

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001079.D
 Acq On : 26 Dec 2019 17:48
 Operator : SY/MD
 Sample : K6438-02MS
 Misc : 5.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Manual Integrations
 APPROVED

apatel
 12/27/2019 11:04:42 AM

Quant Time: Dec 27 06:31:41 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	70464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	131902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	124032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	52240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	43266	62.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.52%	
35) Dibromofluoromethane	7.73	113	39591	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.18	98	146936	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.48	95	54231	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	25161	40.978	ug/l	96
3) Chloromethane	2.12	50	33199	39.728	ug/l	98
4) Vinyl Chloride	2.26	62	32191	39.666	ug/l	100
5) Bromomethane	2.66	94	23470	45.627	ug/l	91
6) Chloroethane	2.80	64	22534	44.581	ug/l	93
7) Trichlorofluoromethane	3.13	101	50642	42.545	ug/l	100
8) Diethyl Ether	3.54	74	30537	62.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	33319	42.613	ug/l	99
10) Methyl Iodide	4.10	142	45223	41.861	ug/l	99
11) Tert butyl alcohol	4.97	59	28286	370.167	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	33906	42.832	ug/l	94
13) Acrolein	3.74	56	8995	95.005	ug/l	98
14) Allyl chloride	4.49	41	55330	44.993	ug/l	97
15) Acrylonitrile	5.18	53	91725	377.725	ug/l	98
16) Acetone	3.96	43	62265	388.907	ug/l	95
17) Carbon Disulfide	4.20	76	89202	34.484	ug/l #	94
18) Methyl Acetate	4.49	43	141140	229.779	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	137804	67.447	ug/l	97
20) Methylene Chloride	4.73	84	50867	53.978	ug/l #	87
21) trans-1,2-Dichloroethene	5.23	96	41291	47.066	ug/l	96
22) Diisopropyl ether	6.14	45	145322	58.464	ug/l	90
23) Vinyl Acetate	6.08	43	55430	35.310	ug/l #	91
24) 1,1-Dichloroethane	6.04	63	73941	50.337	ug/l	96
25) 2-Butanone	7.00	43	110415	392.574	ug/l	91
26) 2,2-Dichloropropane	7.00	77	54753	45.369	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	52263	54.224	ug/l	95
28) Bromochloromethane	7.34	49	41417	72.264	ug/l	99
29) Tetrahydrofuran	7.36	42	76372	381.732	ug/l	98
30) Chloroform	7.52	83	76014	54.727	ug/l	98
31) Cyclohexane	7.79	56	56180	36.372	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	56430	47.626	ug/l	98
36) 1,1-Dichloropropene	7.93	75	53002	42.121	ug/l	99
37) Ethyl Acetate	7.08	43	33988	48.781	ug/l #	77
38) Carbon Tetrachloride	7.91	117	45563	41.328	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	57723	34.544	ug/l	97
40) Benzene	8.17	78	180730	47.608	ug/l	98
41) Methacrylonitrile	7.32	41	19337m	64.013	ug/l	
42) 1,2-Dichloroethane	8.25	62	53991	59.487	ug/l	100
43) Isopropyl Acetate	8.28	43	68397	53.029	ug/l	99
44) Trichloroethene	8.94	130	47616	47.605	ug/l	96
45) 1,2-Dichloropropane	9.22	63	50737	53.276	ug/l	94
46) Dibromomethane	9.32	93	31091	63.332	ug/l	99
47) Bromodichloromethane	9.50	83	63282	55.649	ug/l #	92
48) Methyl methacrylate	9.30	41	43311	78.689	ug/l	95
49) 1,4-Dioxane	9.30	88	11868	1652.606	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	237990	354.013	ug/l	98
52) Toluene	10.24	92	108026	46.233	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69884	56.626	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	80784	54.437	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	48654	66.386	ug/l	98
56) Ethyl methacrylate	10.51	69	45268	43.399	ug/l	99
57) 1,3-Dichloropropane	10.79	76	82009	63.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	116791	289.893	ug/l	98
59) 2-Hexanone	10.83	43	157769	339.166	ug/l	99
60) Dibromochloromethane	10.99	129	46359	59.218	ug/l	99
61) 1,2-Dibromoethane	11.09	107	46039	65.691	ug/l	97
64) Tetrachloroethene	10.72	164	50945	47.471	ug/l	96
65) Chlorobenzene	11.52	112	115981	45.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	43725	51.499	ug/l	98
67) Ethyl Benzene	11.59	91	197029	42.577	ug/l	99
68) m/p-Xylenes	11.70	106	148342	84.425	ug/l	100
69) o-Xylene	12.03	106	73455	44.437	ug/l	97
70) Styrene	12.04	104	128003	45.541	ug/l	99
71) Bromoform	12.20	173	26921	56.945	ug/l #	94
73) Isopropylbenzene	12.33	105	176586	43.682	ug/l	99
74) N-amyl acetate	12.14	43	16456	15.495	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	52360	65.747	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	46970m	72.933	ug/l	
77) Bromobenzene	12.61	156	46854	51.534	ug/l	92
78) n-propylbenzene	12.67	91	207804	42.186	ug/l	99
79) 2-Chlorotoluene	12.75	91	121981	44.841	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	146399	44.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17440	57.756	ug/l	99
82) 4-Chlorotoluene	12.85	91	127357	45.074	ug/l	100
83) tert-Butylbenzene	13.07	119	117266	42.158	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	149679	44.951	ug/l	99
85) sec-Butylbenzene	13.25	105	161239	39.320	ug/l	98
86) p-Isopropyltoluene	13.37	119	141912	39.994	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	78452	44.928	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	81463	46.246	ug/l	99
89) n-Butylbenzene	13.69	91	127526	35.722	ug/l	99
90) Hexachloroethane	13.96	117	26609	39.803	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	79997	49.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	7967	59.794	ug/l	96

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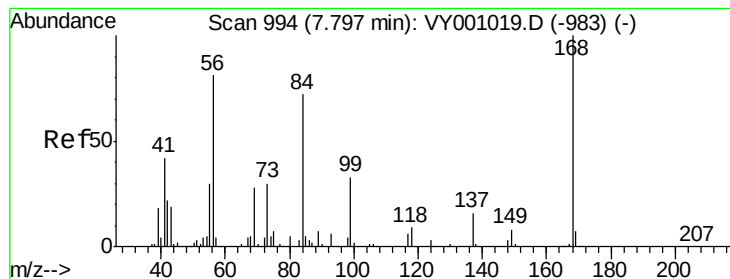
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	41854	38.496	ug/l	99
94) Hexachlorobutadiene	15.11	225	15614	30.179	ug/l	98
95) Naphthalene	15.23	128	136756	53.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	39673	40.917	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion:168 Resp: 70464

Ion Ratio Lower Upper

168 100

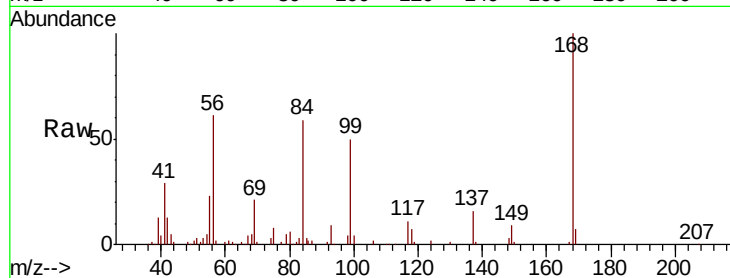
99 49.8 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

30000

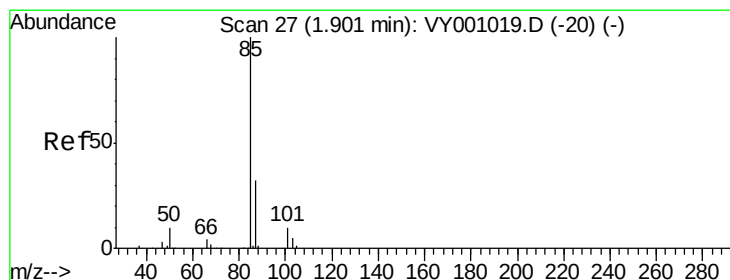
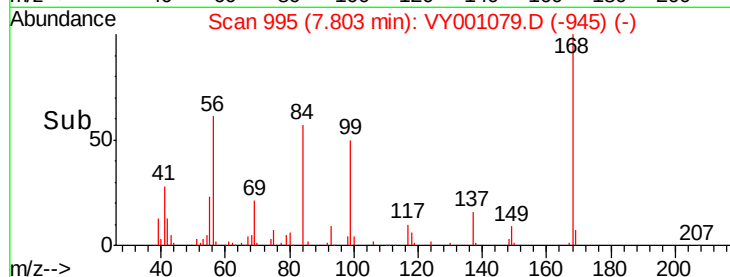
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.978 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001079.D

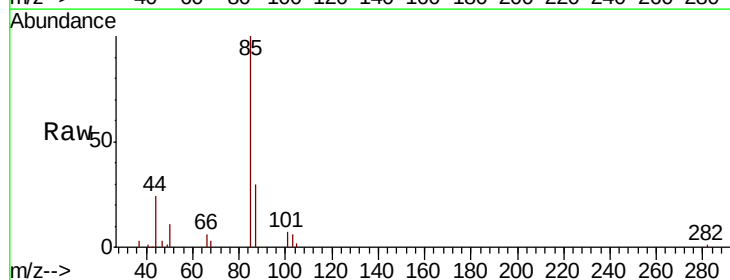
Acq: 26 Dec 2019 17:48

Tgt Ion: 85 Resp: 25161

Ion Ratio Lower Upper

85 100

87 29.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

15000

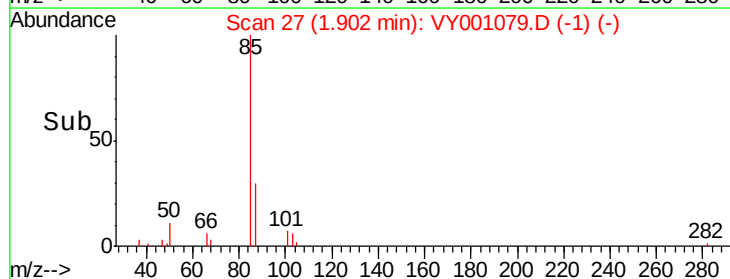
10000

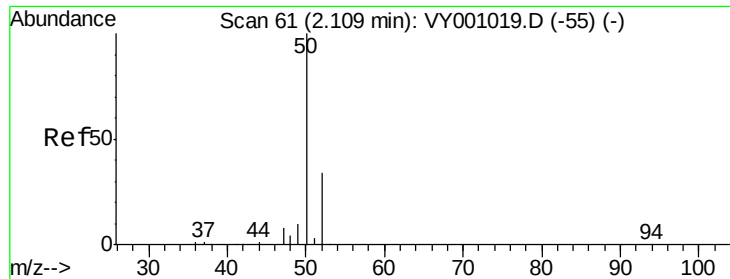
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 39.728 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 50 Resp: 33199

Ion Ratio Lower Upper

50 100

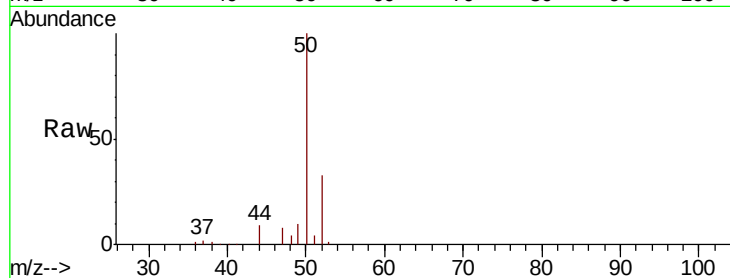
52 32.6 27.1 40.7

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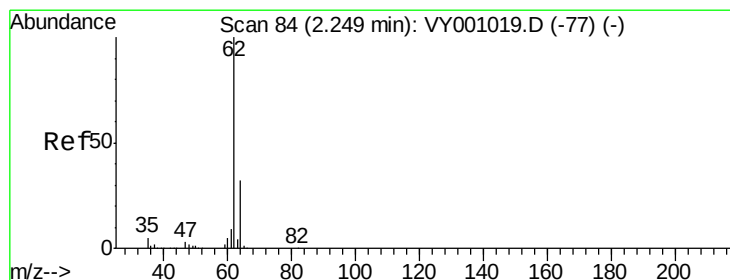
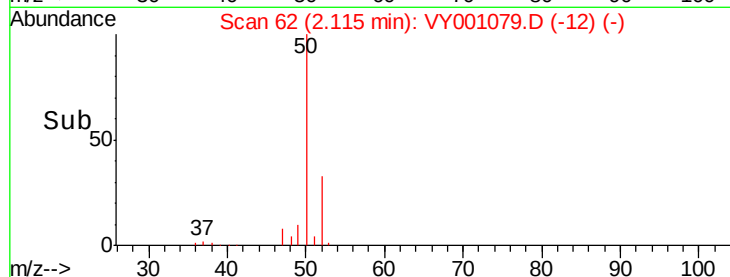
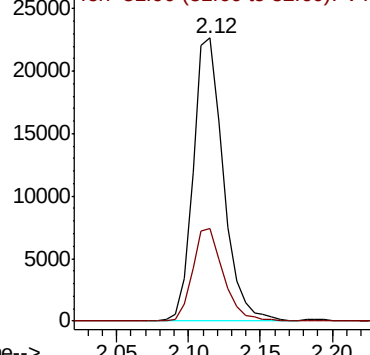
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 39.666 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001079.D

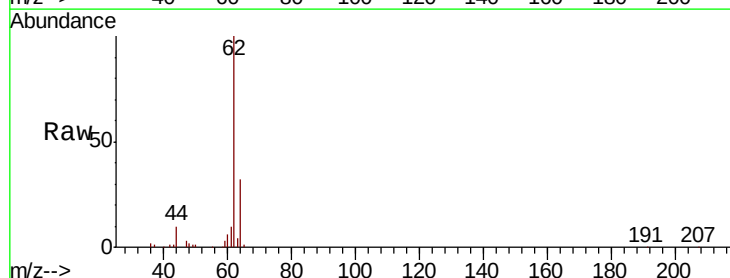
Acq: 26 Dec 2019 17:48

Tgt Ion: 62 Resp: 32191

Ion Ratio Lower Upper

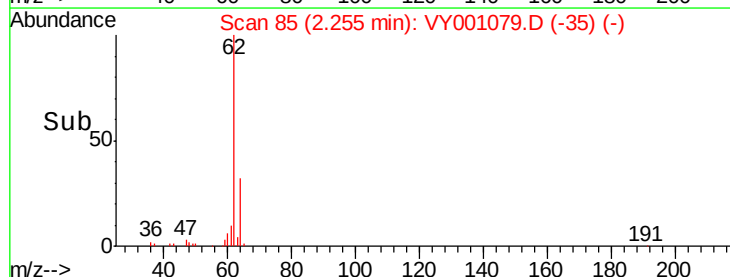
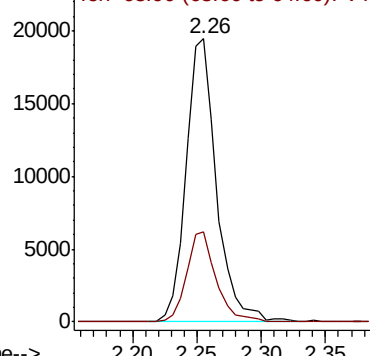
62 100

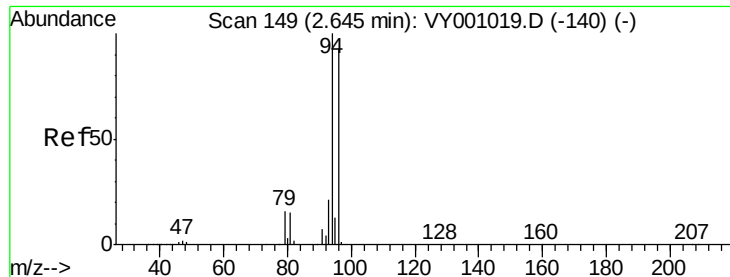
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.627 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

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ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 94 Resp: 23470

Ion Ratio Lower Upper

94 100

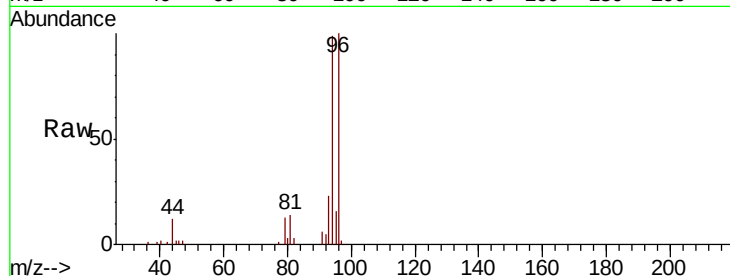
96 101.3 74.2 111.4

Manual Integrations

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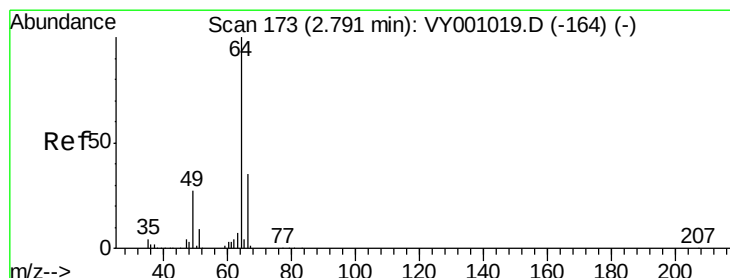
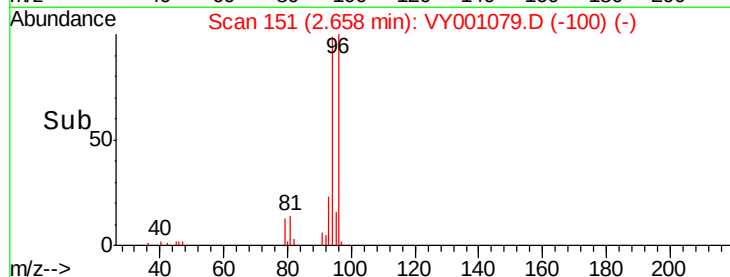
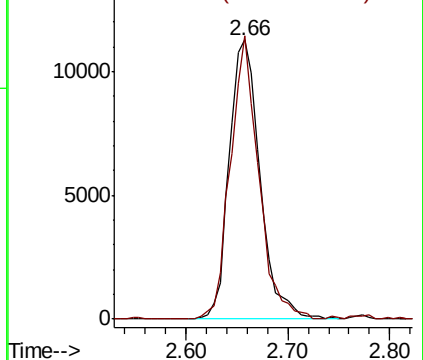
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.581 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001079.D

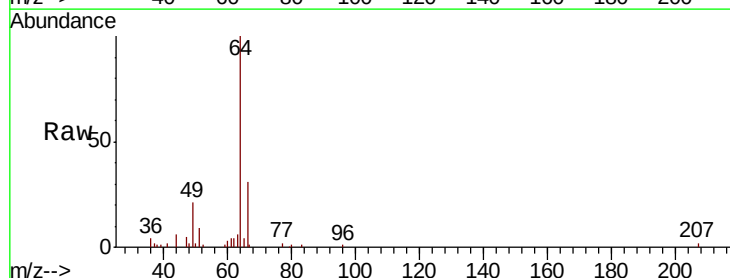
Acq: 26 Dec 2019 17:48

Tgt Ion: 64 Resp: 22534

Ion Ratio Lower Upper

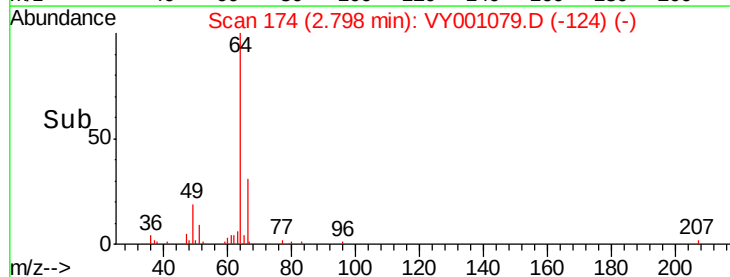
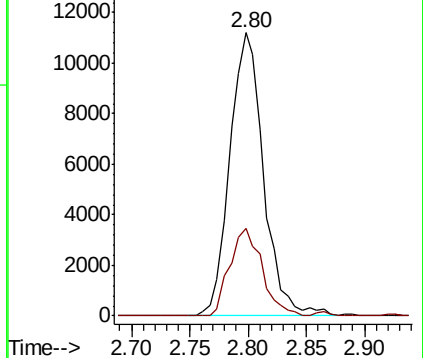
64 100

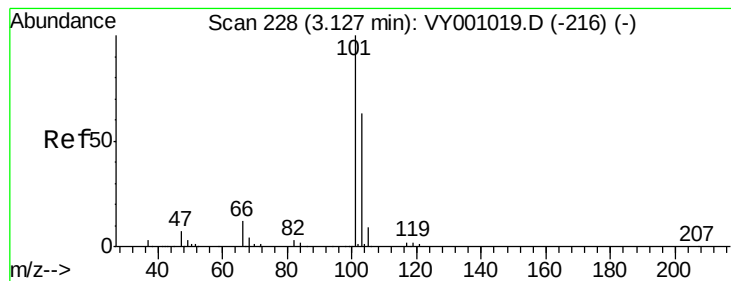
66 30.9 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

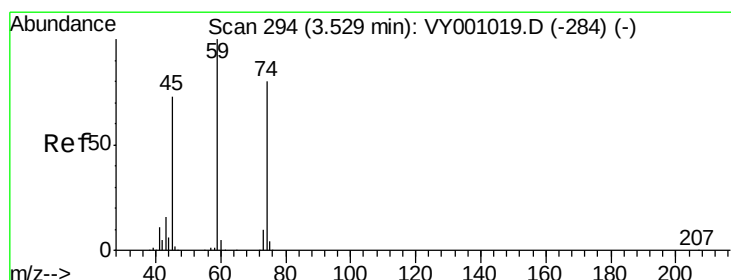
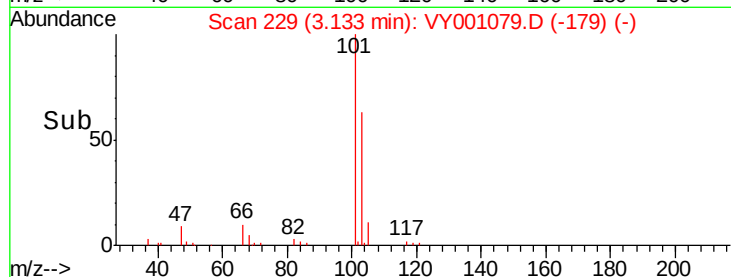
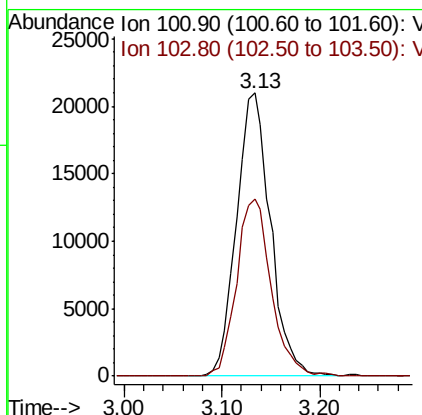
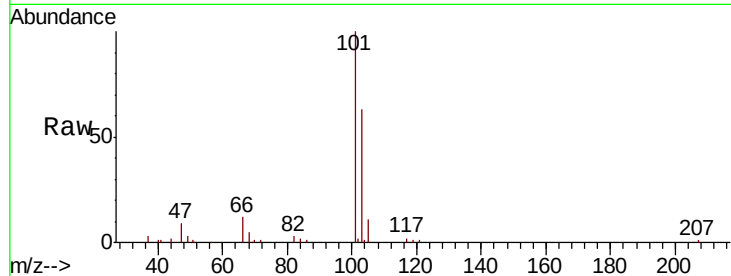
Trichlorofluoromethane
Concen: 42.545 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.2	75.2

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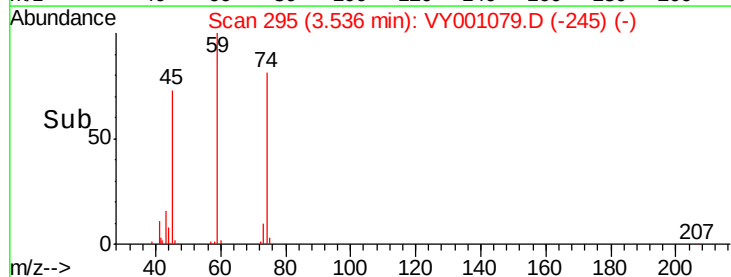
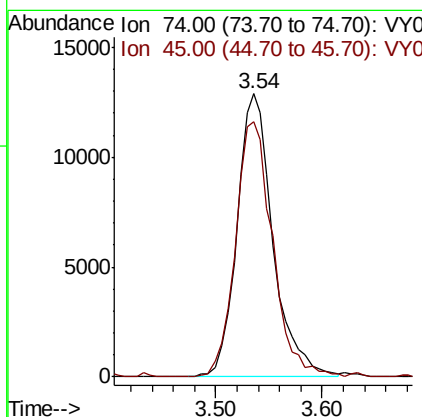
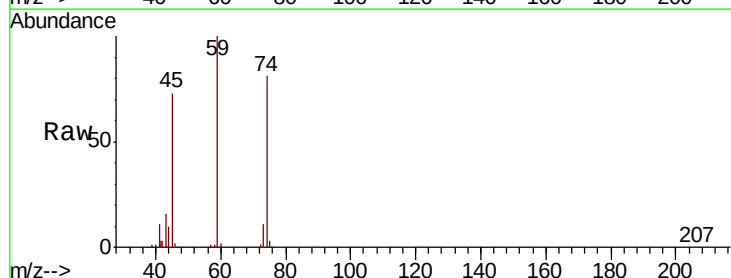
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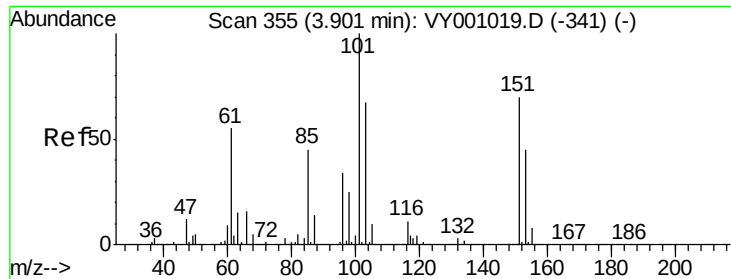


#8

Diethyl Ether
Concen: 62.848 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.613 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001079.D

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Instrument :

MSVOA_Y

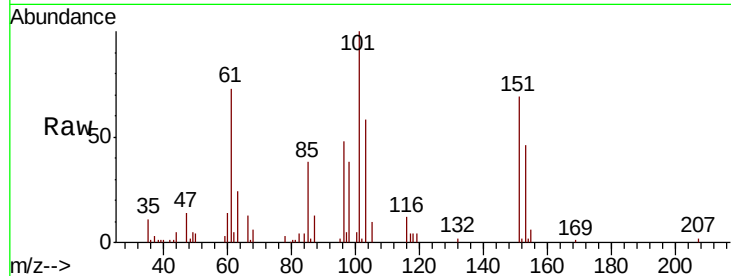
ClientSampleId :

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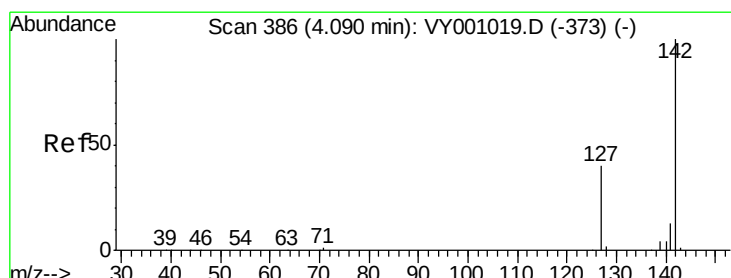
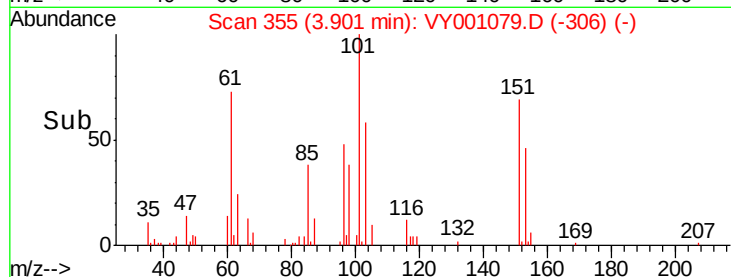
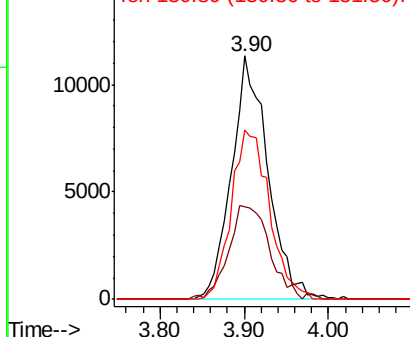
Tot Ion:	101	Resp:	33319
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.2
151	72.3	57.0	85.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.861 ug/l

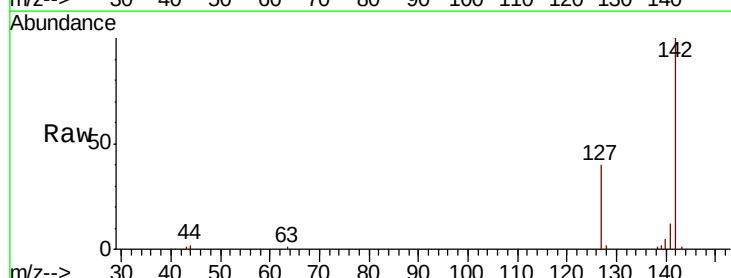
RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

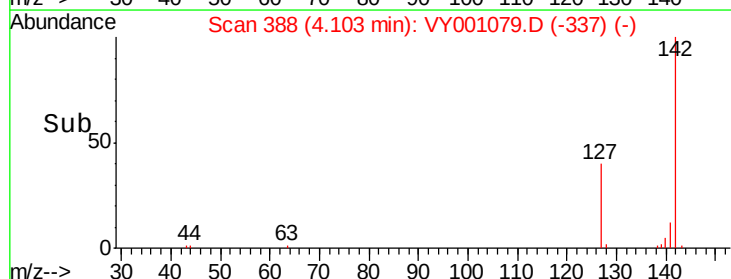
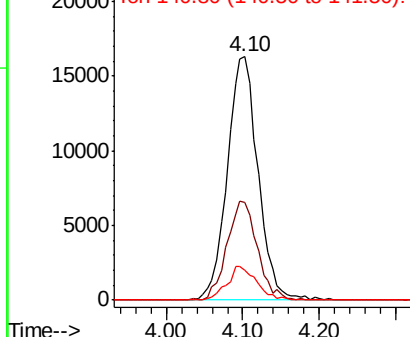
Lab File: VY001079.D

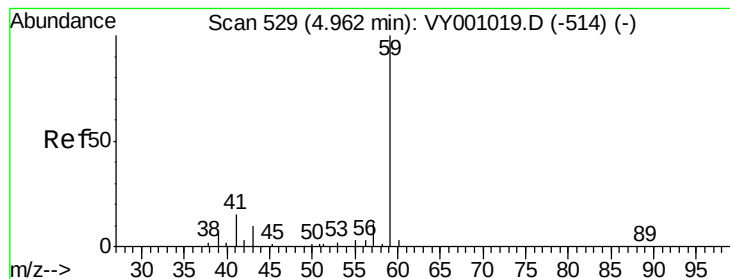
Acq: 26 Dec 2019 17:48

Tgt Ion:	142	Resp:	45223
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.2	46.8
141	13.3	11.0	16.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

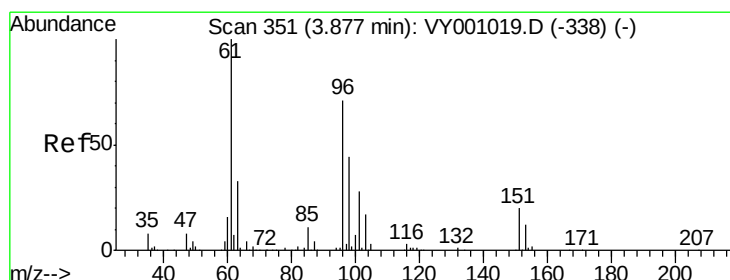
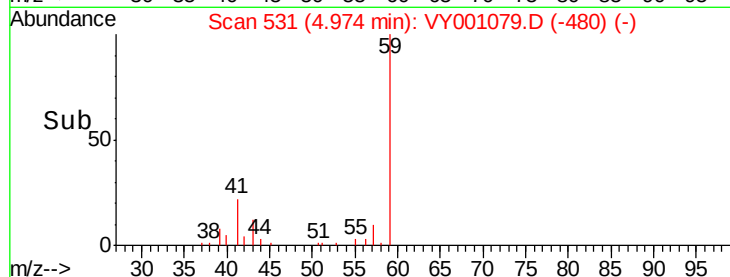
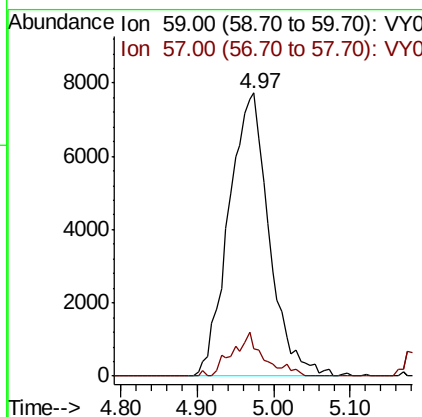
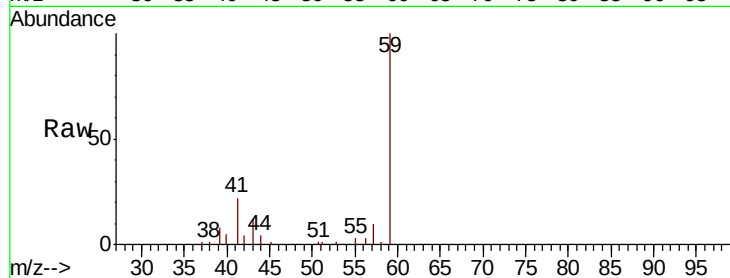
Tert butyl alcohol
Concen: 370.167 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion: 59 Resp: 28286
Ion Ratio Lower Upper
59 100
57 12.0 7.8 11.6#

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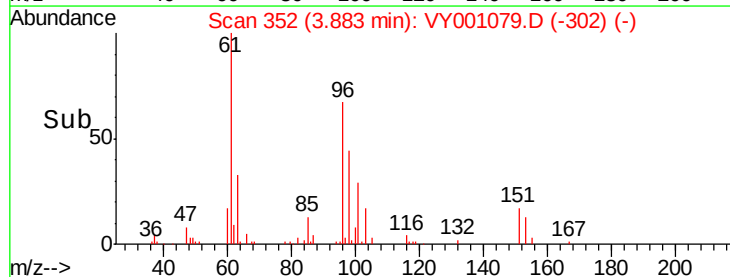
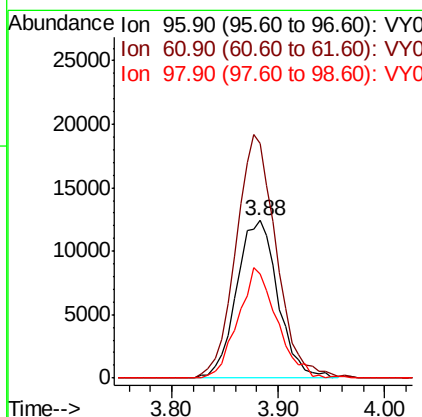
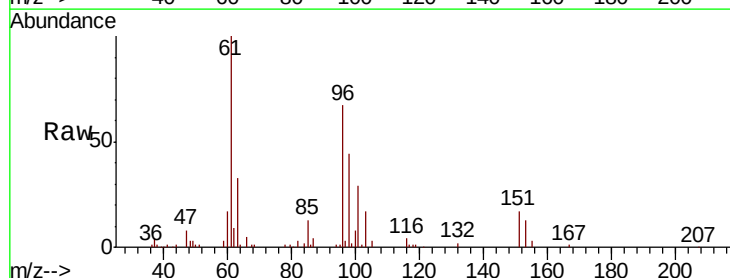
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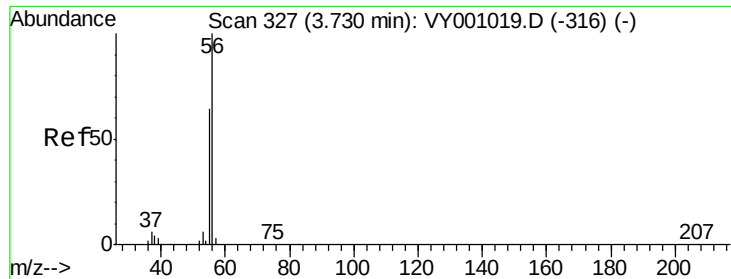


#12

1,1-Dichloroethene
Concen: 42.832 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion: 96 Resp: 33906
Ion Ratio Lower Upper
96 100
61 149.3 113.0 169.4
98 65.8 49.8 74.8





#13

Acrolein

Concen: 95.005 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 56 Resp: 8995

Ion Ratio Lower Upper

56 100

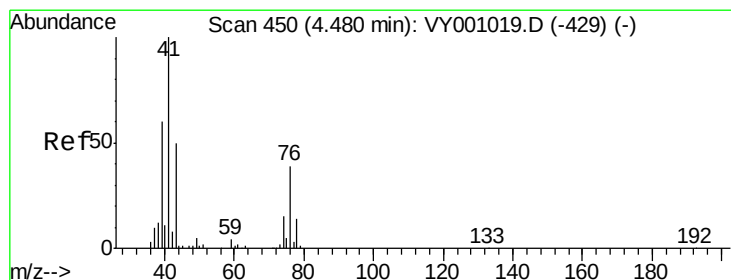
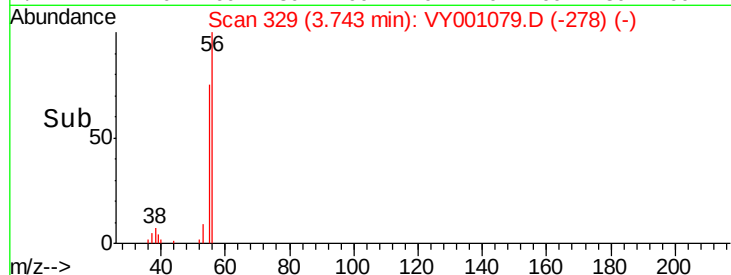
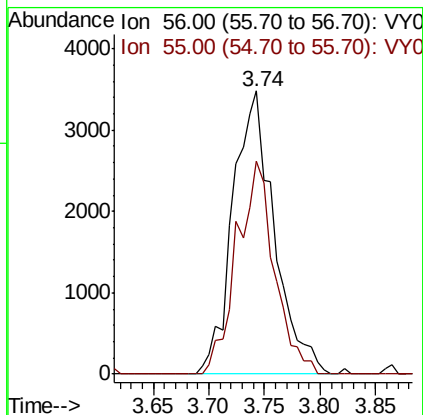
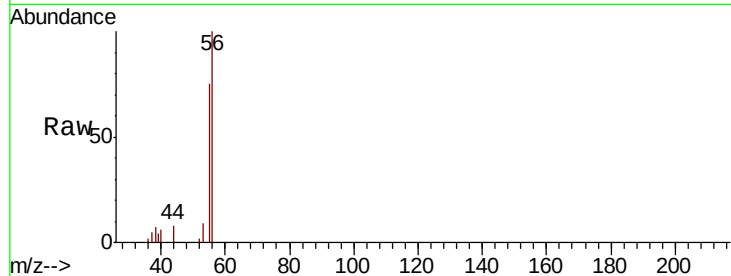
55 67.9 55.6 83.4

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#14

Allyl chloride

Concen: 44.993 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

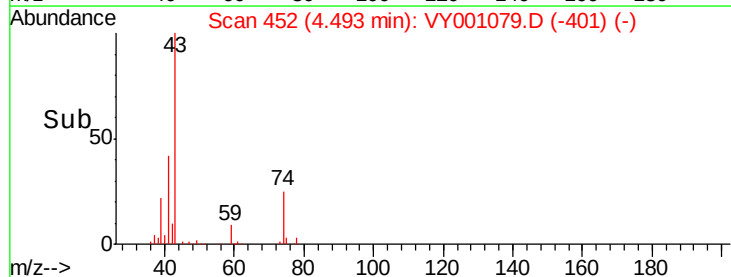
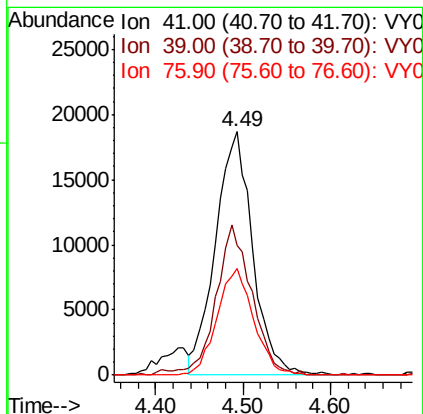
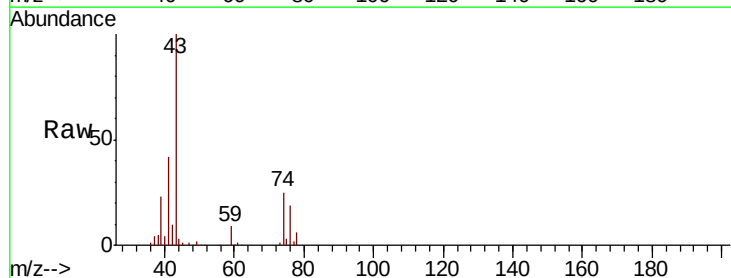
Tgt Ion: 41 Resp: 55330

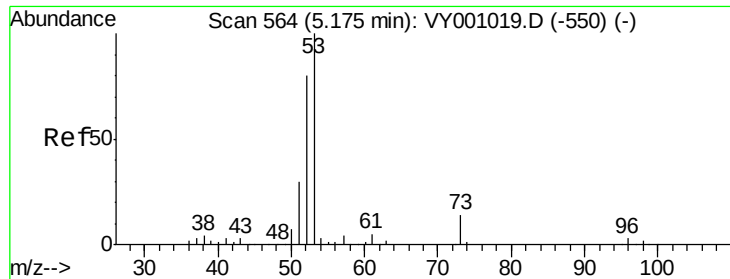
Ion Ratio Lower Upper

41 100

39 59.8 46.0 69.0

76 43.0 32.6 48.8





#15

Acrylonitrile

Concen: 377.725 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

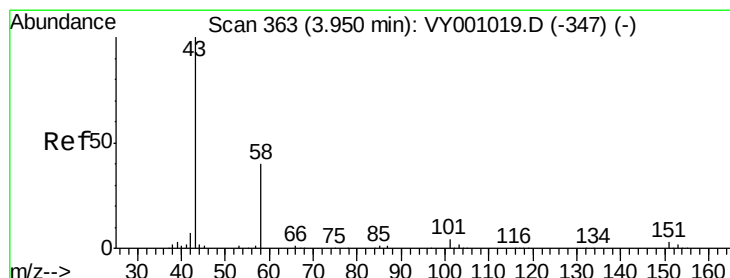
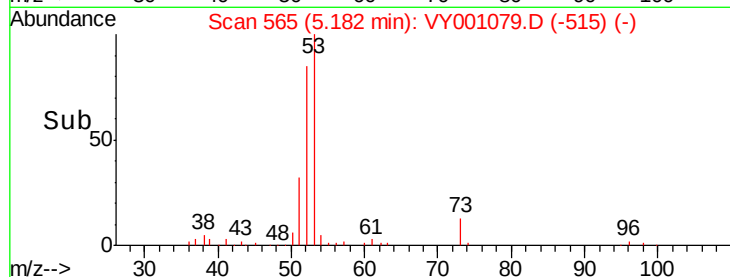
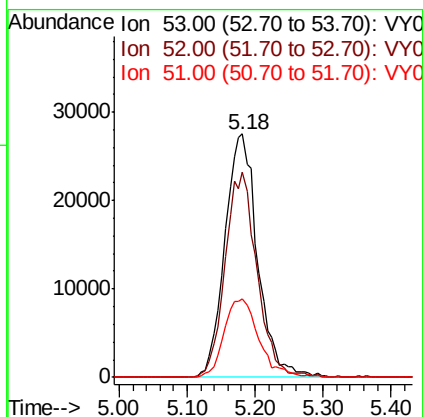
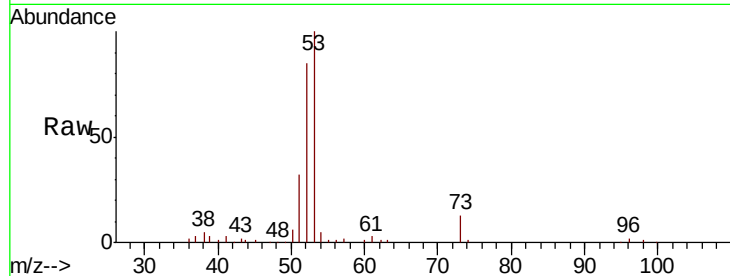
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	53	Resp:	91725
Ion Ratio	Lower	Upper	
53	100		
52	82.0	63.6	95.4
51	34.2	26.7	40.1

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#16

Acetone

Concen: 388.907 ug/l

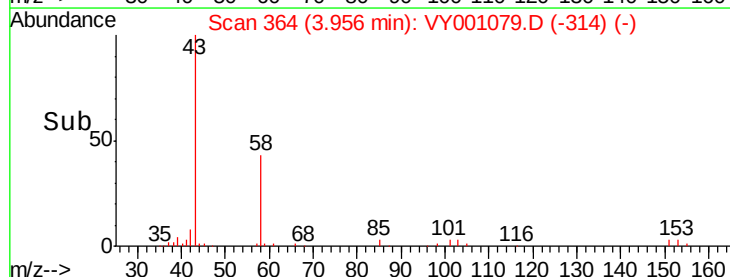
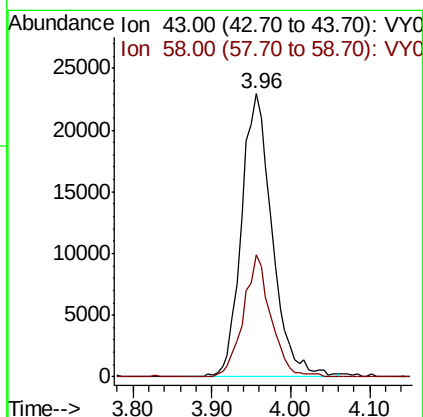
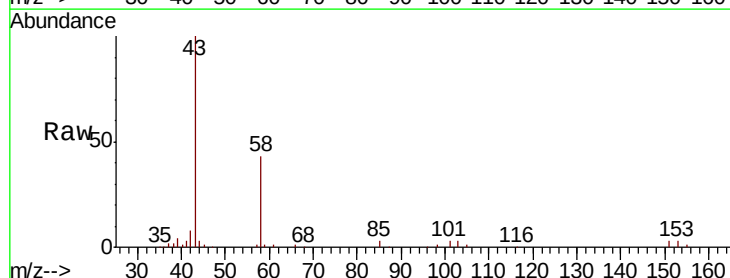
RT: 3.96 min Scan# 364

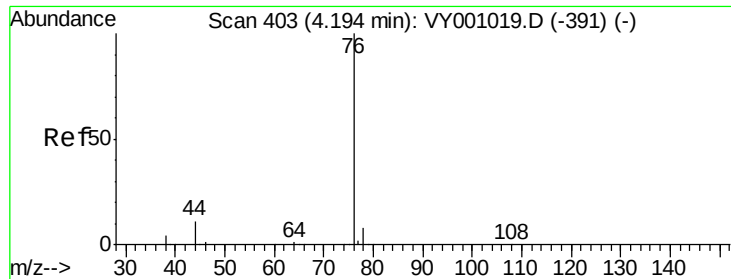
Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	43	Resp:	62265
Ion Ratio	Lower	Upper	
43	100		
58	43.3	32.1	48.1





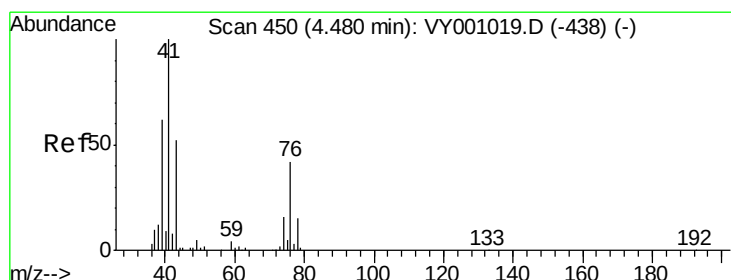
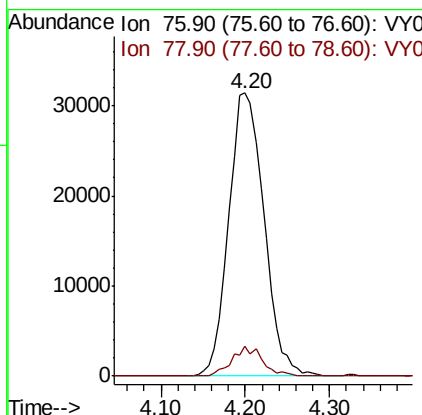
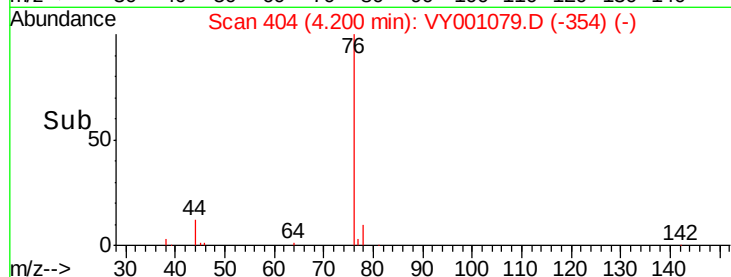
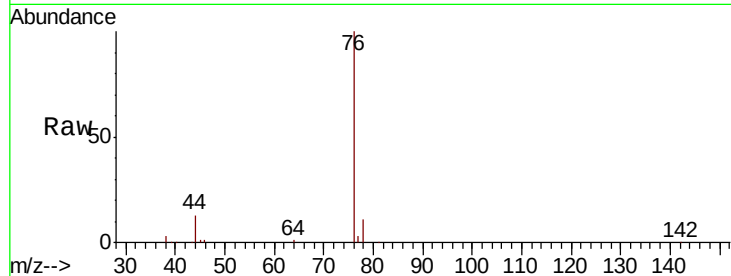
#17
Carbon Disulfide
Concen: 34.484 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion: 76 Resp: 89202
Ion Ratio Lower Upper
76 100
78 10.5 6.7 10.1#

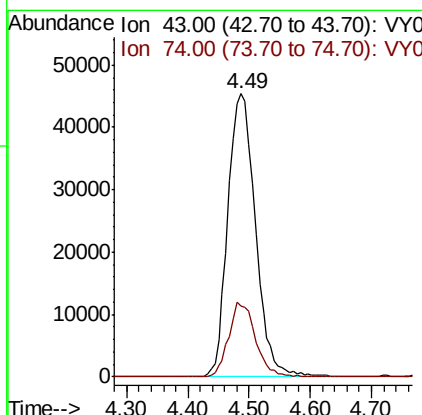
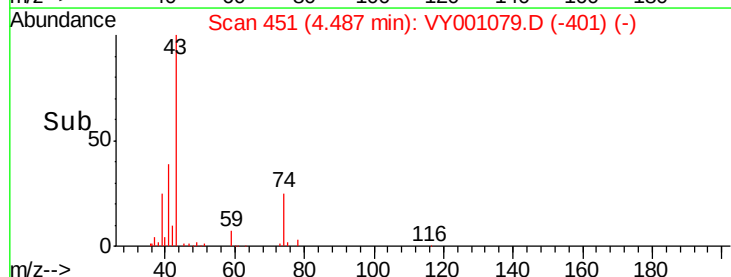
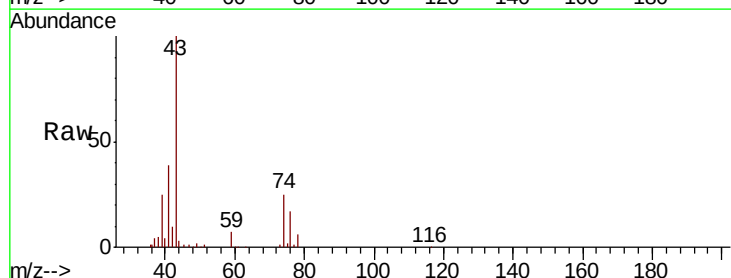
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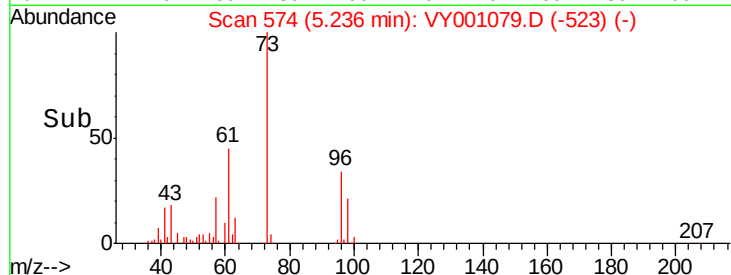
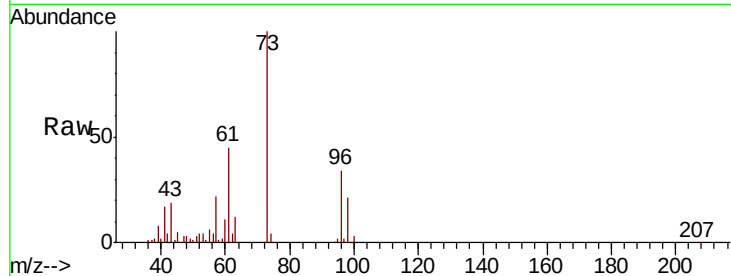
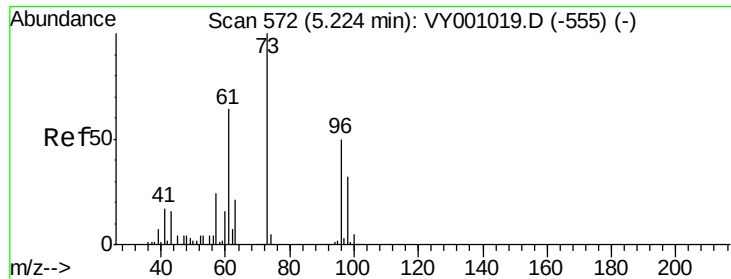
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#18
Methyl Acetate
Concen: 229.779 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion: 43 Resp: 141140
Ion Ratio Lower Upper
43 100
74 25.1 20.7 31.1





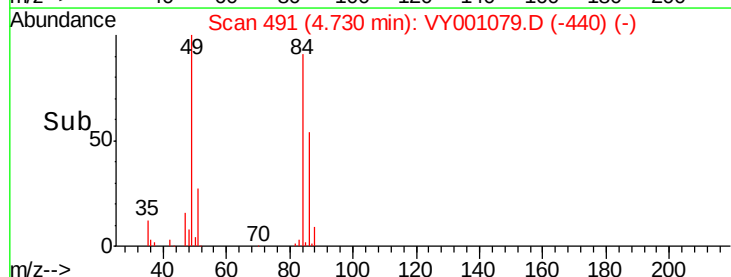
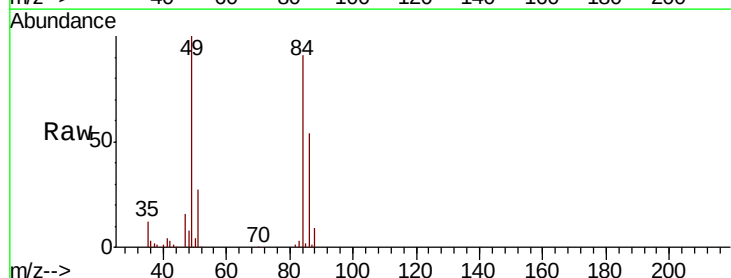
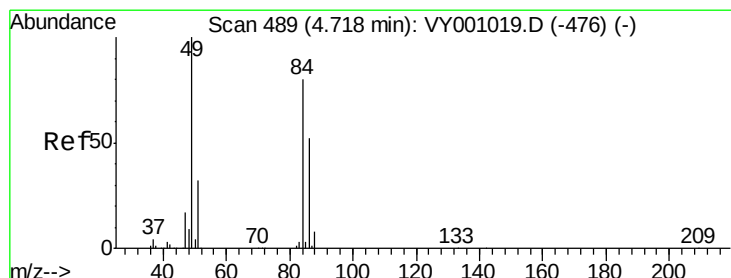
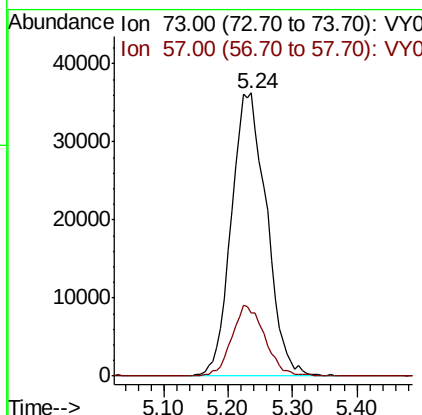
#19
Methyl tert-butyl Ether
Concen: 67.447 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tot Ion: 73 Resp: 137804
Ion Ratio Lower Upper
73 100
57 22.1 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

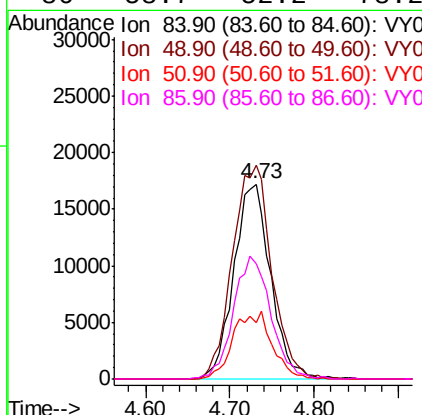
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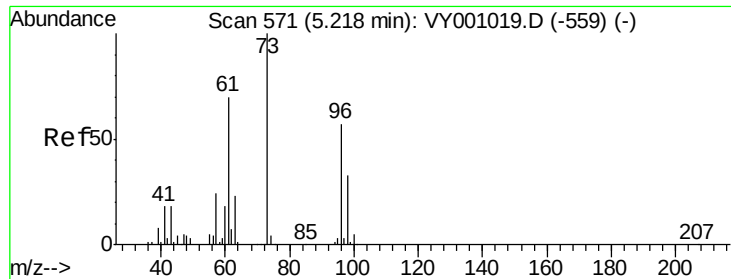
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#20
Methylene Chloride
Concen: 53.978 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion: 84 Resp: 50867
Ion Ratio Lower Upper
84 100
49 109.4 99.8 149.6
51 29.0 31.4 47.2#
86 58.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.066 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

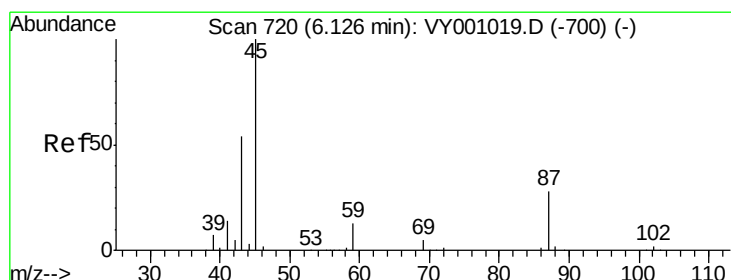
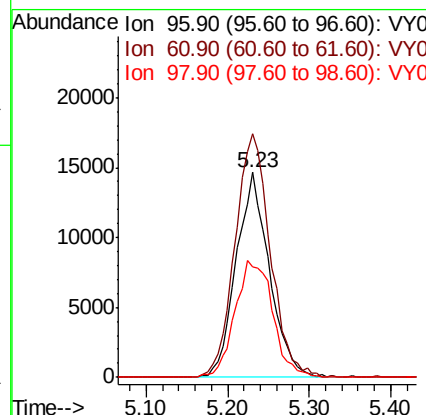
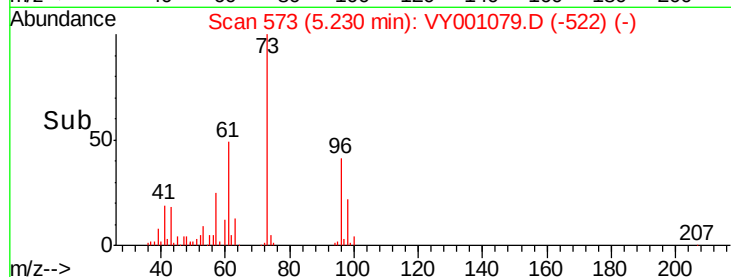
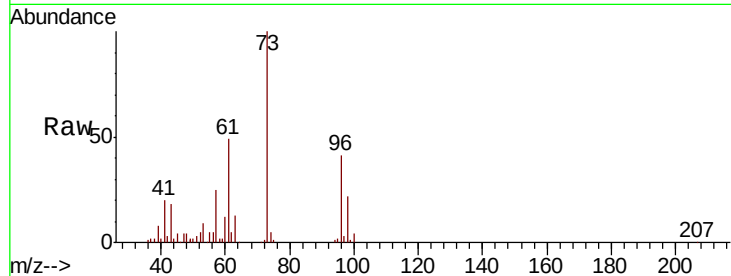
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	96	Resp:	41291
Ion	Ratio	Lower	Upper
96	100		
61	118.7	98.1	147.1
98	54.1	47.2	70.8

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#22

Diisopropyl ether

Concen: 58.464 ug/l

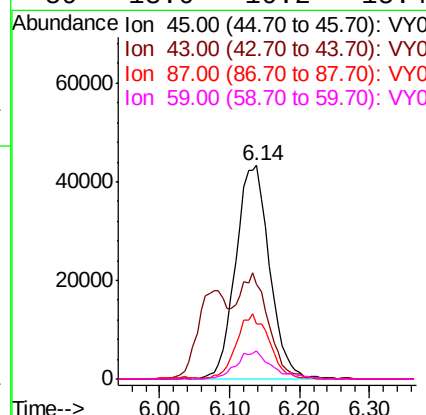
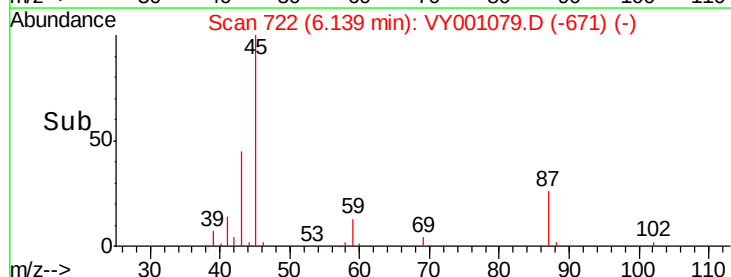
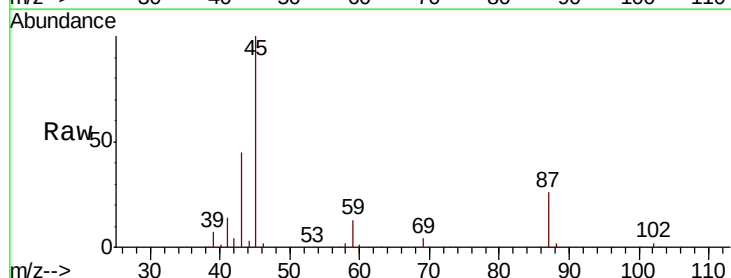
RT: 6.14 min Scan# 722

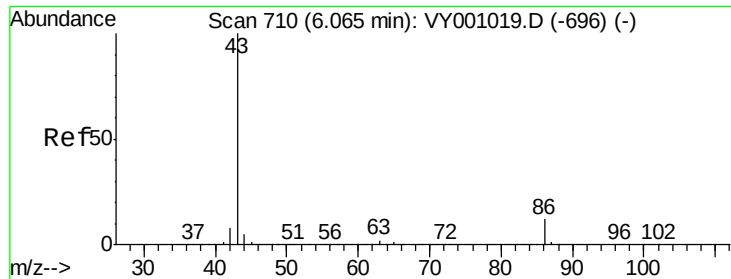
Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	45	Resp:	145322
Ion	Ratio	Lower	Upper
45	100		
43	44.1	43.6	65.4
87	25.7	23.1	34.7
59	13.0	10.2	15.4





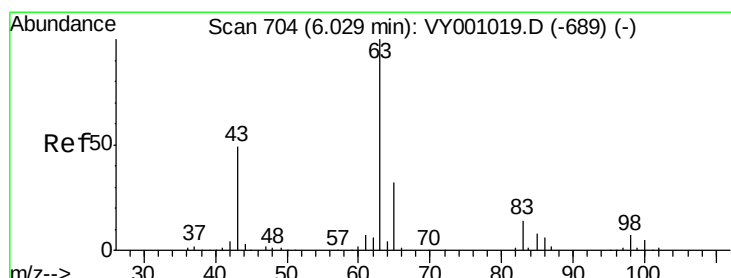
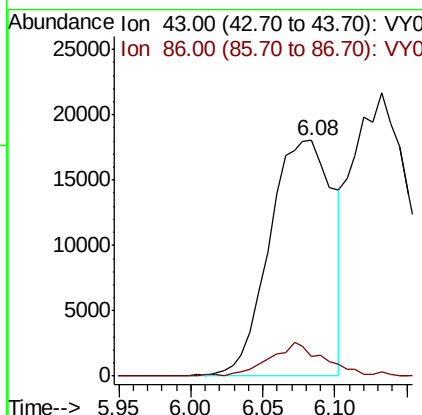
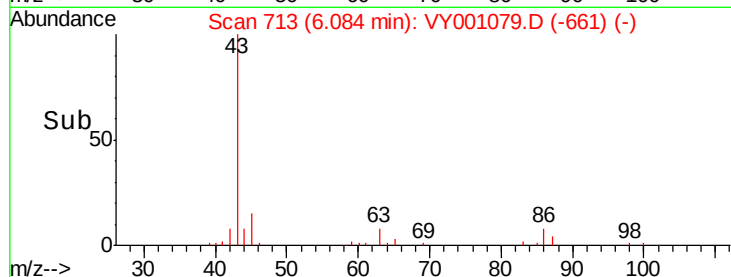
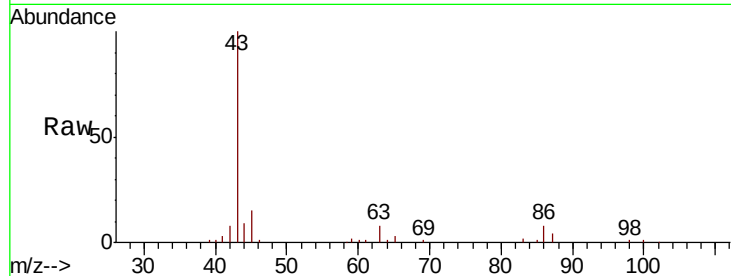
#23
 Vinyl Acetate
 Concen: 35.310 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. 0.02 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	43	86	Resp	Lower	Upper
55430	100	8.4		9.5	14.3#

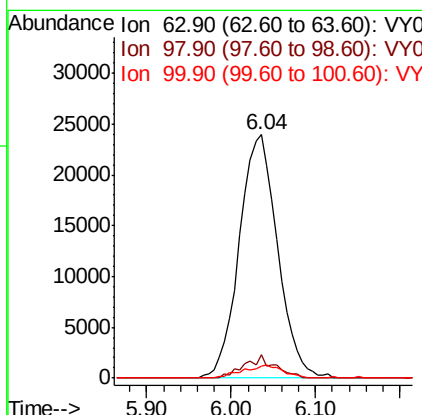
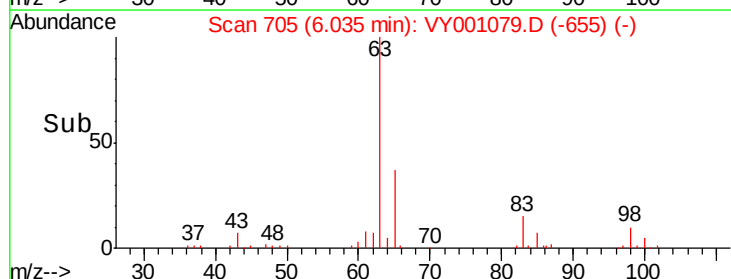
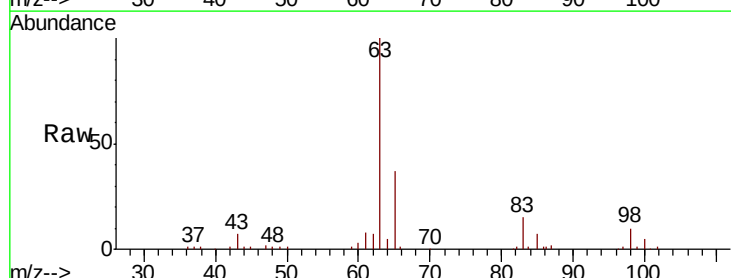
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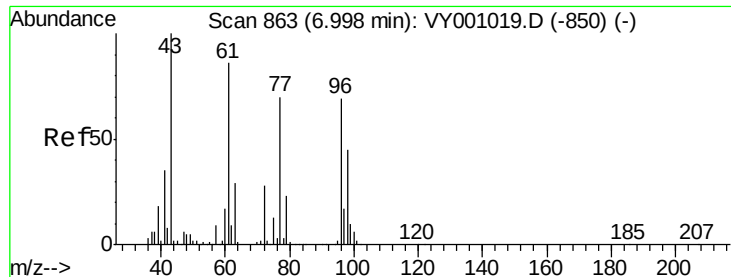
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#24
 1,1-Dichloroethane
 Concen: 50.337 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	63	98	100	Resp	Lower	Upper
73941	100	9.8	4.9		3.8	11.2
					2.5	7.5





#25

2-Butanone

Concen: 392.574 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion: 43 Resp: 110415

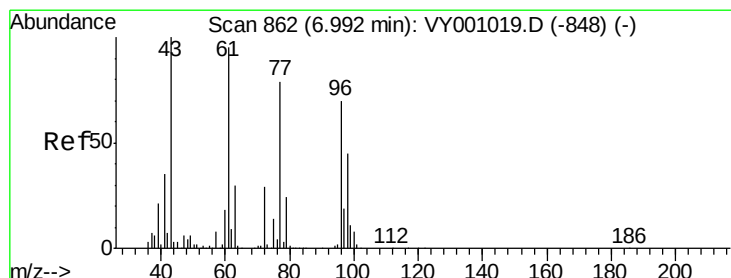
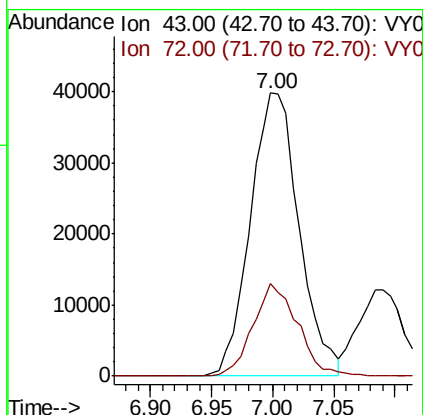
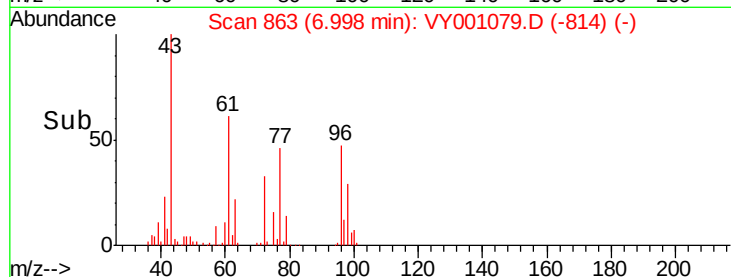
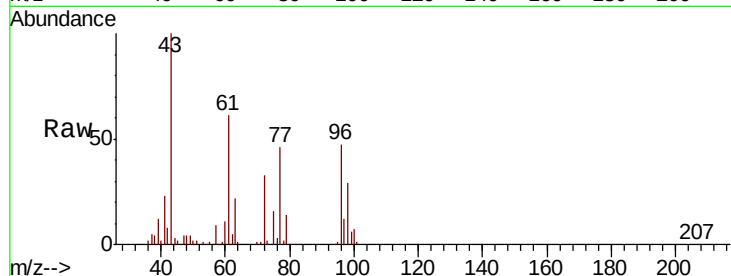
Ion Ratio Lower Upper

43 100

72 32.7 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 45.369 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001079.D

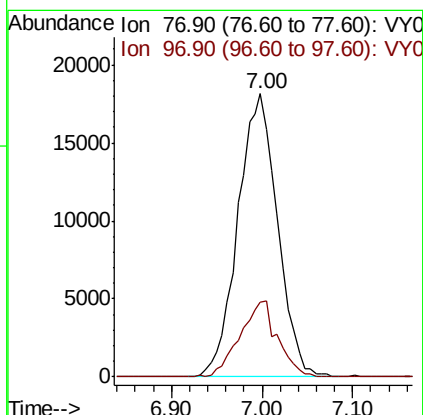
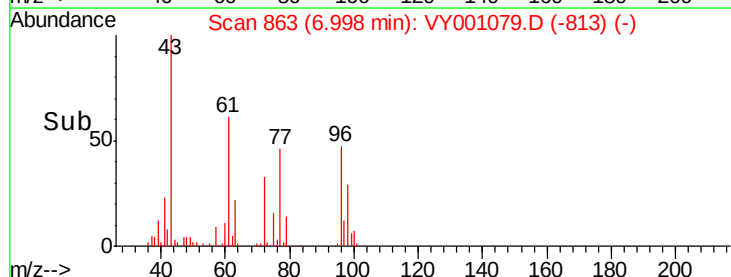
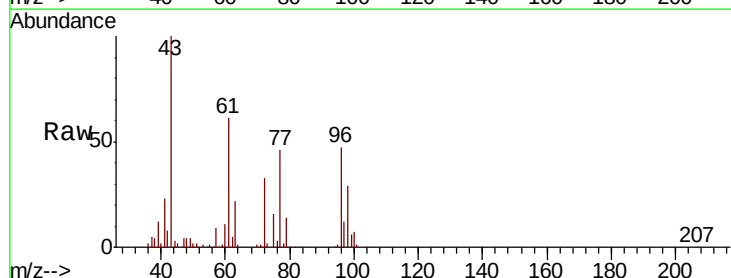
Acq: 26 Dec 2019 17:48

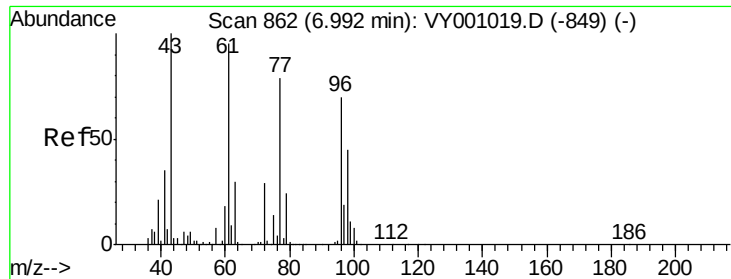
Tgt Ion: 77 Resp: 54753

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

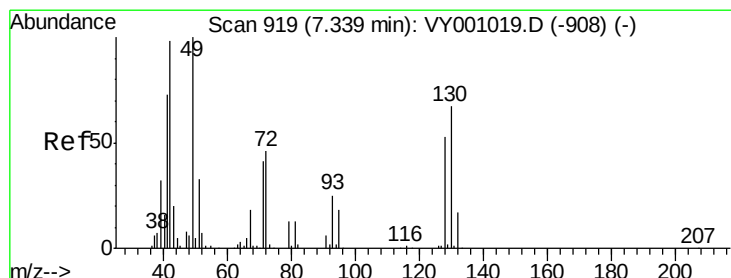
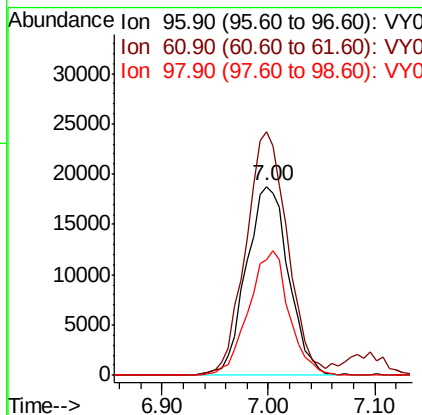
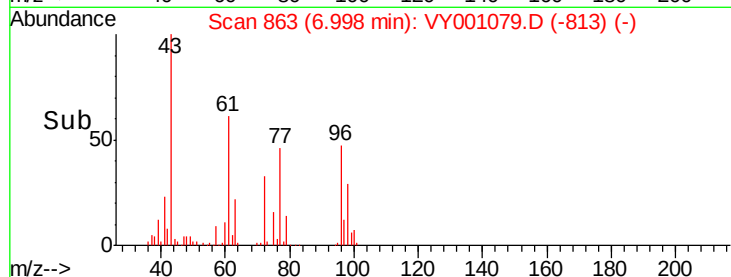
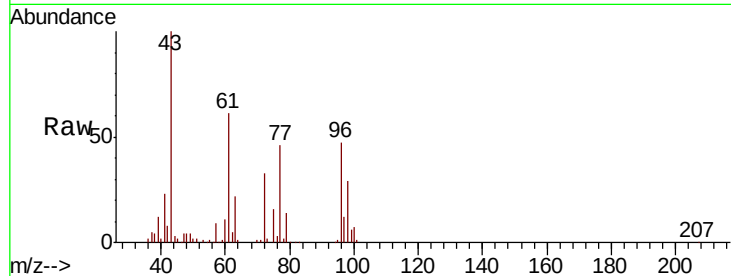
cis-1,2-Dichloroethene
Concen: 54.224 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	268.2
98	63.0	0.0	129.2

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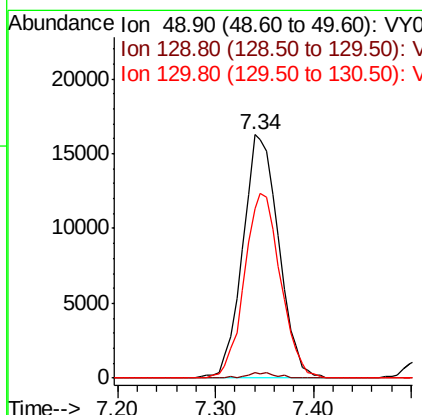
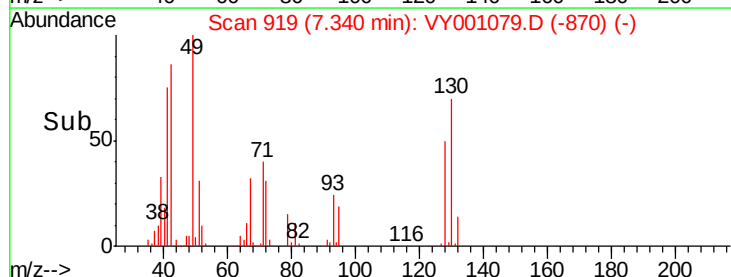
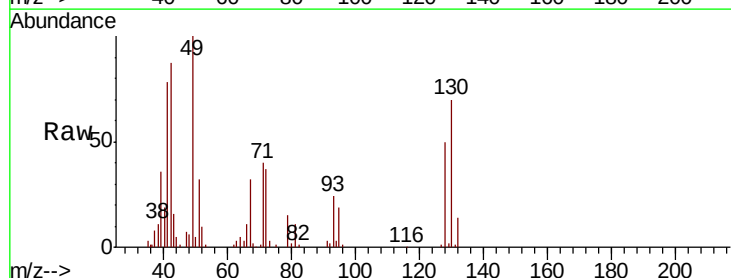
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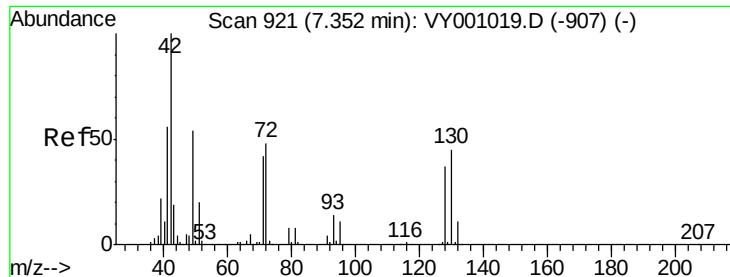


#28

Bromochloromethane
Concen: 72.264 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	76.3	60.4	90.6





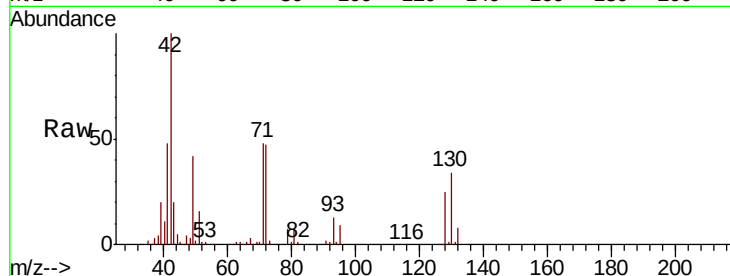
#29
Tetrahydrofuran
Concen: 381.732 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.7	56.5
71	45.0	34.6	51.8

Manual Integrations
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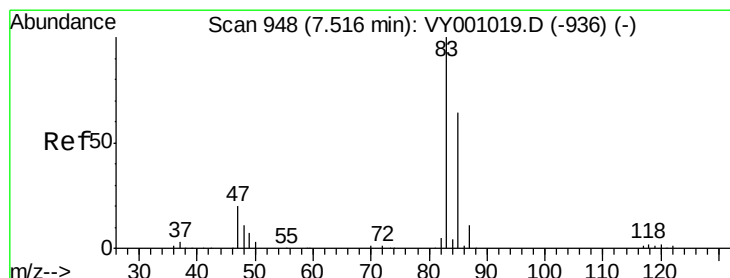
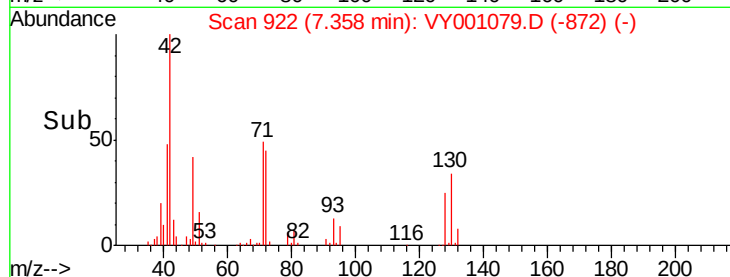
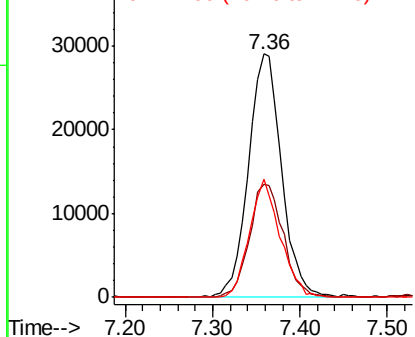


Abundance

Ion 42.00 (41.70 to 42.70): VY0

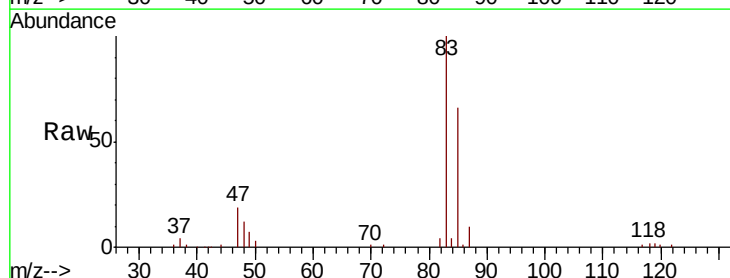
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 54.727 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

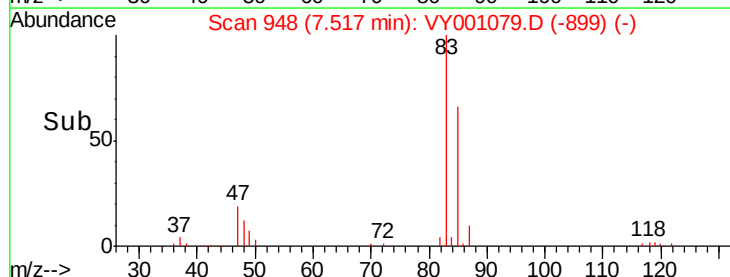
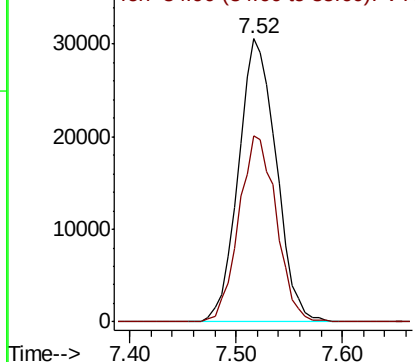
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.6	77.4

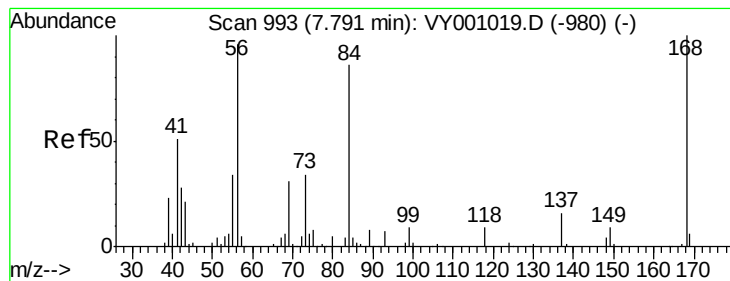


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 36.372 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 56 Resp: 56180

Ion Ratio Lower Upper

56 100

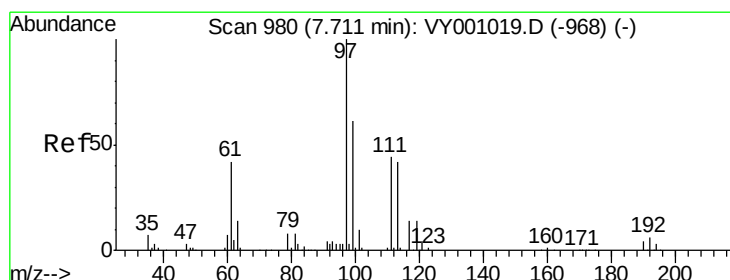
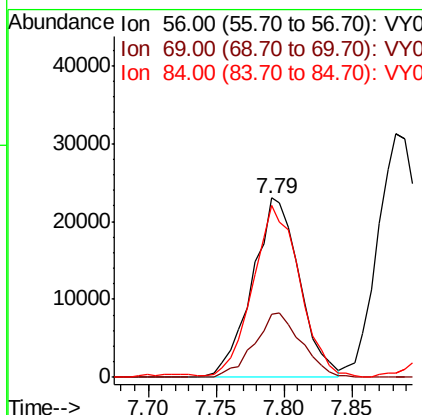
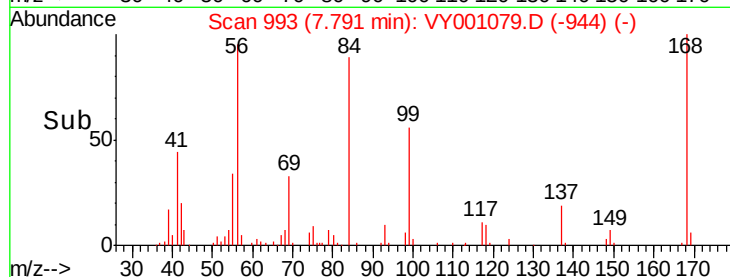
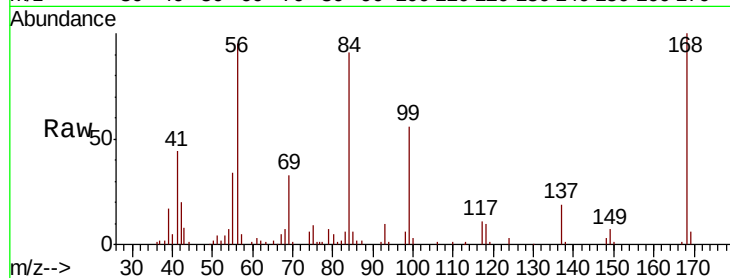
69 34.8 26.1 39.1

84 94.2 71.8 107.8

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#32

1,1,1-Trichloroethane

Concen: 47.626 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

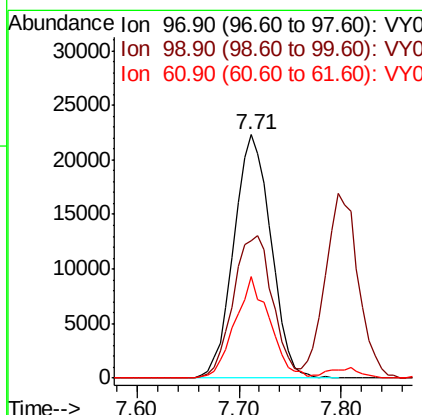
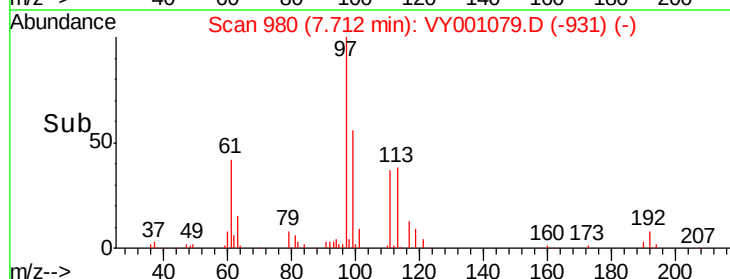
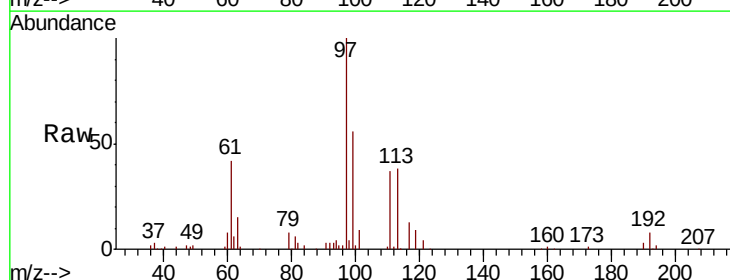
Tgt Ion: 97 Resp: 56430

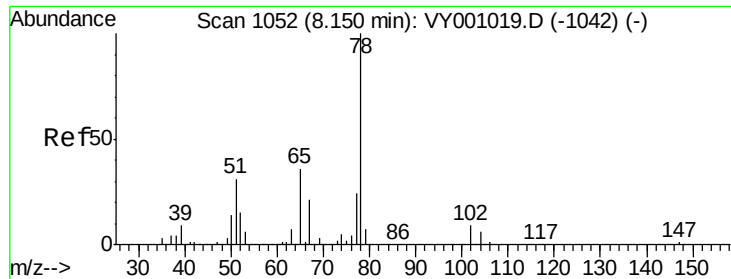
Ion Ratio Lower Upper

97 100

99 61.8 50.6 76.0

61 39.2 33.0 49.6





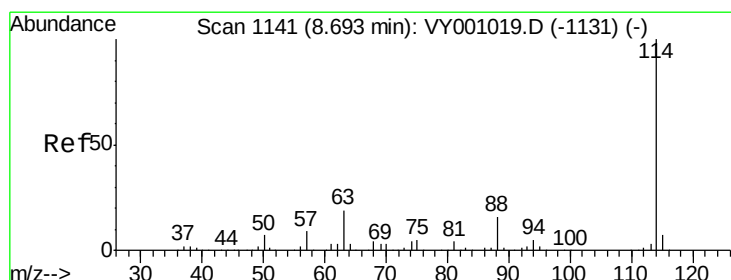
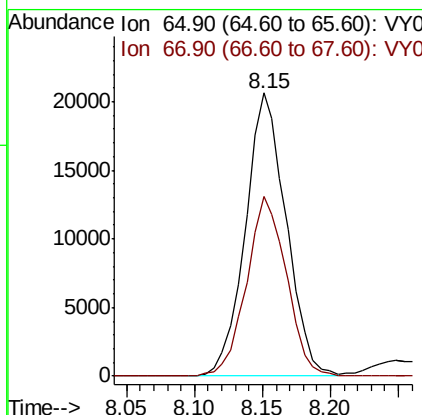
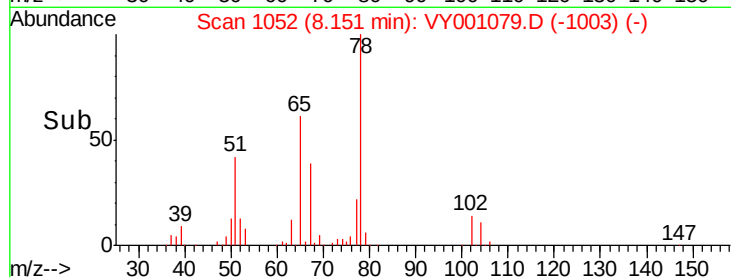
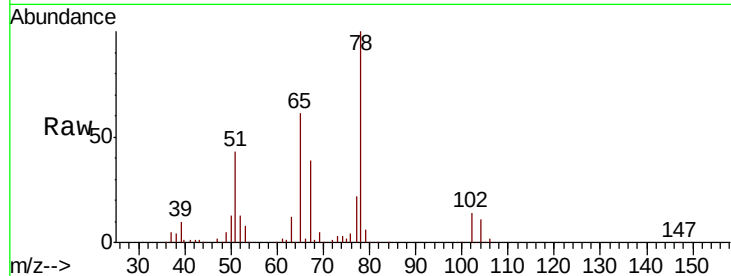
#33
 1,2-Dichloroethane-d4
 Concen: 62.256 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	62.0	0.0	112.8

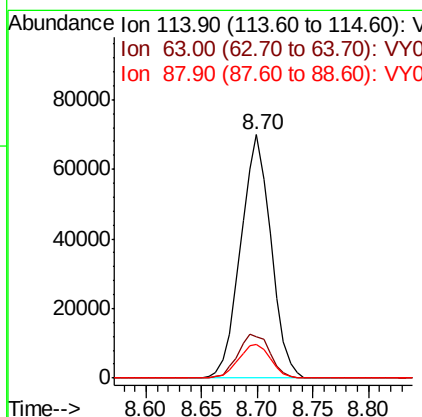
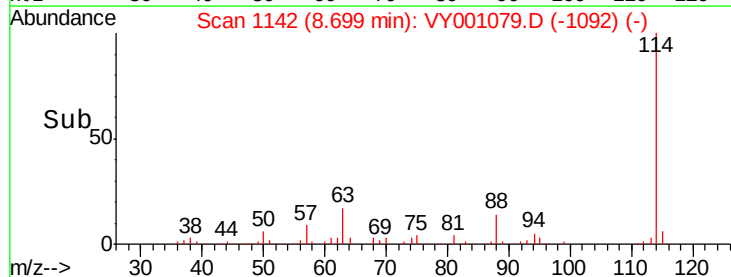
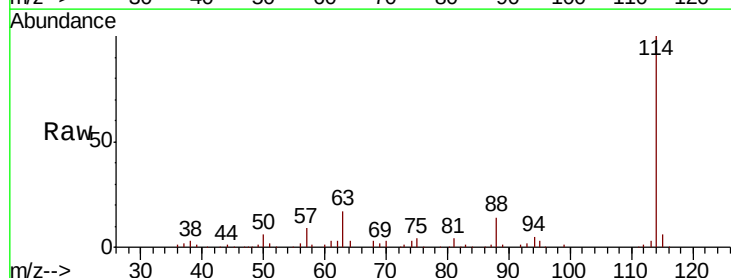
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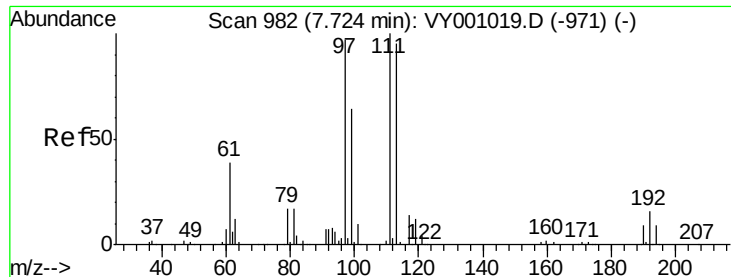
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	37.0
88	13.7	0.0	32.0





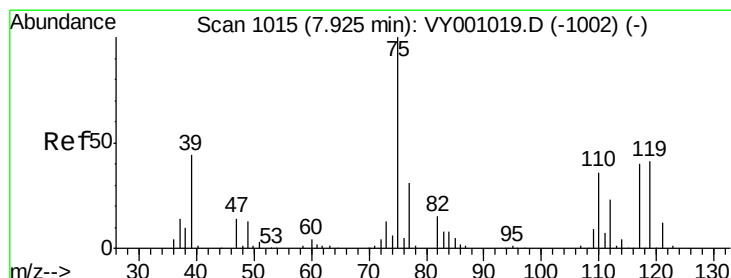
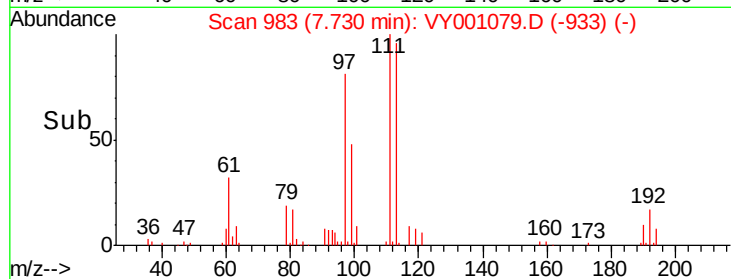
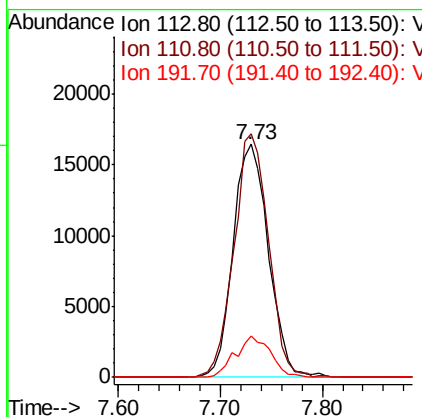
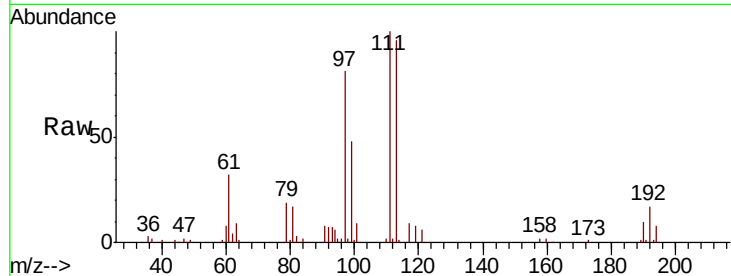
#35
 Dibromofluoromethane
 Concen: 50.973 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	39591		
111	101.7	83.0	124.4	
192	17.6	14.6	21.8	

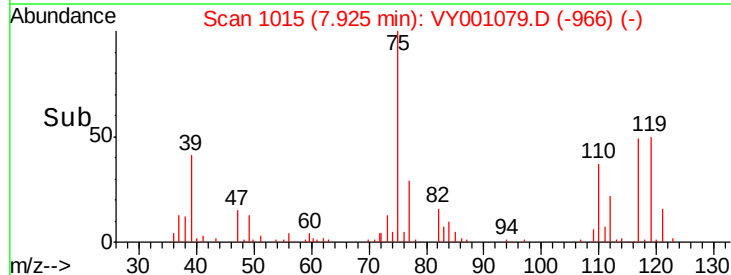
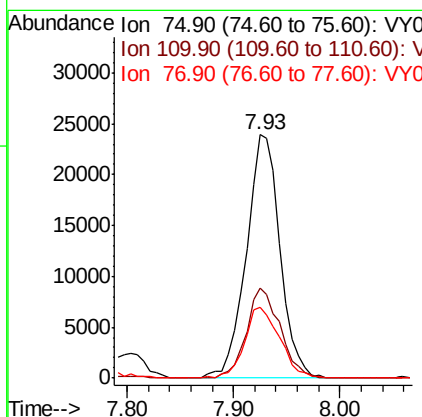
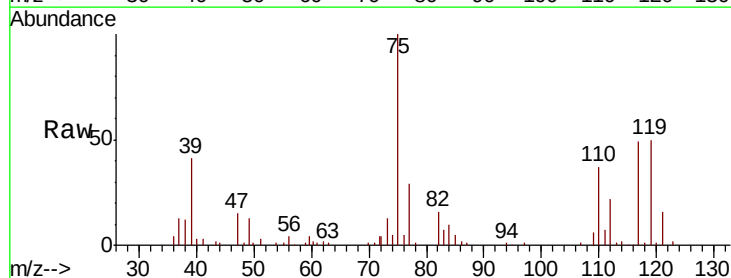
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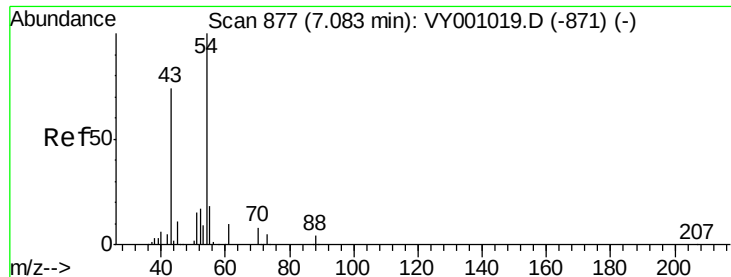
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#36
 1,1-Dichloropropene
 Concen: 42.121 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53002		
110	36.9	18.1	54.4	
77	30.2	24.6	37.0	





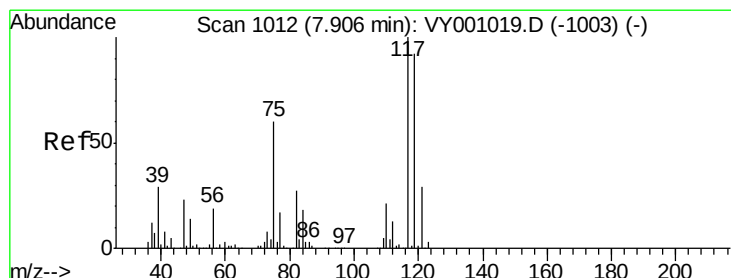
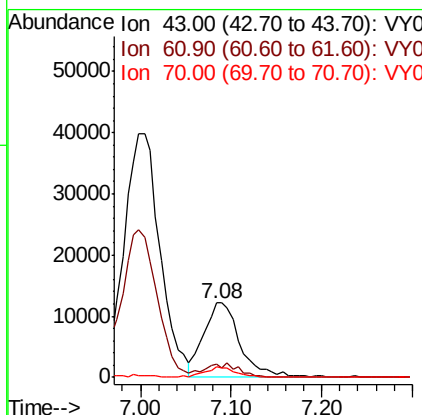
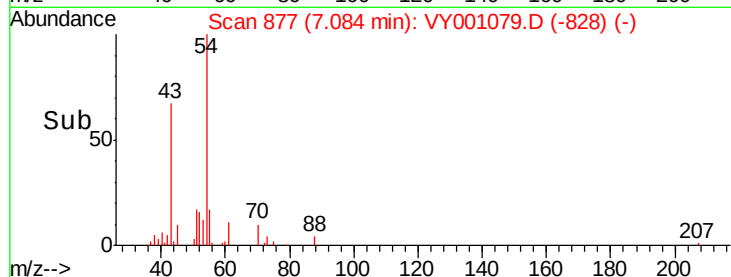
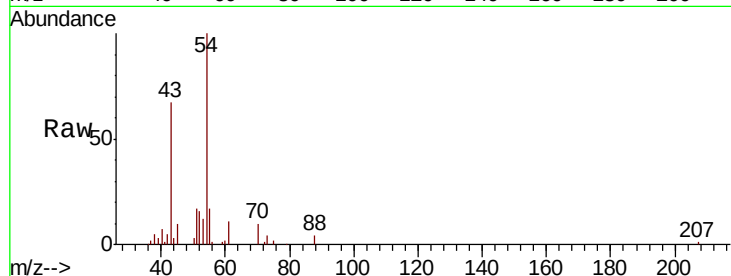
#37
Ethyl Acetate
Concen: 48.781 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.5	18.7#
70	12.2	9.0	13.4

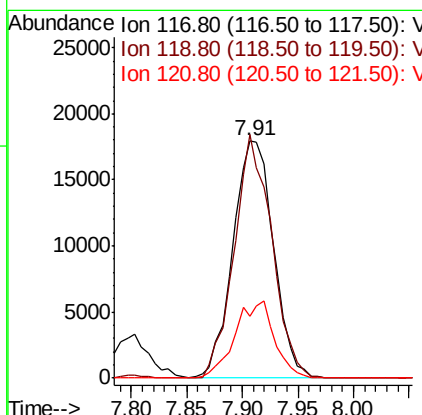
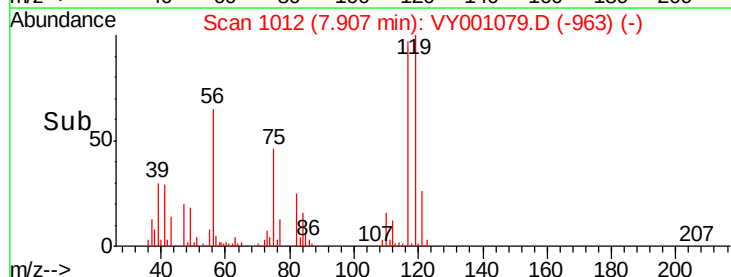
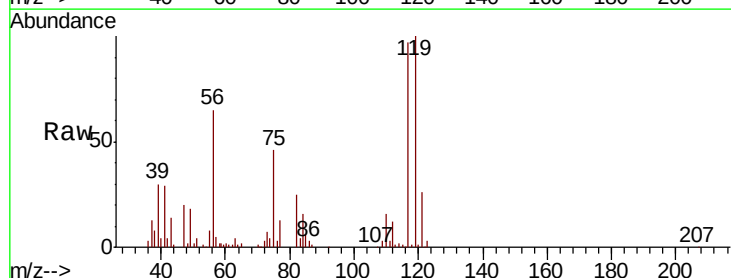
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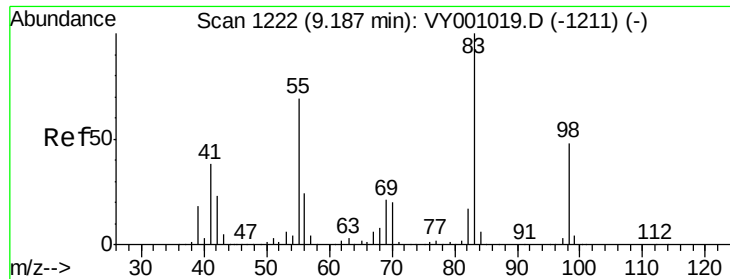
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#38
Carbon Tetrachloride
Concen: 41.328 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.6	74.2	111.2
121	26.3	22.9	34.3





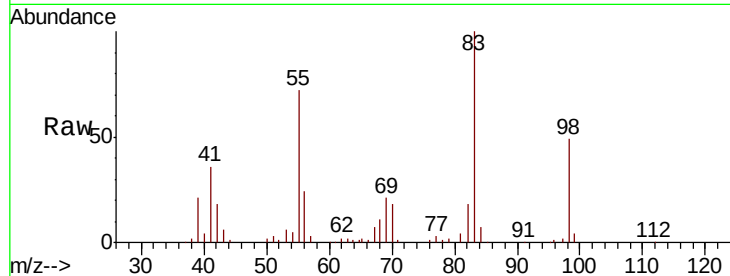
#39
Methylvlcyclohexane
Concen: 34.544 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	83	Resp	57723
Ion	Ratio	Lower	Upper
83	100		
55	72.3	55.1	82.7
98	48.9	38.3	57.5

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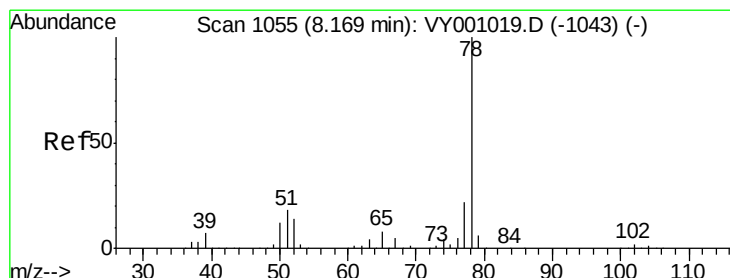
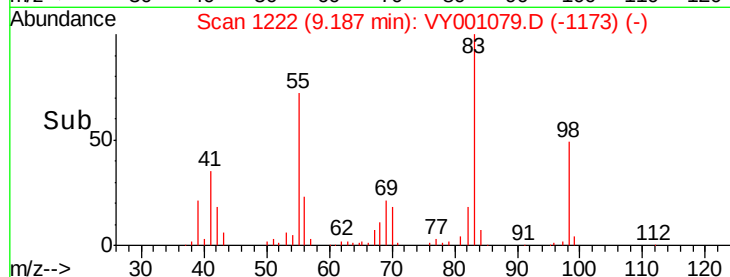
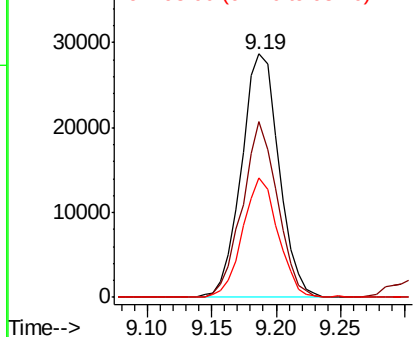


Abundance

Ion 83.00 (82.70 to 83.70): VY0

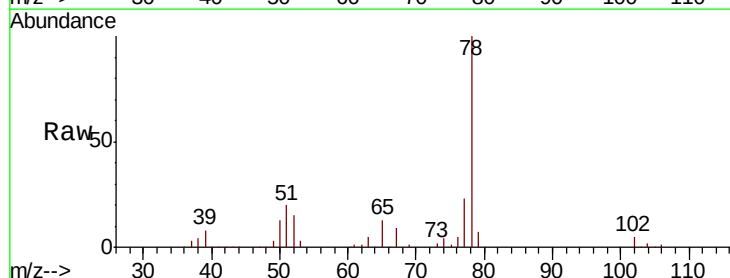
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 47.608 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

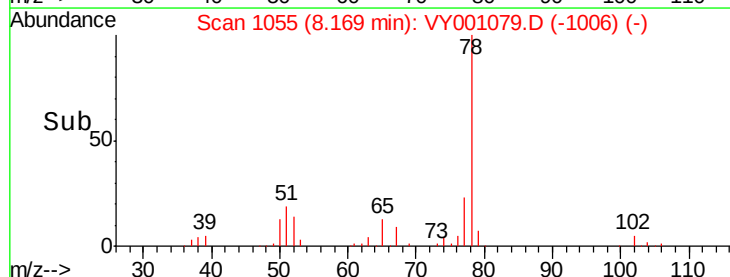
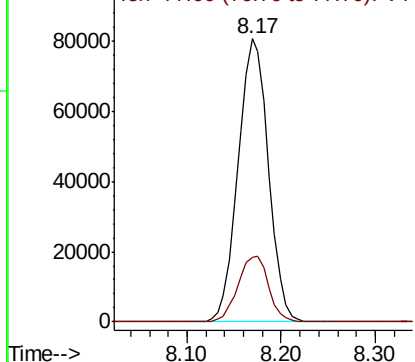
Tgt Ion	78	Resp	180730
Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.7	26.5

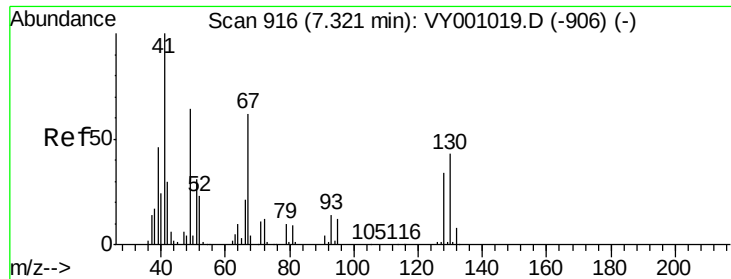


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





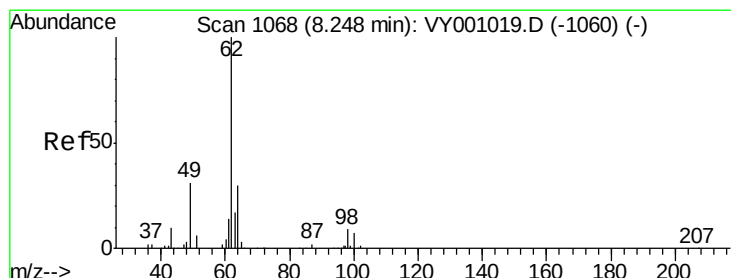
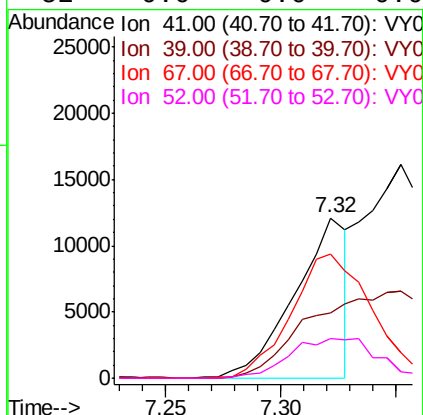
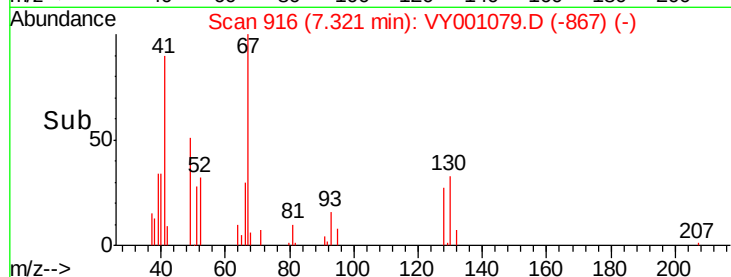
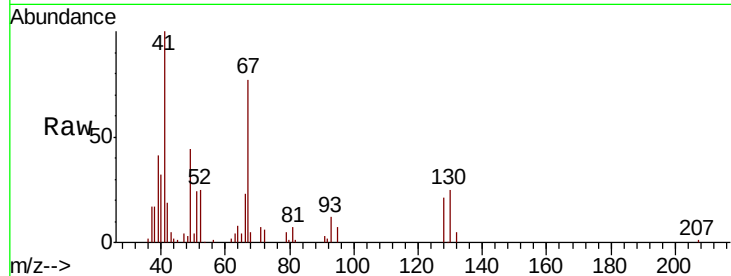
#41
Methacrylonitrile
Concen: 64.013 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	147.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

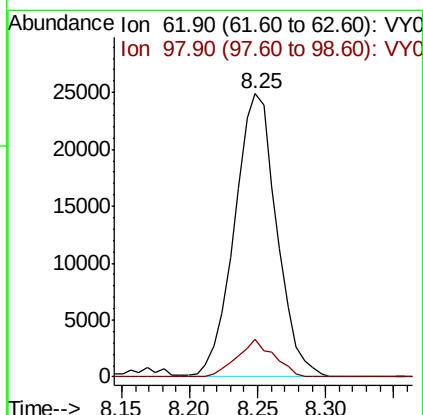
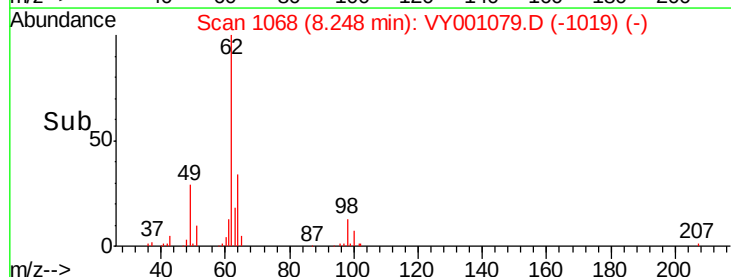
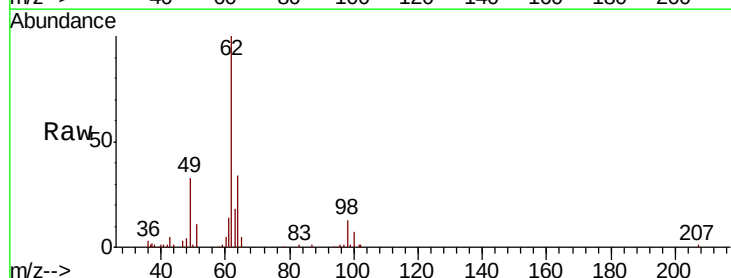
Manual Integrations
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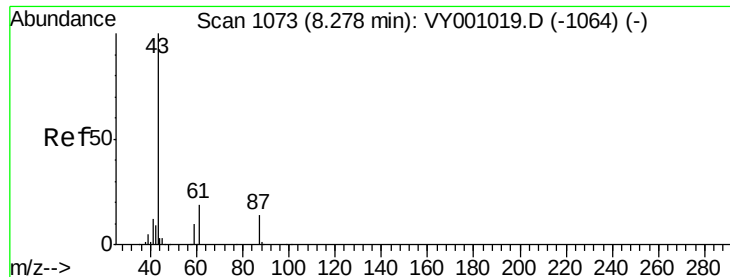
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#42
1,2-Dichloroethane
Concen: 59.487 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.4





#43

Isopropyl Acetate

Concen: 53.029 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

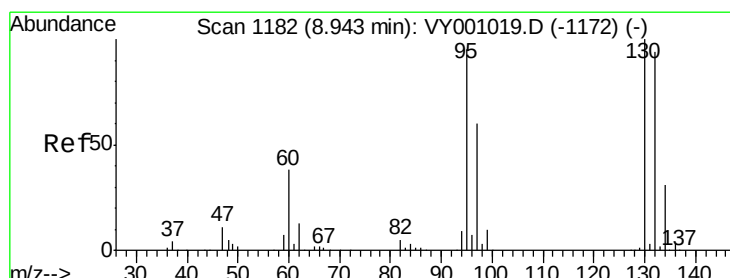
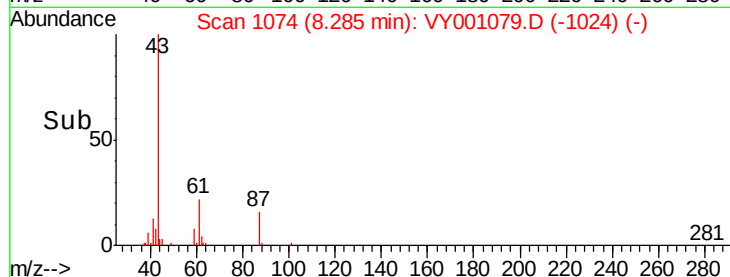
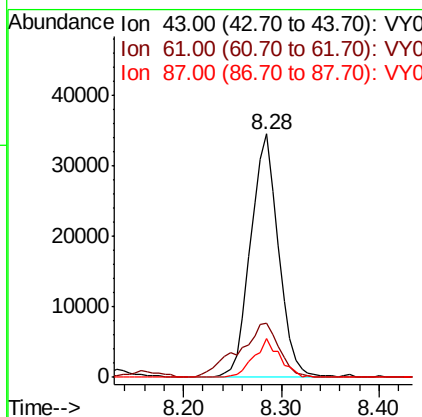
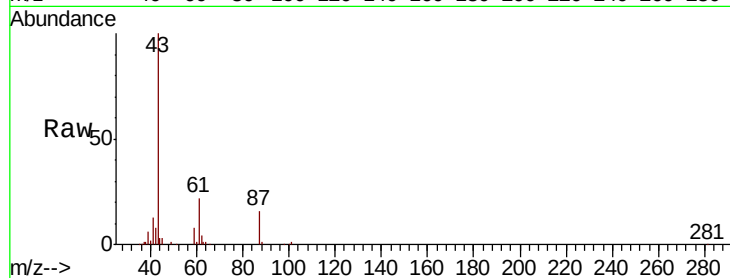
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	43	Resp:	68397
Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.0	37.6
87	14.9	12.0	18.0

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#44

Trichloroethene

Concen: 47.605 ug/l

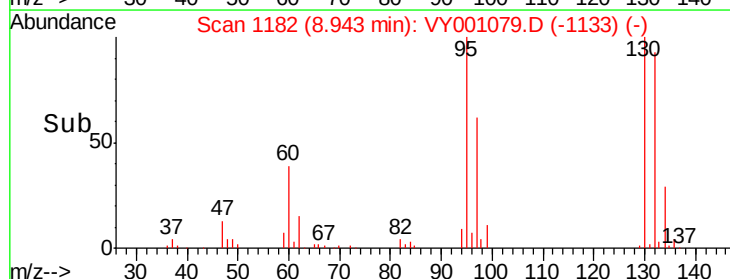
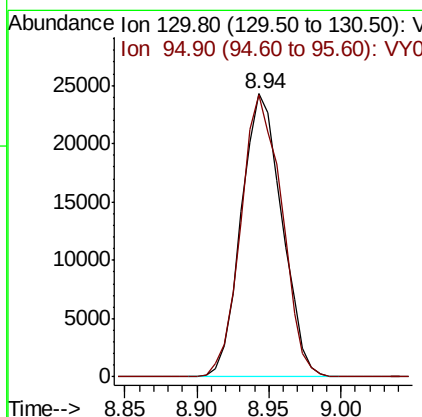
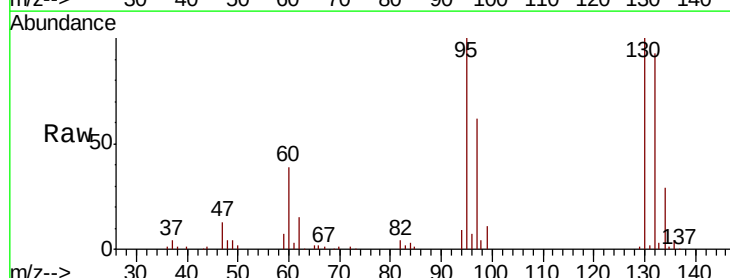
RT: 8.94 min Scan# 1182

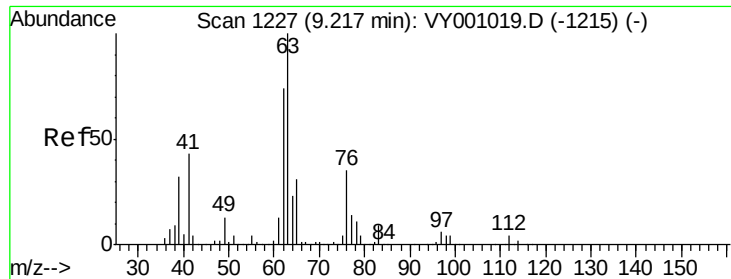
Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	130	Resp:	47616
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	190.6





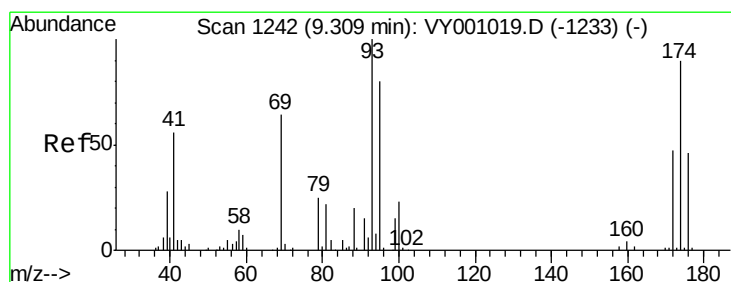
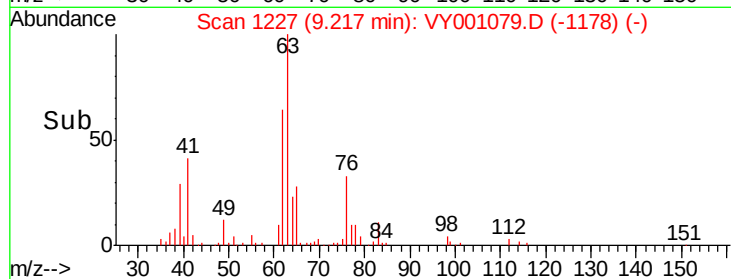
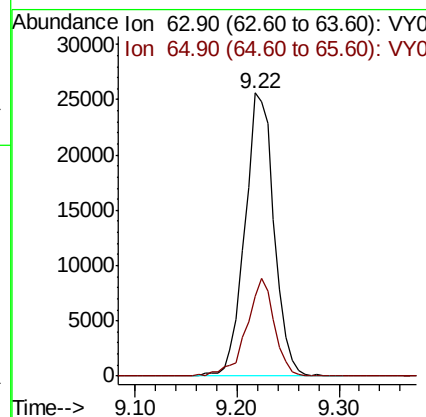
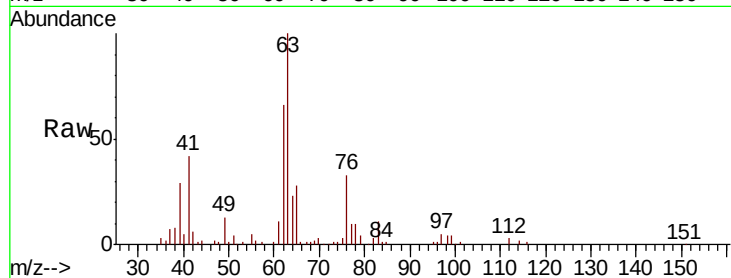
#45
 1,2-Dichloropropane
 Concen: 53.276 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion: 63 Resp: 50737
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.1 37.7

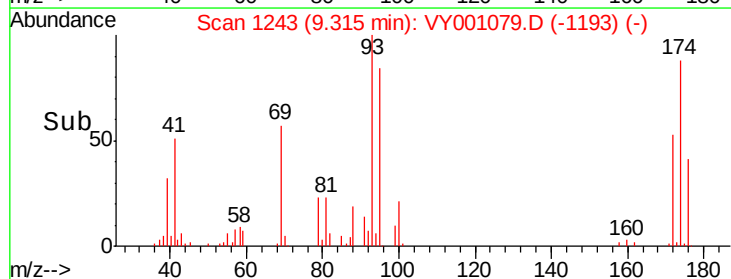
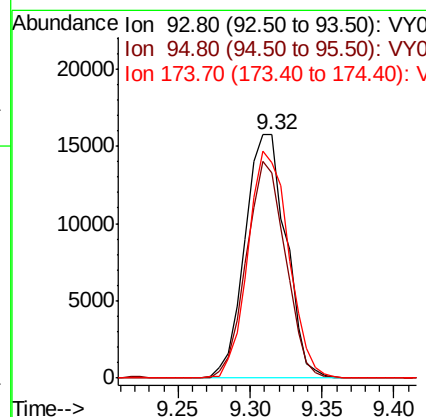
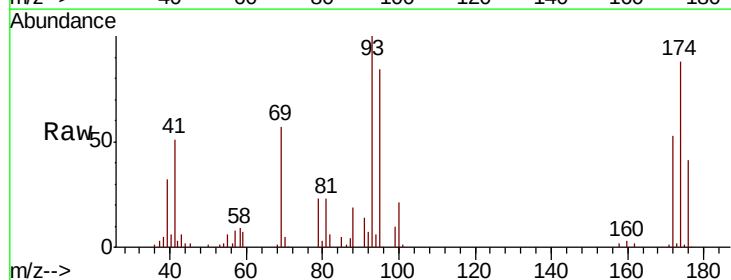
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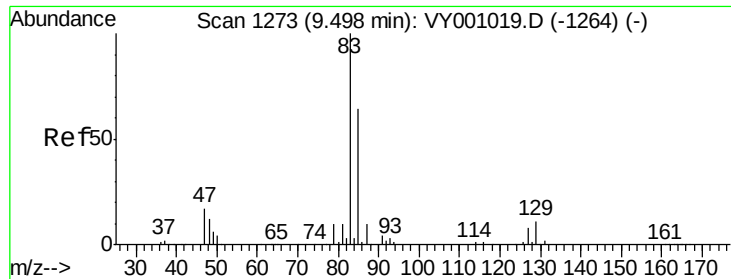
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#46
 Dibromomethane
 Concen: 63.332 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion: 93 Resp: 31091
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 92.2 73.6 110.4





#47

Bromodichloromethane

Concen: 55.649 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

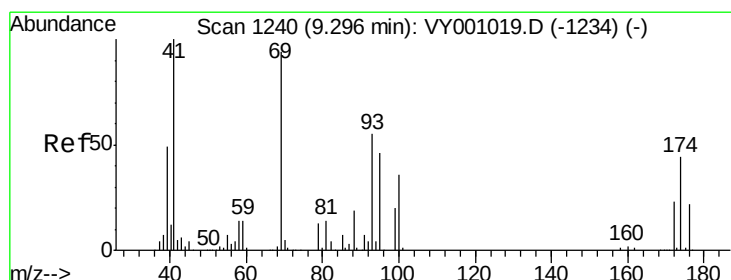
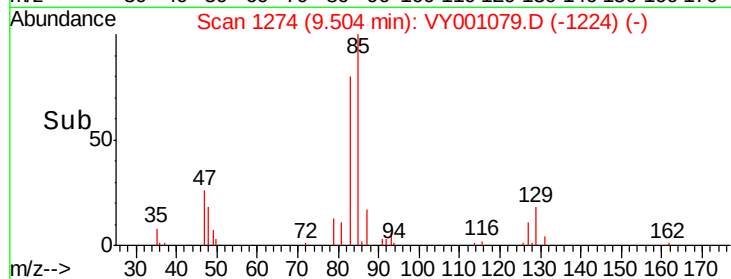
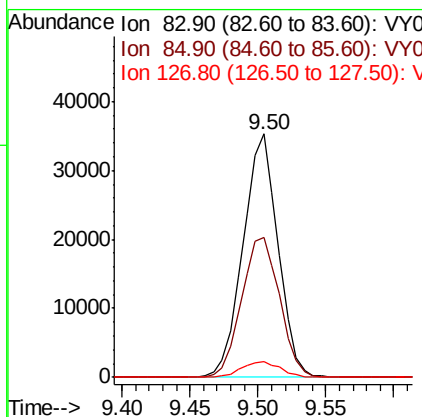
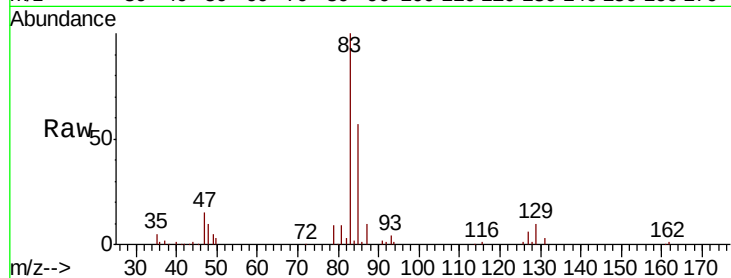
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	83	Resp:	63282
Ion Ratio	Lower	Upper	
83	100		
85	57.5	50.9	76.3
127	6.3	6.4	9.6#

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#48

Methyl methacrylate

Concen: 78.689 ug/l

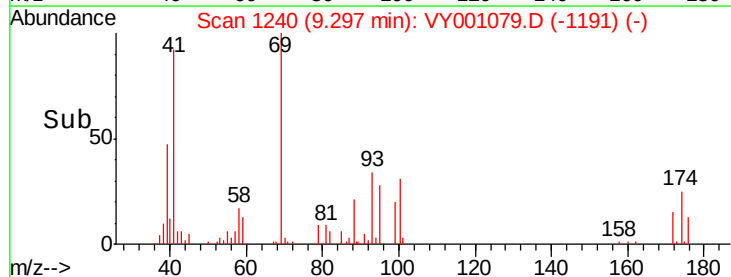
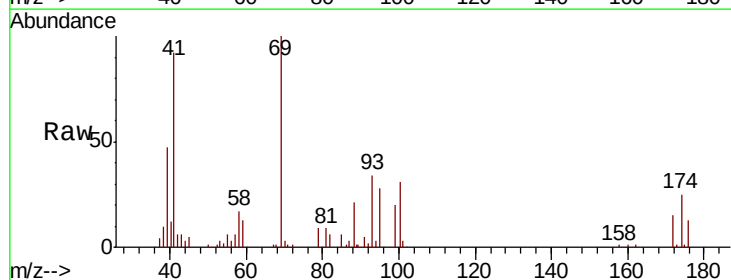
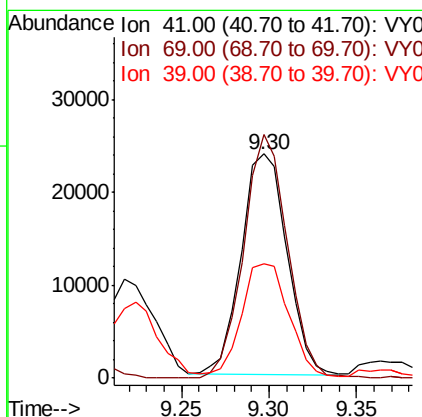
RT: 9.30 min Scan# 1240

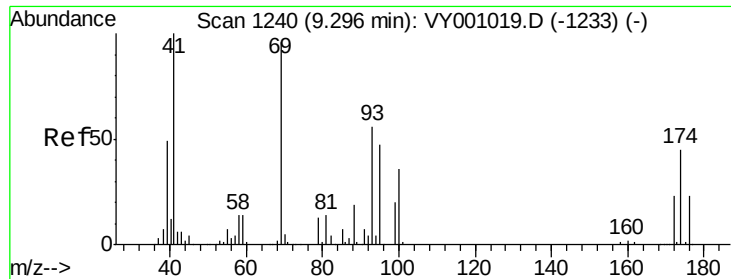
Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	41	Resp:	43311
Ion Ratio	Lower	Upper	
41	100		
69	105.9	79.8	119.6
39	53.8	41.7	62.5





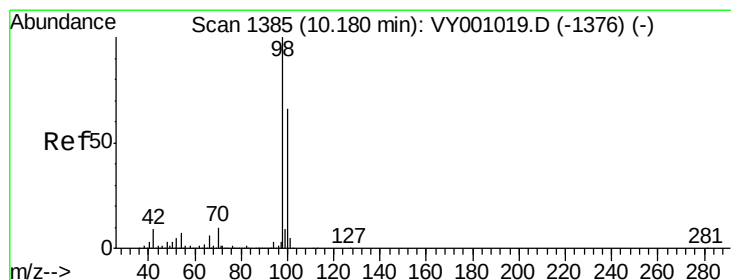
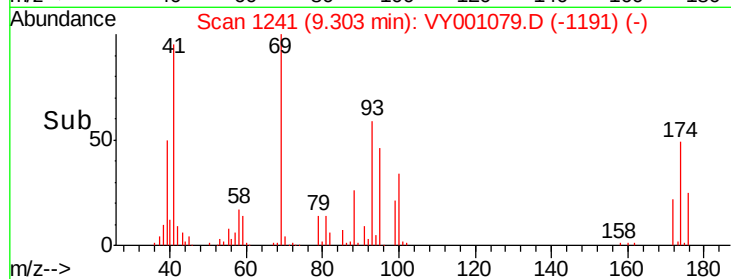
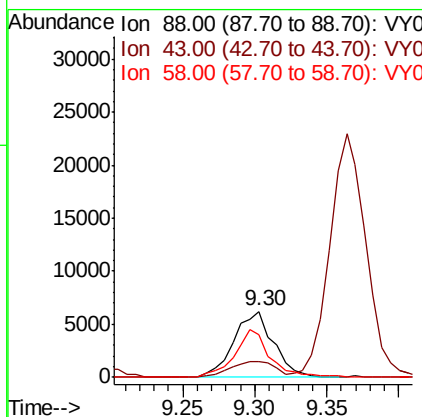
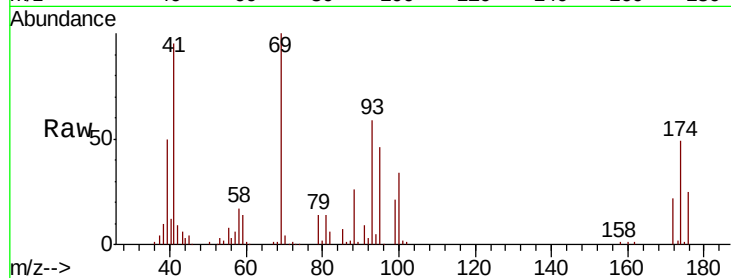
#49
 1,4-Dioxane
 Concen: 1652.606 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.0	34.4
58	64.4	54.9	82.3

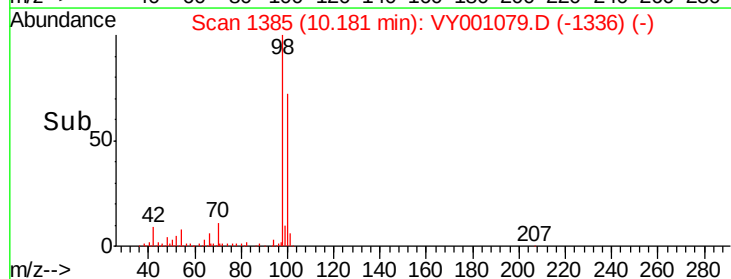
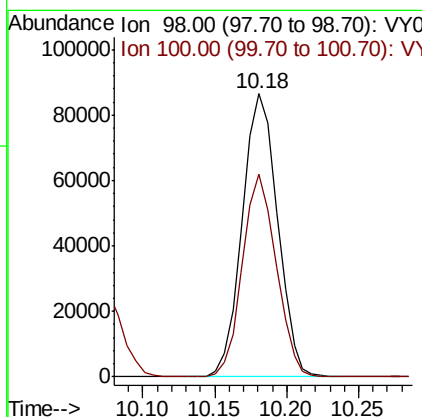
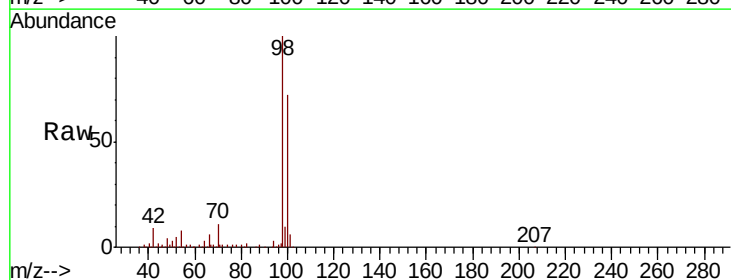
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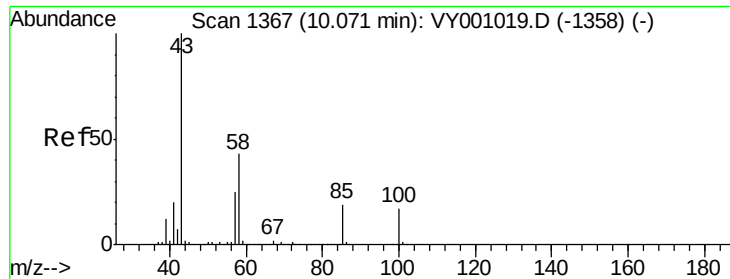
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#50
 Toluene-d8
 Concen: 48.408 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.8	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 354.013 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 43 Resp: 237990

Ion Ratio Lower Upper

43 100

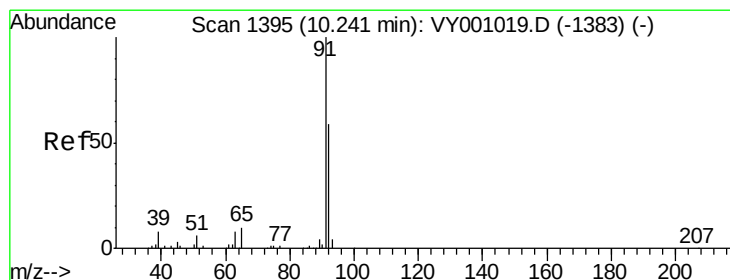
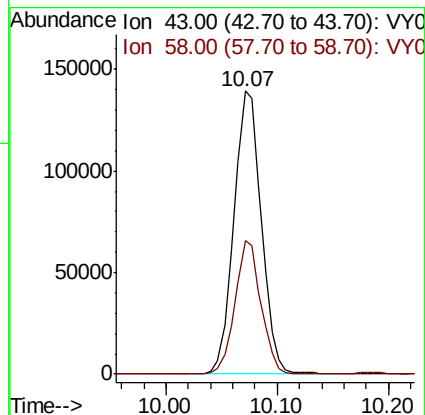
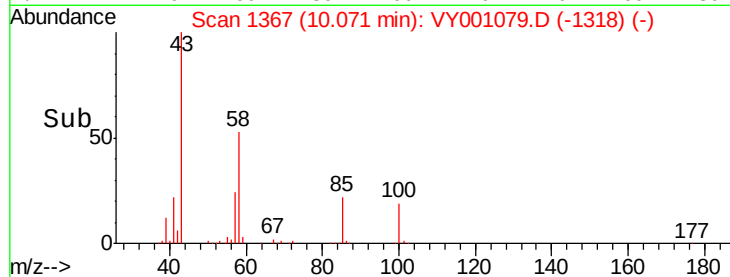
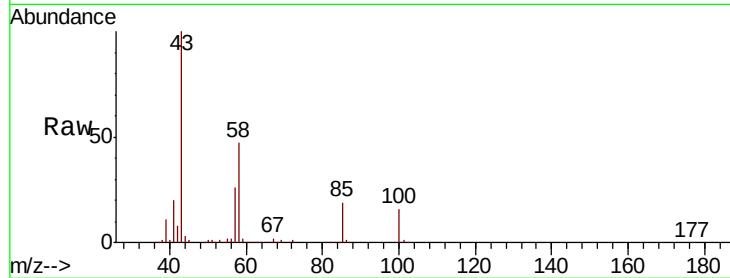
58 44.7 34.6 52.0

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#52

Toluene

Concen: 46.233 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001079.D

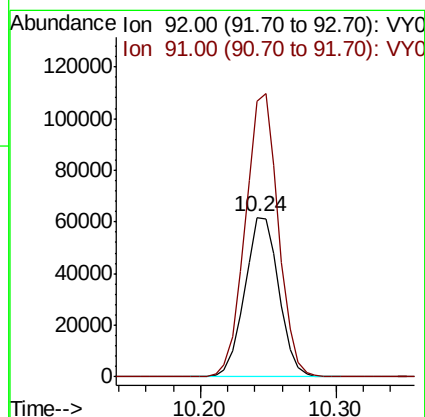
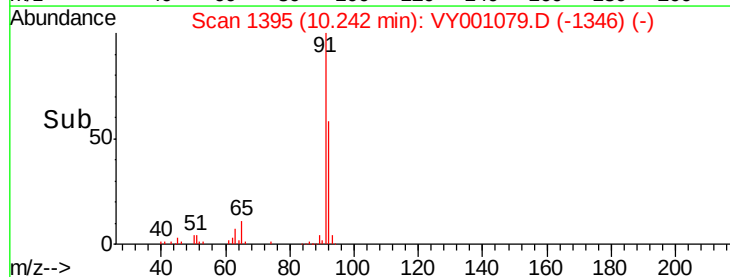
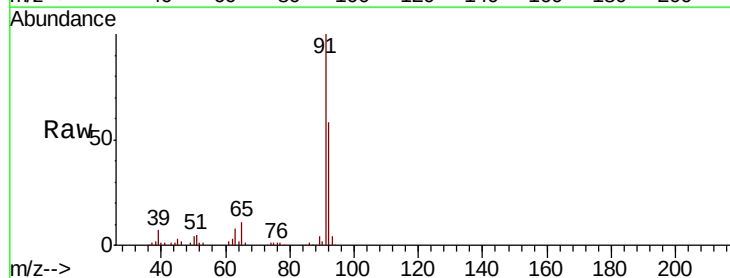
Acq: 26 Dec 2019 17:48

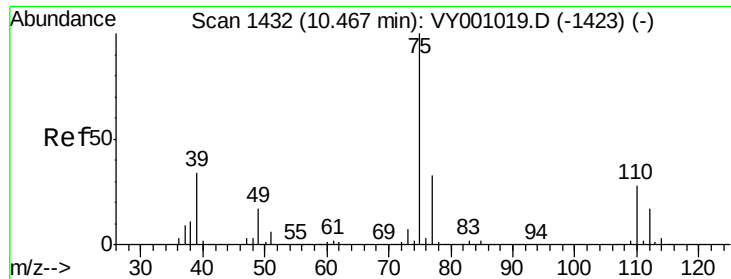
Tgt Ion: 92 Resp: 108026

Ion Ratio Lower Upper

92 100

91 171.5 135.7 203.5





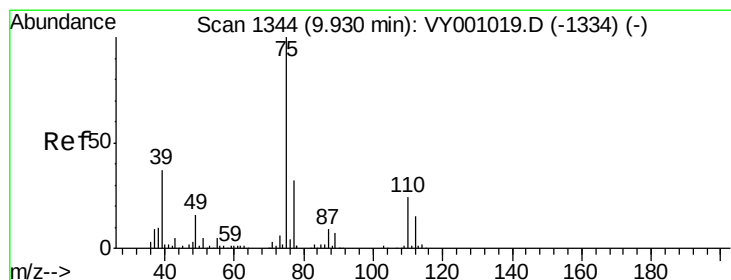
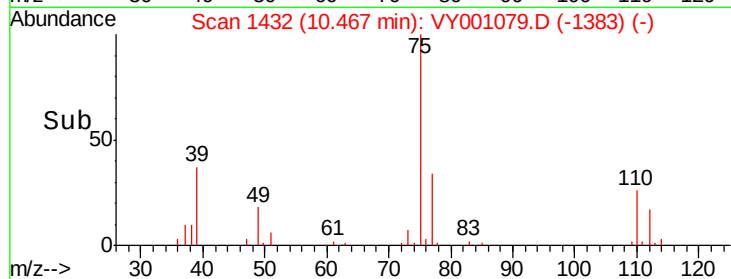
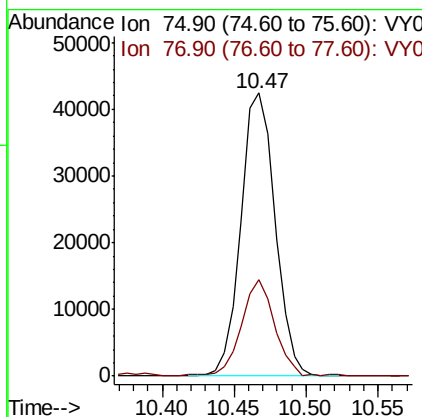
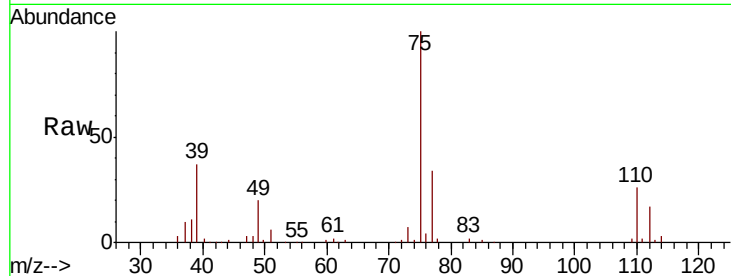
#53
 t-1,3-Dichloropropene
 Concen: 56.626 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion: 75 Resp: 69884
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.5 39.7

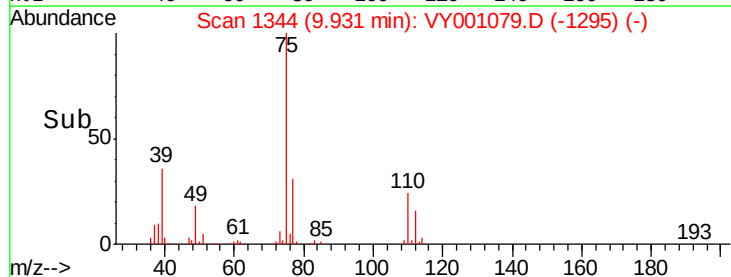
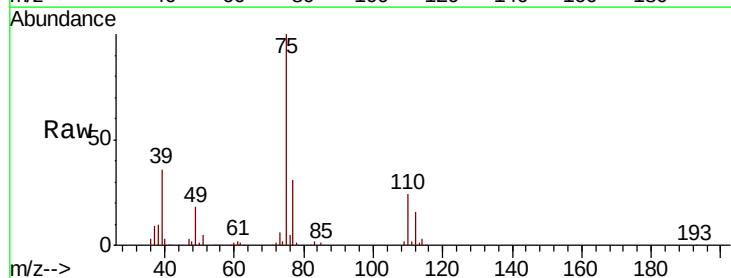
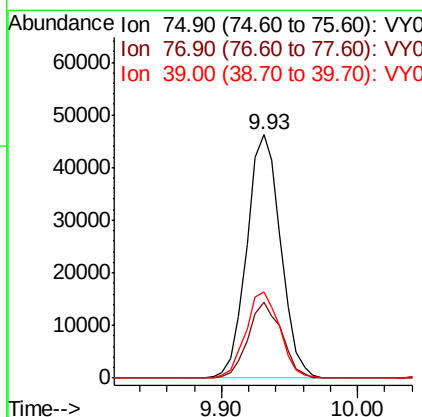
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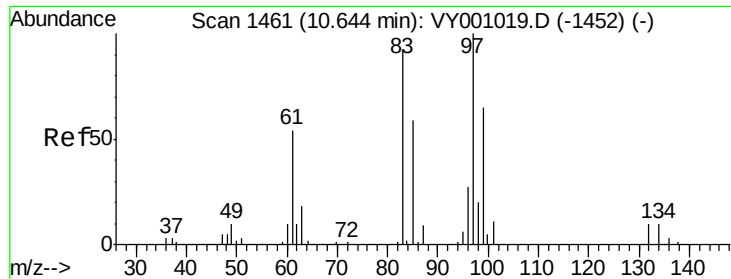
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#54
 cis-1,3-Dichloropropene
 Concen: 54.437 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion: 75 Resp: 80784
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 35.5 29.5 44.3





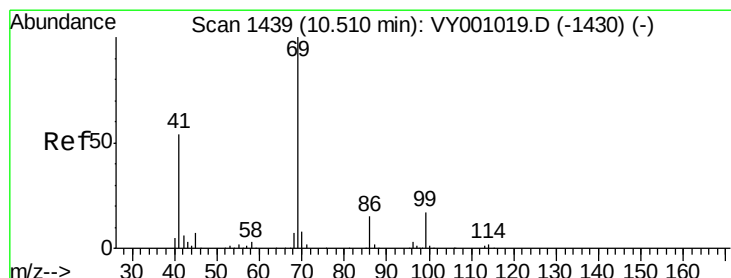
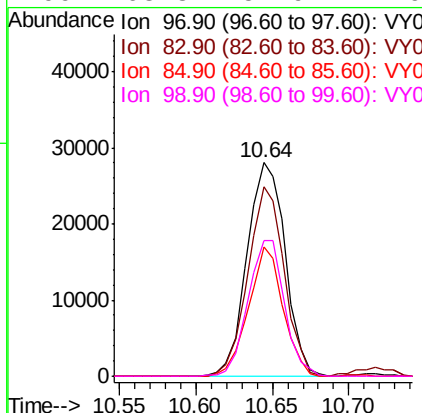
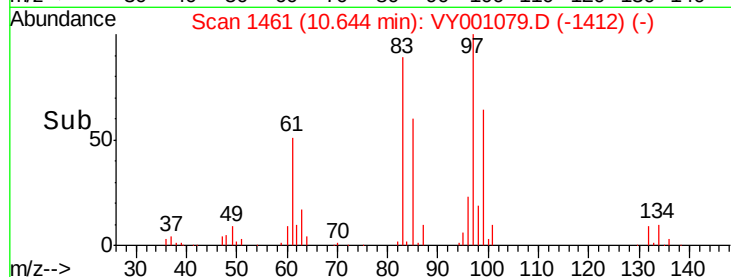
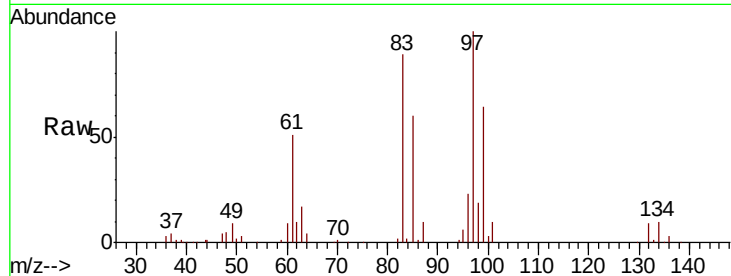
#55
 1,1,2-Trichloroethane
 Concen: 66.386 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.8	73.7	110.5
85	60.3	47.3	70.9
99	63.8	51.9	77.9

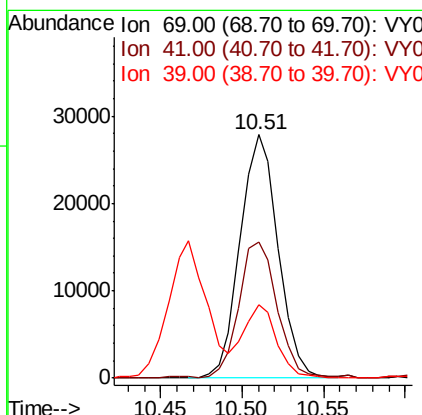
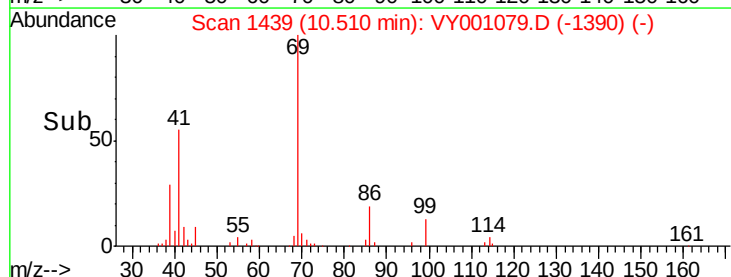
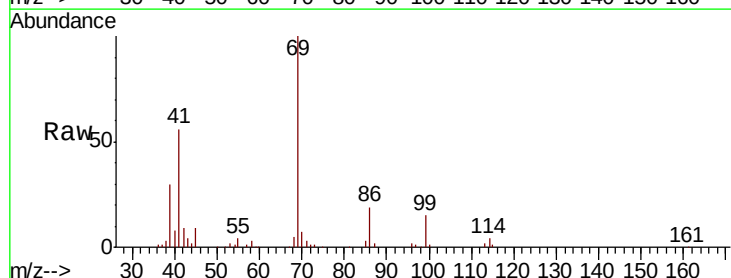
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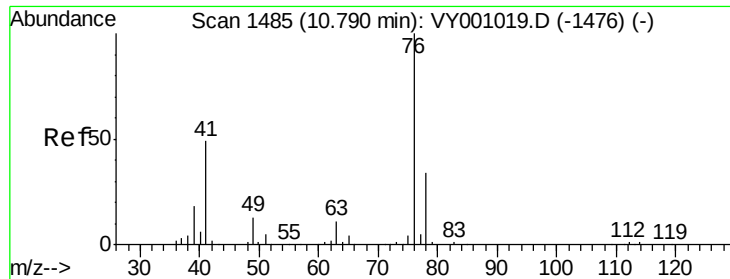
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#56
 Ethyl methacrylate
 Concen: 43.399 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.4	44.7	67.1
39	26.7	22.2	33.4





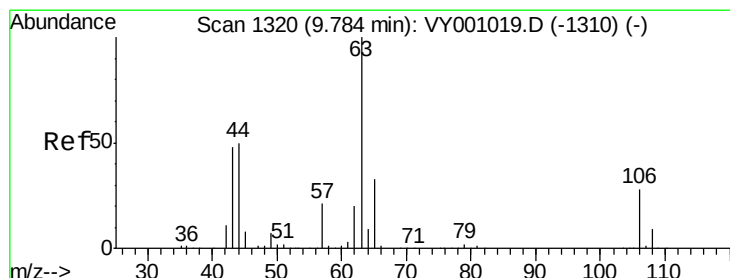
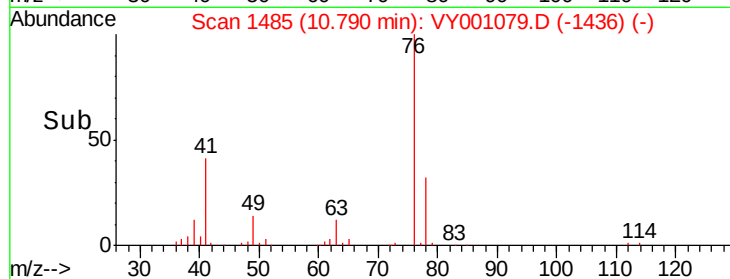
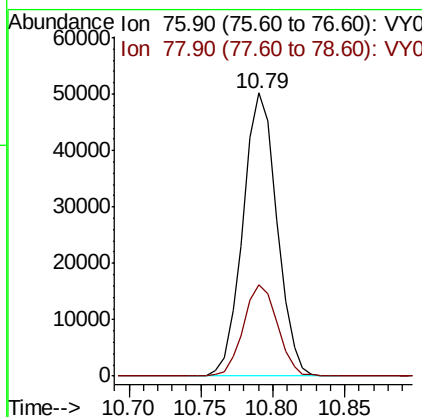
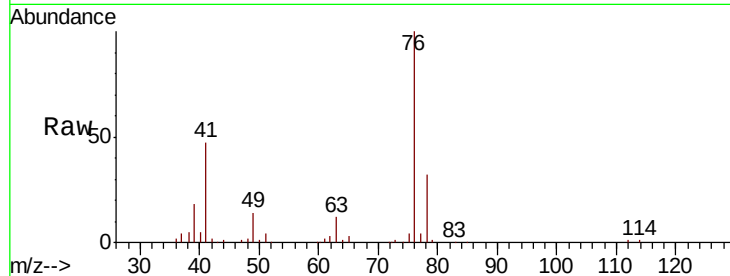
#57
 1,3-Dichloropropane
 Concen: 63.839 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

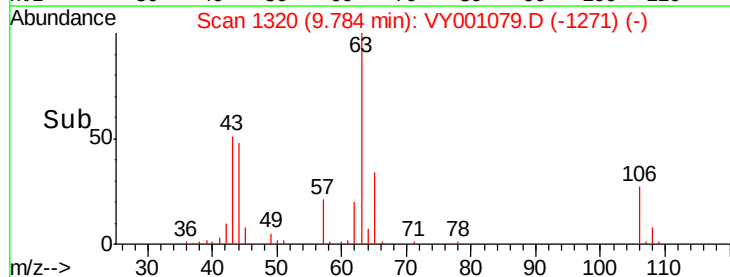
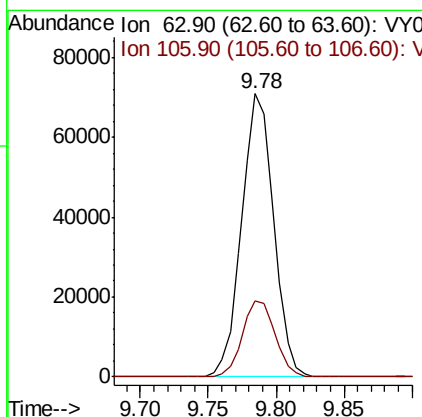
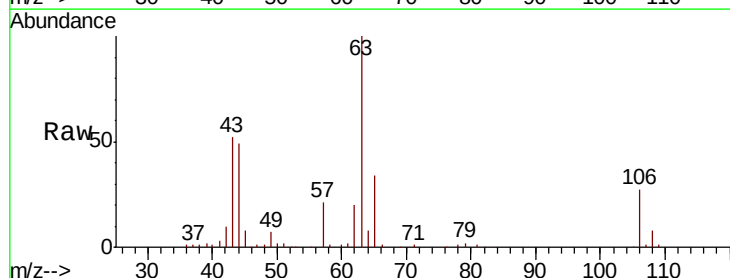
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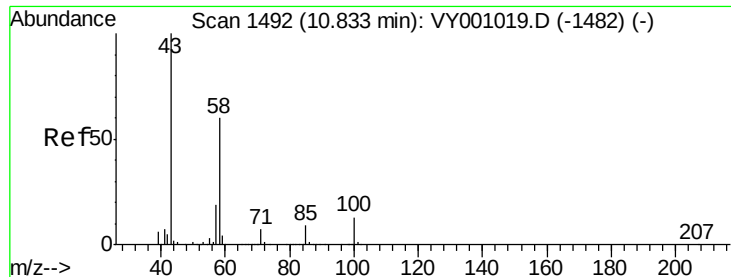
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#58
 2-Chloroethyl Vinyl ether
 Concen: 289.893 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.7	34.1





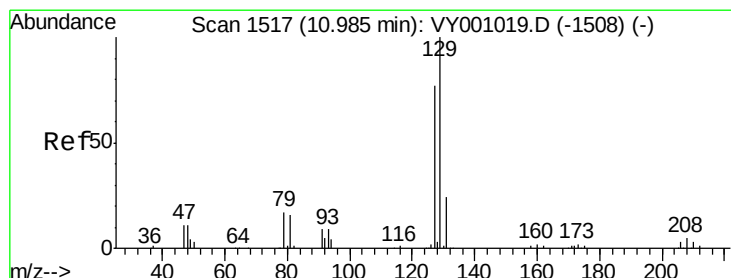
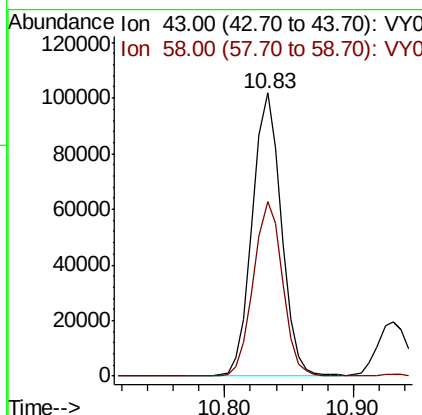
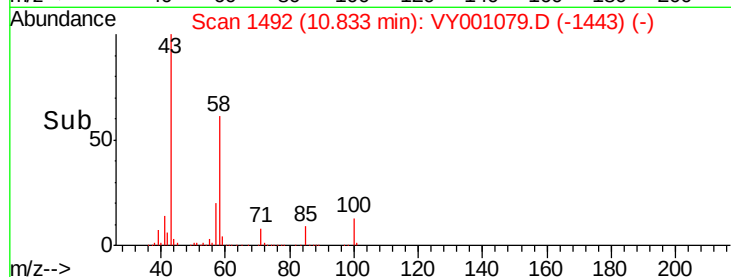
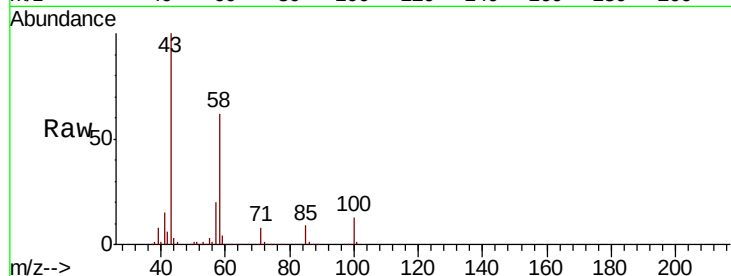
#59
2-Hexanone
Concen: 339.166 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.0	30.6	91.6

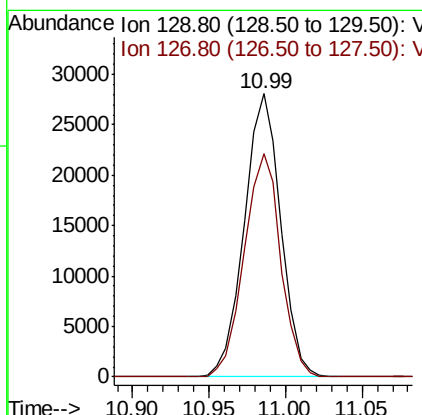
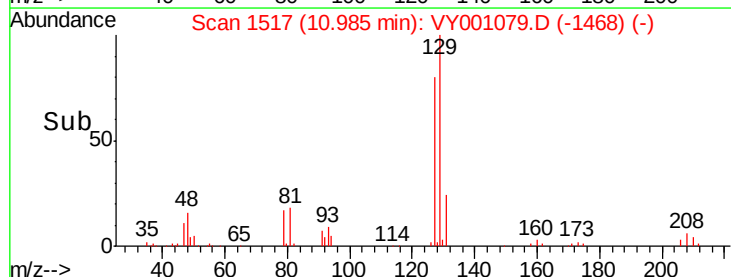
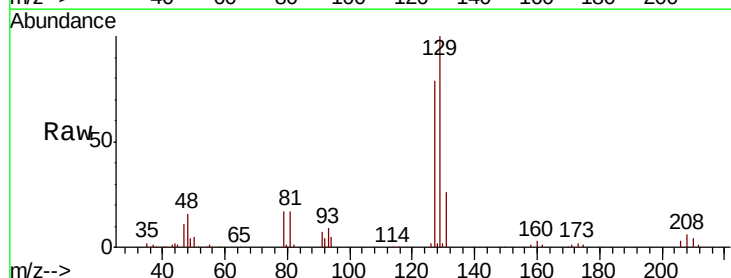
Manual Integrations
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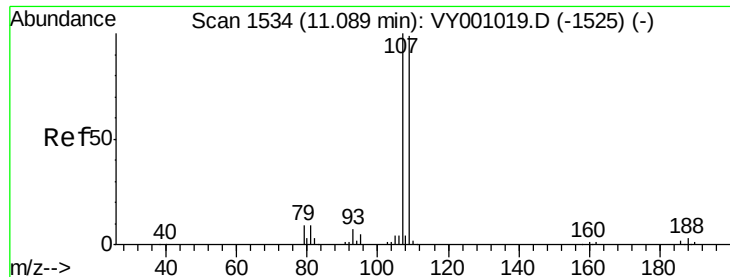
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#60
Dibromochloromethane
Concen: 59.218 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.1	117.3





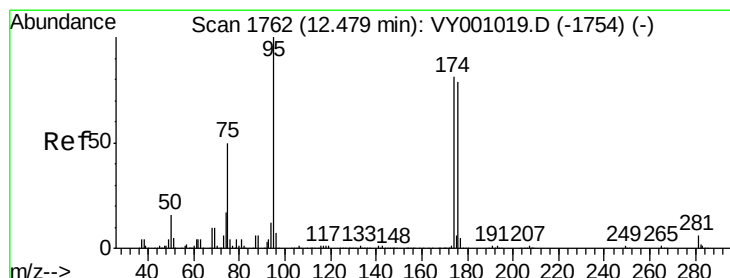
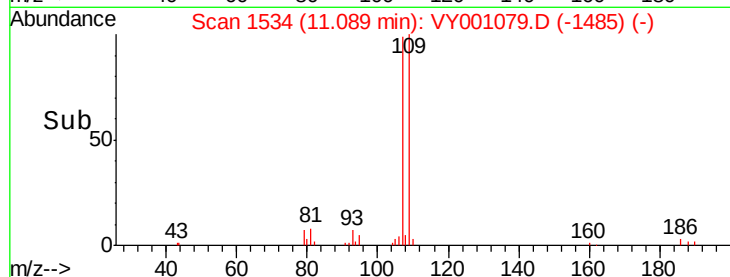
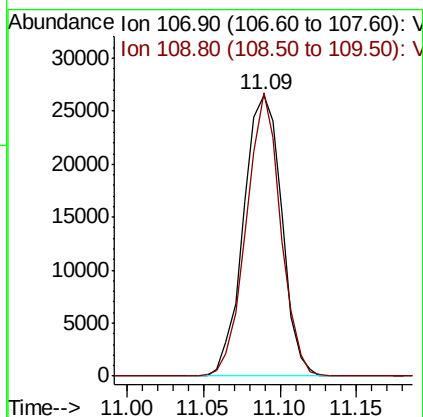
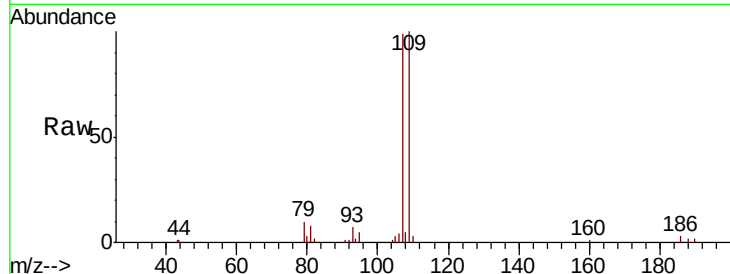
#61
1,2-Dibromoethane
Concen: 65.691 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.8	74.8	112.2

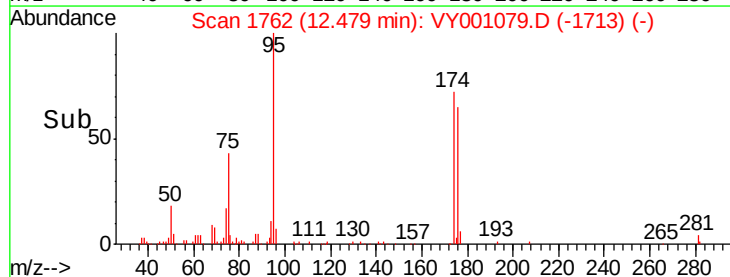
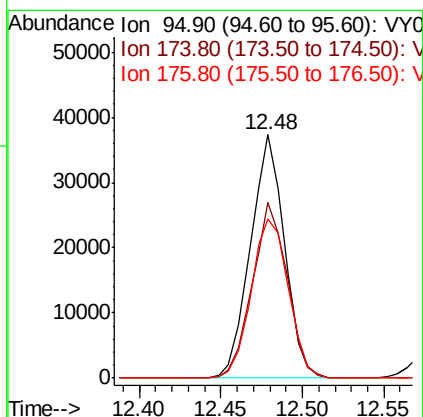
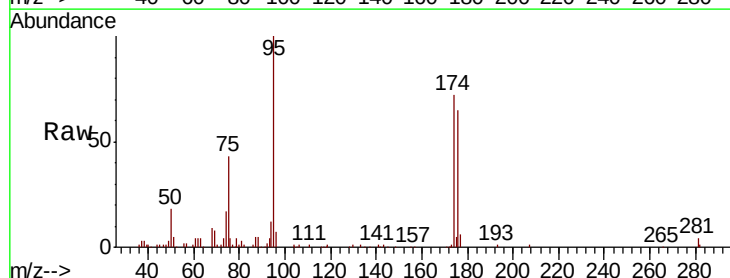
Manual Integrations
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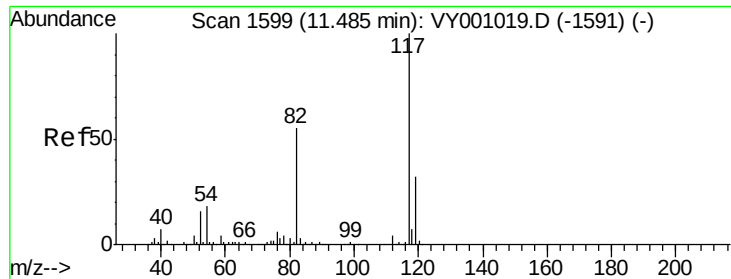
apatel
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#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	156.4
176	71.4	0.0	155.0





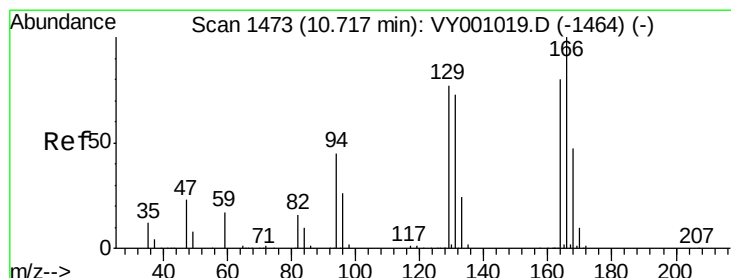
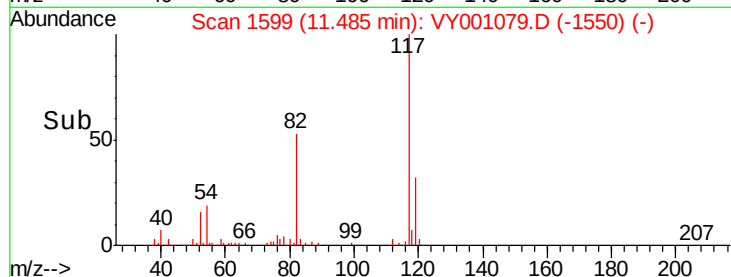
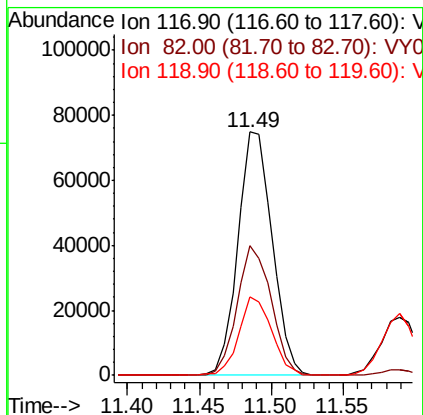
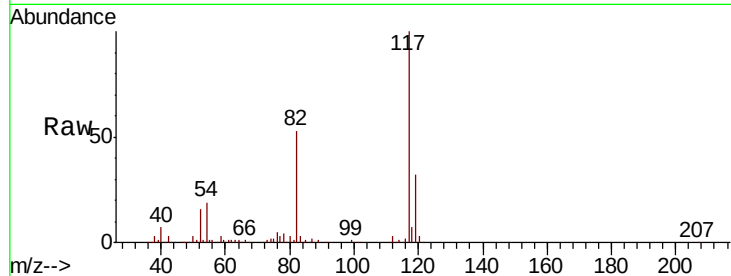
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	32.2	25.8	38.6

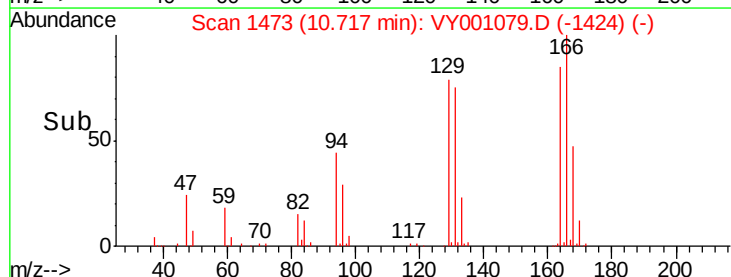
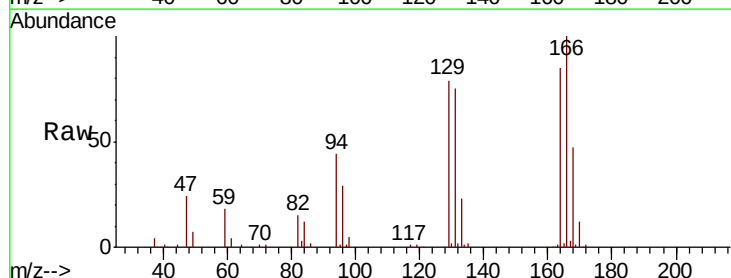
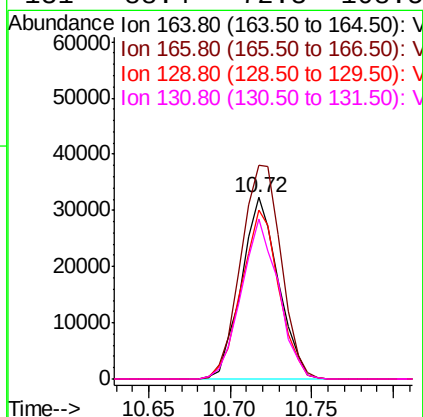
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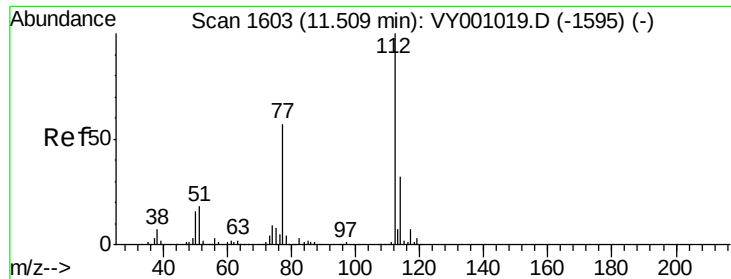
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#64
Tetrachloroethene
Concen: 47.471 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.5	99.7	149.5
129	92.9	76.9	115.3
131	88.4	72.3	108.5





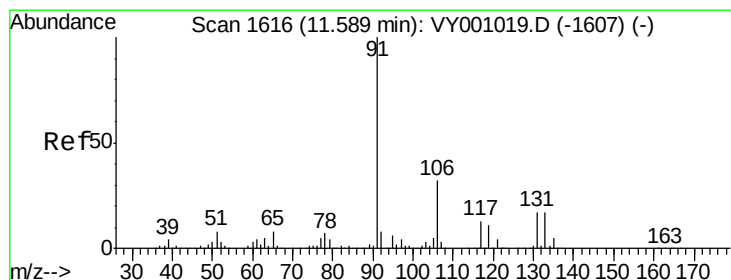
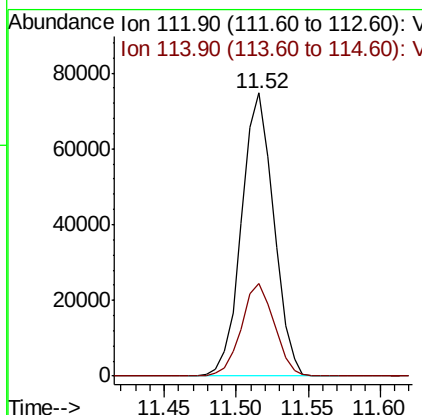
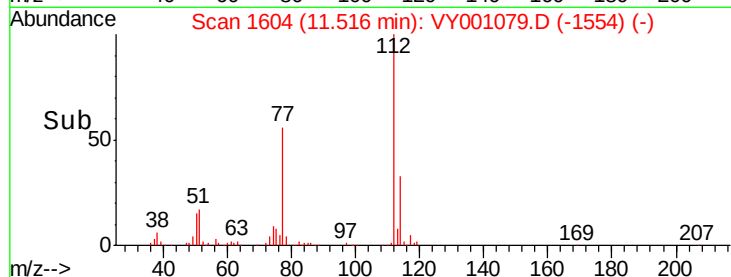
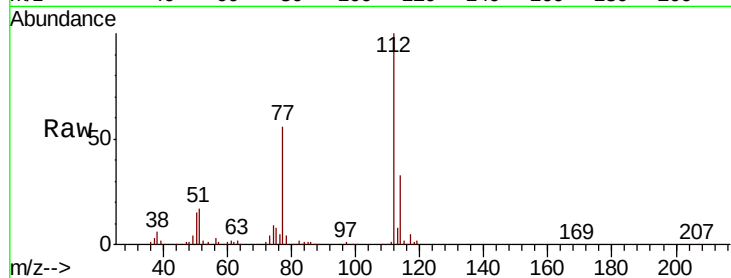
#65
Chlorobenzene
Concen: 45.080 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2

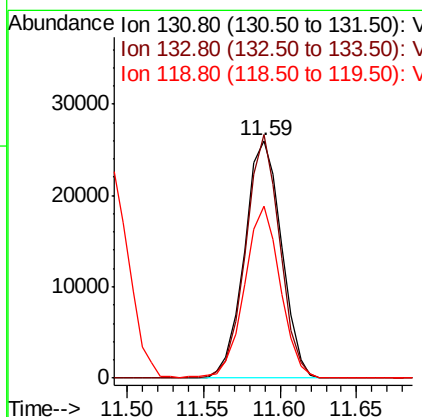
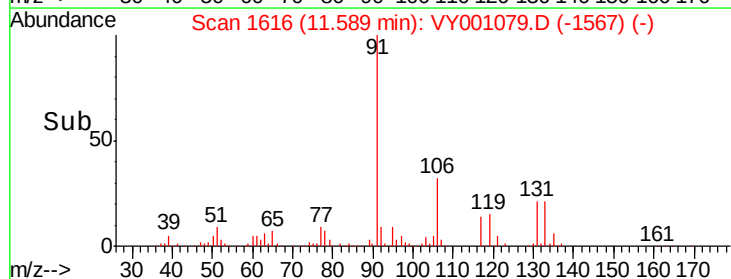
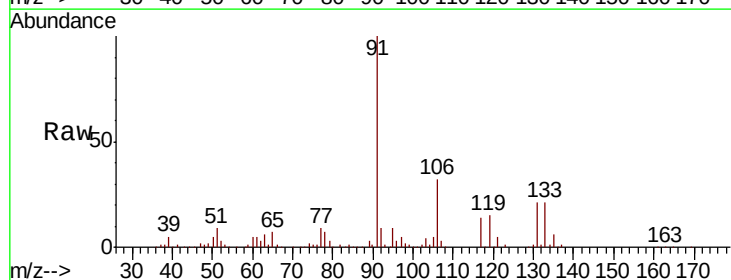
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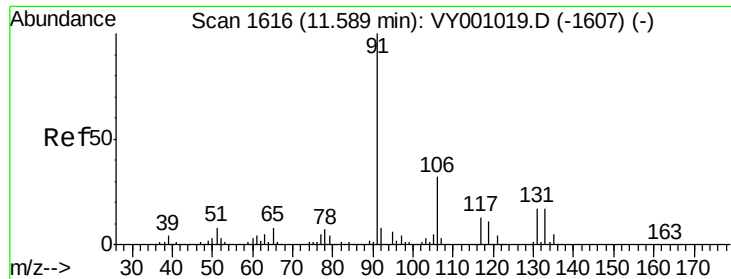
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.499 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.4
119	70.0	34.0	101.8





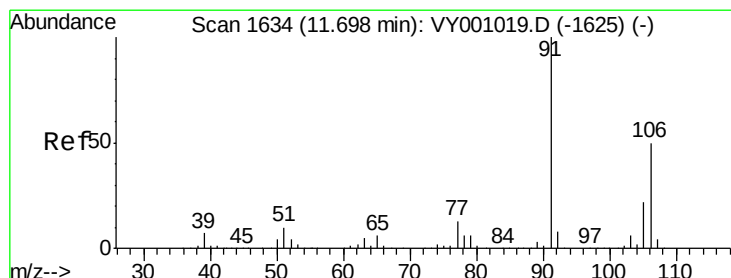
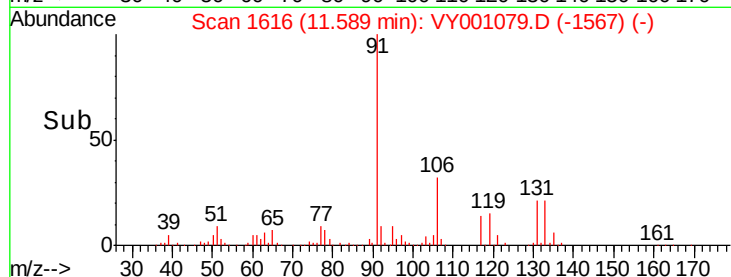
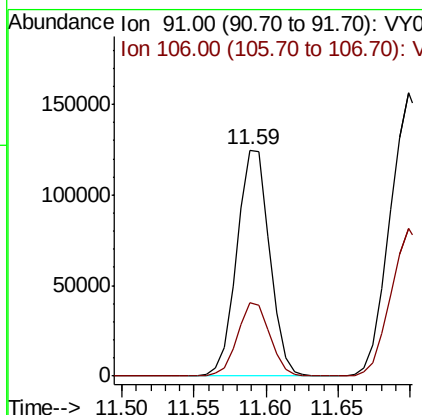
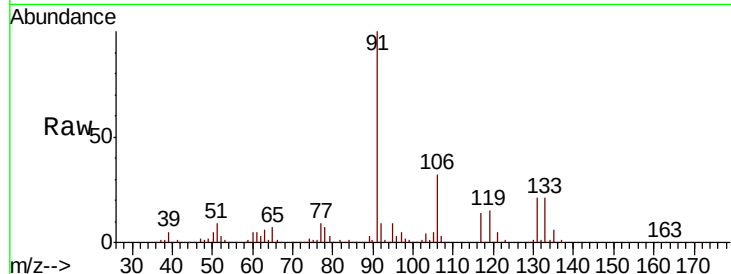
#67
Ethyl Benzene
Concen: 42.577 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion: 91 Resp: 197029
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9

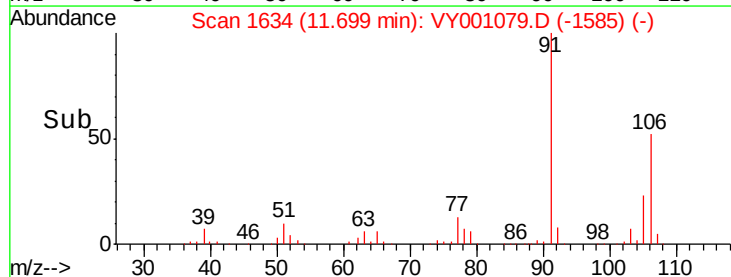
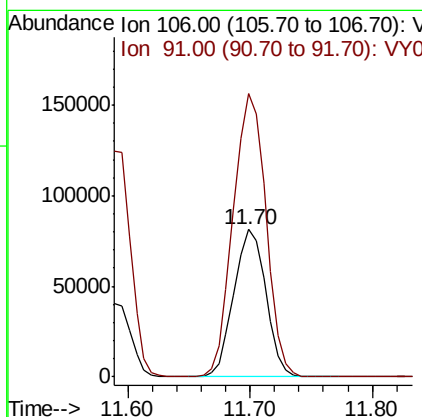
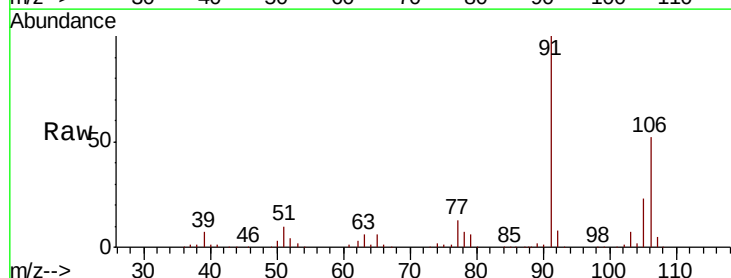
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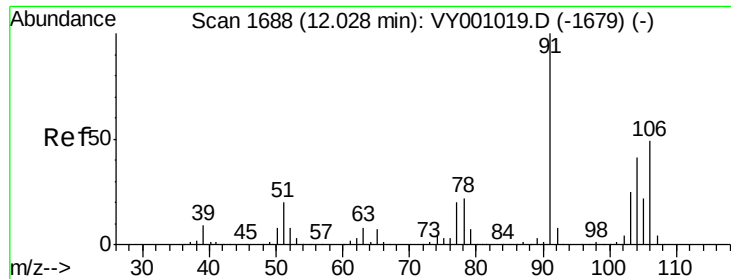
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#68
m/p-Xylenes
Concen: 84.425 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion: 106 Resp: 148342
Ion Ratio Lower Upper
106 100
91 196.0 156.4 234.6





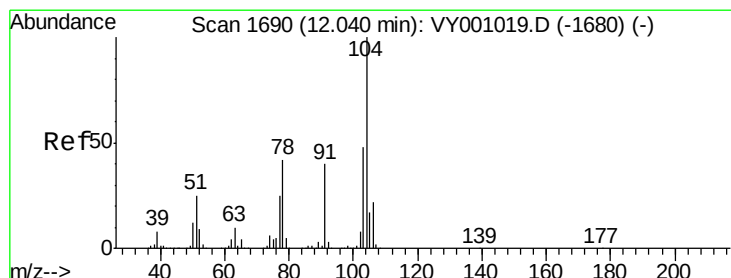
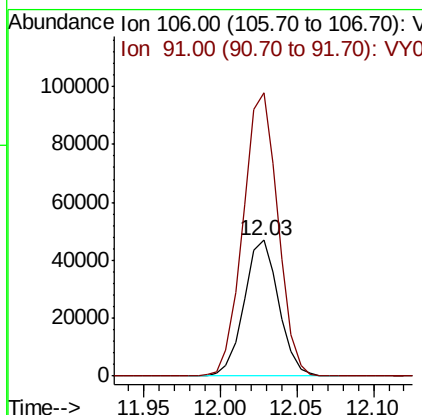
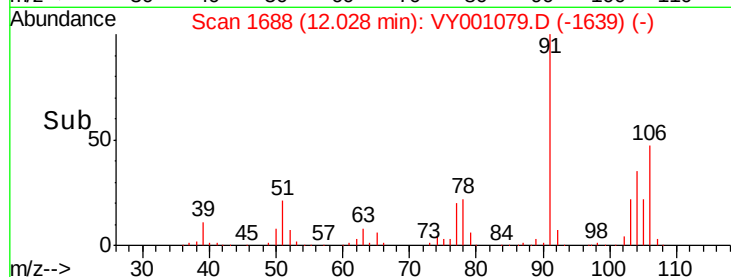
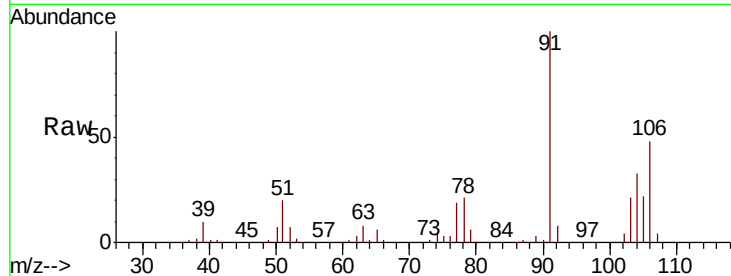
#69
o-Xylene
Concen: 44.437 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion:106 Resp: 73455
Ion Ratio Lower Upper
106 100
91 210.2 103.0 309.0

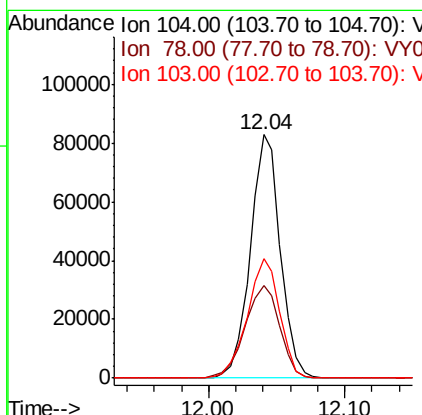
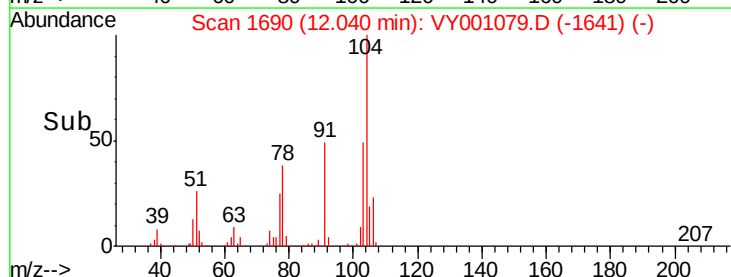
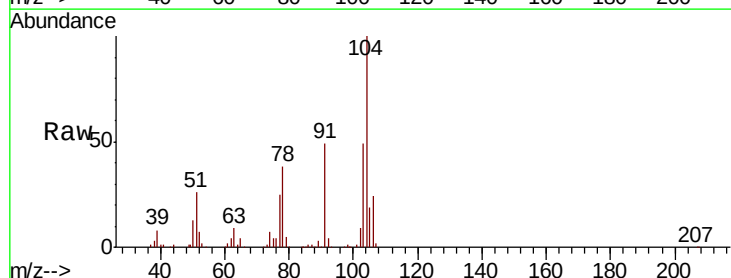
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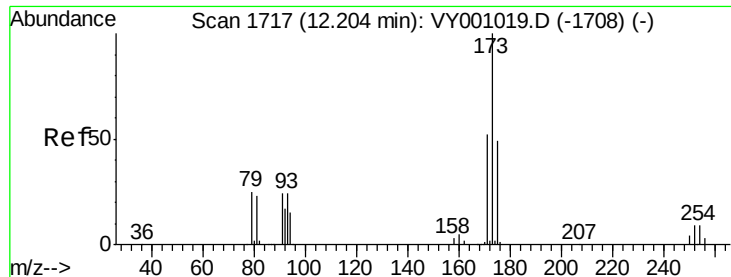
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#70
Styrene
Concen: 45.541 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion:104 Resp: 128003
Ion Ratio Lower Upper
104 100
78 43.9 36.6 54.8
103 53.0 42.6 64.0





#71

Bromoform

Concen: 56.945 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion:173 Resp: 26921

Ion Ratio Lower Upper

173 100

175 52.9 24.5 73.5

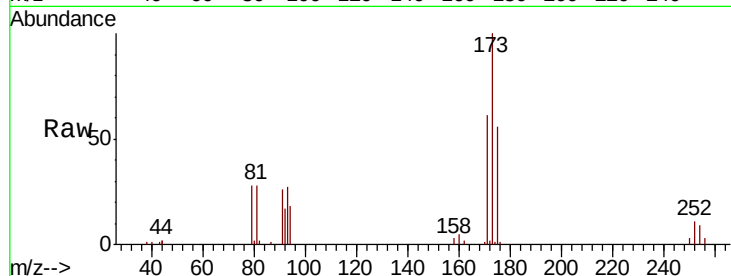
254 0.0 0.0 0.0

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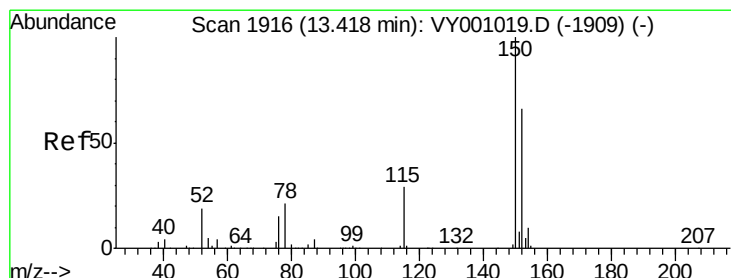
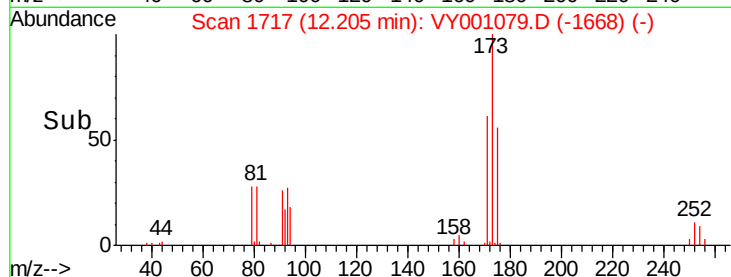
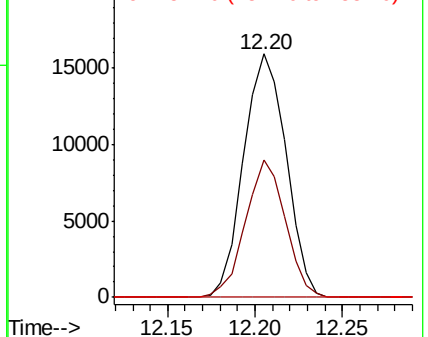
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY001079.D

Acq: 26 Dec 2019 17:48

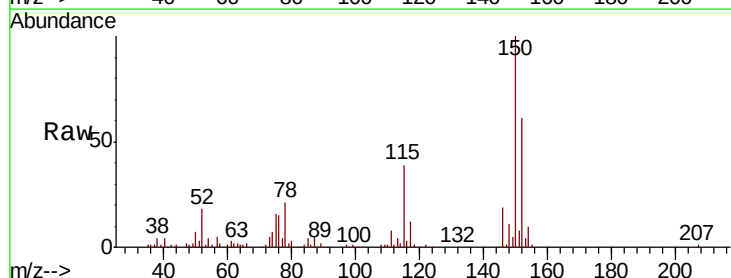
Tgt Ion:152 Resp: 52240

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.3

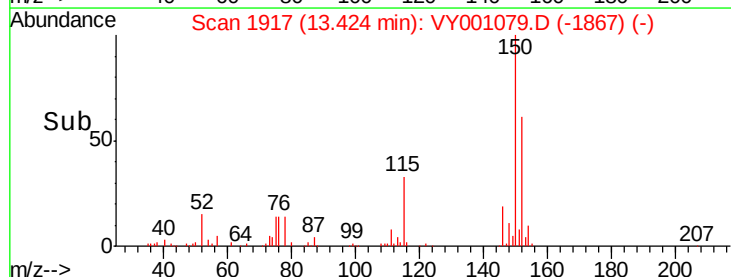
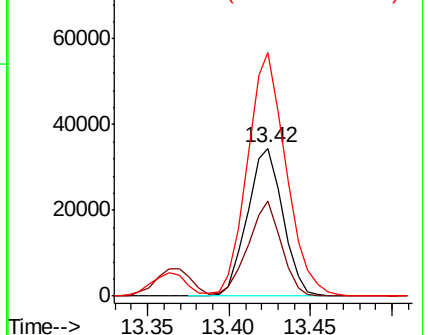
150 179.3 0.0 352.6

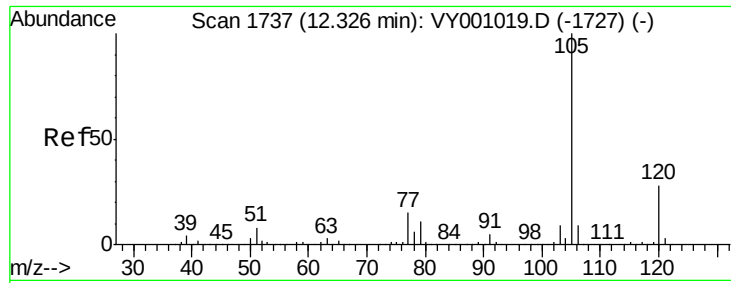


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.682 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 105 Resp: 176586

Ion Ratio Lower Upper

105 100

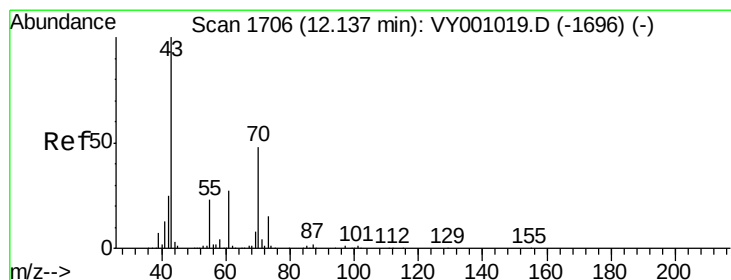
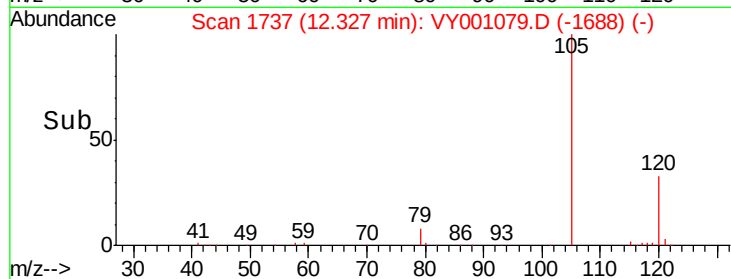
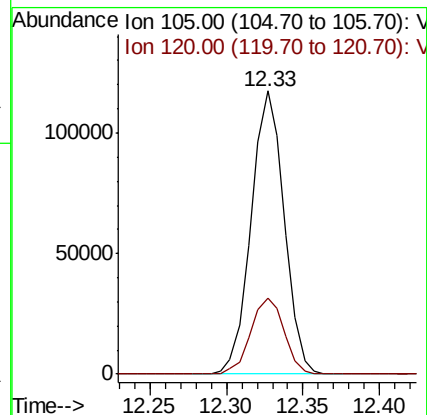
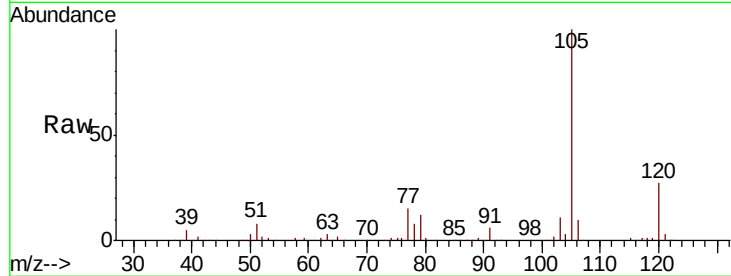
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 15.495 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion: 43 Resp: 16456

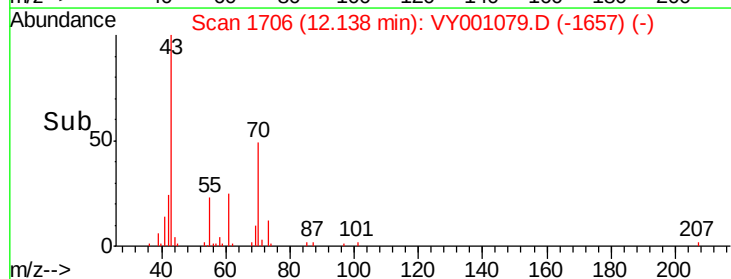
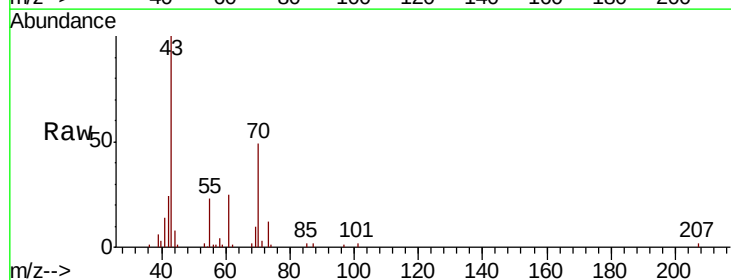
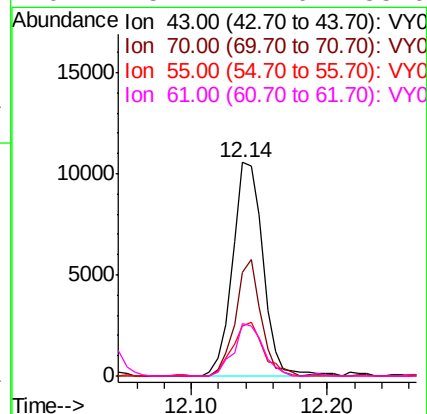
Ion Ratio Lower Upper

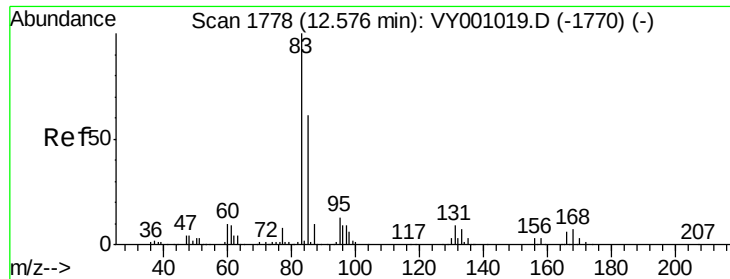
43 100

70 45.8 39.0 58.6

55 25.2 19.5 29.3

61 23.7 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 65.747 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

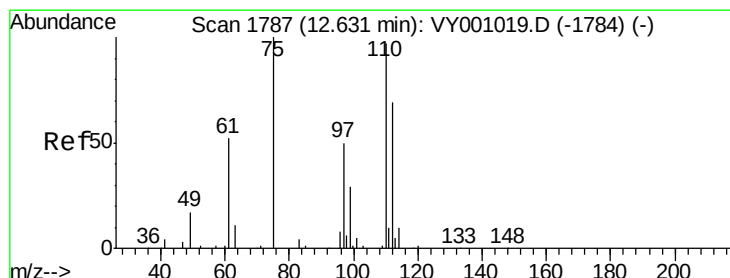
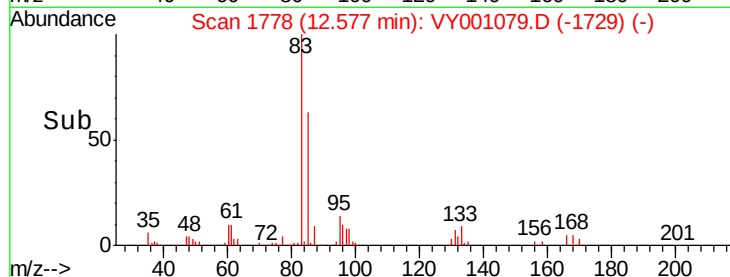
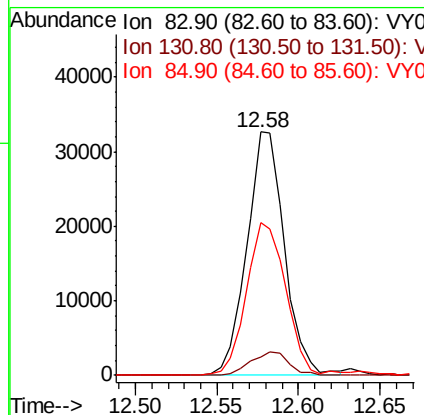
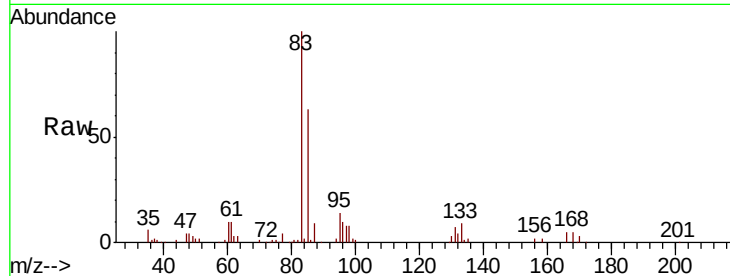
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	83	Resp:	52360
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	65.1	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 72.933 ug/l m

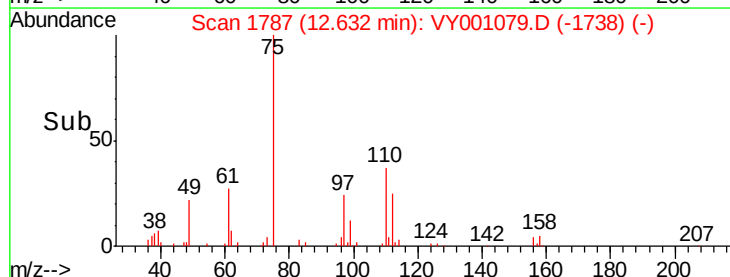
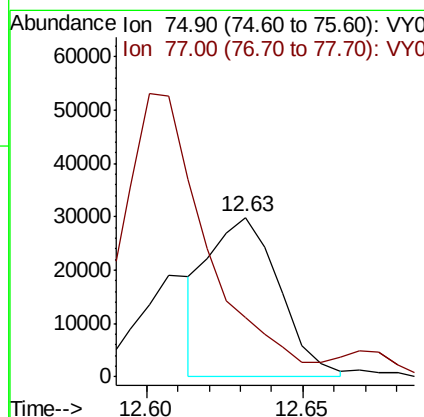
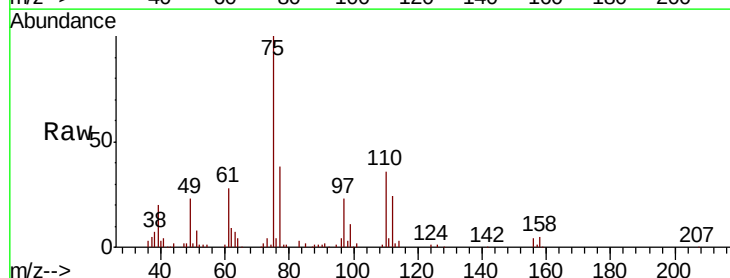
RT: 12.63 min Scan# 1787

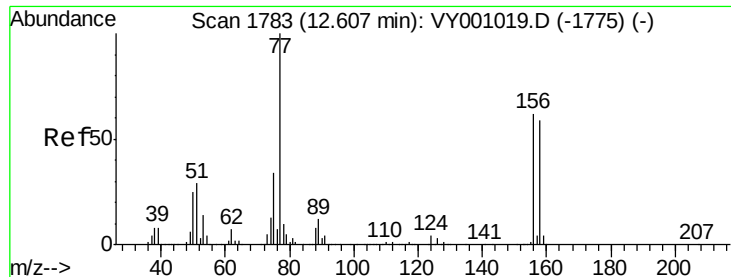
Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	75	Resp:	46970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.534 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion:156 Resp: 46854

Ion Ratio Lower Upper

156 100

77 212.4 98.0 294.1

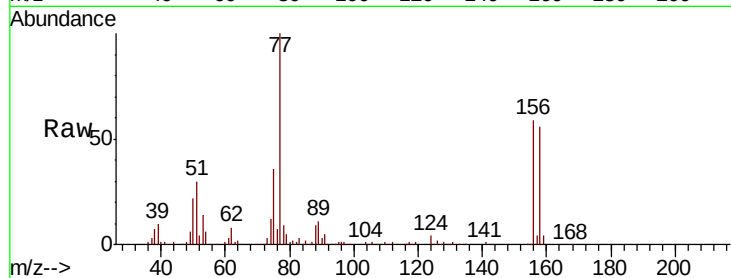
158 98.6 48.5 145.6

Manual Integrations

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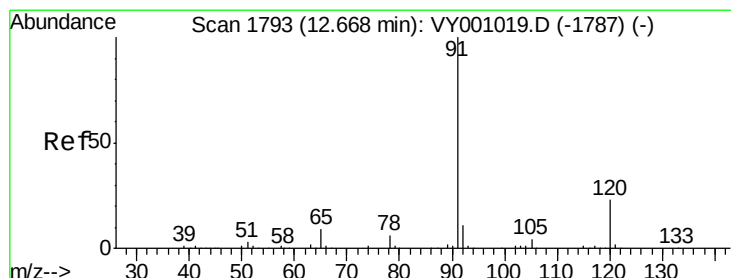
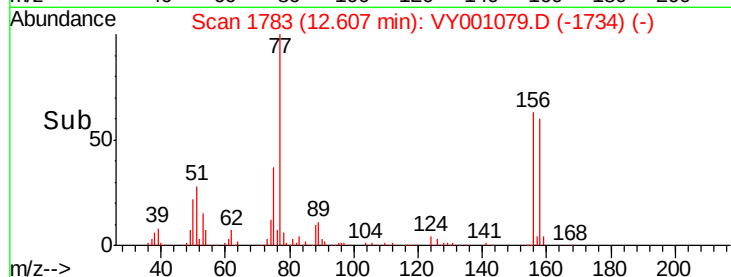
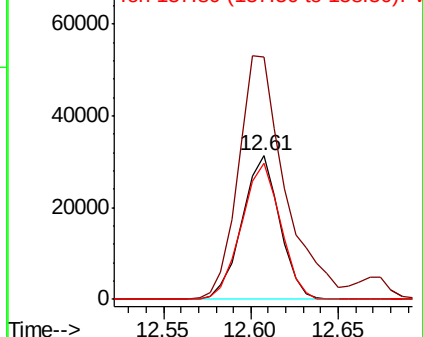
12/27/2019 11:04:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.186 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001079.D

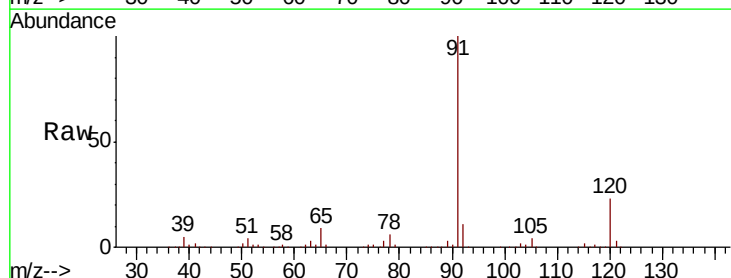
Acq: 26 Dec 2019 17:48

Tgt Ion: 91 Resp: 207804

Ion Ratio Lower Upper

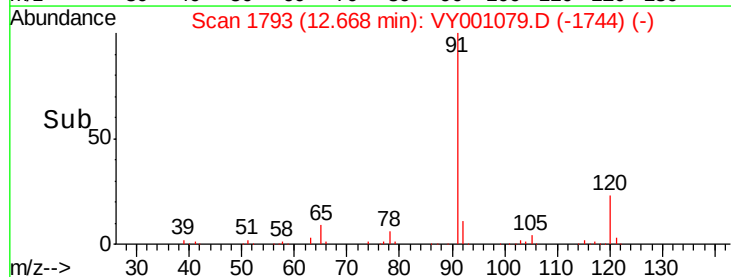
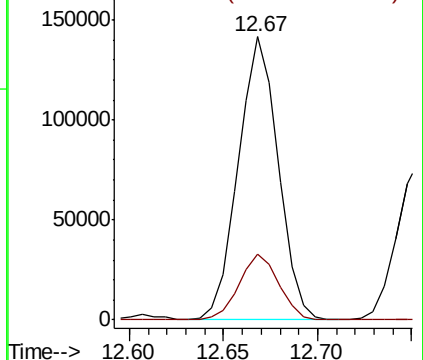
91 100

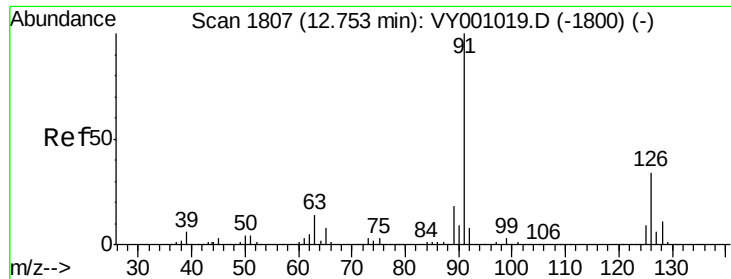
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.841 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion: 91 Resp: 121981

Ion Ratio Lower Upper

91 100

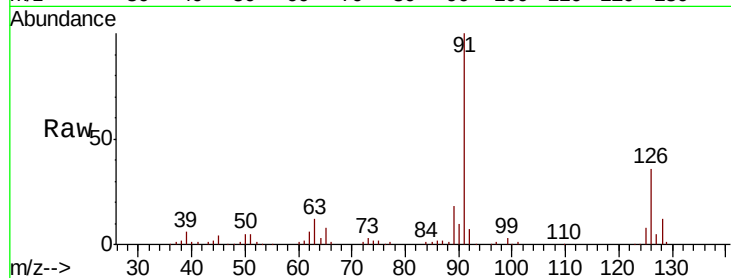
126 34.8 17.3 51.7

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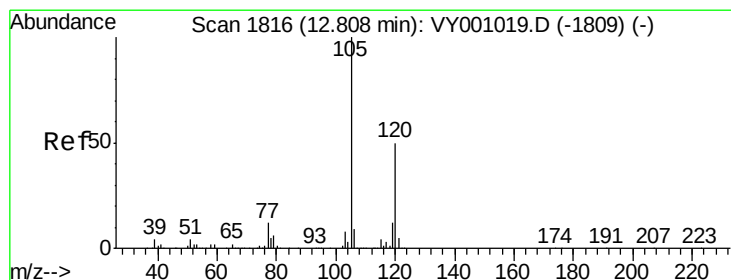
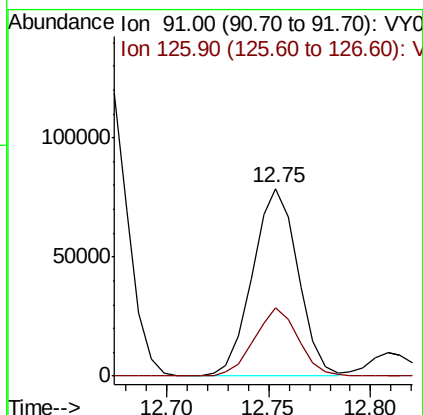
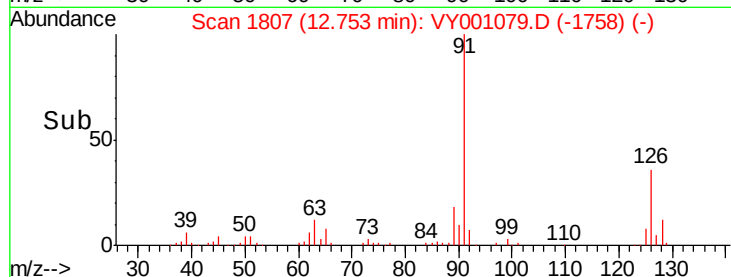
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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.180 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001079.D

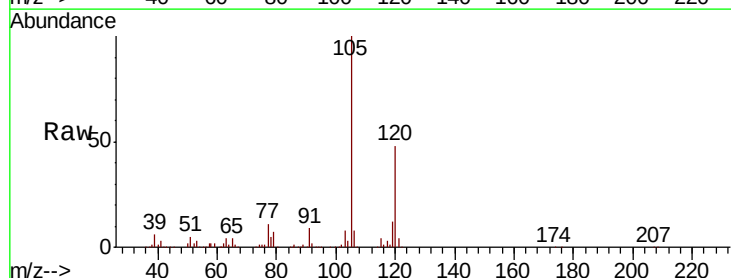
Acq: 26 Dec 2019 17:48

Tgt Ion:105 Resp: 146399

Ion Ratio Lower Upper

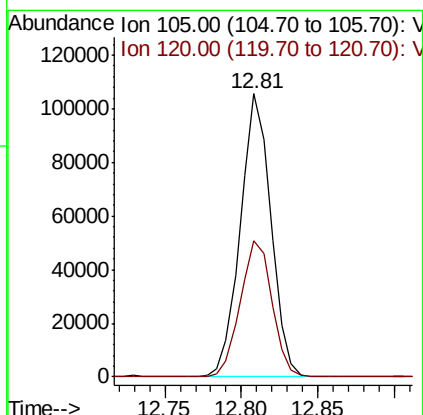
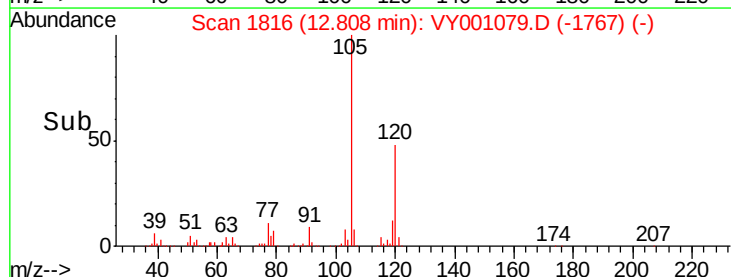
105 100

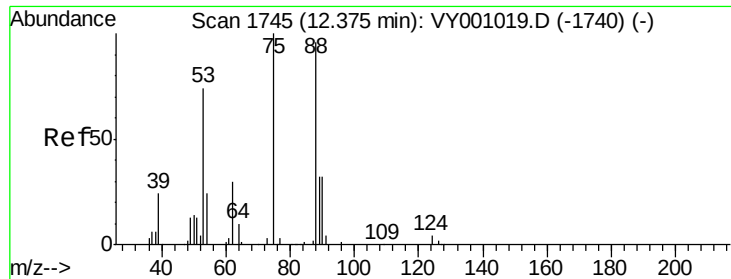
120 50.0 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.756 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

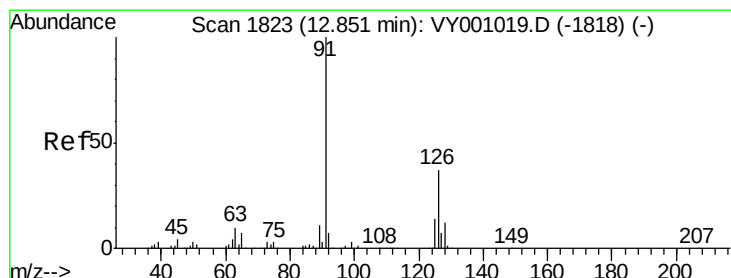
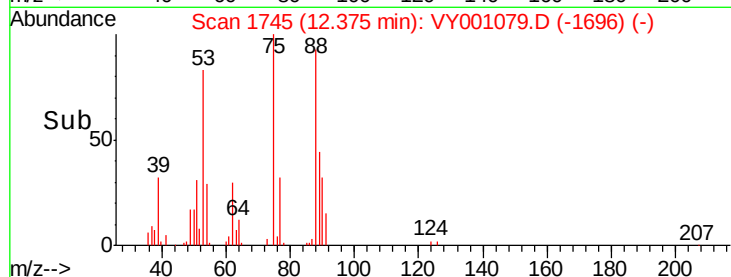
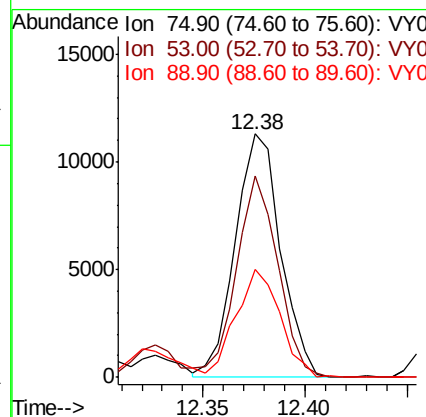
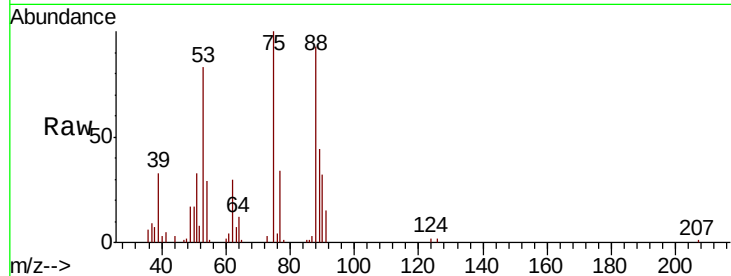
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	75	Resp:	17440
Ion	Ratio	Lower	Upper
75	100		
53	75.7	60.6	91.0
89	43.2	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.074 ug/l

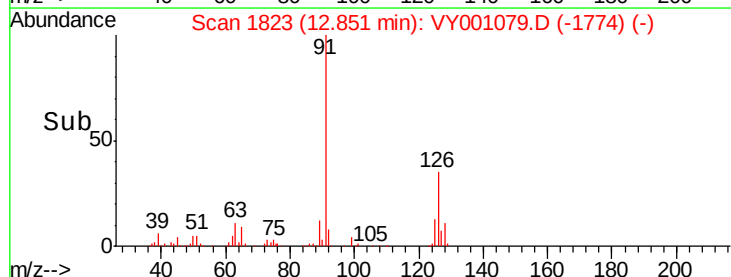
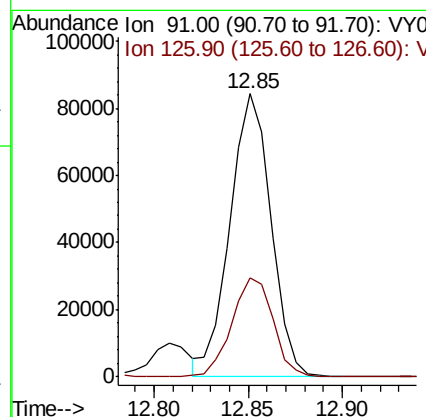
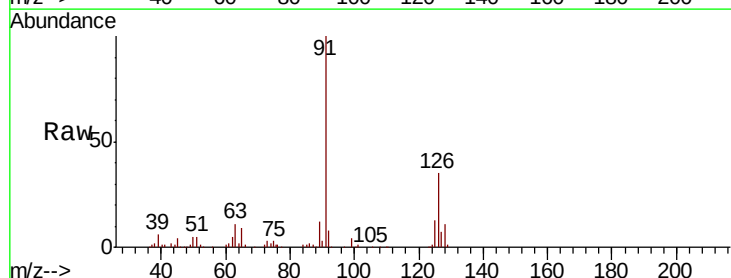
RT: 12.85 min Scan# 1823

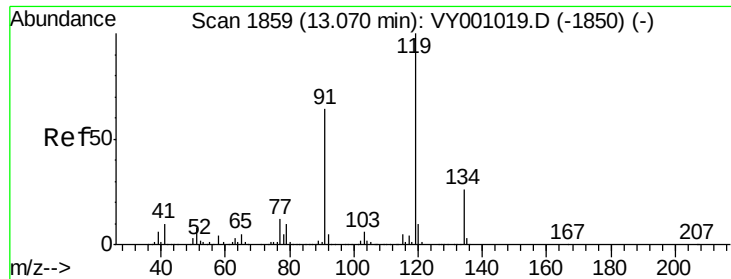
Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	91	Resp:	127357
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.8





#83

tert-Butylbenzene

Concen: 42.158 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

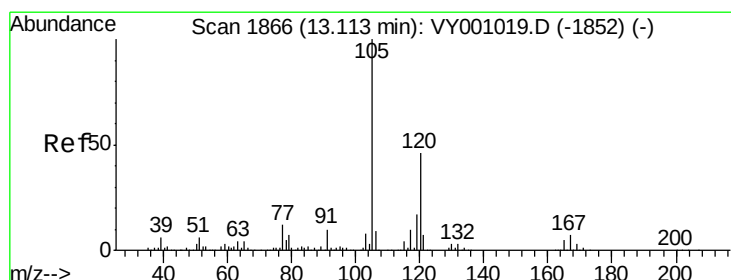
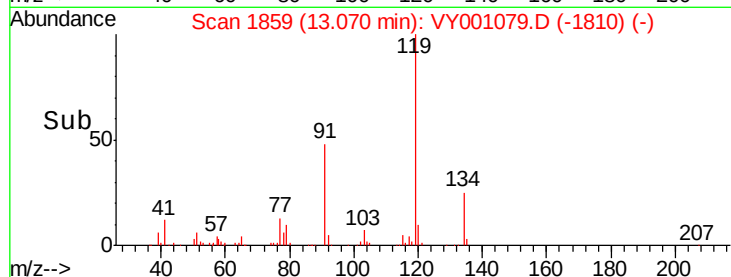
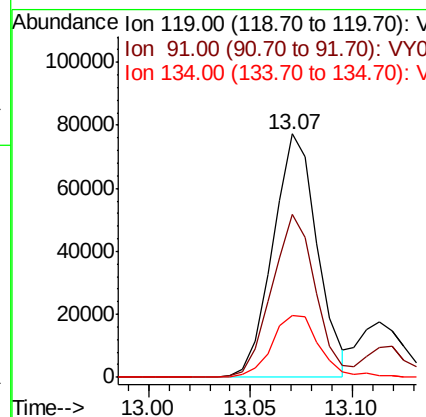
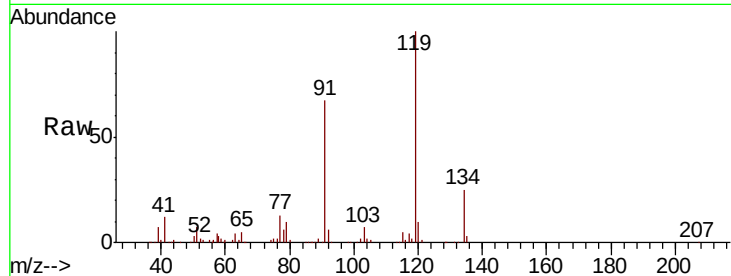
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	119	Resp:	117266
Ion Ratio	Lower	Upper	
119	100		
91	66.7	31.9	95.7
134	27.5	13.6	40.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 44.951 ug/l

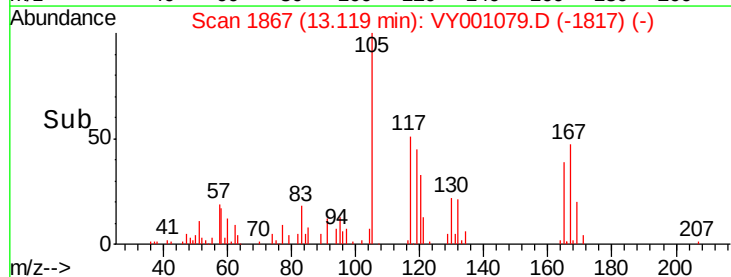
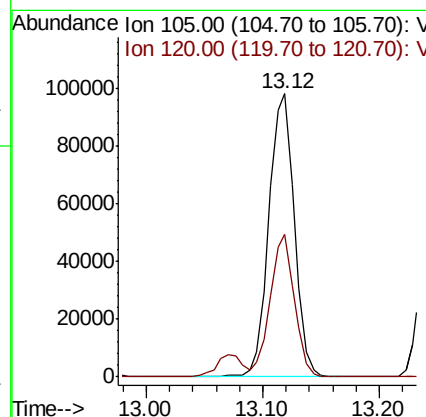
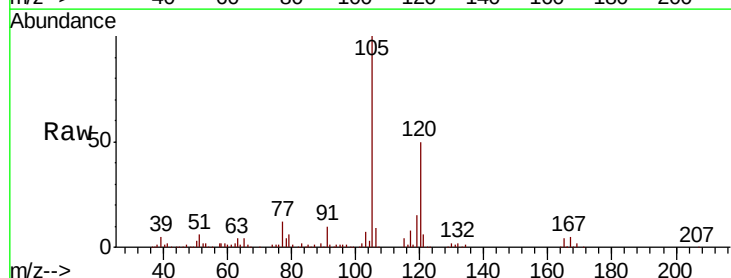
RT: 13.12 min Scan# 1867

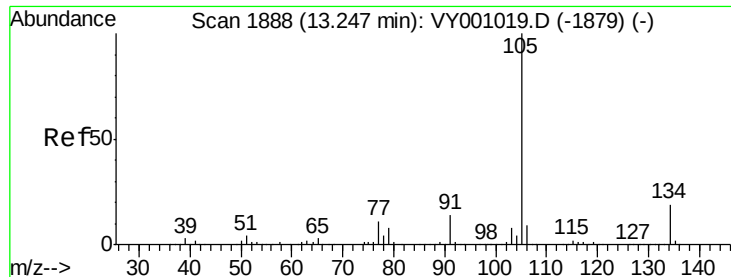
Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	105	Resp:	149679
Ion Ratio	Lower	Upper	
105	100		
120	47.7	23.4	70.2





#85

sec-Butylbenzene

Concen: 39.320 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MS

Tot Ion:105 Resp: 161239

Ion Ratio Lower Upper

105 100

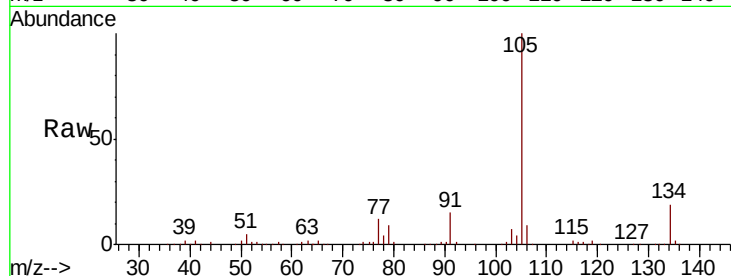
134 21.0 10.0 30.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

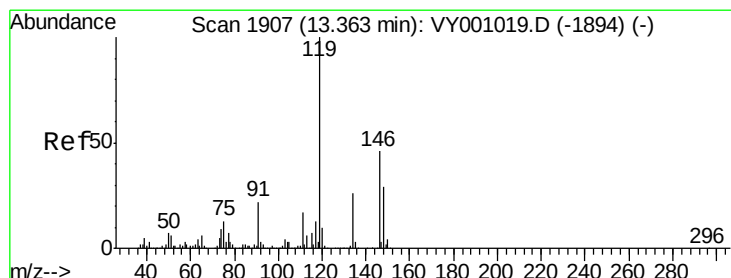
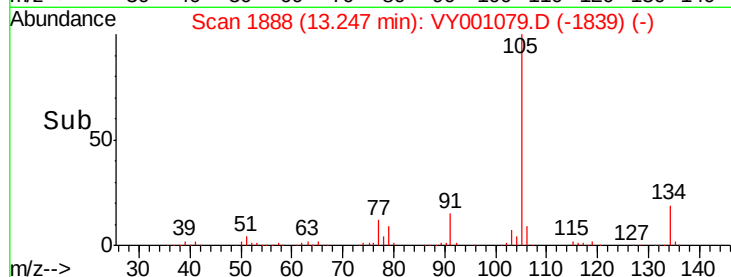
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 39.994 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

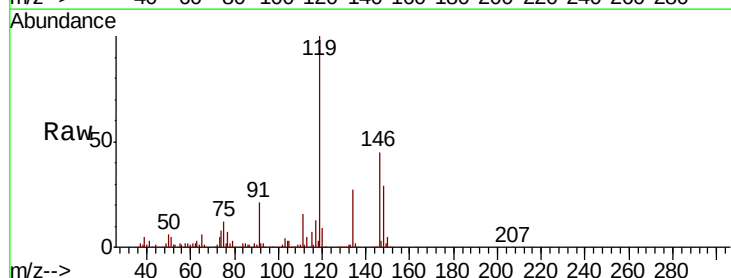
Tgt Ion:119 Resp: 141912

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

91 21.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

120000

100000

80000

60000

40000

20000

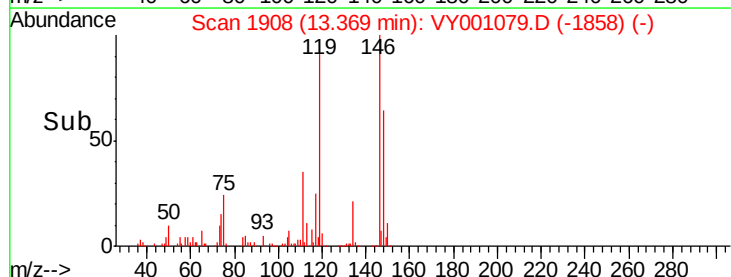
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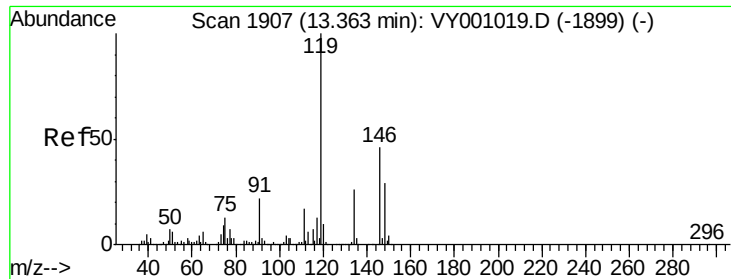
13.30

13.37

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 44.928 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

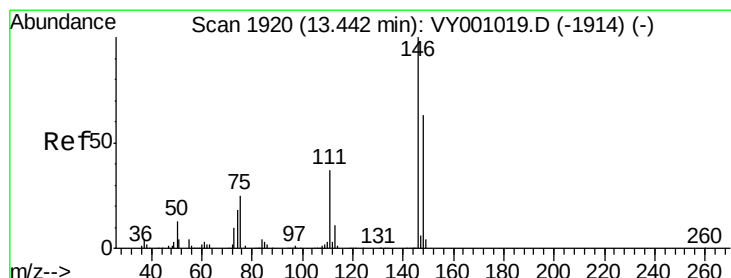
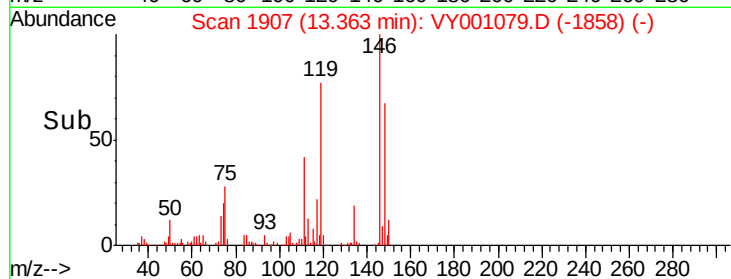
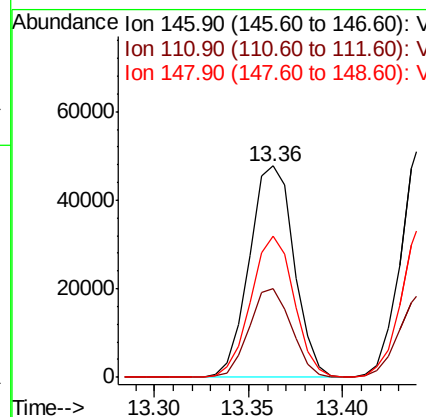
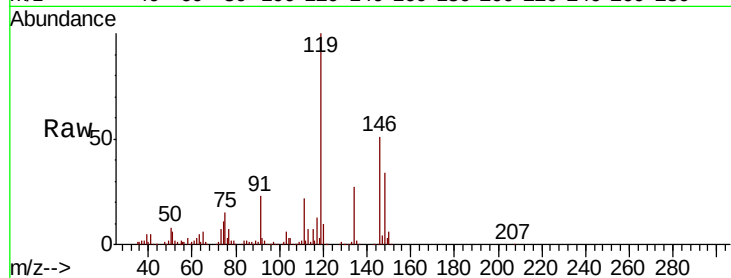
Instrument :
MSVOA_Y

ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	64.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.246 ug/l

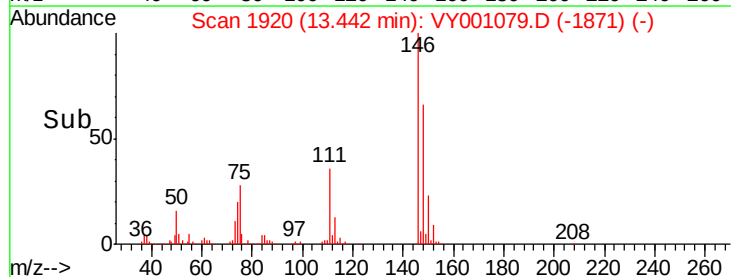
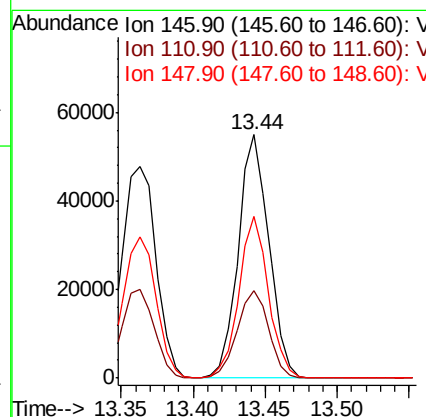
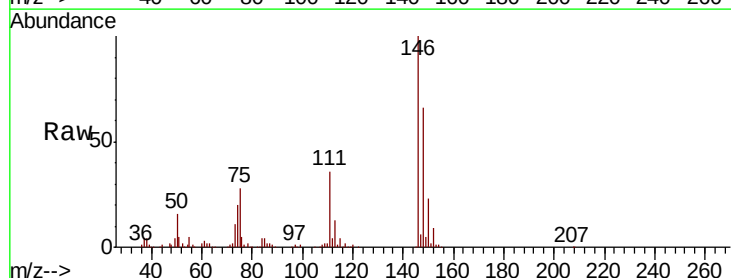
RT: 13.44 min Scan# 1920

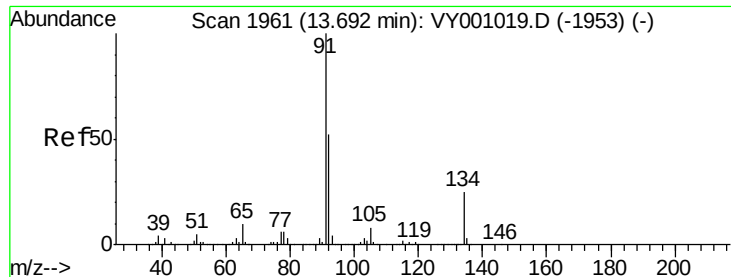
Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.4	58.2
148	63.8	31.8	95.3





#89

n-Butylbenzene

Concen: 35.722 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Instrument :

MSVOA_Y

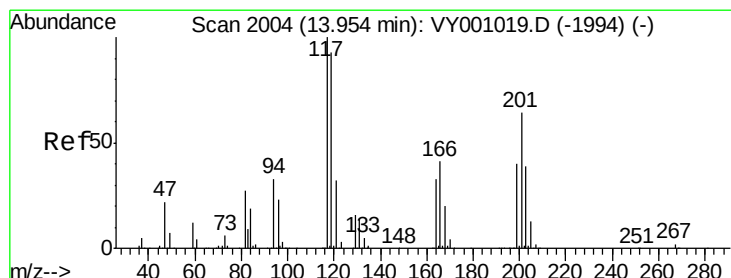
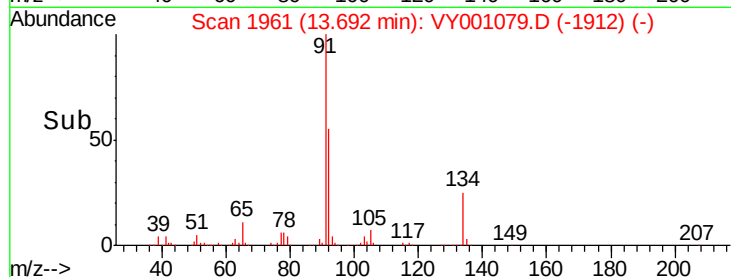
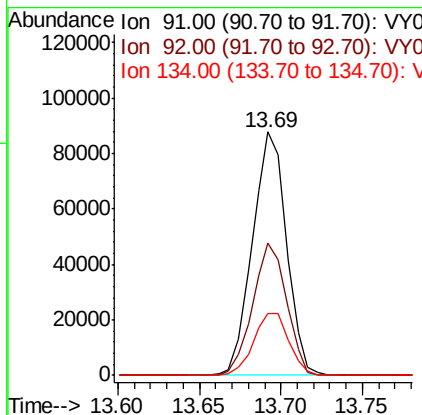
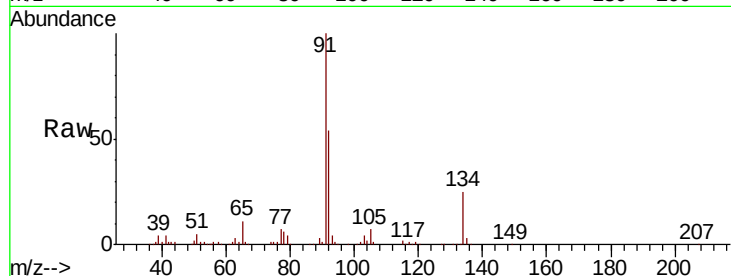
ClientSampleId :

DUNR-BF001-01MS

Tot Ion:	91	Resp:	127526
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	26.7	12.7	38.0

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#90

Hexachloroethane

Concen: 39.803 ug/l

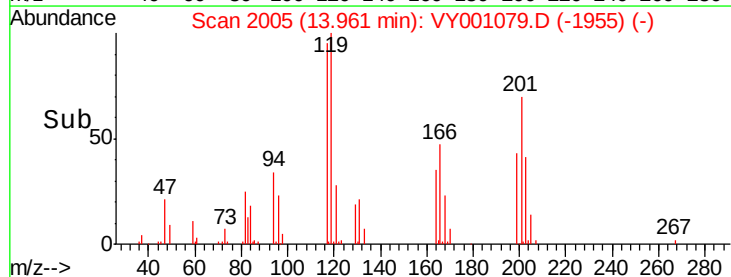
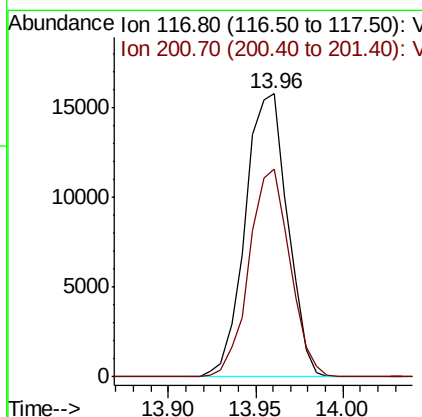
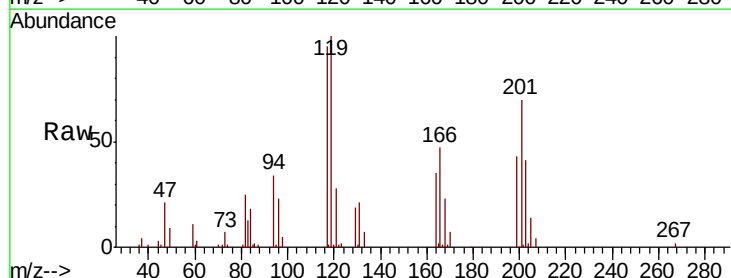
RT: 13.96 min Scan# 2005

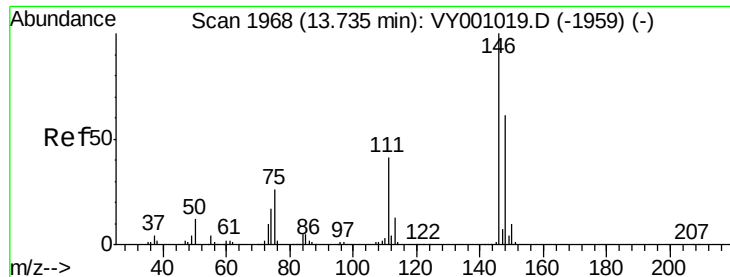
Delta R.T. 0.01 min

Lab File: VY001079.D

Acq: 26 Dec 2019 17:48

Tgt Ion:	117	Resp:	26609
Ion	Ratio	Lower	Upper
117	100		
201	70.7	33.7	101.1





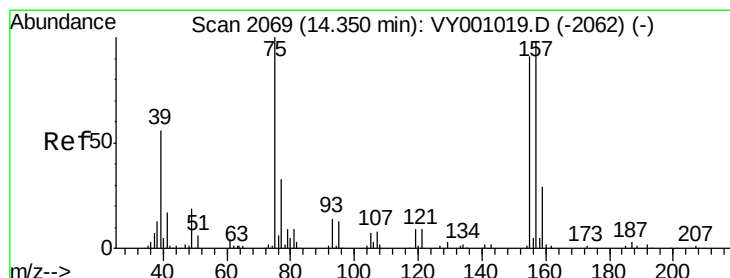
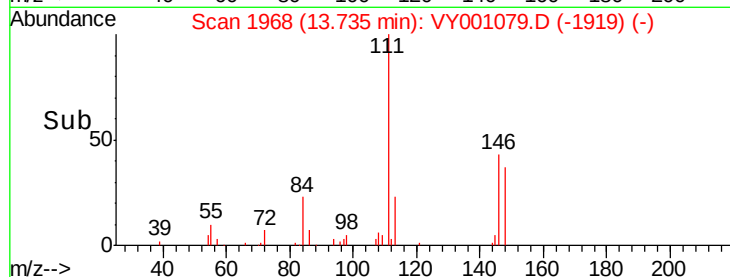
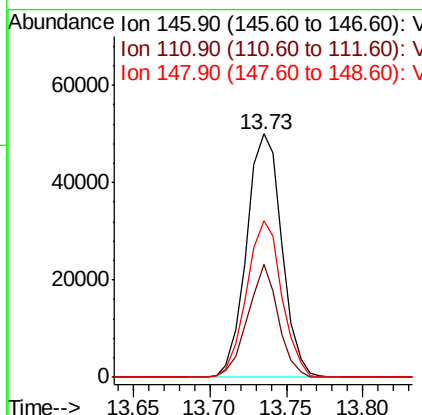
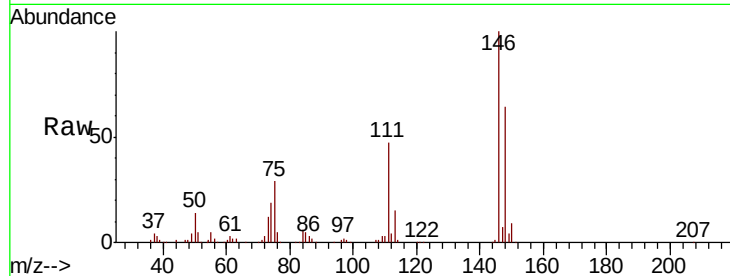
#91
 1,2-Dichlorobenzene
 Concen: 49.664 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	64.1	31.6	94.7

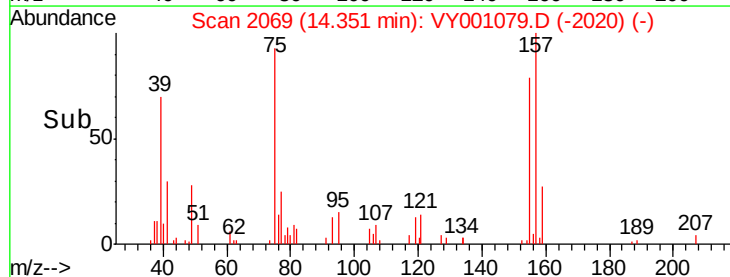
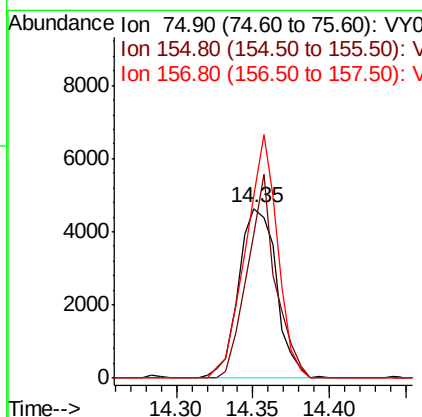
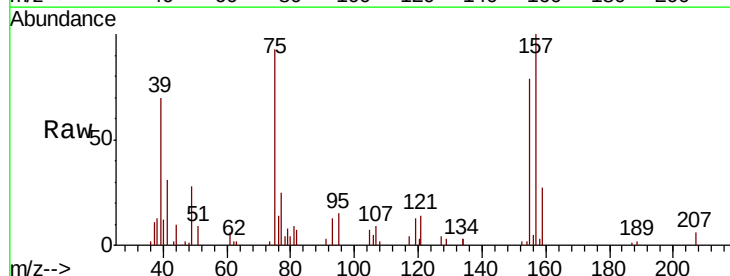
Manual Integrations
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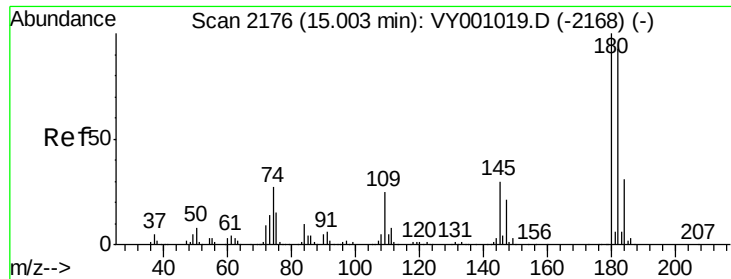
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.794 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	46.3	138.9
157	120.9	58.1	174.4





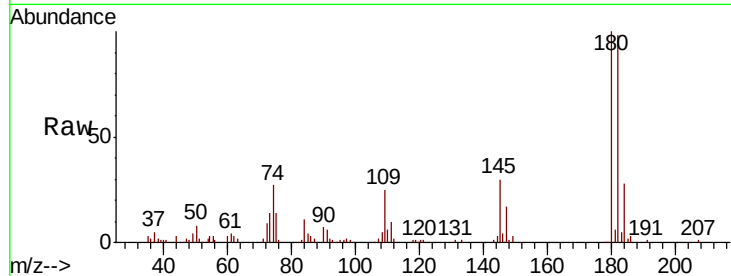
#93
 1,2,4-Trichlorobenzene
 Concen: 38.496 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MS

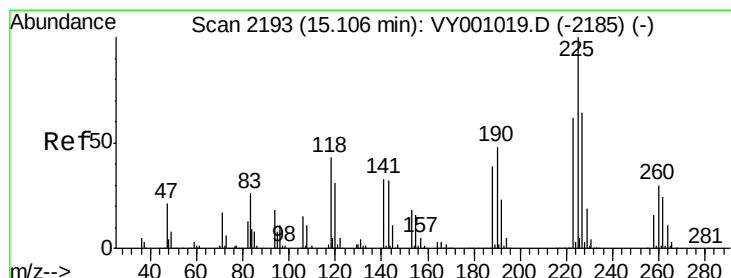
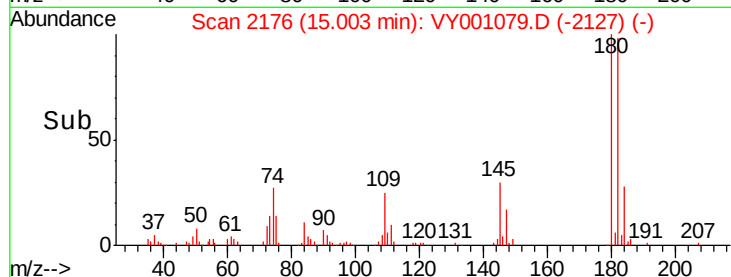
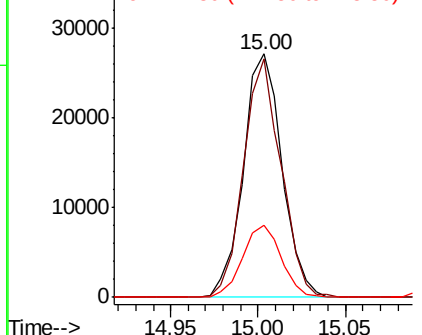
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.8	140.3
145	29.7	15.3	45.9

Manual Integrations
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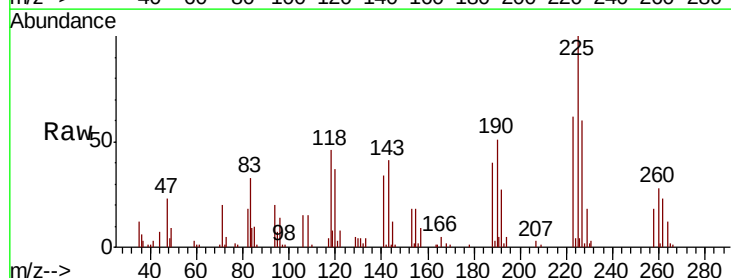


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

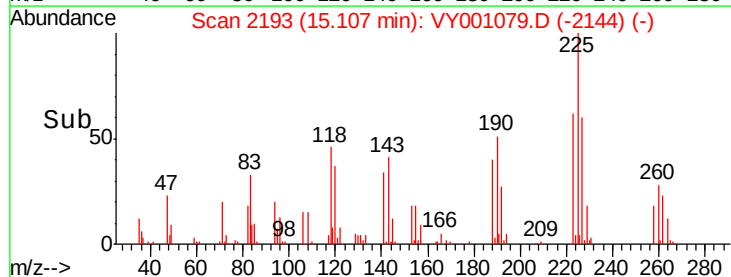
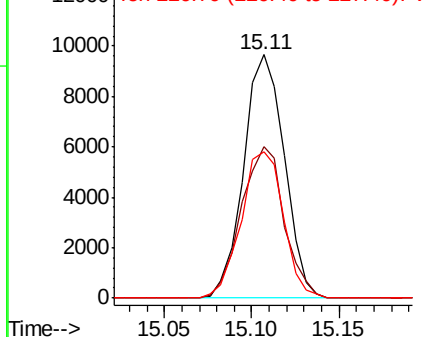


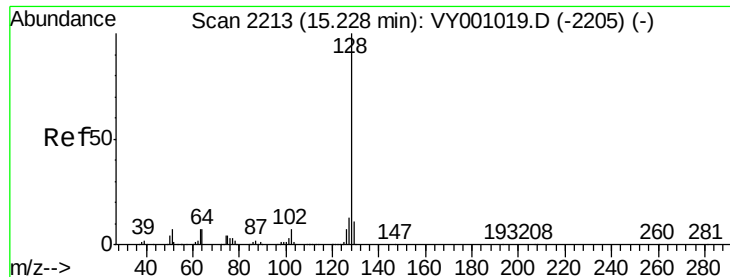
#94
 Hexachlorobutadiene
 Concen: 30.179 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001079.D
 Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.6	94.8
227	62.5	31.9	95.5



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





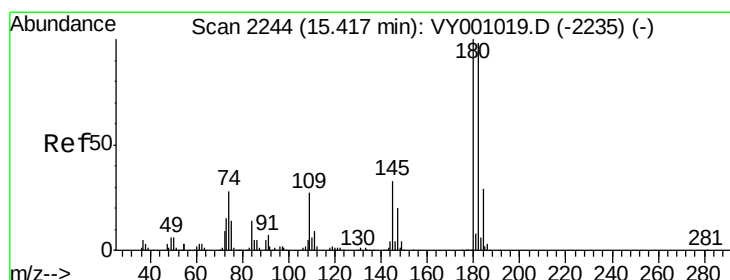
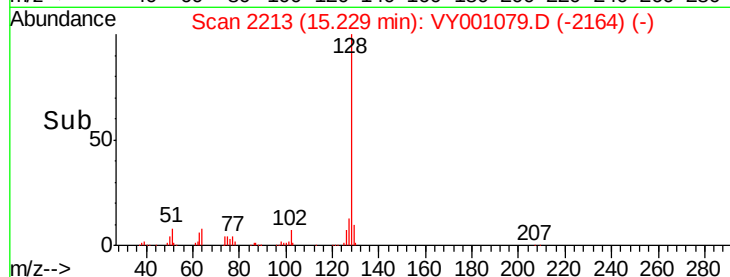
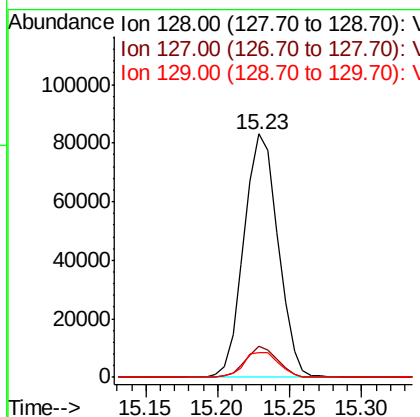
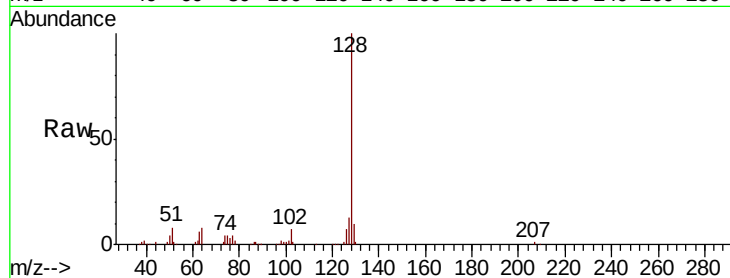
#95
Naphthalene
Concen: 53.486 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	136756		
127	11.9		9.9	14.9
129	10.6		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.917 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001079.D
Acq: 26 Dec 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	39673		
182	96.9		47.9	143.8
145	32.3		16.3	48.9

