

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001080.D
 Acq On : 26 Dec 2019 18:10
 Operator : SY/MD
 Sample : K6438-02MS
 Misc : 5.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Quant Time: Dec 27 02:13:12 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	284621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	500474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	128278	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	7.74	113	146342	49.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.18	98	593379	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.48	95	173809	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	104333	42.068	ug/l	97
3) Chloromethane	2.12	50	132268	39.185	ug/l	98
4) Vinyl Chloride	2.26	62	136100	41.519	ug/l	99
5) Bromomethane	2.65	94	88334	42.213	ug/l	99
6) Chloroethane	2.80	64	92351	45.233	ug/l	94
7) Trichlorofluoromethane	3.13	101	216760	45.083	ug/l	96
8) Diethyl Ether	3.54	74	85118	43.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	147217	46.613	ug/l	100
10) Methyl Iodide	4.10	142	193098	44.252	ug/l	99
11) Tert butyl alcohol	4.97	59	49275	159.644	ug/l	100
12) 1,1-Dichloroethene	3.88	96	146791	45.908	ug/l	97
13) Acrolein	3.74	56	14636	38.271	ug/l	98
14) Allyl chloride	4.49	41	224599	45.216	ug/l	98
15) Acrylonitrile	5.18	53	185035	188.644	ug/l	99
16) Acetone	3.96	43	116871	180.721	ug/l	100
17) Carbon Disulfide	4.20	76	384036	36.755	ug/l	98
18) Methyl Acetate	4.49	43	265290	106.925	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	360544	43.688	ug/l	97
20) Methylene Chloride	4.73	84	173803	45.660	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	169490	47.829	ug/l	97
22) Diisopropyl ether	6.13	45	480031	47.811	ug/l	92
23) Vinyl Acetate	6.08	43	131212	20.693	ug/l	100
24) 1,1-Dichloroethane	6.04	63	286765	48.332	ug/l	98
25) 2-Butanone	7.00	43	198855	175.037	ug/l	94
26) 2,2-Dichloropropane	6.99	77	213160	43.728	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	193172	49.618	ug/l	97
28) Bromochloromethane	7.35	49	112099	48.422	ug/l	95
29) Tetrahydrofuran	7.36	42	135967	168.251	ug/l	97
30) Chloroform	7.52	83	276990	49.371	ug/l	98
31) Cyclohexane	7.80	56	246745	39.548	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	230077	48.074	ug/l	99
36) 1,1-Dichloropropene	7.93	75	218529	45.770	ug/l	98
37) Ethyl Acetate	7.09	43	65041	24.602	ug/l	98
38) Carbon Tetrachloride	7.91	117	196796	47.045	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	248376	39.174	ug/l	99
40) Benzene	8.17	78	687914	47.759	ug/l	97
41) Methacrylonitrile	7.36	41	121155	105.704	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	151792	44.078	ug/l	100
43) Isopropyl Acetate	8.28	43	141896	28.995	ug/l	94
44) Trichloroethene	8.95	130	180668	47.605	ug/l	98
45) 1,2-Dichloropropane	9.22	63	171504	47.462	ug/l	97
46) Dibromomethane	9.31	93	82916	44.514	ug/l	98
47) Bromodichloromethane	9.50	83	206682	47.902	ug/l	97
48) Methyl methacrylate	9.30	41	95968	45.953	ug/l	97
49) 1,4-Dioxane	9.30	88	18938	695.017	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	448946	176.005	ug/l	99
52) Toluene	10.25	92	423632	47.784	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	208446	44.514	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	259399	46.069	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	122283	43.974	ug/l	93
56) Ethyl methacrylate	10.51	69	107794	27.236	ug/l	99
57) 1,3-Dichloropropane	10.79	76	211925	43.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	294382	192.579	ug/l	100
59) 2-Hexanone	10.83	43	286311	162.218	ug/l	96
60) Dibromochloromethane	10.99	129	136728	46.030	ug/l	99
61) 1,2-Dibromoethane	11.09	107	113006	42.497	ug/l	99
64) Tetrachloroethene	10.72	164	175680	48.915	ug/l	99
65) Chlorobenzene	11.52	112	431476	50.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	148149	52.139	ug/l	98
67) Ethyl Benzene	11.59	91	781710	50.475	ug/l	99
68) m/p-Xylenes	11.70	106	586973	99.819	ug/l	99
69) o-Xylene	12.03	106	281996	50.975	ug/l	98
70) Styrene	12.04	104	460009	48.903	ug/l	100
71) Bromoform	12.20	173	70800	44.749	ug/l #	99
73) Isopropylbenzene	12.33	105	716242	55.171	ug/l	99
74) N-amyl acetate	12.14	43	38099	11.171	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	124092	48.521	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	163108	78.867	ug/l #	100
77) Bromobenzene	12.61	156	158920	54.430	ug/l	95
78) n-propylbenzene	12.67	91	827057	52.283	ug/l	100
79) 2-Chlorotoluene	12.75	91	459932	52.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	566814	53.265	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	42649	43.982	ug/l	97
82) 4-Chlorotoluene	12.85	91	459141	50.602	ug/l	98
83) tert-Butylbenzene	13.07	119	489875	54.841	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	562686	52.620	ug/l	99
85) sec-Butylbenzene	13.25	105	646996	49.131	ug/l	100
86) p-Isopropyltoluene	13.37	119	547547	48.052	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	279040	49.761	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	276504	48.880	ug/l	99
89) n-Butylbenzene	13.69	91	494285	43.114	ug/l	99
90) Hexachloroethane	13.95	117	111656	52.010	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	251293	48.580	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16716	39.067	ug/l	96

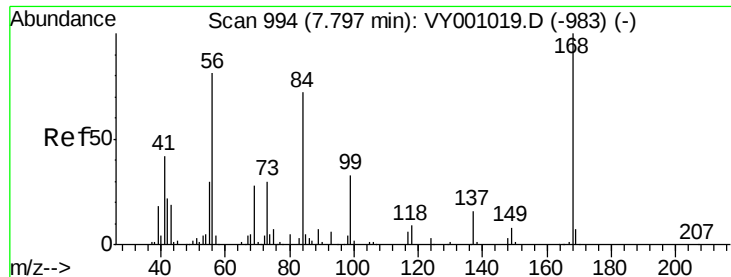
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	128000	36.661	ug/l	99
94) Hexachlorobutadiene	15.11	225	54980	33.091	ug/l	99
95) Naphthalene	15.23	128	311343	37.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	109712	35.235	ug/l	98

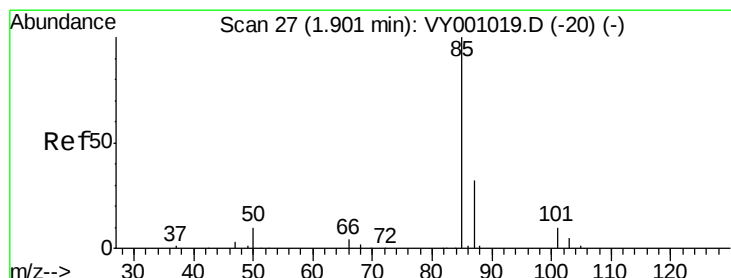
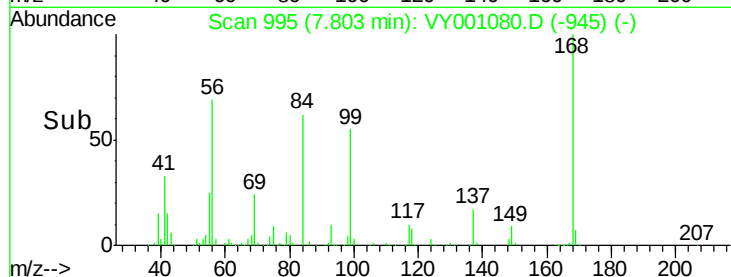
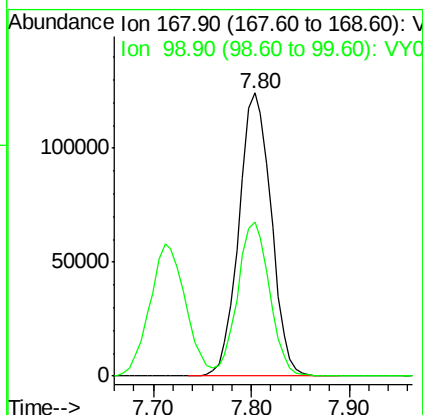
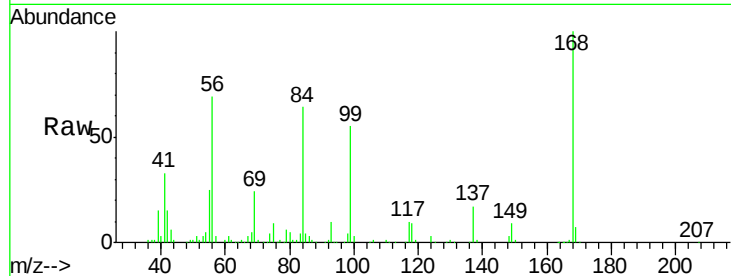
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

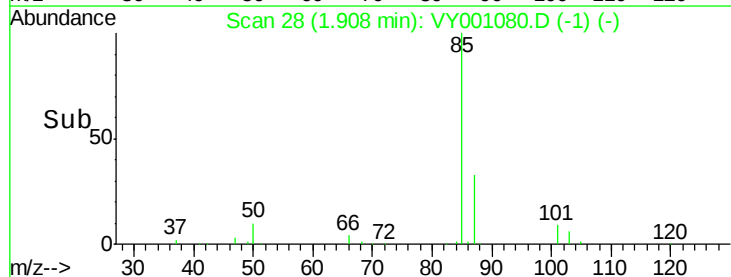
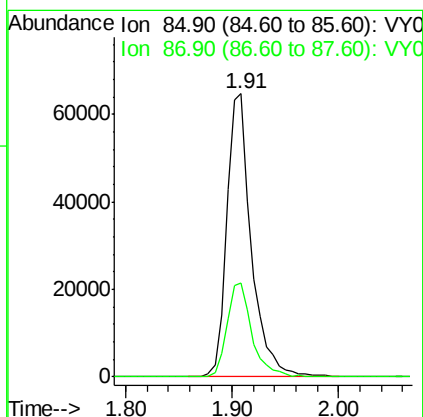
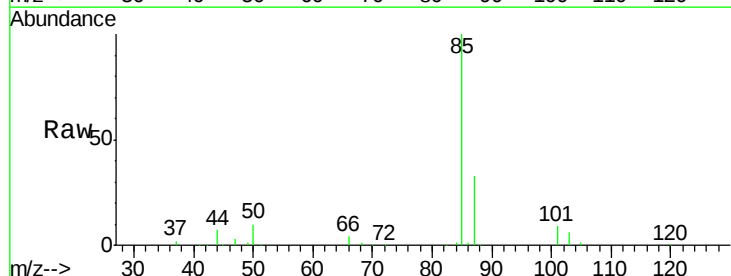
Instrument :
MSVOA_Y
ClientSampleId :
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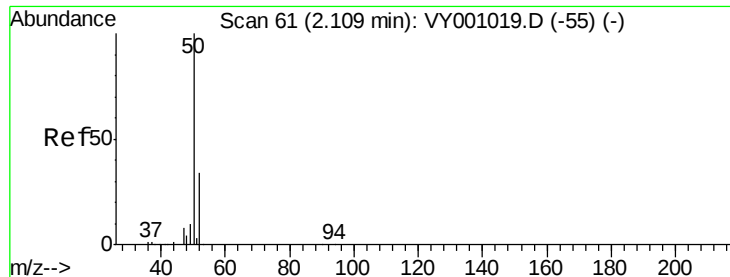
Tgt Ion:168 Resp: 284621
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 42.068 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 85 Resp: 104333
Ion Ratio Lower Upper
85 100
87 33.3 15.9 47.7





#3

Chloromethane

Concen: 39.185 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

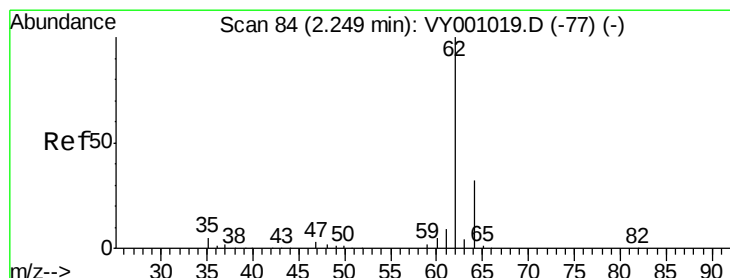
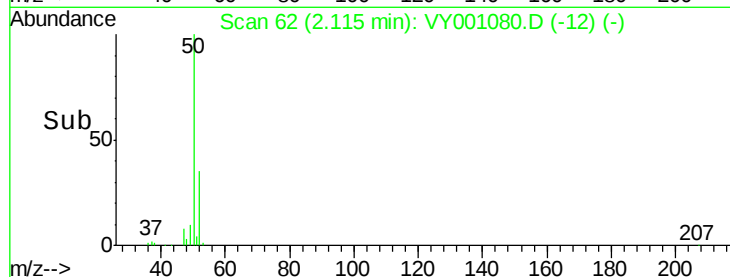
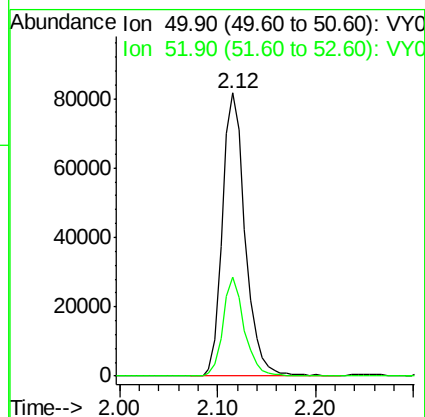
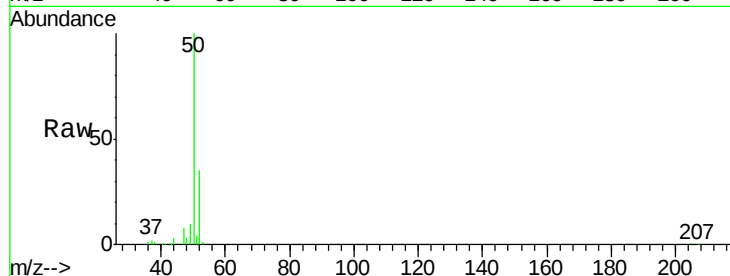
DUNR-BF001-01MSD

Tgt Ion: 50 Resp: 132268

Ion Ratio Lower Upper

50 100

52 34.8 27.1 40.7



#4

Vinyl Chloride

Concen: 41.519 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001080.D

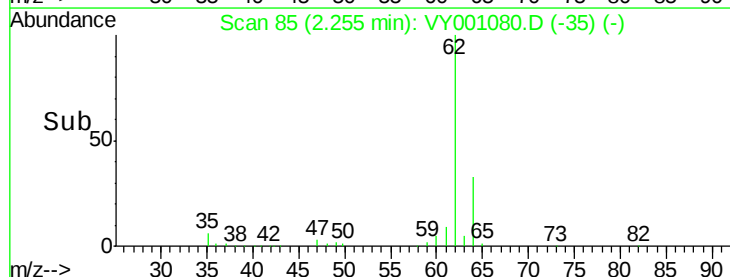
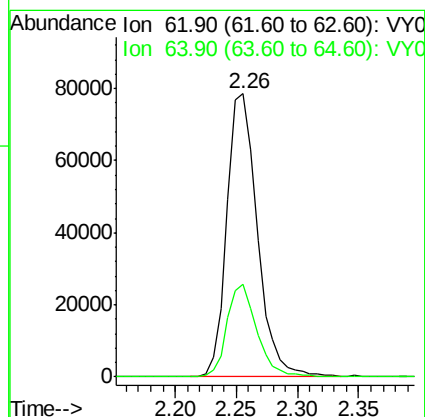
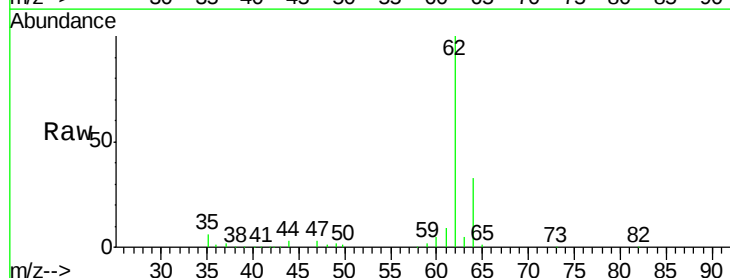
Acq: 26 Dec 2019 18:10

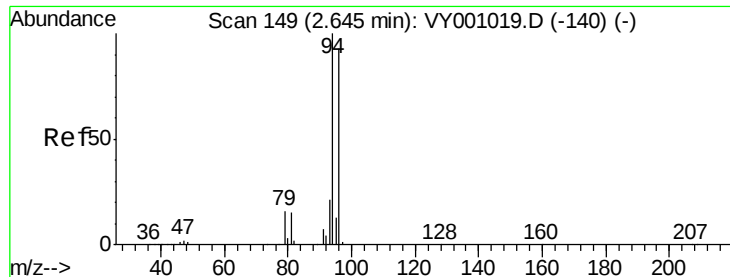
Tgt Ion: 62 Resp: 136100

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 42.213 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

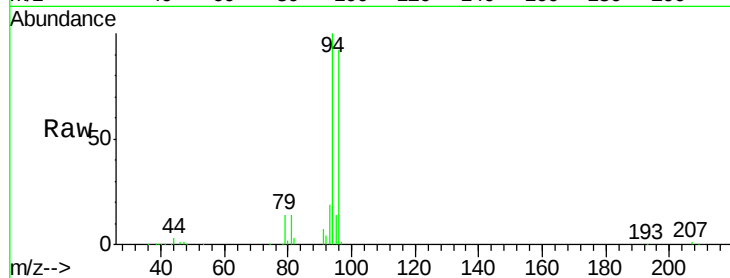
DUNR-BF001-01MSD

Tgt Ion: 94 Resp: 88334

Ion Ratio Lower Upper

94 100

96 91.8 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001080.D (-100) (-)

2.65

40000

30000

20000

10000

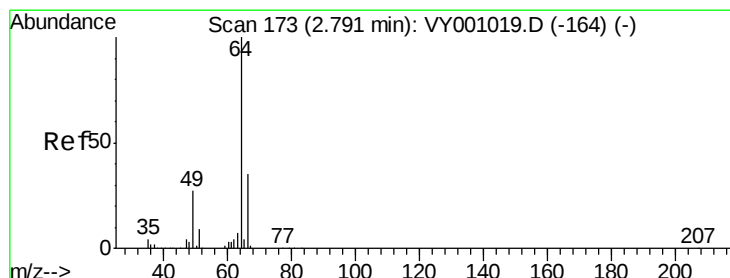
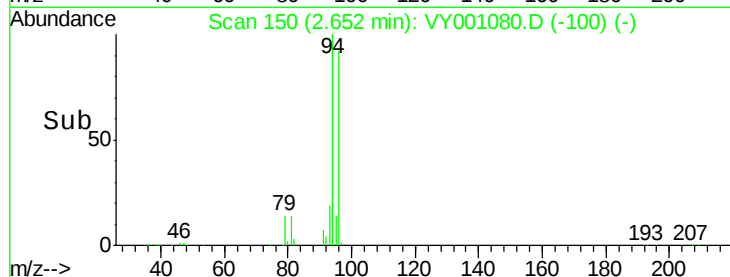
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 45.233 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001080.D

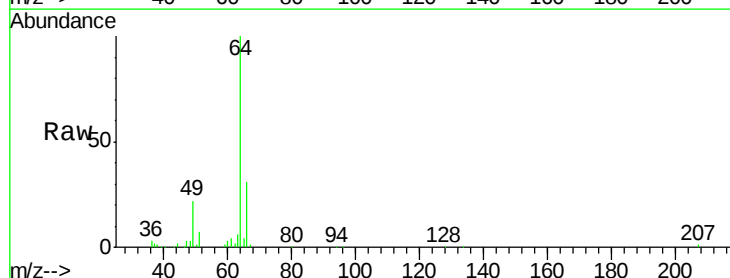
Acq: 26 Dec 2019 18:10

Tgt Ion: 64 Resp: 92351

Ion Ratio Lower Upper

64 100

66 31.1 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY001019.D (-164) (-)

Ion 65.90 (65.60 to 66.60): VY001080.D (-124) (-)

2.80

50000

40000

30000

20000

10000

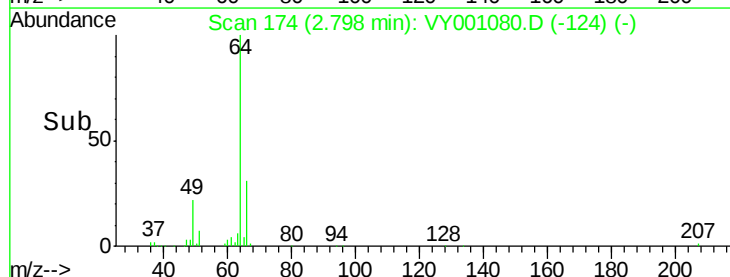
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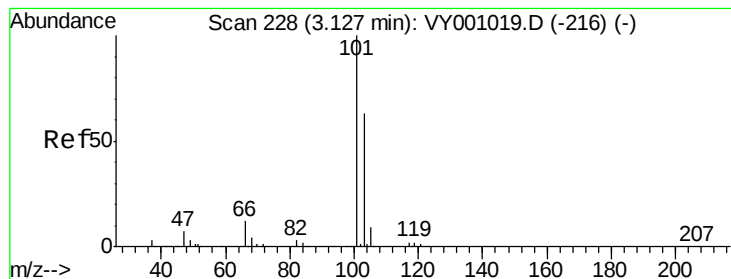
Time-->

2.70

2.80

2.90



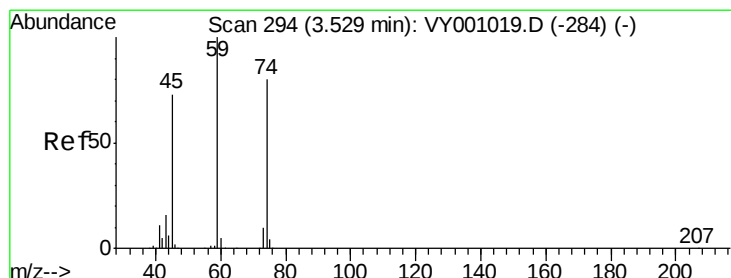
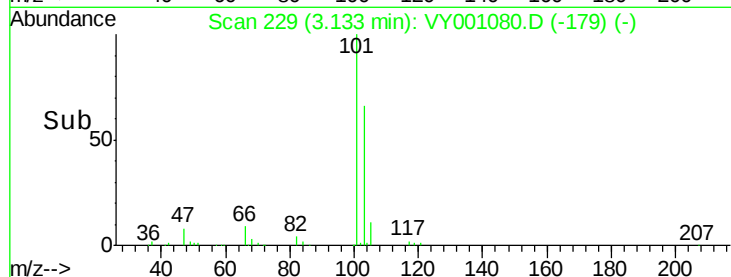
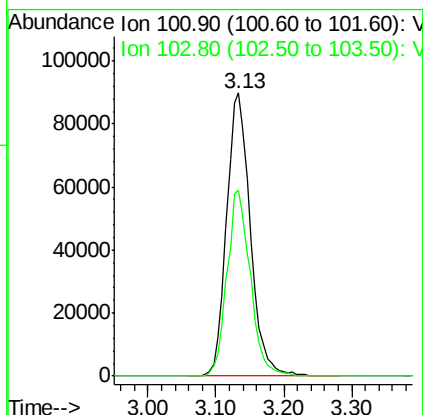
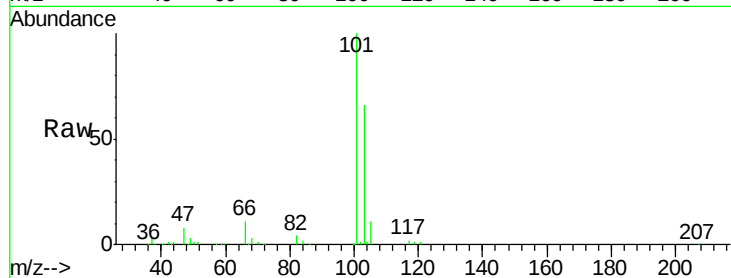


#7

Trichlorofluoromethane
Concen: 45.083 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001080.D
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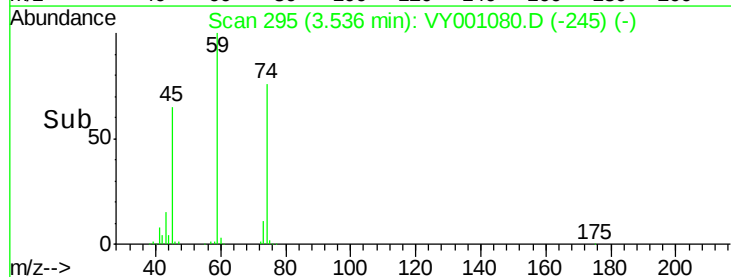
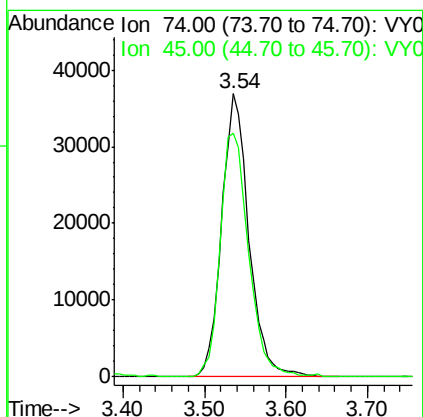
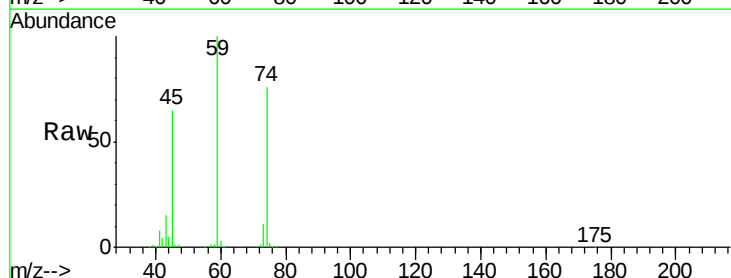
Tgt Ion:101 Resp: 216760
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.2

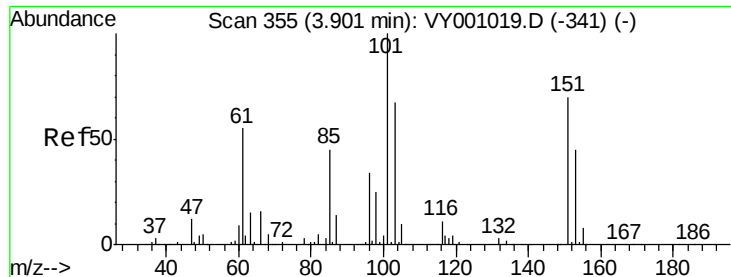


#8

Diethyl Ether
Concen: 43.369 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 74 Resp: 85118
Ion Ratio Lower Upper
74 100
45 90.2 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.613 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

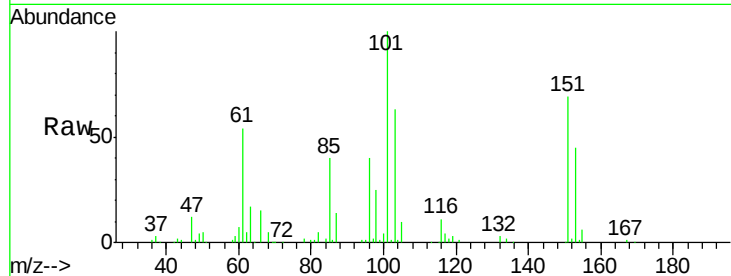
Tgt Ion:101 Resp: 147217

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

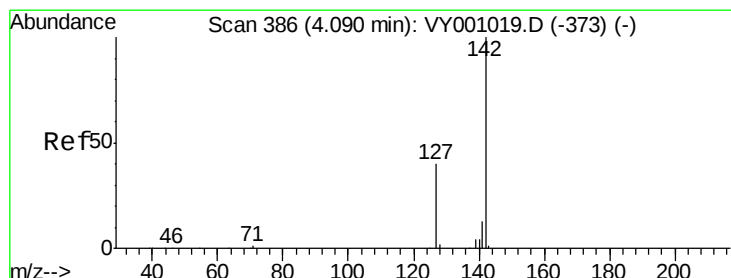
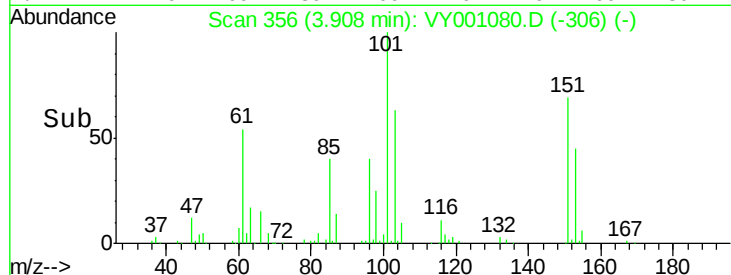
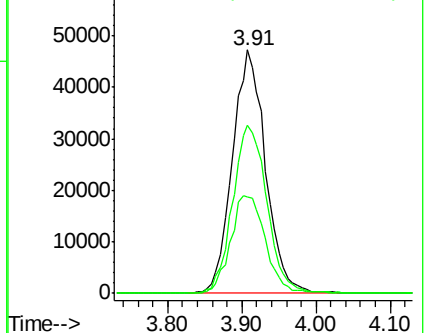
151 71.4 57.0 85.6



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: 44.252 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

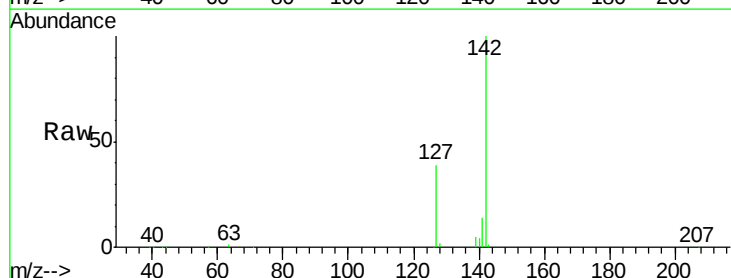
Tgt Ion:142 Resp: 193098

Ion Ratio Lower Upper

142 100

127 39.8 31.2 46.8

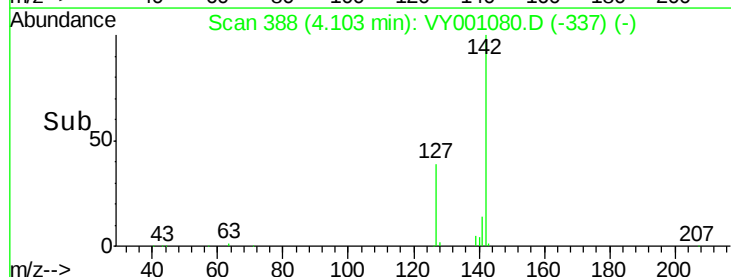
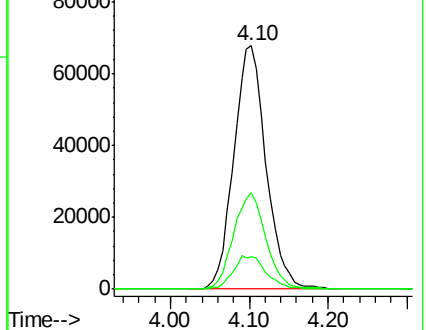
141 14.0 11.0 16.4

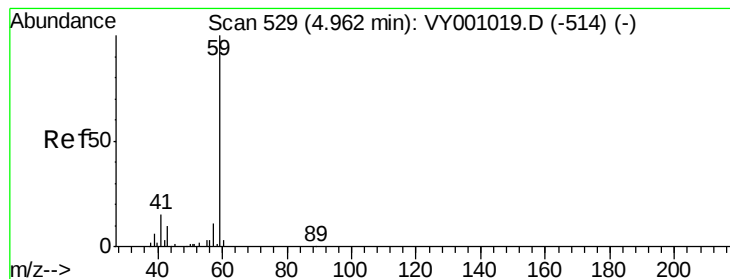


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 159.644 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

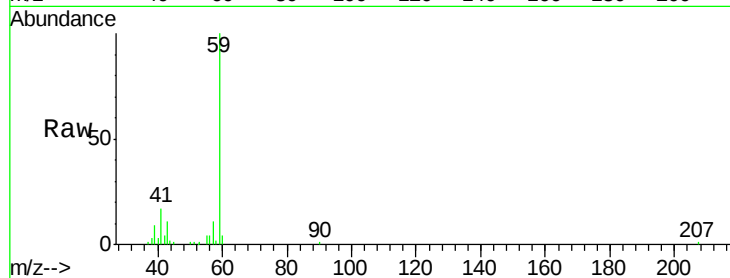
DUNR-BF001-01MSD

Tgt Ion: 59 Resp: 49275

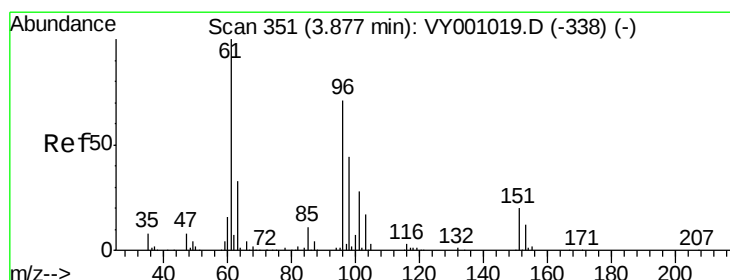
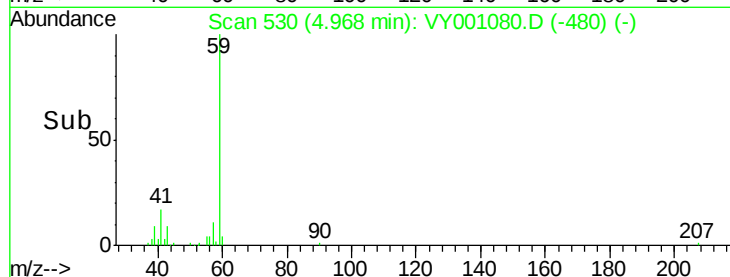
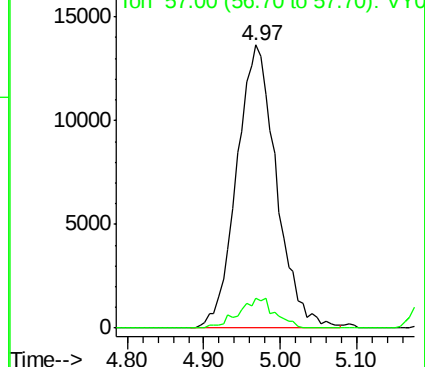
Ion Ratio Lower Upper

59 100

57 9.6 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)



#12

1,1-Dichloroethene

Concen: 45.908 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

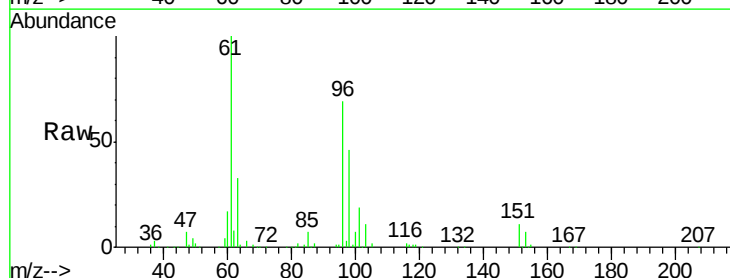
Tgt Ion: 96 Resp: 146791

Ion Ratio Lower Upper

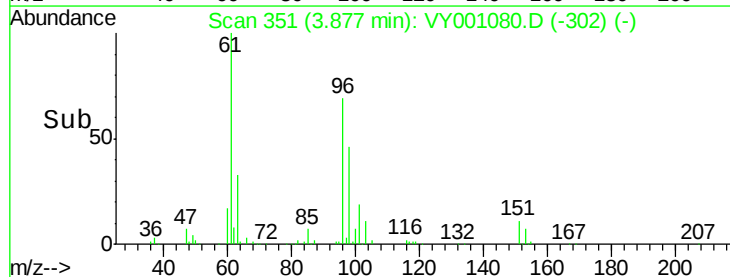
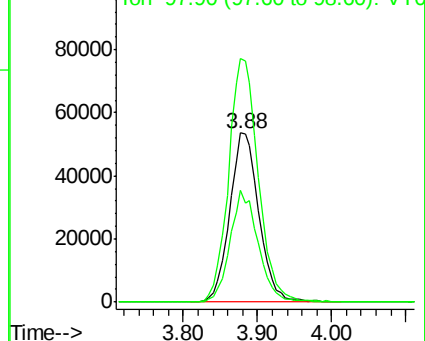
96 100

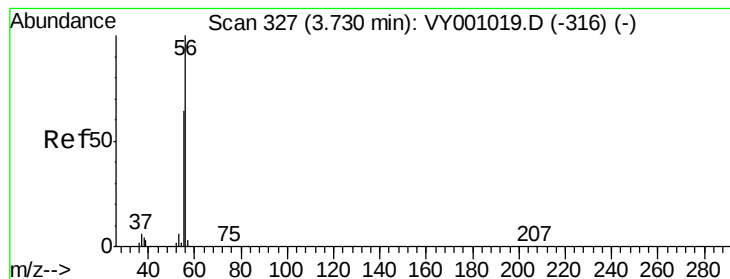
61 144.2 113.0 169.4

98 66.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001019.D (-338) (-)





#13

Acrolein

Concen: 38.271 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

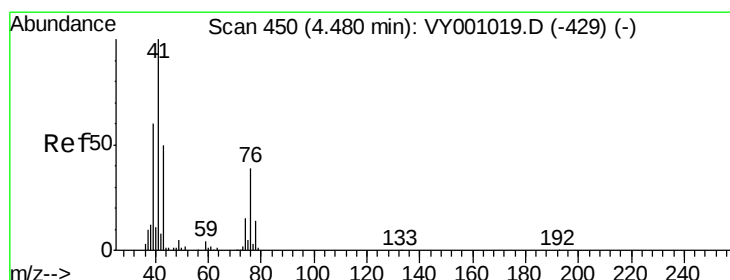
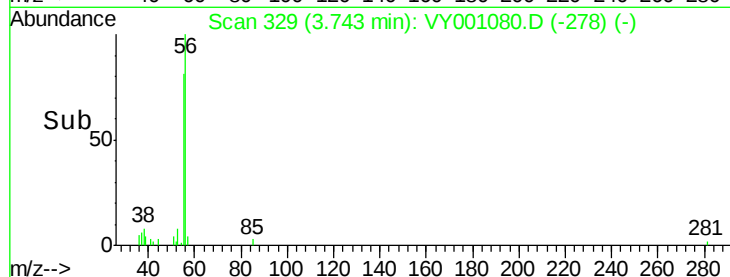
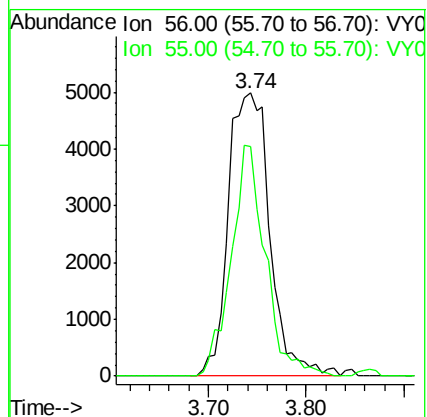
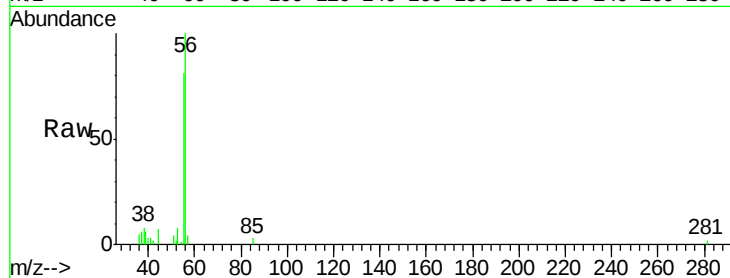
DUNR-BF001-01MSD

Tgt Ion: 56 Resp: 14636

Ion Ratio Lower Upper

56 100

55 67.5 55.6 83.4



#14

Allyl chloride

Concen: 45.216 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

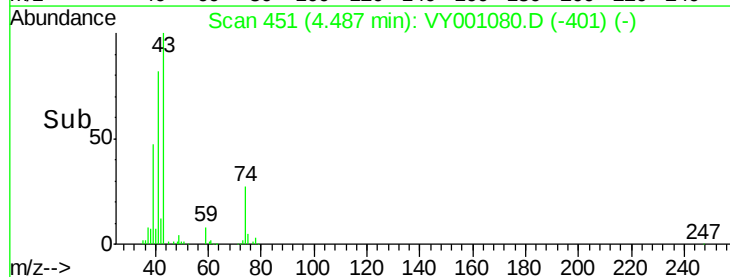
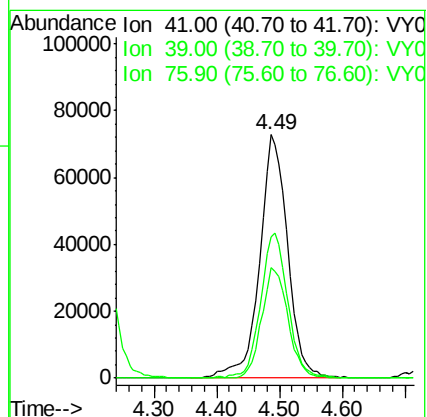
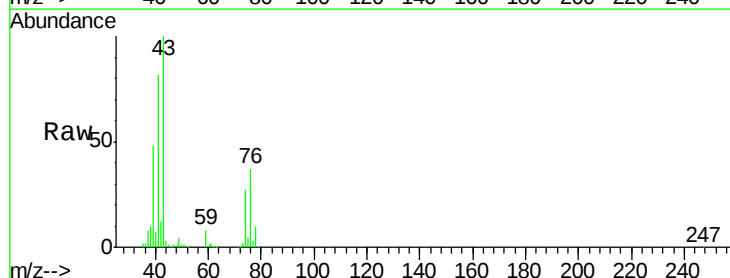
Tgt Ion: 41 Resp: 224599

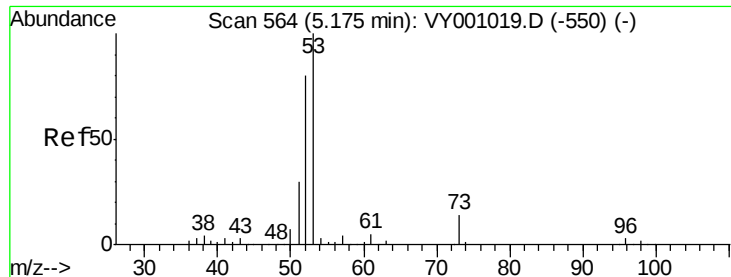
Ion Ratio Lower Upper

41 100

39 58.2 46.0 69.0

76 43.0 32.6 48.8





#15

Acrylonitrile

Concen: 188.644 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

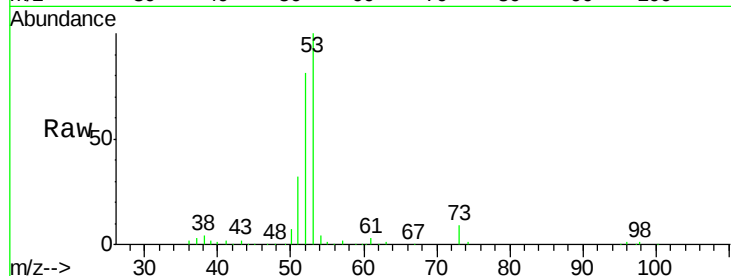
Tgt Ion: 53 Resp: 185035

Ion Ratio Lower Upper

53 100

52 78.8 63.6 95.4

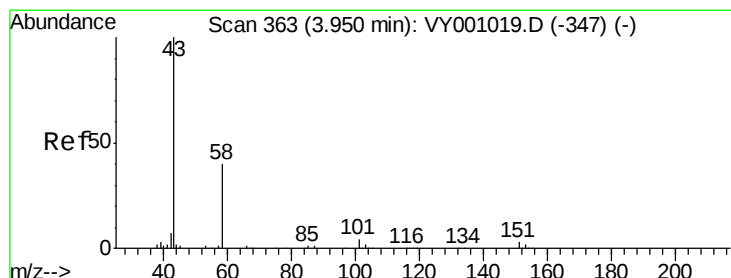
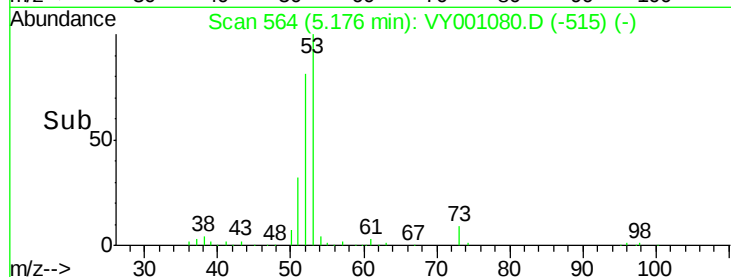
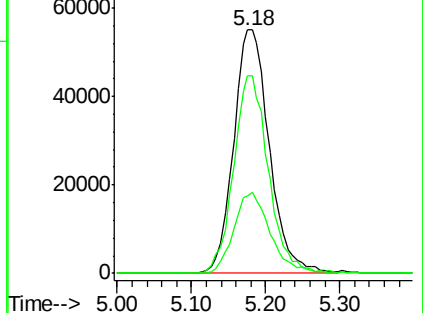
51 33.9 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY001019.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY001019.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY001019.D (-550) (-)



#16

Acetone

Concen: 180.721 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001080.D

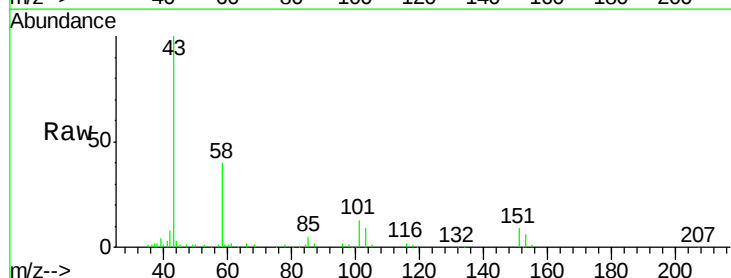
Acq: 26 Dec 2019 18:10

Tgt Ion: 43 Resp: 116871

Ion Ratio Lower Upper

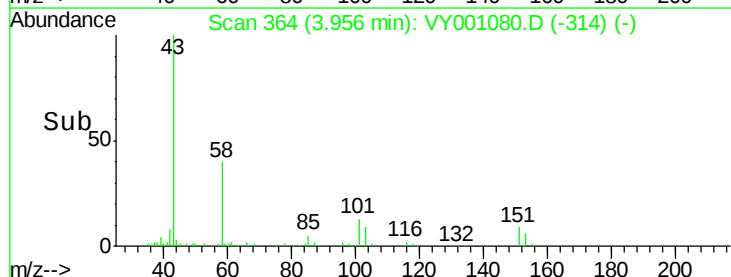
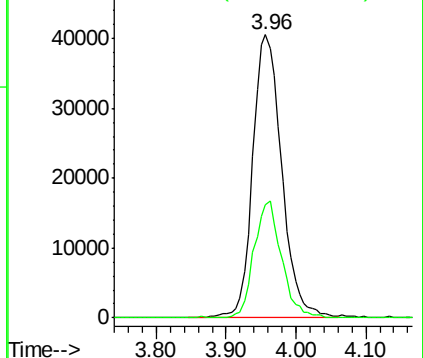
43 100

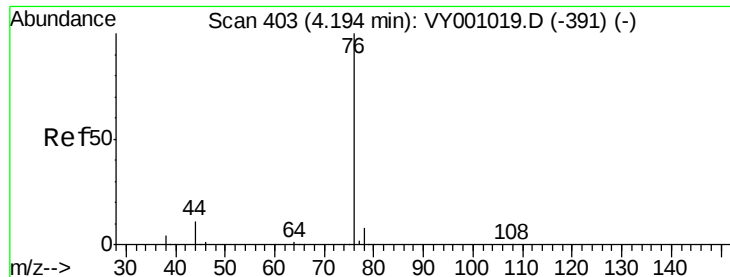
58 40.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

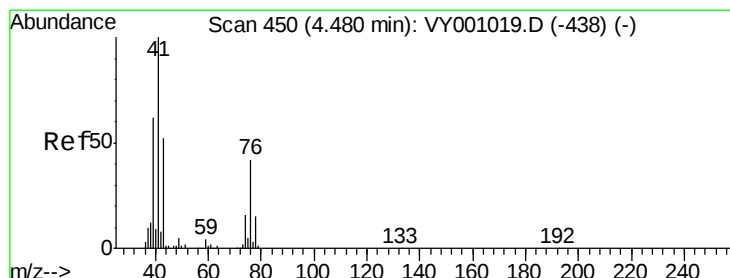
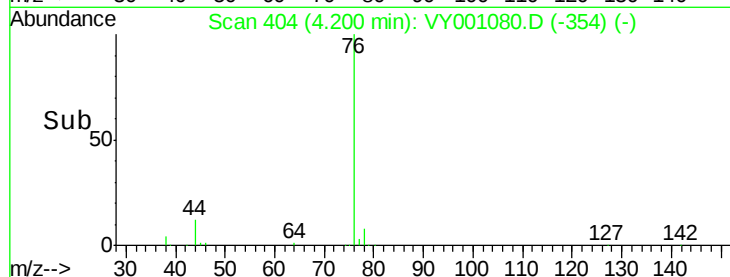
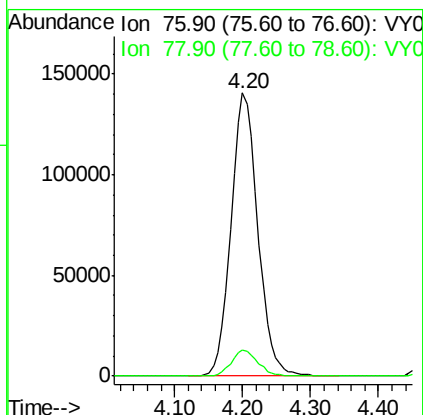
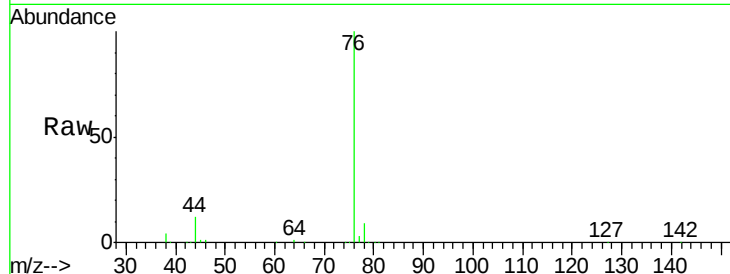




#17
Carbon Disulfide
Concen: 36.755 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

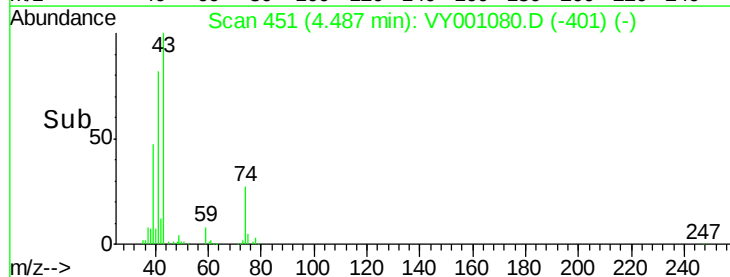
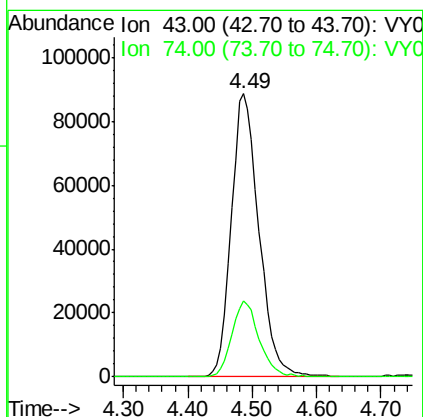
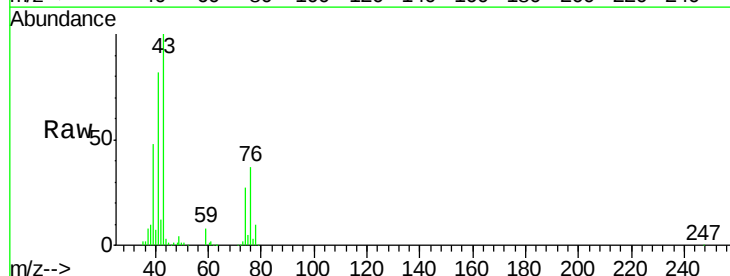
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

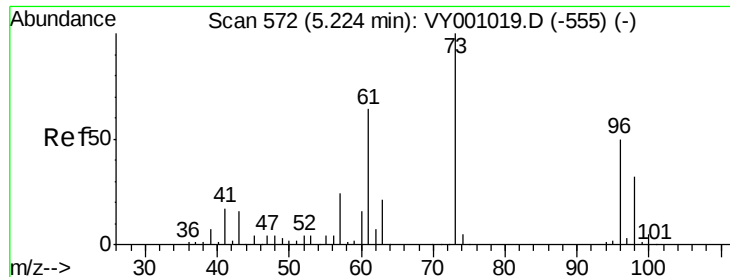
Tgt Ion: 76 Resp: 384036
Ion Ratio Lower Upper
76 100
78 9.1 6.7 10.1



#18
Methyl Acetate
Concen: 106.925 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 43 Resp: 265290
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1

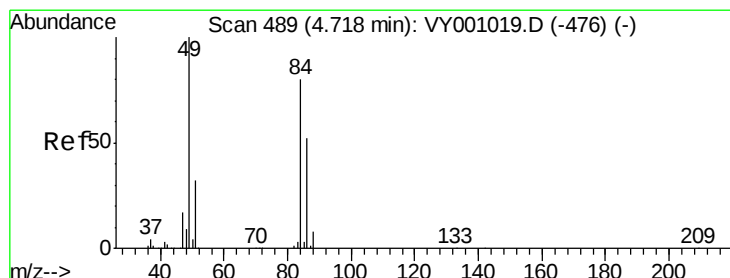
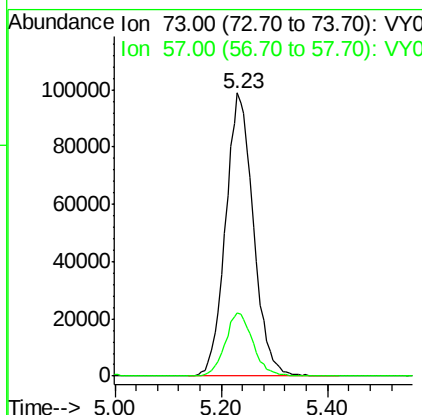
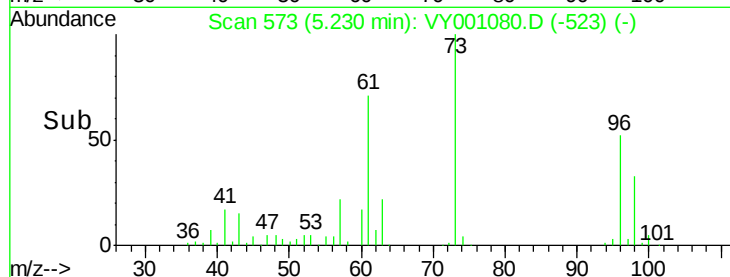
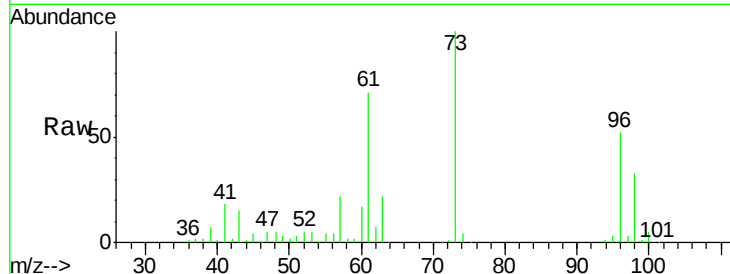




#19
Methyl tert-butyl Ether
Concen: 43.688 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

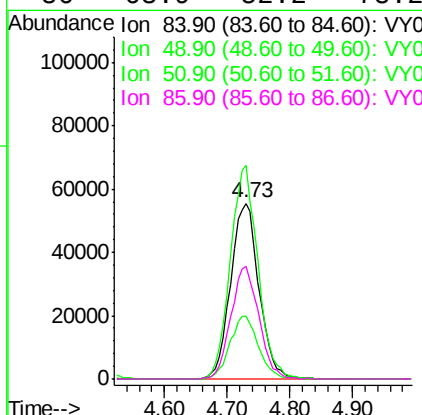
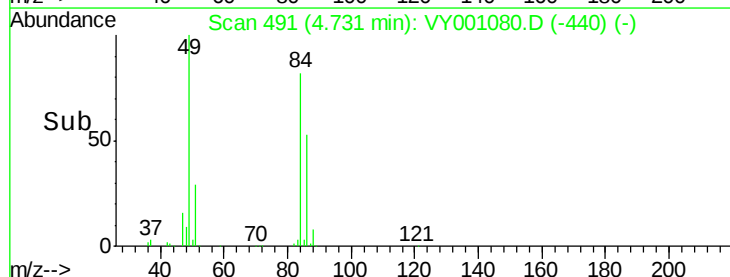
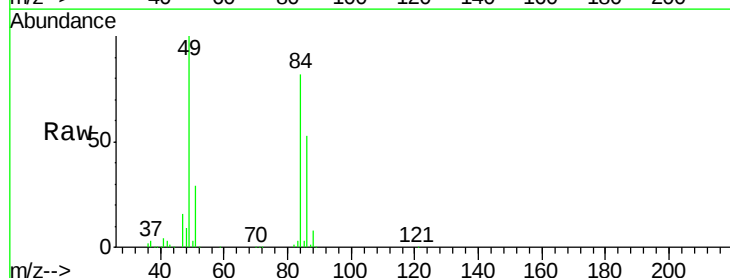
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

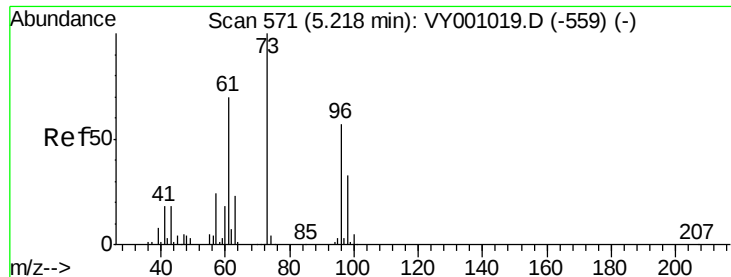
Tgt Ion: 73 Resp: 360544
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6



#20
Methylene Chloride
Concen: 45.660 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 84 Resp: 173803
Ion Ratio Lower Upper
84 100
49 121.4 99.8 149.6
51 35.5 31.4 47.2
86 63.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.829 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.02 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

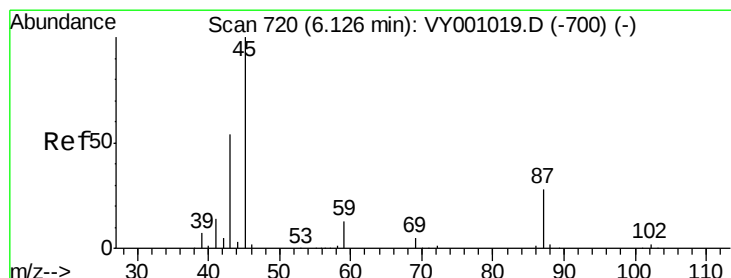
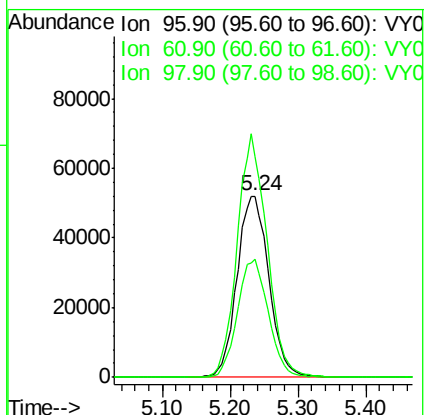
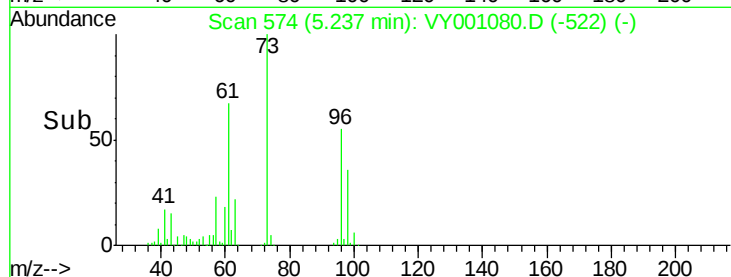
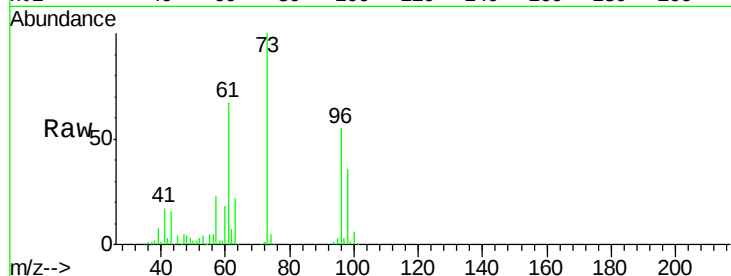
Tgt Ion: 96 Resp: 169490

Ion Ratio Lower Upper

96 100

61 121.6 98.1 147.1

98 65.2 47.2 70.8



#22

Diisopropyl ether

Concen: 47.811 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Tgt Ion: 45 Resp: 480031

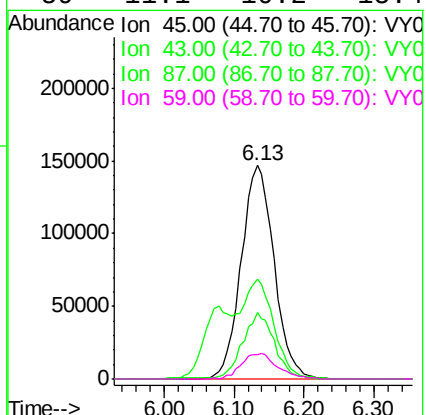
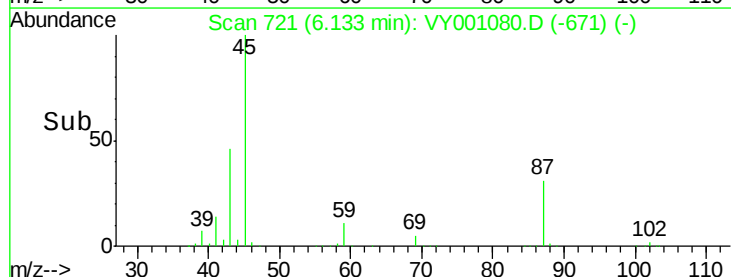
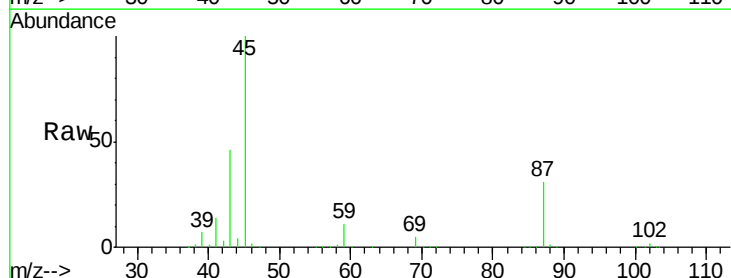
Ion Ratio Lower Upper

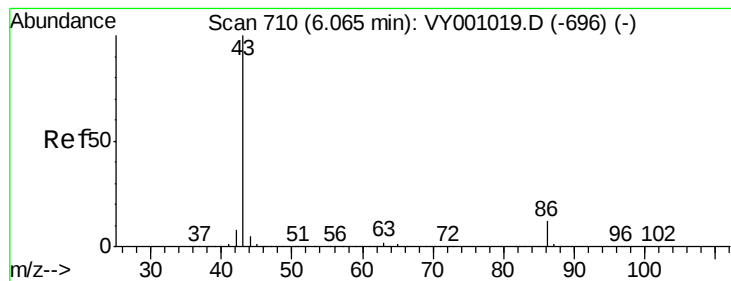
45 100

43 46.3 43.6 65.4

87 30.9 23.1 34.7

59 11.1 10.2 15.4





#23

Vinyl Acetate

Concen: 20.693 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

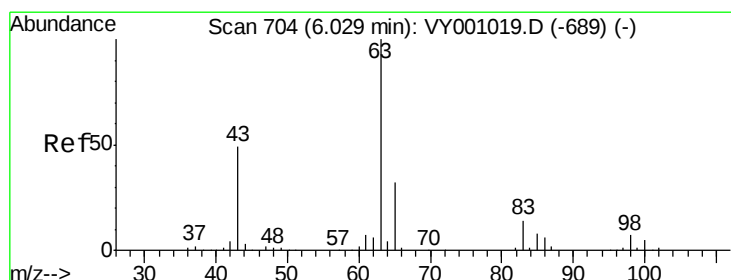
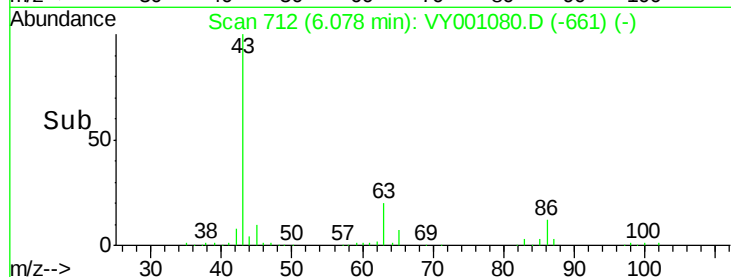
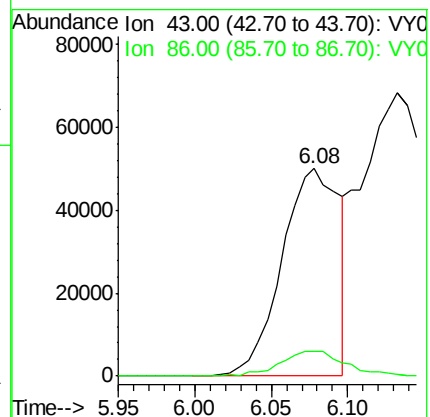
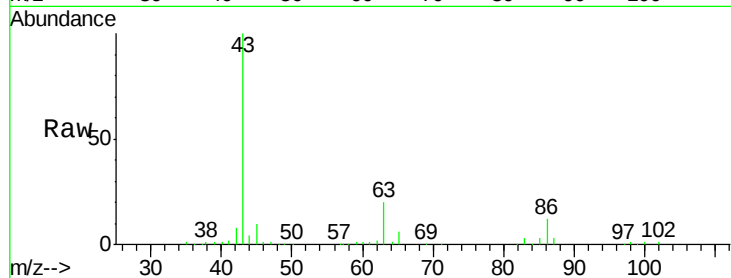
DUNR-BF001-01MSD

Tgt Ion: 43 Resp: 131212

Ion Ratio Lower Upper

43 100

86 11.8 9.5 14.3



#24

1,1-Dichloroethane

Concen: 48.332 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

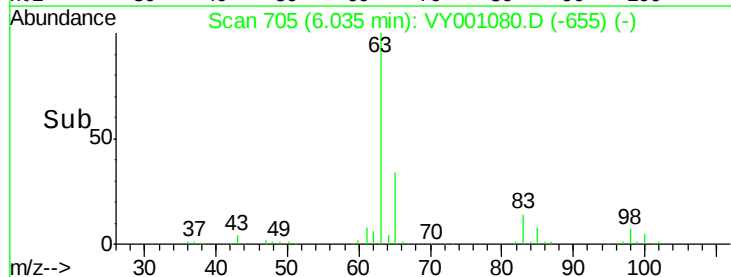
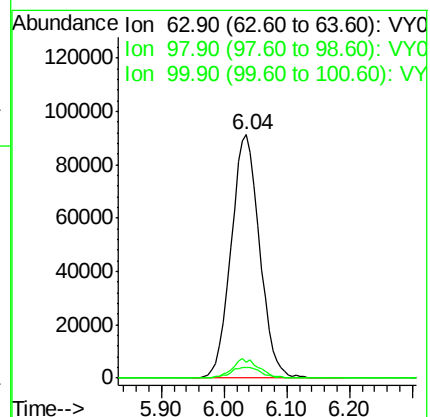
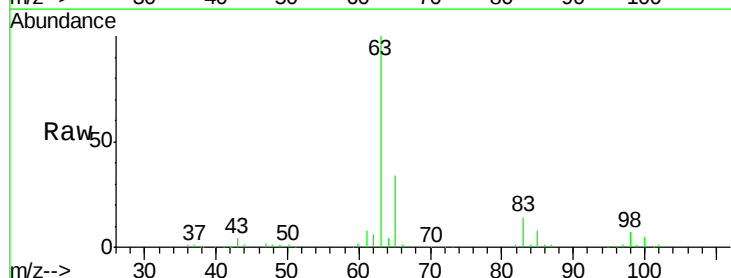
Tgt Ion: 63 Resp: 286765

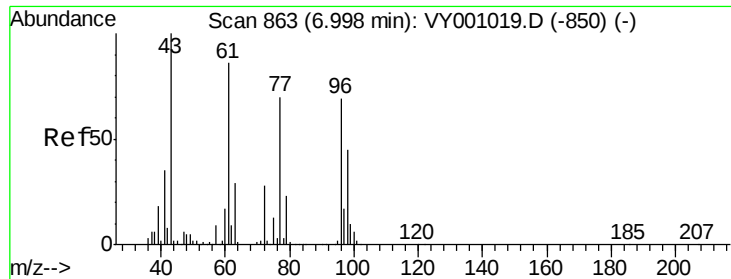
Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 175.037 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

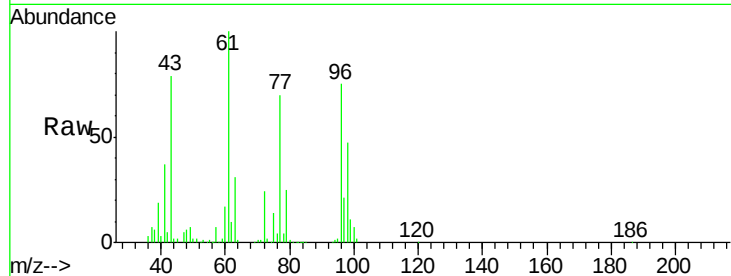
DUNR-BF001-01MSD

Tgt Ion: 43 Resp: 198855

Ion Ratio Lower Upper

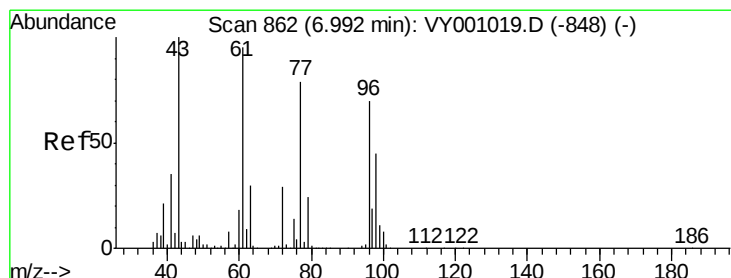
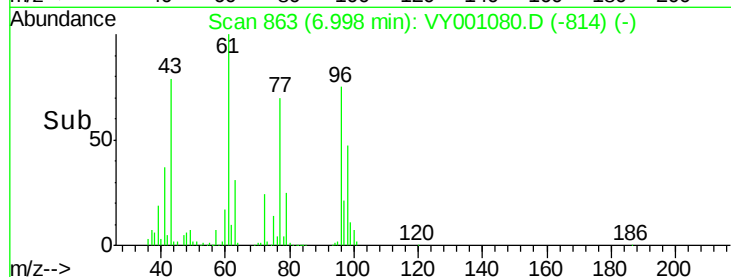
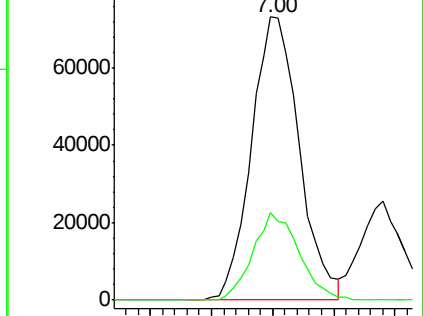
43 100

72 31.0 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: 43.728 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001080.D

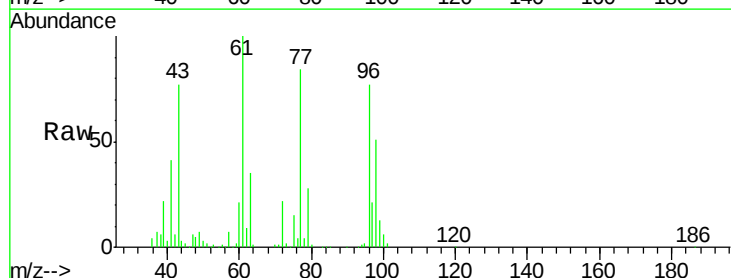
Acq: 26 Dec 2019 18:10

Tgt Ion: 77 Resp: 213160

Ion Ratio Lower Upper

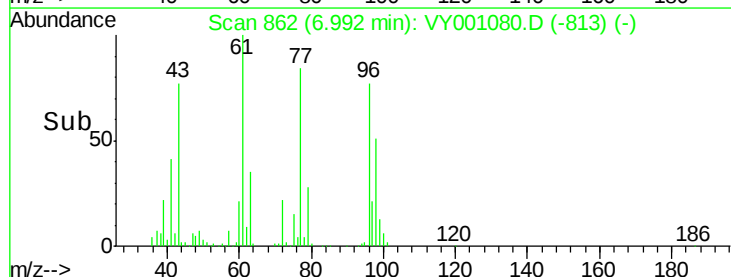
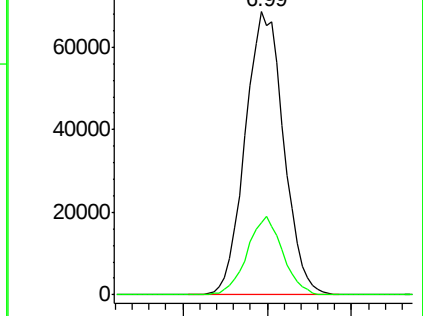
77 100

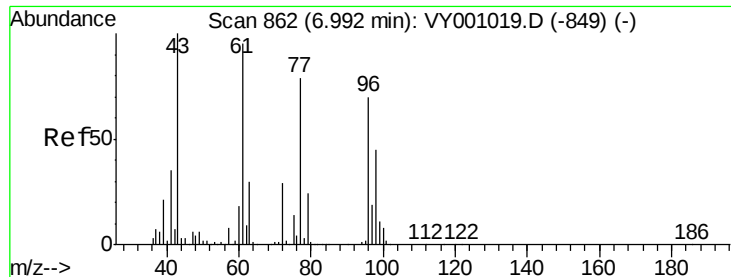
97 25.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



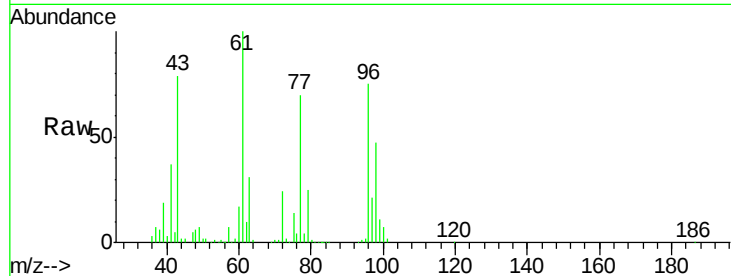


#27

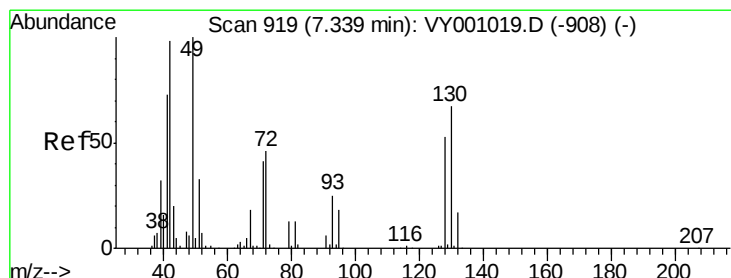
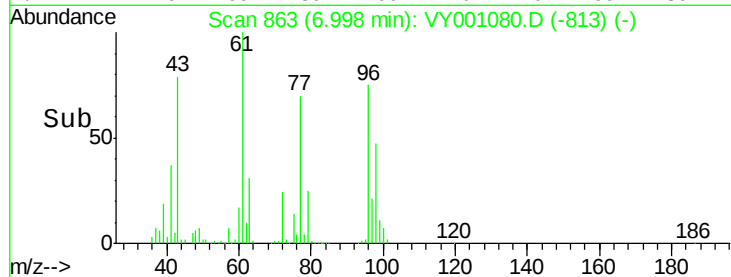
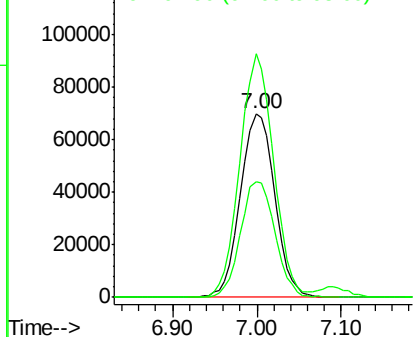
cis-1,2-Dichloroethene
Concen: 49.618 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tgt Ion: 96 Resp: 193172
Ion Ratio Lower Upper
96 100
61 130.2 0.0 268.2
98 63.1 0.0 129.2



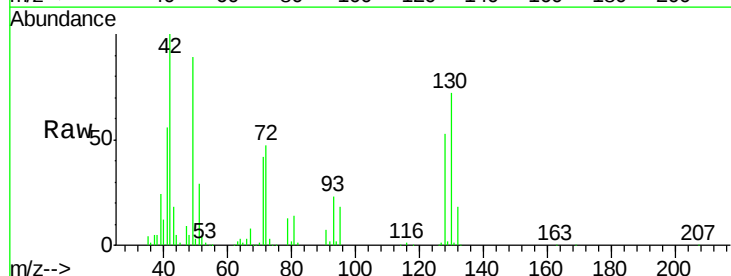
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



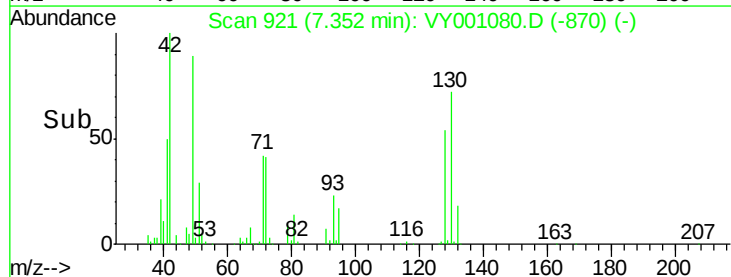
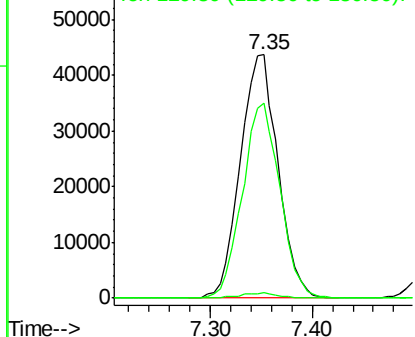
#28

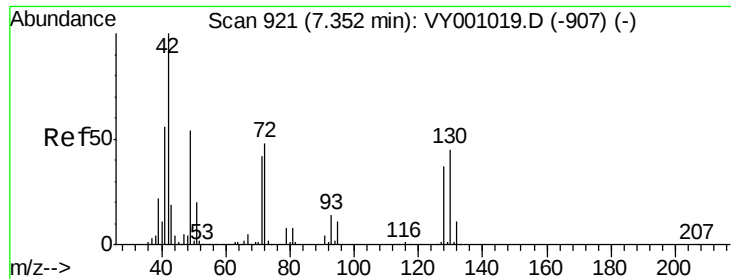
Bromochloromethane
Concen: 48.422 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 49 Resp: 112099
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 79.9 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

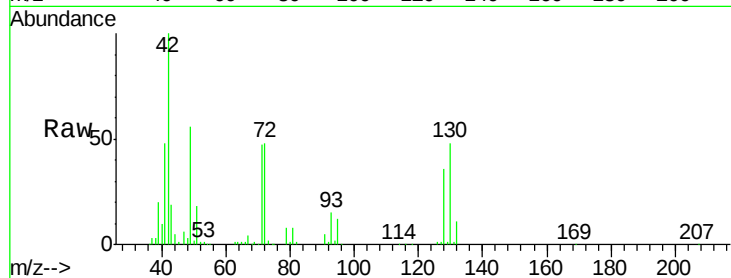




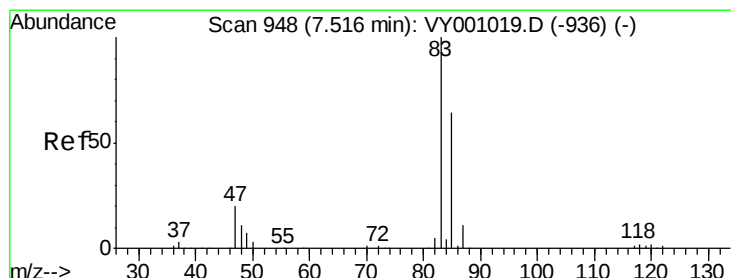
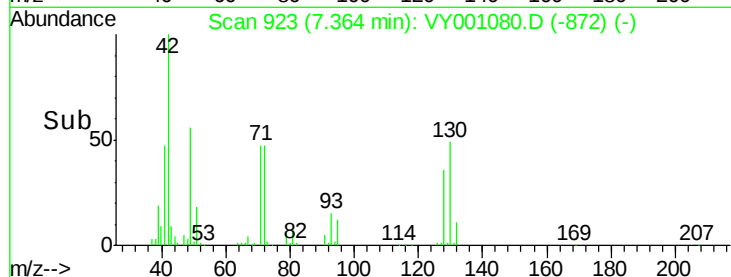
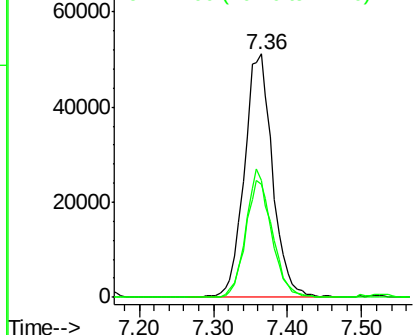
#29
Tetrahydrofuran
Concen: 168.251 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tgt Ion: 42 Resp: 135967
Ion Ratio Lower Upper
42 100
72 48.3 37.7 56.5
71 45.6 34.6 51.8

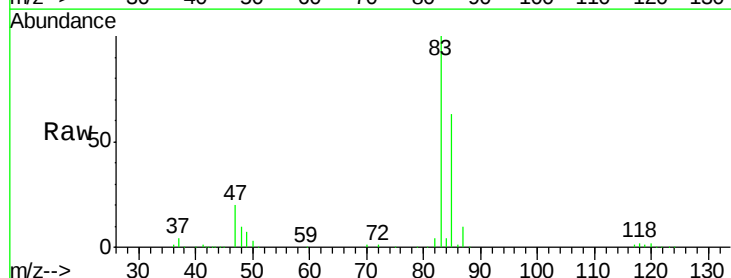


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

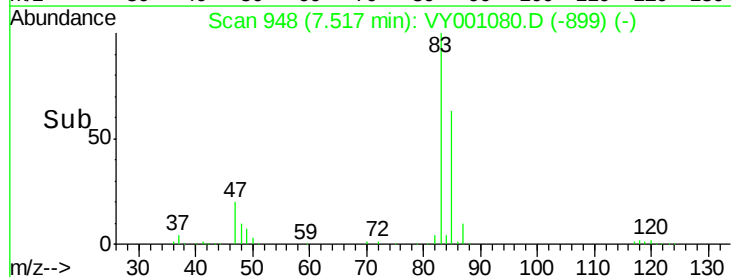
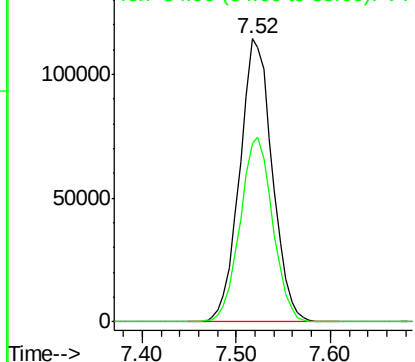


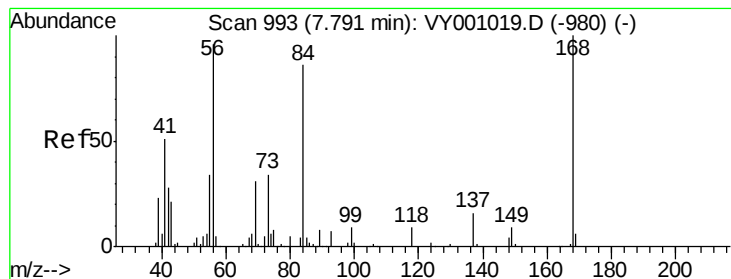
#30
Chloroform
Concen: 49.371 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 83 Resp: 276990
Ion Ratio Lower Upper
83 100
85 63.2 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: 39.548 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

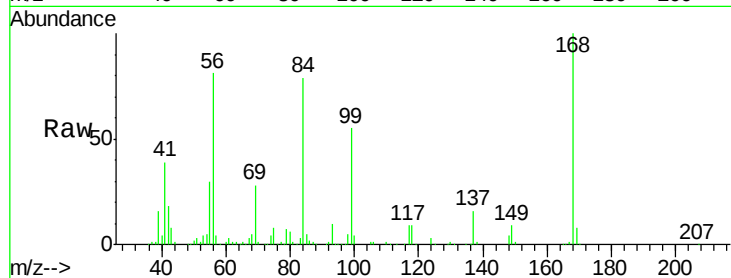
Tgt Ion: 56 Resp: 246745

Ion Ratio Lower Upper

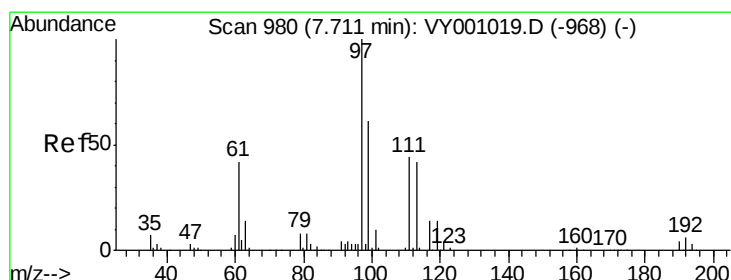
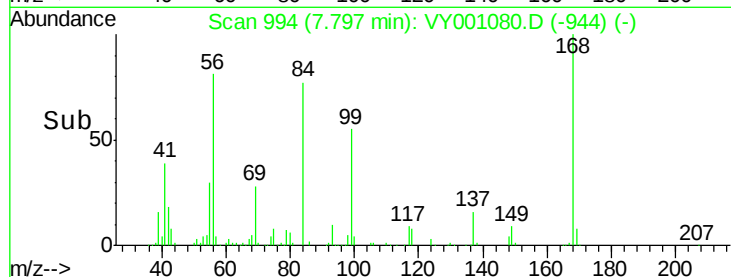
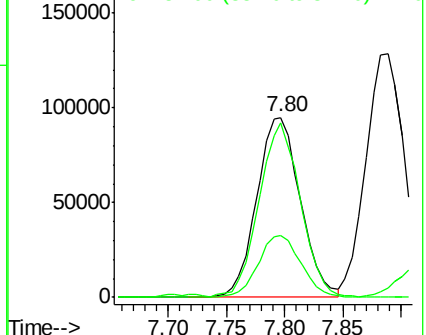
56 100

69 34.7 26.1 39.1

84 95.2 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: 48.074 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

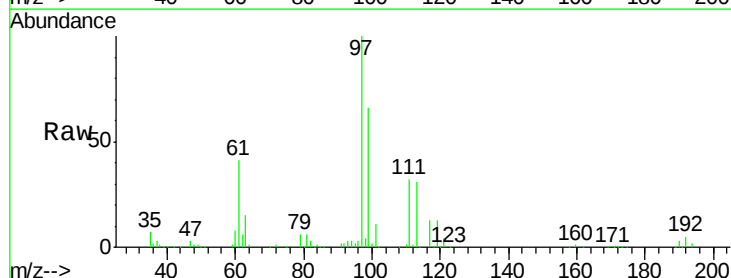
Tgt Ion: 97 Resp: 230077

Ion Ratio Lower Upper

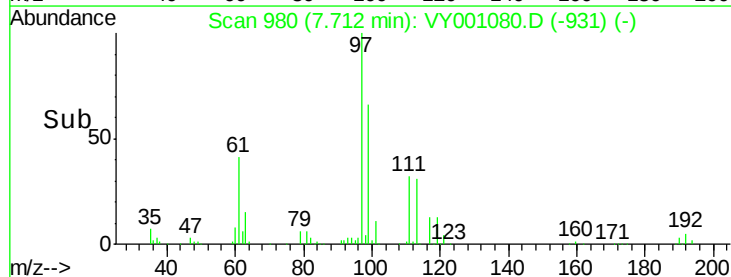
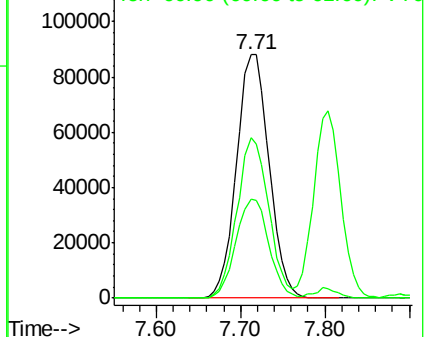
97 100

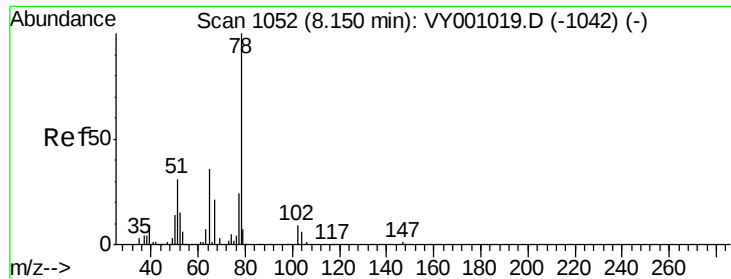
99 64.2 50.6 76.0

61 41.1 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: 45.697 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

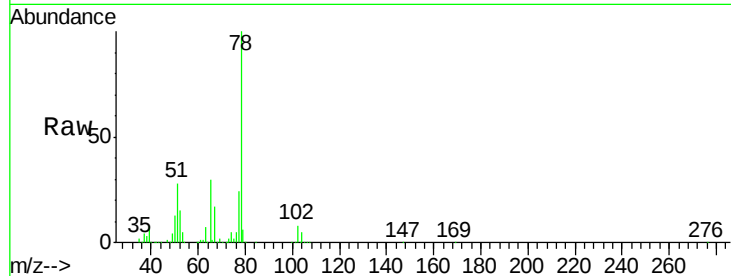
DUNR-BF001-01MSD

Tgt Ion: 65 Resp: 128278

Ion Ratio Lower Upper

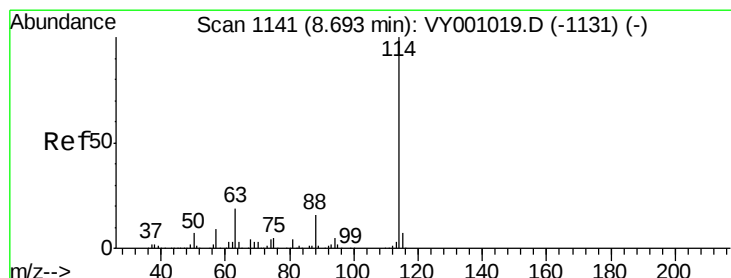
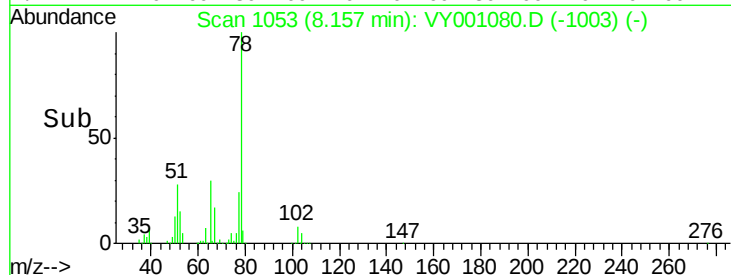
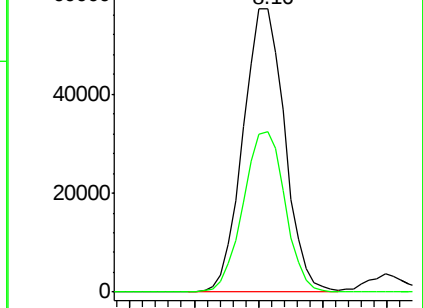
65 100

67 56.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001080.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001080.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

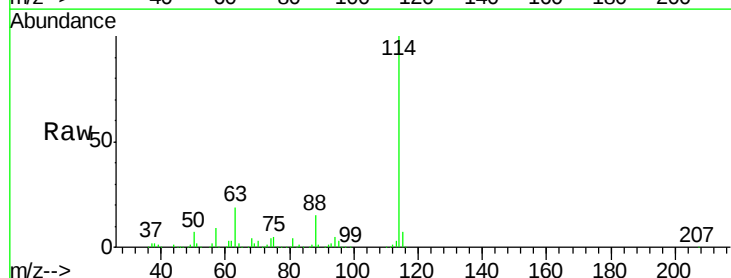
Tgt Ion: 114 Resp: 500474

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

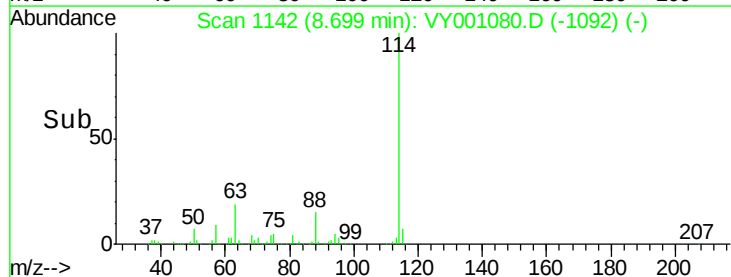
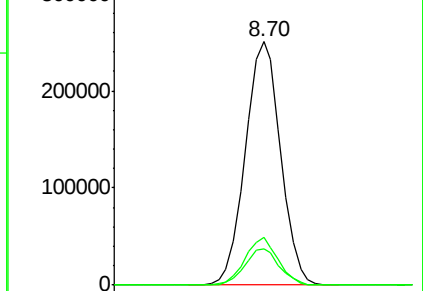
88 14.9 0.0 32.0

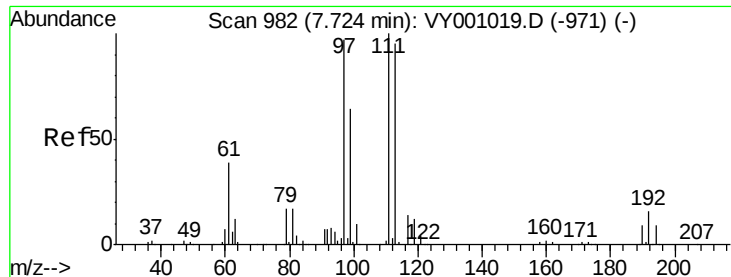


Abundance Ion 113.90 (113.60 to 114.60): VY001080.D (-1092) (-)

Ion 63.00 (62.70 to 63.30): VY001080.D (-1092) (-)

Ion 87.90 (87.60 to 88.20): VY001080.D (-1092) (-)

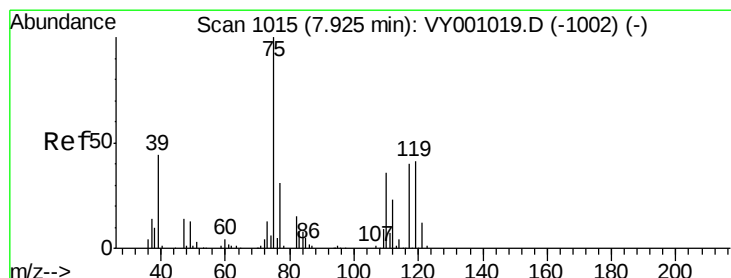
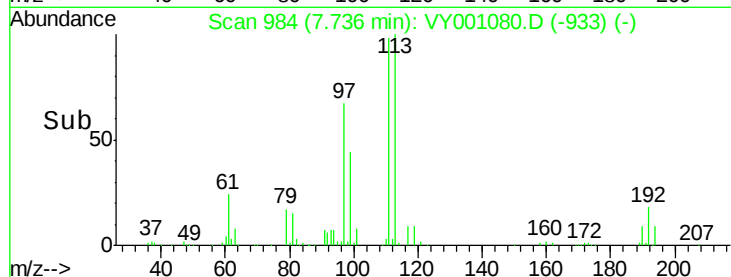
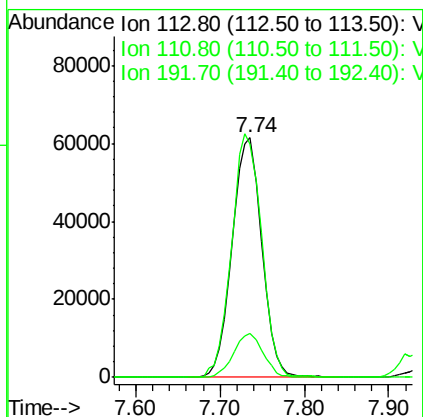
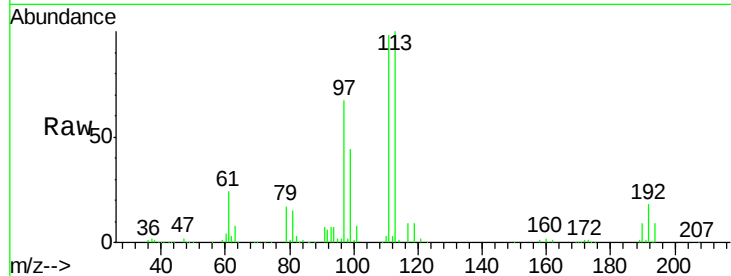




#35
 Dibromofluoromethane
 Concen: 49.657 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

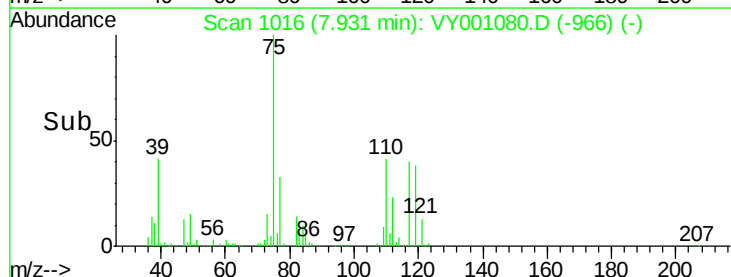
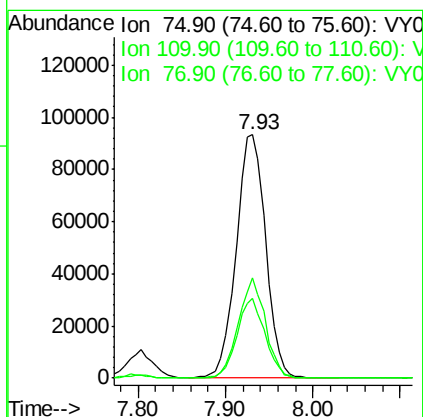
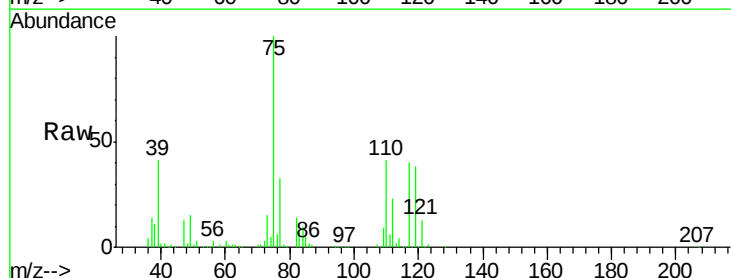
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

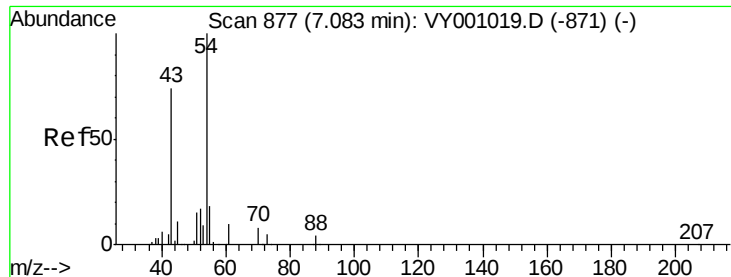
Tgt Ion: 113 Resp: 146342
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 18.2 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 45.770 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 75 Resp: 218529
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.1 54.4
 77 31.4 24.6 37.0

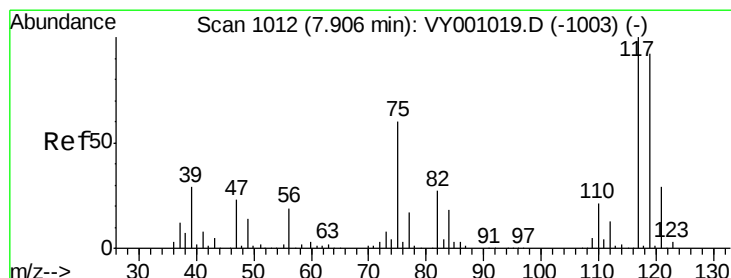
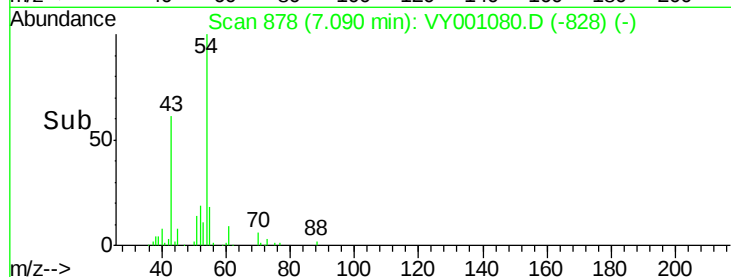
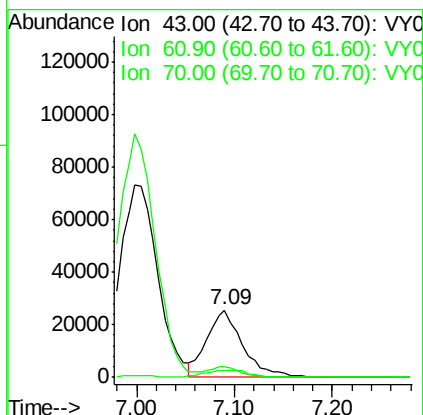
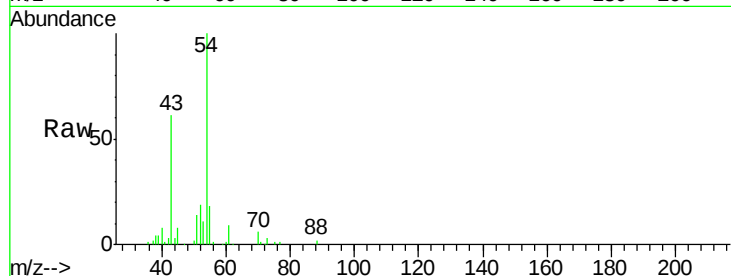




#37
Ethyl Acetate
Concen: 24.602 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

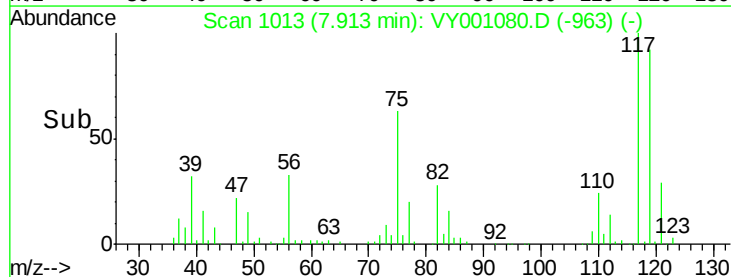
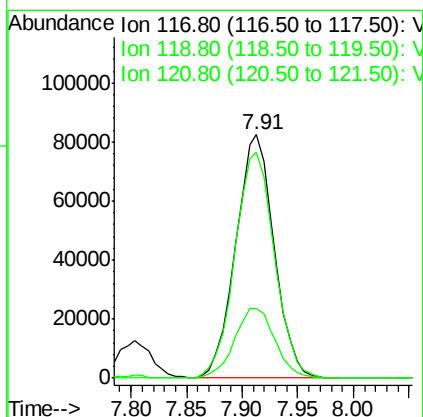
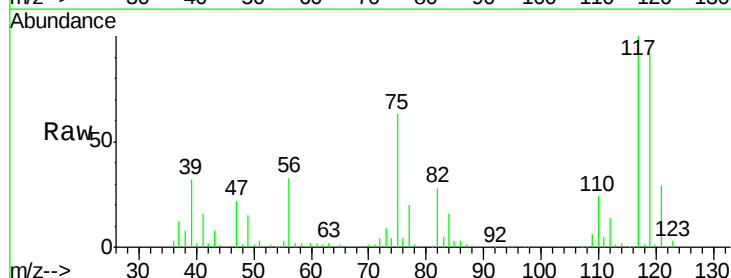
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

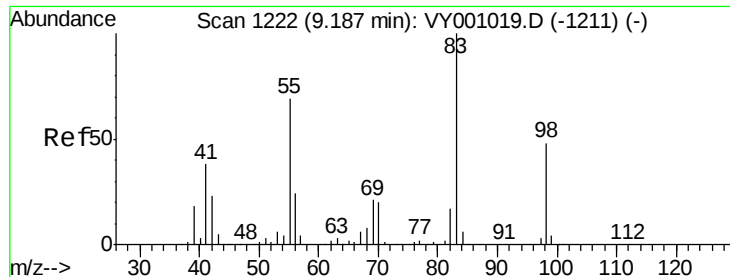
Tgt Ion: 43 Resp: 65041
Ion Ratio Lower Upper
43 100
61 14.6 12.5 18.7
70 11.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 47.045 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 117 Resp: 196796
Ion Ratio Lower Upper
117 100
119 92.5 74.2 111.2
121 28.8 22.9 34.3

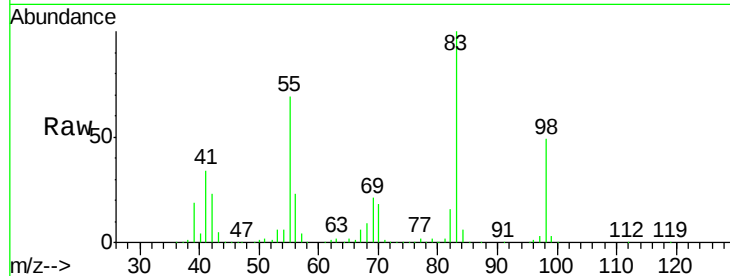




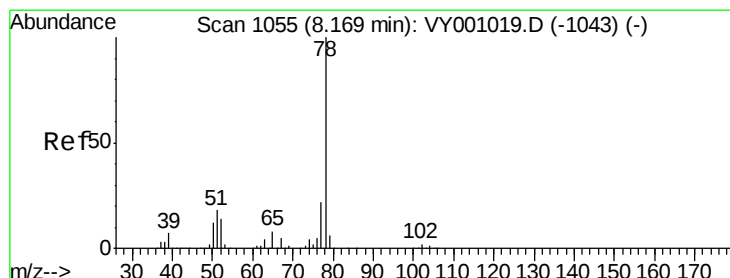
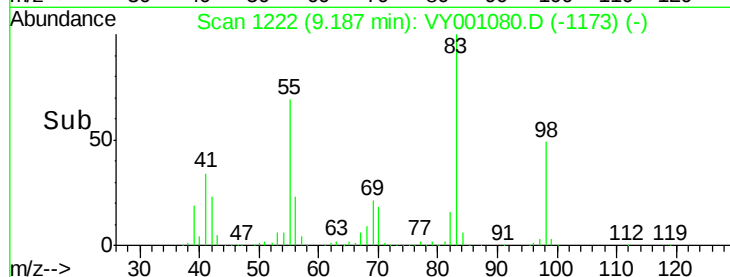
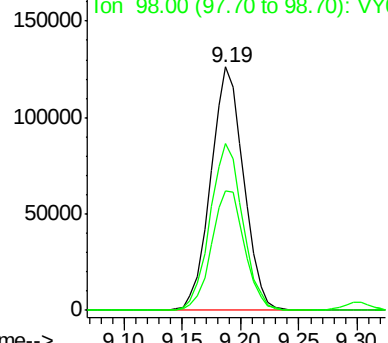
#39
Methylcyclohexane
Concen: 39.174 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tgt Ion: 83 Resp: 248376
Ion Ratio Lower Upper
83 100
55 68.6 55.1 82.7
98 49.2 38.3 57.5

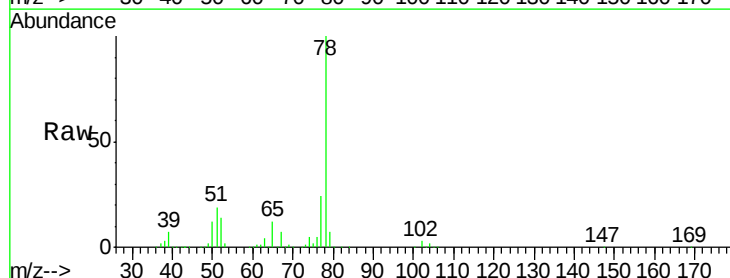


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

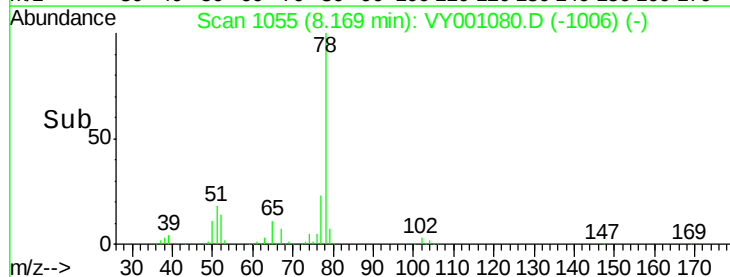
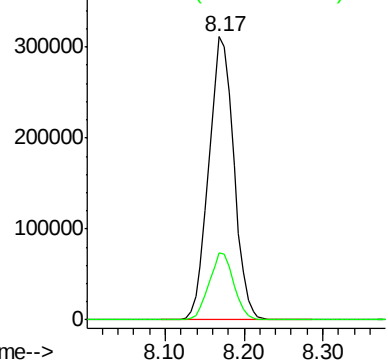


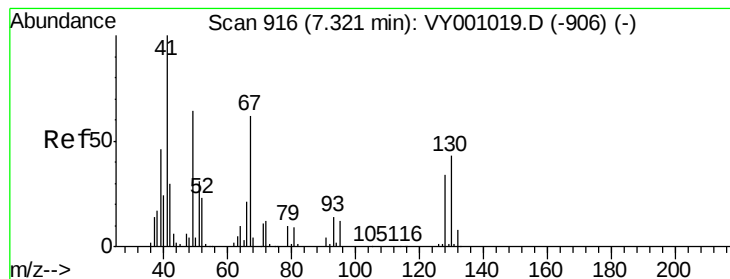
#40
Benzene
Concen: 47.759 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 78 Resp: 687914
Ion Ratio Lower Upper
78 100
77 23.6 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: 105.704 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.04 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tgt Ion: 41 Resp: 121155

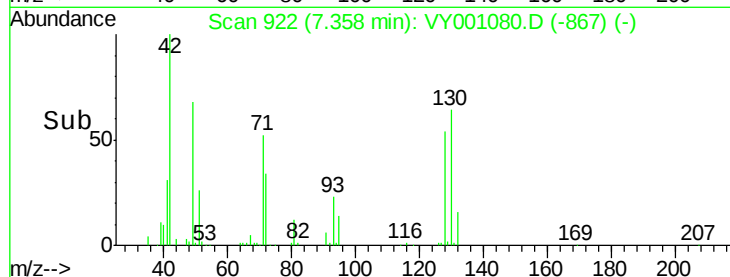
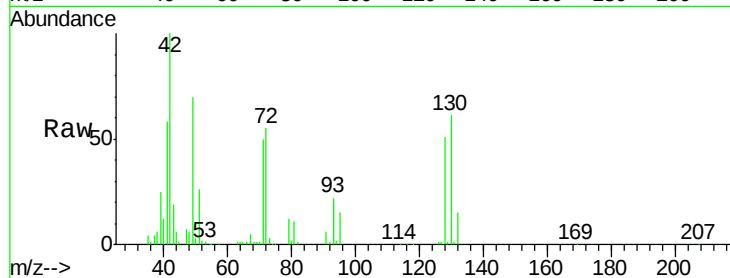
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

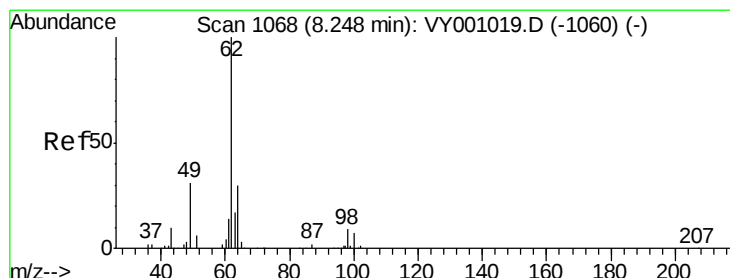
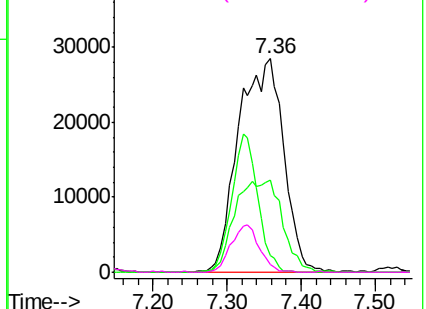


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 44.078 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001080.D

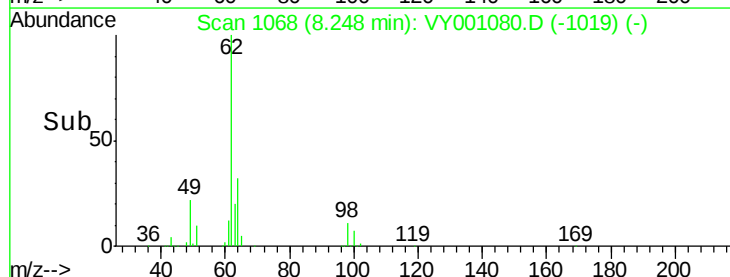
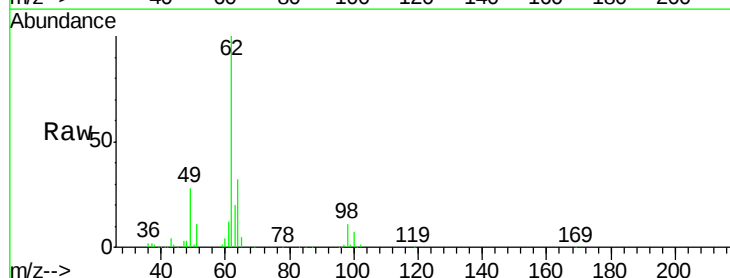
Acq: 26 Dec 2019 18:10

Tgt Ion: 62 Resp: 151792

Ion Ratio Lower Upper

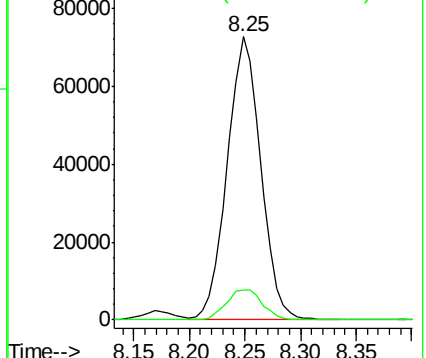
62 100

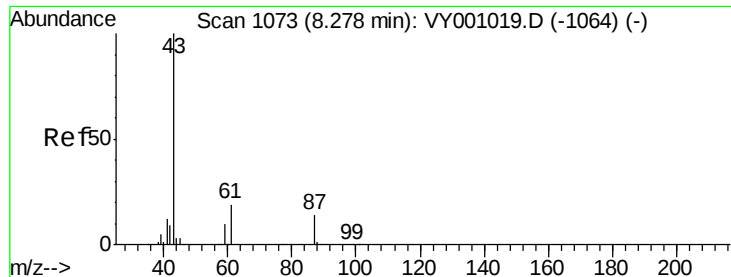
98 11.5 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 28.995 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

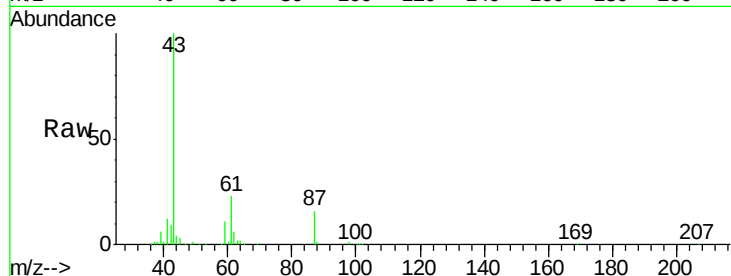
Tgt Ion: 43 Resp: 141896

Ion Ratio Lower Upper

43 100

61 35.9 25.0 37.6

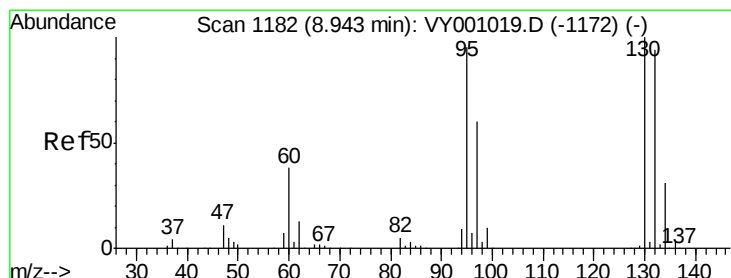
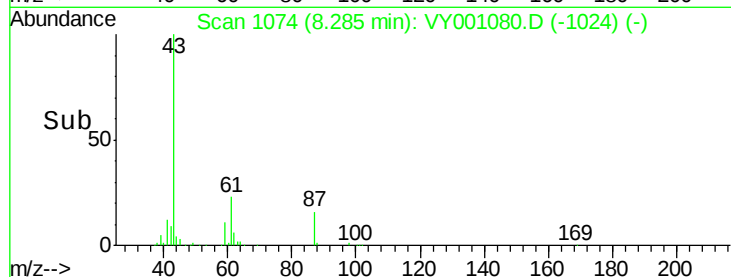
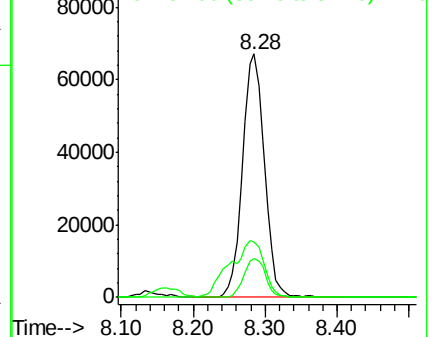
87 15.7 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 47.605 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY001080.D

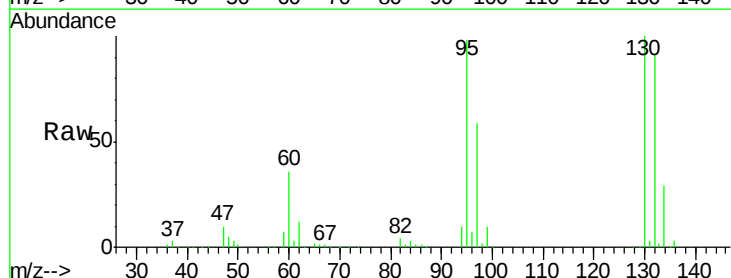
Acq: 26 Dec 2019 18:10

Tgt Ion: 130 Resp: 180668

Ion Ratio Lower Upper

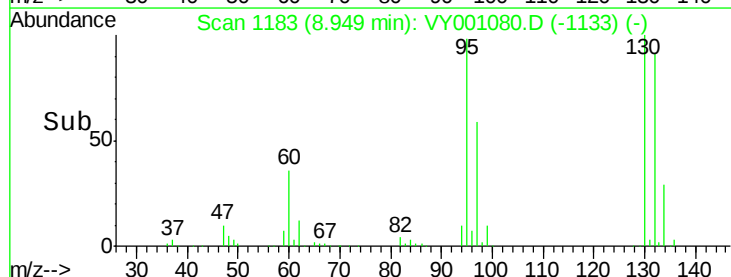
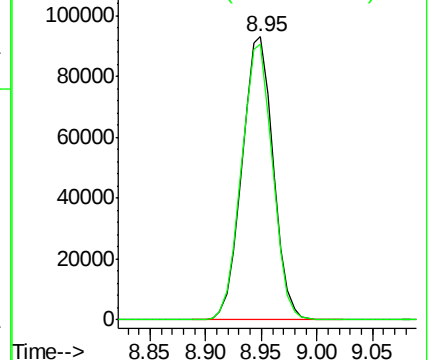
130 100

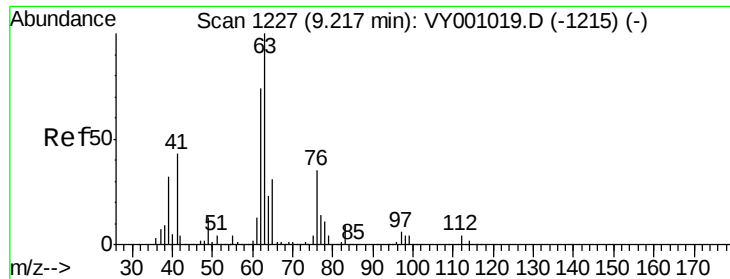
95 97.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

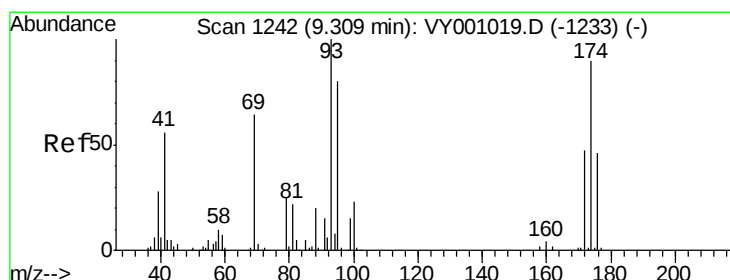
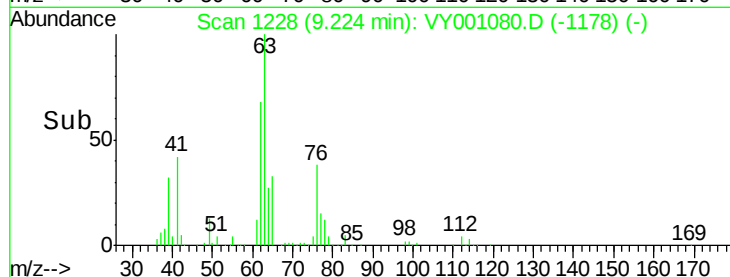
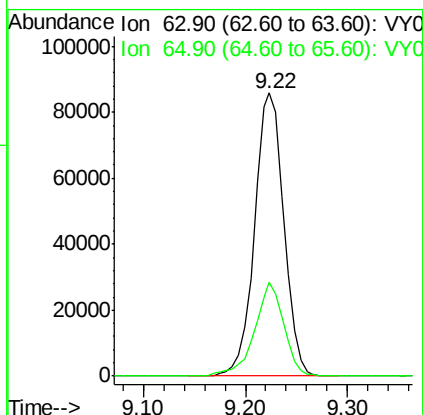
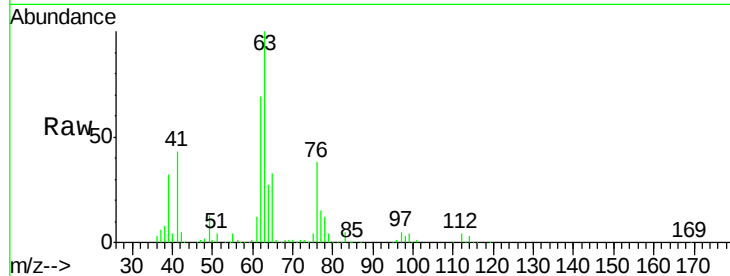




#45
 1,2-Dichloropropane
 Concen: 47.462 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

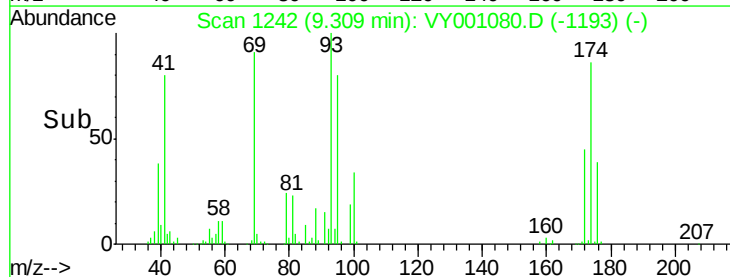
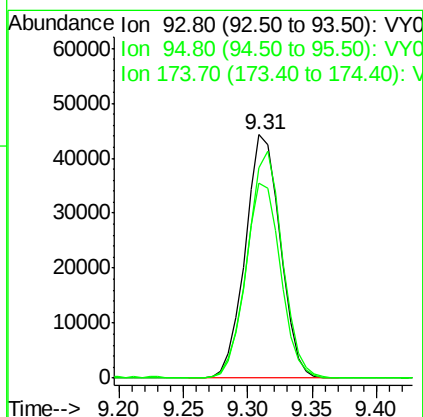
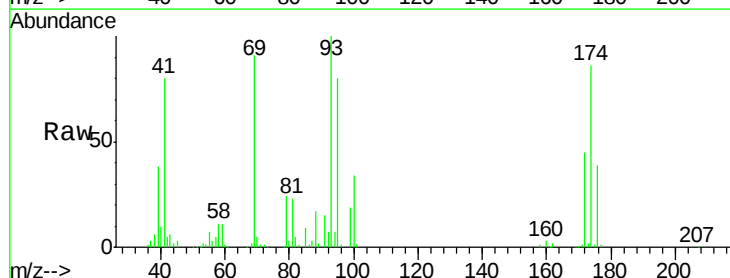
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

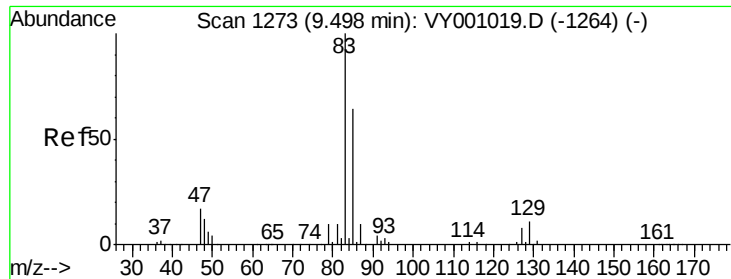
Tgt Ion: 63 Resp: 171504
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.1 37.7



#46
 Dibromomethane
 Concen: 44.514 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 93 Resp: 82916
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.7 100.1
 174 92.4 73.6 110.4

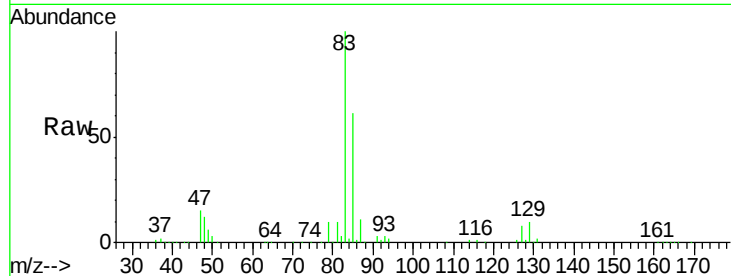




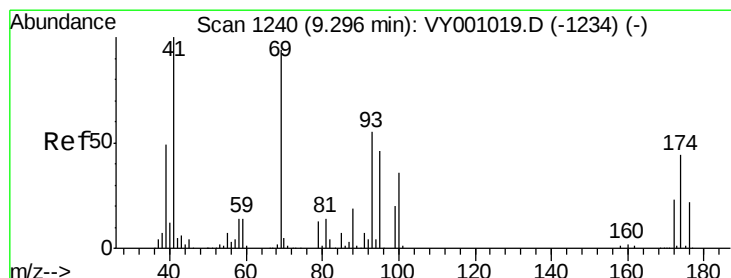
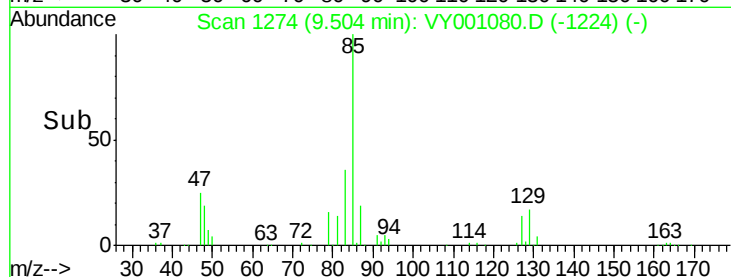
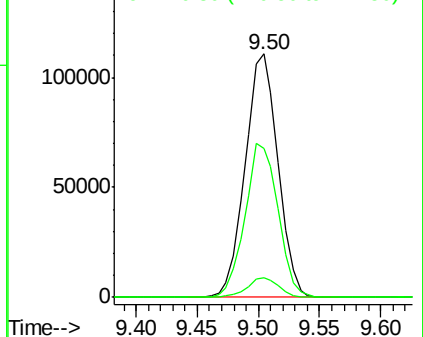
#47
Bromodichloromethane
Concen: 47.902 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tgt Ion: 83 Resp: 206682
Ion Ratio Lower Upper
83 100
85 60.9 50.9 76.3
127 8.2 6.4 9.6

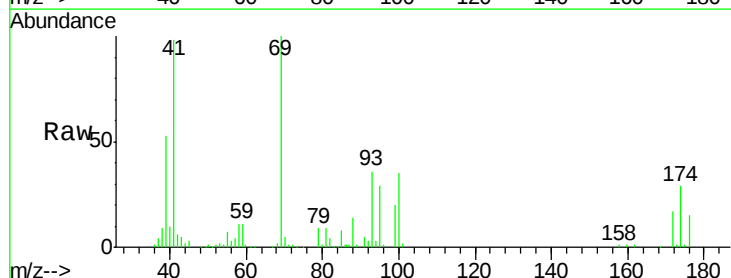


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

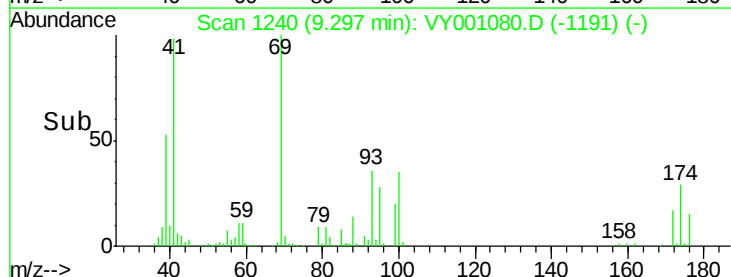
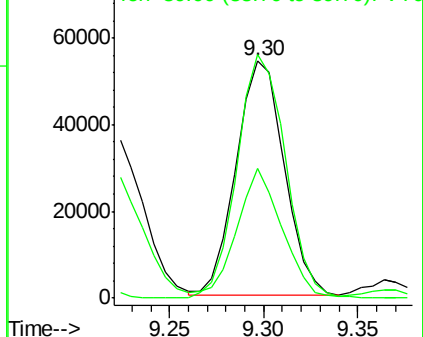


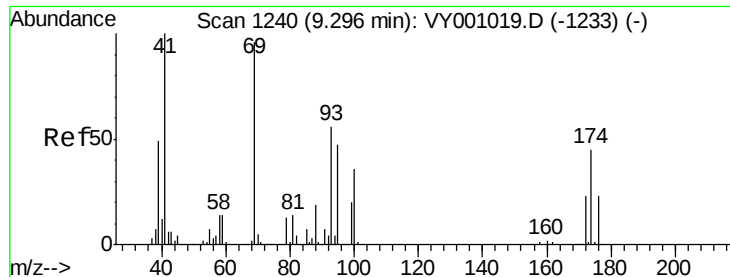
#48
Methyl methacrylate
Concen: 45.953 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 41 Resp: 95968
Ion Ratio Lower Upper
41 100
69 104.6 79.8 119.6
39 52.2 41.7 62.5



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

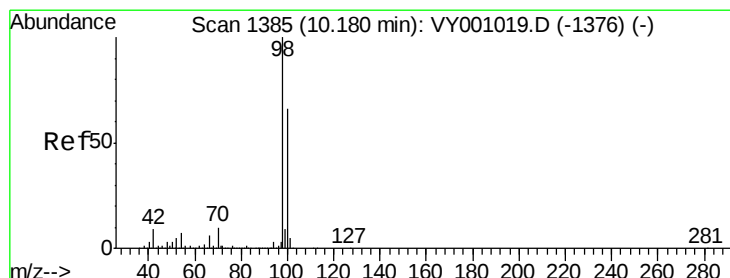
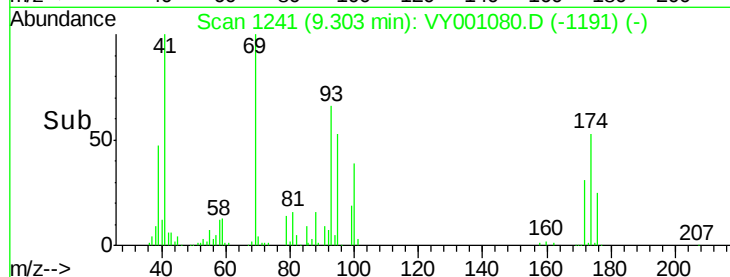
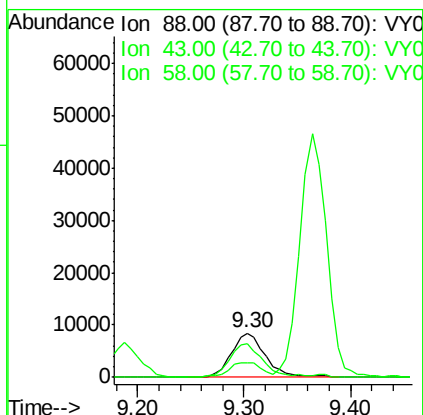
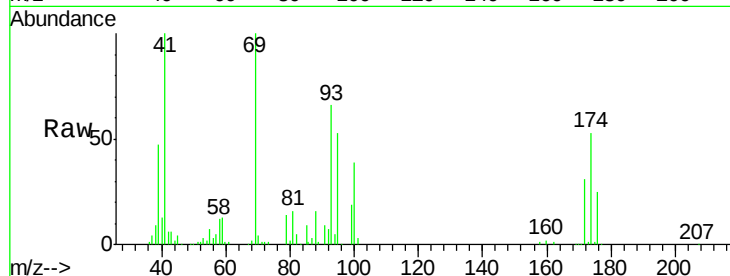




#49
1,4-Dioxane
Concen: 695.017 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

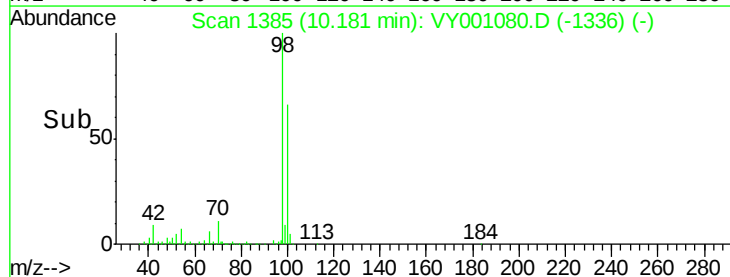
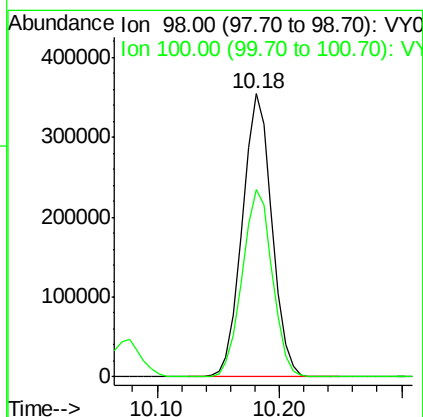
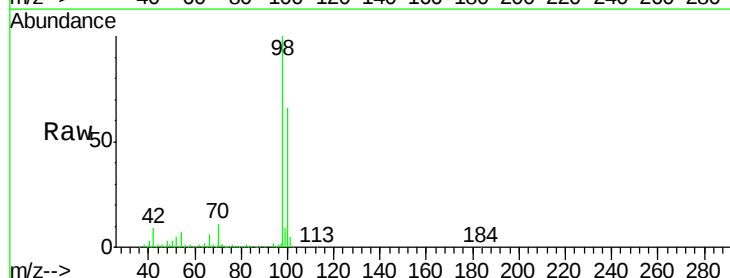
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

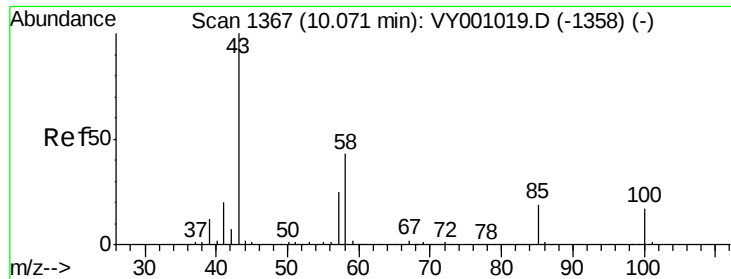
Tgt Ion: 88 Resp: 18938
Ion Ratio Lower Upper
88 100
43 33.4 23.0 34.4
58 75.1 54.9 82.3



#50
Toluene-d8
Concen: 51.522 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 98 Resp: 593379
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 176.005 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

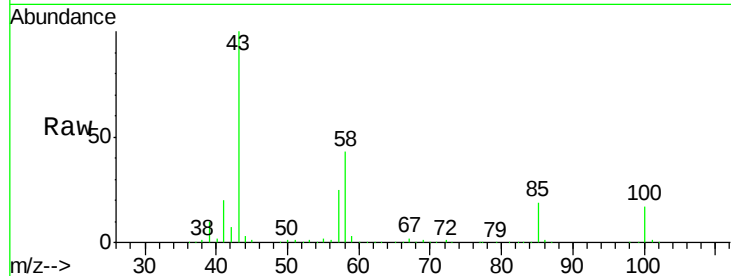
DUNR-BF001-01MSD

Tgt Ion: 43 Resp: 448946

Ion Ratio Lower Upper

43 100

58 43.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-1358) (-)

10.07

250000

200000

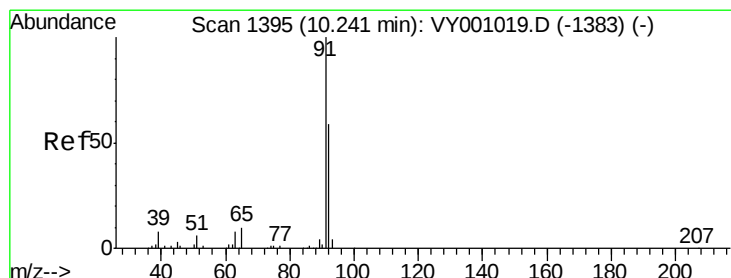
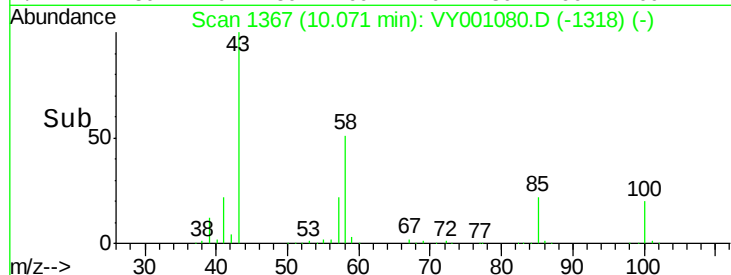
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.784 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001080.D

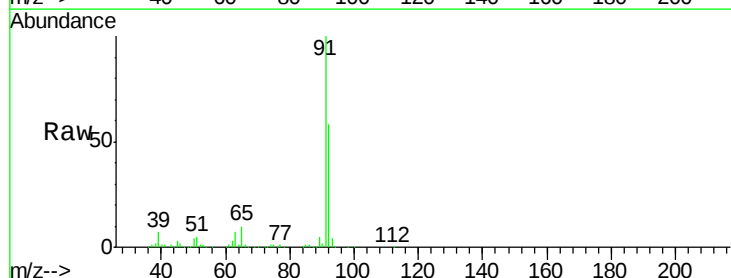
Acq: 26 Dec 2019 18:10

Tgt Ion: 92 Resp: 423632

Ion Ratio Lower Upper

92 100

91 171.7 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY001019.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001019.D (-1383) (-)

10.25

500000

400000

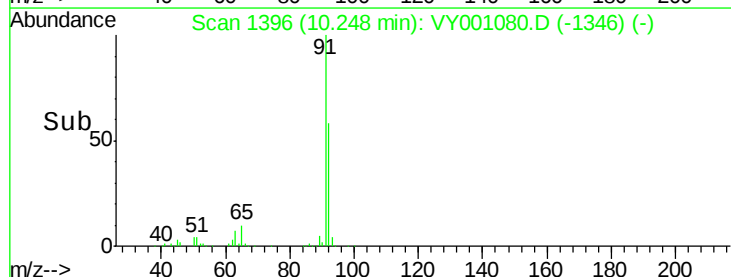
300000

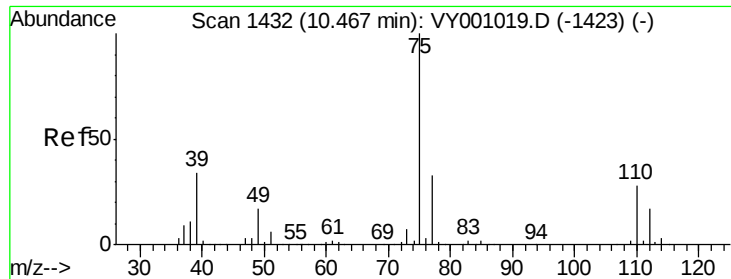
200000

100000

0

Time-->

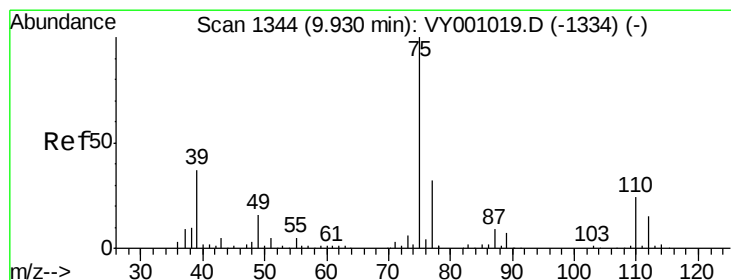
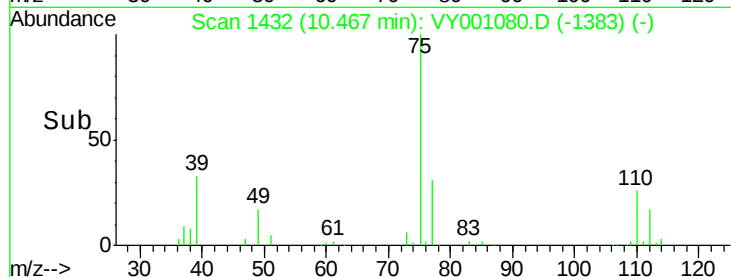
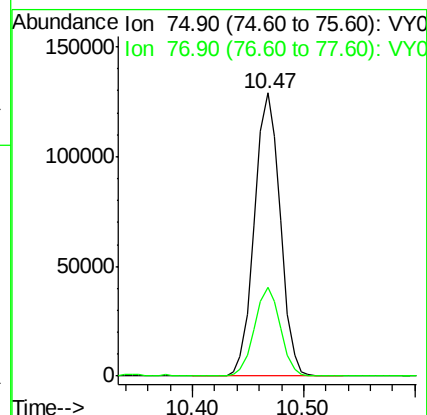
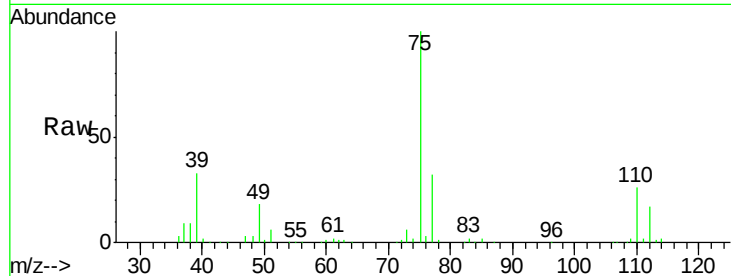




#53
 t-1,3-Dichloropropene
 Concen: 44.514 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

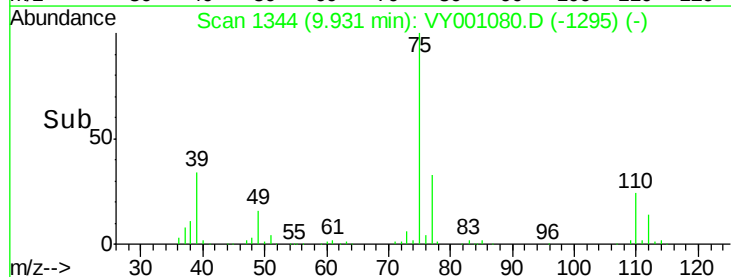
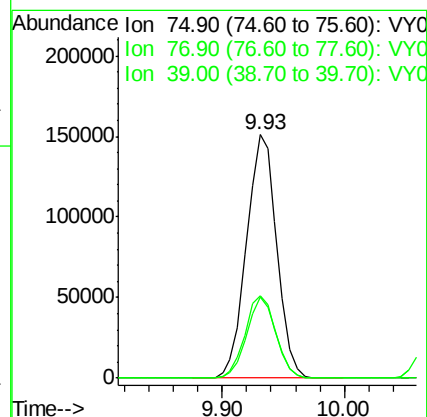
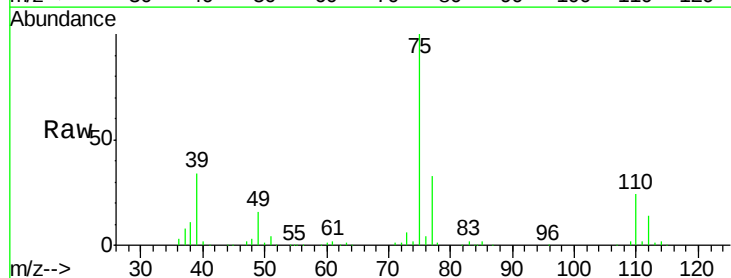
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

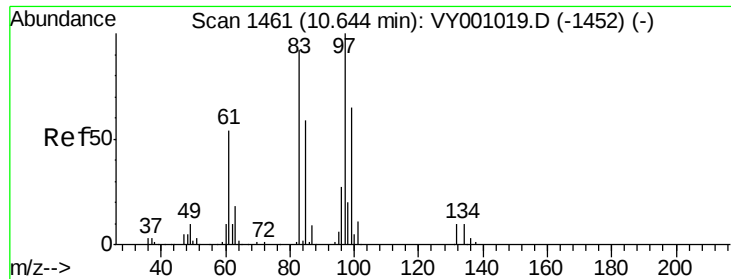
Tgt Ion: 75 Resp: 208446
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 46.069 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 75 Resp: 259399
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.2 37.8
 39 33.9 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 43.974 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tgt Ion: 97 Resp: 122283

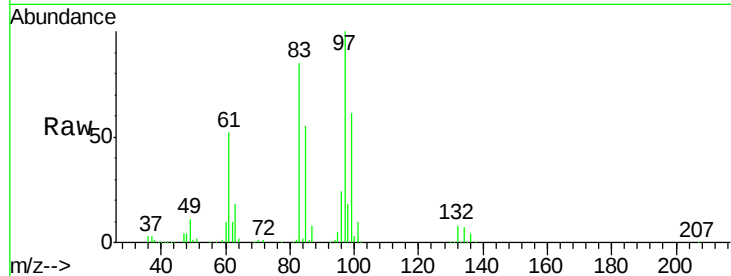
Ion Ratio Lower Upper

97 100

83 84.6 73.7 110.5

85 54.7 47.3 70.9

99 60.7 51.9 77.9

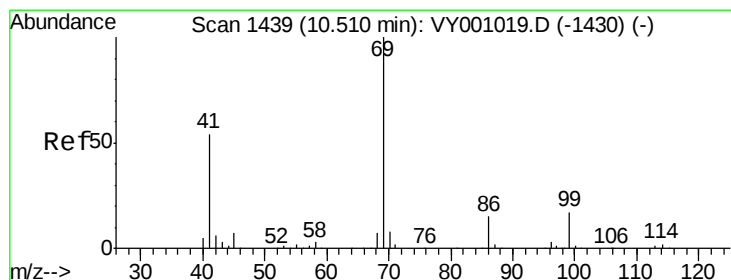
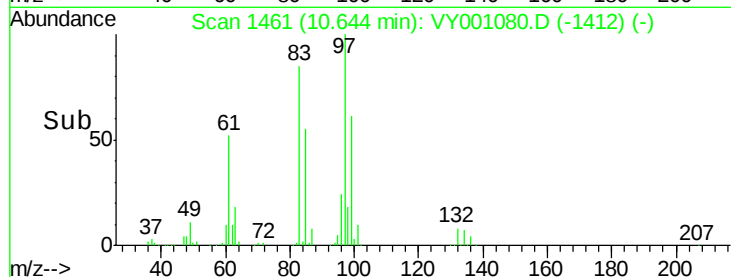
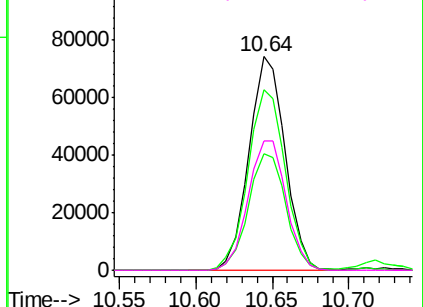


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 27.236 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

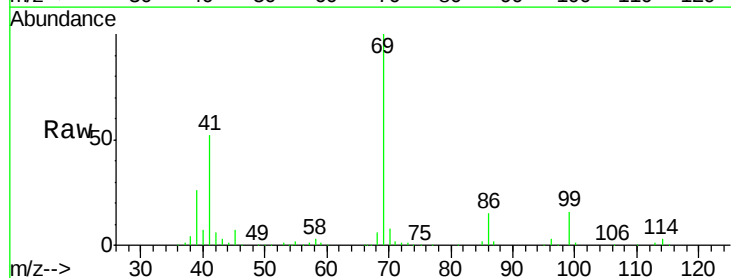
Tgt Ion: 69 Resp: 107794

Ion Ratio Lower Upper

69 100

41 55.8 44.7 67.1

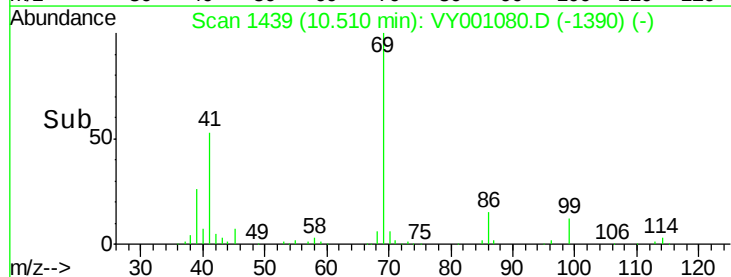
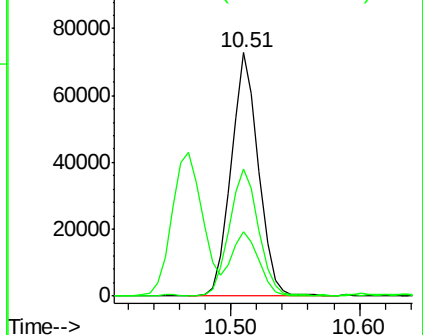
39 26.4 22.2 33.4

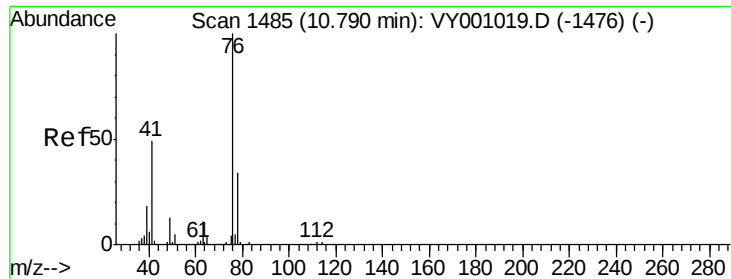


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

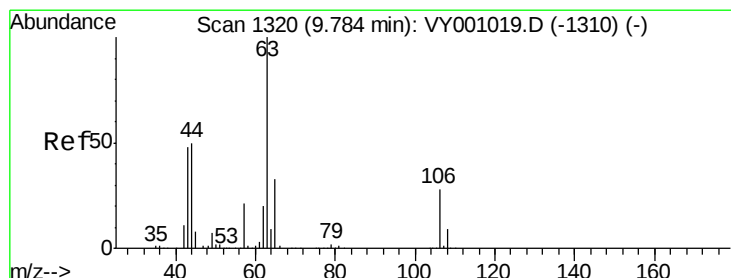
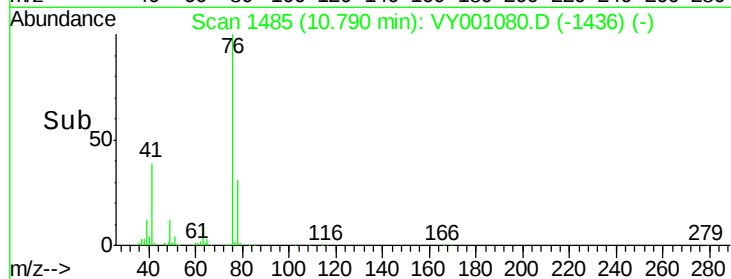
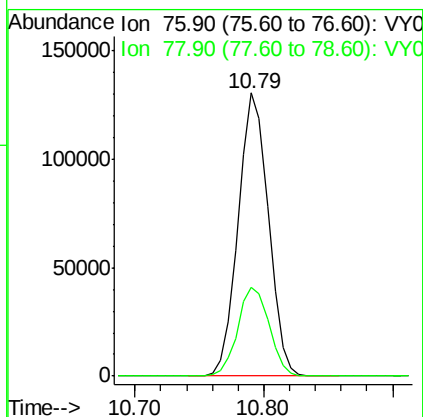
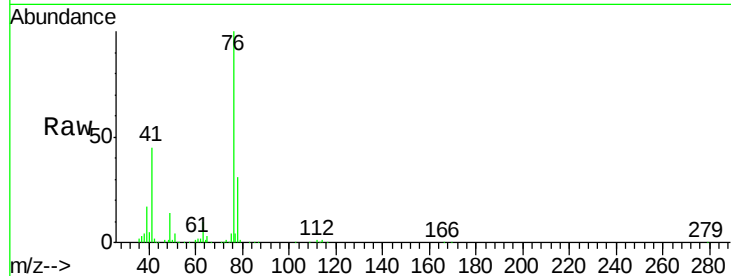




#57
 1,3-Dichloropropane
 Concen: 43.479 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

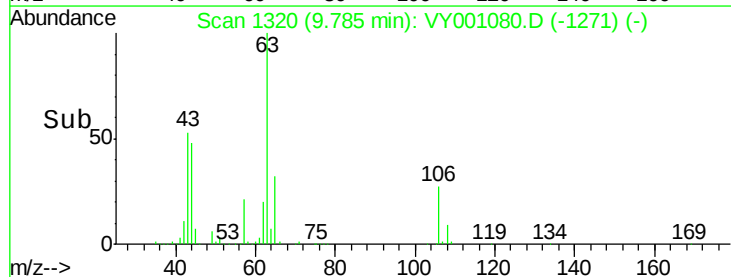
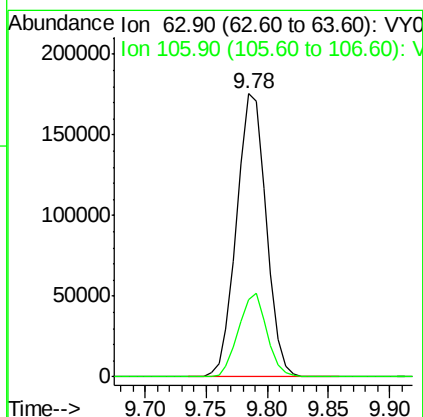
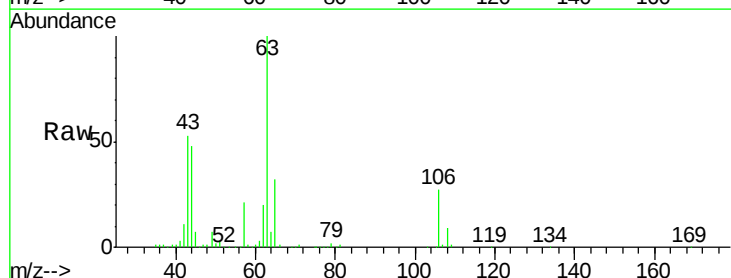
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

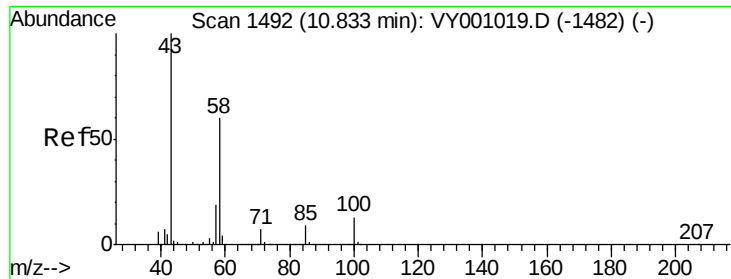
Tgt Ion: 76 Resp: 211925
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 192.579 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 63 Resp: 294382
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

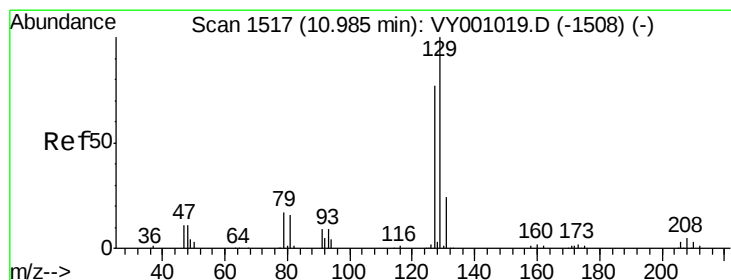
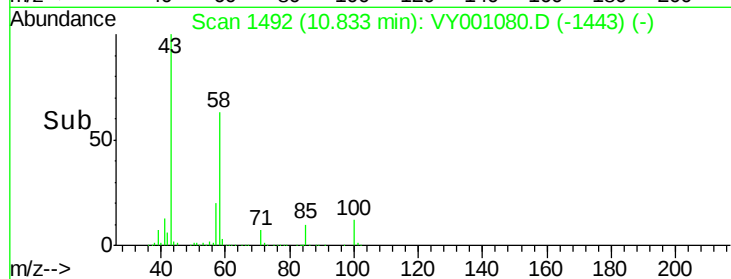
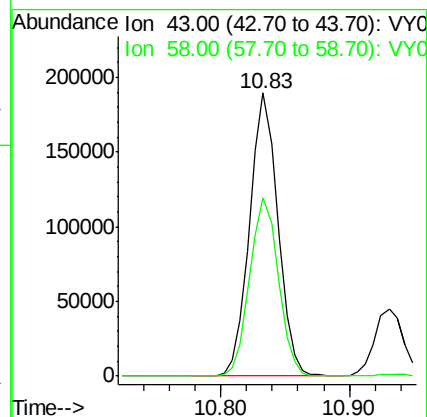
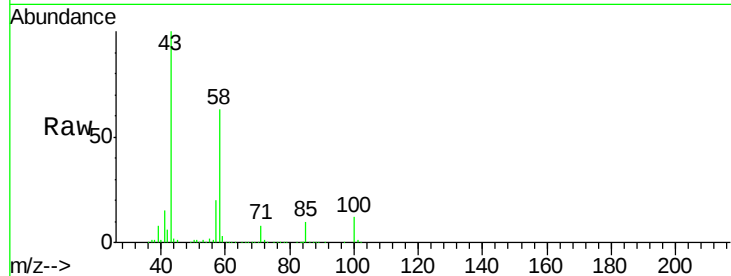




#59
2-Hexanone
Concen: 162.218 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

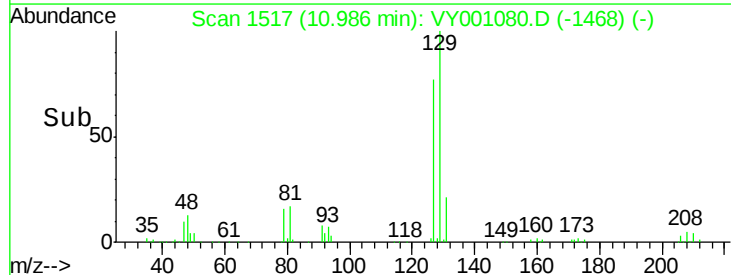
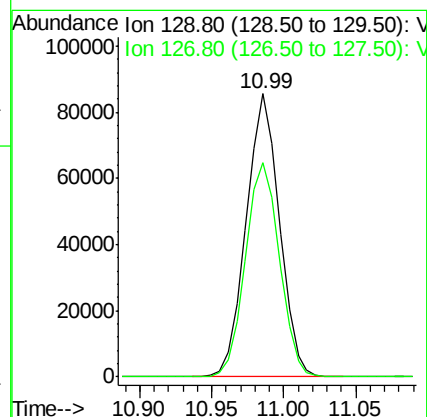
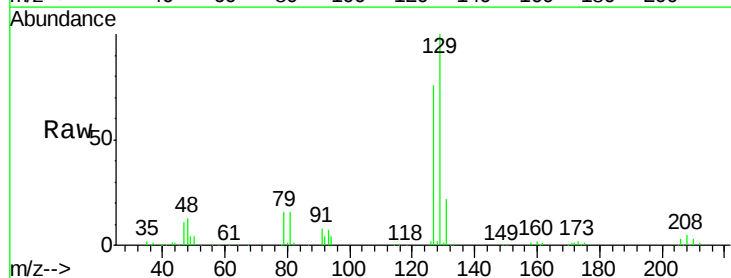
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

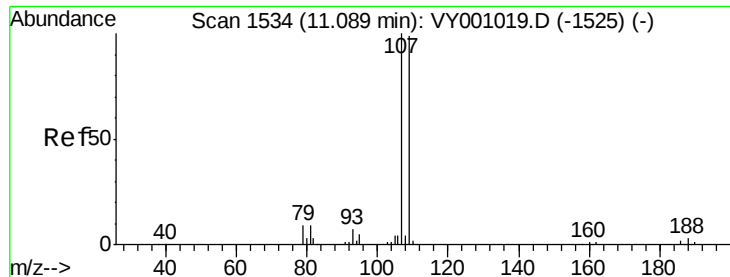
Tgt Ion: 43 Resp: 286311
Ion Ratio Lower Upper
43 100
58 64.2 30.6 91.6



#60
Dibromochloromethane
Concen: 46.030 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 129 Resp: 136728
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

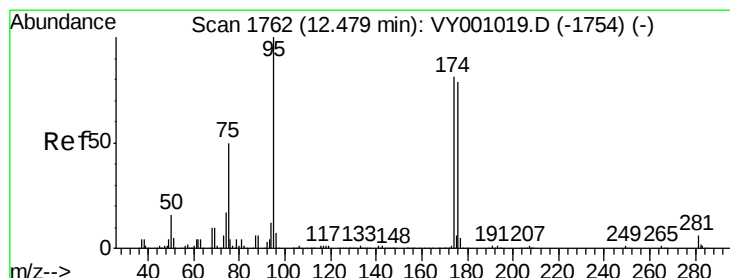
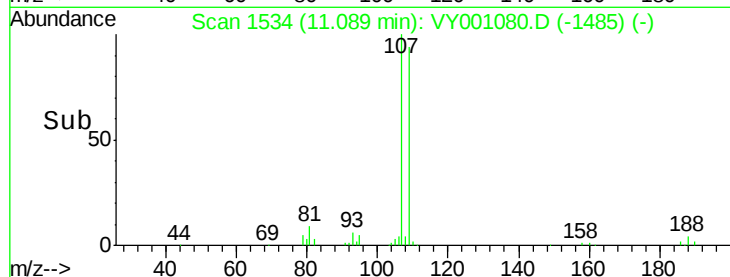
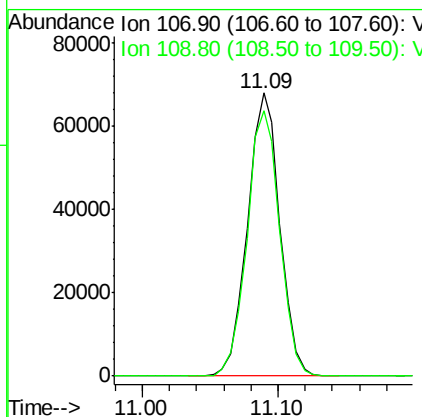
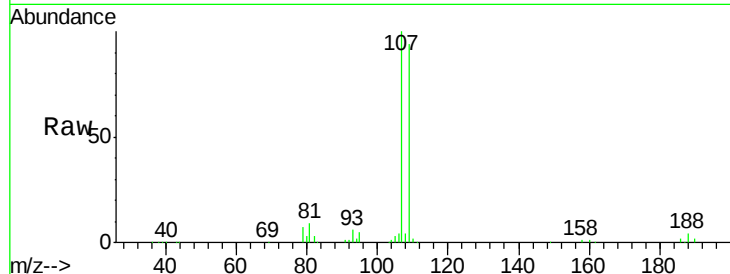




#61
 1,2-Dibromoethane
 Concen: 42.497 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

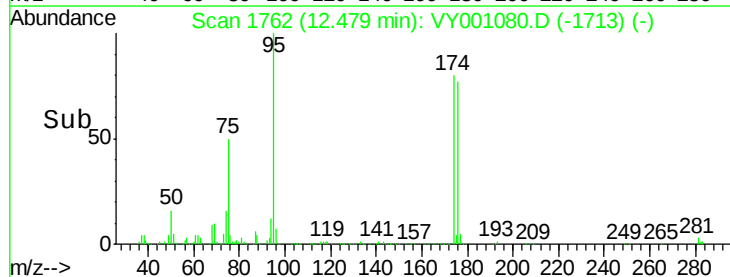
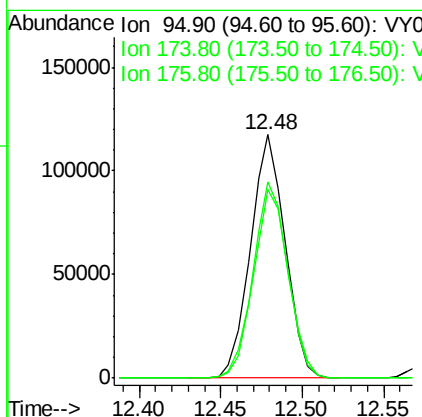
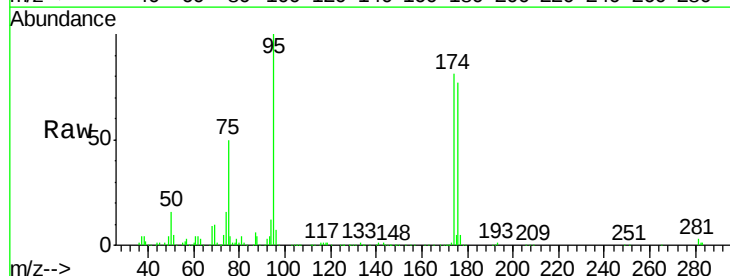
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

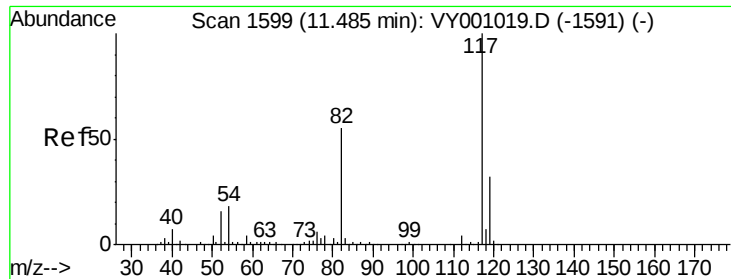
Tgt Ion: 107 Resp: 113006
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 41.277 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 95 Resp: 173809
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 156.4
 176 77.7 0.0 155.0

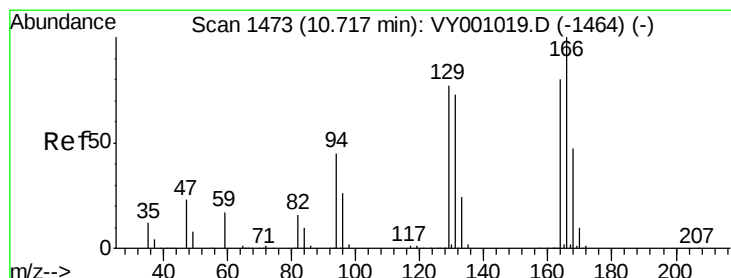
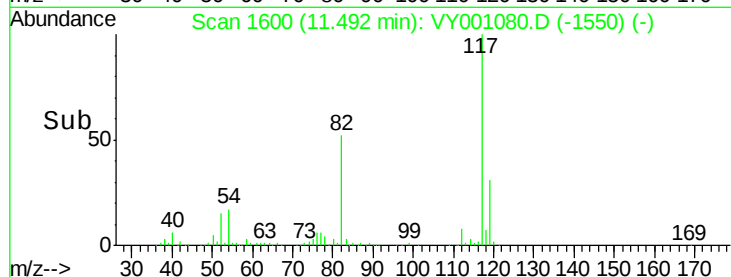
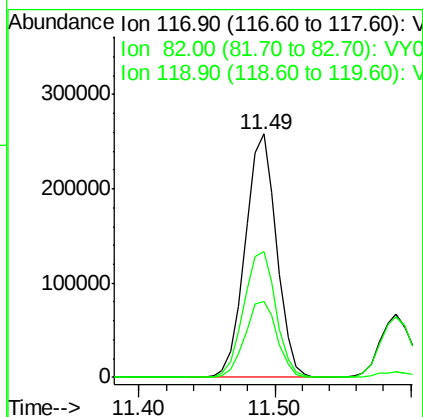
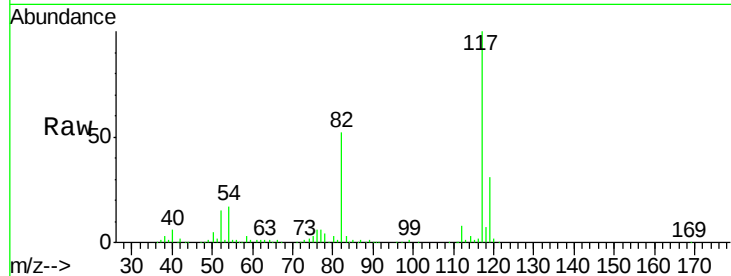




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

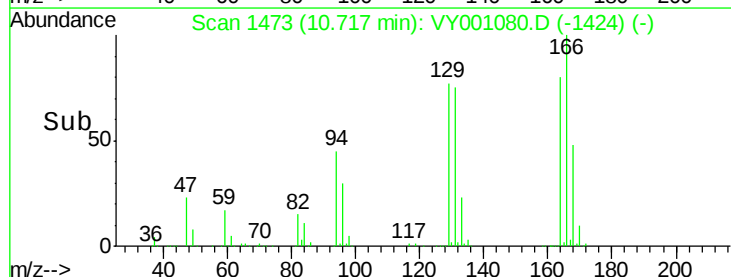
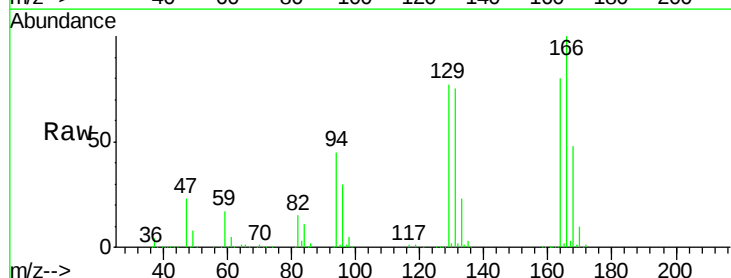
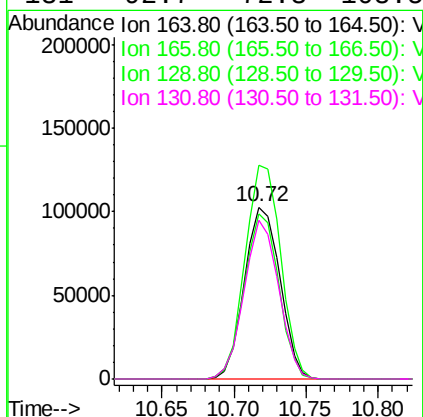
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

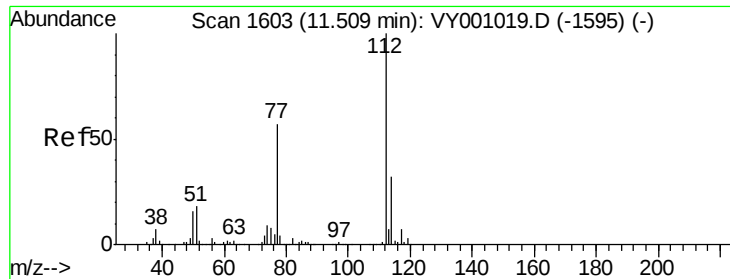
Tgt Ion:117 Resp: 415092
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 48.915 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion:164 Resp: 175680
Ion Ratio Lower Upper
164 100
166 124.3 99.7 149.5
129 96.1 76.9 115.3
131 92.7 72.3 108.5

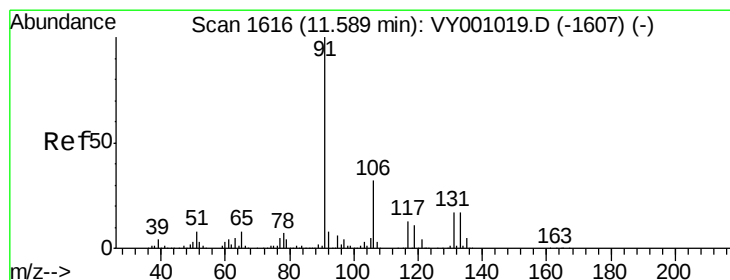
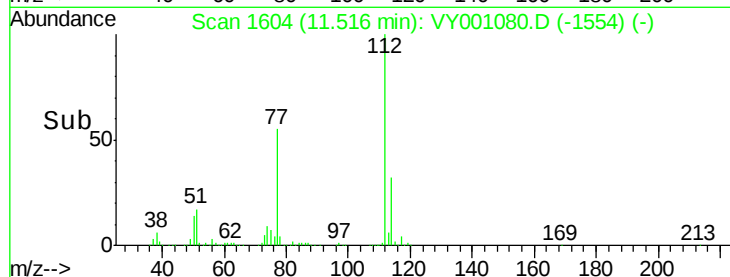
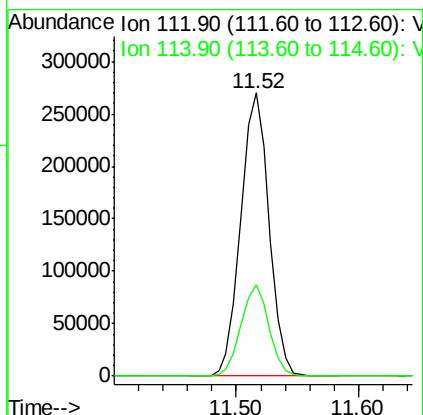
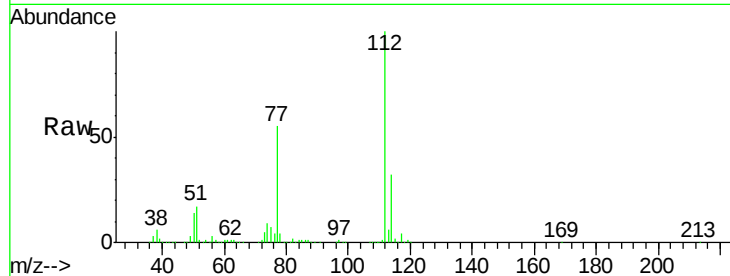




#65
Chlorobenzene
Concen: 50.112 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

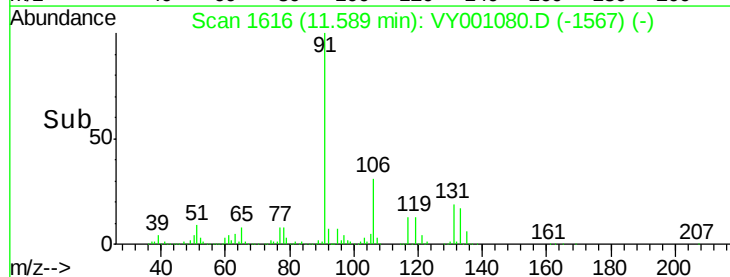
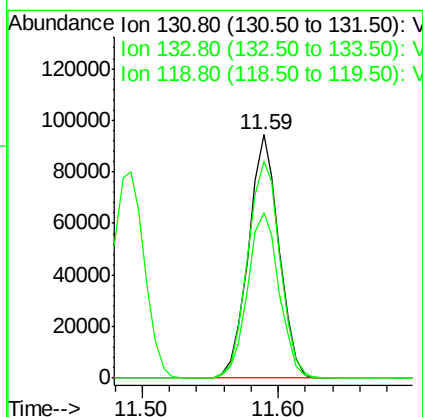
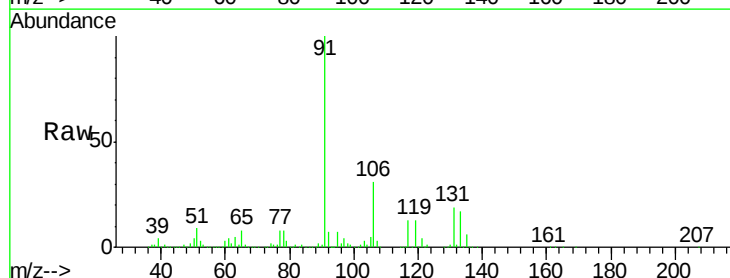
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

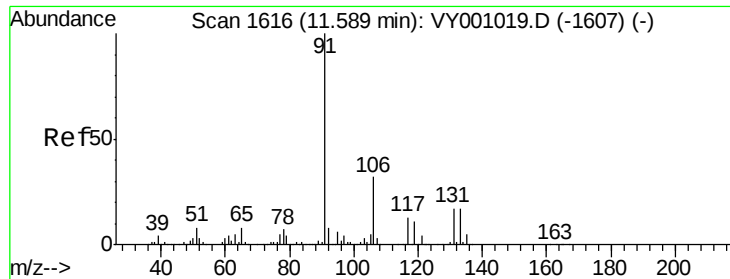
Tgt Ion:112 Resp: 431476
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.139 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion:131 Resp: 148149
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 70.1 34.0 101.8

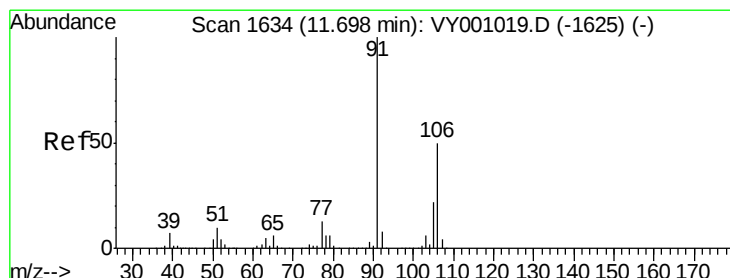
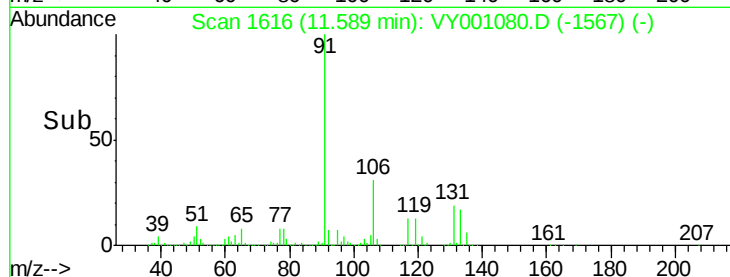
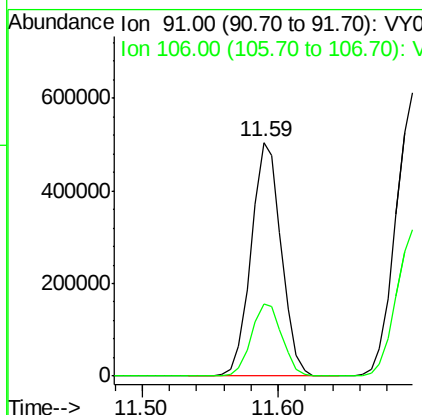
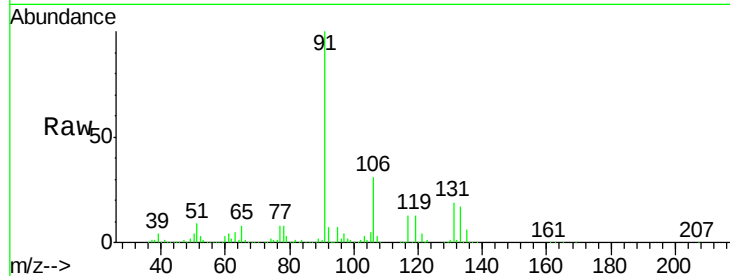




#67
Ethyl Benzene
Concen: 50.475 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

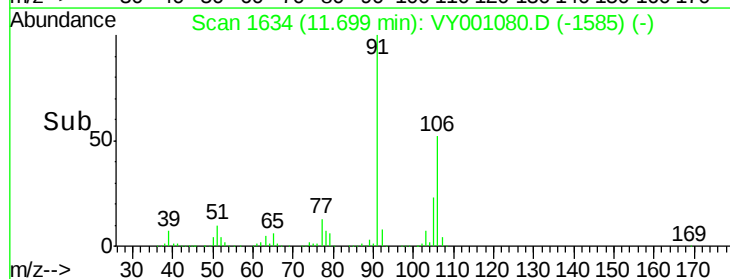
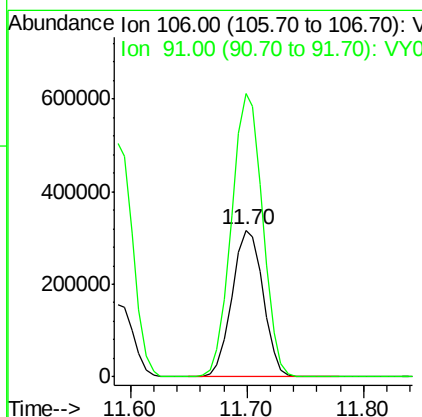
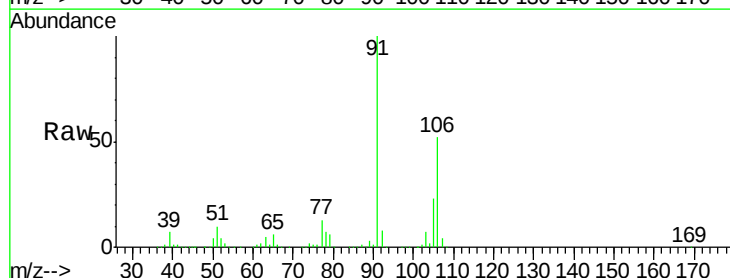
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

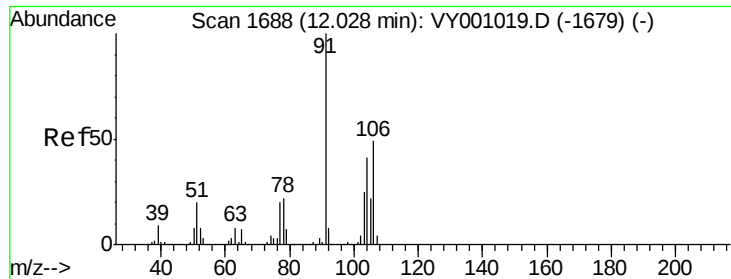
Tgt Ion: 91 Resp: 781710
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 99.819 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 106 Resp: 586973
Ion Ratio Lower Upper
106 100
91 193.6 156.4 234.6

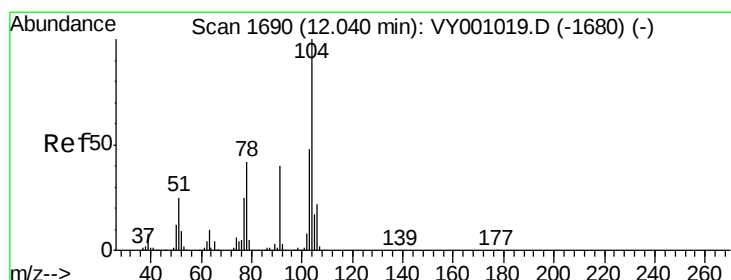
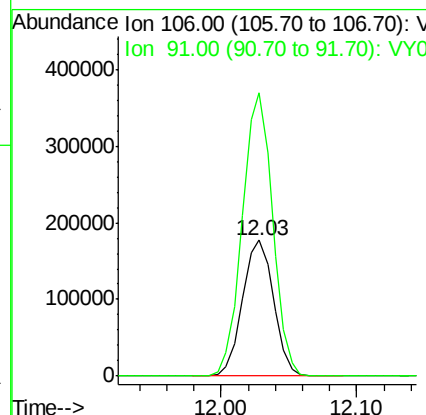
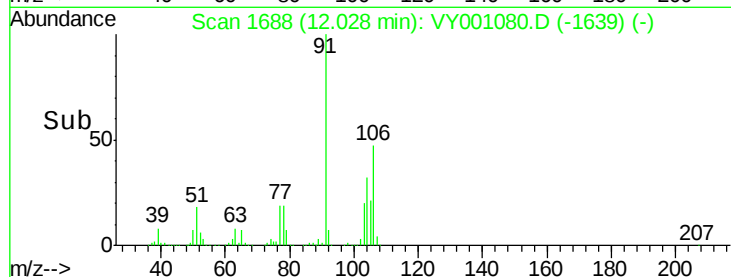
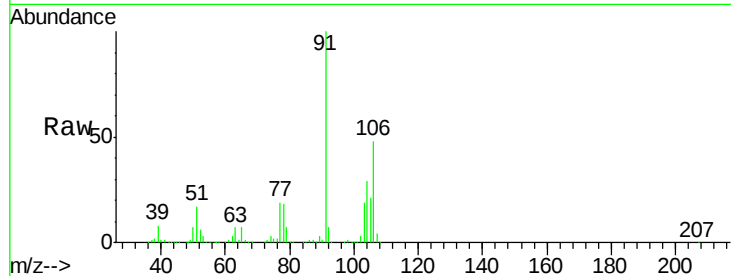




#69
o-Xylene
Concen: 50.975 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

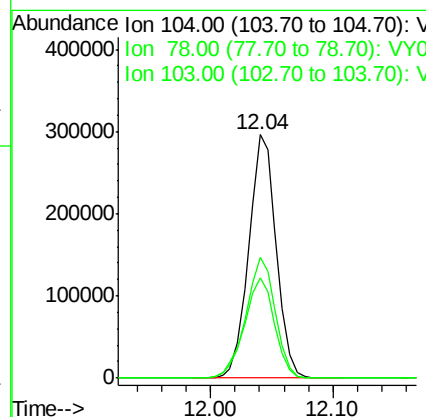
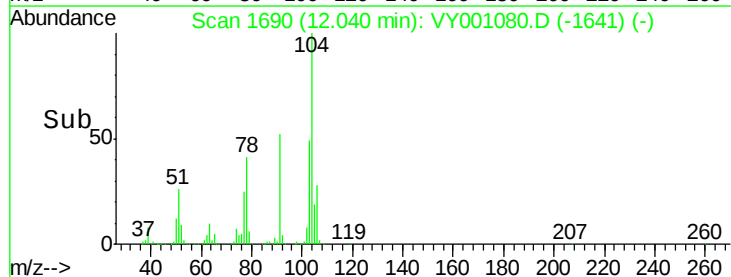
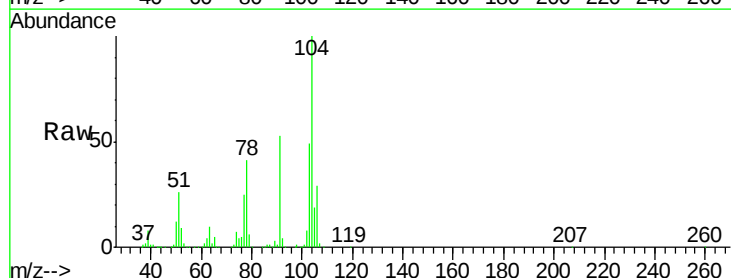
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

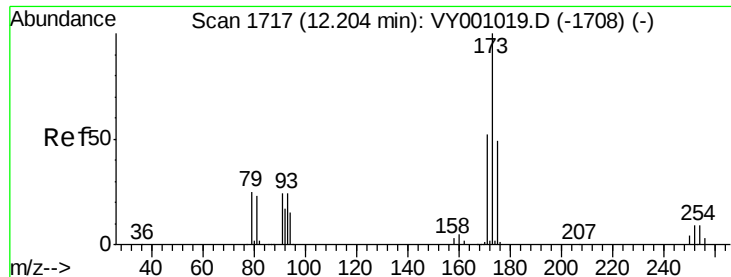
Tgt Ion:106 Resp: 281996
Ion Ratio Lower Upper
106 100
91 203.6 103.0 309.0



#70
Styrene
Concen: 48.903 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion:104 Resp: 460009
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 52.9 42.6 64.0





#71

Bromoform

Concen: 44.749 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

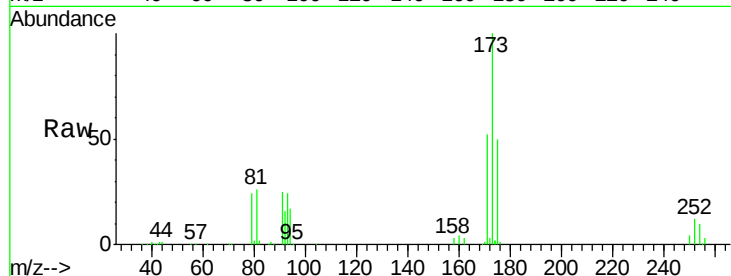
Tgt Ion:173 Resp: 70800

Ion Ratio Lower Upper

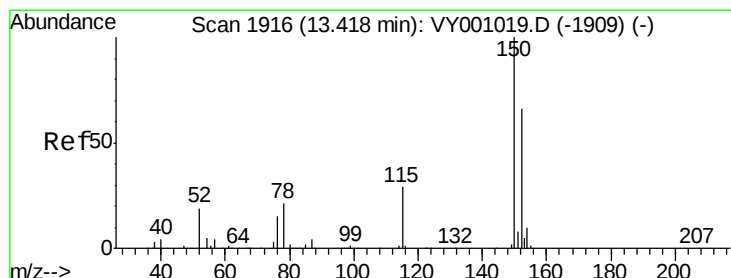
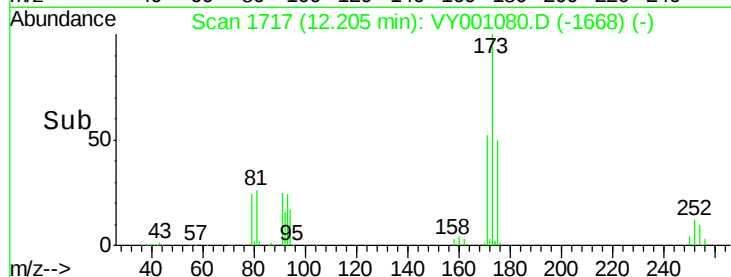
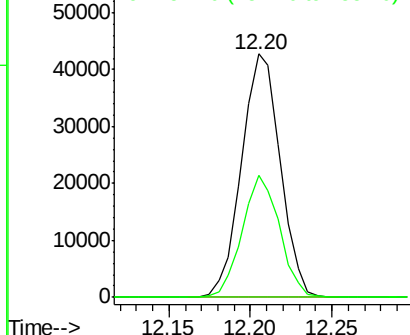
173 100

175 48.3 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

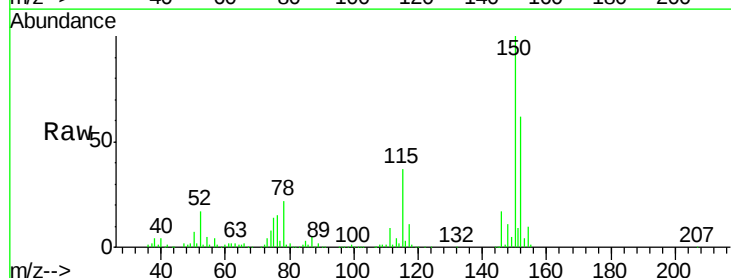
Tgt Ion:152 Resp: 167761

Ion Ratio Lower Upper

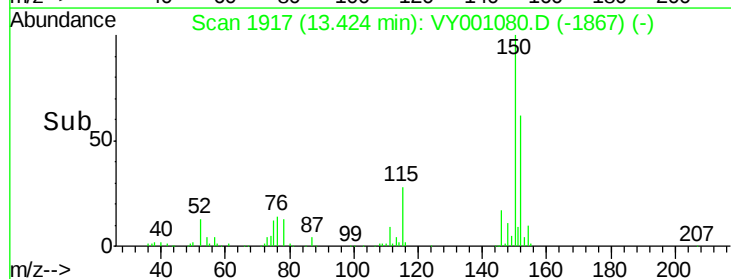
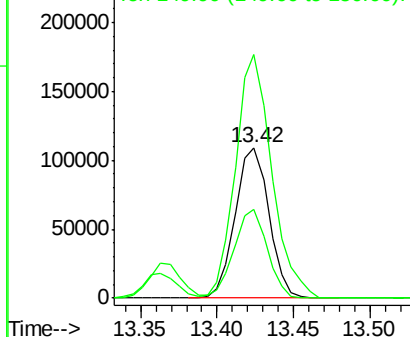
152 100

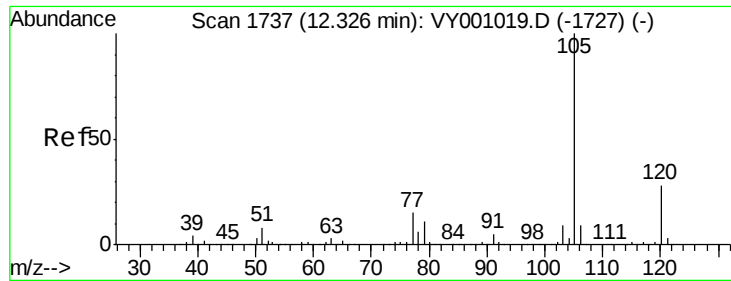
115 57.9 29.8 89.3

150 173.5 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: 55.171 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

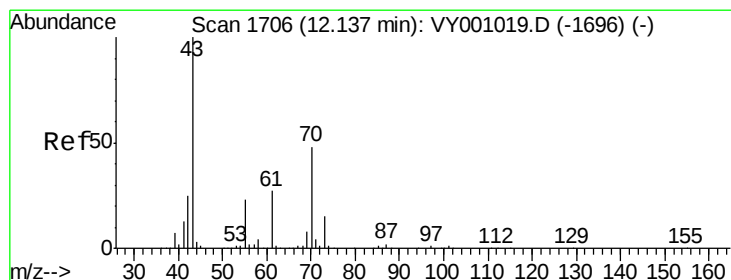
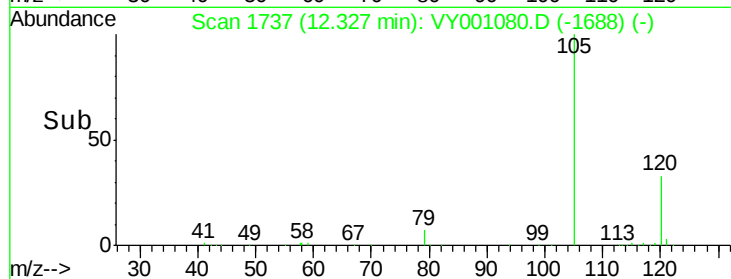
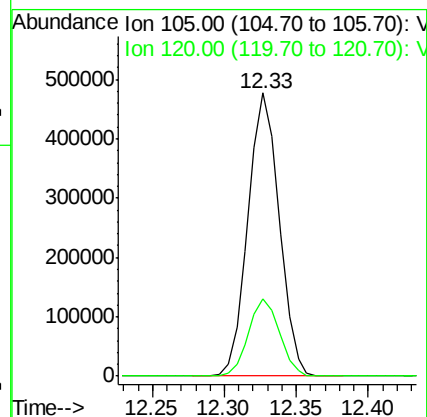
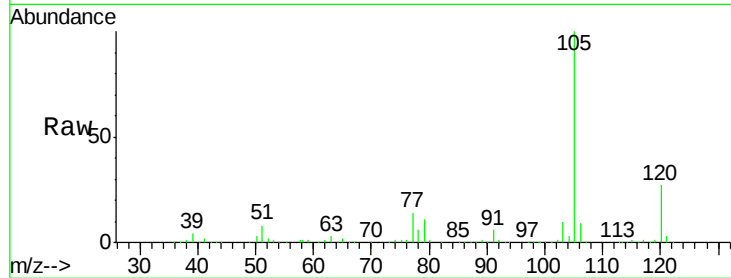
DUNR-BF001-01MSD

Tgt Ion: 105 Resp: 716242

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 11.171 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Tgt Ion: 43 Resp: 38099

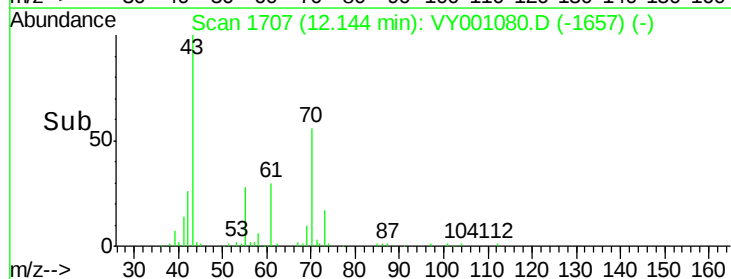
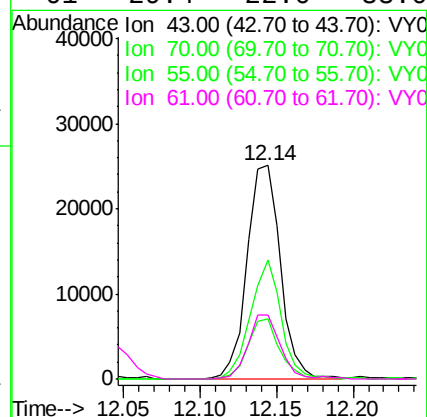
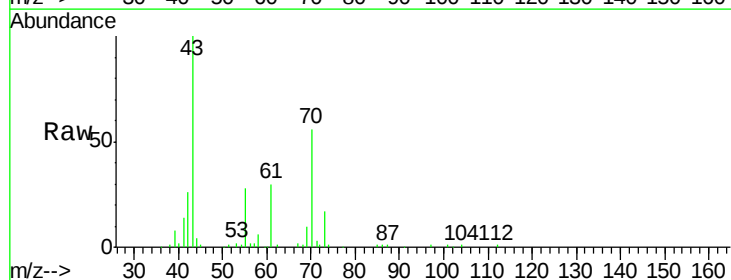
Ion Ratio Lower Upper

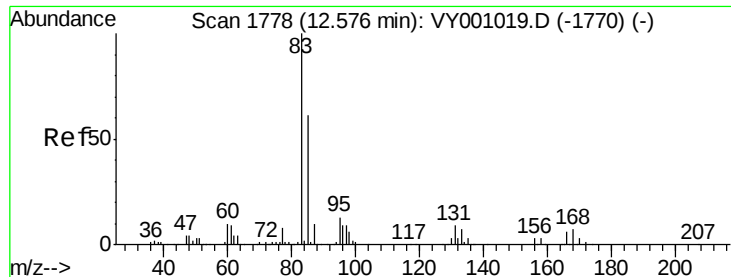
43 100

70 51.6 39.0 58.6

55 27.6 19.5 29.3

61 29.4 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.521 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

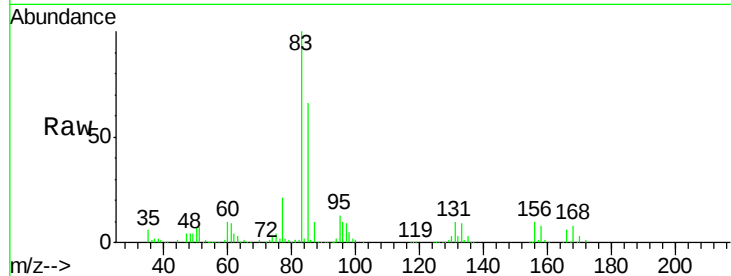
Tgt Ion: 83 Resp: 124092

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

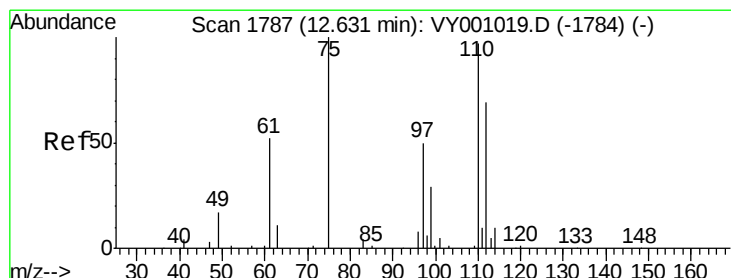
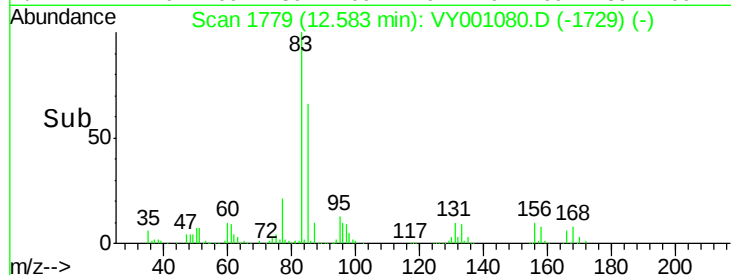
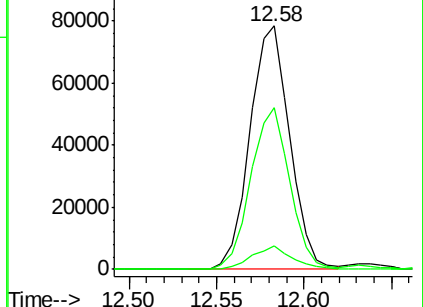
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 78.867 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001080.D

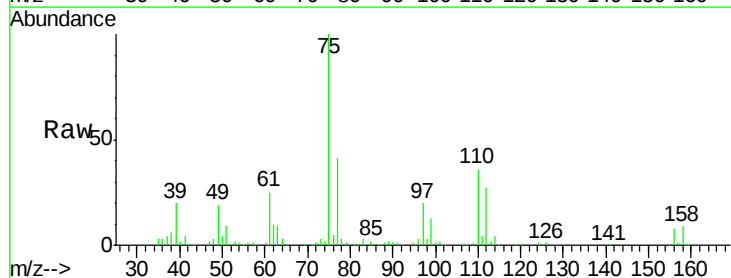
Acq: 26 Dec 2019 18:10

Tgt Ion: 75 Resp: 163108

Ion Ratio Lower Upper

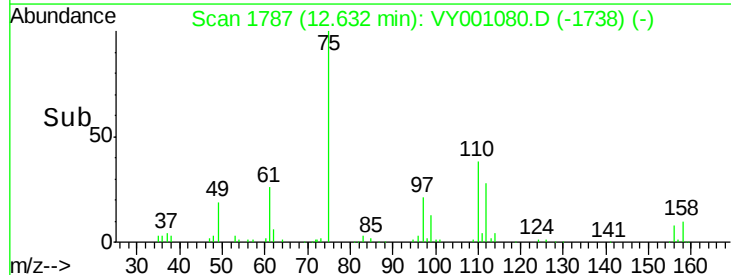
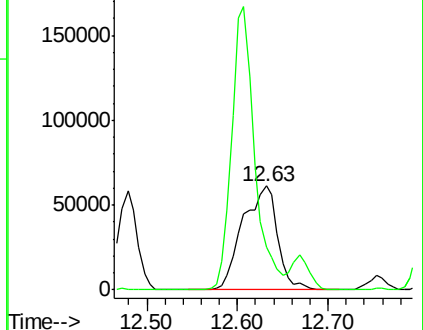
75 100

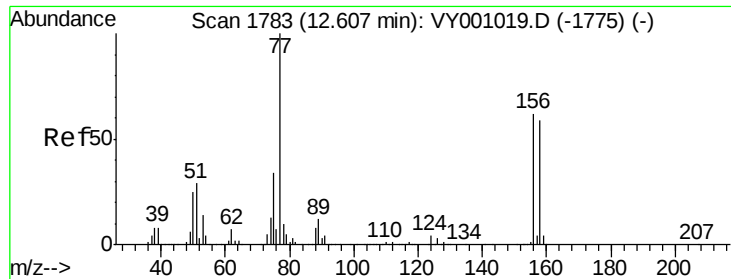
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)

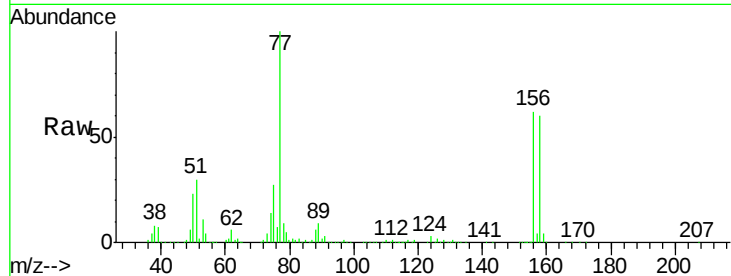




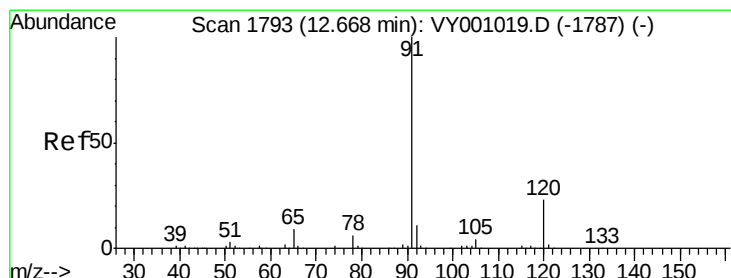
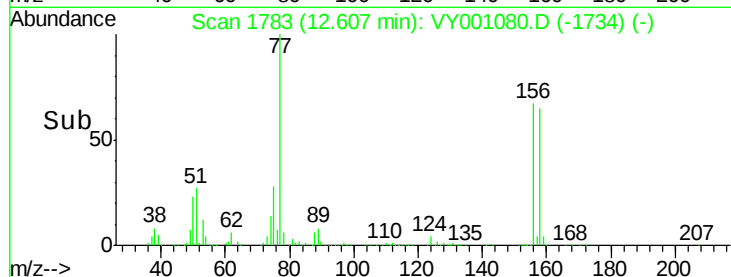
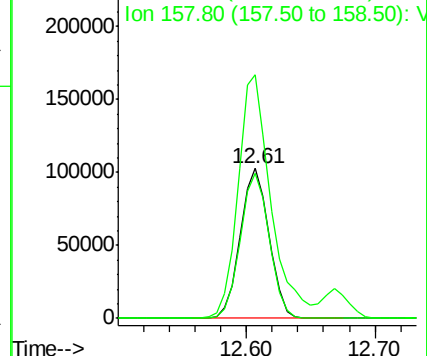
#77
Bromobenzene
Concen: 54.430 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tgt Ion: 156 Resp: 158920
Ion Ratio Lower Upper
156 100
77 185.0 98.0 294.1
158 96.7 48.5 145.6

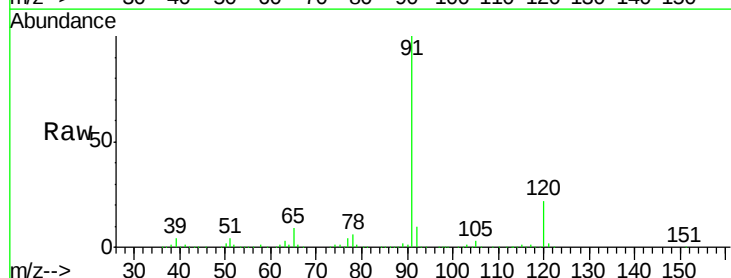


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

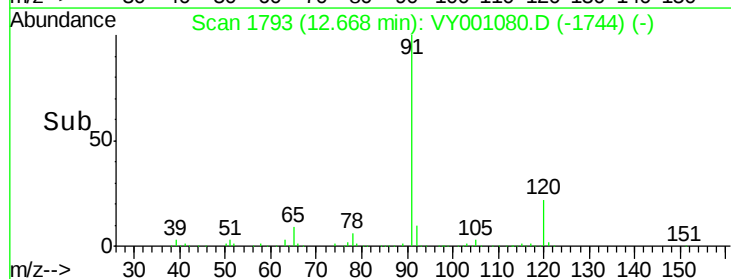
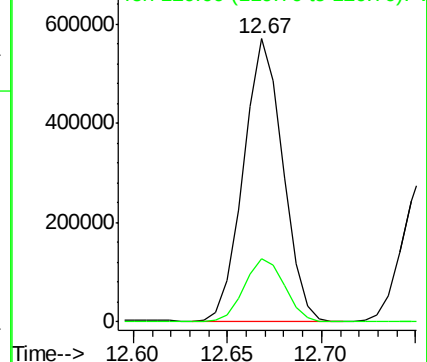


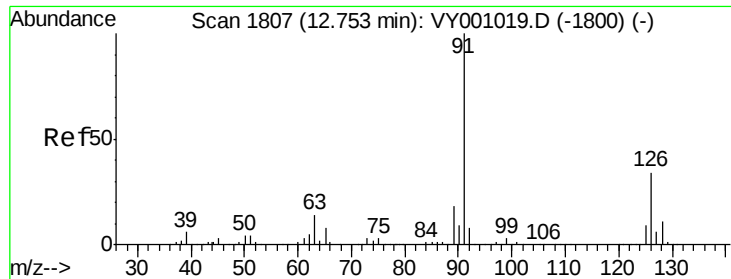
#78
n-propylbenzene
Concen: 52.283 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 91 Resp: 827057
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: 52.649 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

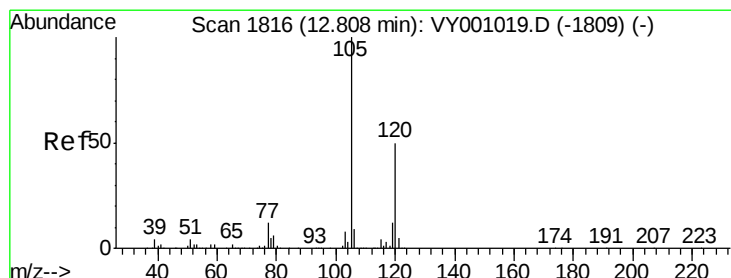
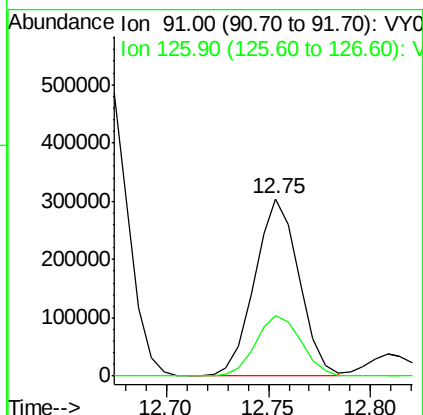
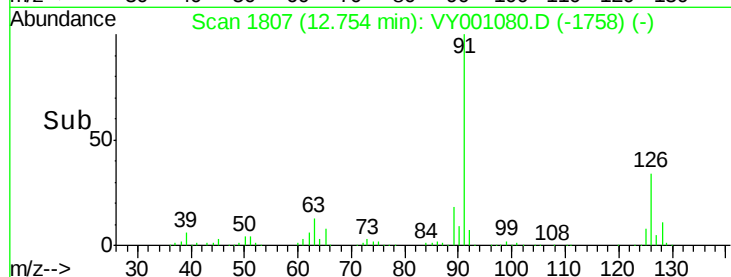
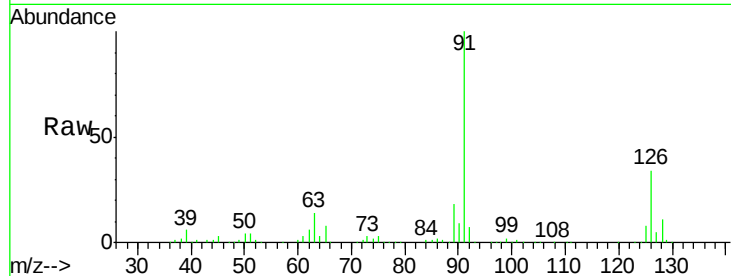
DUNR-BF001-01MSD

Tgt Ion: 91 Resp: 459932

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 53.265 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001080.D

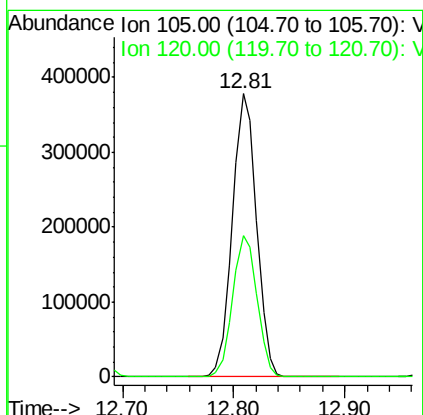
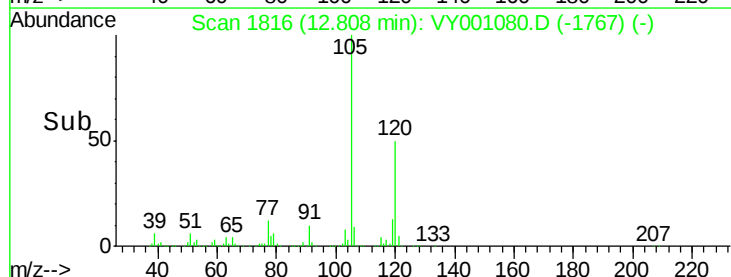
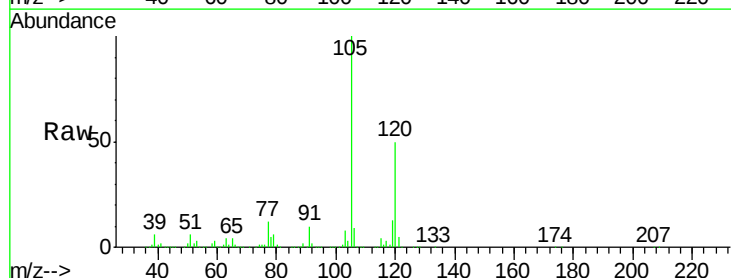
Acq: 26 Dec 2019 18:10

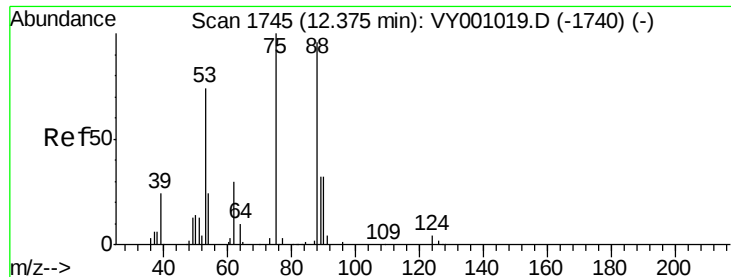
Tgt Ion: 105 Resp: 566814

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 43.982 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

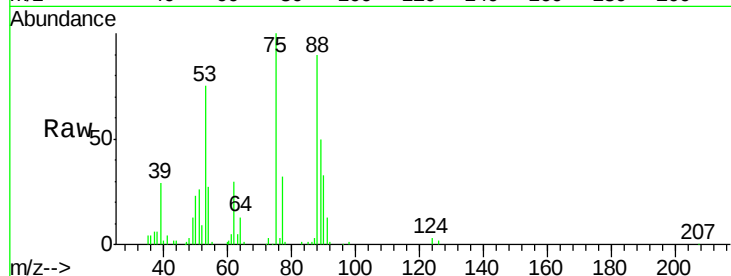
Tgt Ion: 75 Resp: 42649

Ion Ratio Lower Upper

75 100

53 78.8 60.6 91.0

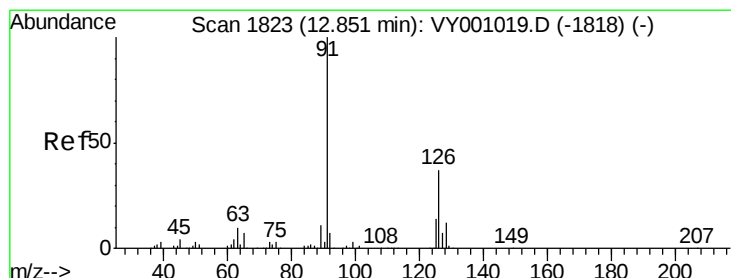
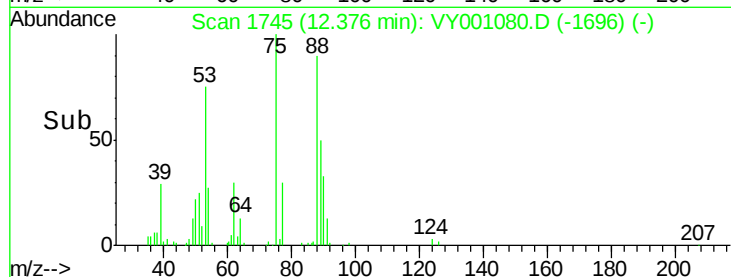
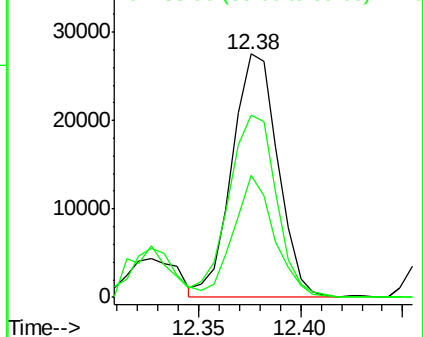
89 44.7 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.602 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001080.D

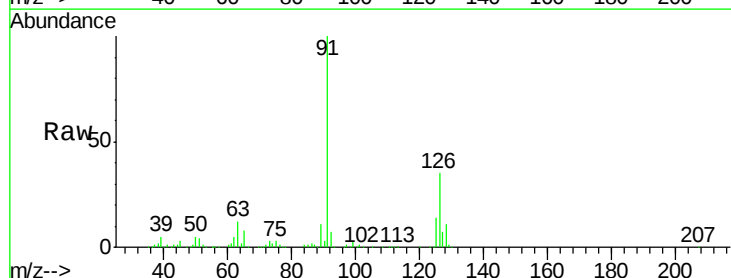
Acq: 26 Dec 2019 18:10

Tgt Ion: 91 Resp: 459141

Ion Ratio Lower Upper

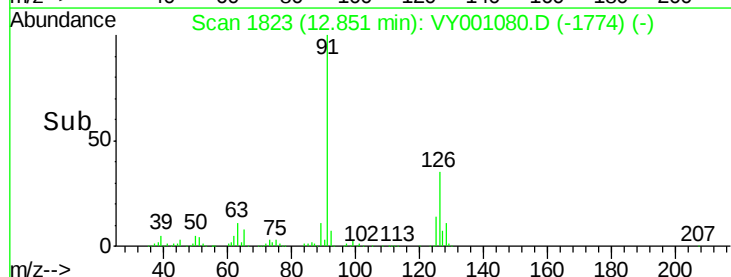
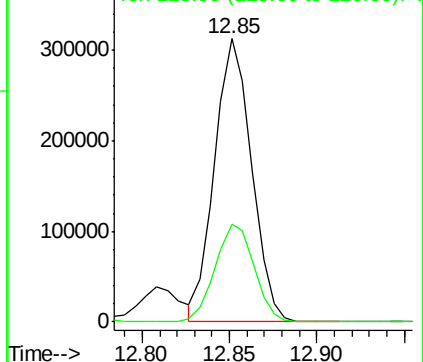
91 100

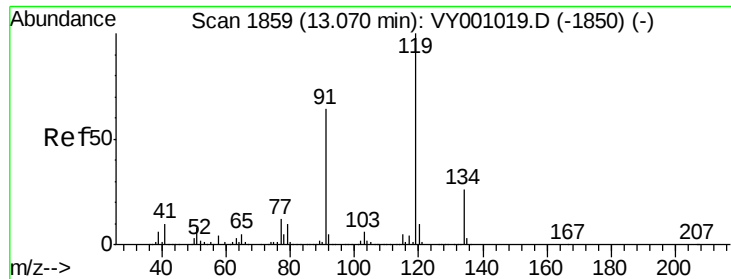
126 36.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

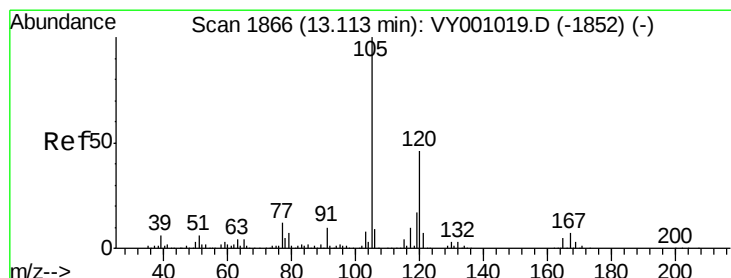
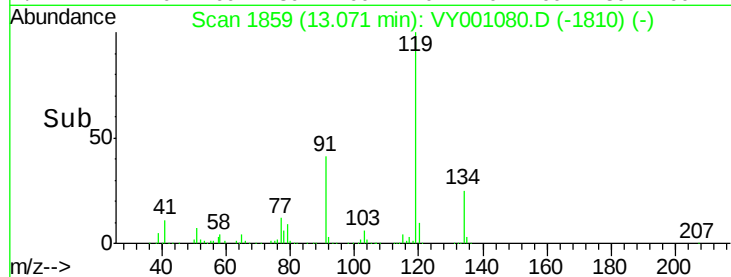
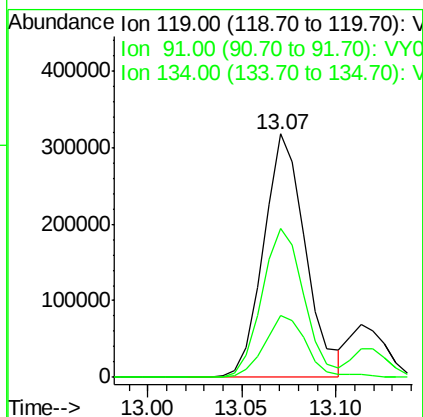
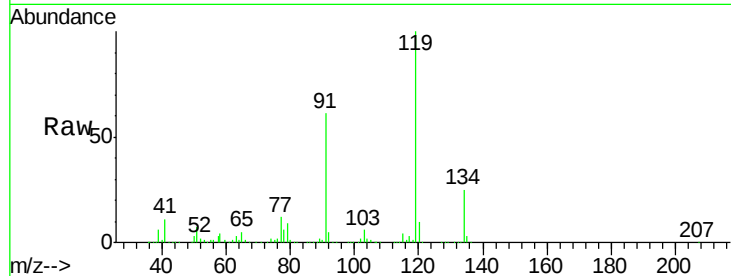




#83
 tert-Butylbenzene
 Concen: 54.841 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

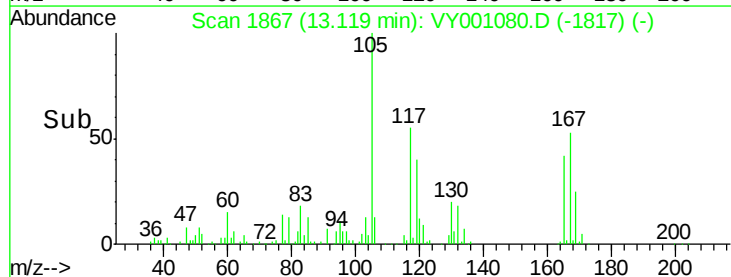
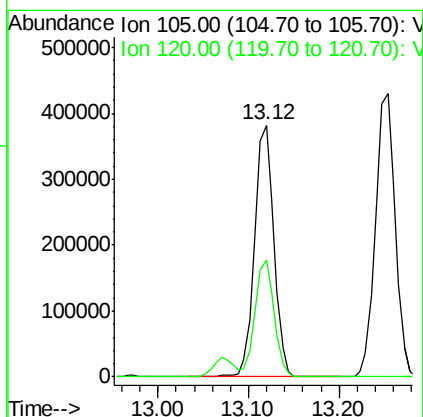
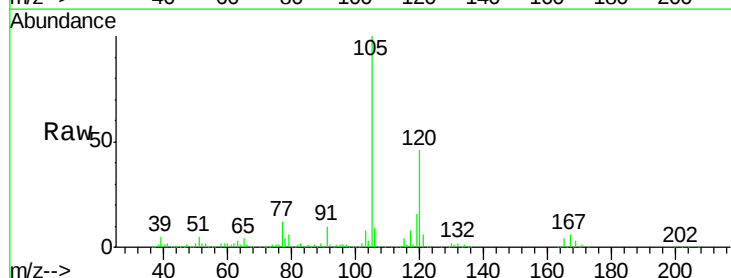
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

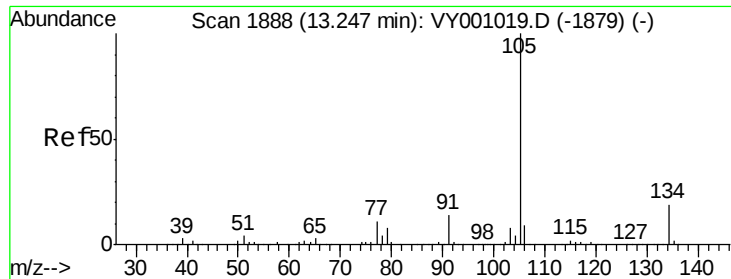
Tgt Ion:119 Resp: 489875
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.9 95.7
 134 25.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.620 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion:105 Resp: 562686
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.2

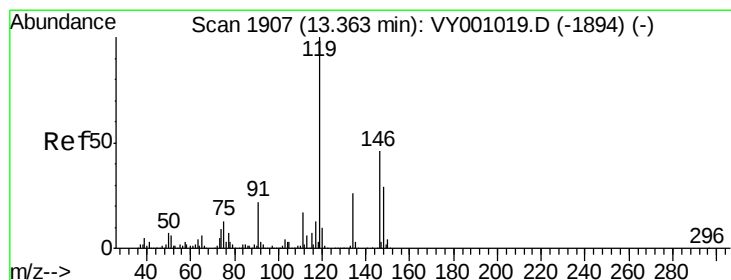
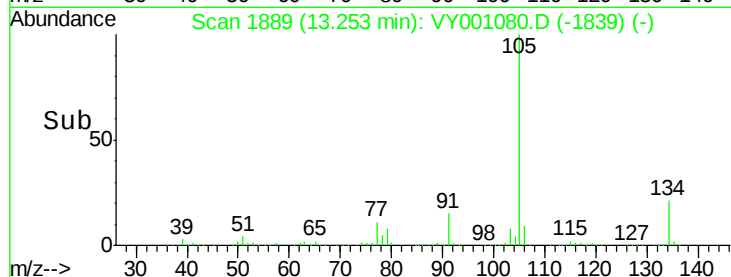
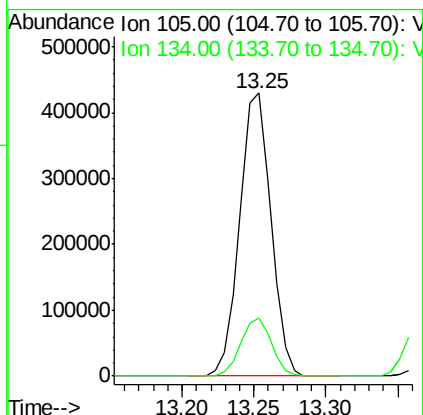
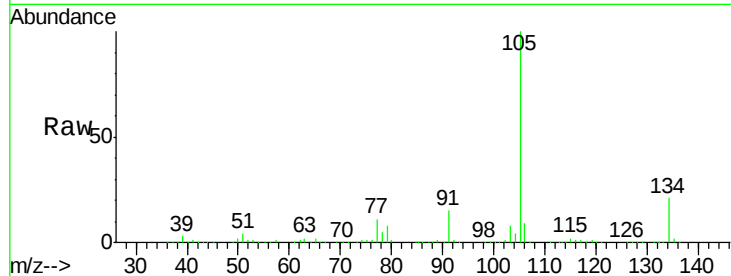




#85
 sec-Butylbenzene
 Concen: 49.131 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

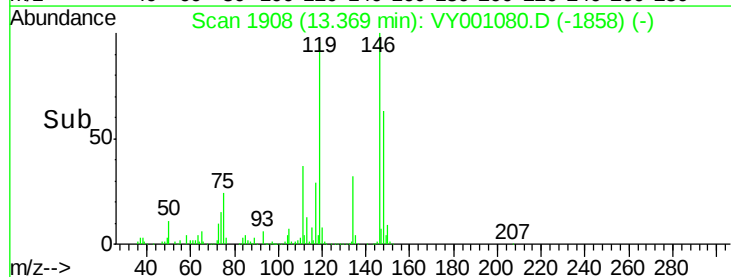
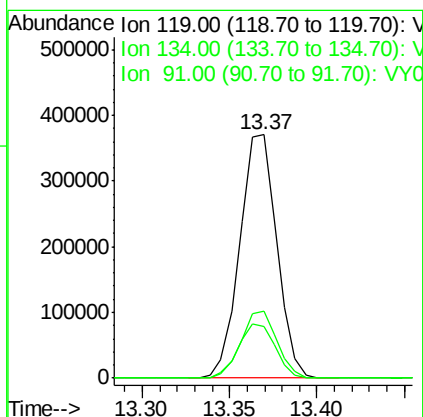
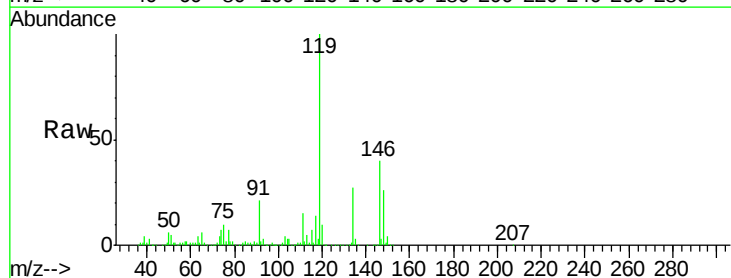
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

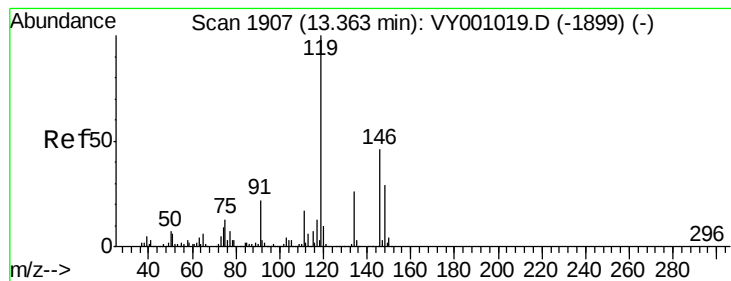
Tgt Ion:105 Resp: 646996
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 48.052 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion:119 Resp: 547547
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.761 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

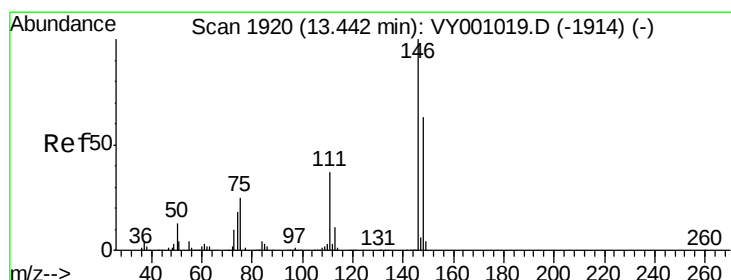
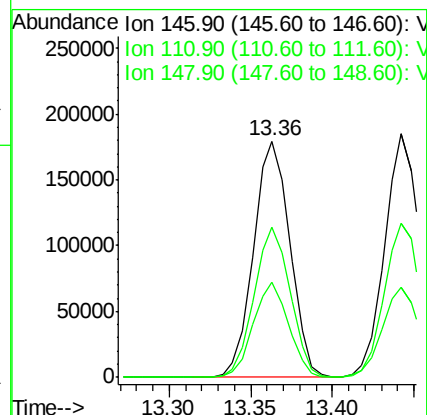
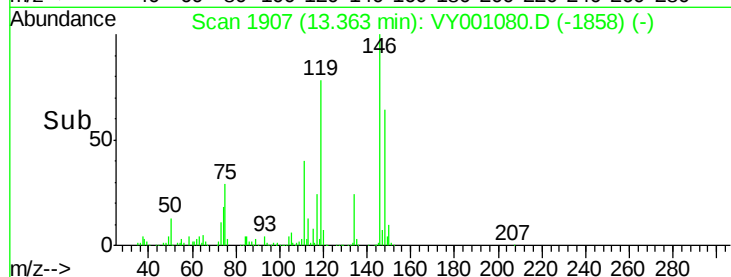
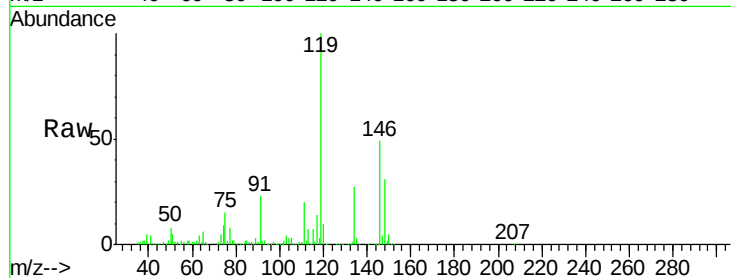
Tgt Ion:146 Resp: 279040

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.880 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

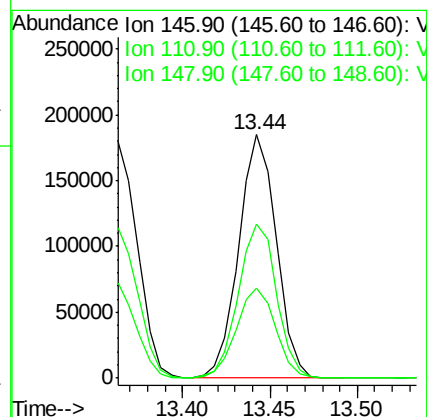
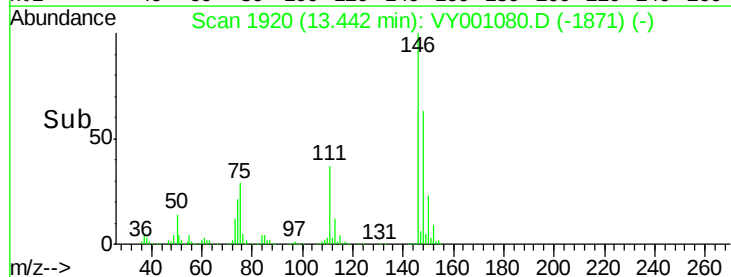
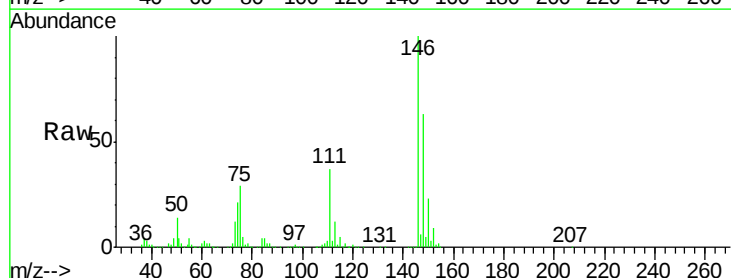
Tgt Ion:146 Resp: 276504

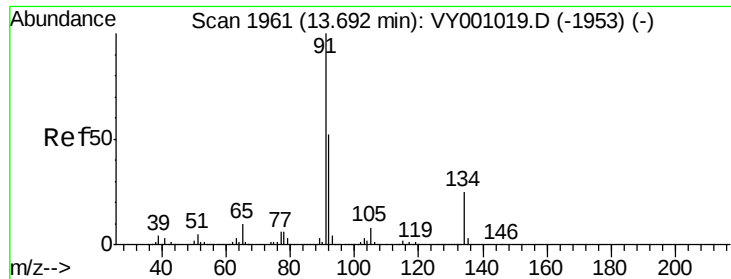
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.5 31.8 95.3

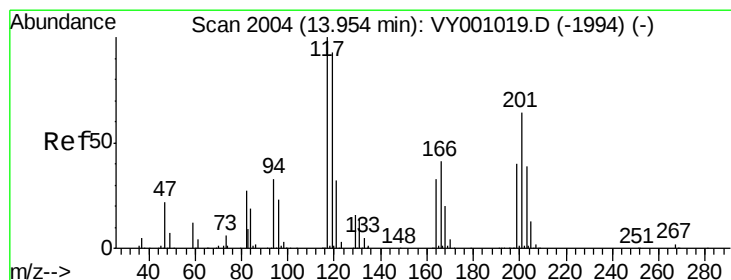
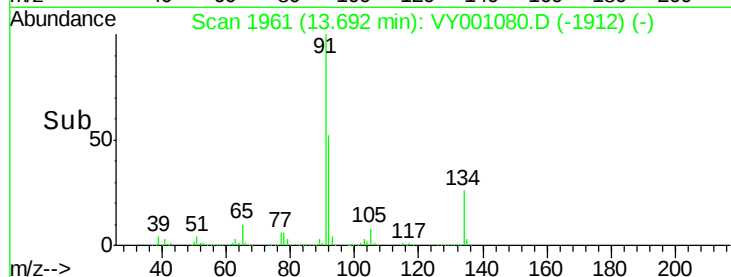
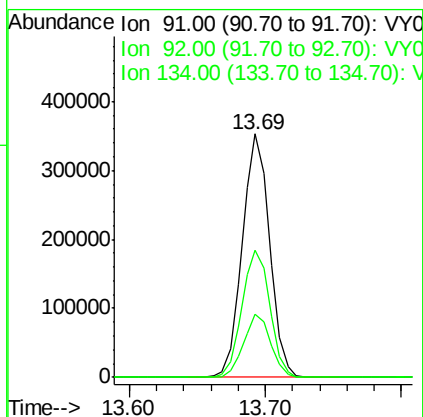
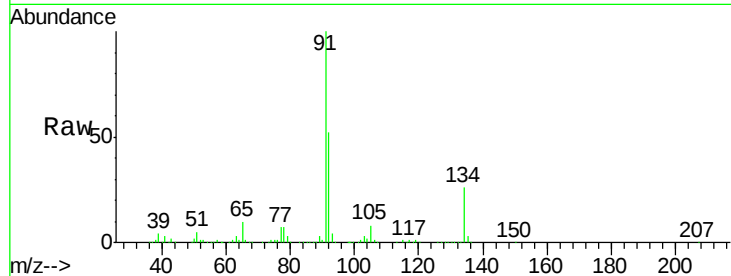




#89
n-Butylbenzene
Concen: 43.114 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

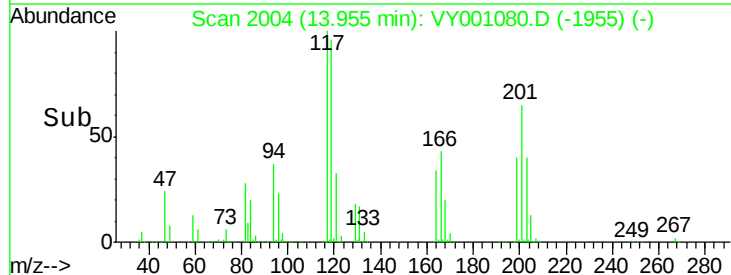
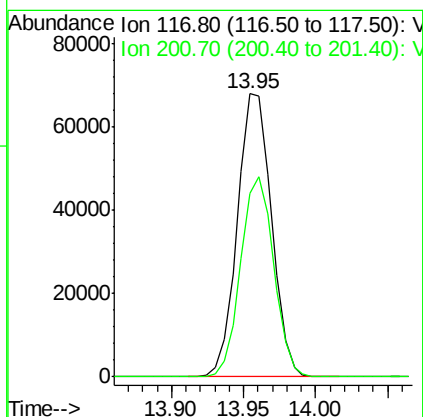
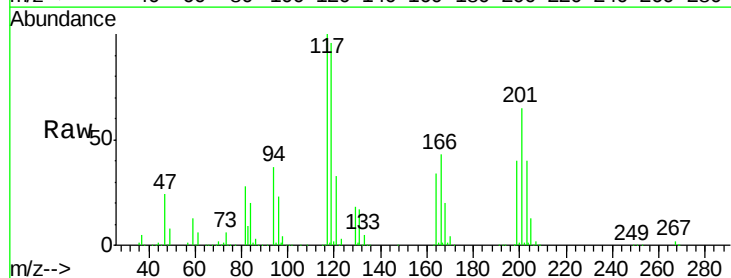
Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

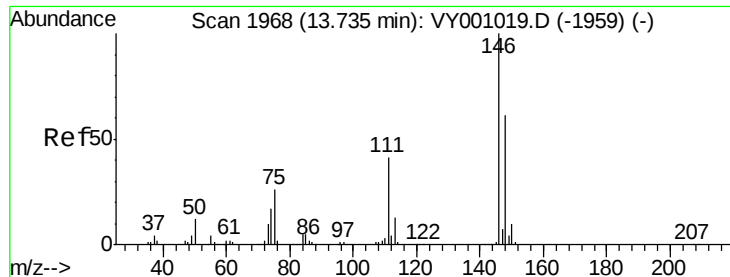
Tgt Ion: 91 Resp: 494285
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 25.8 12.7 38.0



#90
Hexachloroethane
Concen: 52.010 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001080.D
Acq: 26 Dec 2019 18:10

Tgt Ion: 117 Resp: 111656
Ion Ratio Lower Upper
117 100
201 68.6 33.7 101.1

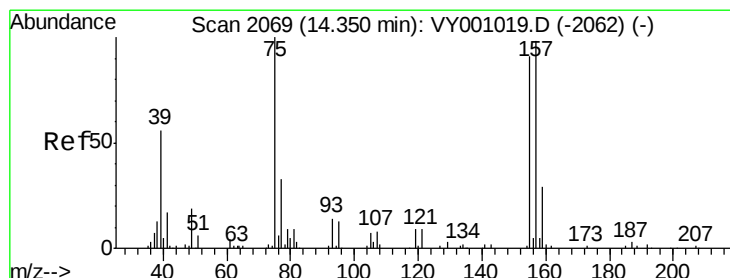
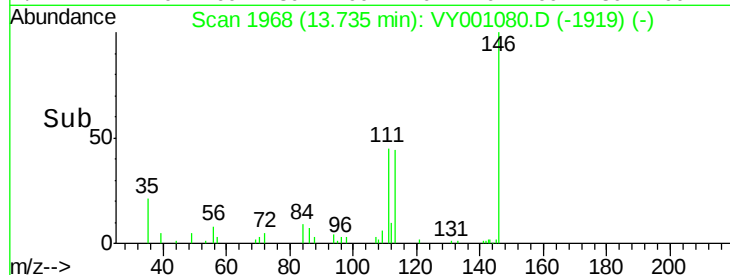
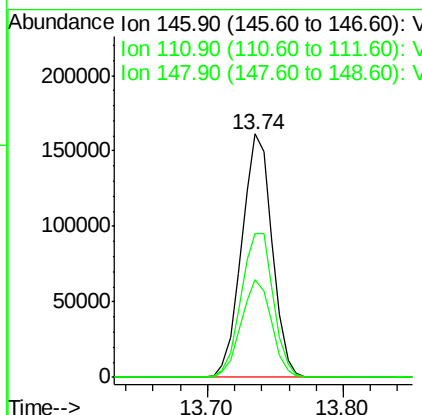
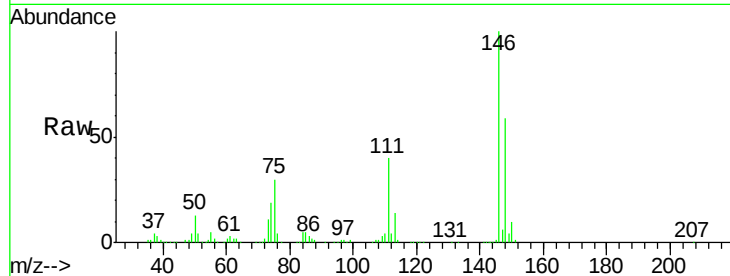




#91
 1,2-Dichlorobenzene
 Concen: 48.580 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

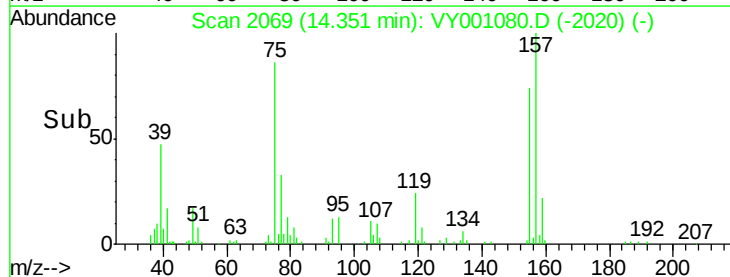
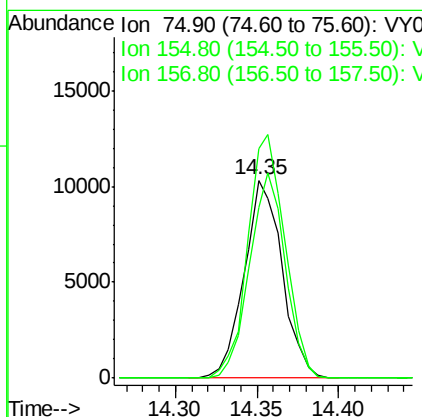
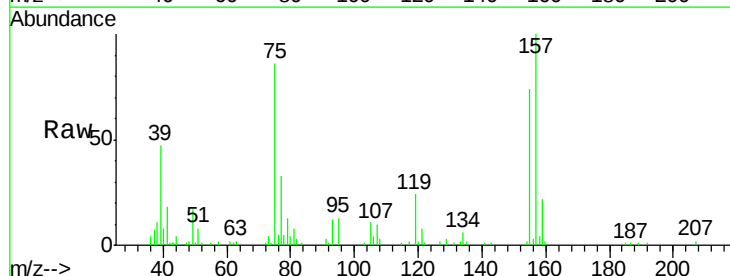
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

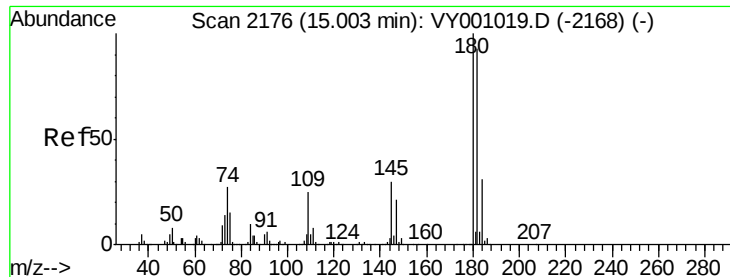
Tgt Ion:146 Resp: 251293
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.9
 148 63.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.067 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion: 75 Resp: 16716
 Ion Ratio Lower Upper
 75 100
 155 97.4 46.3 138.9
 157 120.3 58.1 174.4

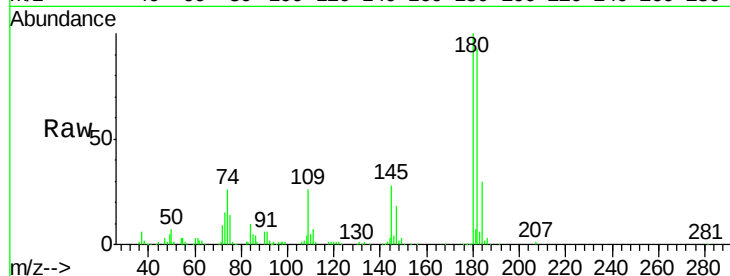




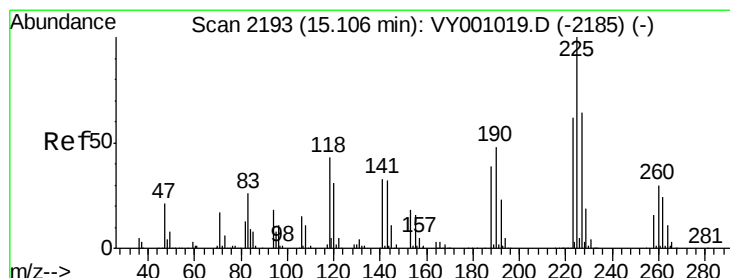
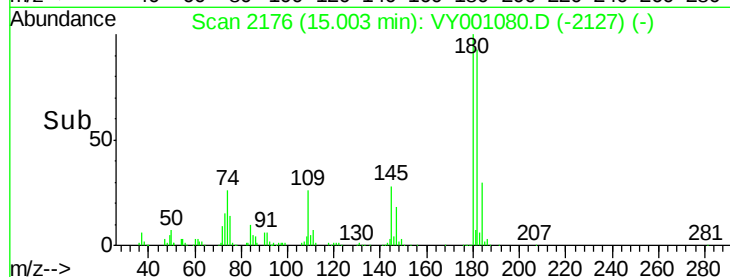
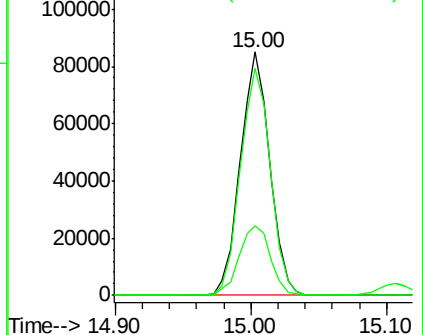
#93
 1,2,4-Trichlorobenzene
 Concen: 36.661 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tgt Ion:180 Resp: 128000
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.8 140.3
 145 30.3 15.3 45.9

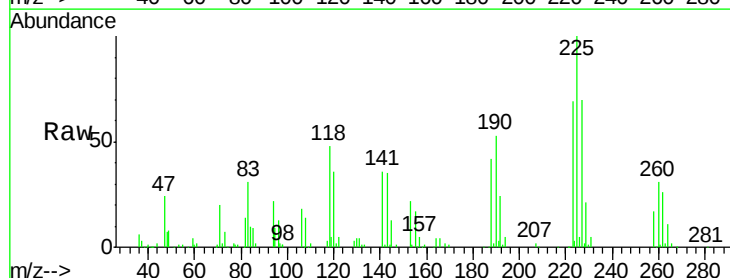


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

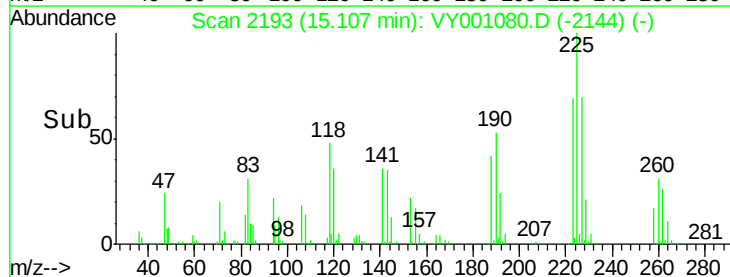
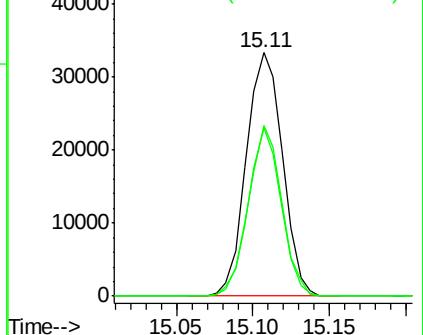


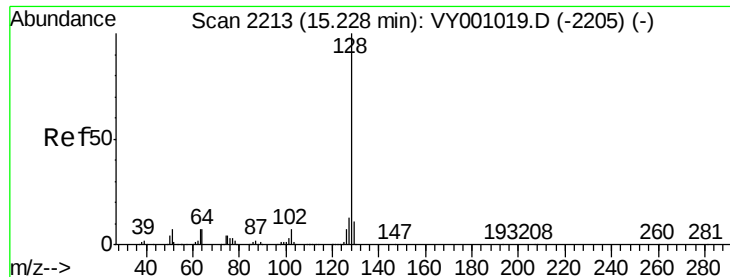
#94
 Hexachlorobutadiene
 Concen: 33.091 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001080.D
 Acq: 26 Dec 2019 18:10

Tgt Ion:225 Resp: 54980
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 94.8
 227 64.3 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: 37.918 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

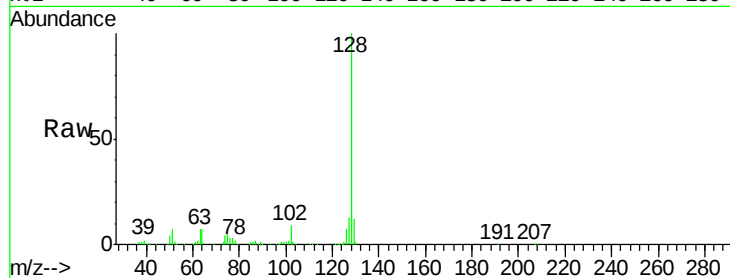
Tgt Ion:128 Resp: 311343

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

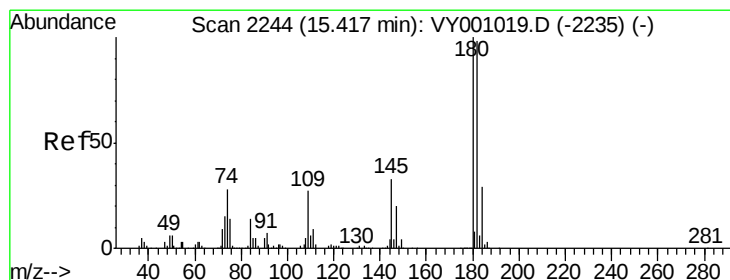
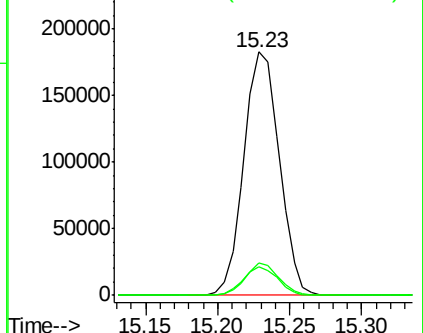
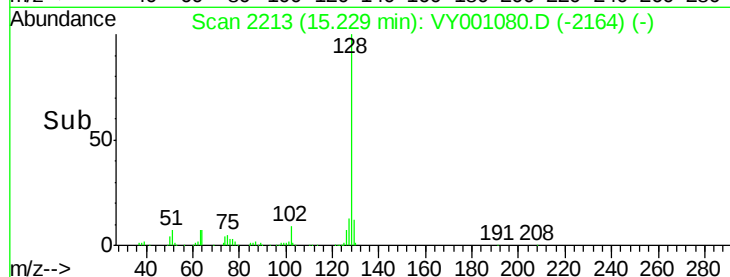
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 35.235 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001080.D

Acq: 26 Dec 2019 18:10

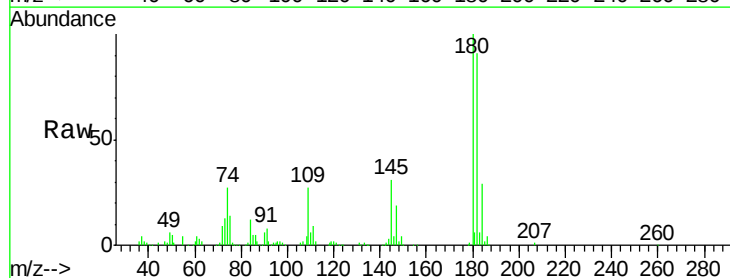
Tgt Ion:180 Resp: 109712

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.8

145 32.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

