

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000248.D
 Acq On : 09 Oct 2019 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:47 AM

Quant Time: Oct 10 02:06:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155741	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.73	113	126131	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.19	98	487014	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.49	95	176753	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121603	49.470	ug/l	98
3) Chloromethane	2.12	50	160161	47.845	ug/l	99
4) Vinyl Chloride	2.25	62	165822	47.979	ug/l	100
5) Bromomethane	2.63	94	104240	47.802	ug/l	100
6) Chloroethane	2.79	64	104510	47.875	ug/l	94
7) Trichlorofluoromethane	3.13	101	218227	48.860	ug/l	98
8) Diethyl Ether	3.54	74	92838	45.463	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	126811	48.631	ug/l	99
10) Methyl Iodide	4.10	142	207618	49.031	ug/l	98
11) Tert butyl alcohol	4.97	59	424001	246.449	ug/l	99
12) 1,1-Dichloroethene	3.87	96	131239	48.479	ug/l	95
13) Acrolein	3.74	56	186193	206.174	ug/l	99
14) Allyl chloride	4.49	41	213933	46.899	ug/l	98
15) Acrylonitrile	5.18	53	735743	242.260	ug/l	99
16) Acetone	3.96	43	650066	259.184	ug/l	97
17) Carbon Disulfide	4.19	76	371035	46.503	ug/l	100
18) Methyl Acetate	4.49	43	339156	49.343	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	489093	49.384	ug/l	97
20) Methylene Chloride	4.72	84	149889	45.490	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	145760	47.863	ug/l	98
22) Diisopropyl ether	6.13	45	519985	49.202	ug/l	97
23) Vinyl Acetate	6.07	43	2419898	231.701	ug/l	99
24) 1,1-Dichloroethane	6.04	63	263744	48.926	ug/l	98
25) 2-Butanone	7.00	43	1209991	260.776	ug/l	99
26) 2,2-Dichloropropane	6.99	77	220865	45.388	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	168145	46.874	ug/l	100
28) Bromochloromethane	7.35	49	93150	52.499	ug/l	100
29) Tetrahydrofuran	7.36	42	833546	254.367	ug/l	100
30) Chloroform	7.52	83	266788	47.688	ug/l	97
31) Cyclohexane	7.79	56	248499	45.639	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	233964	49.191	ug/l	99
36) 1,1-Dichloropropene	7.93	75	198254	47.641	ug/l	100
37) Ethyl Acetate	7.09	43	379883	50.496	ug/l	100
38) Carbon Tetrachloride	7.91	117	203983	50.293	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	253452	48.549	ug/l	97
40) Benzene	8.17	78	625624	49.560	ug/l	99
41) Methacrylonitrile	7.35	41	336006m	56.745	ug/l	
42) 1,2-Dichloroethane	8.25	62	210962	51.450	ug/l	99
43) Isopropyl Acetate	8.28	43	493649	50.979	ug/l	99
44) Trichloroethene	8.95	130	168348	49.178	ug/l	96
45) 1,2-Dichloropropane	9.22	63	157312	49.752	ug/l	100
46) Dibromomethane	9.32	93	108111	48.772	ug/l	98
47) Bromodichloromethane	9.50	83	217139	50.078	ug/l	95
48) Methyl methacrylate	9.30	41	220078	50.352	ug/l	98
49) 1,4-Dioxane	9.31	88	116930	1042.169	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	1949929	267.943	ug/l	99
52) Toluene	10.25	92	397920	49.146	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	250760	50.975	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	259739	48.797	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	161080	50.455	ug/l	99
56) Ethyl methacrylate	10.52	69	286302	50.937	ug/l	96
57) 1,3-Dichloropropane	10.80	76	273013	50.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	687149	274.274	ug/l	100
59) 2-Hexanone	10.84	43	1689845	262.310	ug/l	98
60) Dibromochloromethane	10.99	129	173715	51.463	ug/l	98
61) 1,2-Dibromoethane	11.10	107	171024	50.432	ug/l	99
64) Tetrachloroethene	10.72	164	168896	48.933	ug/l	96
65) Chlorobenzene	11.52	112	412155	47.100	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	155204	49.611	ug/l	99
67) Ethyl Benzene	11.60	91	753822	48.189	ug/l	99
68) m/p-Xylenes	11.70	106	583162	97.701	ug/l	99
69) o-Xylene	12.03	106	285079	49.576	ug/l	96
70) Styrene	12.05	104	489865	49.457	ug/l	99
71) Bromoform	12.21	173	132684	51.399	ug/l #	98
73) Isopropylbenzene	12.33	105	747994	47.944	ug/l	99
74) N-amyl acetate	12.14	43	400231	48.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	257225	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	250241m	51.480	ug/l	
77) Bromobenzene	12.61	156	171887	46.983	ug/l	99
78) n-propylbenzene	12.67	91	880884	48.339	ug/l	98
79) 2-Chlorotoluene	12.76	91	500373	47.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	632120	48.558	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	114642	45.843	ug/l #	90
82) 4-Chlorotoluene	12.86	91	517065	48.656	ug/l	99
83) tert-Butylbenzene	13.08	119	528766	46.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	633371	48.697	ug/l	100
85) sec-Butylbenzene	13.25	105	757755	48.587	ug/l	99
86) p-Isopropyltoluene	13.37	119	668790	48.765	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	317399	47.868	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	328237	47.525	ug/l	99
89) n-Butylbenzene	13.70	91	634693	49.105	ug/l	99
90) Hexachloroethane	13.96	117	127343	49.087	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	317387	47.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	84859	47.215	ug/l	97

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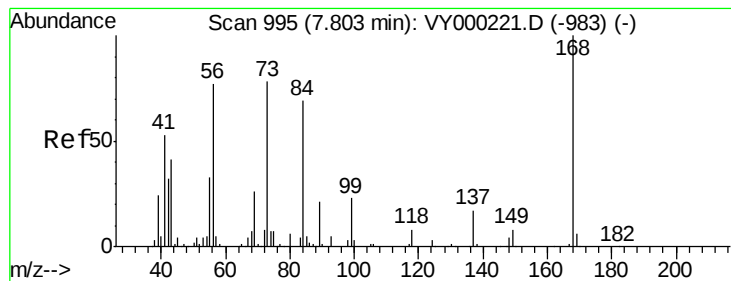
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	212771	46.694	ug/l	99
94) Hexachlorobutadiene	15.11	225	99660	45.767	ug/l	99
95) Naphthalene	15.23	128	835428	48.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	212485	48.478	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 246224

Ion Ratio Lower Upper

168 100

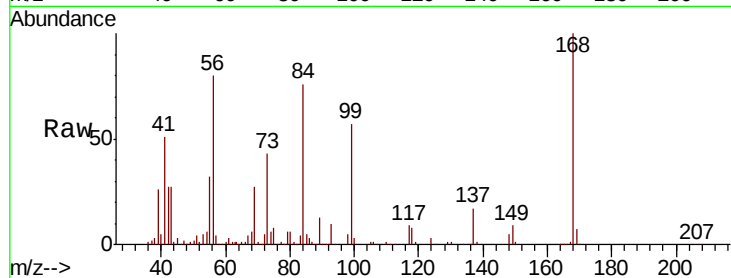
99 57.4 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

120000

100000

80000

60000

40000

20000

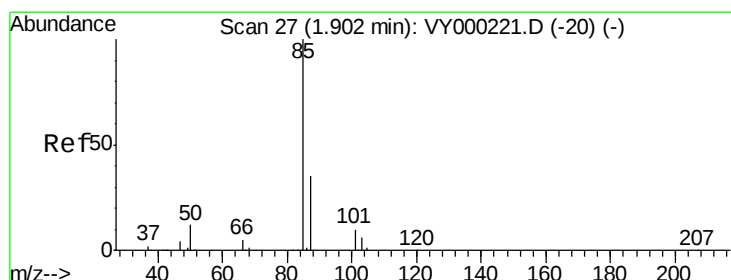
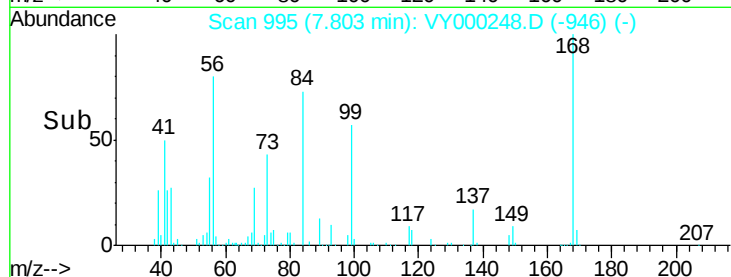
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.470 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000248.D

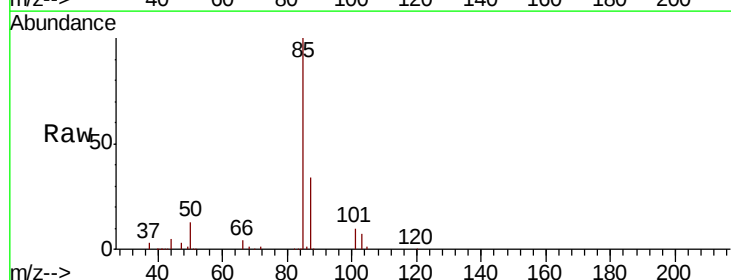
Acq: 09 Oct 2019 16:58

Tgt Ion: 85 Resp: 121603

Ion Ratio Lower Upper

85 100

87 33.6 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

80000

60000

40000

20000

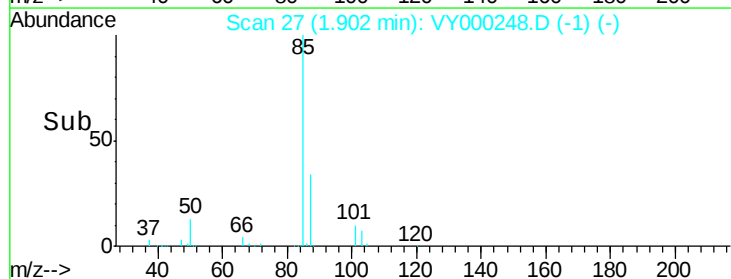
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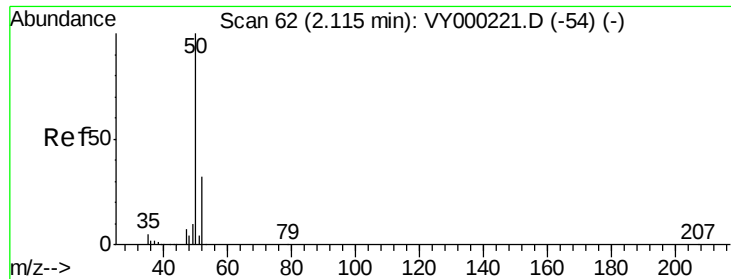
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 47.845 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 160161

Ion Ratio Lower Upper

50 100

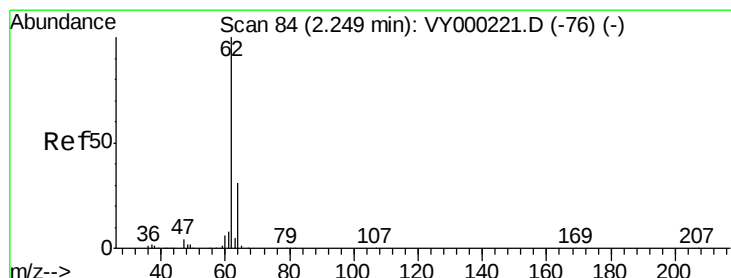
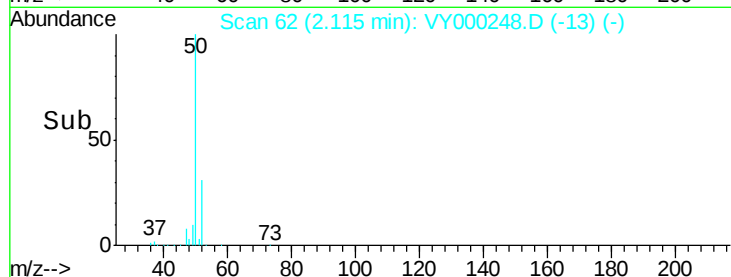
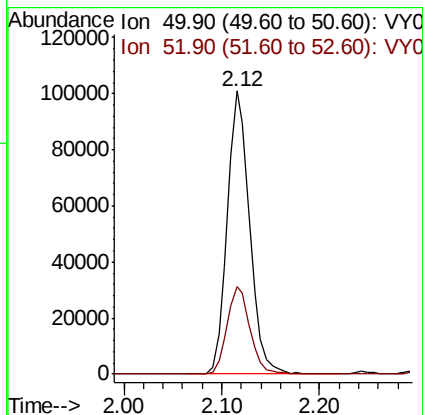
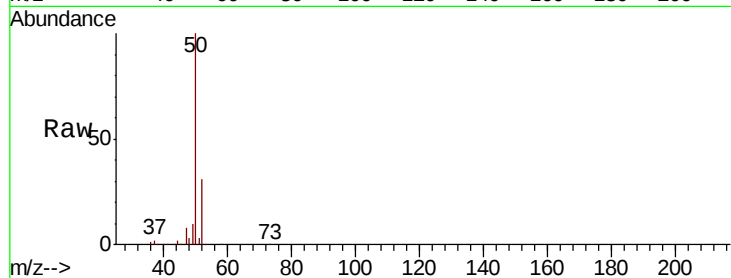
52 31.1 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.979 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000248.D

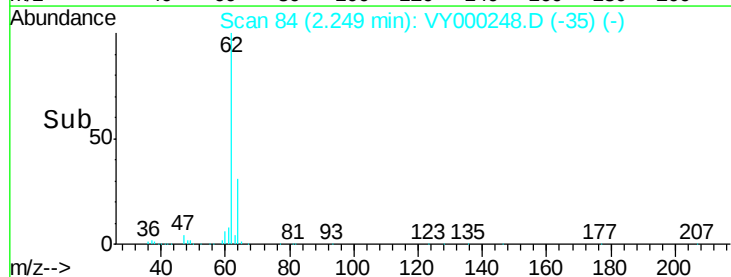
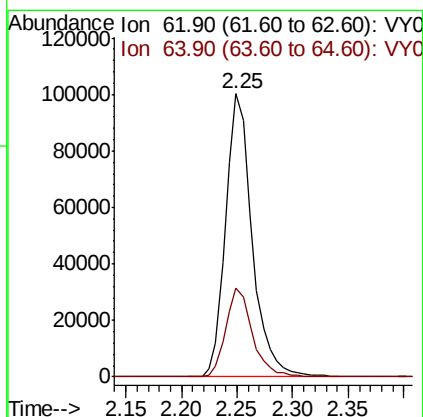
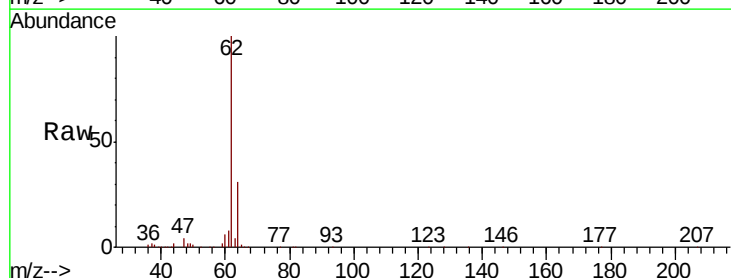
Acq: 09 Oct 2019 16:58

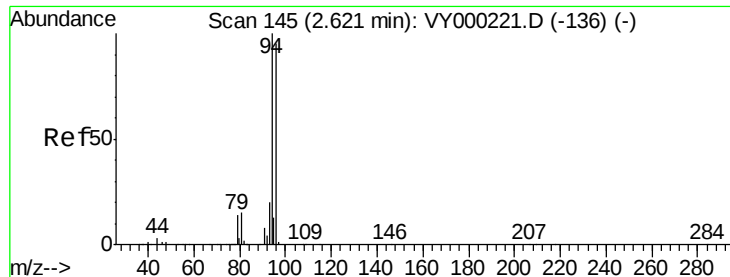
Tgt Ion: 62 Resp: 165822

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.6





#5

Bromomethane

Concen: 47.802 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 104240

Ion Ratio Lower Upper

94 100

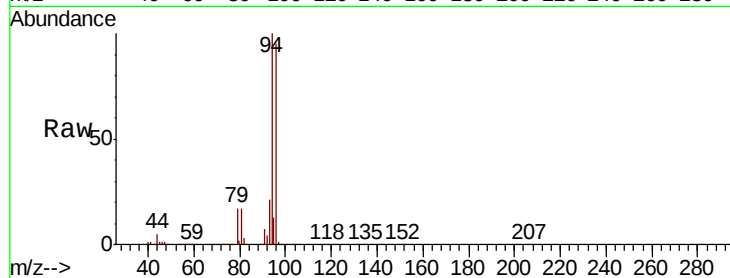
96 95.1 75.7 113.5

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

60000

50000

40000

30000

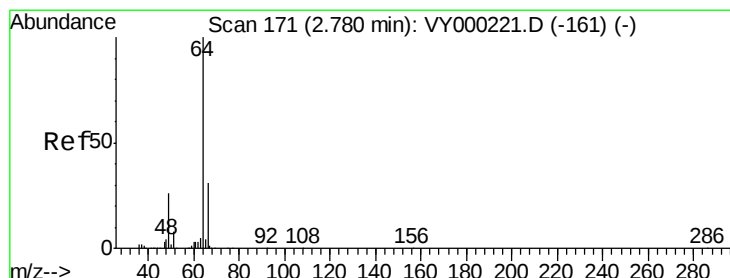
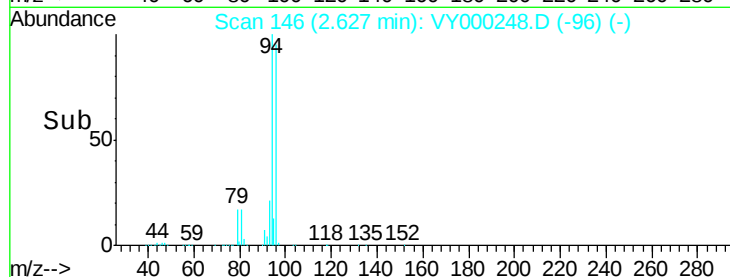
20000

10000

0

2.55 2.60 2.65 2.70

Time-->



#6

Chloroethane

Concen: 47.875 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000248.D

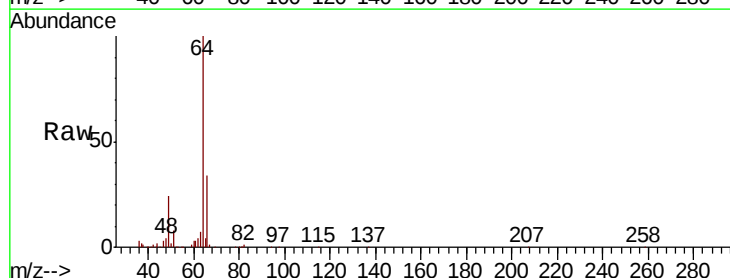
Acq: 09 Oct 2019 16:58

Tgt Ion: 64 Resp: 104510

Ion Ratio Lower Upper

64 100

66 33.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

50000

40000

30000

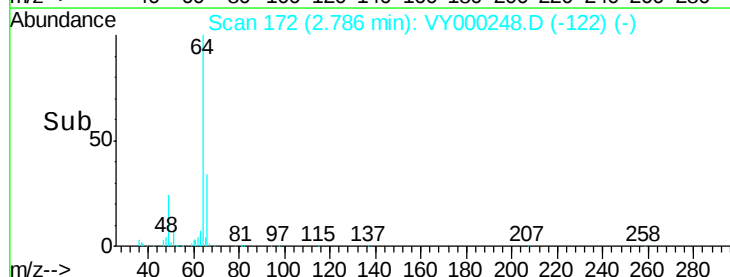
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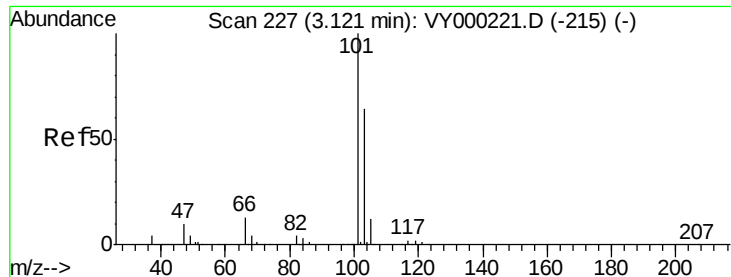
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0

2.70 2.80 2.90 3.00

Time-->





#7

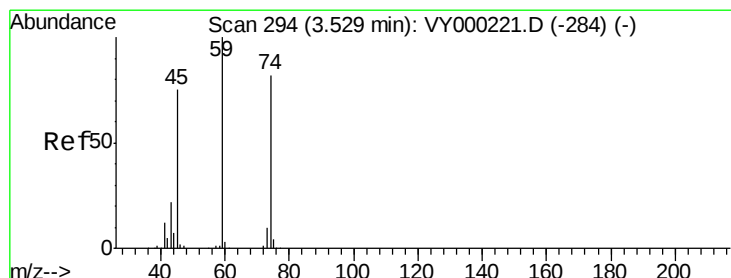
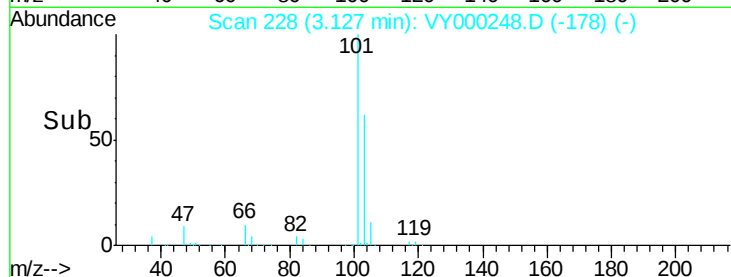
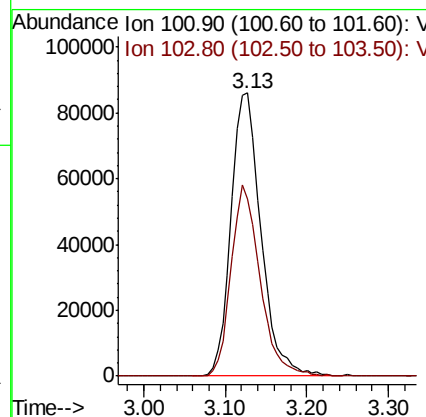
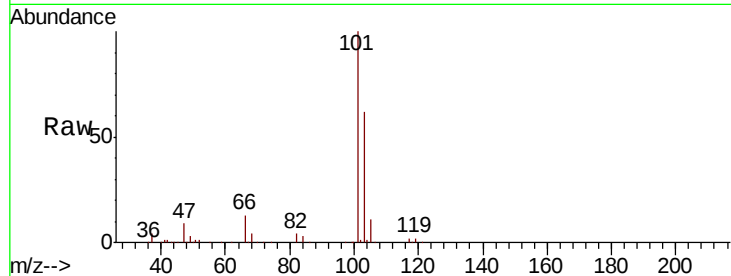
Trichlorofluoromethane
Concen: 48.860 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.0	76.6

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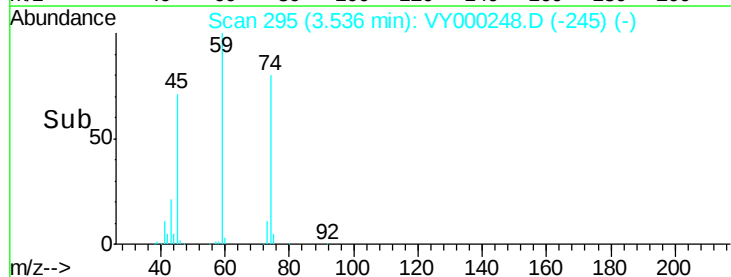
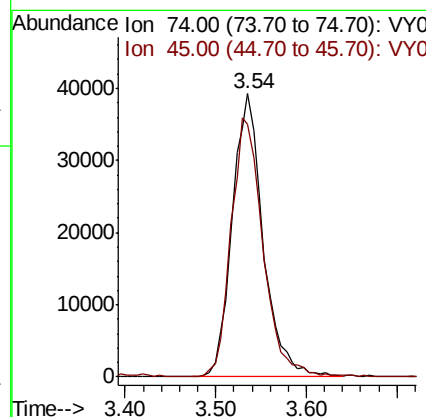
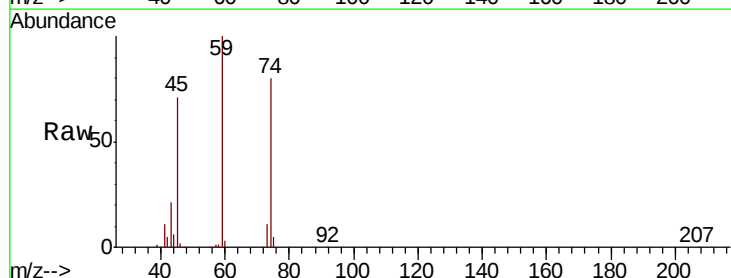
MMDadoda
10/11/2019 8:40:47 AM

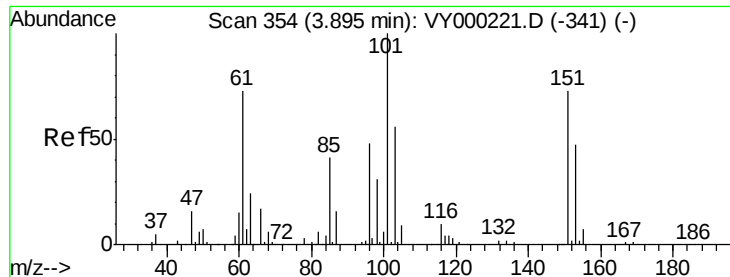


#8

Diethyl Ether
Concen: 45.463 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.631 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

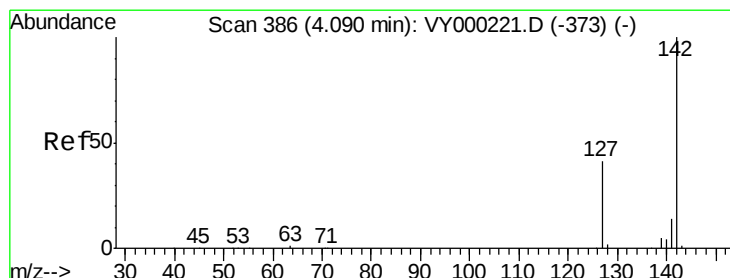
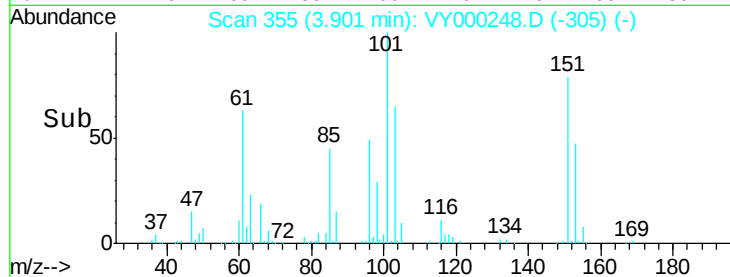
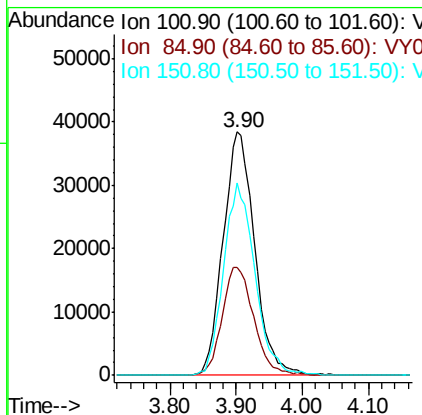
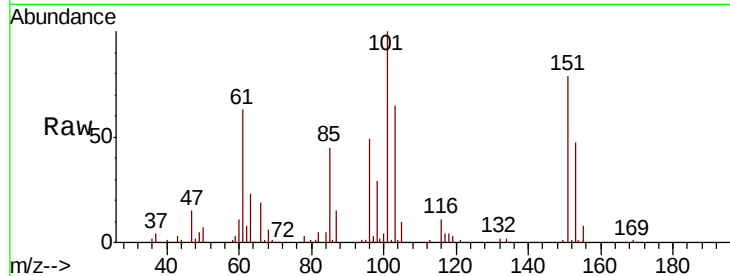
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	126811
Ion Ratio	Lower	Upper	
101	100		
85	44.8	37.0	55.6
151	78.8	63.0	94.4

Manual Integrations
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10/11/2019 8:40:47 AM



#10

Methyl Iodide

Concen: 49.031 ug/l

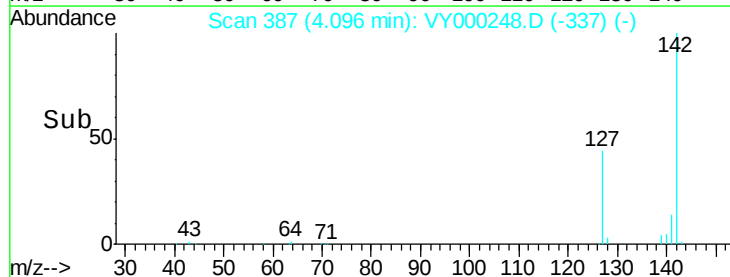
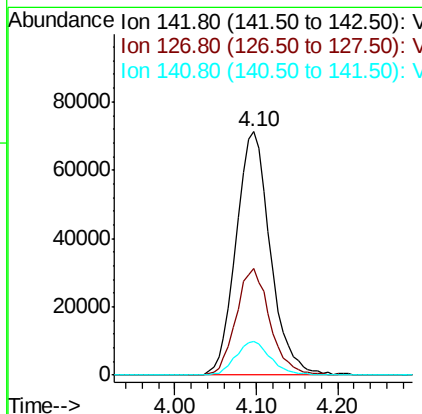
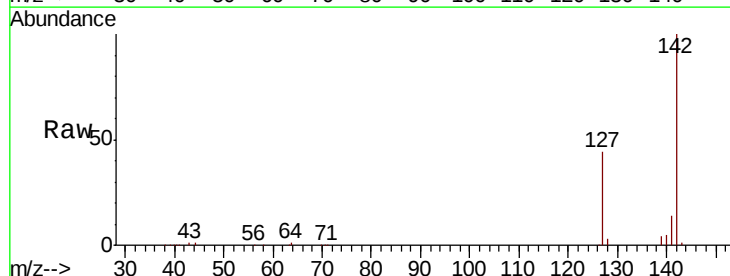
RT: 4.10 min Scan# 387

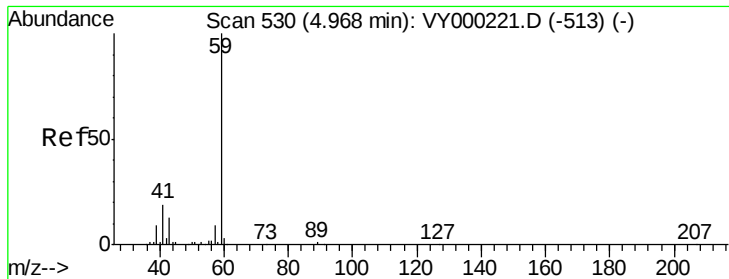
Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion:	142	Resp:	207618
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.0	49.6
141	14.0	11.0	16.4





#11

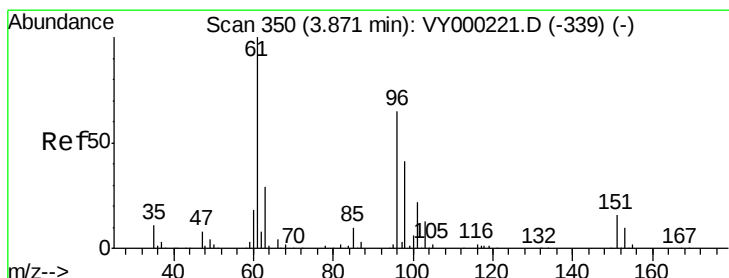
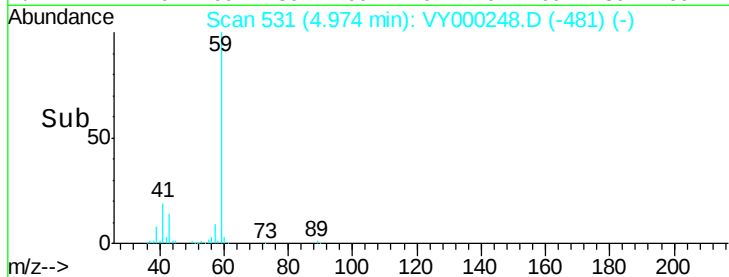
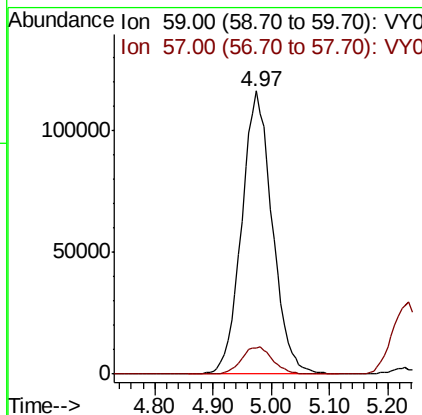
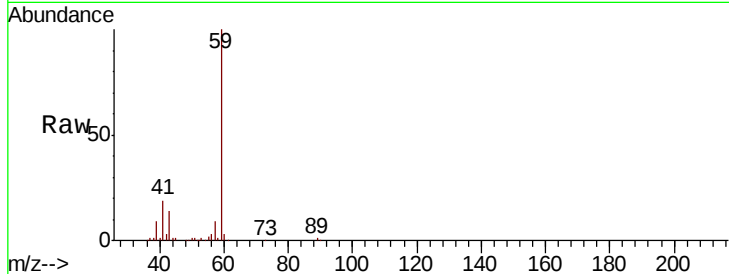
Tert butyl alcohol
Concen: 246.449 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.0	12.0

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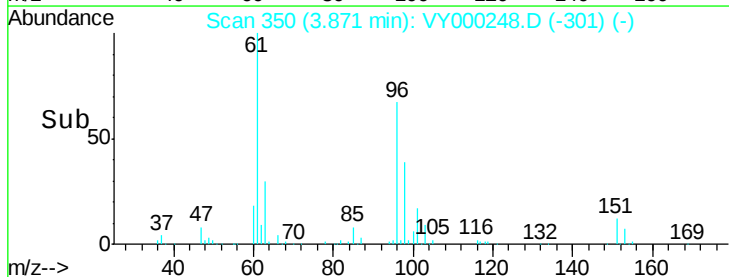
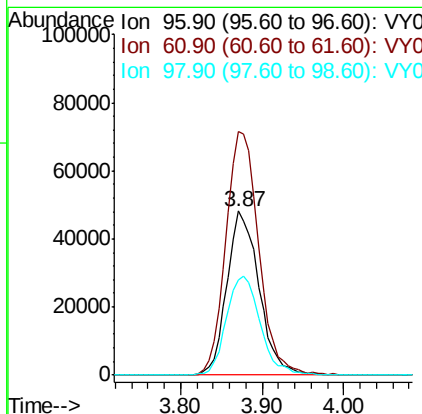
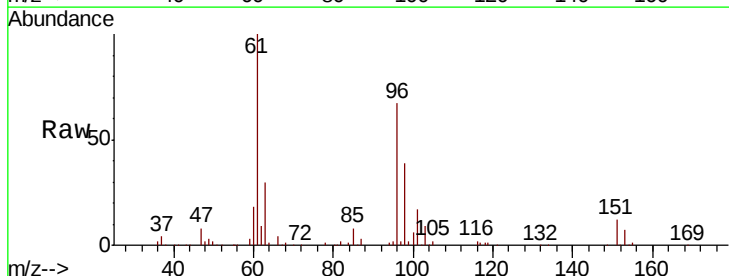
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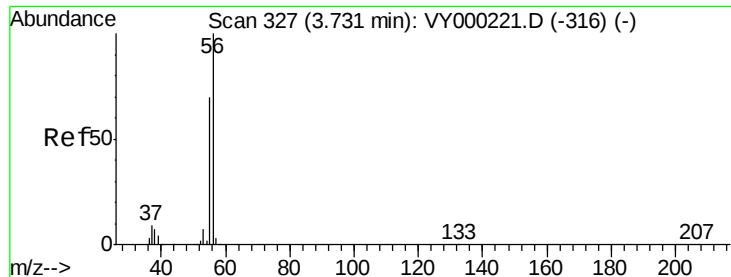


#12

1,1-Dichloroethene
Concen: 48.479 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.4	123.8	185.8
98	58.4	50.9	76.3





#13

Acrolein

Concen: 206.174 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 186193

Ion Ratio Lower Upper

56 100

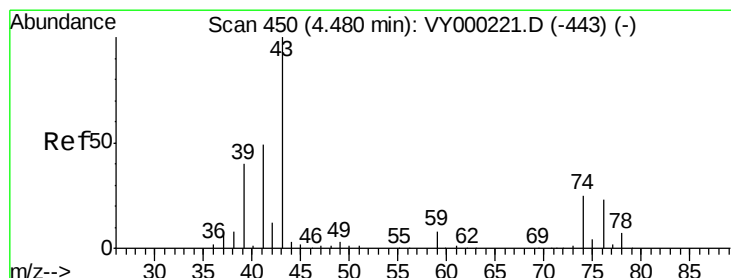
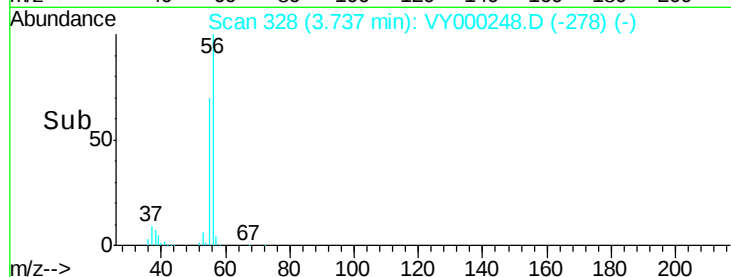
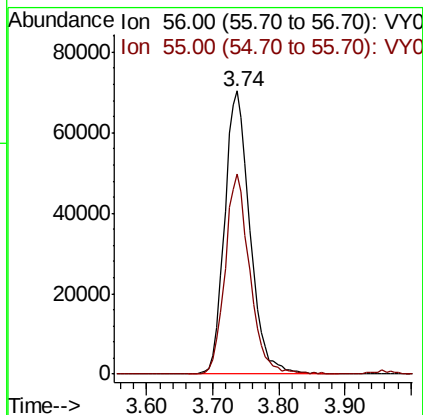
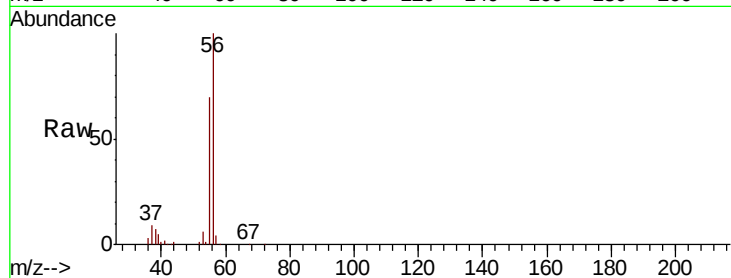
55 68.1 55.2 82.8

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#14

Allyl chloride

Concen: 46.899 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

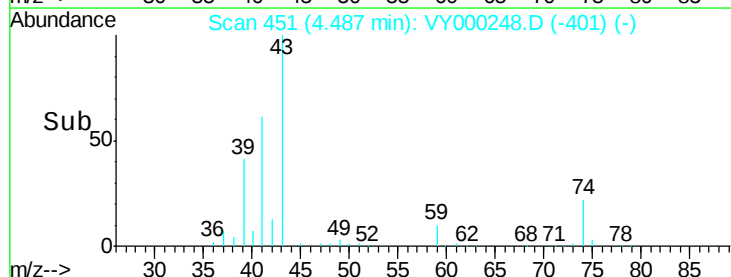
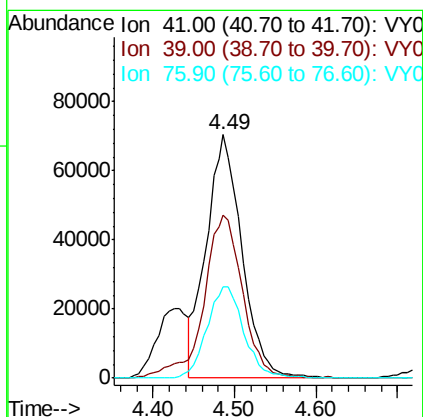
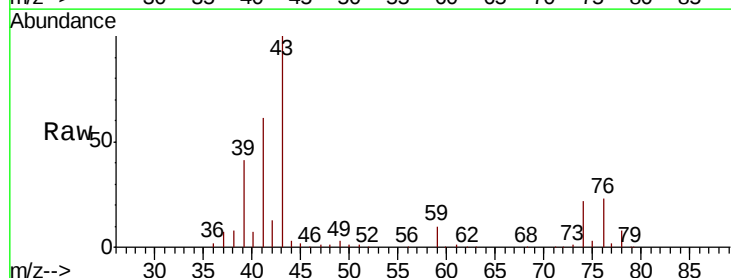
Tgt Ion: 41 Resp: 213933

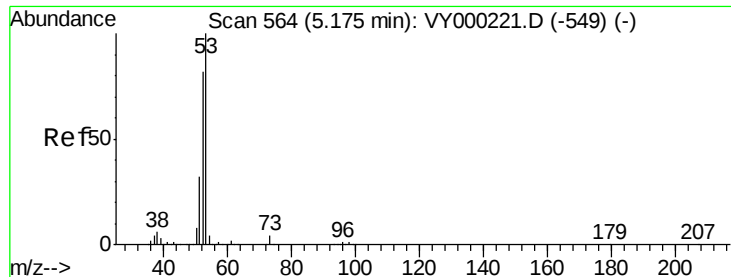
Ion Ratio Lower Upper

41 100

39 72.7 56.4 84.6

76 38.8 30.8 46.2





#15

Acrylonitrile

Concen: 242.260 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

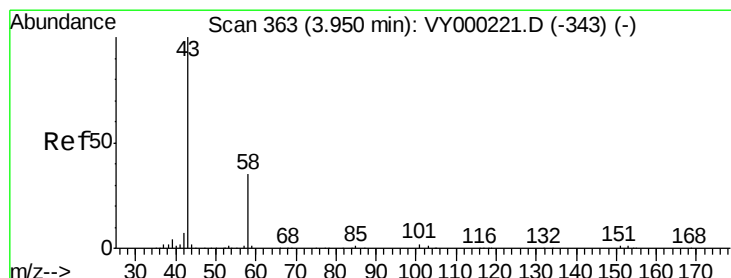
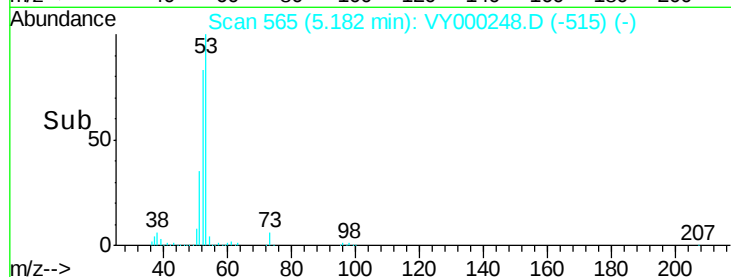
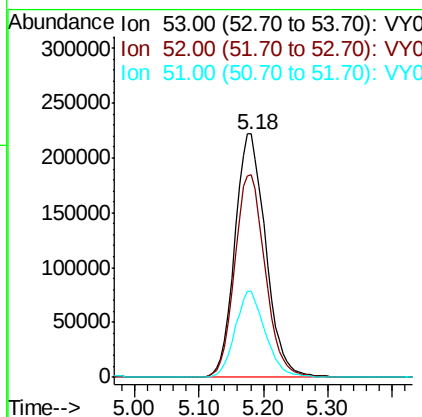
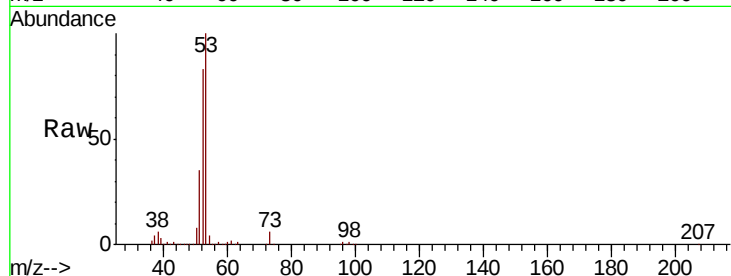
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	735743
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.4	98.2
51	34.9	27.2	40.8

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#16

Acetone

Concen: 259.184 ug/l

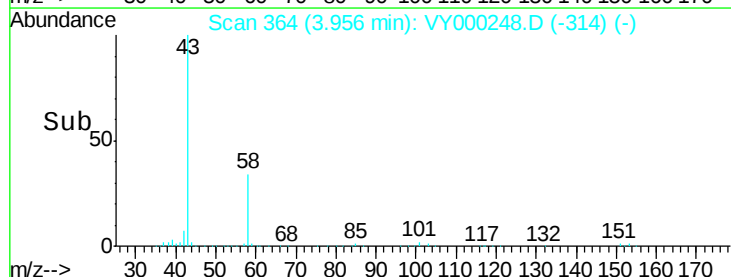
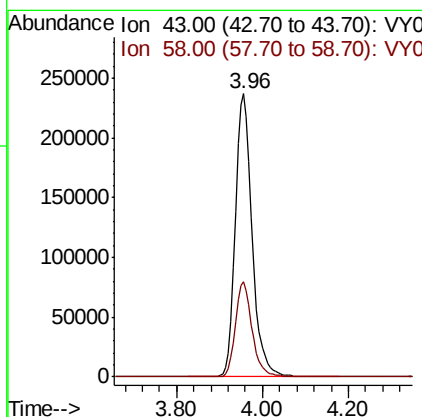
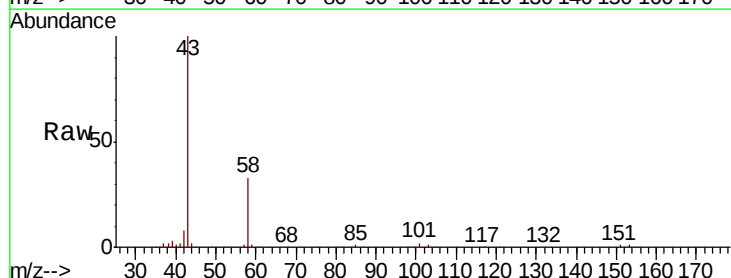
RT: 3.96 min Scan# 364

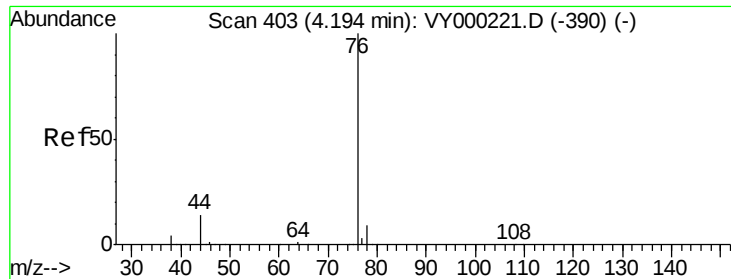
Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion:	43	Resp:	650066
Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.2	42.4





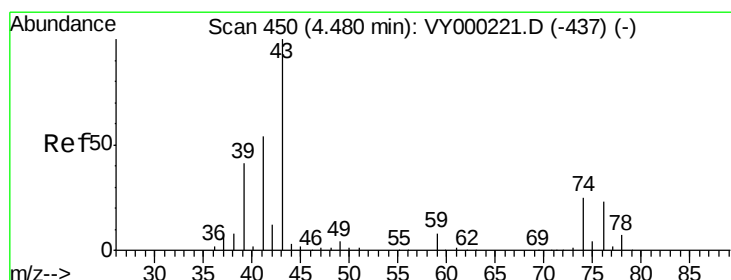
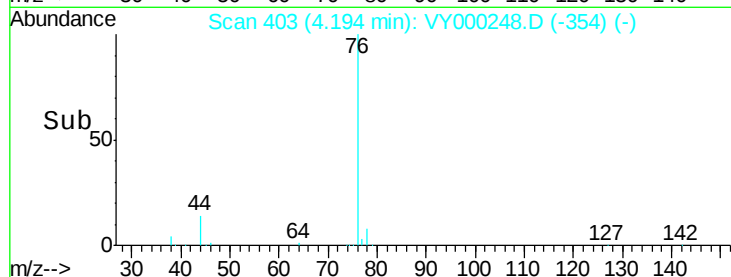
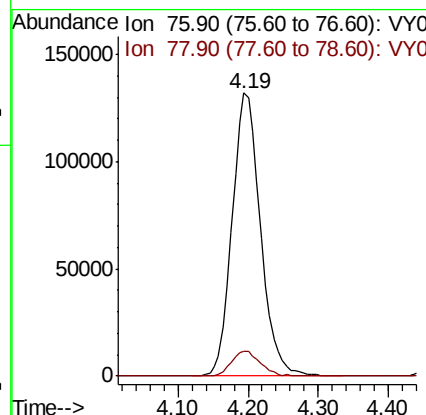
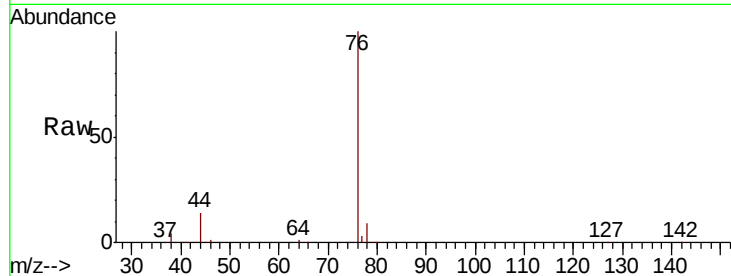
#17
Carbon Disulfide
Concen: 46.503 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

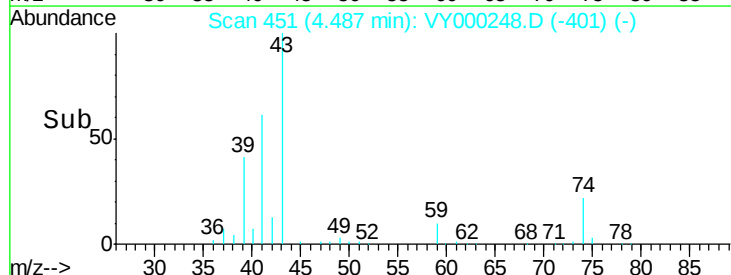
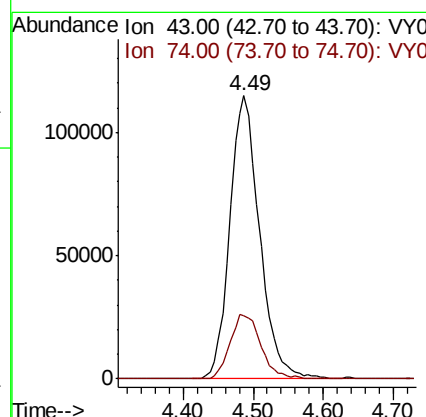
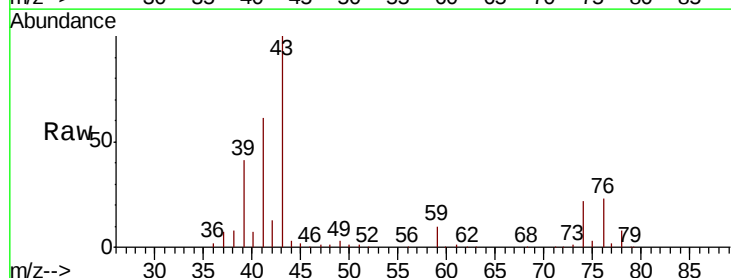
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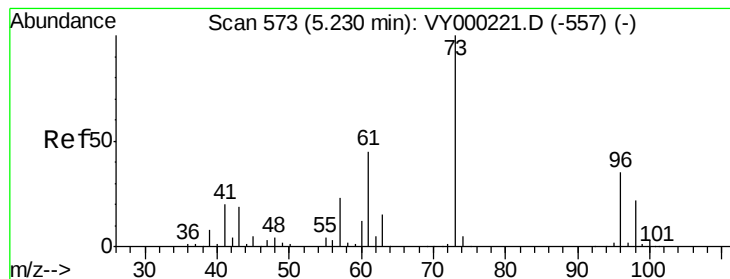
MMDadoda
10/11/2019 8:40:47 AM



#18
Methyl Acetate
Concen: 49.343 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.1	28.7





#19

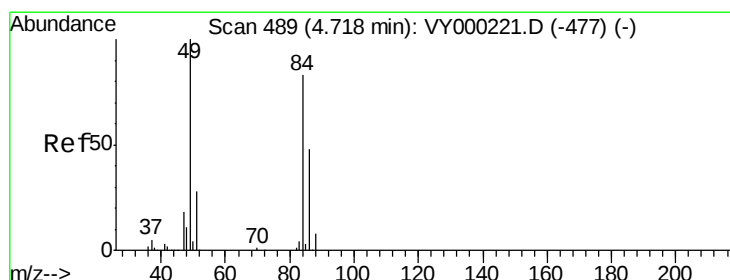
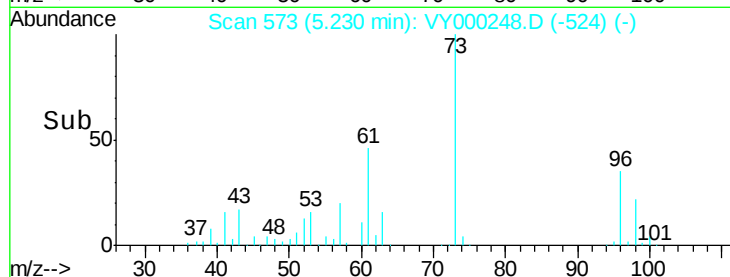
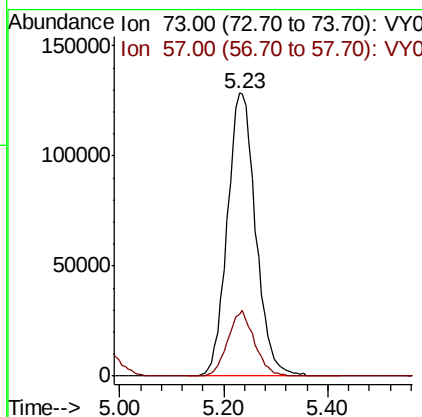
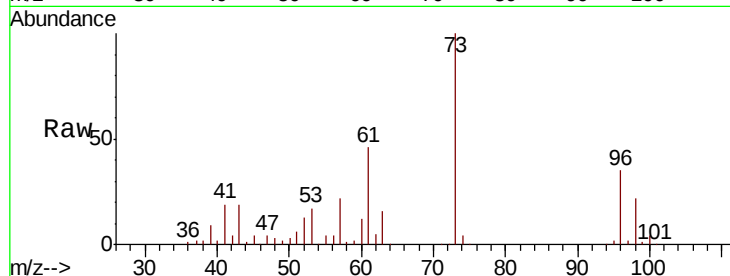
Methyl tert-butyl Ether
Concen: 49.384 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.4	27.6

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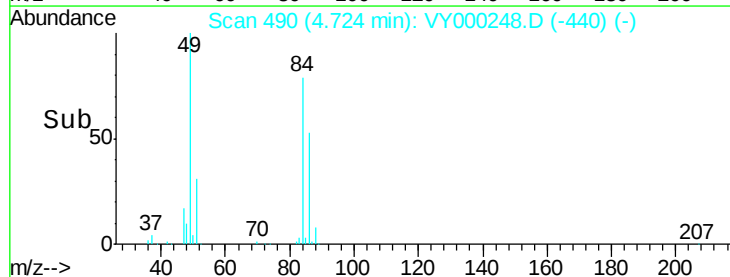
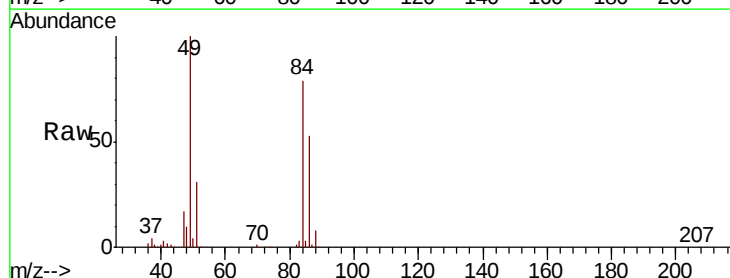
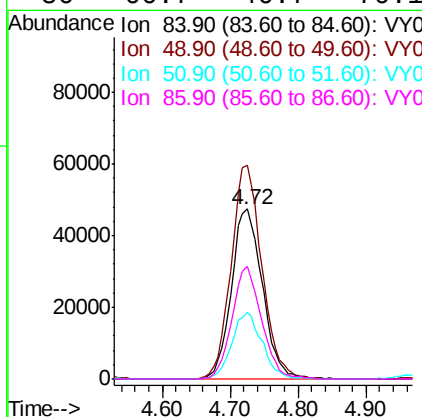
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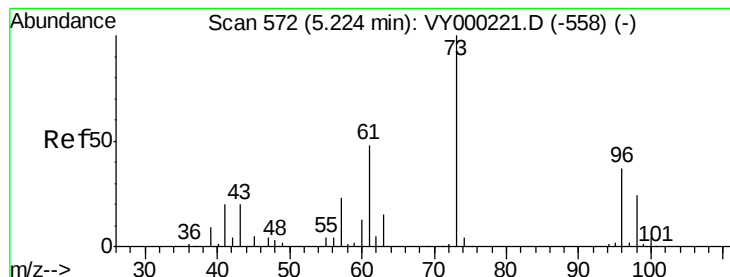


#20

Methylene Chloride
Concen: 45.490 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	96.2	144.2
51	39.0	26.6	39.8
86	66.7	46.7	70.1





#21

trans-1,2-Dichloroethene

Concen: 47.863 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 145760

Ion Ratio Lower Upper

96 100

61 126.3 104.2 156.2

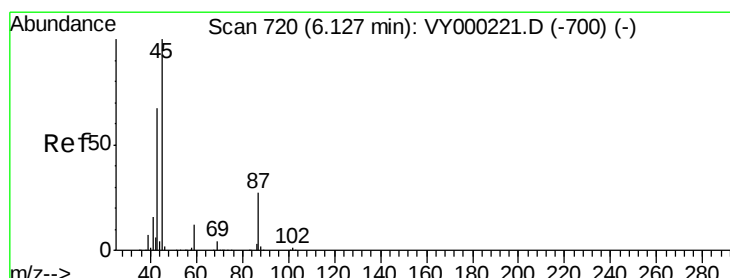
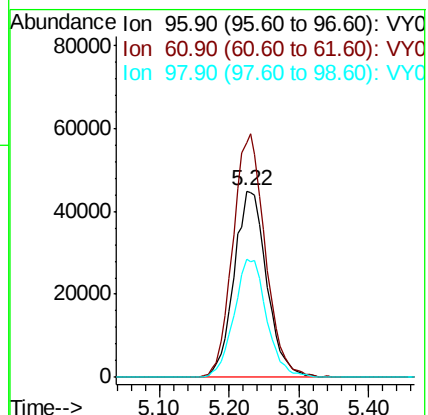
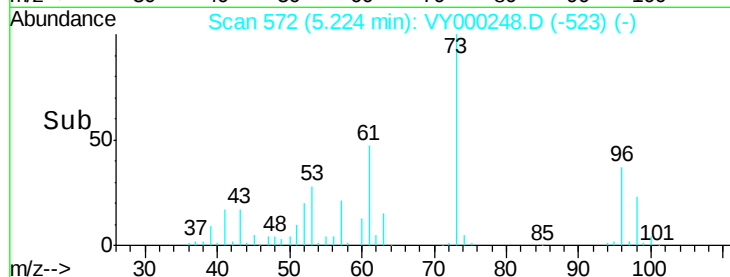
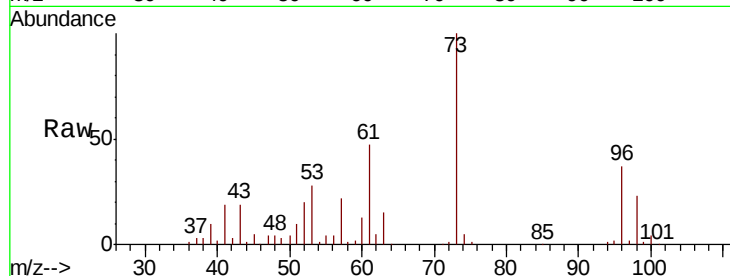
98 63.4 51.0 76.6

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#22

Diisopropyl ether

Concen: 49.202 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion: 45 Resp: 519985

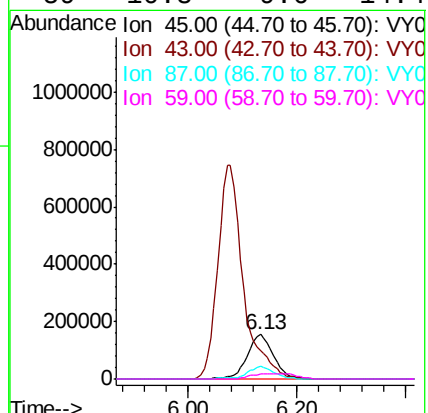
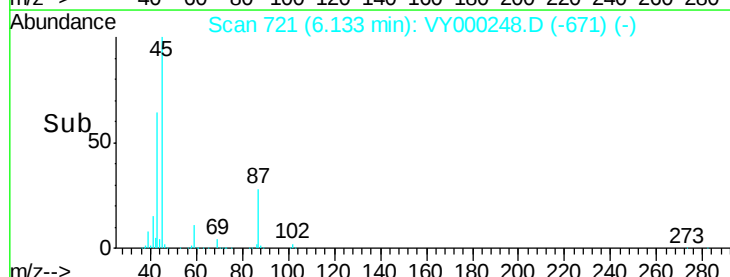
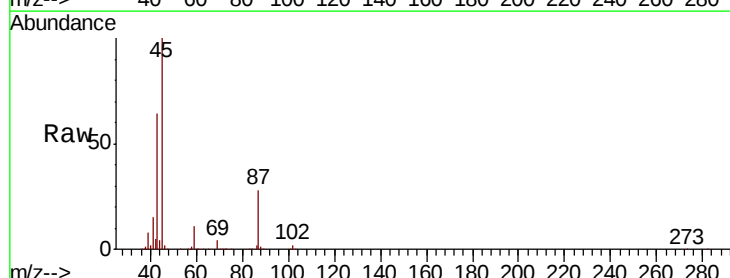
Ion Ratio Lower Upper

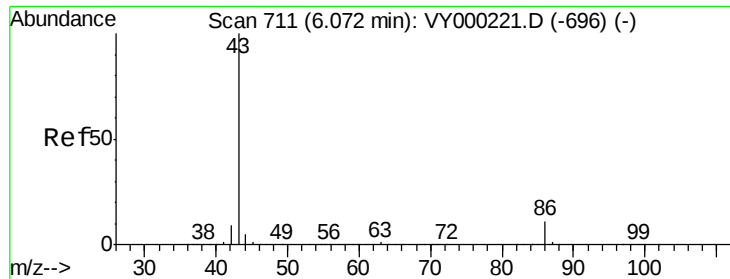
45 100

43 63.7 53.4 80.2

87 27.7 21.7 32.5

59 10.8 9.6 14.4





#23

Vinyl Acetate

Concen: 231.701 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2419898

Ion Ratio Lower Upper

43 100

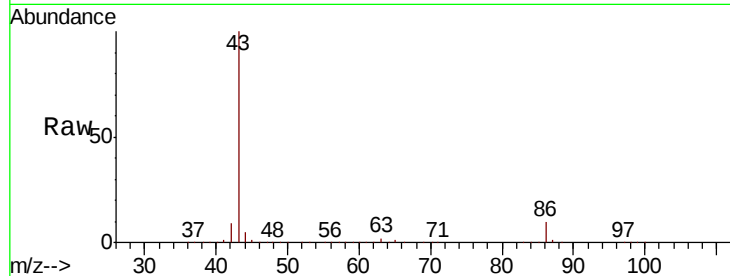
86 10.1 8.5 12.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

600000

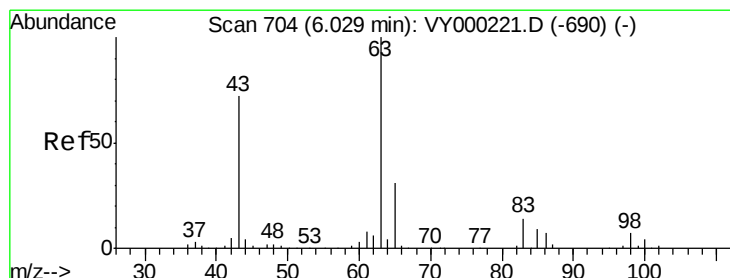
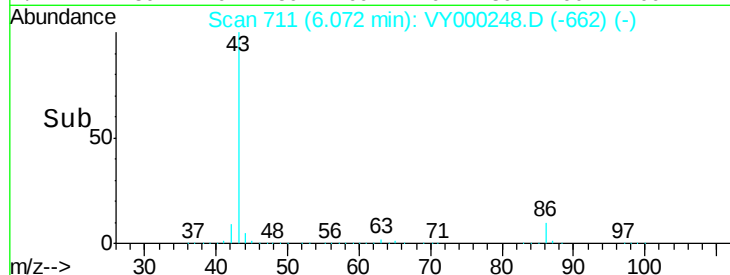
400000

200000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 48.926 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

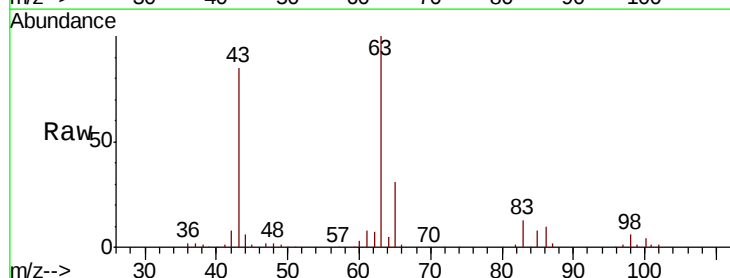
Tgt Ion: 63 Resp: 263744

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

100 4.3 2.1 6.5



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

6.04

100000

80000

60000

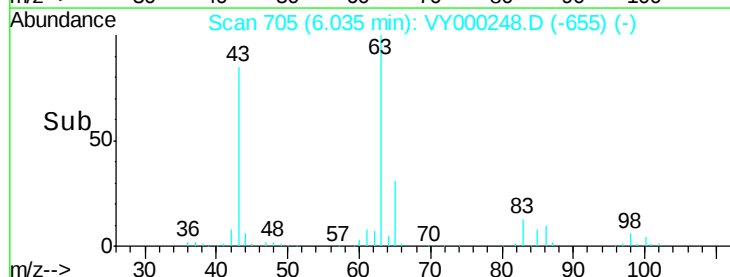
40000

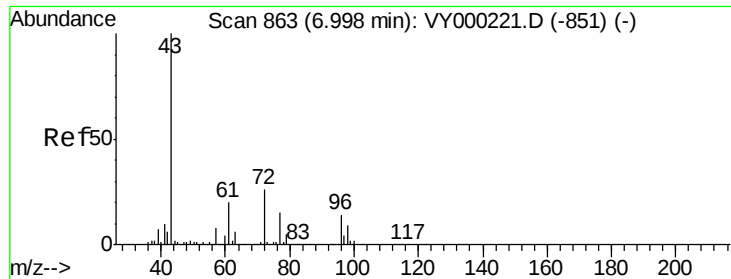
20000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 260.776 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1209991

Ion Ratio Lower Upper

43 100

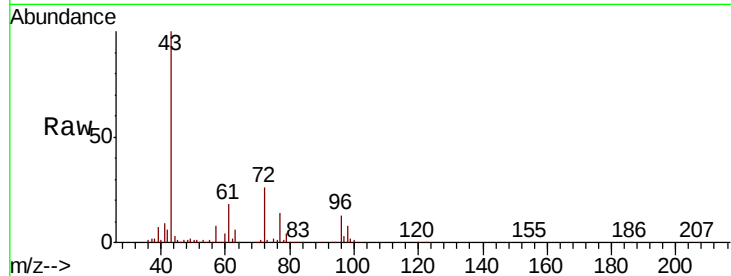
72 25.5 20.6 31.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

400000

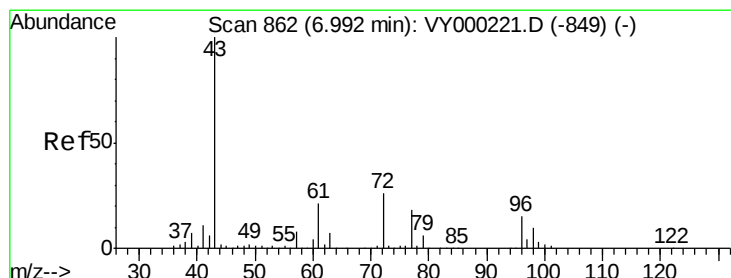
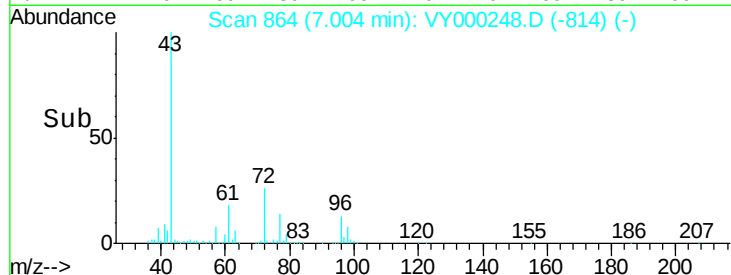
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.388 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000248.D

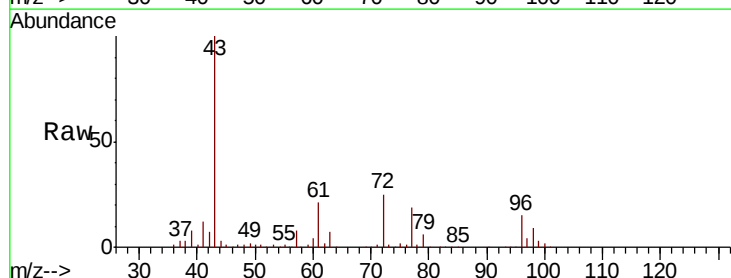
Acq: 09 Oct 2019 16:58

Tgt Ion: 77 Resp: 220865

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

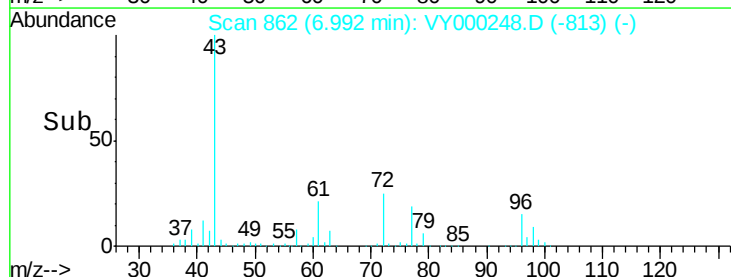
60000

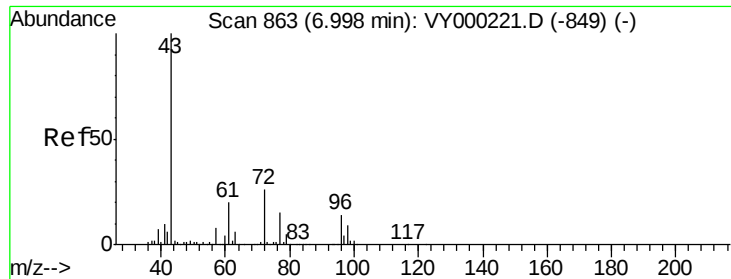
40000

20000

0

Time-->





#27

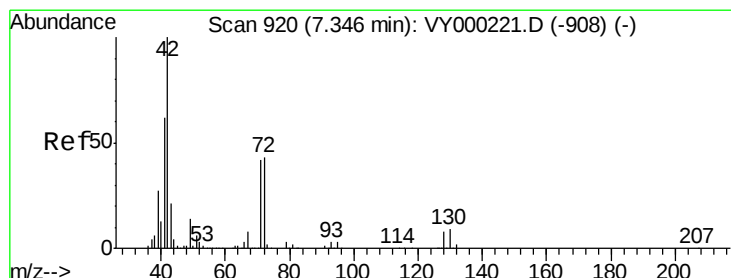
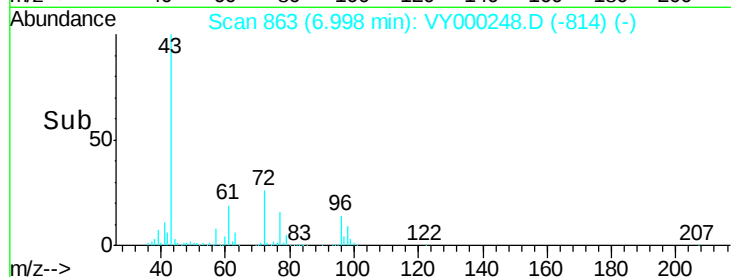
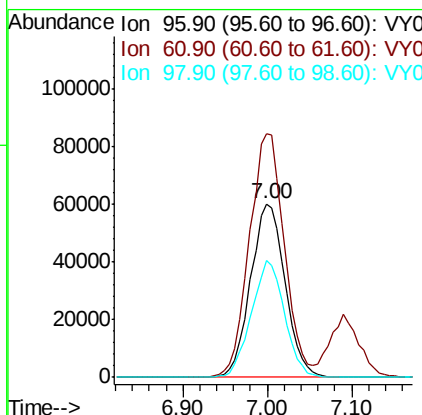
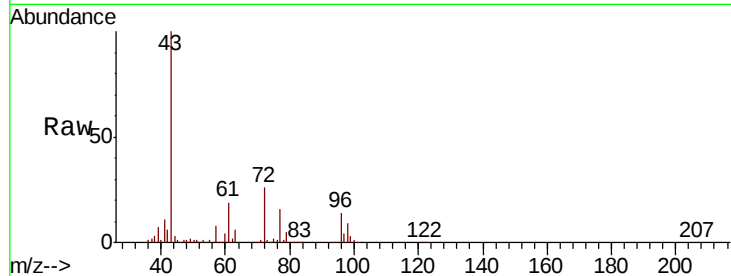
cis-1,2-Dichloroethene
 Concen: 46.874 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168145		
61	142.0		0.0	282.6
98	64.7		0.0	129.8

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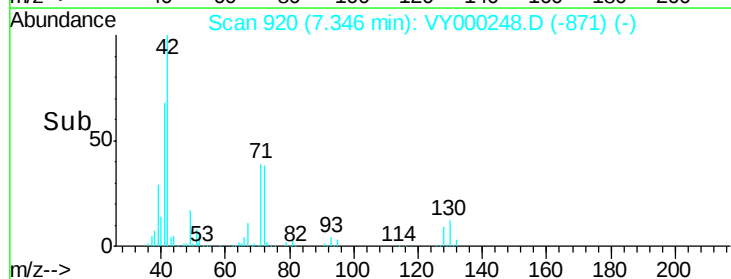
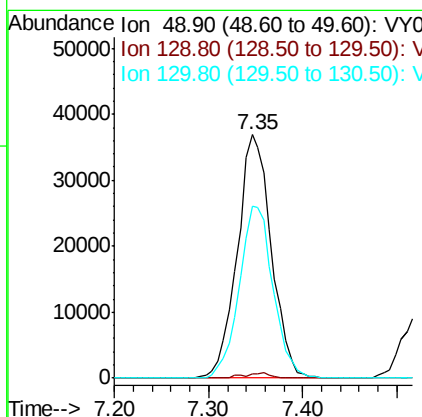
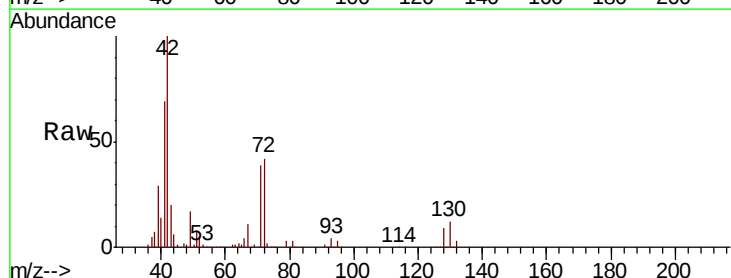
MMDadoda
 10/11/2019 8:40:47 AM

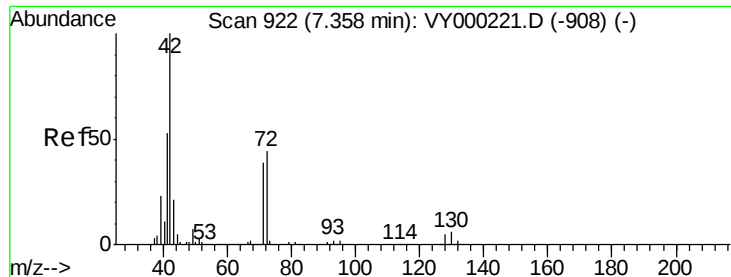


#28

Bromochloromethane
 Concen: 52.499 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93150		
129	1.7		0.0	3.2
130	70.5		56.5	84.7





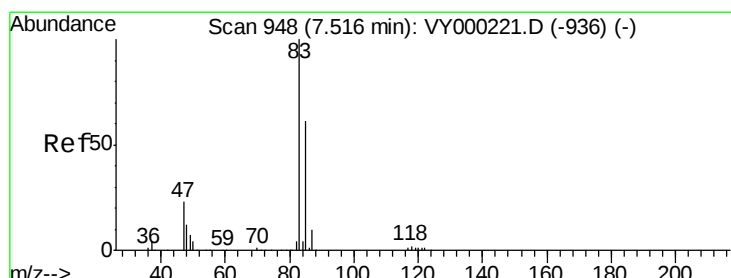
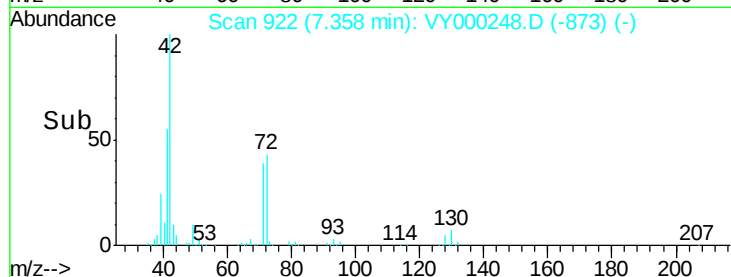
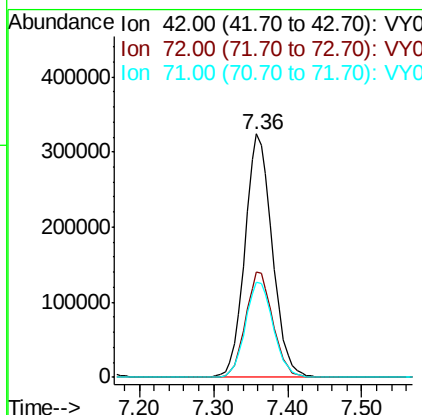
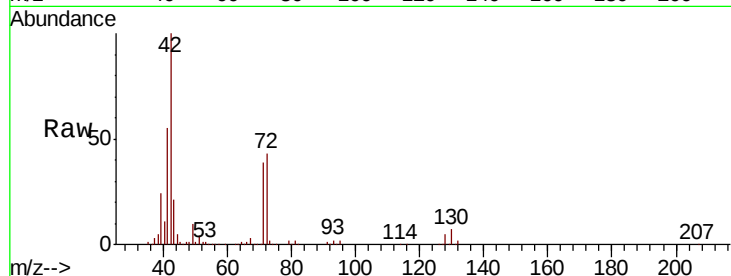
#29
Tetrahydrofuran
Concen: 254.367 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	51.8
71	40.1	31.9	47.9

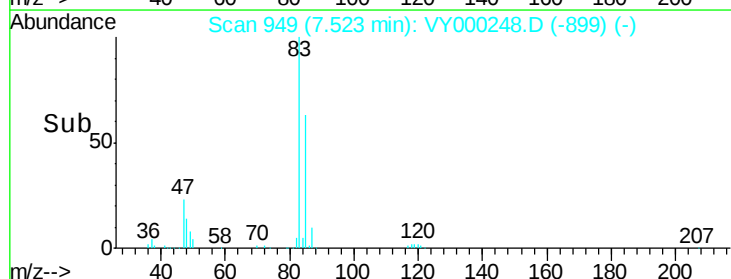
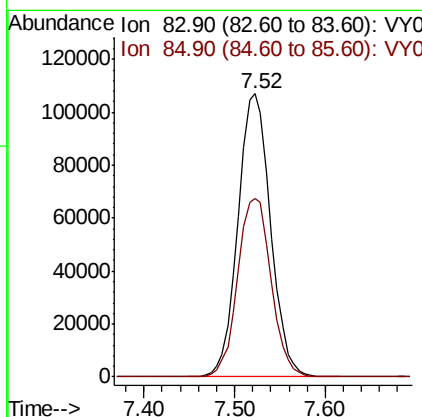
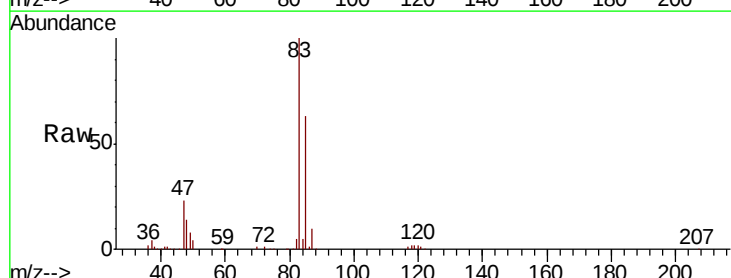
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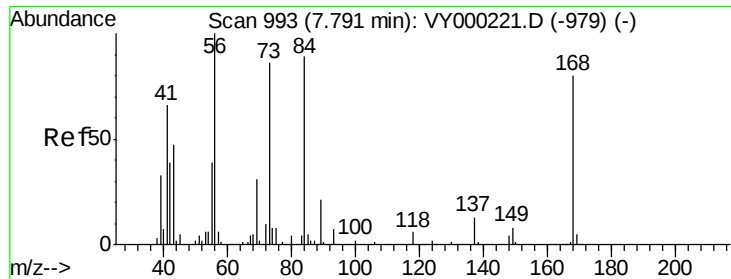
MMDadoda
10/11/2019 8:40:47 AM



#30
Chloroform
Concen: 47.688 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	48.9	73.3





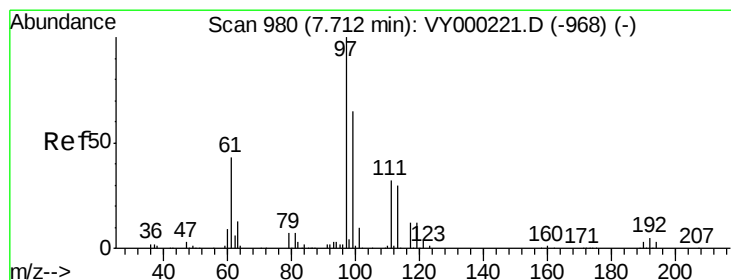
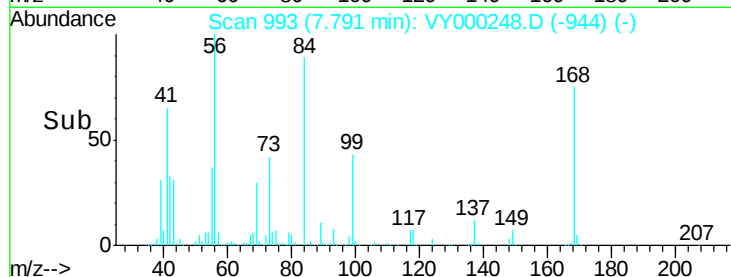
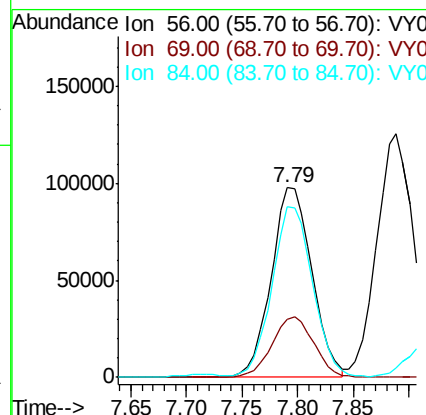
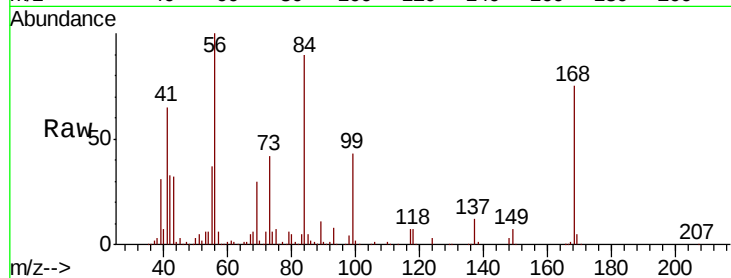
#31
Cyclohexane
Concen: 45.639 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.7	37.1
84	88.6	71.3	106.9

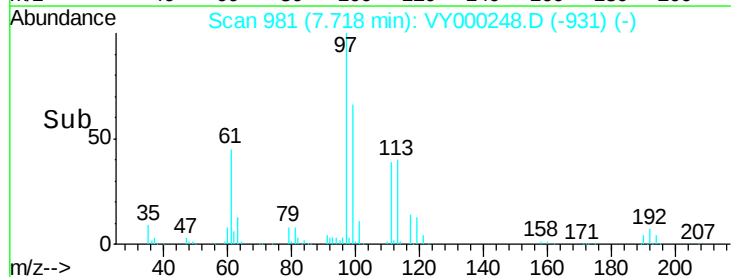
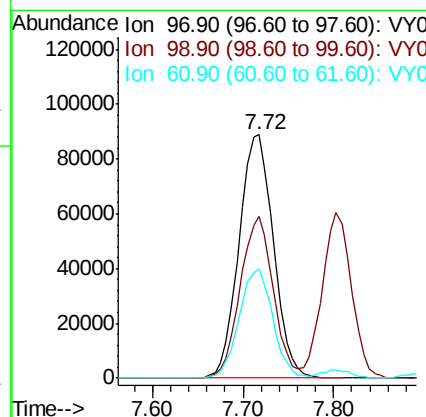
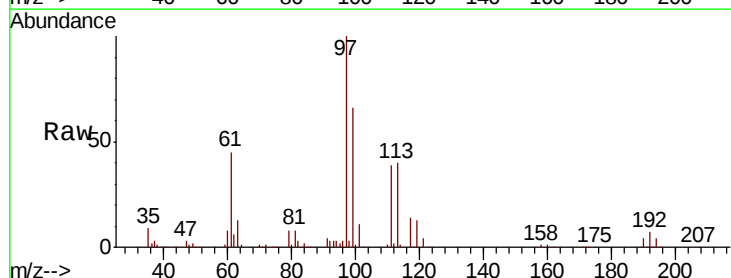
Manual Integrations
APPROVED

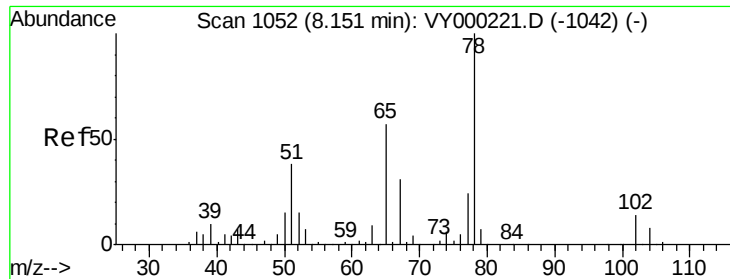
MMDadoda
10/11/2019 8:40:47 AM



#32
1,1,1-Trichloroethane
Concen: 49.191 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	43.6	34.2	51.4





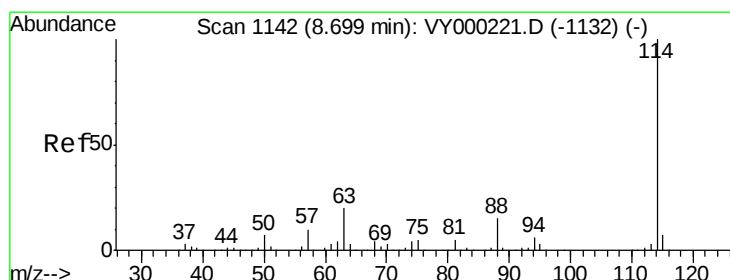
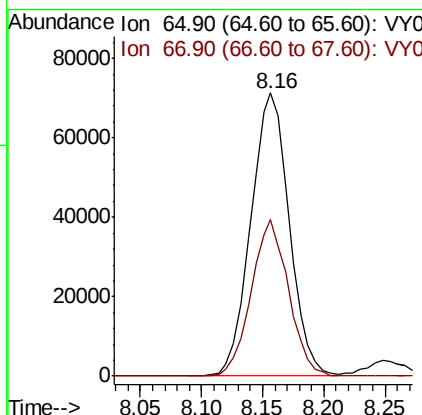
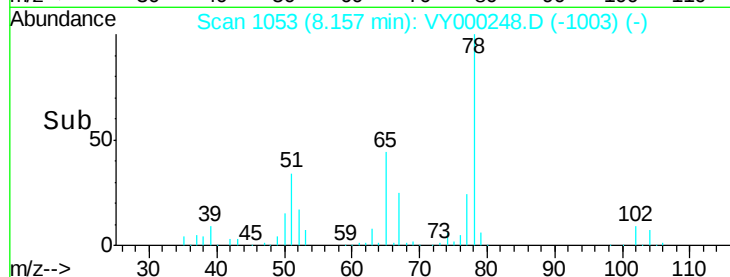
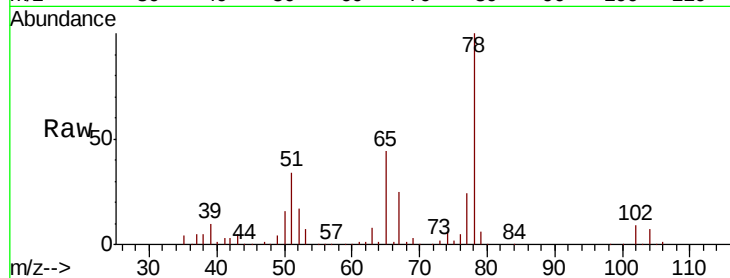
#33
 1,2-Dichloroethane-d4
 Concen: 49.179 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155741		
67	53.6	0.0	109.0	

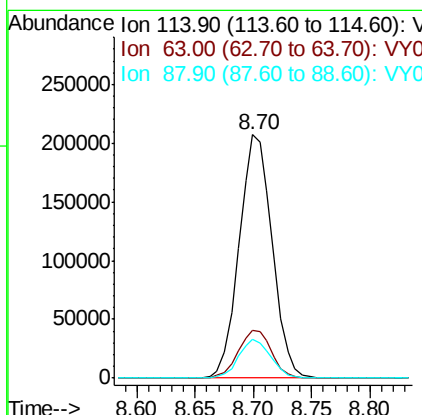
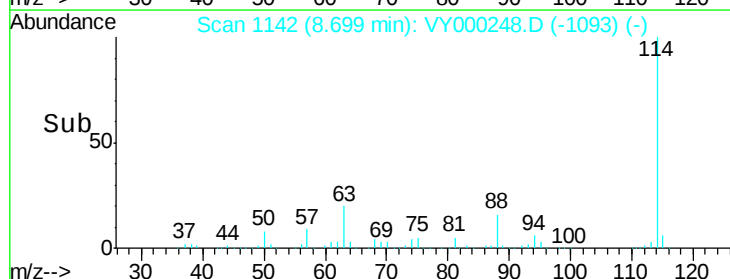
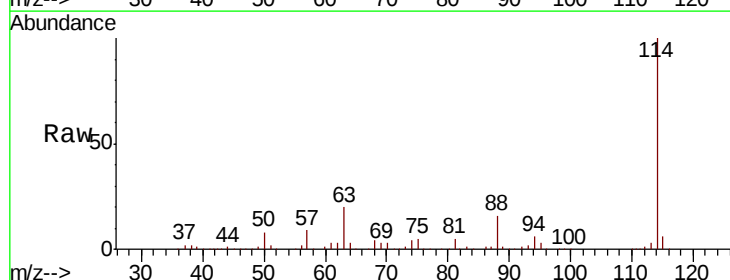
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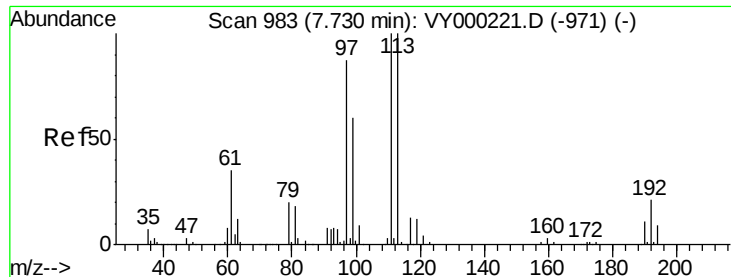
MMDadoda
 10/11/2019 8:40:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408989		
63	19.6	0.0	39.0	
88	15.7	0.0	30.6	





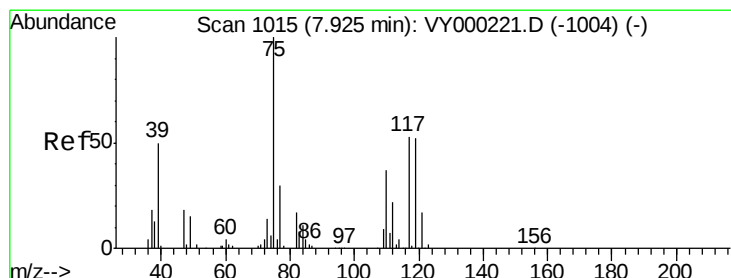
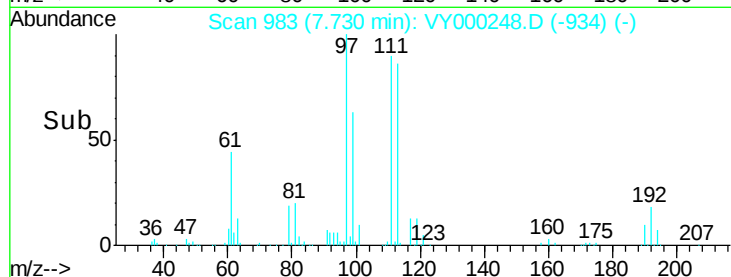
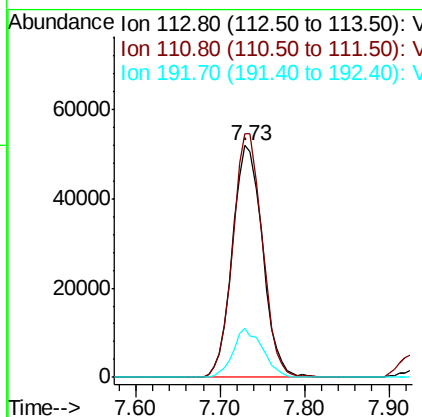
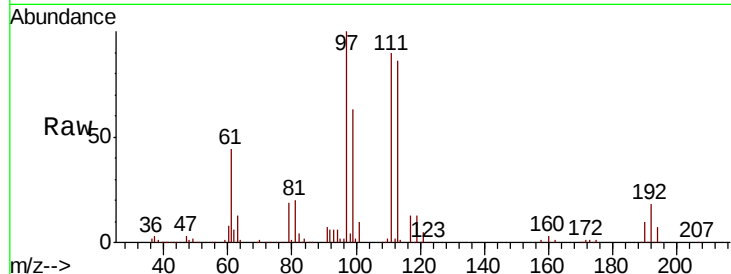
#35
 Dibromofluoromethane
 Concen: 49.496 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	20.5	15.8	23.8

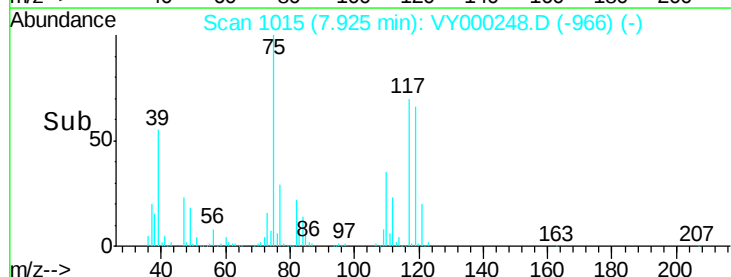
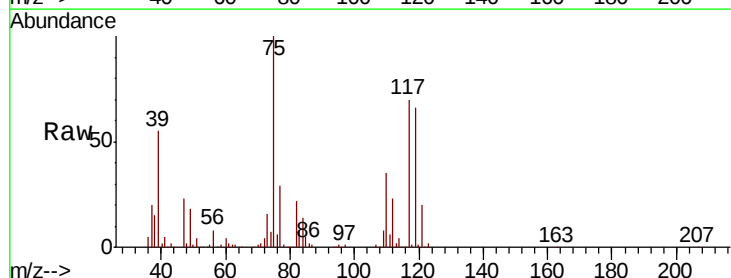
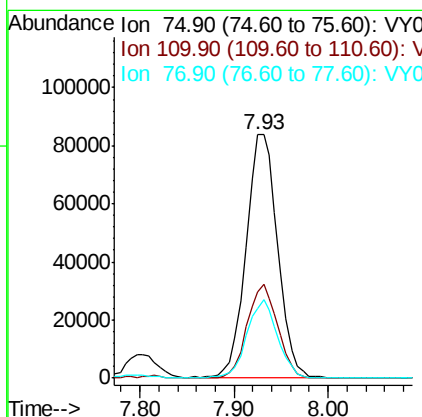
Manual Integrations
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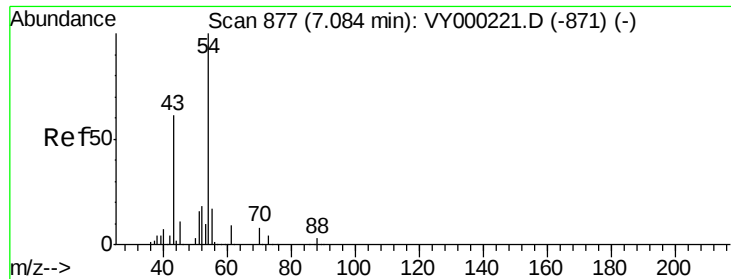
MMDadoda
 10/11/2019 8:40:47 AM



#36
 1,1-Dichloropropene
 Concen: 47.641 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.2
77	31.2	24.7	37.1





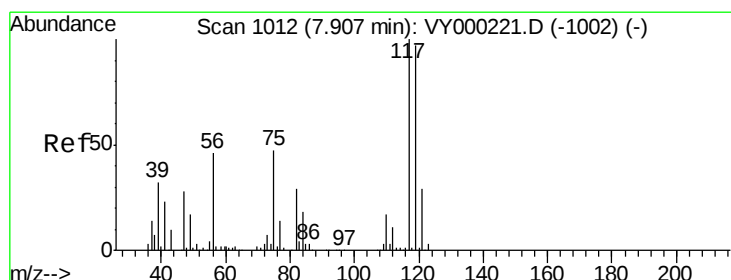
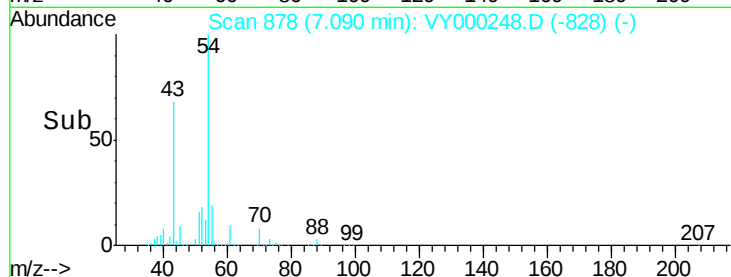
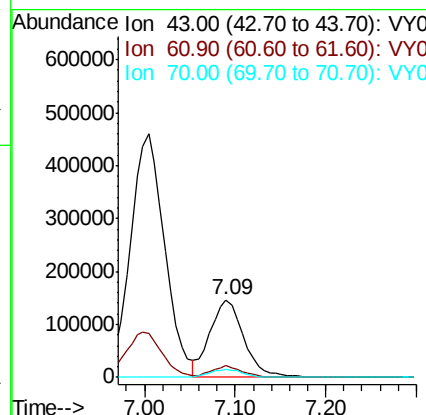
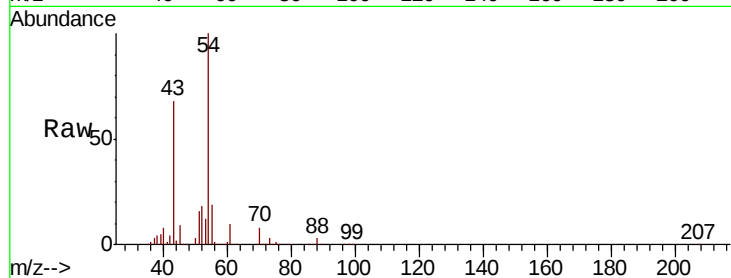
#37
Ethyl Acetate
Concen: 50.496 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.3	8.5	12.7

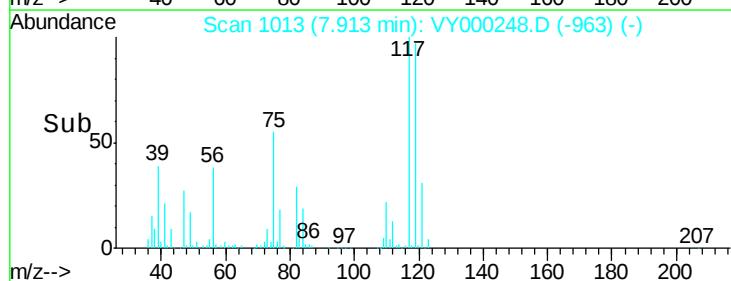
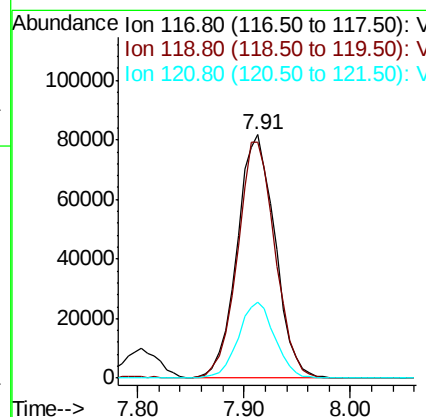
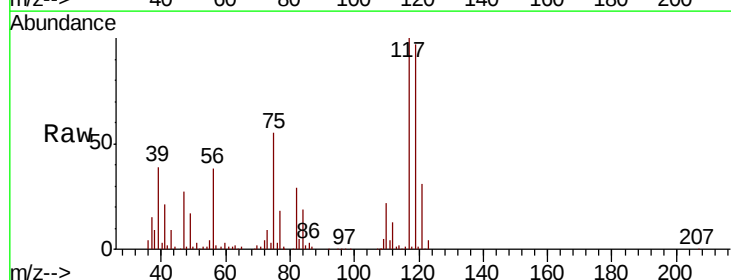
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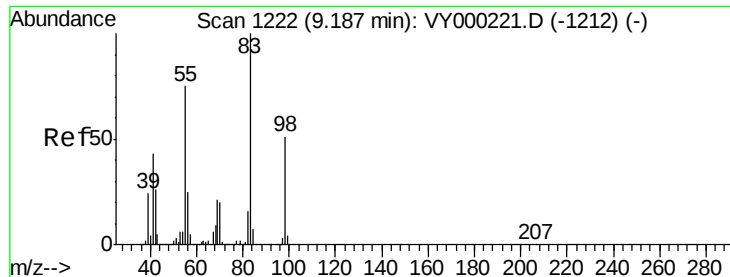
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#38
Carbon Tetrachloride
Concen: 50.293 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.2	115.8
121	31.4	23.1	34.7





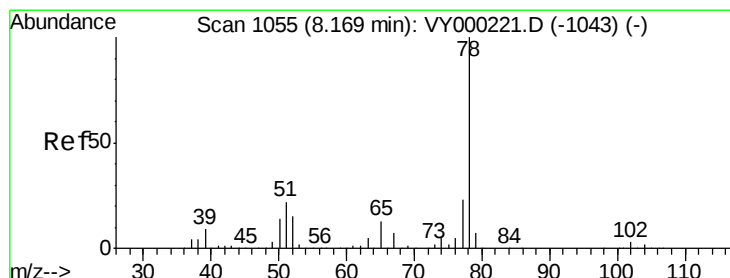
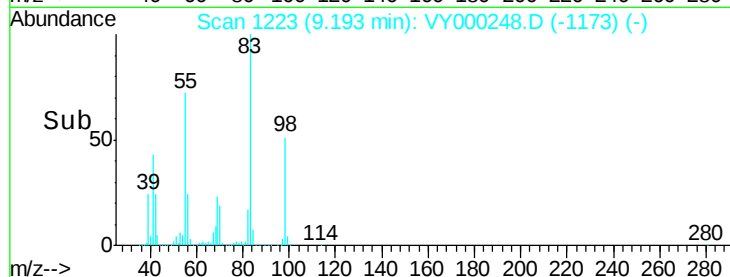
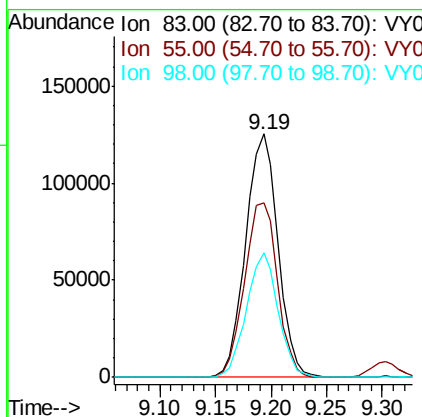
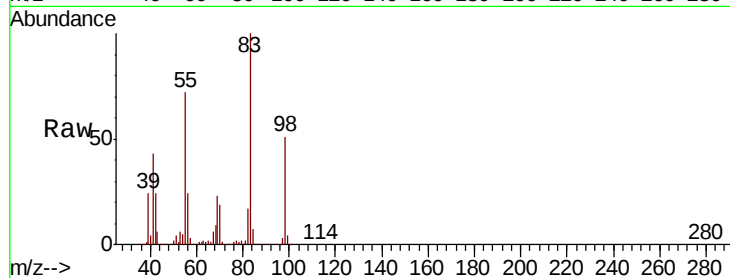
#39
Methvlcvclohexane
Concen: 48.549 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.2	90.4
98	51.3	40.5	60.7

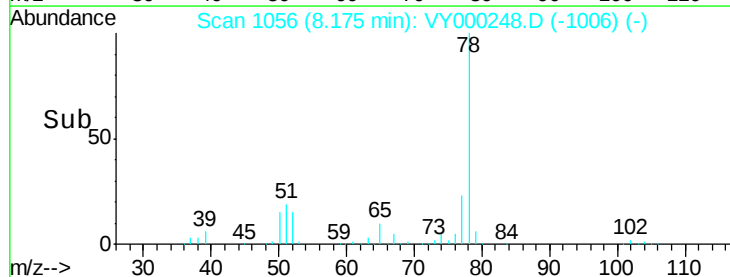
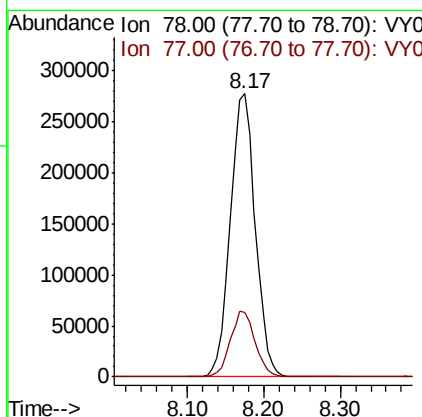
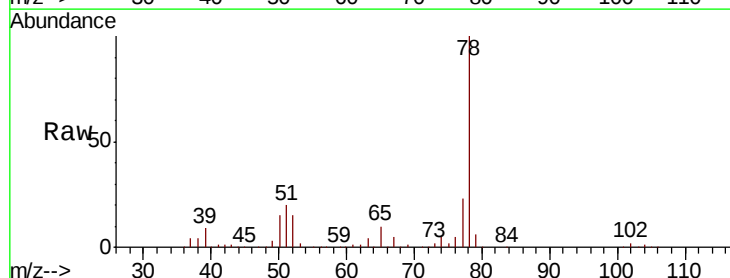
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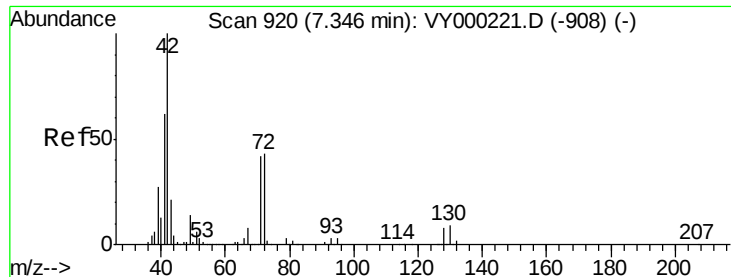
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#40
Benzene
Concen: 49.560 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0





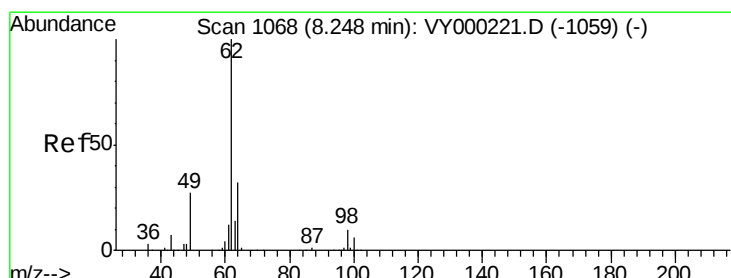
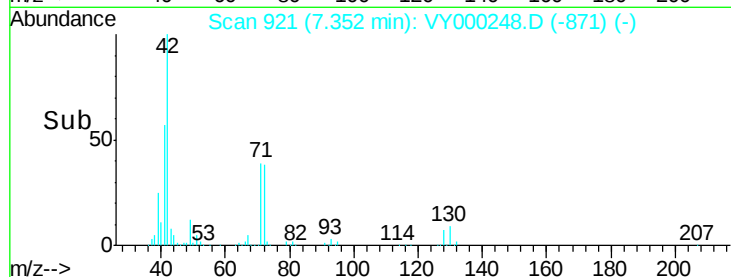
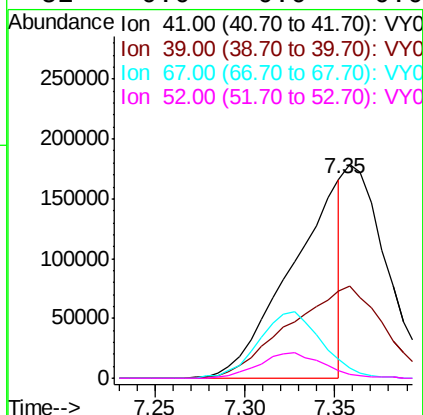
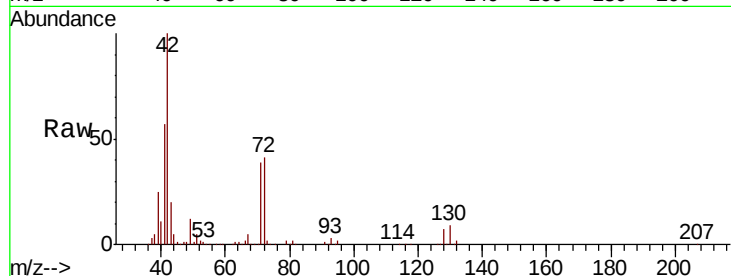
#41
Methacrylonitrile
Concen: 56.745 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	336006
Ion	Ratio	Lower	Upper
41	100		
39	84.1	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

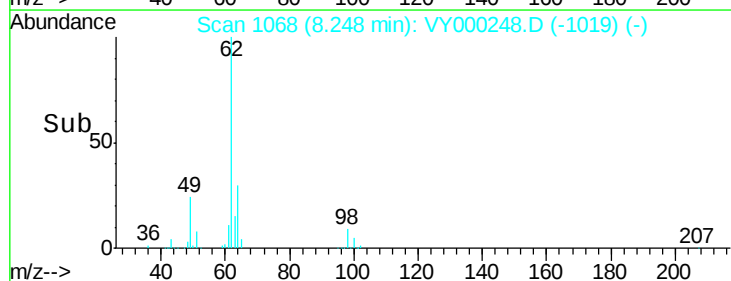
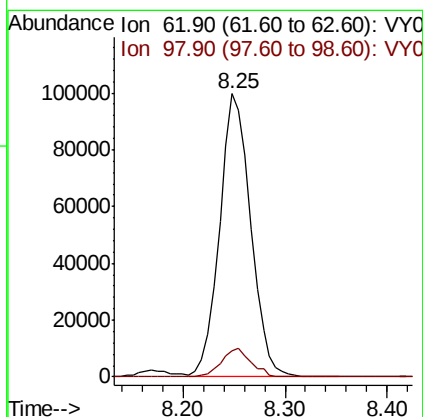
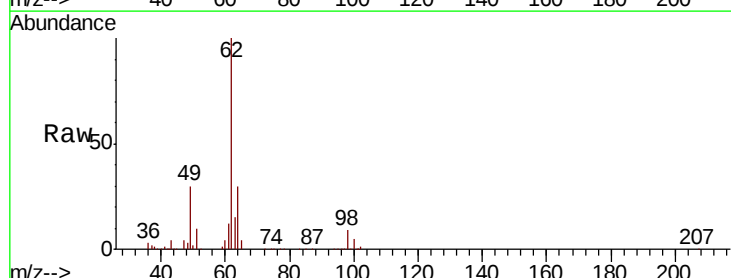
Manual Integrations
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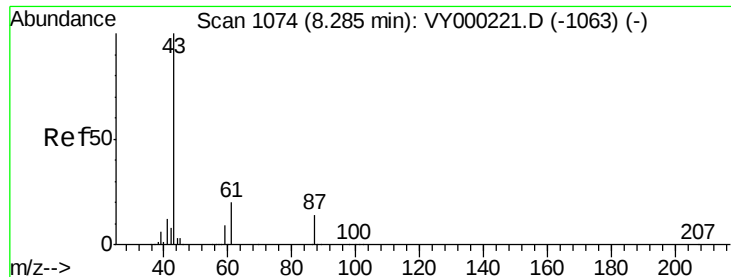
MMDadoda
10/11/2019 8:40:47 AM



#42
1,2-Dichloroethane
Concen: 51.450 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	62	Resp	210962
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





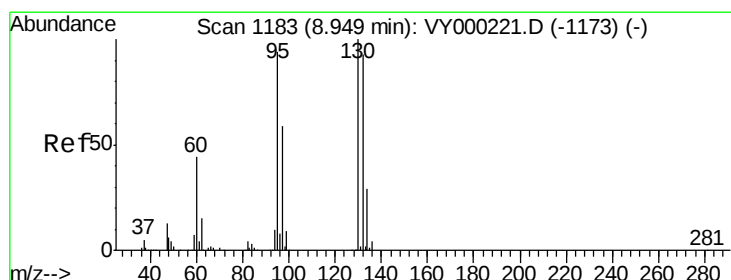
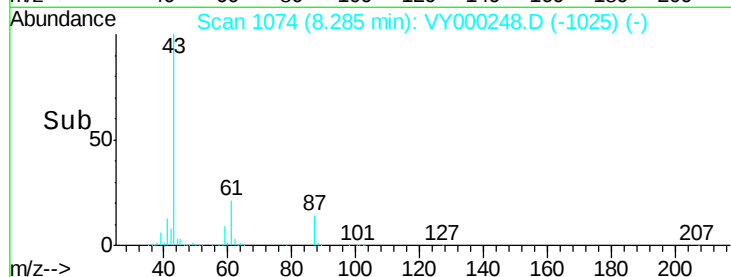
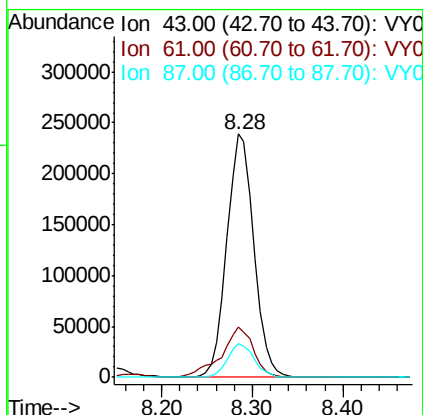
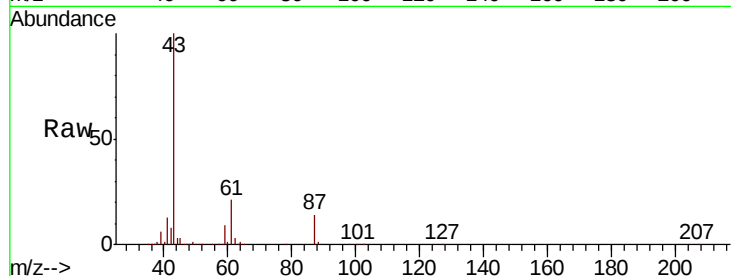
#43
Isopropyl Acetate
Concen: 50.979 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.8	20.1	30.1
87	13.5	10.6	15.8

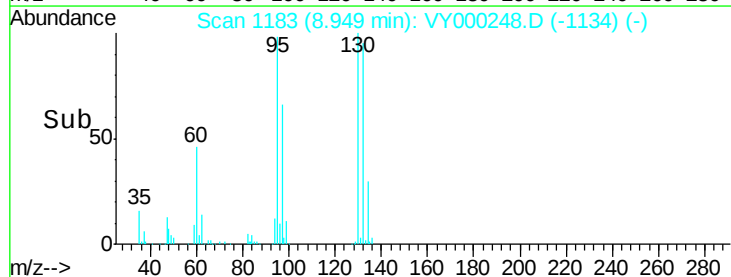
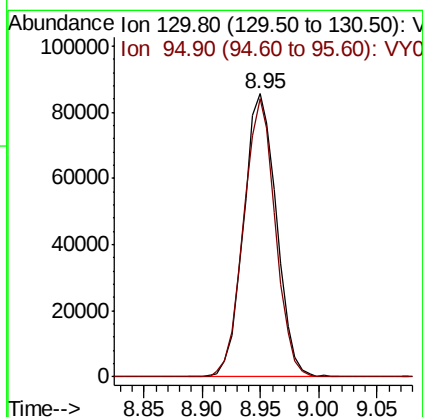
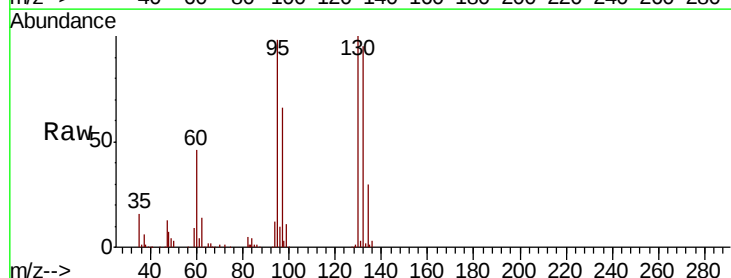
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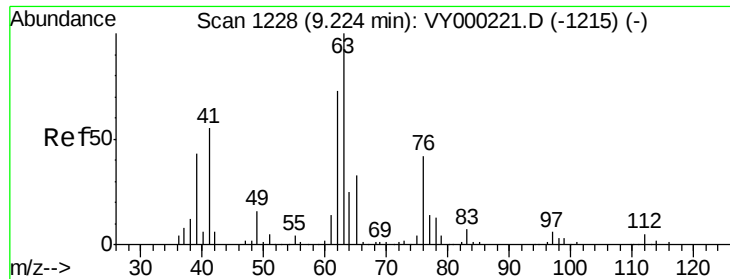
MMDadoda
10/11/2019 8:40:47 AM



#44
Trichloroethene
Concen: 49.178 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	189.0





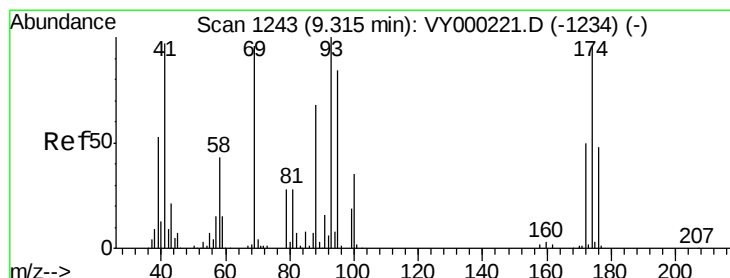
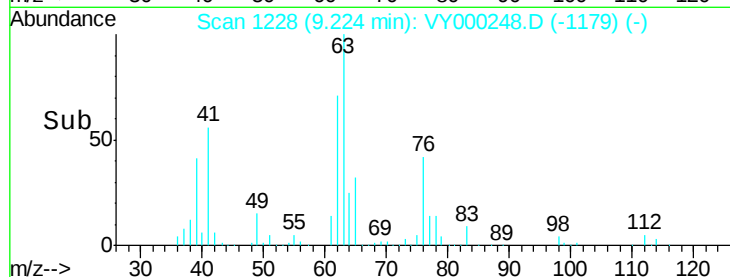
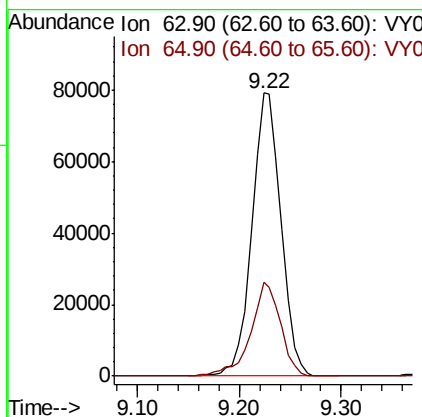
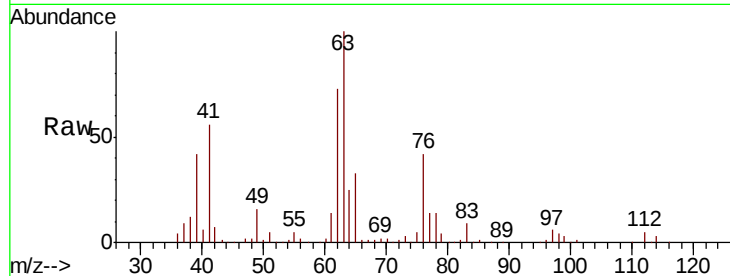
#45
 1,2-Dichloropropane
 Concen: 49.752 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 157312
 Ion Ratio Lower Upper
 63 100
 65 33.1 26.6 39.8

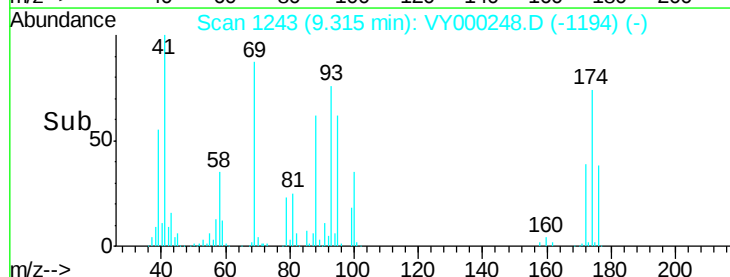
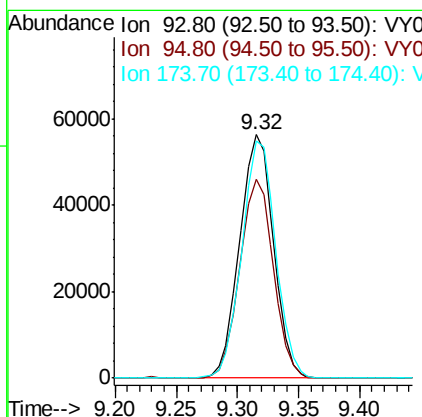
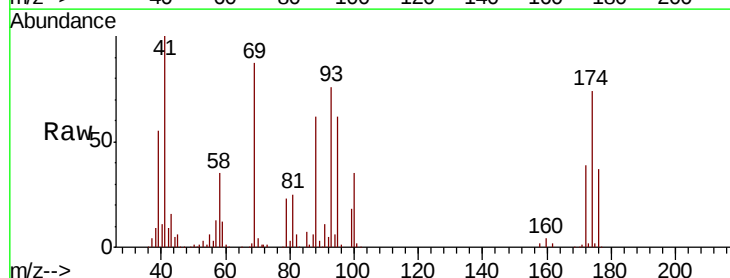
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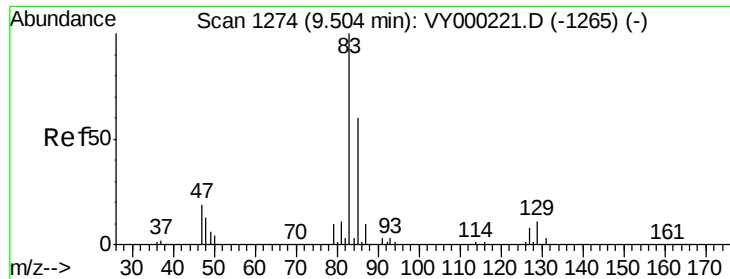
MMDadoda
 10/11/2019 8:40:47 AM



#46
 Dibromomethane
 Concen: 48.772 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion: 93 Resp: 108111
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.0 100.6
 174 97.8 77.5 116.3





#47

Bromodichloromethane

Concen: 50.078 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

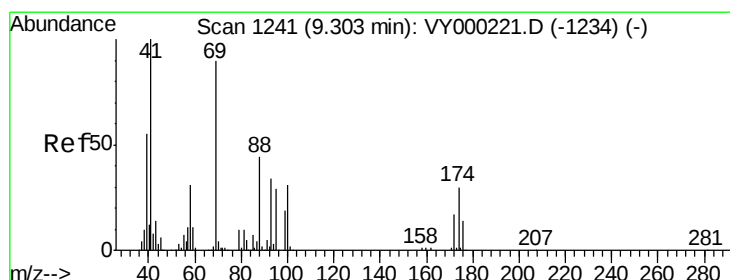
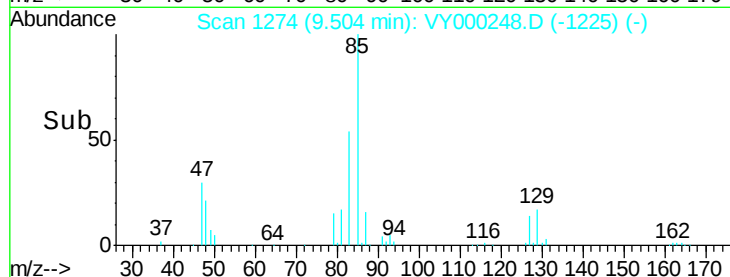
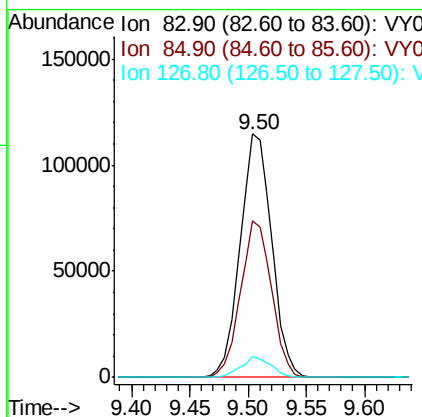
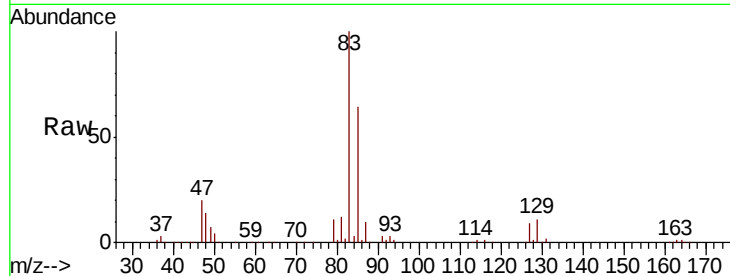
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	217139
Ion Ratio	Lower	Upper	
83	100		
85	64.3	48.0	72.0
127	8.7	6.5	9.7

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#48

Methyl methacrylate

Concen: 50.352 ug/l

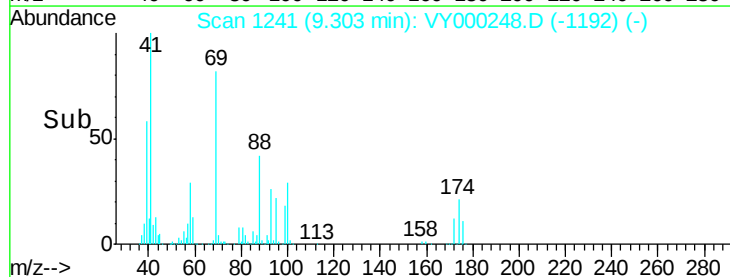
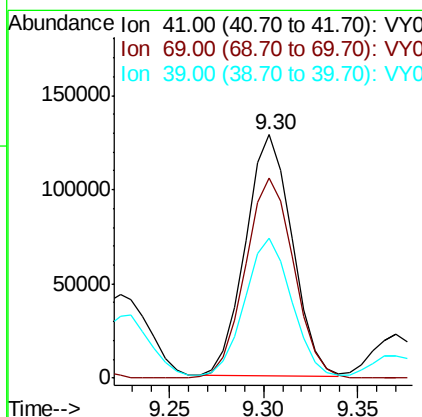
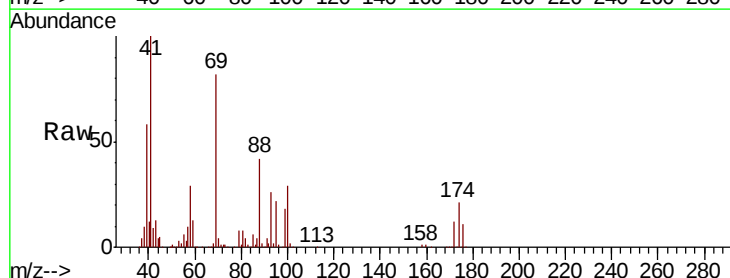
RT: 9.30 min Scan# 1241

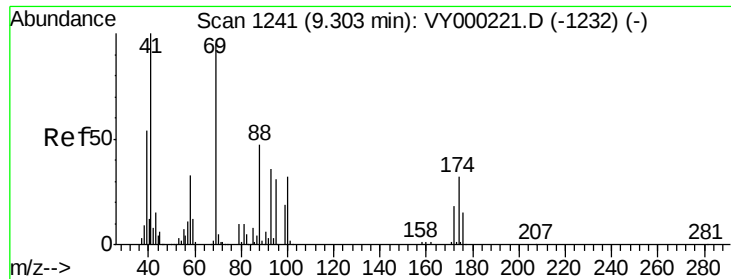
Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion:	41	Resp:	220078
Ion Ratio	Lower	Upper	
41	100		
69	86.3	70.3	105.5
39	59.0	45.5	68.3





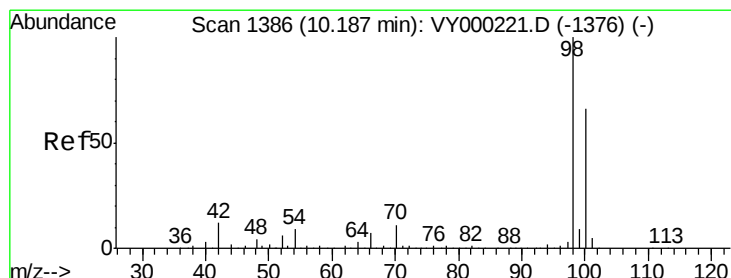
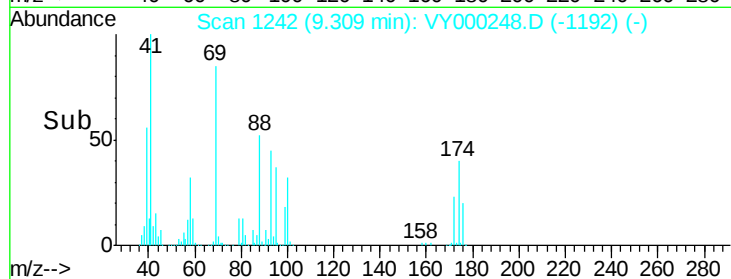
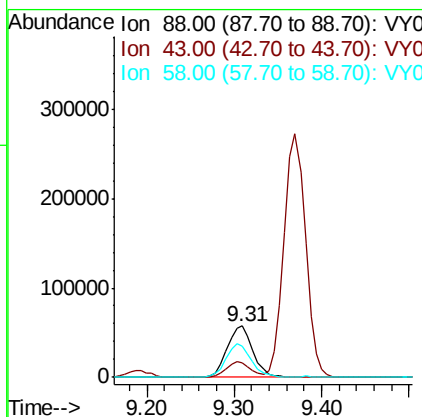
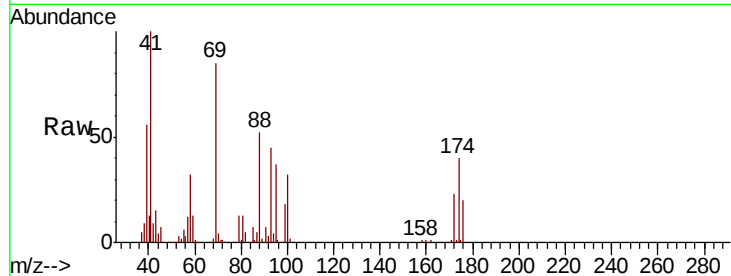
#49
1,4-Dioxane
Concen: 1042.169 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	24.5	36.7
58	64.3	54.2	81.2

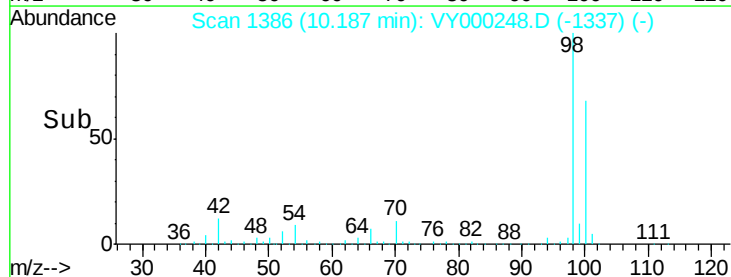
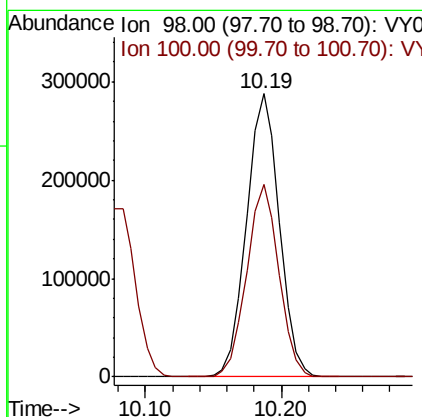
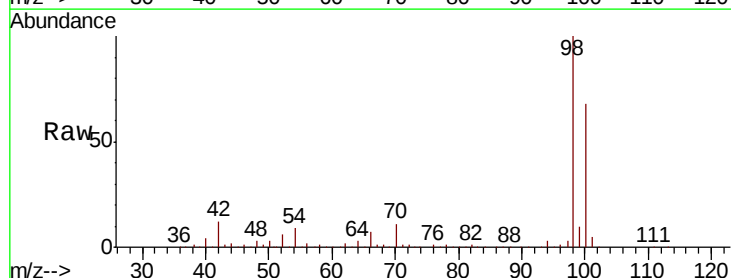
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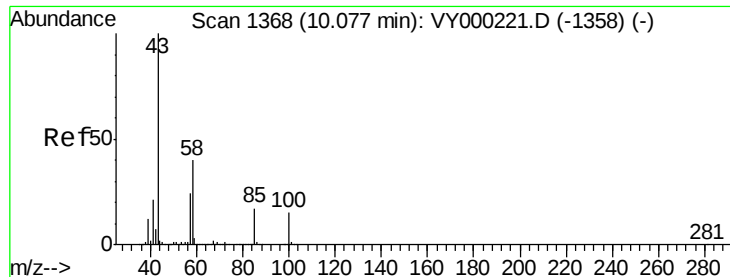
MMDadoda
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#50
Toluene-d8
Concen: 48.652 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 267.943 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1949929

Ion Ratio Lower Upper

43 100

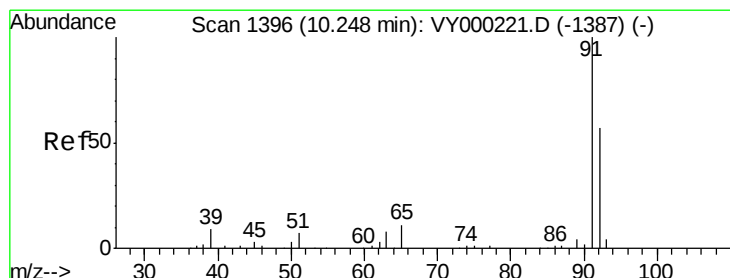
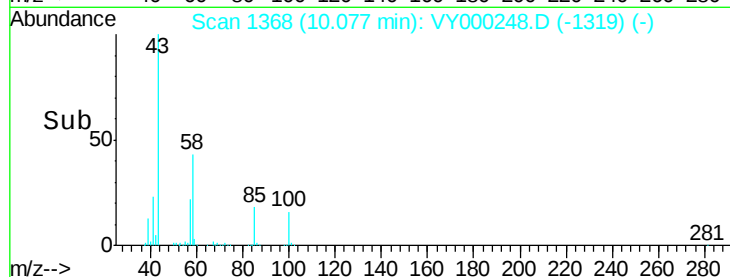
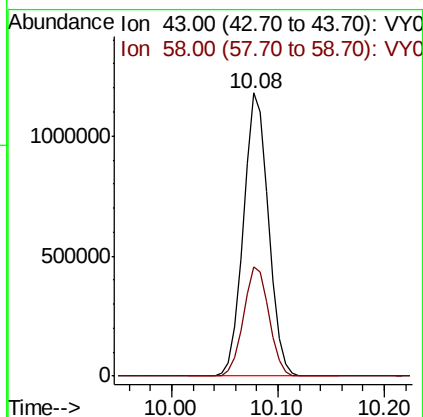
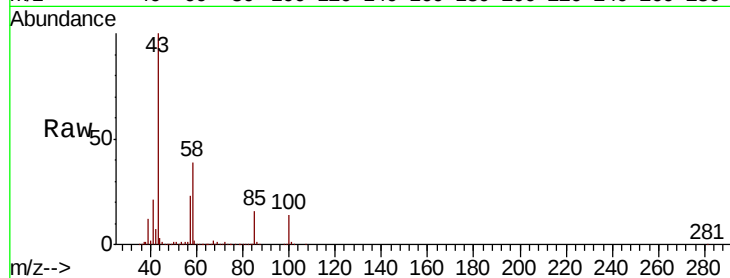
58 39.2 31.7 47.5

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#52

Toluene

Concen: 49.146 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000248.D

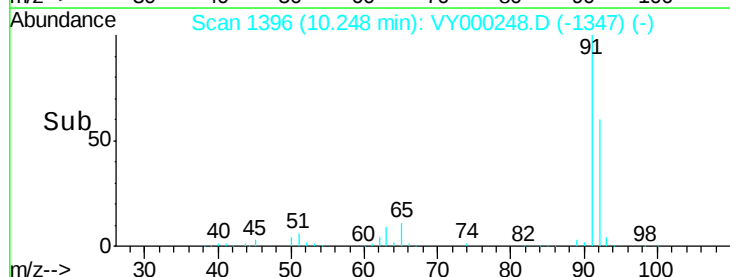
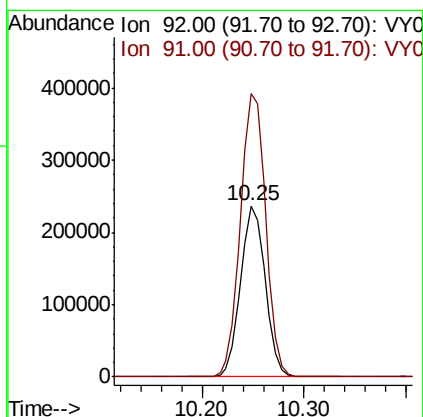
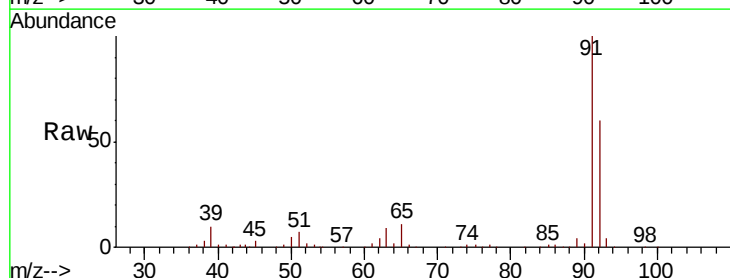
Acq: 09 Oct 2019 16:58

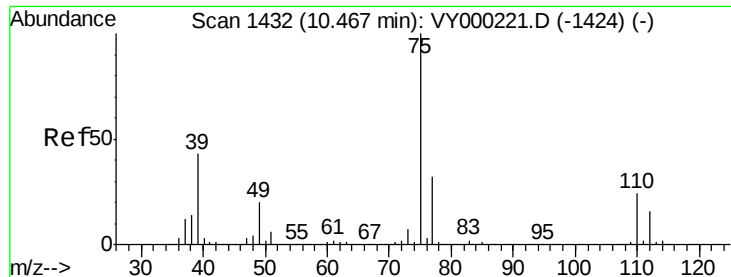
Tgt Ion: 92 Resp: 397920

Ion Ratio Lower Upper

92 100

91 169.5 139.1 208.7





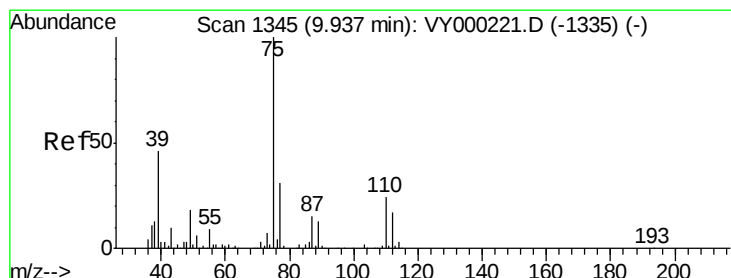
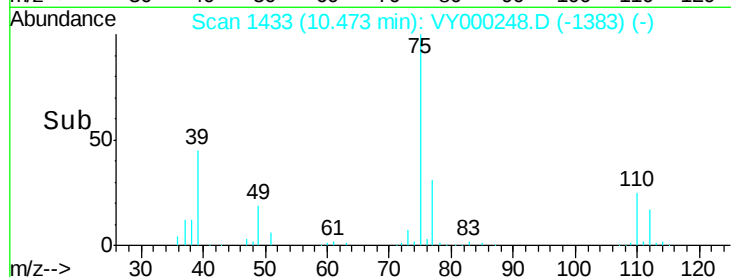
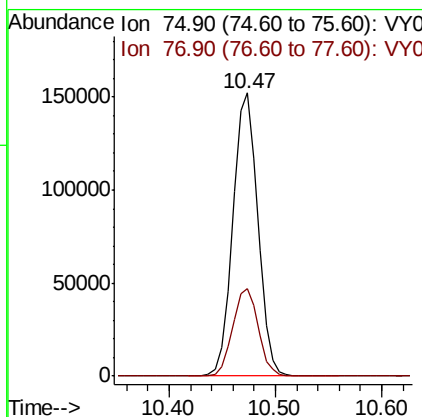
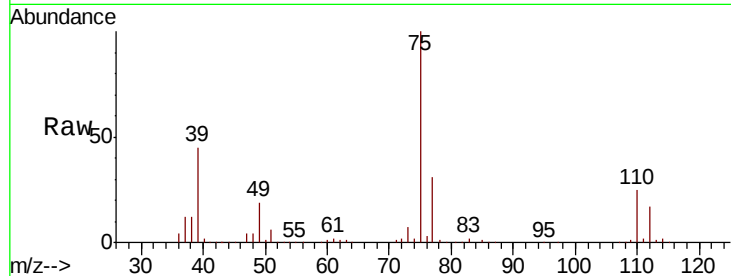
#53
 t-1,3-Dichloropropene
 Concen: 50.975 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 250760
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9

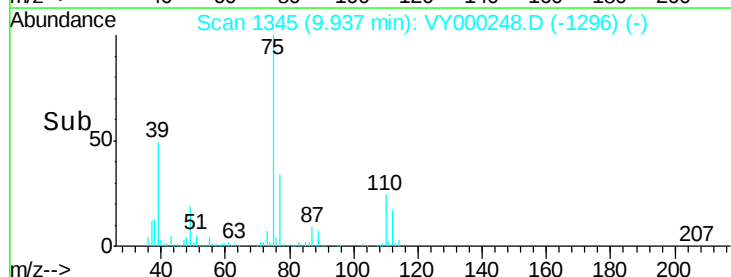
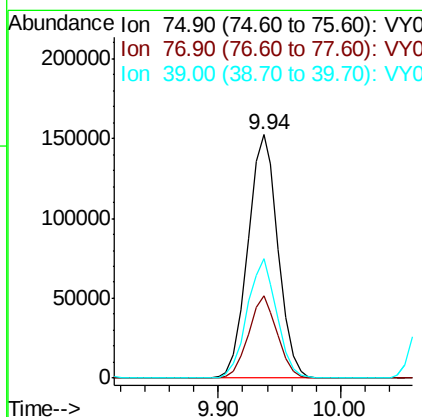
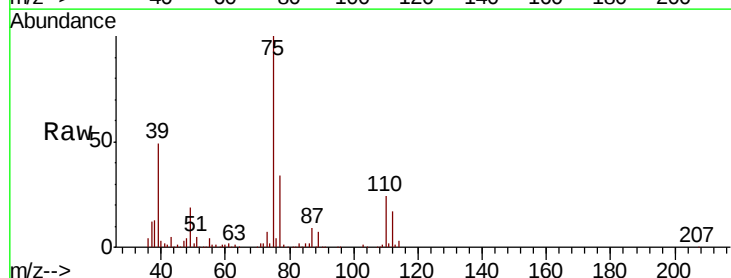
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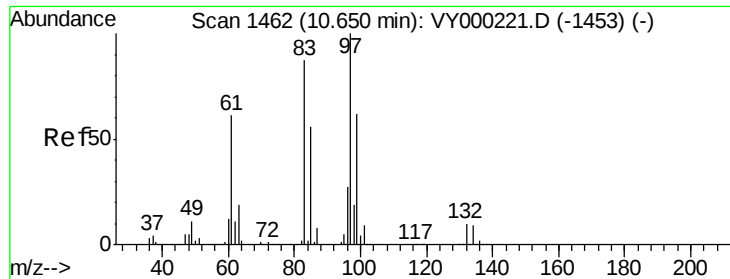
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#54
 cis-1,3-Dichloropropene
 Concen: 48.797 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion: 75 Resp: 259739
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.0 37.4
 39 49.0 36.3 54.5





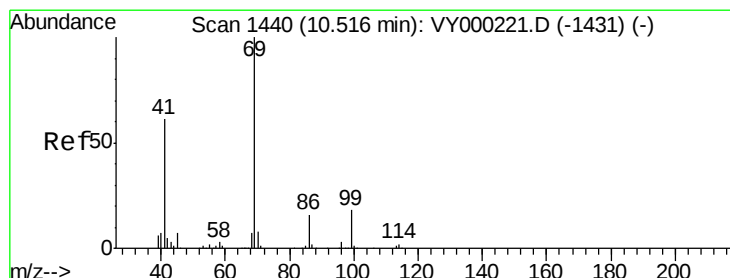
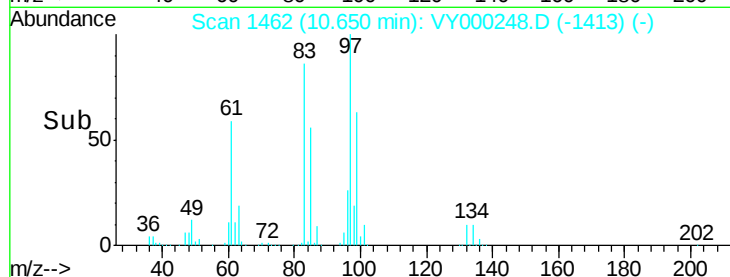
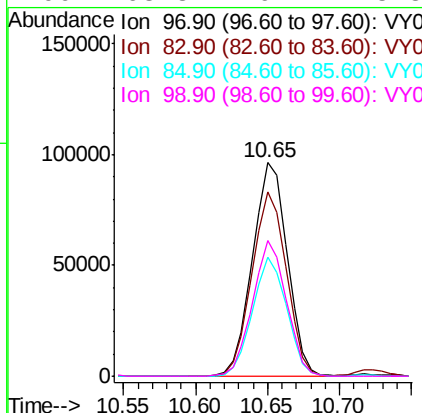
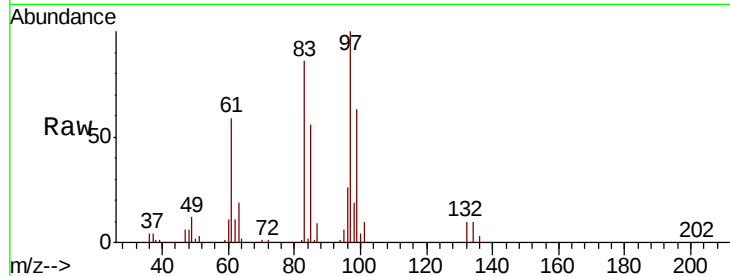
#55
 1,1,2-Trichloroethane
 Concen: 50.455 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		161080		
83	86.1	69.4	104.0		
85	55.6	44.6	66.8		
99	63.3	49.2	73.8		

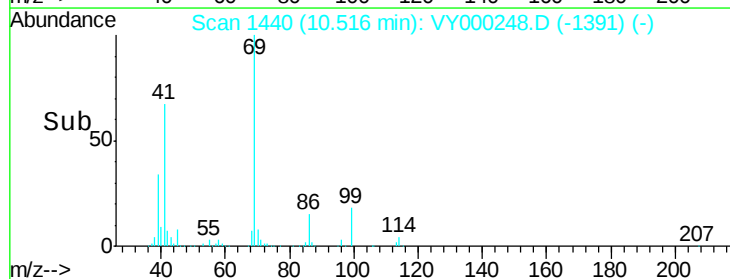
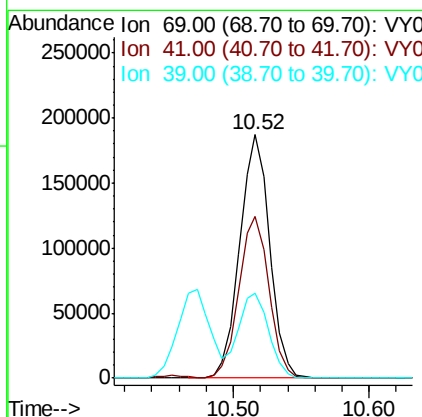
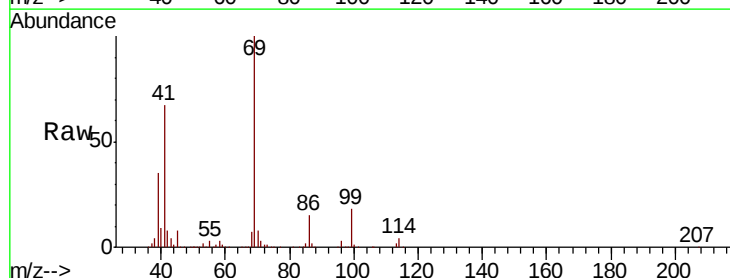
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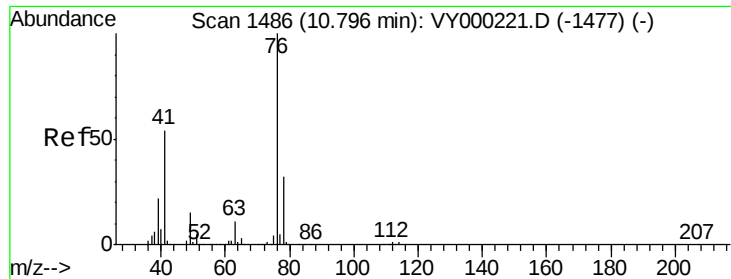
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#56
 Ethyl methacrylate
 Concen: 50.937 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		286302		
41	67.0	51.2	76.8		
39	35.6	27.0	40.4		





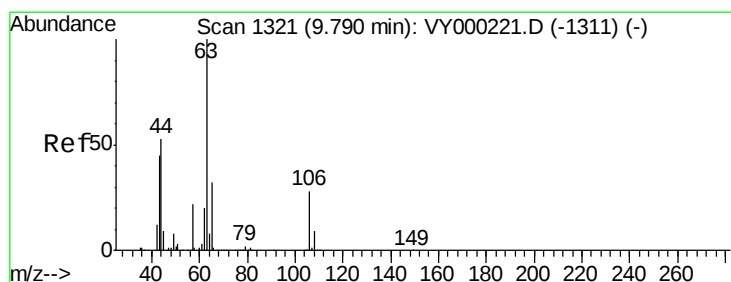
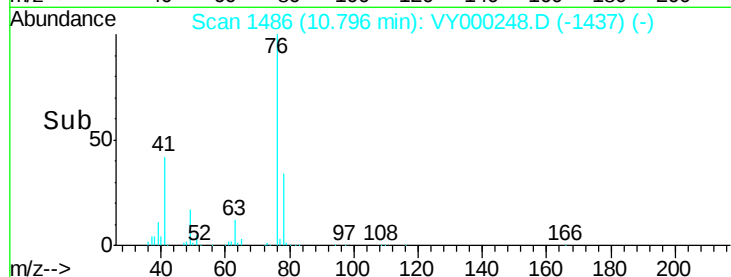
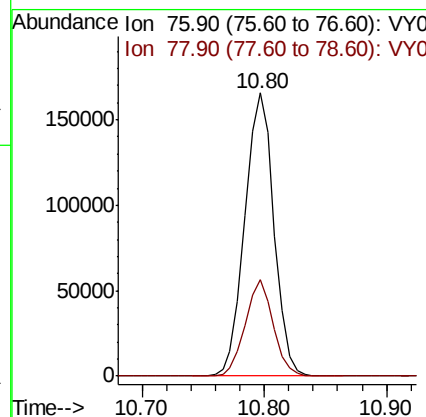
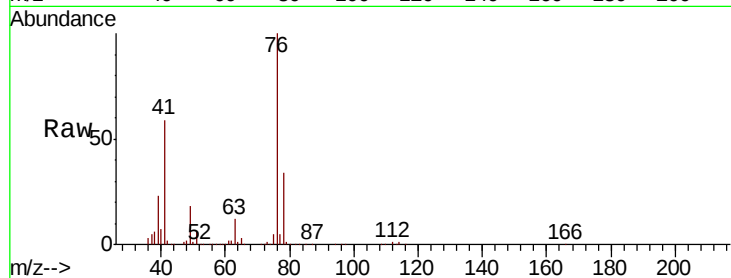
#57
 1,3-Dichloropropane
 Concen: 50.084 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 273013
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

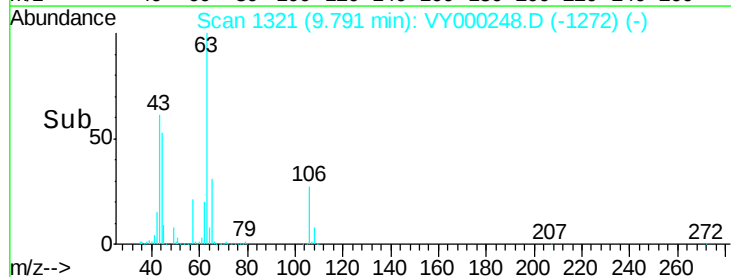
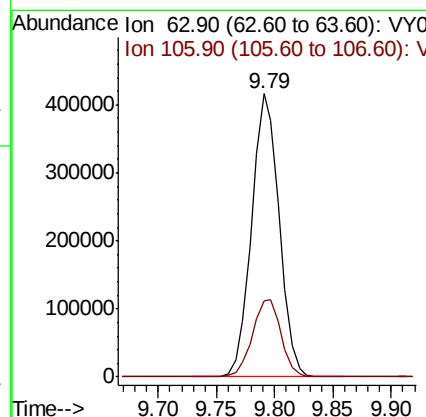
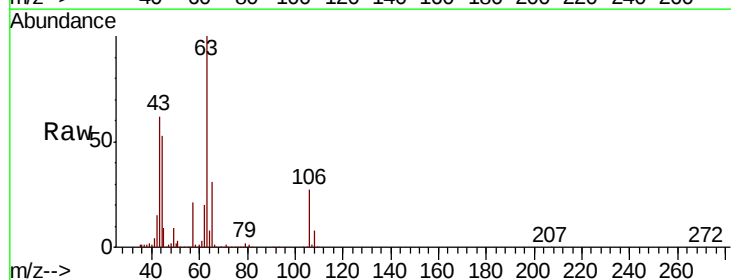
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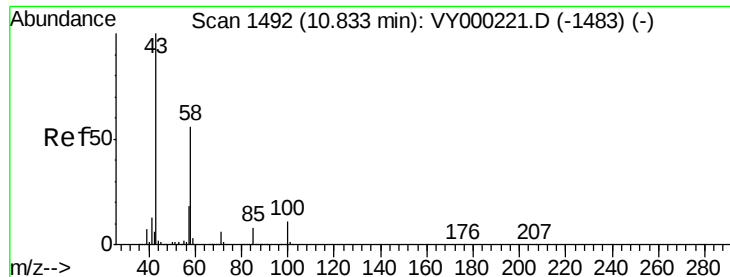
MMDadoda
 10/11/2019 8:40:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.274 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion: 63 Resp: 687149
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.6 33.8





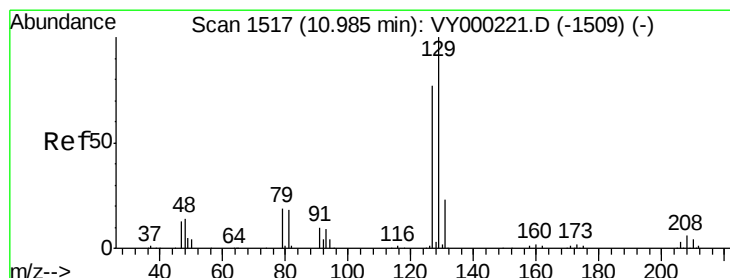
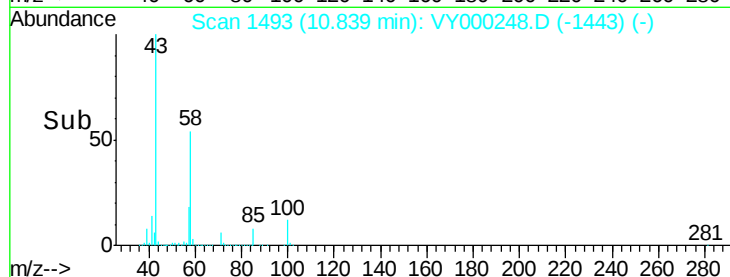
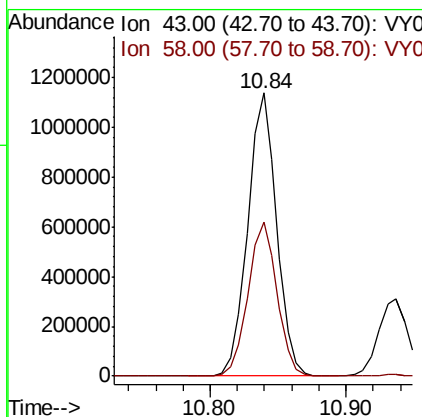
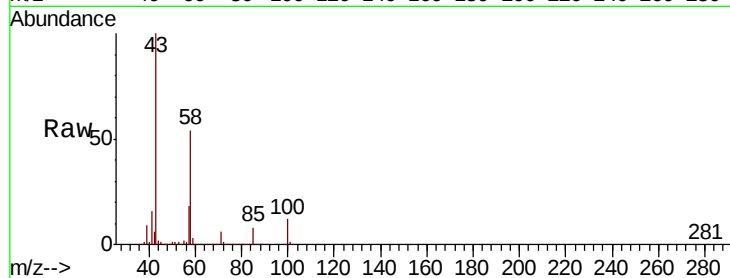
#59
2-Hexanone
Concen: 262.310 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1689845
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6

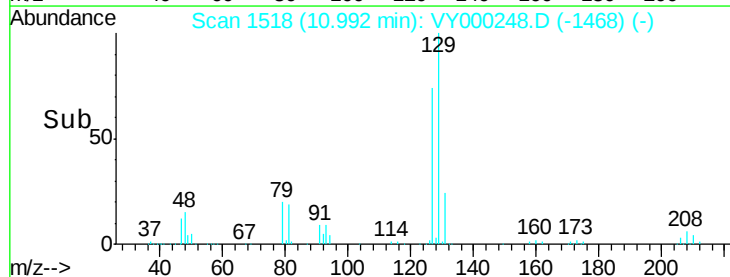
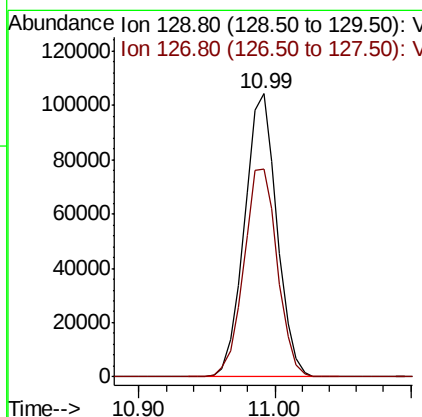
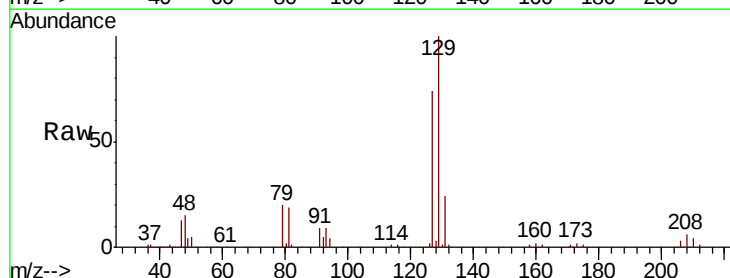
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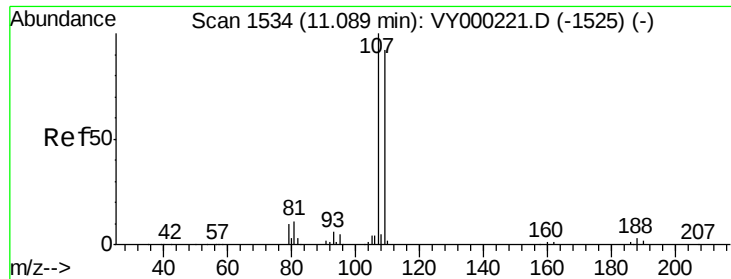
MMDadoda
10/11/2019 8:40:47 AM



#60
Dibromochloromethane
Concen: 51.463 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion: 129 Resp: 173715
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.432 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 171024

Ion Ratio Lower Upper

107 100

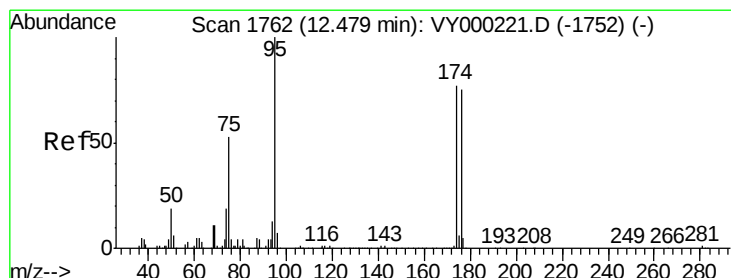
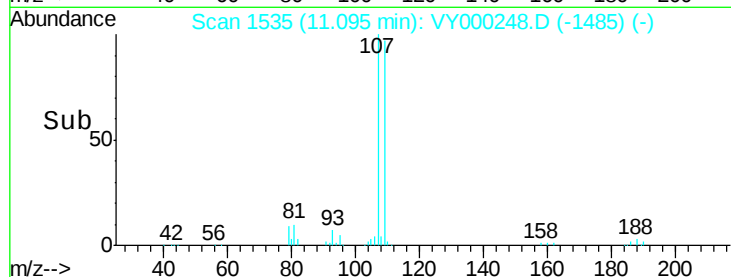
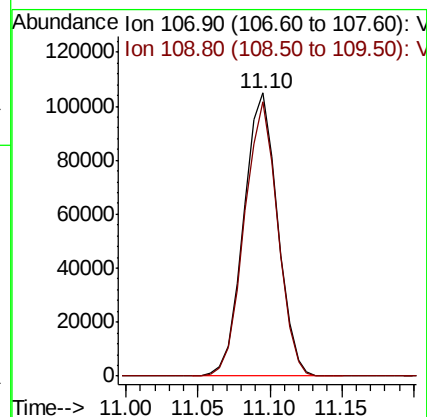
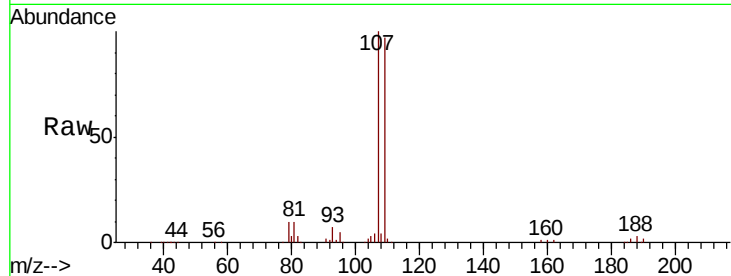
109 95.0 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 50.030 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

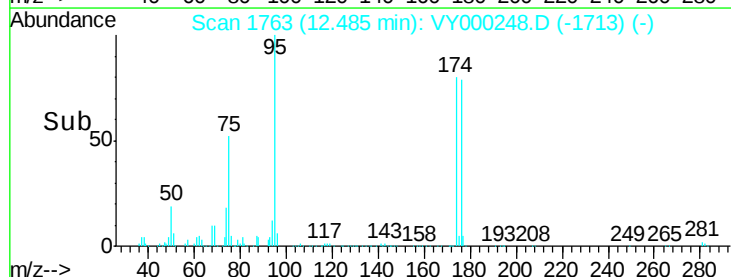
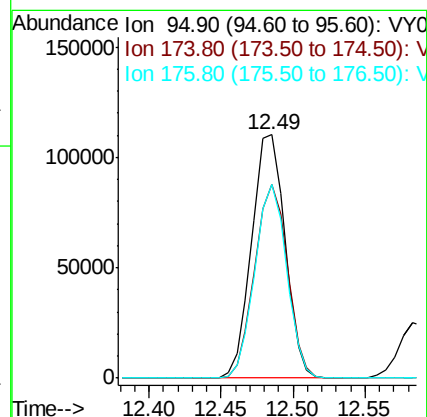
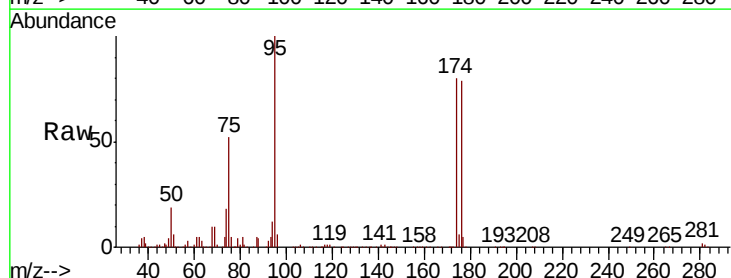
Tgt Ion: 95 Resp: 176753

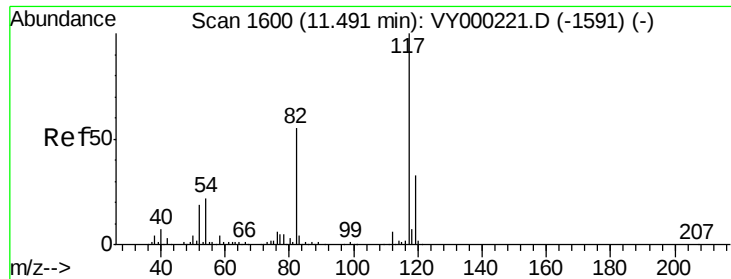
Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.0

176 75.9 0.0 153.0





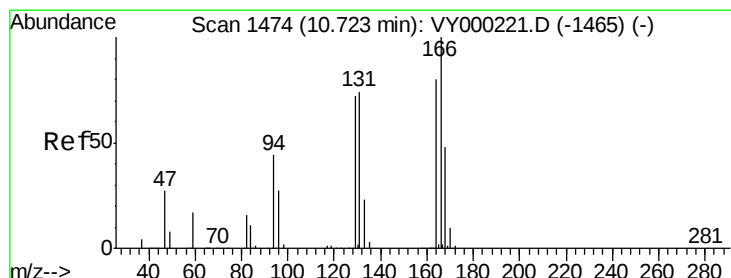
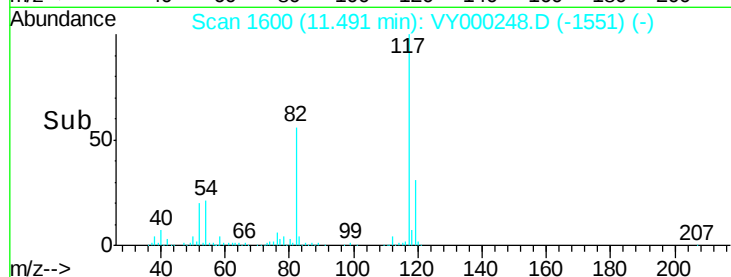
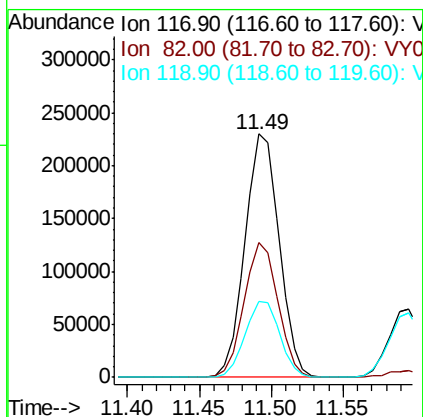
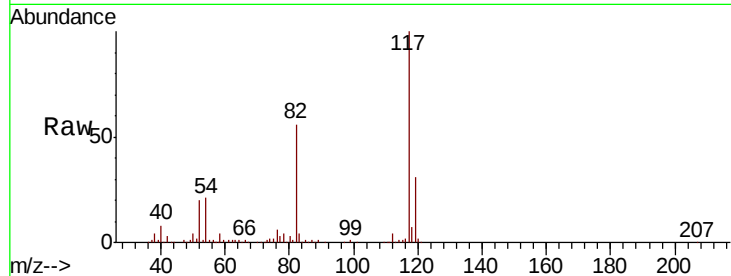
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.4	66.6
119	31.4	26.2	39.2

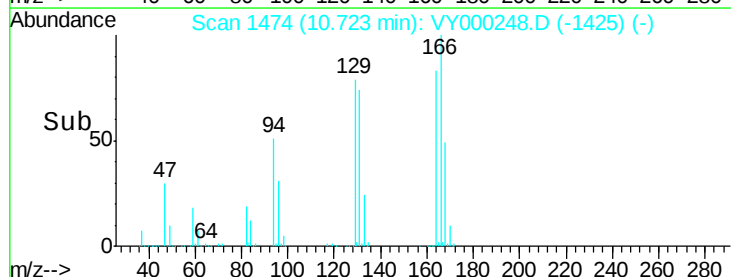
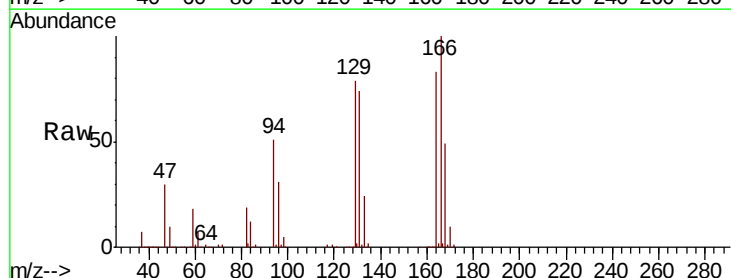
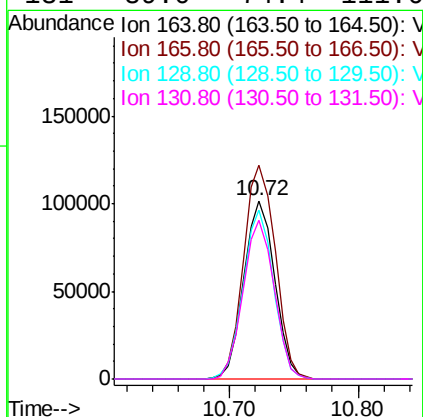
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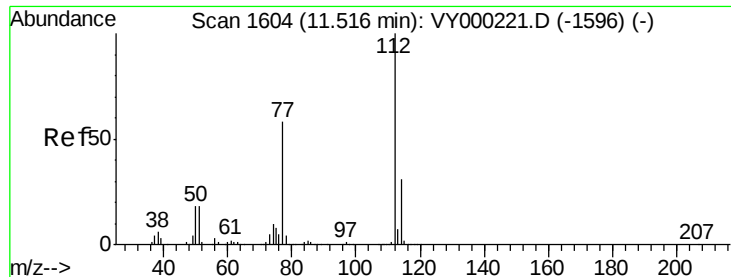
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#64
Tetrachloroethene
Concen: 48.933 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.9	100.3	150.5
129	94.6	72.4	108.6
131	89.0	74.4	111.6





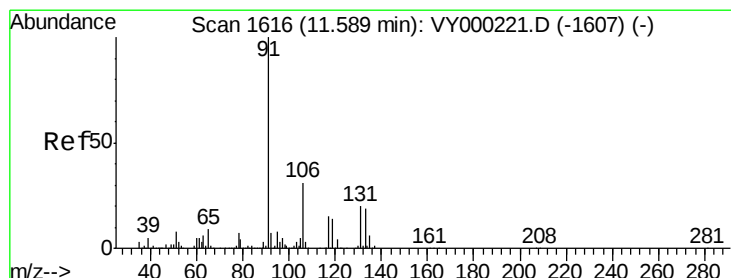
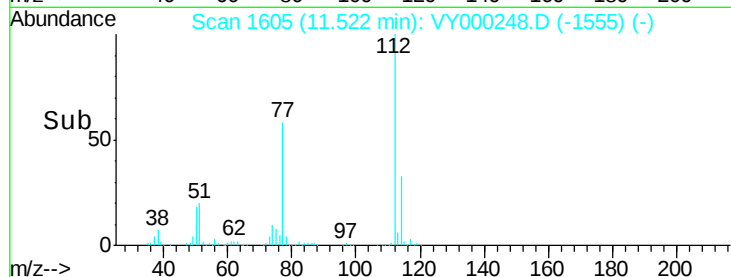
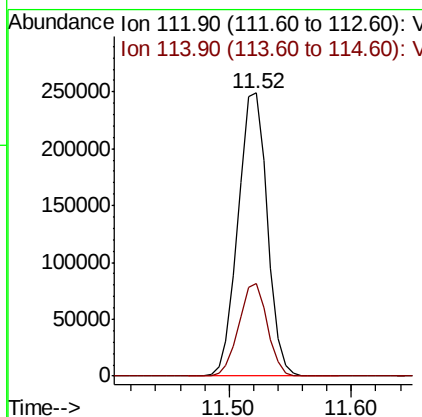
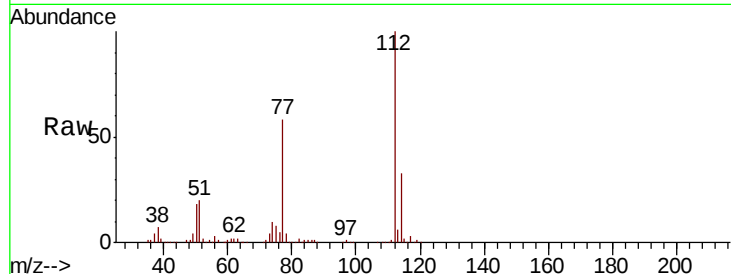
#65
Chlorobenzene
Concen: 47.100 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 412155
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

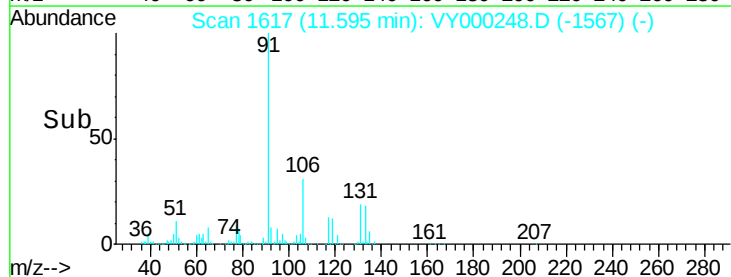
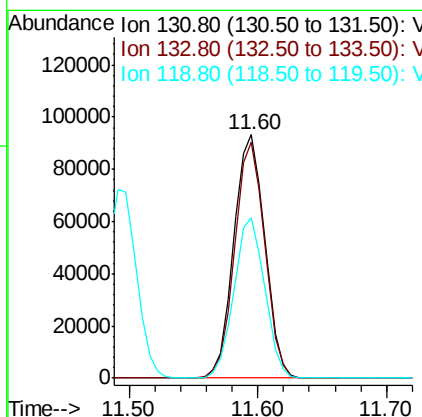
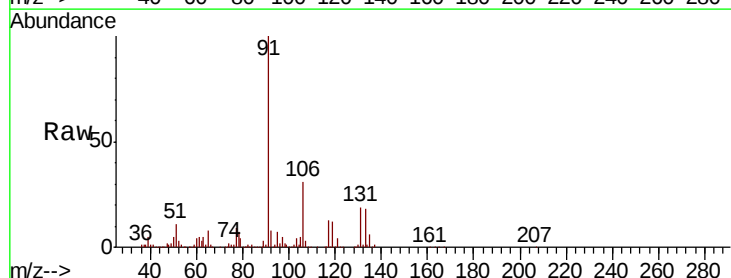
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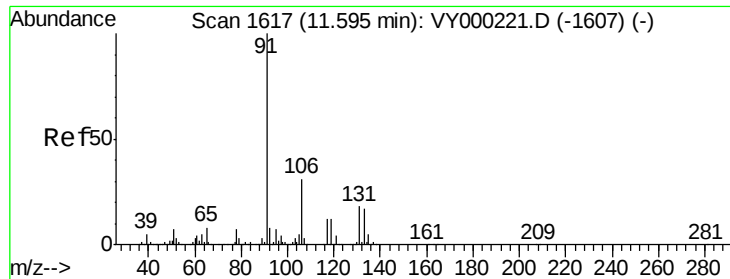
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.611 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion:131 Resp: 155204
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.2
119 65.7 33.3 99.8





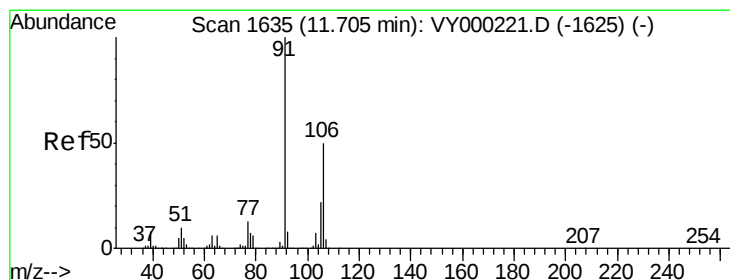
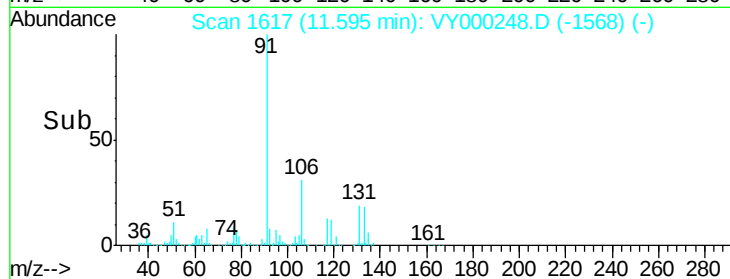
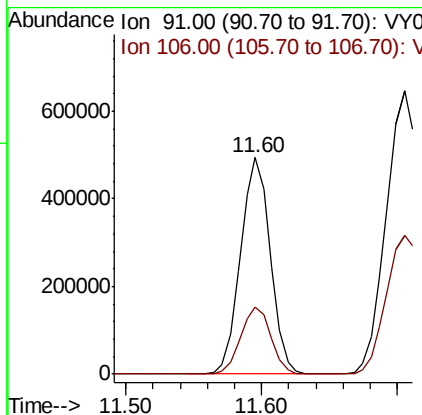
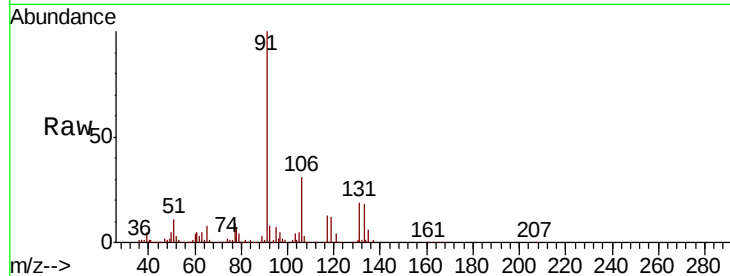
#67
Ethyl Benzene
Concen: 48.189 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

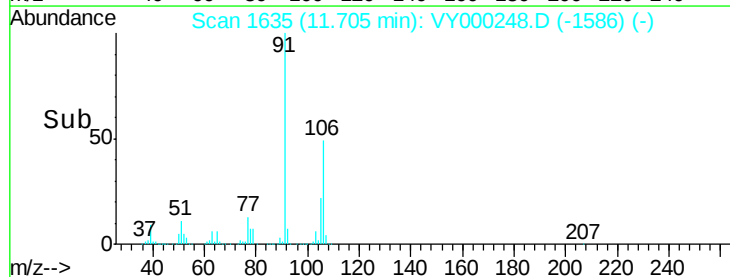
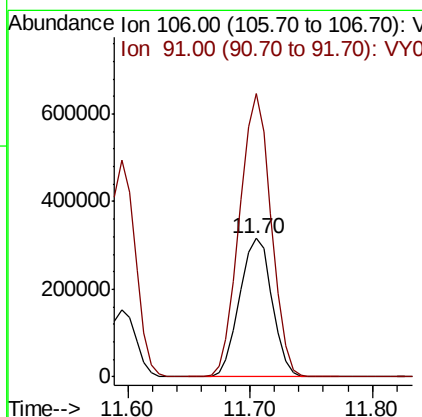
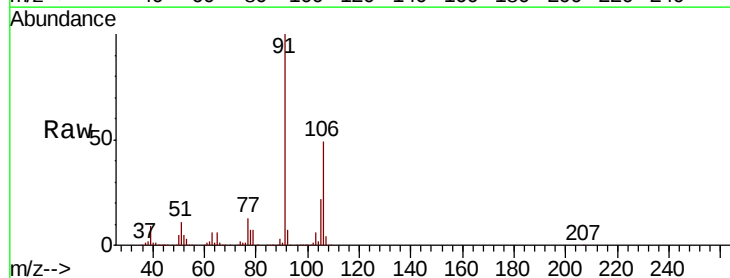
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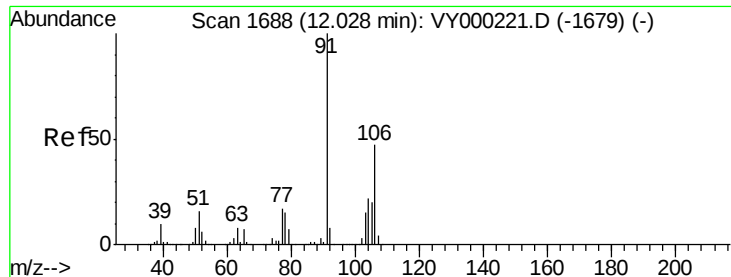
MMDadoda
10/11/2019 8:40:47 AM



#68
m/p-Xylenes
Concen: 97.701 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.5	159.9	239.9





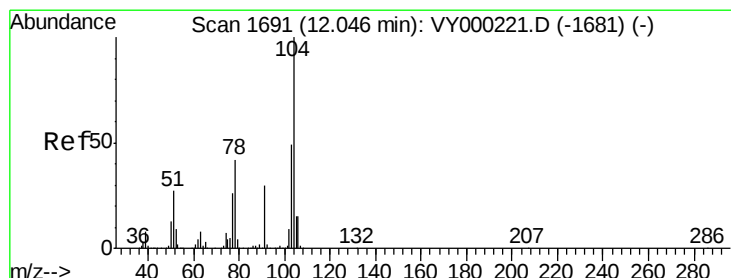
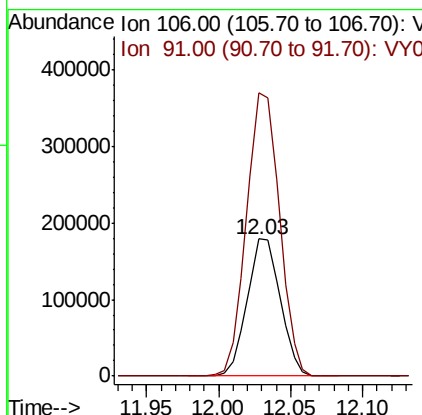
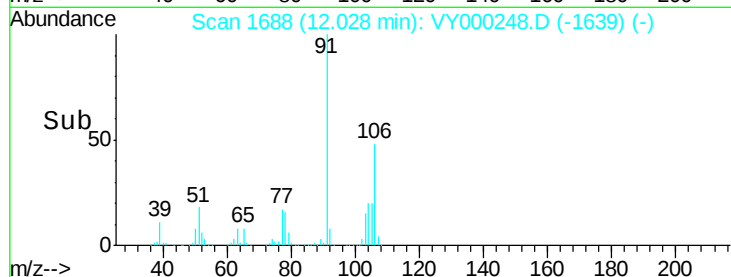
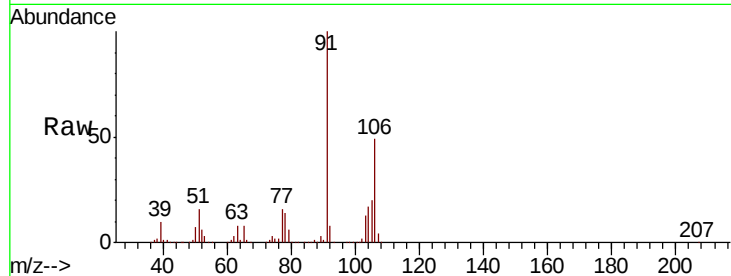
#69
o-Xylene
Concen: 49.576 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
285079	106	100		
	91	205.9	106.1	318.1

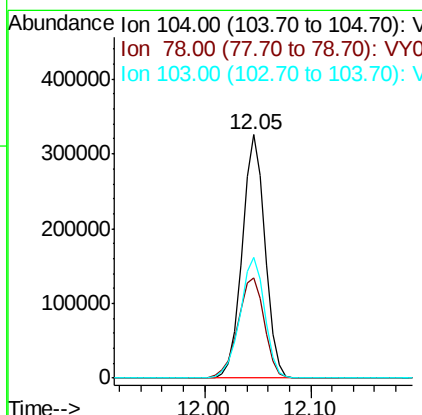
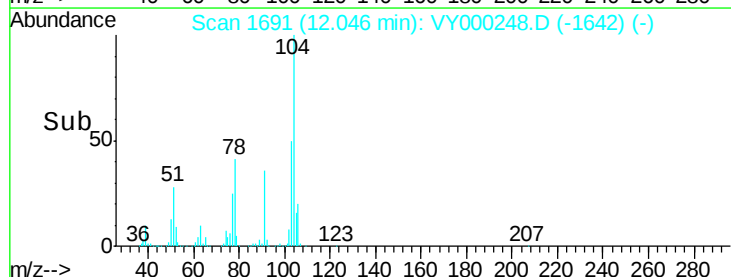
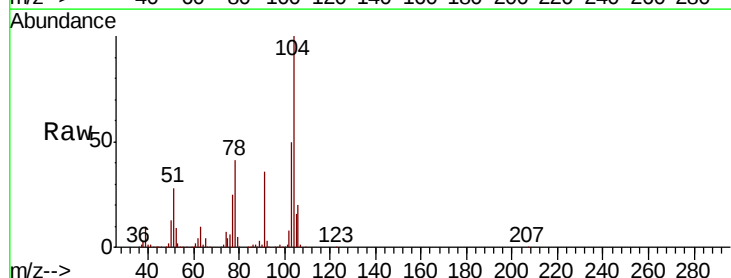
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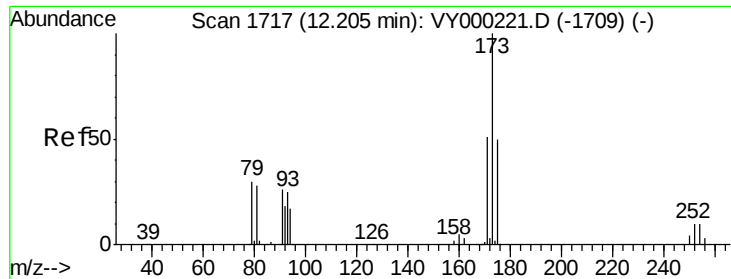
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#70
Styrene
Concen: 49.457 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
489865	104	100		
	78	47.7	39.0	58.4
	103	53.8	43.1	64.7





#71

Bromoform

Concen: 51.399 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

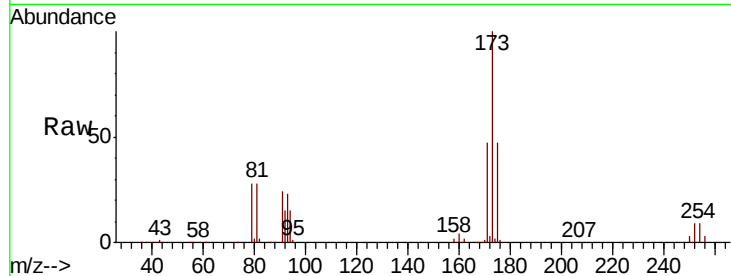
ClientSampleId :

VSTDCCC050EC

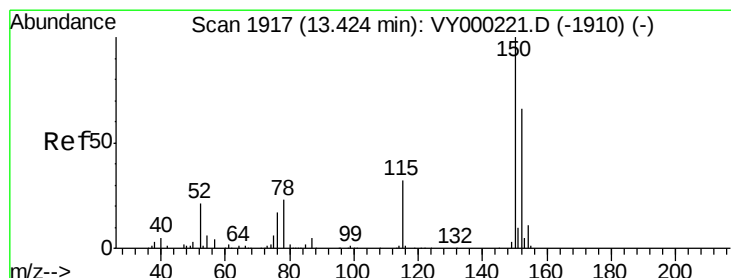
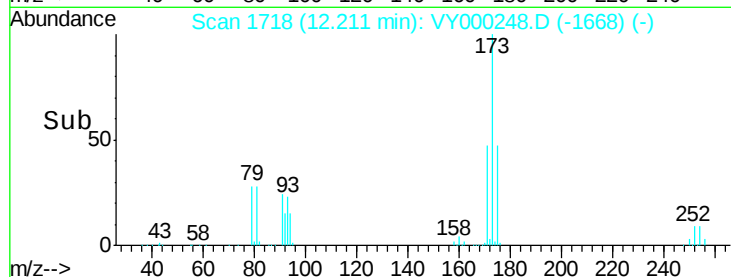
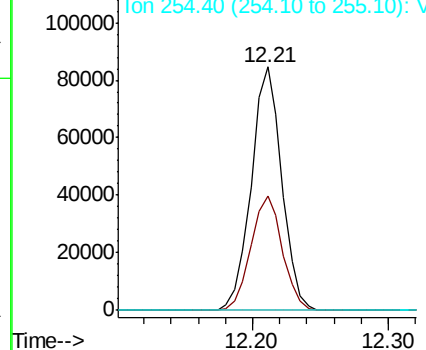
Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	48.4	24.8	74.3	
254	0.0	0.1	0.1	

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

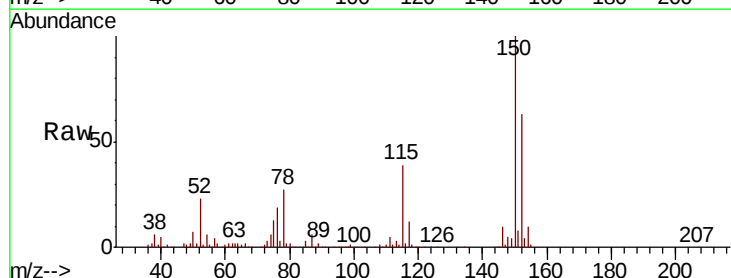
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

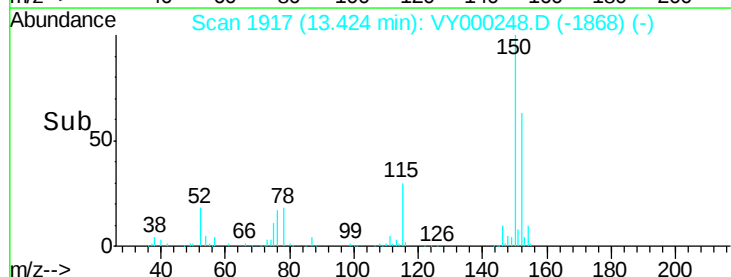
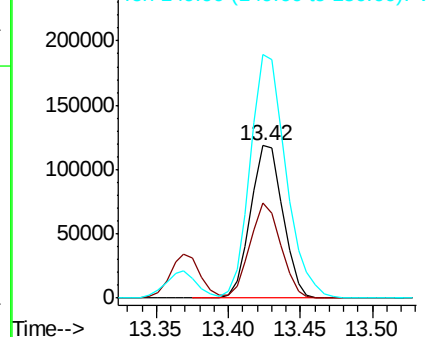
Lab File: VY000248.D

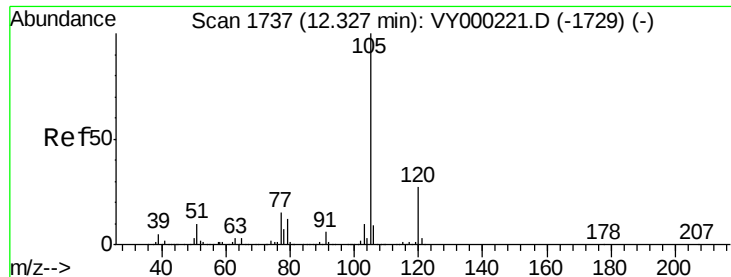
Acq: 09 Oct 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	59.6	29.3	88.0	
150	175.4	0.0	349.6	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.944 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 747994

Ion Ratio Lower Upper

105 100

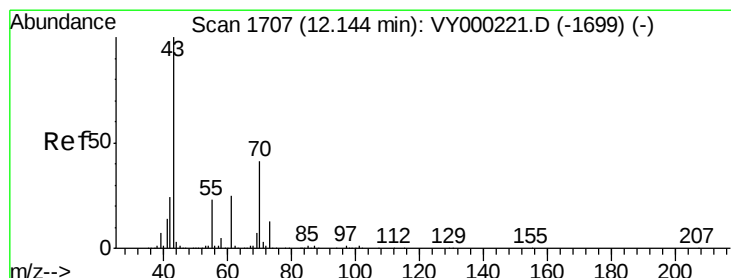
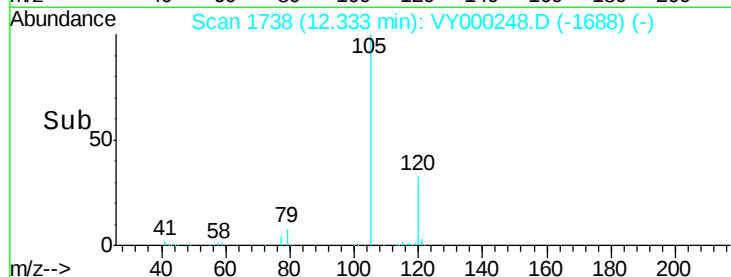
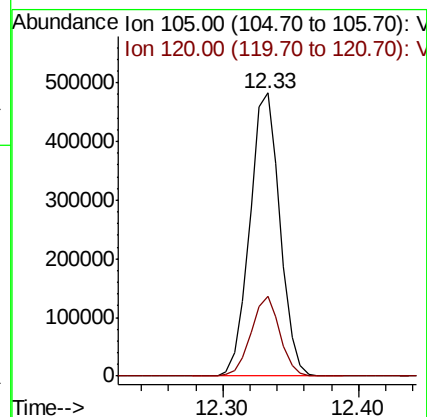
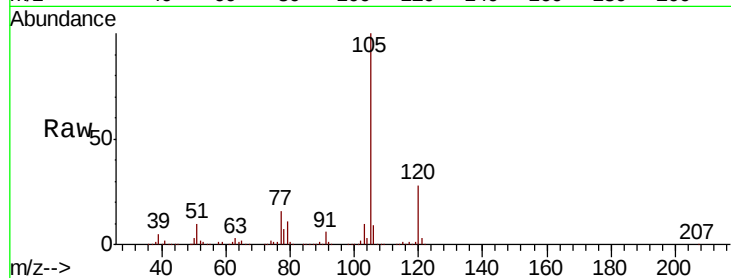
120 26.9 13.6 40.8

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#74

N-ethyl acetate

Concen: 48.586 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion: 43 Resp: 400231

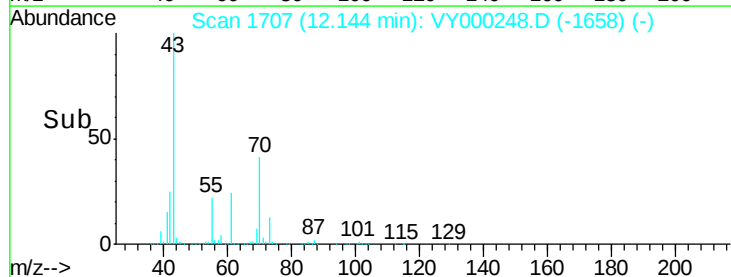
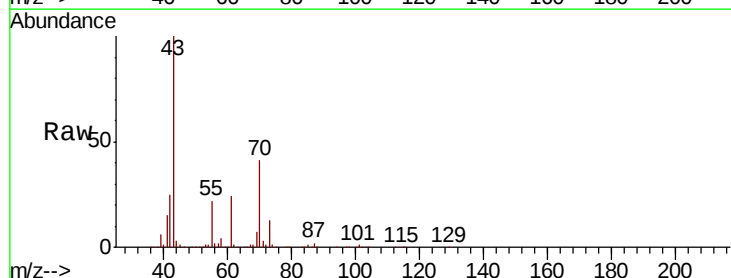
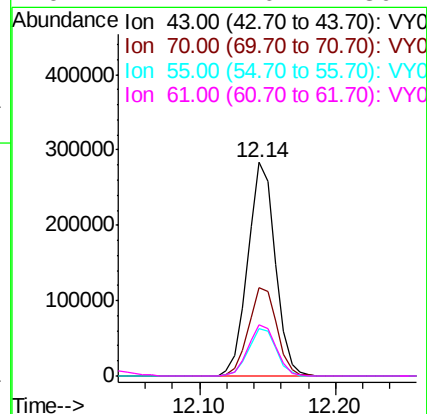
Ion Ratio Lower Upper

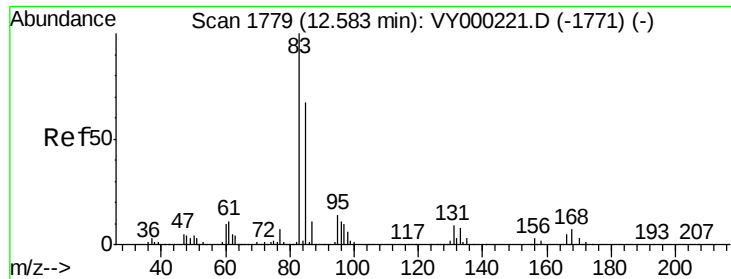
43 100

70 42.7 34.9 52.3

55 22.6 18.2 27.2

61 24.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.311 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

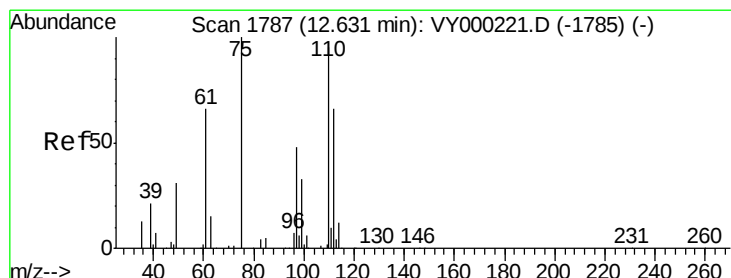
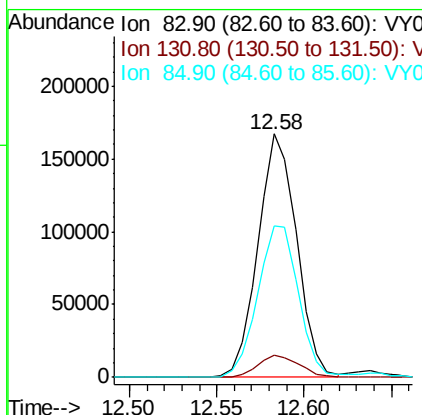
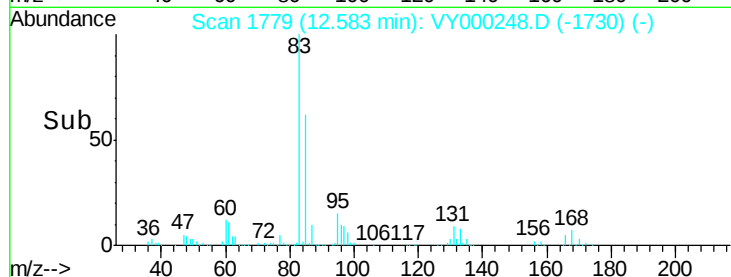
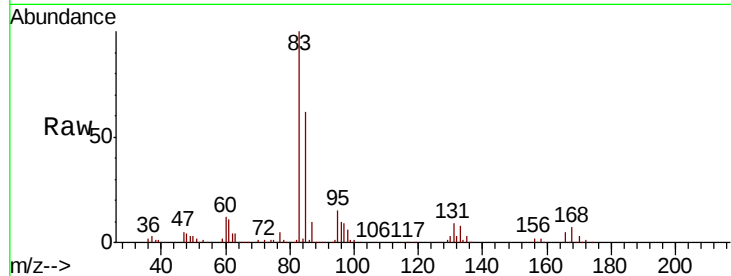
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	257225
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.8	14.3
85	65.5	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 51.480 ug/l m

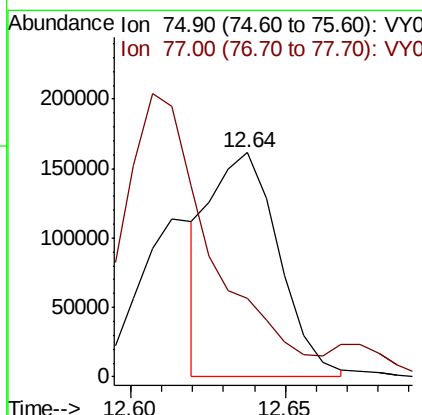
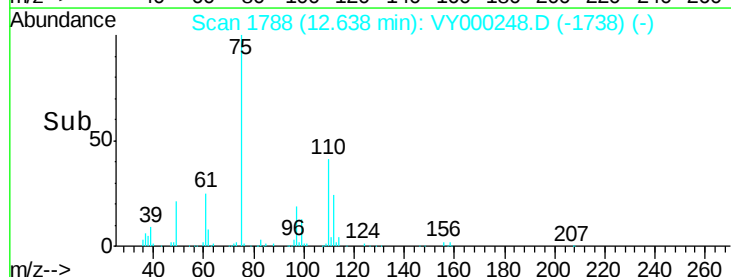
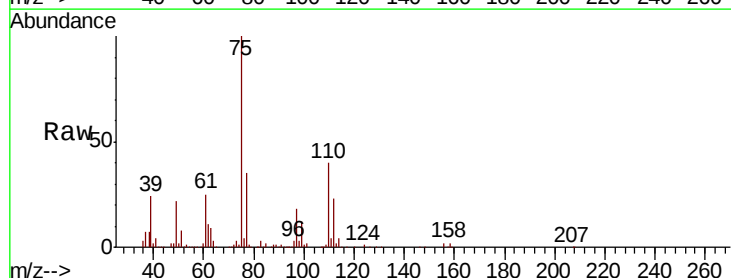
RT: 12.64 min Scan# 1788

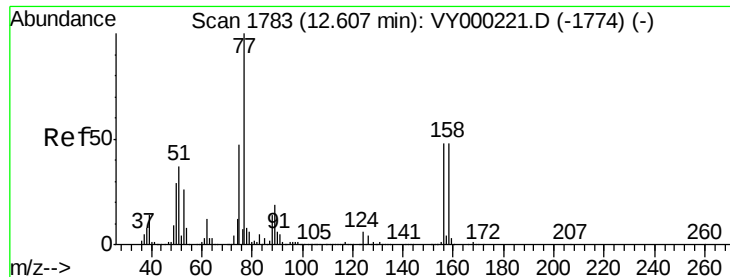
Delta R.T. 0.01 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion:	75	Resp:	250241
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.983 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 171887

Ion Ratio Lower Upper

156 100

77 237.4 118.1 354.3

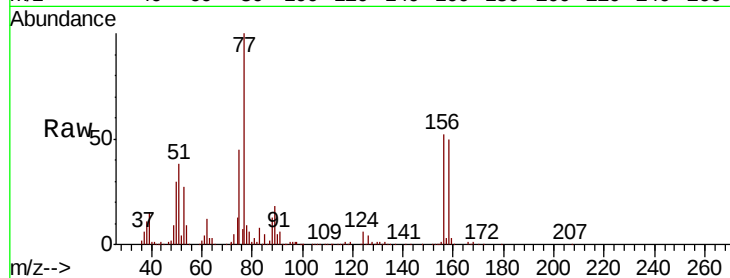
158 95.7 47.8 143.3

Manual Integrations

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MMDadoda

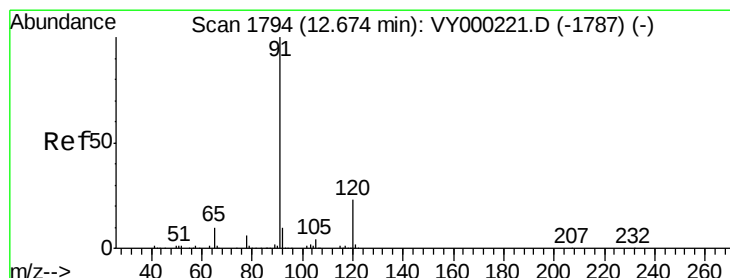
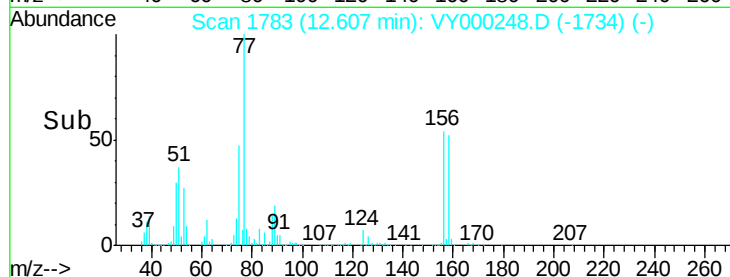
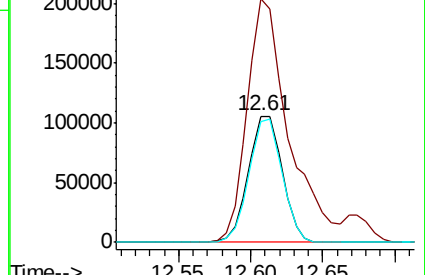
10/11/2019 8:40:47 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.339 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000248.D

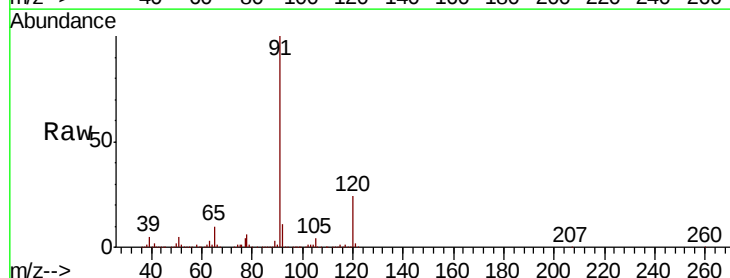
Acq: 09 Oct 2019 16:58

Tgt Ion: 91 Resp: 880884

Ion Ratio Lower Upper

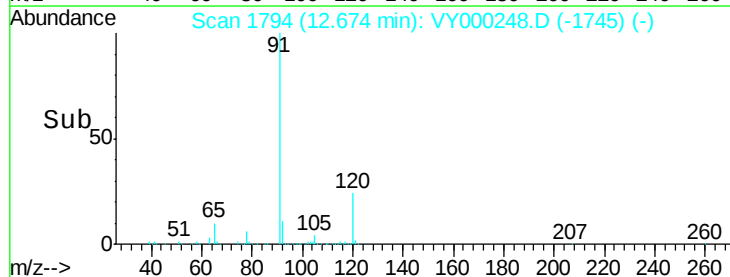
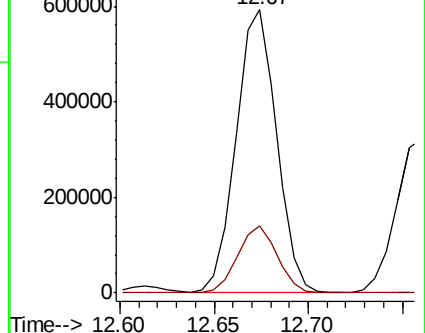
91 100

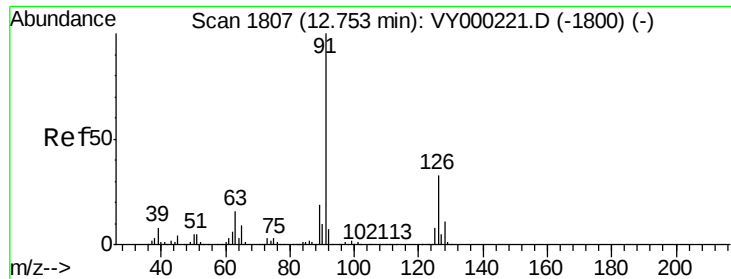
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





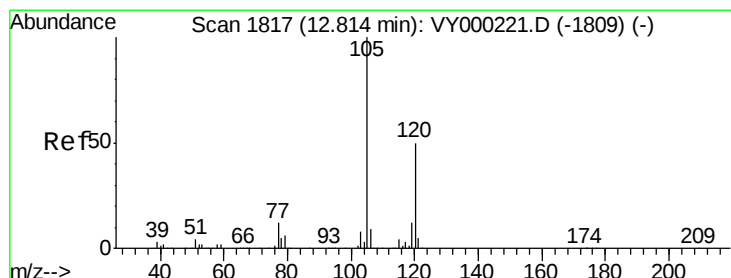
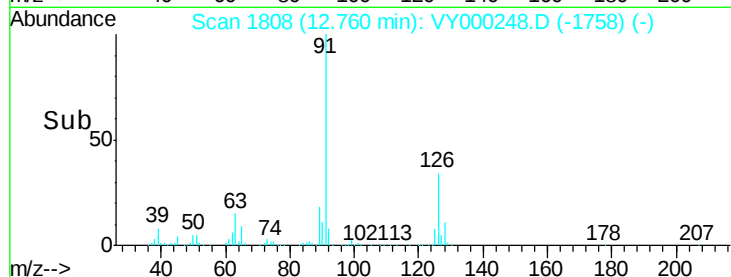
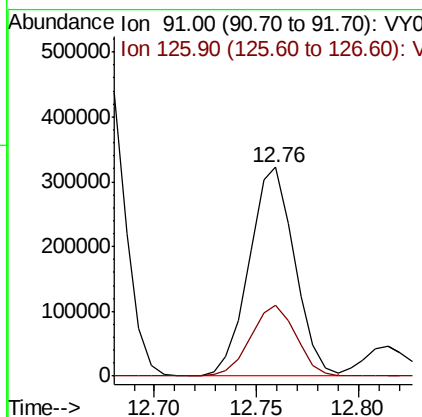
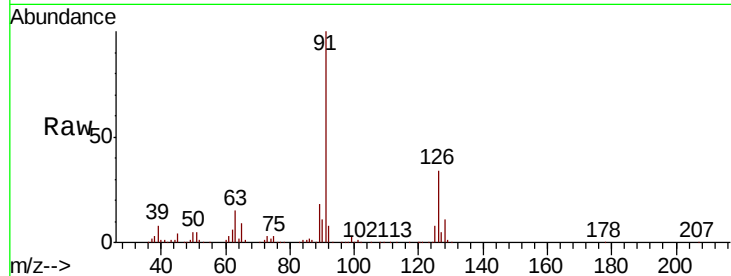
#79
2-Chlorotoluene
Concen: 47.691 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 500373
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

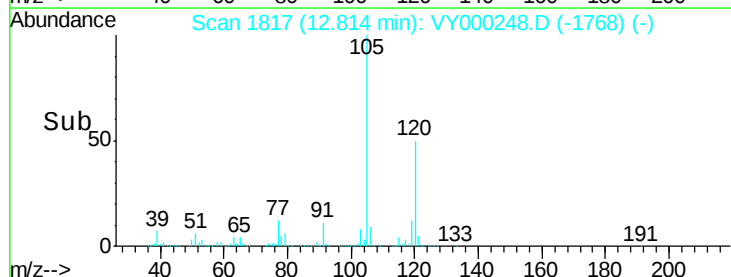
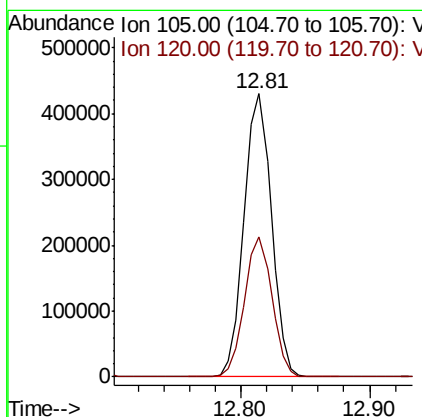
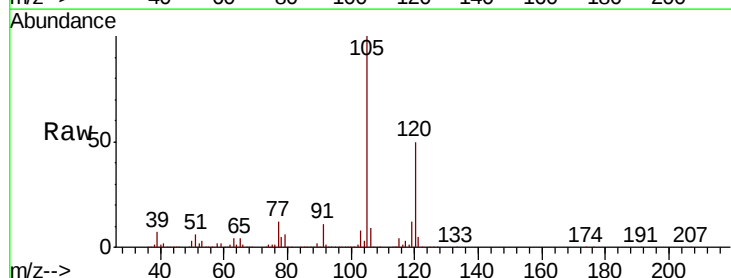
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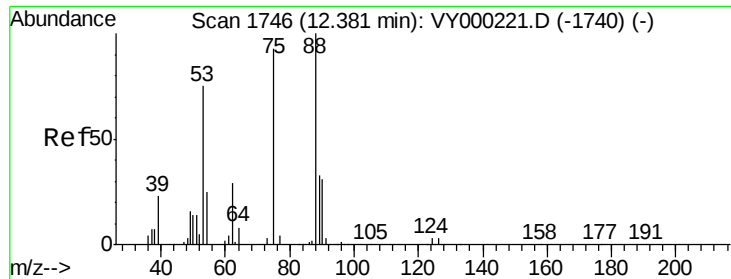
MMDadoda
10/11/2019 8:40:47 AM



#80
1,3,5-Trimethylbenzene
Concen: 48.558 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion: 105 Resp: 632120
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.843 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 114642

Ion Ratio Lower Upper

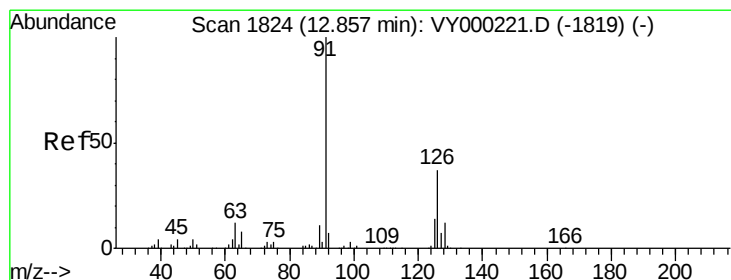
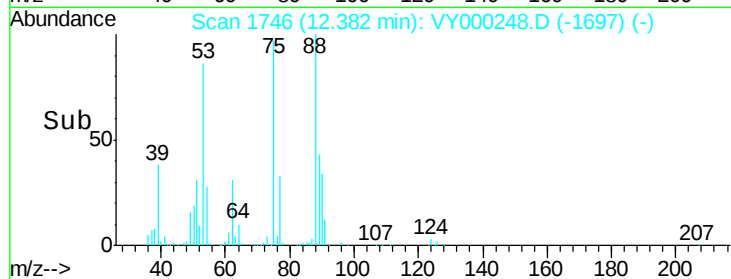
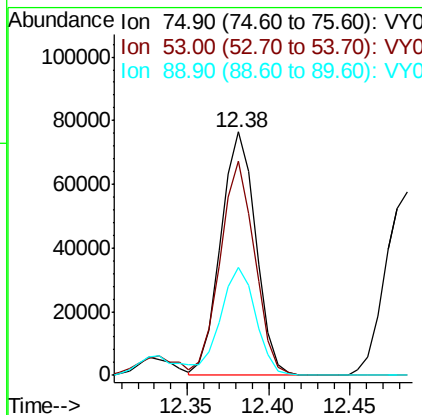
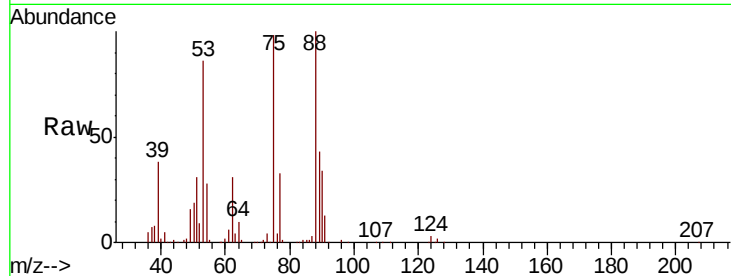
75 100

53 86.2 66.5 99.7

89 44.5 46.9 70.3#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.656 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000248.D

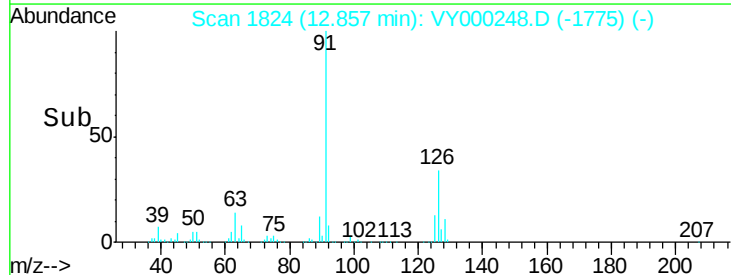
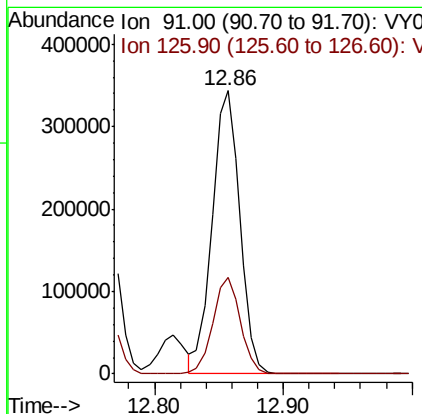
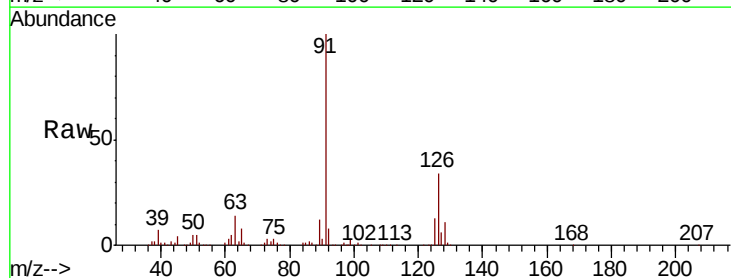
Acq: 09 Oct 2019 16:58

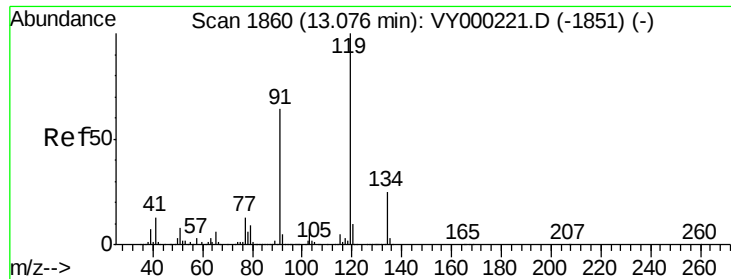
Tgt Ion: 91 Resp: 517065

Ion Ratio Lower Upper

91 100

126 33.9 17.3 52.0





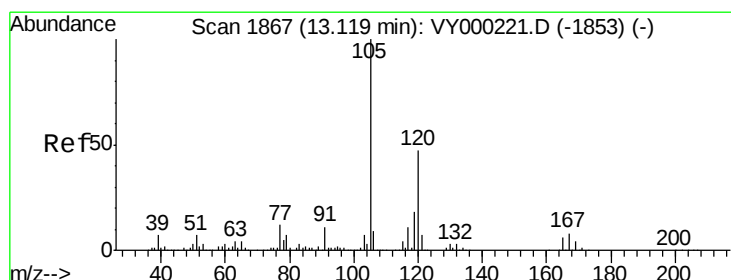
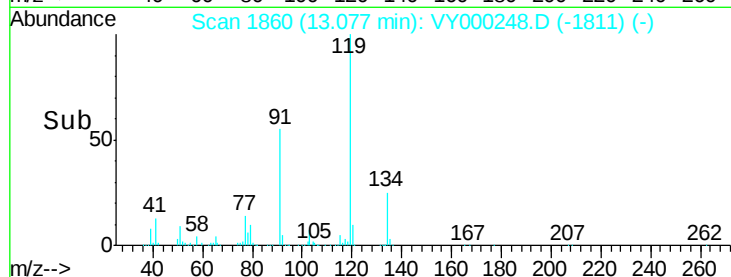
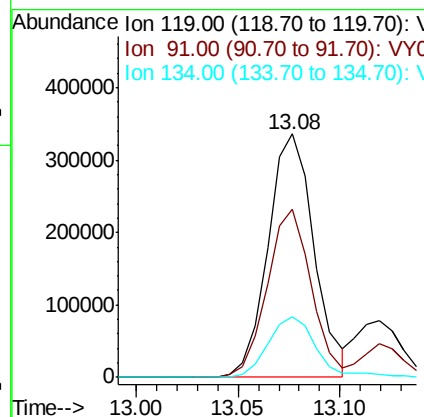
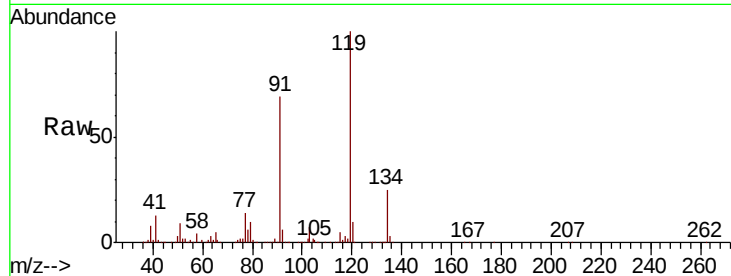
#83
 tert-Butylbenzene
 Concen: 46.733 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.4	97.2
134	26.3	13.2	39.6

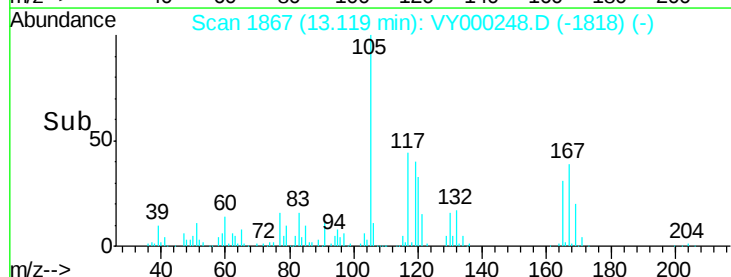
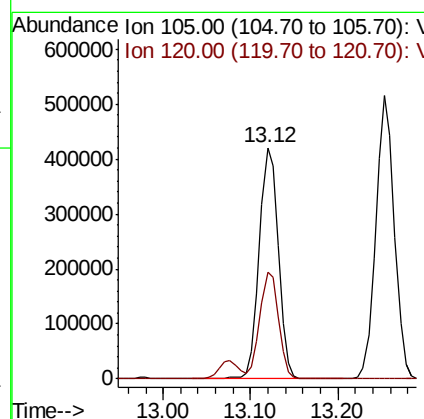
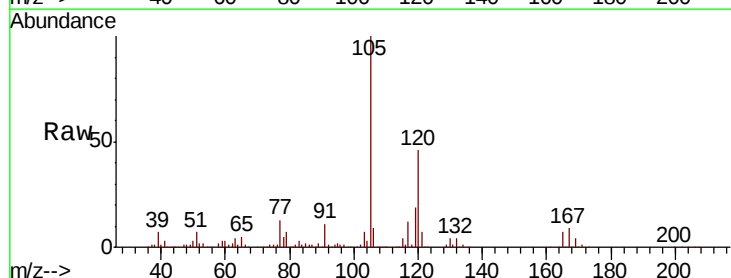
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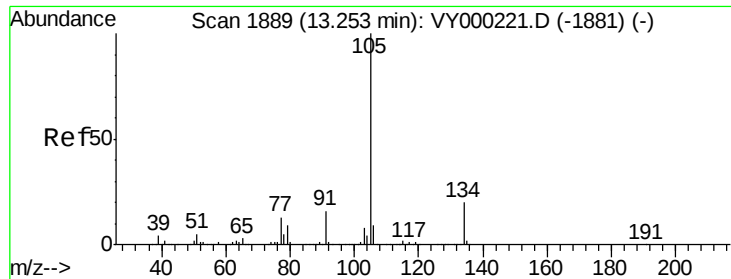
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.697 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 48.587 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 757755

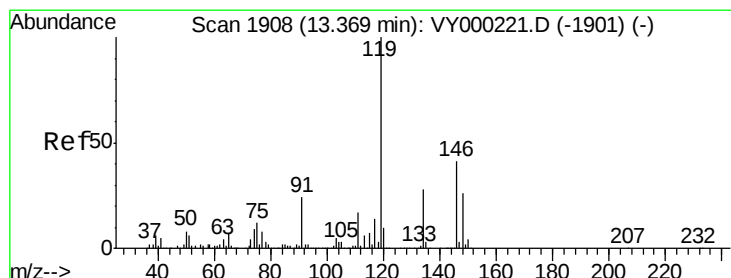
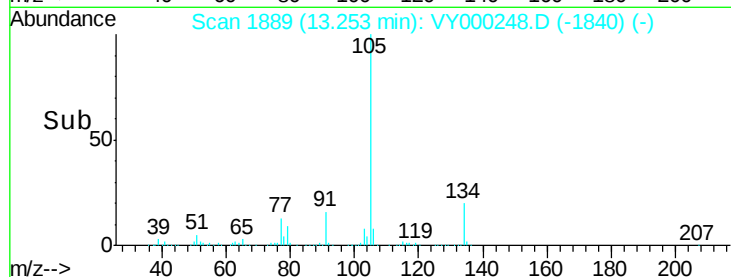
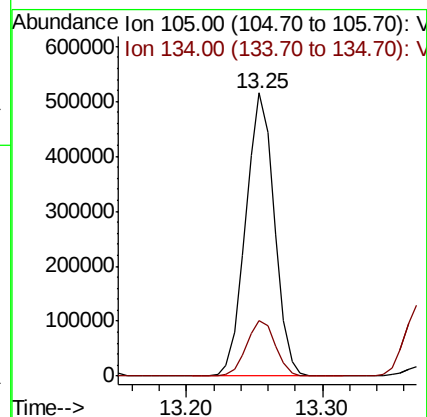
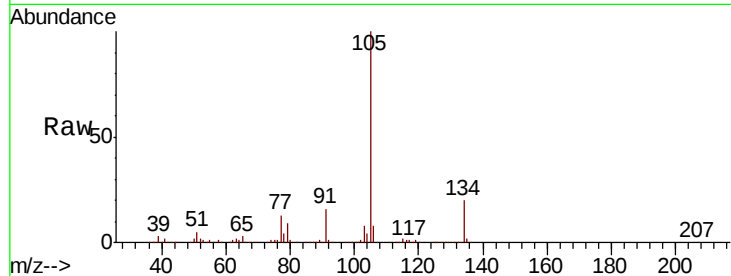
Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 48.765 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

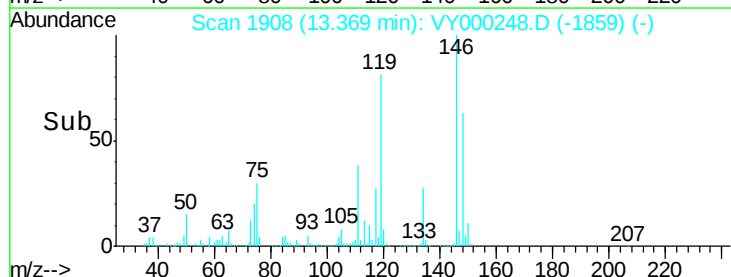
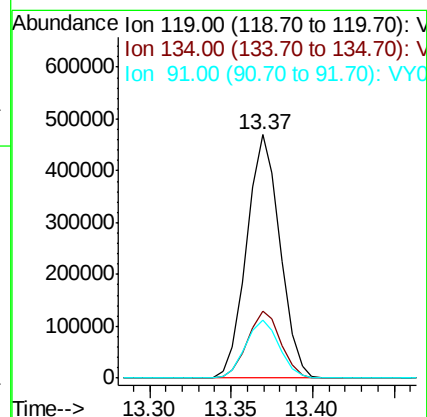
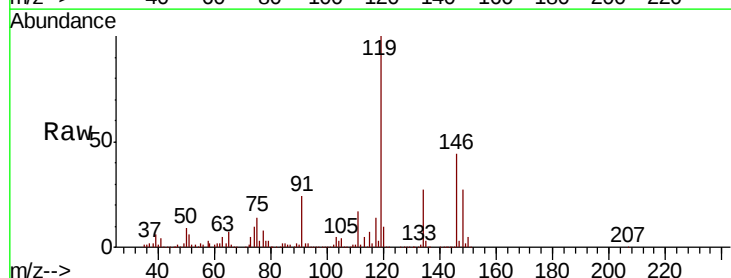
Tgt Ion:119 Resp: 668790

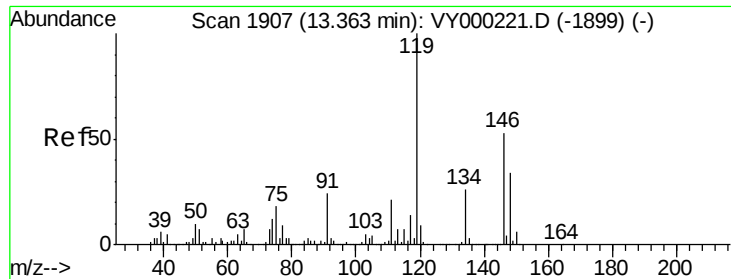
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.9

91 23.9 11.7 35.1





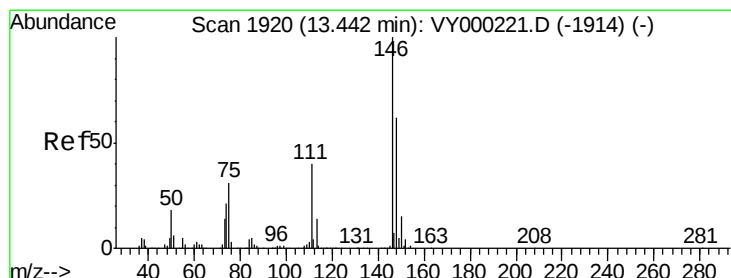
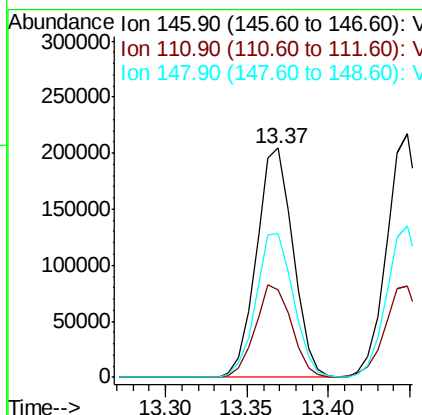
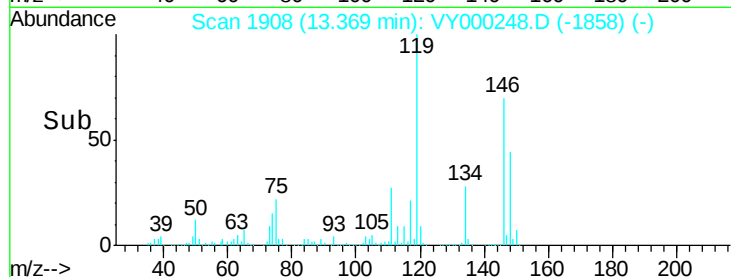
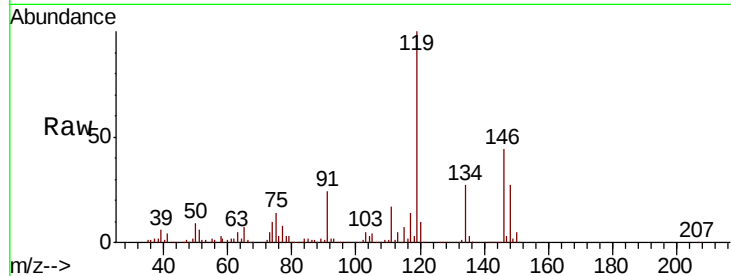
#87
 1,3-Dichlorobenzene
 Concen: 47.868 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.4	31.7	95.1

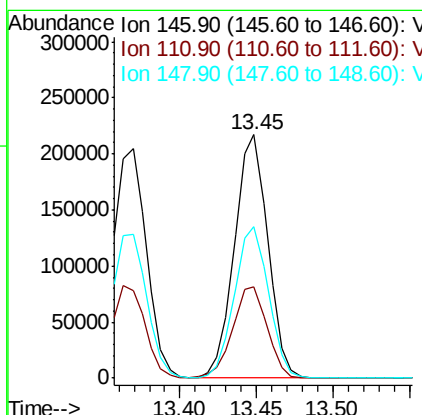
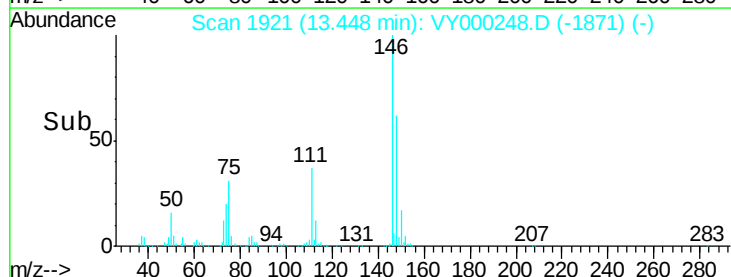
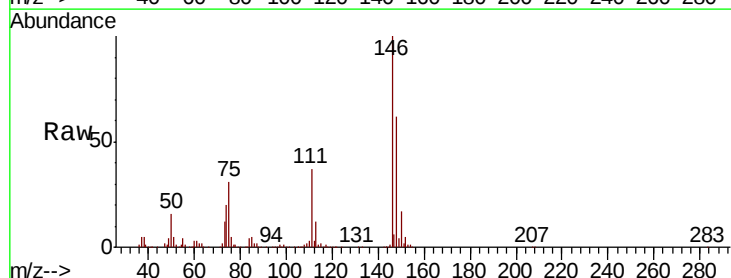
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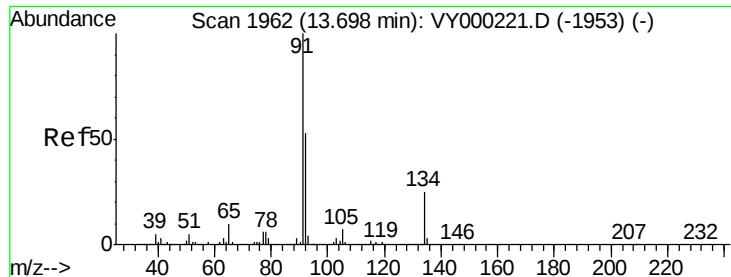
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 10/11/2019 8:40:47 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.525 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	63.5	31.6	94.8





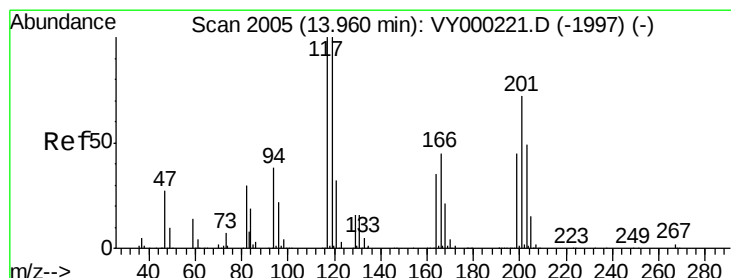
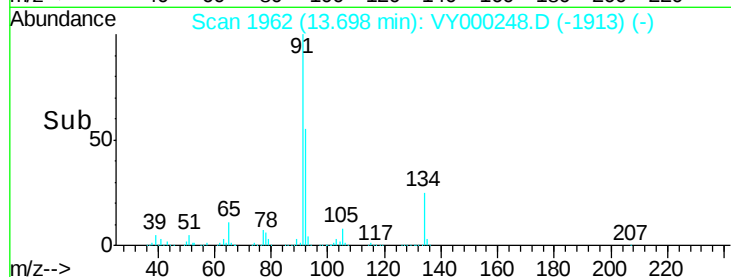
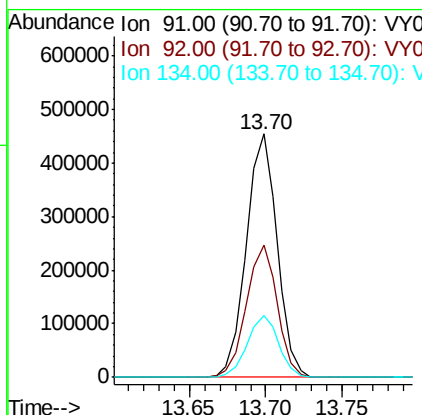
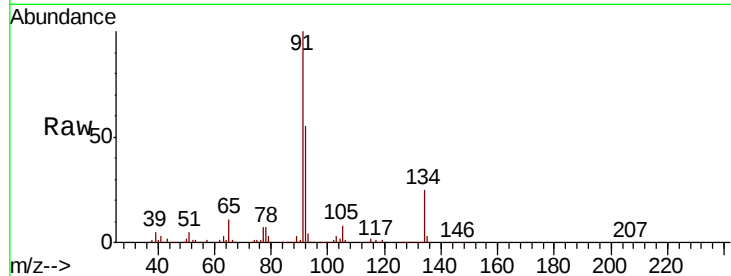
#89
n-Butylbenzene
Concen: 49.105 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	80.8
134	25.7	12.8	38.4

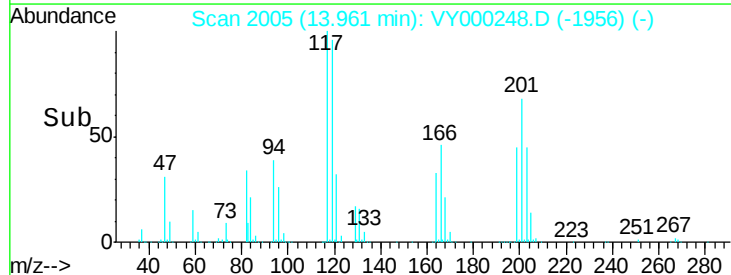
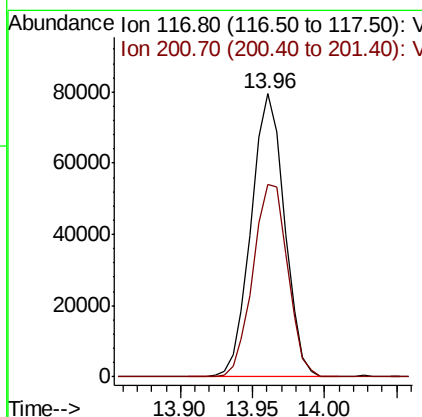
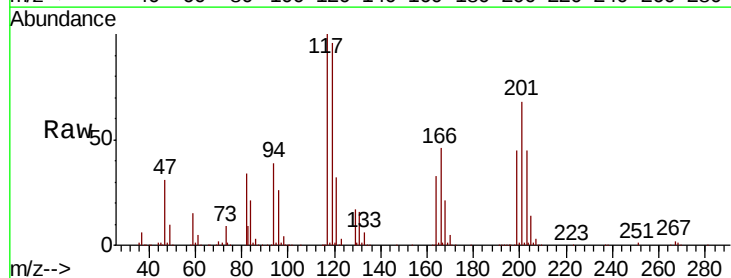
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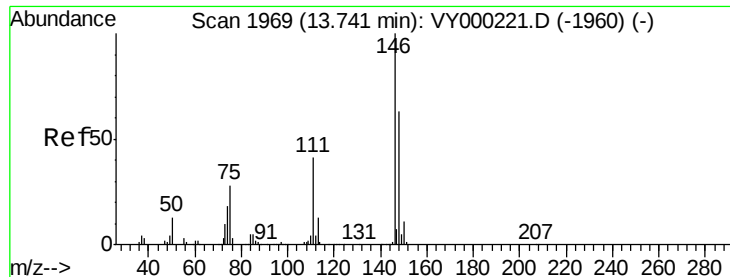
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#90
Hexachloroethane
Concen: 49.087 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.9	35.5	106.5





#91

1,2-Dichlorobenzene

Concen: 47.292 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Instrument :

MSVOA_Y

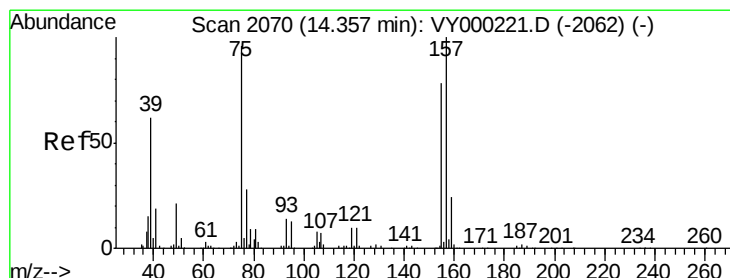
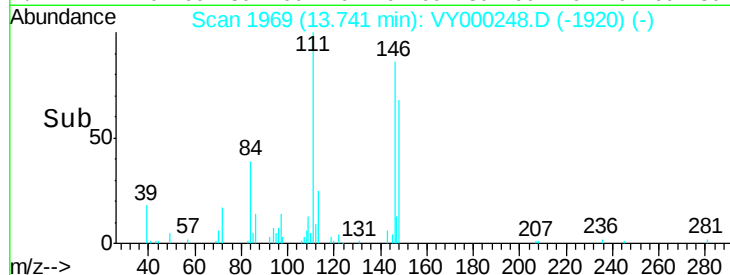
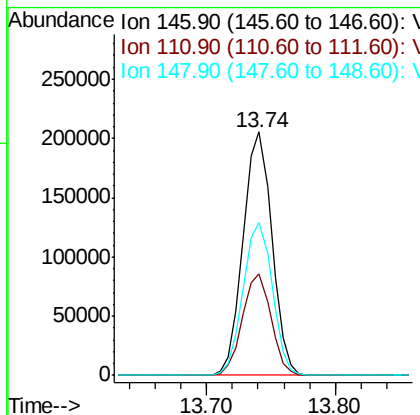
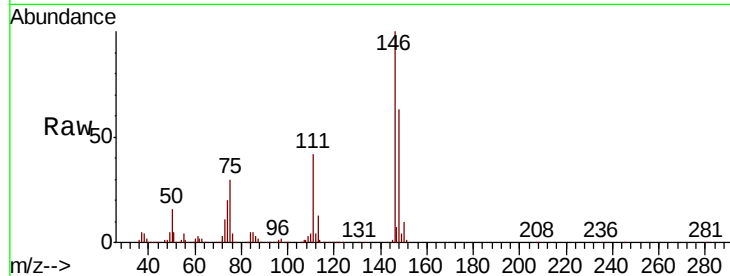
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	317387
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.9	62.8
148	63.7	31.6	95.0

Manual Integrations
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10/11/2019 8:40:47 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.215 ug/l

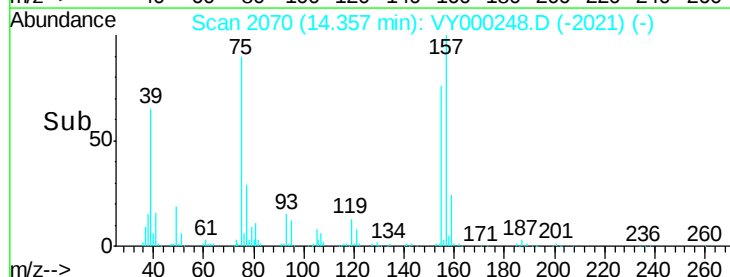
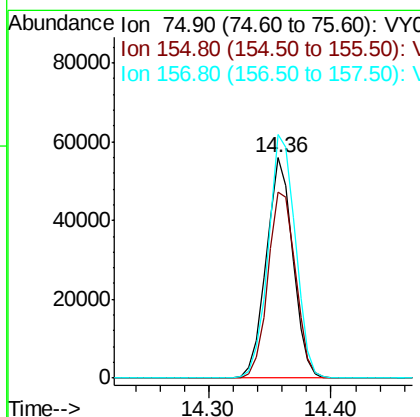
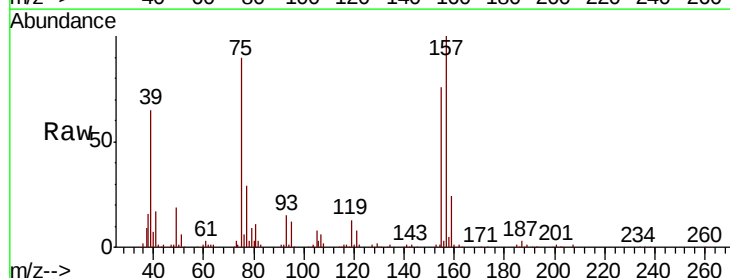
RT: 14.36 min Scan# 2070

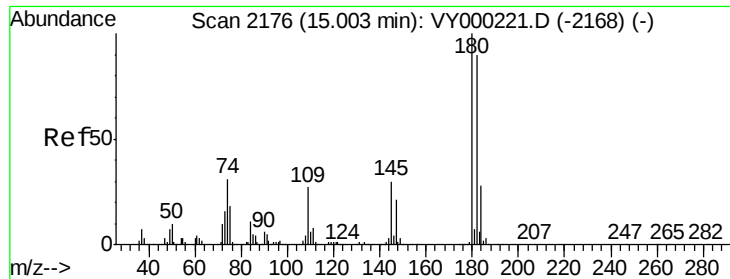
Delta R.T. 0.00 min

Lab File: VY000248.D

Acq: 09 Oct 2019 16:58

Tgt Ion:	75	Resp:	84859
Ion Ratio	Lower	Upper	
75	100		
155	86.7	42.4	127.3
157	112.0	53.8	161.5





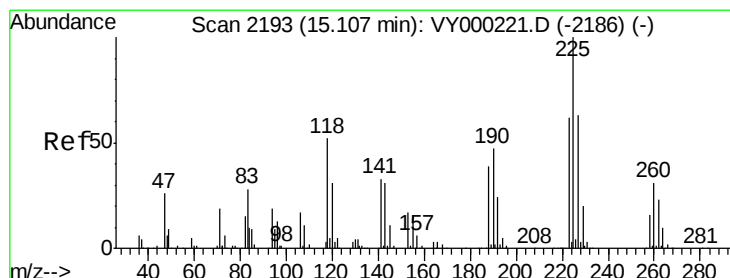
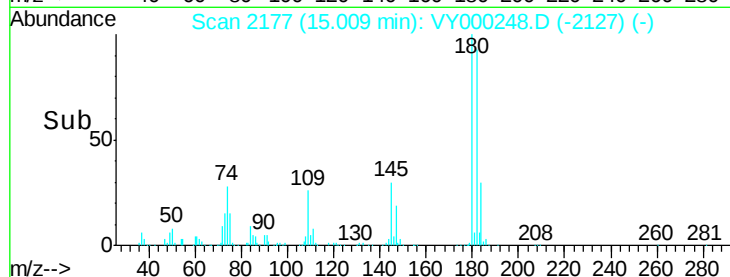
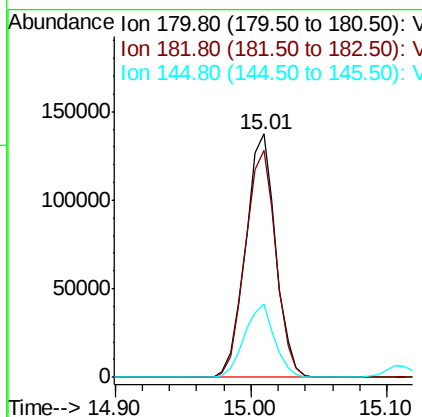
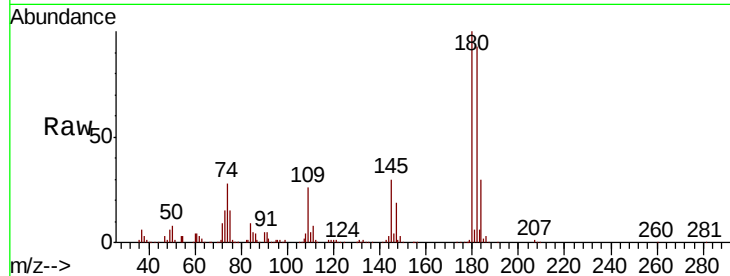
#93
 1,2,4-Trichlorobenzene
 Concen: 46.694 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212771		
182	95.2	47.2	141.6	
145	30.2	15.3	45.8	

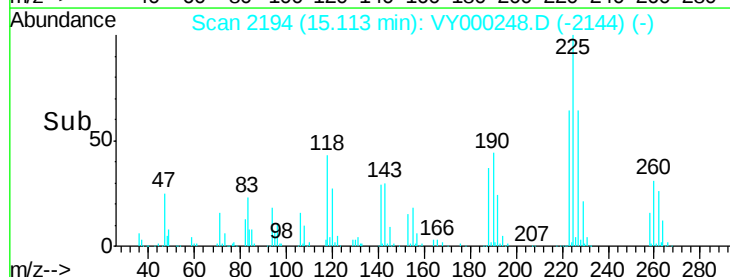
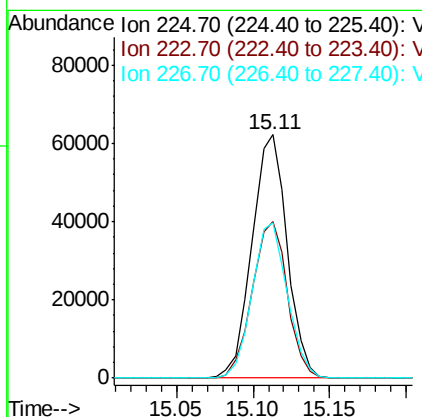
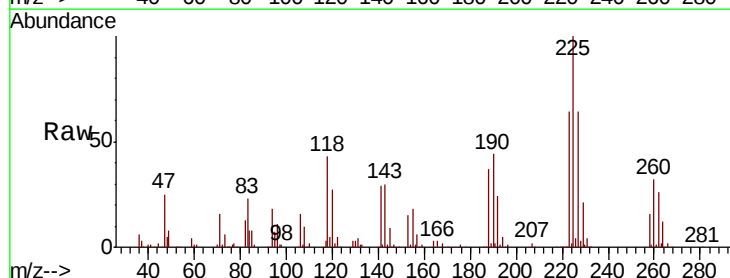
Manual Integrations
 APPROVED

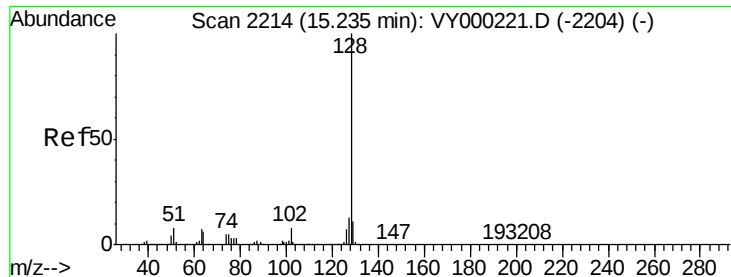
MMDadoda
 10/11/2019 8:40:47 AM



#94
 Hexachlorobutadiene
 Concen: 45.767 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000248.D
 Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99660		
223	64.3	31.9	95.5	
227	63.7	31.5	94.5	





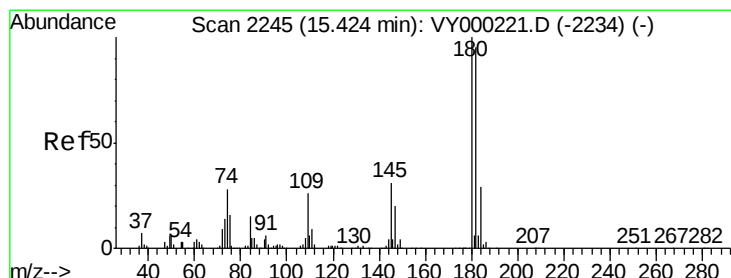
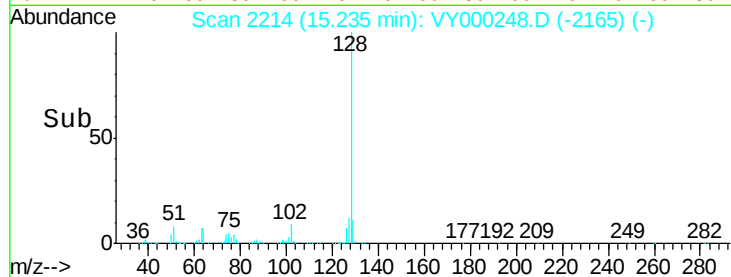
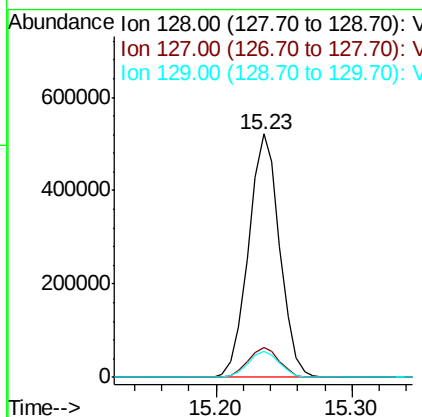
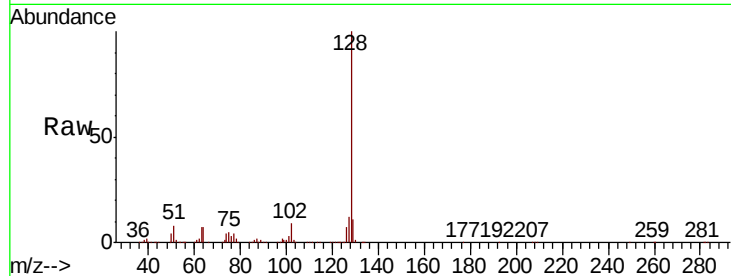
#95
Naphthalene
Concen: 48.736 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:40:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.478 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000248.D
Acq: 09 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.7
145	33.1	16.3	48.9

