

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001111.D
 Acq On : 27 Dec 2019 20:07
 Operator : SY/MD
 Sample : K6438-03MSD
 Misc : 5.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Manual Integrations
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 12/30/2019 3:36:05 PM

Quant Time: Dec 30 02:47:21 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	137887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	219396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	91682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	80334	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
35) Dibromofluoromethane	7.73	113	83105	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
50) Toluene-d8	10.18	98	322600	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.48	95	101003	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49609	41.289	ug/l	99
3) Chloromethane	2.11	50	50986	31.179	ug/l	96
4) Vinyl Chloride	2.25	62	47903	30.164	ug/l	100
5) Bromomethane	2.65	94	35562	34.568	ug/l	92
6) Chloroethane	2.80	64	34175	34.551	ug/l	93
7) Trichlorofluoromethane	3.13	101	88537	38.010	ug/l	98
8) Diethyl Ether	3.53	74	51529	54.195	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	70107	45.820	ug/l	96
10) Methyl Iodide	4.10	142	98246	46.474	ug/l	100
11) Tert butyl alcohol	4.96	59	41609	278.264	ug/l #	88
12) 1,1-Dichloroethene	3.88	96	70425	45.463	ug/l	97
13) Acrolein	3.74	56	10671	57.596	ug/l	98
14) Allyl chloride	4.49	41	108496	45.086	ug/l	98
15) Acrylonitrile	5.18	53	133671	281.300	ug/l	99
16) Acetone	3.96	43	88324	281.919	ug/l	96
17) Carbon Disulfide	4.20	76	182537	36.061	ug/l	97
18) Methyl Acetate	4.48	43	206875	172.112	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	230798	57.727	ug/l	98
20) Methylene Chloride	4.72	84	96401	52.276	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	83302	48.523	ug/l	97
22) Diisopropyl ether	6.13	45	253982	52.216	ug/l #	91
23) Vinyl Acetate	6.09	43	45565m	14.833	ug/l	
24) 1,1-Dichloroethane	6.03	63	144785	50.370	ug/l	99
25) 2-Butanone	7.00	43	151974	276.125	ug/l	95
26) 2,2-Dichloropropane	6.99	77	106004	44.887	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	100147	53.098	ug/l	96
28) Bromochloromethane	7.35	49	70830	63.155	ug/l	92
29) Tetrahydrofuran	7.36	42	104050	265.773	ug/l	93
30) Chloroform	7.52	83	146646	53.953	ug/l	97
31) Cyclohexane	7.79	56	113646	37.599	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	113306	48.869	ug/l	98
36) 1,1-Dichloropropene	7.92	75	106579	45.309	ug/l	99
37) Ethyl Acetate	7.09	43	38092	29.246	ug/l #	76
38) Carbon Tetrachloride	7.91	117	96692	46.917	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	117688	37.676	ug/l	97
40) Benzene	8.17	78	359464	50.654	ug/l	94
41) Methacrylonitrile	7.33	41	28393m	50.281	ug/l	
42) 1,2-Dichloroethane	8.25	62	91995	54.222	ug/l	100
43) Isopropyl Acetate	8.28	43	90453	37.515	ug/l #	90
44) Trichloroethene	8.94	130	93368	49.935	ug/l	98
45) 1,2-Dichloropropane	9.22	63	92889	52.177	ug/l	98
46) Dibromomethane	9.31	93	52161	56.838	ug/l	99
47) Bromodichloromethane	9.50	83	115000	54.099	ug/l #	95
48) Methyl methacrylate	9.30	41	70478	68.498	ug/l	94
49) 1,4-Dioxane	9.30	88	17817	1327.198	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	327124	260.305	ug/l	97
52) Toluene	10.24	92	218456	50.015	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	123956	53.730	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	146588	52.841	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	79697	58.172	ug/l	95
56) Ethyl methacrylate	10.51	69	65023	33.347	ug/l	93
57) 1,3-Dichloropropane	10.79	76	133171	55.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	186611	247.785	ug/l	99
59) 2-Hexanone	10.83	43	215424	247.739	ug/l	94
60) Dibromochloromethane	10.99	129	84586	57.800	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73920	56.423	ug/l	98
64) Tetrachloroethene	10.72	164	96240	50.698	ug/l	97
65) Chlorobenzene	11.52	112	234547	51.538	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	83991	55.926	ug/l	98
67) Ethyl Benzene	11.59	91	404503	49.416	ug/l	97
68) m/p-Xylenes	11.70	106	305612	98.329	ug/l	97
69) o-Xylene	12.03	106	150776	51.565	ug/l	97
70) Styrene	12.04	104	246613	49.602	ug/l	98
71) Bromoform	12.20	173	49458	59.143	ug/l #	98
73) Isopropylbenzene	12.33	105	370308	52.194	ug/l	99
74) N-amyl acetate	12.14	43	14763	7.921	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	86283	61.733	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	71627m	63.373	ug/l	
77) Bromobenzene	12.61	156	91640	57.431	ug/l	95
78) n-propylbenzene	12.67	91	418058	48.358	ug/l	98
79) 2-Chlorotoluene	12.75	91	241675	50.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	296754	51.028	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30158	56.908	ug/l	95
82) 4-Chlorotoluene	12.85	91	247011	49.813	ug/l	97
83) tert-Butylbenzene	13.07	119	249374	51.083	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	290238	49.665	ug/l	98
85) sec-Butylbenzene	13.25	105	331778	46.101	ug/l	100
86) p-Isopropyltoluene	13.36	119	278086	44.656	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	156373	51.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	158038	51.121	ug/l	98
89) n-Butylbenzene	13.69	91	246460	39.337	ug/l	99
90) Hexachloroethane	13.95	117	57565	49.065	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	151306	53.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13481	57.650	ug/l	95

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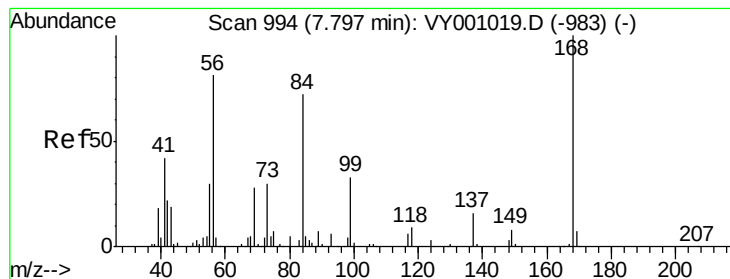
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	77910	40.831	ug/l	99
94) Hexachlorobutadiene	15.11	225	30921	34.054	ug/l	92
95) Naphthalene	15.23	128	231211	51.525	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	70571	41.472	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:168 Resp: 137887

Ion Ratio Lower Upper

168 100

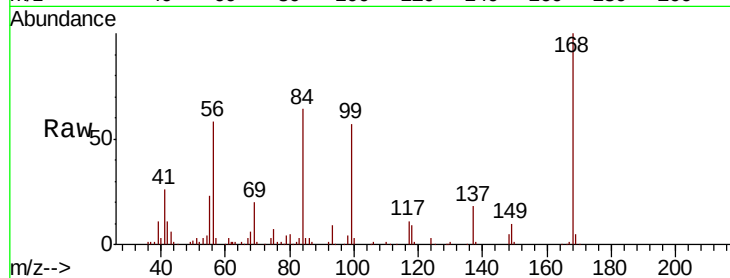
99 56.5 44.0 66.0

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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

60000

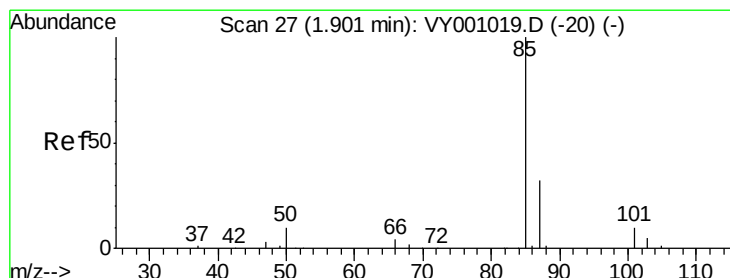
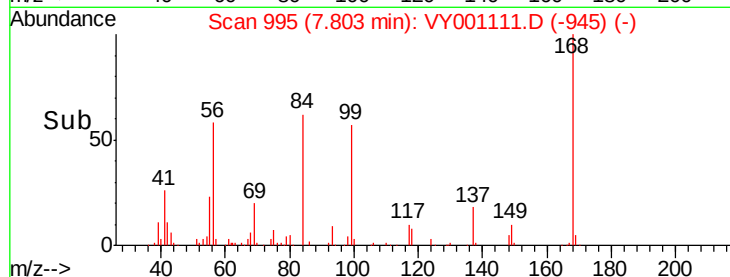
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.289 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001111.D

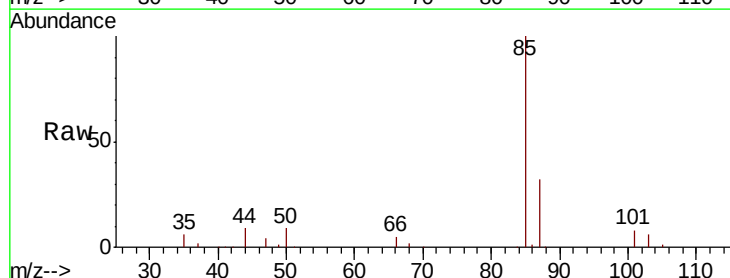
Acq: 27 Dec 2019 20:07

Tgt Ion: 85 Resp: 49609

Ion Ratio Lower Upper

85 100

87 32.3 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

30000

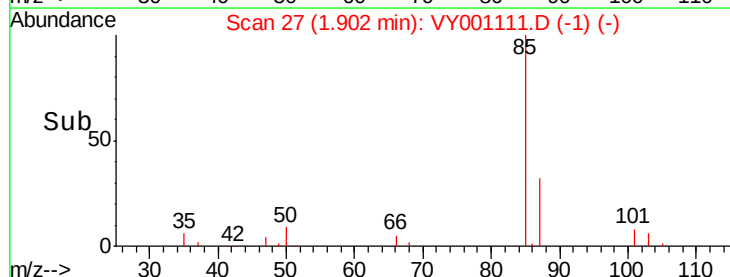
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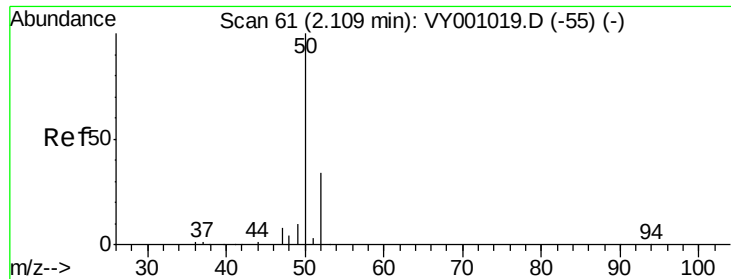
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 31.179 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 50 Resp: 50986

Ion Ratio Lower Upper

50 100

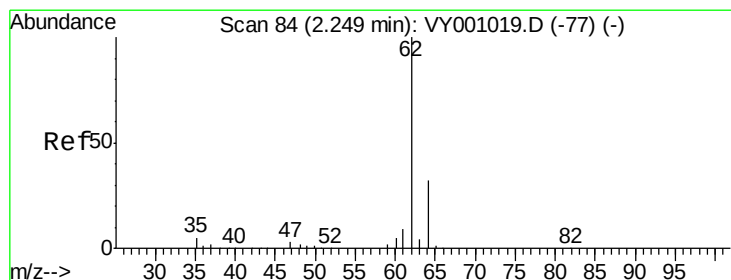
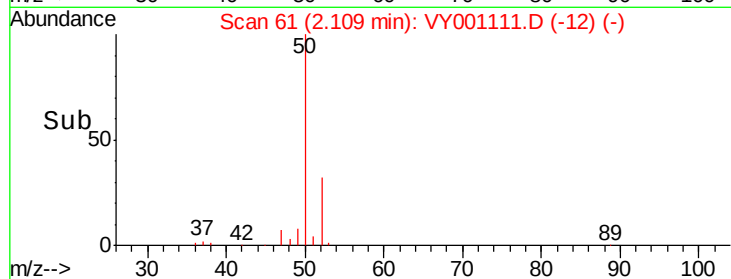
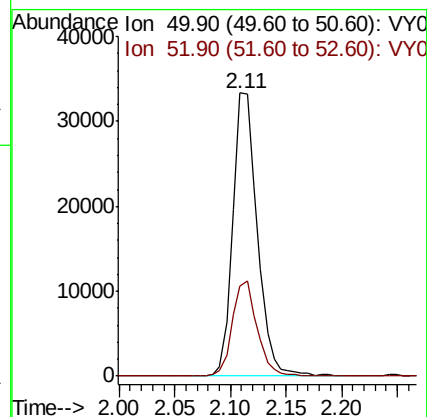
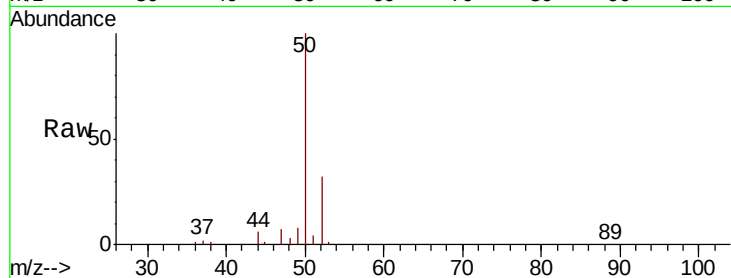
52 31.6 27.1 40.7

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#4

Vinyl Chloride

Concen: 30.164 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001111.D

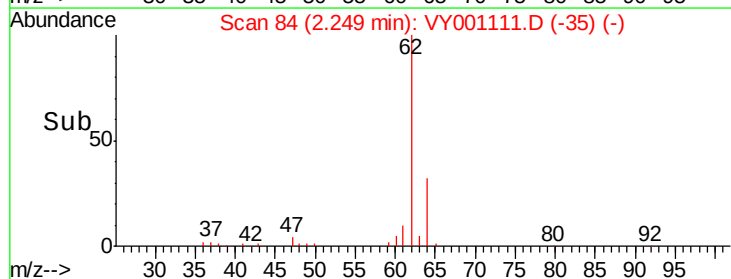
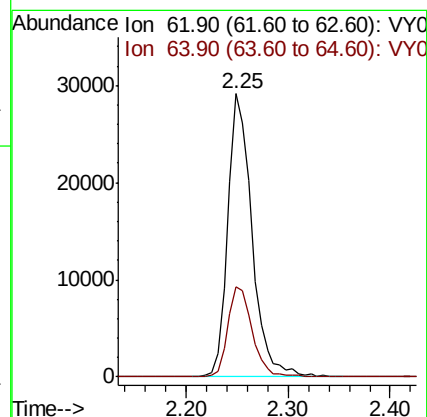
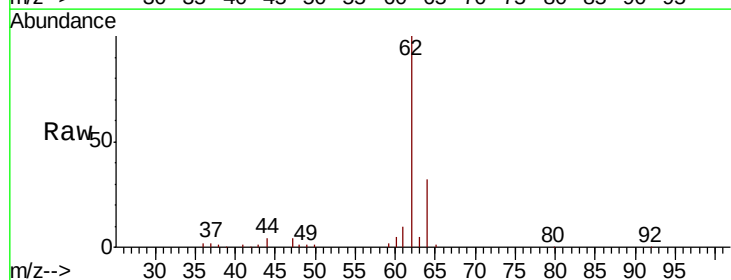
Acq: 27 Dec 2019 20:07

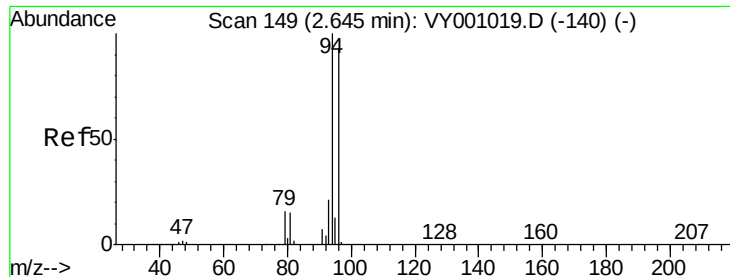
Tgt Ion: 62 Resp: 47903

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 34.568 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 94 Resp: 35562

Ion Ratio Lower Upper

94 100

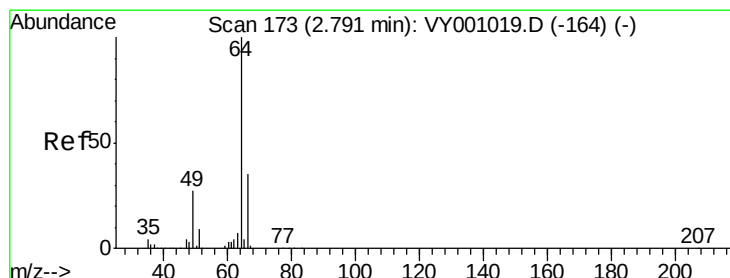
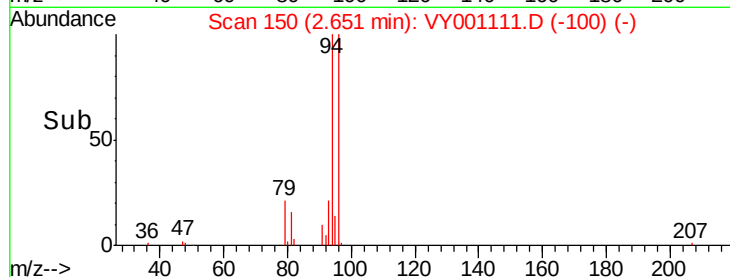
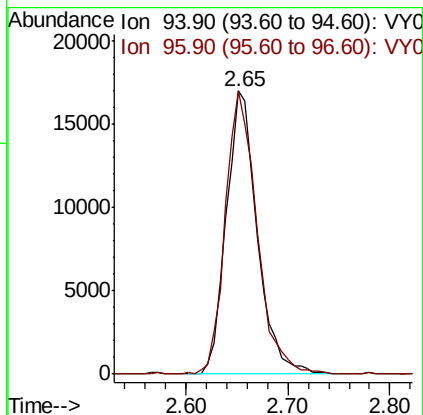
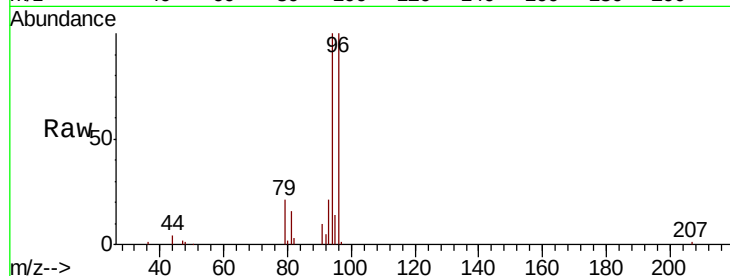
96 100.1 74.2 111.4

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#6

Chloroethane

Concen: 34.551 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001111.D

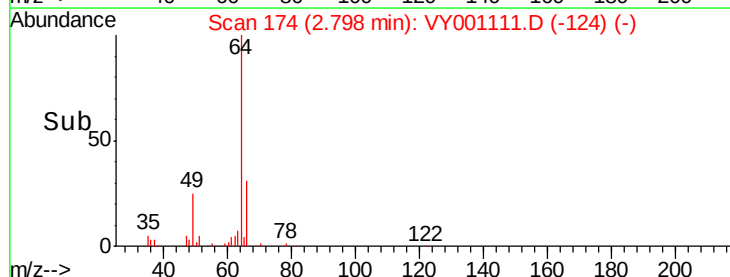
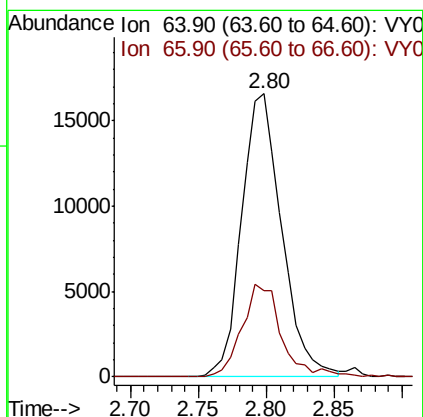
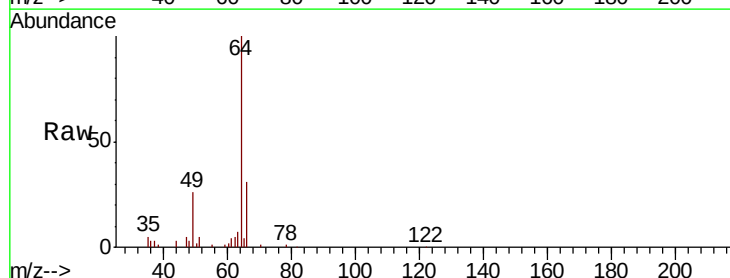
Acq: 27 Dec 2019 20:07

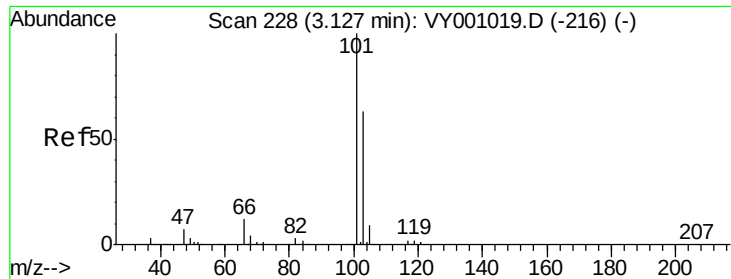
Tgt Ion: 64 Resp: 34175

Ion Ratio Lower Upper

64 100

66 30.6 27.8 41.6





#7

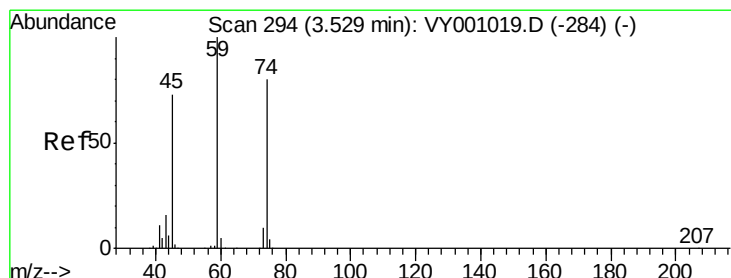
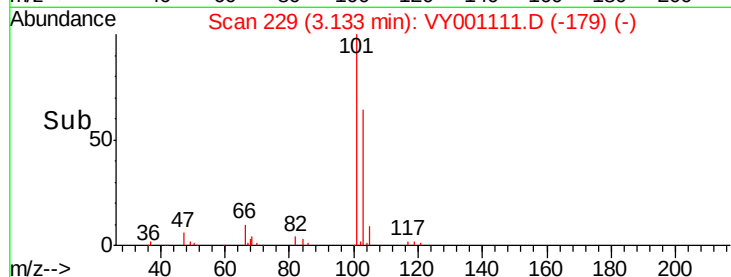
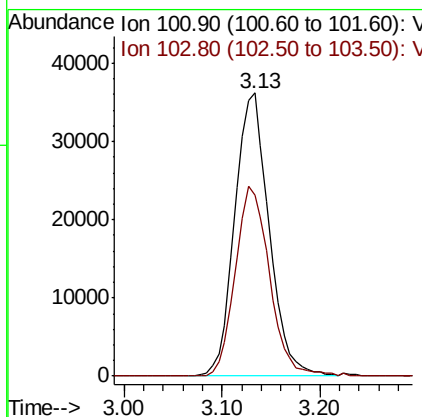
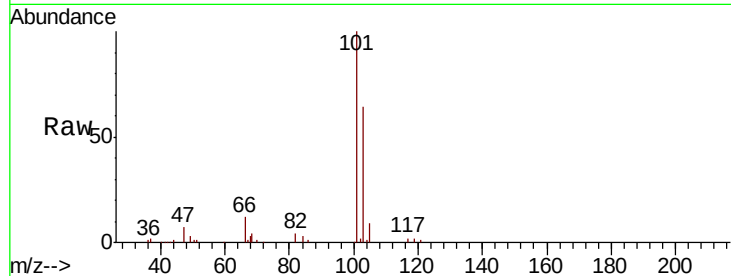
Trichlorofluoromethane
Concen: 38.010 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
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ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.2	75.2

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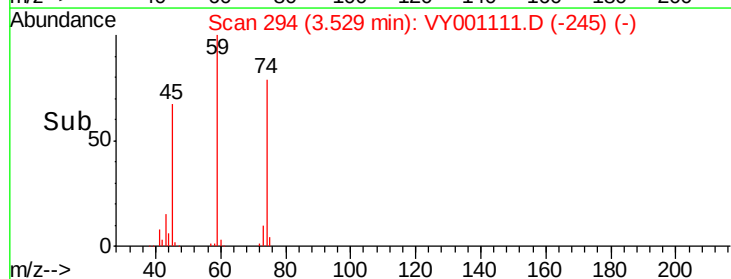
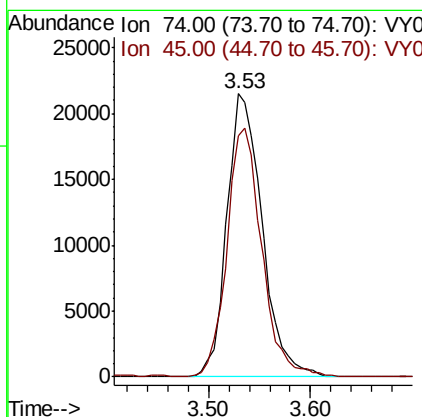
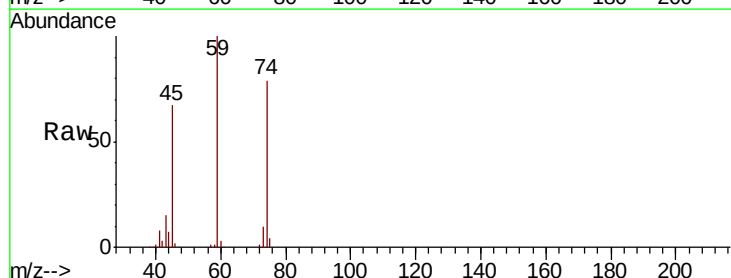
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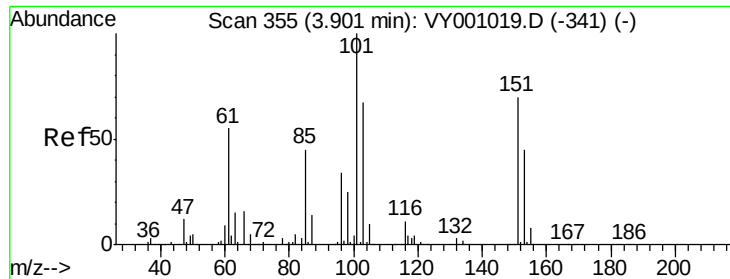


#8

Diethyl Ether
Concen: 54.195 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.6	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.820 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

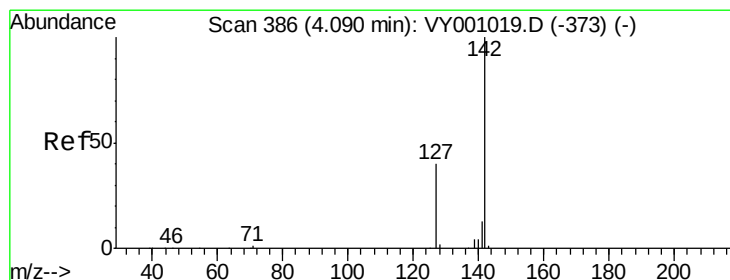
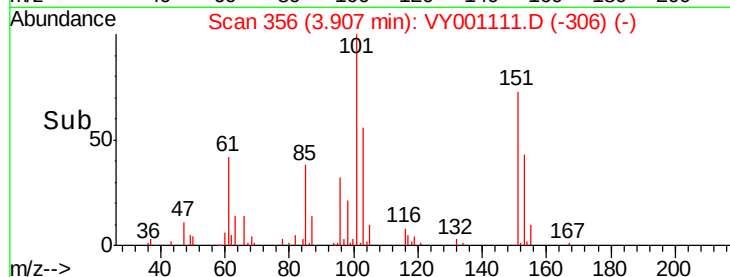
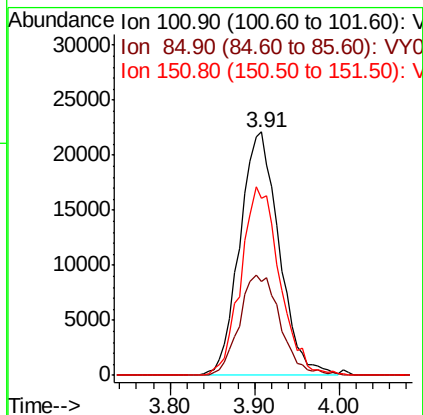
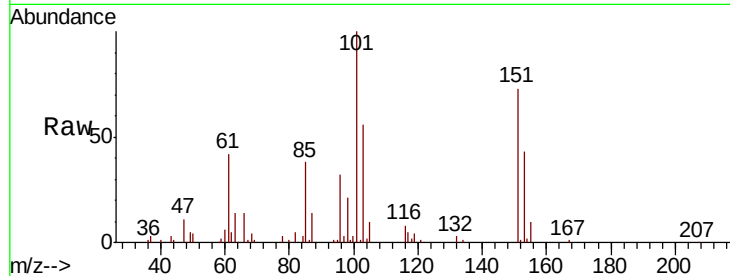
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	101	Resp:	70107
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.2
151	76.5	57.0	85.6

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#10

Methyl Iodide

Concen: 46.474 ug/l

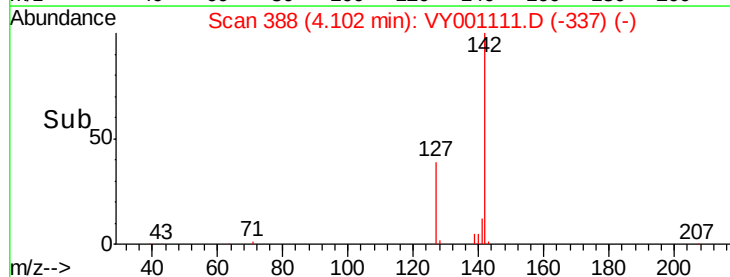
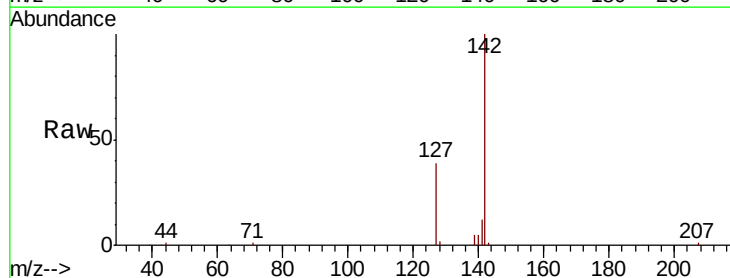
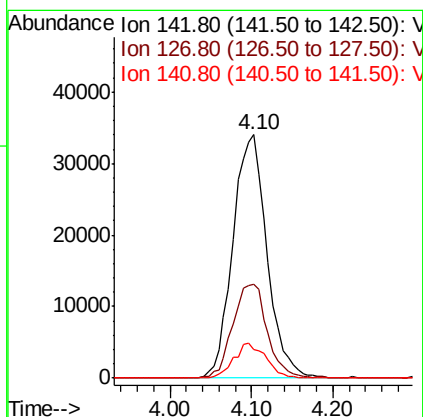
RT: 4.10 min Scan# 388

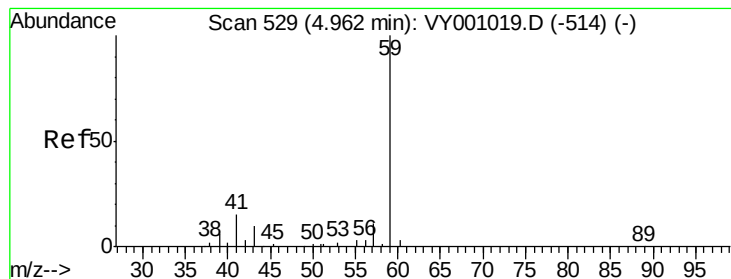
Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion:	142	Resp:	98246
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.2	46.8
141	13.7	11.0	16.4





#11

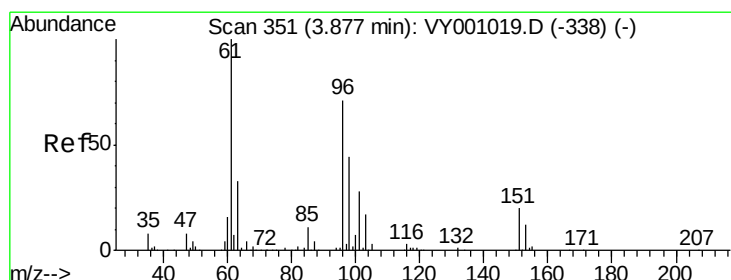
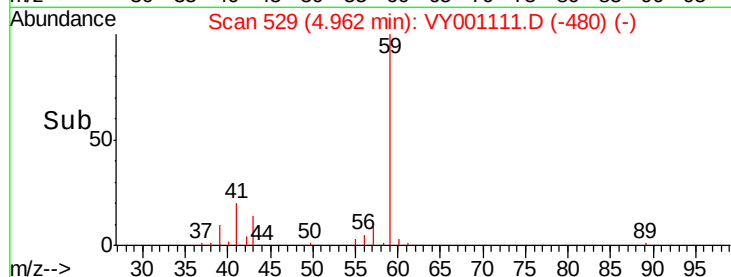
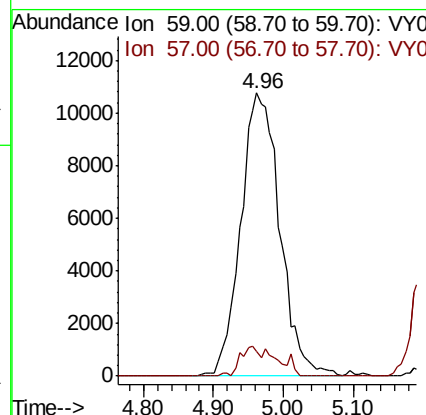
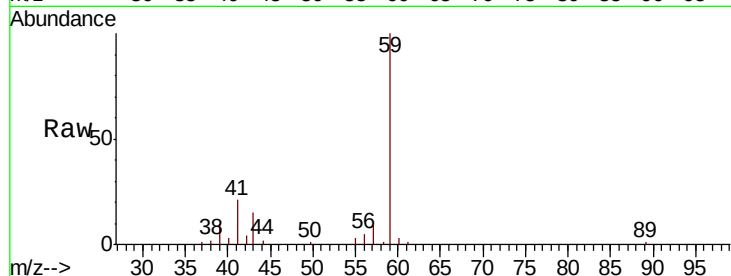
Tert butyl alcohol
Concen: 278.264 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	41609		
57	57	5.3		7.8	11.6#

Manual Integrations
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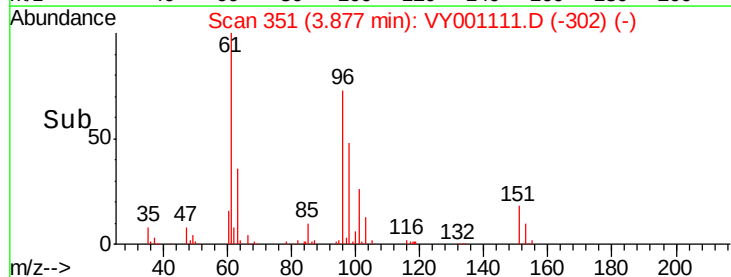
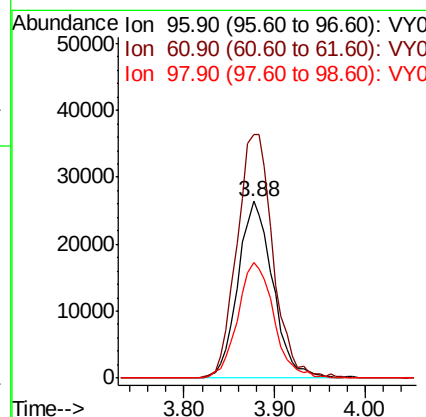
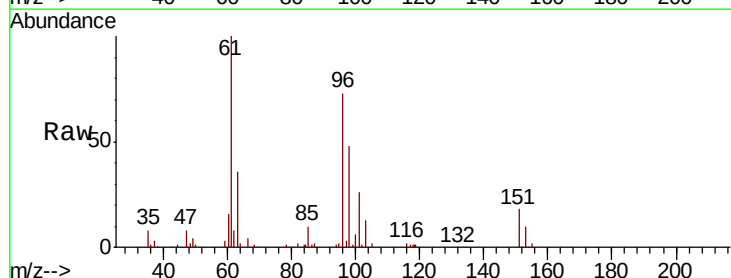
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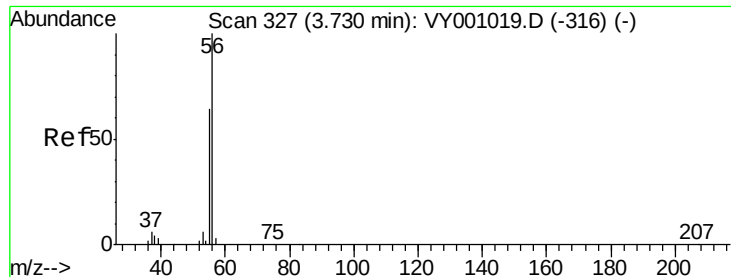


#12

1,1-Dichloroethene
Concen: 45.463 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	70425		
61	61	137.4		113.0	169.4
98	98	65.4		49.8	74.8





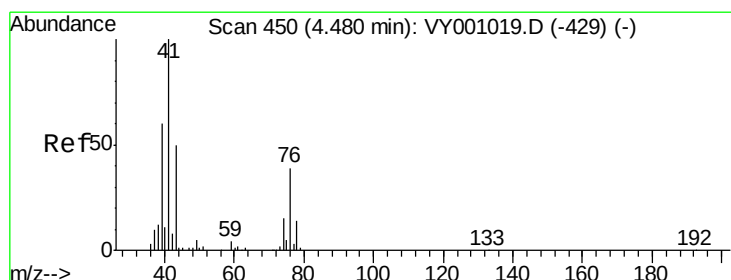
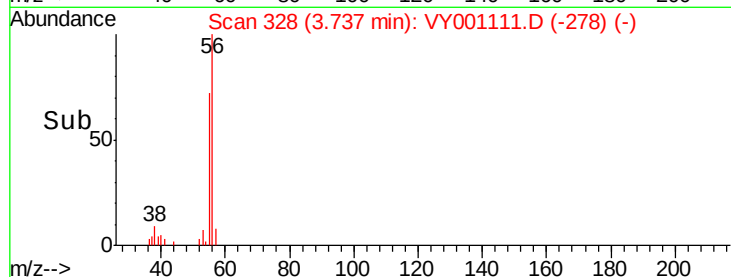
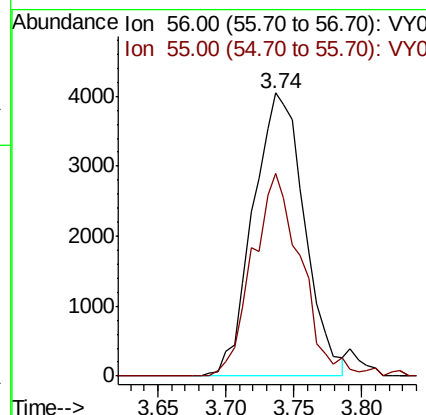
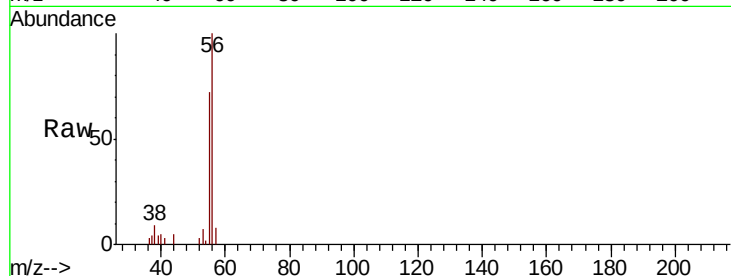
#13
Acrolein
Concen: 57.596 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	56	Resp	10671
Ion Ratio	100	Lower	Upper
56	100		
55	67.7	55.6	83.4

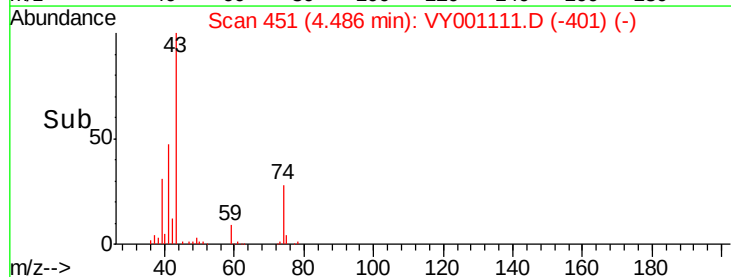
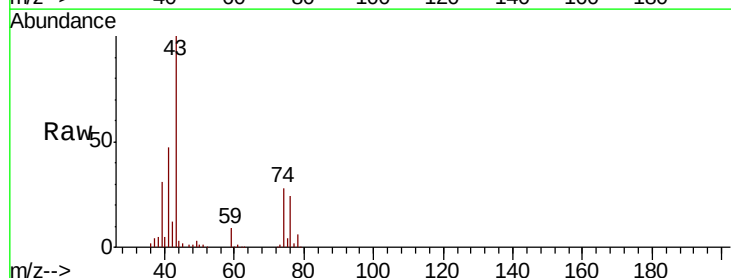
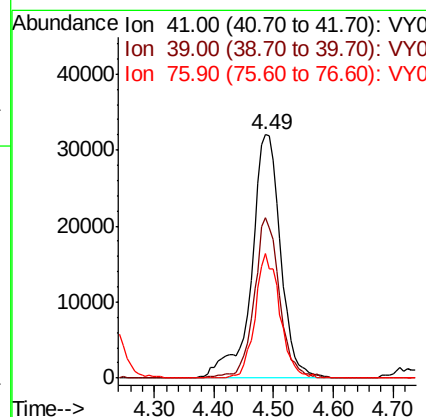
Manual Integrations
APPROVED

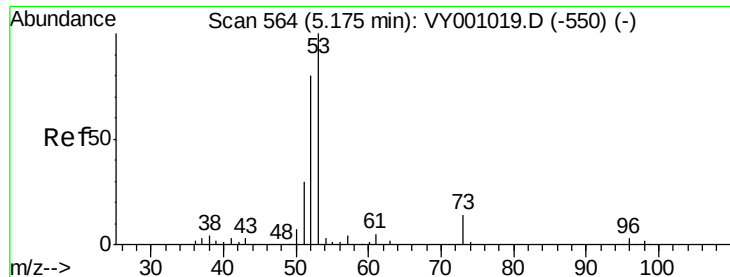
apatel
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#14
Allyl chloride
Concen: 45.086 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	41	Resp	108496
Ion Ratio	100	Lower	Upper
41	100		
39	57.7	46.0	69.0
76	43.7	32.6	48.8





#15

Acrylonitrile

Concen: 281.300 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

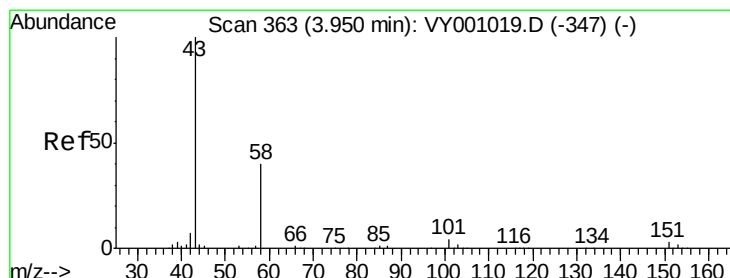
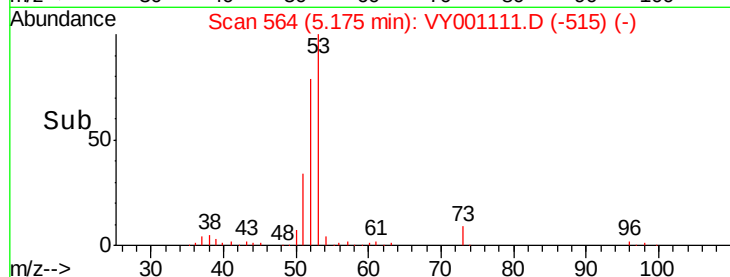
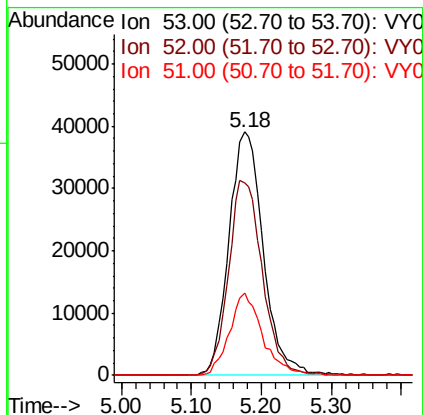
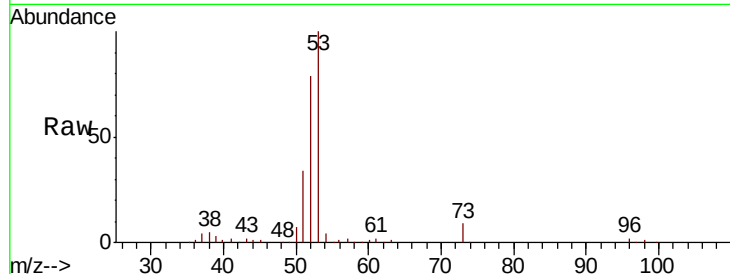
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	53	Resp:	133671
Ion	Ratio	Lower	Upper
53	100		
52	78.3	63.6	95.4
51	32.5	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 281.919 ug/l

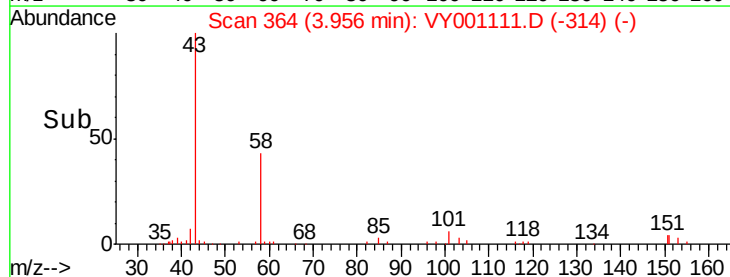
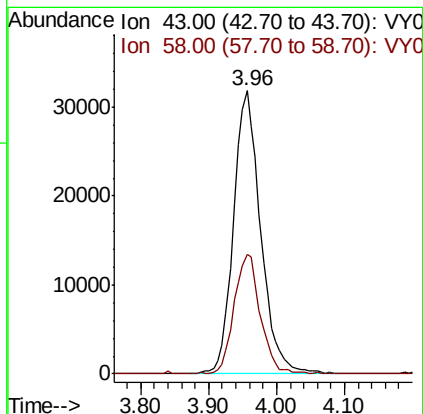
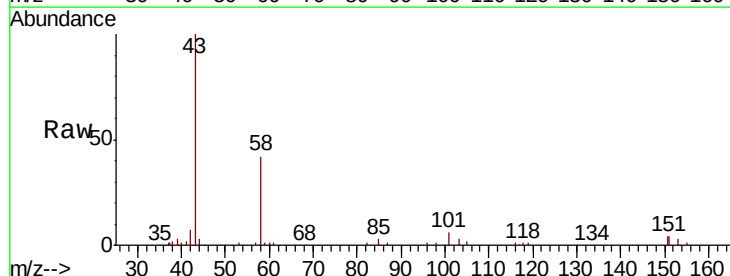
RT: 3.96 min Scan# 364

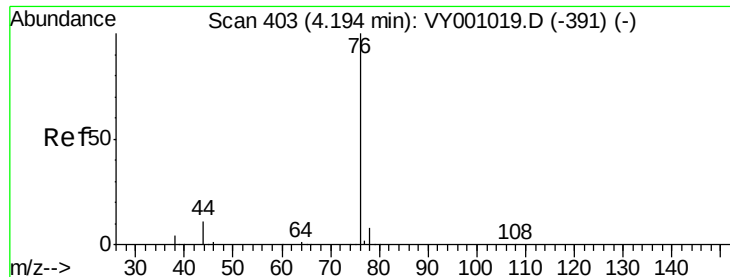
Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion:	43	Resp:	88324
Ion	Ratio	Lower	Upper
43	100		
58	42.3	32.1	48.1





#17

Carbon Disulfide

Concen: 36.061 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 76 Resp: 182537

Ion Ratio Lower Upper

76 100

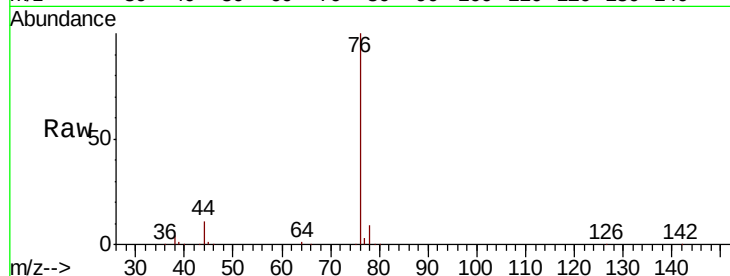
78 9.4 6.7 10.1

Manual Integrations

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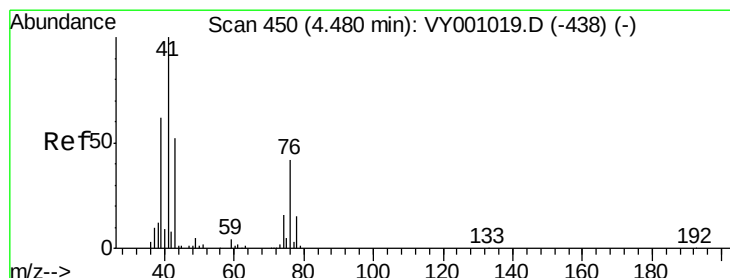
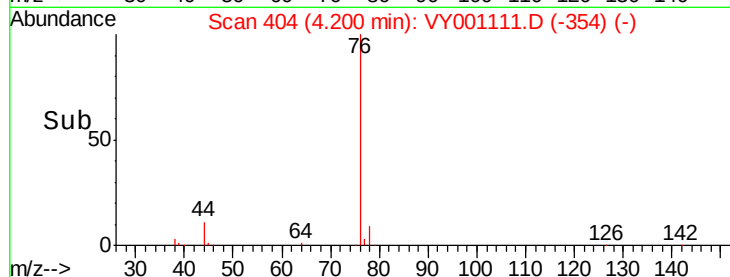
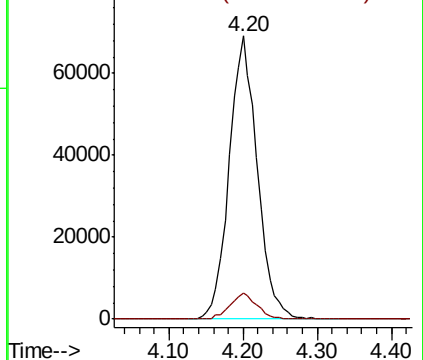
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 172.112 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001111.D

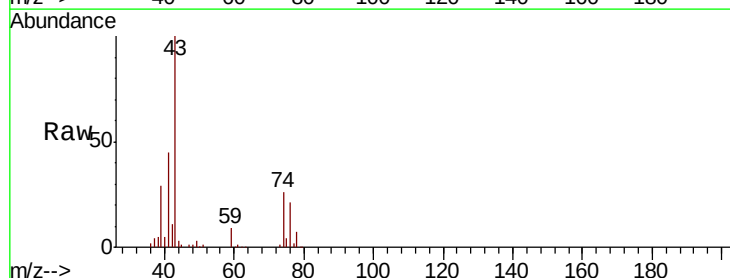
Acq: 27 Dec 2019 20:07

Tgt Ion: 43 Resp: 206875

Ion Ratio Lower Upper

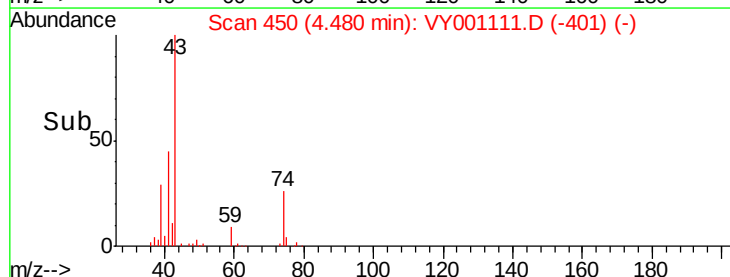
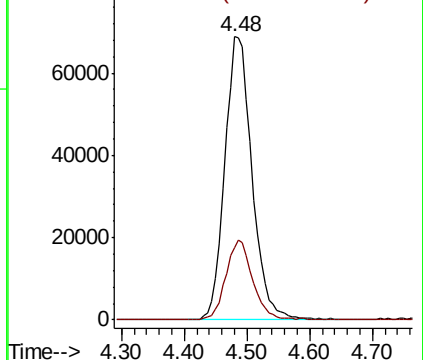
43 100

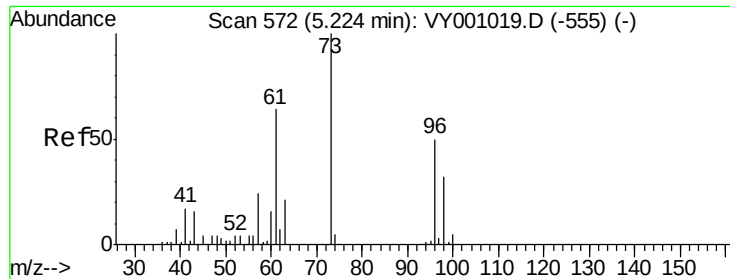
74 27.4 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





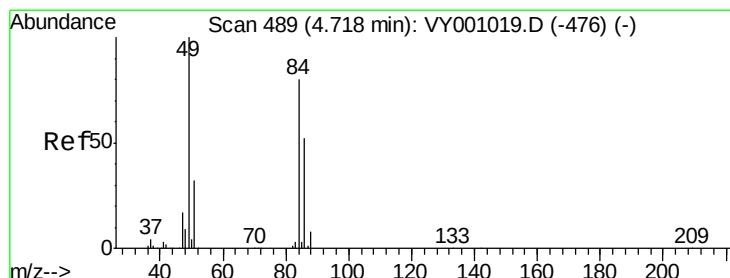
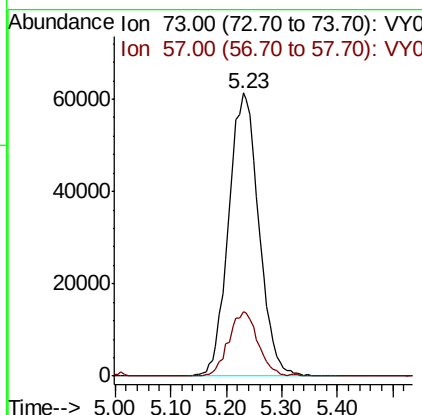
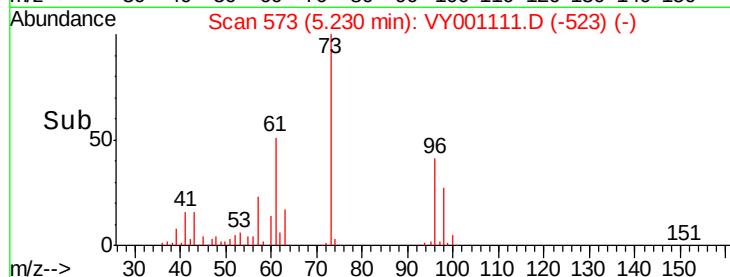
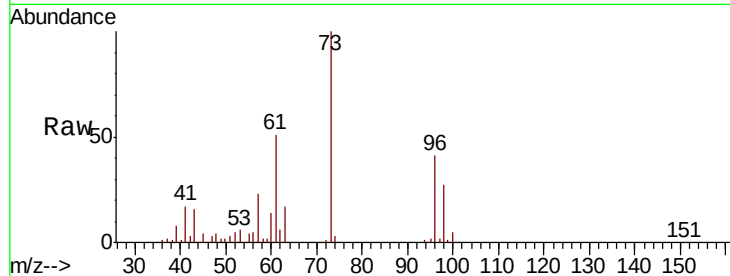
#19
Methyl tert-butyl Ether
Concen: 57.727 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	19.0	28.6

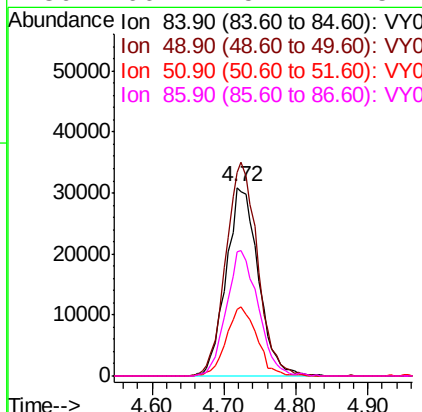
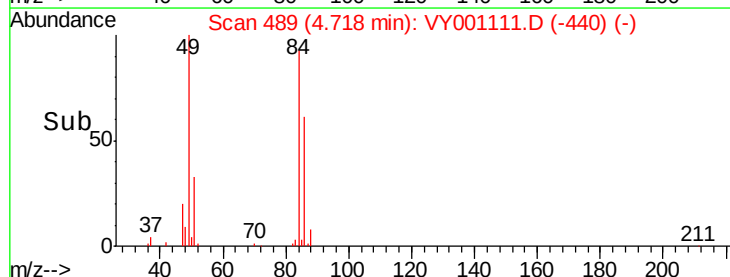
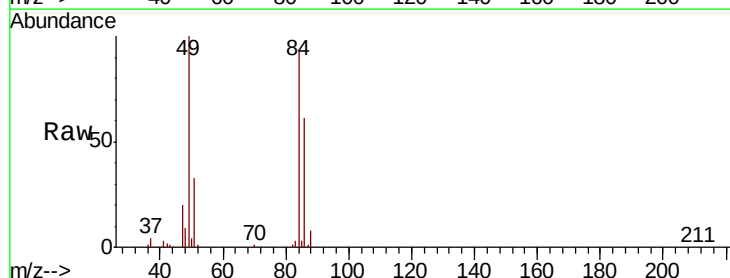
Manual Integrations
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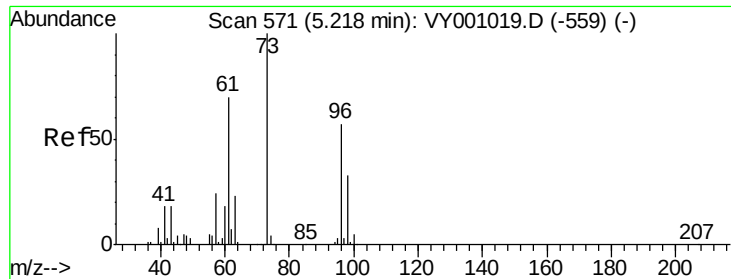
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#20
Methylene Chloride
Concen: 52.276 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	99.8	149.6
51	35.3	31.4	47.2
86	66.1	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 48.523 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 96 Resp: 83302

Ion Ratio Lower Upper

96 100

61 119.5 98.1 147.1

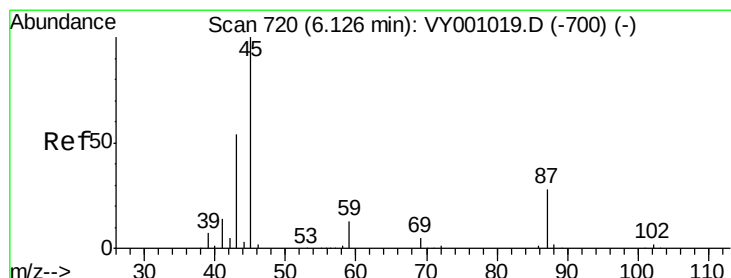
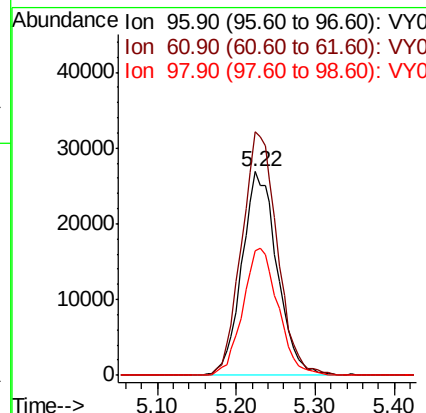
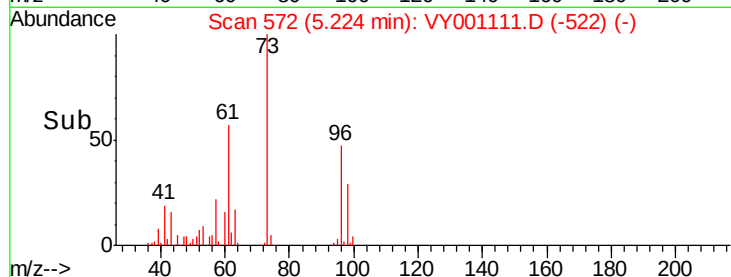
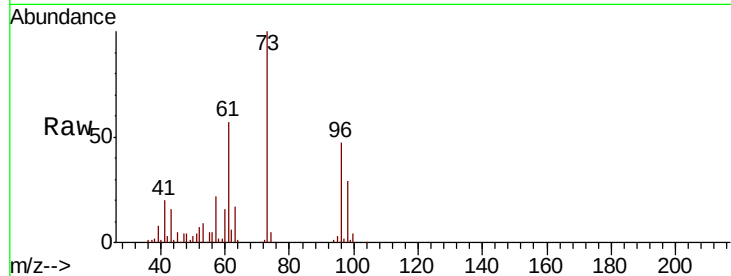
98 61.3 47.2 70.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 52.216 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion: 45 Resp: 253982

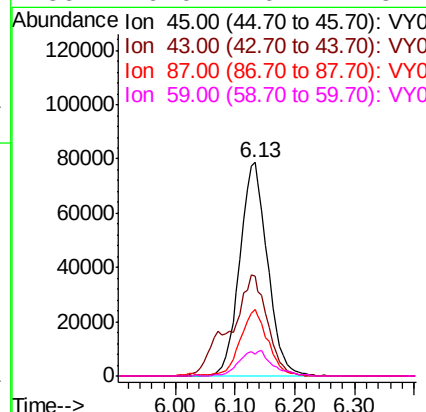
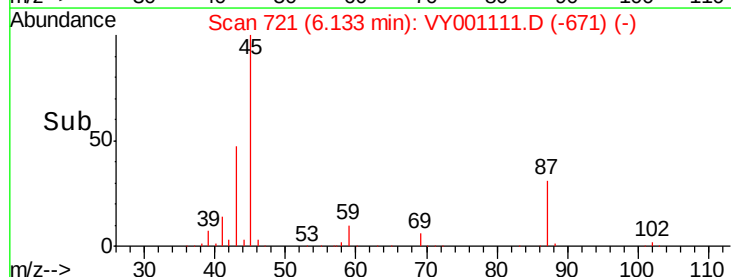
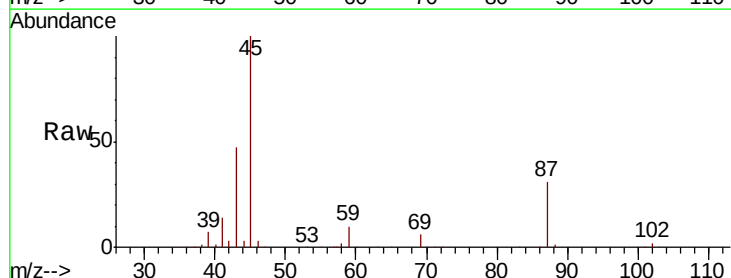
Ion Ratio Lower Upper

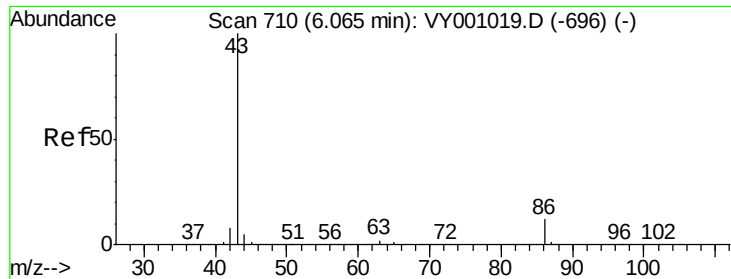
45 100

43 46.6 43.6 65.4

87 31.3 23.1 34.7

59 10.0 10.2 15.4#





#23

Vinyl Acetate

Concen: 14.833 ug/l m

RT: 6.09 min Scan# 714

Delta R.T. 0.02 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 43 Resp: 45565

Ion Ratio Lower Upper

43 100

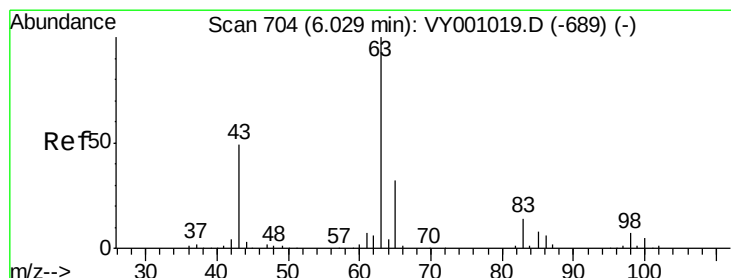
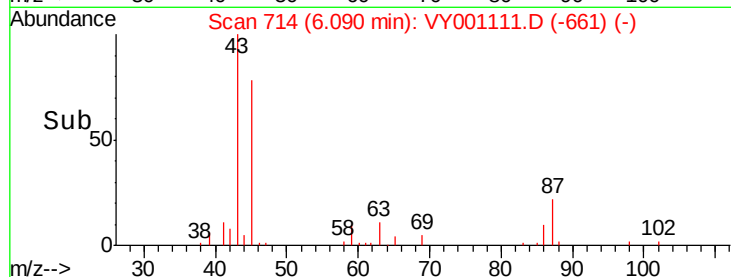
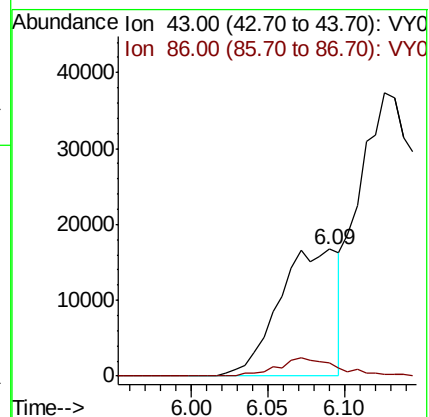
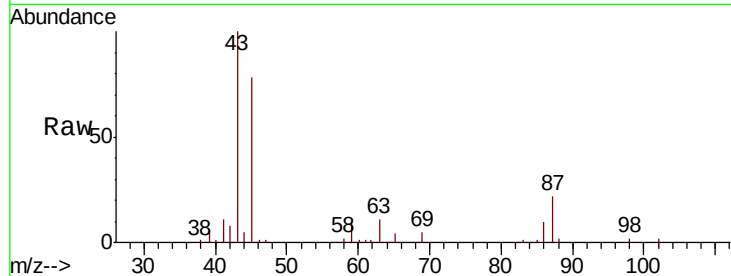
86 10.1 9.5 14.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.370 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

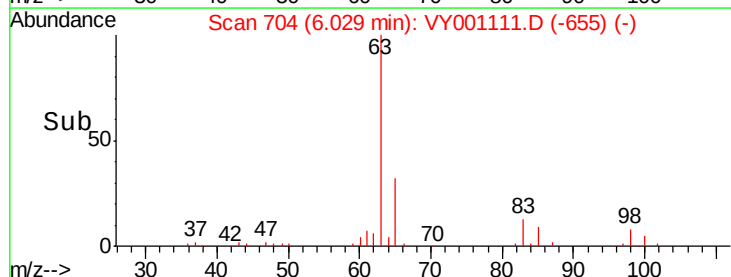
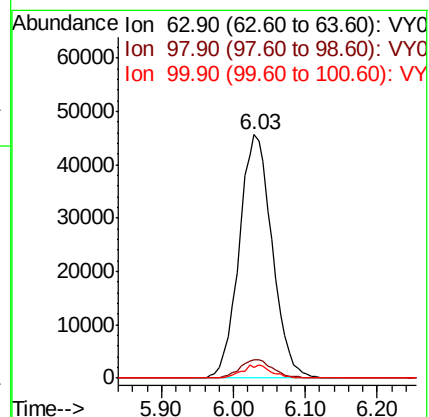
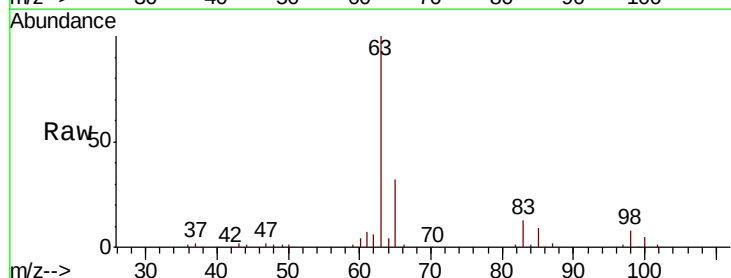
Tgt Ion: 63 Resp: 144785

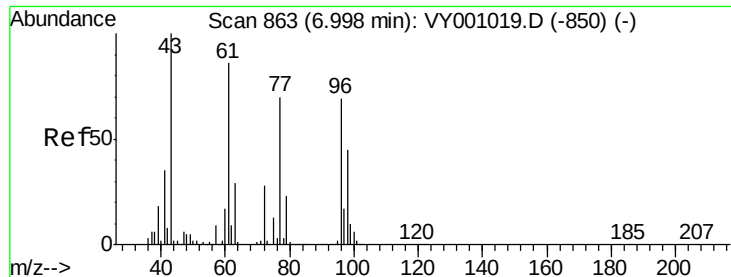
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 276.125 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 43 Resp: 151974

Ion Ratio Lower Upper

43 100

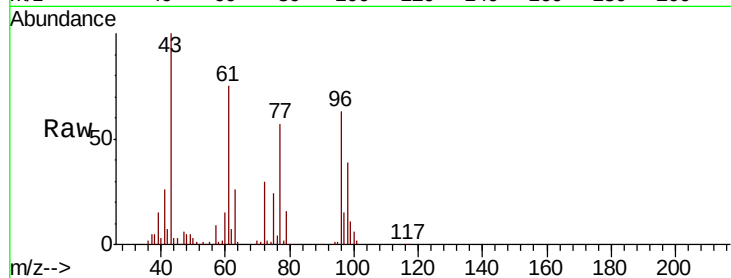
72 30.5 22.4 33.6

Manual Integrations

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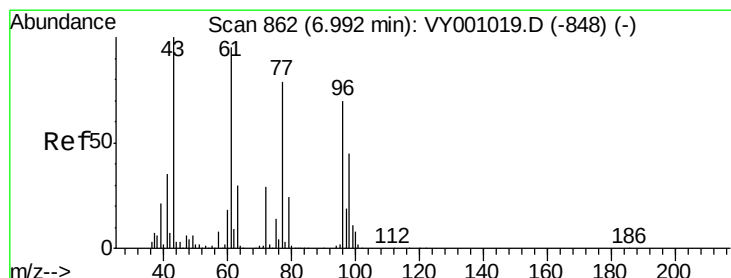
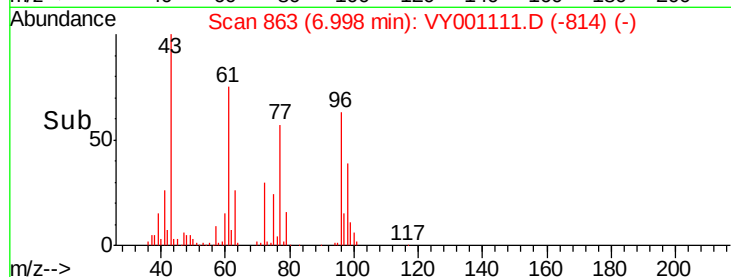
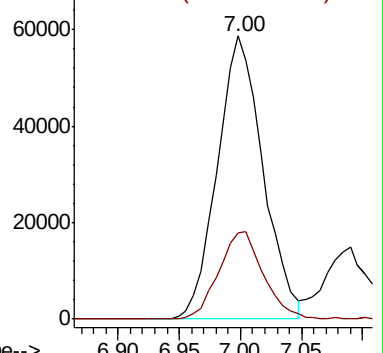
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 44.887 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001111.D

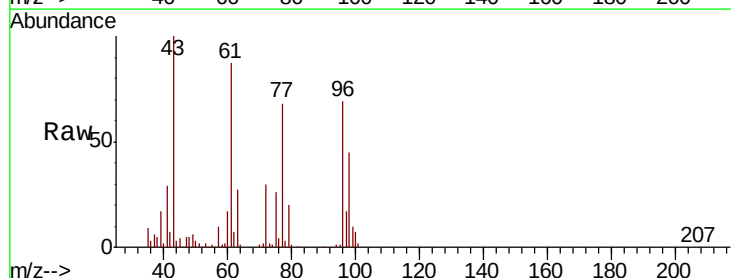
Acq: 27 Dec 2019 20:07

Tgt Ion: 77 Resp: 106004

Ion Ratio Lower Upper

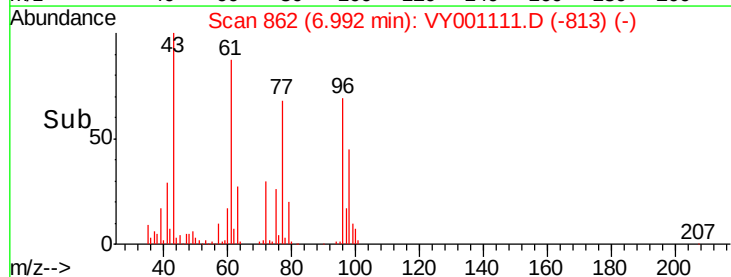
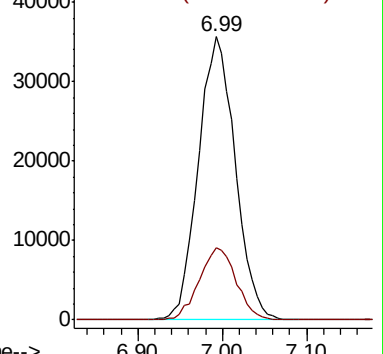
77 100

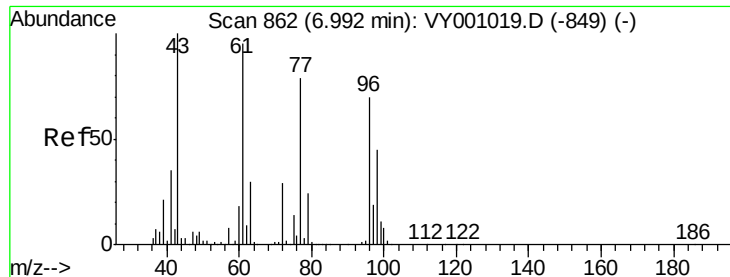
97 25.4 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

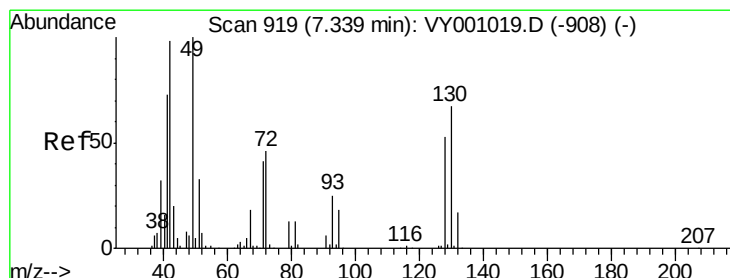
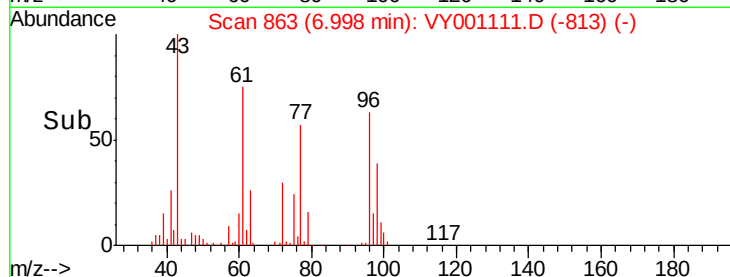
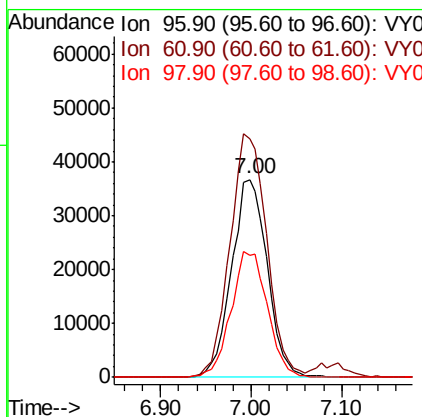
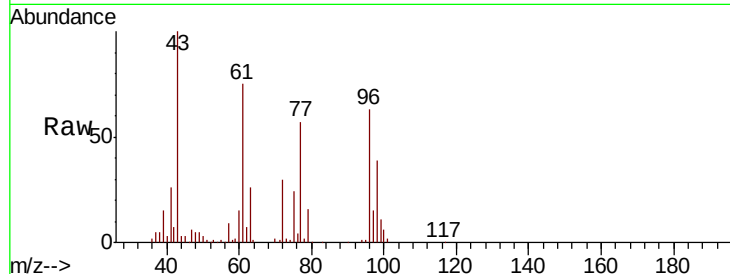
cis-1,2-Dichloroethene
Concen: 53.098 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100147		
61	126.9		0.0	268.2
98	64.7		0.0	129.2

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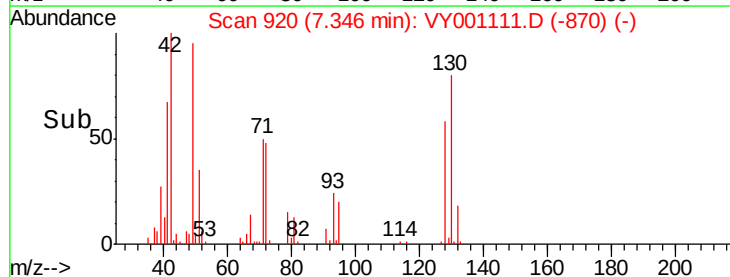
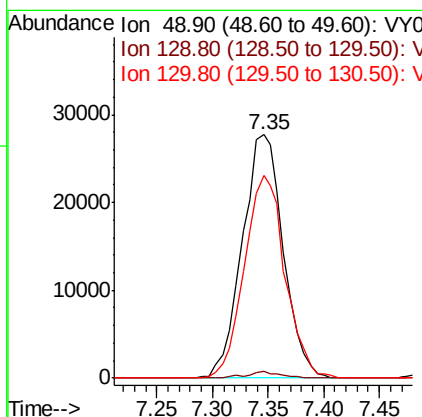
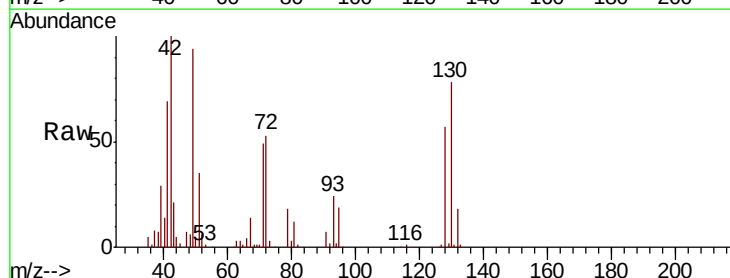
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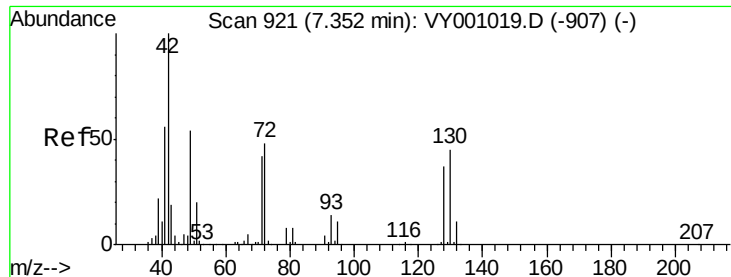


#28

Bromochloromethane
Concen: 63.155 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70830		
129	2.2		0.0	3.8
130	82.7		60.4	90.6





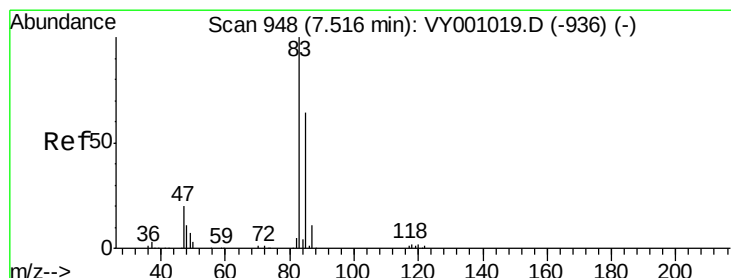
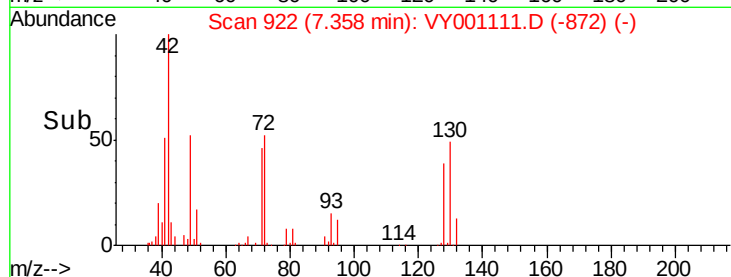
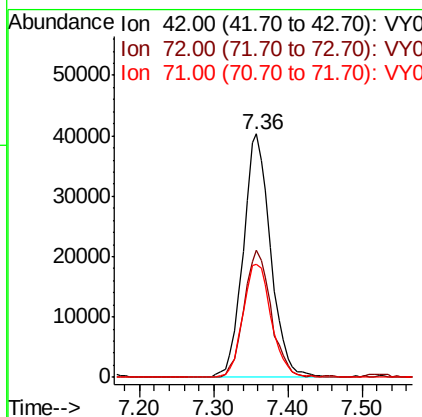
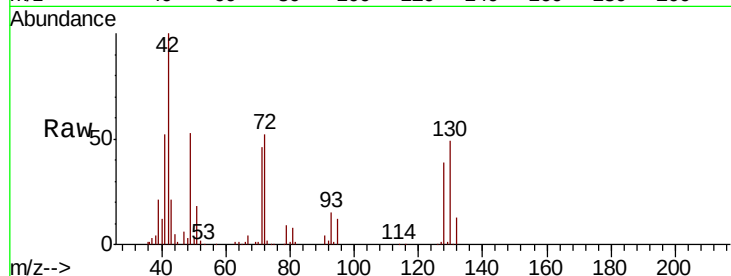
#29
Tetrahydrofuran
Concen: 265.773 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.7	37.7	56.5
71	48.1	34.6	51.8

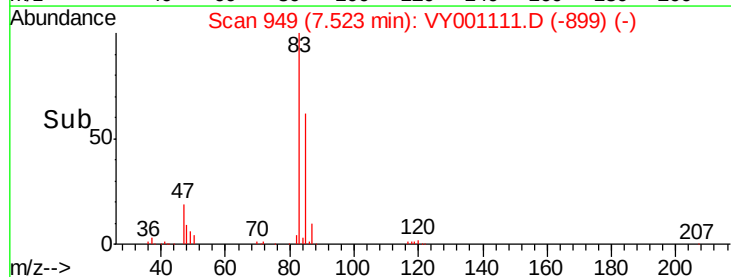
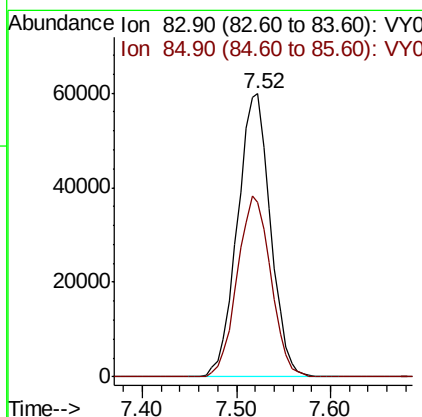
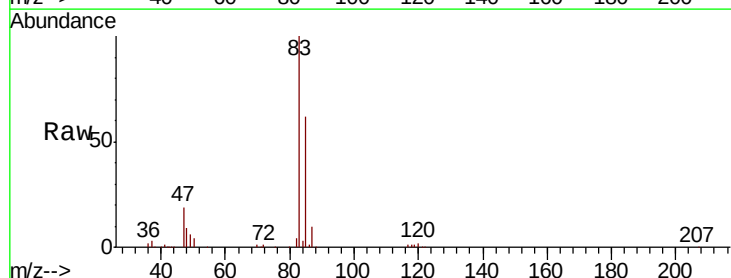
Manual Integrations
APPROVED

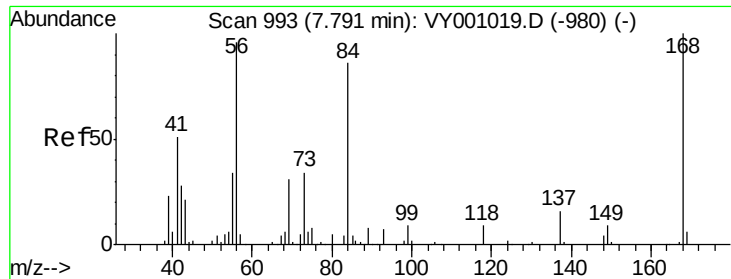
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#30
Chloroform
Concen: 53.953 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.6	77.4





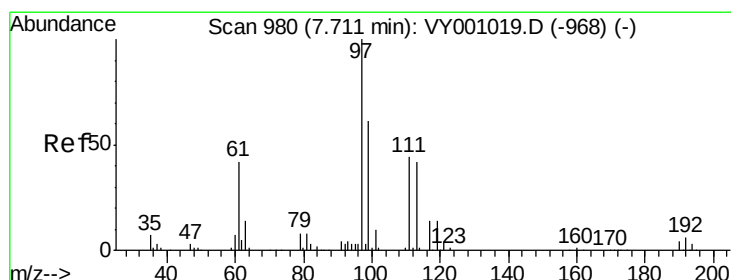
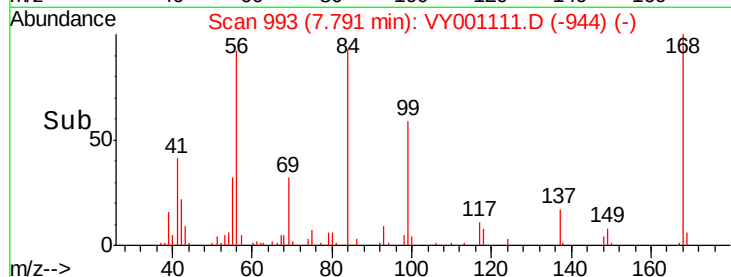
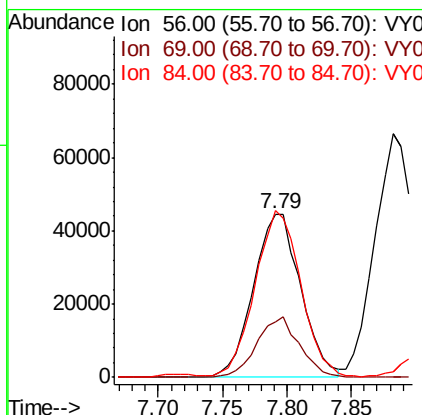
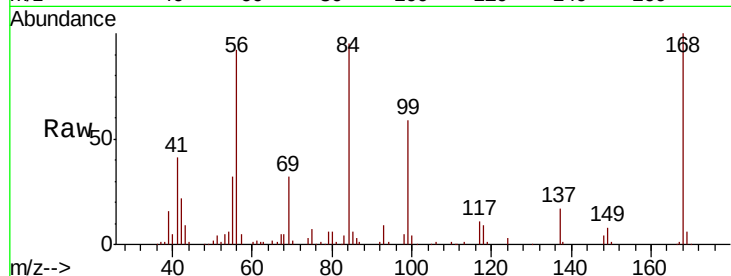
#31
Cyclohexane
Concen: 37.599 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.1	39.1
84	101.0	71.8	107.8

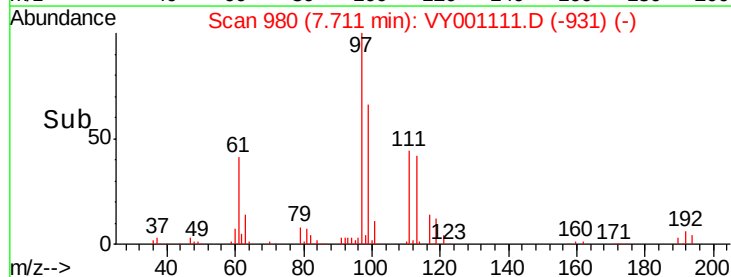
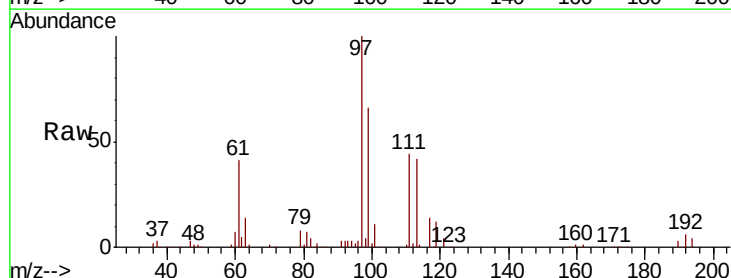
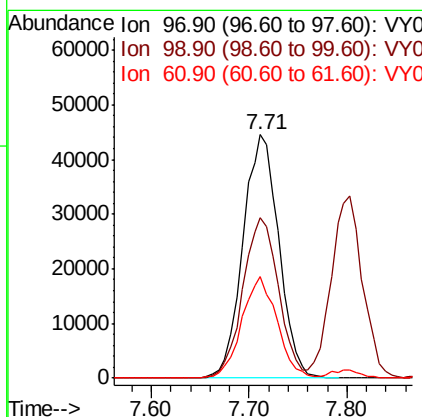
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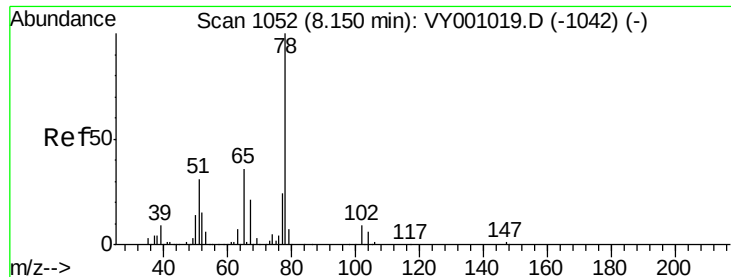
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#32
1,1,1-Trichloroethane
Concen: 48.869 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.6	76.0
61	40.9	33.0	49.6





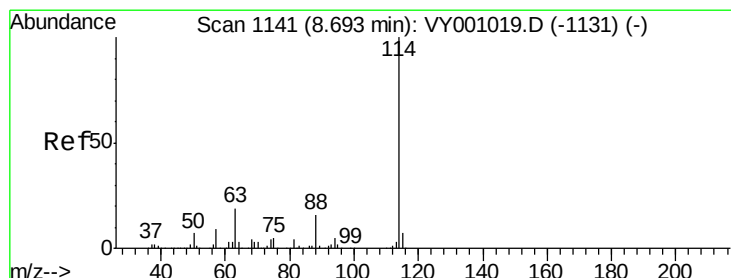
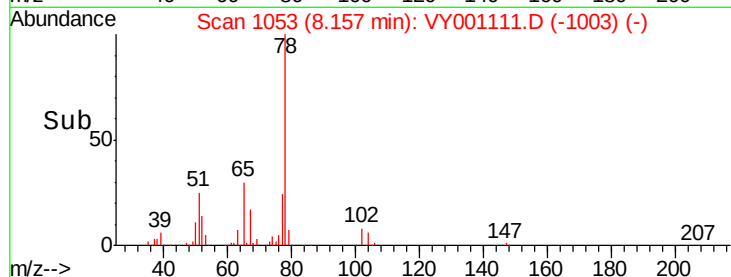
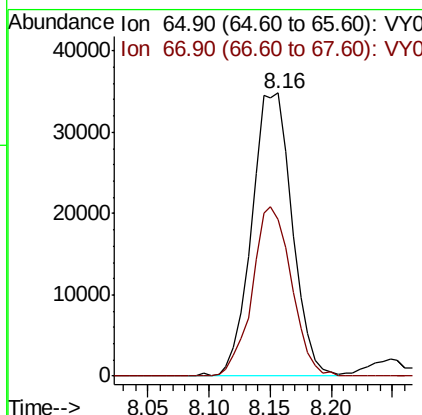
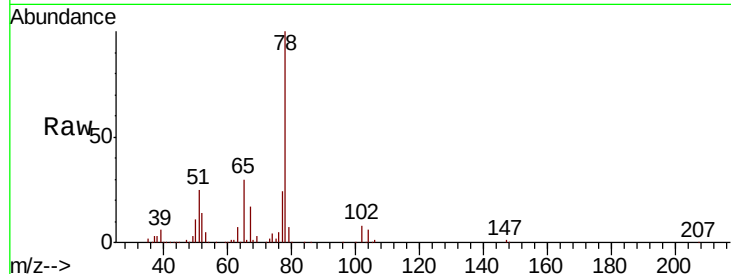
#33
 1,2-Dichloroethane-d4
 Concen: 59.071 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	57.9	0.0	112.8

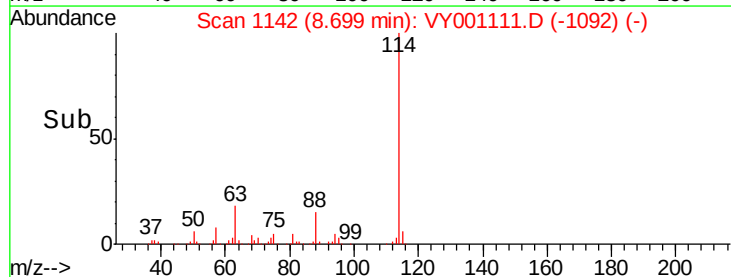
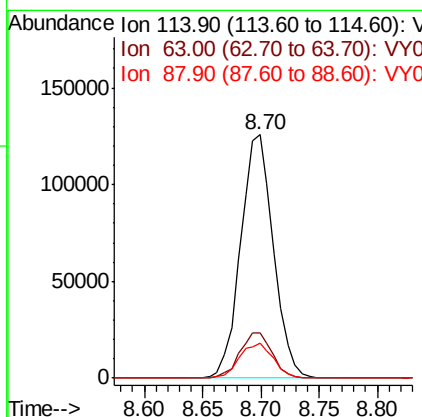
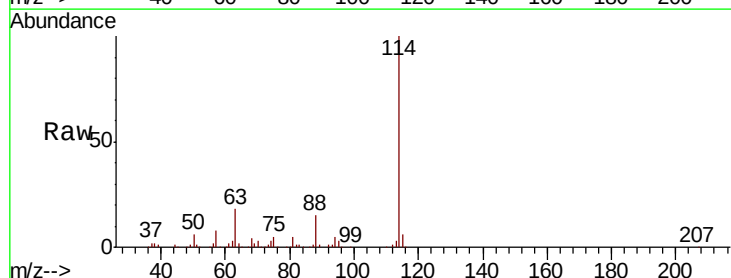
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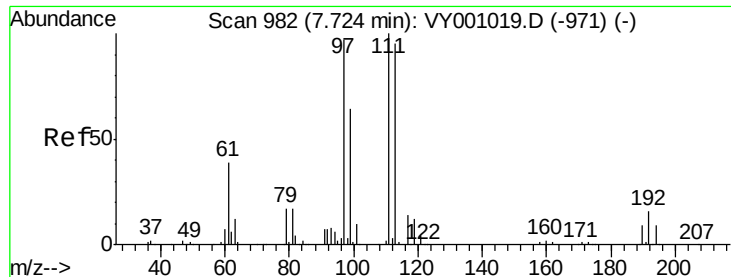
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.0
88	14.6	0.0	32.0





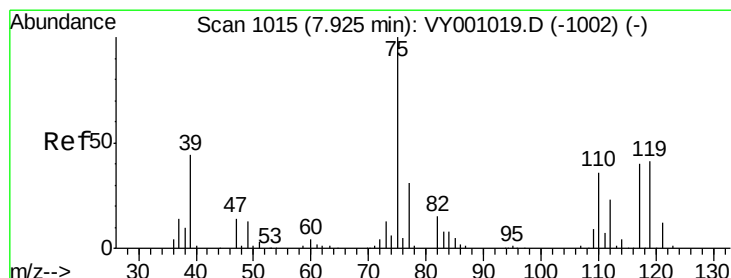
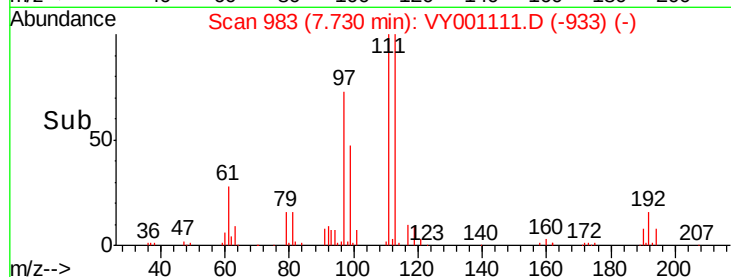
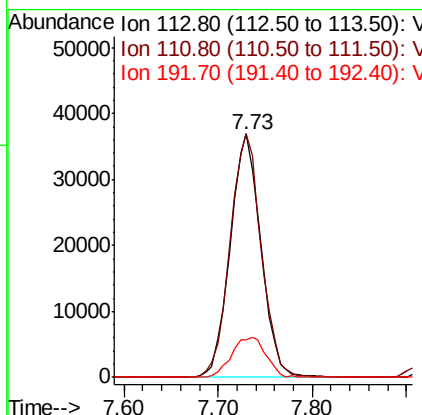
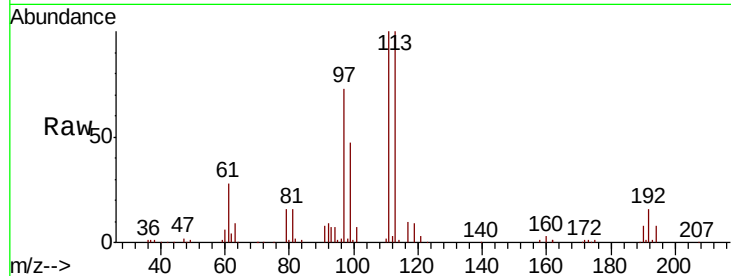
#35
 Dibromofluoromethane
 Concen: 57.237 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	83105		
111	101.5	83.0	124.4	
192	18.4	14.6	21.8	

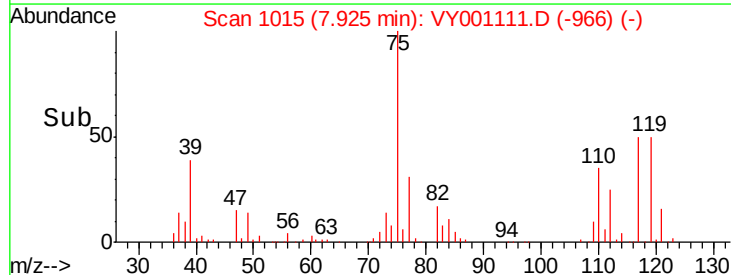
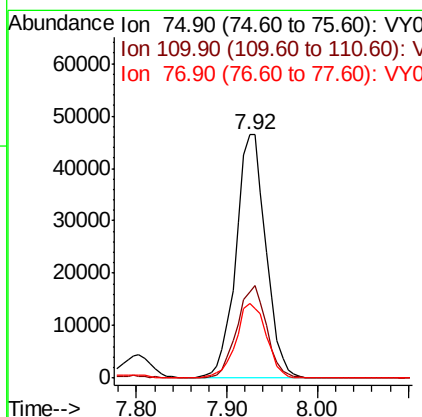
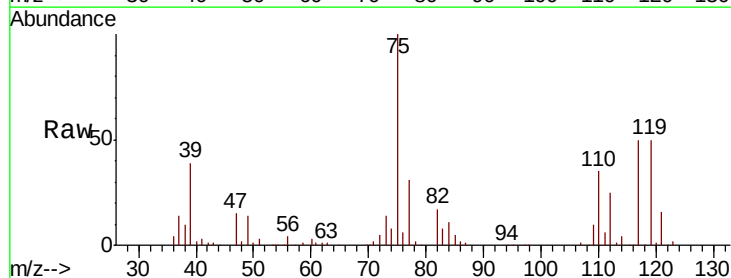
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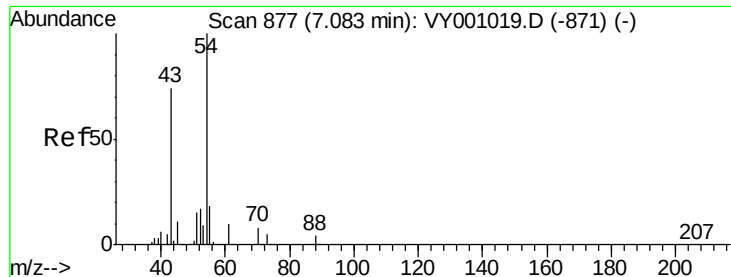
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#36
 1,1-Dichloropropene
 Concen: 45.309 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106579		
110	37.3	18.1	54.4	
77	31.3	24.6	37.0	





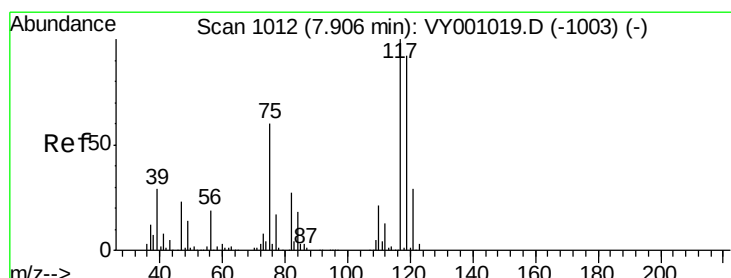
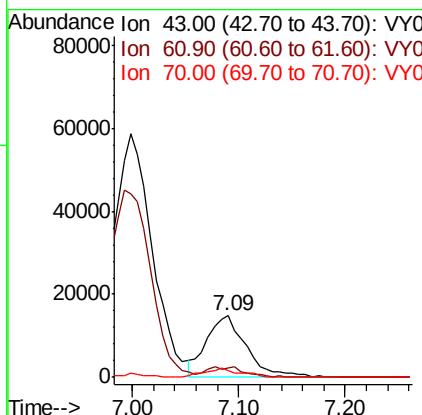
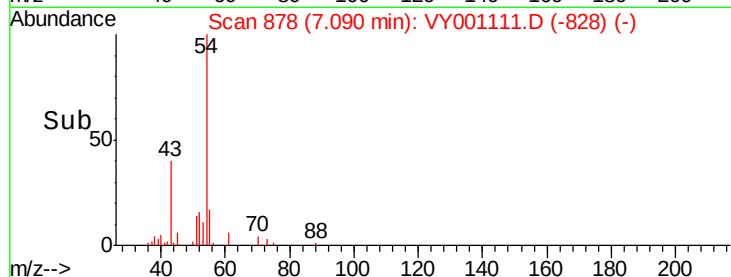
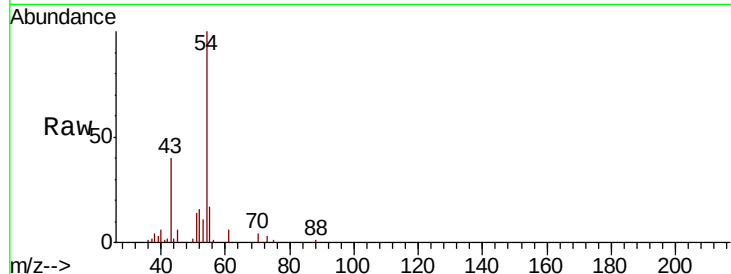
#37
Ethyl Acetate
Concen: 29.246 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.5	18.7#
70	13.2	9.0	13.4

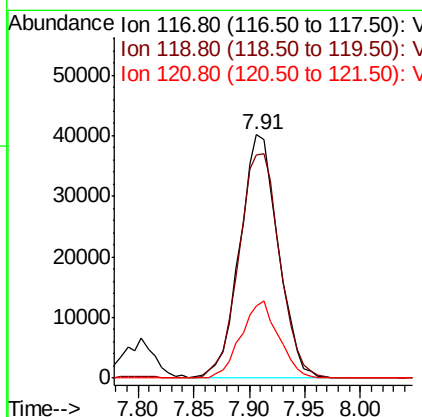
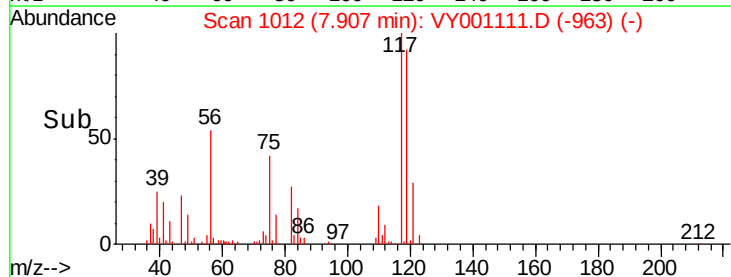
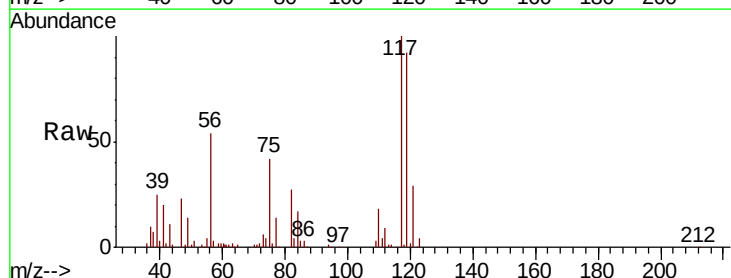
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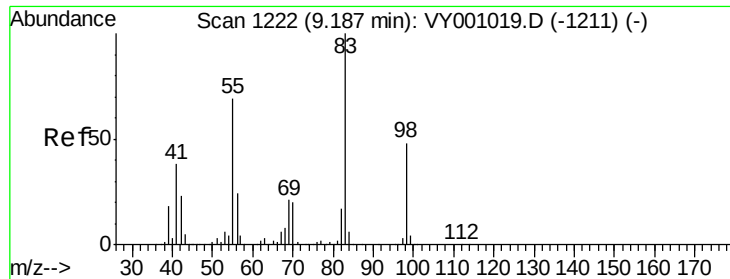
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#38
Carbon Tetrachloride
Concen: 46.917 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	74.2	111.2
121	29.4	22.9	34.3





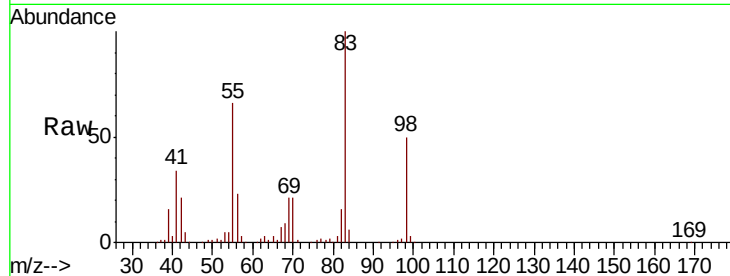
#39
Methylvlcyclohexane
Concen: 37.676 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	66.2	55.1	82.7	
98	50.3	38.3	57.5	

Manual Integrations
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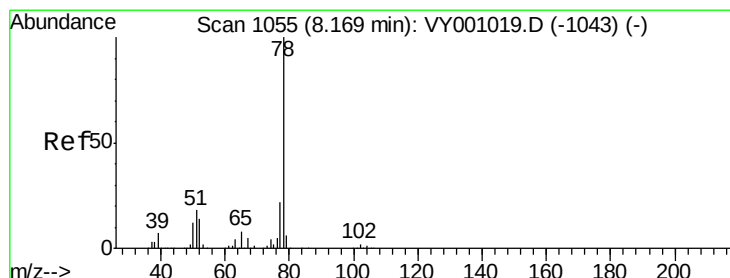
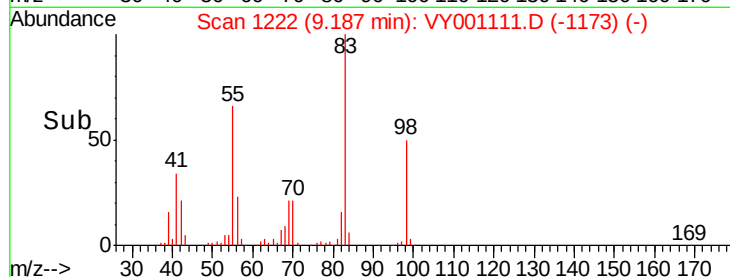
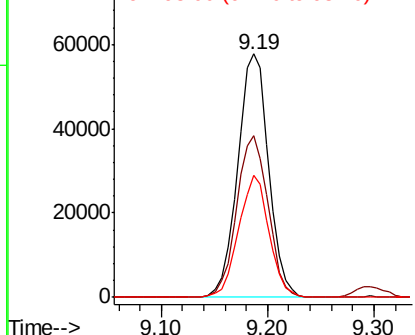


Abundance

Ion 83.00 (82.70 to 83.70): VY0

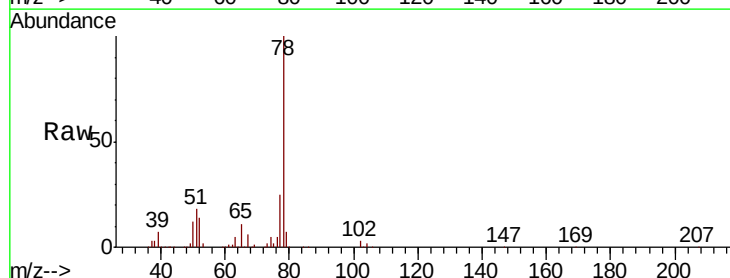
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 50.654 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

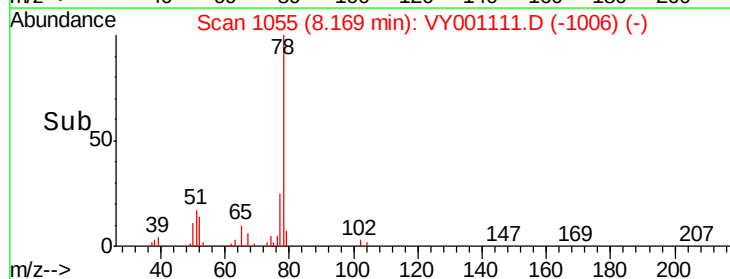
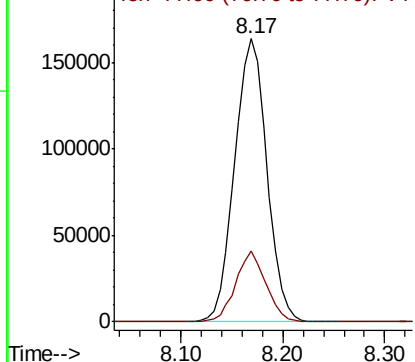
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.1	17.7	26.5	

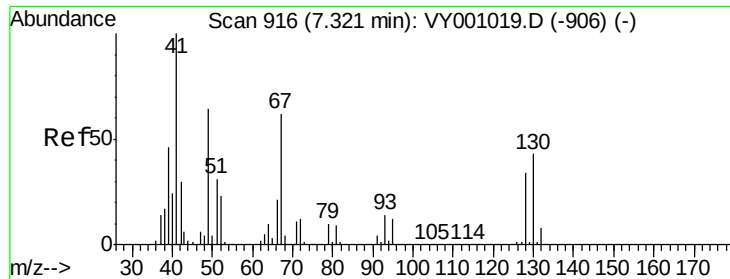


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





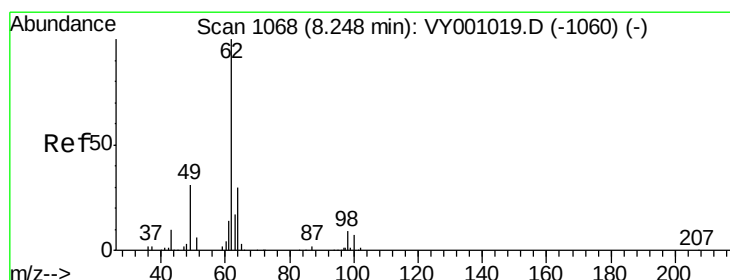
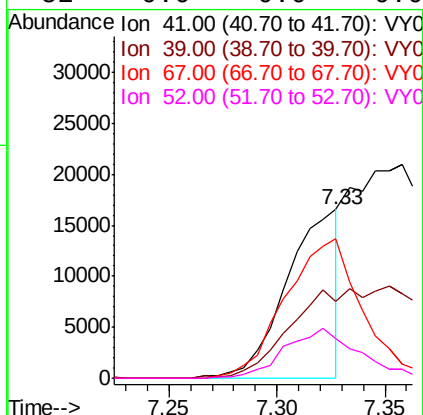
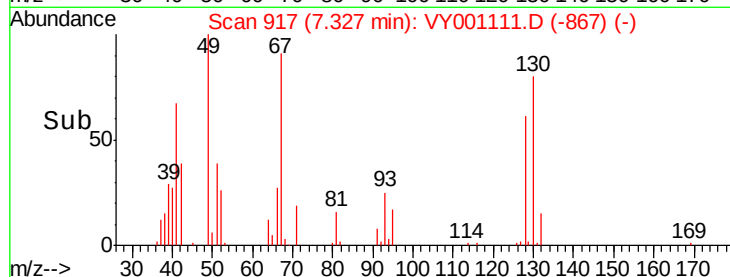
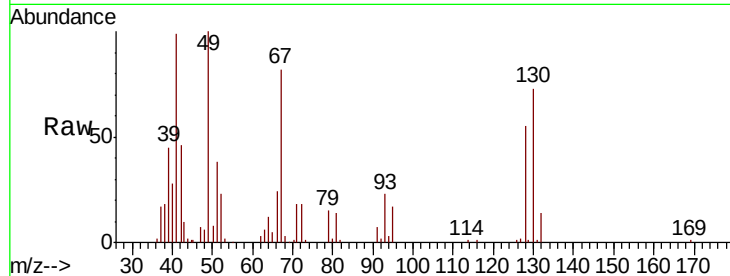
#41
Methacrylonitrile
Concen: 50.281 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	41	Resp	28393
Ion Ratio	Lower	Upper	
41	100		
39	136.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

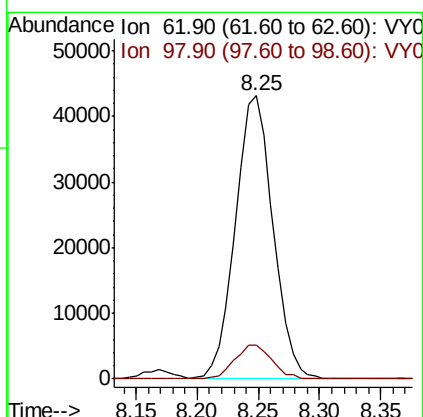
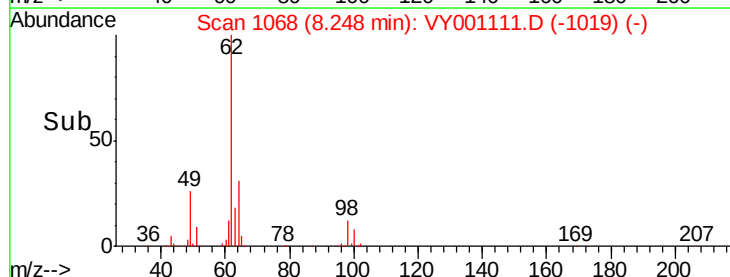
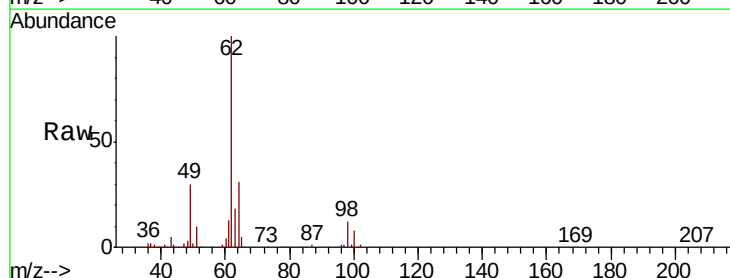
Manual Integrations
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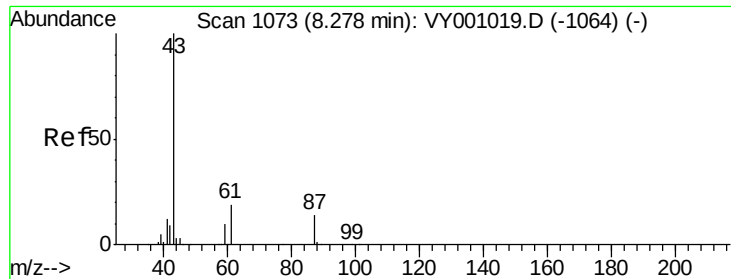
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#42
1,2-Dichloroethane
Concen: 54.222 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	62	Resp	91995
Ion Ratio	Lower	Upper	
62	100		
98	11.9	0.0	23.4





#43

Isopropyl Acetate

Concen: 37.515 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

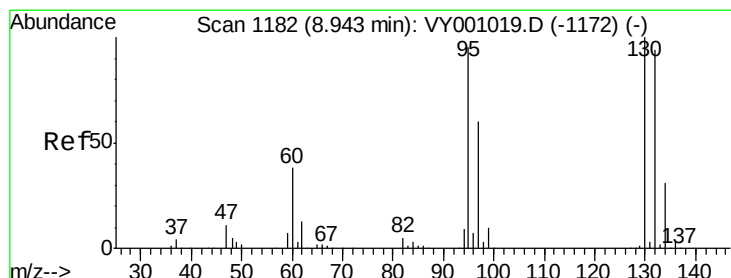
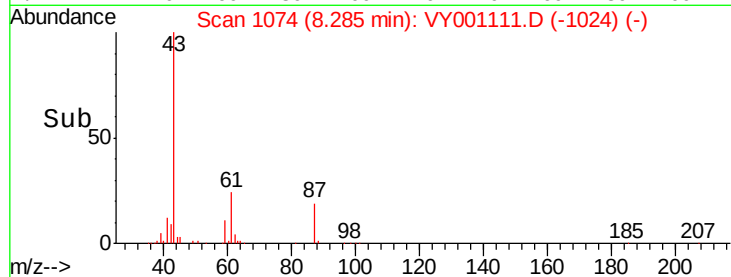
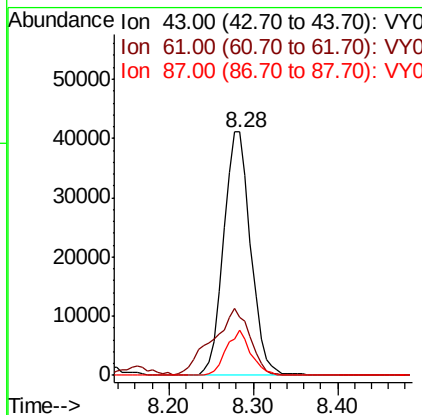
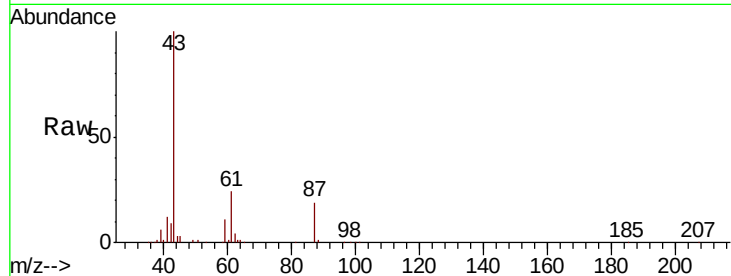
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	43	Resp:	90453
Ion	Ratio	Lower	Upper
43	100		
61	38.3	25.0	37.6#
87	16.7	12.0	18.0

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#44

Trichloroethene

Concen: 49.935 ug/l

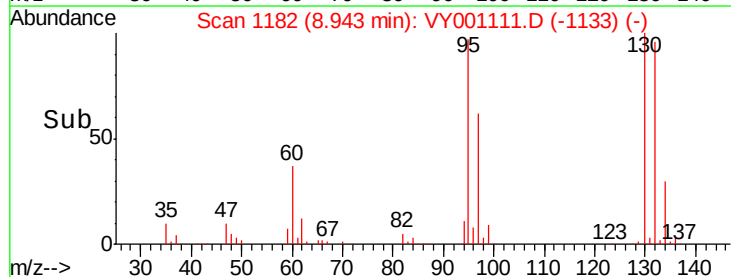
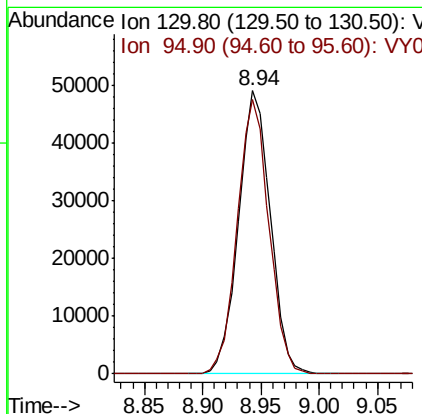
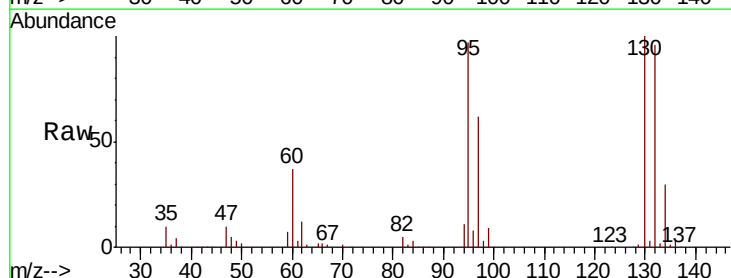
RT: 8.94 min Scan# 1182

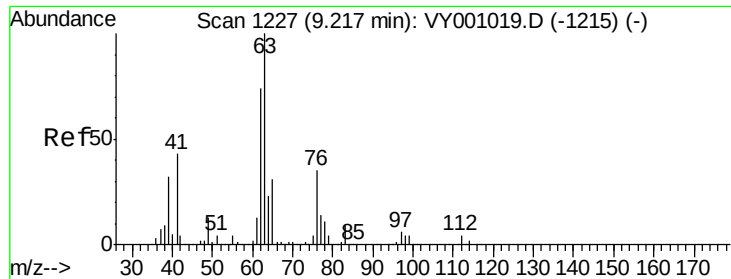
Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion:	130	Resp:	93368
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	190.6





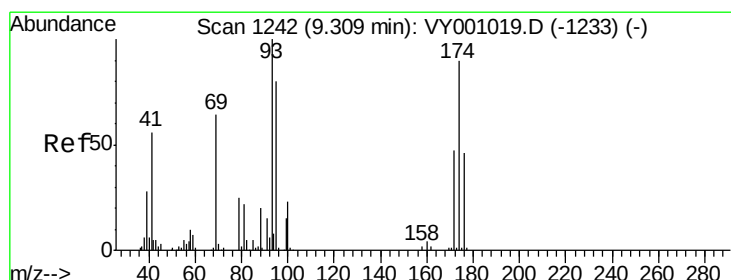
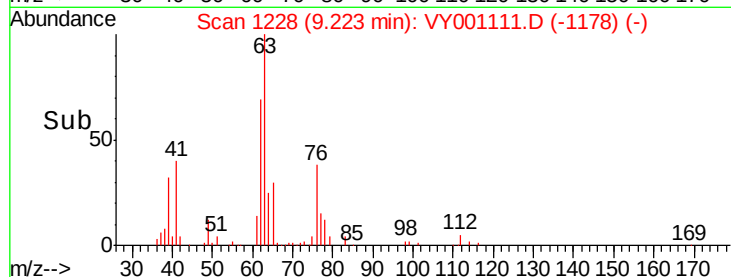
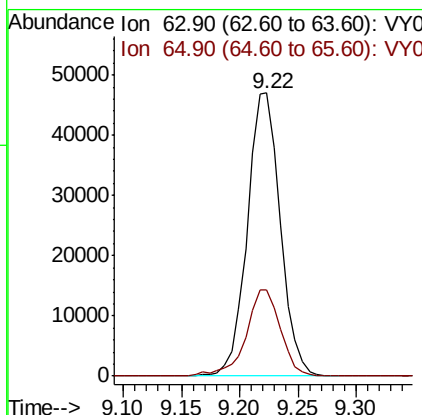
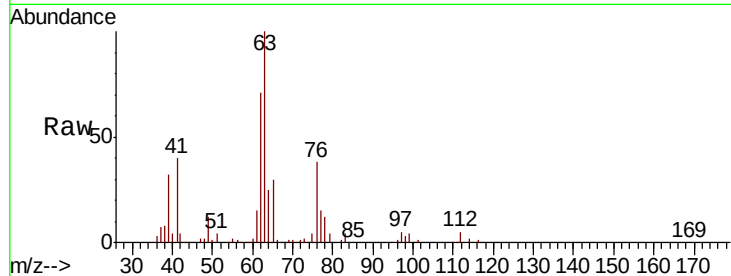
#45
 1,2-Dichloropropane
 Concen: 52.177 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion: 63 Resp: 92889
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.1 37.7

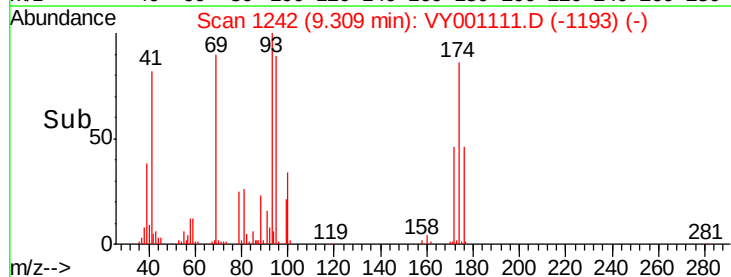
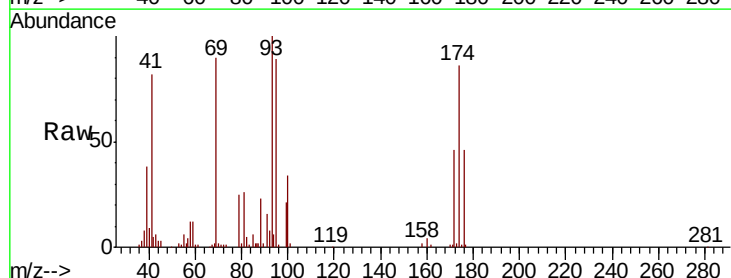
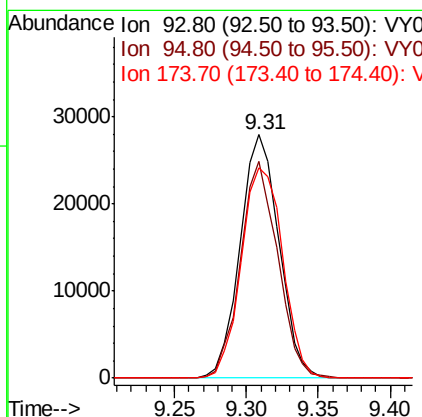
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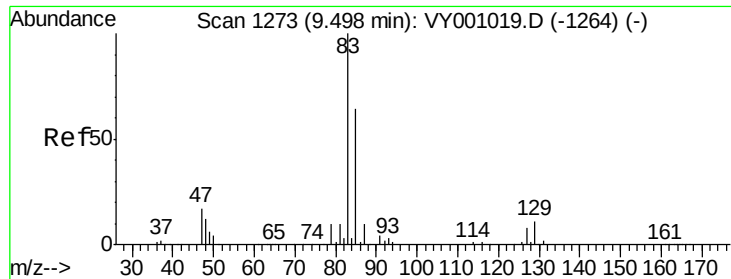
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#46
 Dibromomethane
 Concen: 56.838 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion: 93 Resp: 52161
 Ion Ratio Lower Upper
 93 100
 95 85.7 66.7 100.1
 174 92.4 73.6 110.4





#47

Bromodichloromethane

Concen: 54.099 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 83 Resp: 115000

Ion Ratio Lower Upper

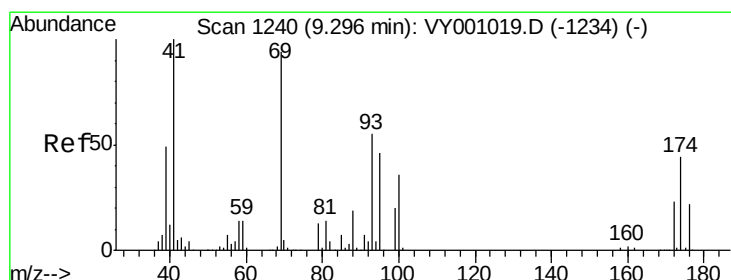
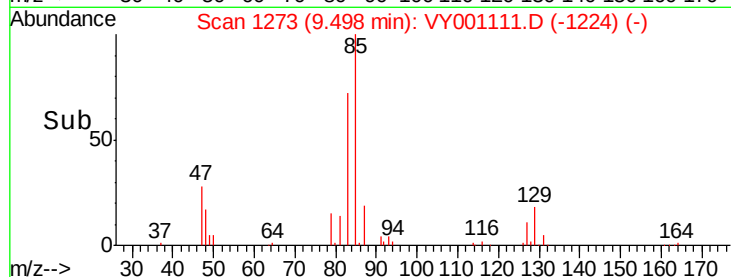
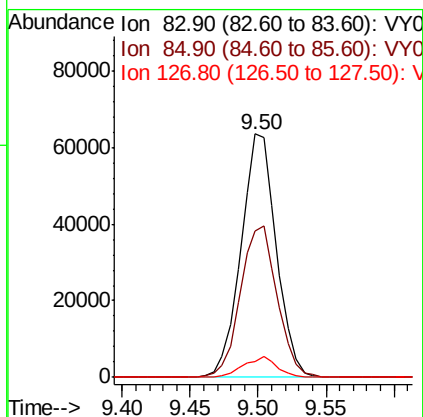
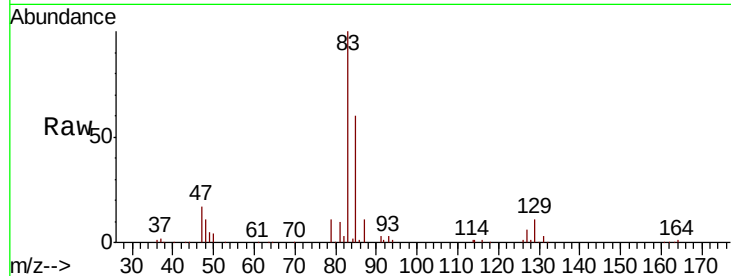
83 100

85 60.0 50.9 76.3

127 6.4 6.4 9.6#

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#48

Methyl methacrylate

Concen: 68.498 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

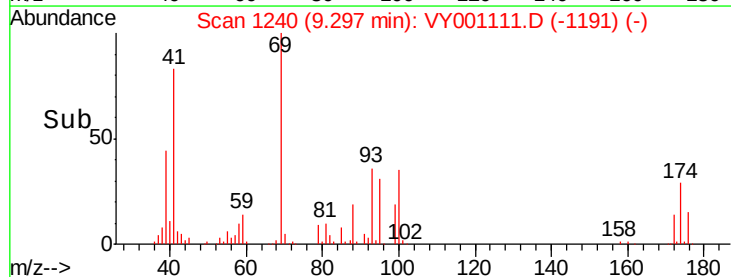
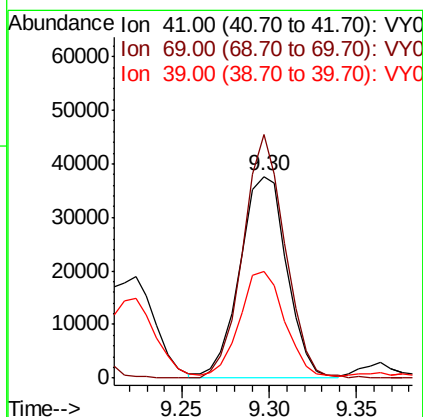
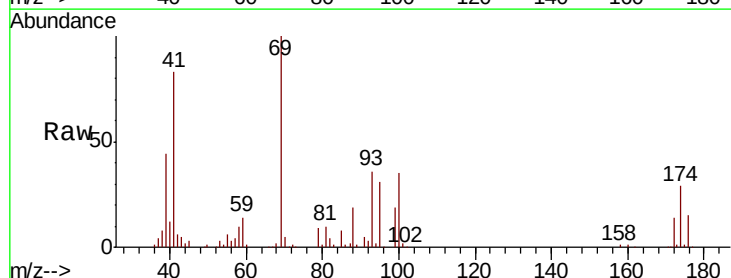
Tgt Ion: 41 Resp: 70478

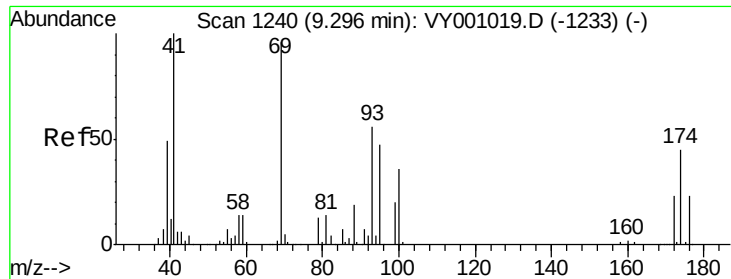
Ion Ratio Lower Upper

41 100

69 107.9 79.8 119.6

39 51.1 41.7 62.5





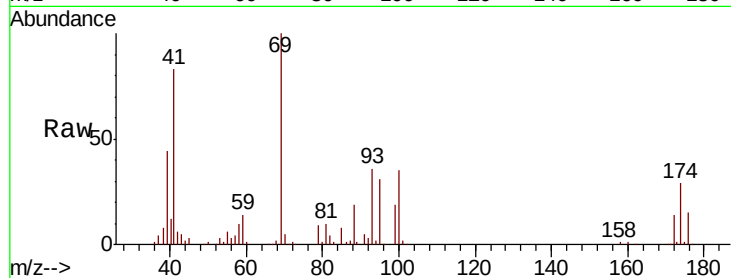
#49
1,4-Dioxane
Concen: 1327.198 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.0	34.4
58	56.6	54.9	82.3

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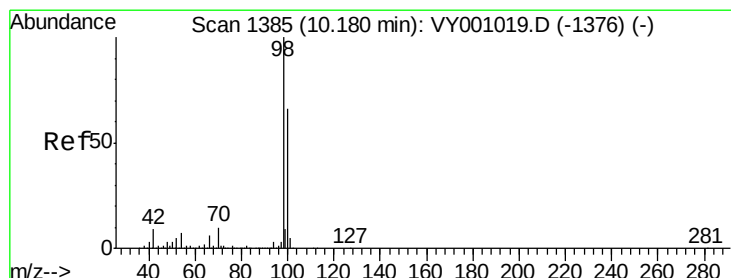
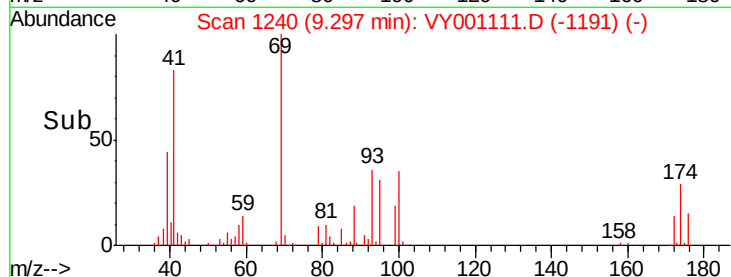
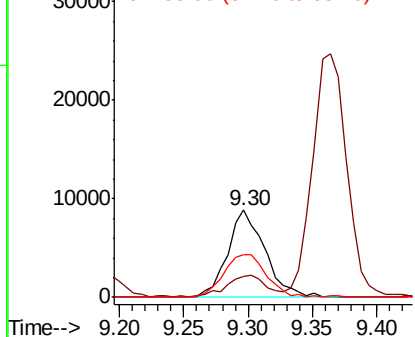


Abundance

Ion 88.00 (87.70 to 88.70): VY0

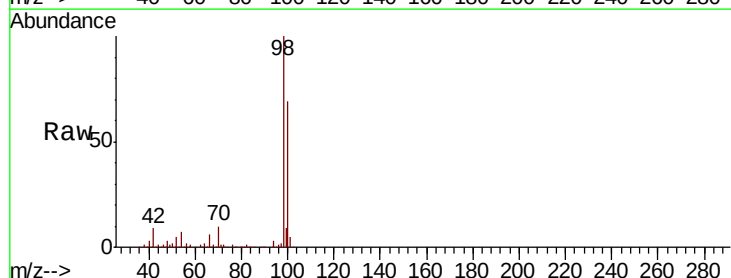
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 56.854 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

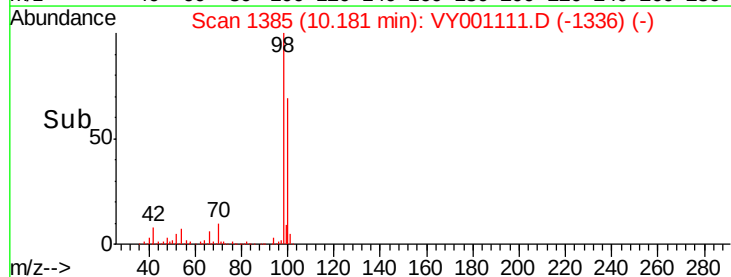
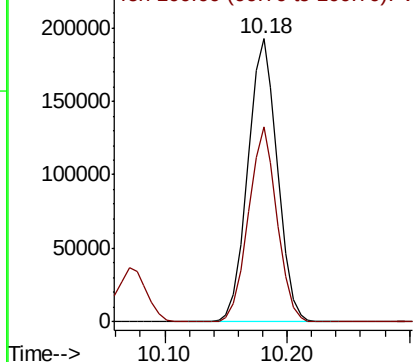
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

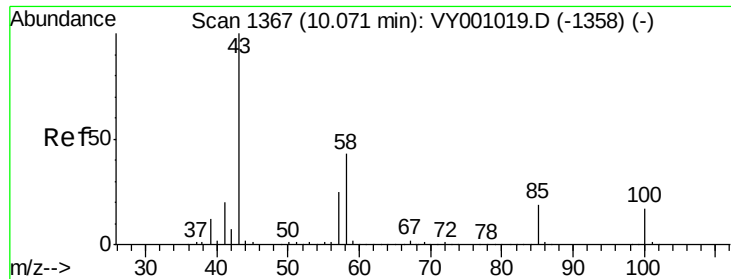


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





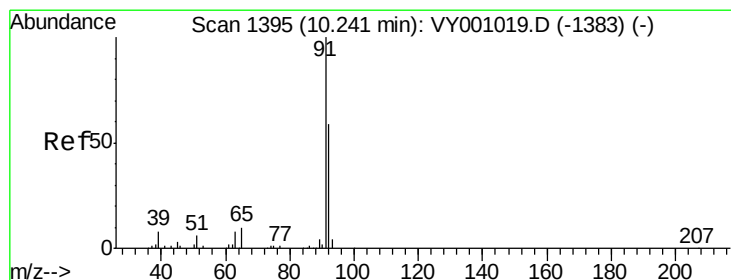
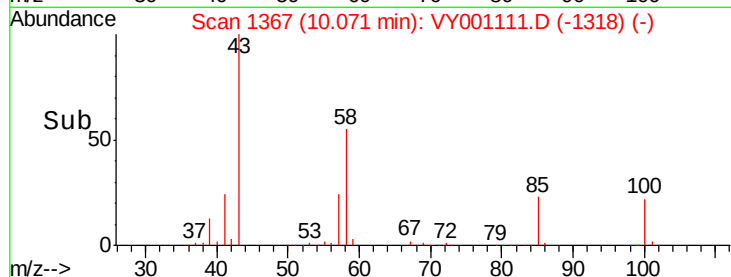
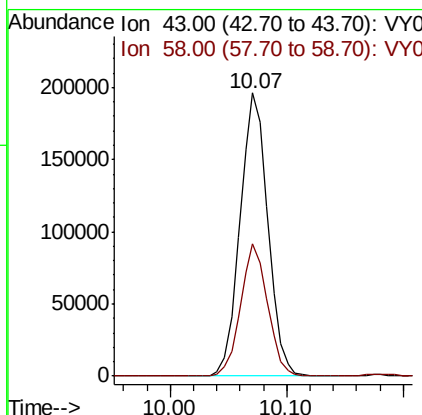
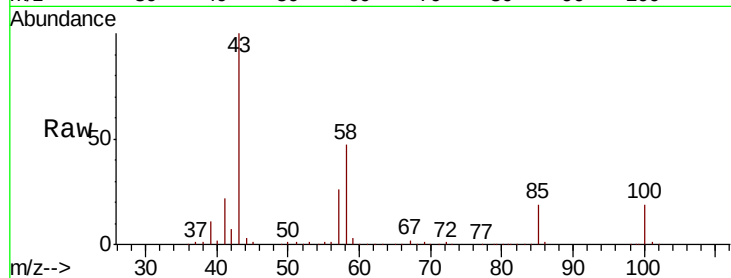
#51
4-Methyl-2-Pentanone
Concen: 260.305 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	45.3		34.6	52.0	

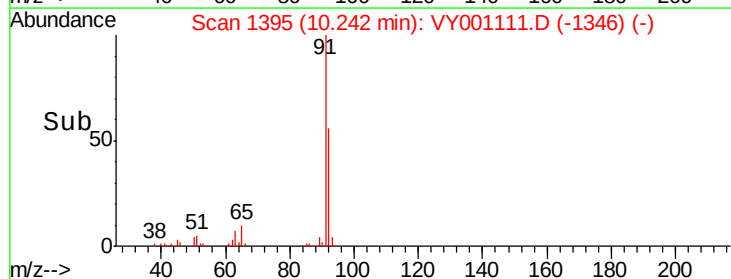
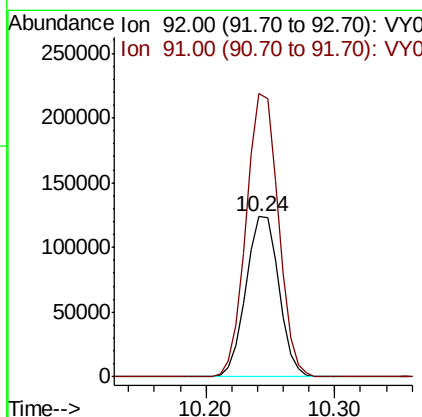
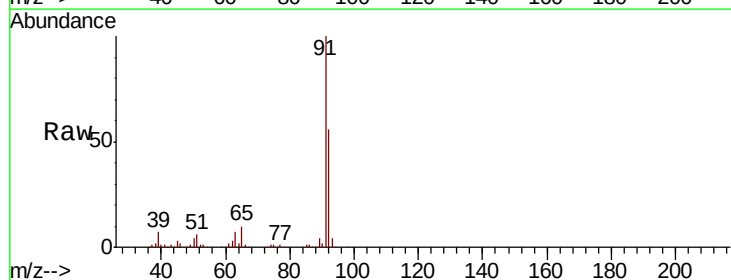
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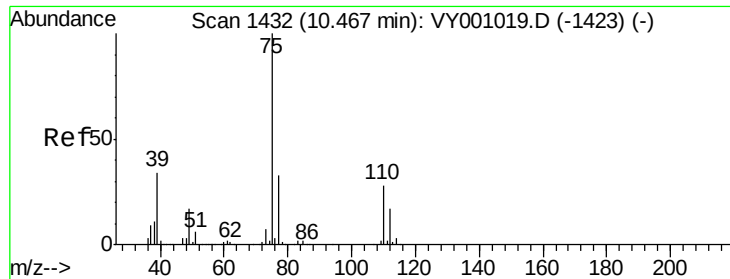
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#52
Toluene
Concen: 50.015 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	172.8		135.7	203.5	





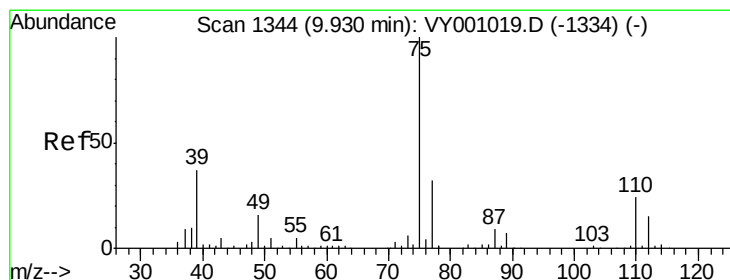
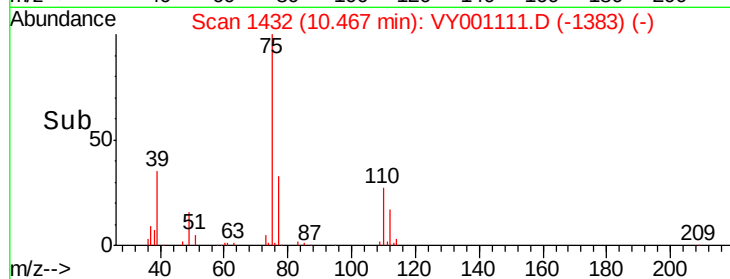
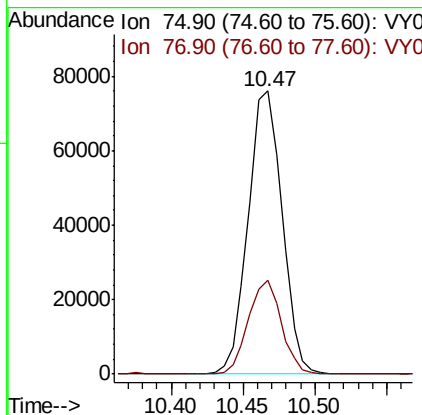
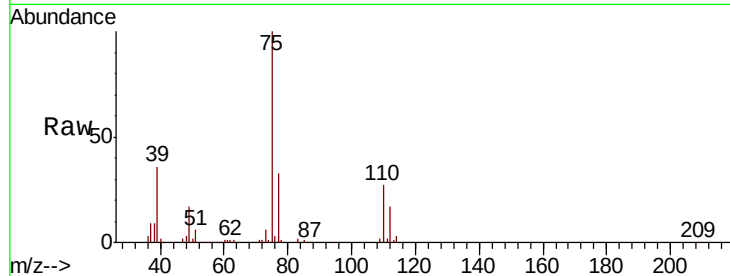
#53
t-1,3-Dichloropropene
Concen: 53.730 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

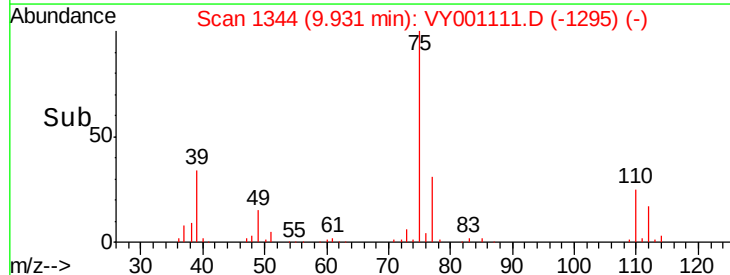
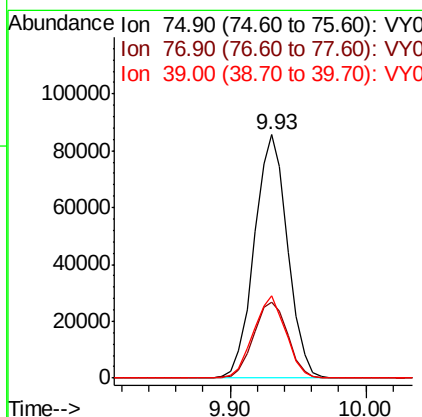
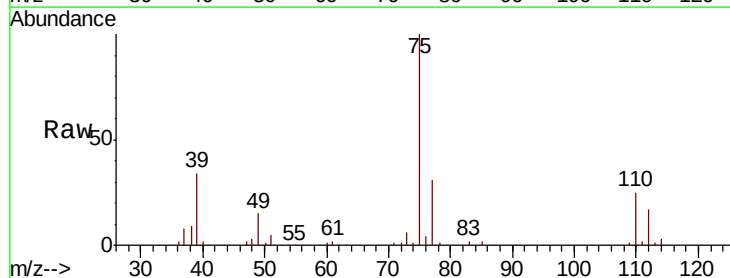
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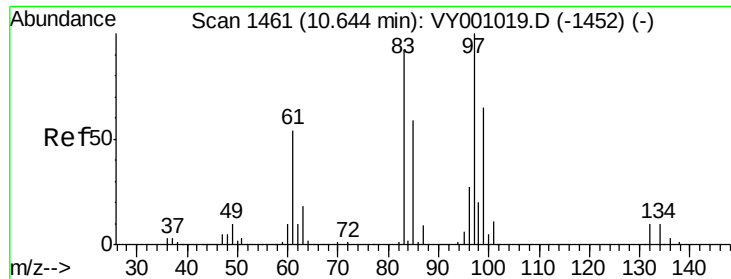
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#54
cis-1,3-Dichloropropene
Concen: 52.841 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	33.7	29.5	44.3





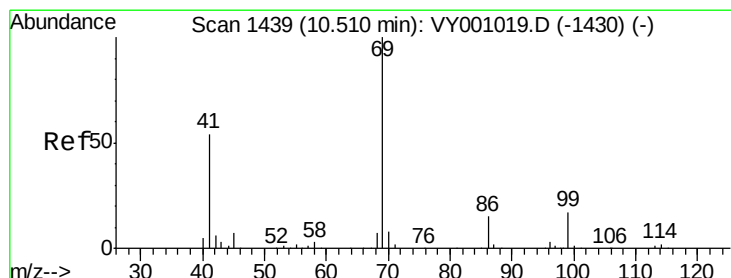
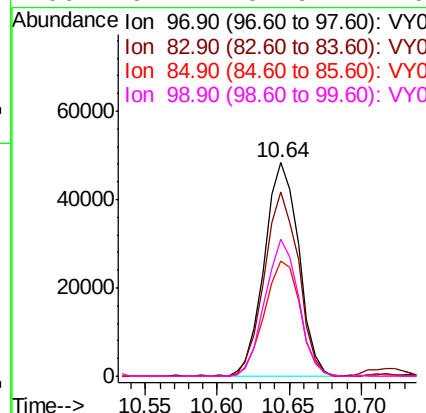
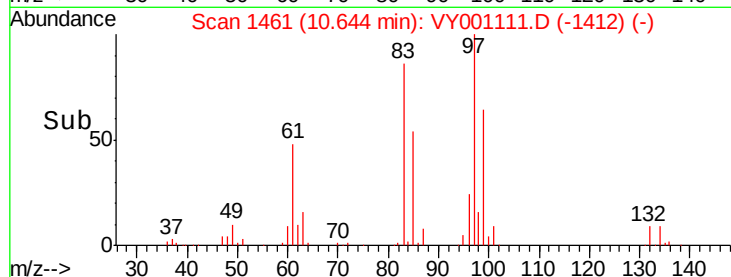
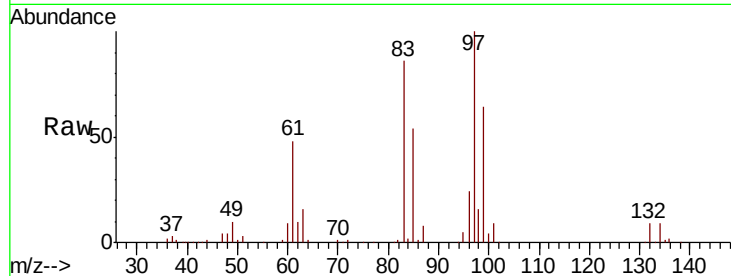
#55
 1,1,2-Trichloroethane
 Concen: 58.172 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion:	97	Resp:	79697
Ion	Ratio	Lower	Upper
97	100		
83	86.2	73.7	110.5
85	54.3	47.3	70.9
99	64.2	51.9	77.9

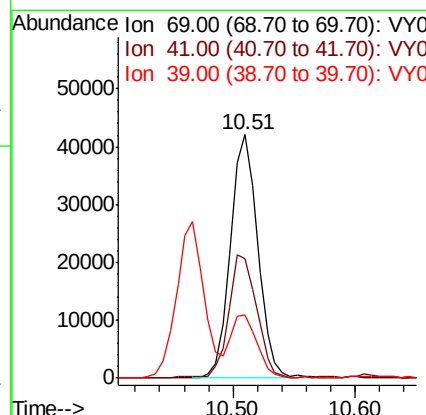
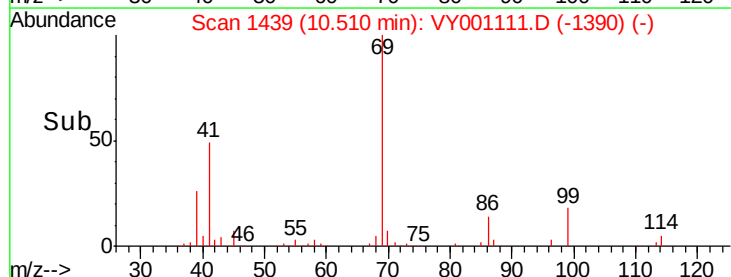
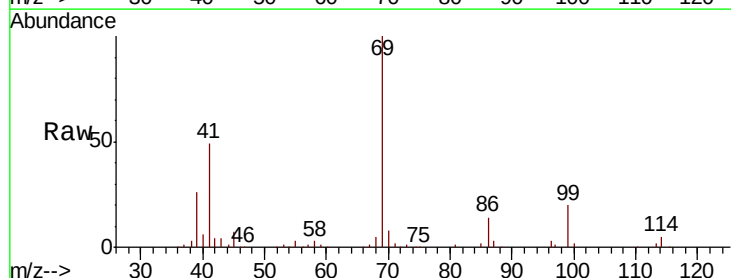
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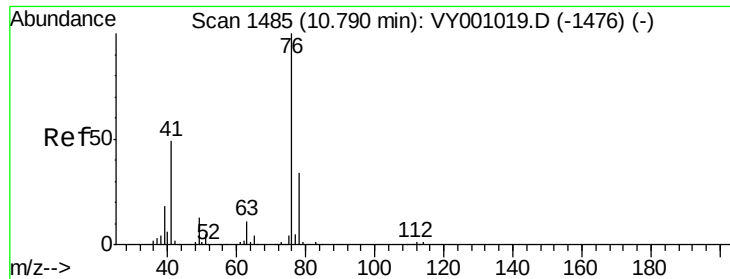
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#56
 Ethyl methacrylate
 Concen: 33.347 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion:	69	Resp:	65023
Ion	Ratio	Lower	Upper
69	100		
41	50.5	44.7	67.1
39	25.1	22.2	33.4





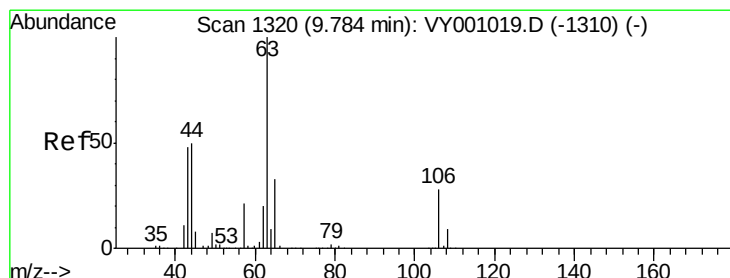
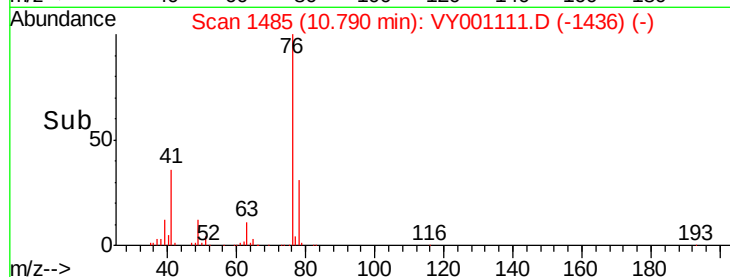
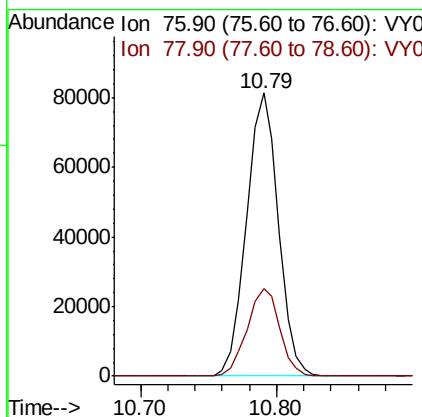
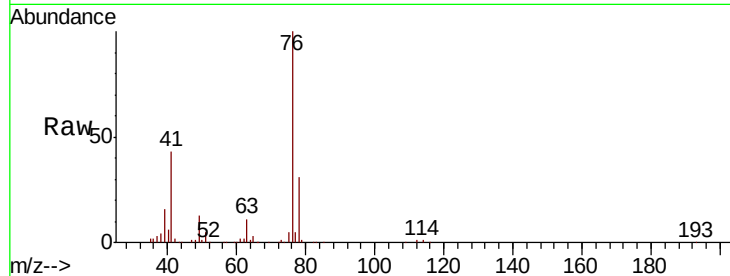
#57
 1,3-Dichloropropane
 Concen: 55.455 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

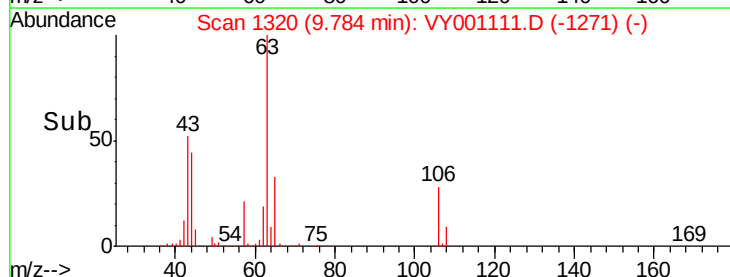
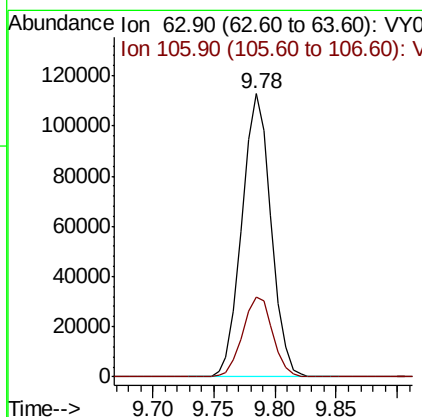
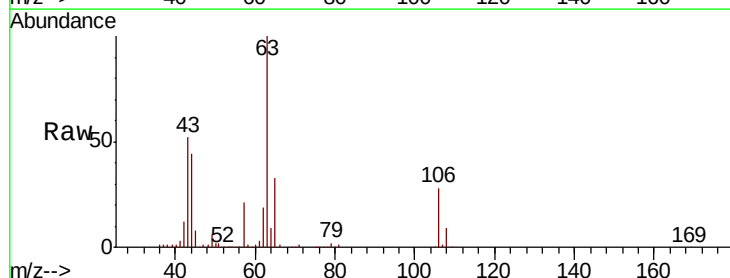
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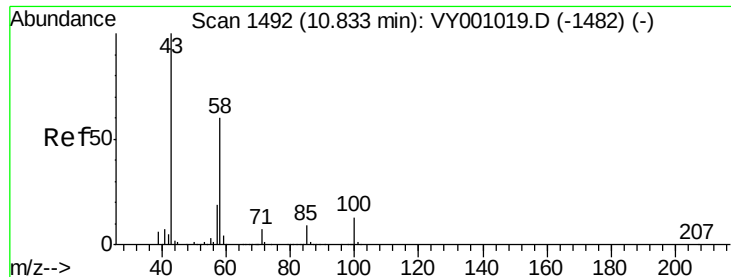
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.785 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.7	34.1





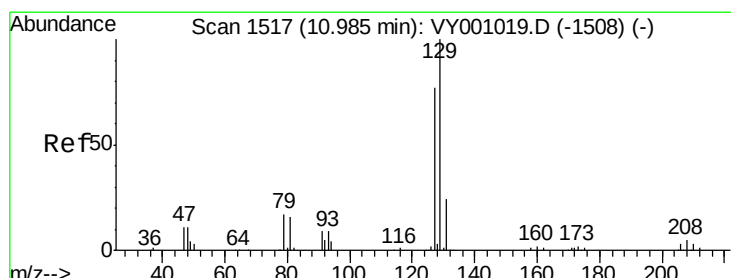
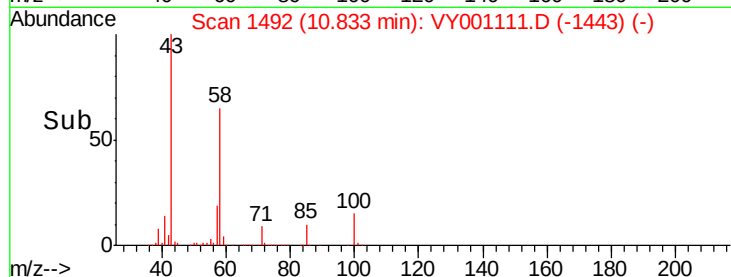
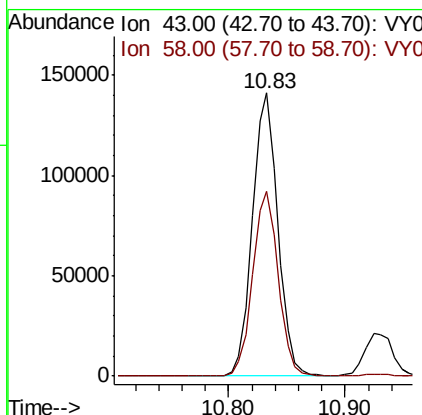
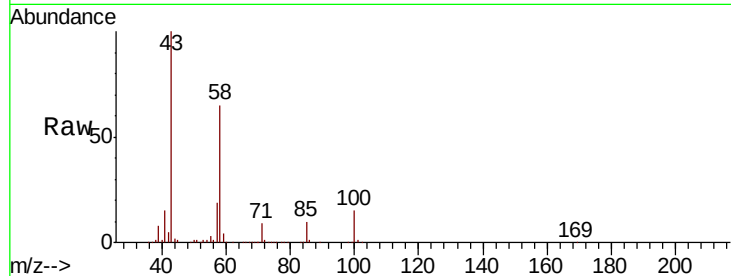
#59
2-Hexanone
Concen: 247.739 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion: 43 Resp: 215424
Ion Ratio Lower Upper
43 100
58 65.7 30.6 91.6

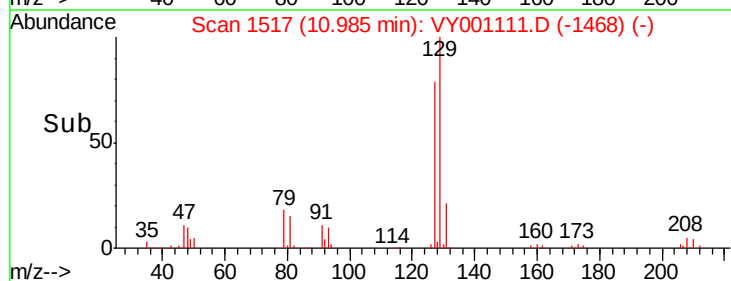
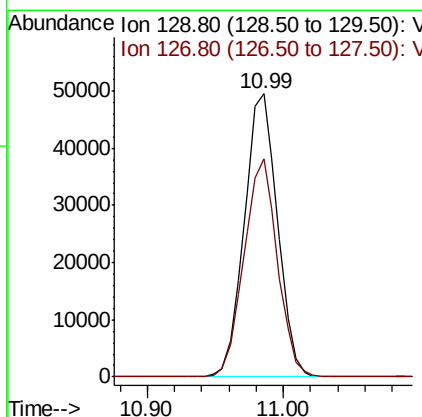
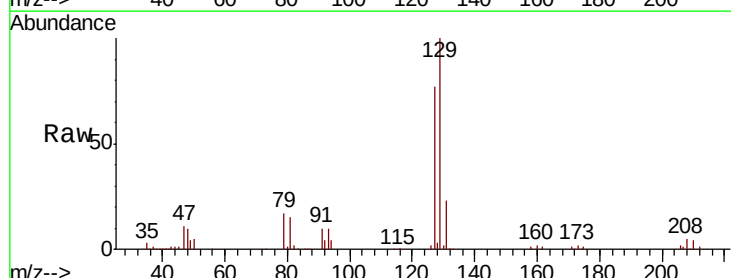
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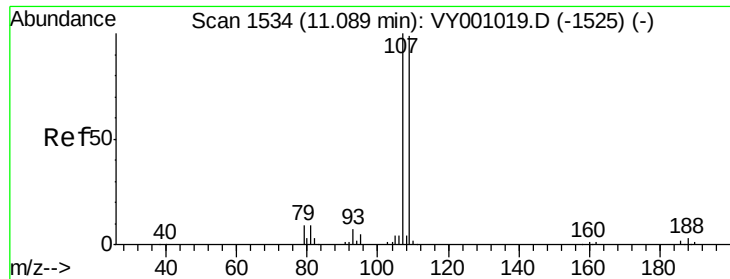
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#60
Dibromochloromethane
Concen: 57.800 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion: 129 Resp: 84586
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





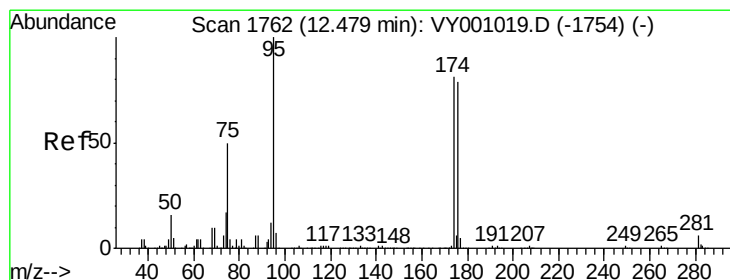
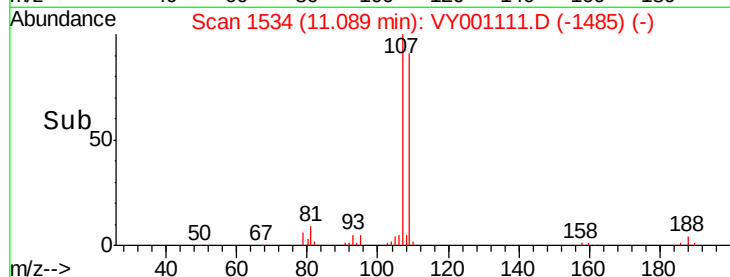
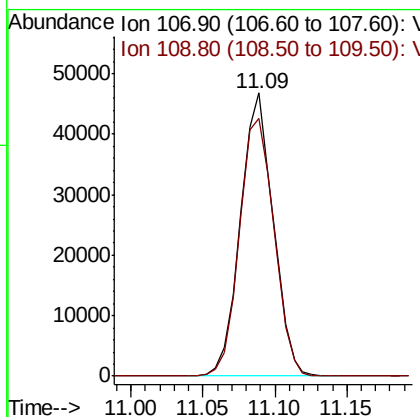
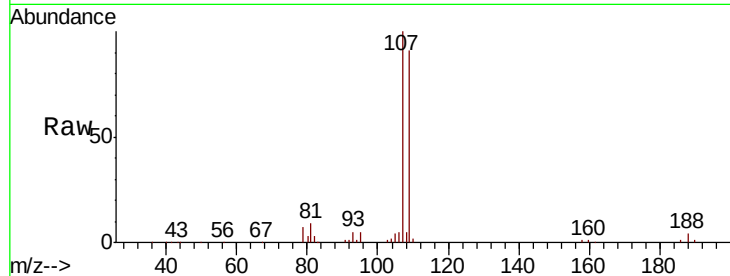
#61
 1,2-Dibromoethane
 Concen: 56.423 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	74.8	112.2

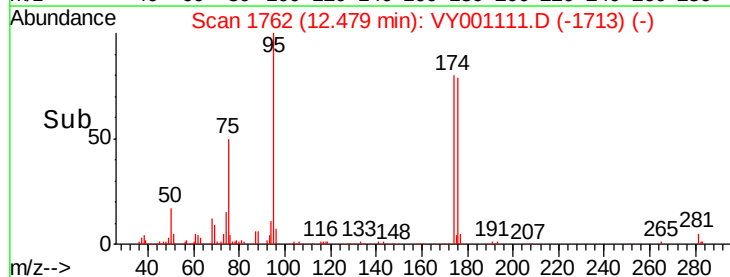
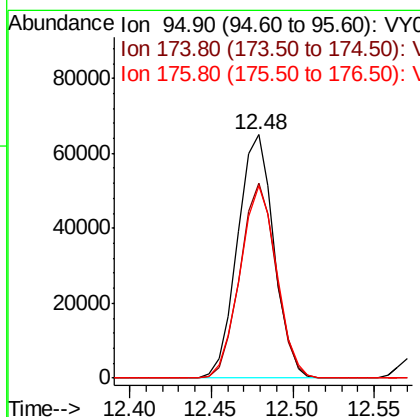
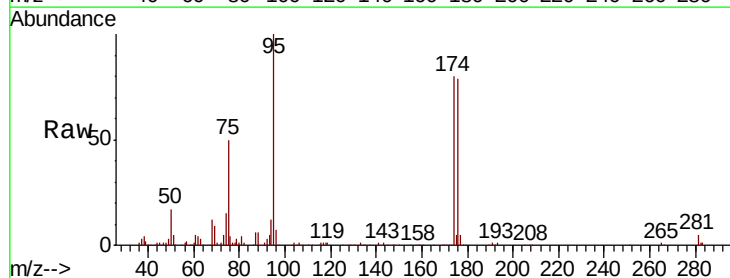
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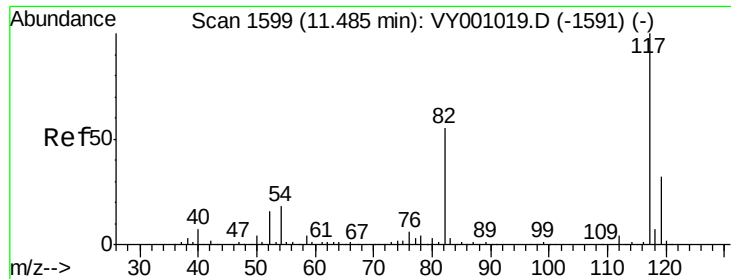
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#62
 4-Bromofluorobenzene
 Concen: 48.686 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	156.4
176	79.7	0.0	155.0





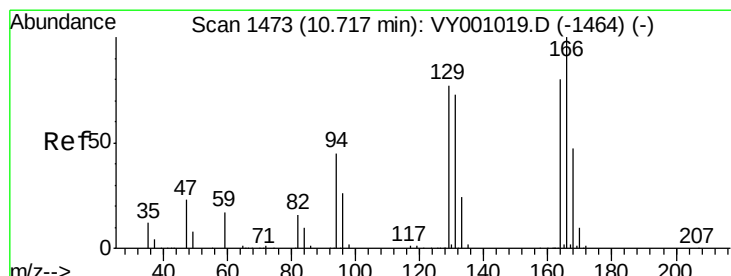
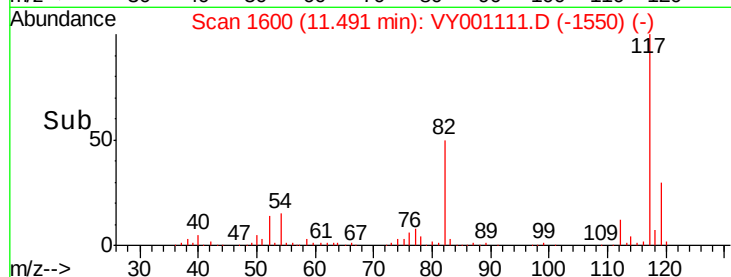
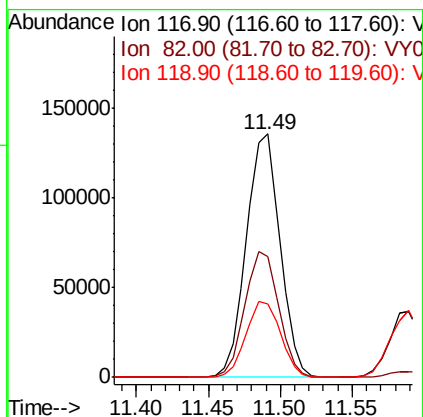
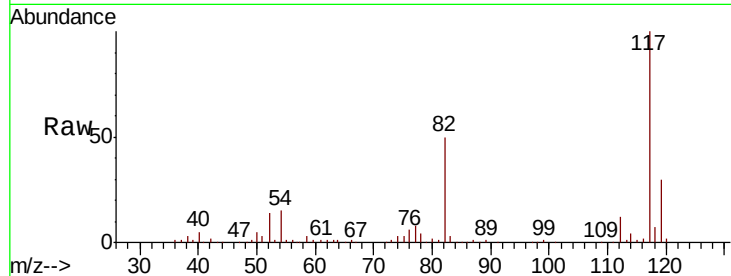
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	43.8	65.8
119	29.9	25.8	38.6

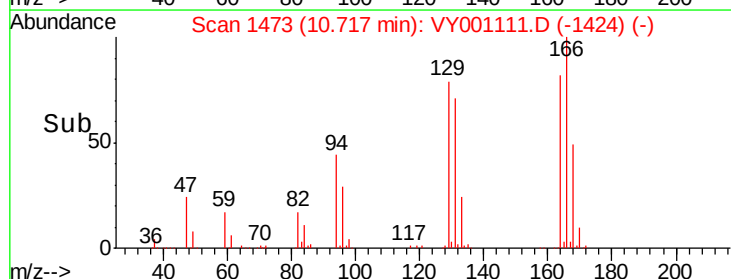
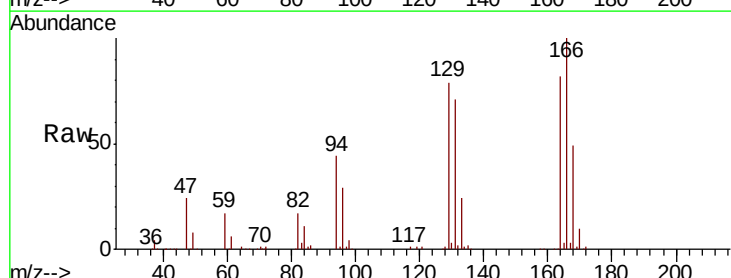
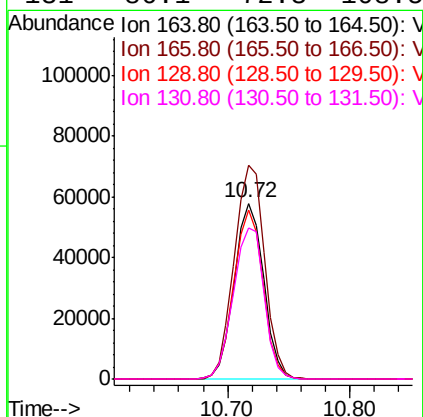
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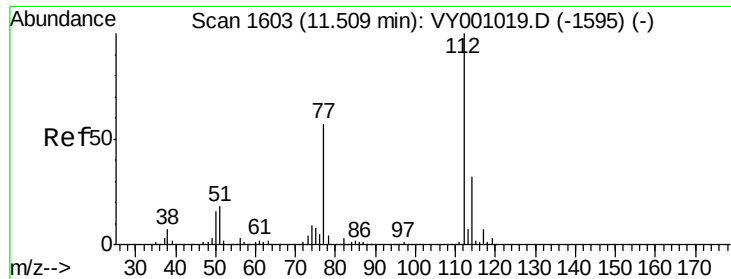
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#64
Tetrachloroethene
Concen: 50.698 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	99.7	149.5
129	95.8	76.9	115.3
131	86.1	72.3	108.5





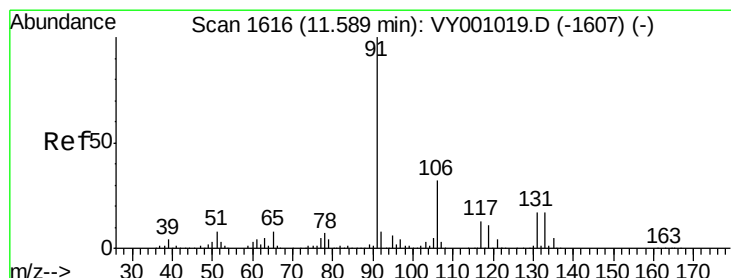
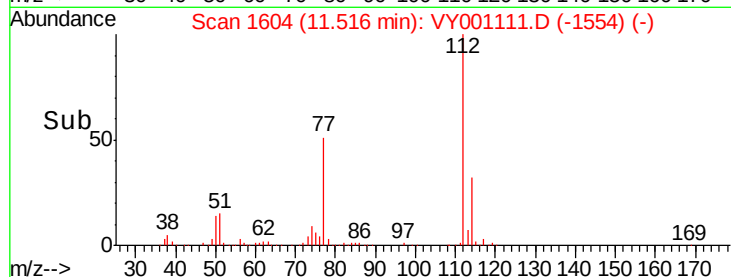
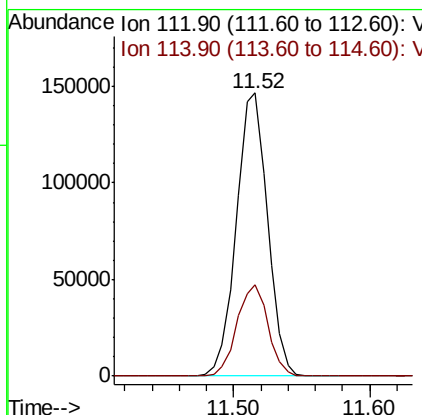
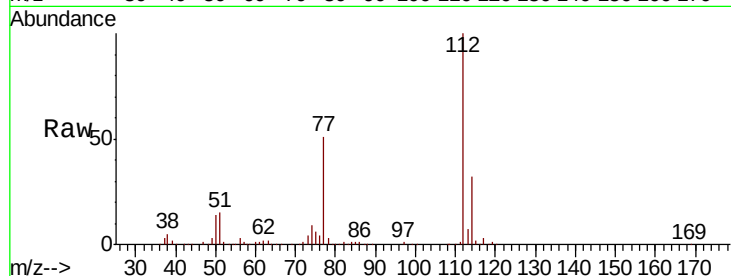
#65
Chlorobenzene
Concen: 51.538 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2

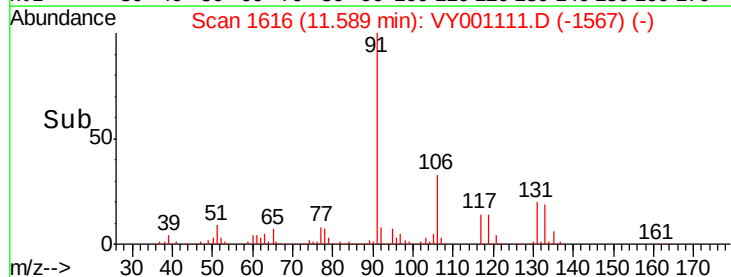
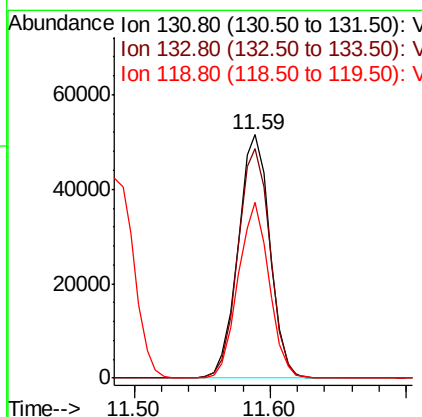
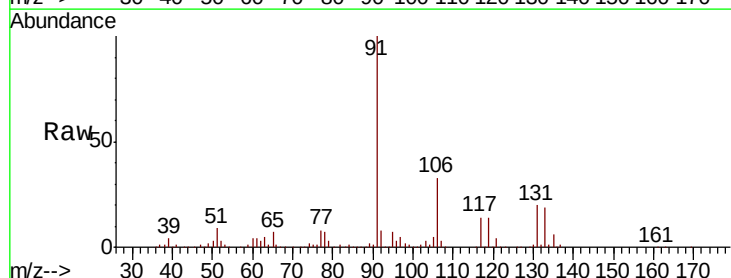
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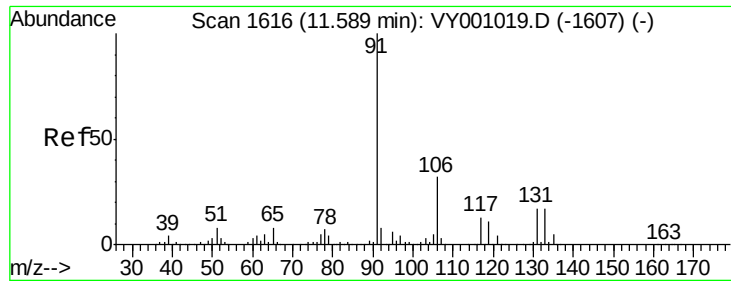
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.926 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.1	144.4
119	70.8	34.0	101.8





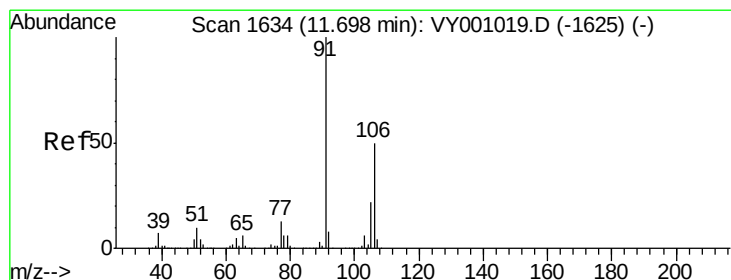
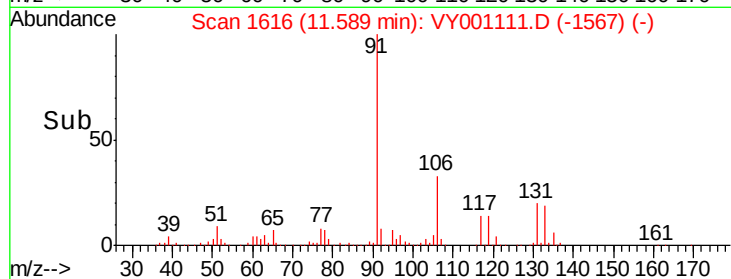
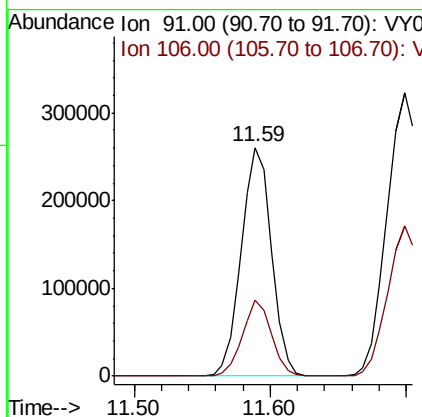
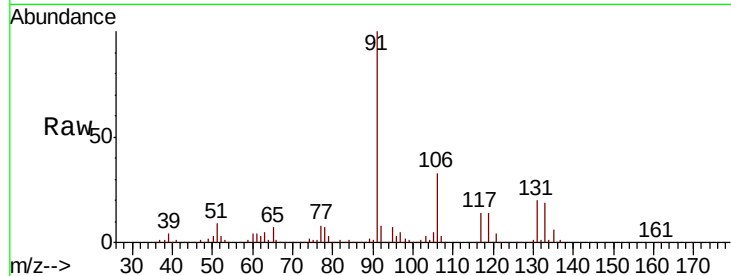
#67
Ethyl Benzene
Concen: 49.416 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	91	Resp	404503
Ion Ratio	100	Lower	Upper
106	33.2	25.3	37.9

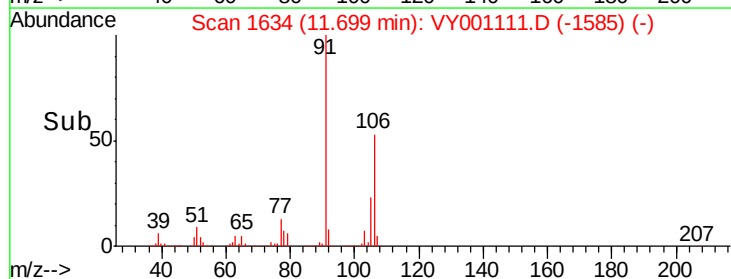
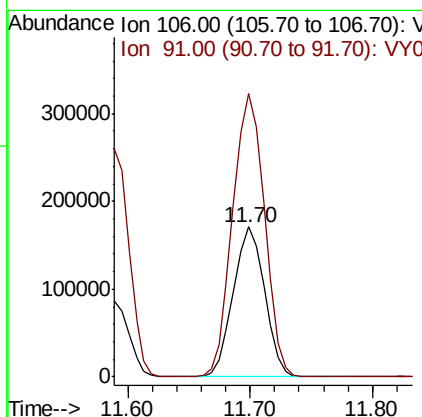
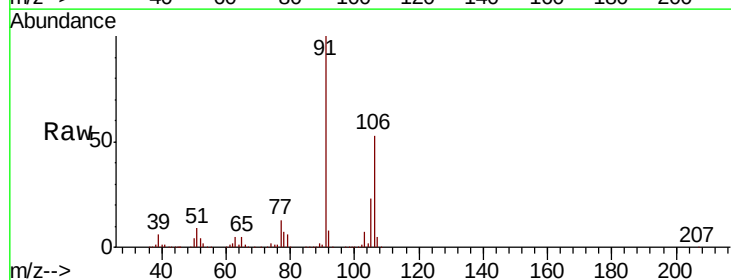
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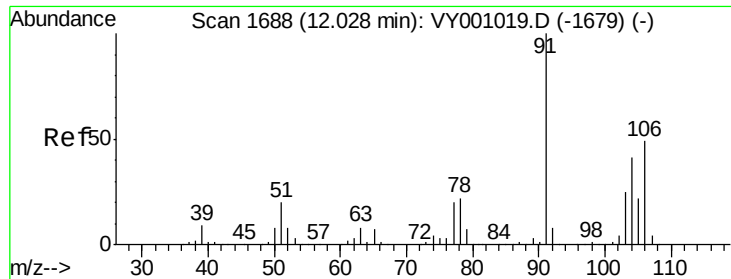
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#68
m/p-Xylenes
Concen: 98.329 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	106	Resp	305612
Ion Ratio	100	Lower	Upper
91	191.3	156.4	234.6





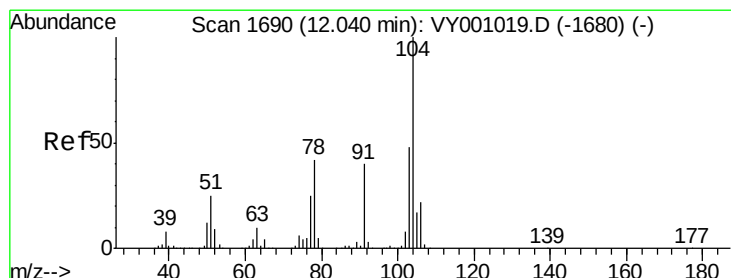
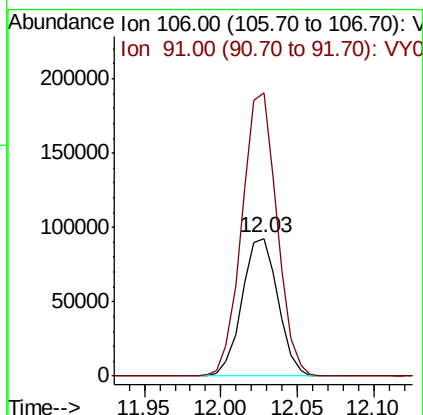
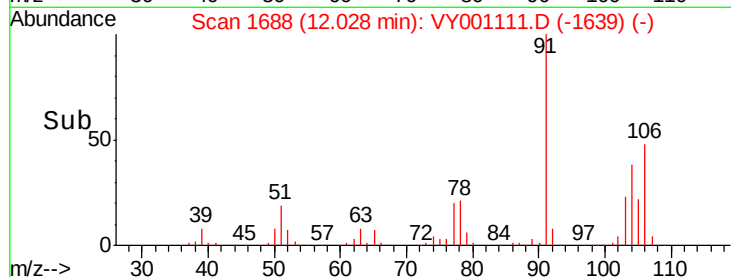
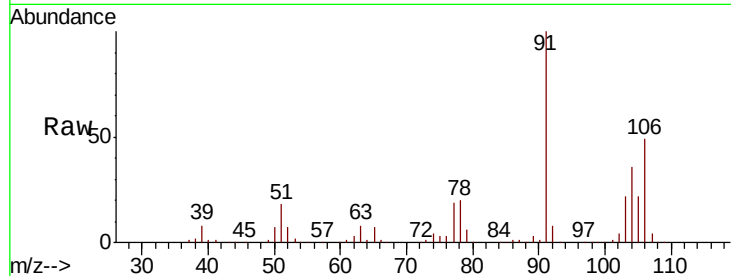
#69
o-Xylene
Concen: 51.565 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion:106 Resp: 150776
Ion Ratio Lower Upper
106 100
91 201.0 103.0 309.0

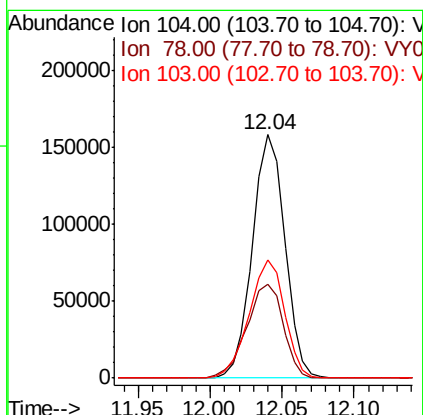
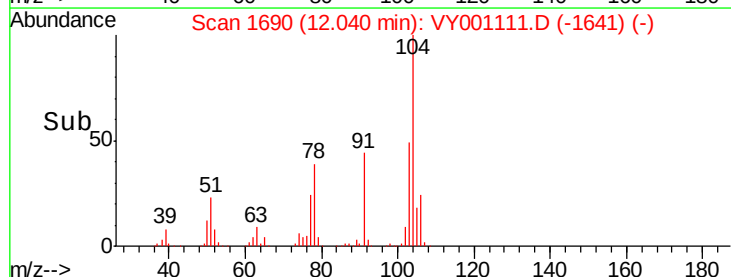
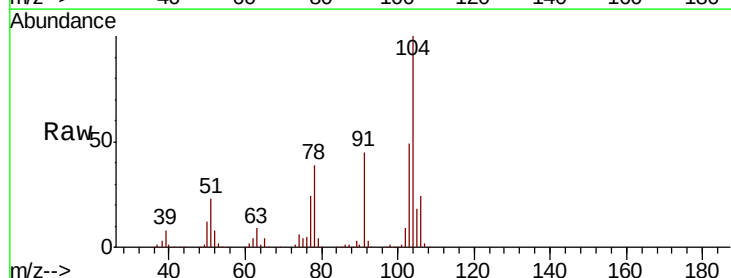
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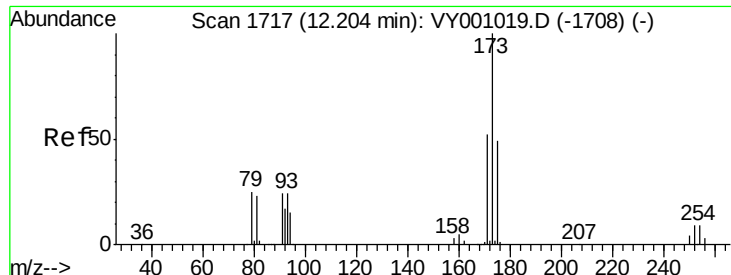
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#70
Styrene
Concen: 49.602 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion:104 Resp: 246613
Ion Ratio Lower Upper
104 100
78 43.6 36.6 54.8
103 52.8 42.6 64.0





#71

Bromoform

Concen: 59.143 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:173 Resp: 49458

Ion Ratio Lower Upper

173 100

175 47.3 24.5 73.5

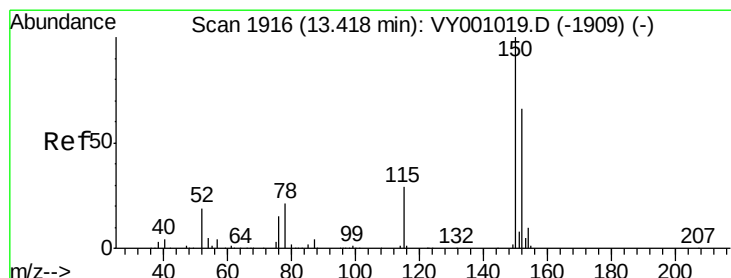
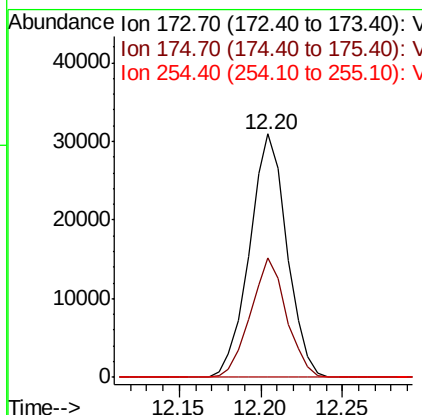
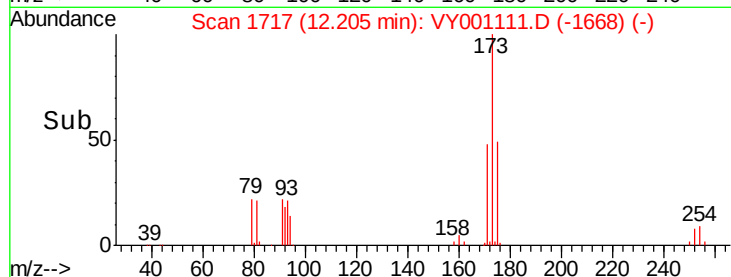
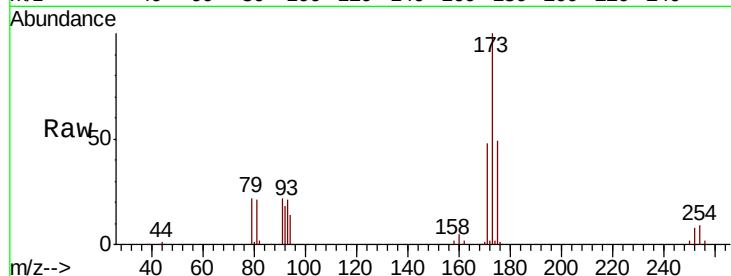
254 0.0 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

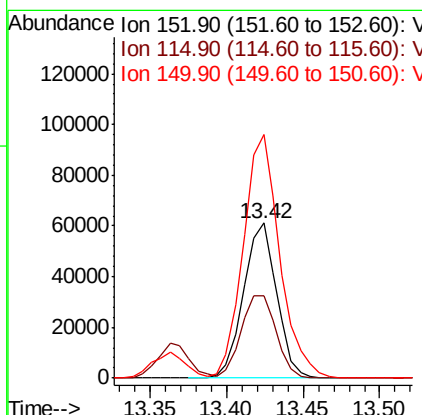
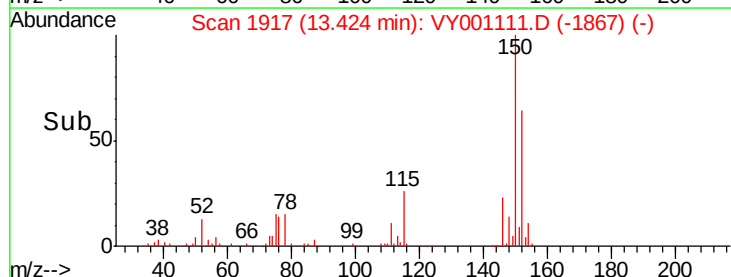
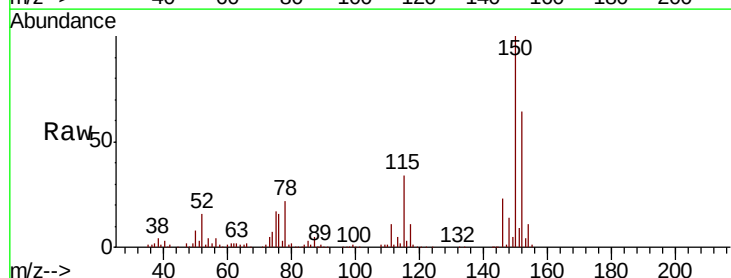
Tgt Ion:152 Resp: 91682

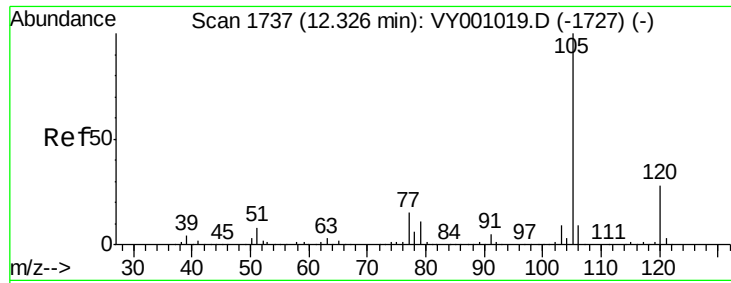
Ion Ratio Lower Upper

152 100

115 56.5 29.8 89.3

150 172.8 0.0 352.6





#73

Isopropylbenzene

Concen: 52.194 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 105 Resp: 370308

Ion Ratio Lower Upper

105 100

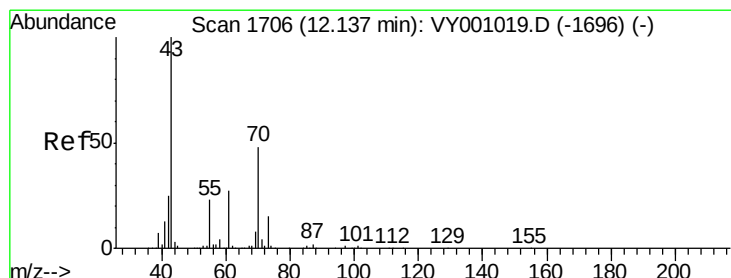
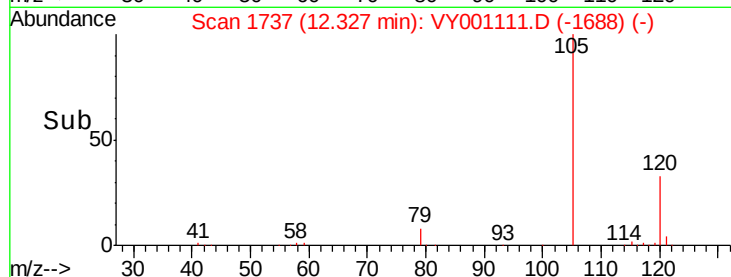
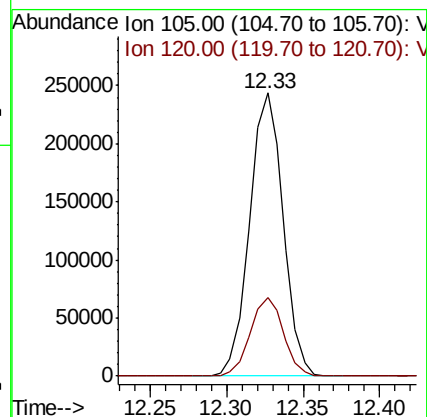
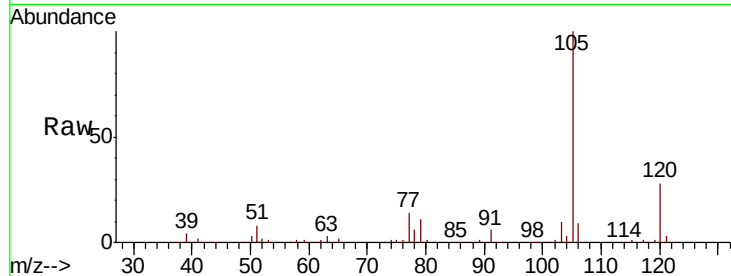
120 27.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 7.921 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion: 43 Resp: 14763

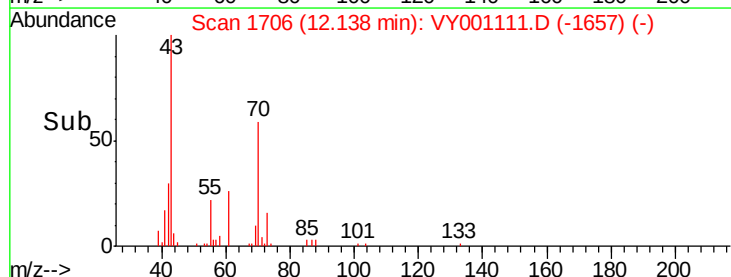
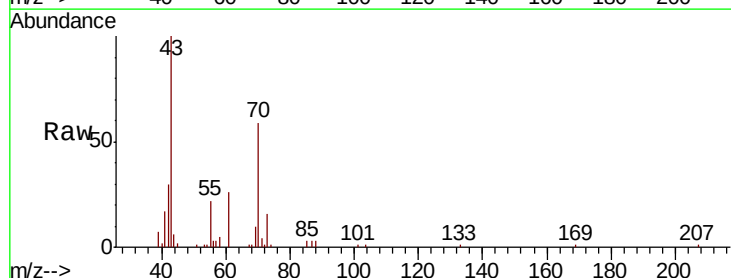
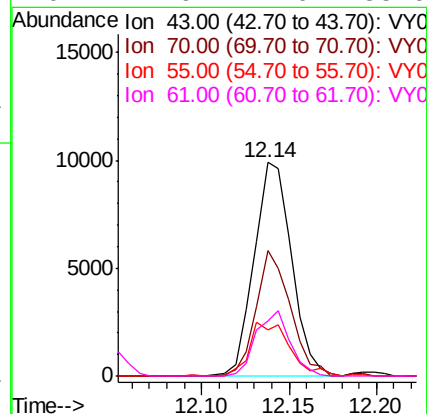
Ion Ratio Lower Upper

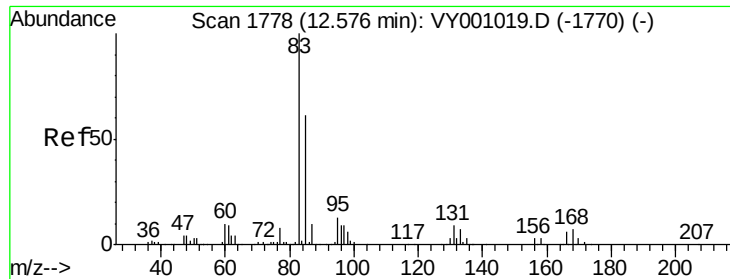
43 100

70 53.7 39.0 58.6

55 26.7 19.5 29.3

61 27.9 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 61.733 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

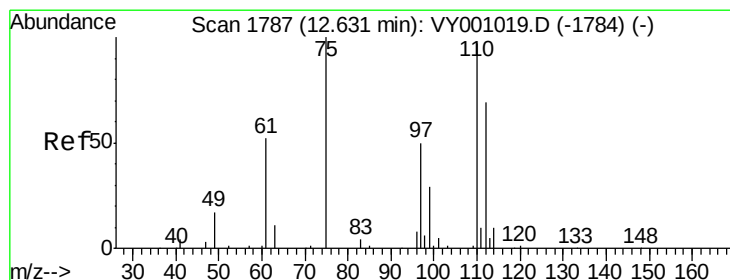
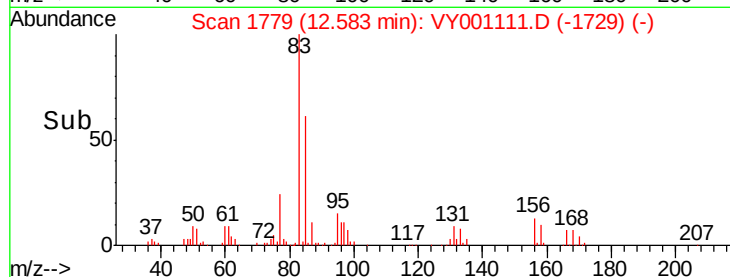
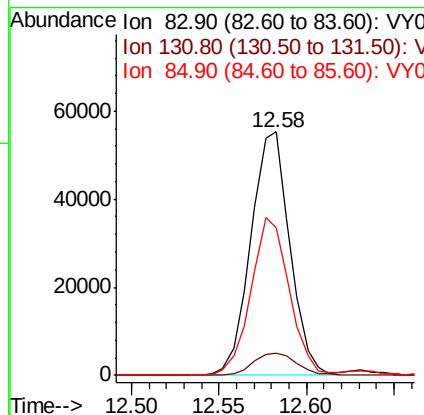
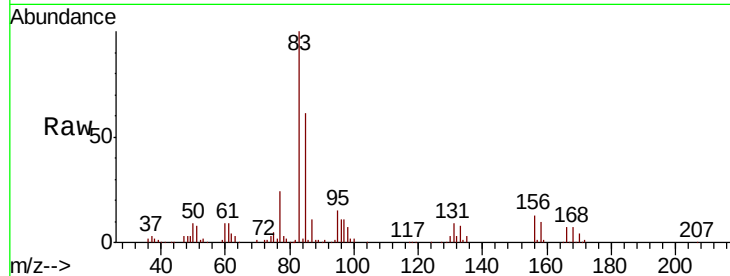
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	83	Resp:	86283
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 63.373 ug/l m

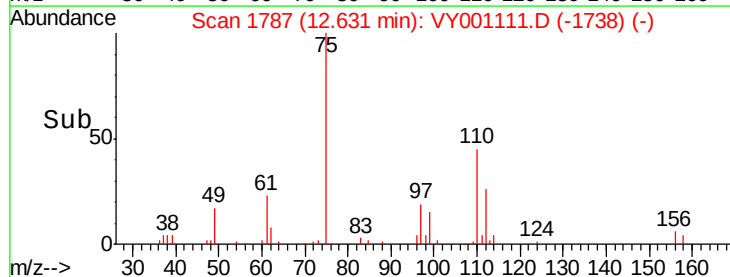
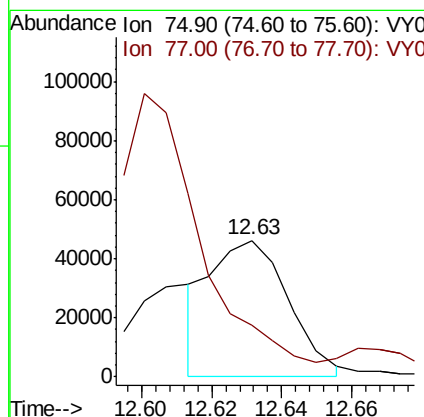
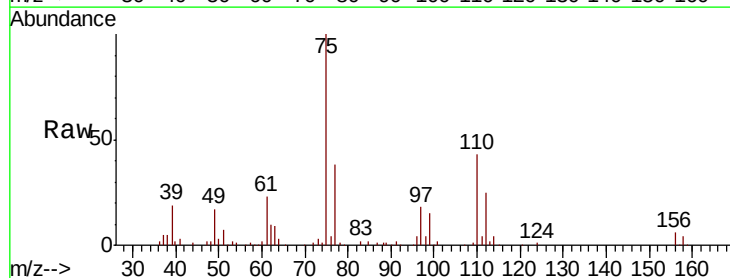
RT: 12.63 min Scan# 1787

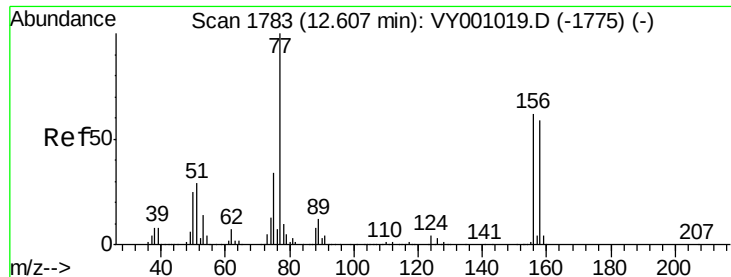
Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Tgt Ion:	75	Resp:	71627
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.431 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001111.D

Acq: 27 Dec 2019 20:07

Instrument :

MSVOA_Y

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:156 Resp: 91640

Ion Ratio Lower Upper

156 100

77 186.1 98.0 294.1

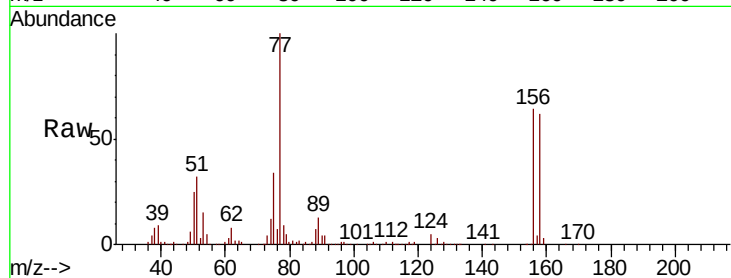
158 96.5 48.5 145.6

Manual Integrations

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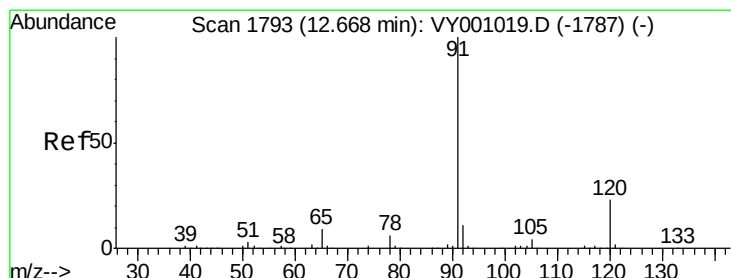
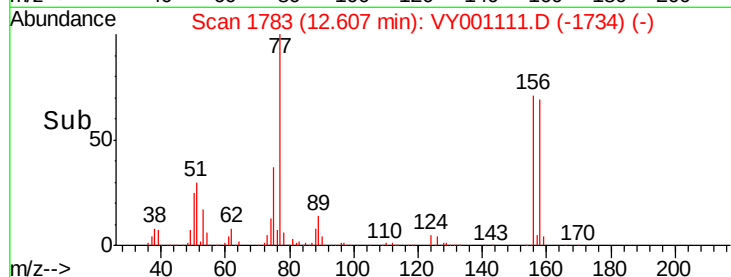
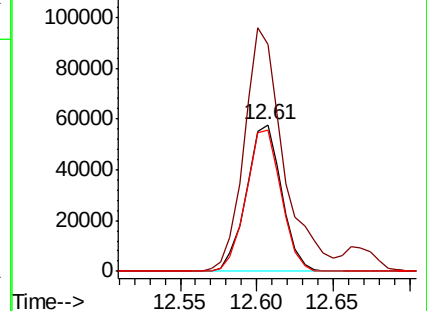
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.358 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001111.D

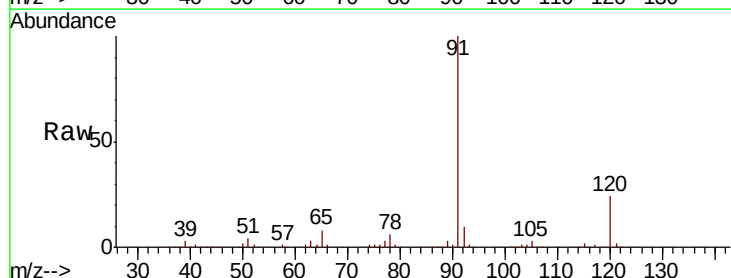
Acq: 27 Dec 2019 20:07

Tgt Ion: 91 Resp: 418058

Ion Ratio Lower Upper

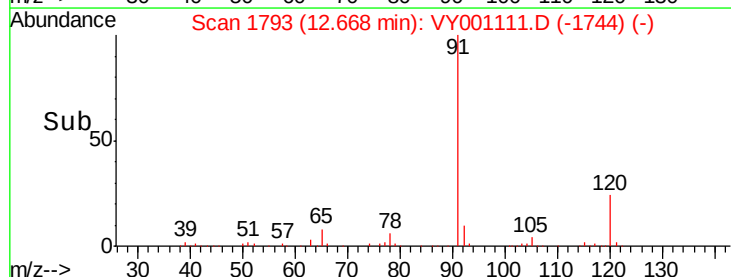
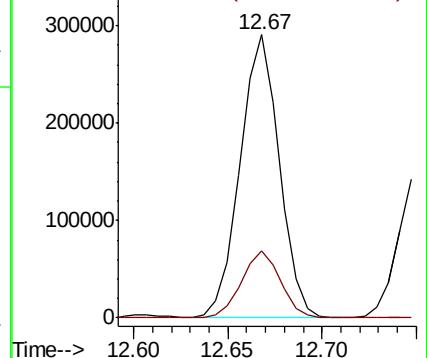
91 100

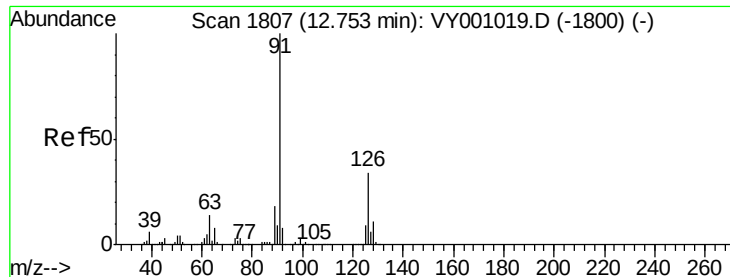
120 23.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





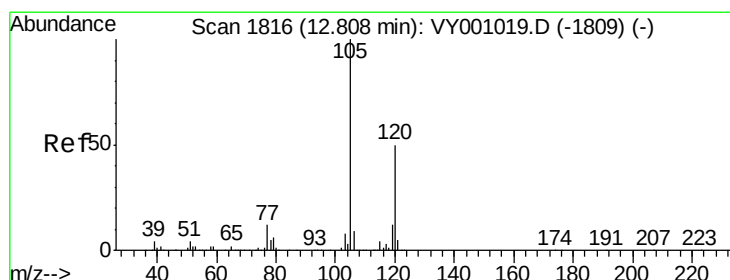
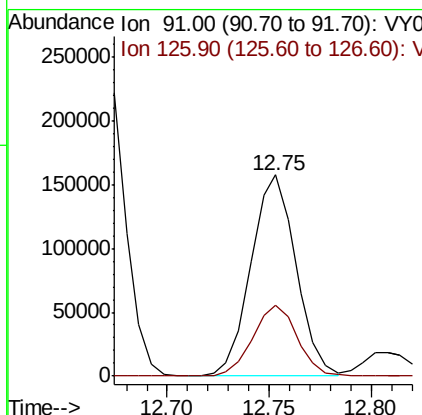
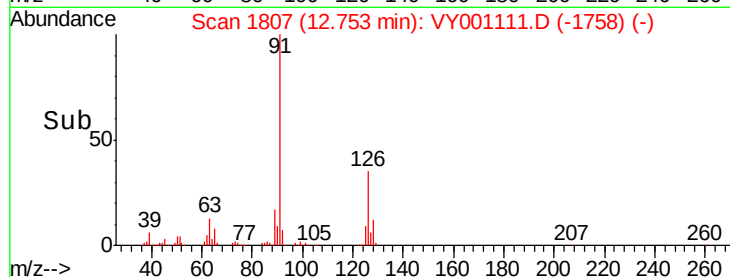
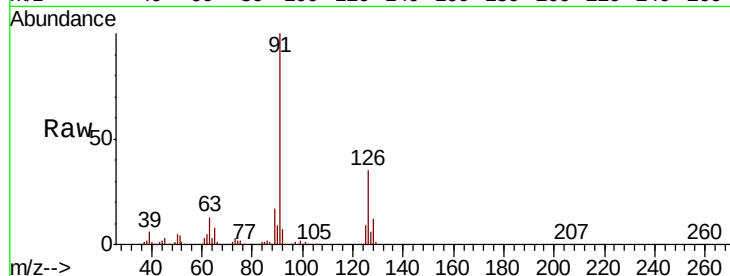
#79
2-Chlorotoluene
Concen: 50.621 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion: 91 Resp: 241675
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7

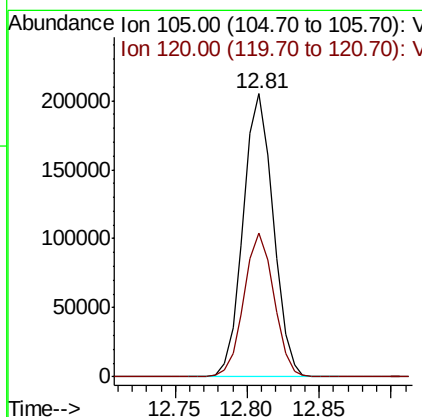
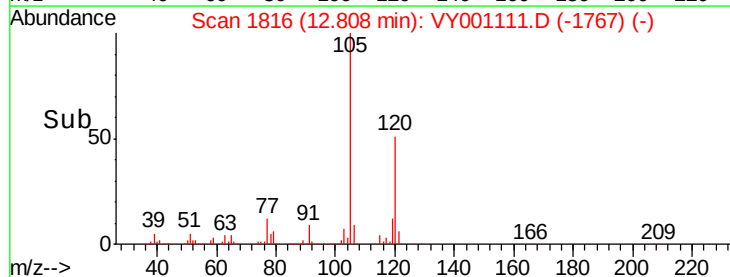
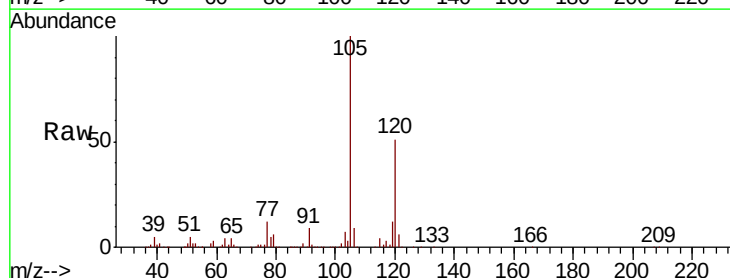
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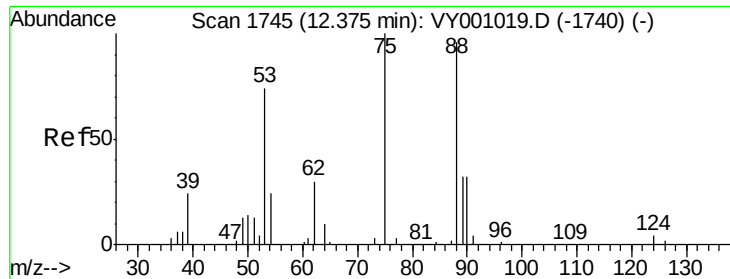
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#80
1,3,5-Trimethylbenzene
Concen: 51.028 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion: 105 Resp: 296754
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.4





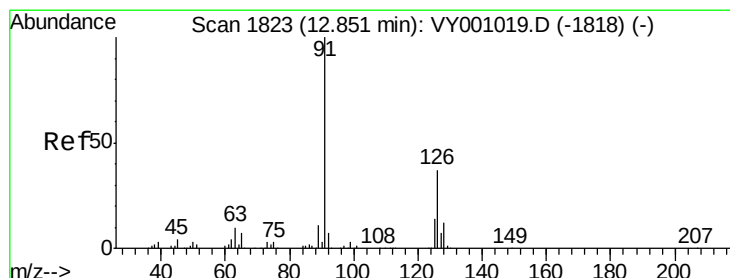
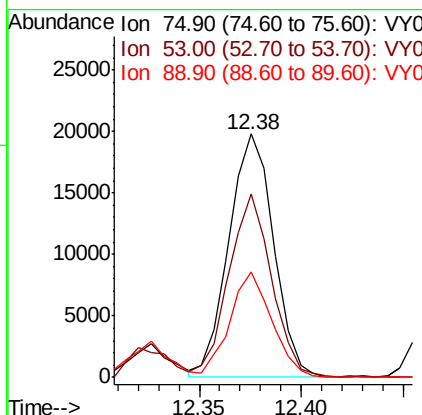
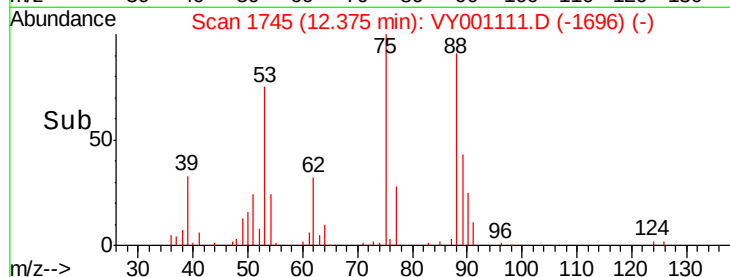
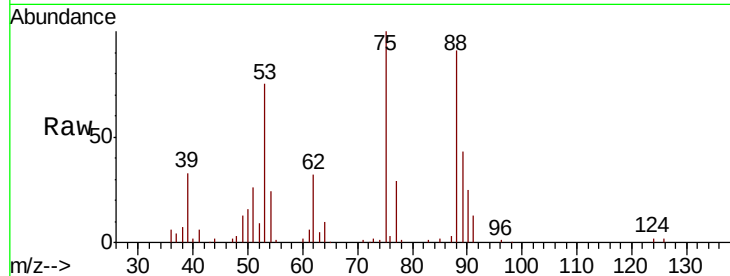
#81
trans-1,4-Dichloro-2-butene
Concen: 56.908 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	72.5	60.6	91.0
89	40.3	35.4	53.0

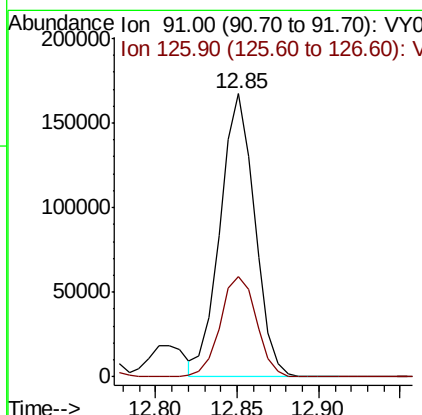
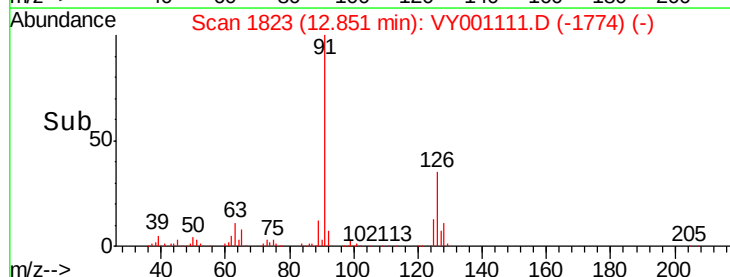
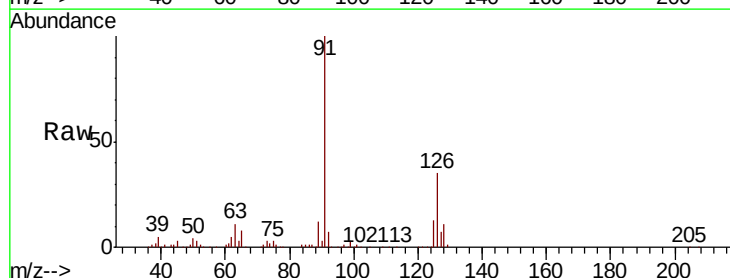
Manual Integrations
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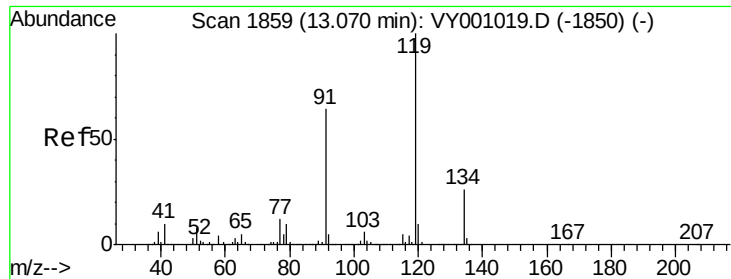
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#82
4-Chlorotoluene
Concen: 49.813 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	17.6	52.8





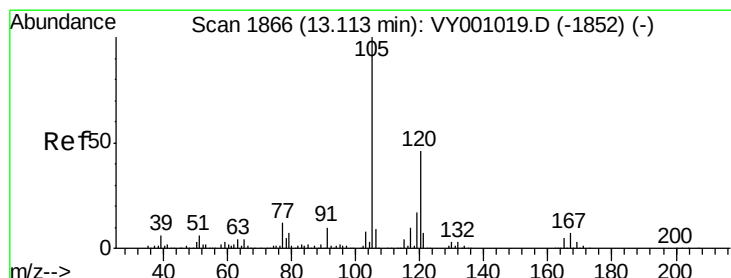
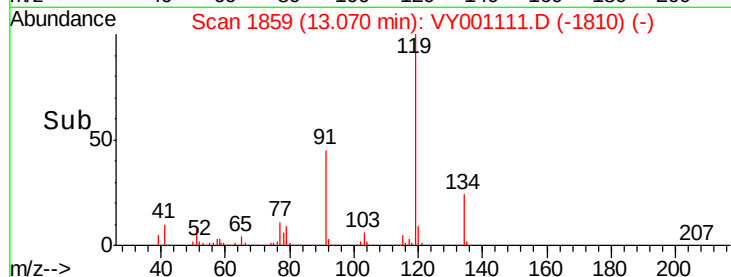
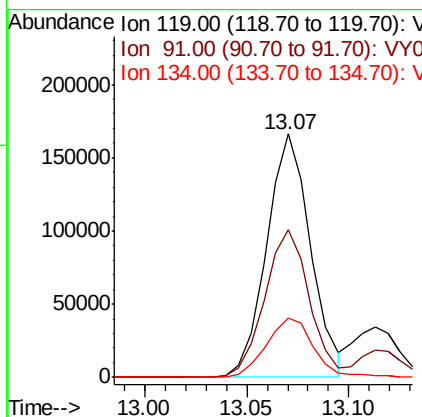
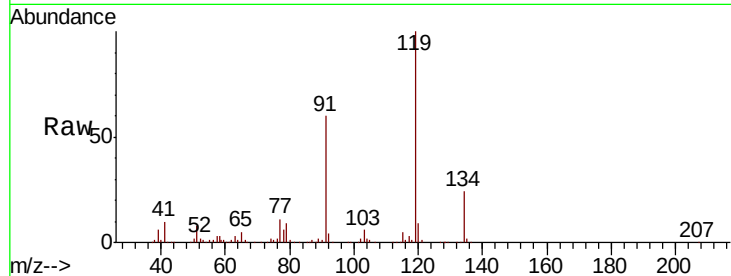
#83
 tert-Butylbenzene
 Concen: 51.083 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	249374		
91	61.2		31.9	95.7
134	26.4		13.6	40.7

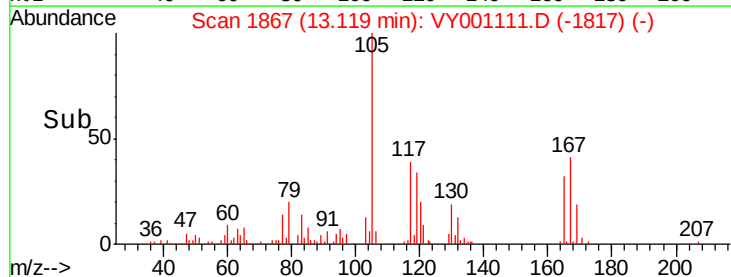
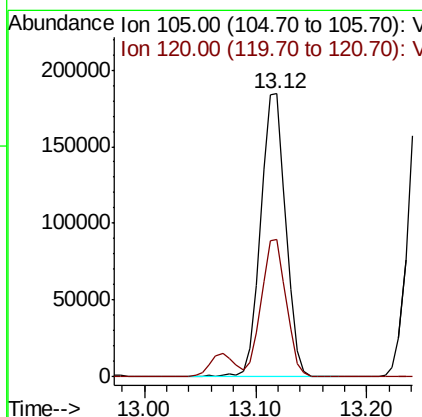
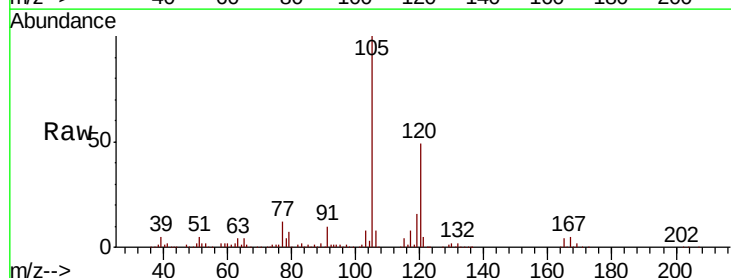
Manual Integrations
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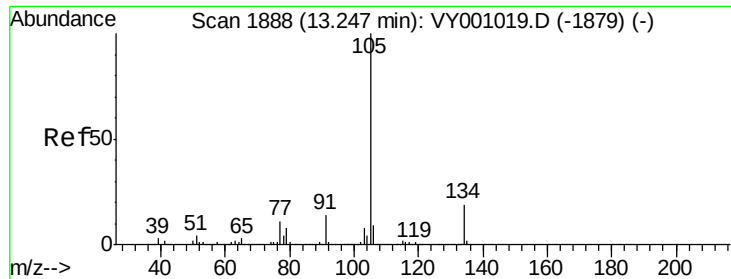
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.665 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	290238		
120	48.4		23.4	70.2





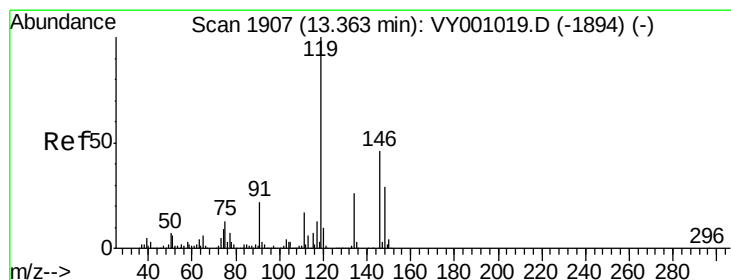
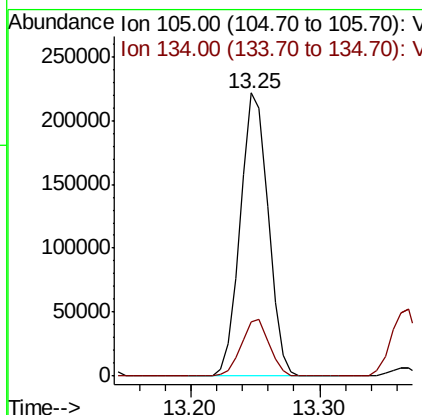
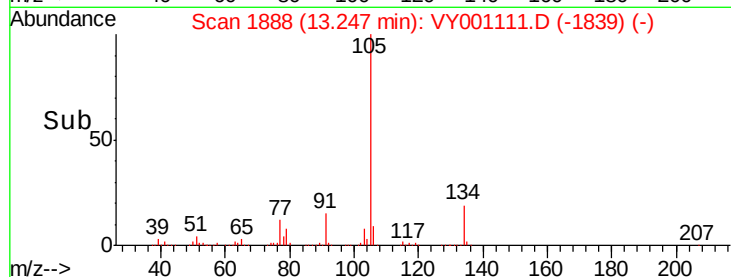
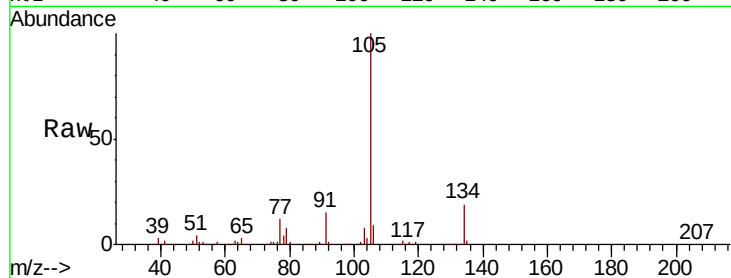
#85
 sec-Butylbenzene
 Concen: 46.101 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0

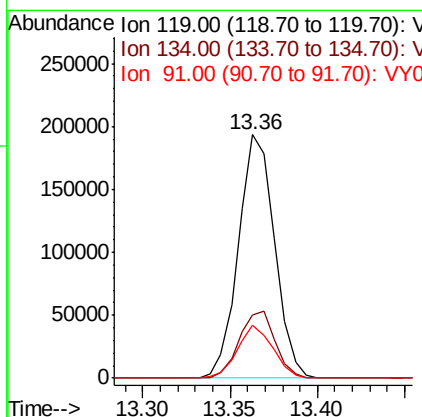
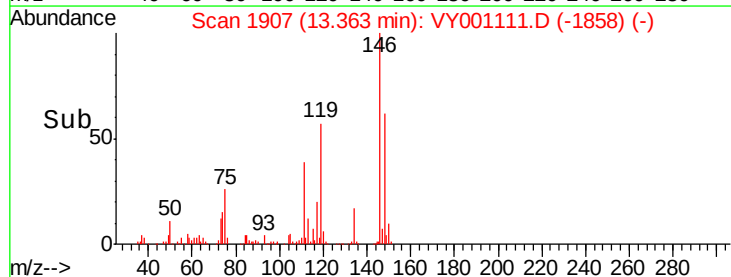
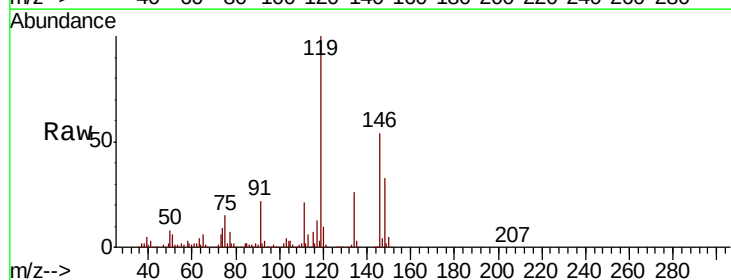
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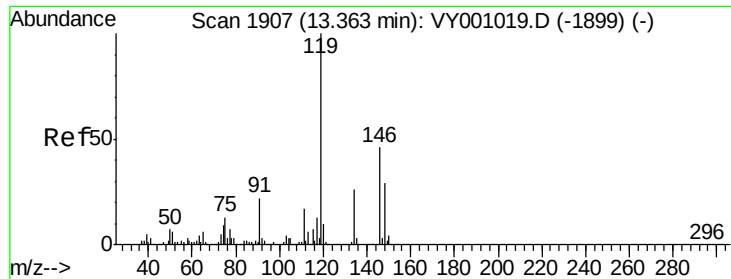
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#86
 p-Isopropyltoluene
 Concen: 44.656 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.7
91	21.3	11.4	34.1





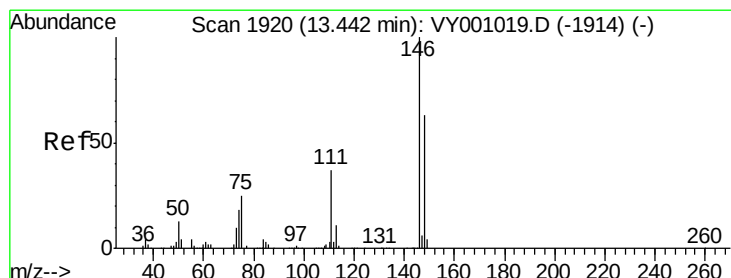
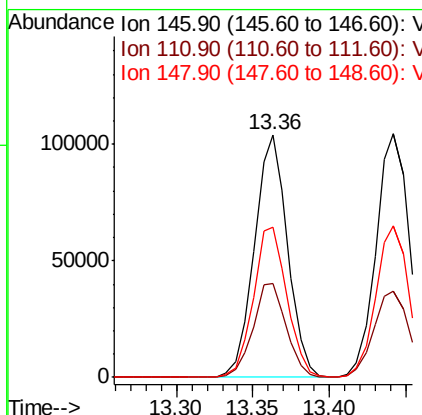
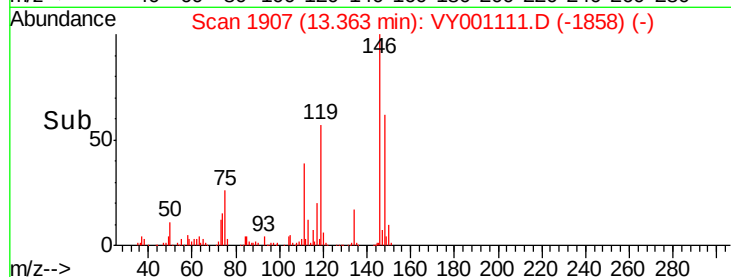
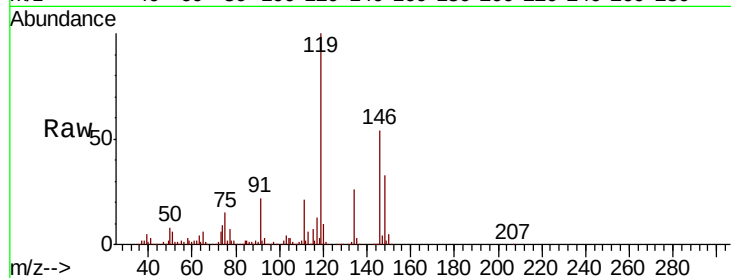
#87
 1,3-Dichlorobenzene
 Concen: 51.026 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	62.9	31.9	95.5

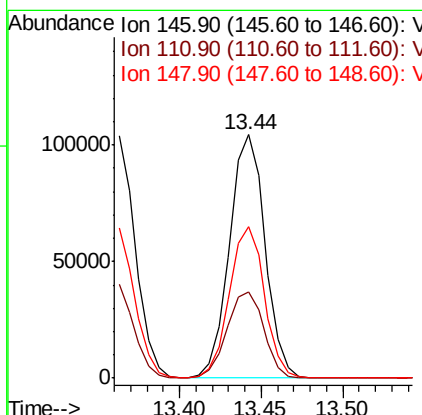
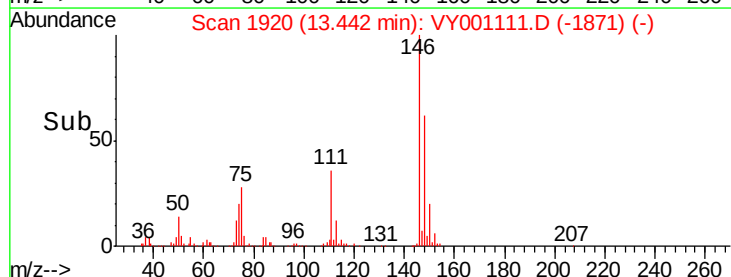
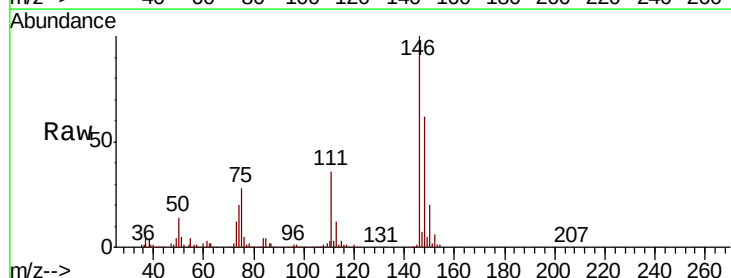
Manual Integrations
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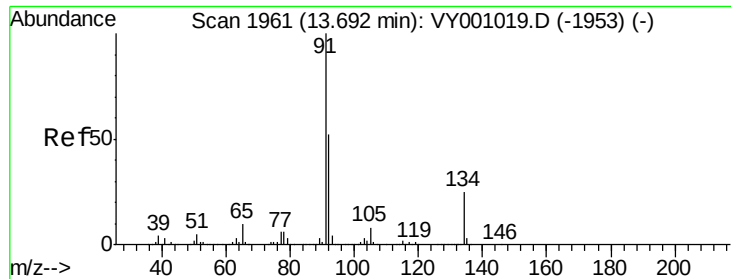
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#88
 1,4-Dichlorobenzene
 Concen: 51.121 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.2
148	61.9	31.8	95.3





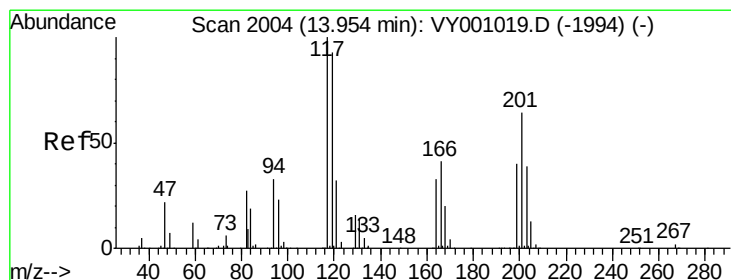
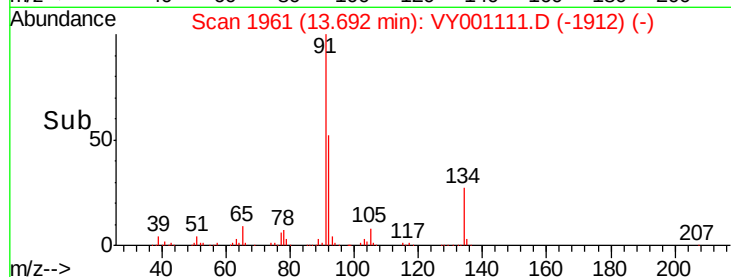
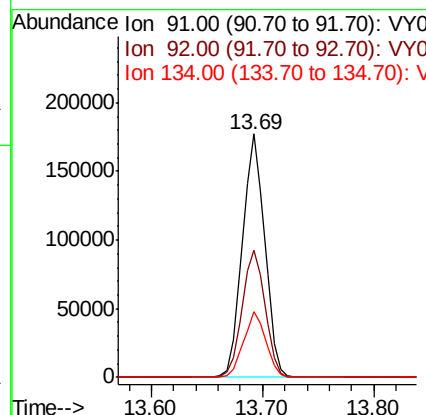
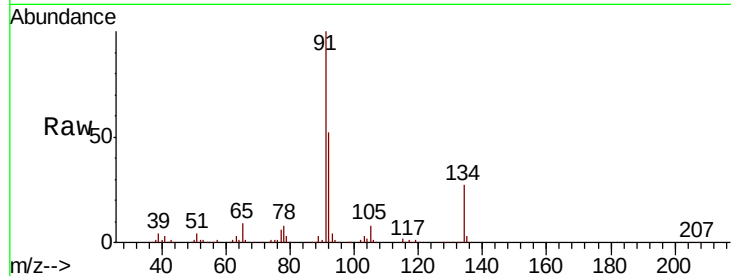
#89
n-Butylbenzene
Concen: 39.337 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	246460		
92	53.4	26.9	80.7	
134	26.8	12.7	38.0	

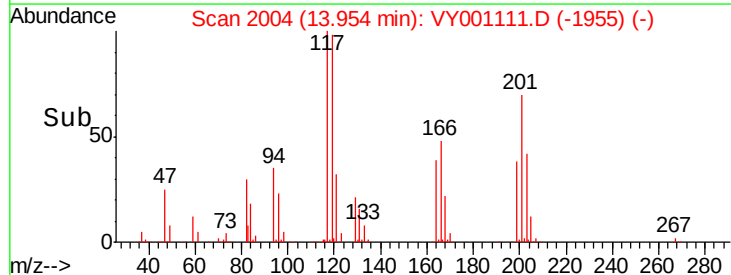
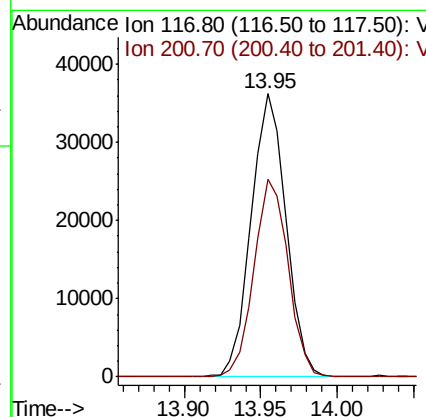
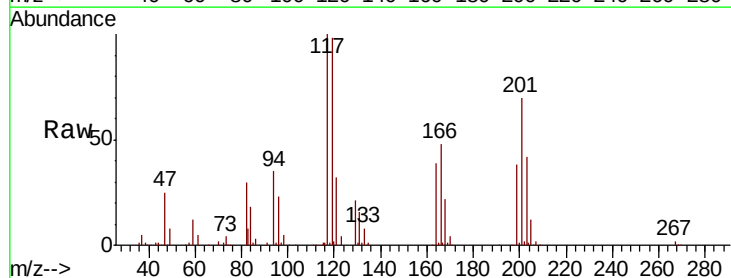
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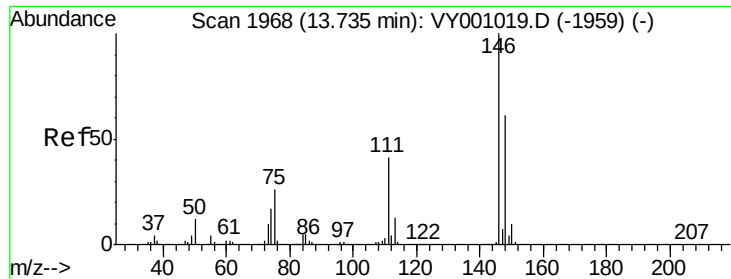
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#90
Hexachloroethane
Concen: 49.065 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57565		
201	68.4	33.7	101.1	





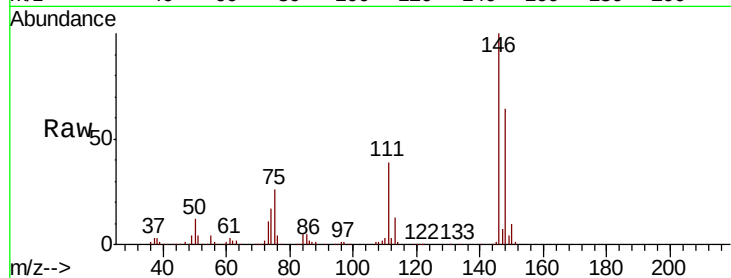
#91
 1,2-Dichlorobenzene
 Concen: 53.523 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	62.1	31.6	94.7

Manual Integrations
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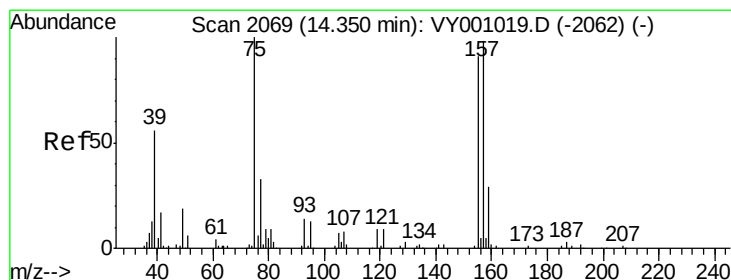
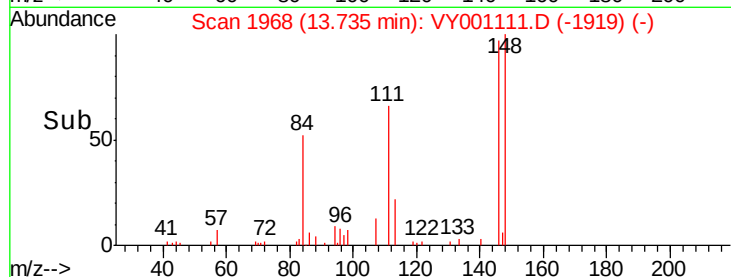
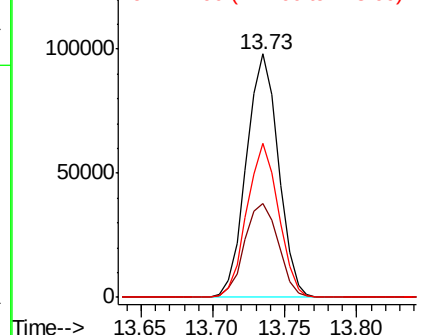


Abundance

Ion 145.90 (145.60 to 146.60): V

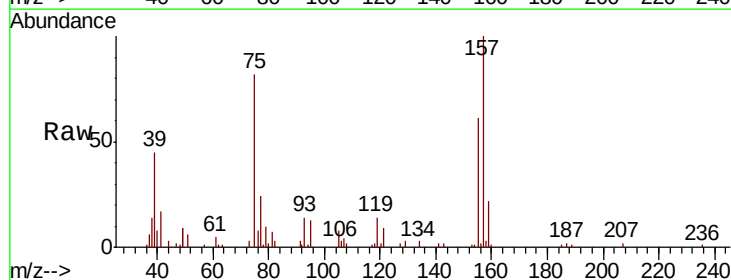
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.650 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.3	138.9
157	124.6	58.1	174.4

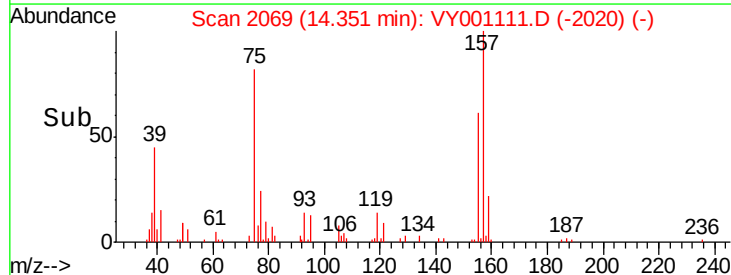
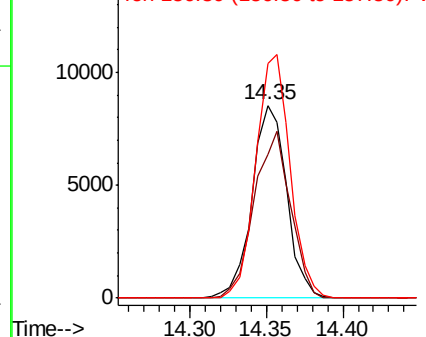


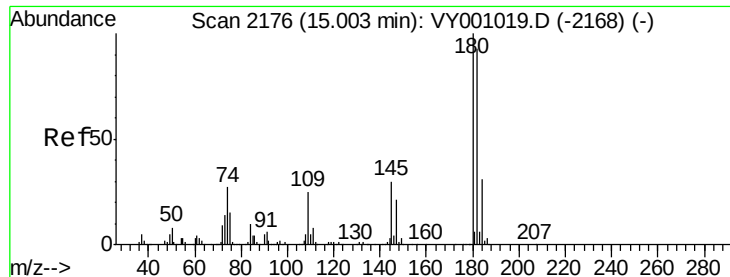
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





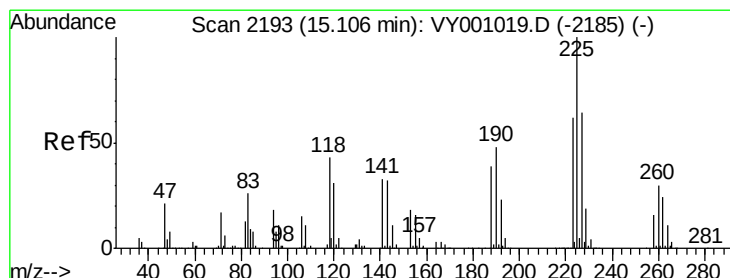
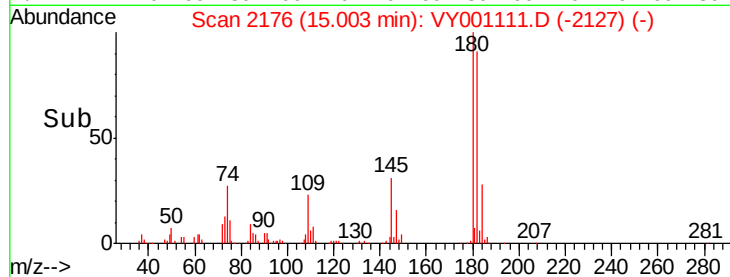
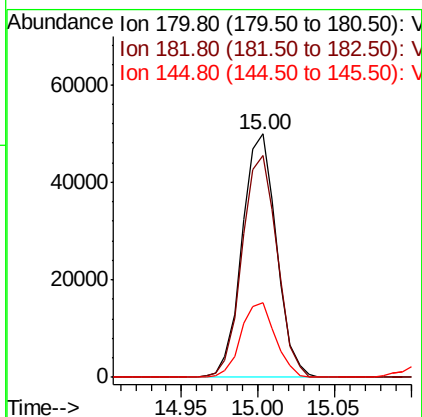
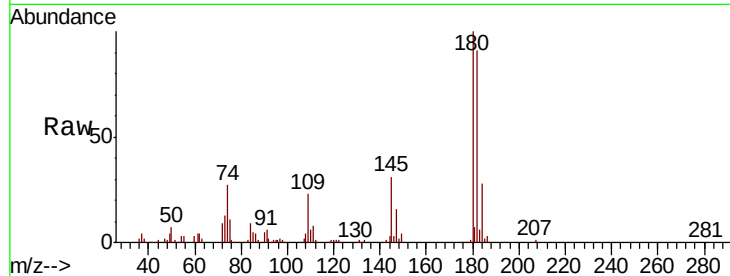
#93
 1,2,4-Trichlorobenzene
 Concen: 40.831 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.8	140.3
145	30.8	15.3	45.9

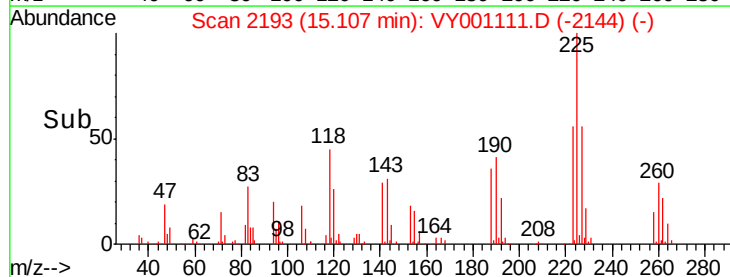
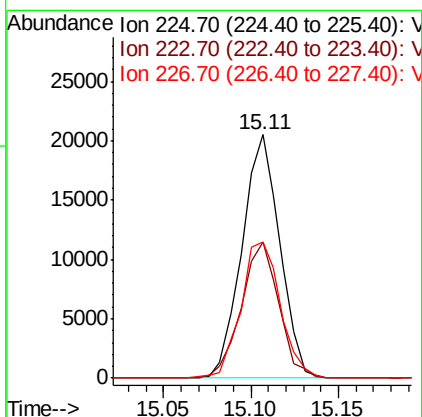
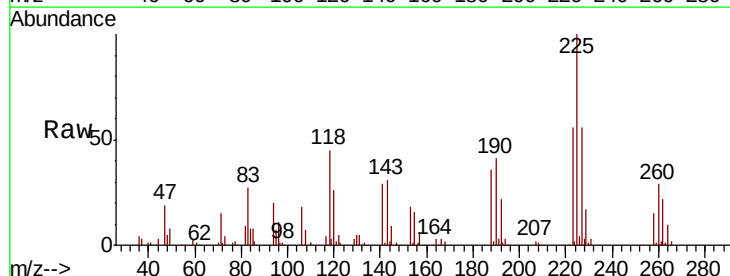
Manual Integrations
 APPROVED

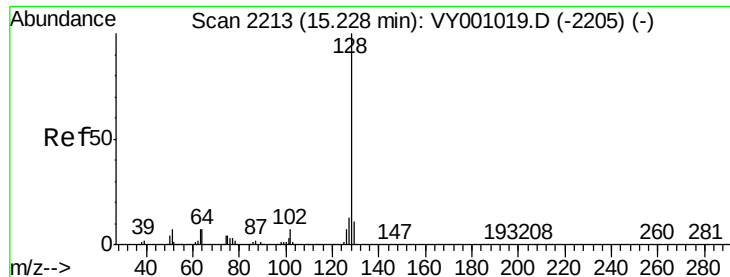
apatel
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#94
 Hexachlorobutadiene
 Concen: 34.054 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001111.D
 Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.1	31.6	94.8
227	58.9	31.9	95.5





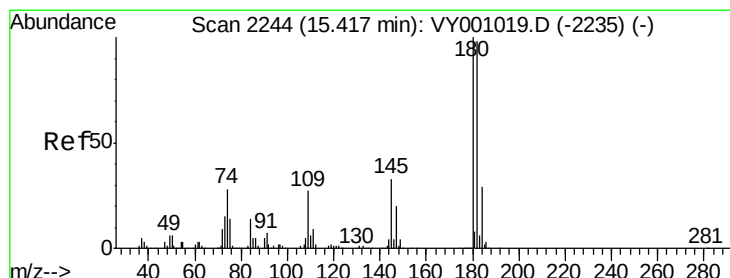
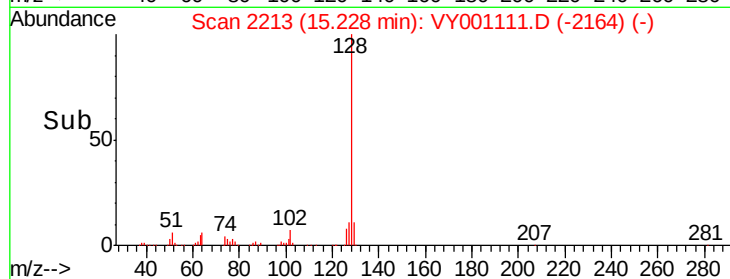
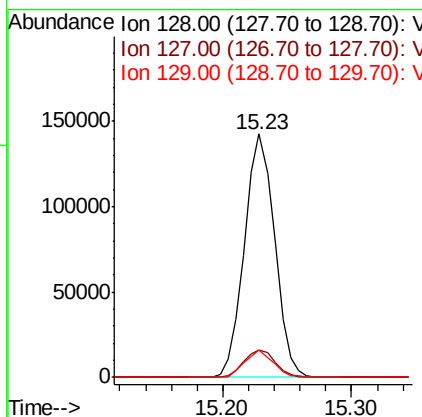
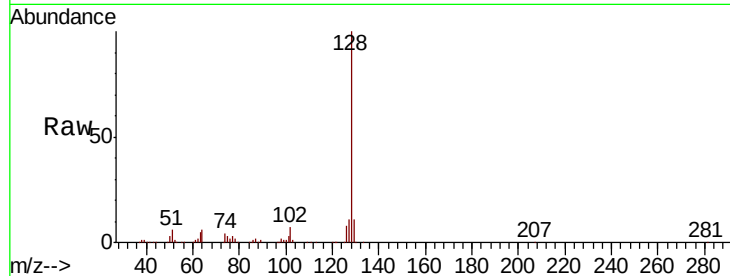
#95
Naphthalene
Concen: 51.525 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.9	14.9
129	10.5	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 41.472 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001111.D
Acq: 27 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	47.9	143.8
145	32.5	16.3	48.9

