

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001109.D
 Acq On : 27 Dec 2019 19:25
 Operator : SY/MD
 Sample : K6438-01
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Manual Integrations
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 12/30/2019 3:35:55 PM

Quant Time: Dec 28 05:20:47 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	287393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	529388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	482448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	150624	53.14	ug/l	0.00
Spiked Amount						
			Recovery	=	106.28%	
35) Dibromofluoromethane	7.73	113	153944	49.38	ug/l	0.00
Spiked Amount						
			Recovery	=	98.76%	
50) Toluene-d8	10.18	98	622462	51.09	ug/l	0.00
Spiked Amount						
			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	205671	46.18	ug/l	0.00
Spiked Amount						
			Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	21630	8.637	ug/l	85
3) Chloromethane	2.11	50	20278	5.950	ug/l	99
4) Vinyl Chloride	2.26	62	20130	6.082	ug/l	93
5) Bromomethane	2.65	94	17434	8.225	ug/l	91
6) Chloroethane	2.80	64	14131	6.854	ug/l	93
7) Trichlorofluoromethane	3.13	101	36200	7.456	ug/l	98
8) Diethyl Ether	3.54	74	21500	10.849	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	28460	8.924	ug/l	95
10) Methyl Iodide	4.10	142	32645	7.409	ug/l	97
11) Tert butyl alcohol	4.96	59	16331	52.400	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	26768	8.291	ug/l	98
14) Allvl chloride	4.49	41	42708	8.515	ug/l	97
15) Acrylonitrile	5.18	53	52381	52.887	ug/l	97
16) Acetone	3.96	43	37988	58.175	ug/l	96
17) Carbon Disulfide	4.20	76	82583	7.828	ug/l	99
18) Methyl Acetate	4.49	43	84717	33.816	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	87169	10.461	ug/l	98
20) Methylene Chloride	4.72	84	44905	11.683	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	31206	8.721	ug/l	96
22) Diisopropyl ether	6.13	45	96984	9.566	ug/l #	88
24) 1,1-Dichloroethane	6.04	63	52878	8.826	ug/l	97
25) 2-Butanone	7.00	43	57826	50.409	ug/l	98
26) 2,2-Dichloropropane	6.99	77	39510	8.027	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	38311	9.746	ug/l	97
28) Bromochloromethane	7.34	49	24390	10.434	ug/l	91
29) Tetrahydrofuran	7.36	42	42827	52.485	ug/l	97
30) Chloroform	7.52	83	54038	9.539	ug/l	90
31) Cyclohexane	7.79	56	53777	8.536	ug/l #	81
32) 1,1,1-Trichloroethane	7.71	97	39965	8.270	ug/l	96
36) 1,1-Dichloropropene	7.93	75	40385	7.997	ug/l	97
37) Ethyl Acetate	7.08	43	6337	2.266	ug/l #	77
38) Carbon Tetrachloride	7.91	117	34544	7.807	ug/l #	91
39) Methylcyclohexane	9.19	83	52737	7.863	ug/l	93
40) Benzene	8.17	78	136027	8.928	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	7.32	41	8592m	7.087	ug/l	
42) 1,2-Dichloroethane	8.25	62	35769	9.819	ug/l	96
43) Isopropyl Acetate	8.28	43	18962	3.663	ug/l #	61
44) Trichloroethene	8.94	130	34963	8.709	ug/l	95
45) 1,2-Dichloropropane	9.22	63	36263	9.487	ug/l	98
46) Dibromomethane	9.31	93	19706	10.001	ug/l	98
47) Bromodichloromethane	9.50	83	40762	8.931	ug/l	96
48) Methyl methacrylate	9.30	41	26651	12.064	ug/l	90
49) 1,4-Dioxane	9.30	88	7590	263.336	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	127164	47.130	ug/l	98
52) Toluene	10.24	92	82708	8.820	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	42472	8.575	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	52115	8.750	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	29318	9.967	ug/l	97
56) Ethyl methacrylate	10.51	69	8431	2.014	ug/l	94
57) 1,3-Dichloropropane	10.79	76	52214	10.127	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	66338	41.027	ug/l	100
59) 2-Hexanone	10.83	43	74654	39.987	ug/l	94
60) Dibromochloromethane	10.99	129	29745	9.467	ug/l	99
61) 1,2-Dibromoethane	11.08	107	28816	10.245	ug/l	100
64) Tetrachloroethene	10.72	164	34426	8.247	ug/l	99
65) Chlorobenzene	11.51	112	86403	8.634	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	29398	8.902	ug/l	96
67) Ethyl Benzene	11.59	91	150038	8.335	ug/l	97
68) m/p-Xylenes	11.70	106	110153	16.117	ug/l	100
69) o-Xylene	12.03	106	54790	8.521	ug/l	99
70) Styrene	12.04	104	70573	6.455	ug/l	97
71) Bromoform	12.20	173	18690	10.164	ug/l #	92
73) Isopropylbenzene	12.33	105	136521	8.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	32844	9.848	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	27247m	10.103	ug/l	
77) Bromobenzene	12.61	156	32516	8.540	ug/l	99
78) n-propylbenzene	12.67	91	155535	7.540	ug/l	98
79) 2-Chlorotoluene	12.75	91	89627	7.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	106241	7.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	9666	7.644	ug/l	97
82) 4-Chlorotoluene	12.85	91	89371	7.553	ug/l	99
83) tert-Butylbenzene	13.07	119	94826	8.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	105032	7.532	ug/l	95
85) sec-Butylbenzene	13.25	105	129631	7.548	ug/l	99
86) p-Isopropyltoluene	13.36	119	100602	6.770	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	55384	7.574	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	54431	7.379	ug/l	94
89) n-Butylbenzene	13.69	91	92065	6.158	ug/l	97
90) Hexachloroethane	13.95	117	20166	7.203	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	52691	7.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4507	8.077	ug/l	84
93) 1,2,4-Trichlorobenzene	15.00	180	24430	5.366	ug/l	98
94) Hexachlorobutadiene	15.11	225	12117	5.592	ug/l	98
95) Naphthalene	15.23	128	68289	6.378	ug/l	99

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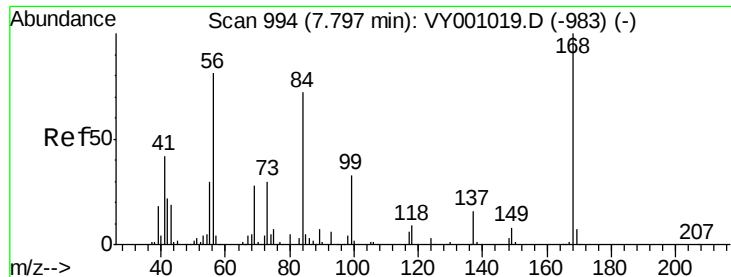
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.42	180	23049	5.676	ug/l	97

(#) = 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: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion:168 Resp: 287393

Ion Ratio Lower Upper

168 100

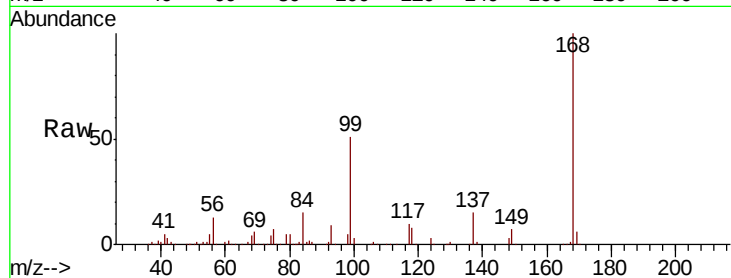
99 51.4 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001109.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001109.D (-983) (-)

7.80

150000

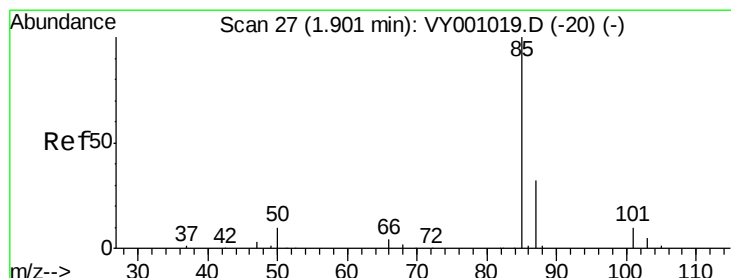
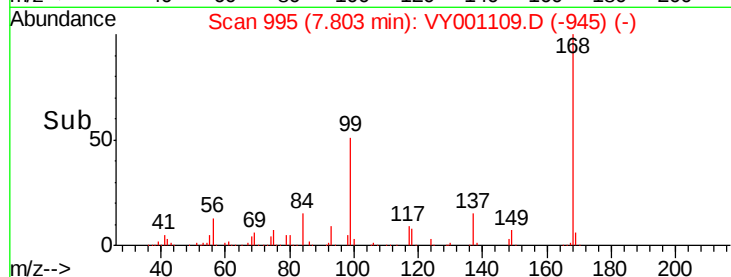
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 8.637 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001109.D

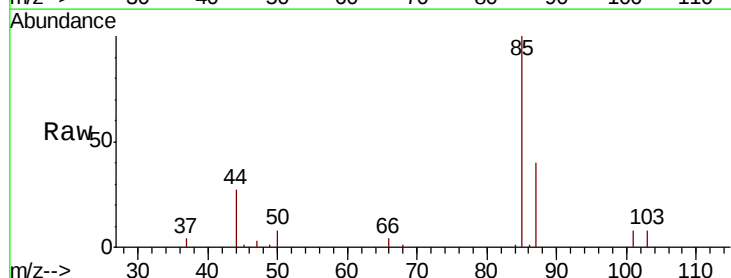
Acq: 27 Dec 2019 19:25

Tgt Ion: 85 Resp: 21630

Ion Ratio Lower Upper

85 100

87 40.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001109.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001109.D (-1) (-)

1.90

15000

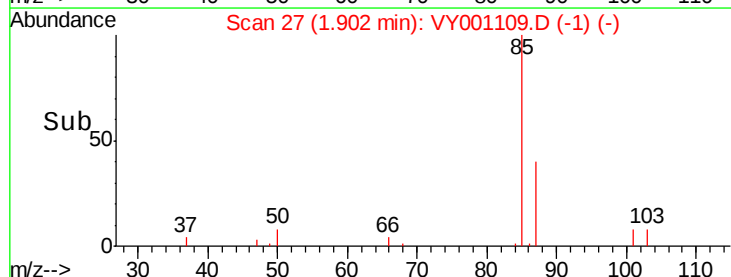
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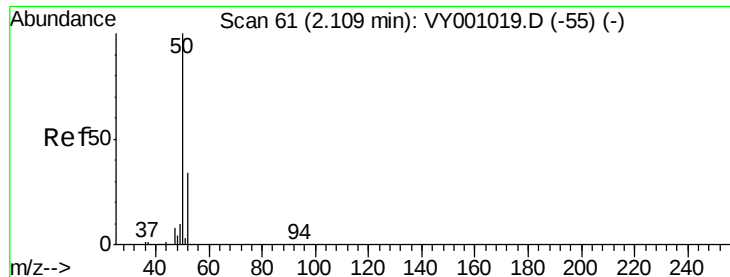
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 5.950 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 50 Resp: 20278

Ion Ratio Lower Upper

50 100

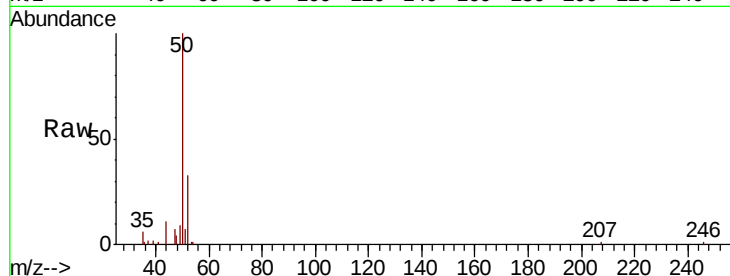
52 33.2 27.1 40.7

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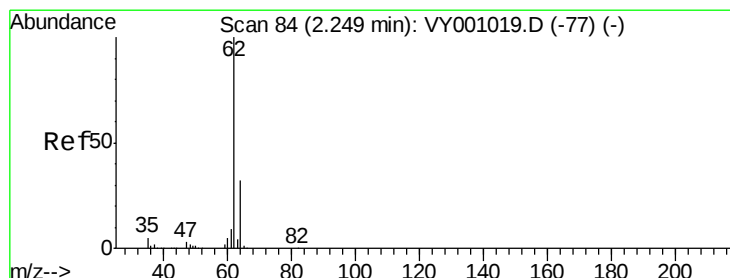
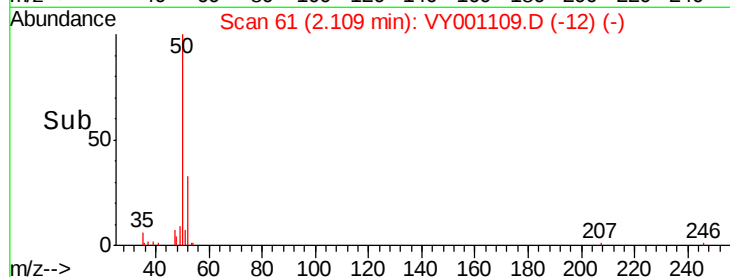
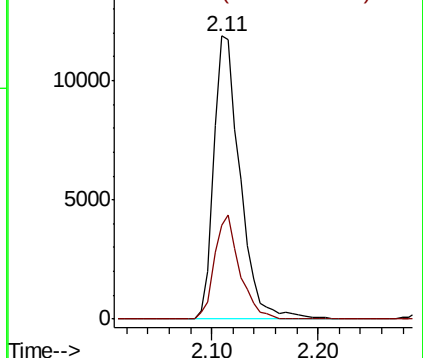
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 6.082 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001109.D

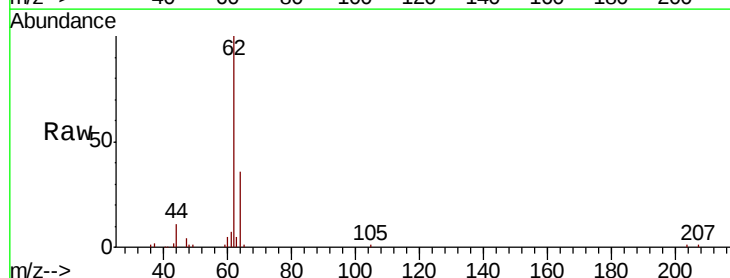
Acq: 27 Dec 2019 19:25

Tgt Ion: 62 Resp: 20130

Ion Ratio Lower Upper

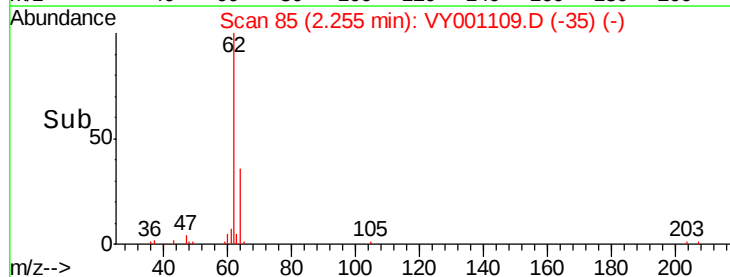
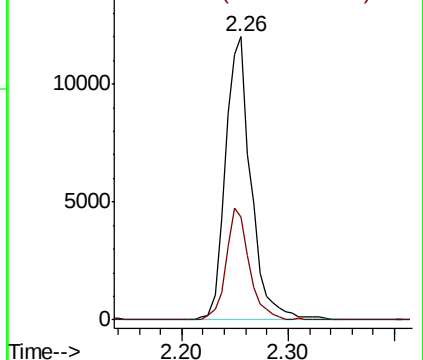
62 100

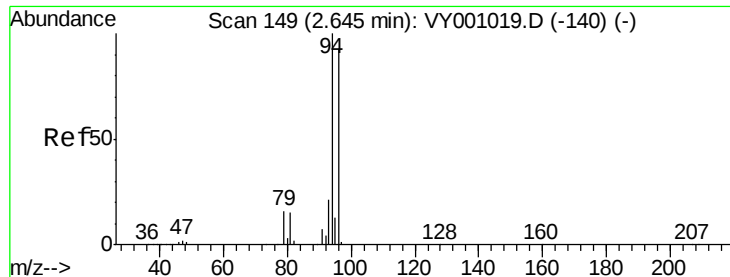
64 36.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 8.225 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

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Tot Ion: 94 Resp: 17434

Ion Ratio Lower Upper

94 100

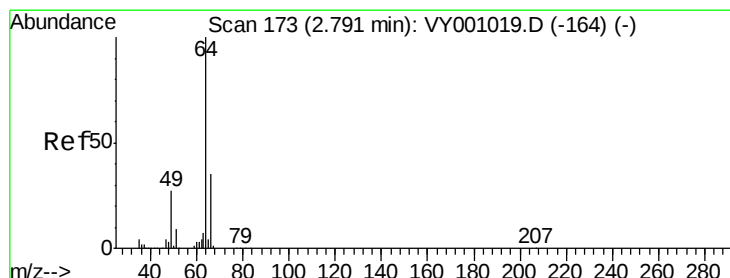
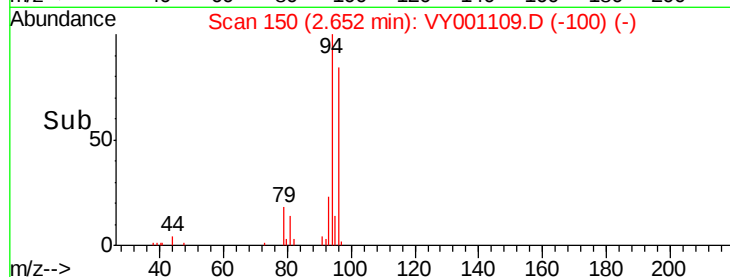
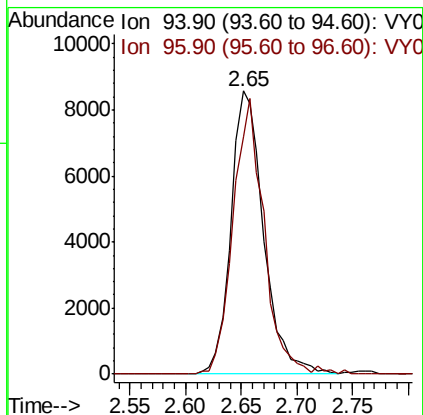
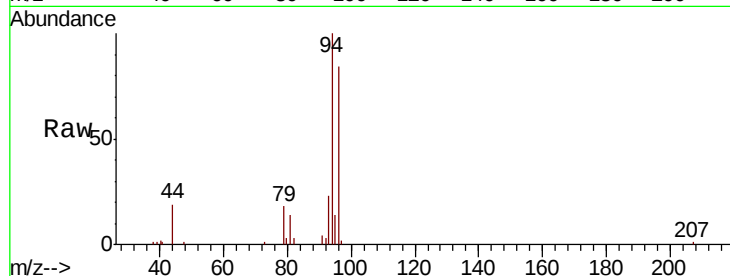
96 83.9 74.2 111.4

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#6

Chloroethane

Concen: 6.854 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY001109.D

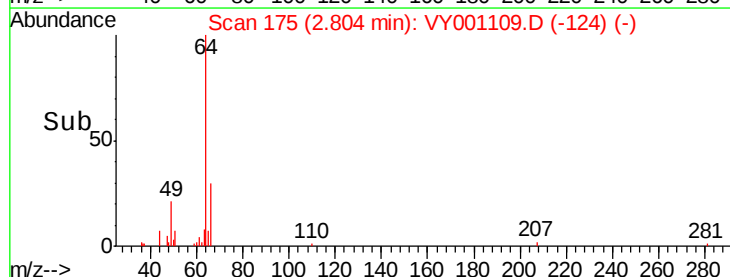
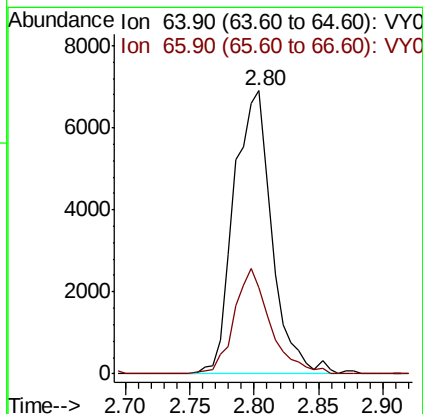
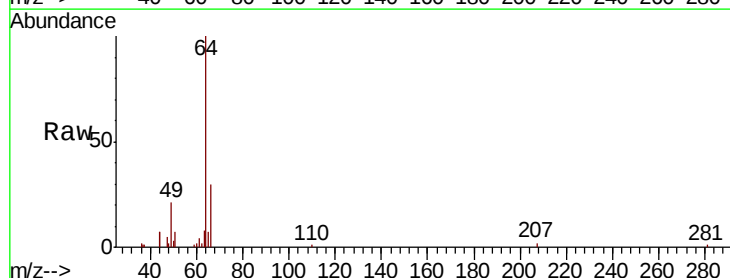
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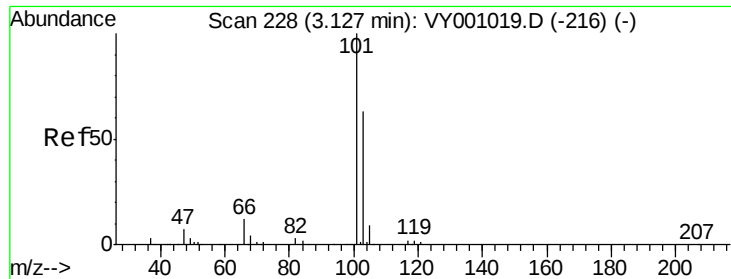
Tgt Ion: 64 Resp: 14131

Ion Ratio Lower Upper

64 100

66 30.4 27.8 41.6





#7

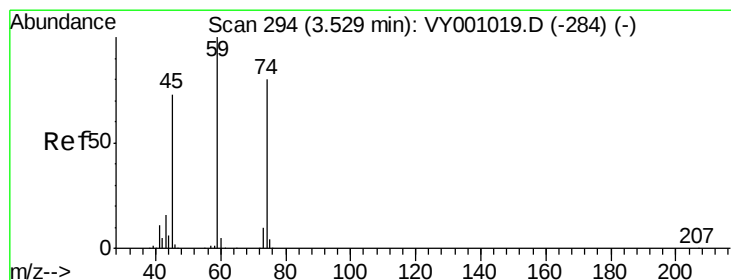
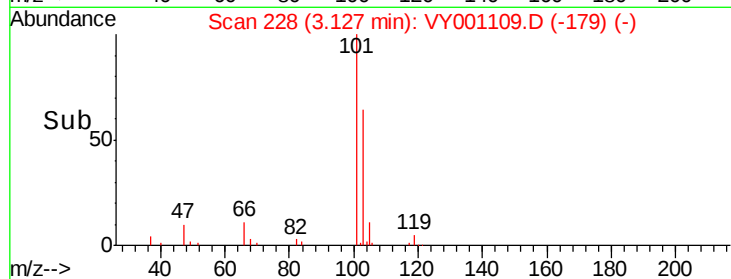
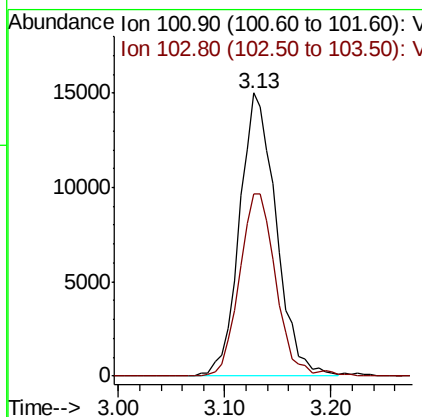
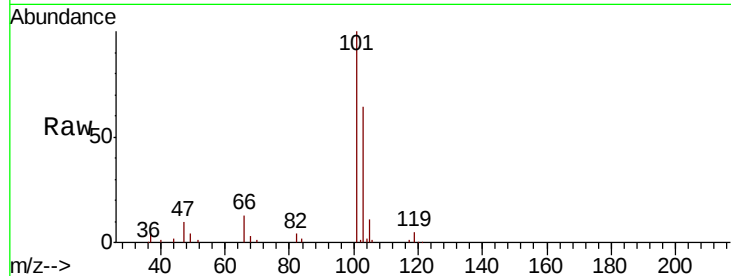
Trichlorofluoromethane
Concen: 7.456 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001109.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.2	75.2

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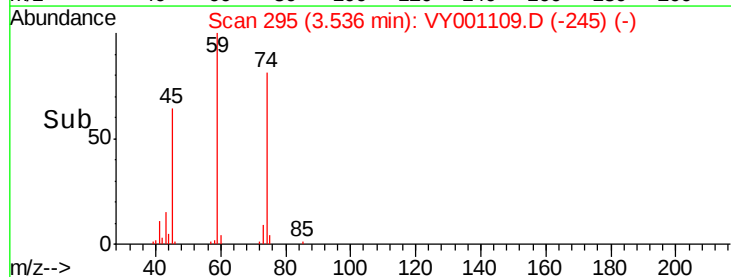
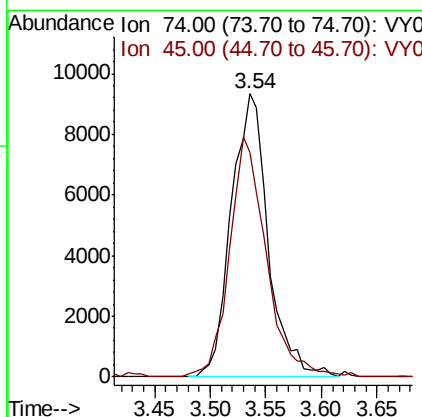
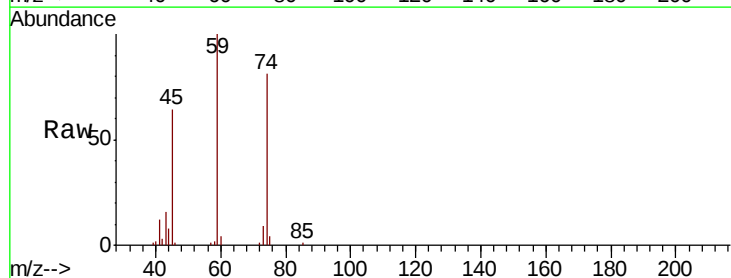
apatel
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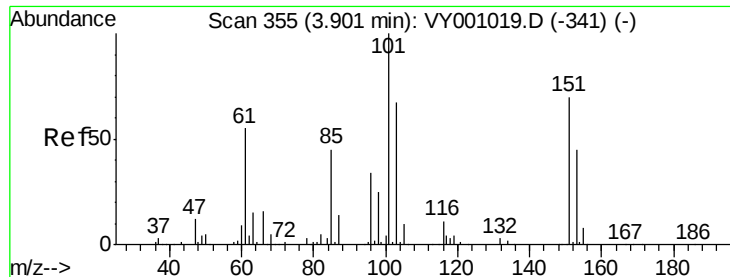


#8

Diethyl Ether
Concen: 10.849 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.5	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.924 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001109.D

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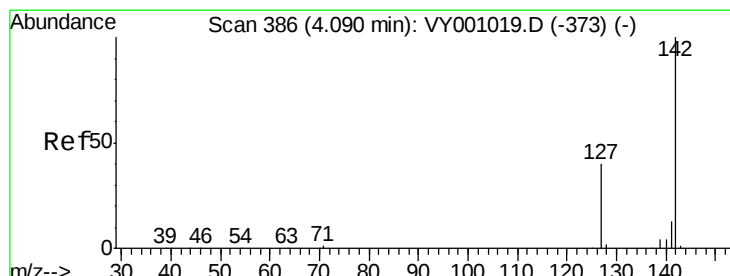
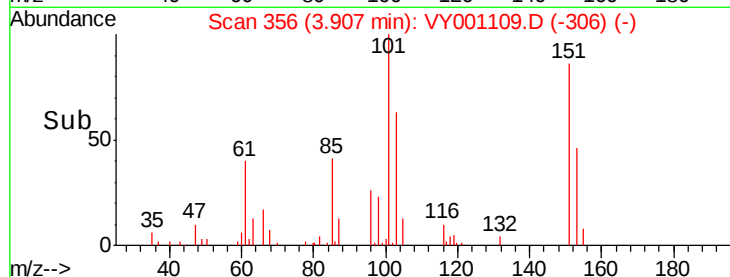
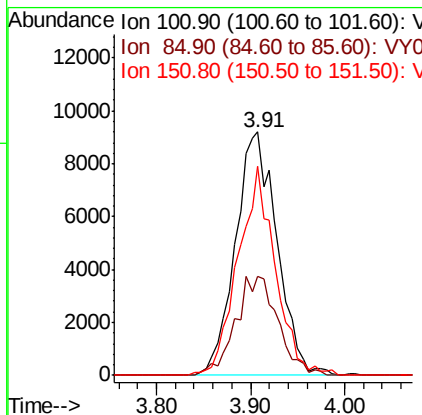
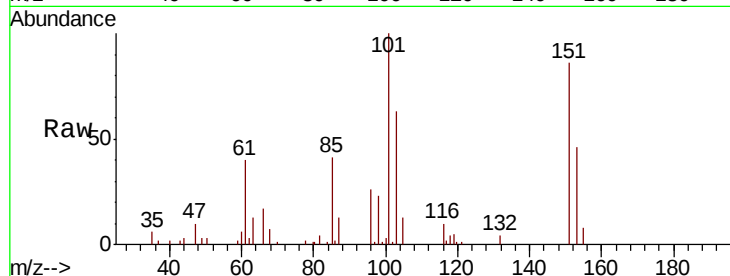
ClientSampleId :

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Tot Ion:	101	Resp:	28460
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.2	51.2
151	76.7	57.0	85.6

Manual Integrations
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#10

Methyl Iodide

Concen: 7.409 ug/l

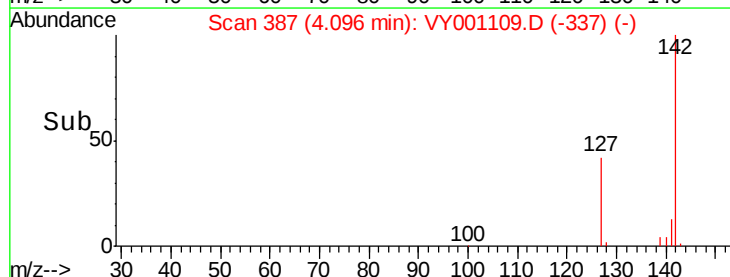
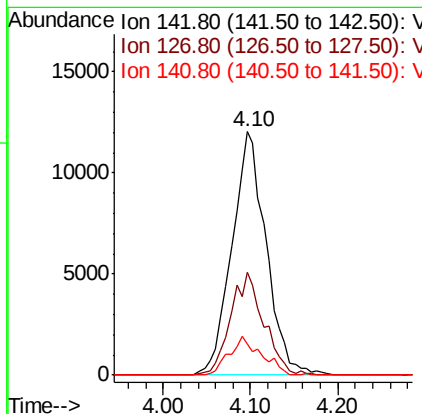
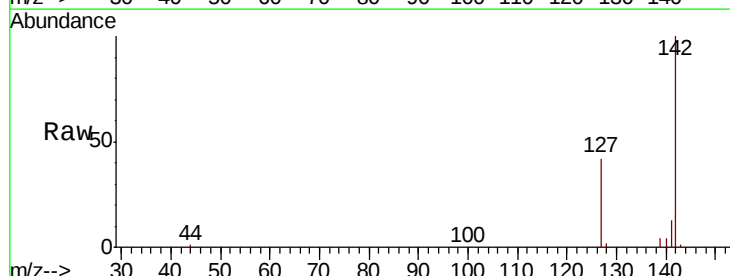
RT: 4.10 min Scan# 387

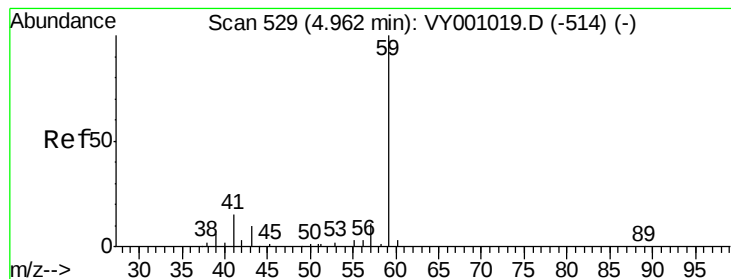
Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Tgt Ion:	142	Resp:	32645
Ion Ratio	Lower	Upper	
142	100		
127	40.8	31.2	46.8
141	14.9	11.0	16.4





#11

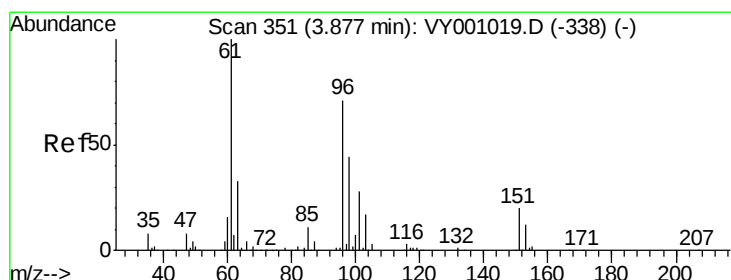
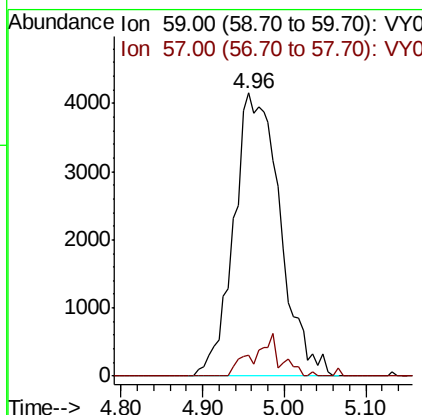
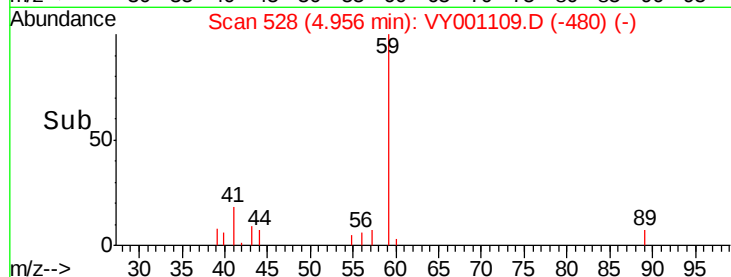
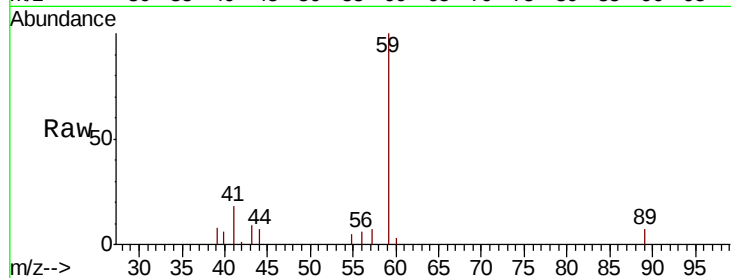
Tert butyl alcohol
Concen: 52.400 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

Manual Integrations
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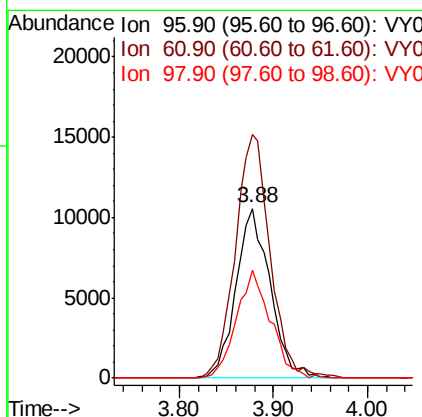
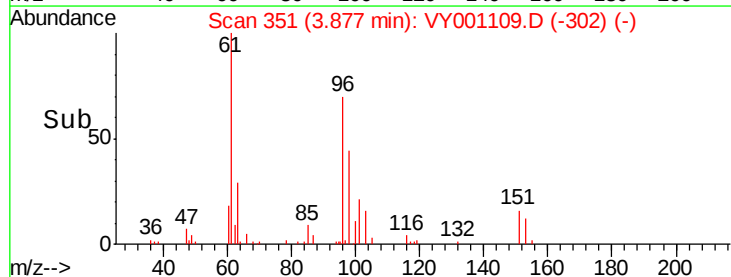
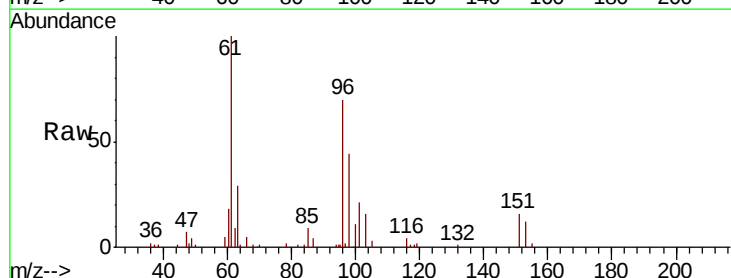
apatel
12/30/2019 3:35:55 PM

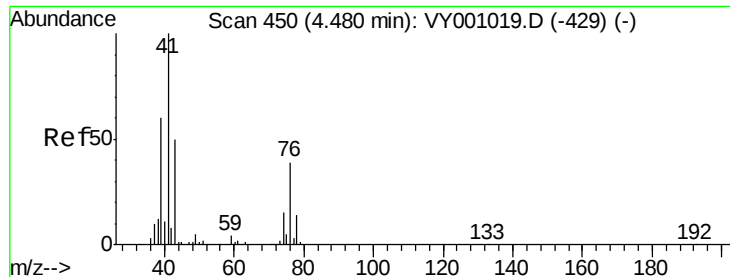


#12

1,1-Dichloroethene
Concen: 8.291 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	113.0	169.4
98	63.5	49.8	74.8





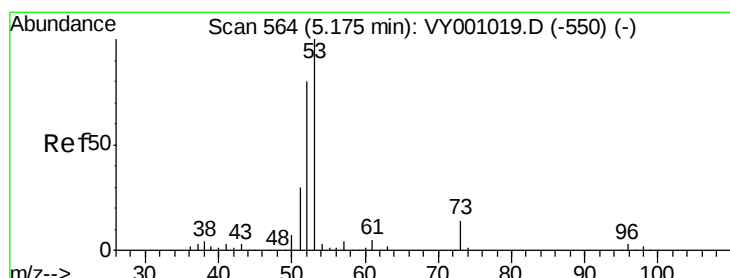
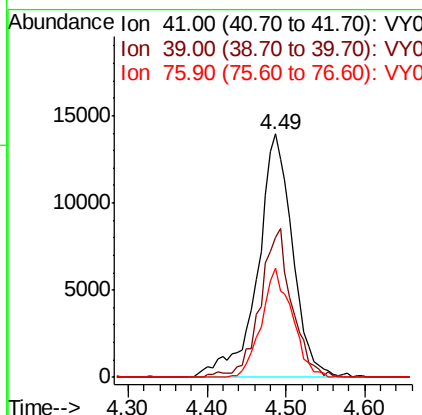
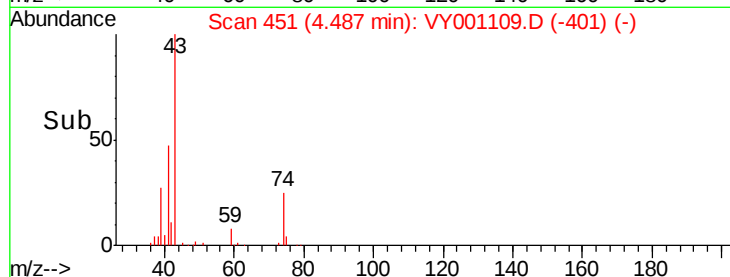
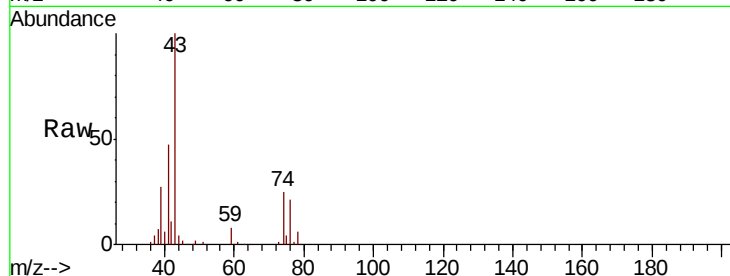
#14
Allvl chloride
Concen: 8.515 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	42708		
39	54.9	46.0	69.0	
76	39.3	32.6	48.8	

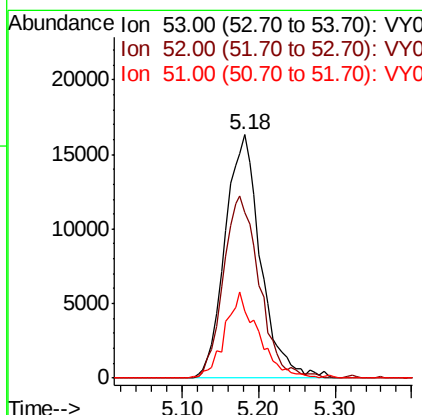
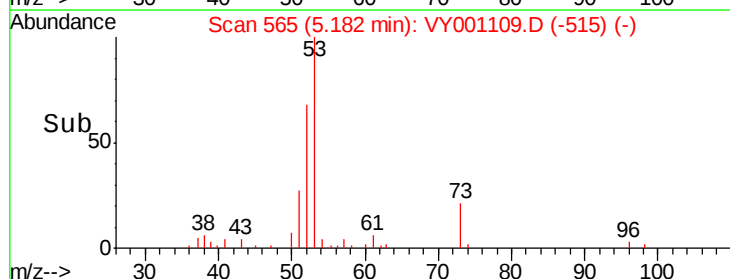
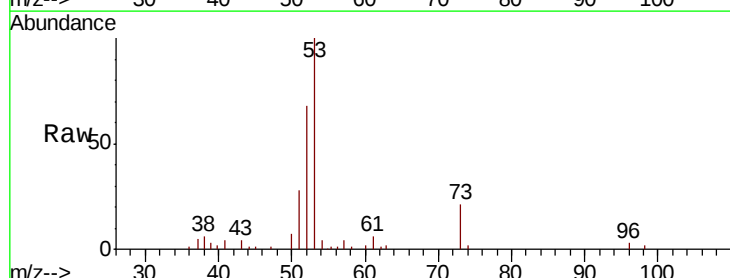
Manual Integrations
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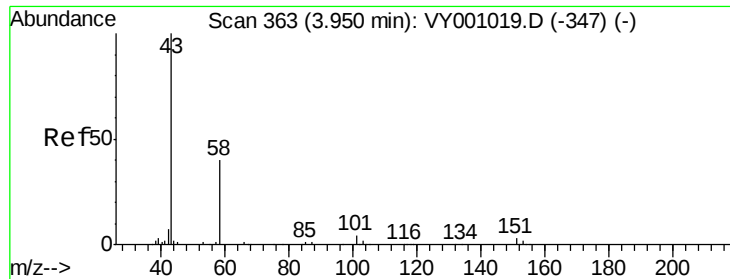
apatel
12/30/2019 3:35:55 PM



#15
Acrylonitrile
Concen: 52.887 ug/l
RT: 5.18 min Scan# 565
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
53	100	52381		
52	76.1	63.6	95.4	
51	33.3	26.7	40.1	





#16

Acetone

Concen: 58.175 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 43 Resp: 37988

Ion Ratio Lower Upper

43 100

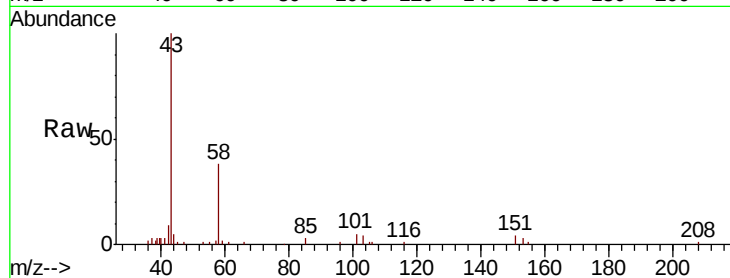
58 37.7 32.1 48.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY001109.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001109.D (-347) (-)

15000

10000

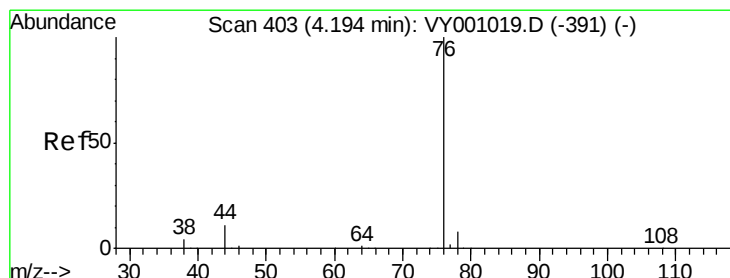
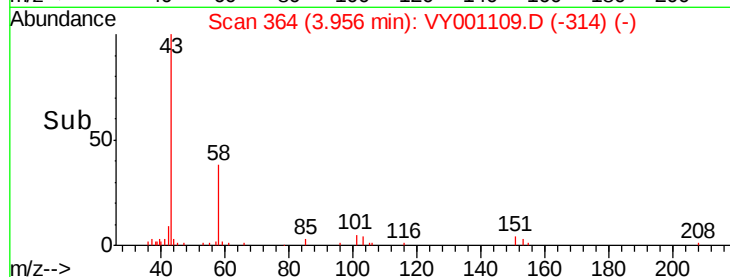
5000

0

Time-->

3.80 3.90 4.00 4.10

3.96



#17

Carbon Disulfide

Concen: 7.828 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001109.D

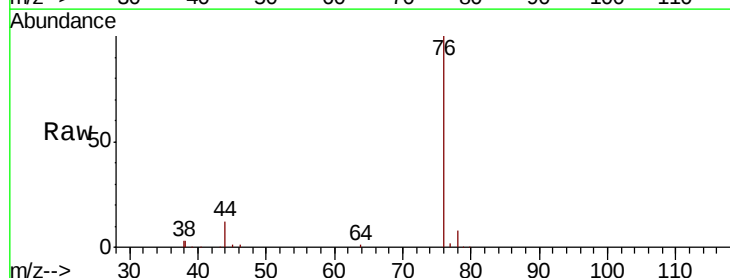
Acq: 27 Dec 2019 19:25

Tgt Ion: 76 Resp: 82583

Ion Ratio Lower Upper

76 100

78 7.9 6.7 10.1



Abundance Ion 75.90 (75.60 to 76.60): VY001109.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY001109.D (-391) (-)

30000

20000

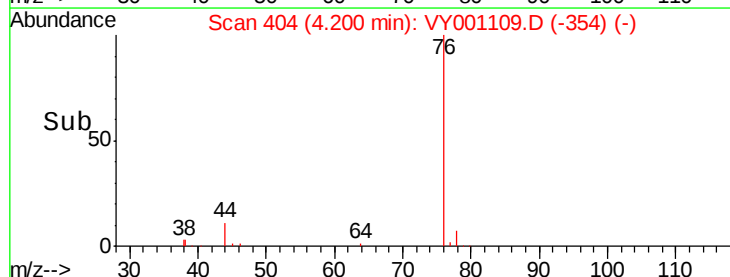
10000

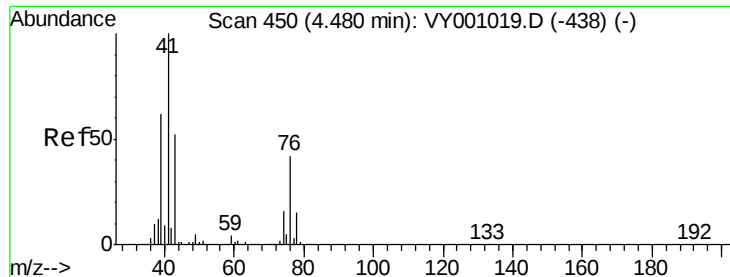
0

Time-->

4.10 4.20 4.30

4.20





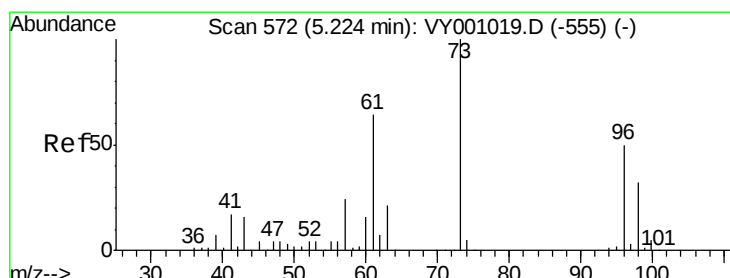
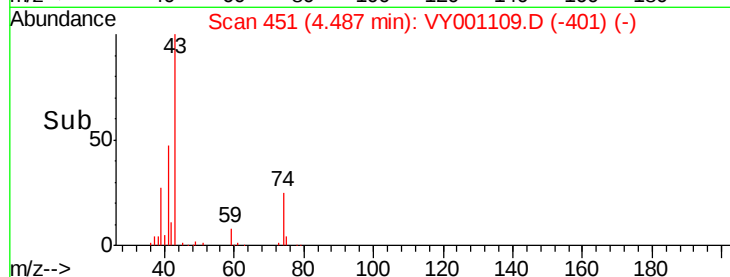
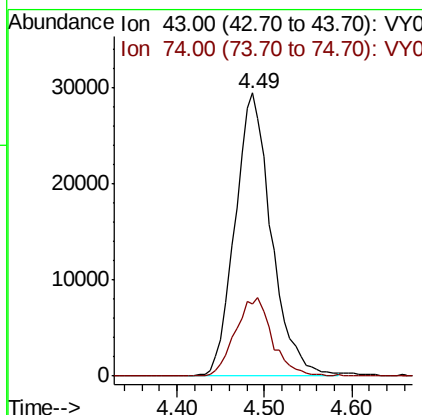
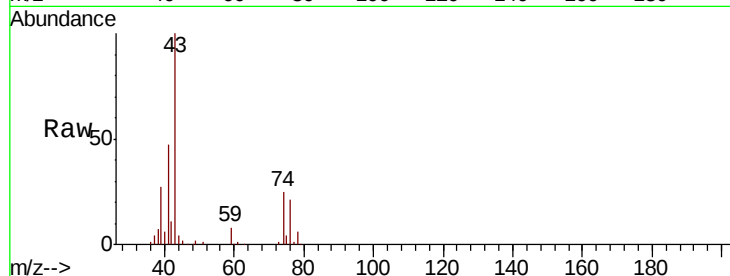
#18
Methyl Acetate
Concen: 33.816 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion: 43 Resp: 84717
Ion Ratio Lower Upper
43 100
74 28.0 20.7 31.1

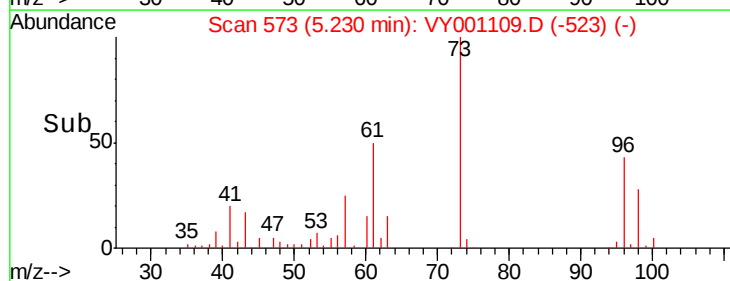
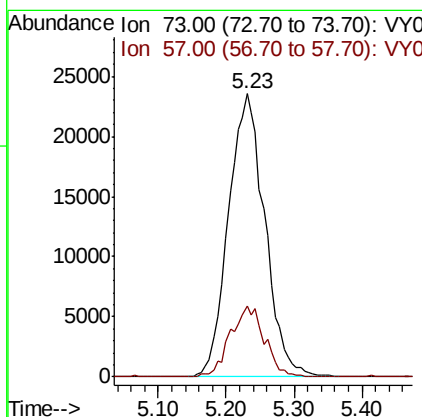
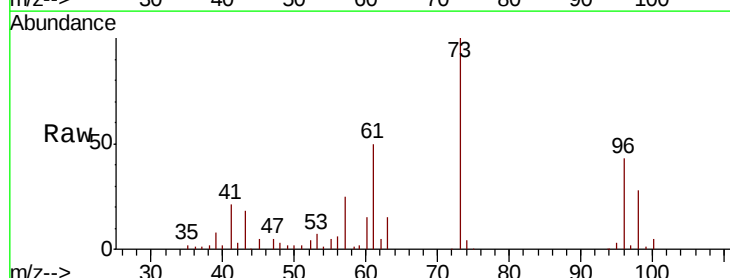
Manual Integrations
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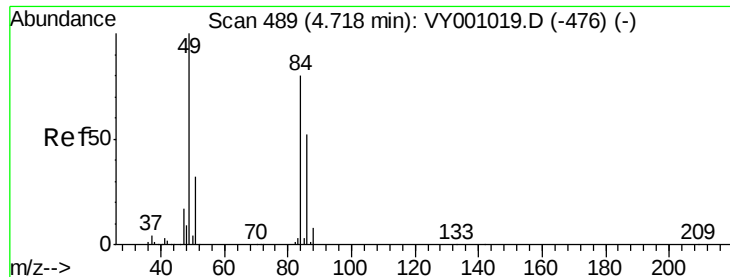
apatel
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#19
Methyl tert-butyl Ether
Concen: 10.461 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion: 73 Resp: 87169
Ion Ratio Lower Upper
73 100
57 25.0 19.0 28.6





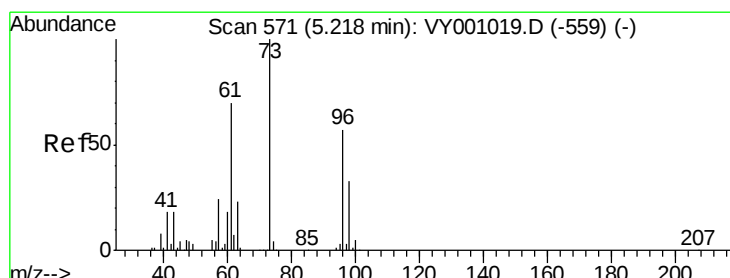
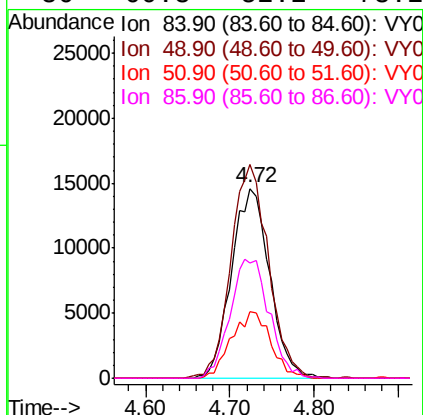
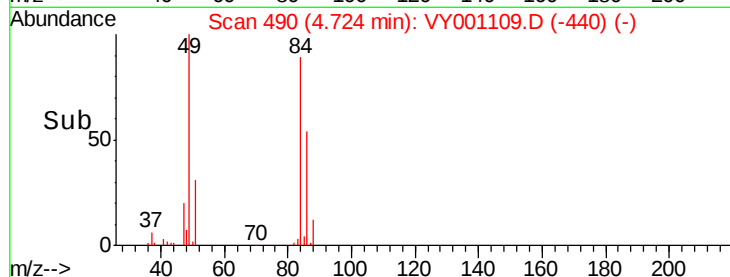
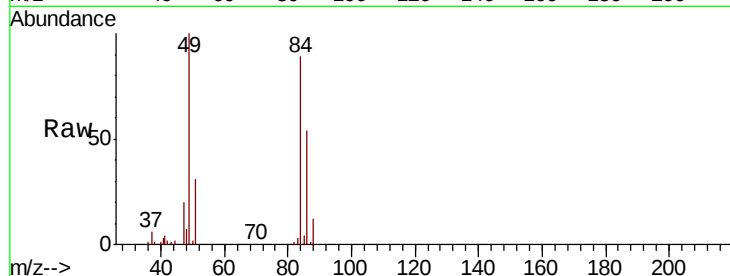
#20
Methvlene Chloride
Concen: 11.683 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Resp	Lower	Upper
84	100			
49	112.7	99.8	149.6	
51	35.2	31.4	47.2	
86	60.8	52.2	78.2	

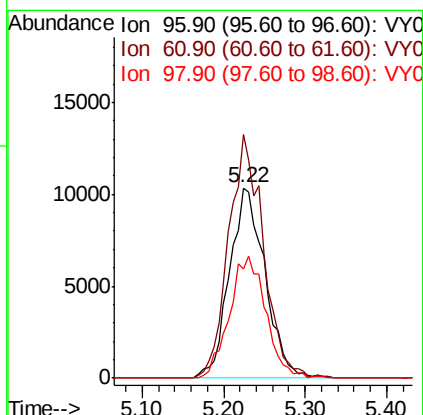
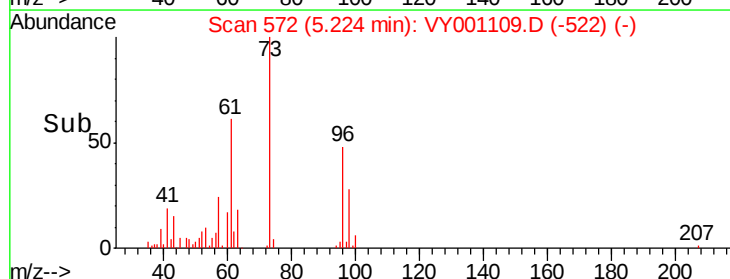
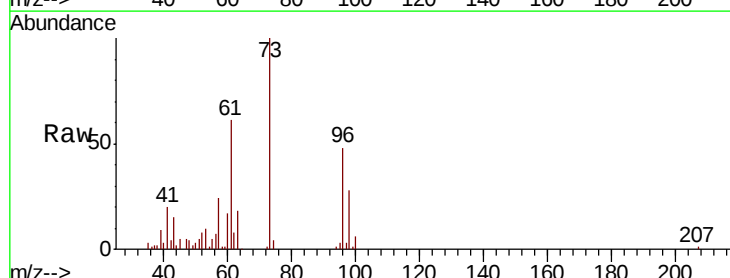
Manual Integrations
APPROVED

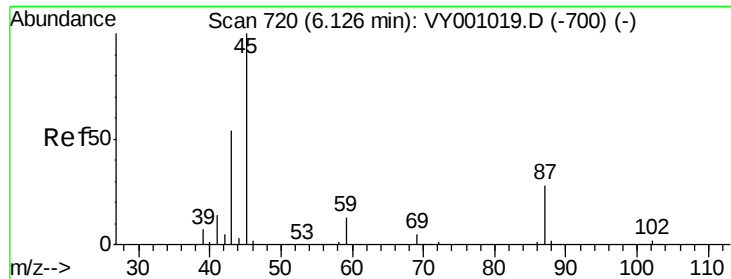
apatel
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#21
trans-1,2-Dichloroethene
Concen: 8.721 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.1	98.1	147.1	
98	57.6	47.2	70.8	





#22

Diisopropyl ether

Concen: 9.566 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

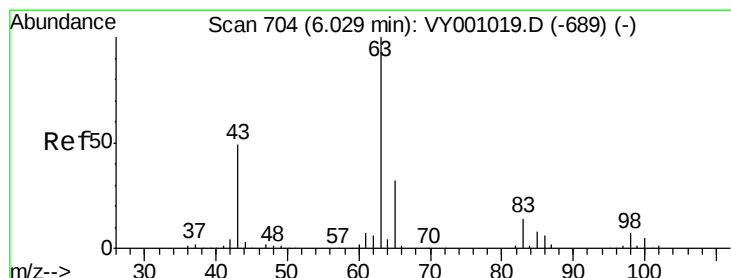
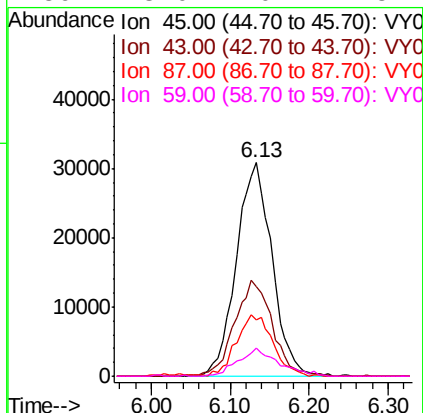
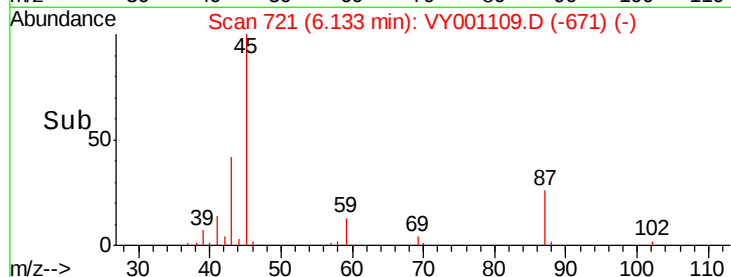
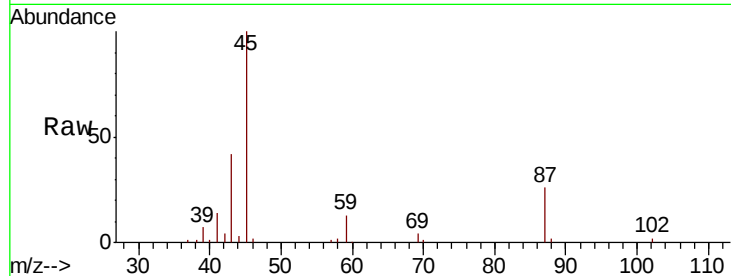
ClientSampleId :

DUNR-BF001-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		96984		
43	41.7	43.6	65.4#		
87	26.3	23.1	34.7		
59	13.0	10.2	15.4		

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 8.826 ug/l

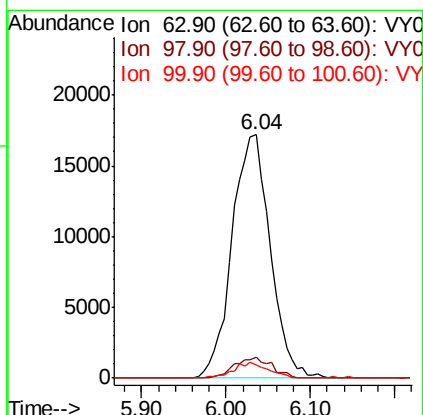
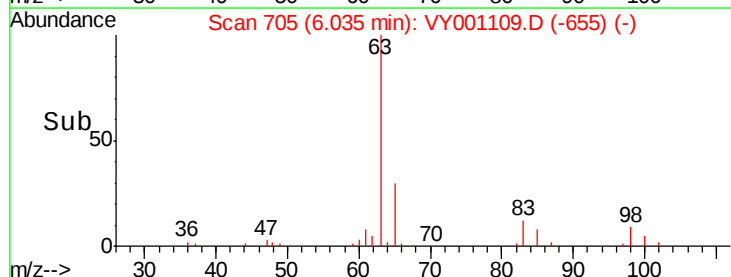
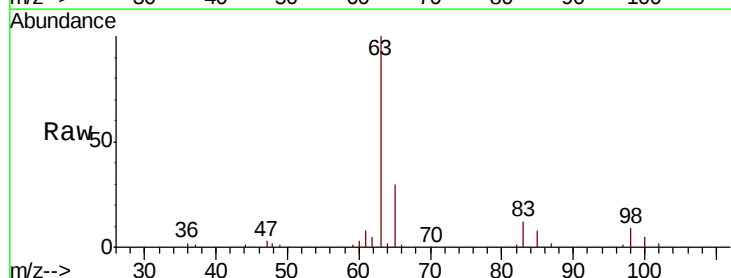
RT: 6.04 min Scan# 705

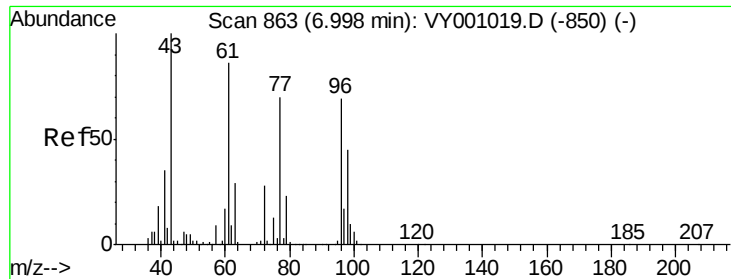
Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		52878		
98	8.8	3.8	11.2		
100	5.3	2.5	7.5		





#25

2-Butanone

Concen: 50.409 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampled :

DUNR-BF001-01

Tot Ion: 43 Resp: 57826

Ion Ratio Lower Upper

43 100

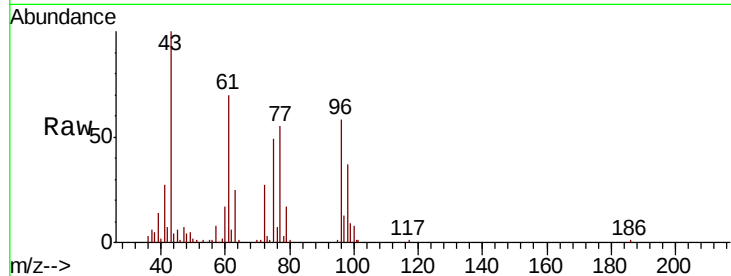
72 27.0 22.4 33.6

Manual Integrations

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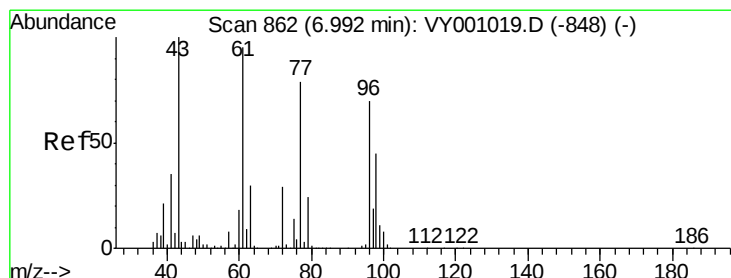
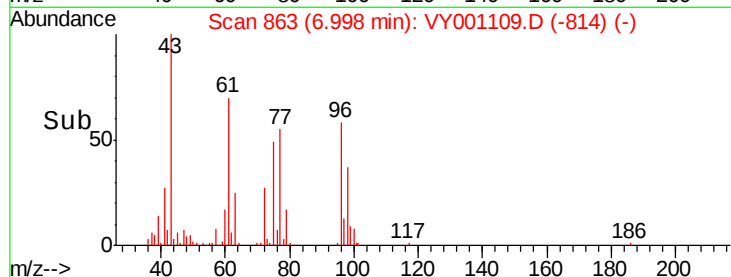
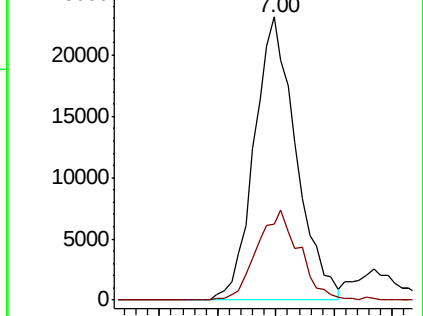
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 8.027 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001109.D

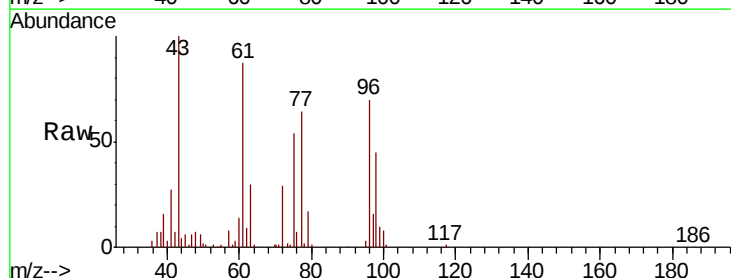
Acq: 27 Dec 2019 19:25

Tgt Ion: 77 Resp: 39510

Ion Ratio Lower Upper

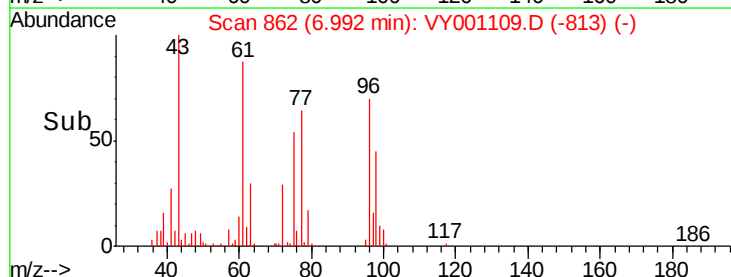
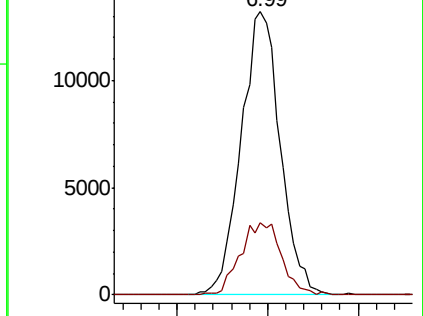
77 100

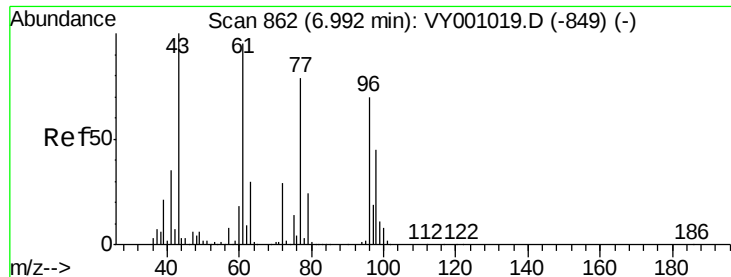
97 26.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

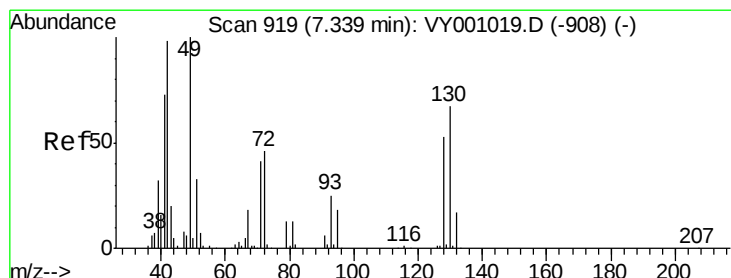
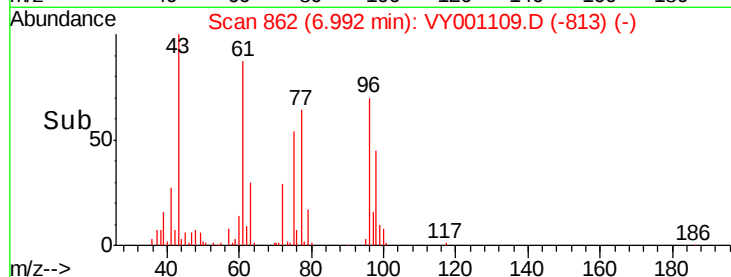
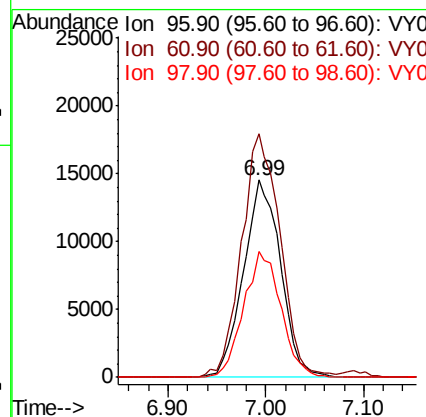
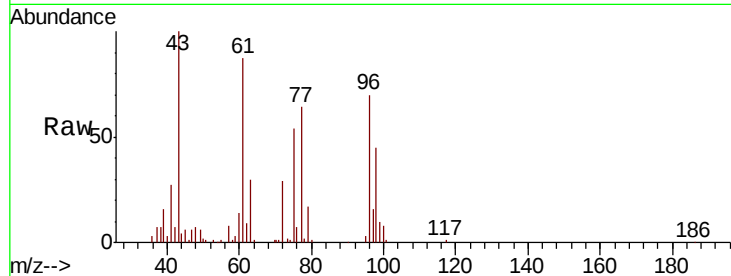
cis-1,2-Dichloroethene
Concen: 9.746 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	38311		
61	128.4		0.0	268.2
98	64.2		0.0	129.2

Manual Integrations
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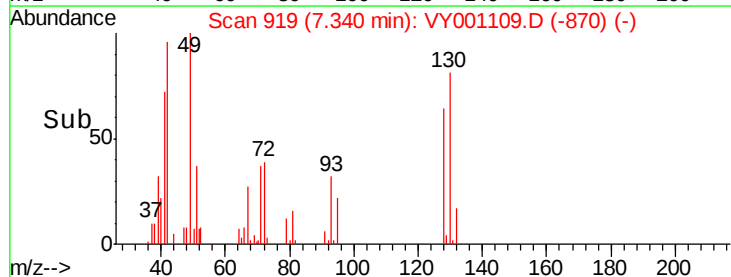
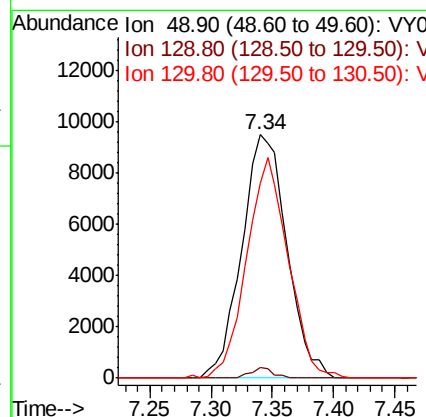
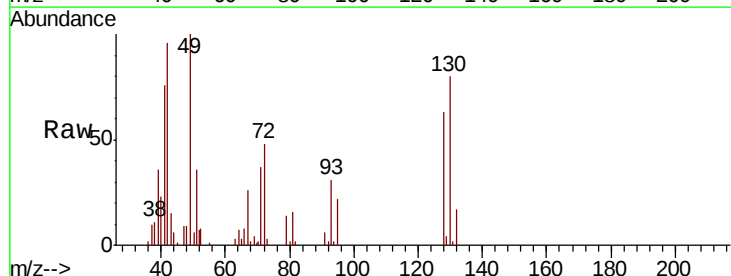
apatel
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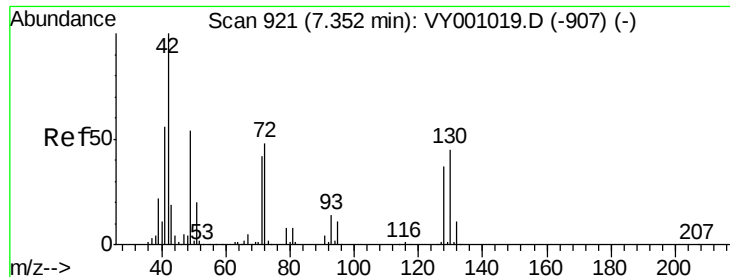


#28

Bromochloromethane
Concen: 10.434 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24390		
129	2.1		0.0	3.8
130	83.3		60.4	90.6





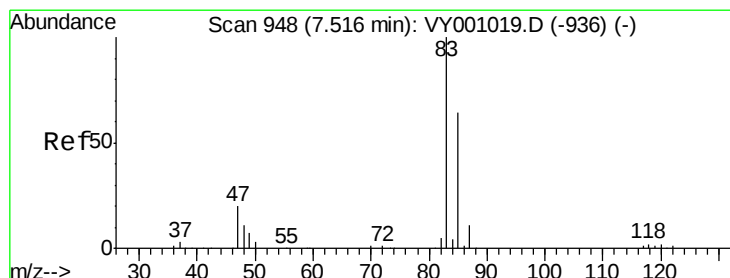
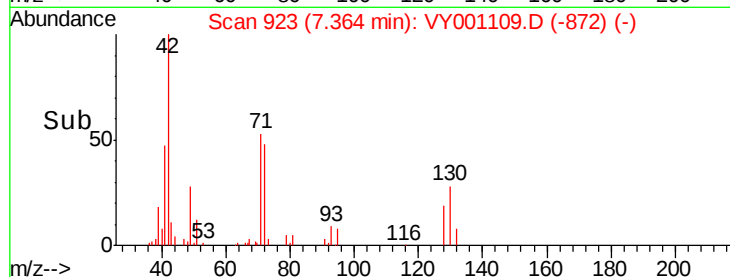
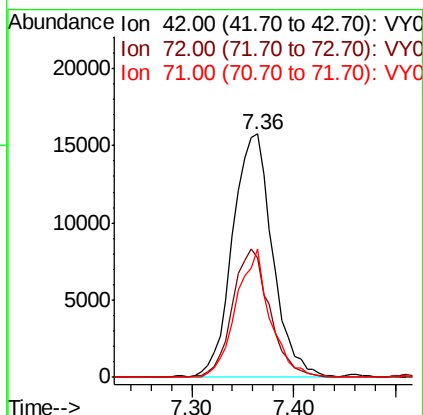
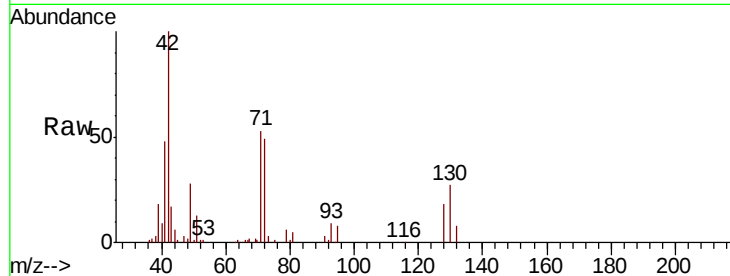
#29
Tetrahydrofuran
Concen: 52.485 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	37.7	56.5
71	44.7	34.6	51.8

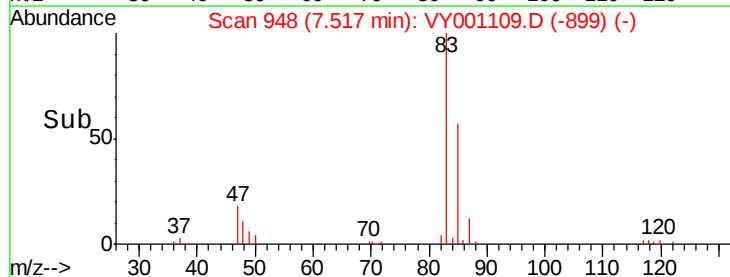
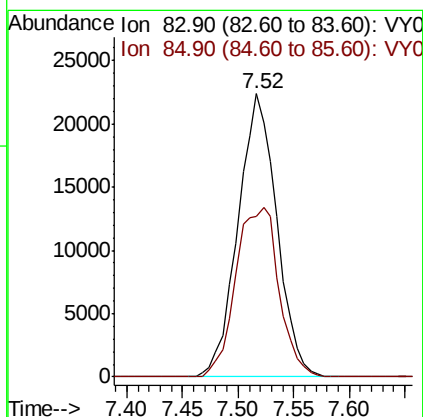
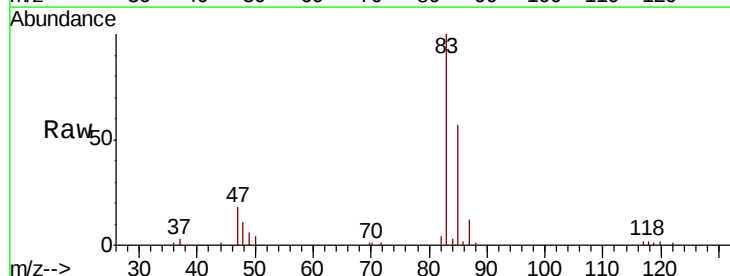
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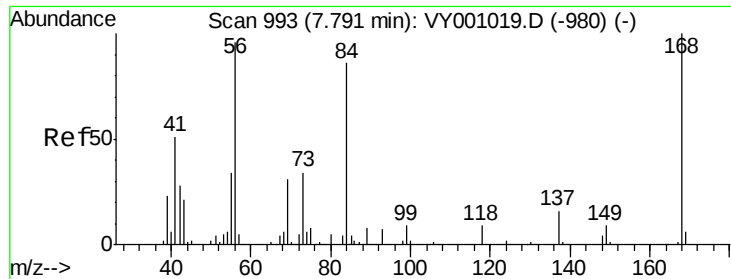
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#30
Chloroform
Concen: 9.539 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.7	51.6	77.4





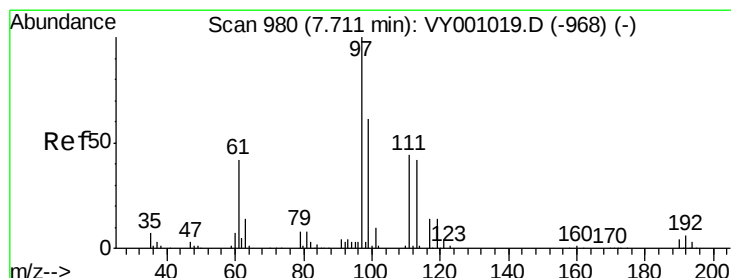
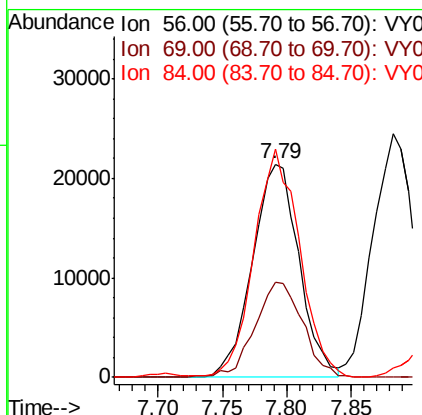
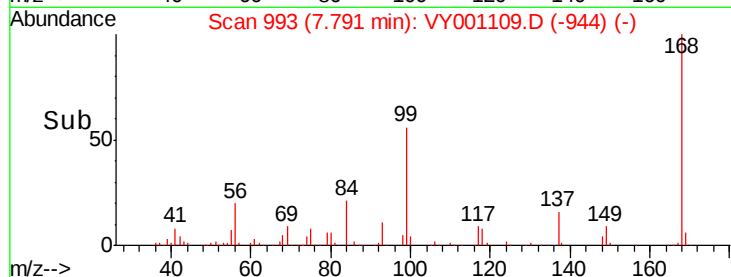
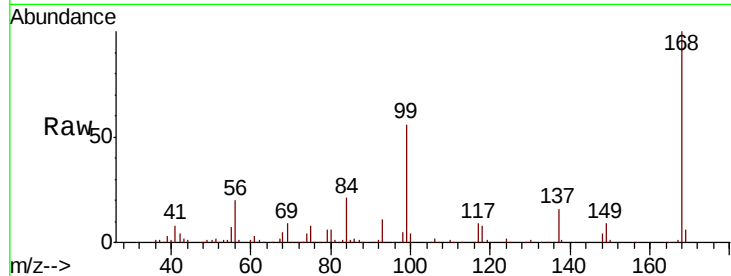
#31
Cyclohexane
Concen: 8.536 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	56	69	84
Resp	53777		
Ratio	100	44.7	106.5
Lower		26.1	71.8
Upper		39.1#	107.8

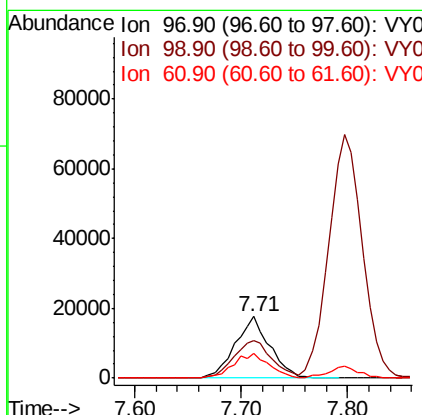
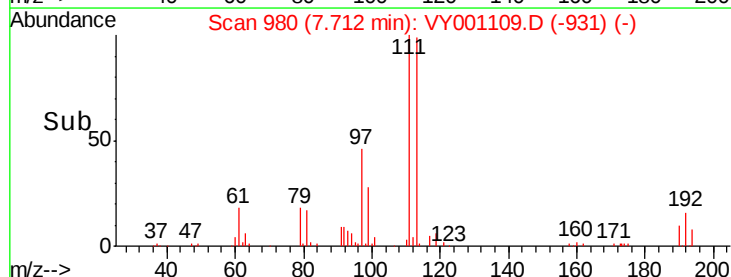
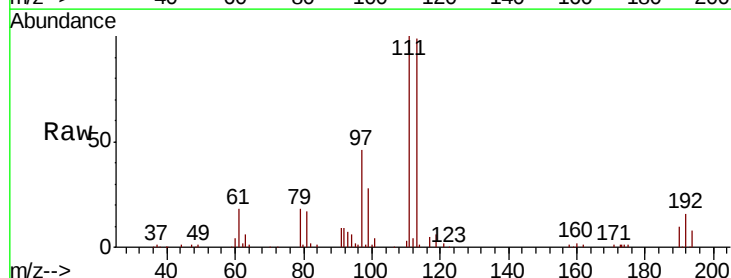
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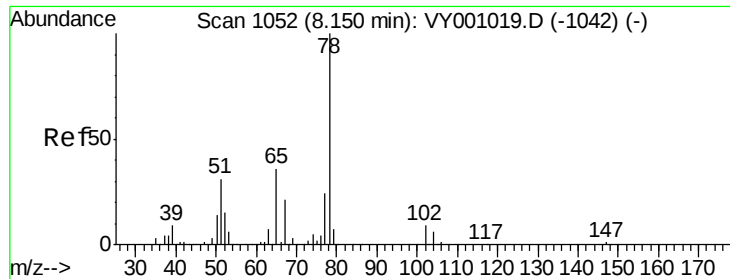
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#32
1,1,1-Trichloroethane
Concen: 8.270 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	97	99	61
Resp	39965		
Ratio	100	68.0	41.7
Lower		50.6	33.0
Upper		76.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 65 Resp: 150624

Ion Ratio Lower Upper

65 100

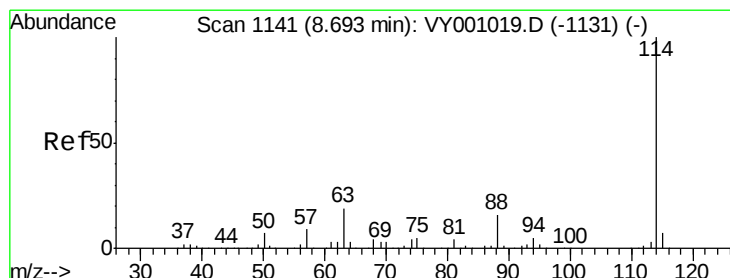
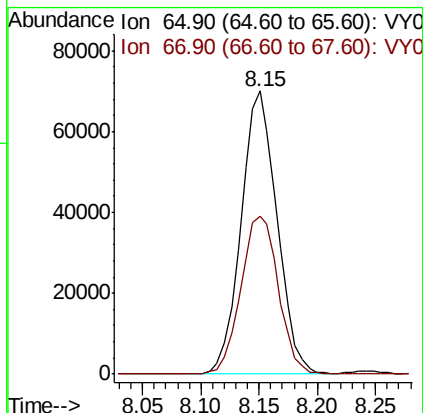
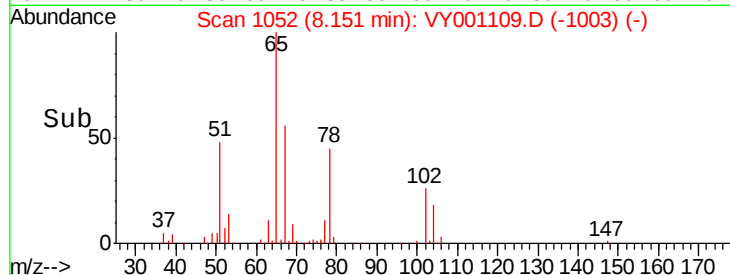
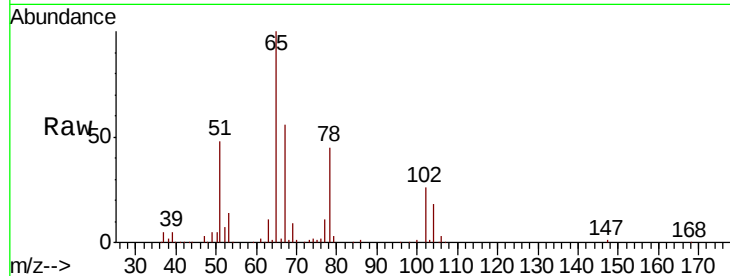
67 58.3 0.0 112.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

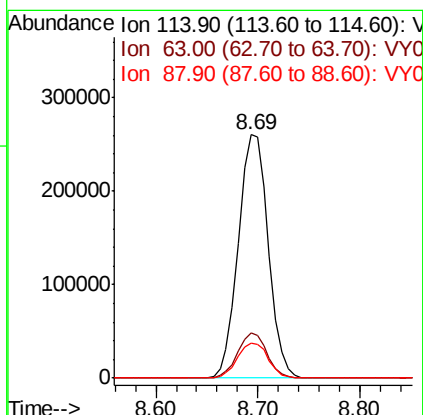
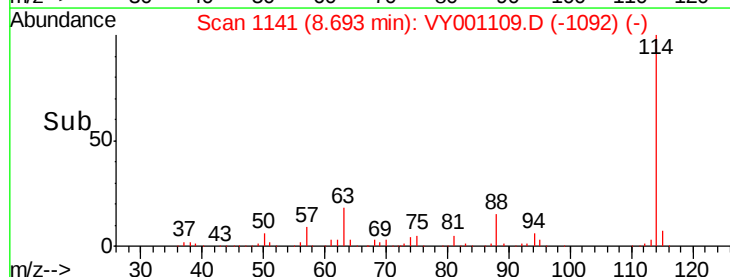
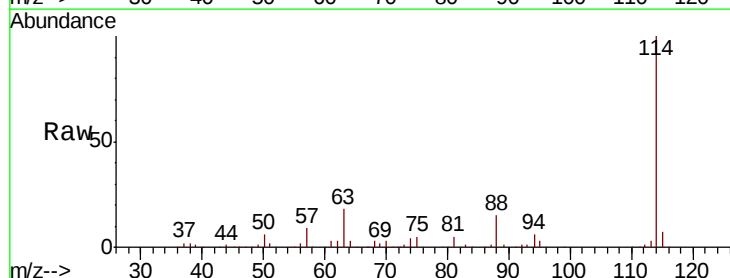
Tgt Ion: 114 Resp: 529388

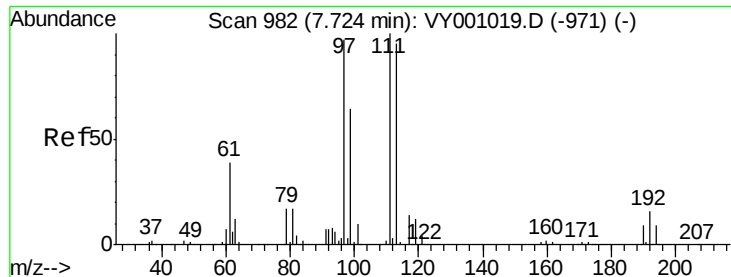
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

88 14.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.383 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

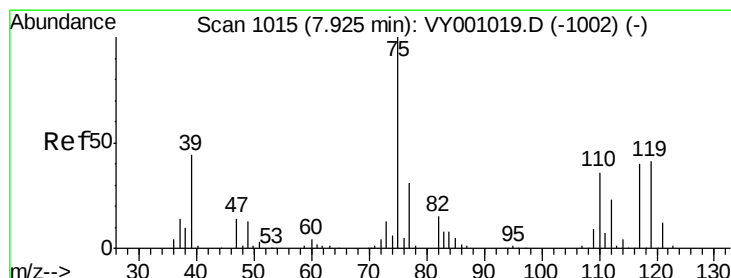
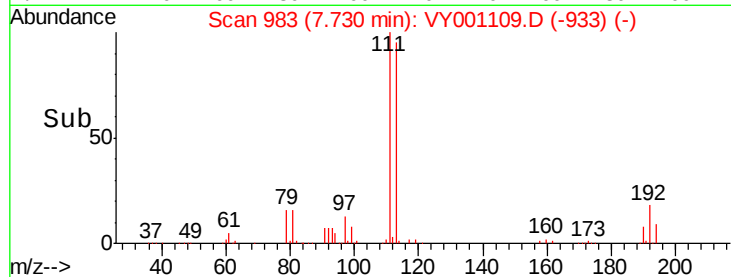
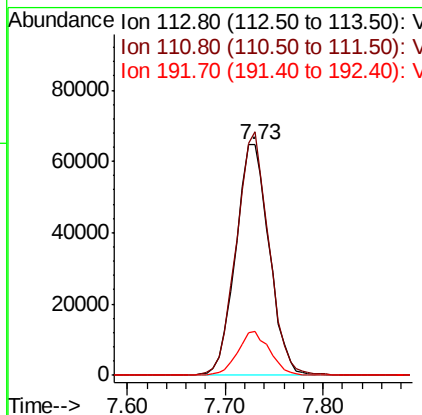
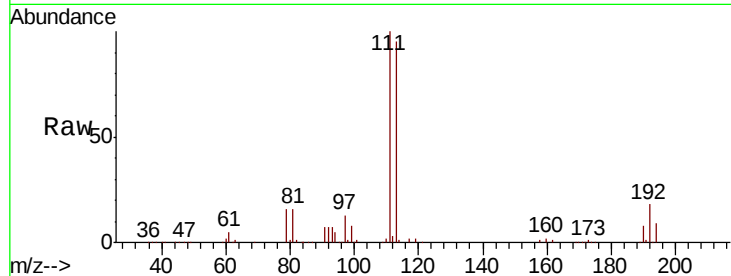
ClientSampleId :

DUNR-BF001-01

Tot Ion:	113	Resp:	153944
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.0	124.4
192	18.1	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 7.997 ug/l

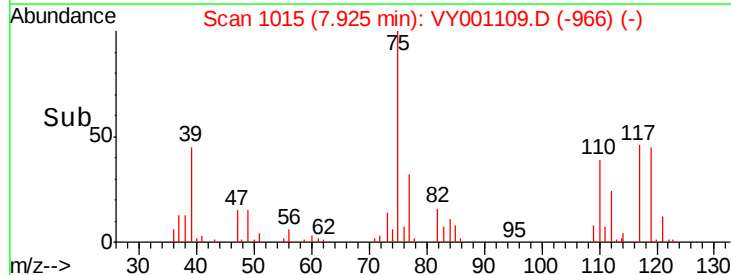
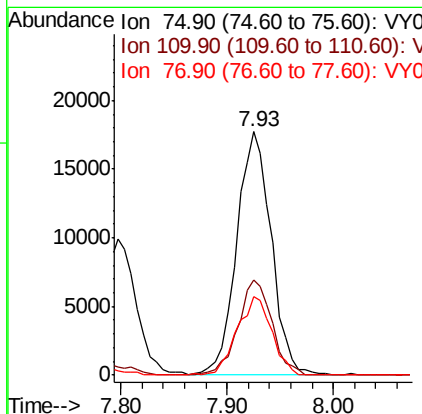
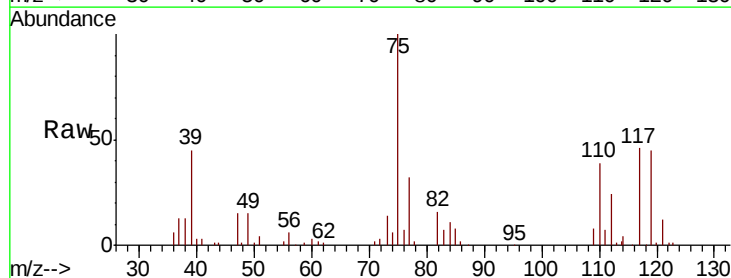
RT: 7.93 min Scan# 1015

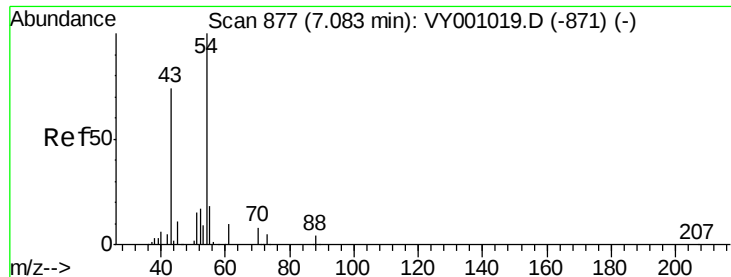
Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Tgt Ion:	75	Resp:	40385
Ion Ratio	Lower	Upper	
75	100		
110	38.4	18.1	54.4
77	32.1	24.6	37.0





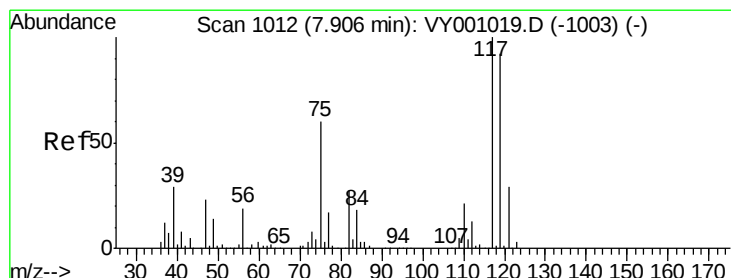
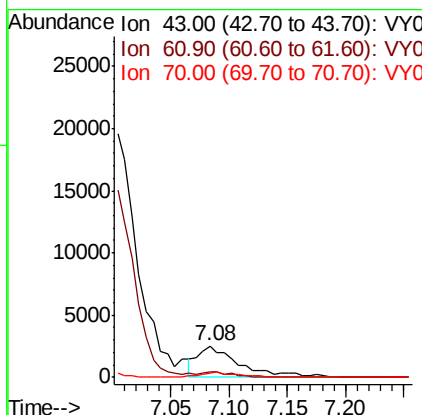
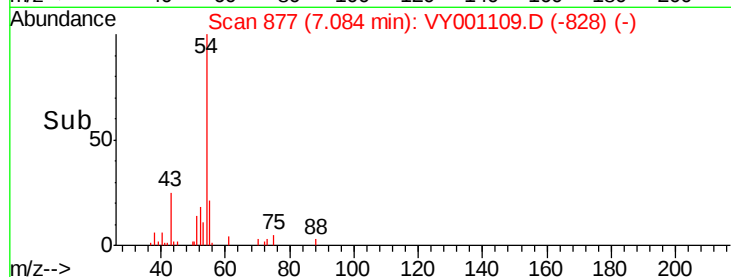
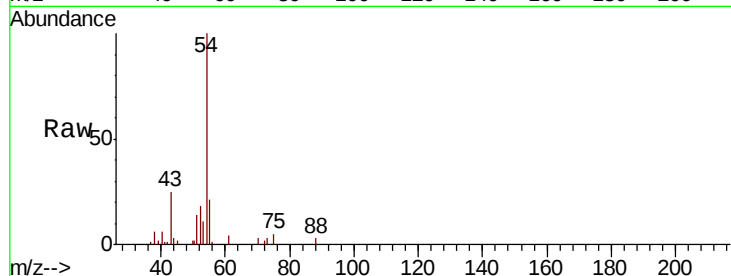
#37
Ethyl Acetate
Concen: 2.266 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.5	18.7#
70	13.0	9.0	13.4

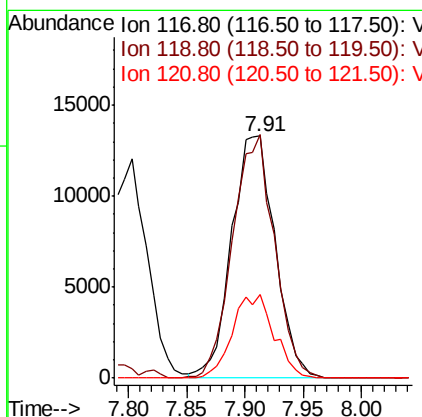
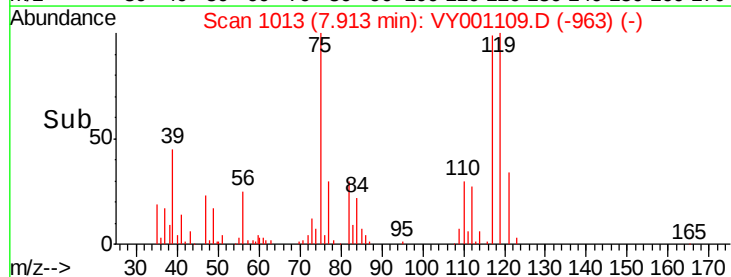
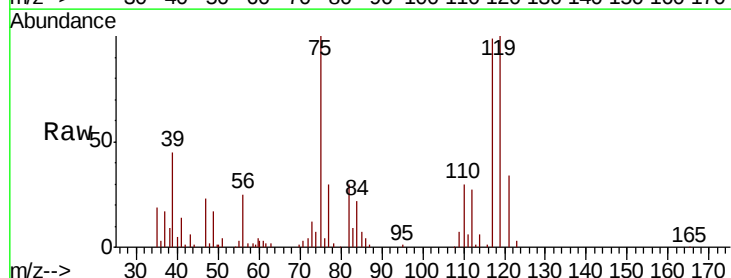
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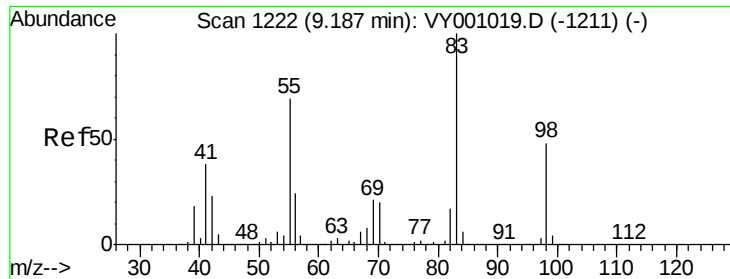
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#38
Carbon Tetrachloride
Concen: 7.807 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.2	111.2
121	34.7	22.9	34.3#





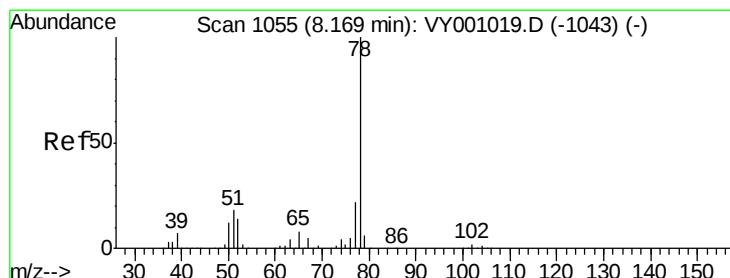
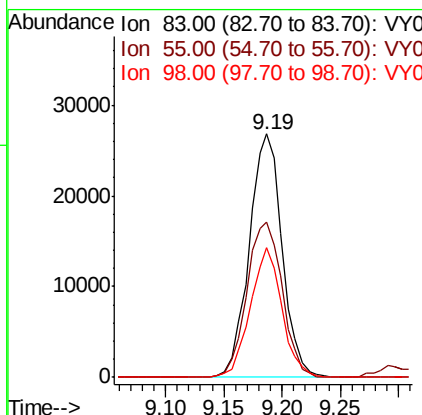
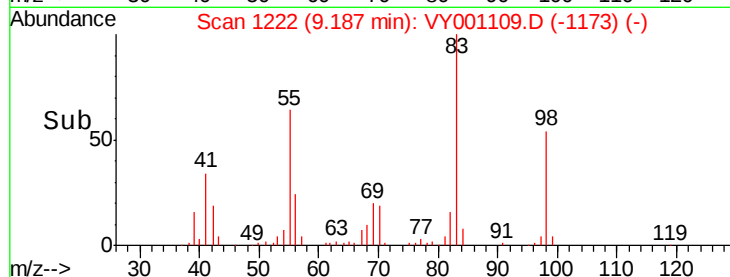
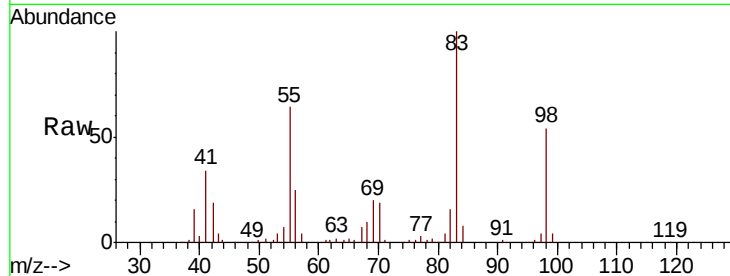
#39
Methvlcvclohexane
Concen: 7.863 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.9	55.1	82.7
98	53.5	38.3	57.5

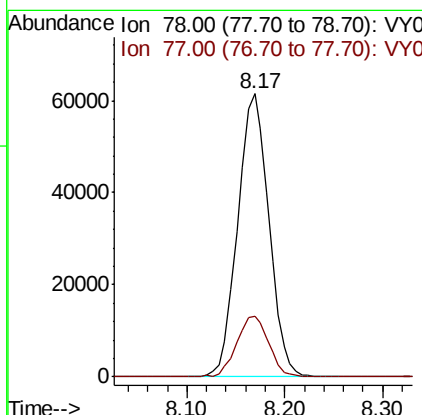
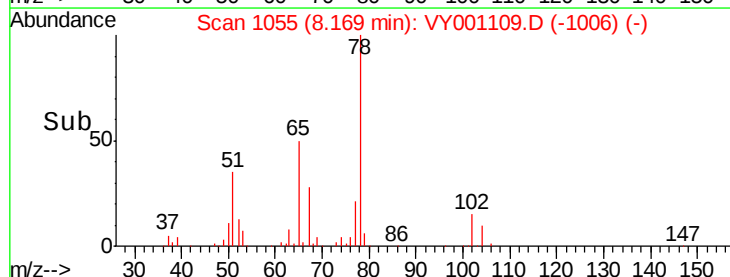
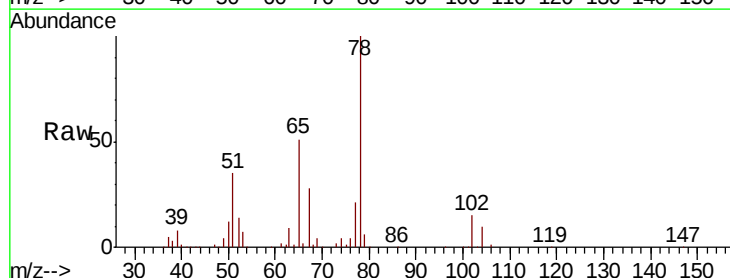
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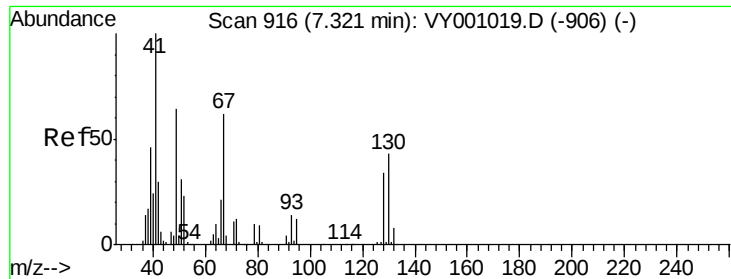
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#40
Benzene
Concen: 8.928 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.3	17.7	26.5





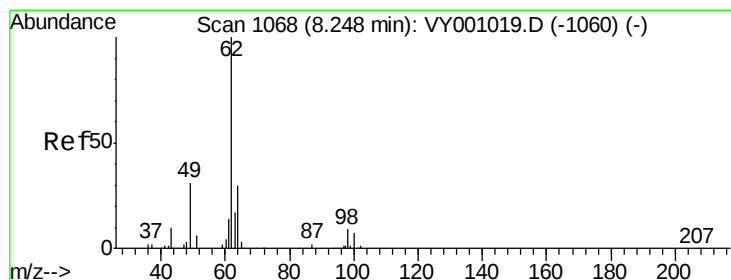
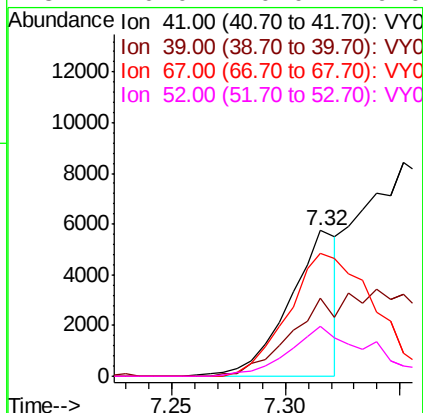
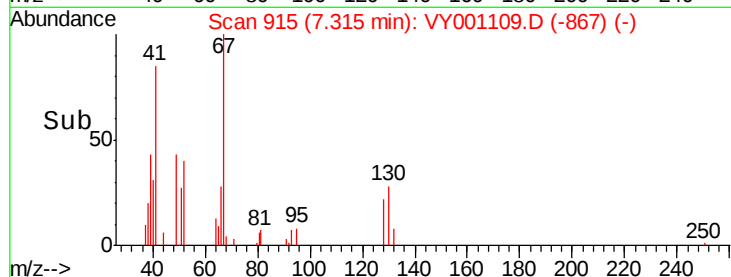
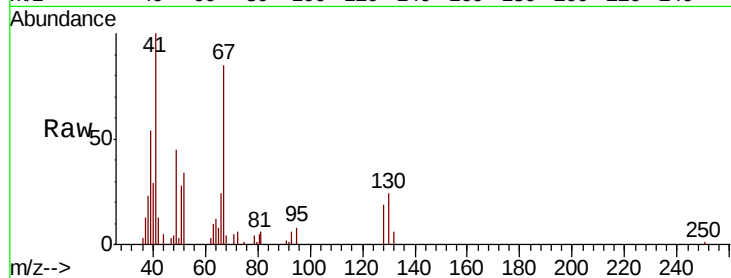
#41
Methacrylonitrile
Concen: 7.087 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
41	100		
39	176.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

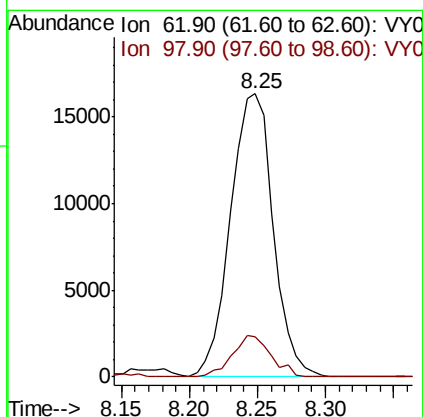
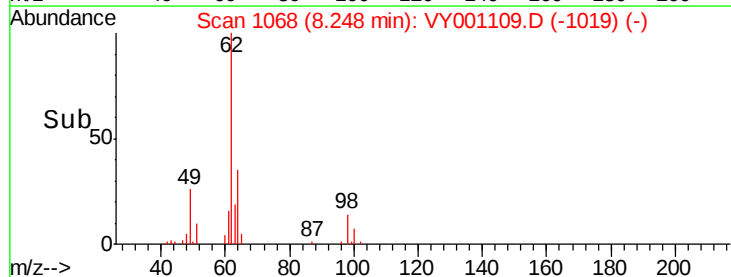
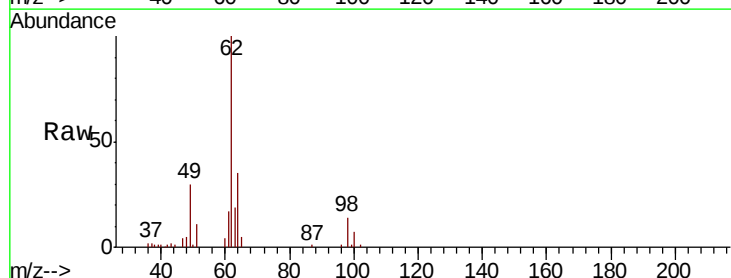
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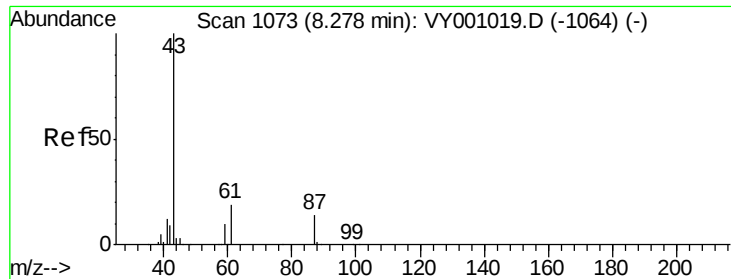
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#42
1,2-Dichloroethane
Concen: 9.819 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.2	0.0	23.4





#43

Isopropyl Acetate

Concen: 3.663 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

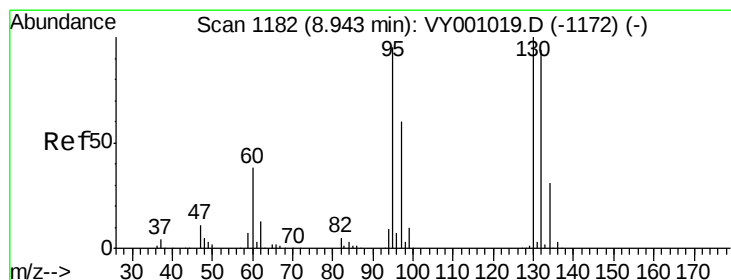
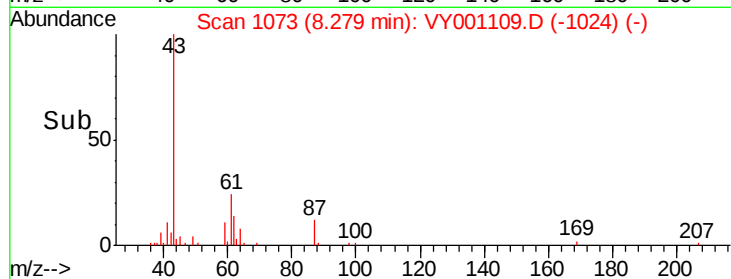
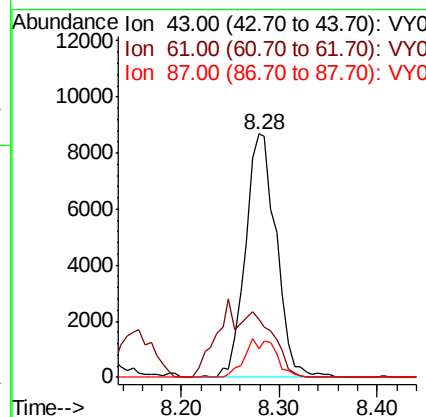
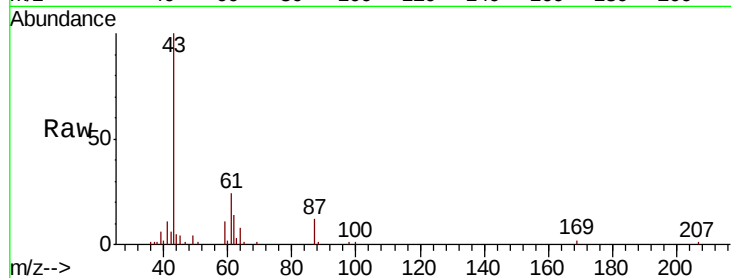
ClientSampleId :

DUNR-BF001-01

Tot Ion:	43	Resp:	18962
Ion Ratio	Lower	Upper	
43	100		
61	0.0	25.0	37.6#
87	15.9	12.0	18.0

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#44

Trichloroethene

Concen: 8.709 ug/l

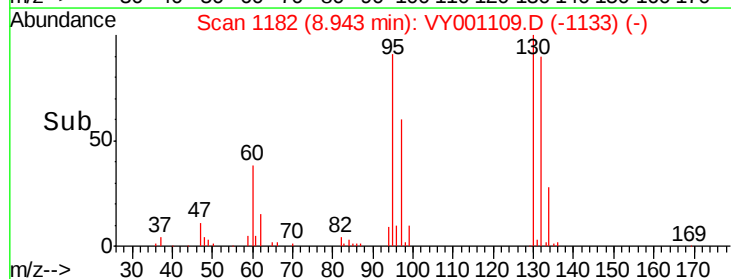
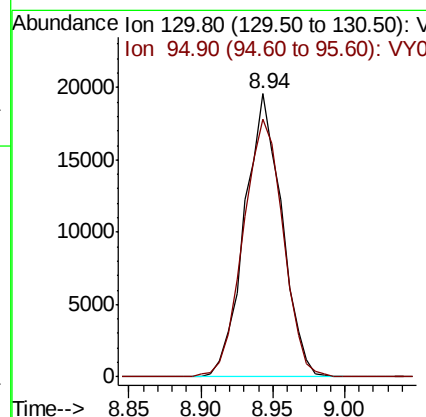
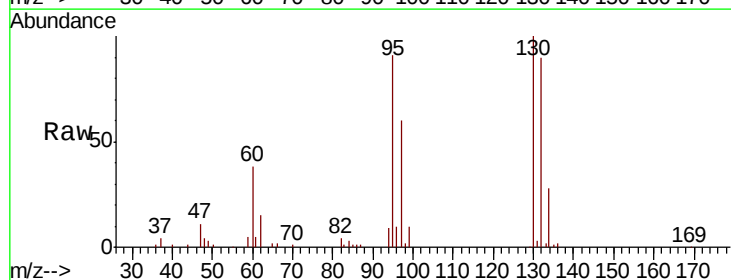
RT: 8.94 min Scan# 1182

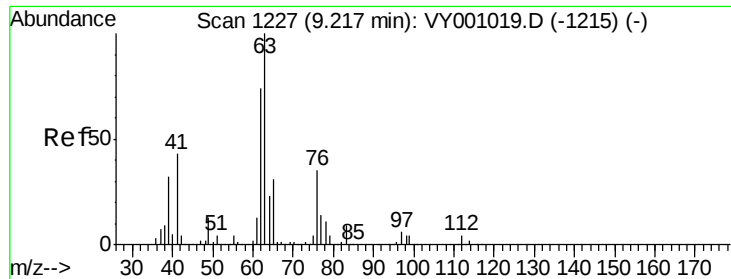
Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Tgt Ion:	130	Resp:	34963
Ion Ratio	Lower	Upper	
130	100		
95	90.9	0.0	190.6





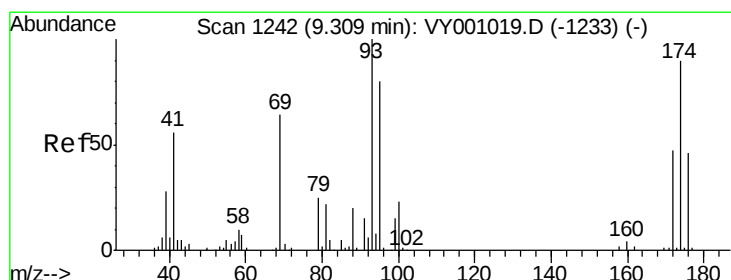
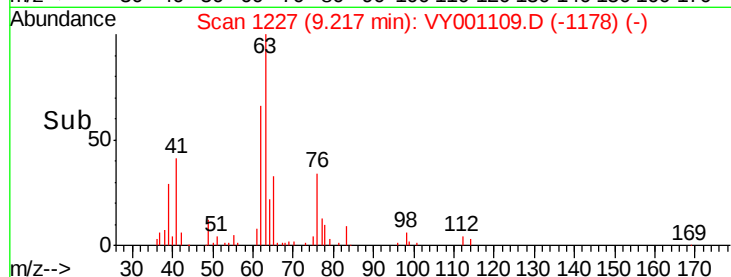
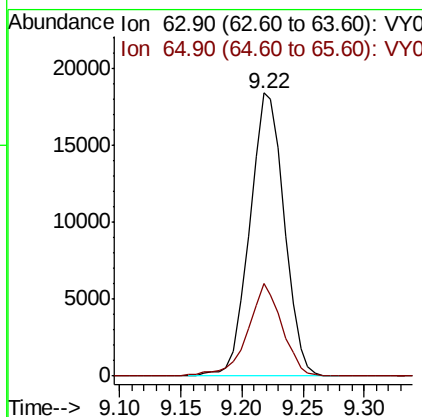
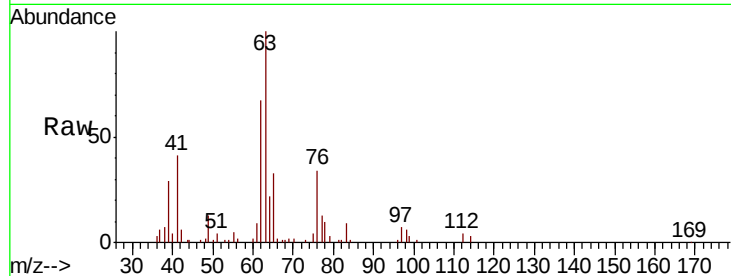
#45
 1,2-Dichloropropane
 Concen: 9.487 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion: 63 Resp: 36263
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.1 37.7

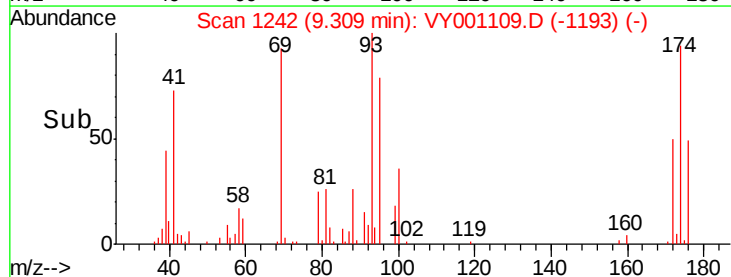
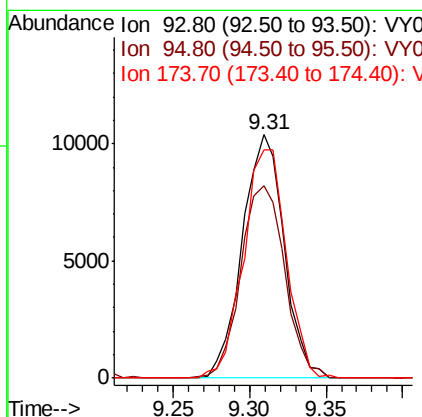
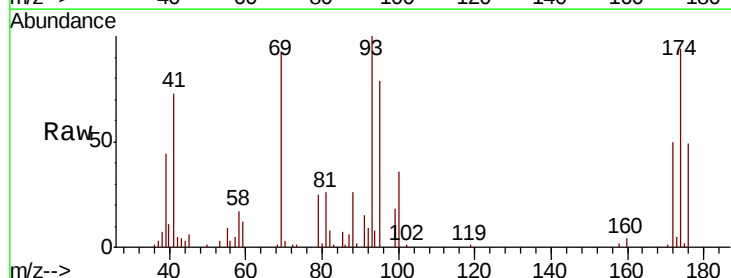
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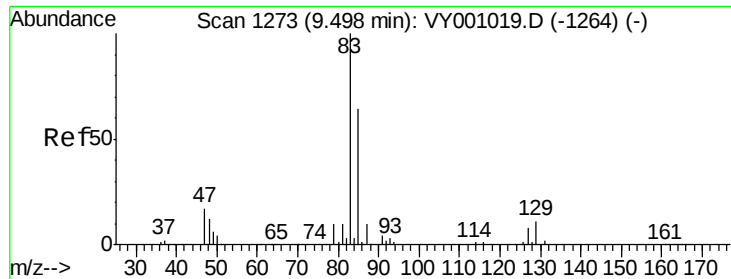
apatel
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#46
 Dibromomethane
 Concen: 10.001 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion: 93 Resp: 19706
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 96.1 73.6 110.4





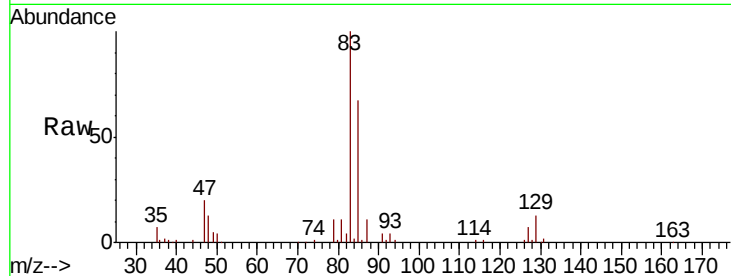
#47
Bromodichloromethane
Concen: 8.931 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	83	Resp	40762
Ion Ratio	100	Lower	Upper
83	100		
85	67.3	50.9	76.3
127	7.2	6.4	9.6

Manual Integrations
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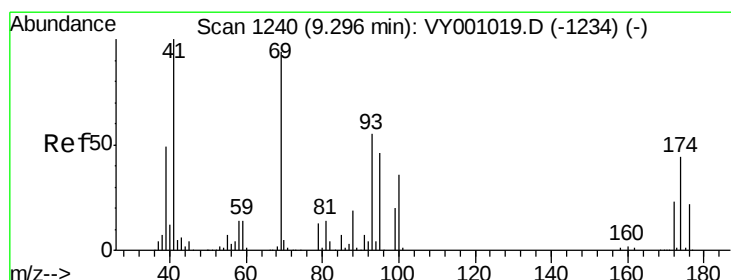
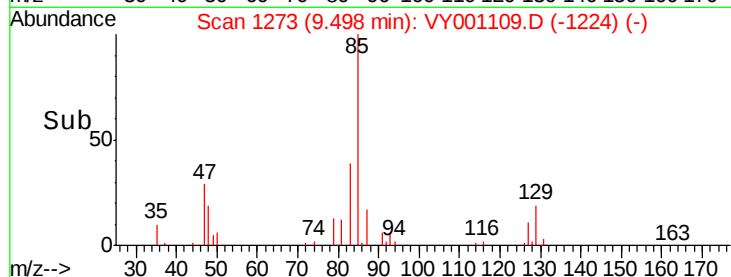
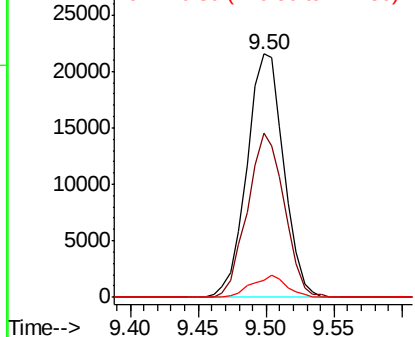


Abundance

Ion 82.90 (82.60 to 83.60): VY0

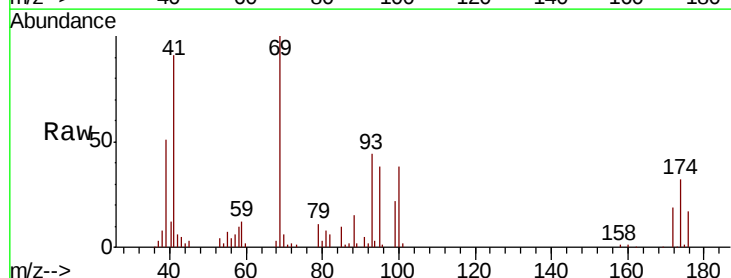
Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48
Methyl methacrylate
Concen: 12.064 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	41	Resp	26651
Ion Ratio	100	Lower	Upper
41	100		
69	113.2	79.8	119.6
39	50.4	41.7	62.5

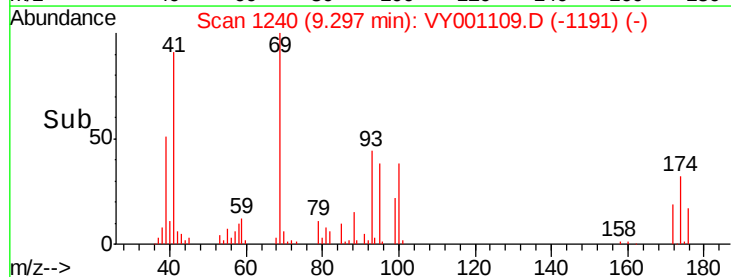
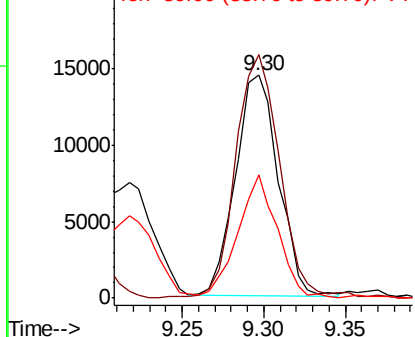


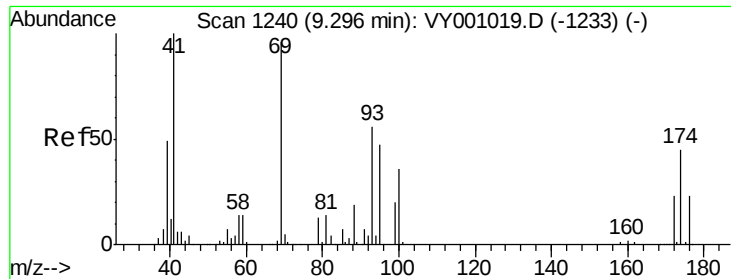
Abundance

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





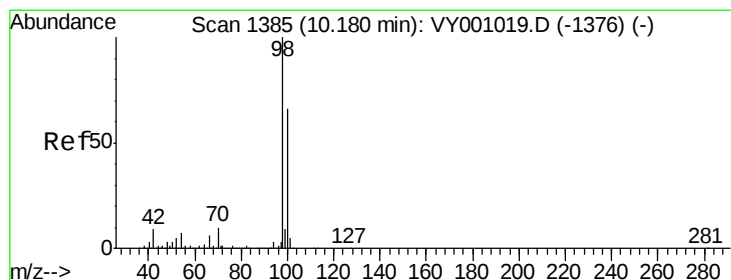
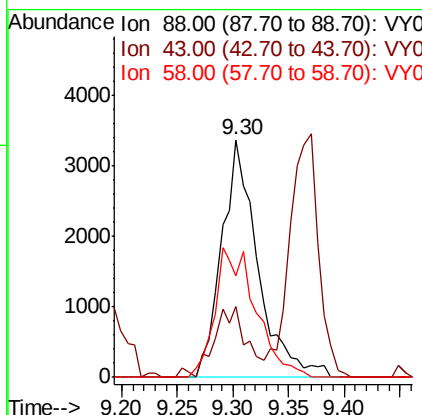
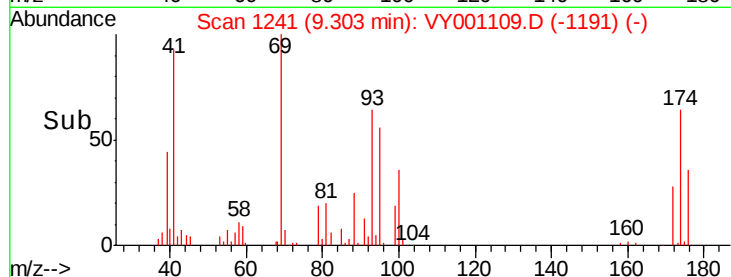
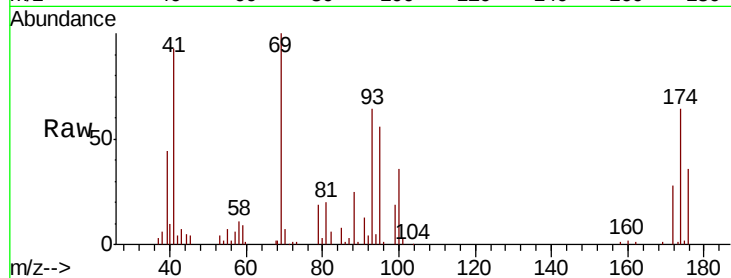
#49
1,4-Dioxane
Concen: 263.336 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.0	34.4
58	61.4	54.9	82.3

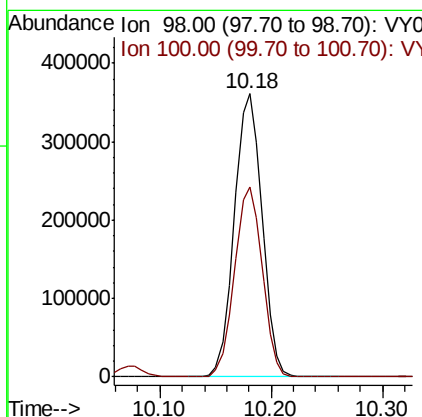
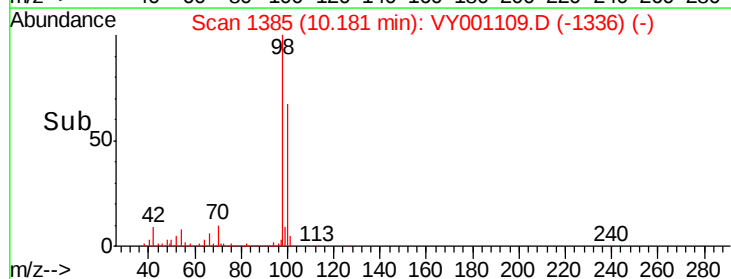
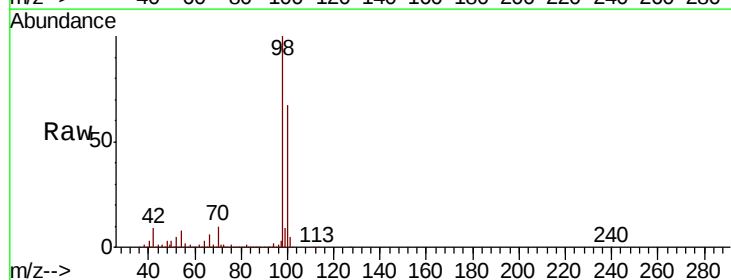
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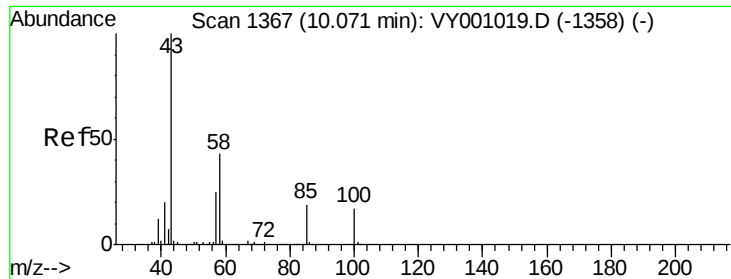
apatel
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#50
Toluene-d8
Concen: 51.095 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4





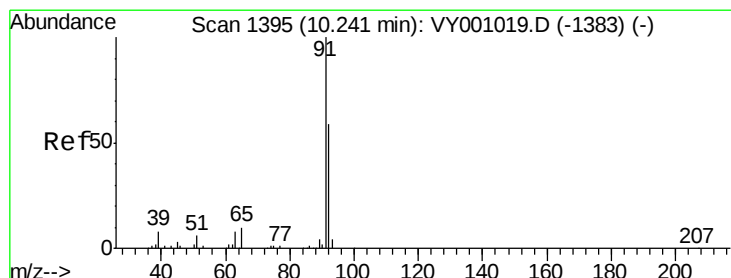
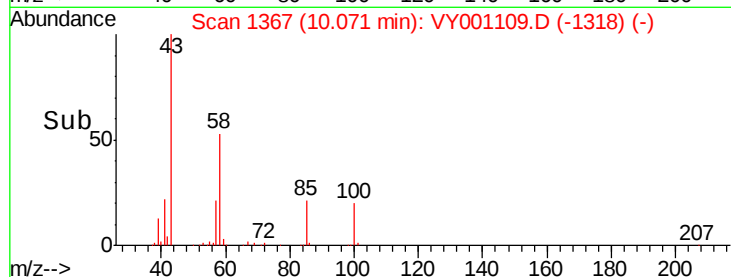
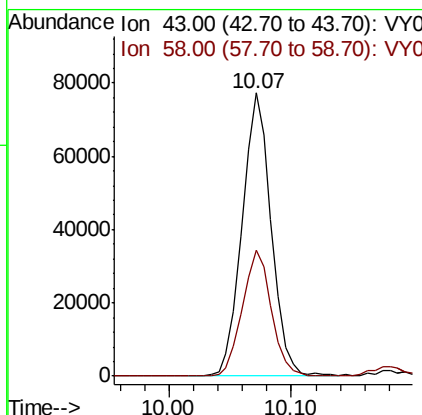
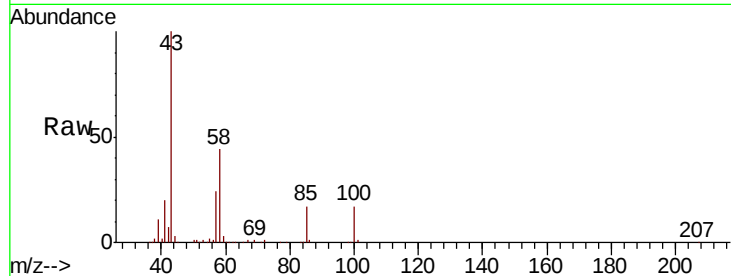
#51
4-Methyl-2-Pentanone
Concen: 47.130 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion: 43 Resp: 127164
Ion Ratio Lower Upper
43 100
58 44.5 34.6 52.0

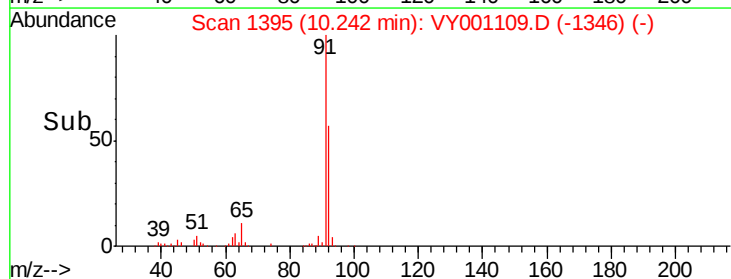
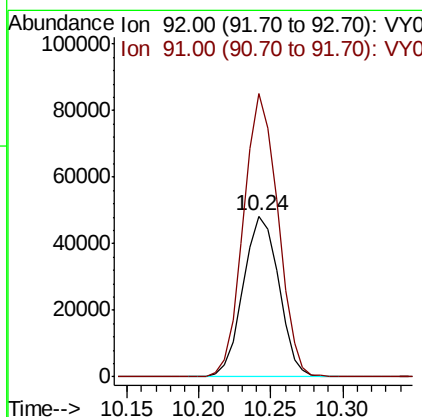
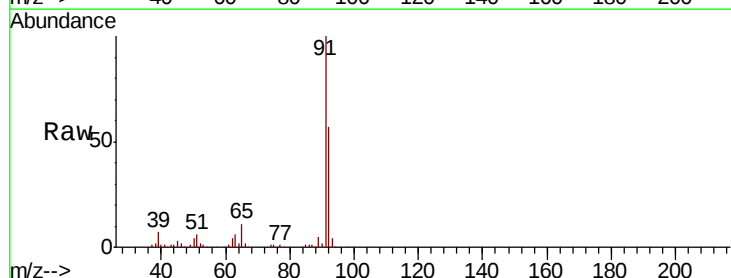
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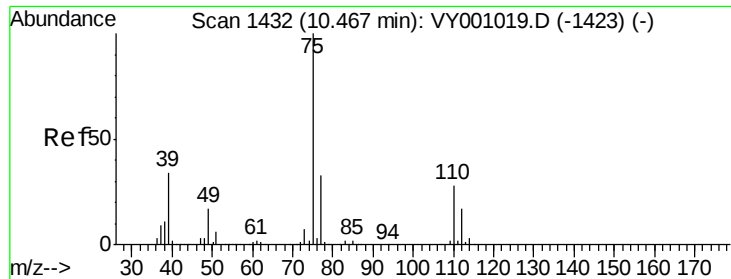
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#52
Toluene
Concen: 8.820 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion: 92 Resp: 82708
Ion Ratio Lower Upper
92 100
91 170.5 135.7 203.5





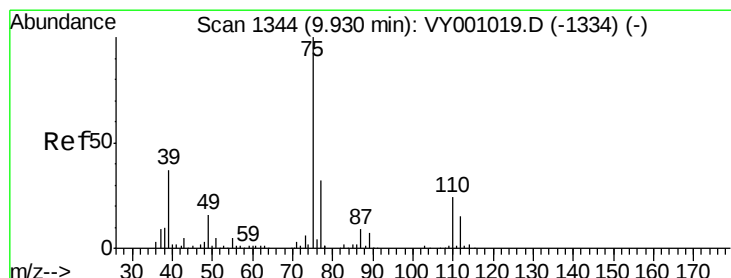
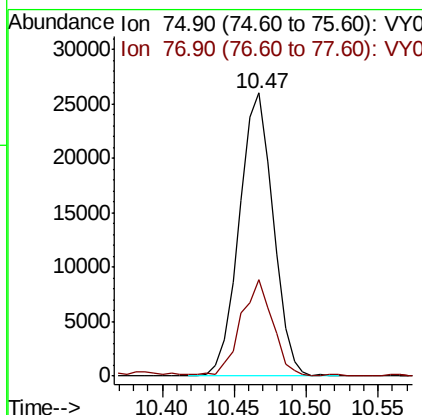
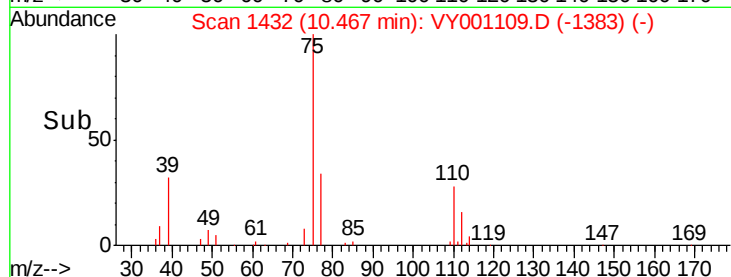
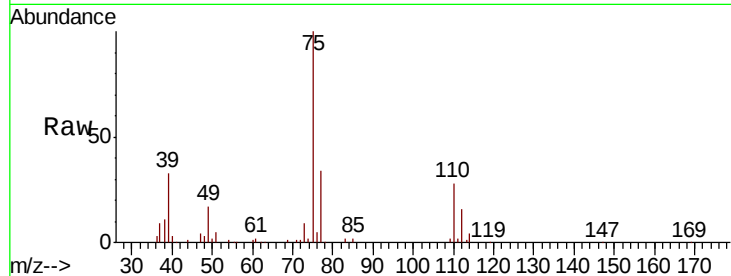
#53
t-1,3-Dichloropropene
Concen: 8.575 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion: 75 Resp: 42472
Ion Ratio Lower Upper
75 100
77 33.7 26.5 39.7

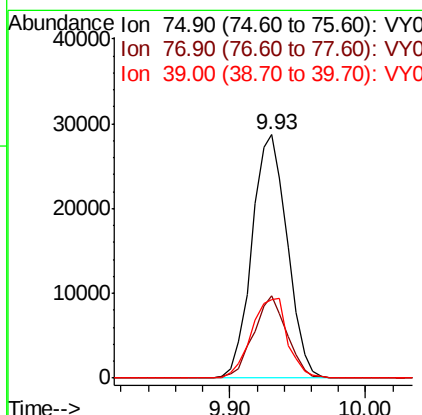
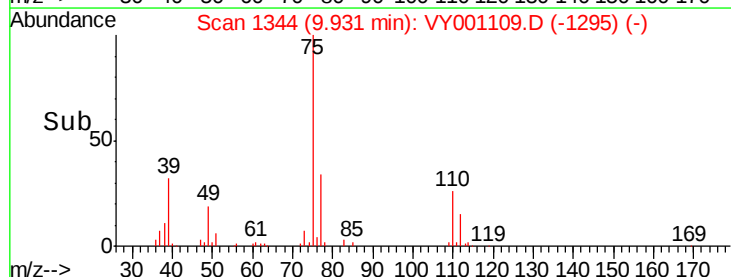
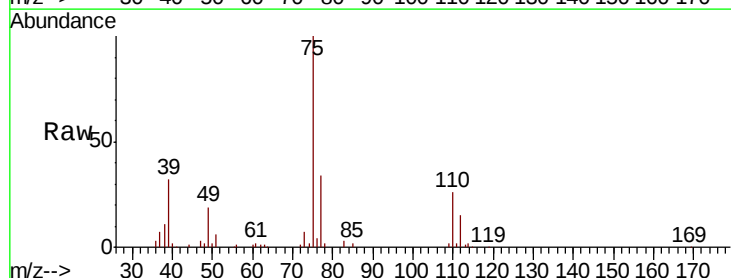
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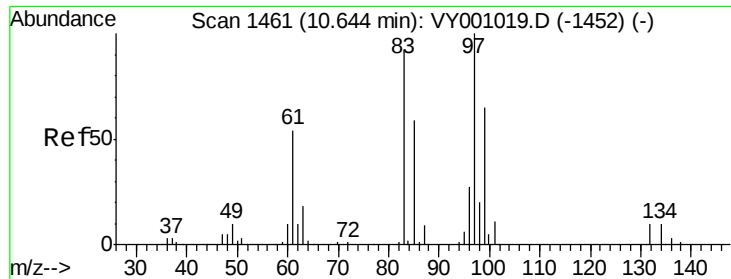
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#54
cis-1,3-Dichloropropene
Concen: 8.750 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion: 75 Resp: 52115
Ion Ratio Lower Upper
75 100
77 34.0 25.2 37.8
39 32.0 29.5 44.3





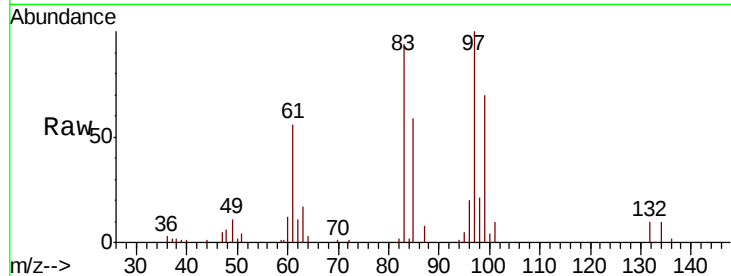
#55
 1,1,2-Trichloroethane
 Concen: 9.967 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion:	97	Resp:	29318
Ion	Ratio	Lower	Upper
97	100		
83	94.0	73.7	110.5
85	59.1	47.3	70.9
99	70.2	51.9	77.9

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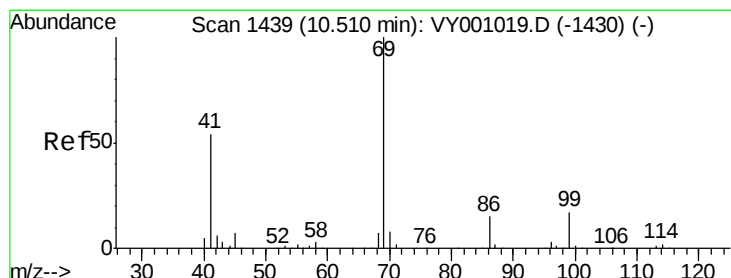
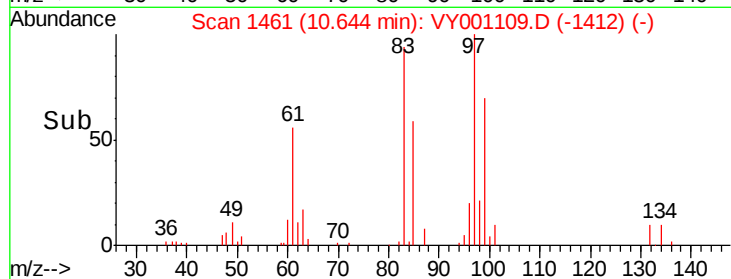
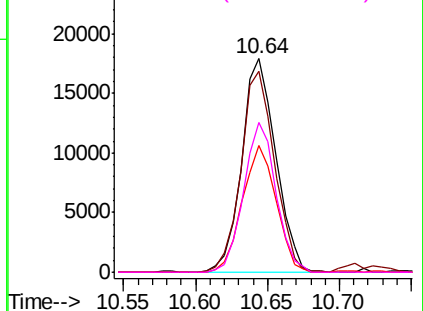
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

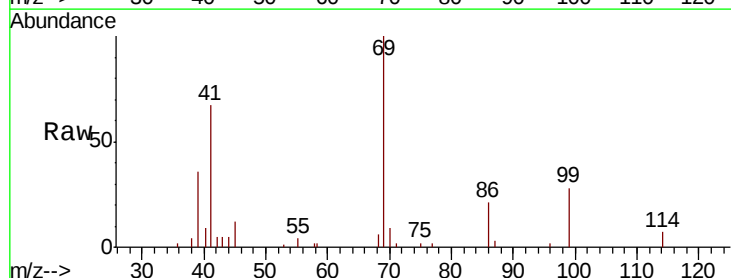
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 2.014 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion:	69	Resp:	8431
Ion	Ratio	Lower	Upper
69	100		
41	59.2	44.7	67.1
39	32.3	22.2	33.4

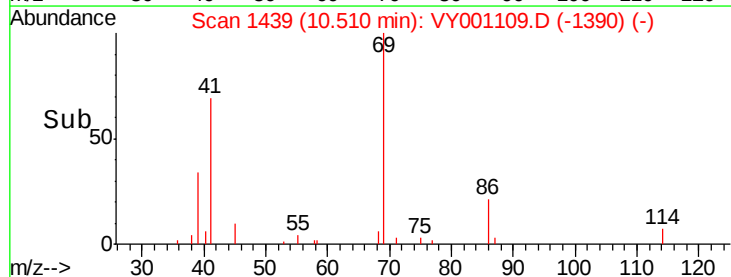
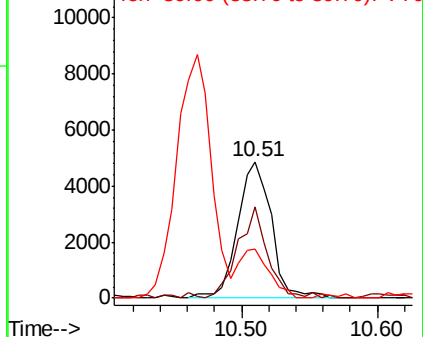


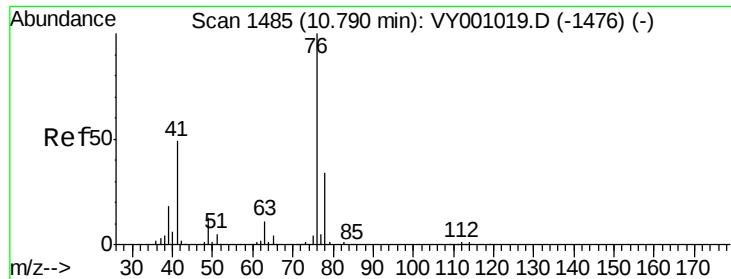
Abundance

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: 10.127 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 76 Resp: 52214

Ion Ratio Lower Upper

76 100

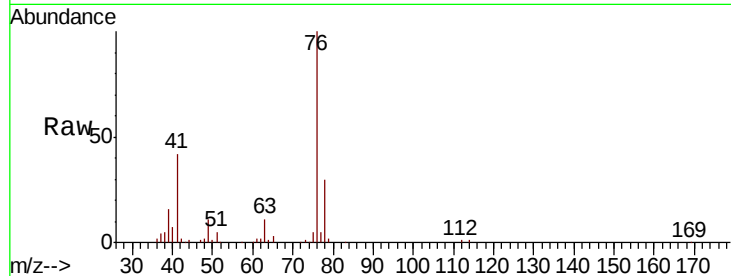
78 29.6 25.8 38.8

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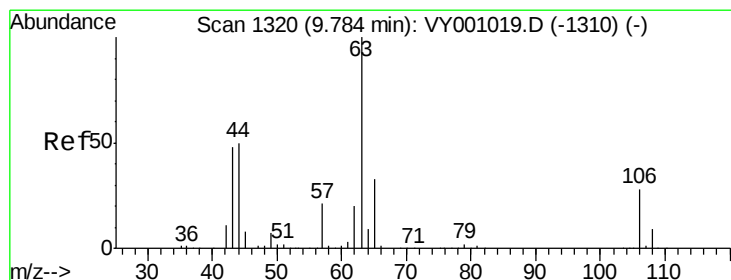
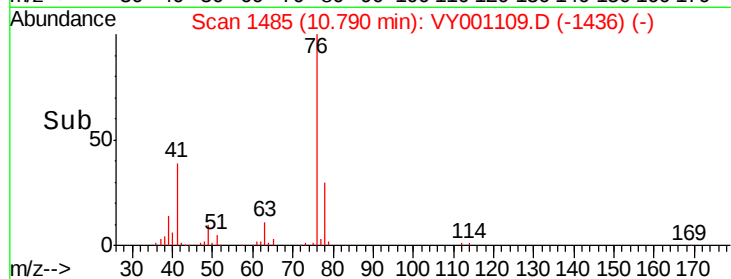
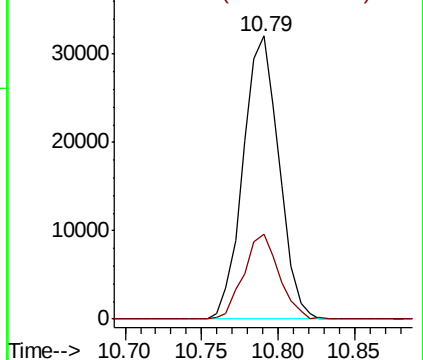
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 41.027 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001109.D

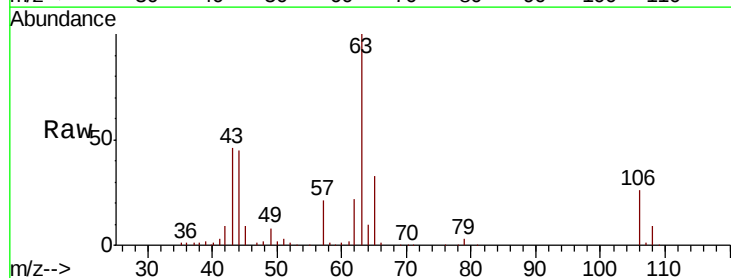
Acq: 27 Dec 2019 19:25

Tgt Ion: 63 Resp: 66338

Ion Ratio Lower Upper

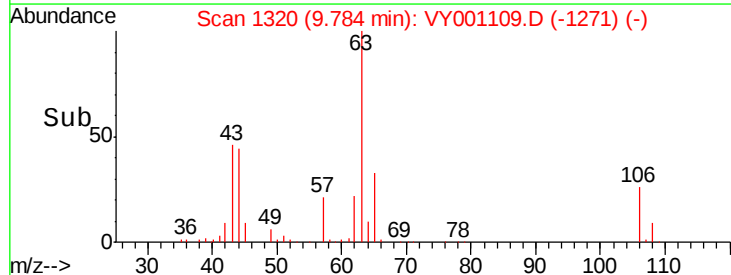
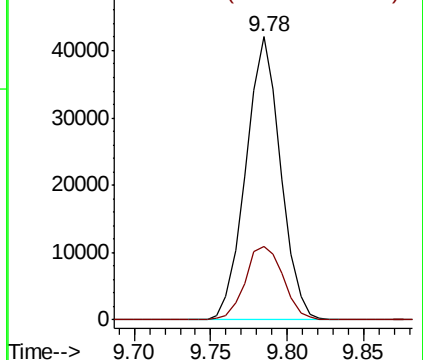
63 100

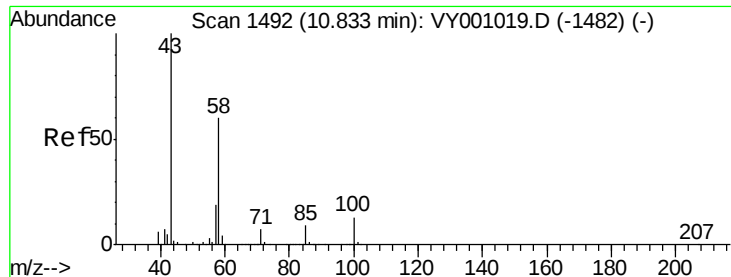
106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





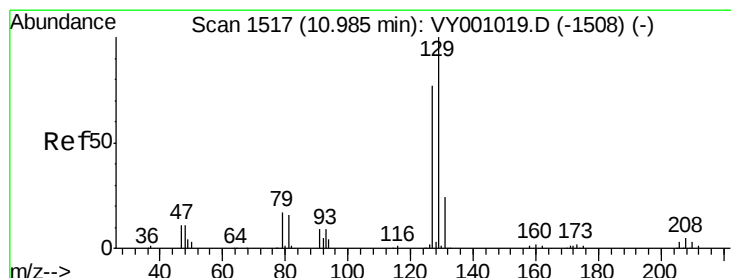
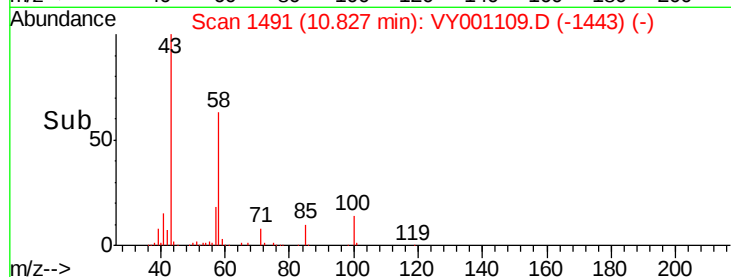
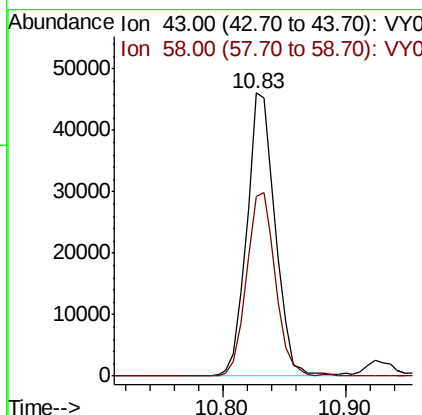
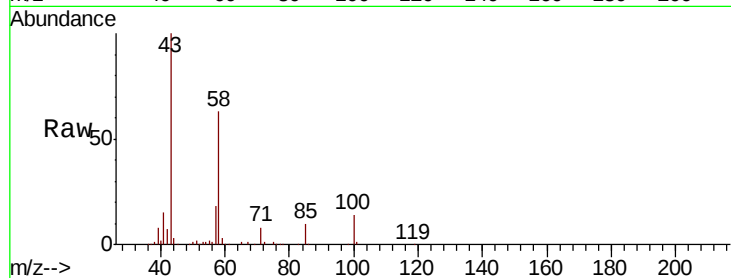
#59
2-Hexanone
Concen: 39.987 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion: 43 Resp: 74654
Ion Ratio Lower Upper
43 100
58 65.7 30.6 91.6

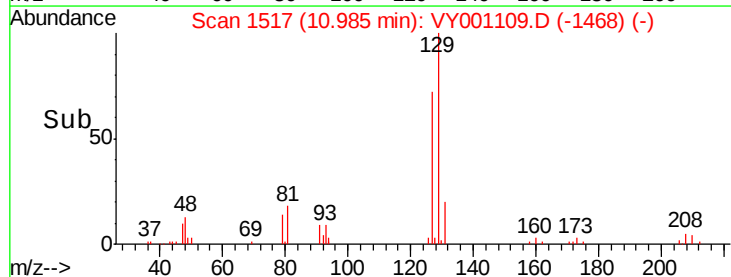
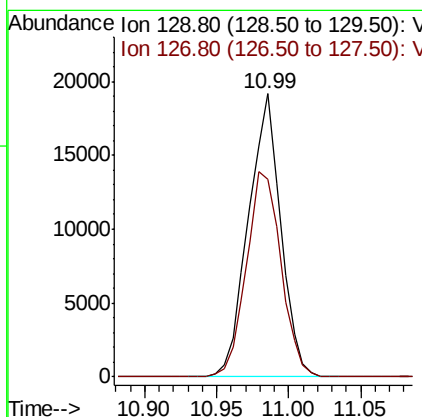
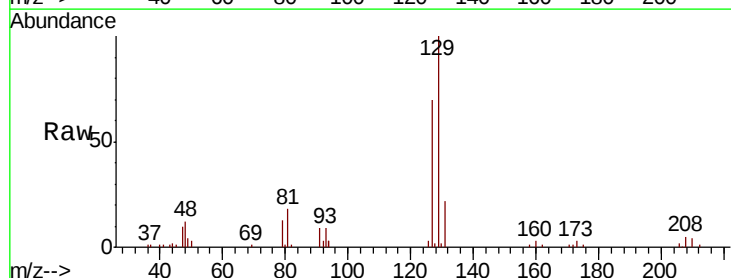
Manual Integrations
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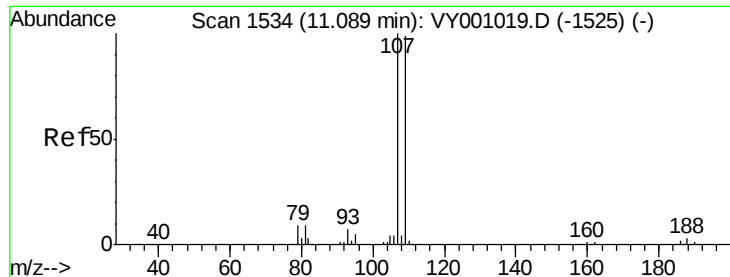
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#60
Dibromochloromethane
Concen: 9.467 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion: 129 Resp: 29745
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





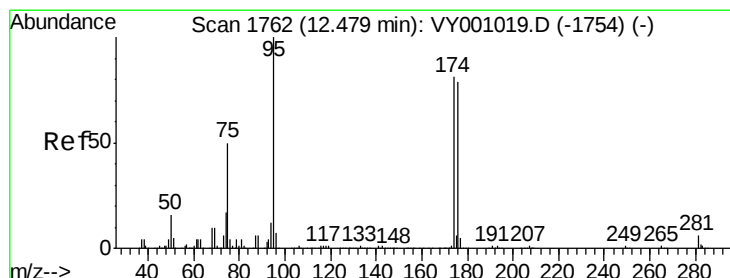
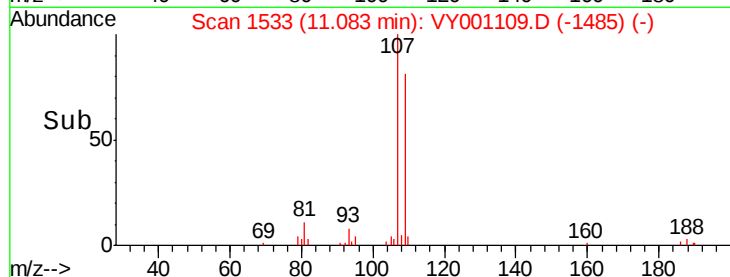
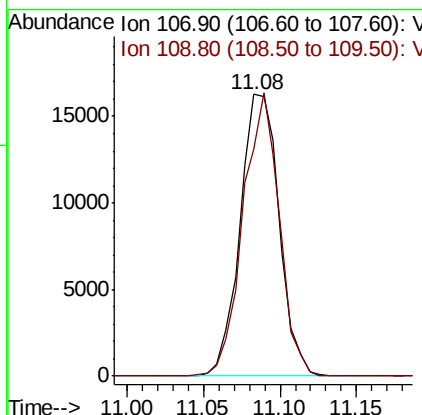
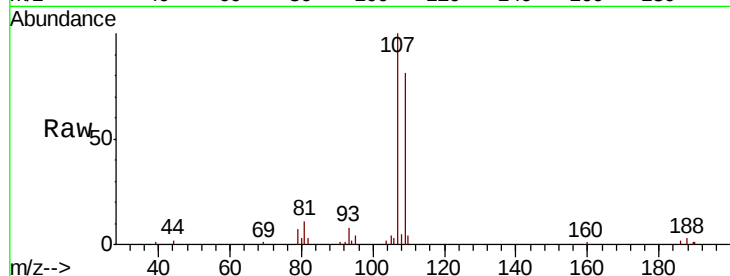
#61
 1,2-Dibromoethane
 Concen: 10.245 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.8	112.2

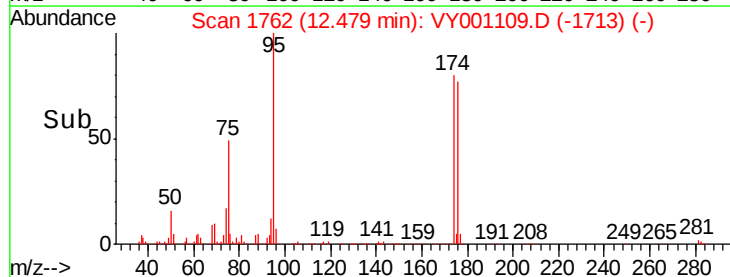
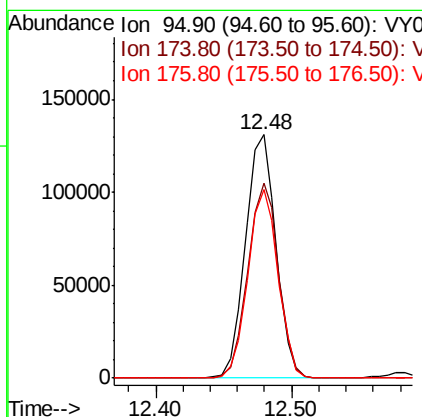
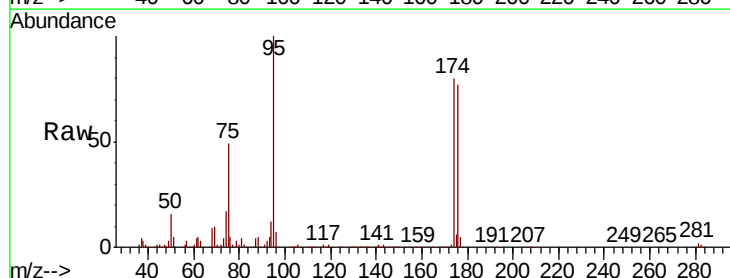
Manual Integrations
 APPROVED

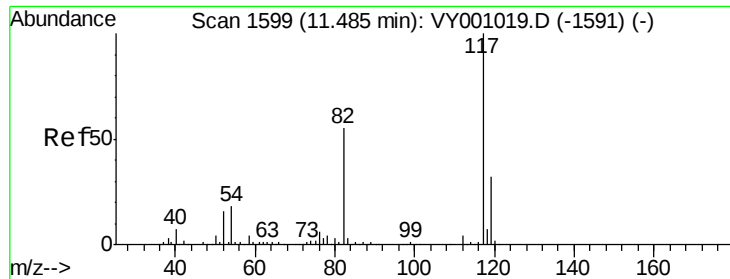
apatel
 12/30/2019 3:35:55 PM



#62
 4-Bromofluorobenzene
 Concen: 46.175 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	156.4
176	76.7	0.0	155.0





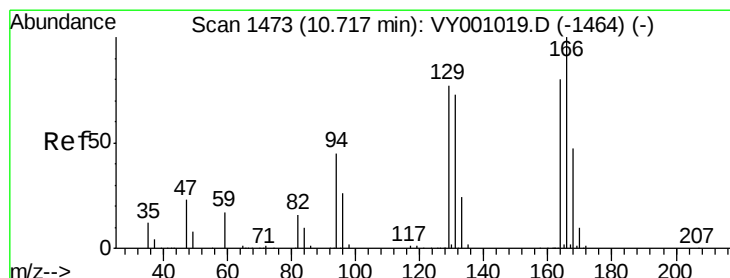
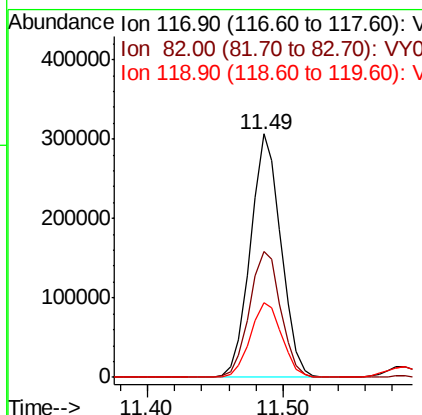
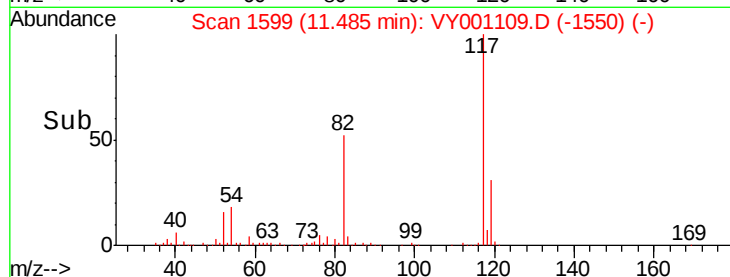
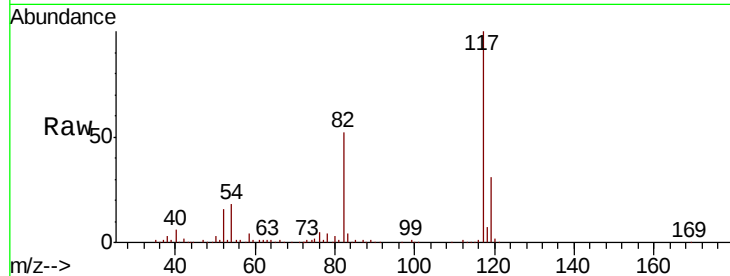
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	482448		
82	51.6	43.8	65.8	
119	30.7	25.8	38.6	

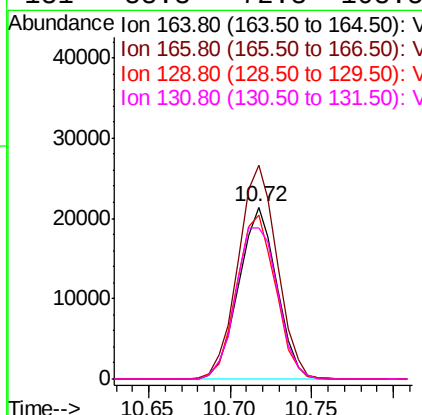
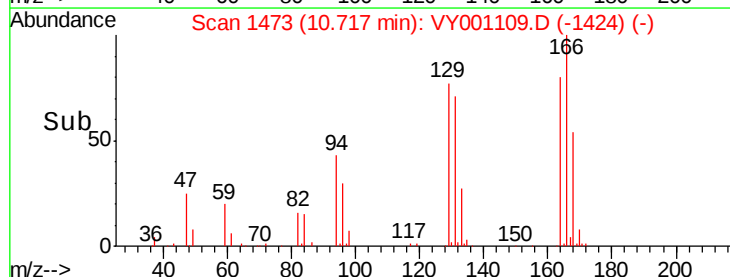
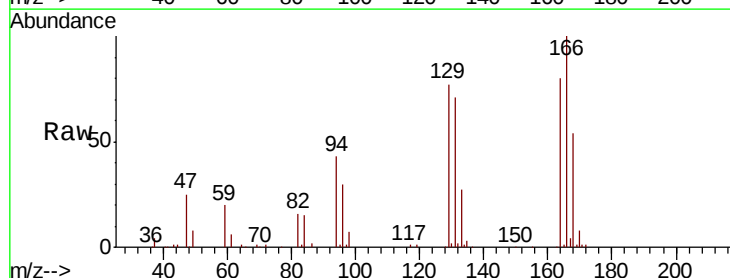
Manual Integrations
APPROVED

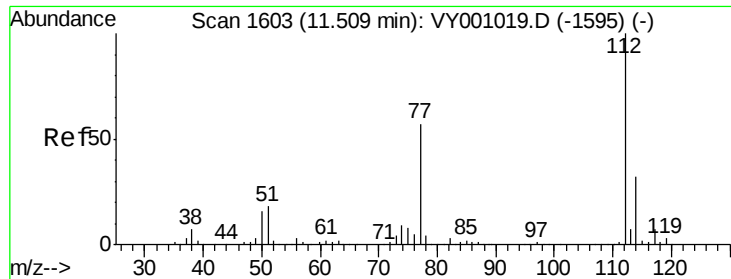
apatel
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#64
Tetrachloroethene
Concen: 8.247 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34426		
166	124.5	99.7	149.5	
129	95.7	76.9	115.3	
131	88.3	72.3	108.5	





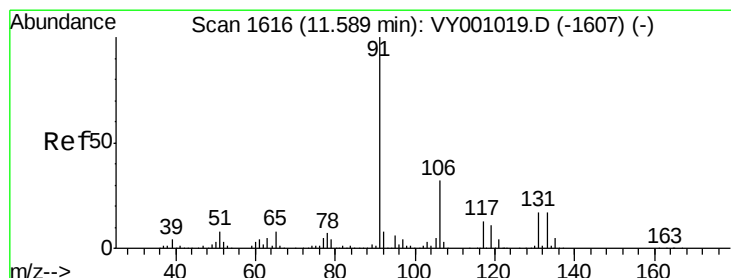
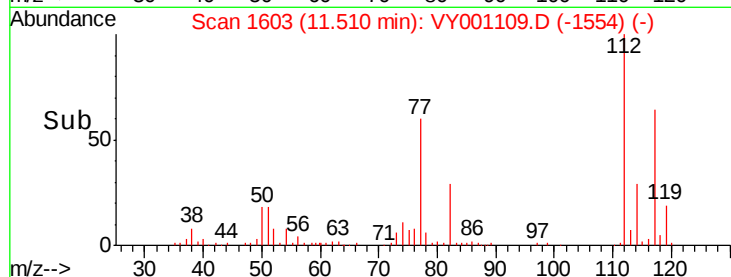
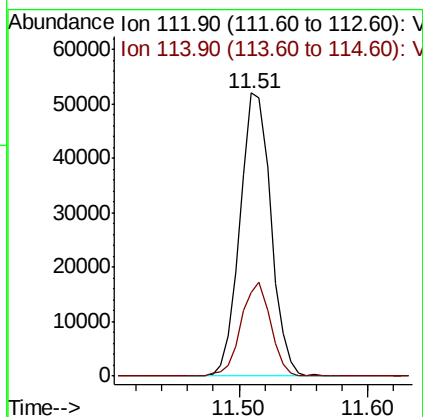
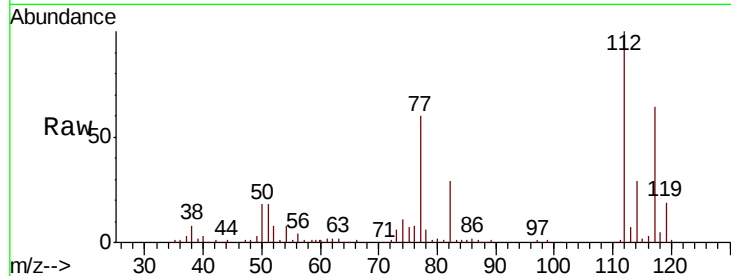
#65
Chlorobenzene
Concen: 8.634 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion:112 Resp: 86403
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.2

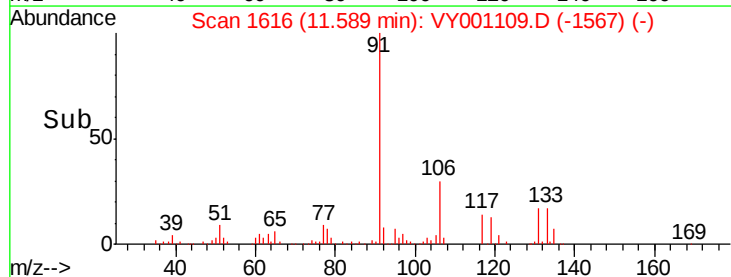
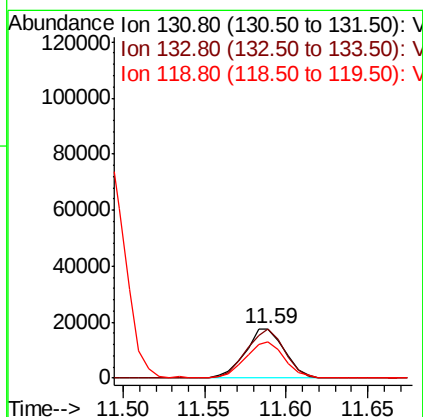
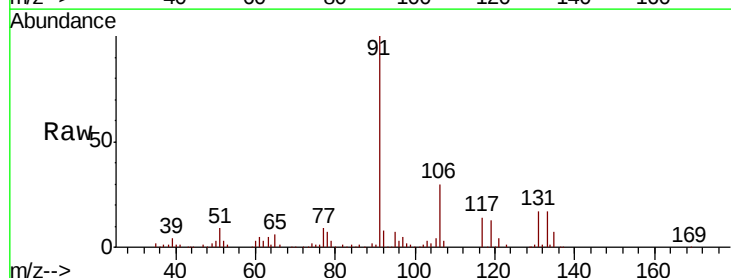
Manual Integrations
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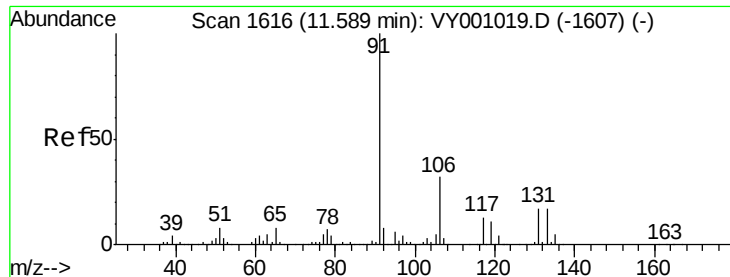
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 8.902 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion:131 Resp: 29398
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.4
119 74.1 34.0 101.8





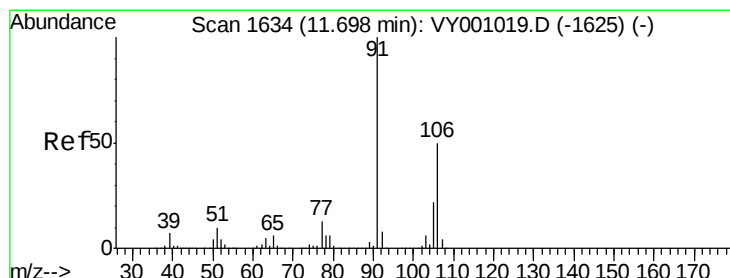
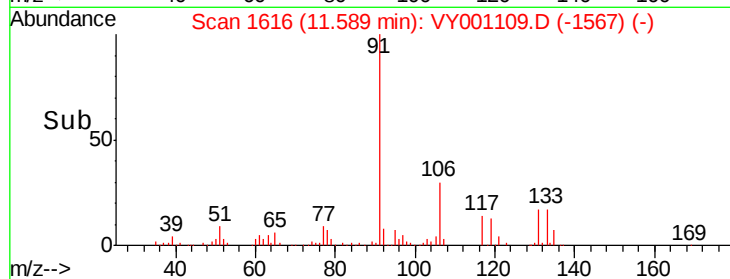
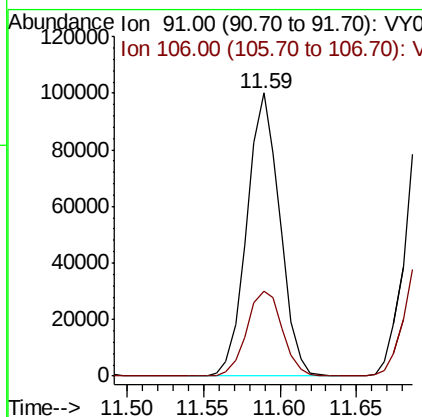
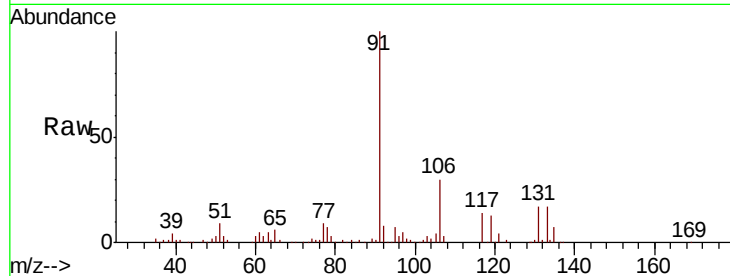
#67
Ethyl Benzene
Concen: 8.335 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.3	37.9

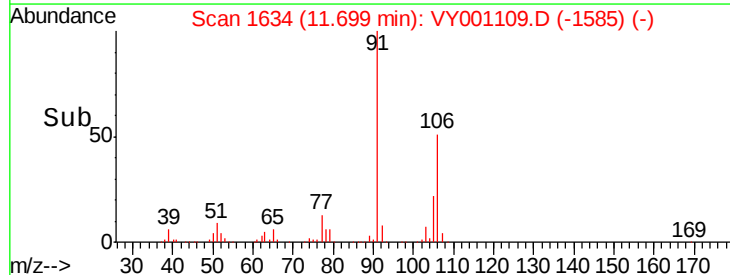
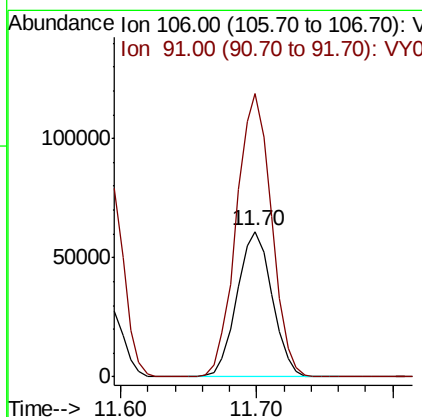
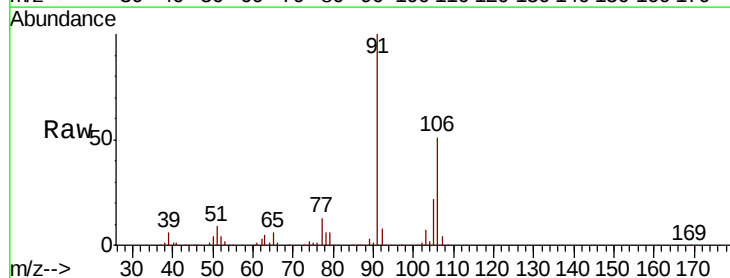
Manual Integrations
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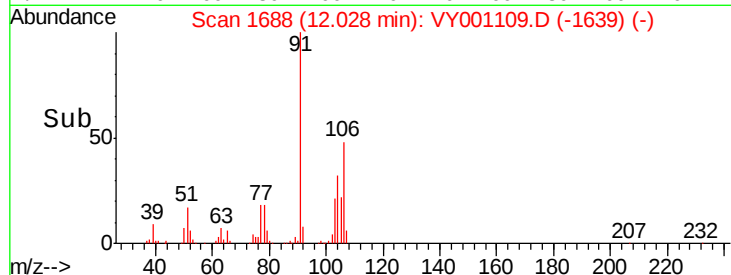
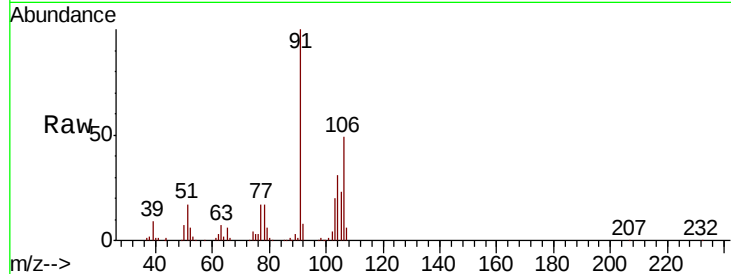
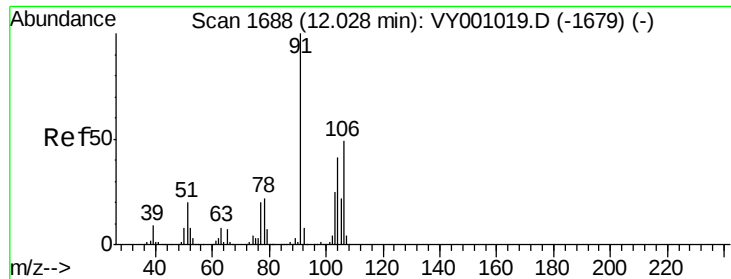
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#68
m/p-Xylenes
Concen: 16.117 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.0	156.4	234.6





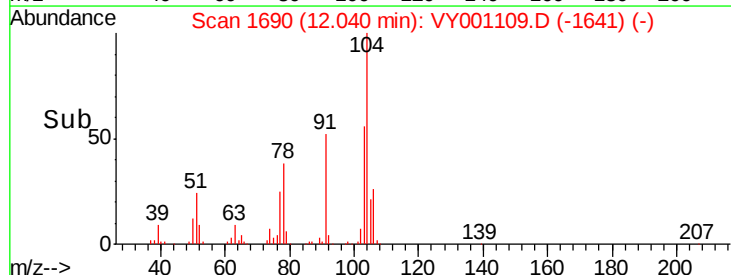
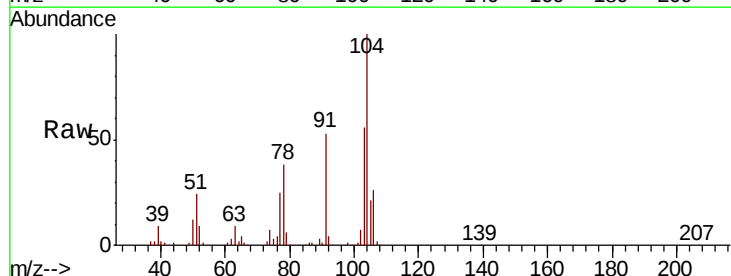
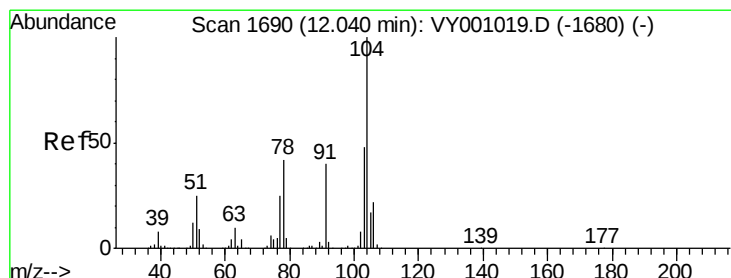
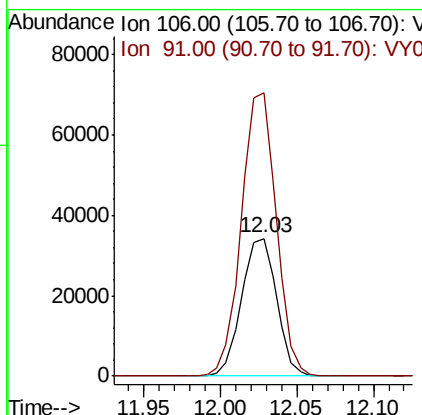
#69
o-Xylene
Concen: 8.521 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion:106 Resp: 54790
Ion Ratio Lower Upper
106 100
91 204.4 103.0 309.0

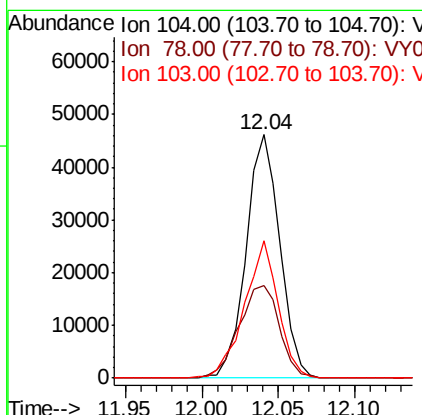
Manual Integrations
APPROVED

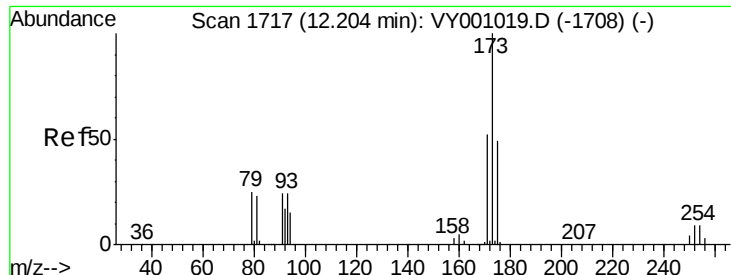
apatel
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#70
Styrene
Concen: 6.455 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion:104 Resp: 70573
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 56.6 42.6 64.0





#71

Bromoform

Concen: 10.164 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion:173 Resp: 18690

Ion Ratio Lower Upper

173 100

175 43.6 24.5 73.5

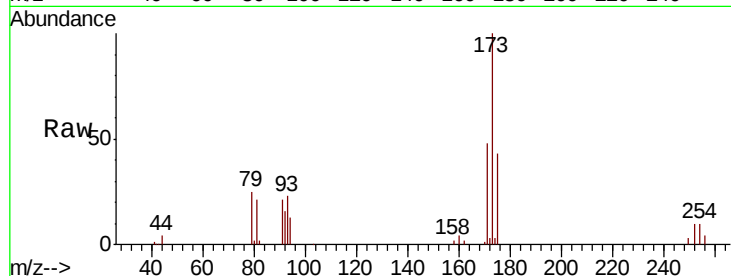
254 0.0 0.0 0.0

Manual Integrations

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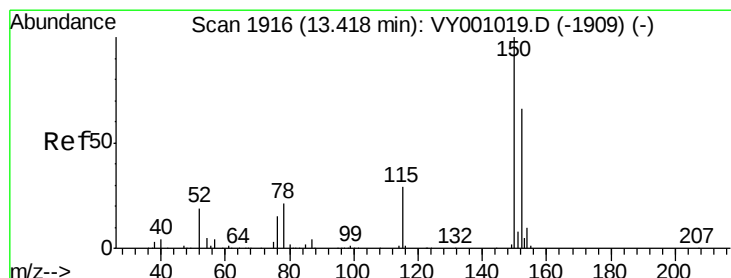
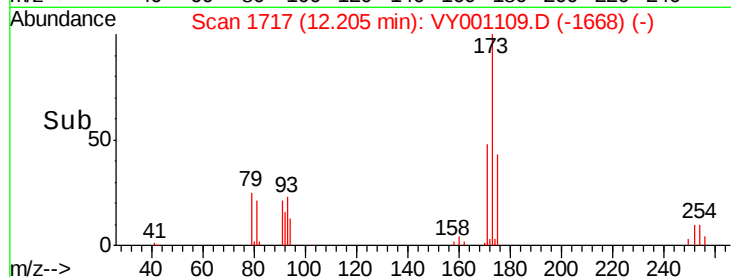
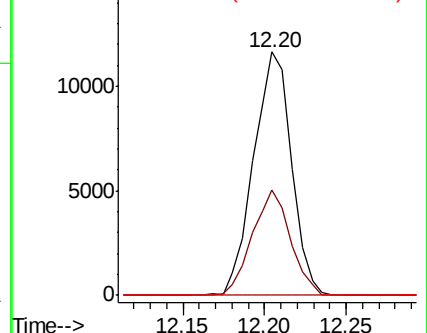
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY001109.D

Acq: 27 Dec 2019 19:25

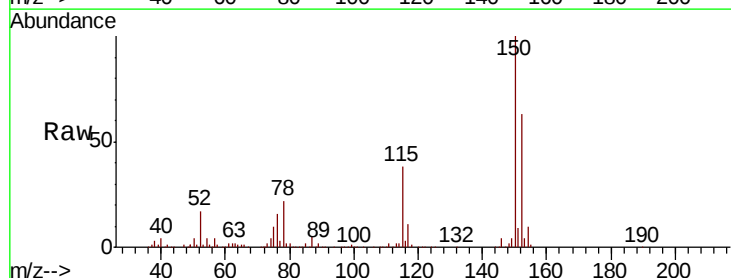
Tgt Ion:152 Resp: 218772

Ion Ratio Lower Upper

152 100

115 58.2 29.8 89.3

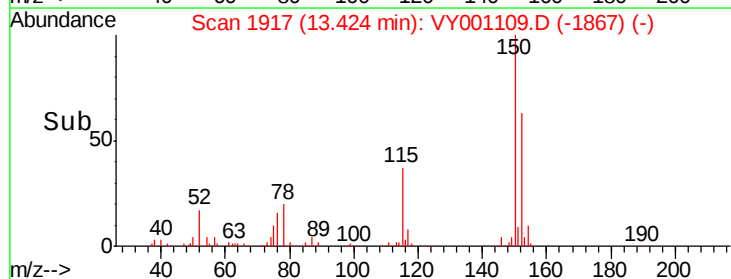
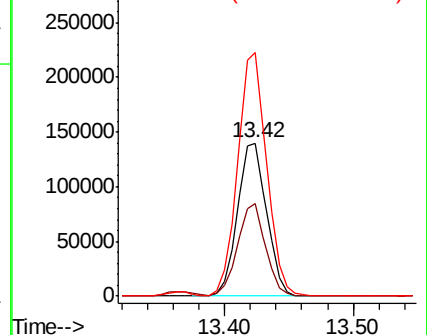
150 159.2 0.0 352.6

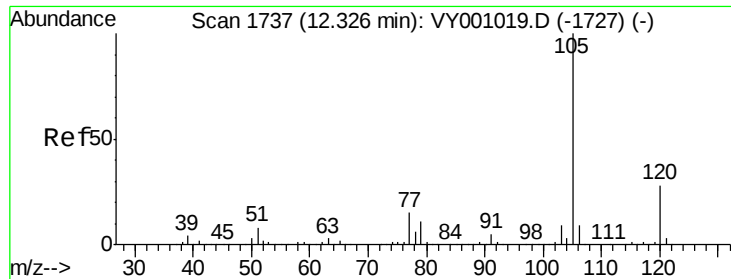


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.064 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 105 Resp: 136521

Ion Ratio Lower Upper

105 100

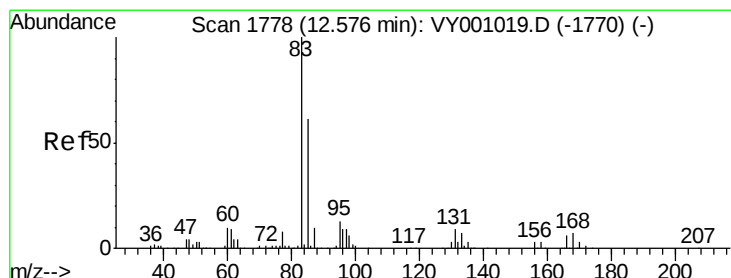
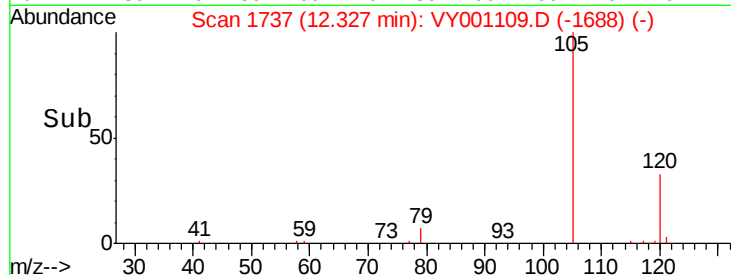
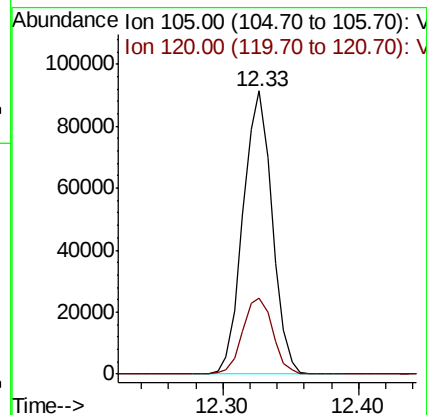
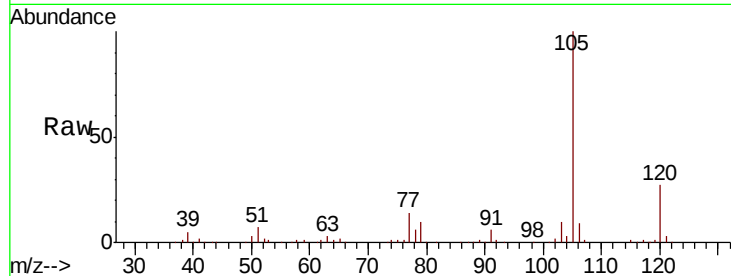
120 27.9 13.4 40.2

Manual Integrations

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#75

1,1,2,2-Tetrachloroethane

Concen: 9.848 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

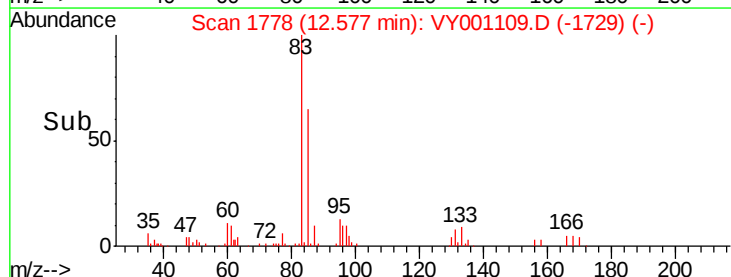
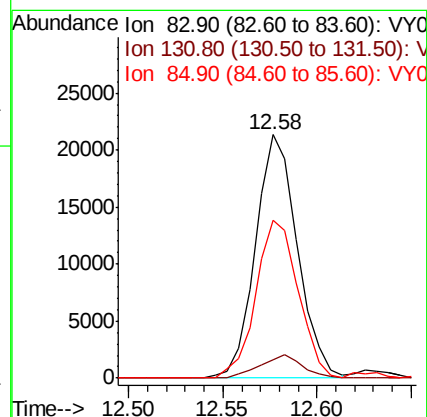
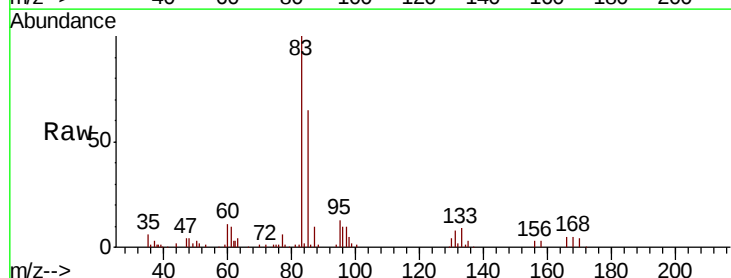
Tgt Ion: 83 Resp: 32844

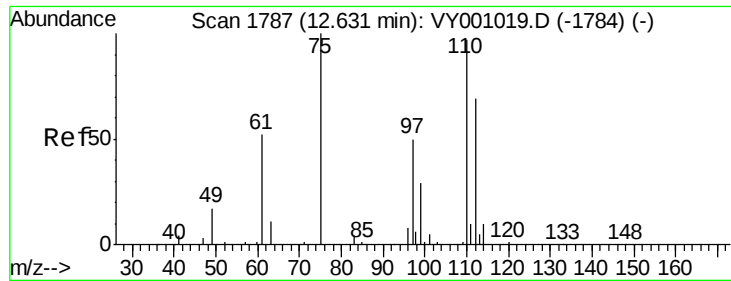
Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 65.4 32.1 96.5





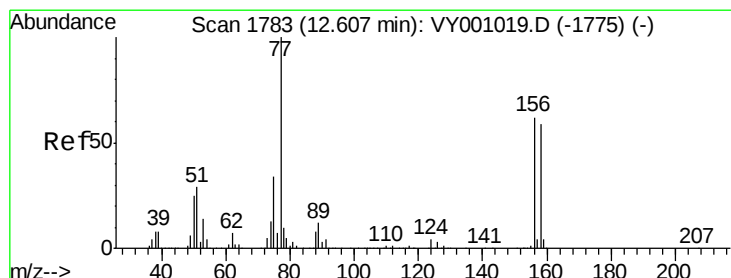
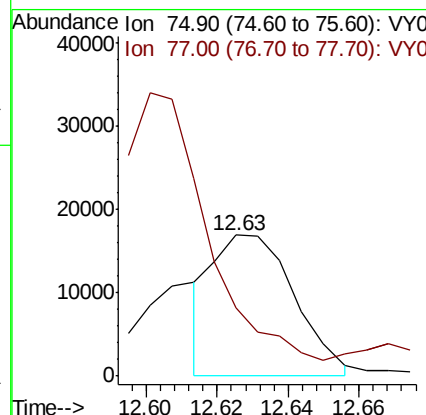
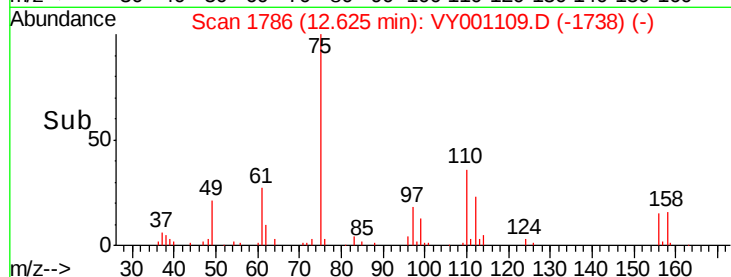
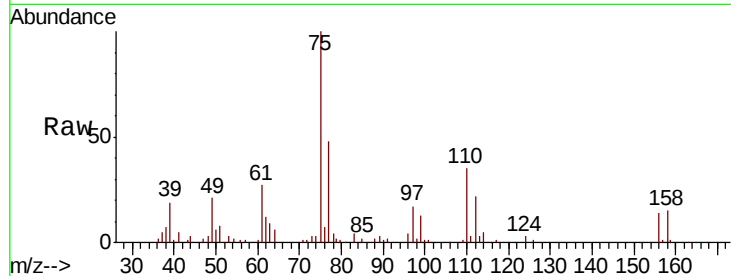
#76
 1,2,3-Trichloropropane
 Concen: 10.103 ug/l m
 RT: 12.63 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

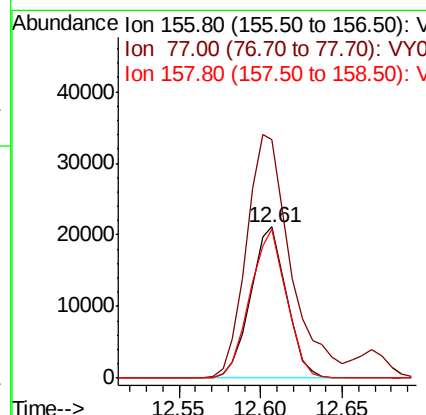
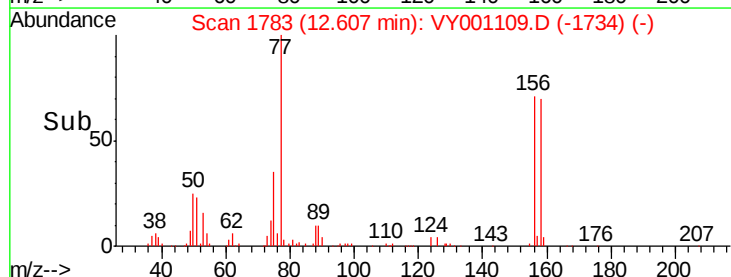
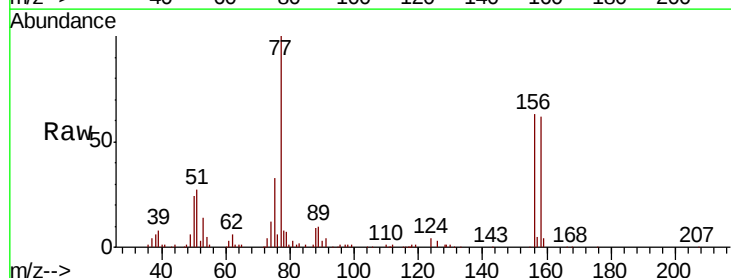
Manual Integrations
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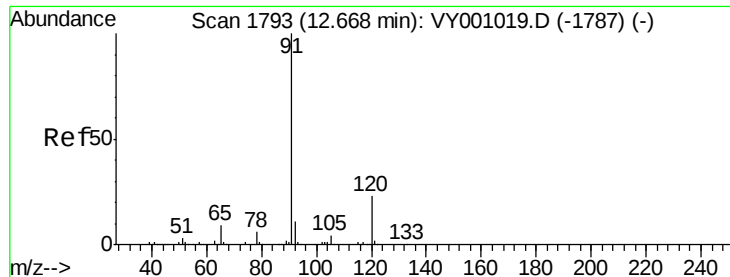
apatel
 12/30/2019 3:35:55 PM



#77
 Bromobenzene
 Concen: 8.540 ug/l
 RT: 12.61 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
156	100		
77	197.6	98.0	294.1
158	98.7	48.5	145.6





#78

n-propylbenzene

Concen: 7.540 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 91 Resp: 15535

Ion Ratio Lower Upper

91 100

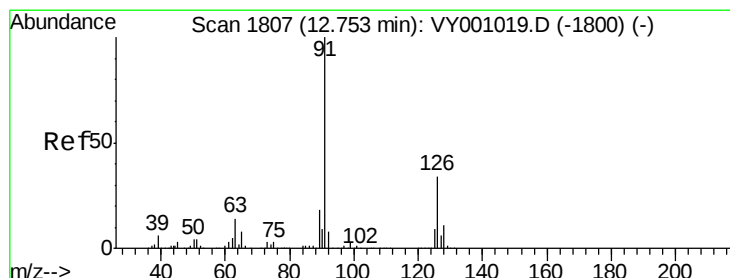
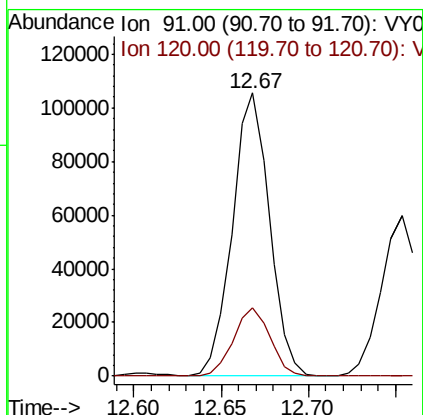
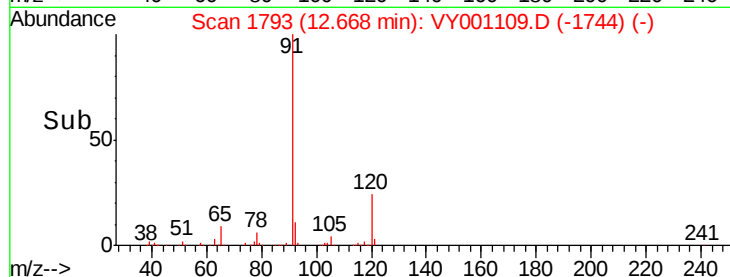
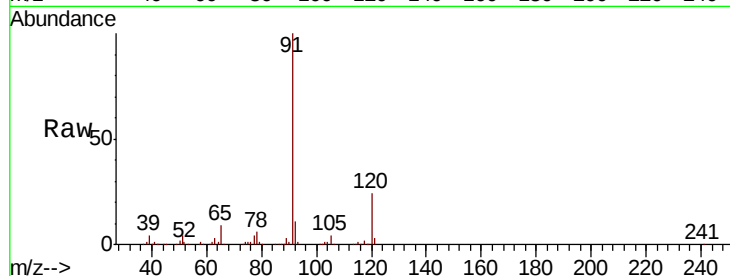
120 23.8 11.4 34.2

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#79

2-Chlorotoluene

Concen: 7.867 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001109.D

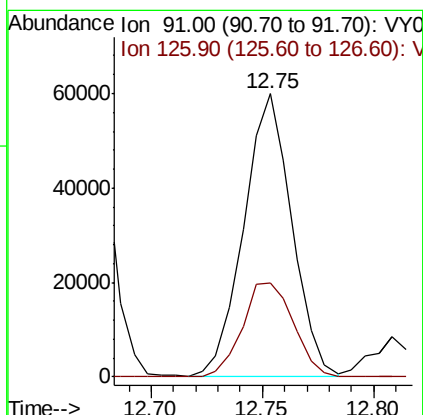
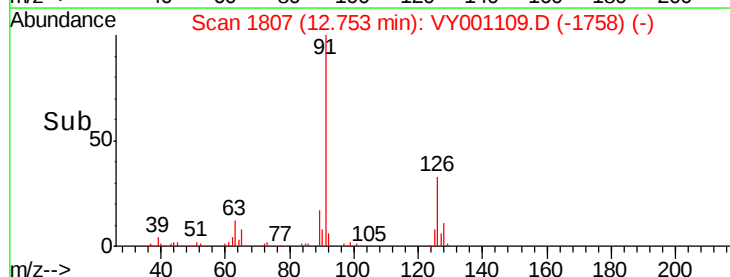
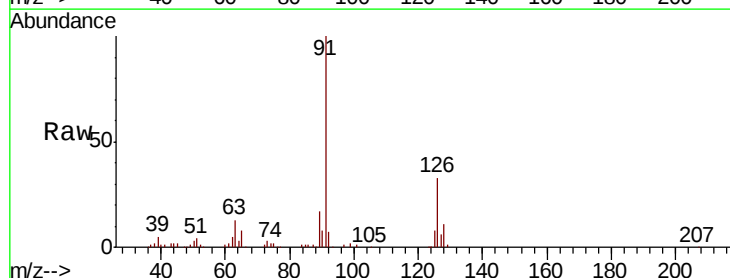
Acq: 27 Dec 2019 19:25

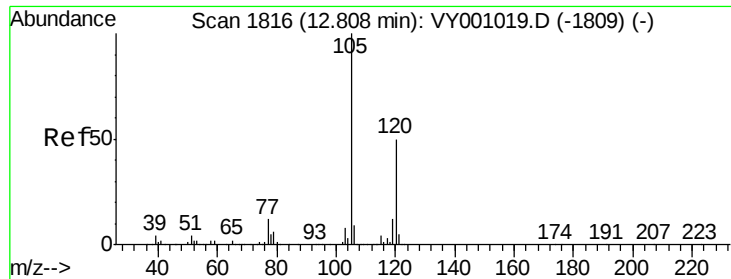
Tgt Ion: 91 Resp: 89627

Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.7





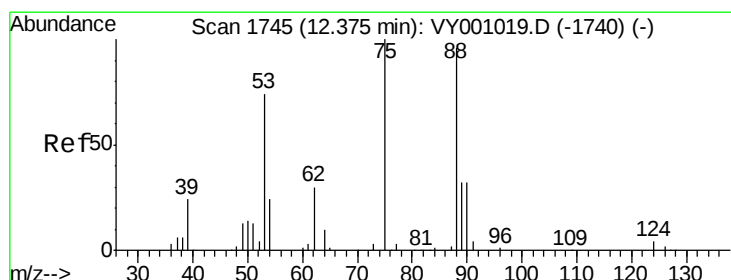
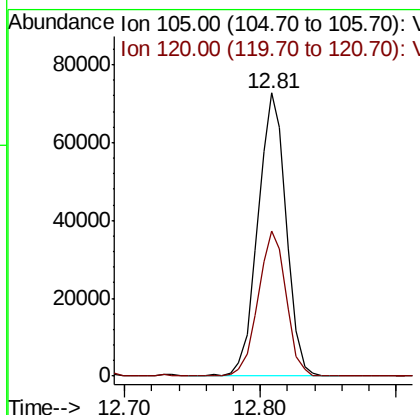
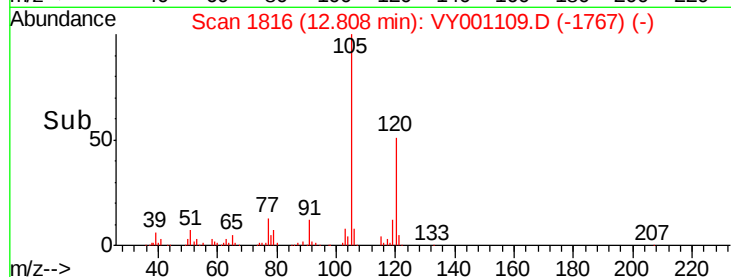
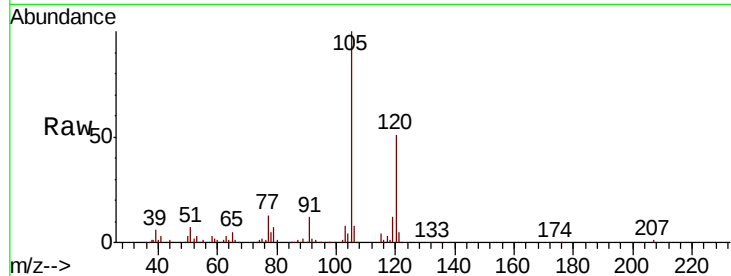
#80
 1,3,5-Trimethylbenzene
 Concen: 7.656 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion: 105 Resp: 106241
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.1 75.4

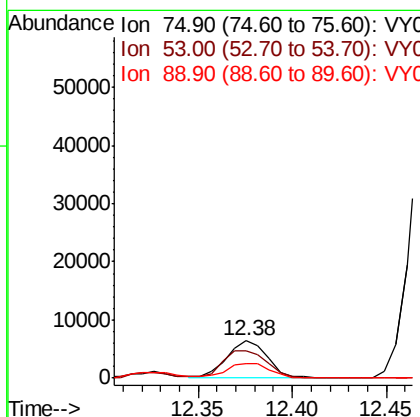
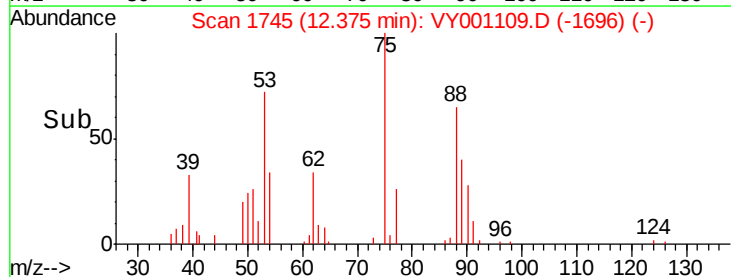
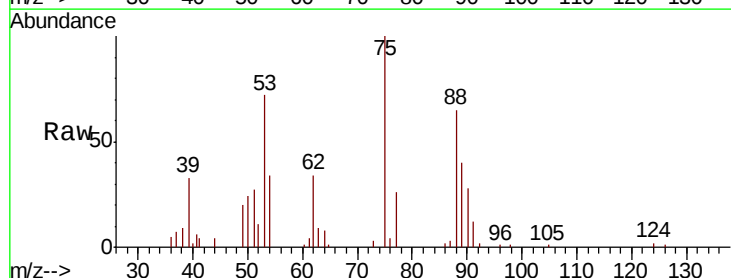
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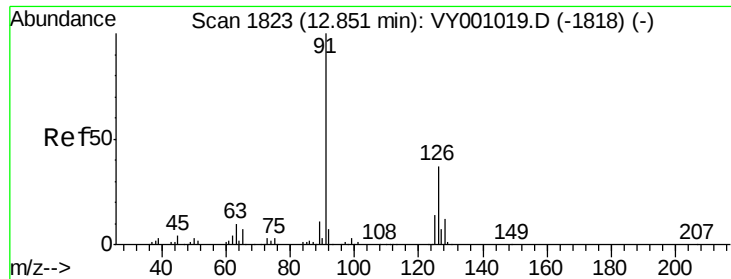
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.644 ug/l
 RT: 12.38 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion: 75 Resp: 9666
 Ion Ratio Lower Upper
 75 100
 53 79.4 60.6 91.0
 89 43.8 35.4 53.0





#82

4-Chlorotoluene

Concen: 7.553 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01

Tot Ion: 91 Resp: 89371

Ion Ratio Lower Upper

91 100

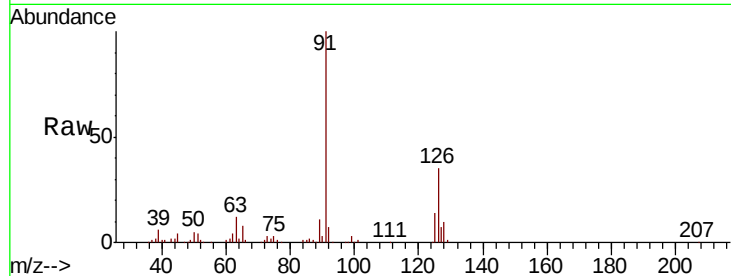
126 34.8 17.6 52.8

Manual Integrations

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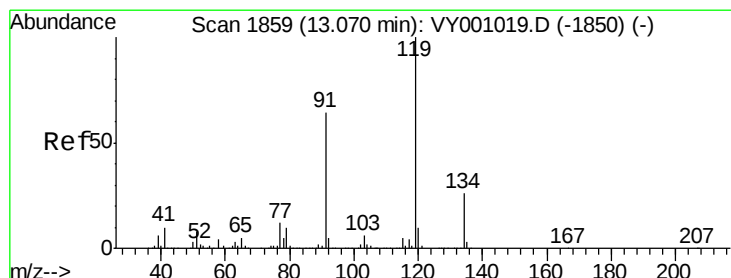
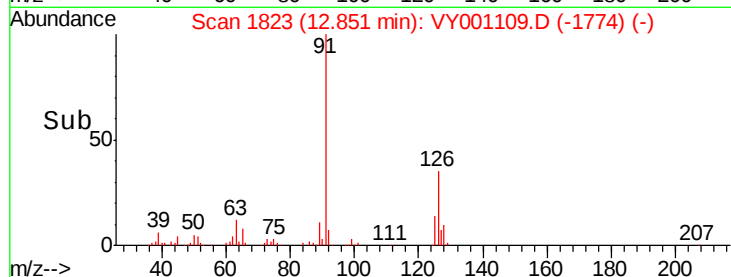


Abundance Ion 91.00 (90.70 to 91.70): VY001109.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VY001109.D (-1818) (-)

12.85

Time-->



#83

tert-Butylbenzene

Concen: 8.140 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

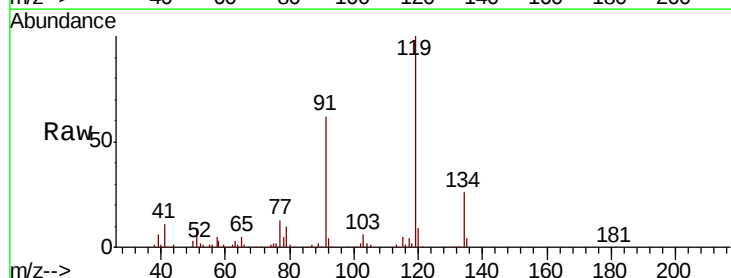
Tgt Ion: 119 Resp: 94826

Ion Ratio Lower Upper

119 100

91 62.5 31.9 95.7

134 25.7 13.6 40.7



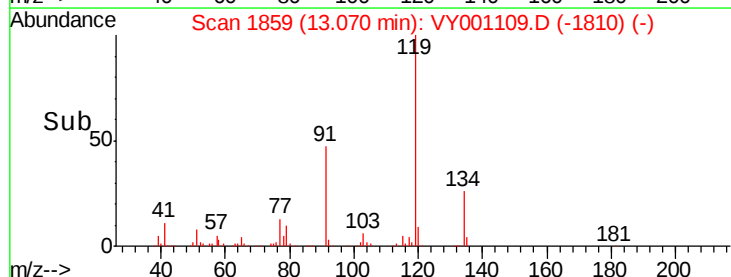
Abundance Ion 119.00 (118.70 to 119.70): VY001109.D (-1850) (-)

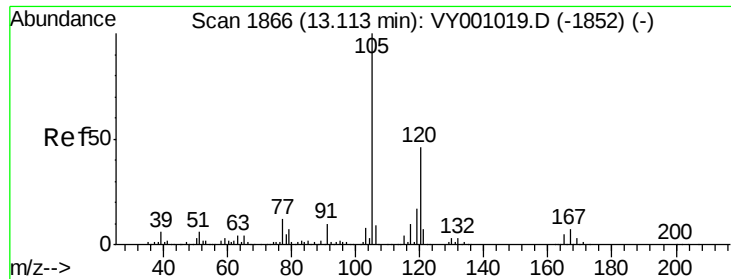
Ion 91.00 (90.70 to 91.70): VY001109.D (-1850) (-)

Ion 134.00 (133.70 to 134.70): VY001109.D (-1850) (-)

13.07

Time-->





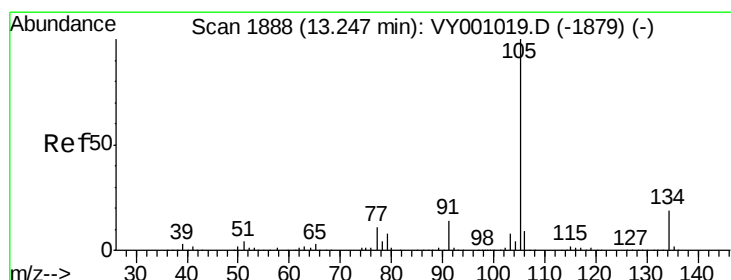
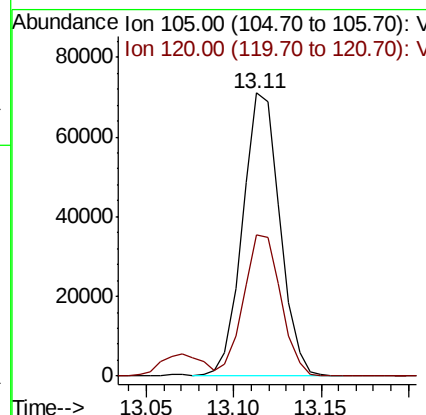
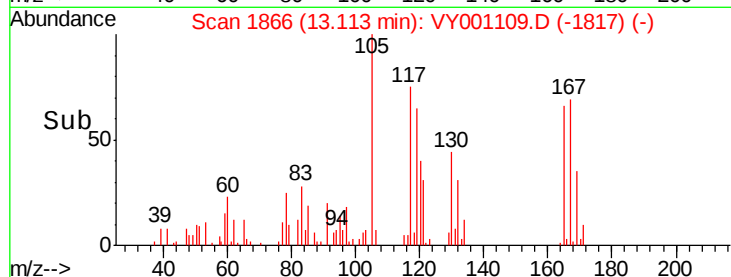
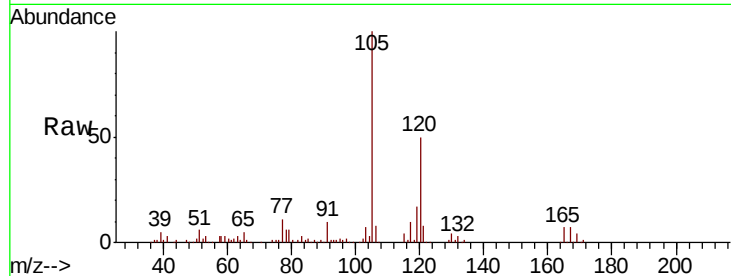
#84
1,2,4-Trimethylbenzene
Concen: 7.532 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion:105 Resp: 105032
Ion Ratio Lower Upper
105 100
120 50.0 23.4 70.2

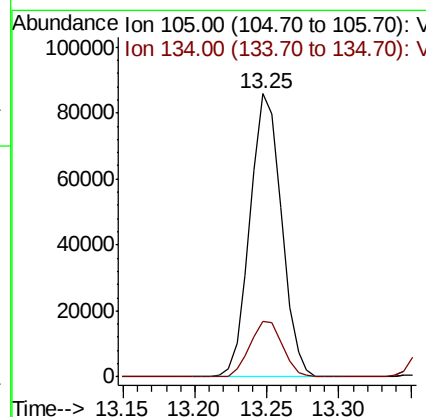
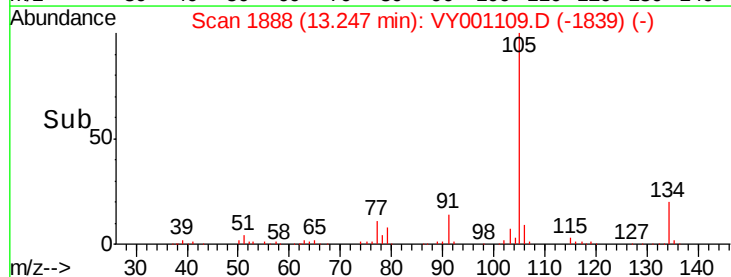
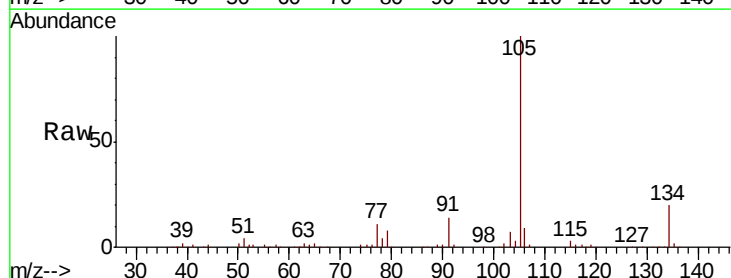
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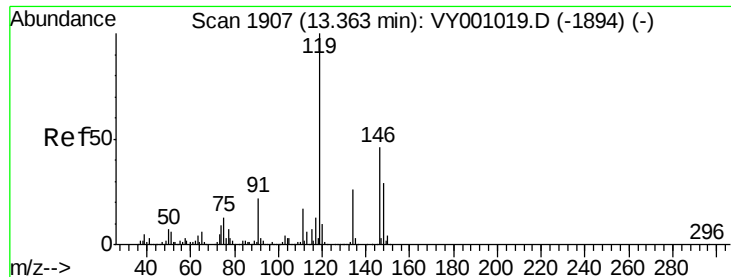
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#85
sec-Butylbenzene
Concen: 7.548 ug/l
RT: 13.25 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion:105 Resp: 129631
Ion Ratio Lower Upper
105 100
134 20.2 10.0 30.0





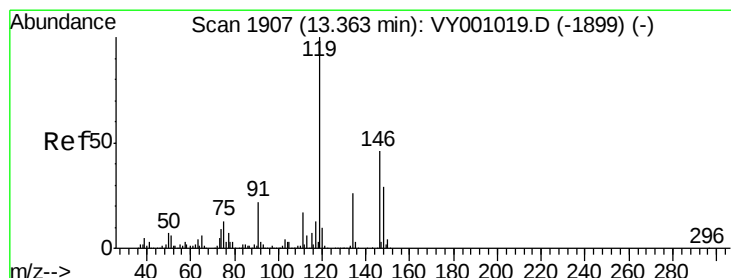
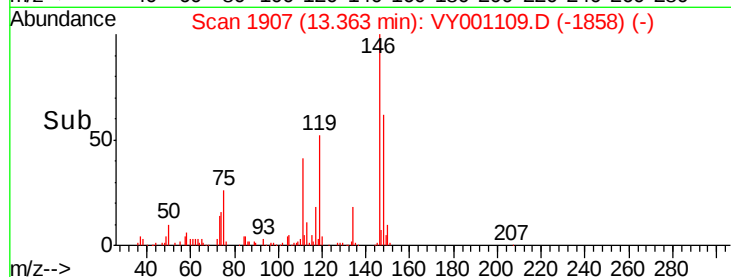
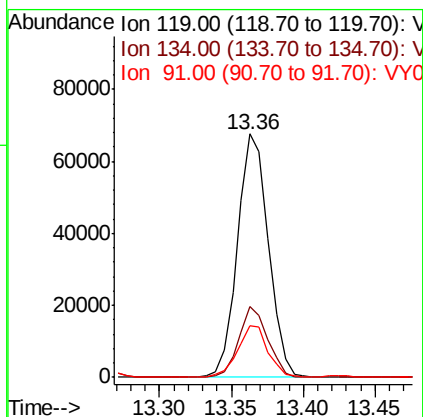
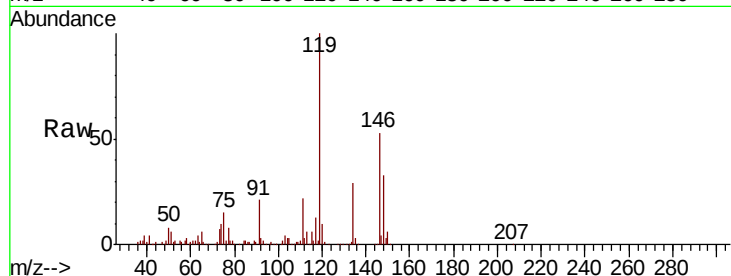
#86
p-Isopropyltoluene
Concen: 6.770 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	20.9	11.4	34.1

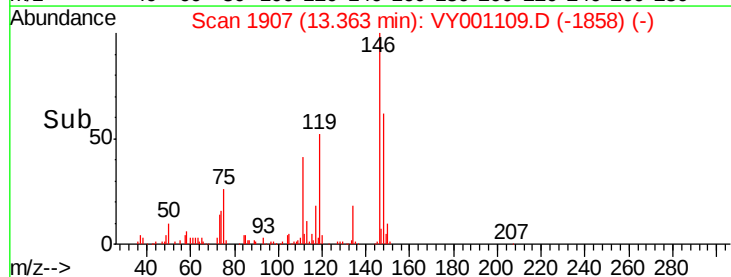
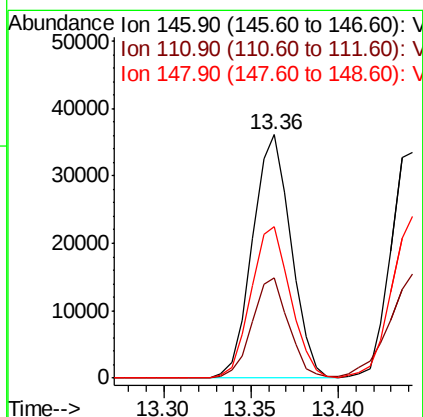
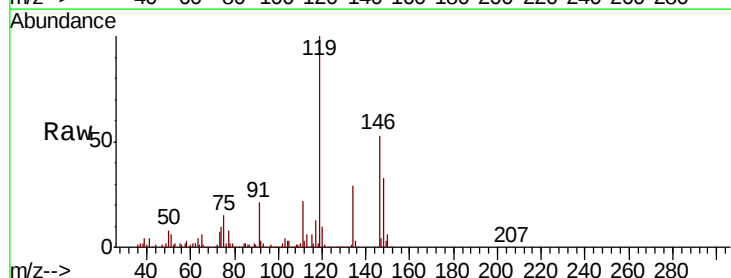
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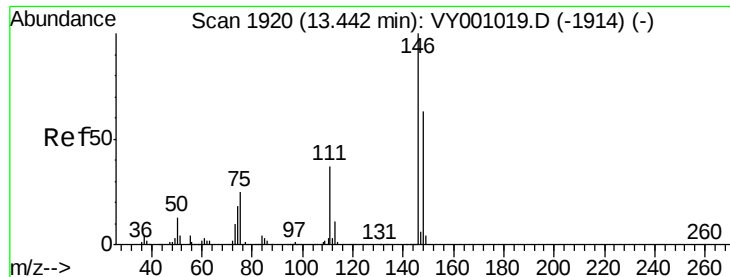
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#87
1,3-Dichlorobenzene
Concen: 7.574 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	63.5	31.9	95.5





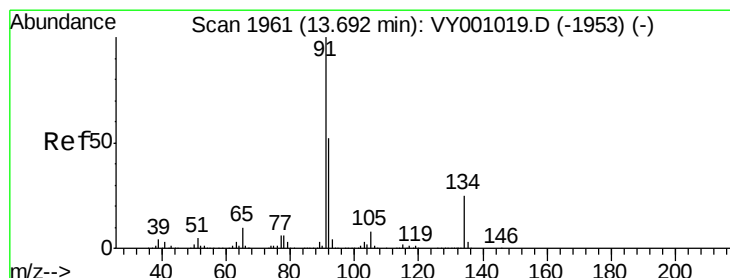
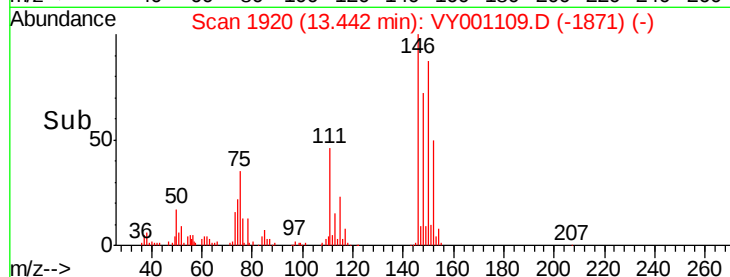
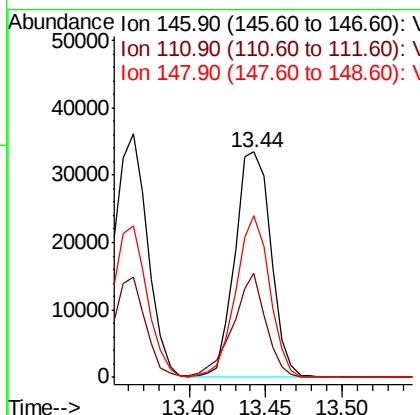
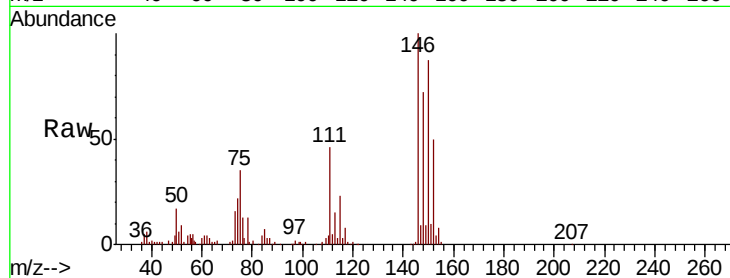
#88
 1,4-Dichlorobenzene
 Concen: 7.379 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.4	58.2
148	68.1	31.8	95.3

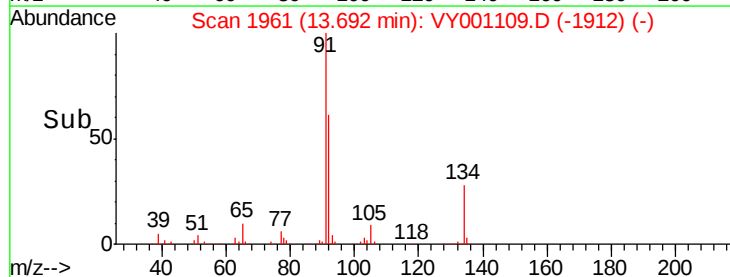
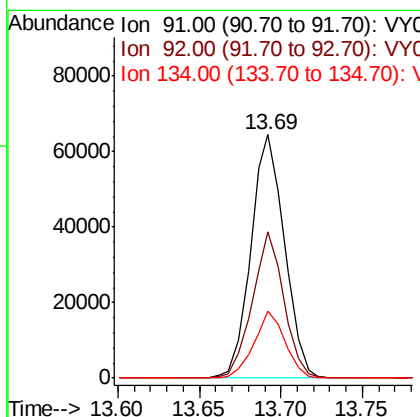
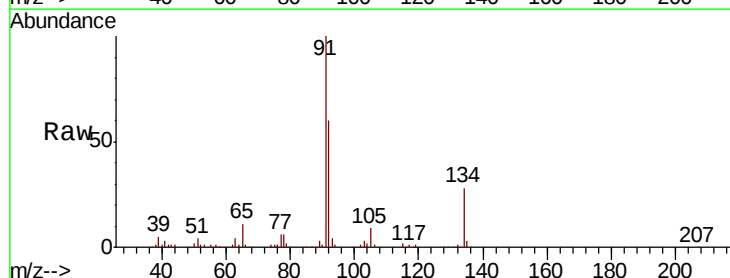
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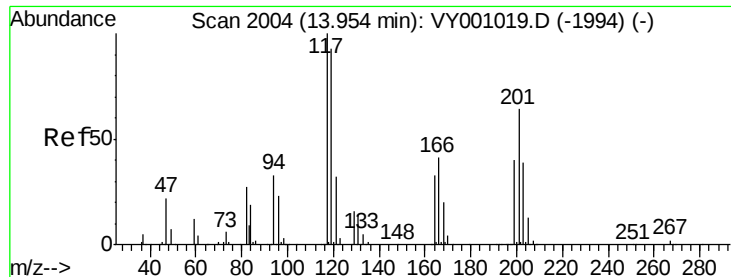
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#89
 n-Butylbenzene
 Concen: 6.158 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.4	26.9	80.7
134	25.8	12.7	38.0





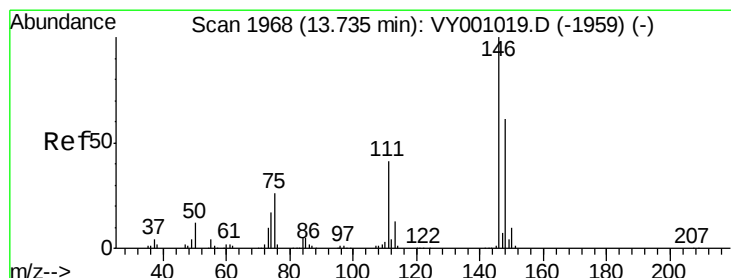
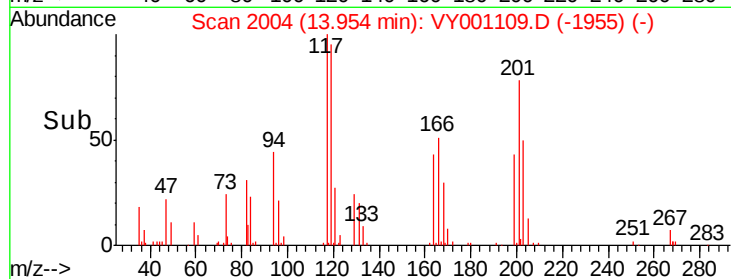
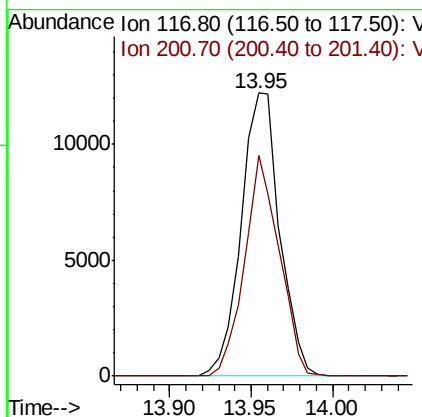
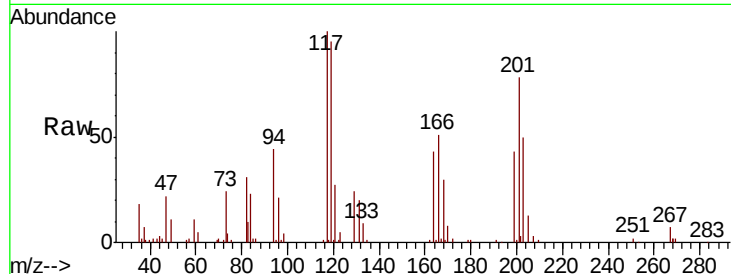
#90
Hexachloroethane
Concen: 7.203 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01

Tot Ion:117 Resp: 20166
Ion Ratio Lower Upper
117 100
201 70.1 33.7 101.1

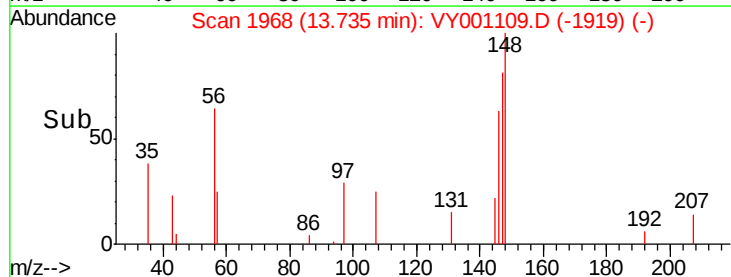
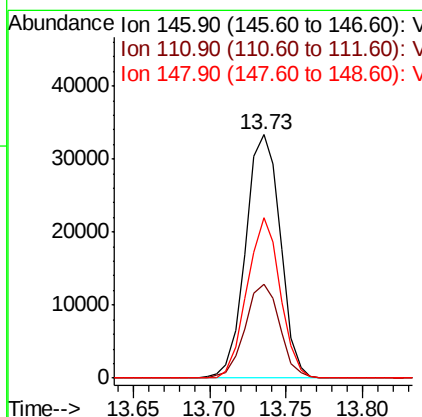
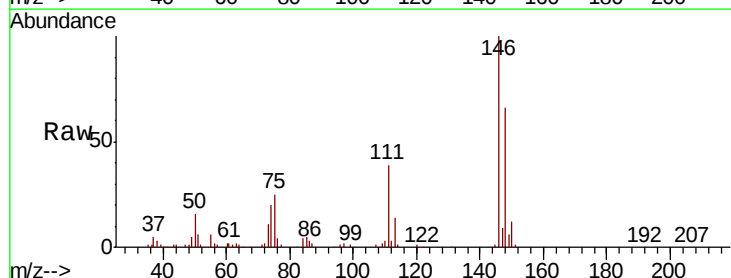
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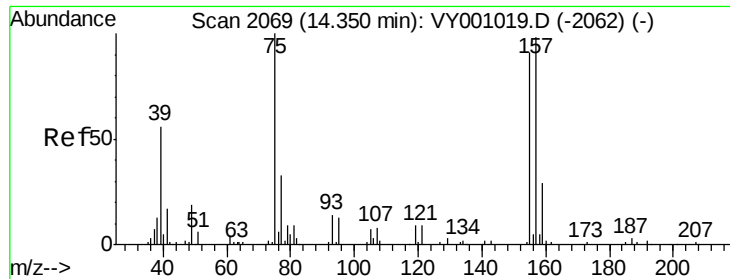
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#91
1,2-Dichlorobenzene
Concen: 7.811 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY001109.D
Acq: 27 Dec 2019 19:25

Tgt Ion:146 Resp: 52691
Ion Ratio Lower Upper
146 100
111 38.6 20.6 61.9
148 63.0 31.6 94.7





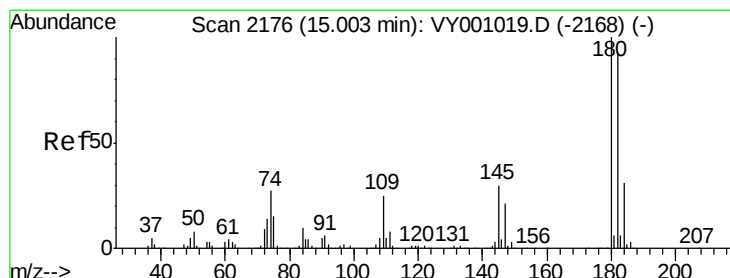
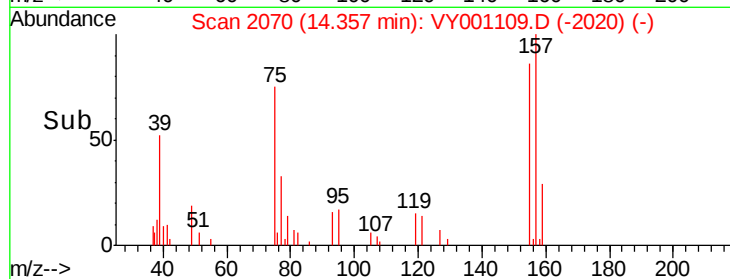
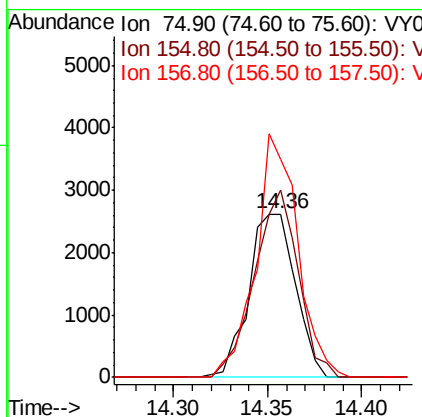
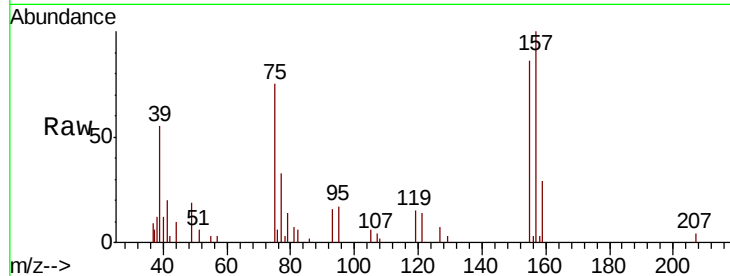
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.077 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion	Ratio	Lower	Upper
75	100		
155	107.7	46.3	138.9
157	133.2	58.1	174.4

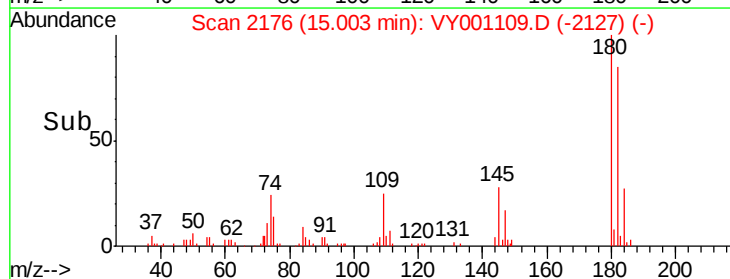
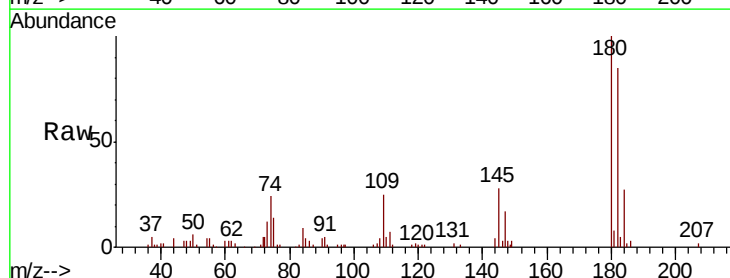
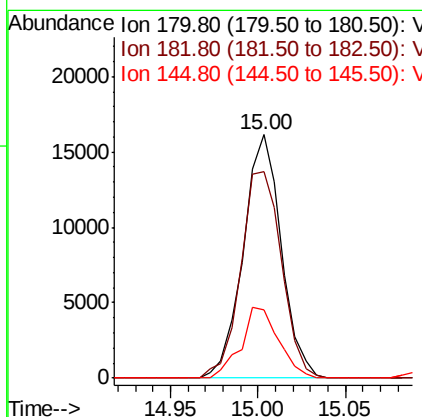
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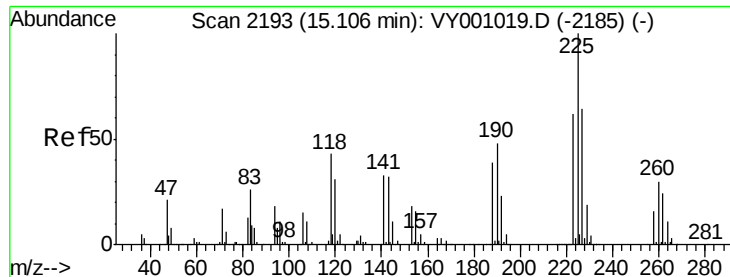
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#93
 1,2,4-Trichlorobenzene
 Concen: 5.366 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	46.8	140.3
145	29.0	15.3	45.9





#94

Hexachlorobutadiene

Concen: 5.592 ug/l

RT: 15.11 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Instrument :

MSVOA_Y

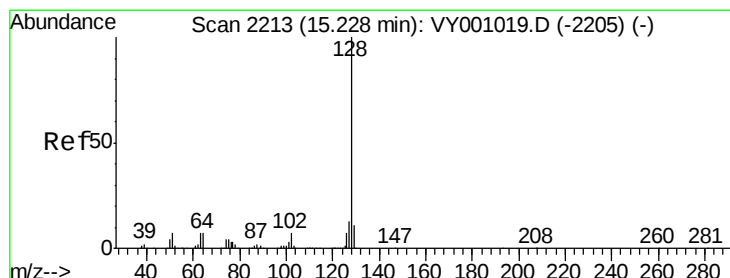
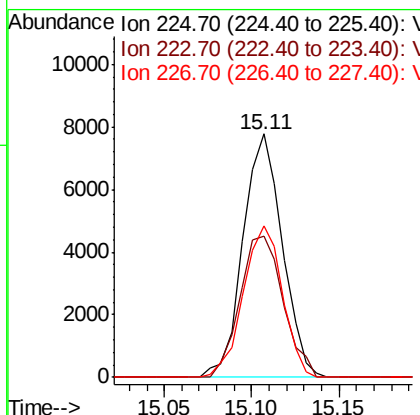
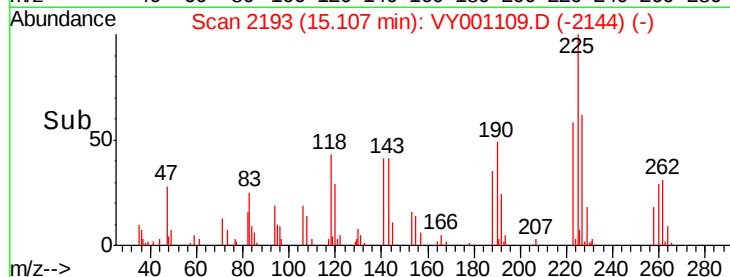
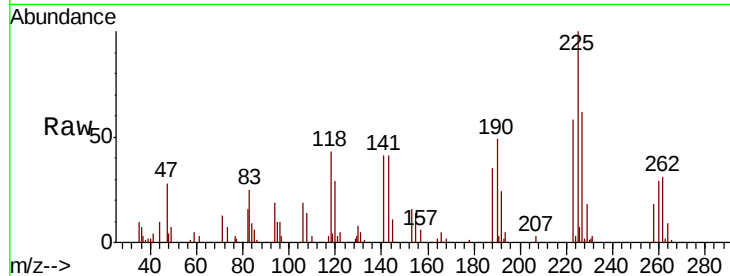
ClientSampleId :

DUNR-BF001-01

Tot Ion:	225	Resp:	12117
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.6	94.8
227	62.1	31.9	95.5

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#95

Naphthalene

Concen: 6.378 ug/l

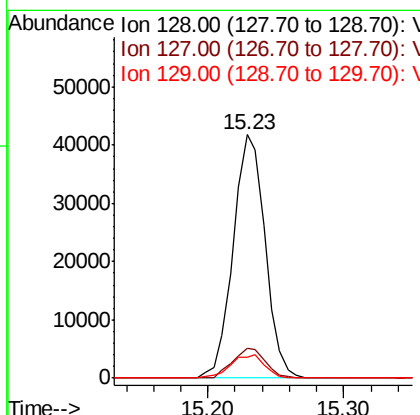
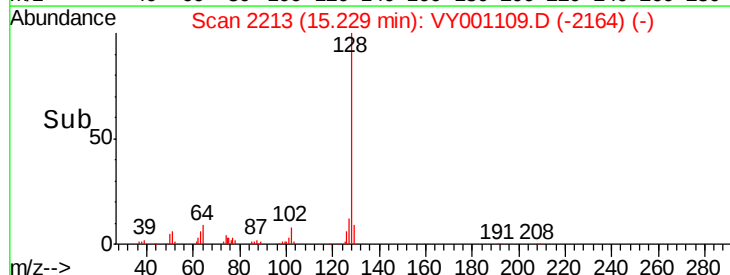
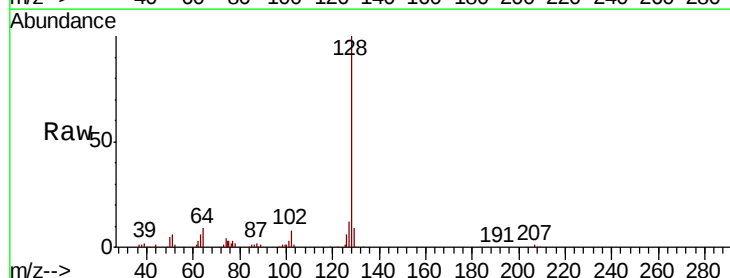
RT: 15.23 min Scan# 2213

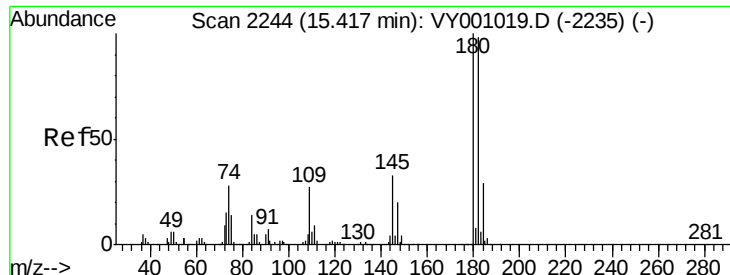
Delta R.T. 0.00 min

Lab File: VY001109.D

Acq: 27 Dec 2019 19:25

Tgt Ion:	128	Resp:	68289
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.9	14.9
129	10.2	8.6	13.0





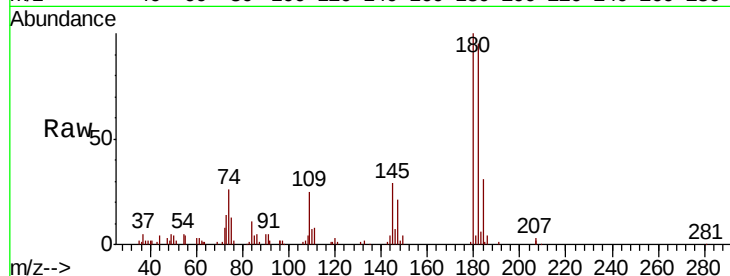
#96
 1,2,3-Trichlorobenzene
 Concen: 5.676 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VY001109.D
 Acq: 27 Dec 2019 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Tot Ion:	180	Resp:	23049
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.9	143.8
145	33.2	16.3	48.9

Manual Integrations
 APPROVED

apatel
 12/30/2019 3:35:55 PM



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

