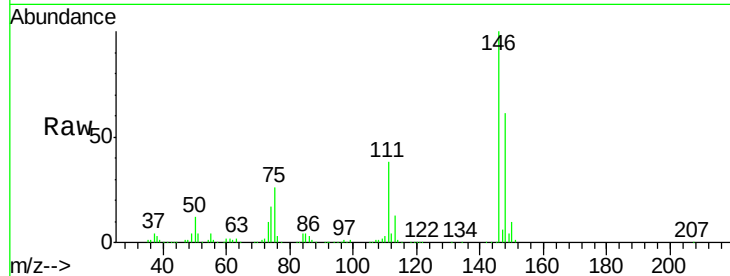




#91
 1,2-Dichlorobenzene
 Concen: 49.129 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

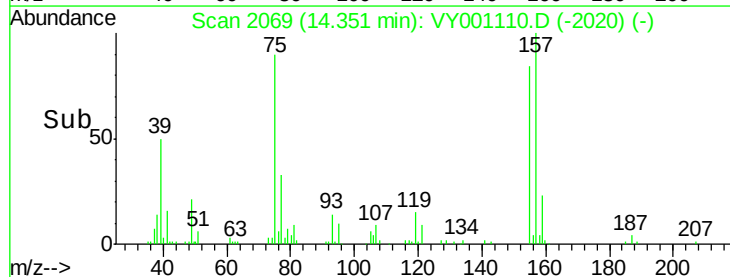
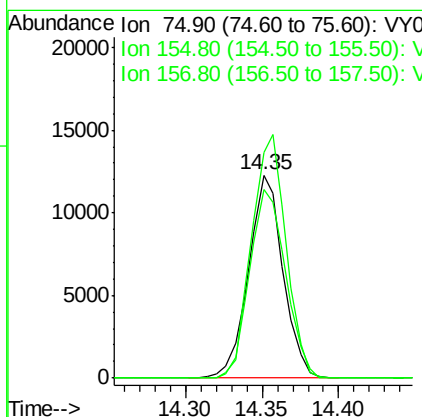
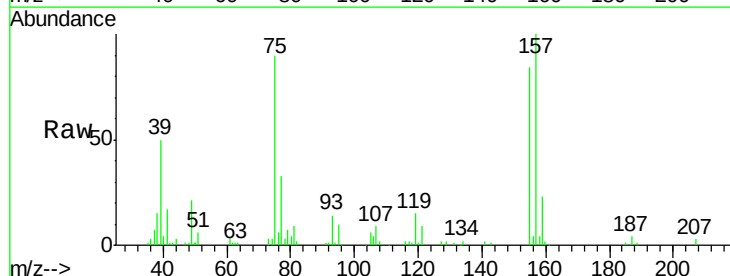
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

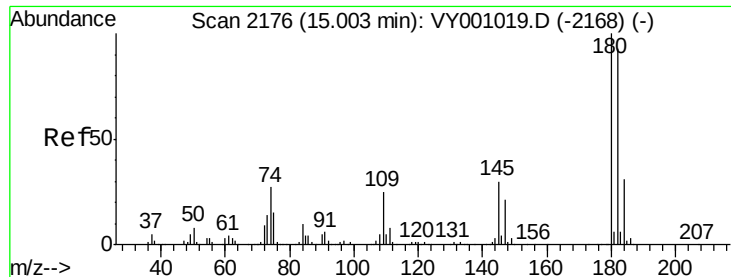
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.9
148	62.4	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.498 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	46.3	138.9
157	120.1	58.1	174.4

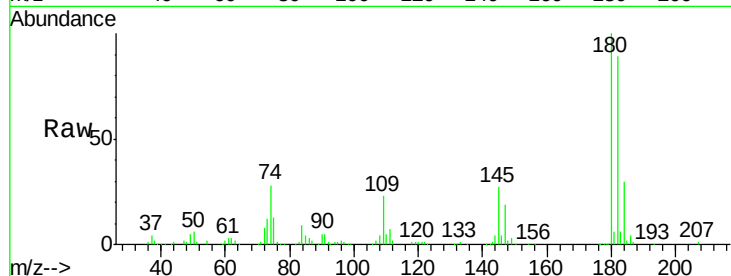




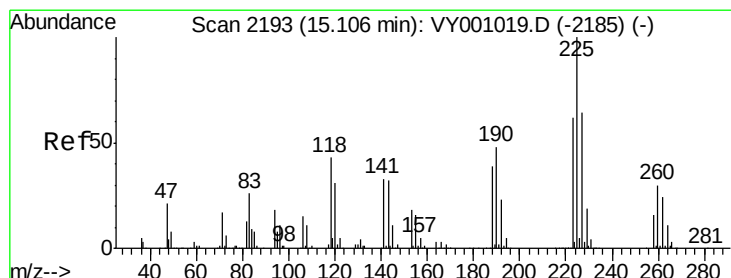
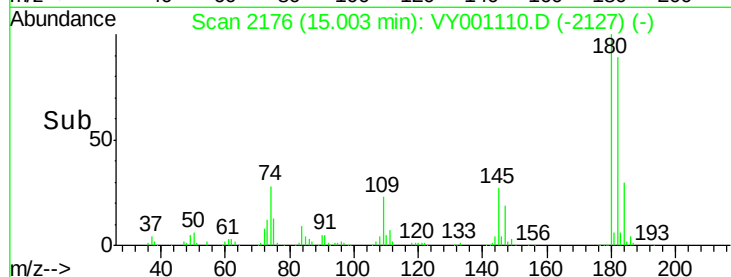
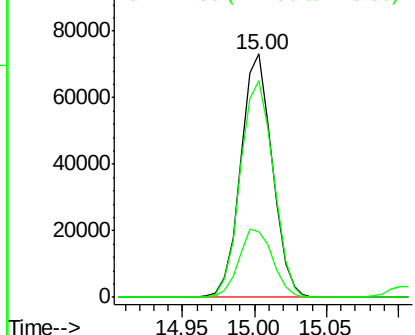
#93
 1,2,4-Trichlorobenzene
 Concen: 34.975 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tgt Ion:180 Resp: 110914
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.8 140.3
 145 30.0 15.3 45.9

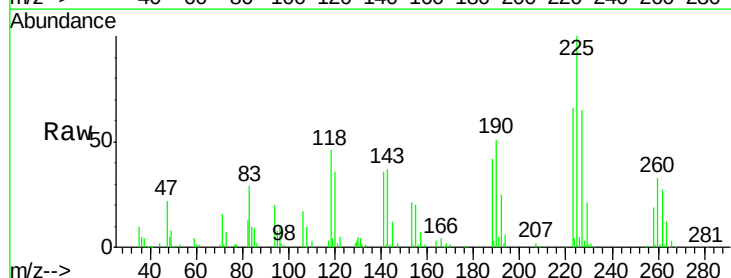


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

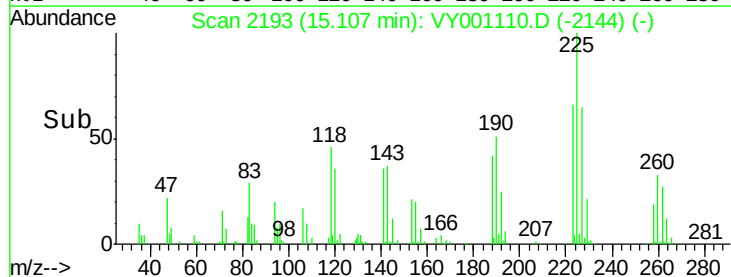
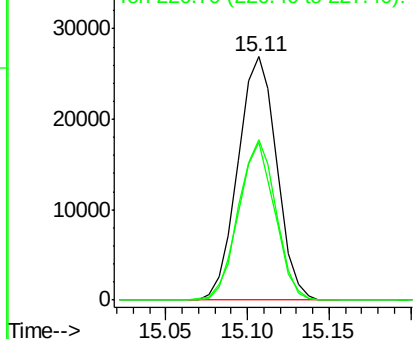


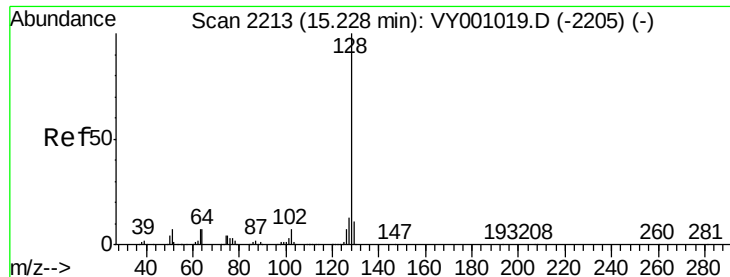
#94
 Hexachlorobutadiene
 Concen: 29.505 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001110.D
 Acq: 27 Dec 2019 19:46

Tgt Ion:225 Resp: 44526
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 94.8
 227 60.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

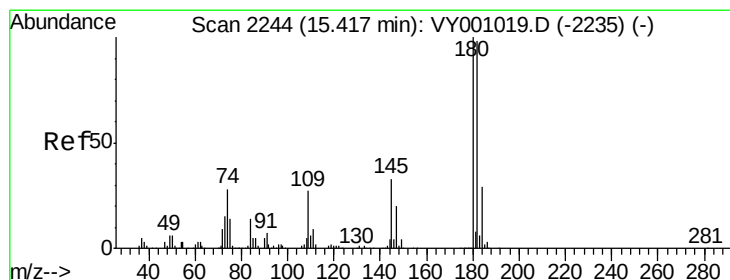
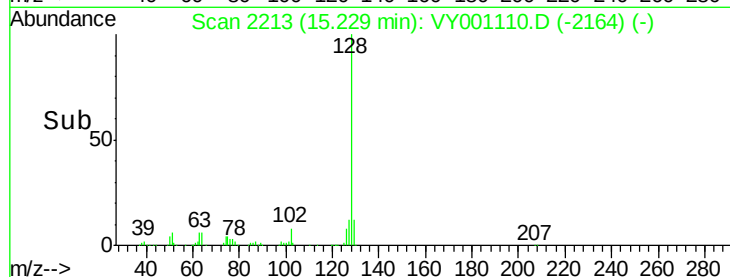
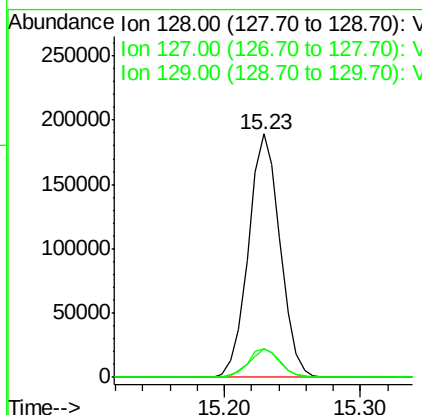
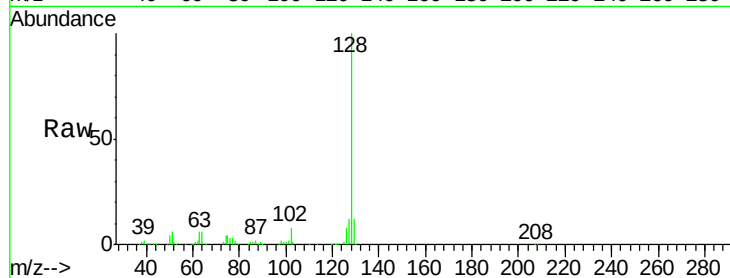




#95
Naphthalene
Concen: 41.432 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.9	14.9
129	11.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 34.766 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001110.D
Acq: 27 Dec 2019 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	32.1	16.3	48.9

