

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000222.D
 Acq On : 08 Oct 2019 14:06
 Operator : SY/MD
 Sample : VSTDIC075
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:22 AM

Quant Time: Oct 08 14:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	297878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	507886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	287211	100.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.20%	
35) Dibromofluoromethane	7.73	113	233974	80.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.44%	
50) Toluene-d8	10.19	98	966842	89.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.74%	
62) 4-Bromofluorobenzene	12.48	95	345255	88.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	244295	107.698	ug/l	96
3) Chloromethane	2.12	50	310052	112.523	ug/l	95
4) Vinyl Chloride	2.25	62	330920	110.569	ug/l	97
5) Bromomethane	2.61	94	203011	84.343	ug/l	95
6) Chloroethane	2.77	64	209643	109.035	ug/l	98
7) Trichlorofluoromethane	3.12	101	423395	100.367	ug/l	95
8) Diethyl Ether	3.53	74	179641	109.653	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.90	101	250856	101.003	ug/l	93
10) Methyl Iodide	4.09	142	402475	120.680	ug/l	95
11) Tert butyl alcohol	4.98	59	783557	545.423	ug/l	100
12) 1,1-Dichloroethene	3.87	96	261560	102.741	ug/l	85
13) Acrolein	3.73	56	367440	651.297	ug/l	97
14) Allyl chloride	4.48	41	432650	114.053	ug/l	90
15) Acrylonitrile	5.18	53	1458053	618.254	ug/l	100
16) Acetone	3.95	43	1200293	637.381	ug/l	99
17) Carbon Disulfide	4.19	76	778104	111.396	ug/l	100
18) Methyl Acetate	4.48	43	657255	127.664	ug/l	91
19) Methyl tert-butyl Ether	5.23	73	954804	116.301	ug/l	92
20) Methylene Chloride	4.72	84	297105	101.788	ug/l #	89
21) trans-1,2-Dichloroethene	5.22	96	290346	109.684	ug/l	90
22) Diisopropyl ether	6.13	45	1048764	138.959	ug/l	96
23) Vinyl Acetate	6.07	43	4856694	690.701	ug/l #	93
24) 1,1-Dichloroethane	6.03	63	513522	119.572	ug/l	95
25) 2-Butanone	7.00	43	2309565	680.903	ug/l	94
26) 2,2-Dichloropropane	6.99	77	450706	106.362	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	334808	106.135	ug/l	88
28) Bromochloromethane	7.35	49	167929	137.028	ug/l #	81
29) Tetrahydrofuran	7.36	42	1626835	691.983	ug/l	91
30) Chloroform	7.52	83	522981	107.967	ug/l	98
31) Cyclohexane	7.79	56	519627	102.846	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	461290	108.489	ug/l	97
36) 1,1-Dichloropropene	7.93	75	414328	101.713	ug/l	95
37) Ethyl Acetate	7.09	43	727330	113.890	ug/l	99
38) Carbon Tetrachloride	7.91	117	402365	91.827	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	528766	97.539	ug/l	89
40) Benzene	8.17	78	1244599	102.007	ug/l	98
41) Methacrylonitrile	7.35	41	580710m	72.845	ug/l	
42) 1,2-Dichloroethane	8.25	62	402473	101.547	ug/l	96
43) Isopropyl Acetate	8.28	43	965078	116.643	ug/l	97
44) Trichloroethene	8.95	130	323868	82.674	ug/l	96
45) 1,2-Dichloropropane	9.22	63	313706	105.500	ug/l	94
46) Dibromomethane	9.31	93	209954	94.985	ug/l	88
47) Bromodichloromethane	9.50	83	425022	101.340	ug/l	100
48) Methyl methacrylate	9.30	41	432747	121.736	ug/l	91
49) 1,4-Dioxane	9.30	88	212991	1912.023	ug/l	87
51) 4-Methyl-2-Pentanone	10.08	43	3623027	592.080	ug/l	99
52) Toluene	10.25	92	813501	101.849	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	497983	105.724	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	526280	104.320	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	316873	96.701	ug/l	99
56) Ethyl methacrylate	10.52	69	575734	115.490	ug/l	95
57) 1,3-Dichloropropane	10.80	76	537768	103.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	1011004	356.519	ug/l	89
59) 2-Hexanone	10.84	43	3089757	593.898	ug/l	100
60) Dibromochloromethane	10.99	129	332331	90.875	ug/l	100
61) 1,2-Dibromoethane	11.09	107	331974	93.470	ug/l	100
64) Tetrachloroethene	10.72	164	306610	73.446	ug/l	91
65) Chlorobenzene	11.52	112	821799	89.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	297093	86.558	ug/l	98
67) Ethyl Benzene	11.60	91	1539653	97.423	ug/l	97
68) m/p-Xylenes	11.70	106	1174316	188.451	ug/l	94
69) o-Xylene	12.03	106	566720	92.388	ug/l	94
70) Styrene	12.05	104	993510	97.830	ug/l	97
71) Bromoform	12.21	173	252165	83.355	ug/l #	98
73) Isopropylbenzene	12.33	105	1510208	101.067	ug/l	97
74) N-amyl acetate	12.14	43	760020	131.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	504777	106.214	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	447549m	69.300	ug/l	
77) Bromobenzene	12.61	156	333415	85.086	ug/l	76
78) n-propylbenzene	12.67	91	1802266	105.919	ug/l	95
79) 2-Chlorotoluene	12.75	91	995155	103.444	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	1250460	99.509	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	230729	118.741	ug/l	96
82) 4-Chlorotoluene	12.85	91	1037043	105.430	ug/l	94
83) tert-Butylbenzene	13.08	119	1064203	93.687	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	1266855	101.667	ug/l	97
85) sec-Butylbenzene	13.25	105	1516274	98.534	ug/l	96
86) p-Isopropyltoluene	13.37	119	1345432	96.255	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	636473	88.184	ug/l	96
88) 1,4-Dichlorobenzene	13.44	146	631061	86.748	ug/l	97
89) n-Butylbenzene	13.69	91	1303105	106.203	ug/l	97
90) Hexachloroethane	13.96	117	258503	98.246	ug/l	86
91) 1,2-Dichlorobenzene	13.74	146	617652	88.054	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	160796	103.776	ug/l	83

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ClientSampleId :
VSTDICC075

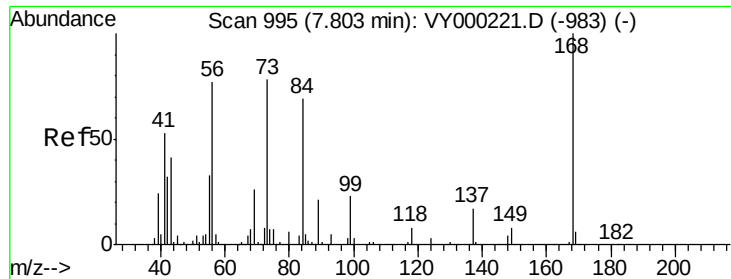
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	427079	84.684	ug/l	97
94) Hexachlorobutadiene	15.11	225	195420	72.508	ug/l	98
95) Naphthalene	15.23	128	1609641	94.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	408179	81.103	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 297878

Ion Ratio Lower Upper

168 100

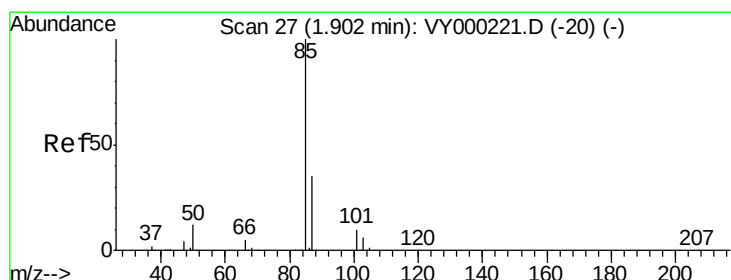
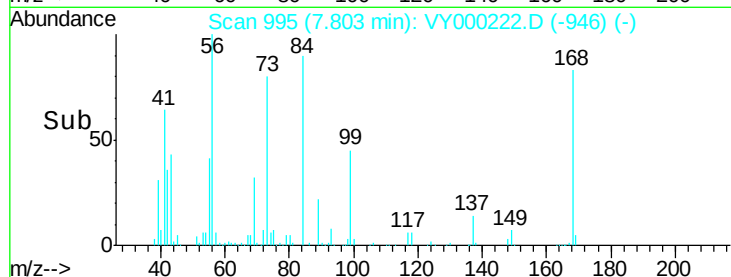
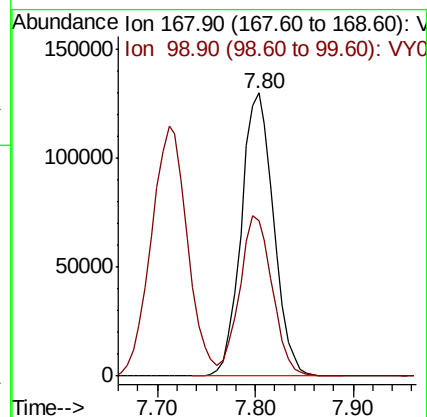
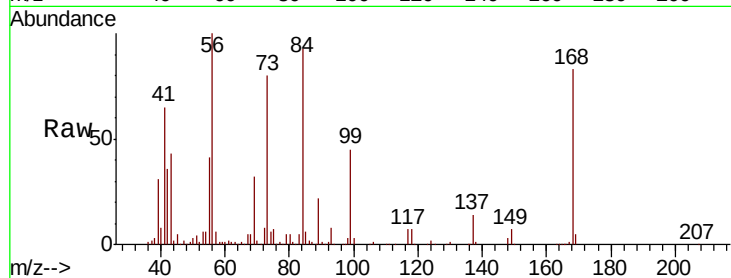
99 54.7 37.8 56.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 107.698 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000222.D

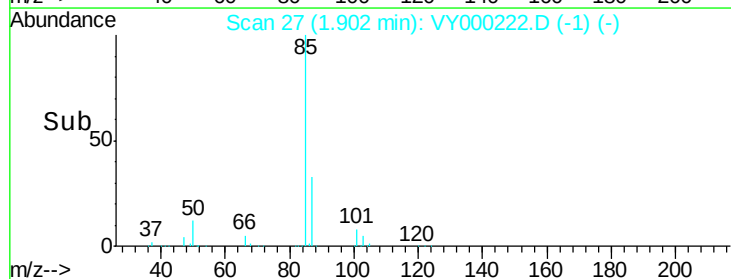
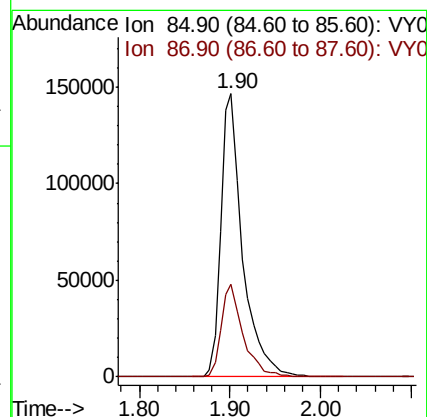
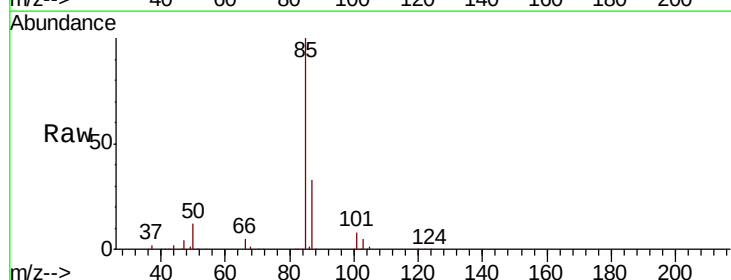
Acq: 08 Oct 2019 14:06

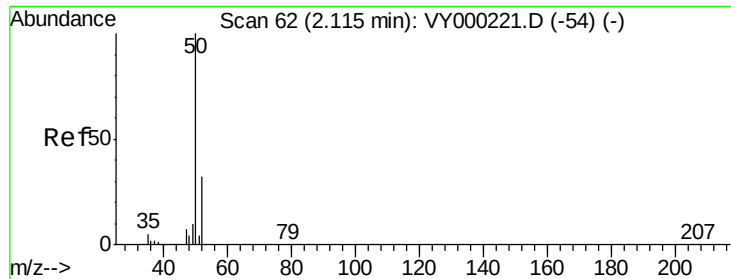
Tgt Ion: 85 Resp: 244295

Ion Ratio Lower Upper

85 100

87 32.5 15.3 45.8





#3

Chloromethane

Concen: 112.523 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 310052

Ion Ratio Lower Upper

50 100

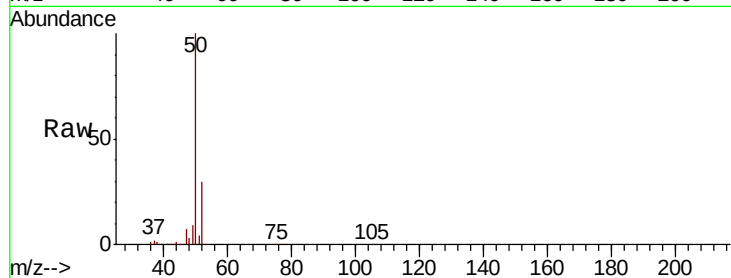
52 30.5 26.8 40.2

Manual Integrations

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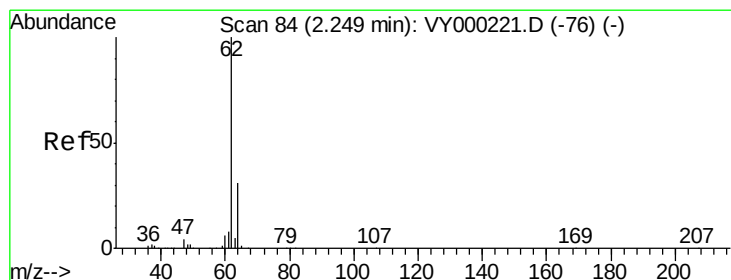
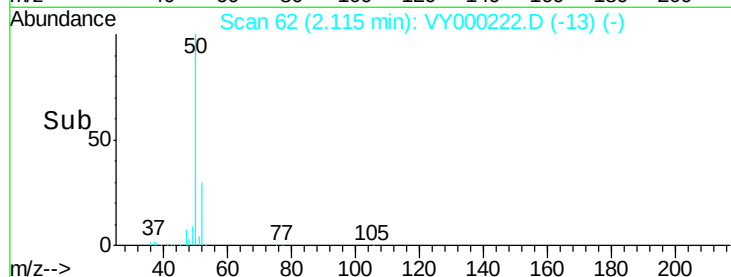
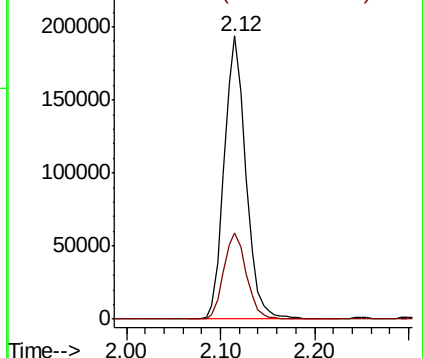
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 110.569 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000222.D

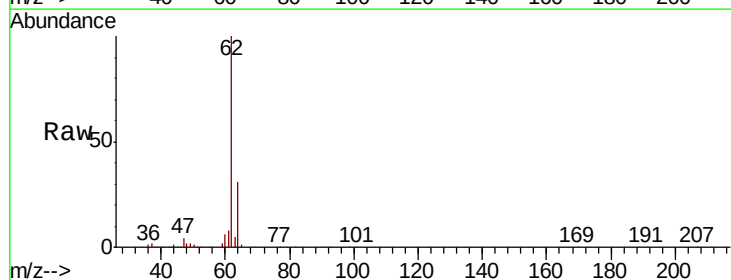
Acq: 08 Oct 2019 14:06

Tgt Ion: 62 Resp: 330920

Ion Ratio Lower Upper

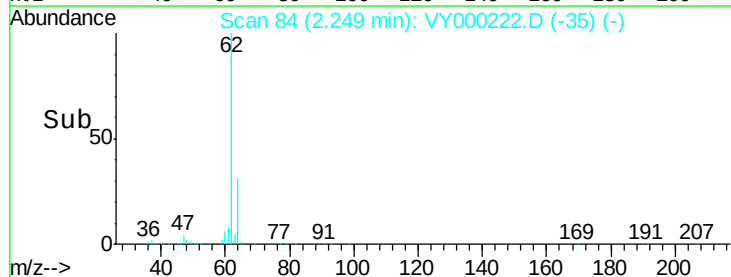
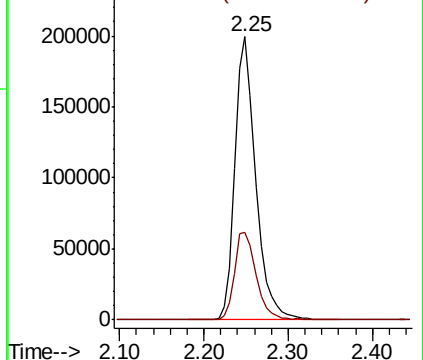
62 100

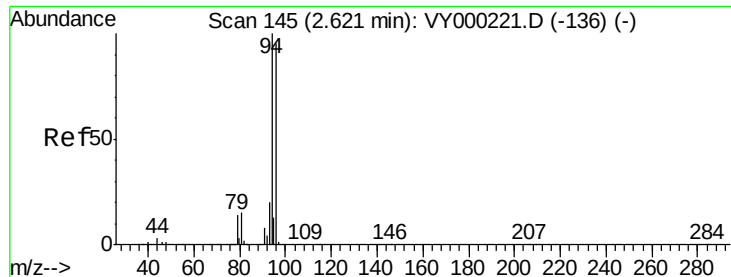
64 30.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 84.343 ug/l

RT: 2.61 min Scan# 144

Delta R.T. -0.03 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 203011

Ion Ratio Lower Upper

94 100

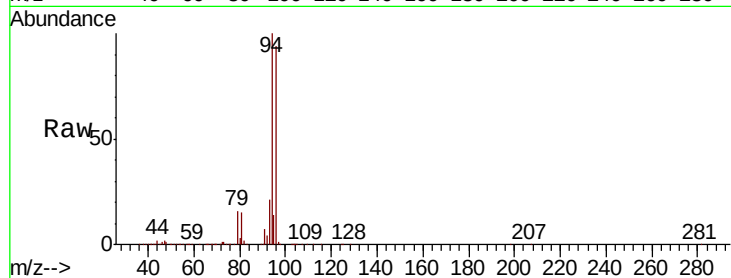
96 93.7 71.2 106.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.61

120000

100000

80000

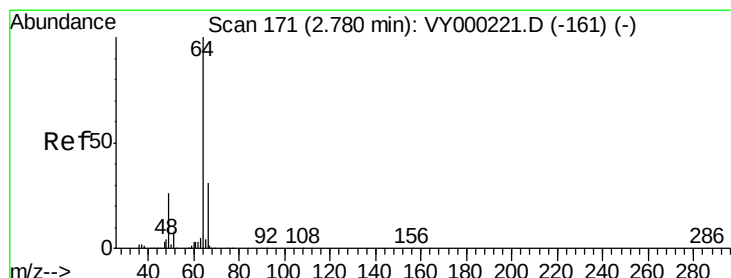
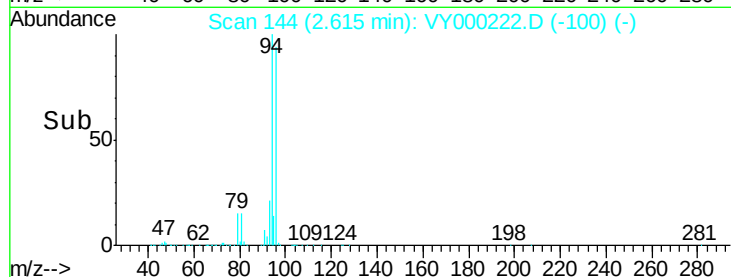
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 109.035 ug/l

RT: 2.77 min Scan# 170

Delta R.T. -0.02 min

Lab File: VY000222.D

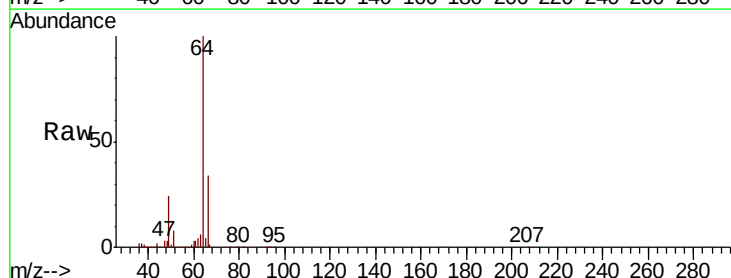
Acq: 08 Oct 2019 14:06

Tgt Ion: 64 Resp: 209643

Ion Ratio Lower Upper

64 100

66 34.2 28.6 42.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.77

100000

80000

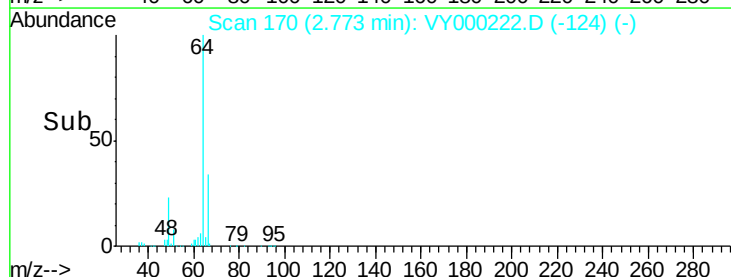
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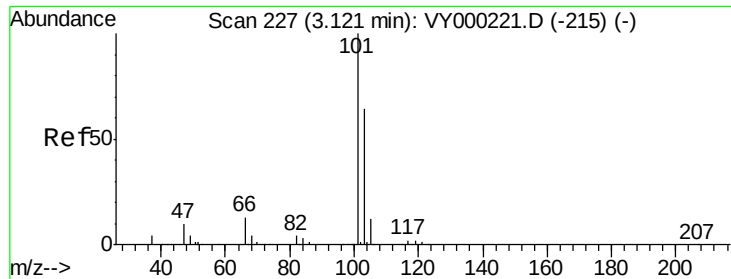
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20000

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Time-->





#7

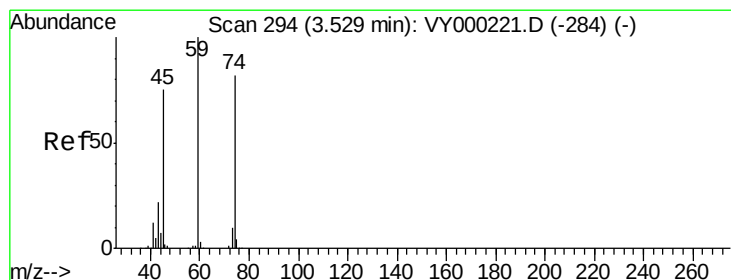
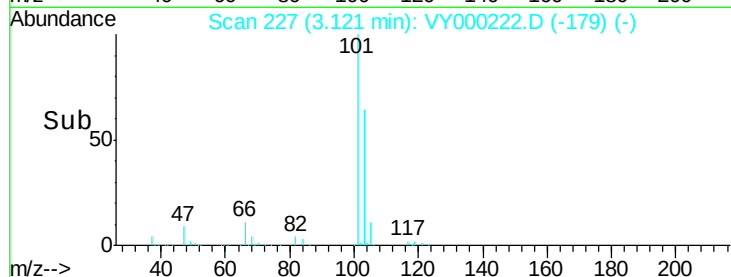
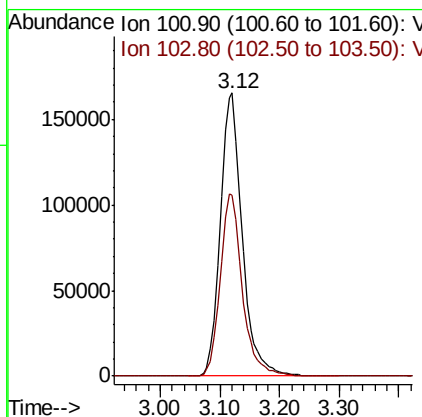
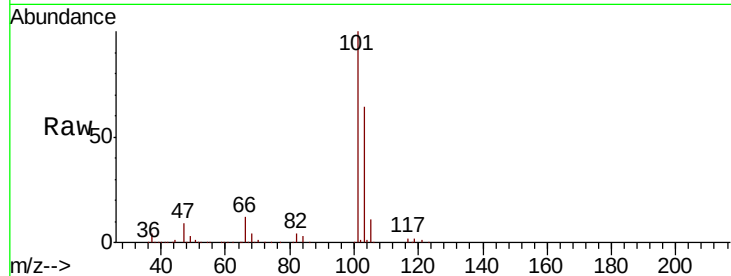
Trichlorofluoromethane
 Concen: 100.367 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
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 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
101	100	423395		
103	63.8	48.3	72.5	

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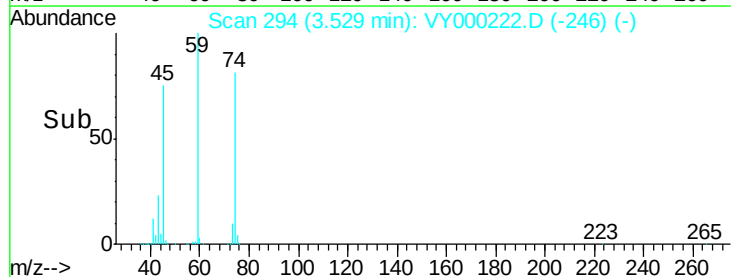
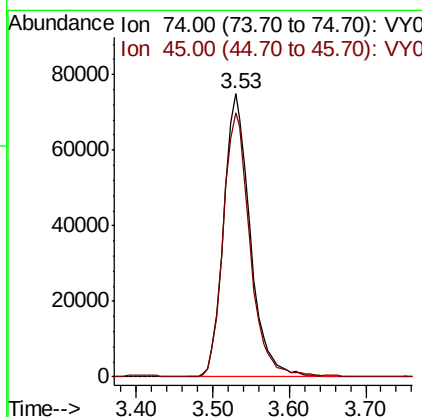
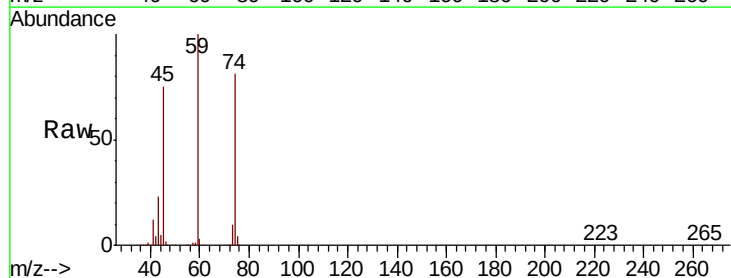
MMDadoda
 10/10/2019 12:52:22 AM

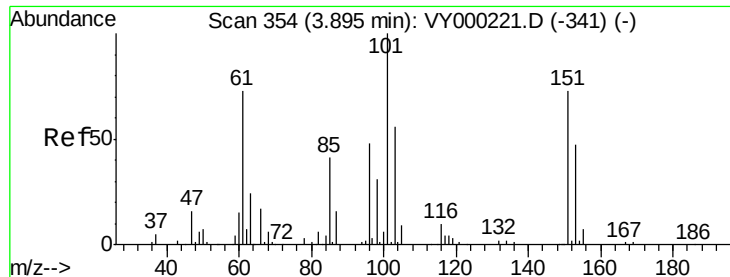


#8

Diethyl Ether
 Concen: 109.653 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	179641		
45	93.9	40.6	121.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.003 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

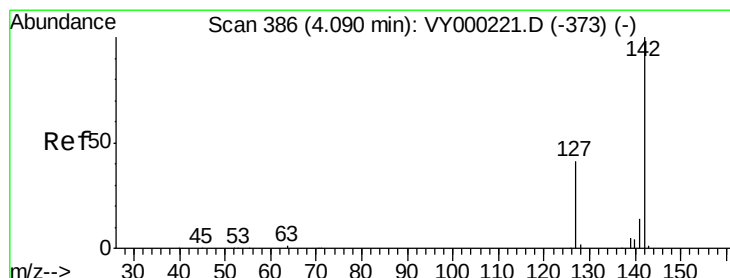
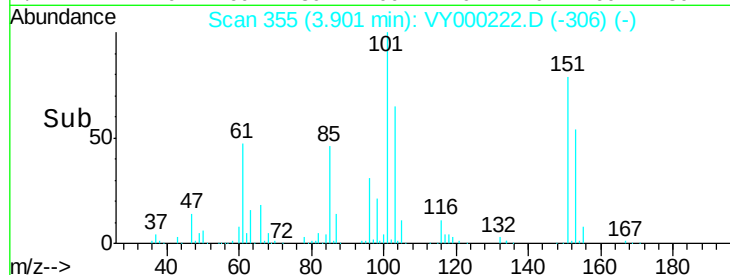
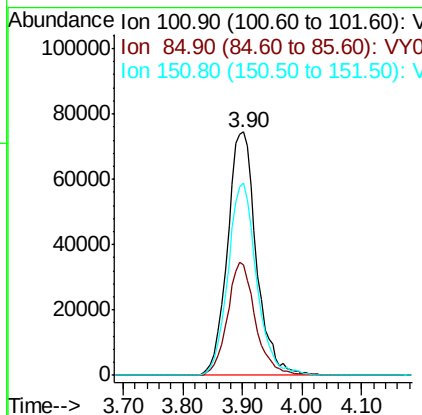
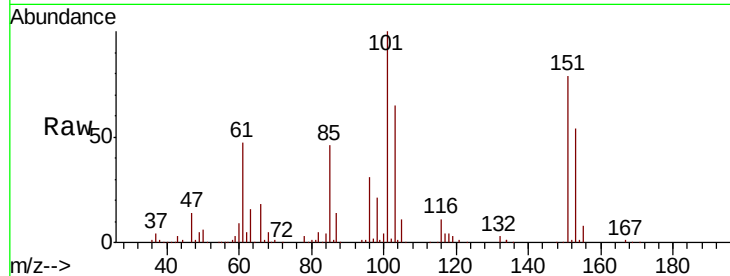
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	250856
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.6	52.0
151	78.4	69.2	103.8

Manual Integrations
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#10

Methyl Iodide

Concen: 120.680 ug/l

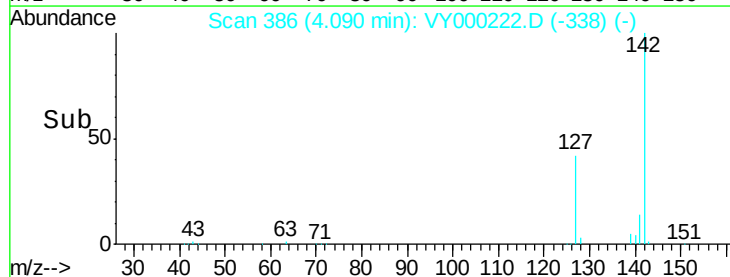
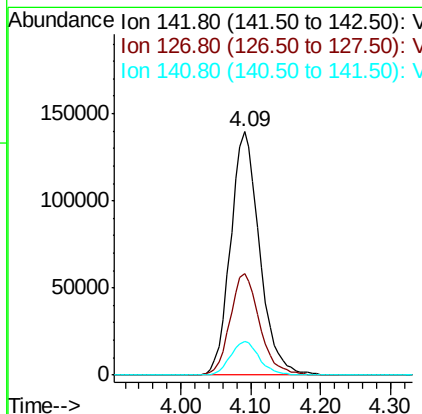
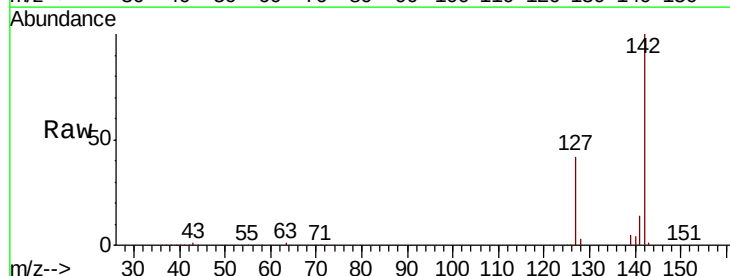
RT: 4.09 min Scan# 386

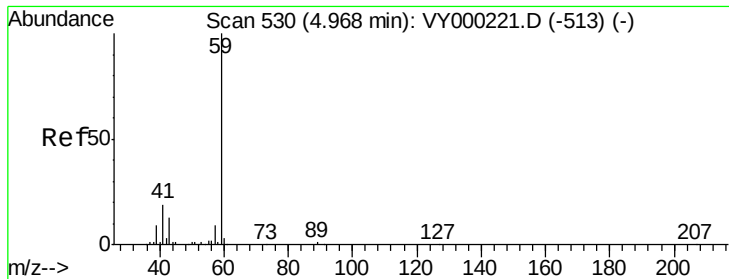
Delta R.T. -0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	142	Resp:	402475
Ion Ratio	Lower	Upper	
142	100		
127	42.3	30.8	46.2
141	13.9	11.2	16.8





#11

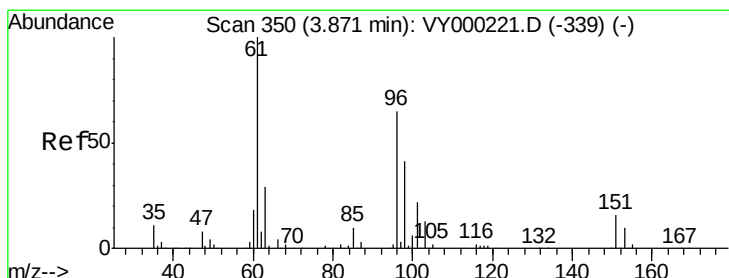
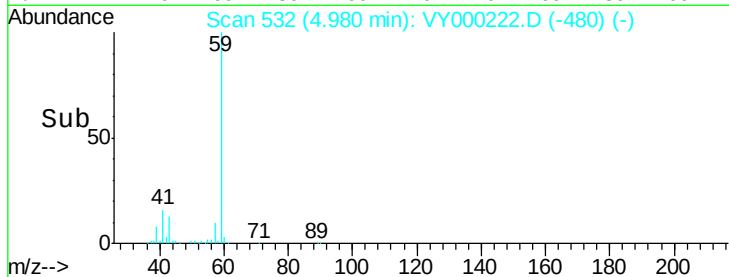
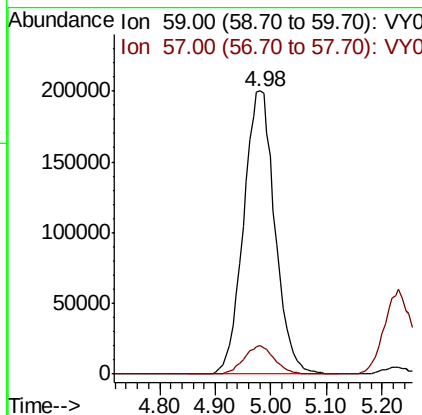
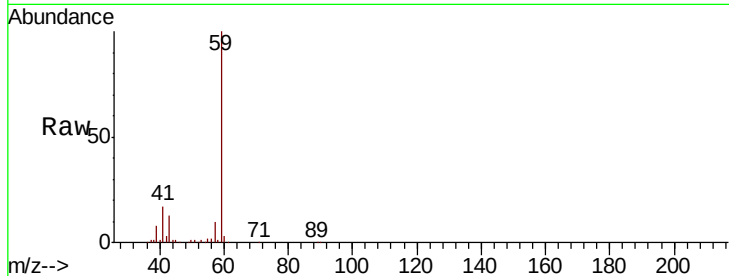
Tert butyl alcohol
Concen: 545.423 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.02 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
59	100	783557		
57	9.8		7.8	11.6

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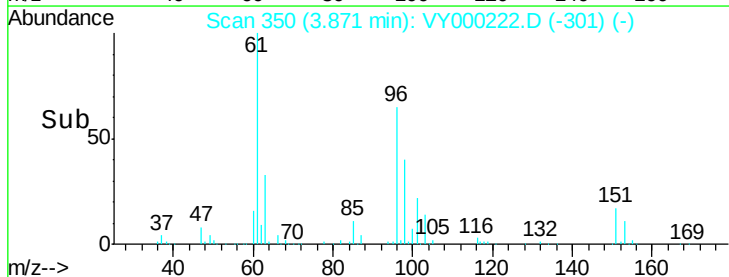
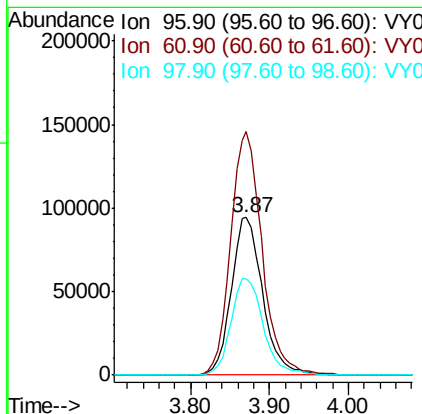
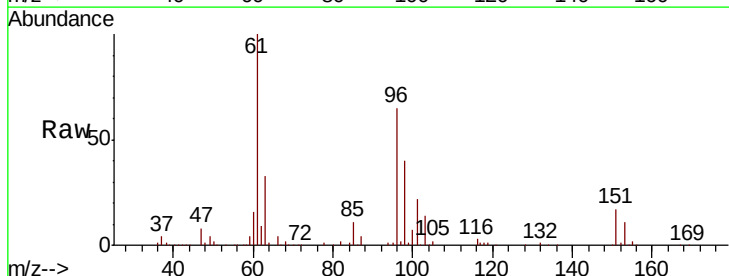
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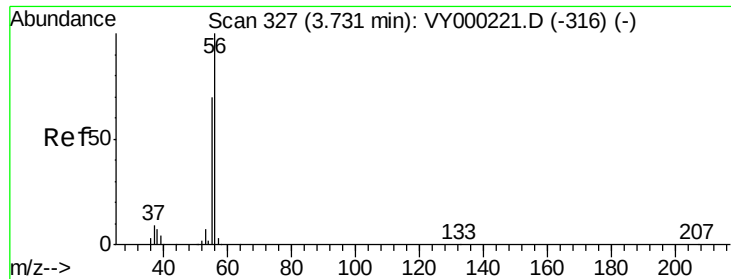


#12

1,1-Dichloroethene
Concen: 102.741 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	261560		
61	154.3		105.1	157.7
98	61.4		46.9	70.3





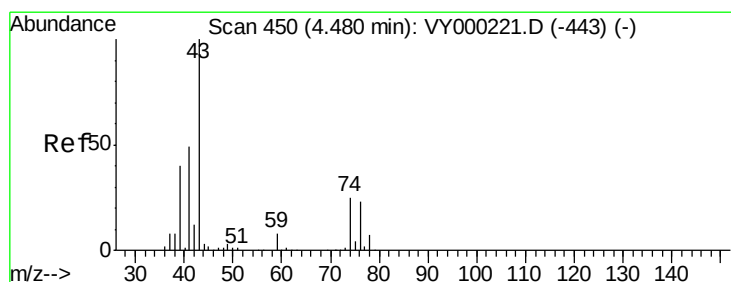
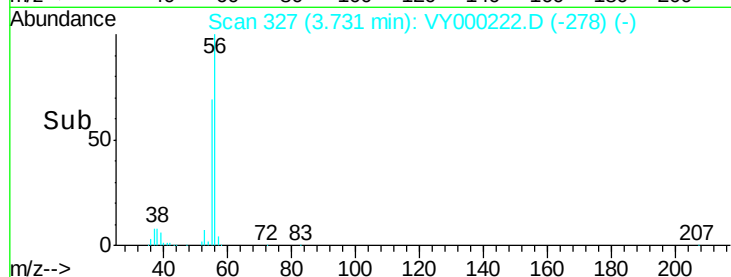
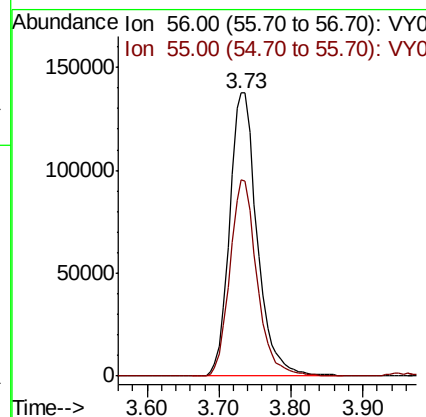
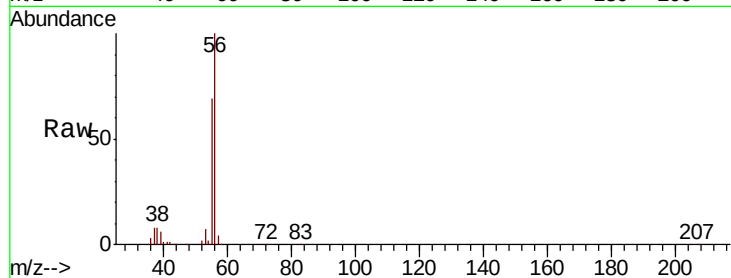
#13
Acrolein
Concen: 651.297 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.1	56.3	84.5

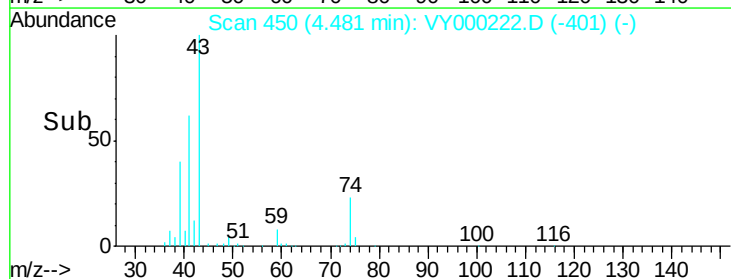
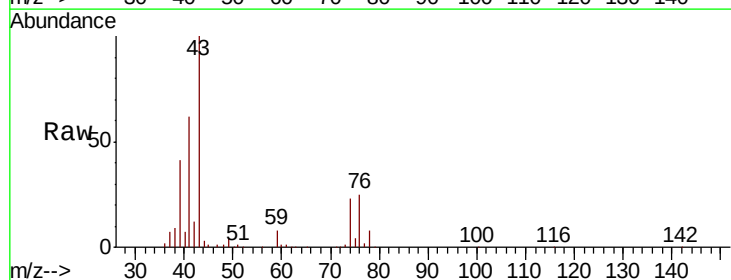
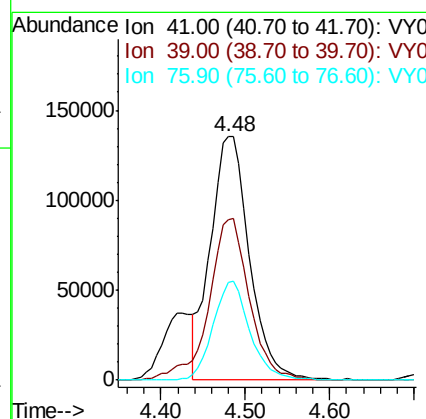
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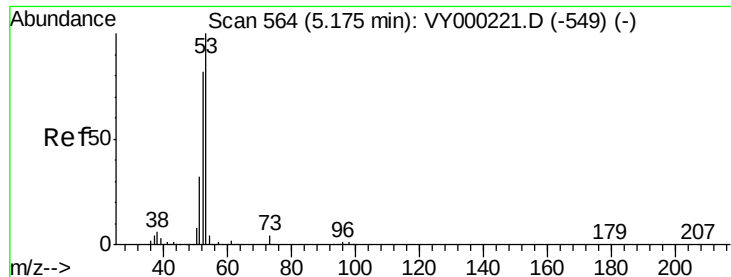
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#14
Allyl chloride
Concen: 114.053 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.2	62.2	93.2
76	38.4	36.5	54.7





#15

Acrylonitrile

Concen: 618.254 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 53 Resp: 1458053

Ion Ratio Lower Upper

53 100

52 80.8 64.6 97.0

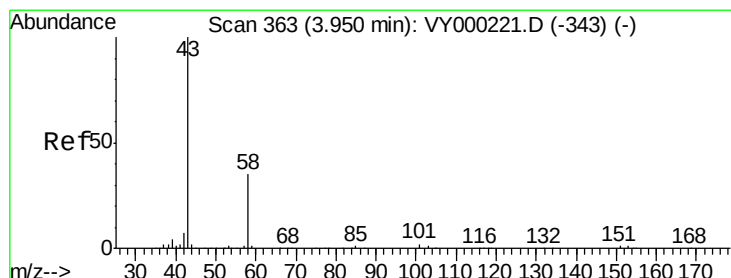
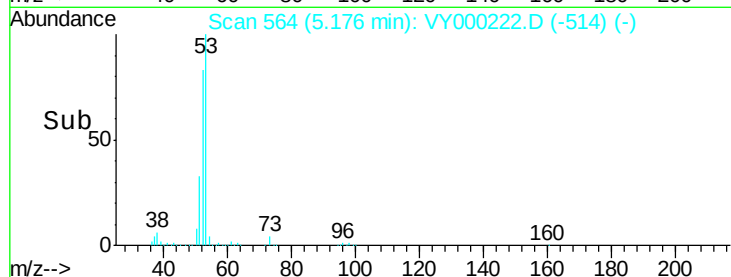
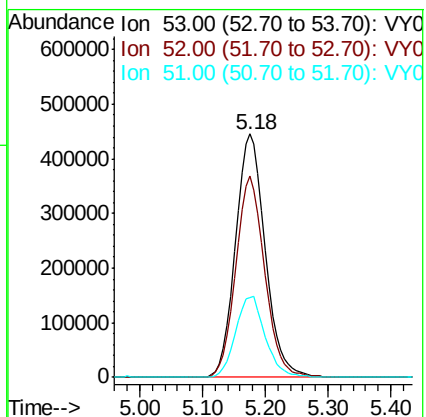
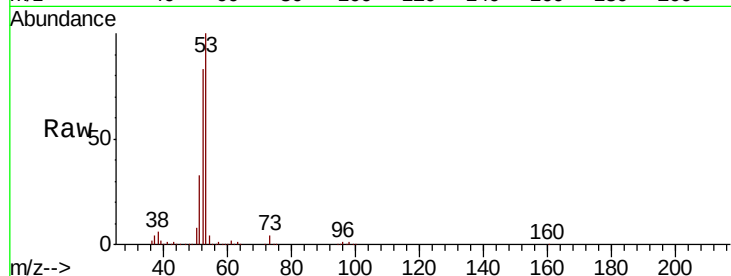
51 33.7 27.3 40.9

Manual Integrations

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#16

Acetone

Concen: 637.381 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000222.D

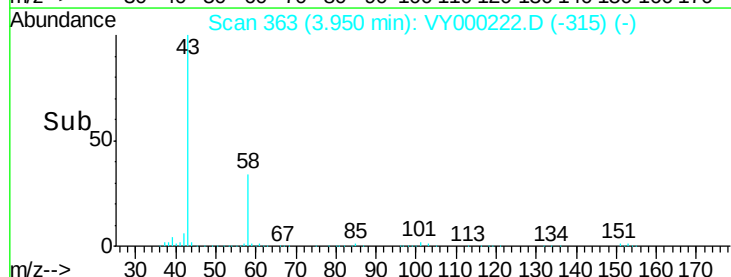
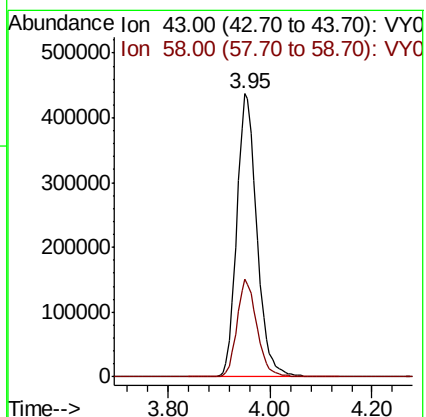
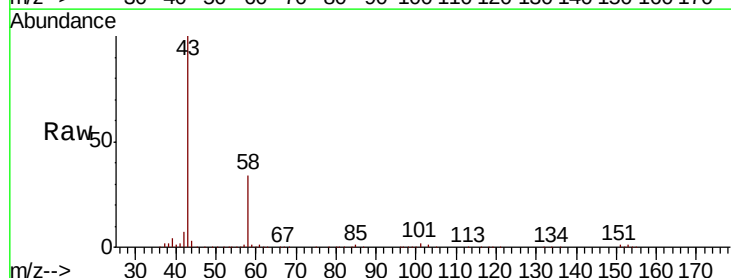
Acq: 08 Oct 2019 14:06

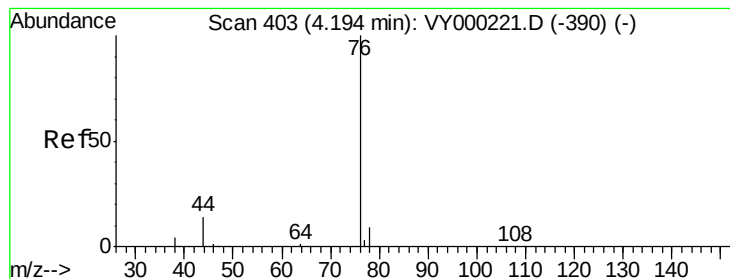
Tgt Ion: 43 Resp: 1200293

Ion Ratio Lower Upper

43 100

58 34.4 28.2 42.2





#17

Carbon Disulfide

Concen: 111.396 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 778104

Ion Ratio Lower Upper

76 100

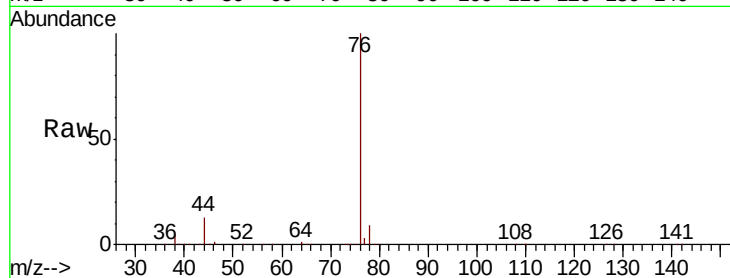
78 9.2 7.4 11.2

Manual Integrations

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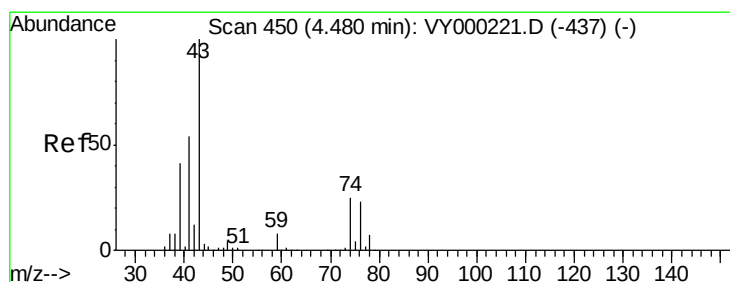
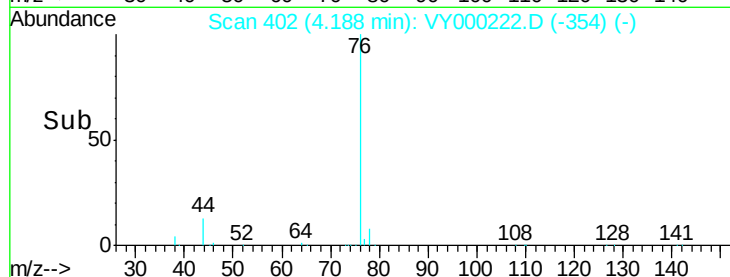
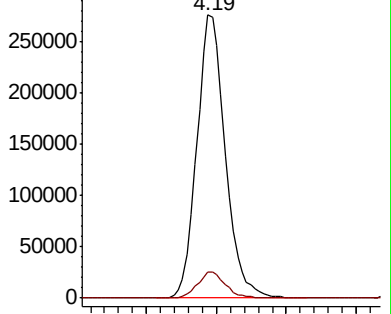
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 127.664 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000222.D

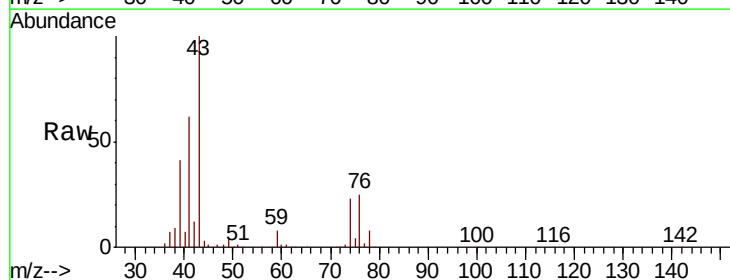
Acq: 08 Oct 2019 14:06

Tgt Ion: 43 Resp: 657255

Ion Ratio Lower Upper

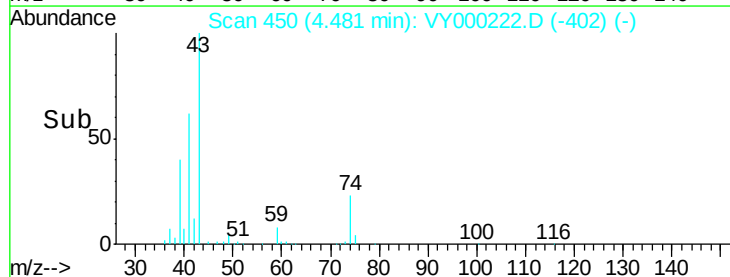
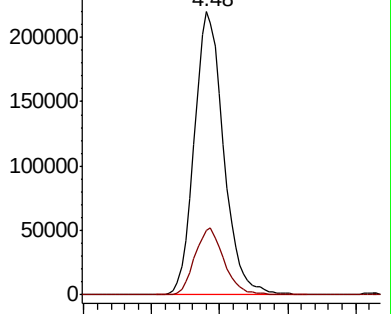
43 100

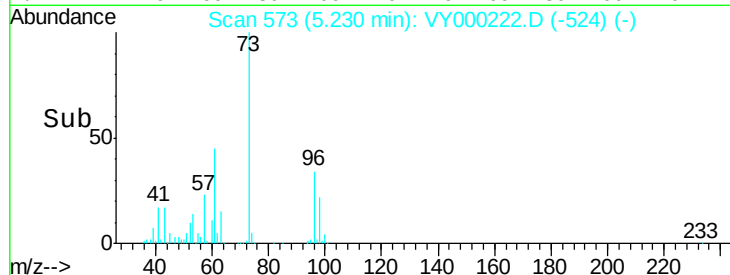
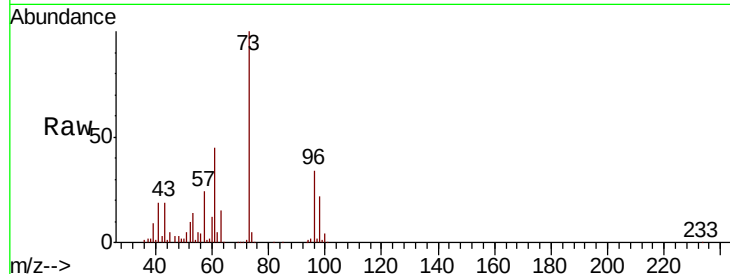
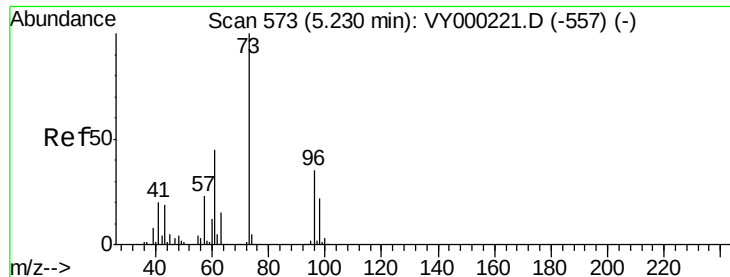
74 23.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





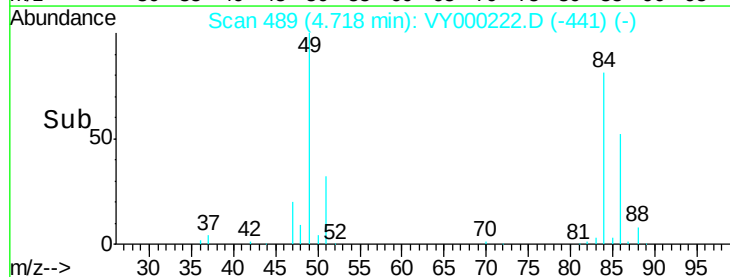
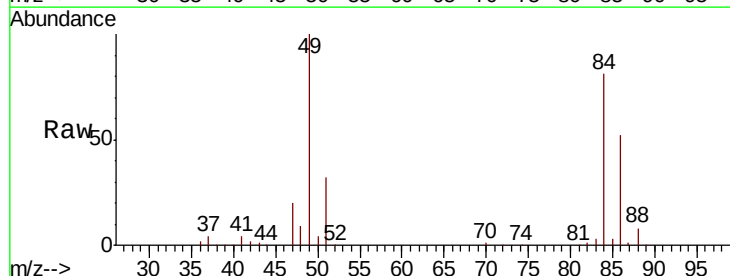
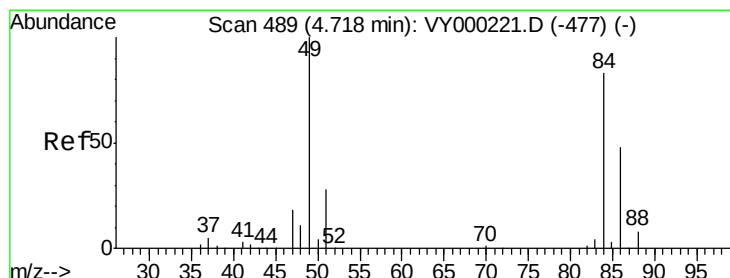
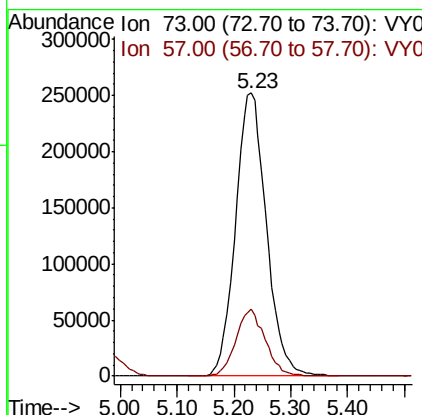
#19
Methyl tert-butyl Ether
Concen: 116.301 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tot Ion: 73 Resp: 954804
Ion Ratio Lower Upper
73 100
57 23.9 16.3 24.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

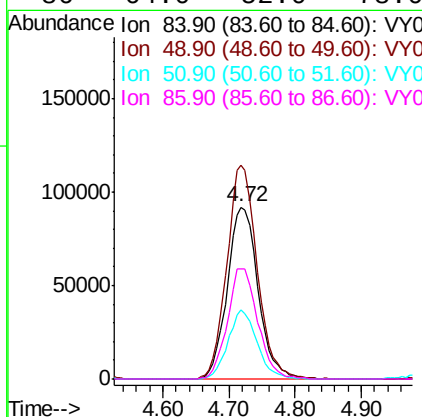
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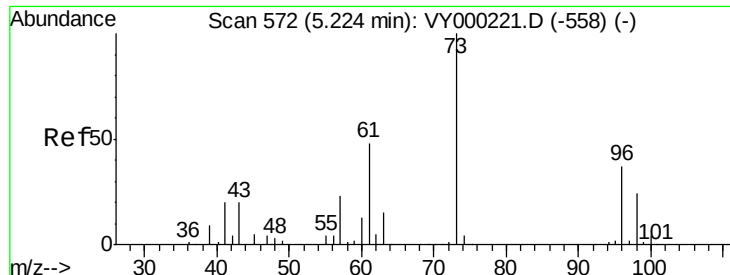
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#20
Methylene Chloride
Concen: 101.788 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion: 84 Resp: 297105
Ion Ratio Lower Upper
84 100
49 124.2 86.2 129.2
51 40.0 25.3 37.9#
86 64.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 109.684 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 96 Resp: 290346

Ion Ratio Lower Upper

96 100

61 135.2 96.1 144.1

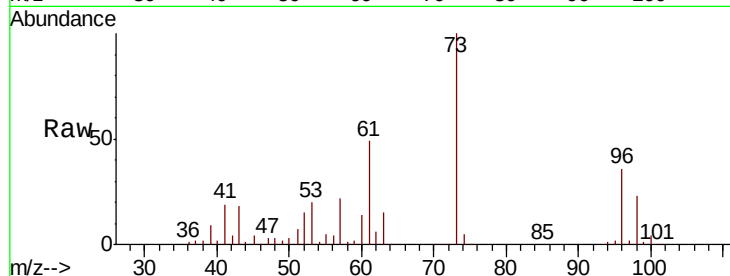
98 64.5 50.3 75.5

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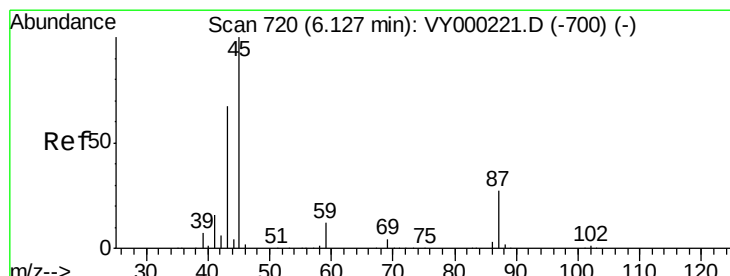
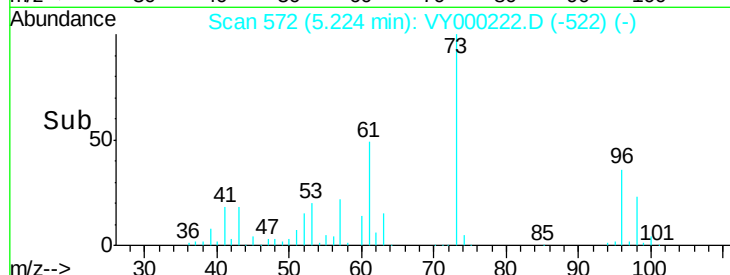
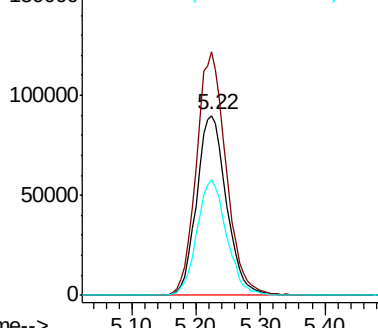


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 138.959 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion: 45 Resp: 1048764

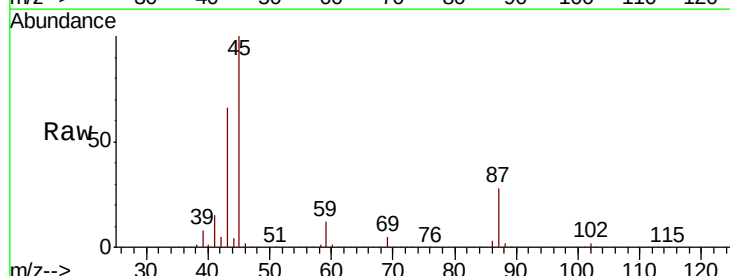
Ion Ratio Lower Upper

45 100

43 65.9 51.5 77.3

87 28.3 27.0 40.4

59 11.5 9.4 14.2



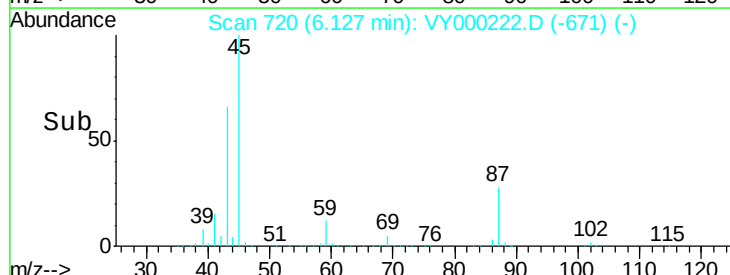
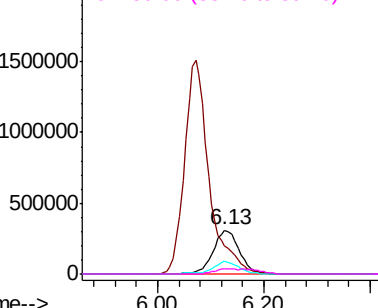
Abundance

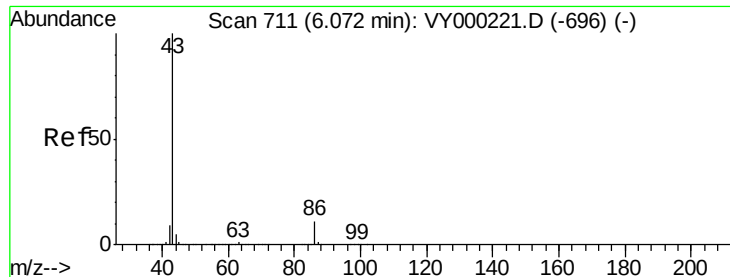
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 690.701 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 4856694

Ion Ratio Lower Upper

43 100

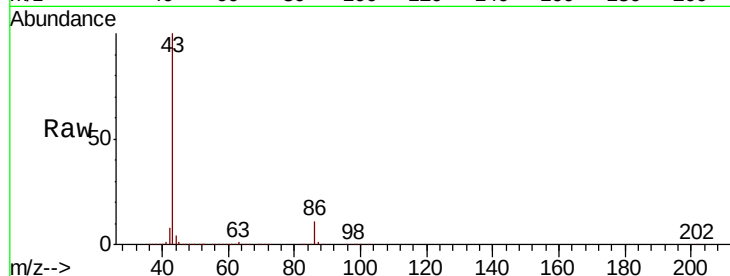
86 10.7 10.7 16.1#

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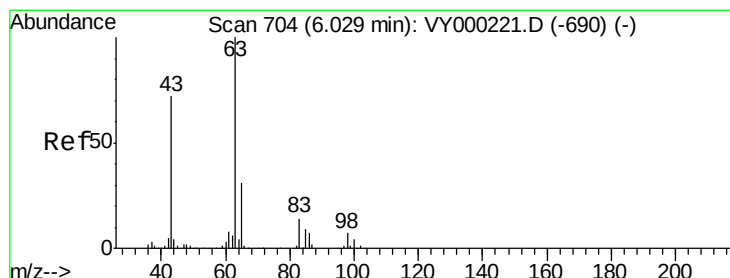
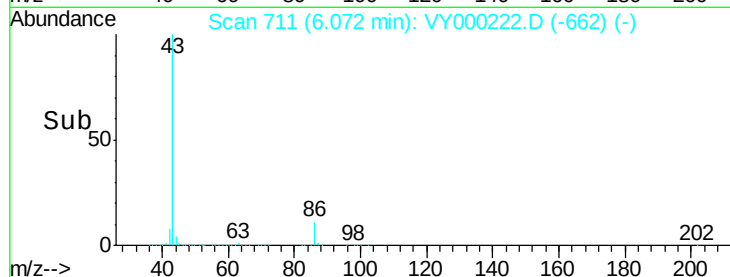
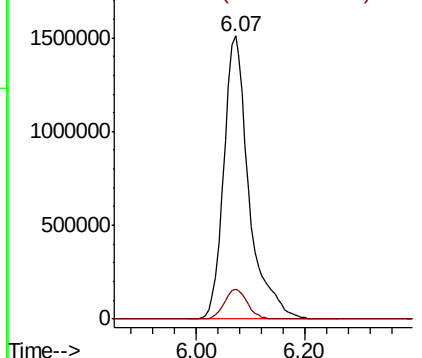
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 119.572 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

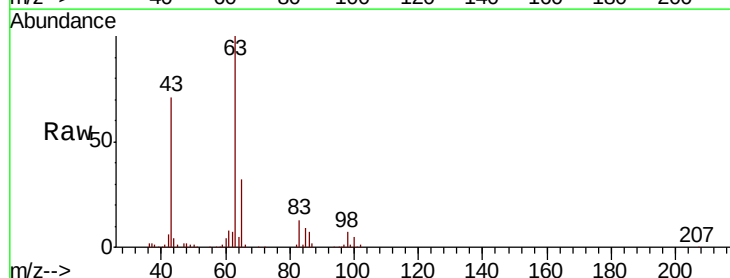
Tgt Ion: 63 Resp: 513522

Ion Ratio Lower Upper

63 100

98 7.4 4.8 14.4

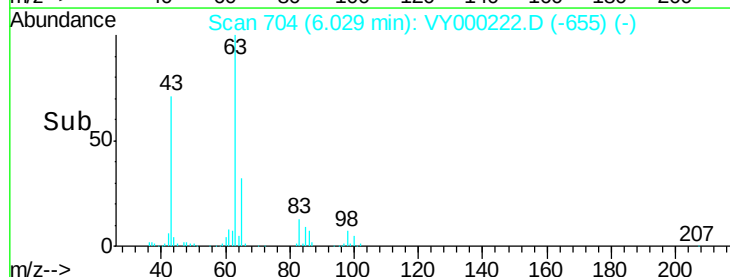
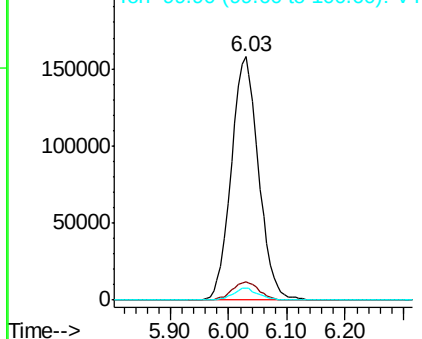
100 5.0 2.9 8.8

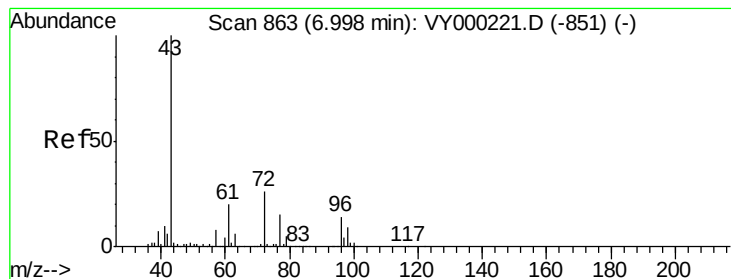


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 680.903 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 2309565

Ion Ratio Lower Upper

43 100

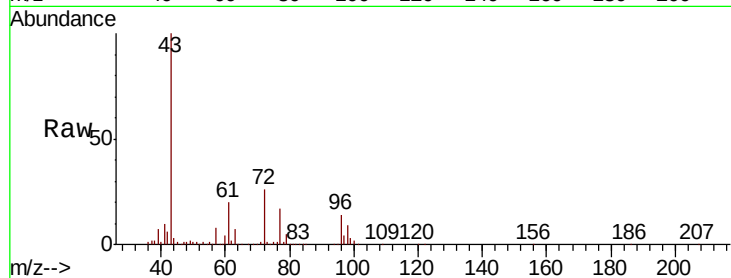
72 25.9 23.1 34.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

800000

600000

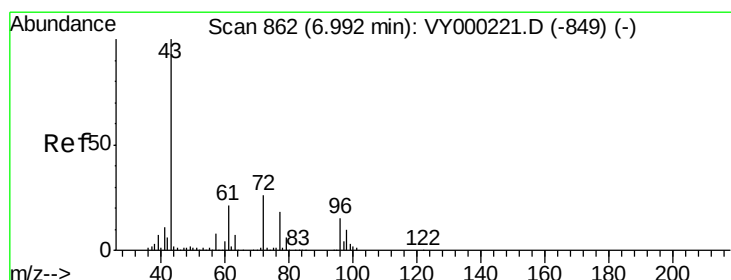
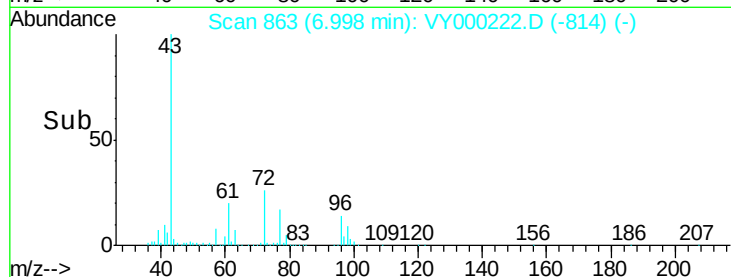
400000

200000

0

Time-->

6.90 7.00 7.10



#26

2,2-Dichloropropane

Concen: 106.362 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000222.D

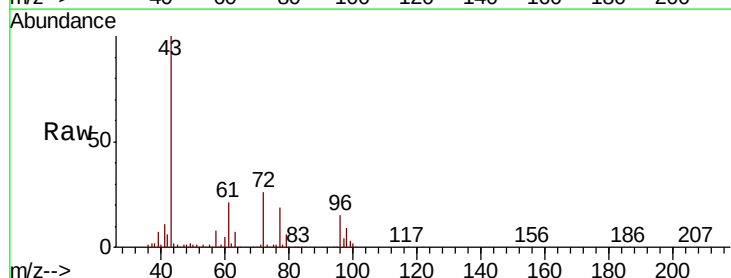
Acq: 08 Oct 2019 14:06

Tgt Ion: 77 Resp: 450706

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

150000

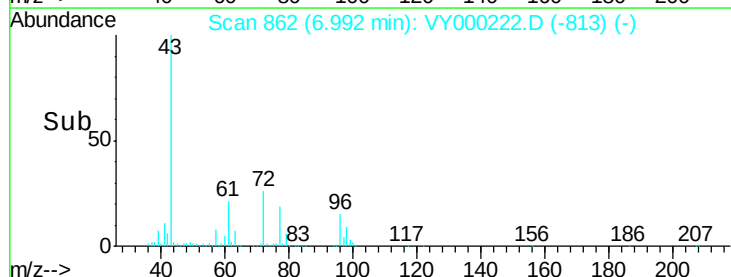
100000

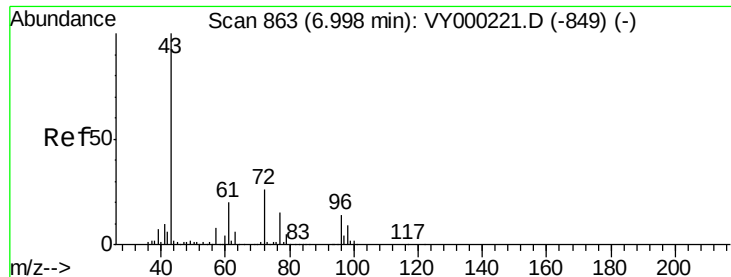
50000

0

Time-->

6.80 6.90 7.00 7.10 7.20





#27

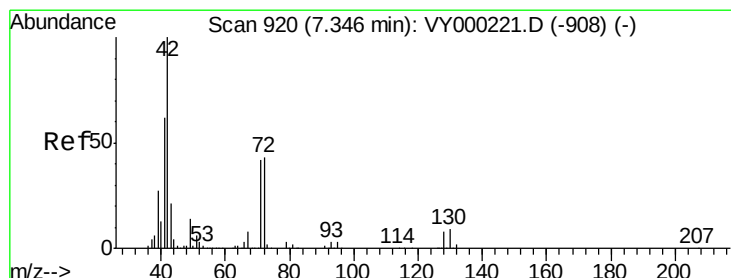
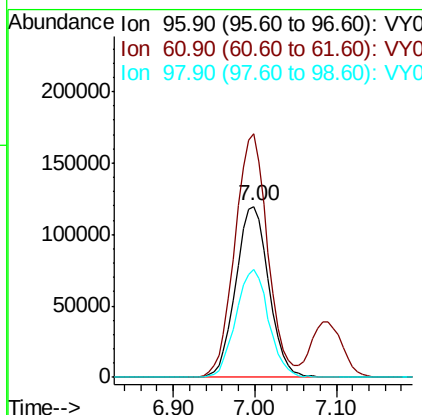
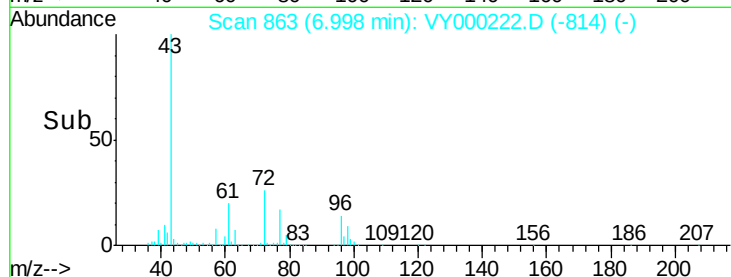
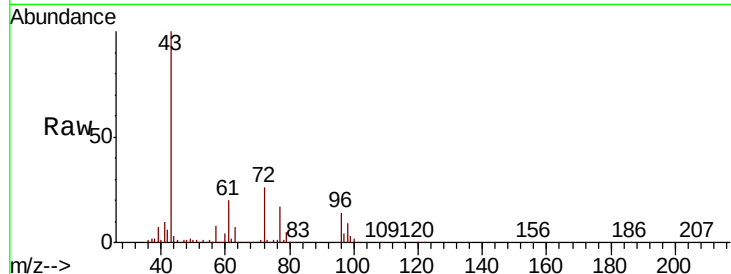
cis-1,2-Dichloroethene
Concen: 106.135 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.1	0.0	244.4	
98	63.0	0.0	129.6	

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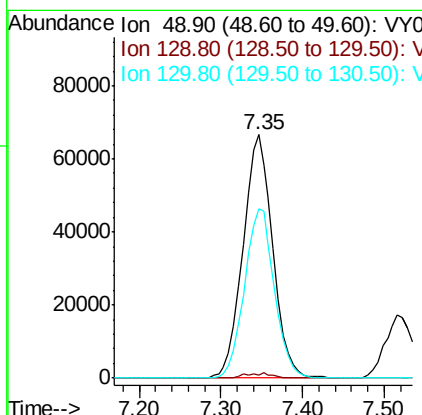
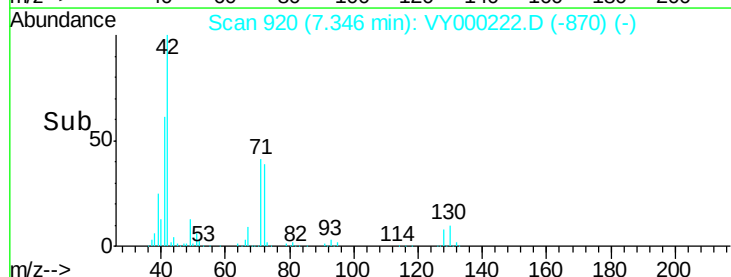
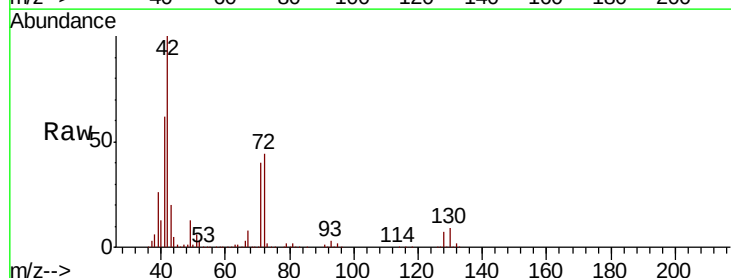
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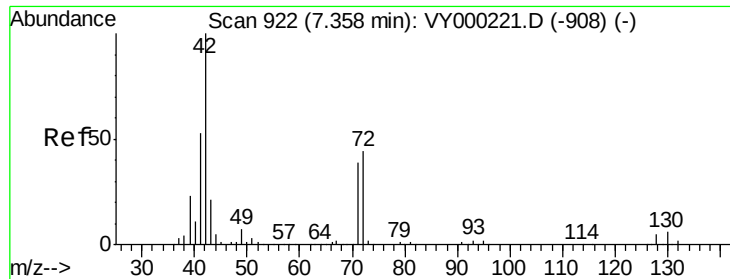


#28

Bromochloromethane
Concen: 137.028 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	2.2	
130	70.4	70.5	105.7#	





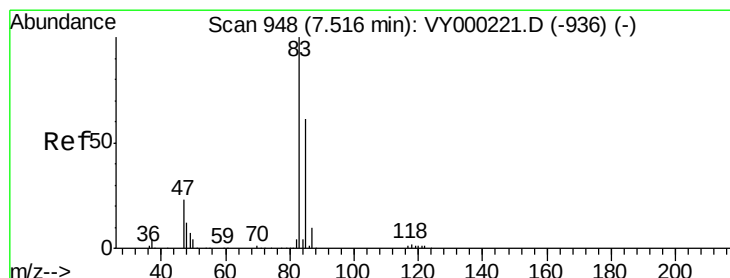
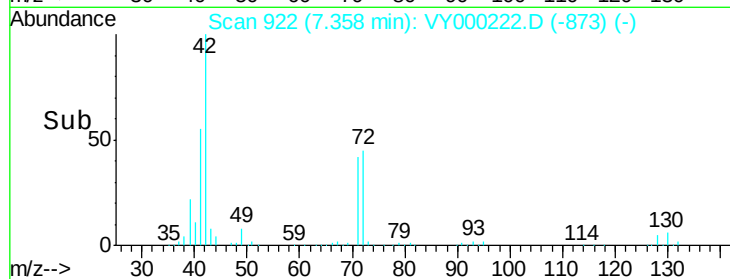
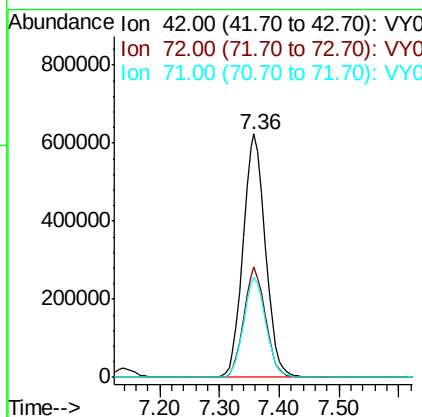
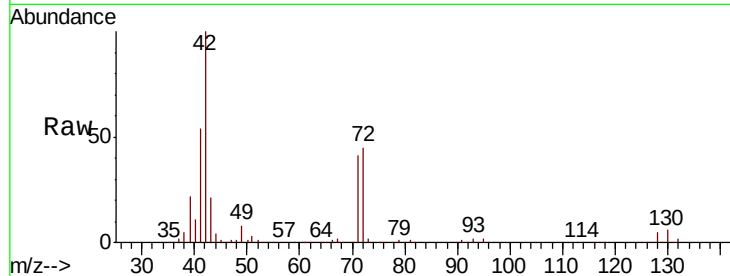
#29
Tetrahydrofuran
Concen: 691.983 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	40.4	60.6
71	40.7	36.6	55.0

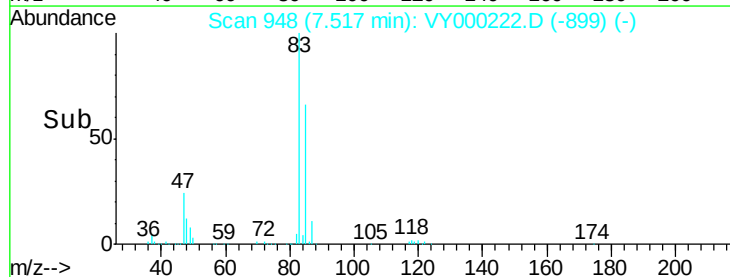
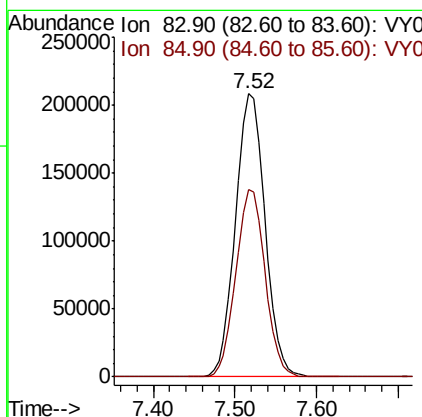
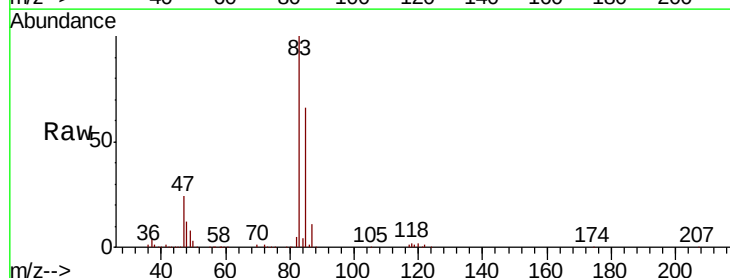
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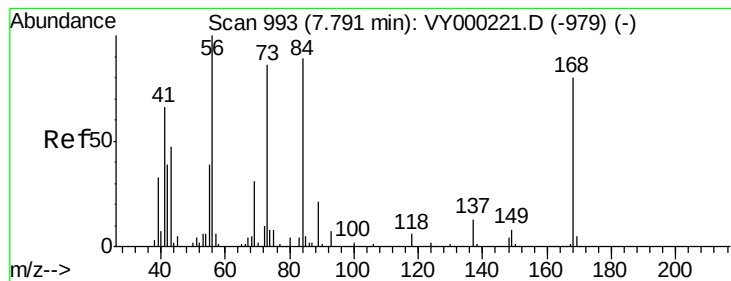
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#30
Chloroform
Concen: 107.967 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.1	78.1





#31

Cyclohexane

Concen: 102.846 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 519627

Ion Ratio Lower Upper

56 100

69 33.0 29.5 44.3

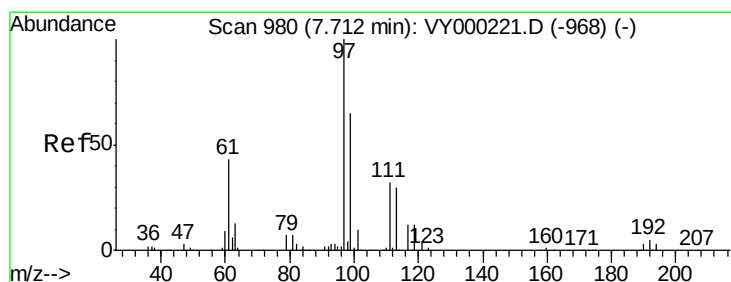
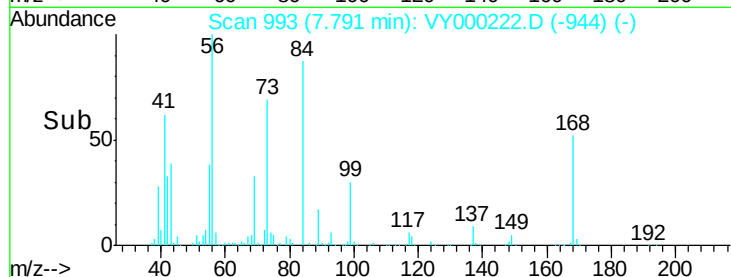
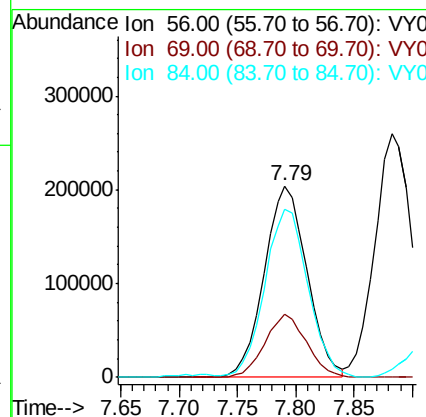
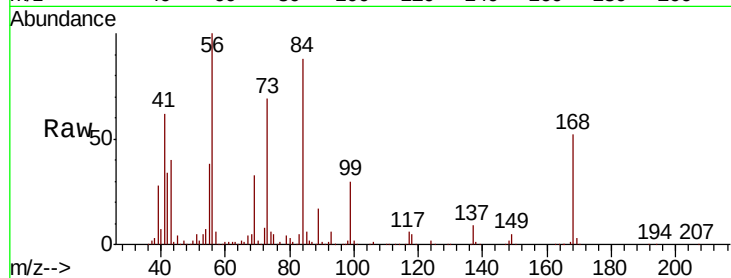
84 86.7 73.4 110.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 108.489 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

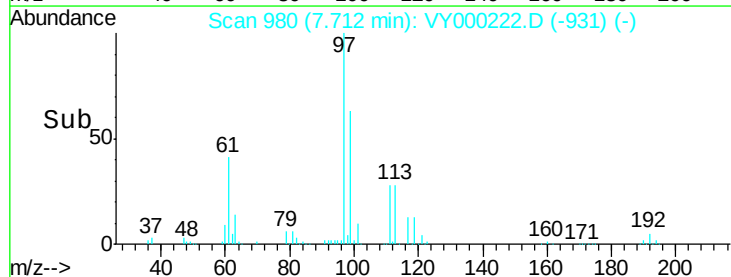
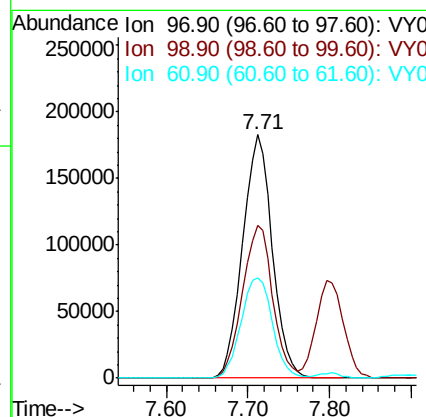
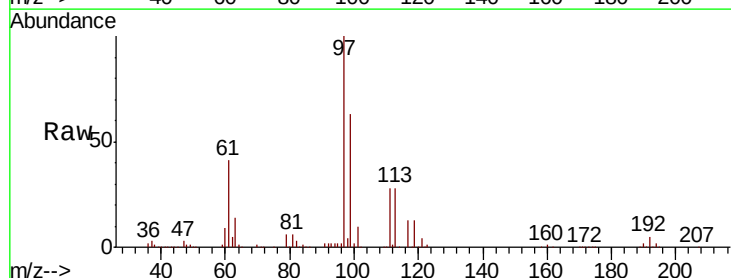
Tgt Ion: 97 Resp: 461290

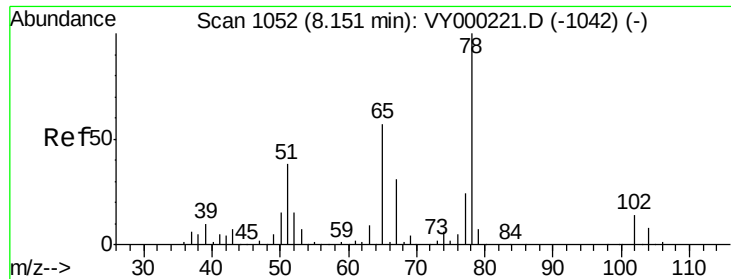
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 43.4 32.5 48.7





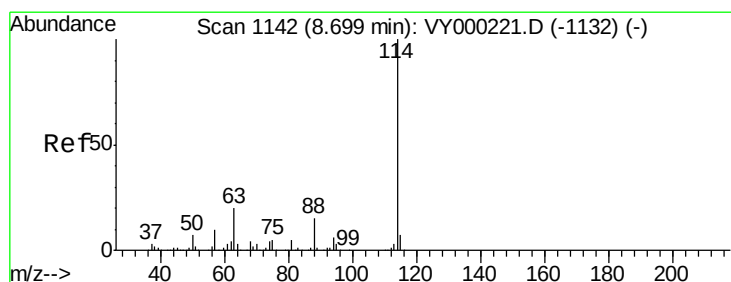
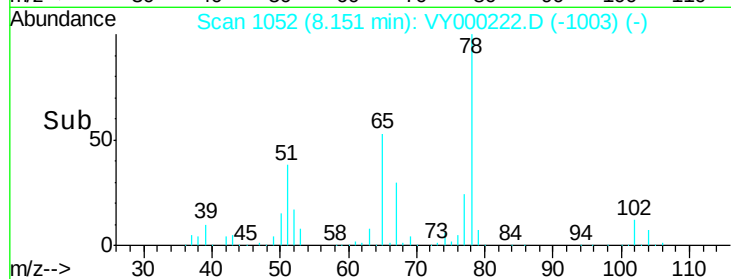
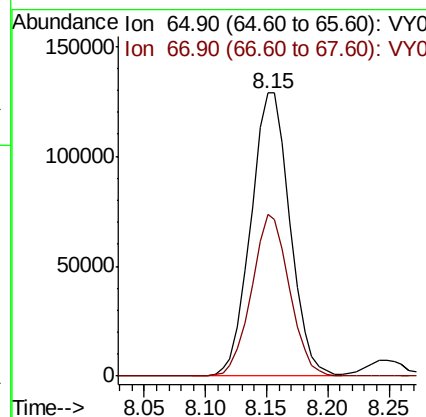
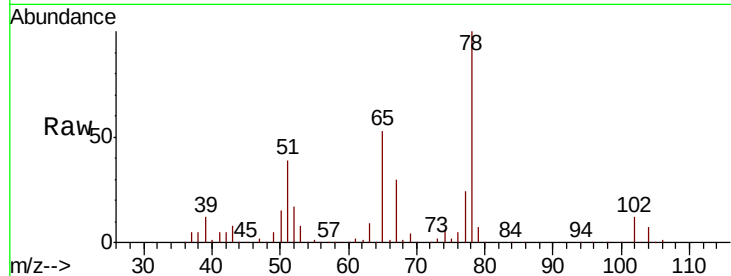
#33
 1,2-Dichloroethane-d4
 Concen: 100.603 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287211		
67	55.0	0.0	107.8	

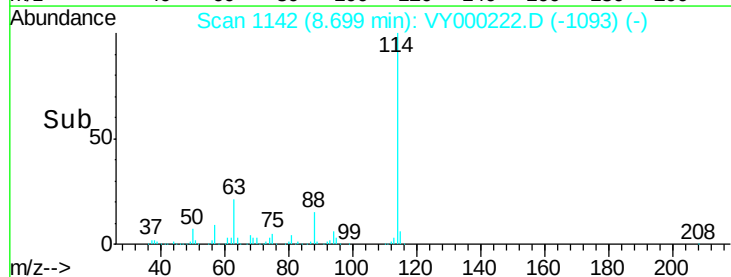
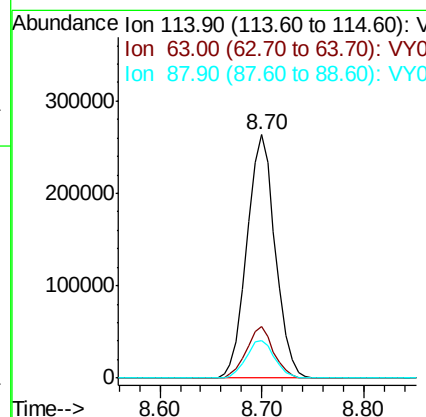
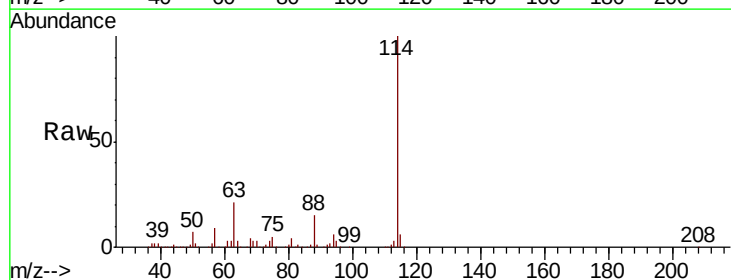
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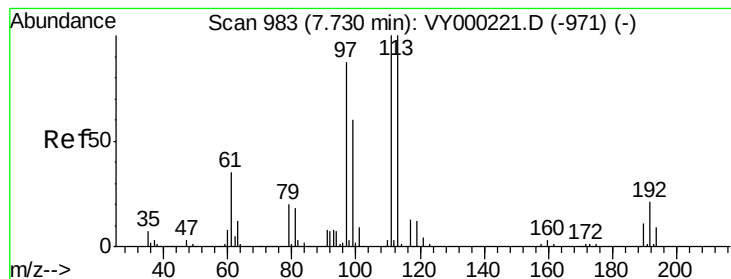
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	507886		
63	21.3	0.0	33.4	
88	15.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 80.223 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

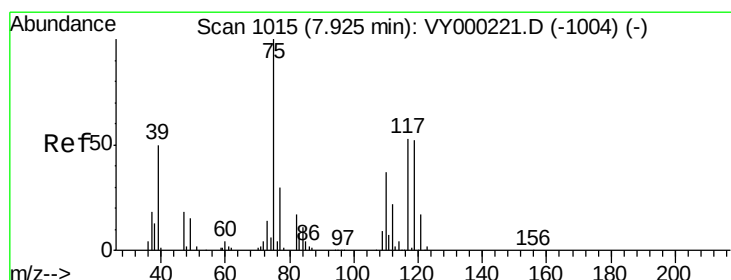
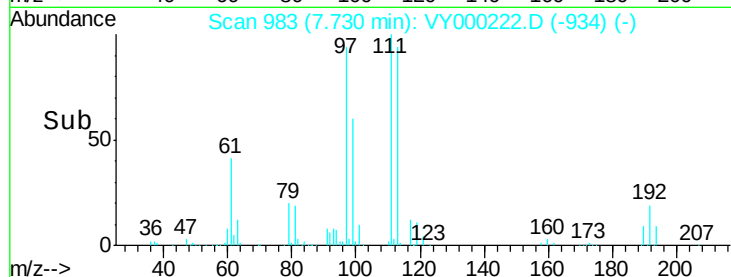
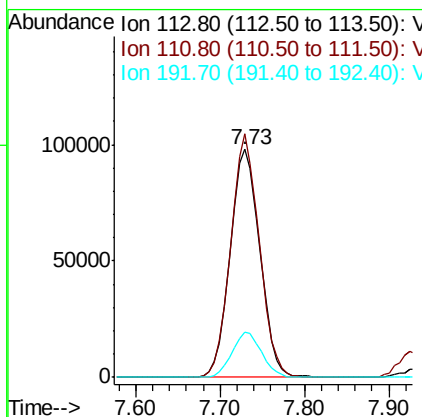
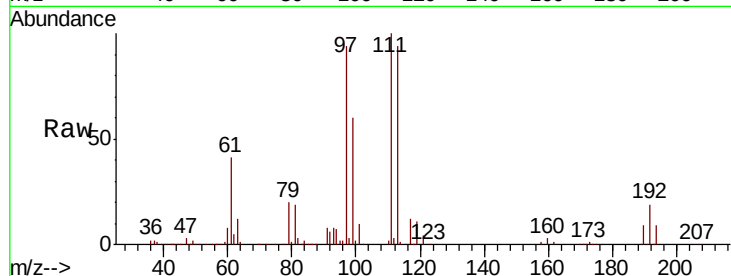
ClientSampleId :

VSTDIC075

Tot Ion:	113	Resp:	233974
Ion Ratio	Lower	Upper	
113	100		
111	102.5	84.0	126.0
192	19.7	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 101.713 ug/l

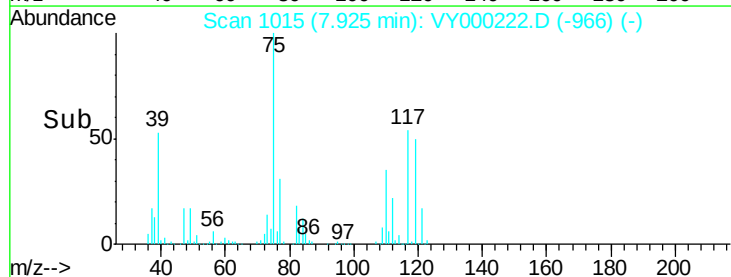
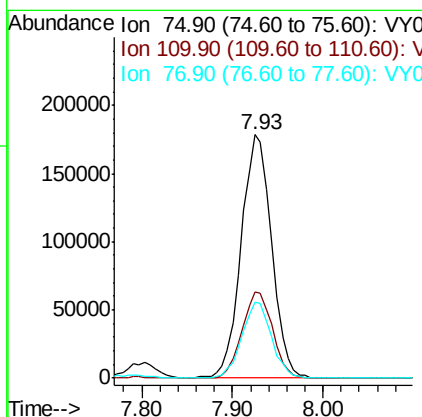
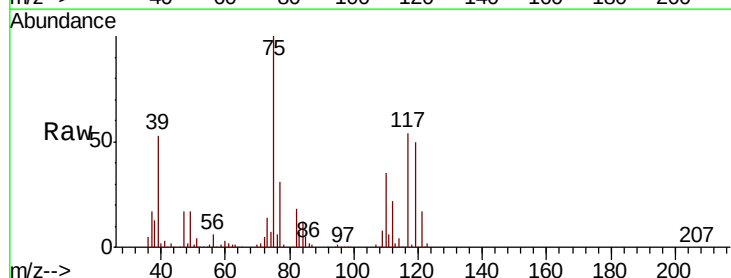
RT: 7.93 min Scan# 1015

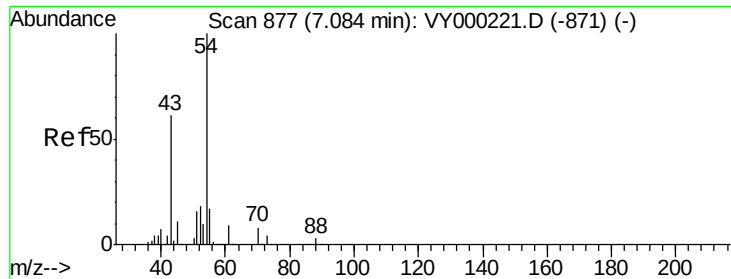
Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	75	Resp:	414328
Ion Ratio	Lower	Upper	
75	100		
110	35.4	20.2	60.5
77	30.6	25.5	38.3





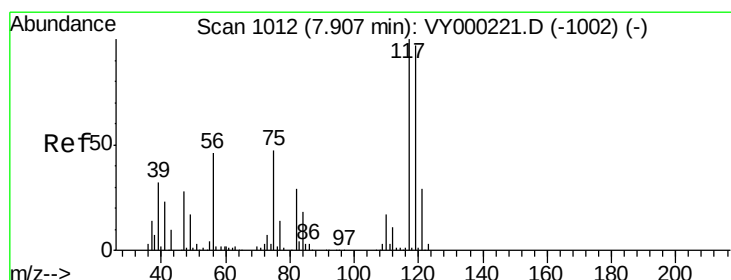
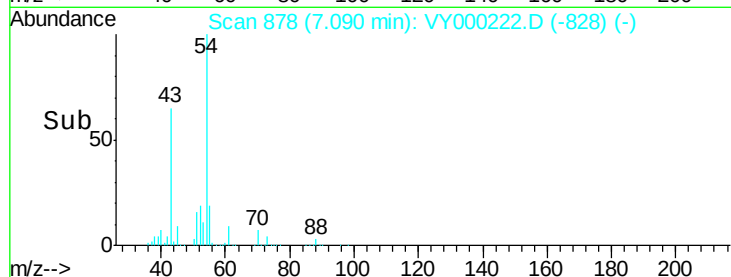
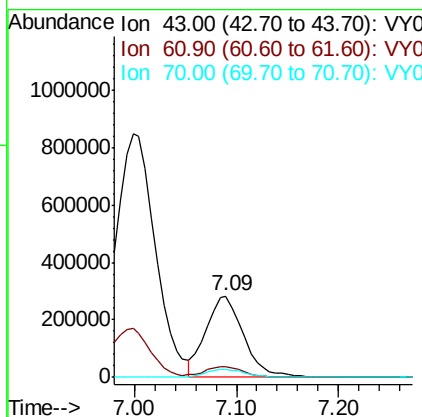
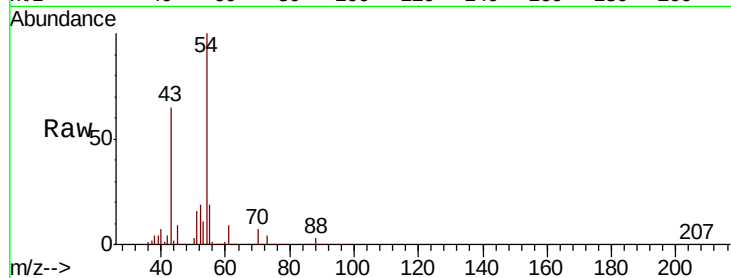
#37
Ethyl Acetate
Concen: 113.890 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.6	17.4
70	10.8	9.5	14.3

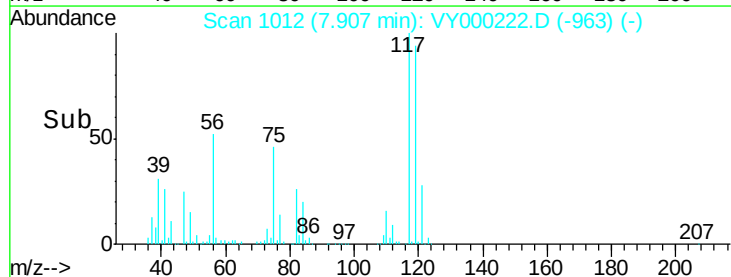
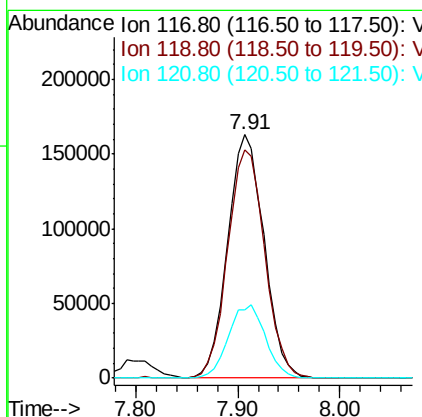
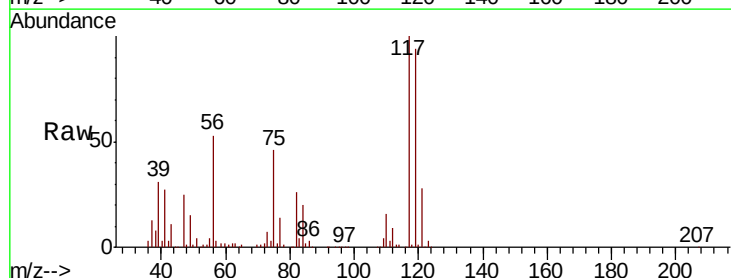
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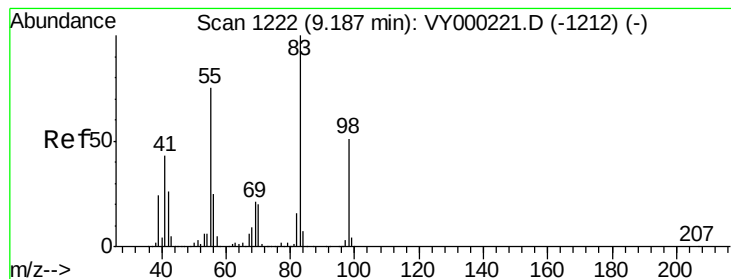
MMDadoda
10/10/2019 12:52:22 AM



#38
Carbon Tetrachloride
Concen: 91.827 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.7	112.1
121	28.1	25.1	37.7





#39

Methylvlcyclohexane

Concen: 97.539 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

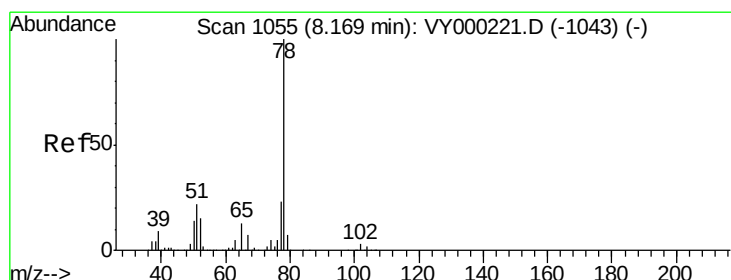
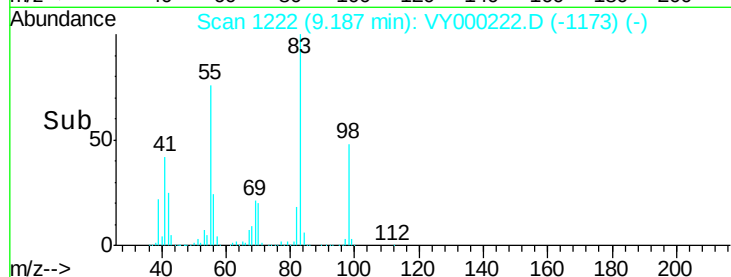
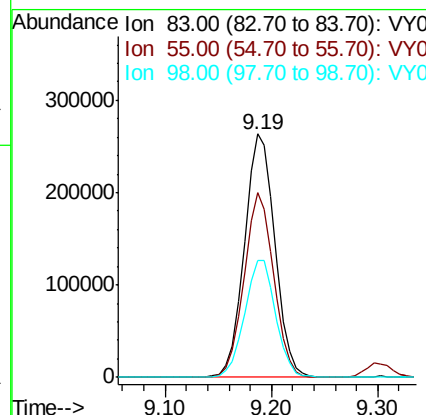
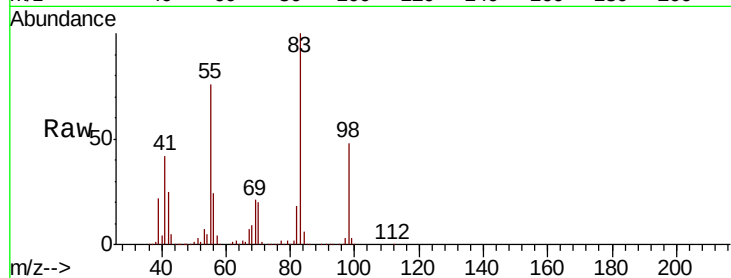
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	528766
Ion	Ratio	Lower	Upper
83	100		
55	76.0	53.3	79.9
98	48.1	43.8	65.8

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#40

Benzene

Concen: 102.007 ug/l

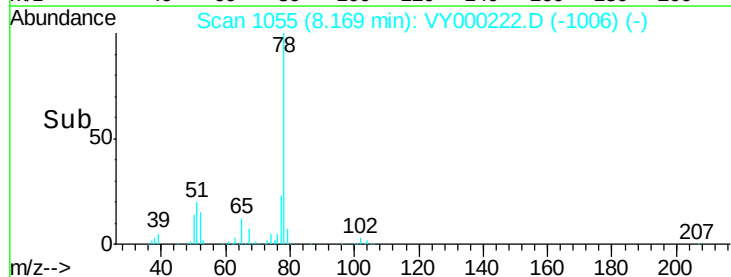
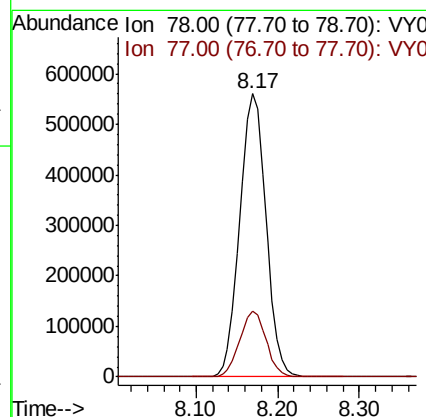
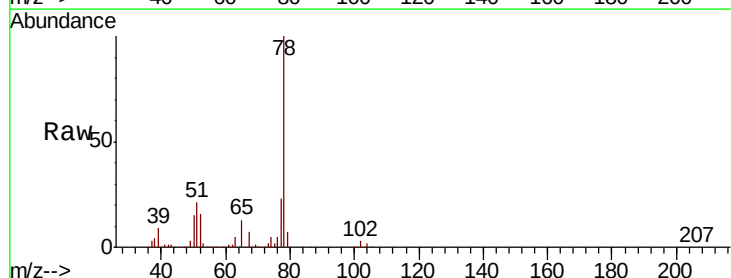
RT: 8.17 min Scan# 1055

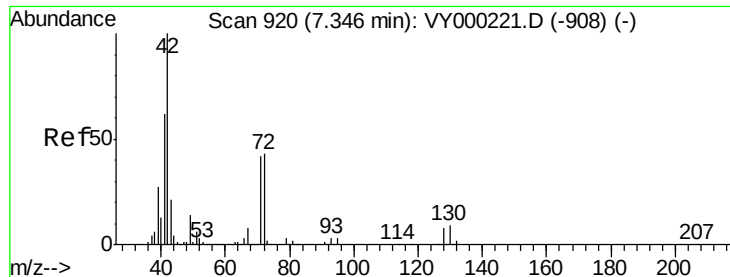
Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	78	Resp:	1244599
Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.9	26.9





#41

Methacrylonitrile

Concen: 72.845 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 41 Resp: 580710
Ion Ratio Lower Upper

41 100

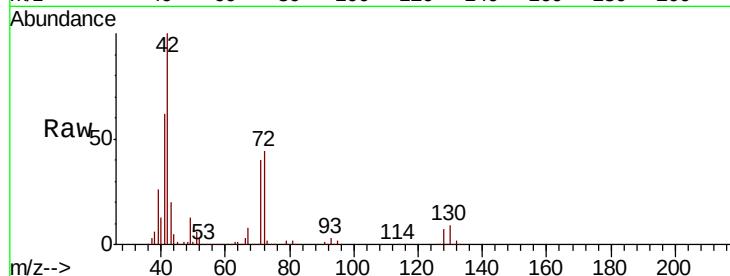
39 90.5 122.2 183.2#

67 0.0 0.0 0.0

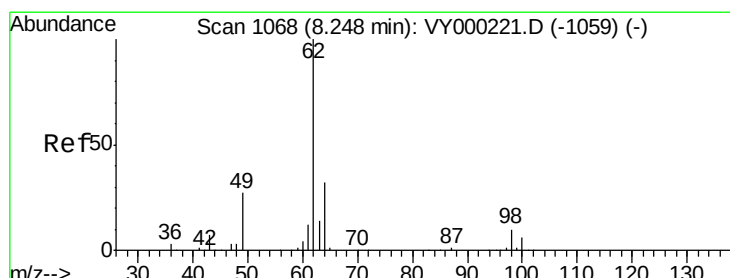
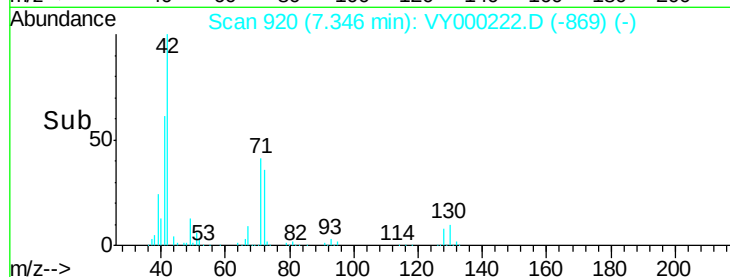
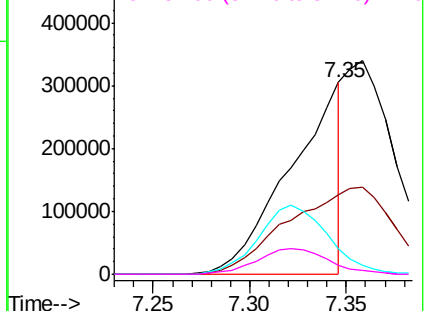
52 0.0 0.0 0.0

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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 101.547 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

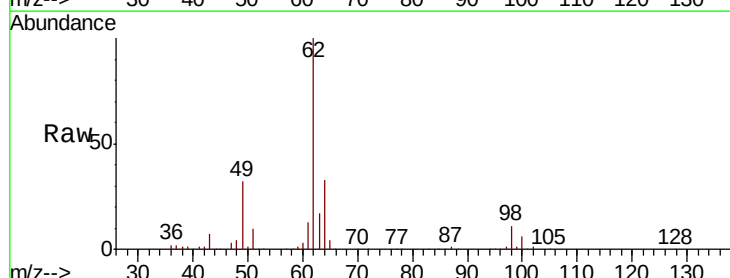
Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

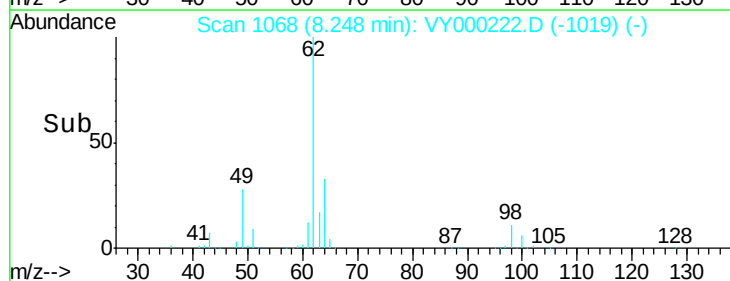
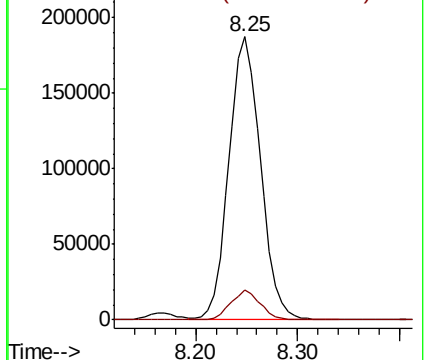
Tgt Ion: 62 Resp: 402473
Ion Ratio Lower Upper

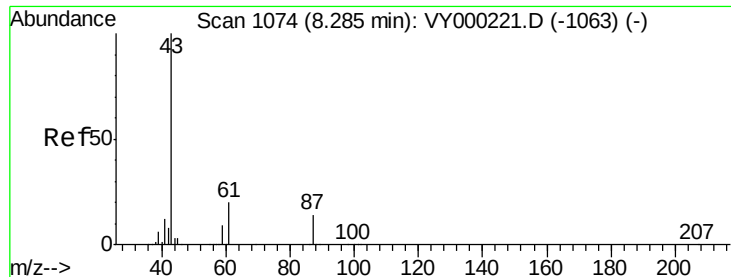
62 100

98 9.9 0.0 23.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 116.643 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

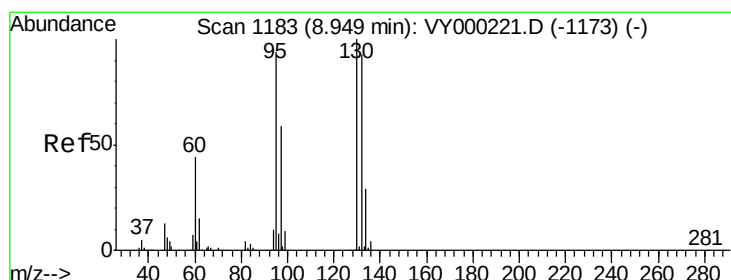
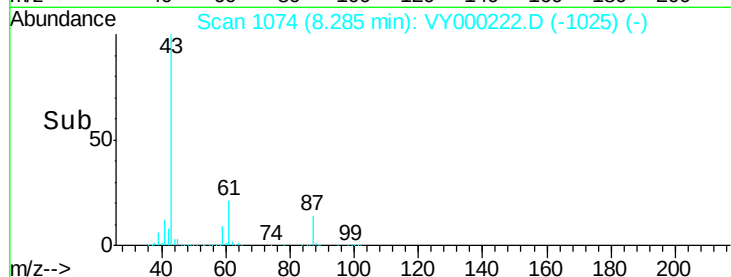
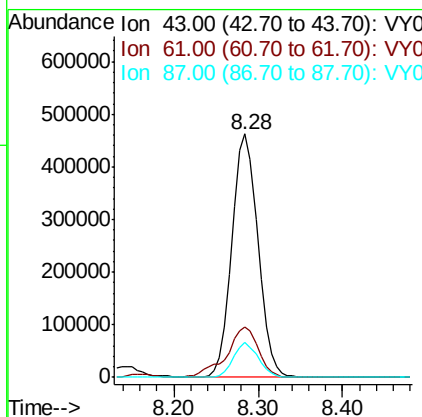
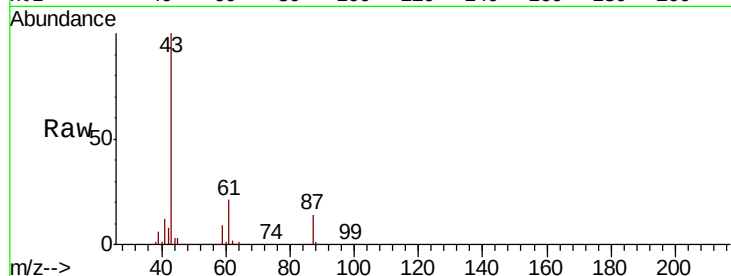
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	965078
Ion	Ratio	Lower	Upper
43	100		
61	25.4	21.2	31.8
87	13.6	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 82.674 ug/l

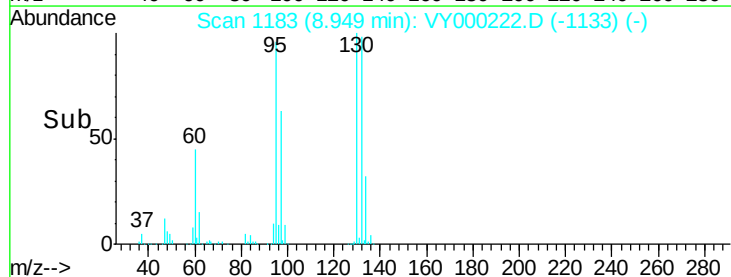
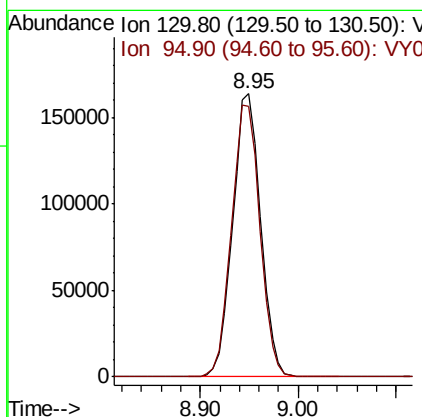
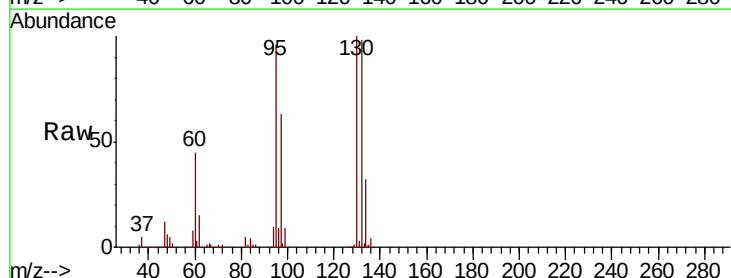
RT: 8.95 min Scan# 1183

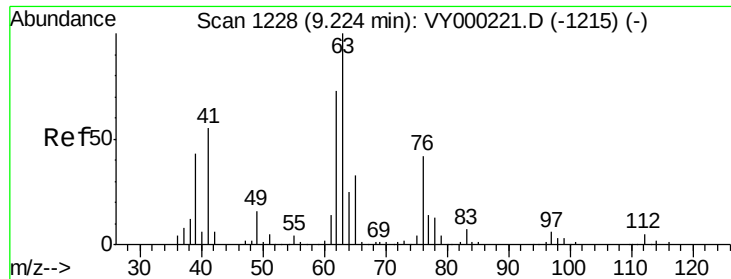
Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	130	Resp:	323868
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	183.0





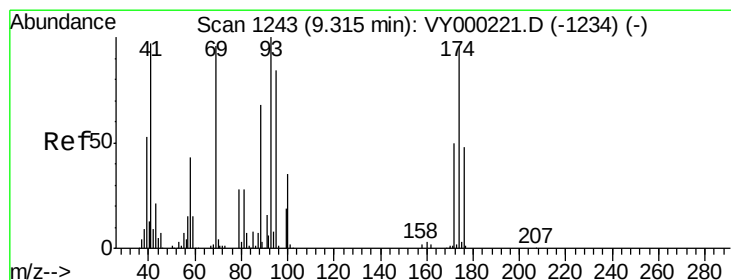
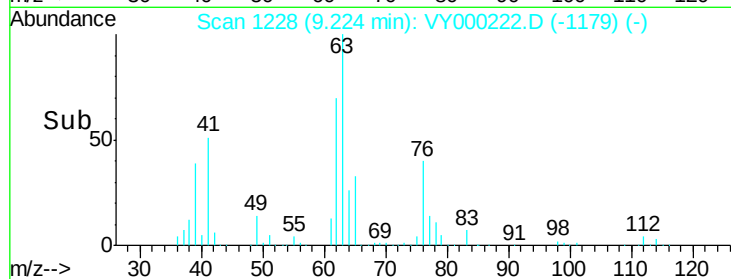
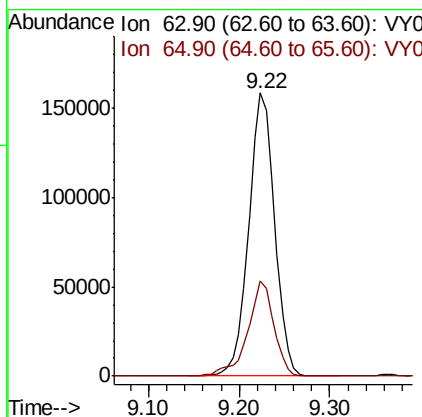
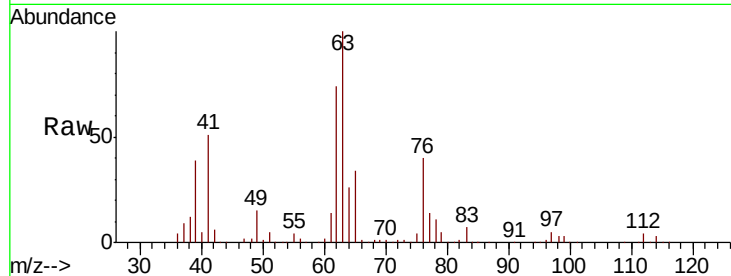
#45
 1,2-Dichloropropane
 Concen: 105.500 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion: 63 Resp: 313706
 Ion Ratio Lower Upper
 63 100
 65 33.5 24.2 36.2

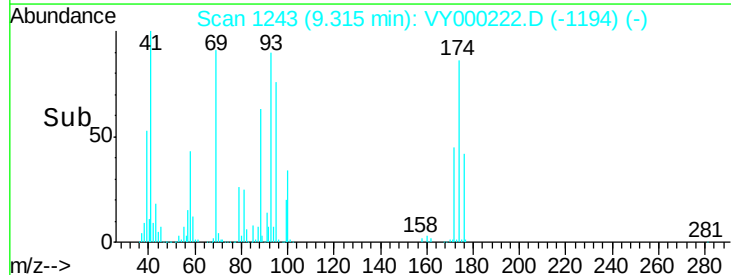
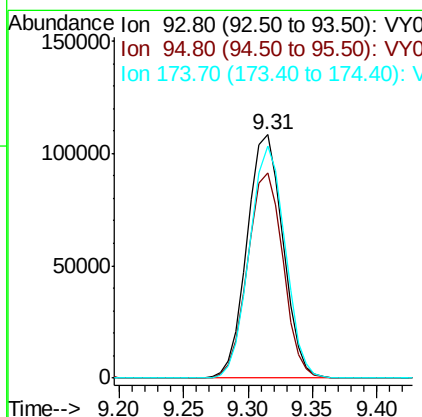
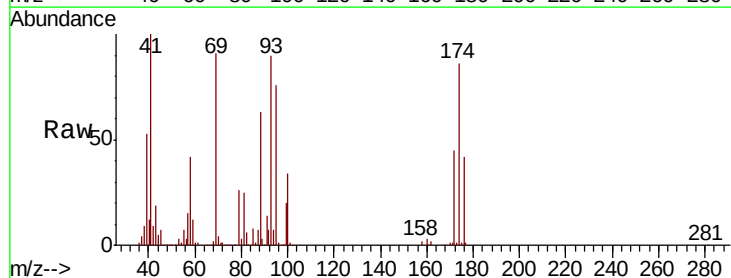
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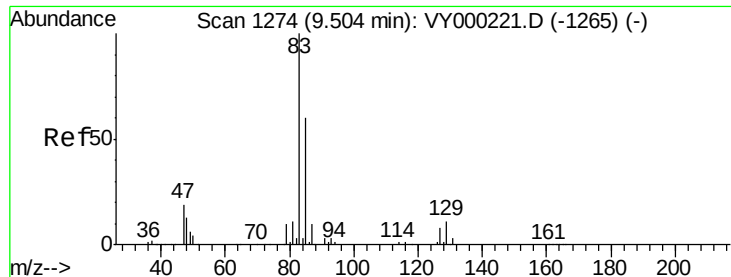
MMDadoda
 10/10/2019 12:52:22 AM



#46
 Dibromomethane
 Concen: 94.985 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion: 93 Resp: 209954
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.6
 174 94.3 93.4 140.0





#47

Bromodichloromethane

Concen: 101.340 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

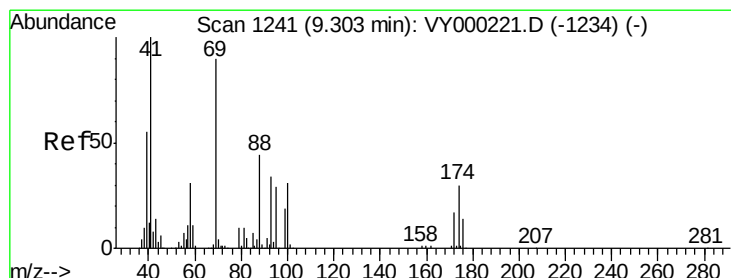
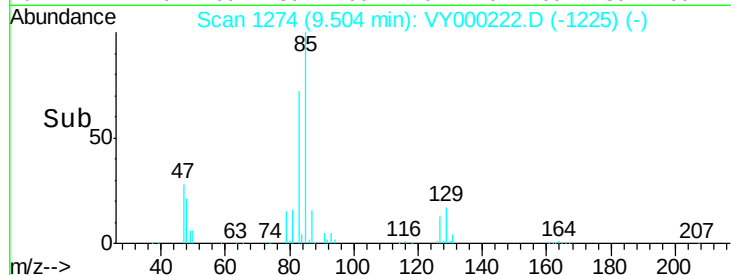
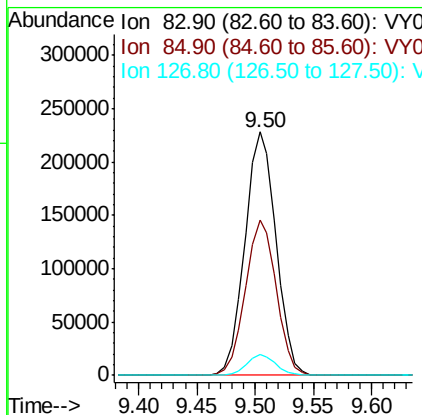
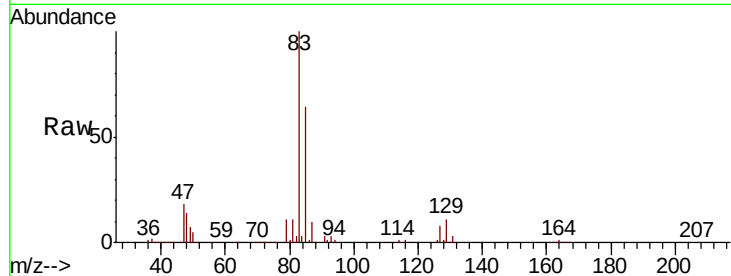
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	425022
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.4
127	8.4	6.6	9.8

Manual Integrations
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MMDadoda
10/10/2019 12:52:22 AM



#48

Methyl methacrylate

Concen: 121.736 ug/l

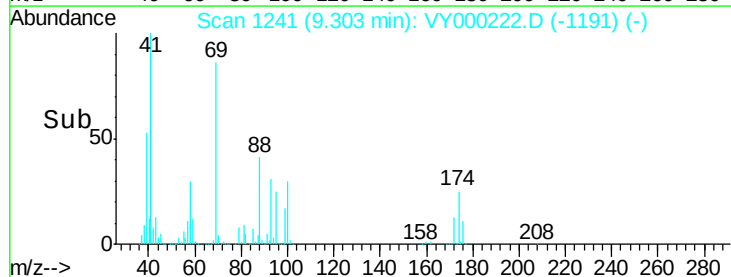
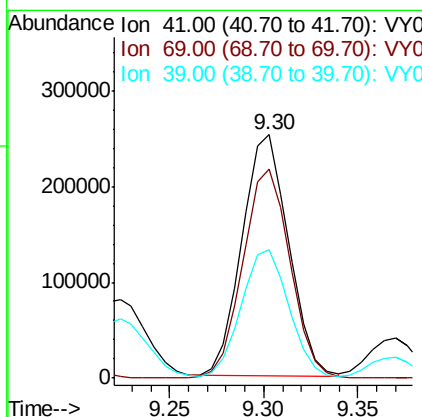
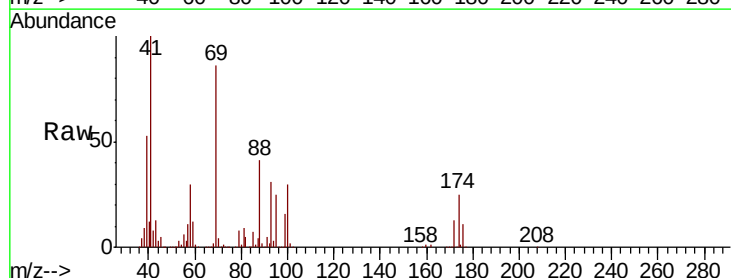
RT: 9.30 min Scan# 1241

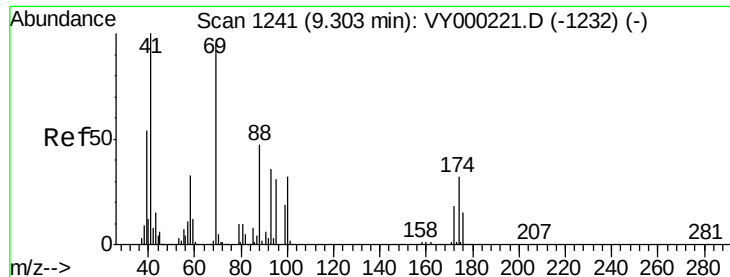
Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	41	Resp:	432747
Ion	Ratio	Lower	Upper
41	100		
69	88.0	77.6	116.4
39	54.9	48.7	73.1





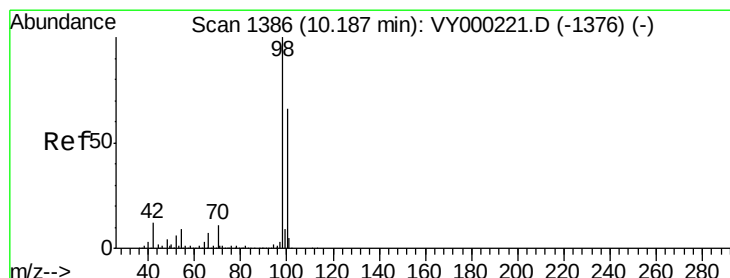
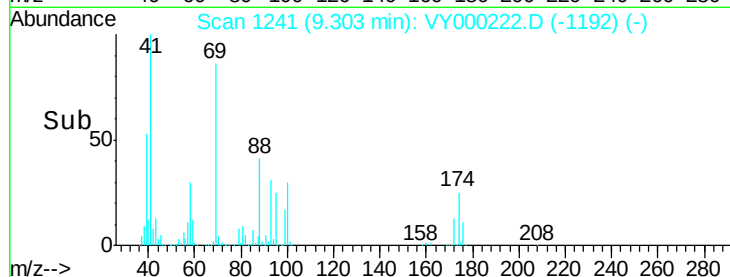
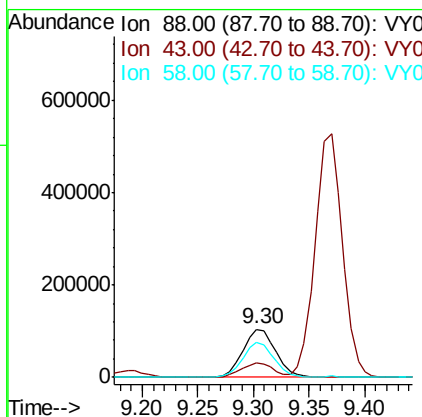
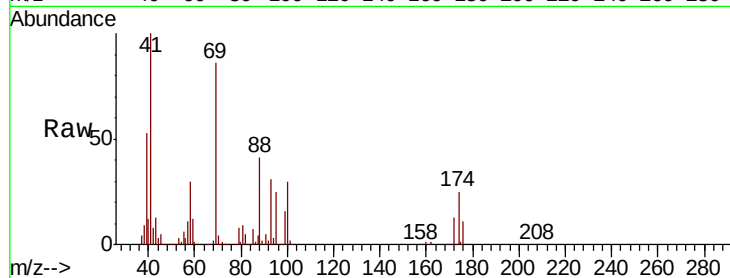
#49
1,4-Dioxane
Concen: 1912.023 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	20.2	30.2
58	69.3	46.8	70.2

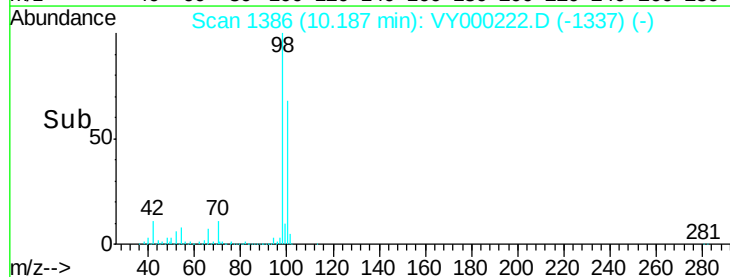
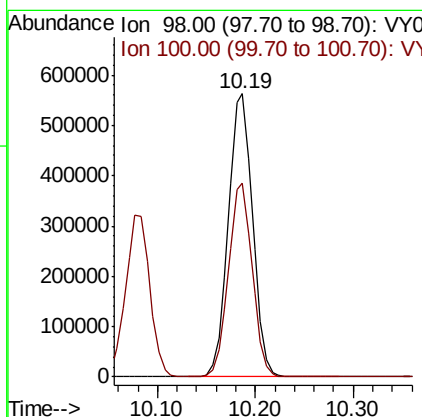
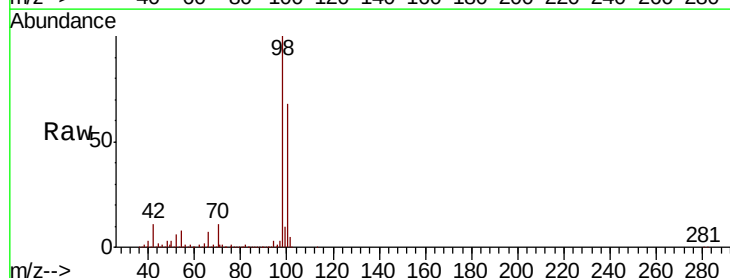
Manual Integrations
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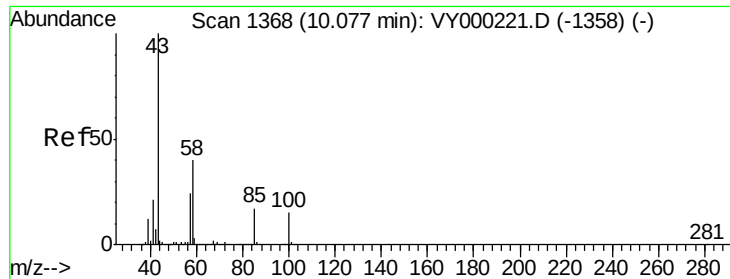
MMDadoda
10/10/2019 12:52:22 AM



#50
Toluene-d8
Concen: 89.874 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.6	80.4





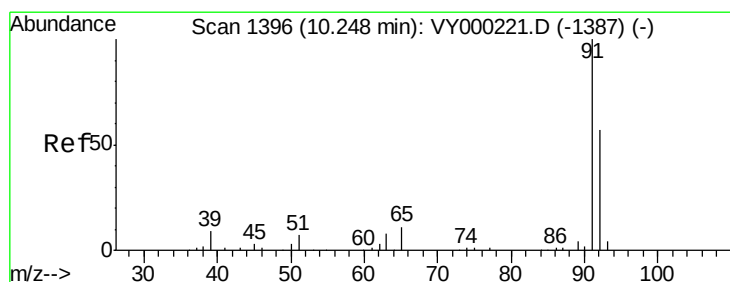
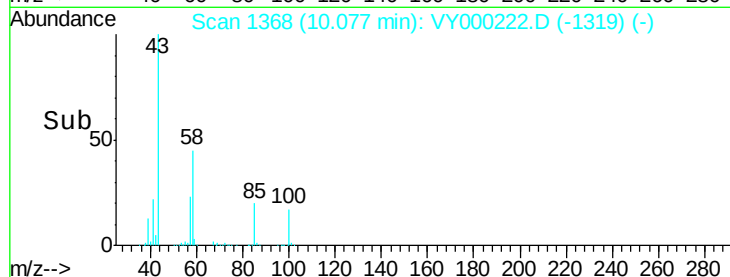
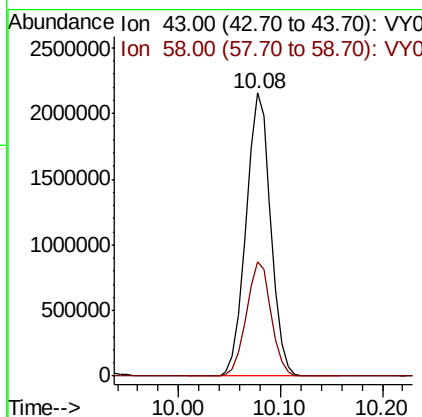
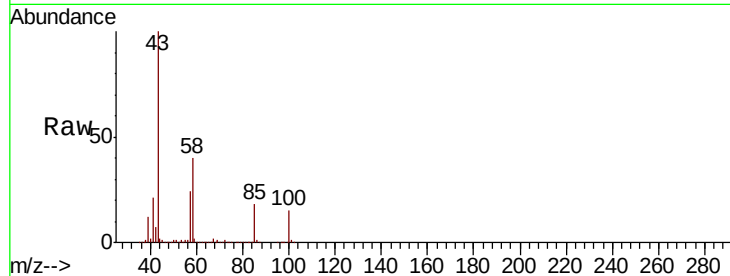
#51
4-Methyl-2-Pentanone
Concen: 592.080 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 3623027
Ion Ratio Lower Upper
43 100
58 40.5 33.0 49.6

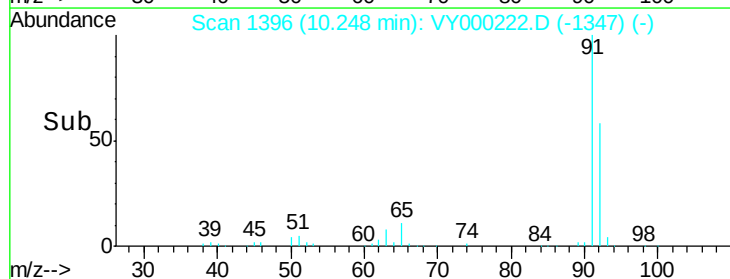
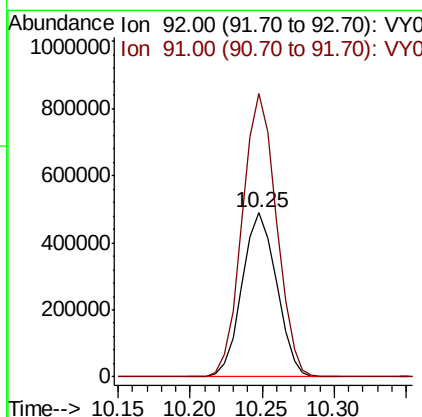
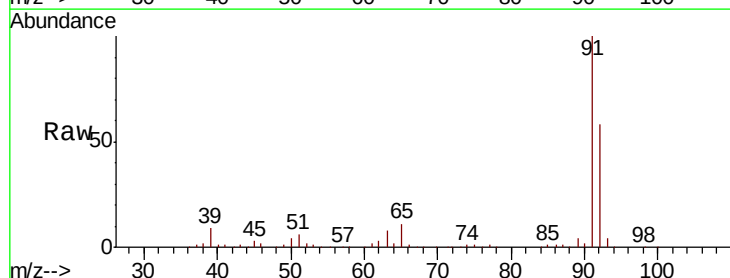
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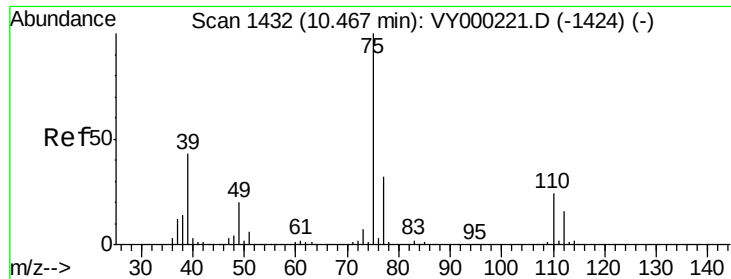
MMDadoda
10/10/2019 12:52:22 AM



#52
Toluene
Concen: 101.849 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion: 92 Resp: 813501
Ion Ratio Lower Upper
92 100
91 170.7 138.9 208.3





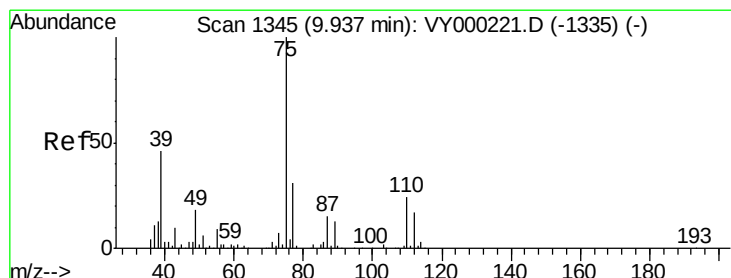
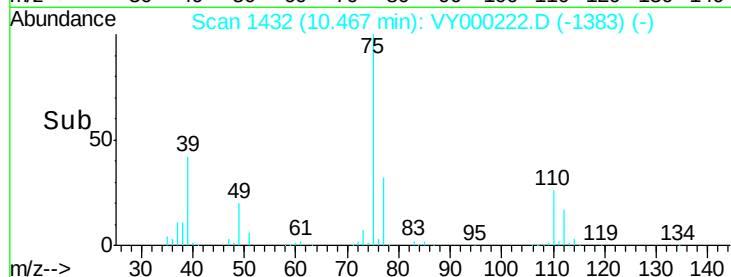
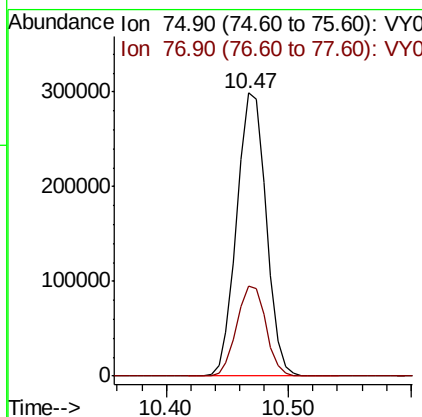
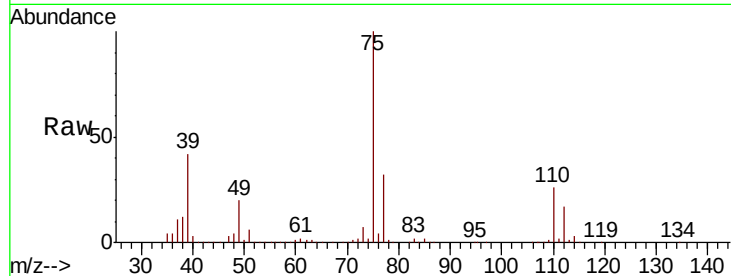
#53
t-1,3-Dichloropropene
Concen: 105.724 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6

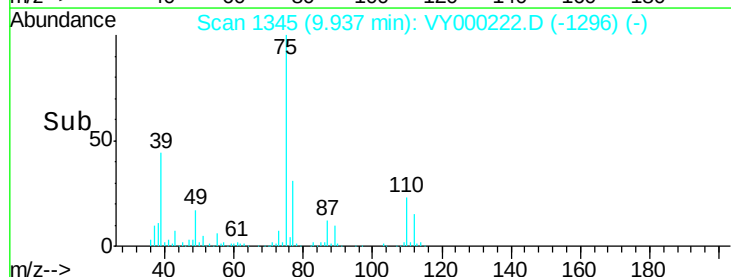
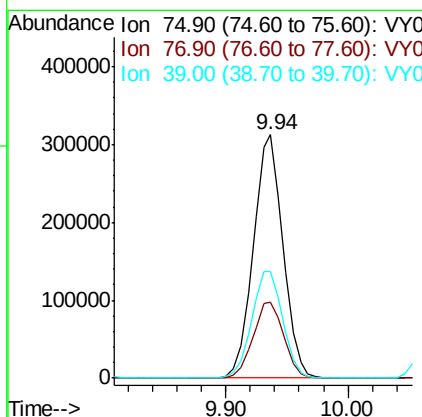
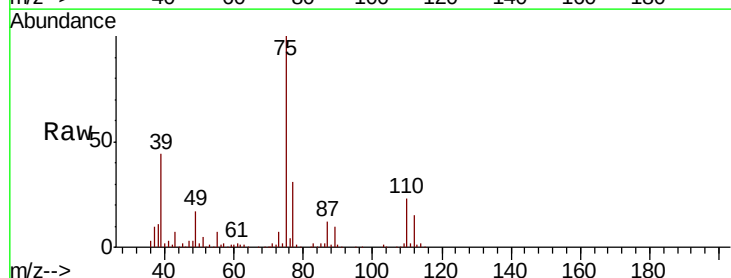
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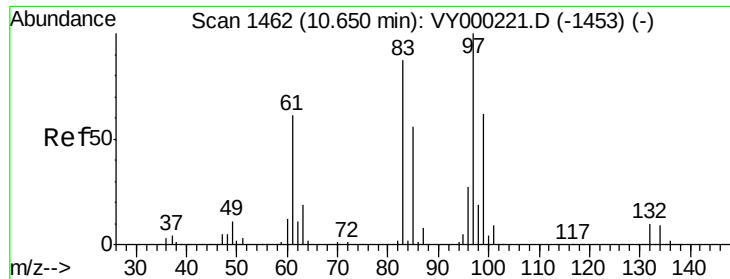
MMDadoda
10/10/2019 12:52:22 AM



#54
cis-1,3-Dichloropropene
Concen: 104.320 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	43.7	33.2	49.8





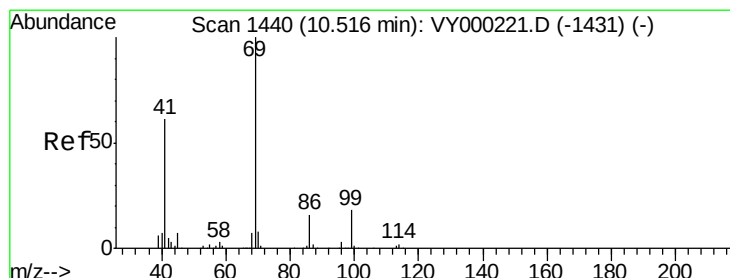
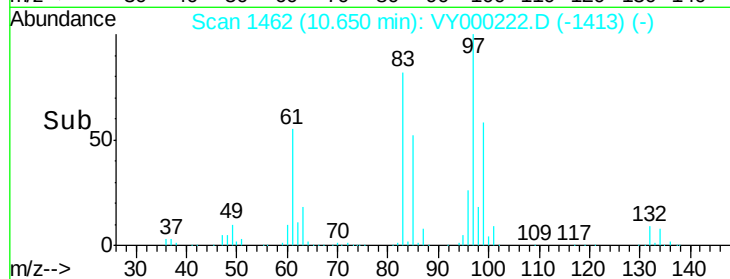
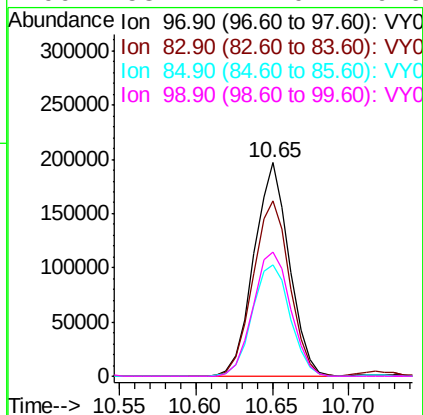
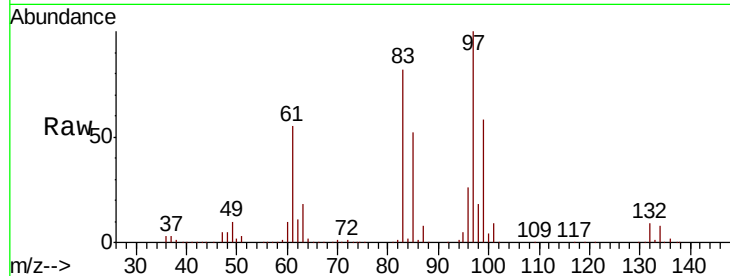
#55
 1,1,2-Trichloroethane
 Concen: 96.701 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	316873
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.2	99.2
85	52.2	41.0	61.6
99	58.2	47.0	70.6

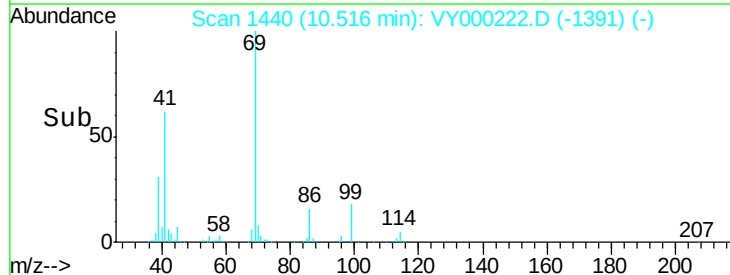
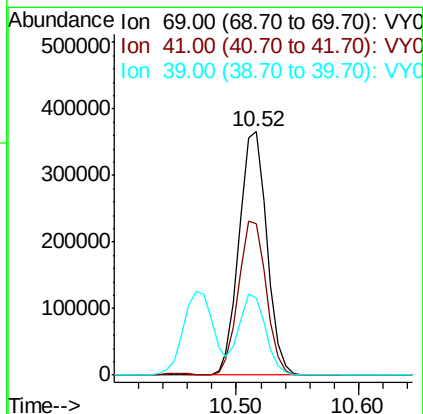
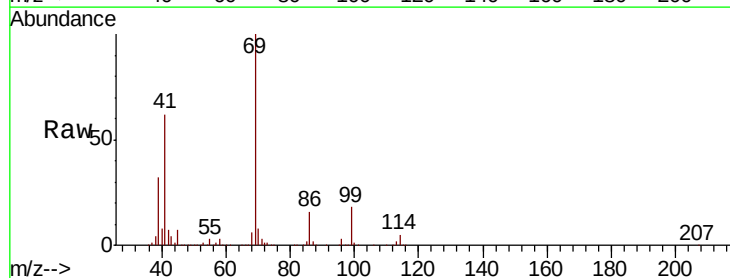
Manual Integrations
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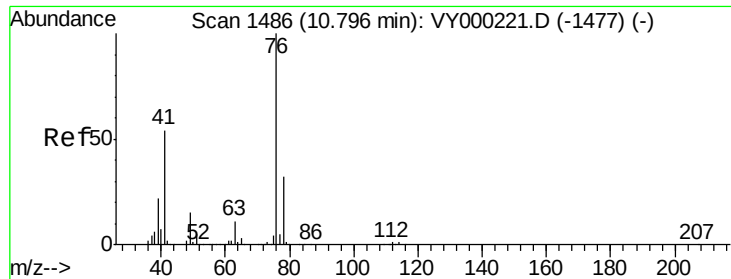
MMDadoda
 10/10/2019 12:52:22 AM



#56
 Ethyl methacrylate
 Concen: 115.490 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion:	69	Resp:	575734
Ion	Ratio	Lower	Upper
69	100		
41	63.1	46.9	70.3
39	31.8	27.4	41.0





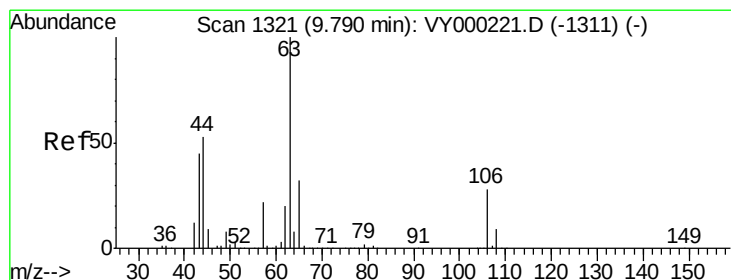
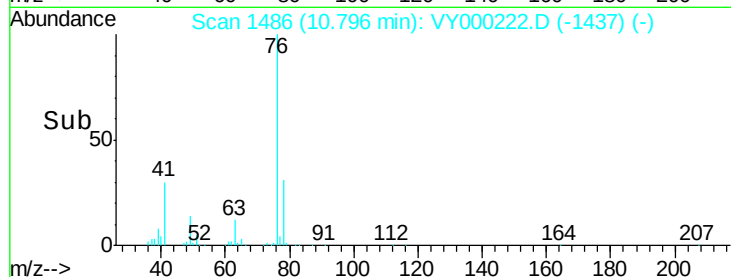
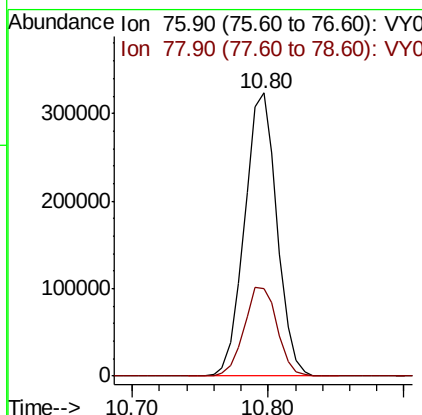
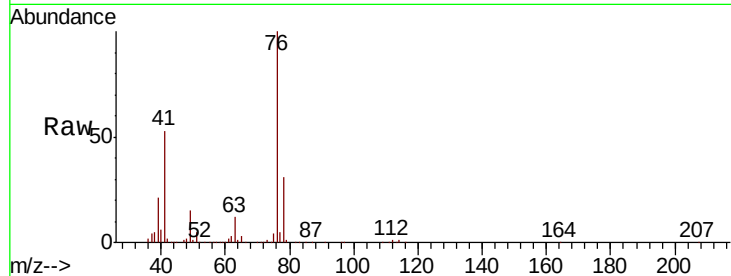
#57
 1,3-Dichloropropane
 Concen: 103.300 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

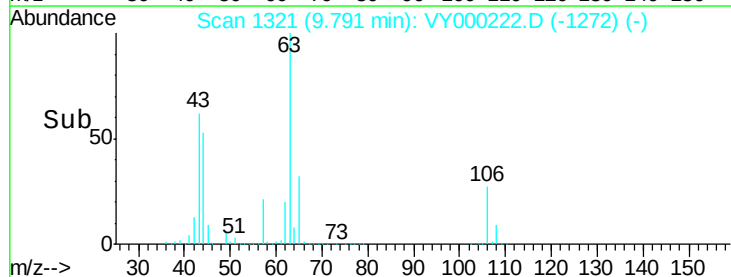
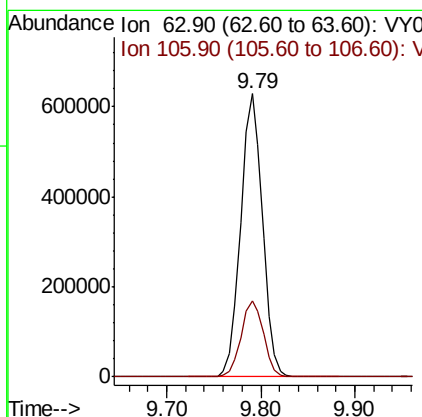
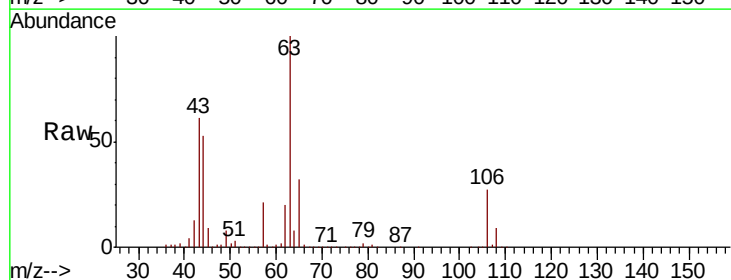
Manual Integrations
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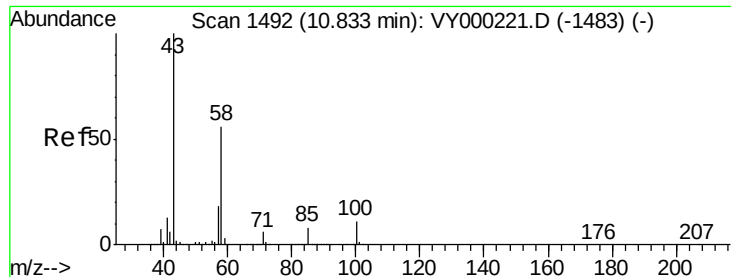
MMDadoda
 10/10/2019 12:52:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 356.519 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	26.8	40.2





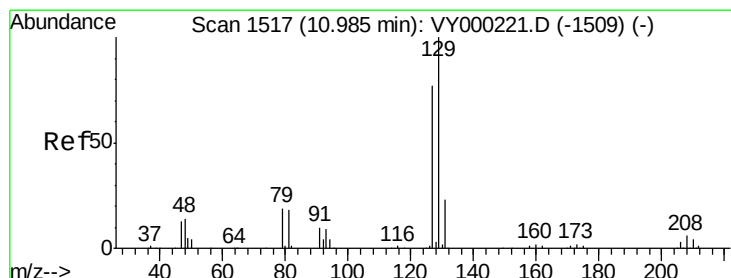
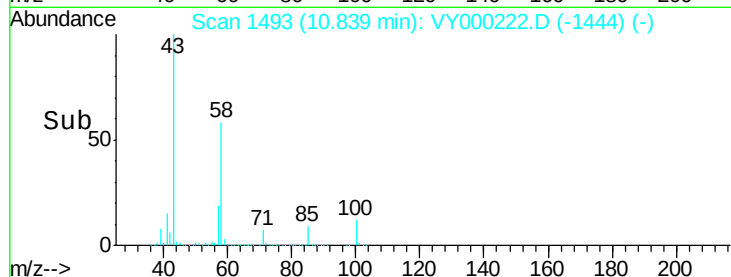
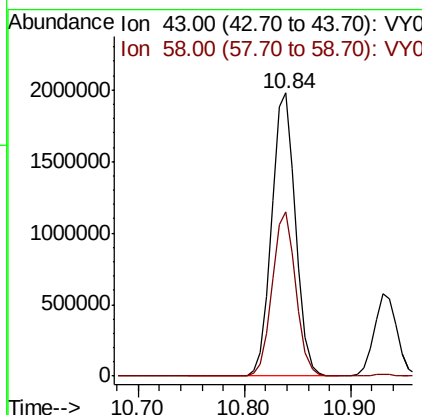
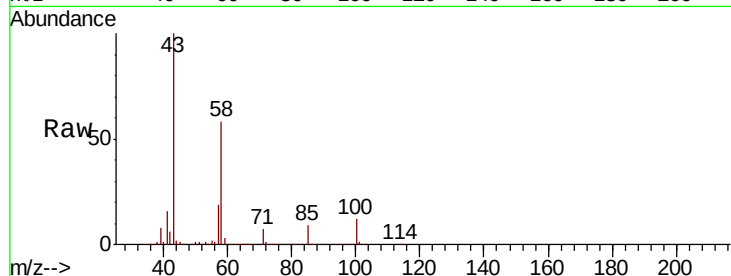
#59
2-Hexanone
Concen: 593.898 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 3089757
Ion Ratio Lower Upper
43 100
58 57.4 28.7 86.1

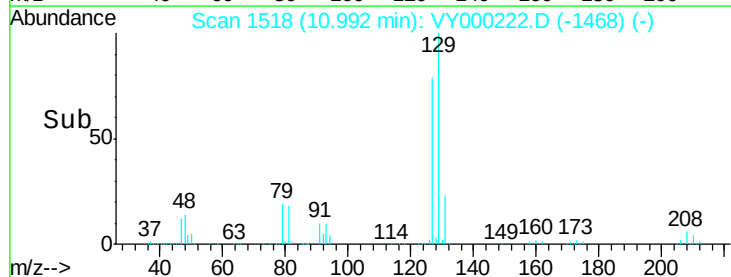
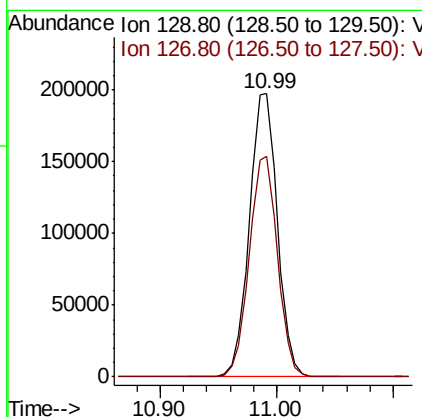
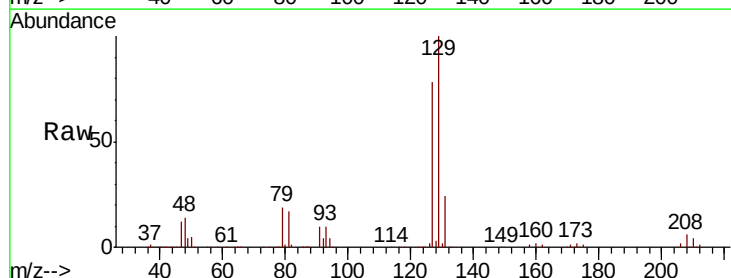
Manual Integrations
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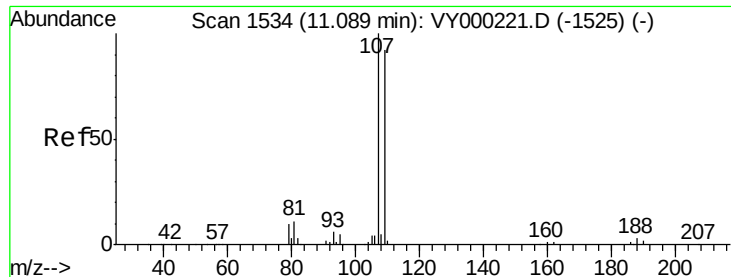
MMDadoda
10/10/2019 12:52:22 AM



#60
Dibromochloromethane
Concen: 90.875 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion: 129 Resp: 332331
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 93.470 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 331974

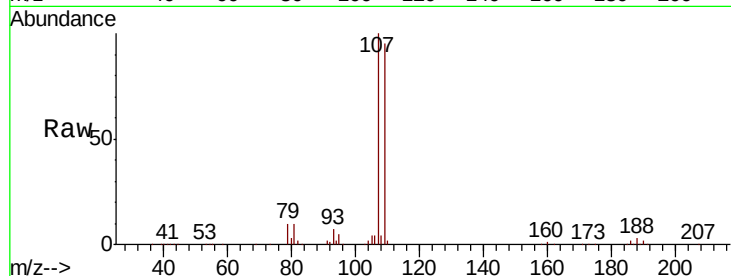
Ion Ratio Lower Upper

107 100

109 94.1 75.0 112.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

200000

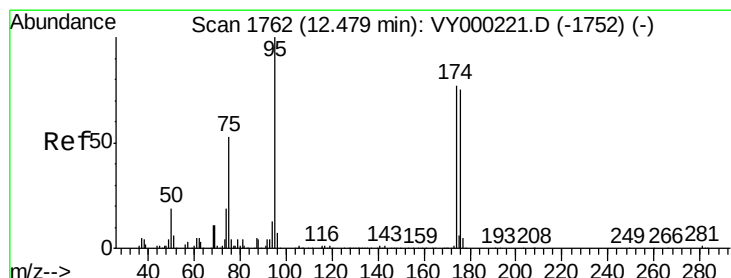
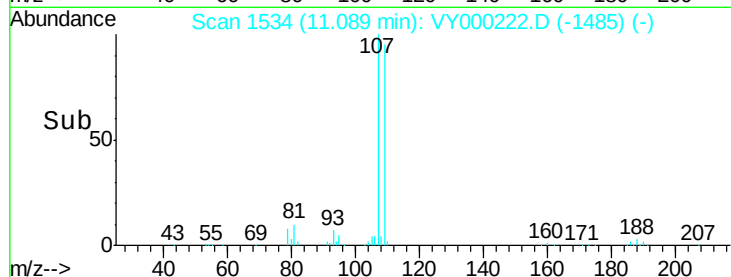
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 88.984 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

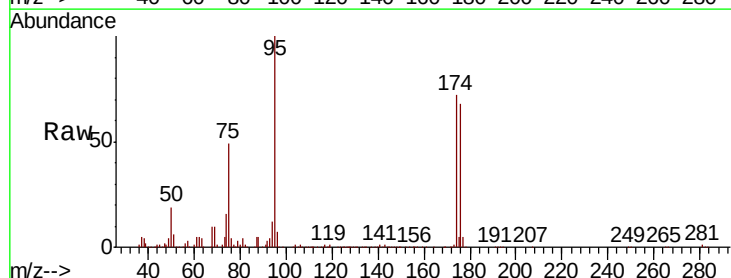
Tgt Ion: 95 Resp: 345255

Ion Ratio Lower Upper

95 100

174 76.9 0.0 188.4

176 74.7 0.0 182.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

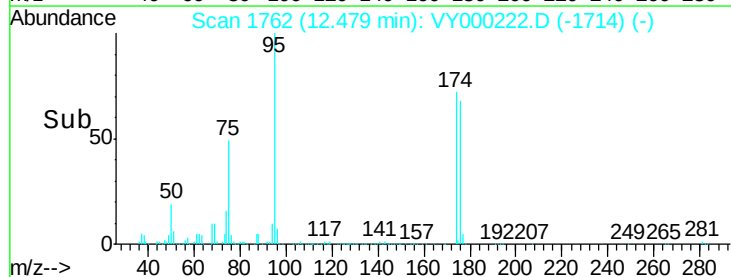
150000

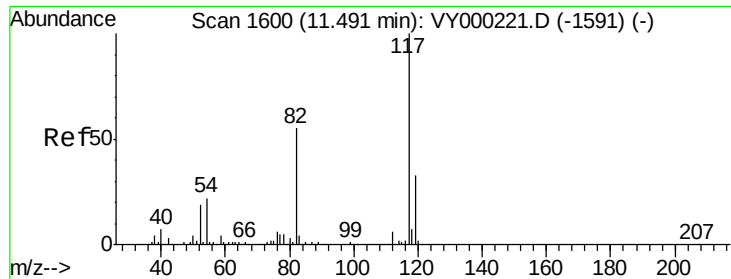
100000

50000

0

Time-->





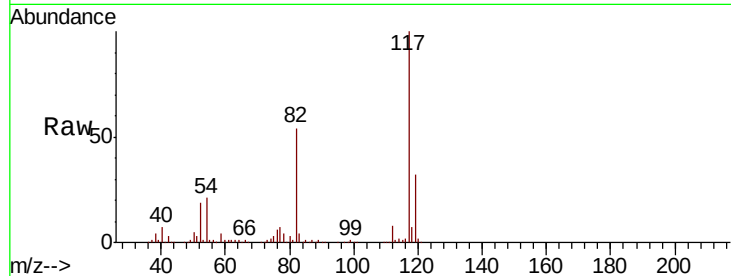
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	39.4	59.2
119	31.7	25.8	38.6

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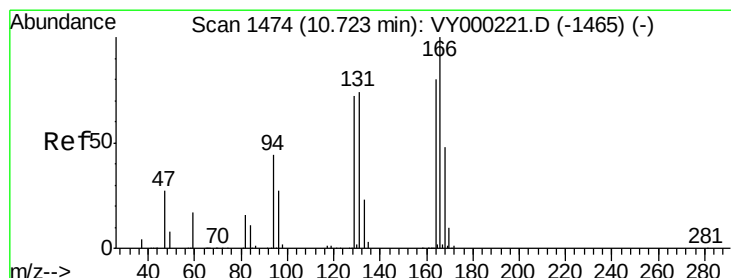
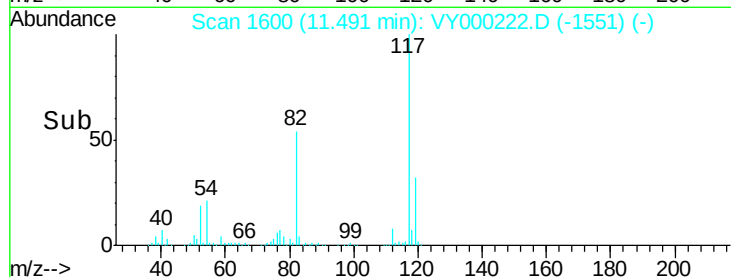
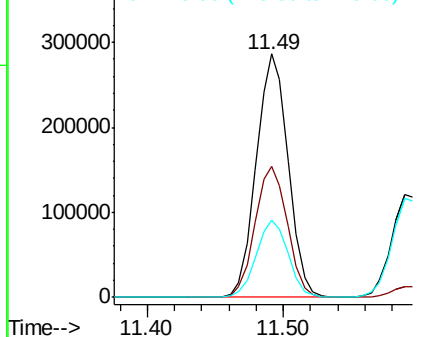


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 73.446 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	98.4	147.6
129	98.8	68.6	103.0
131	93.0	69.6	104.4

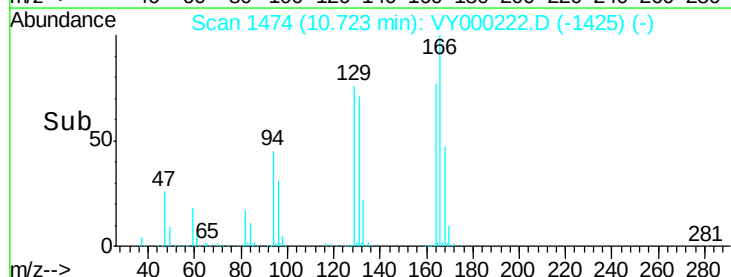
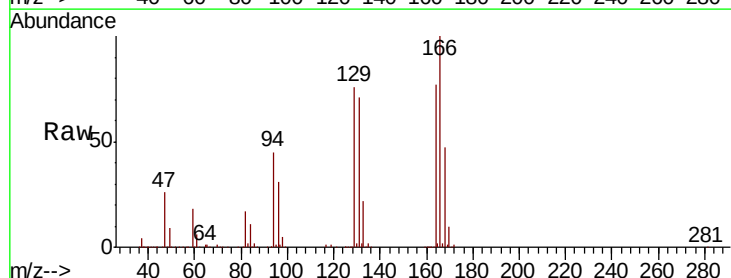
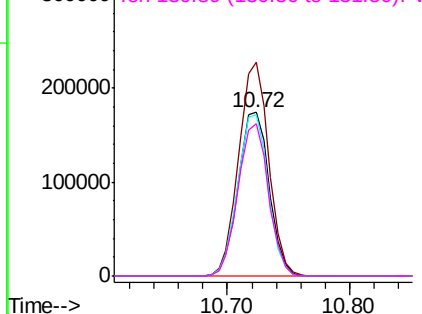
Abundance

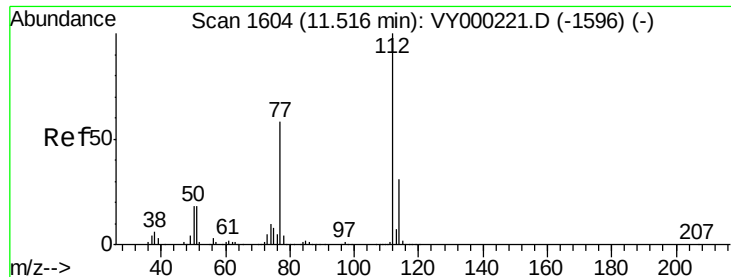
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





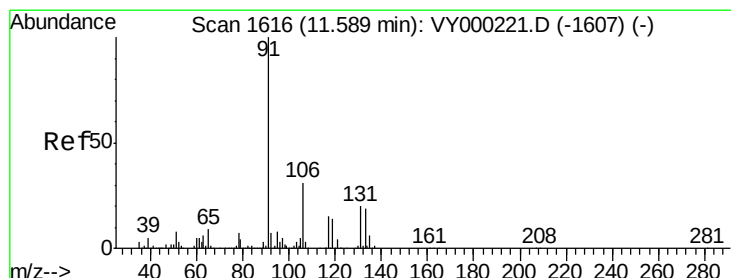
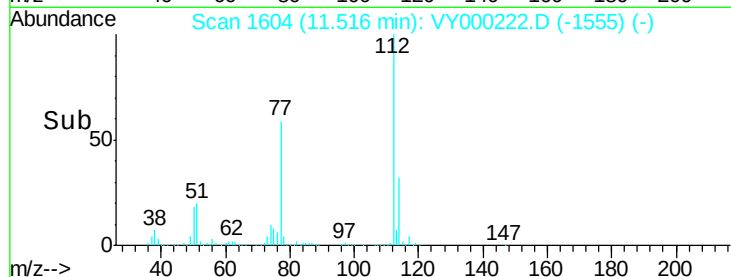
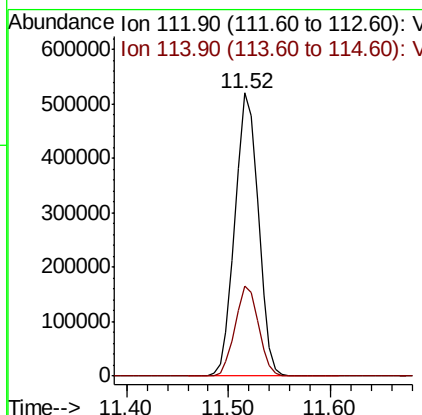
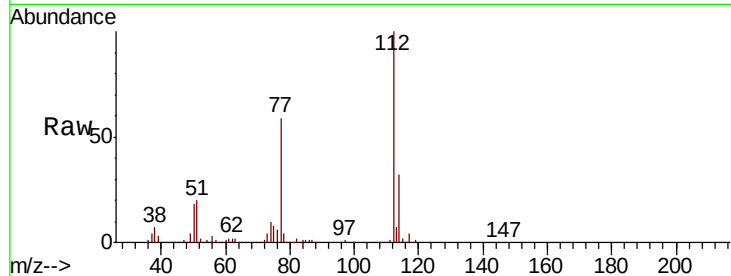
#65
Chlorobenzene
Concen: 89.766 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.4	36.6

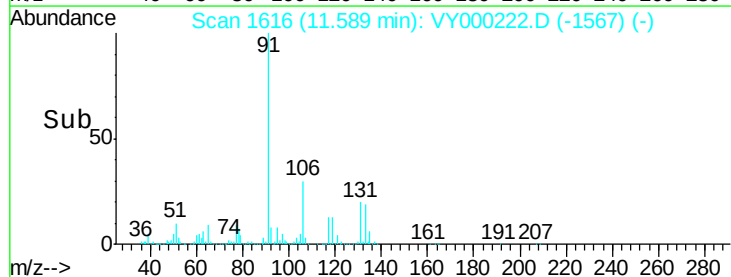
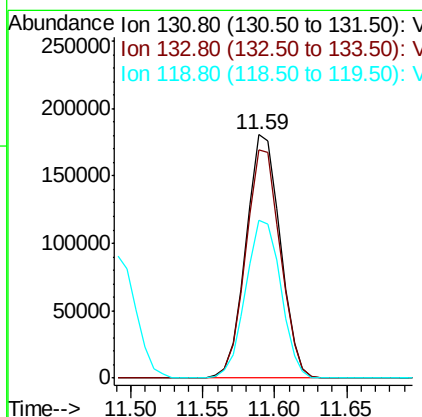
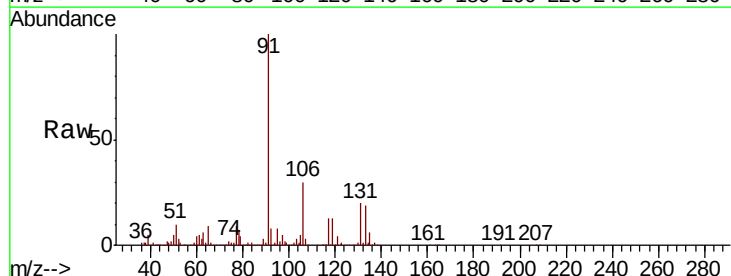
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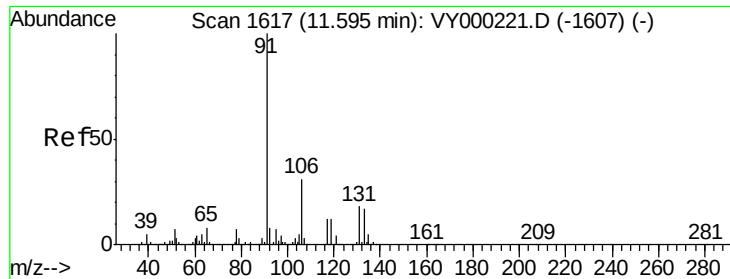
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#66
1,1,1,2-Tetrachloroethane
Concen: 86.558 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.1	141.4
119	66.7	31.4	94.3





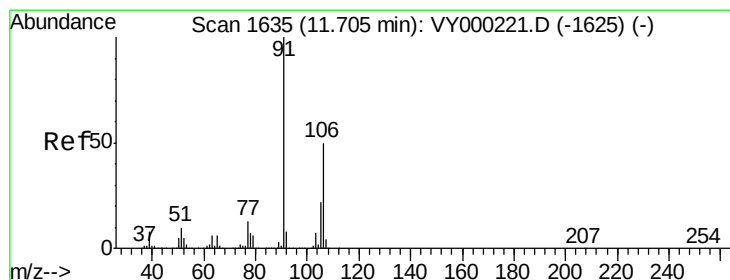
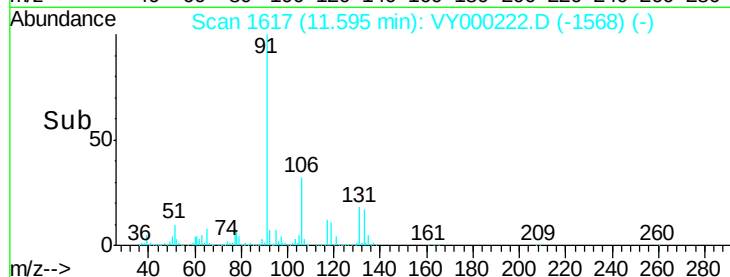
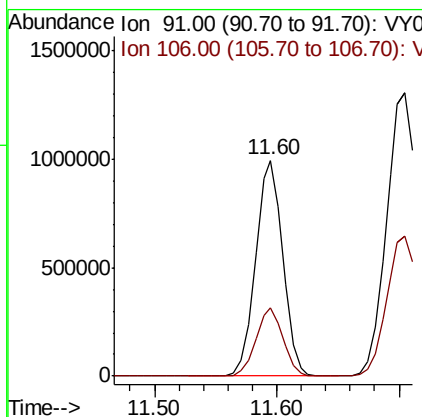
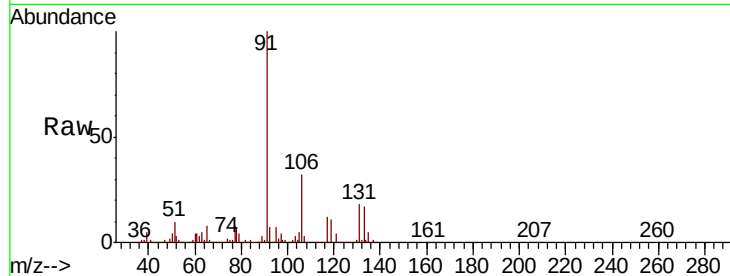
#67
Ethyl Benzene
Concen: 97.423 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 1539653
Ion Ratio Lower Upper
91 100
106 31.8 26.9 40.3

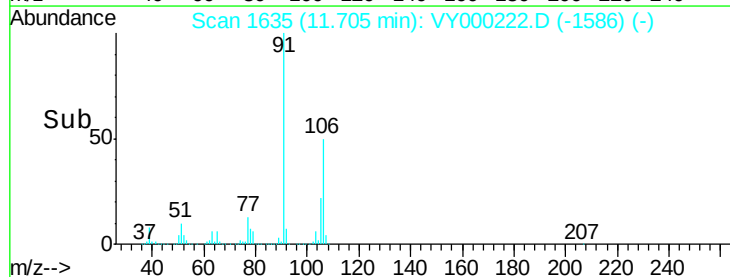
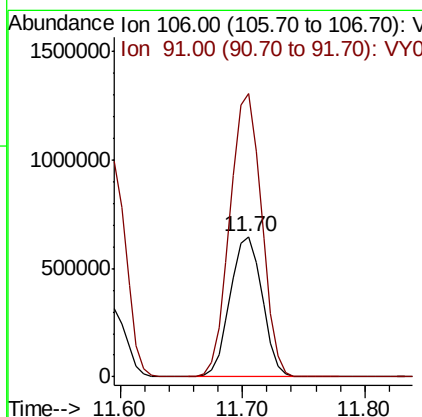
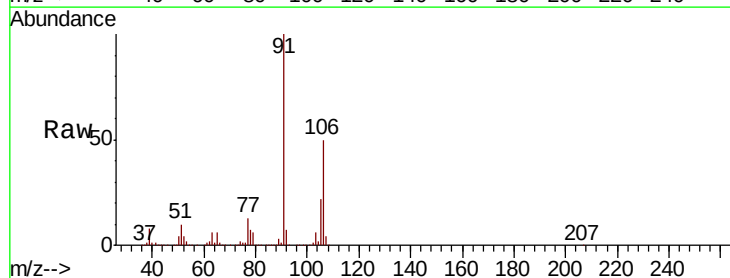
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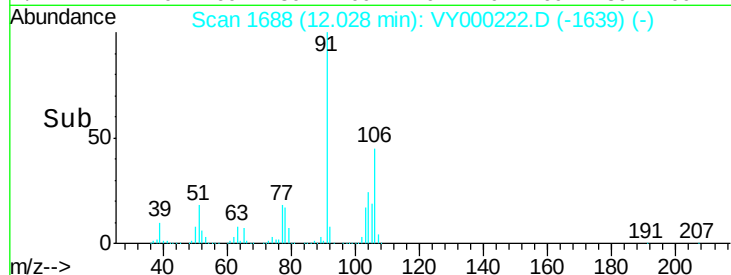
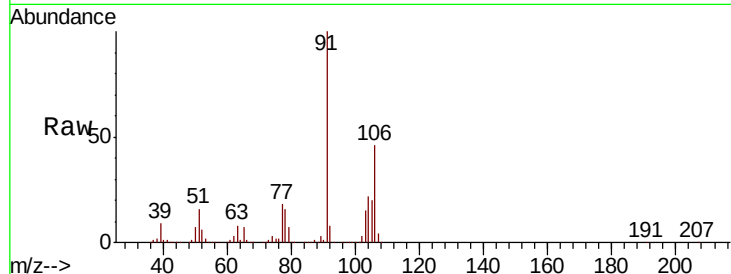
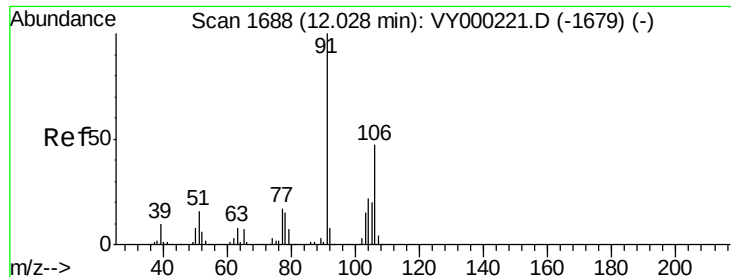
MMDadoda
10/10/2019 12:52:22 AM



#68
m/p-Xylenes
Concen: 188.451 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion: 106 Resp: 1174316
Ion Ratio Lower Upper
106 100
91 200.3 153.0 229.6





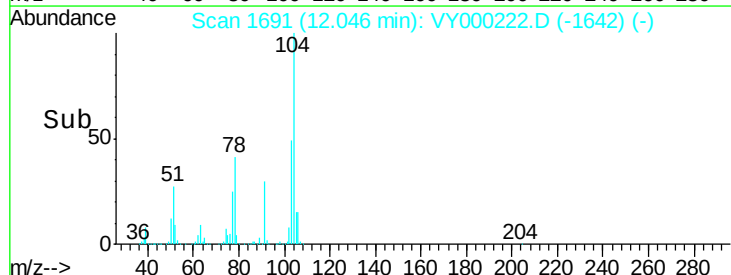
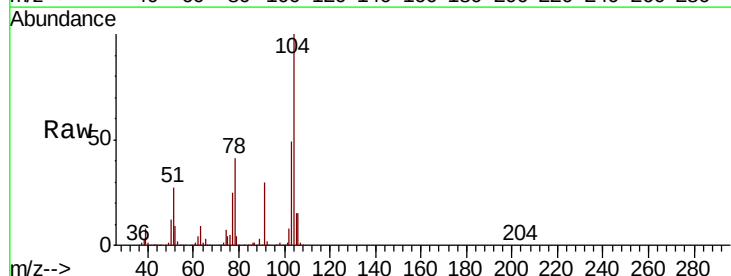
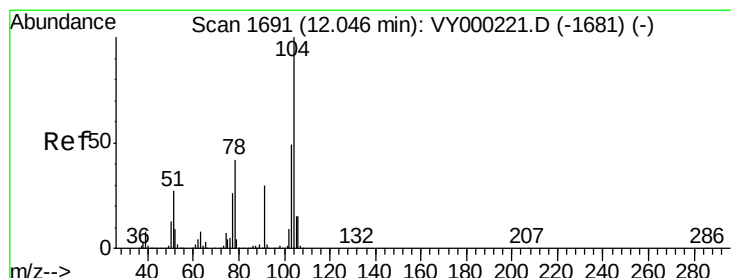
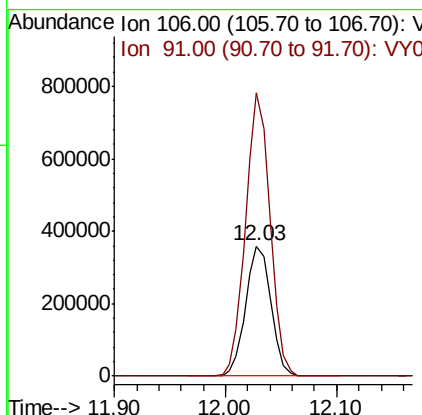
#69
o-Xylene
Concen: 92.388 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tot Ion:106 Resp: 566720
Ion Ratio Lower Upper
106 100
91 210.8 100.8 302.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

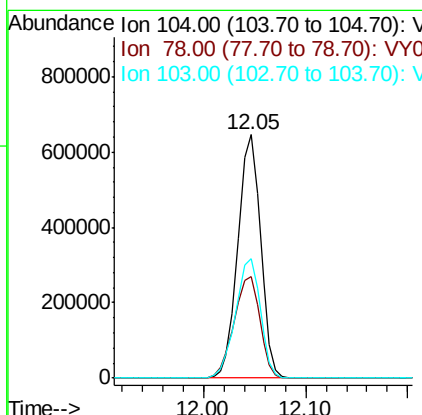
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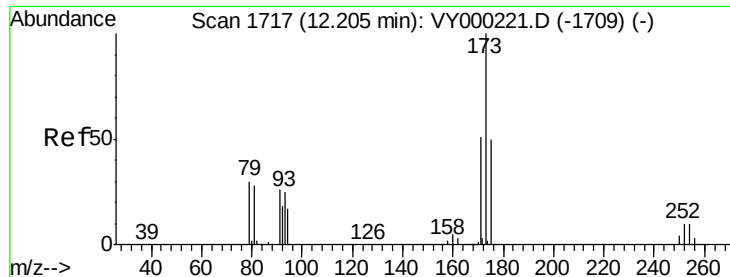
MMDadoda
10/10/2019 12:52:22 AM



#70
Styrene
Concen: 97.830 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion:104 Resp: 993510
Ion Ratio Lower Upper
104 100
78 47.5 35.6 53.4
103 53.7 42.2 63.4





#71

Bromoform

Concen: 83.355 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

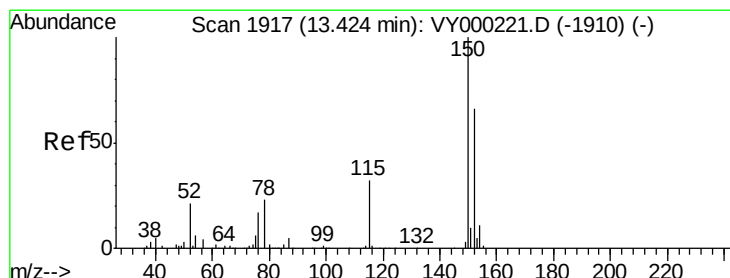
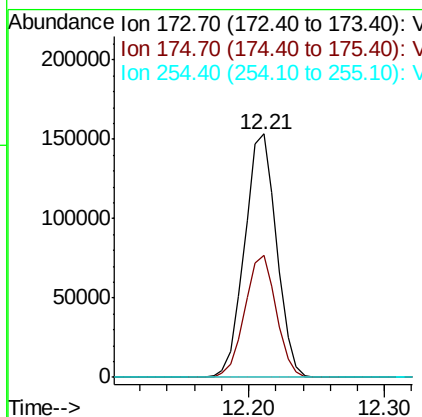
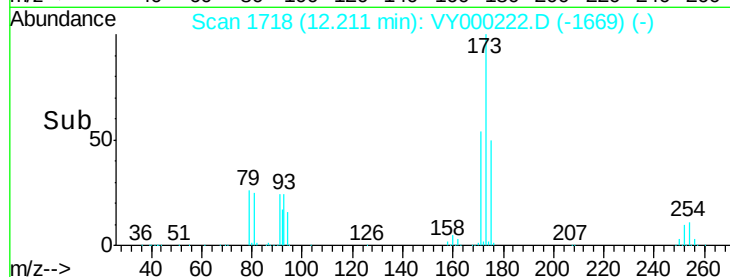
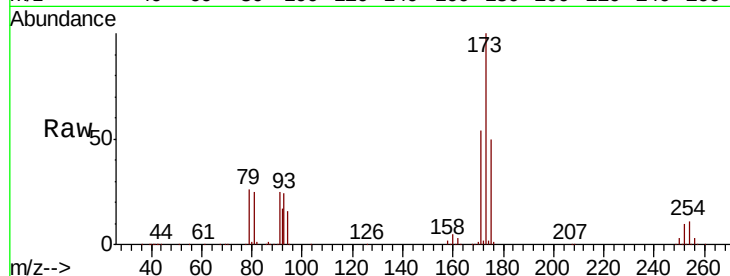
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.1	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

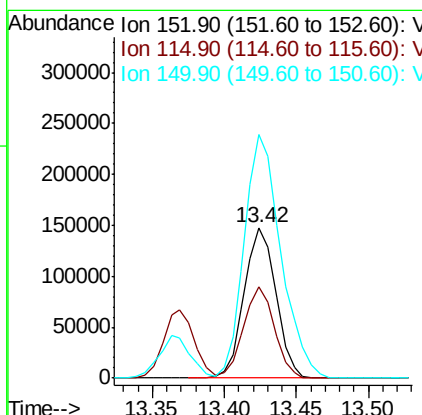
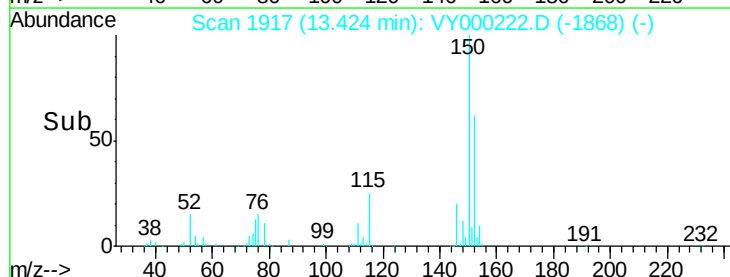
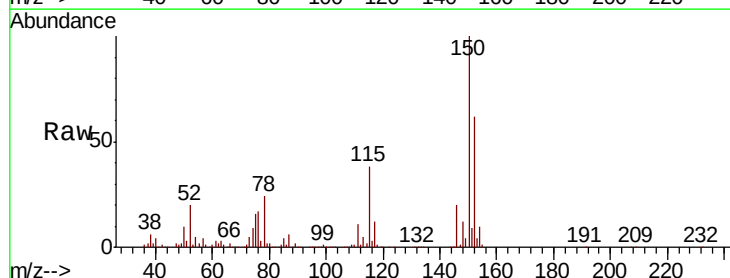
RT: 13.42 min Scan# 1917

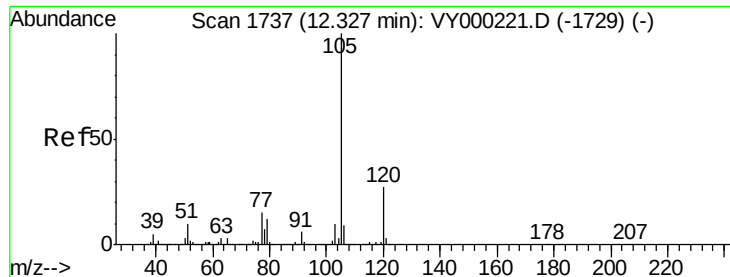
Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	26.0	78.0
150	187.1	0.0	332.8





#73

Isopropylbenzene

Concen: 101.067 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 1510208

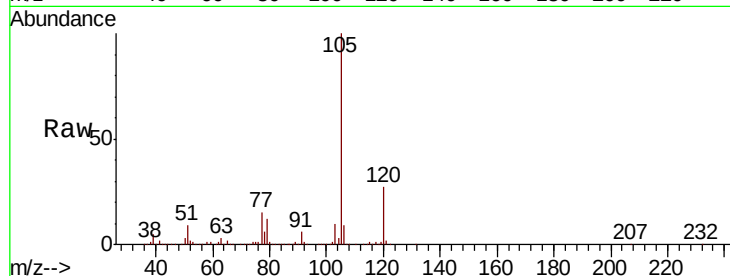
Ion Ratio Lower Upper

105 100

120 27.0 14.4 43.0

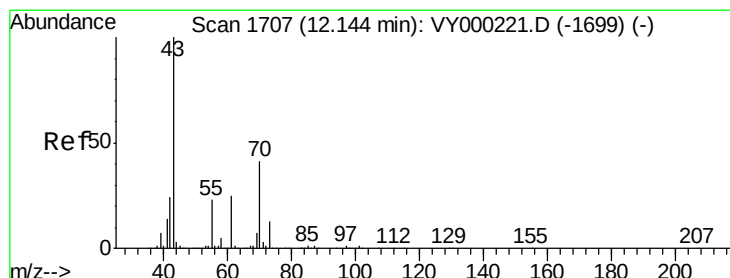
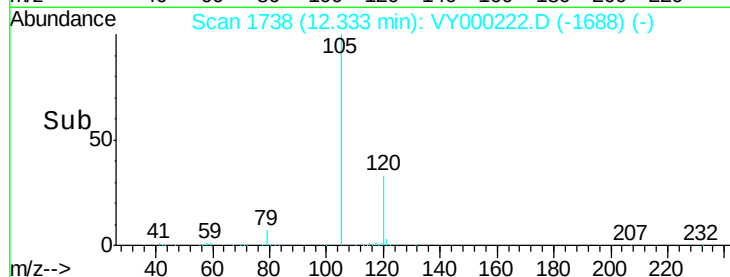
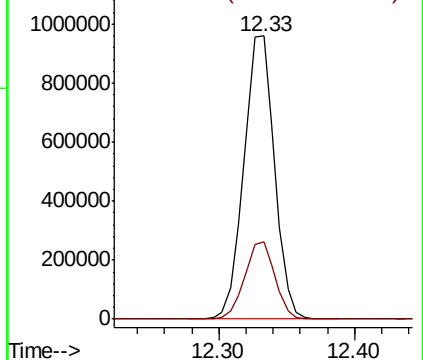
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 131.389 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion: 43 Resp: 760020

Ion Ratio Lower Upper

43 100

70 44.9 37.4 56.2

55 23.0 18.6 27.8

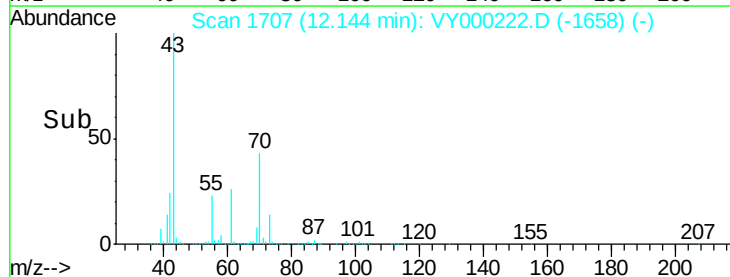
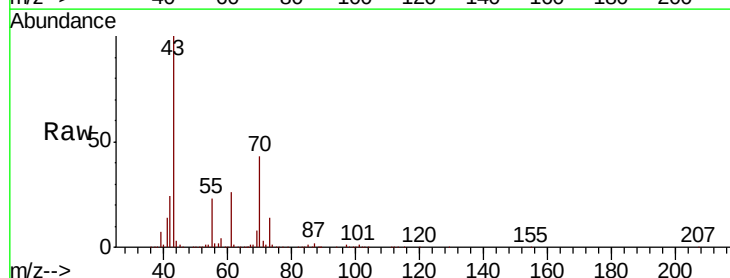
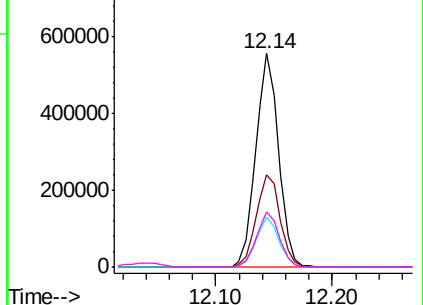
61 25.9 21.0 31.4

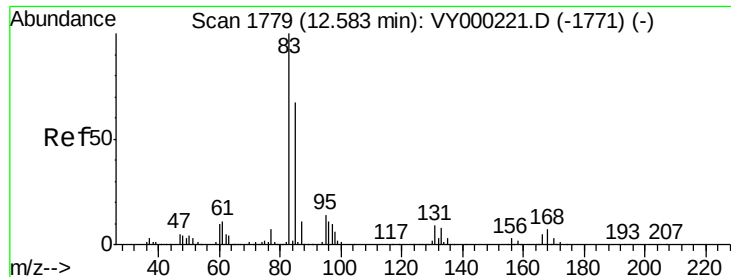
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 106.214 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

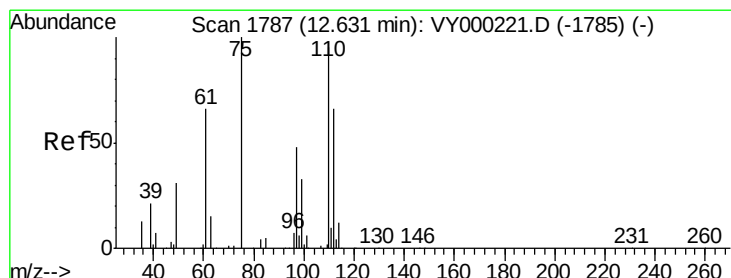
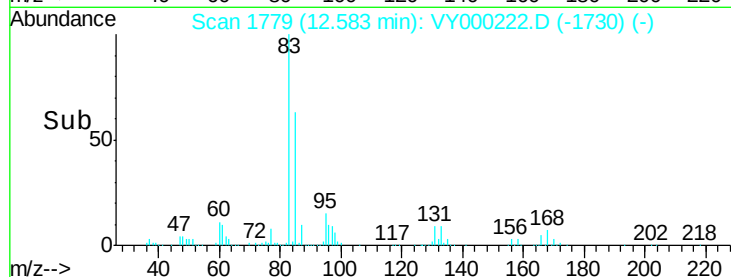
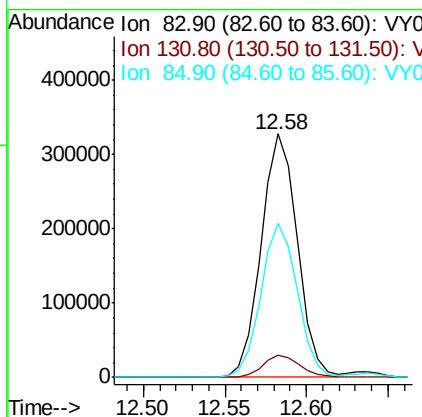
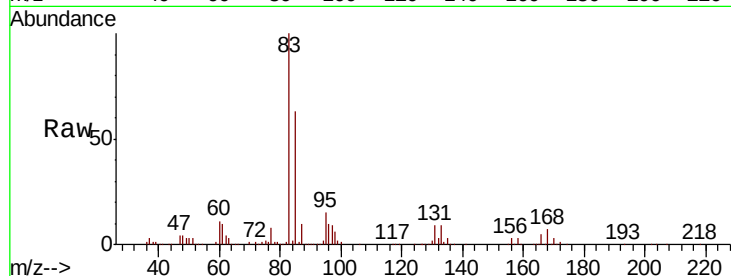
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	504777
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.9	17.6
85	63.8	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 69.300 ug/l m

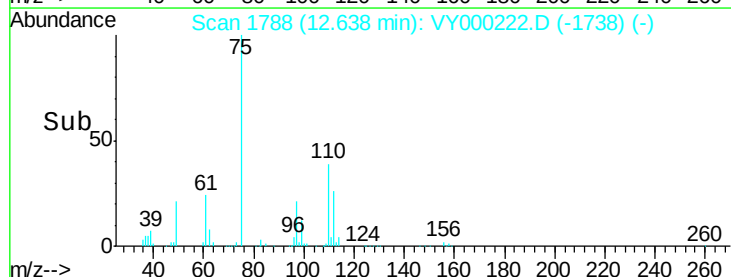
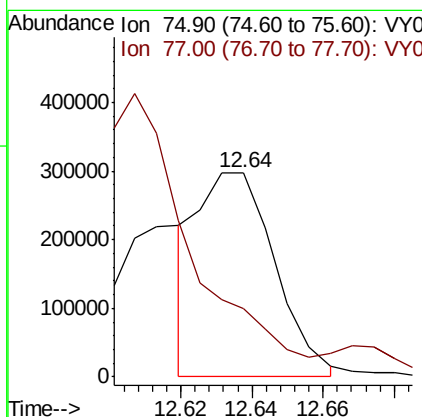
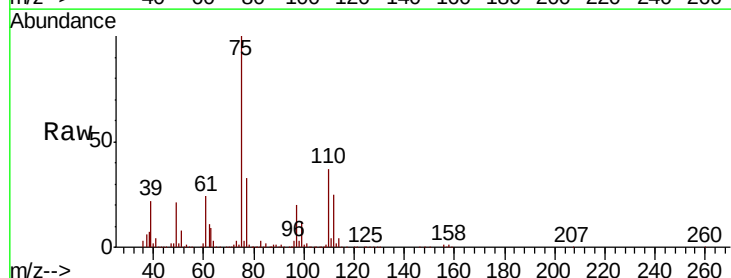
RT: 12.64 min Scan# 1788

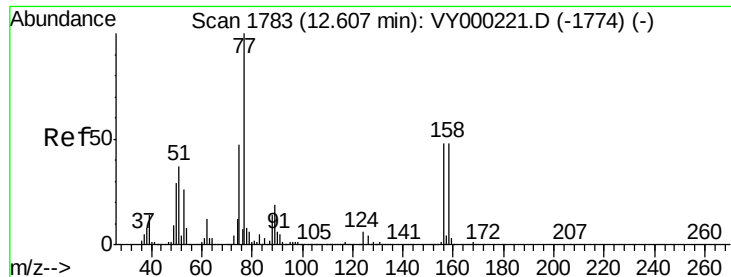
Delta R.T. 0.01 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	75	Resp:	447549
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 85.086 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

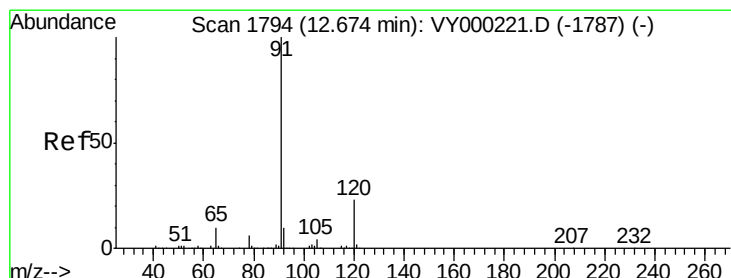
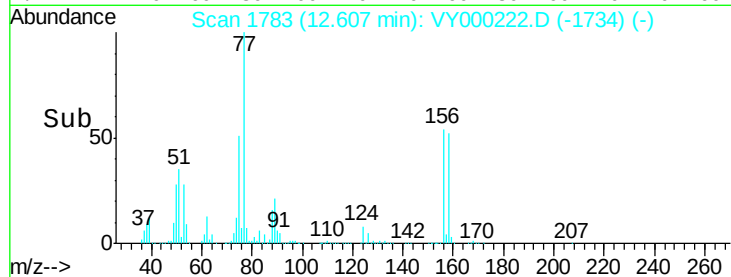
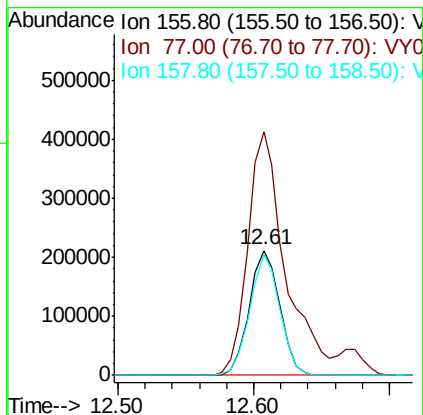
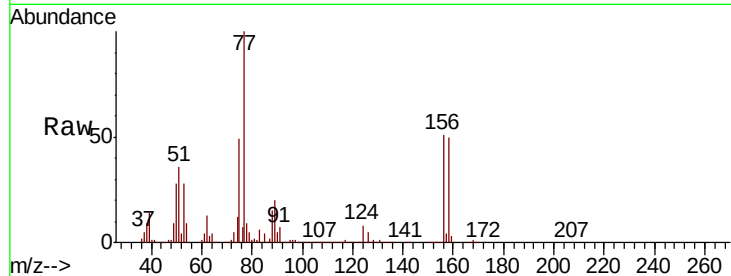
ClientSampleId :

VSTDIC075

Tot Ion:	156	Resp:	333415
Ion Ratio	Lower	Upper	
156	100		
77	238.0	93.3	279.8
158	95.4	49.3	147.8

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#78

n-propylbenzene

Concen: 105.919 ug/l

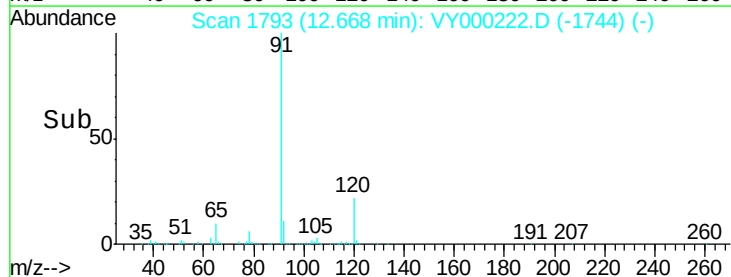
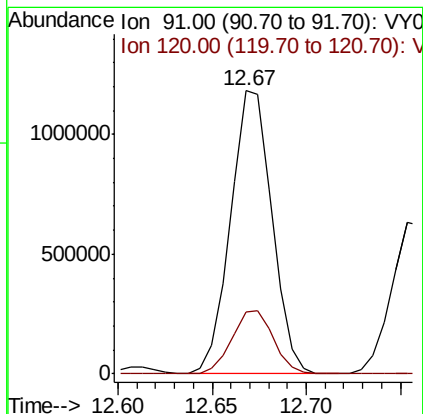
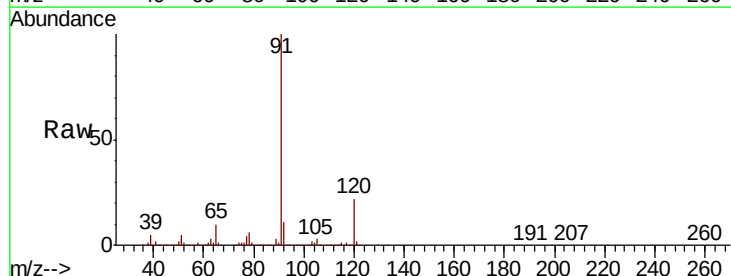
RT: 12.67 min Scan# 1793

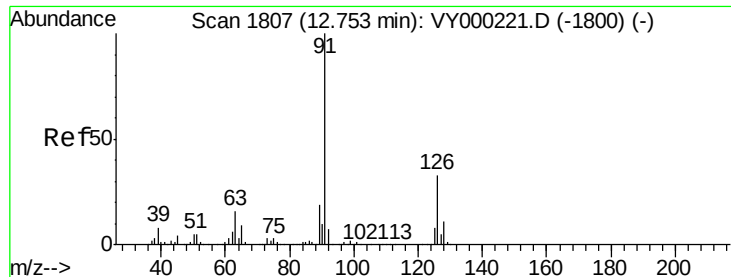
Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	91	Resp:	1802266
Ion Ratio	Lower	Upper	
91	100		
120	22.4	12.5	37.5





#79

2-Chlorotoluene

Concen: 103.444 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 995155

Ion Ratio Lower Upper

91 100

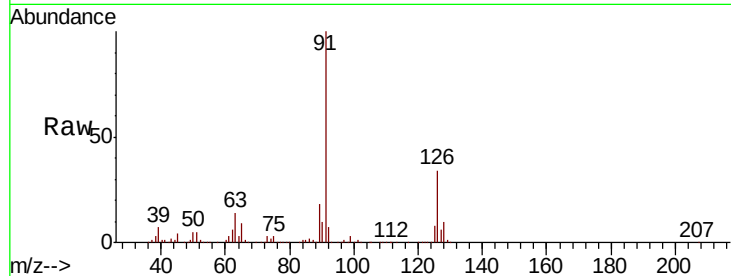
126 34.4 18.9 56.7

Manual Integrations

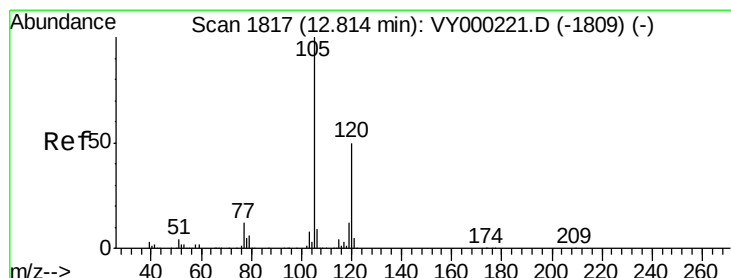
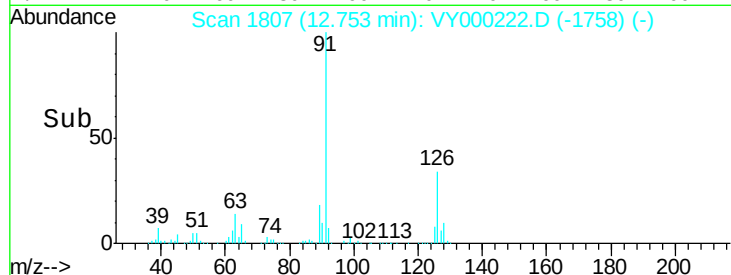
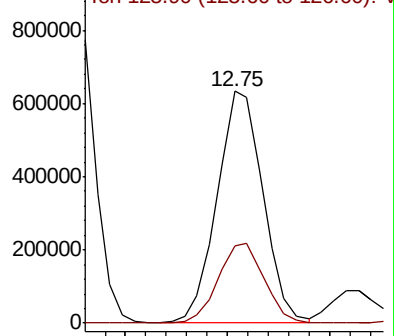
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Abundance Ion 91.00 (90.70 to 91.70): VY000222.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 99.509 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000222.D

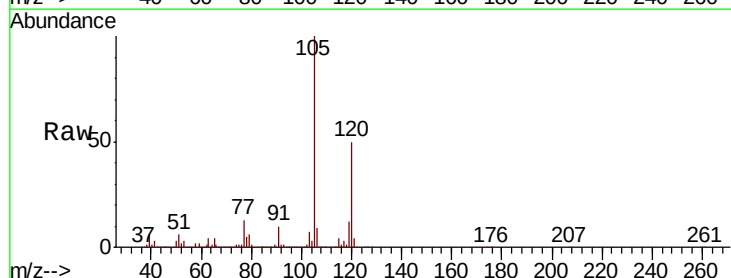
Acq: 08 Oct 2019 14:06

Tgt Ion: 105 Resp: 1250460

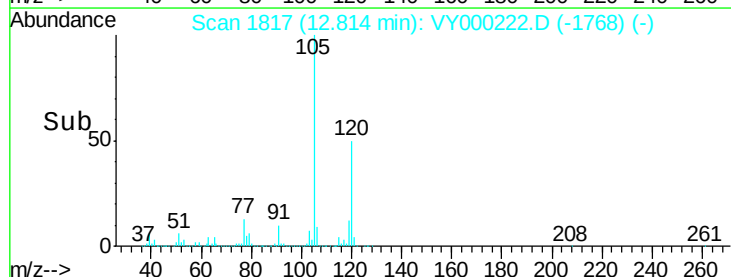
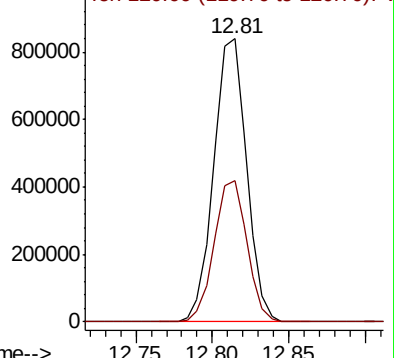
Ion Ratio Lower Upper

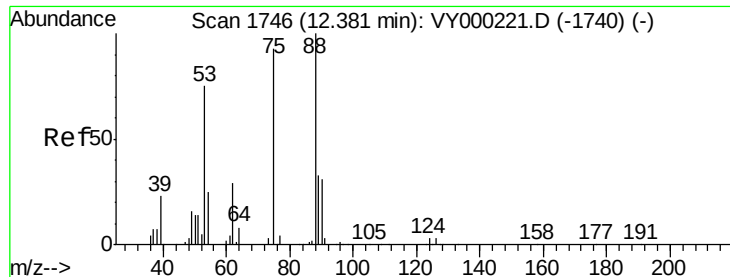
105 100

120 50.0 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY000222.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 118.741 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

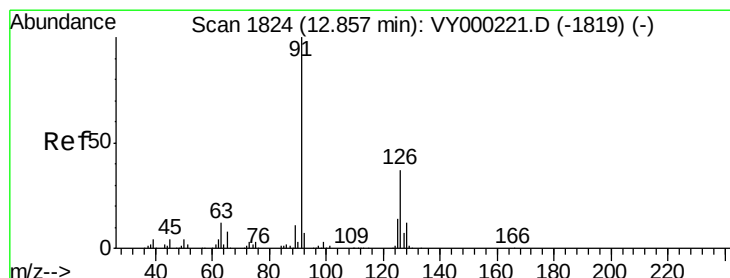
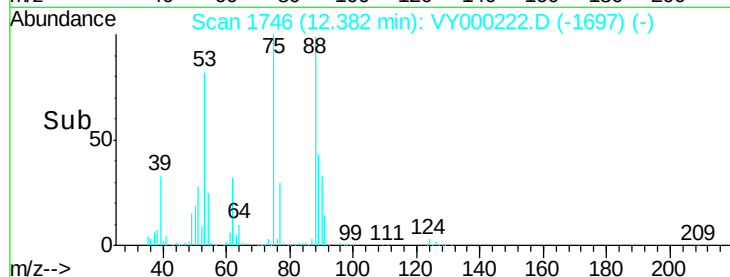
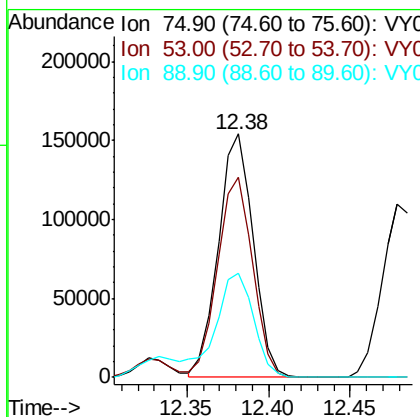
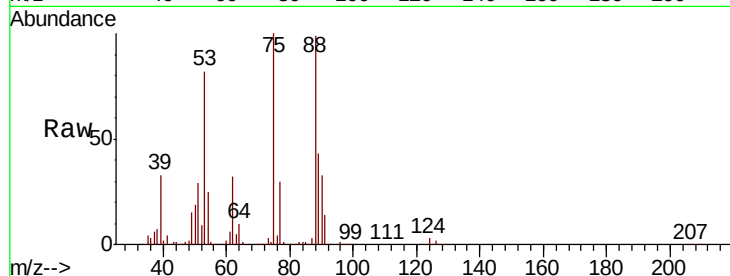
ClientSampleId :

VSTDIC075

Tot Ion:	75	Resp:	230729
Ion	Ratio	Lower	Upper
75	100		
53	82.6	68.1	102.1
89	47.0	40.6	61.0

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#82

4-Chlorotoluene

Concen: 105.430 ug/l

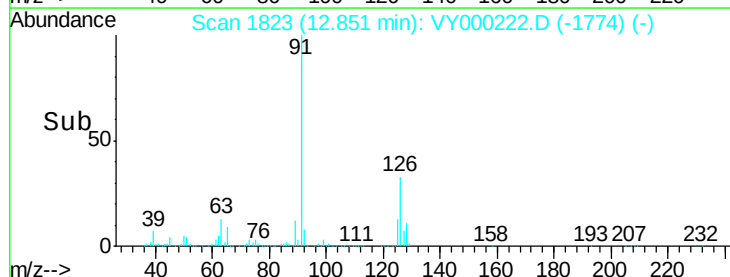
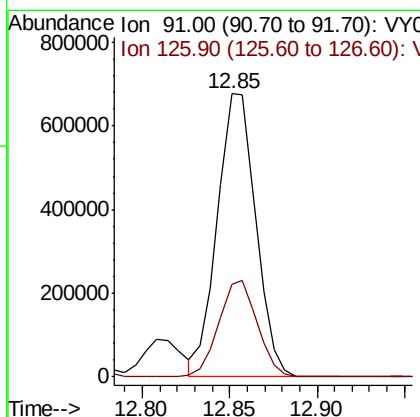
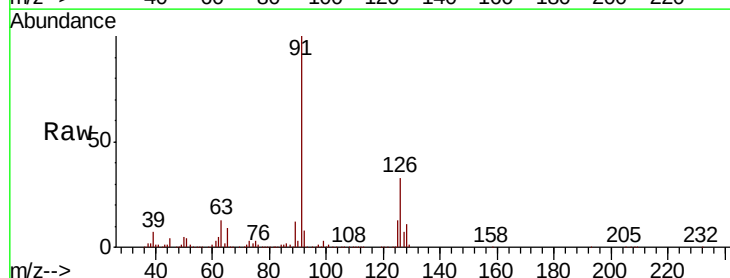
RT: 12.85 min Scan# 1823

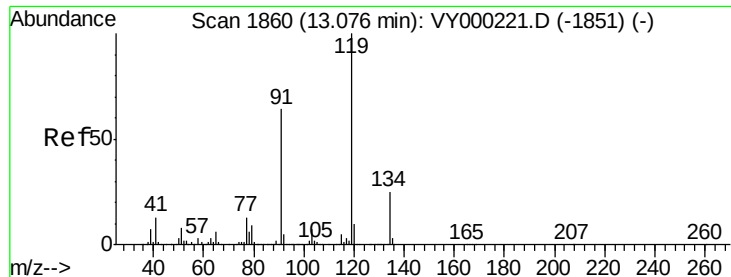
Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Tgt Ion:	91	Resp:	1037043
Ion	Ratio	Lower	Upper
91	100		
126	34.0	18.9	56.9





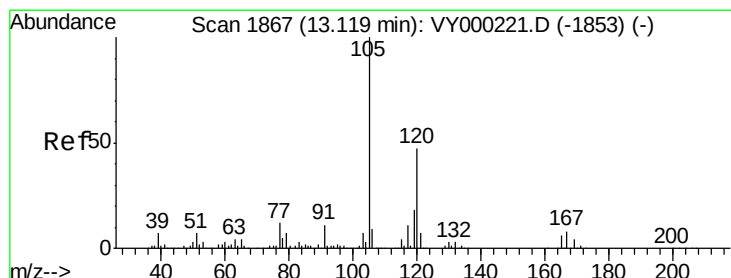
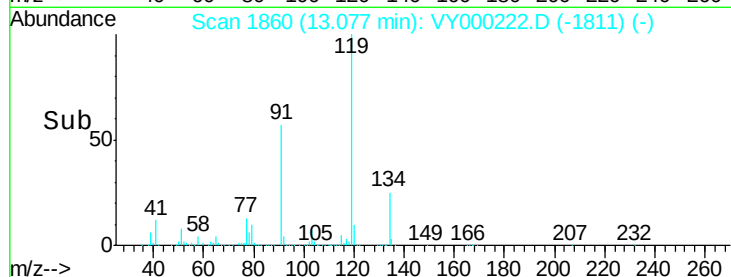
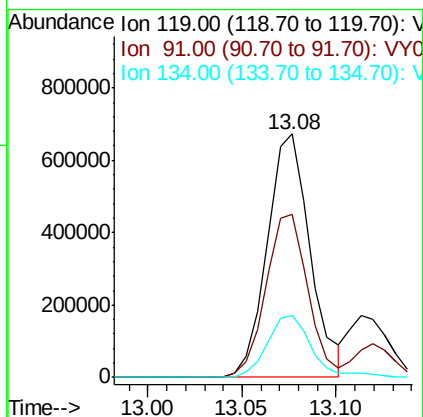
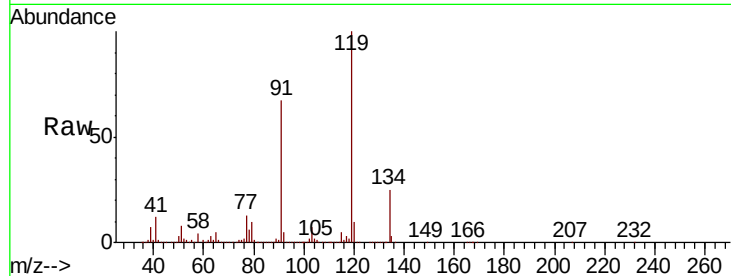
#83
 tert-Butylbenzene
 Concen: 93.687 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion:119 Resp: 1064203
 Ion Ratio Lower Upper
 119 100
 91 65.3 30.4 91.3
 134 26.3 13.7 41.0

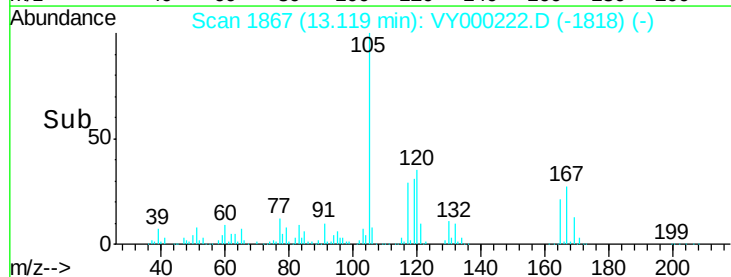
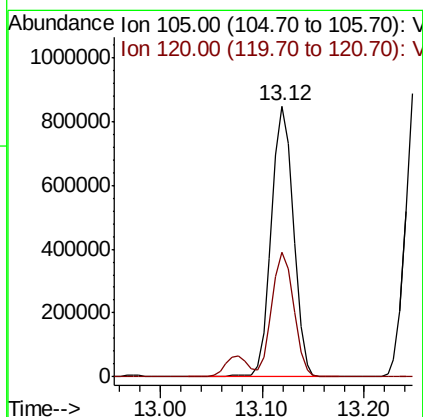
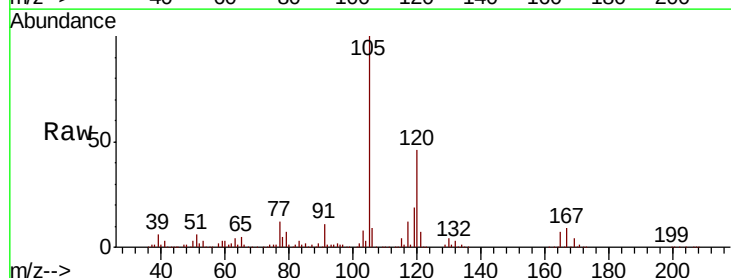
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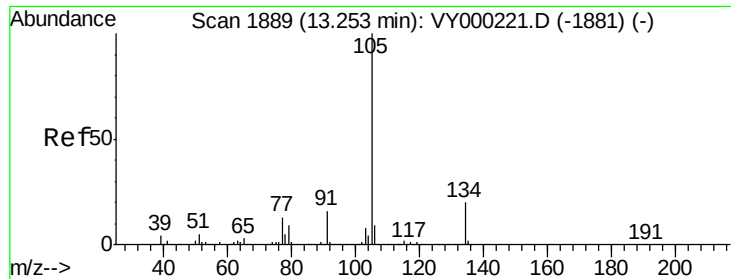
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.667 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion:105 Resp: 1266855
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 98.534 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 1516274

Ion Ratio Lower Upper

105 100

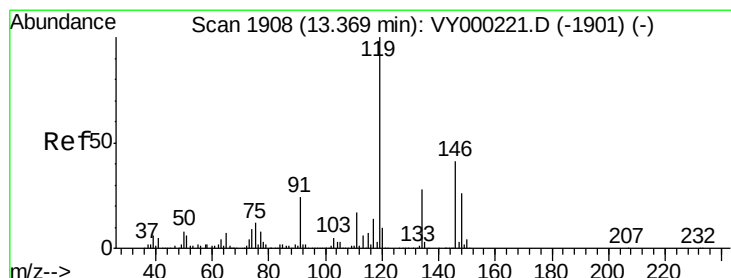
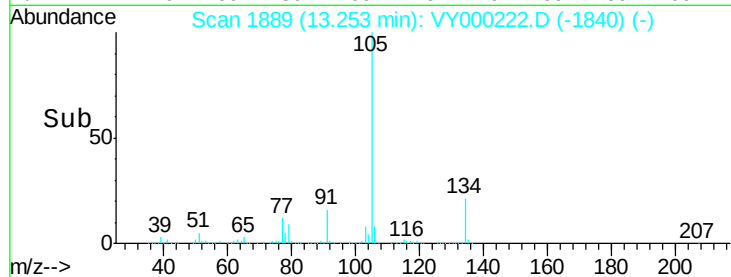
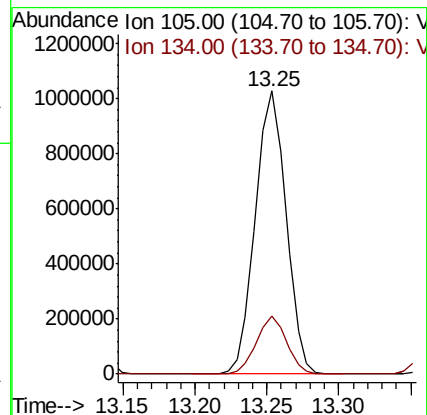
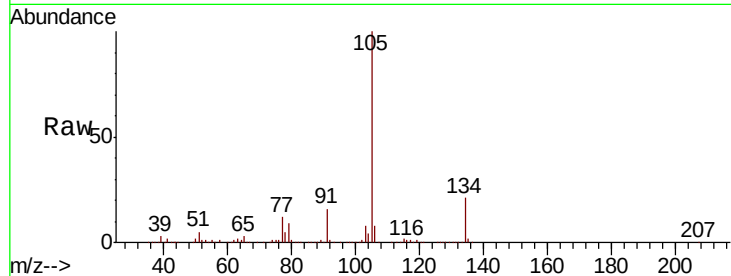
134 20.2 11.0 33.0

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#86

p-Isopropyltoluene

Concen: 96.255 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000222.D

Acq: 08 Oct 2019 14:06

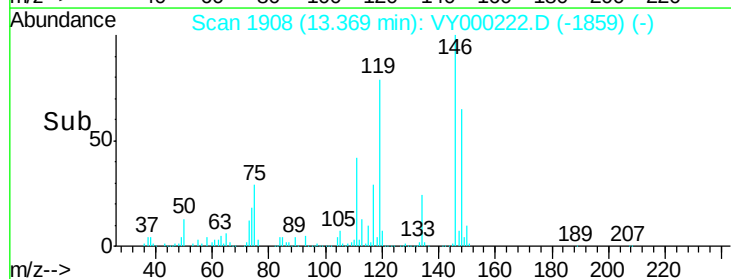
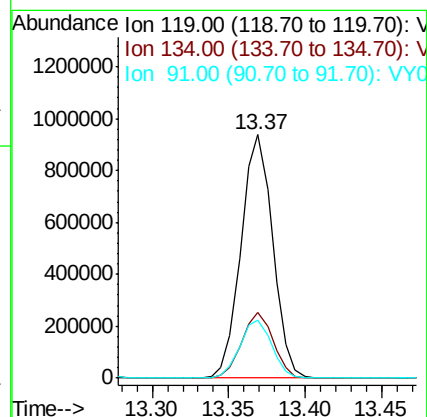
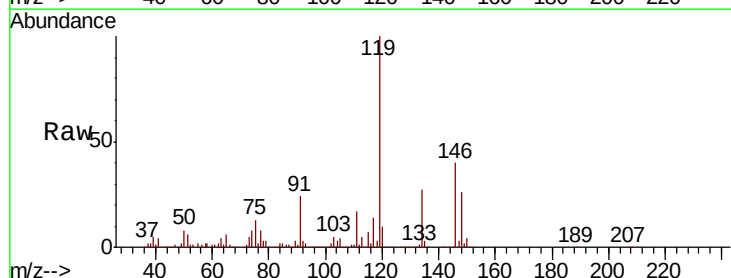
Tgt Ion:119 Resp: 1345432

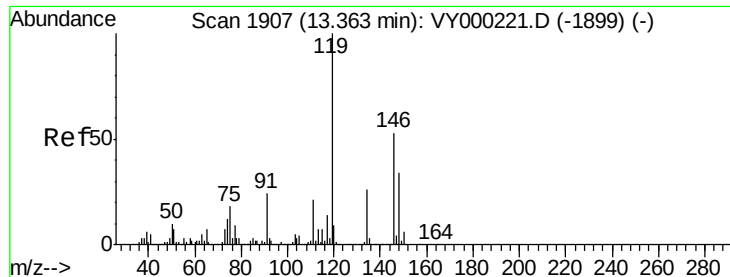
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 24.0 10.9 32.9





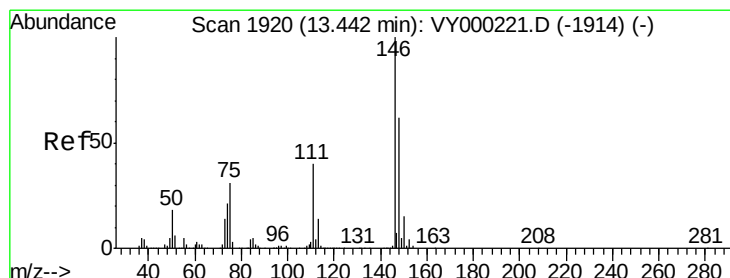
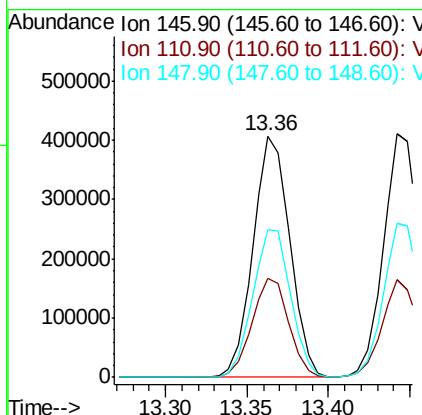
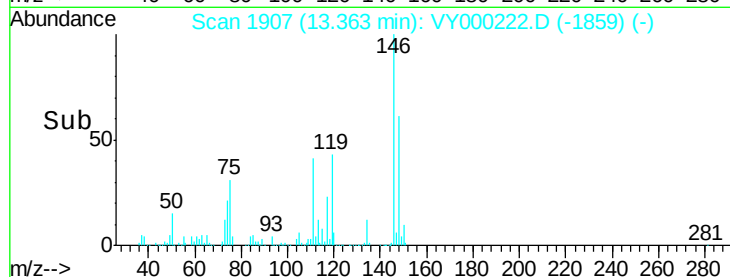
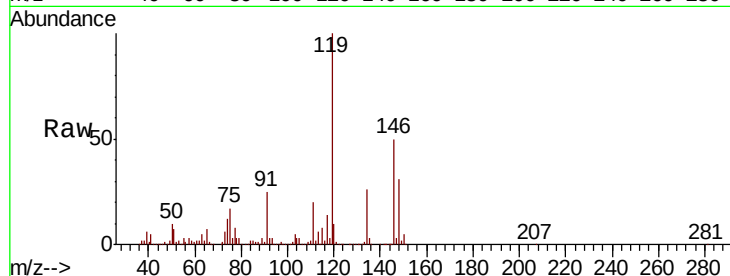
#87
 1,3-Dichlorobenzene
 Concen: 88.184 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.0	54.0
148	62.8	31.9	95.5

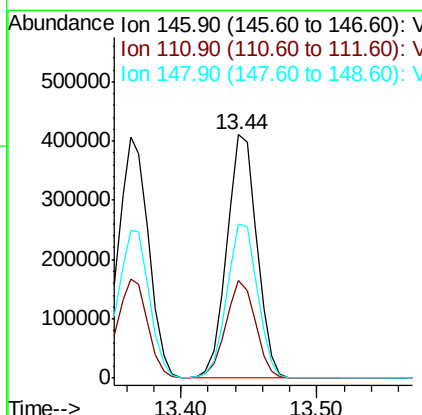
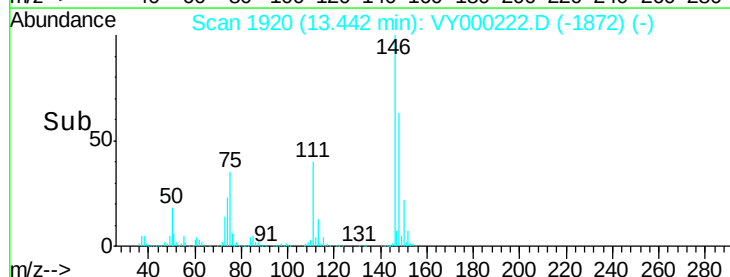
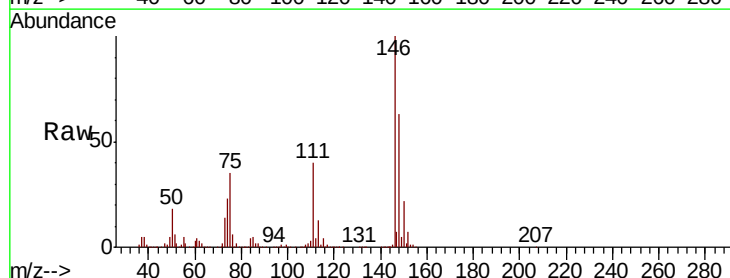
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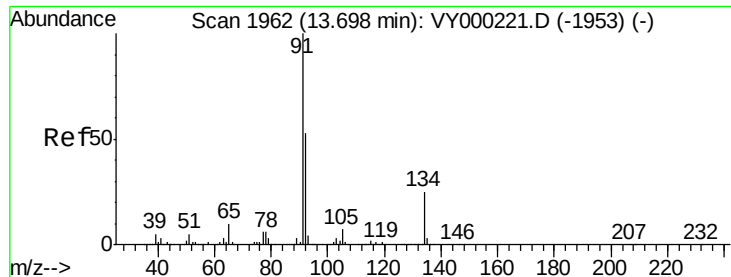
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#88
 1,4-Dichlorobenzene
 Concen: 86.748 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.1	54.1
148	64.4	31.9	95.7





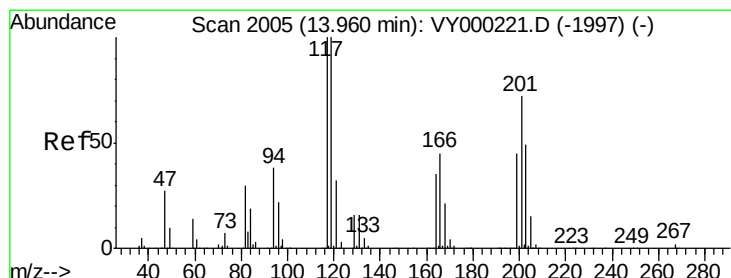
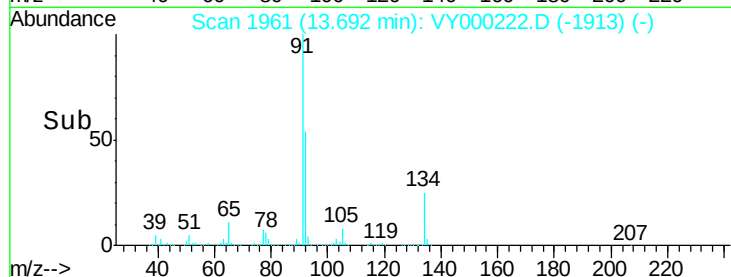
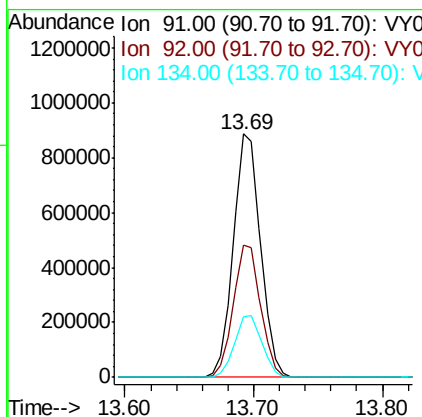
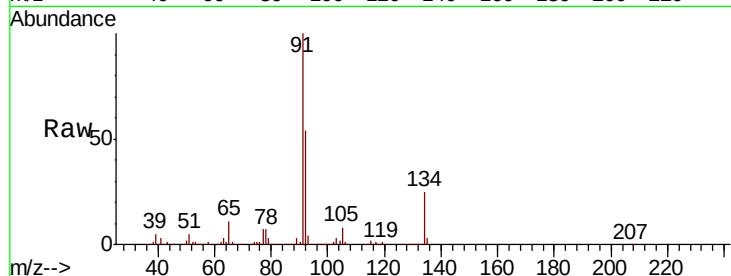
#89
n-Butylbenzene
Concen: 106.203 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.0	81.0
134	25.5	14.6	44.0

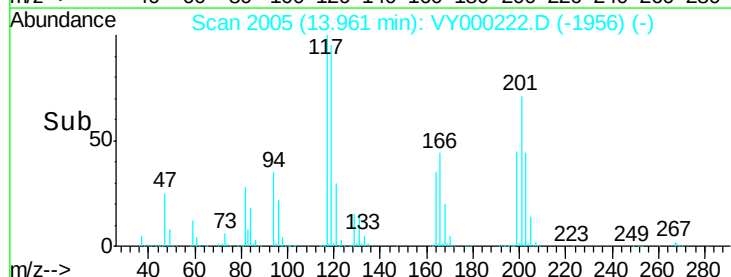
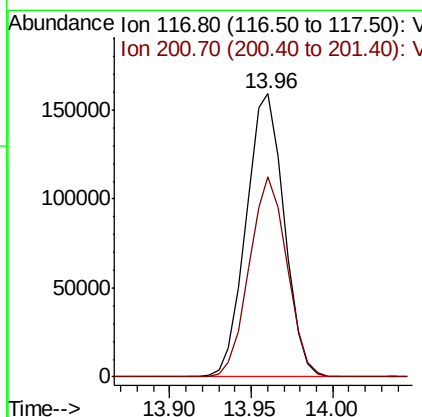
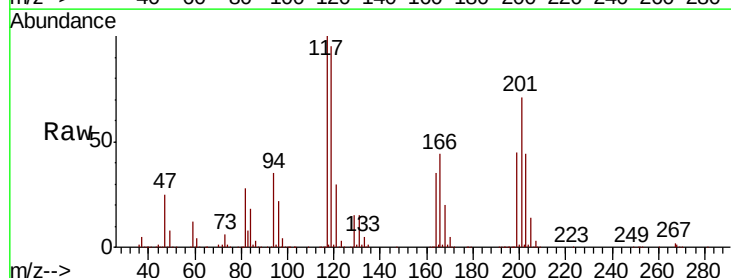
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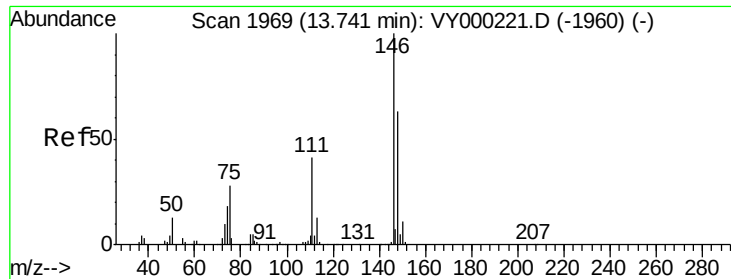
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#90
Hexachloroethane
Concen: 98.246 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	41.2	123.6





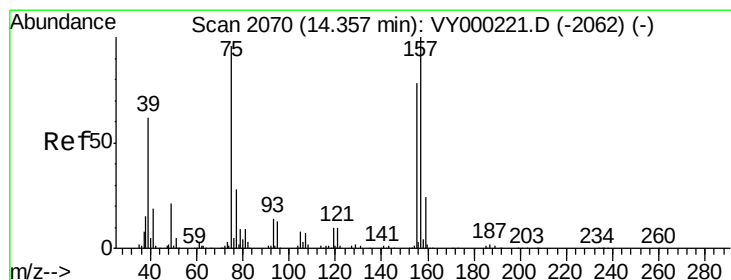
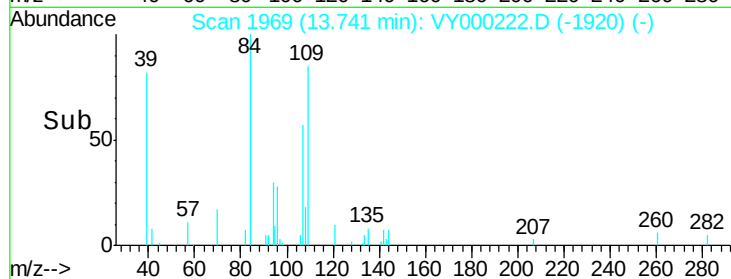
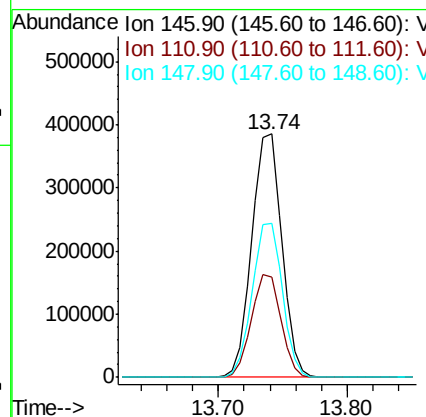
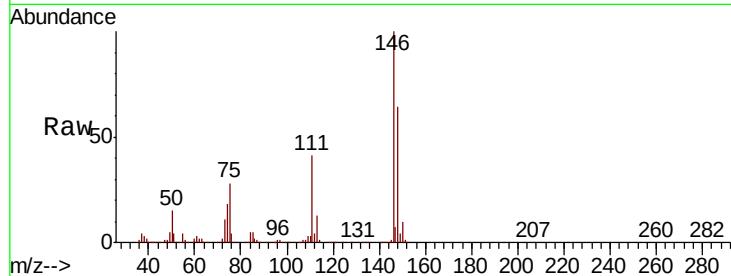
#91
 1,2-Dichlorobenzene
 Concen: 88.054 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.5	58.5
148	63.6	31.4	94.3

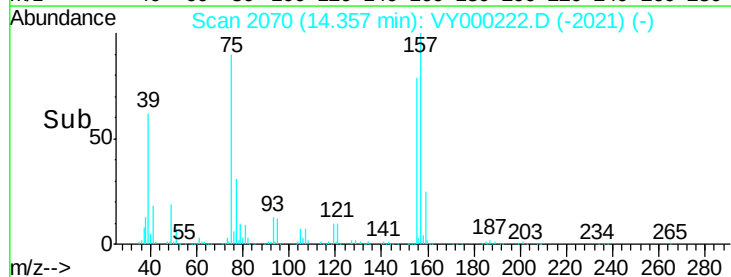
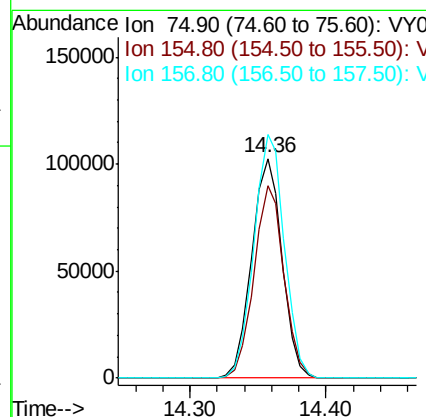
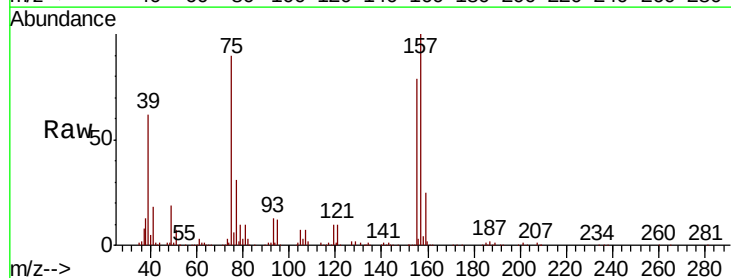
Manual Integrations
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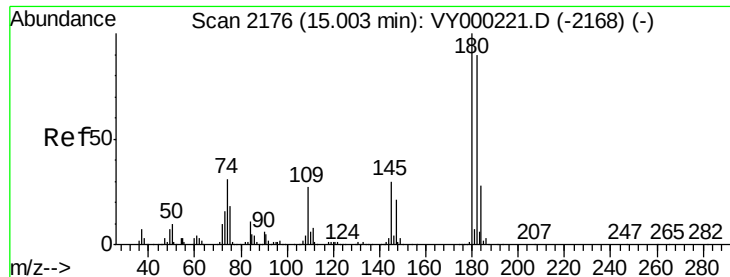
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 10/10/2019 12:52:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.776 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	52.0	156.0
157	111.6	65.8	197.3





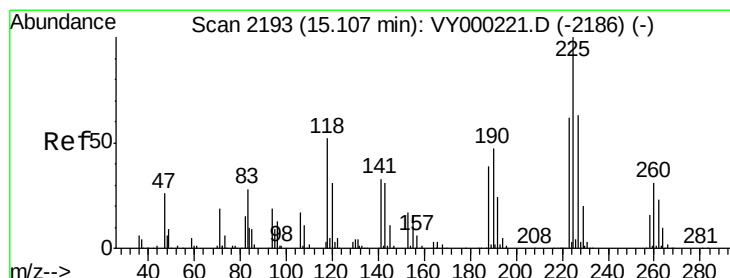
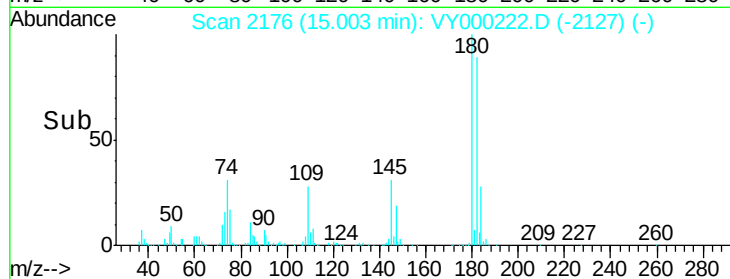
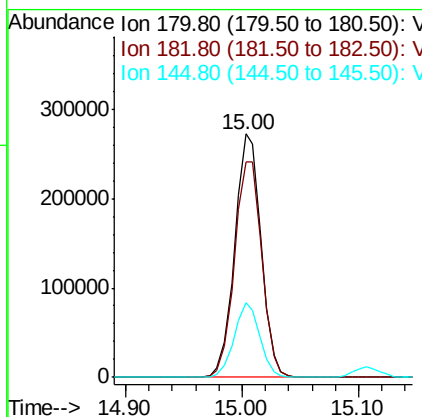
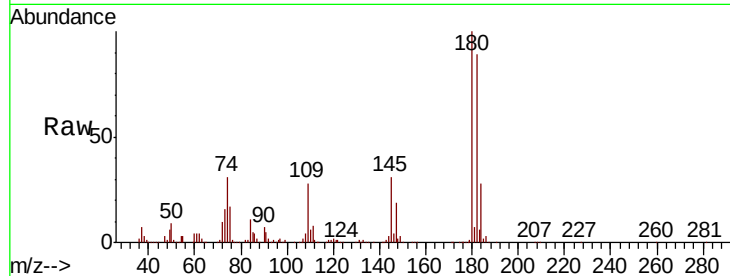
#93
 1,2,4-Trichlorobenzene
 Concen: 84.684 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	427079		
182	92.5	47.4	142.2	
145	29.9	14.1	42.3	

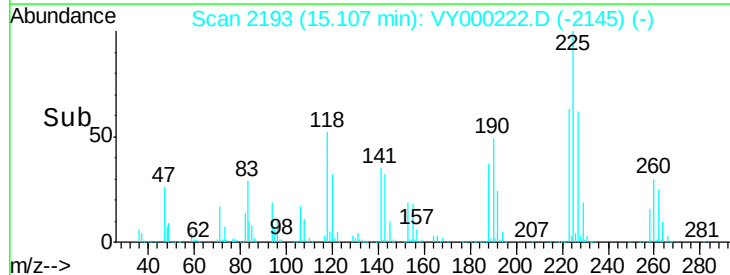
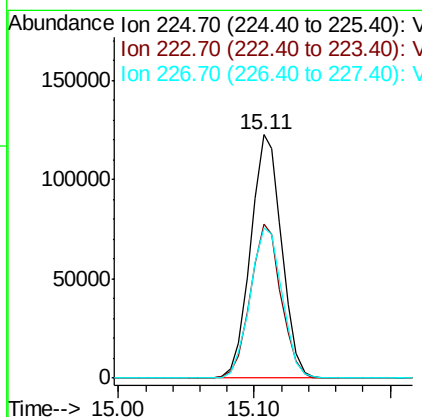
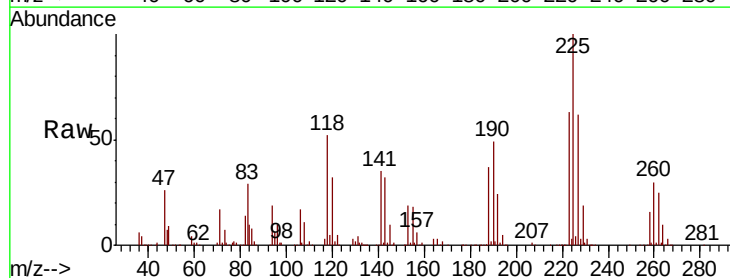
Manual Integrations
 APPROVED

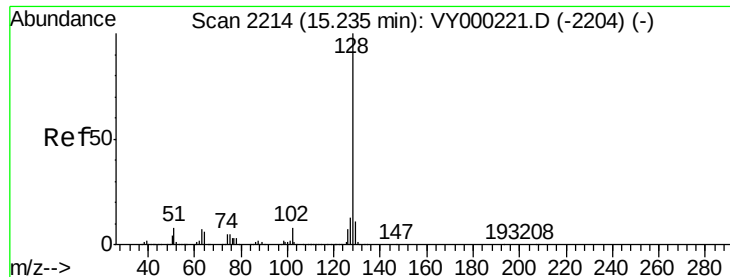
MMDadoda
 10/10/2019 12:52:22 AM



#94
 Hexachlorobutadiene
 Concen: 72.508 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000222.D
 Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195420		
223	62.6	31.9	95.5	
227	63.7	32.5	97.5	





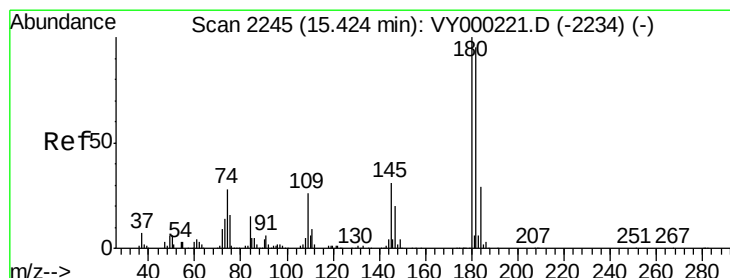
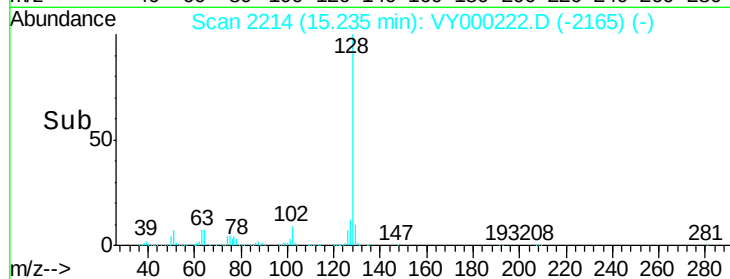
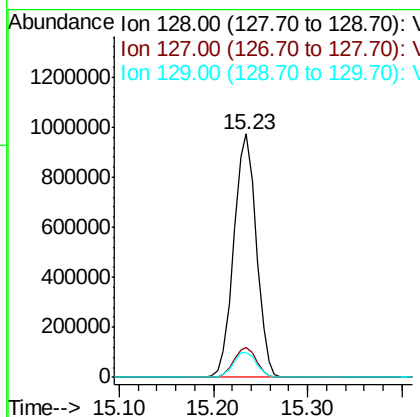
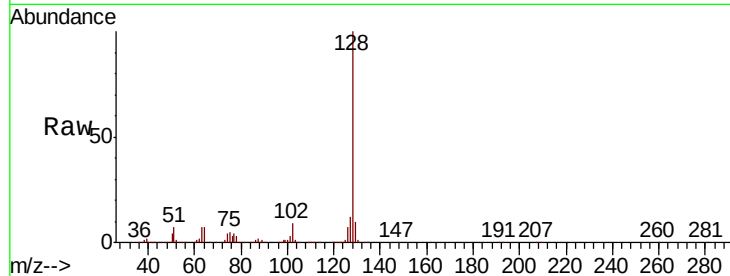
#95
Naphthalene
Concen: 94.437 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 81.103 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000222.D
Acq: 08 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.3	144.8
145	33.0	14.9	44.9

