

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000268.D
 Acq On : 11 Oct 2019 13:53
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 12:33:45 PM

Quant Time: Oct 14 07:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	445261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	197954	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	146702	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	7.73	113	133782	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.19	98	546861	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.49	95	194263	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	107759	44.479	ug/l	100
3) Chloromethane	2.12	50	155332	46.782	ug/l	100
4) Vinyl Chloride	2.25	62	158723	47.366	ug/l	100
5) Bromomethane	2.65	94	106861	42.529	ug/l	100
6) Chloroethane	2.79	64	104940	48.536	ug/l	100
7) Trichlorofluoromethane	3.13	101	221390	48.299	ug/l	100
8) Diethyl Ether	3.54	74	77378	47.785	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	134996	48.563	ug/l	100
10) Methyl Iodide	4.10	142	202595	55.831	ug/l	100
11) Tert butyl alcohol	4.97	59	75691	252.236	ug/l	100
12) 1,1-Dichloroethene	3.88	96	134355	48.957	ug/l	100
13) Acrolein	3.74	56	89034	253.178	ug/l	100
14) Allyl chloride	4.49	41	220066	48.389	ug/l	100
15) Acrylonitrile	5.18	53	230033	253.801	ug/l	100
16) Acetone	3.96	43	253577	273.189	ug/l	100
17) Carbon Disulfide	4.20	76	414854	48.012	ug/l	100
18) Methyl Acetate	4.49	43	106171	46.036	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	373986	48.954	ug/l	100
20) Methylene Chloride	4.72	84	153716	40.384	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	151898	48.244	ug/l	100
22) Diisopropyl ether	6.13	45	474533	49.334	ug/l	100
23) Vinyl Acetate	6.08	43	1602573	255.384	ug/l	100
24) 1,1-Dichloroethane	6.04	63	257159	48.980	ug/l	100
25) 2-Butanone	7.00	43	341032	260.817	ug/l	100
26) 2,2-Dichloropropane	6.99	77	231939	47.942	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	166377	48.834	ug/l	100
28) Bromochloromethane	7.35	49	114214	50.674	ug/l	100
29) Tetrahydrofuran	7.36	42	203122	256.329	ug/l	100
30) Chloroform	7.52	83	262913	49.724	ug/l	100
31) Cyclohexane	7.80	56	258432	47.128	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	234915	49.974	ug/l	100
36) 1,1-Dichloropropene	7.93	75	208424	47.810	ug/l	100
37) Ethyl Acetate	7.09	43	130084	50.395	ug/l	100
38) Carbon Tetrachloride	7.91	117	206805	48.995	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	278308	48.778	ug/l	100
40) Benzene	8.18	78	615796	48.880	ug/l	100
41) Methacrylonitrile	7.33	41	61130m	53.917	ug/l	
42) 1,2-Dichloroethane	8.25	62	177280	49.263	ug/l	100
43) Isopropyl Acetate	8.29	43	249189	50.771	ug/l	100
44) Trichloroethene	8.95	130	173741	49.151	ug/l	100
45) 1,2-Dichloropropane	9.23	63	153626	49.691	ug/l	100
46) Dibromomethane	9.32	93	85040	49.205	ug/l	100
47) Bromodichloromethane	9.51	83	202691	49.764	ug/l	100
48) Methyl methacrylate	9.30	41	109446	50.882	ug/l	100
49) 1,4-Dioxane	9.31	88	26776	1033.289	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	655356	258.884	ug/l	100
52) Toluene	10.25	92	392847	49.115	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	219899	50.377	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	250758	50.585	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	121807	48.473	ug/l	100
56) Ethyl methacrylate	10.52	69	185111	51.682	ug/l	100
57) 1,3-Dichloropropane	10.80	76	216432	50.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	353611	247.516	ug/l	100
59) 2-Hexanone	10.84	43	469560	264.263	ug/l	100
60) Dibromochloromethane	10.99	129	140086	50.297	ug/l	100
61) 1,2-Dibromoethane	11.10	107	121381	50.308	ug/l	100
64) Tetrachloroethene	10.72	164	185579	49.610	ug/l	100
65) Chlorobenzene	11.52	112	410681	49.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	146504	50.293	ug/l	100
67) Ethyl Benzene	11.60	91	770696	50.134	ug/l	100
68) m/p-Xylenes	11.70	106	590241	100.437	ug/l	100
69) o-Xylene	12.03	106	278814	49.733	ug/l	100
70) Styrene	12.05	104	478290	50.587	ug/l	100
71) Bromoform	12.21	173	88561	52.885	ug/l #	100
73) Isopropylbenzene	12.33	105	756697	49.024	ug/l	100
74) N-amyl acetate	12.14	43	203938	53.819	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	143525	49.525	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	127088m	32.115	ug/l	
77) Bromobenzene	12.61	156	165977	48.324	ug/l	100
78) n-propylbenzene	12.67	91	918731	49.575	ug/l	100
79) 2-Chlorotoluene	12.76	91	507665	49.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	639858	49.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58611	52.683	ug/l	100
82) 4-Chlorotoluene	12.86	91	537636	49.696	ug/l	100
83) tert-Butylbenzene	13.08	119	542425	49.489	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	638671	49.998	ug/l	100
85) sec-Butylbenzene	13.25	105	799916	50.450	ug/l	100
86) p-Isopropyltoluene	13.37	119	702848	50.846	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	328826	48.591	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	330568	48.872	ug/l	100
89) n-Butylbenzene	13.70	91	692967	50.729	ug/l	100
90) Hexachloroethane	13.96	117	131027	51.189	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	310288	50.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27331	49.726	ug/l	100

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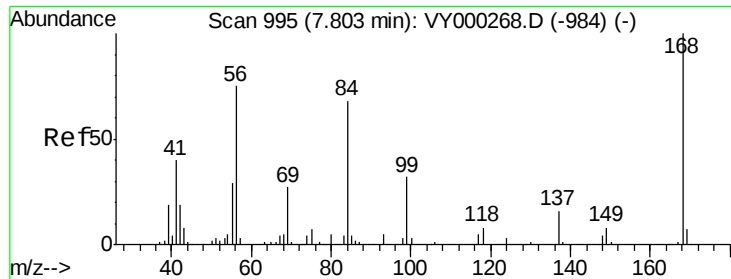
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	205995	48.311	ug/l	100
94) Hexachlorobutadiene	15.11	225	113193	49.054	ug/l	100
95) Naphthalene	15.23	128	468324	49.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	187133	48.696	ug/l	100

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



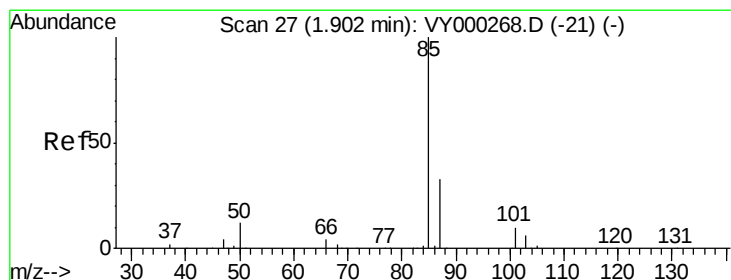
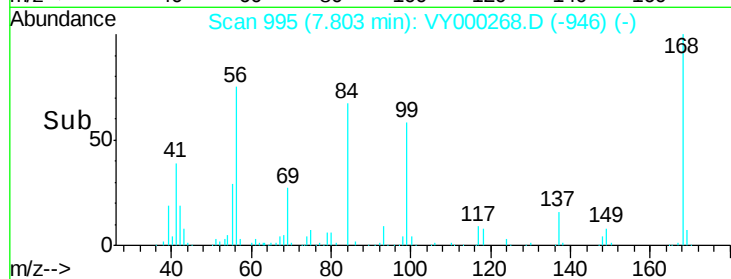
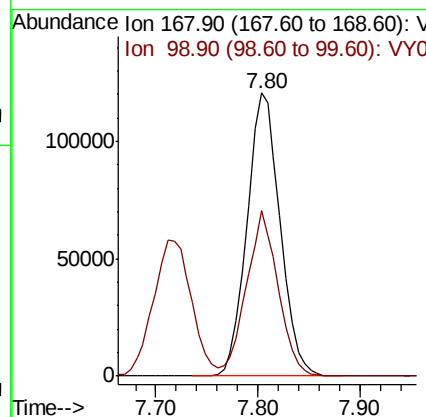
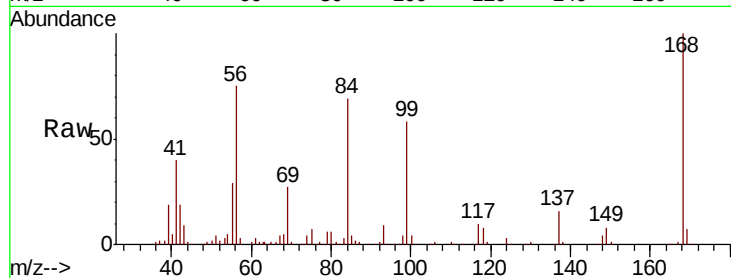
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.6	69.8

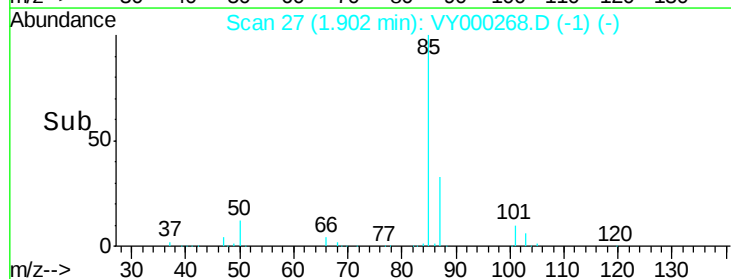
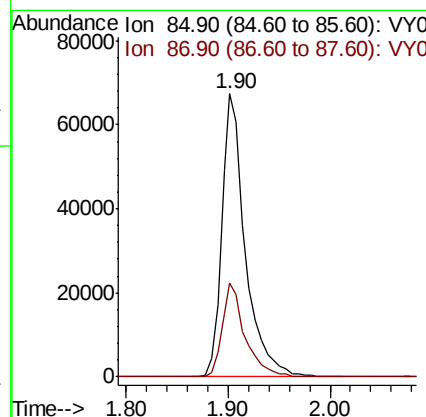
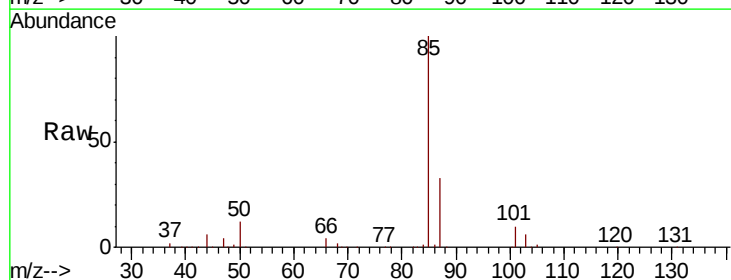
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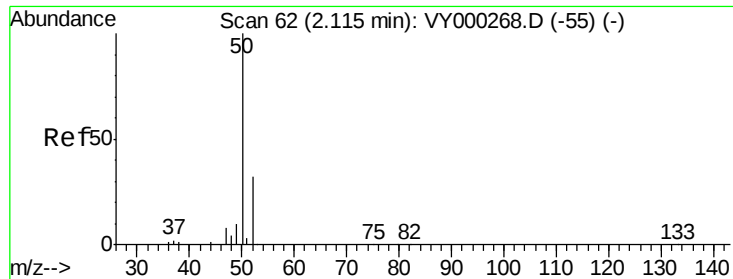
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#2
Dichlorodifluoromethane
Concen: 44.479 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.8





#3

Chloromethane

Concen: 46.782 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 155332

Ion Ratio Lower Upper

50 100

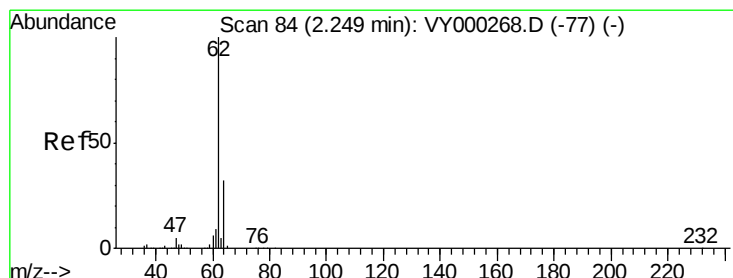
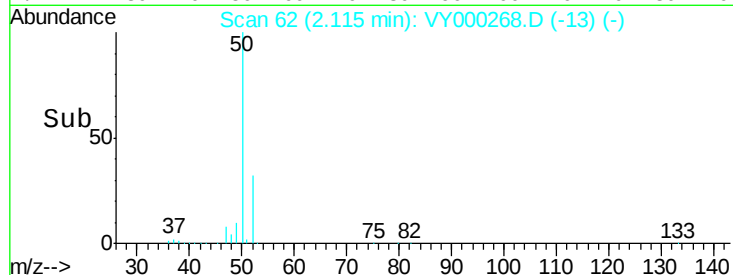
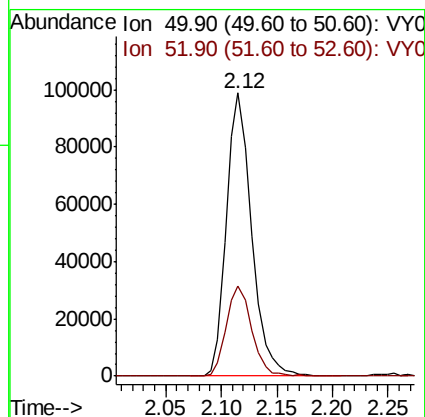
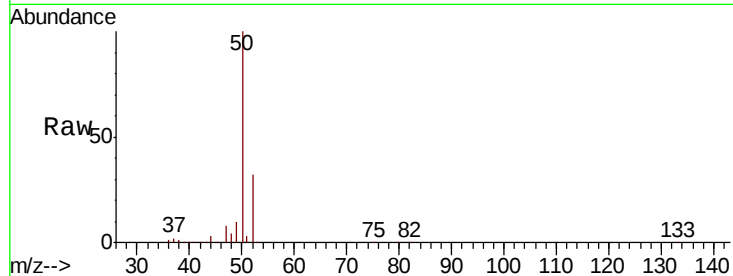
52 31.6 25.3 37.9

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#4

Vinyl Chloride

Concen: 47.366 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000268.D

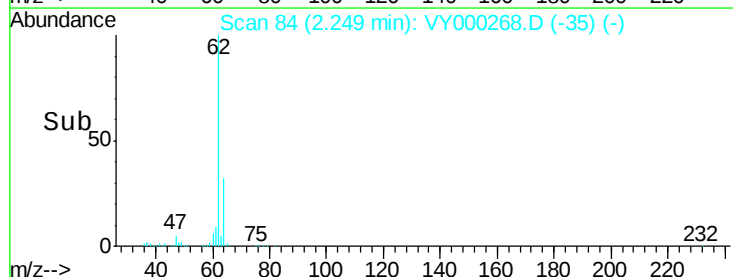
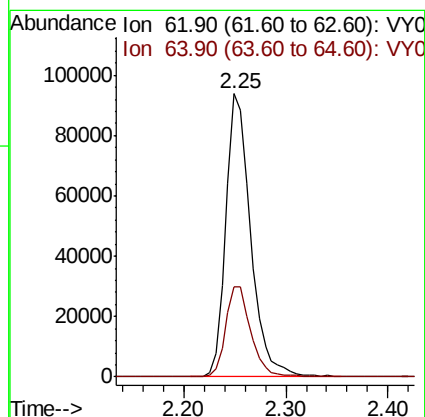
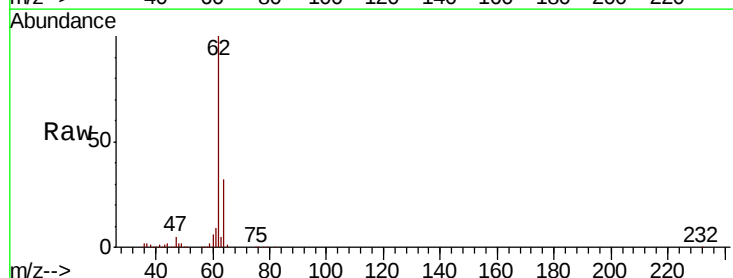
Acq: 11 Oct 2019 13:53

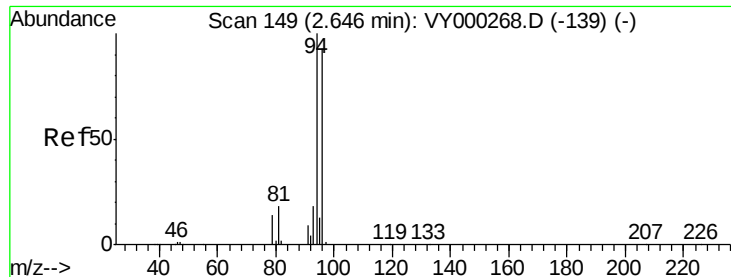
Tgt Ion: 62 Resp: 158723

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 42.529 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 106861

Ion Ratio Lower Upper

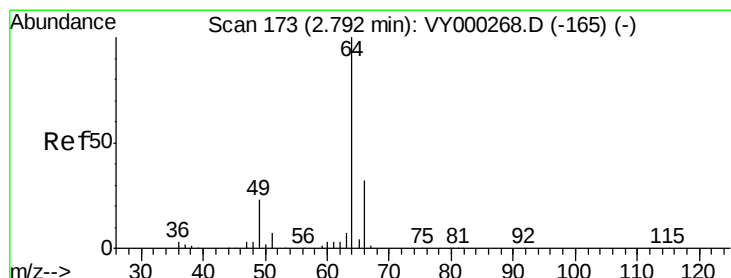
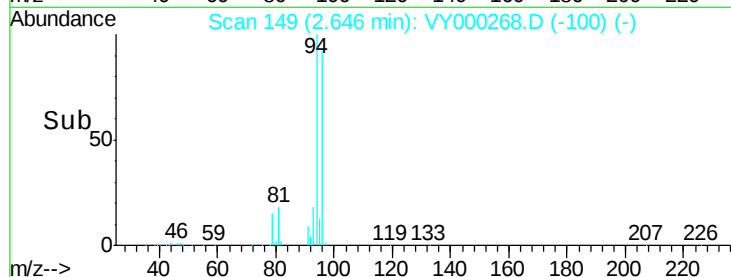
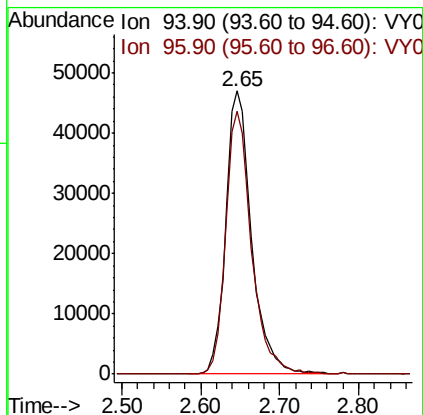
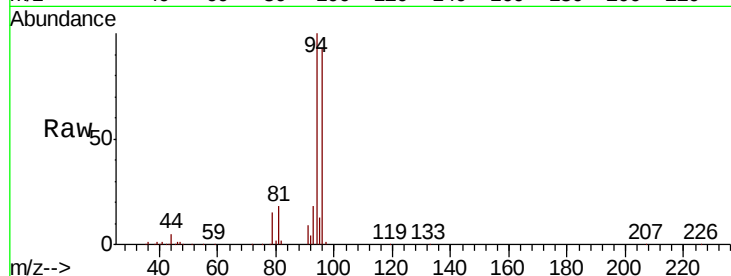
94 100

96 92.7 74.2 111.2

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#6

Chloroethane

Concen: 48.536 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000268.D

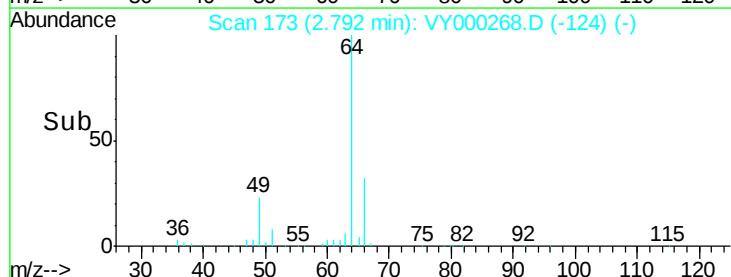
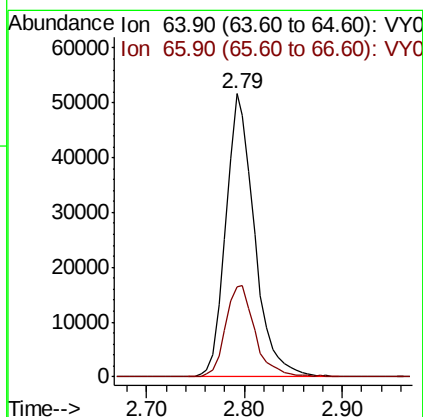
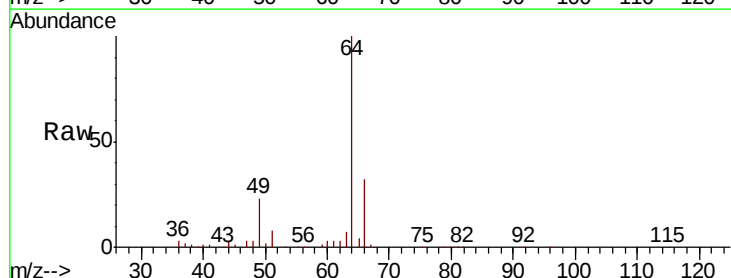
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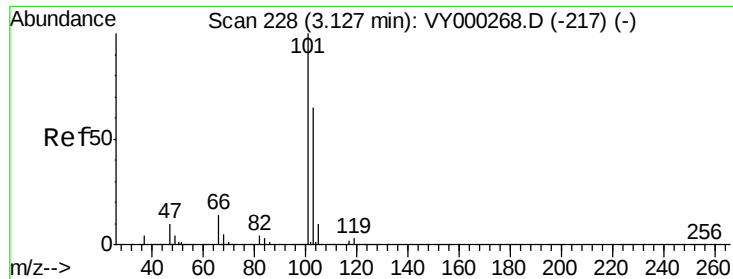
Tgt Ion: 64 Resp: 104940

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

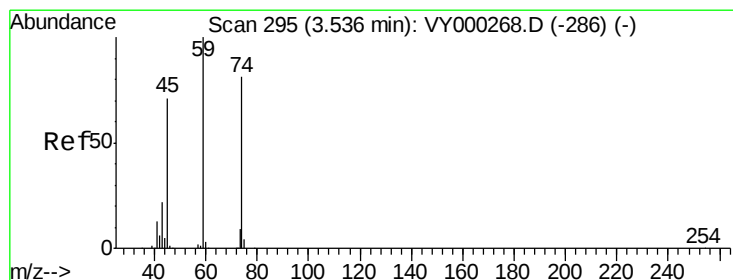
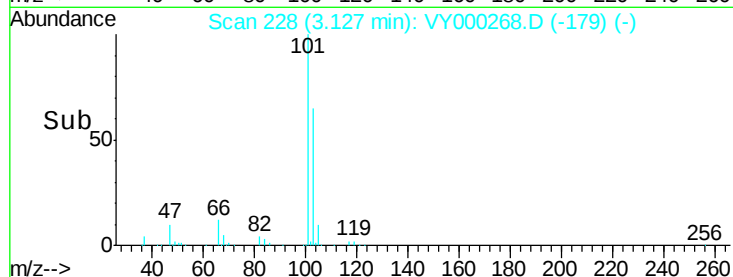
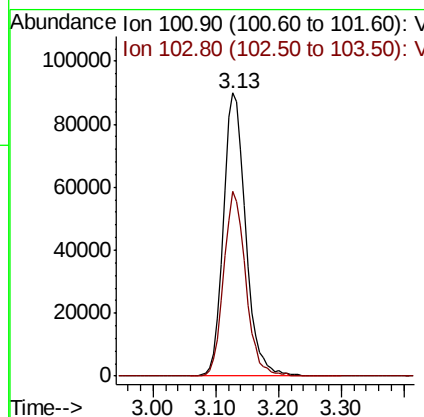
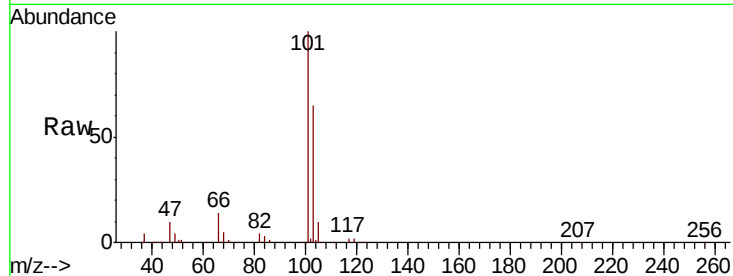
Trichlorofluoromethane
Concen: 48.299 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

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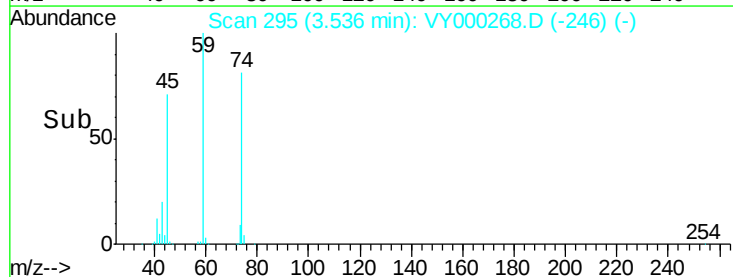
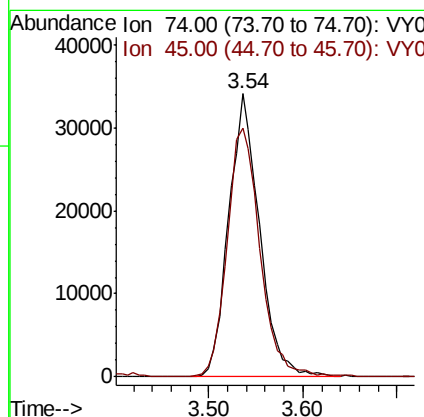
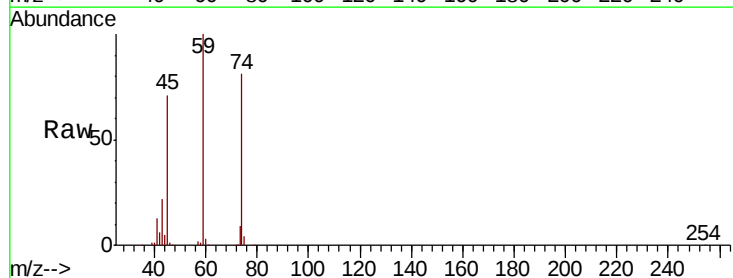
MMDadoda
10/15/2019 12:33:45 PM

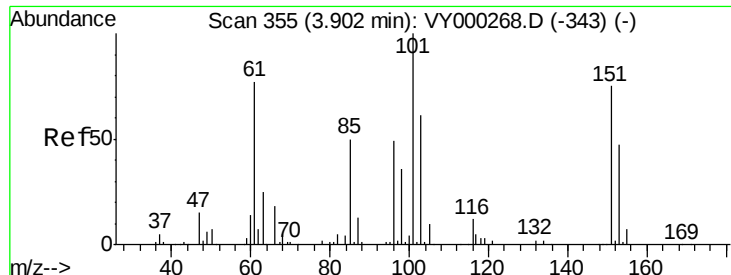


#8

Diethyl Ether
Concen: 47.785 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.563 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

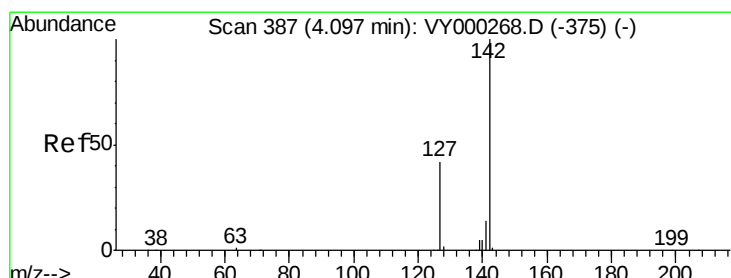
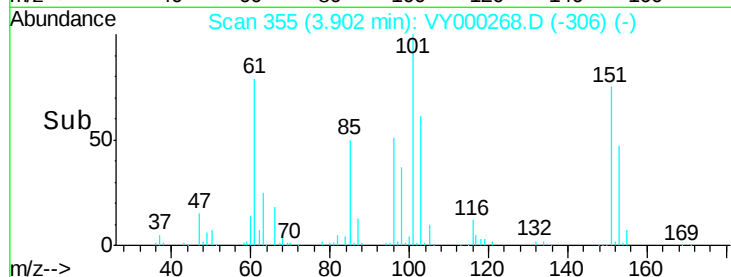
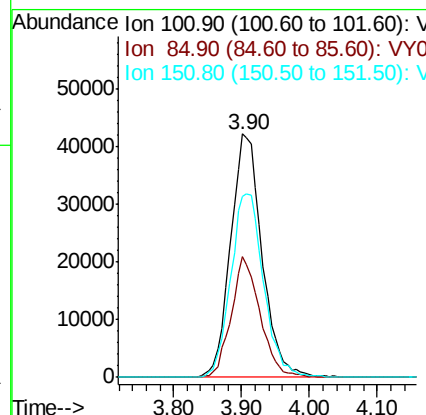
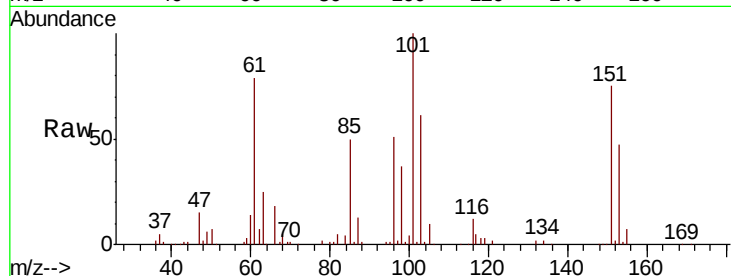
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	134996
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	78.9	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 55.831 ug/l

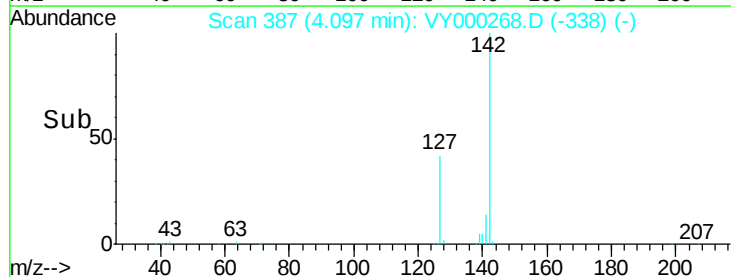
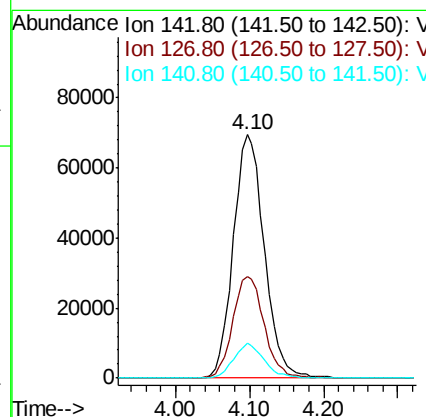
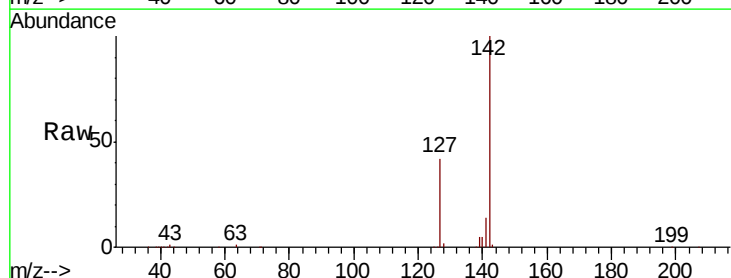
RT: 4.10 min Scan# 387

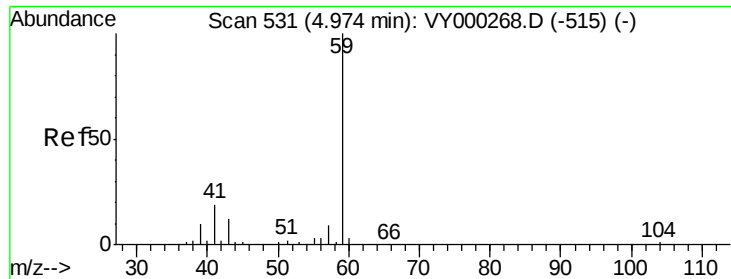
Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion:	142	Resp:	202595
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.0	11.2	16.8





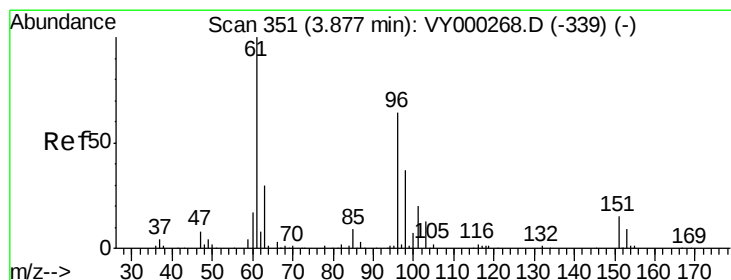
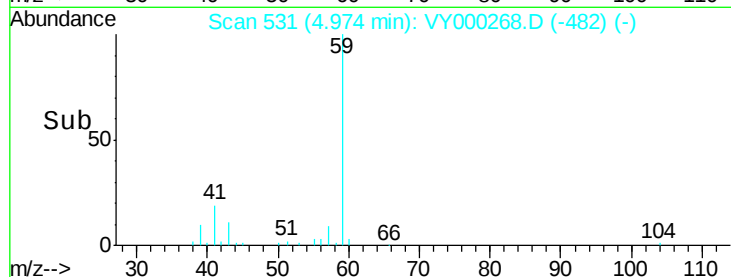
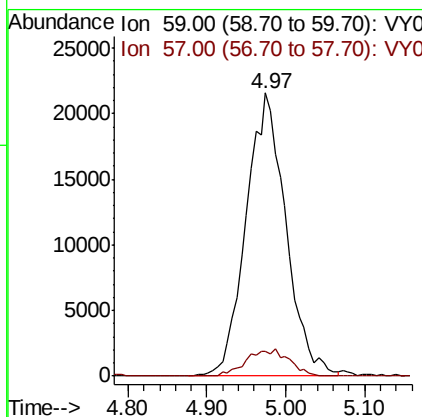
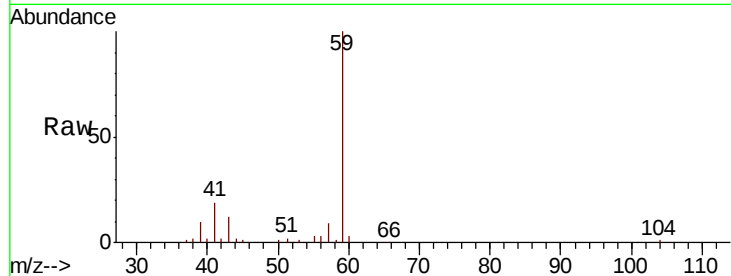
#11
Tert butyl alcohol
Concen: 252.236 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 59 Resp: 75691
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

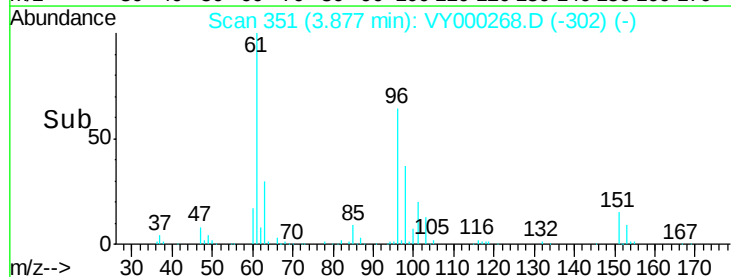
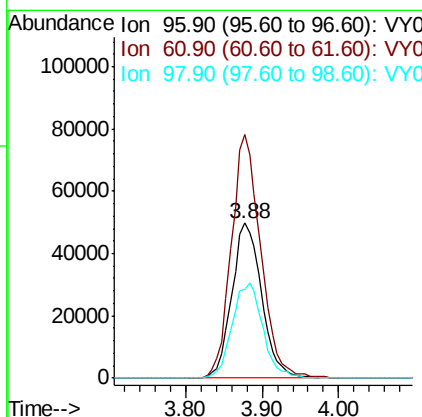
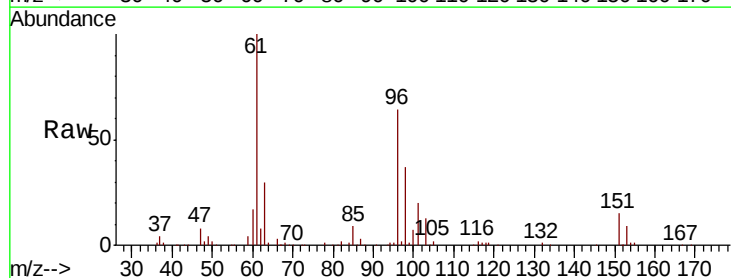
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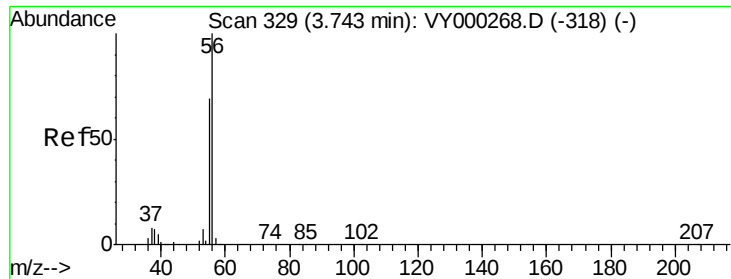
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#12
1,1-Dichloroethene
Concen: 48.957 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 96 Resp: 134355
Ion Ratio Lower Upper
96 100
61 157.2 125.8 188.6
98 57.7 46.2 69.2





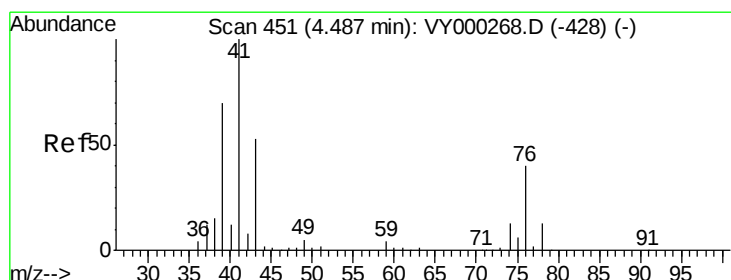
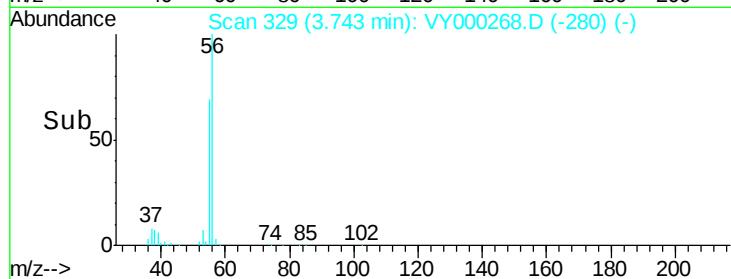
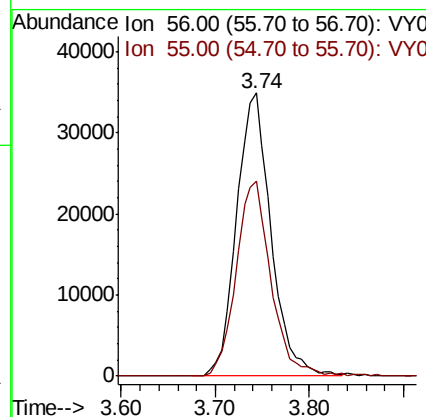
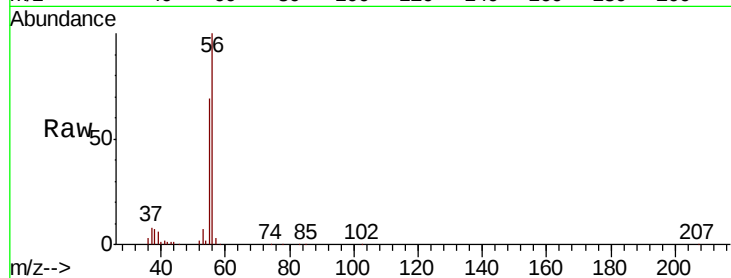
#13
Acrolein
Concen: 253.178 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	89034
Ion Ratio	100	Lower	Upper
55	69.6	55.7	83.5

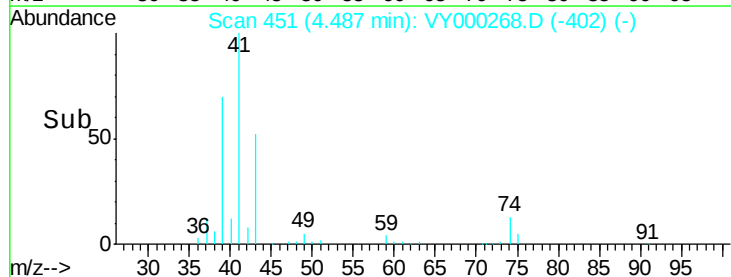
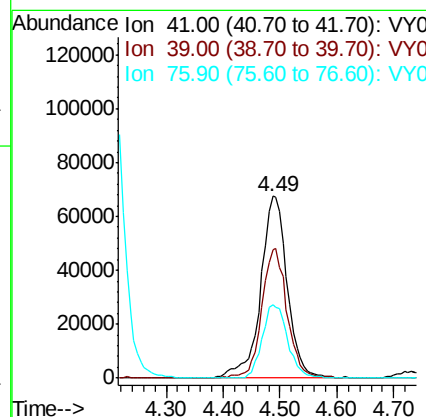
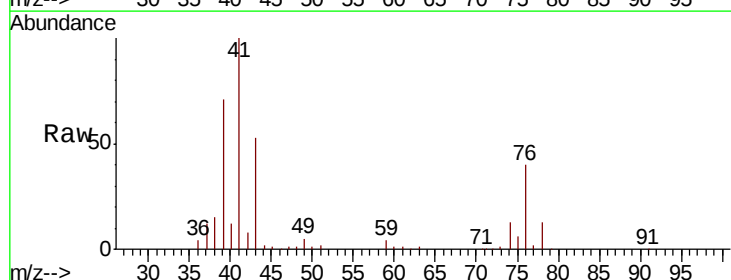
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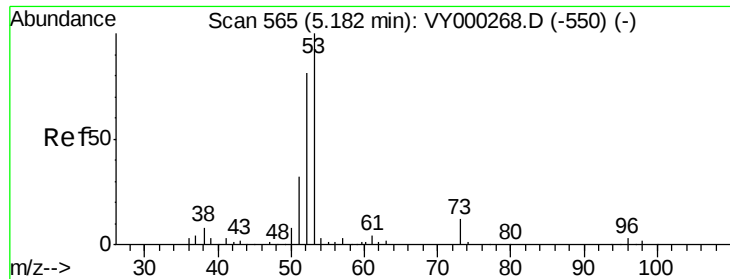
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#14
Allyl chloride
Concen: 48.389 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	41	Resp	220066
Ion Ratio	100	Lower	Upper
39	67.5	54.0	81.0
76	38.4	30.7	46.1





#15

Acrylonitrile

Concen: 253.801 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

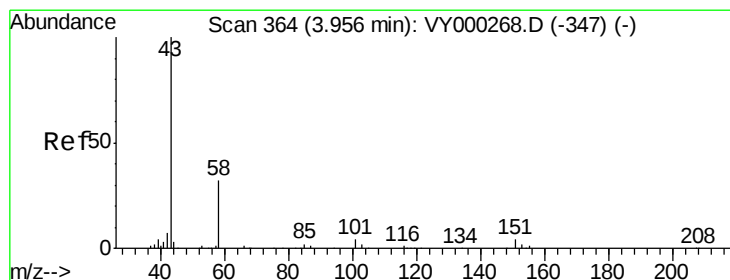
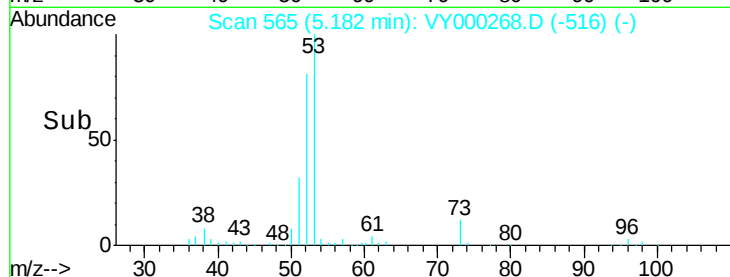
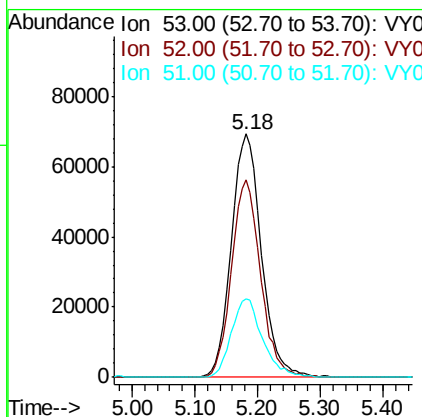
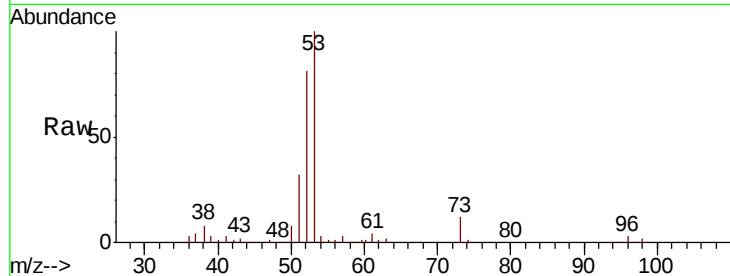
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	230033
Ion Ratio	Lower	Upper	
53	100		
52	78.6	62.9	94.3
51	33.6	26.9	40.3

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#16

Acetone

Concen: 273.189 ug/l

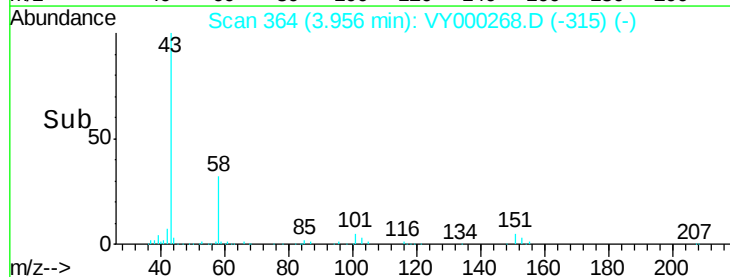
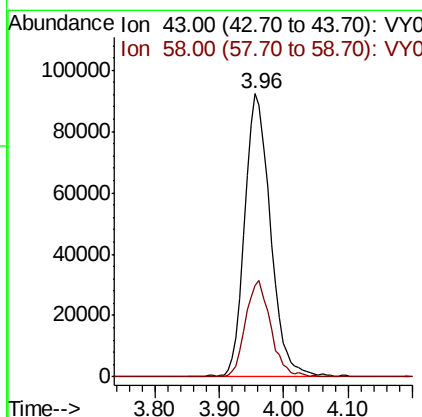
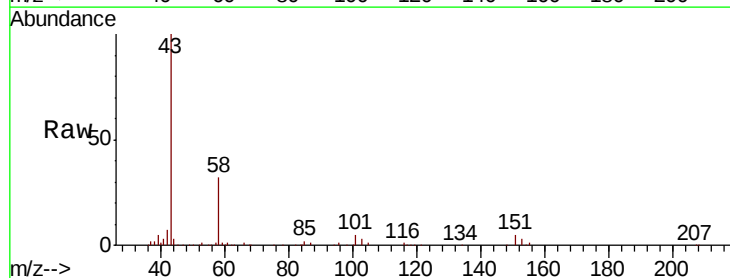
RT: 3.96 min Scan# 364

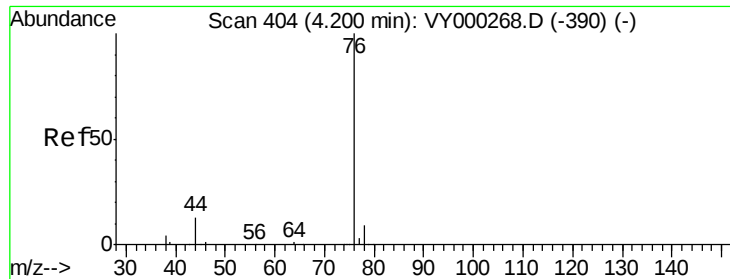
Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion:	43	Resp:	253577
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.8	38.6





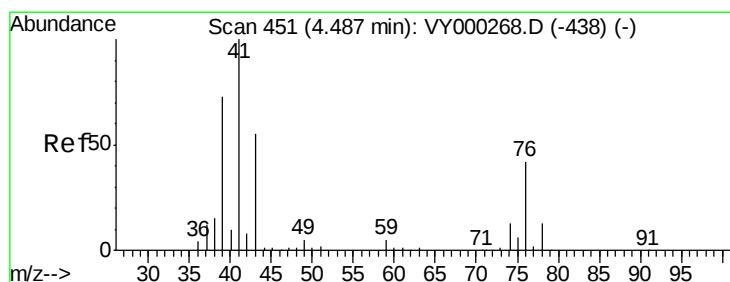
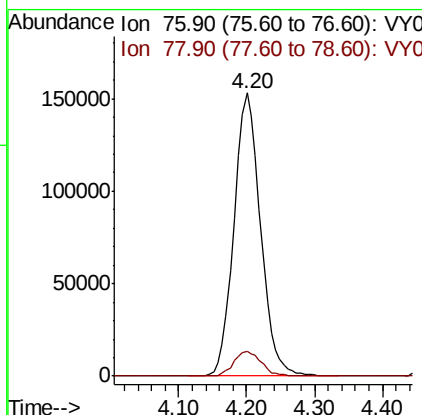
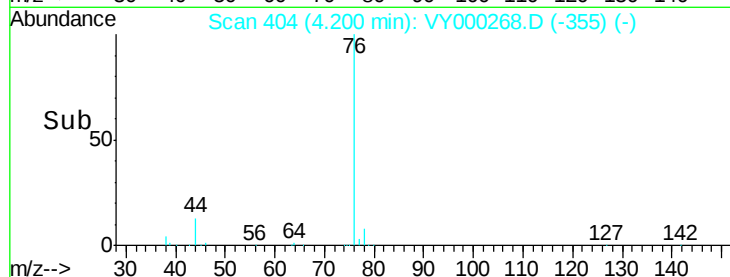
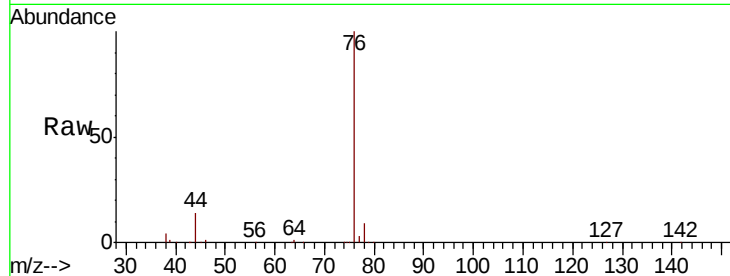
#17
Carbon Disulfide
Concen: 48.012 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 414854
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

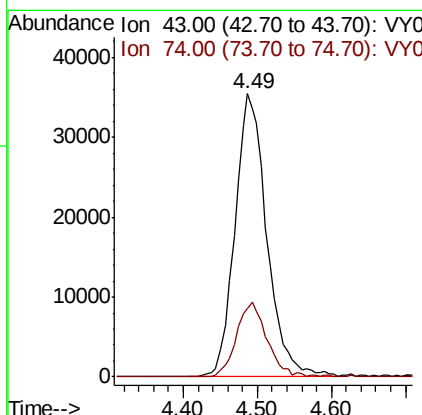
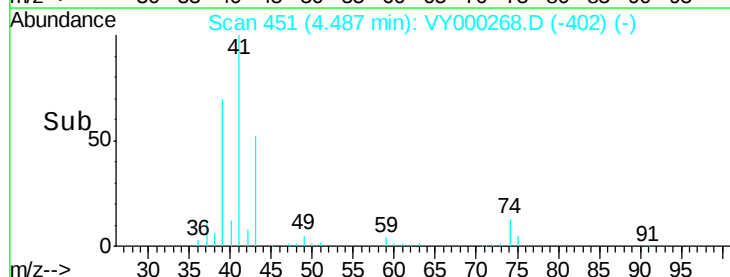
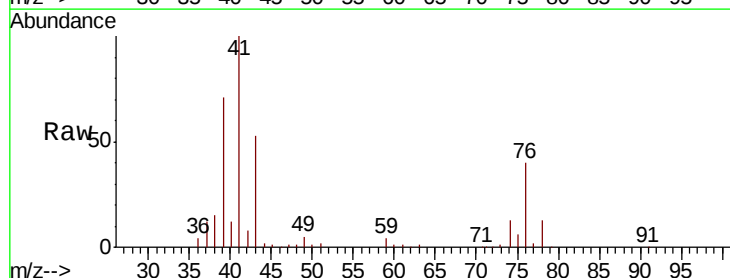
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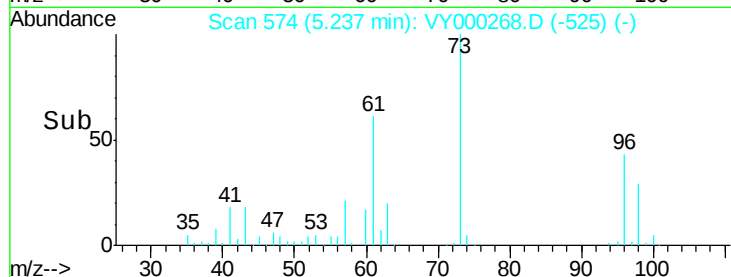
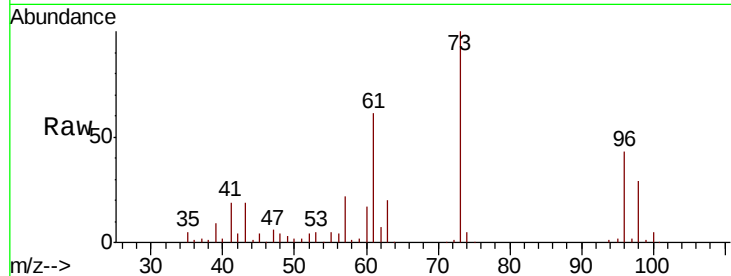
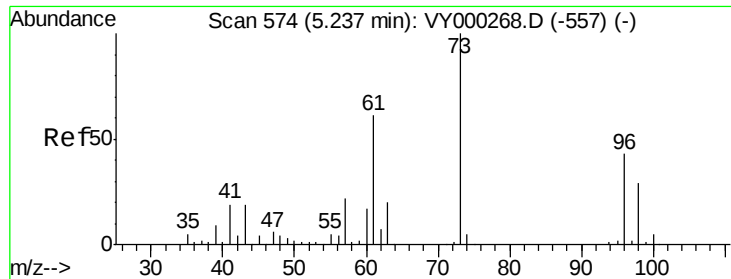
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#18
Methyl Acetate
Concen: 46.036 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 43 Resp: 106171
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6





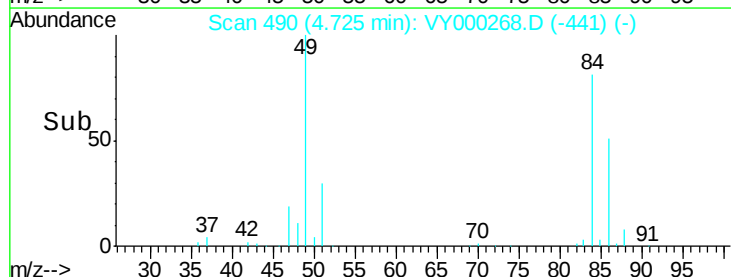
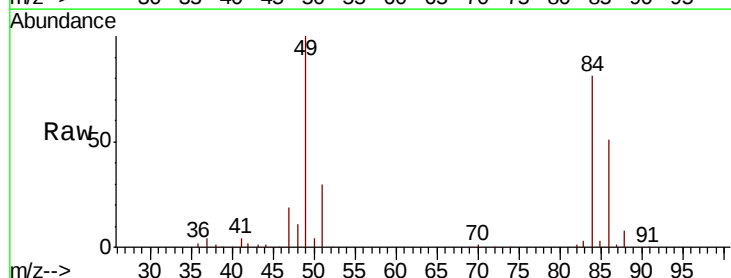
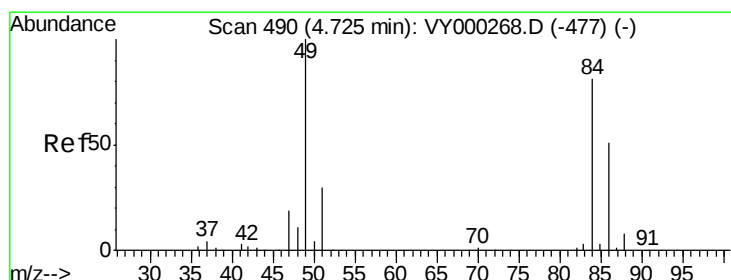
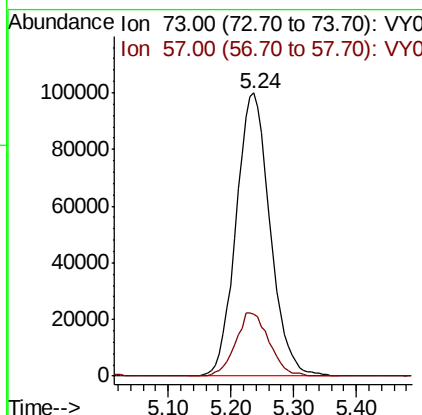
#19
Methvl tert-butvl Ether
Concen: 48.954 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tot Ion: 73 Resp: 373986
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

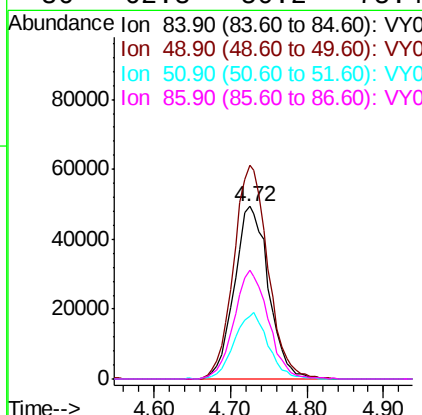
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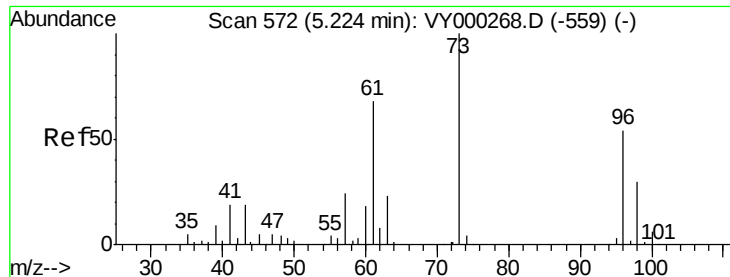
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#20
Methylene Chloride
Concen: 40.384 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 84 Resp: 153716
Ion Ratio Lower Upper
84 100
49 123.7 99.0 148.4
51 36.6 29.3 43.9
86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.244 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 151898

Ion Ratio Lower Upper

96 100

61 125.5 100.4 150.6

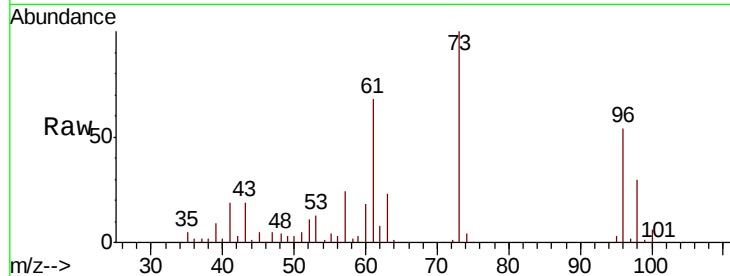
98 55.7 44.6 66.8

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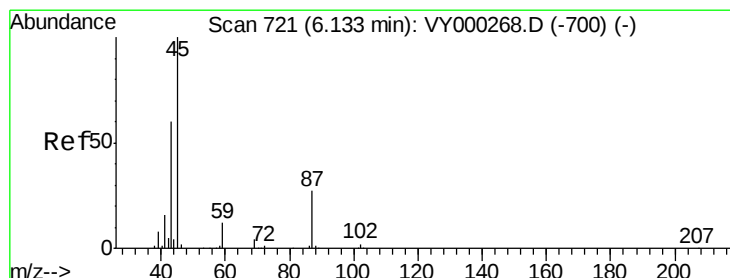
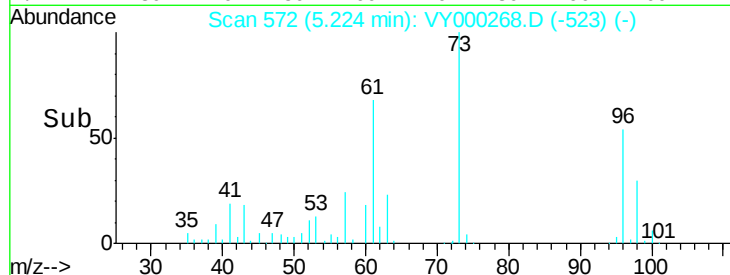
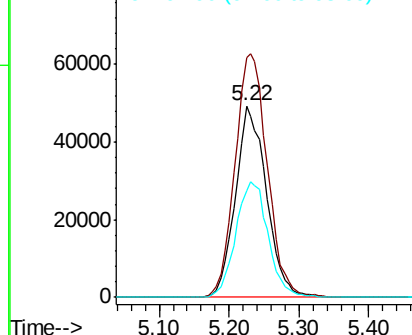


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.334 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion: 45 Resp: 474533

Ion Ratio Lower Upper

45 100

43 60.6 48.5 72.7

87 26.9 21.5 32.3

59 11.7 9.4 14.0

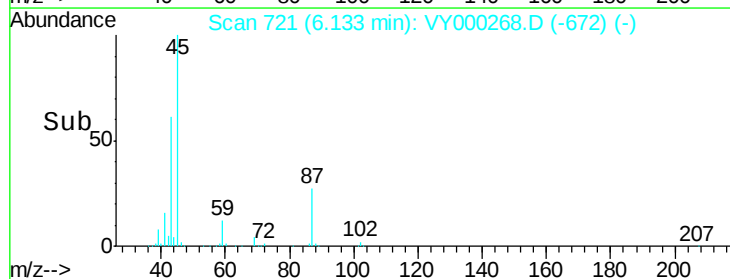
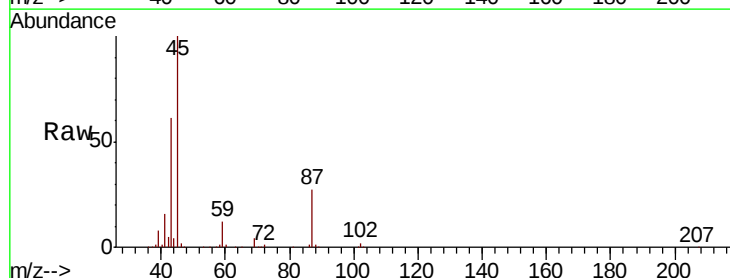
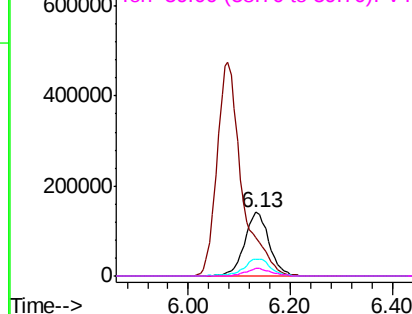
Abundance

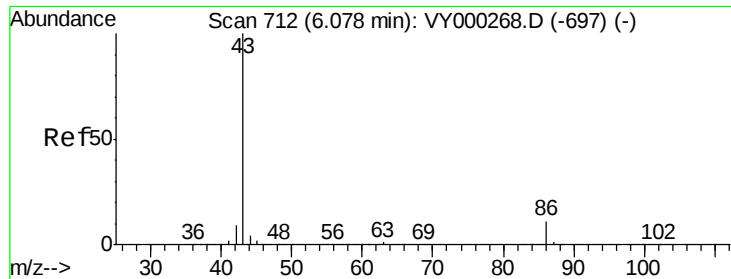
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 255.384 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1602573

Ion Ratio Lower Upper

43 100

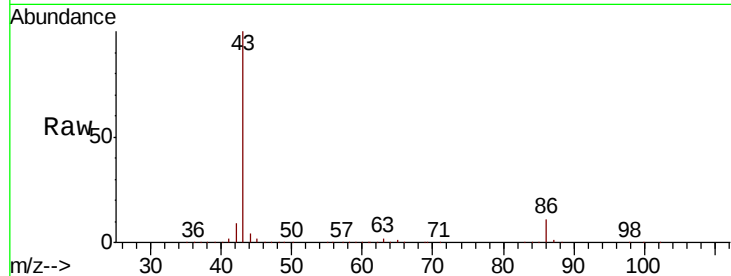
86 10.8 8.6 13.0

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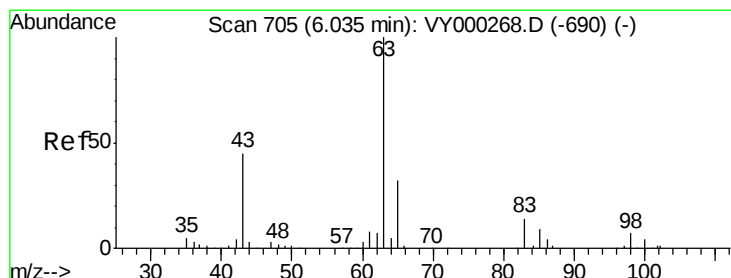
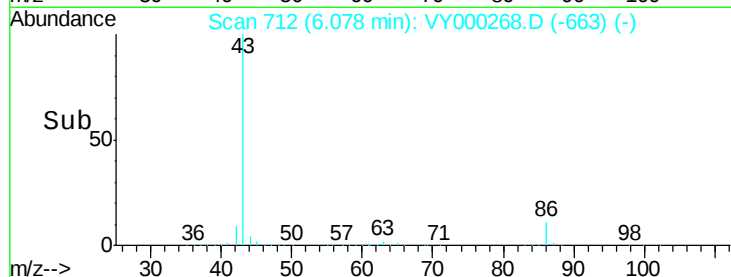
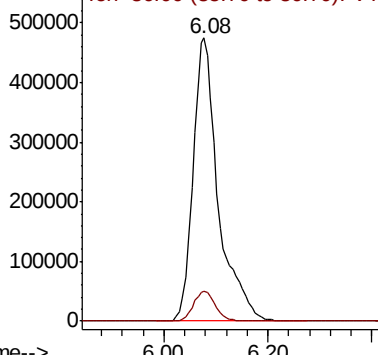
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.980 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

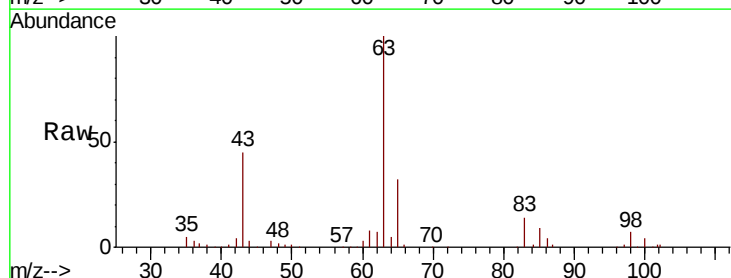
Tgt Ion: 63 Resp: 257159

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

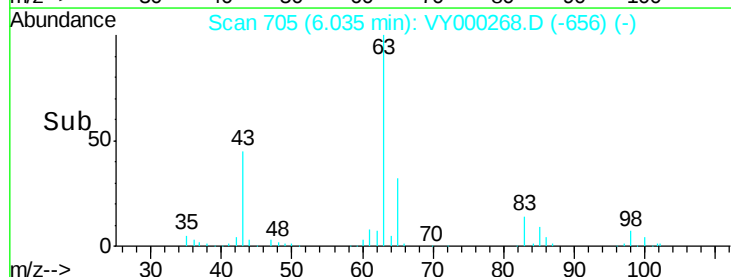
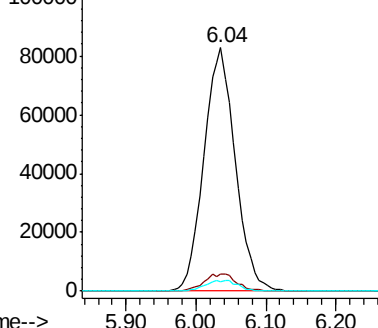
100 4.1 2.1 6.2

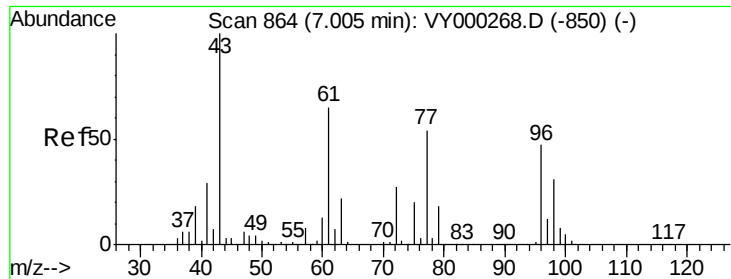


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 260.817 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 341032

Ion Ratio Lower Upper

43 100

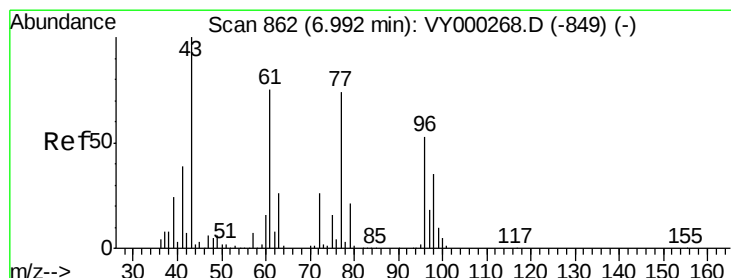
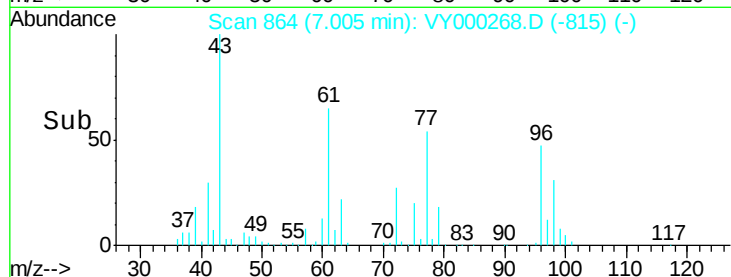
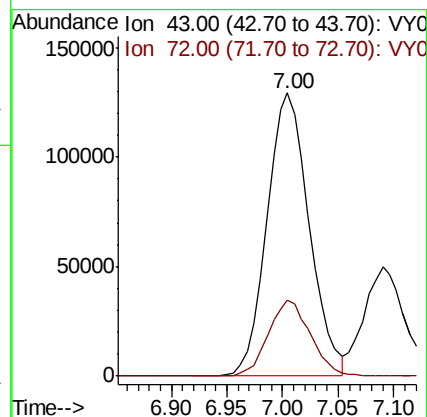
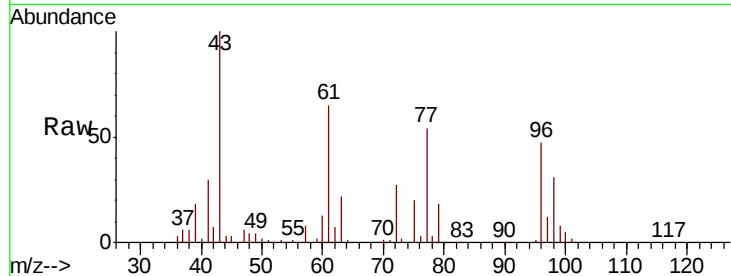
72 26.8 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 47.942 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000268.D

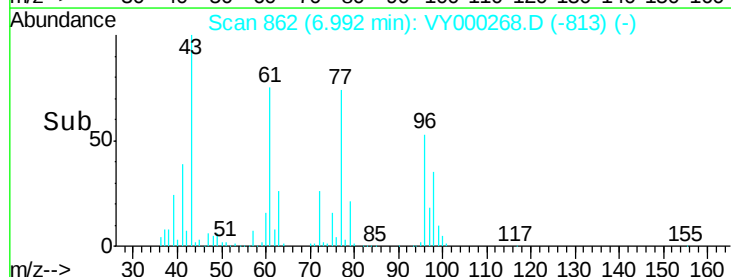
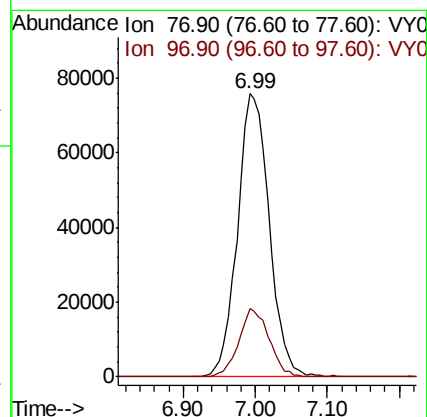
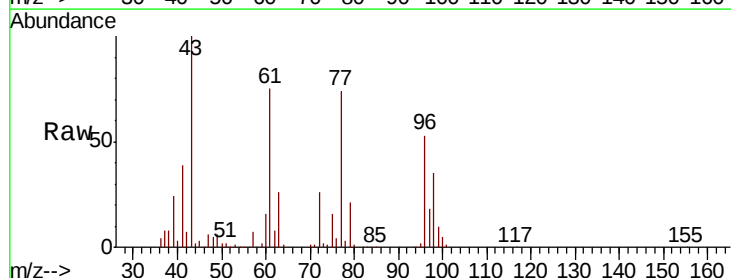
Acq: 11 Oct 2019 13:53

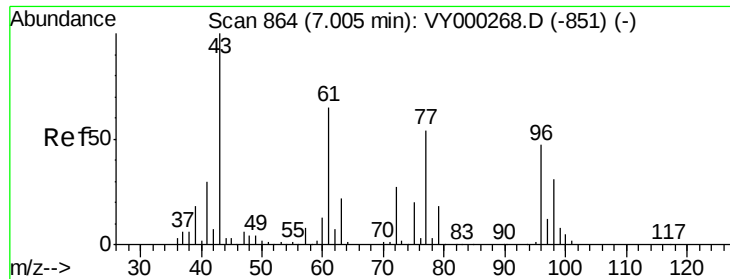
Tgt Ion: 77 Resp: 231939

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

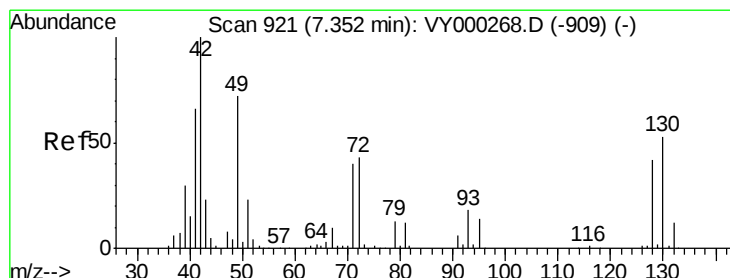
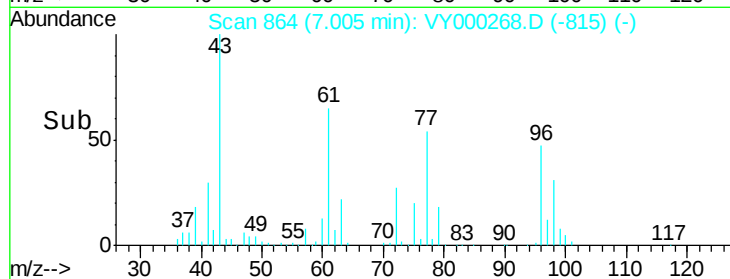
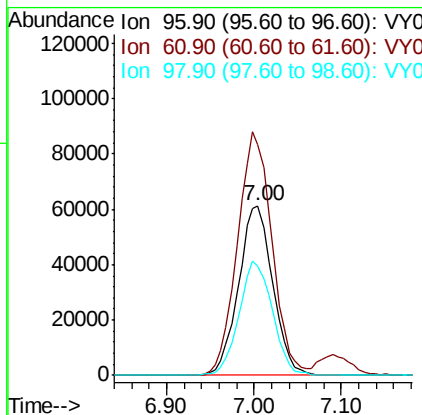
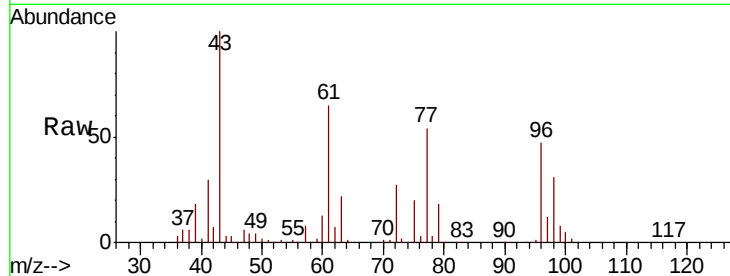
cis-1,2-Dichloroethene
Concen: 48.834 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	289.8
98	65.9	0.0	131.8

Manual Integrations
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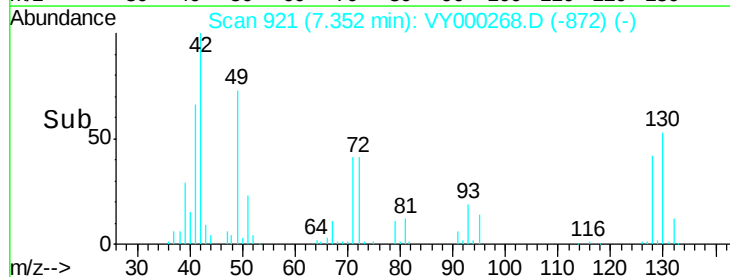
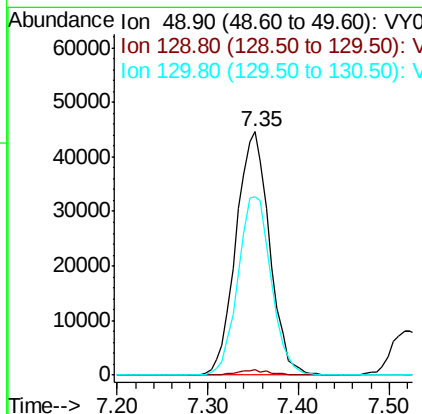
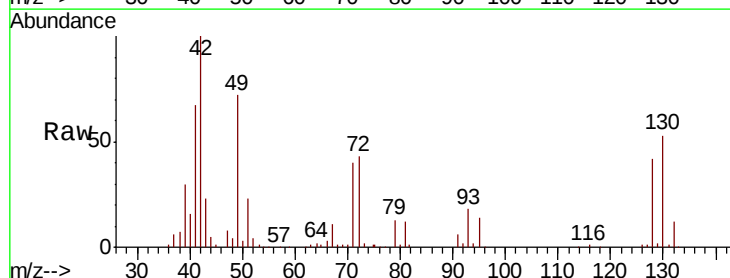
MMDadoda
10/15/2019 12:33:45 PM

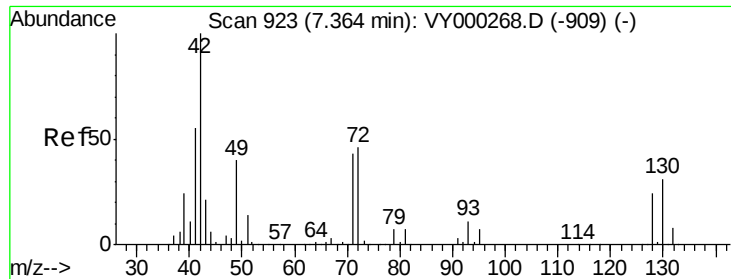


#28

Bromochloromethane
Concen: 50.674 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.7	58.2	87.2





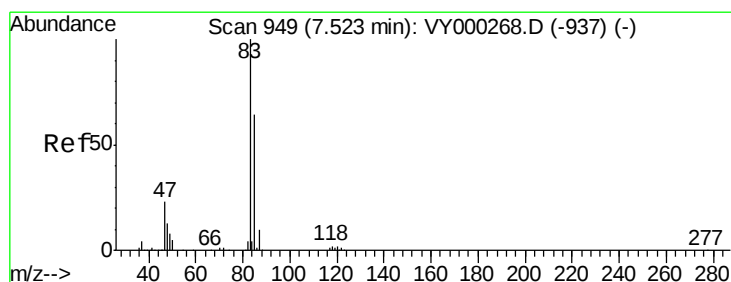
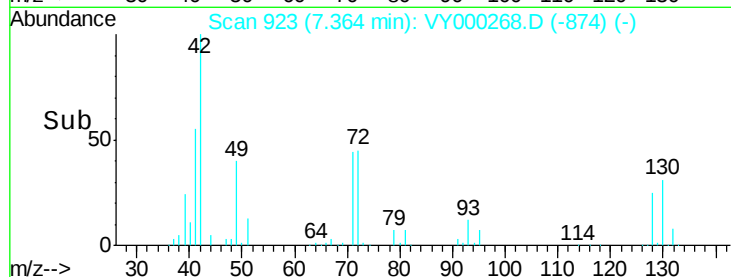
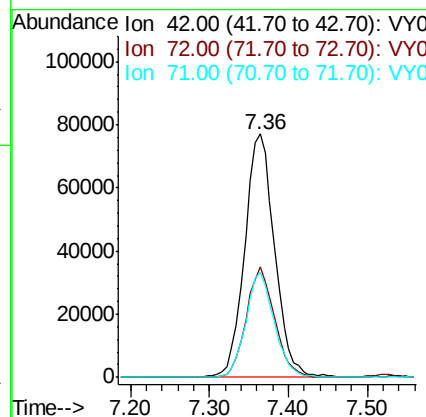
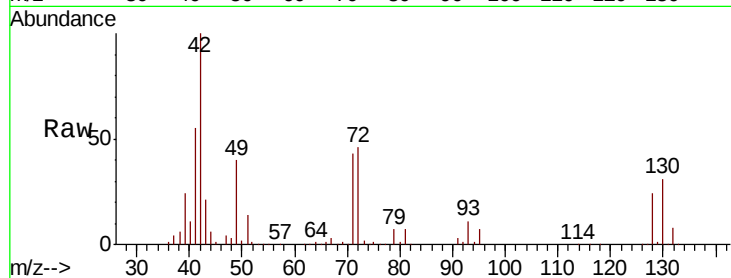
#29
Tetrahydrofuran
Concen: 256.329 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.9	32.7	49.1

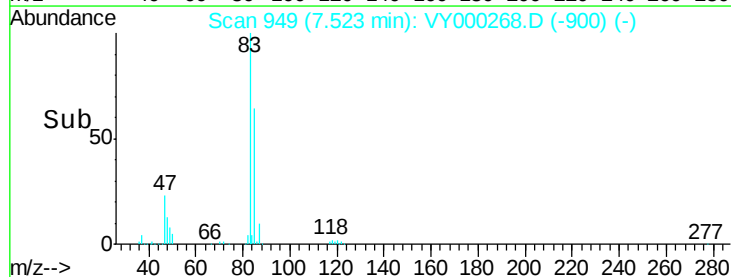
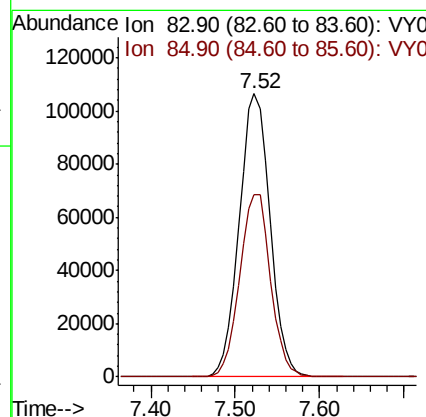
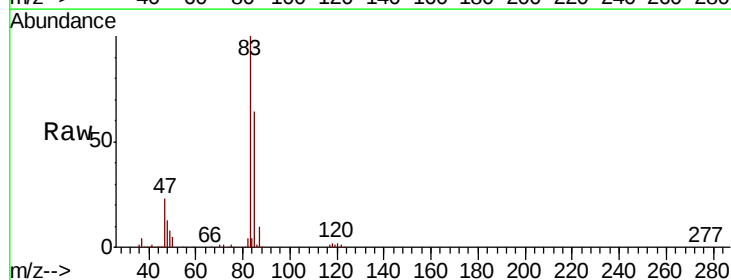
Manual Integrations
APPROVED

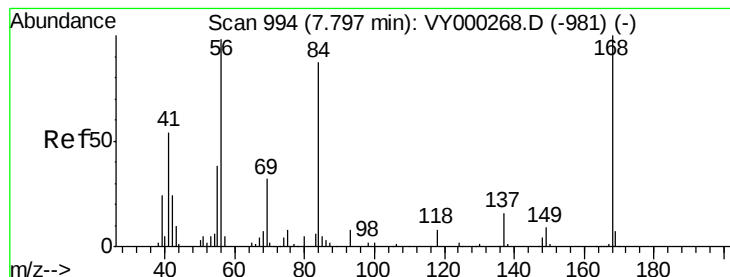
MMDadoda
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#30
Chloroform
Concen: 49.724 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 47.128 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 258432

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

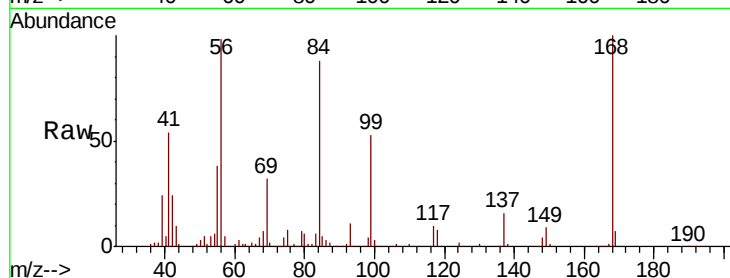
84 88.5 70.8 106.2

Manual Integrations

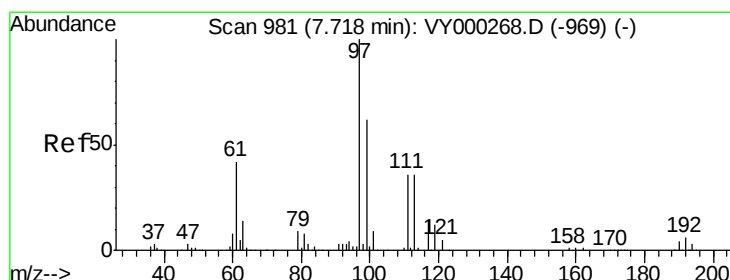
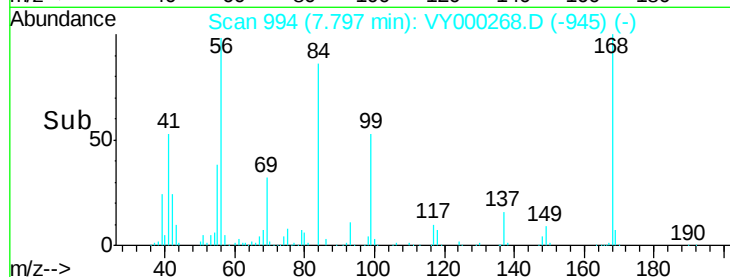
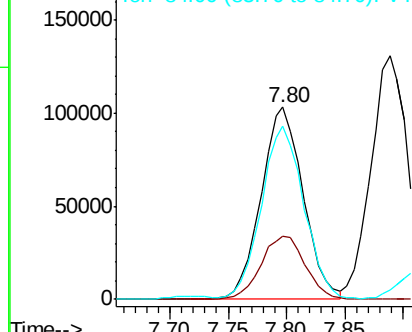
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.974 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

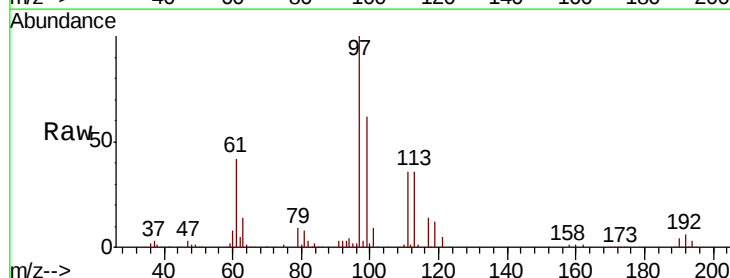
Tgt Ion: 97 Resp: 234915

Ion Ratio Lower Upper

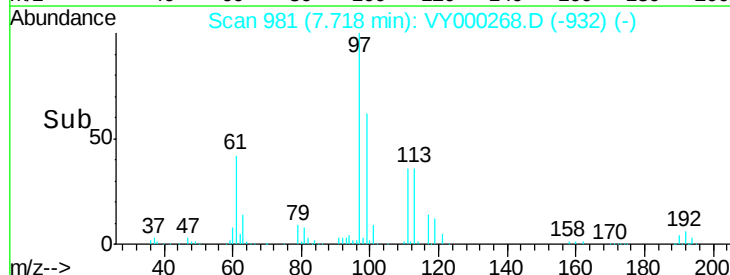
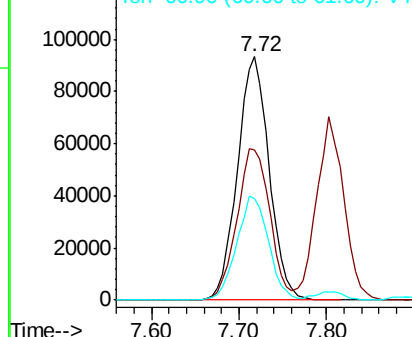
97 100

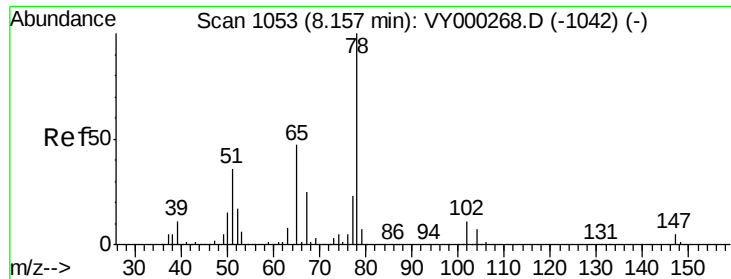
99 64.6 51.7 77.5

61 43.1 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





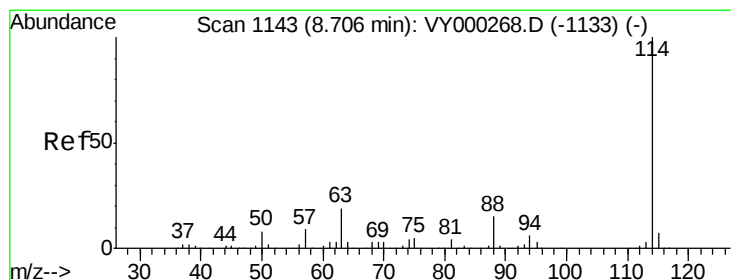
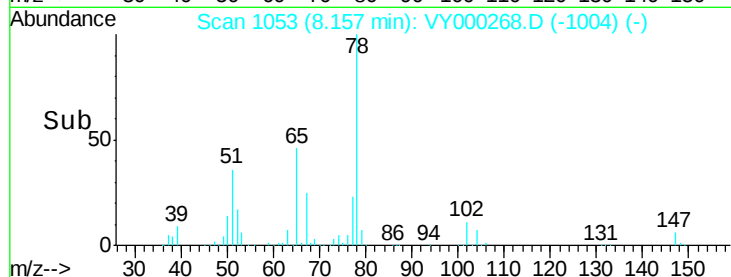
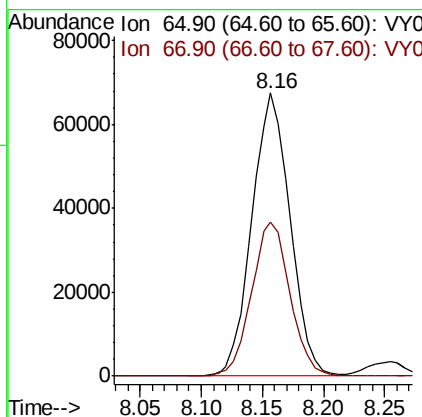
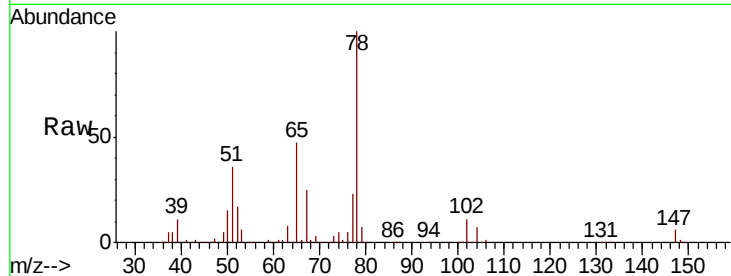
#33
 1,2-Dichloroethane-d4
 Concen: 51.183 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146702		
67	54.7	0.0	109.4	

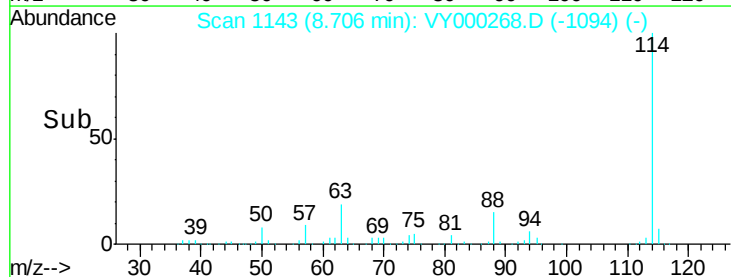
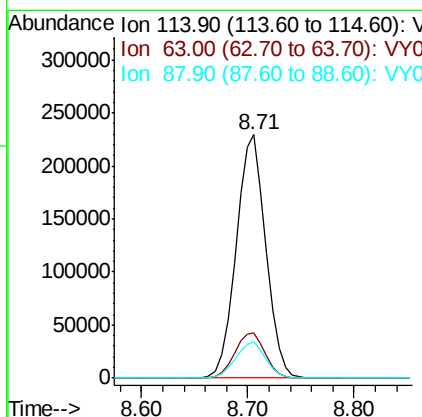
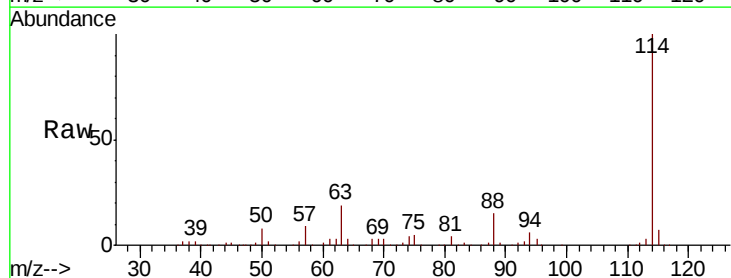
Manual Integrations
 APPROVED

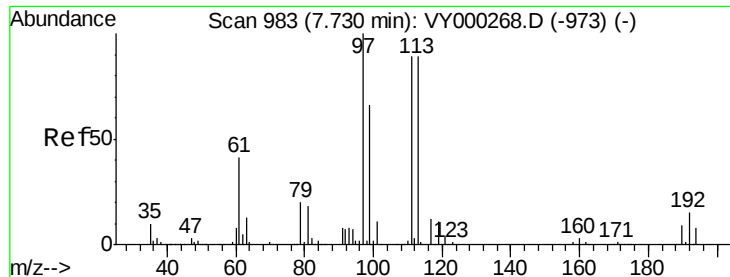
MMDadoda
 10/15/2019 12:33:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445261		
63	18.6	0.0	37.2	
88	15.1	0.0	30.2	





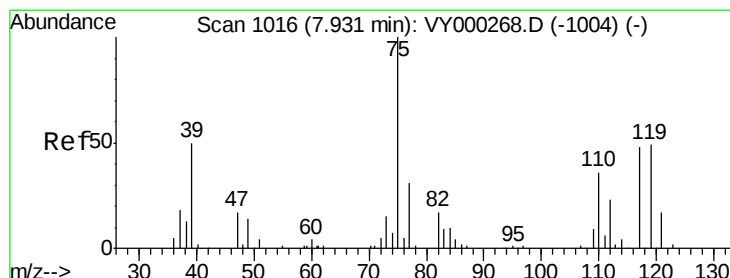
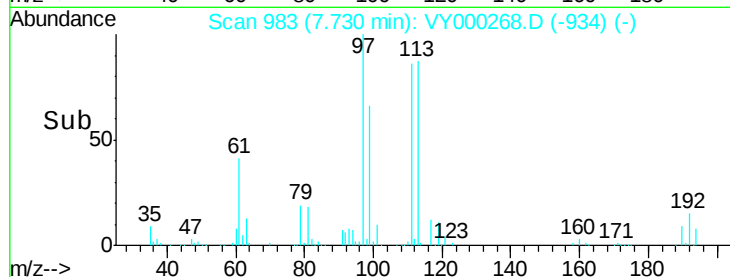
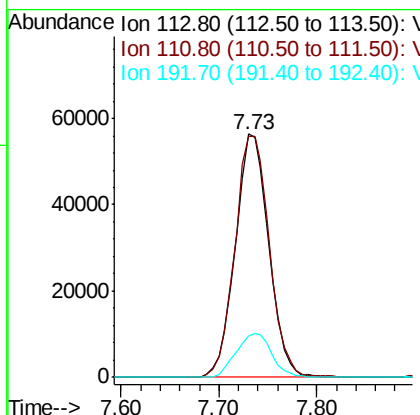
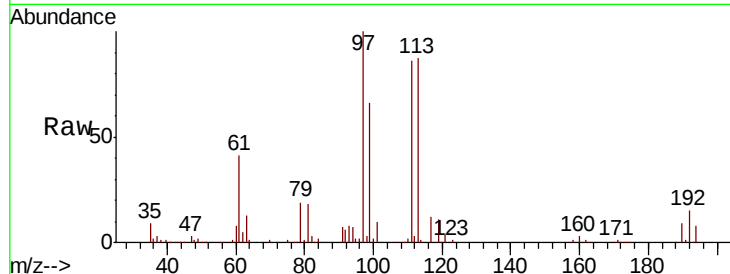
#35
 Dibromofluoromethane
 Concen: 49.810 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	19.1	15.3	22.9

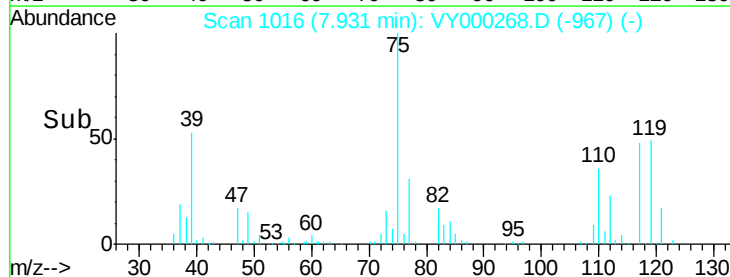
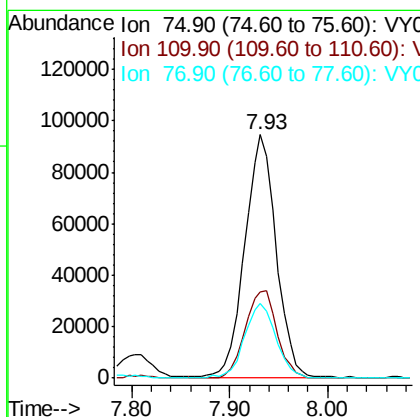
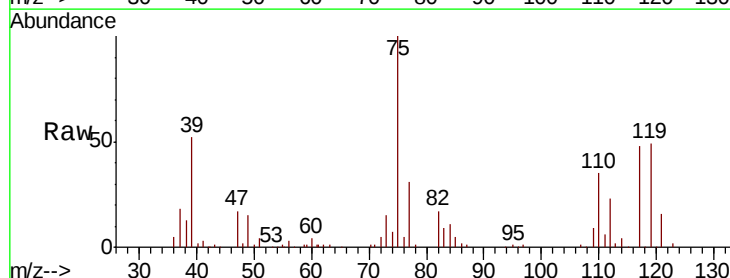
Manual Integrations
 APPROVED

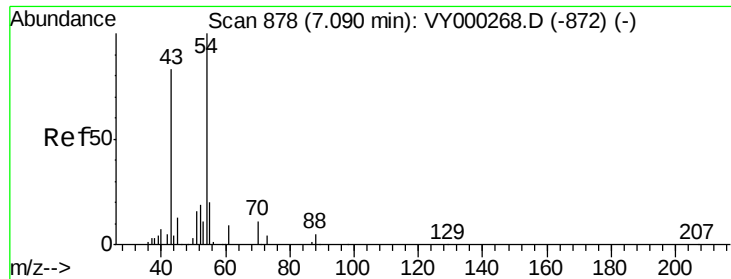
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 47.810 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.4
77	31.3	25.0	37.6





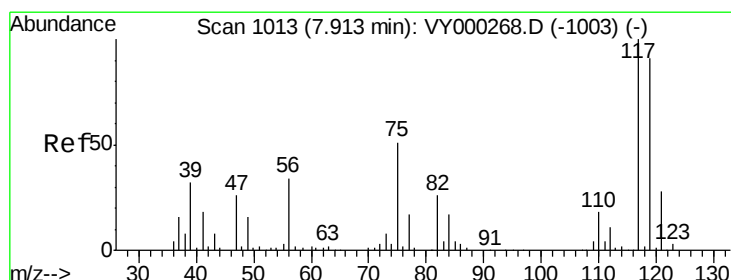
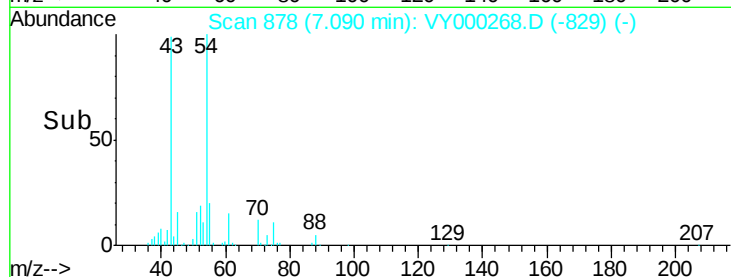
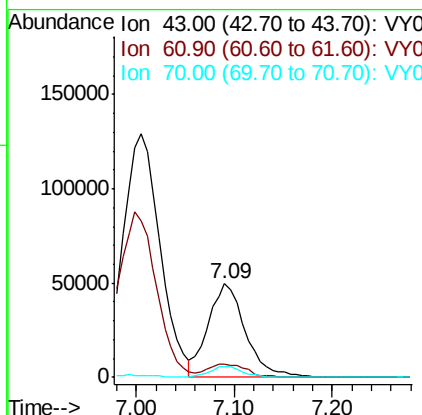
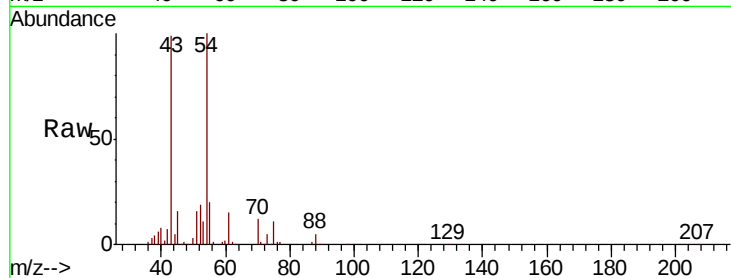
#37
Ethyl Acetate
Concen: 50.395 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	10.9	8.7	13.1

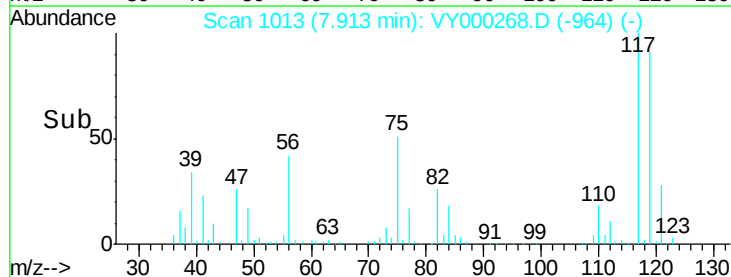
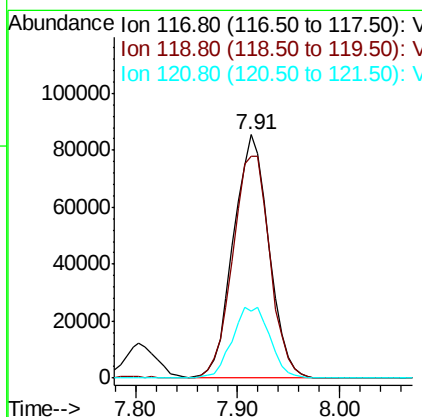
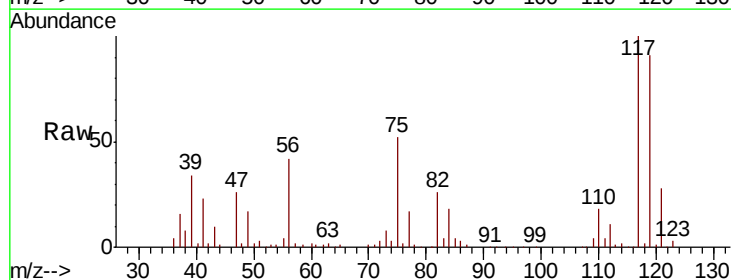
Manual Integrations
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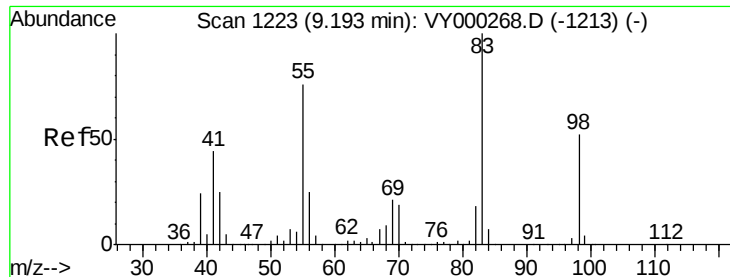
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.995 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	72.8	109.2
121	27.7	22.2	33.2





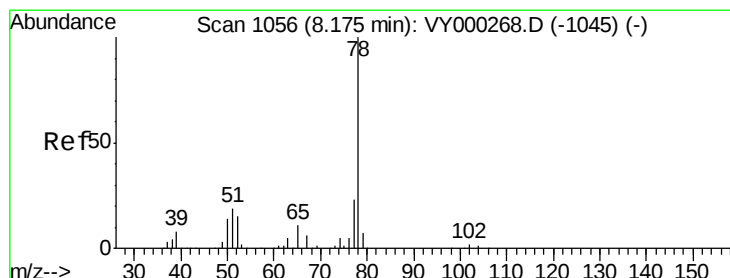
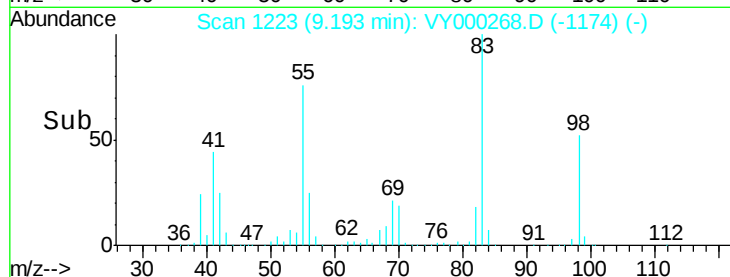
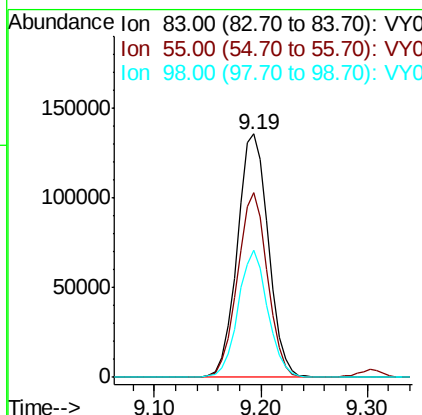
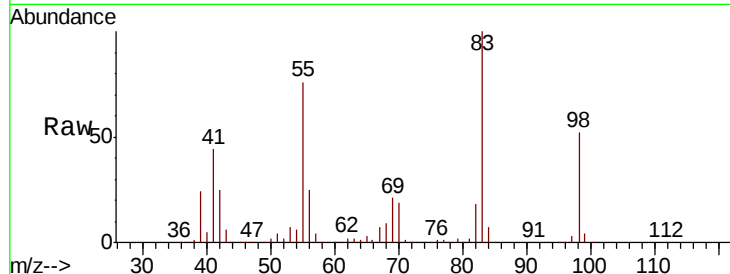
#39
Methvlcvclohexane
Concen: 48.778 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	83.00	Resp	278308
Ion Ratio	100	Lower	Upper
83	100		
55	76.1	60.9	91.3
98	52.2	41.8	62.6

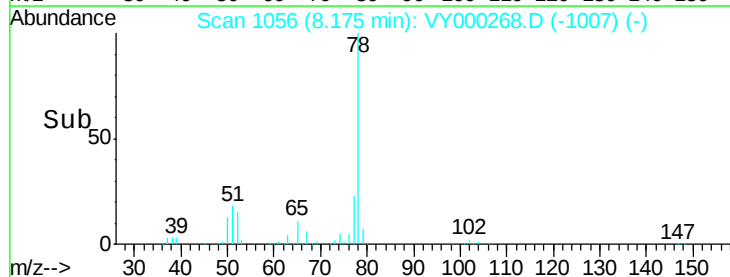
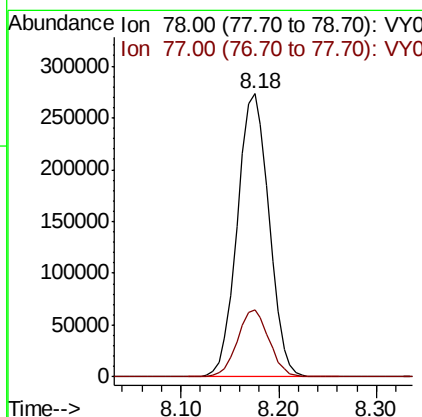
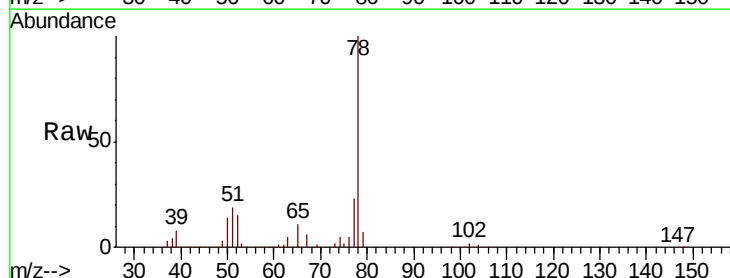
Manual Integrations
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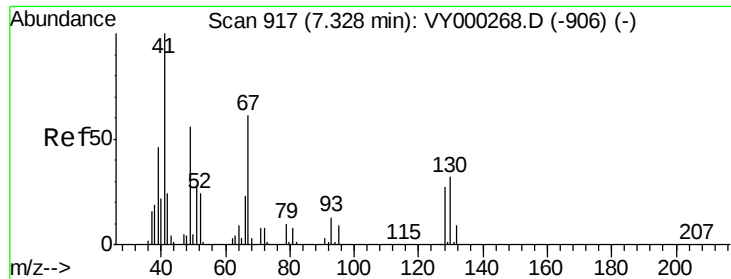
MMDadoda
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#40
Benzene
Concen: 48.880 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	78.00	Resp	615796
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	18.8	28.2





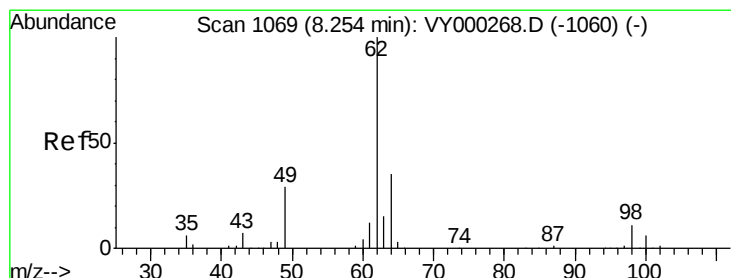
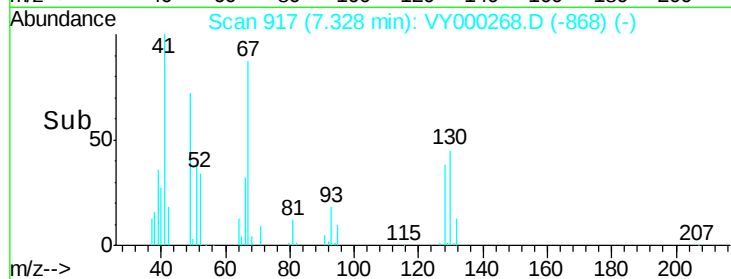
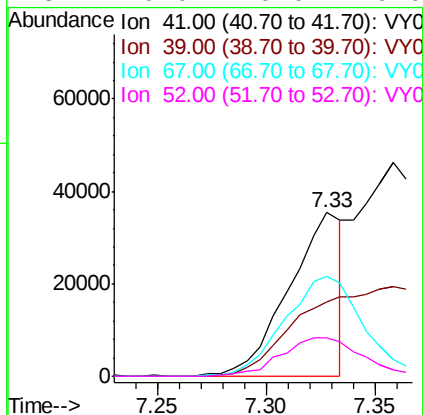
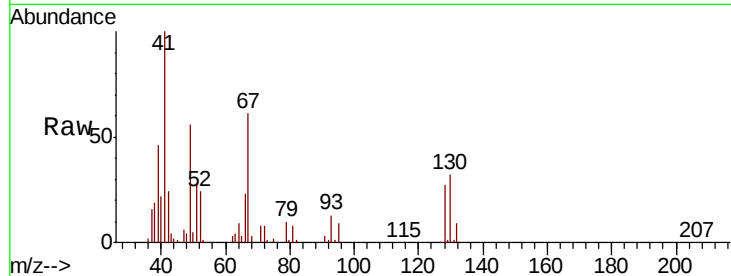
#41
Methacrylonitrile
Concen: 53.917 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	61130
Ion	Ratio	Lower	Upper
41	100		
39	137.8	110.2	165.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0

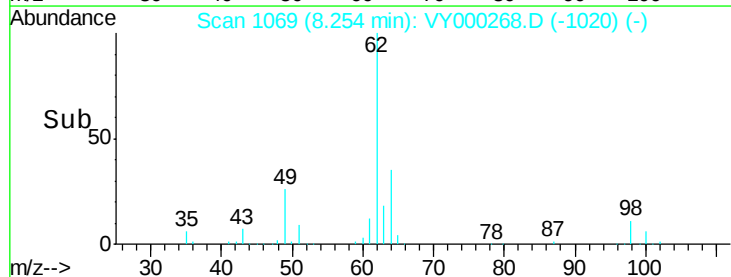
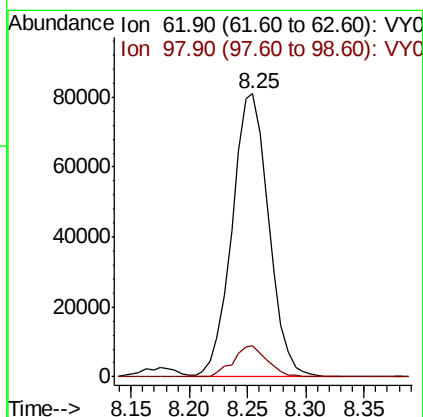
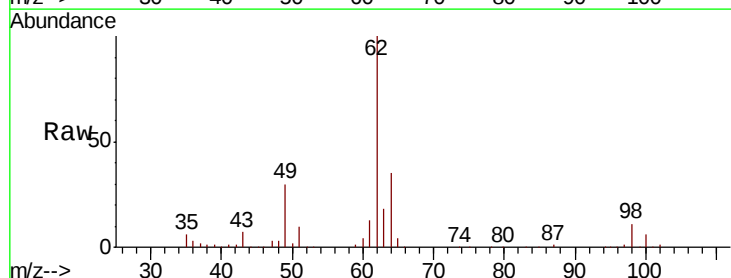
Manual Integrations
APPROVED

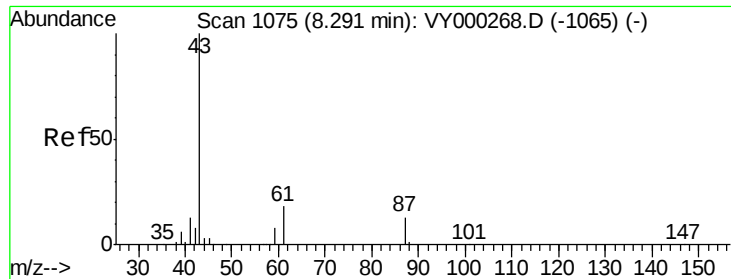
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.263 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:	62	Resp:	177280
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.771 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

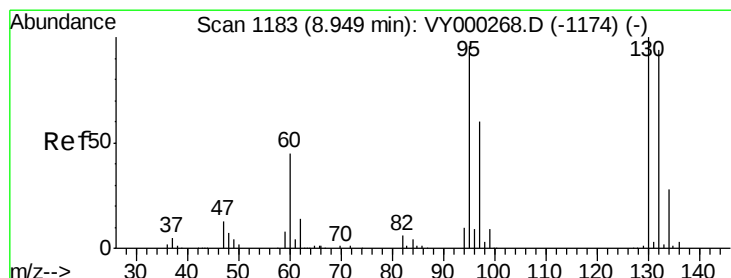
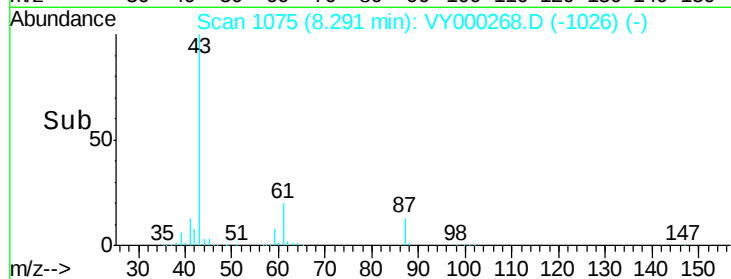
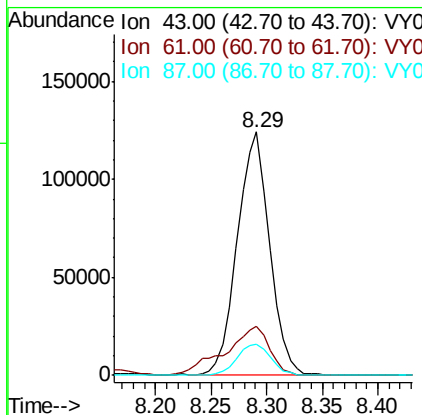
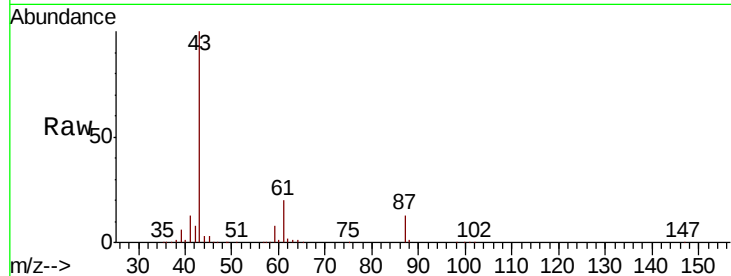
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	249189
Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.3	33.5
87	13.6	10.9	16.3

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#44

Trichloroethene

Concen: 49.151 ug/l

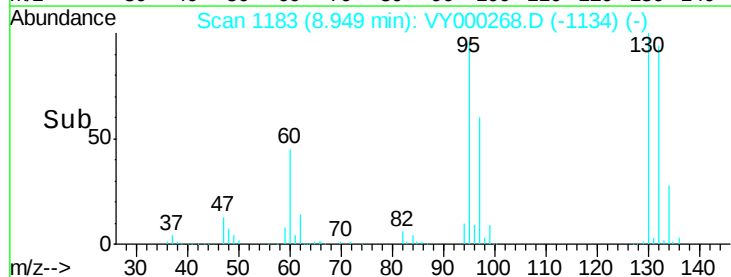
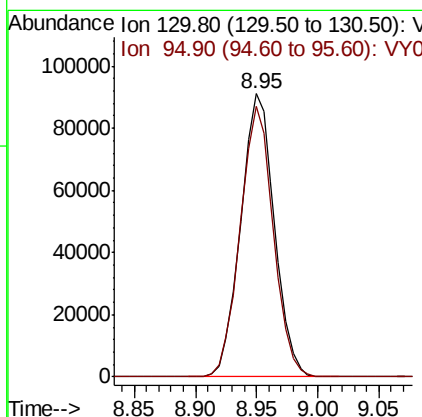
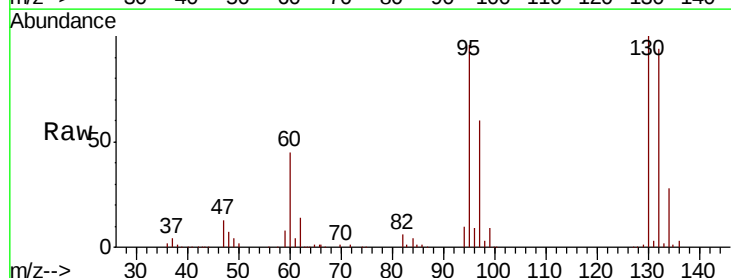
RT: 8.95 min Scan# 1183

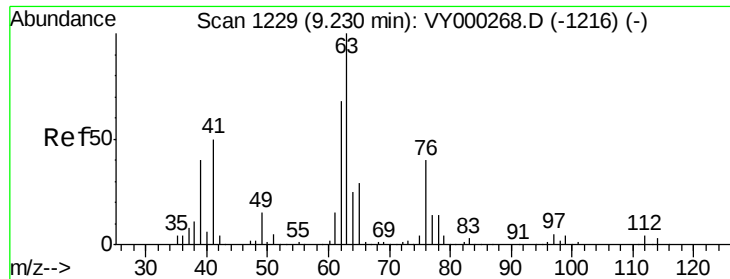
Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion:	130	Resp:	173741
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	191.4





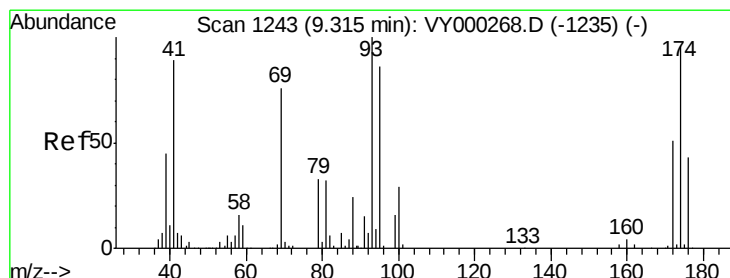
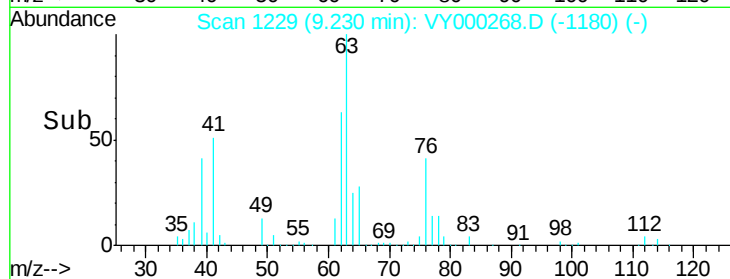
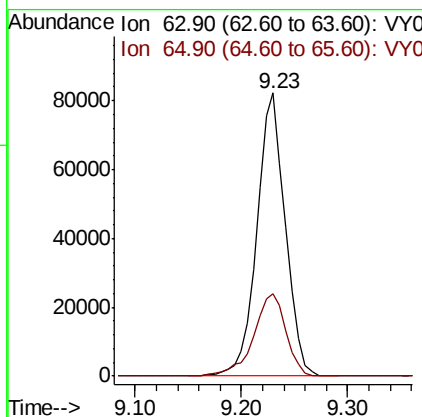
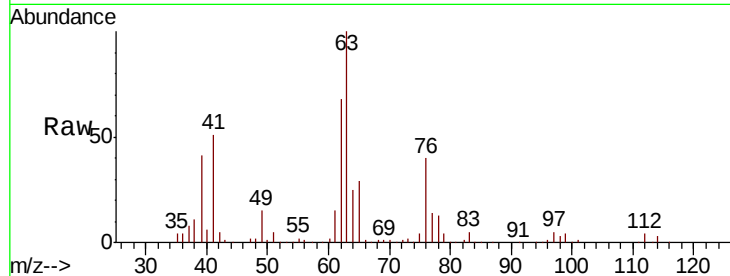
#45
 1,2-Dichloropropane
 Concen: 49.691 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 153626
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.2 34.8

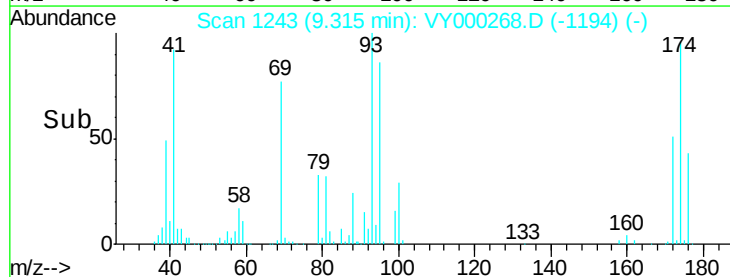
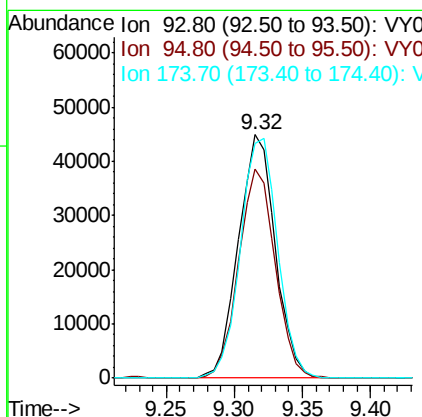
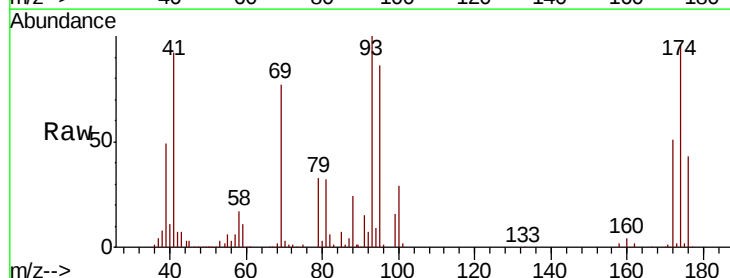
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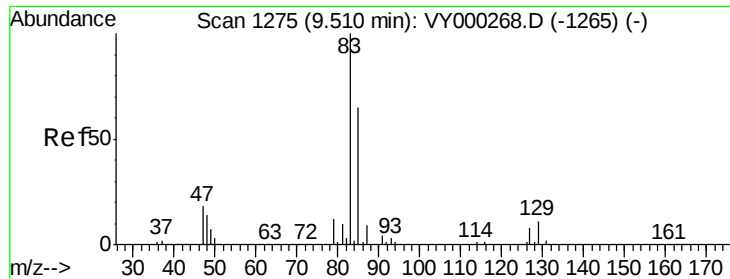
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#46
 Dibromomethane
 Concen: 49.205 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 93 Resp: 85040
 Ion Ratio Lower Upper
 93 100
 95 85.2 68.2 102.2
 174 99.7 79.8 119.6





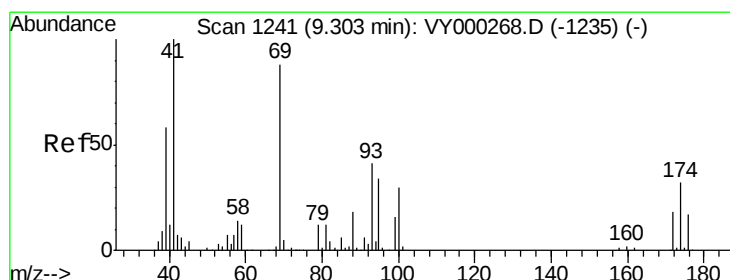
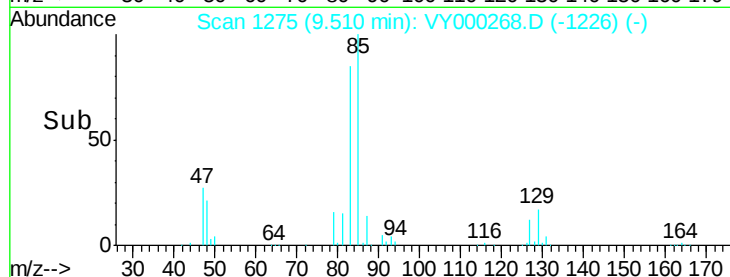
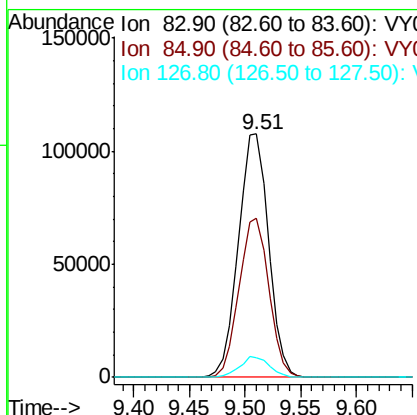
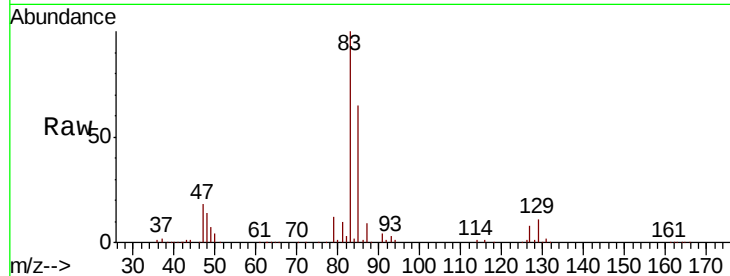
#47
Bromodichloromethane
Concen: 49.764 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	202691
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	7.9	6.3	9.5

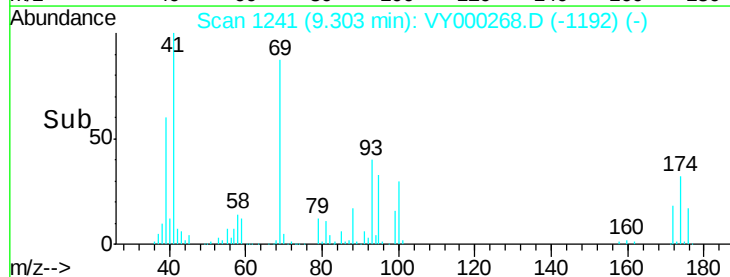
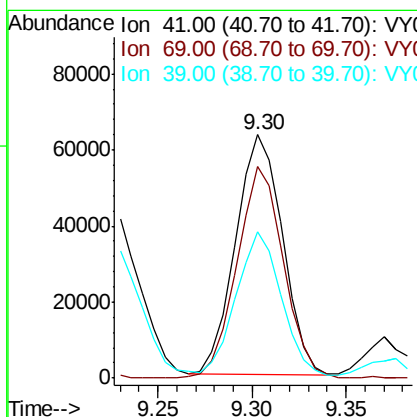
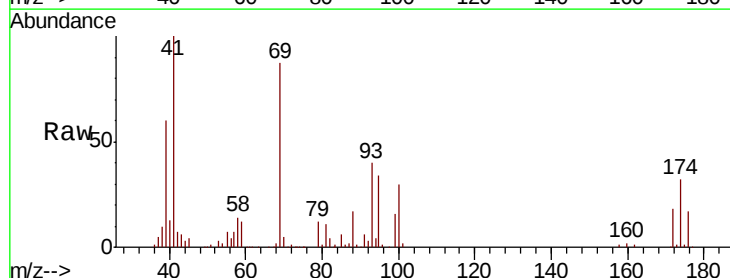
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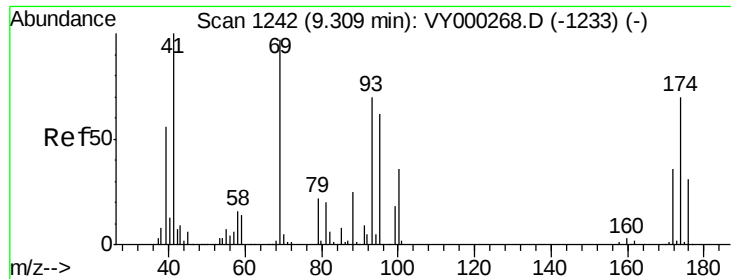
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#48
Methyl methacrylate
Concen: 50.882 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	41	Resp	109446
Ion Ratio	100	Lower	Upper
41	100		
69	87.5	70.0	105.0
39	59.6	47.7	71.5





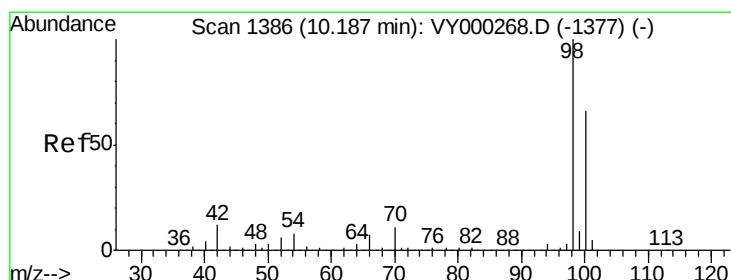
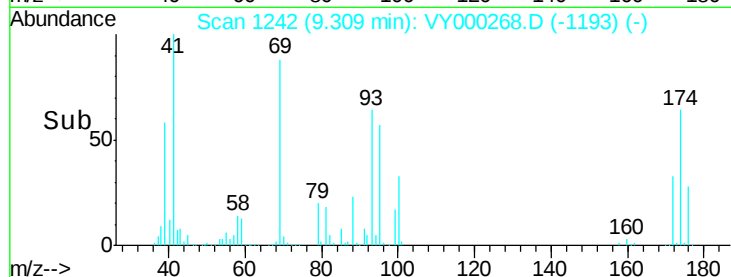
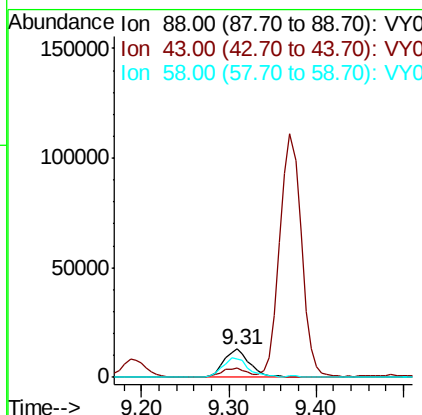
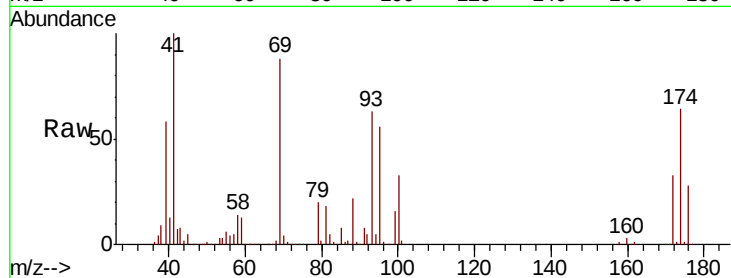
#49
1,4-Dioxane
Concen: 1033.289 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	26776
Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.6	38.4
58	68.2	54.6	81.8

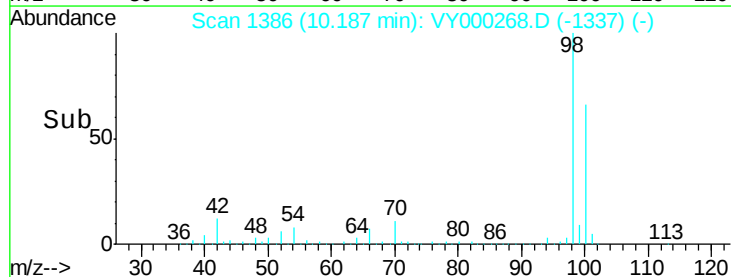
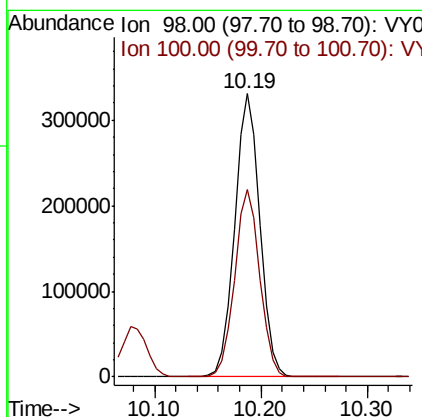
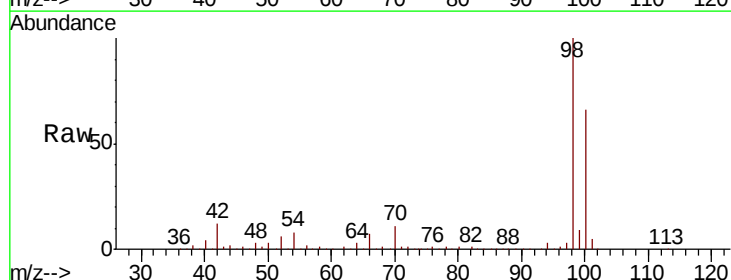
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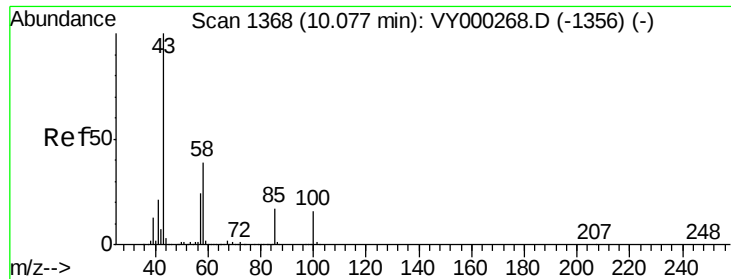
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#50
Toluene-d8
Concen: 52.930 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	98	Resp	546861
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 258.884 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 655356

Ion Ratio Lower Upper

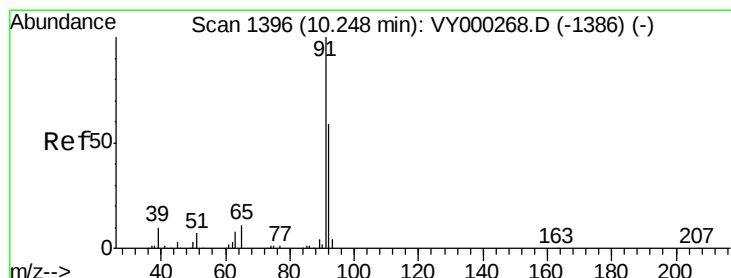
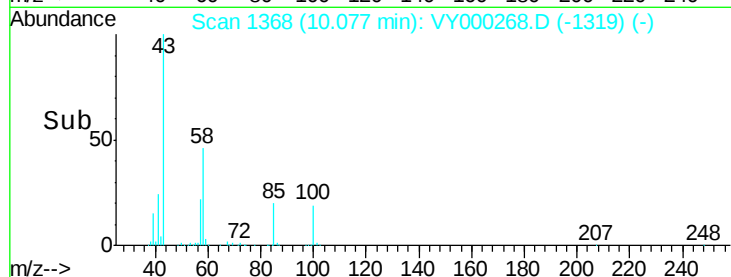
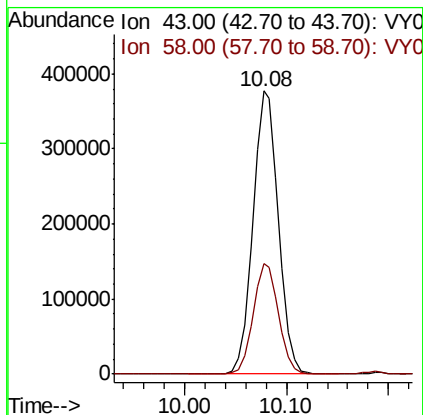
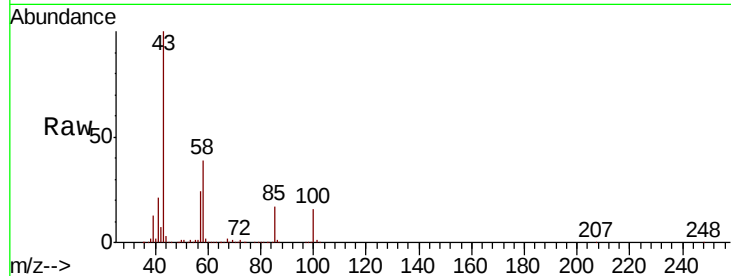
43 100

58 38.8 31.0 46.6

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#52

Toluene

Concen: 49.115 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000268.D

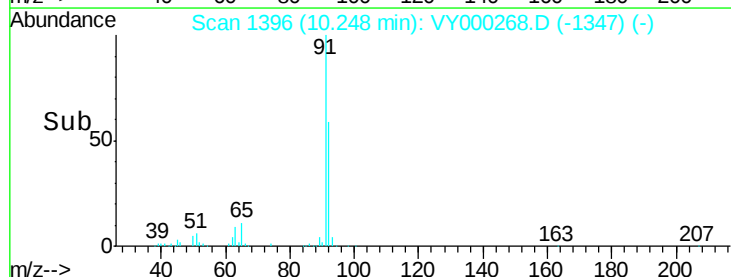
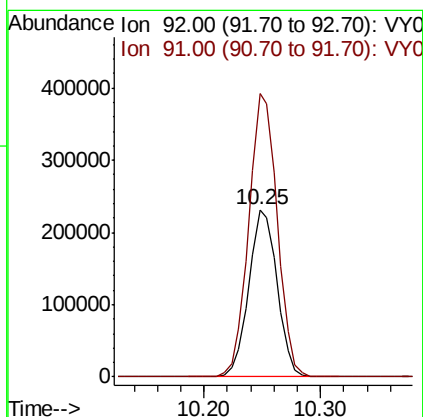
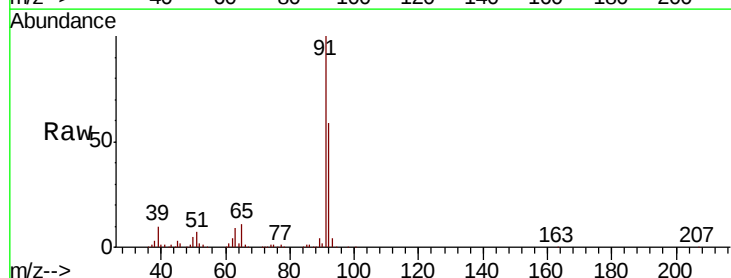
Acq: 11 Oct 2019 13:53

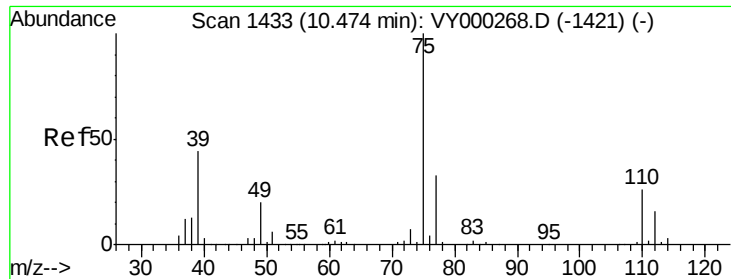
Tgt Ion: 92 Resp: 392847

Ion Ratio Lower Upper

92 100

91 170.8 136.6 205.0





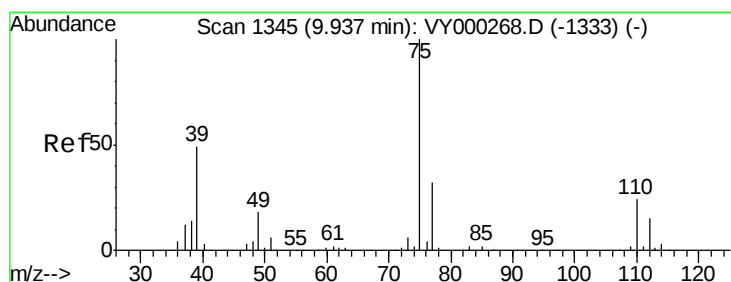
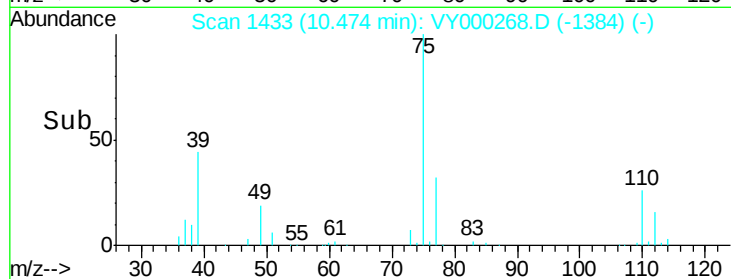
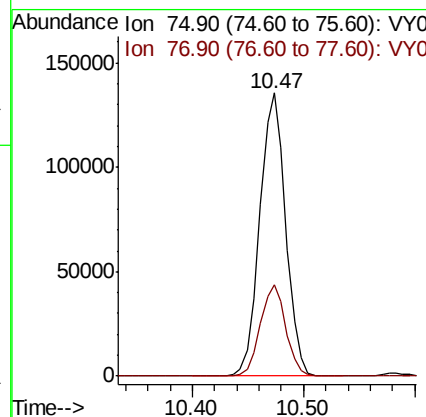
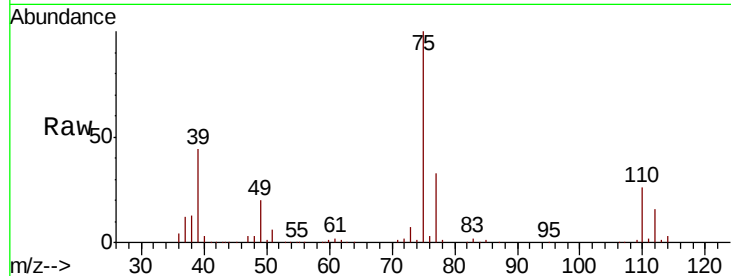
#53
t-1,3-Dichloropropene
Concen: 50.377 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 219899
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0

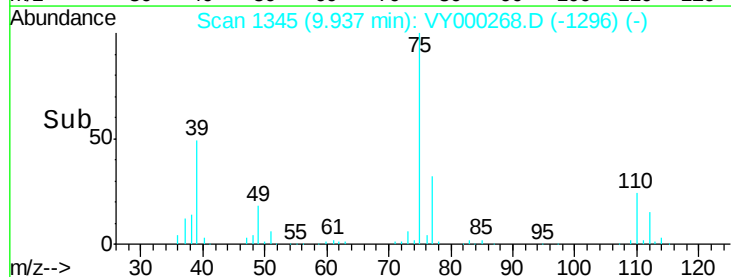
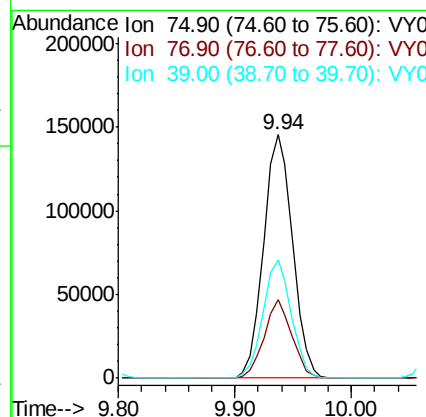
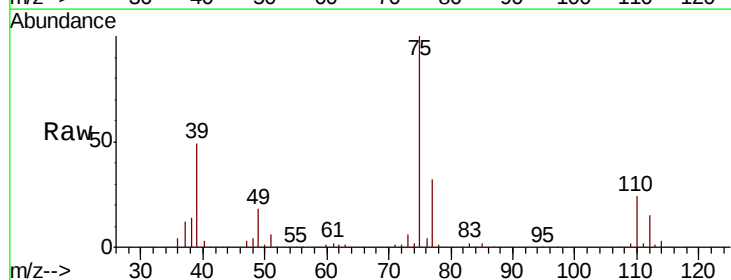
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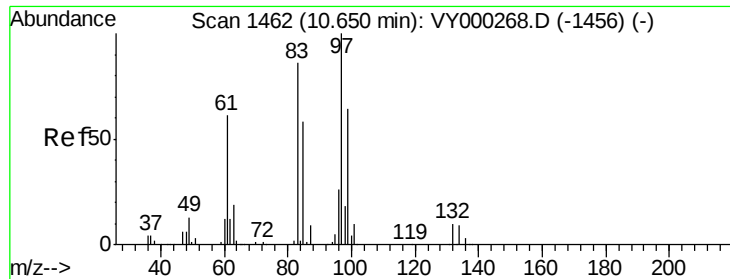
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#54
cis-1,3-Dichloropropene
Concen: 50.585 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 75 Resp: 250758
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 48.5 38.8 58.2





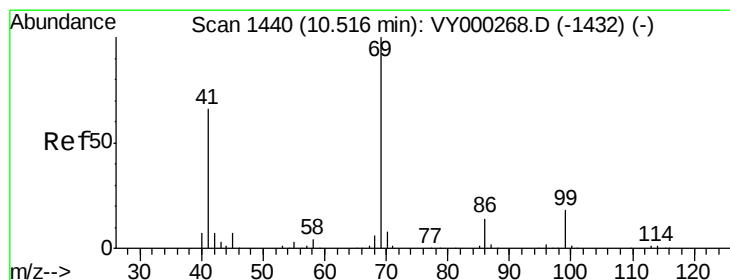
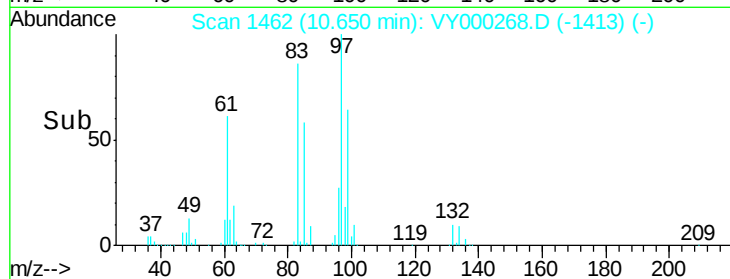
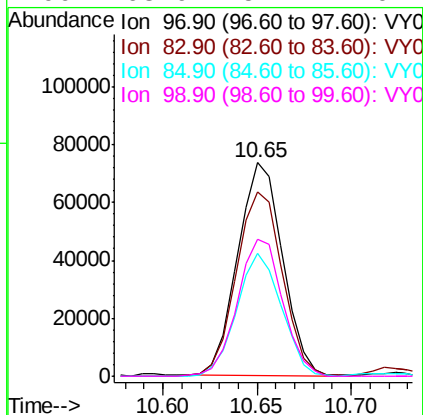
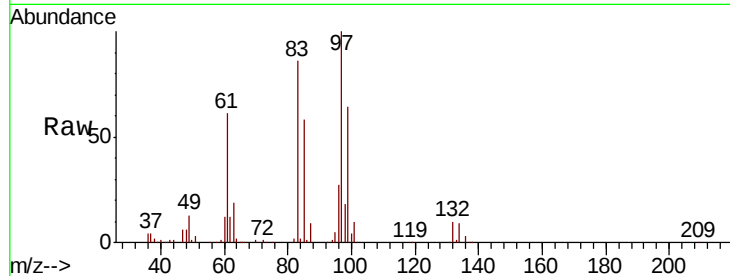
#55
 1,1,2-Trichloroethane
 Concen: 48.473 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		121807		
83	86.3	69.0	103.6		
85	57.8	46.2	69.4		
99	63.9	51.1	76.7		

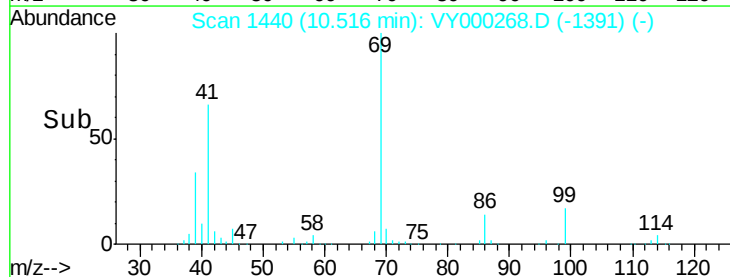
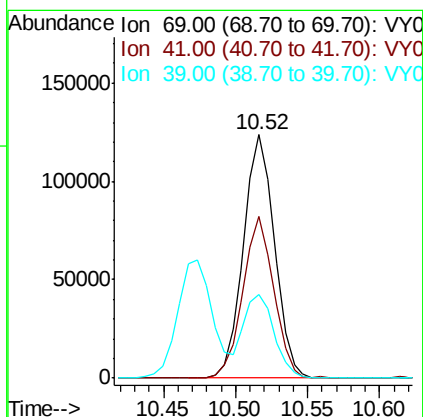
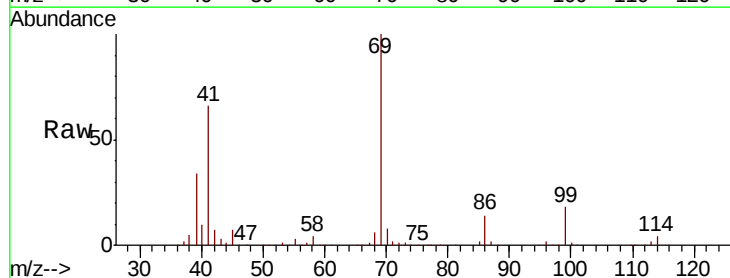
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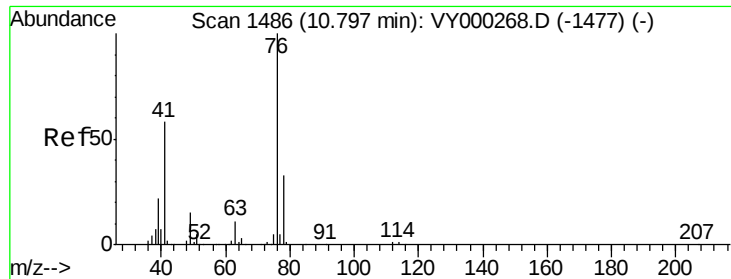
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#56
 Ethyl methacrylate
 Concen: 51.682 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		185111		
41	65.6	52.5	78.7		
39	33.4	26.7	40.1		





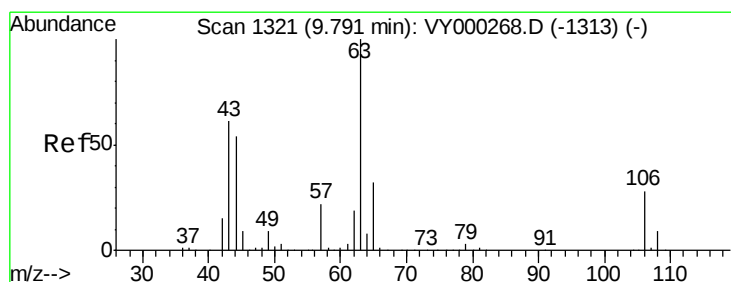
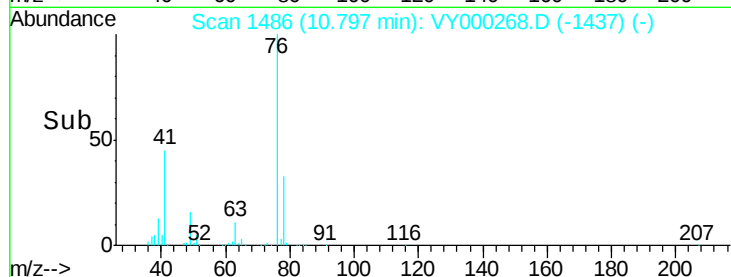
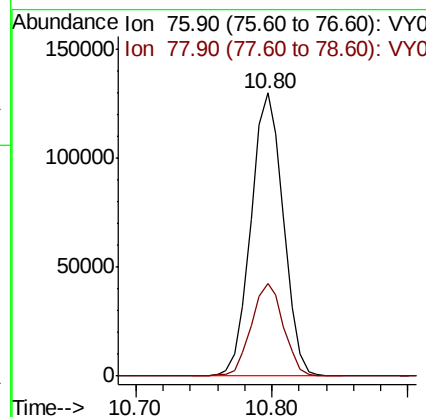
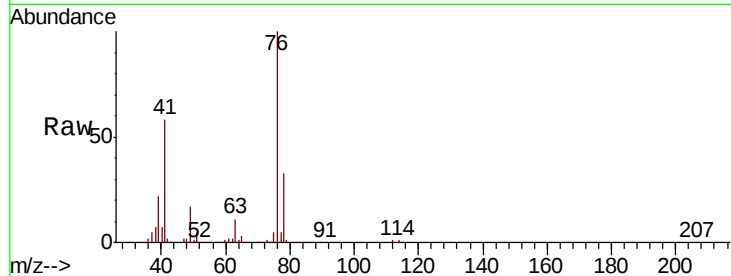
#57
 1,3-Dichloropropane
 Concen: 50.152 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 216432
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

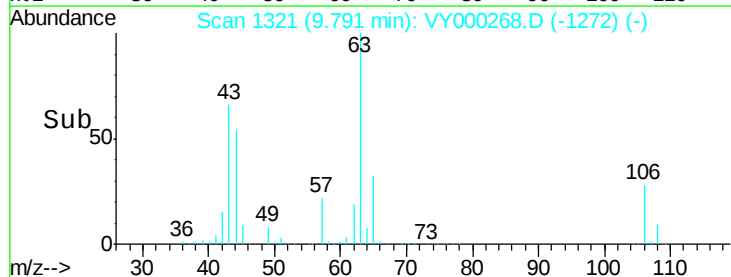
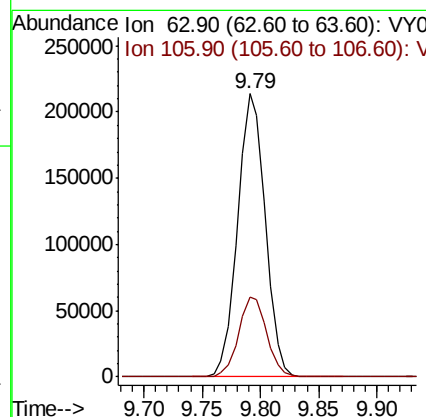
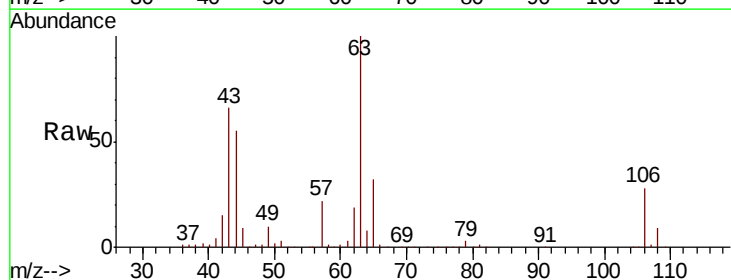
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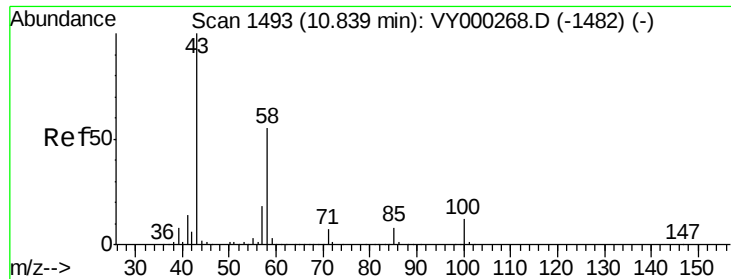
MMDadoda
 10/15/2019 12:33:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.516 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion: 63 Resp: 353611
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.0 34.4





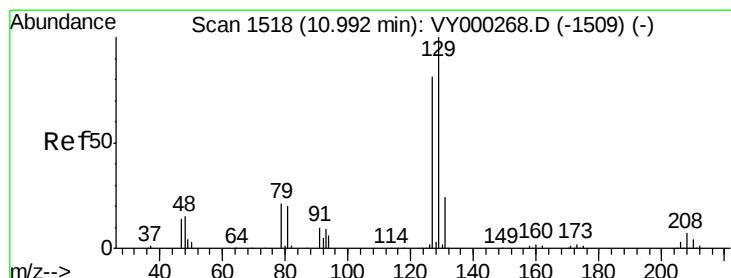
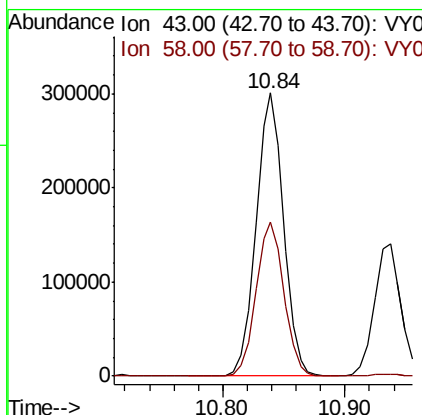
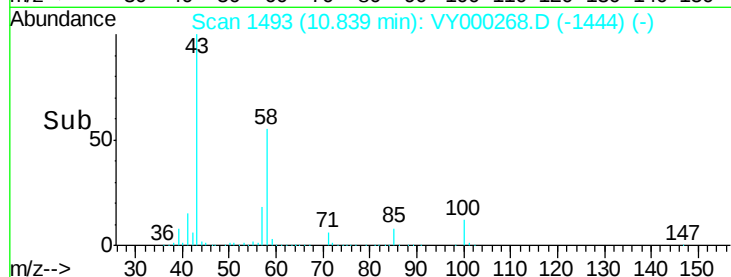
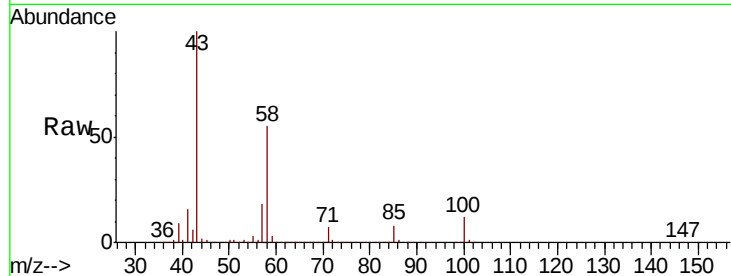
#59
2-Hexanone
Concen: 264.263 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 469560
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

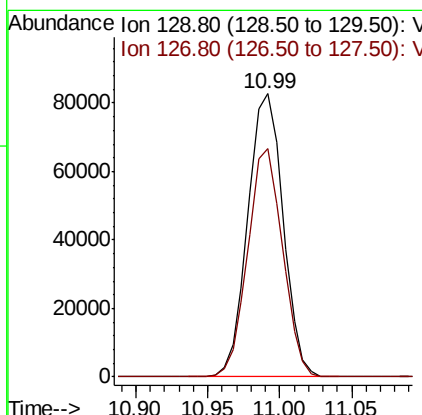
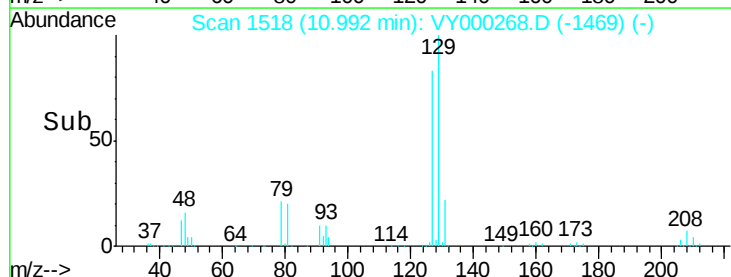
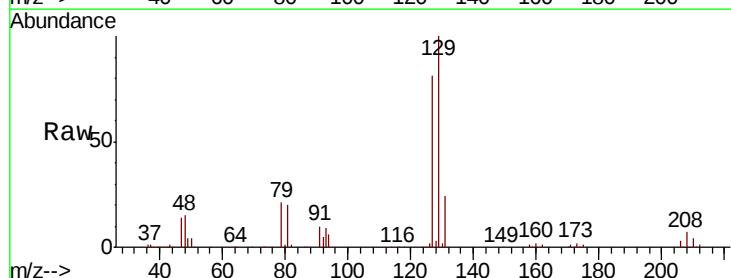
Manual Integrations
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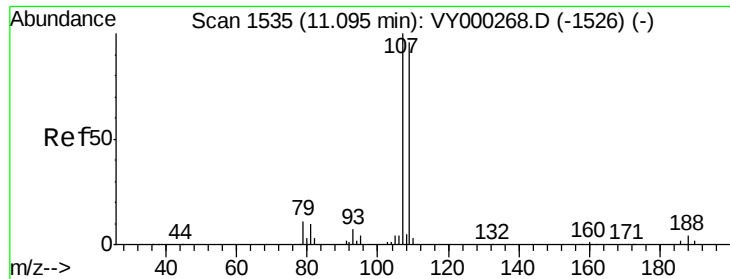
MMDadoda
10/15/2019 12:33:45 PM



#60
Dibromochloromethane
Concen: 50.297 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 129 Resp: 140086
Ion Ratio Lower Upper
129 100
127 79.8 39.9 119.7





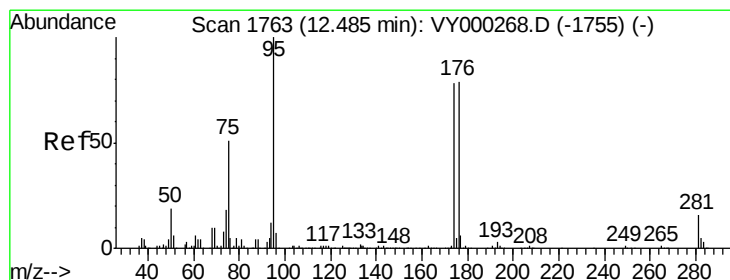
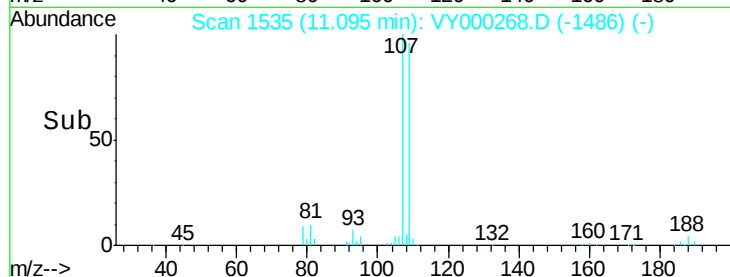
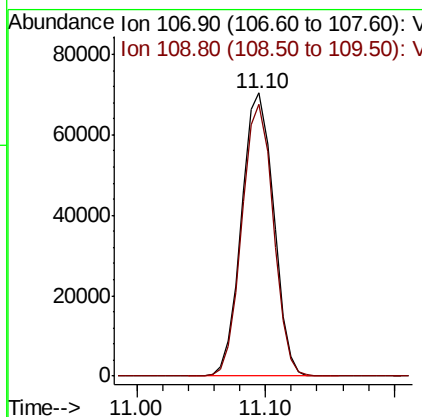
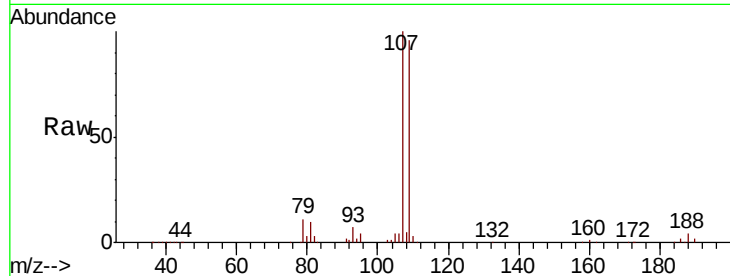
#61
 1,2-Dibromoethane
 Concen: 50.308 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

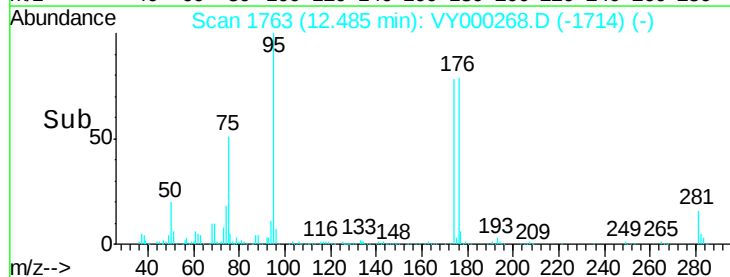
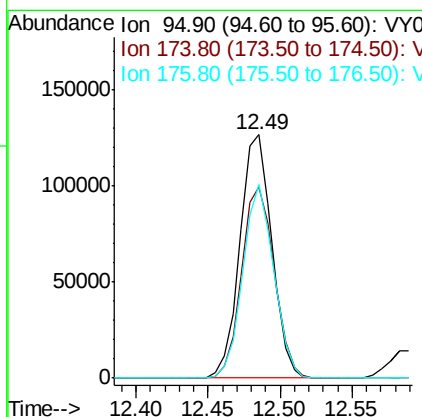
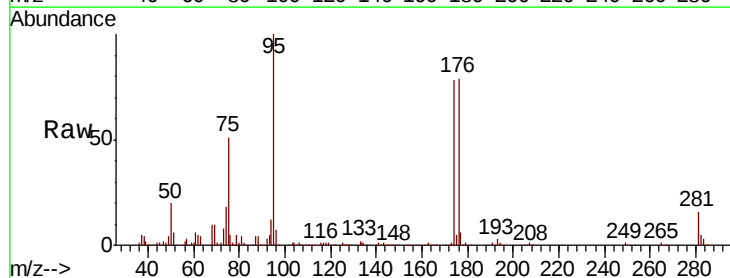
Manual Integrations
 APPROVED

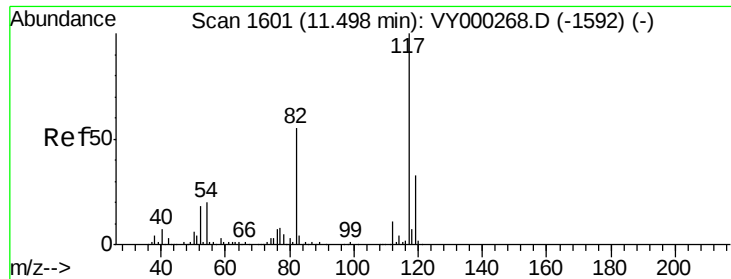
MMDadoda
 10/15/2019 12:33:45 PM



#62
 4-Bromofluorobenzene
 Concen: 49.492 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	159.6
176	76.9	0.0	153.8





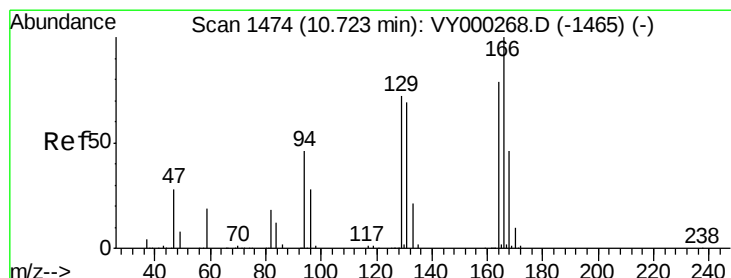
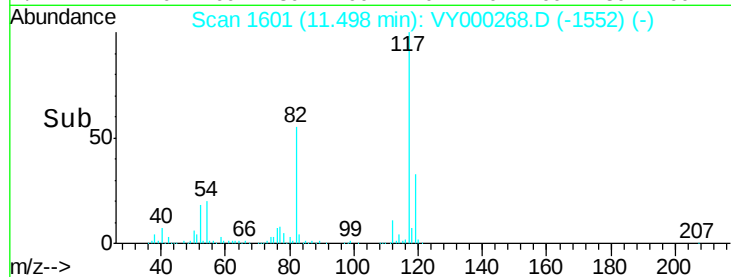
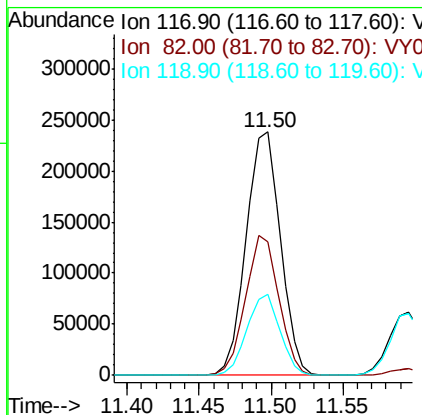
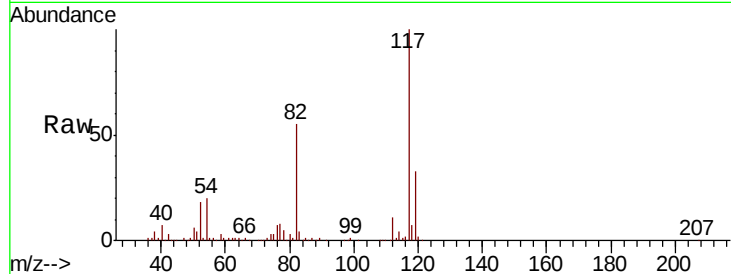
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392933		
82	54.6		43.7	65.5
119	33.2		26.6	39.8

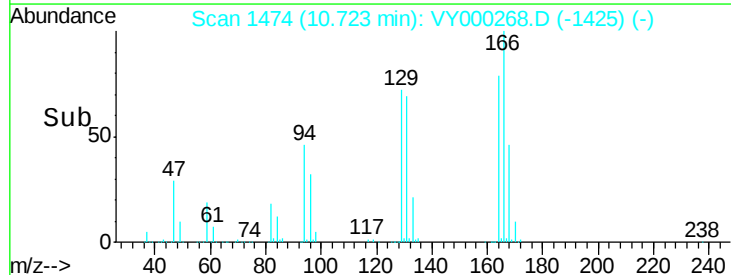
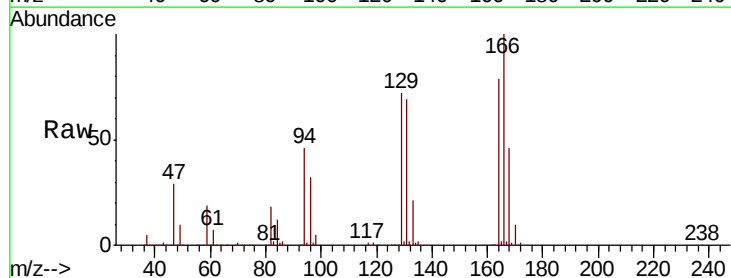
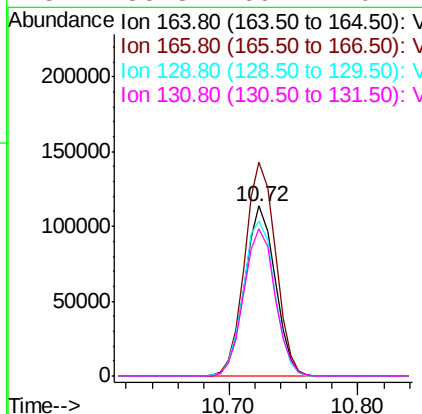
Manual Integrations
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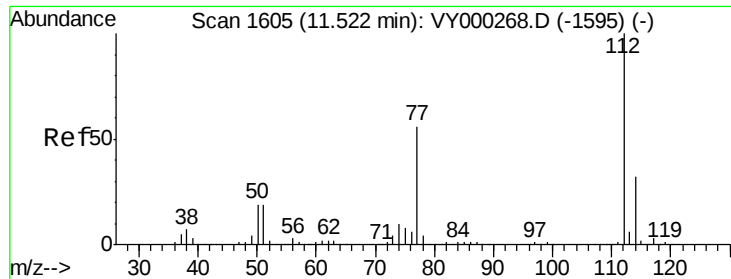
MMDadoda
10/15/2019 12:33:45 PM



#64
Tetrachloroethene
Concen: 49.610 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185579		
166	125.8		100.6	151.0
129	91.0		72.8	109.2
131	86.8		69.4	104.2





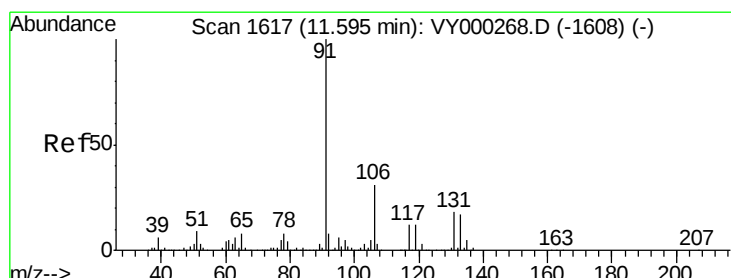
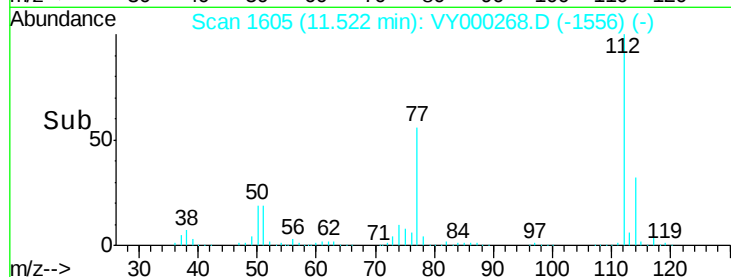
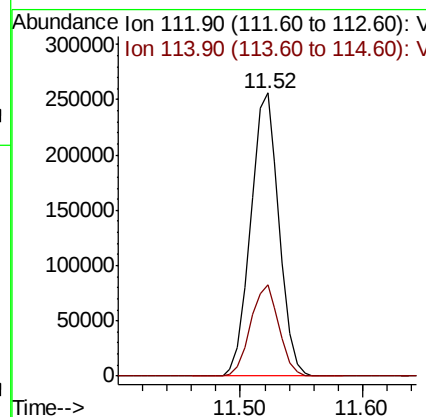
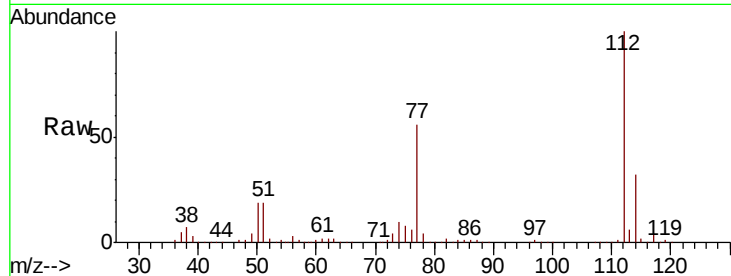
#65
Chlorobenzene
Concen: 49.524 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 410681
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

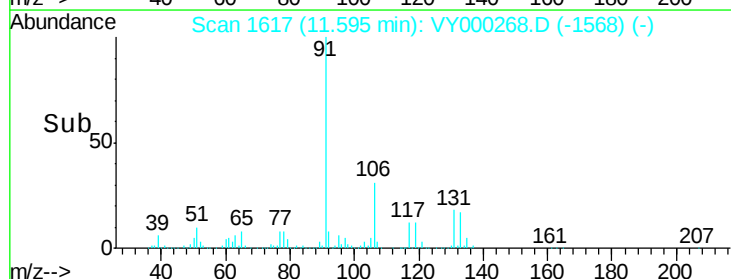
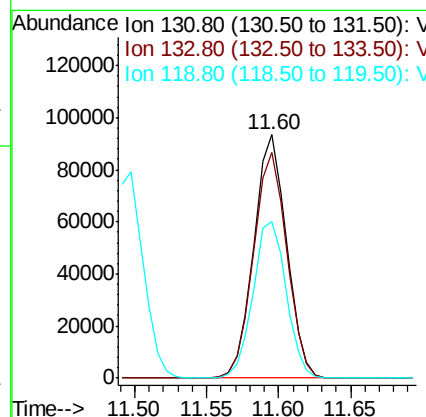
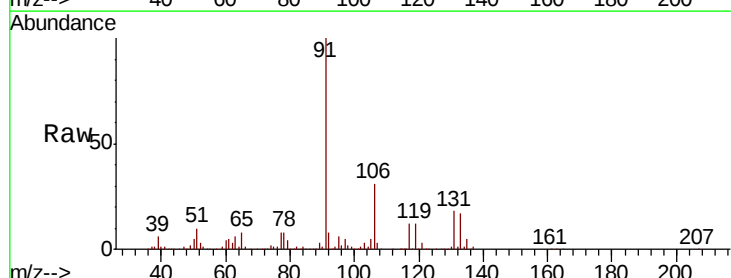
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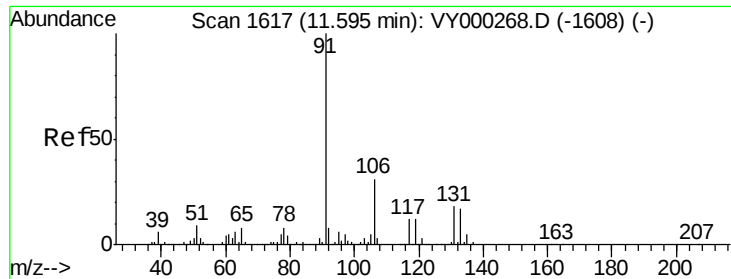
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.293 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:131 Resp: 146504
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 65.3 32.6 98.0





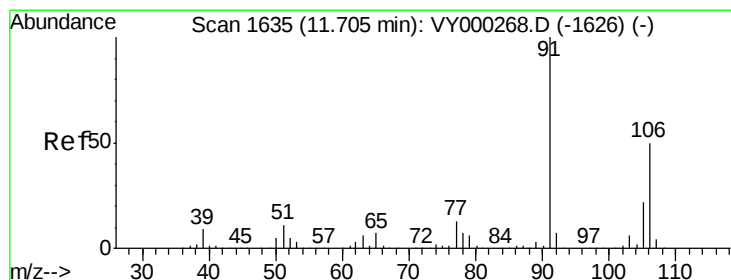
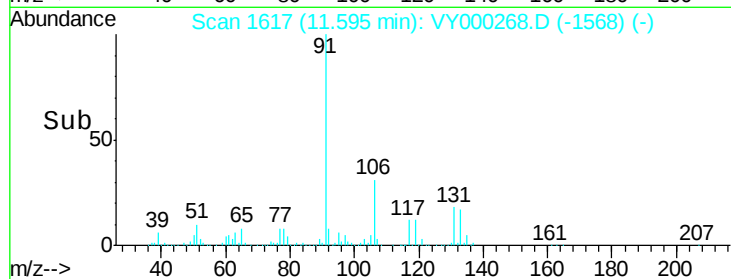
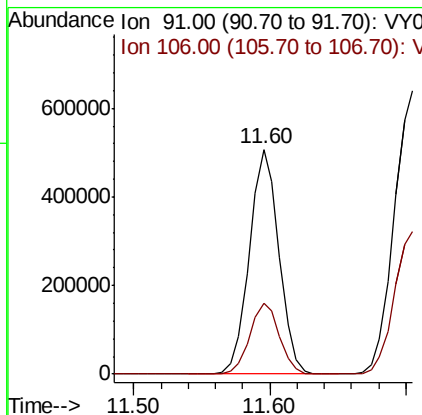
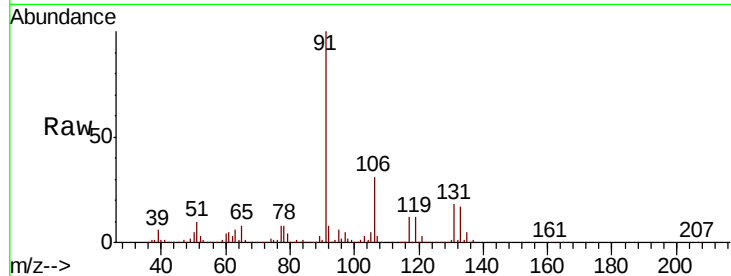
#67
Ethyl Benzene
Concen: 50.134 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 770696
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

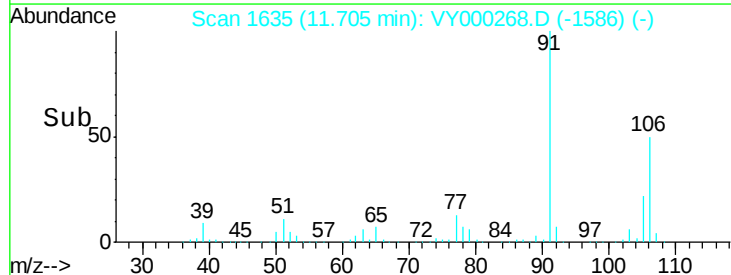
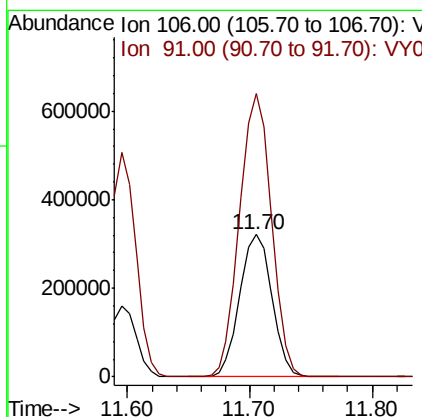
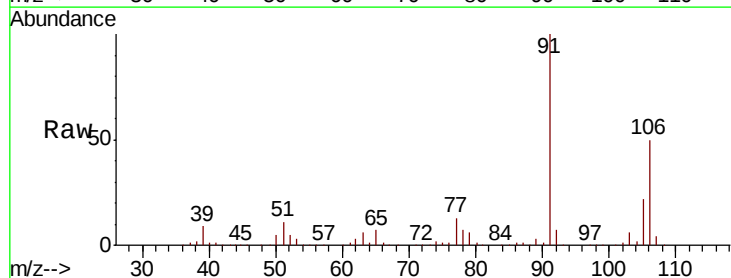
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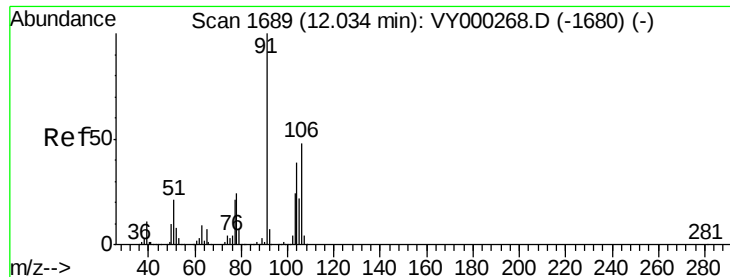
MMDadoda
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#68
m/p-Xylenes
Concen: 100.437 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion: 106 Resp: 590241
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3





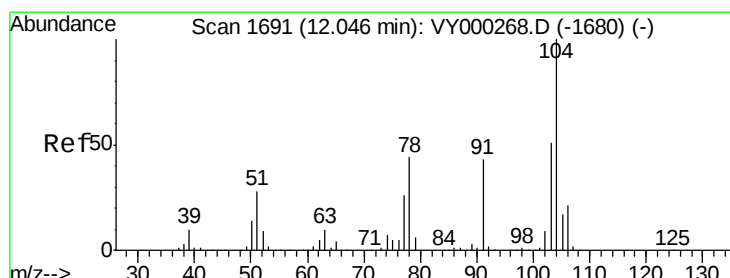
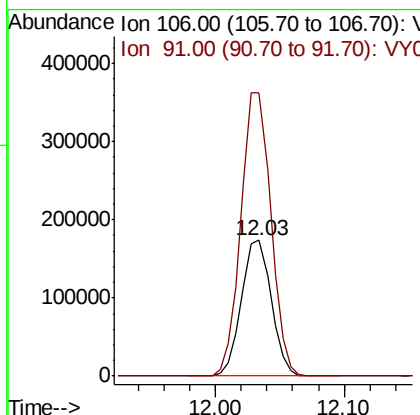
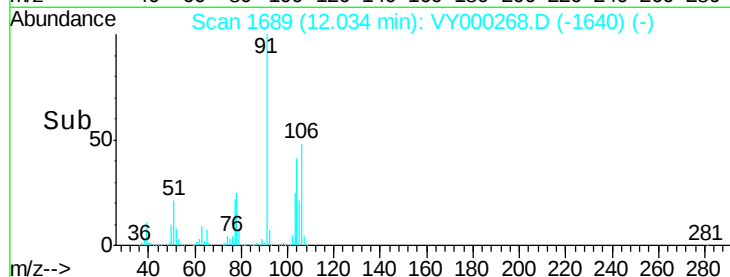
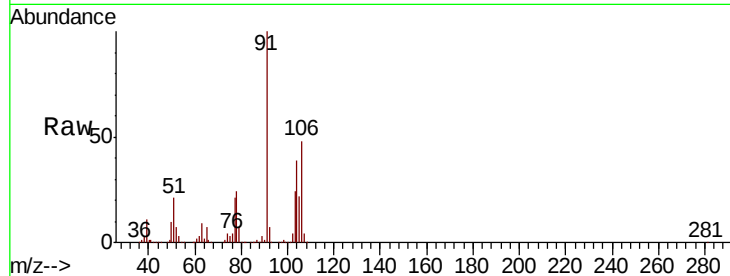
#69
o-Xylene
Concen: 49.733 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 278814
Ion Ratio Lower Upper
106 100
91 209.3 104.7 313.9

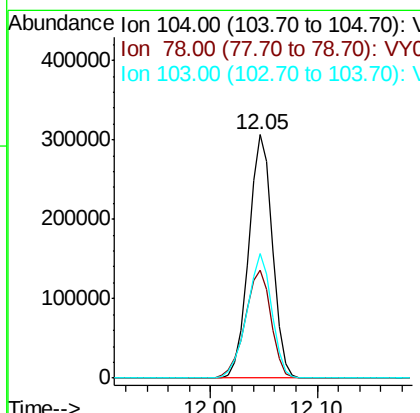
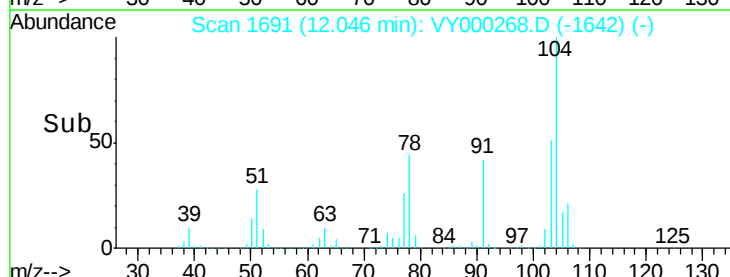
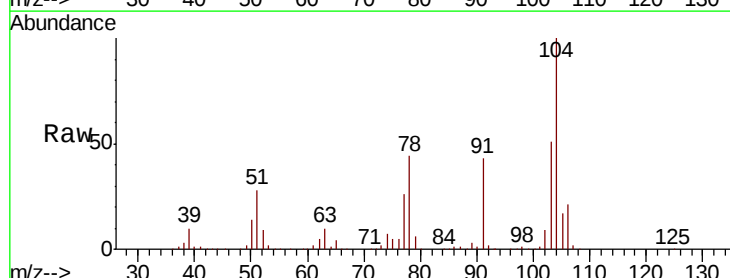
Manual Integrations
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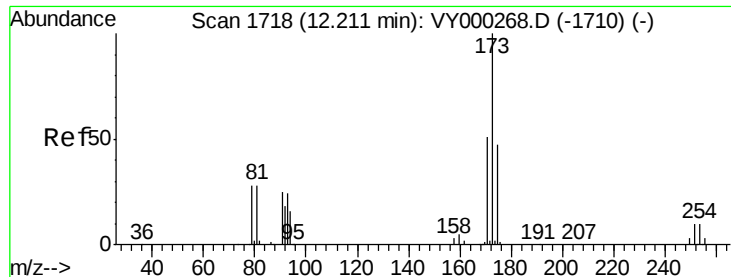
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#70
Styrene
Concen: 50.587 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion:104 Resp: 478290
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 53.9 43.1 64.7





#71

Bromoform

Concen: 52.885 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

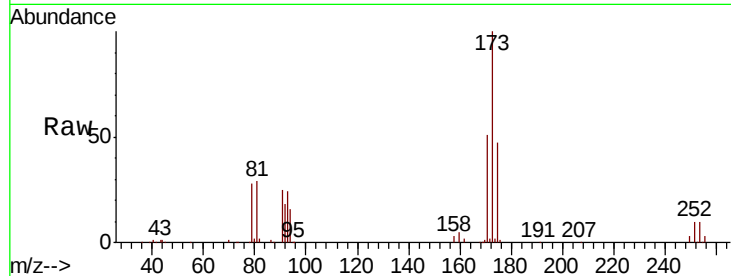
ClientSampleId :

VSTDICCC050

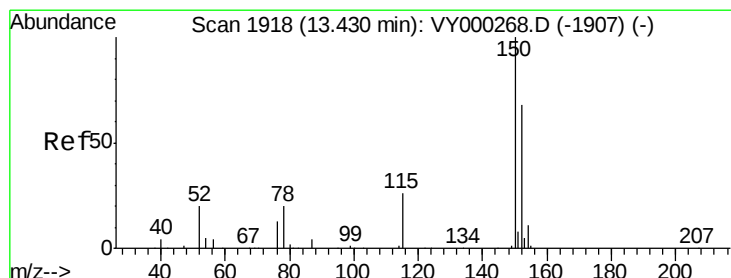
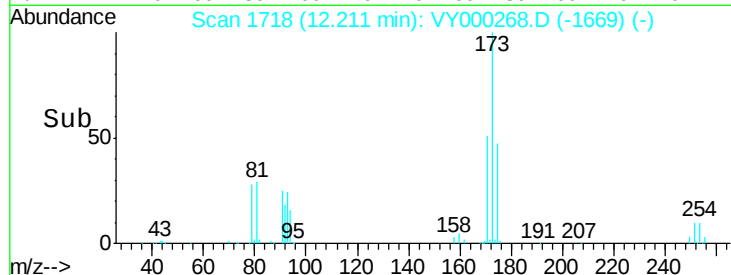
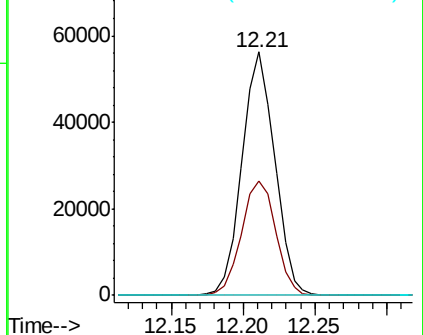
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.1	0.1	0.1

Manual Integrations
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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

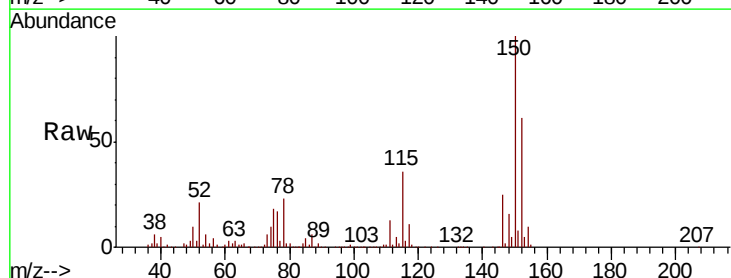
RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

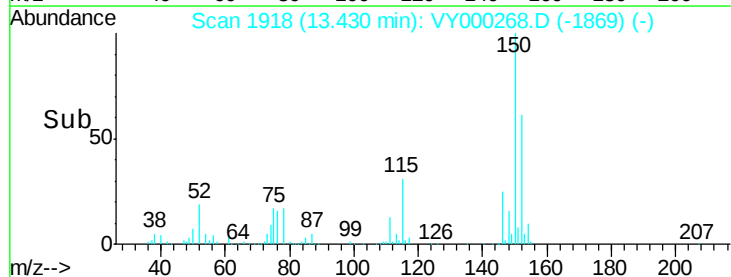
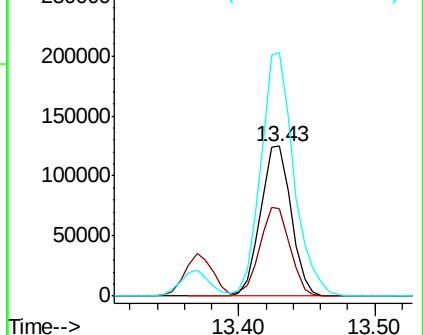
Lab File: VY000268.D

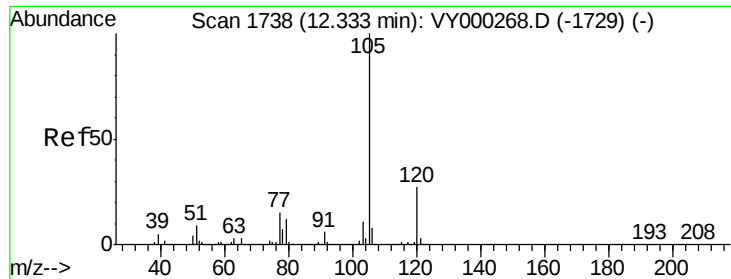
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	174.2	0.0	348.4



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





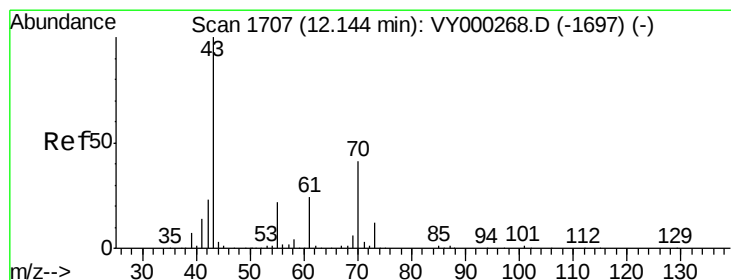
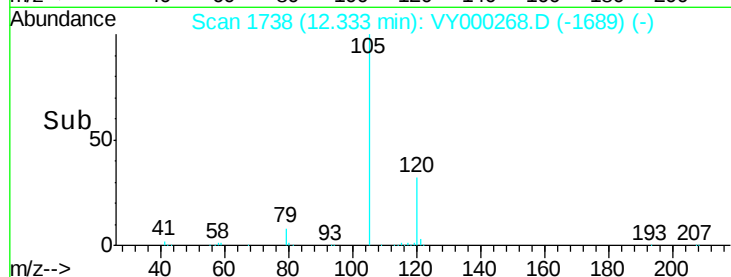
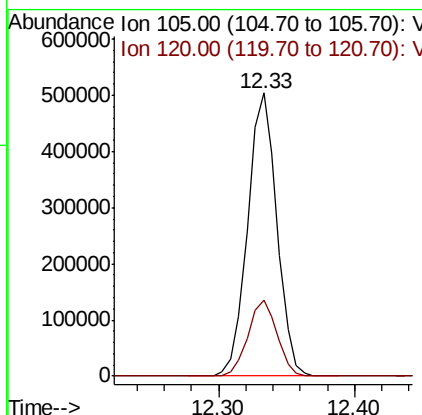
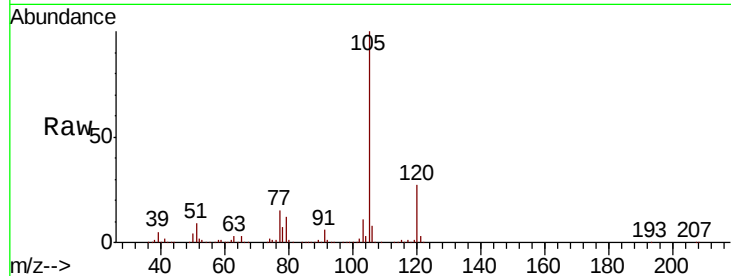
#73
Isopropylbenzene
Concen: 49.024 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

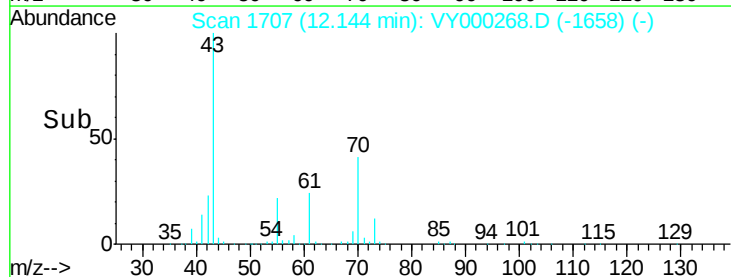
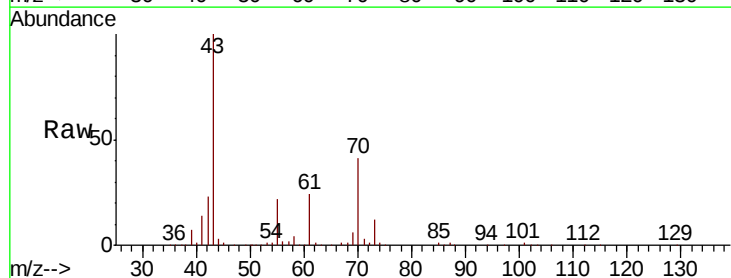
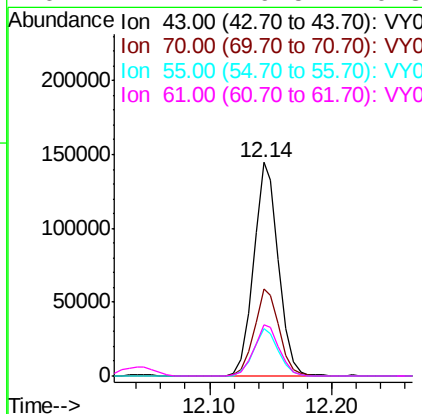
Manual Integrations
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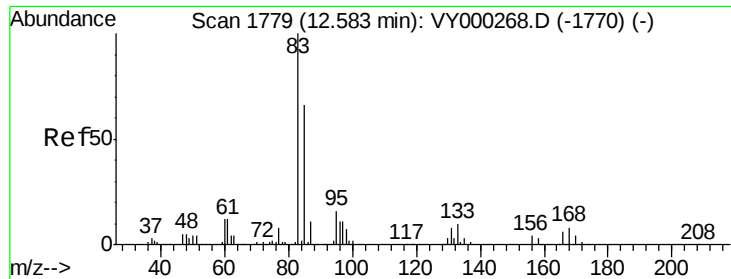
MMDadoda
10/15/2019 12:33:45 PM



#74
N-ethyl acetate
Concen: 53.819 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.1	32.9	49.3
55	22.2	17.8	26.6
61	24.4	19.5	29.3





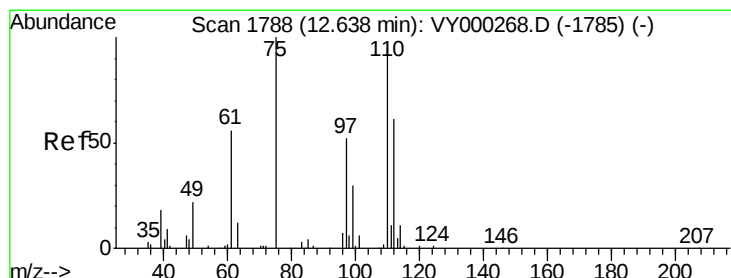
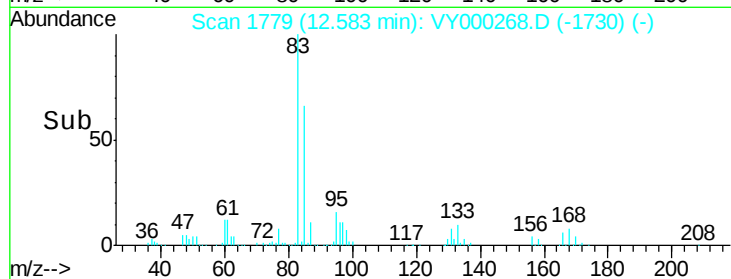
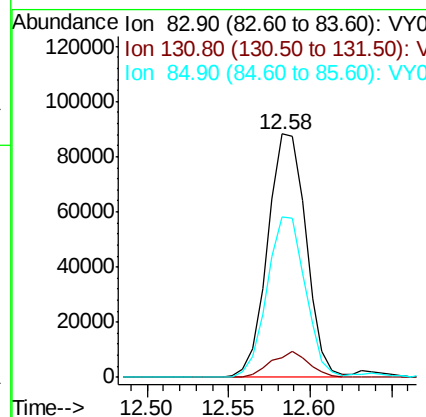
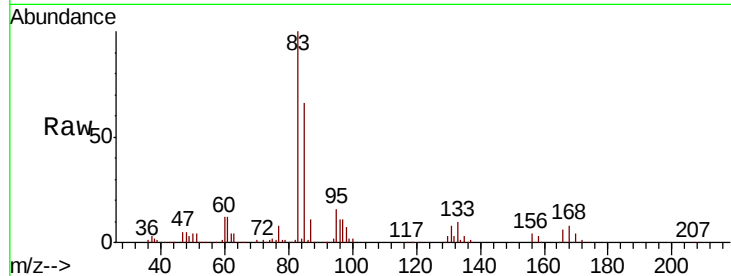
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.525 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.7	5.3	16.1	
85	65.8	32.9	98.7	

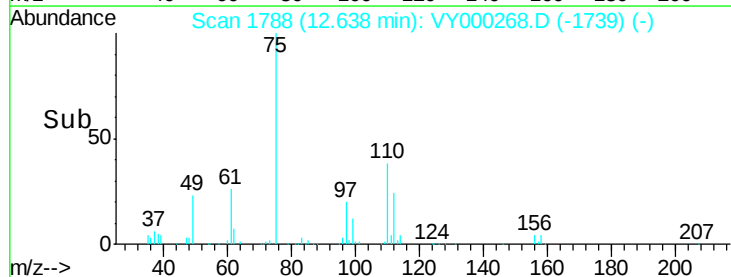
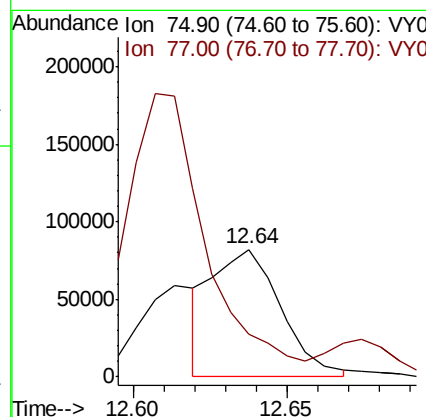
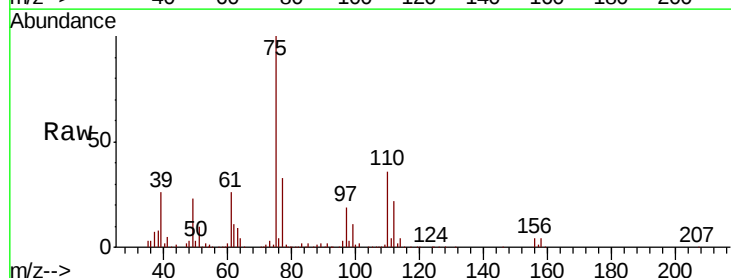
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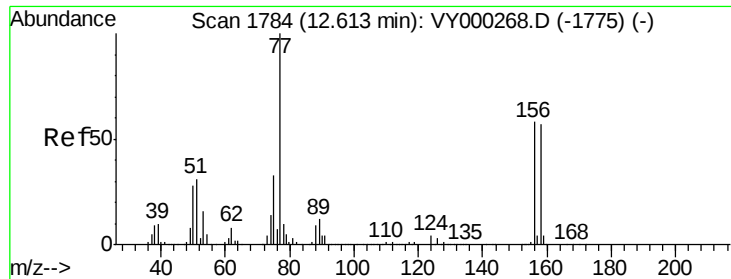
MMDadoda
 10/15/2019 12:33:45 PM



#76
 1,2,3-Trichloropropane
 Concen: 32.115 ug/l m
 RT: 12.64 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

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





#77

Bromobenzene

Concen: 48.324 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

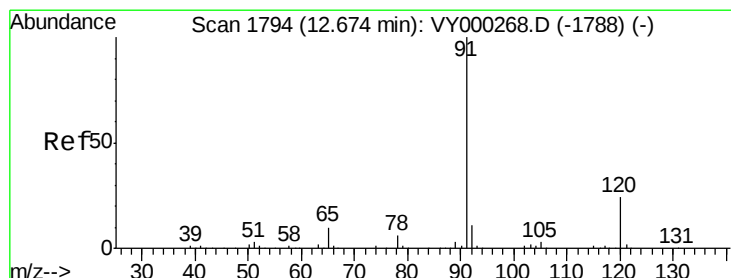
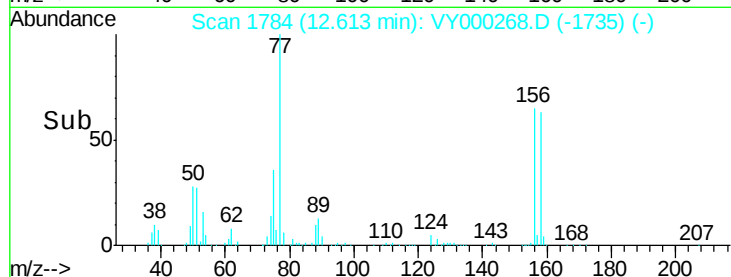
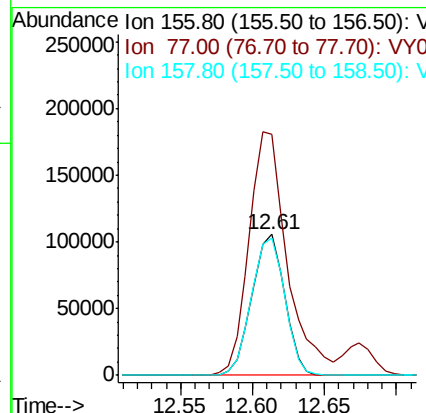
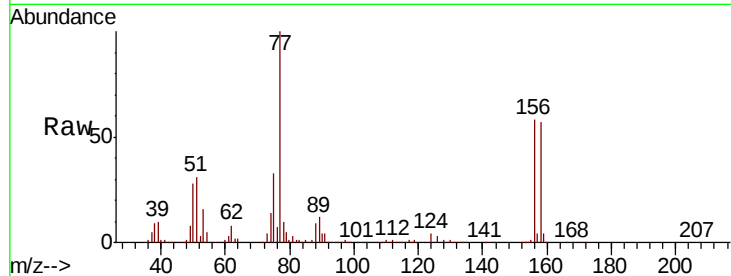
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	201.9	101.0	302.9	
158	99.4	49.7	149.1	

Manual Integrations
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#78

n-propylbenzene

Concen: 49.575 ug/l

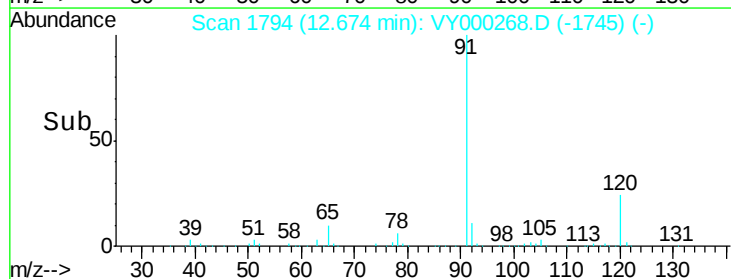
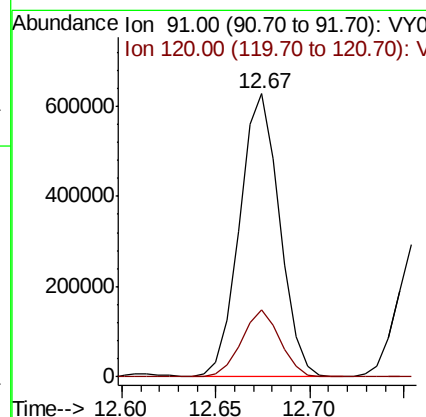
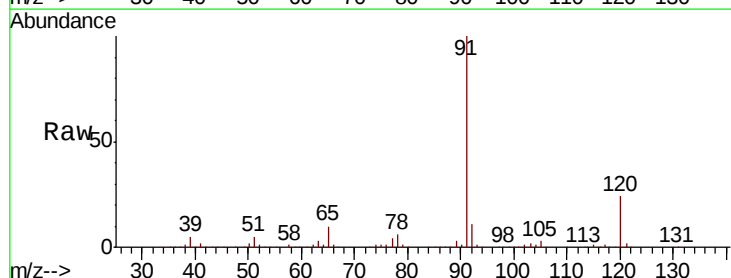
RT: 12.67 min Scan# 1794

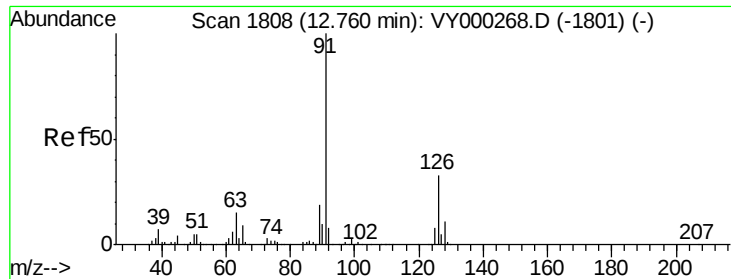
Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.5	34.5	





#79

2-Chlorotoluene

Concen: 49.602 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000268.D

Acq: 11 Oct 2019 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 507665

Ion Ratio Lower Upper

91 100

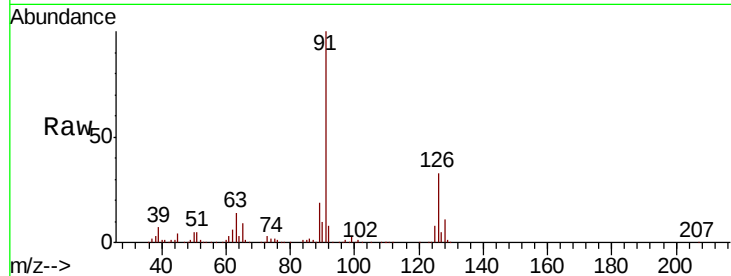
126 34.2 17.1 51.3

Manual Integrations

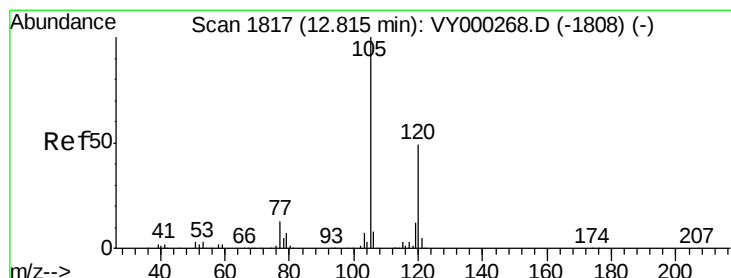
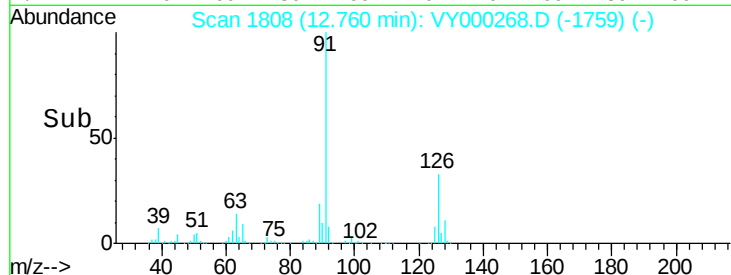
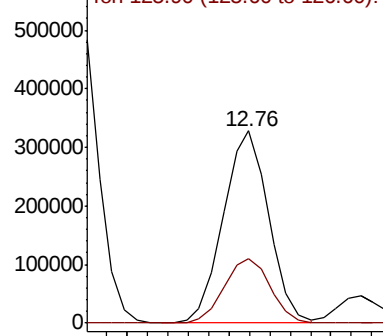
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Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.437 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000268.D

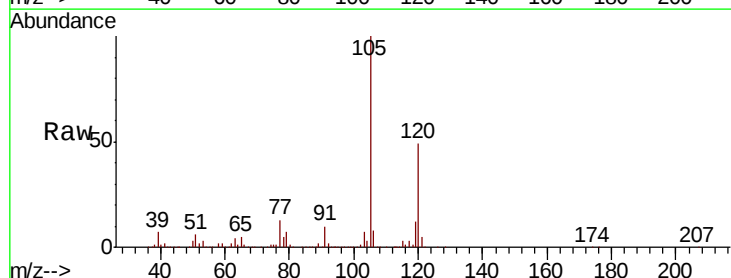
Acq: 11 Oct 2019 13:53

Tgt Ion: 105 Resp: 639858

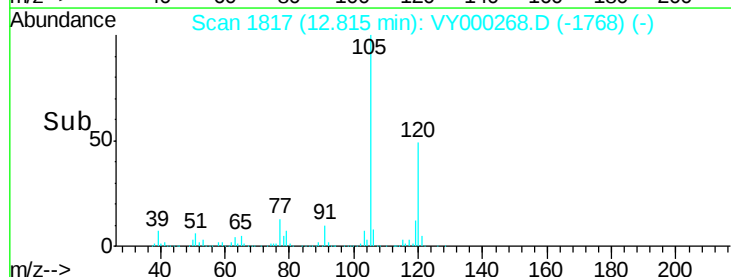
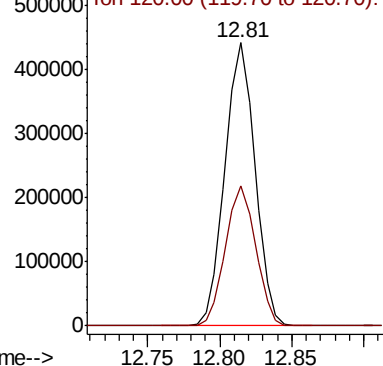
Ion Ratio Lower Upper

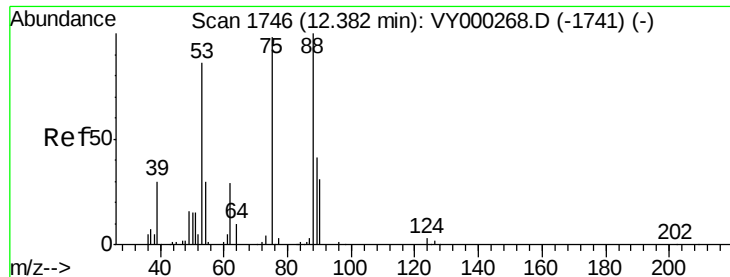
105 100

120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)





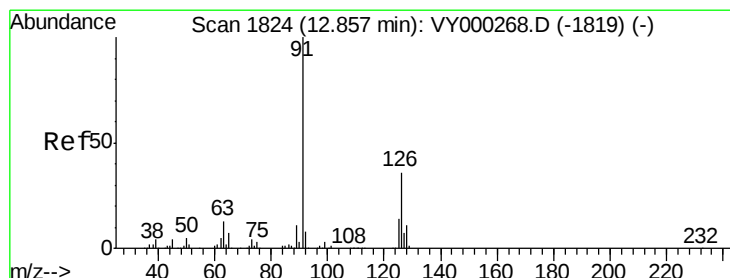
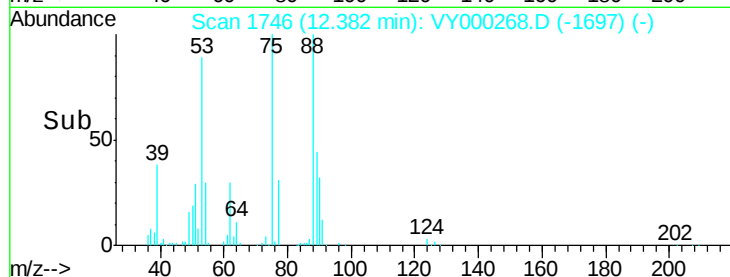
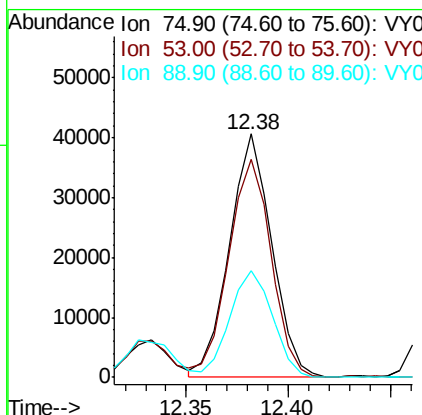
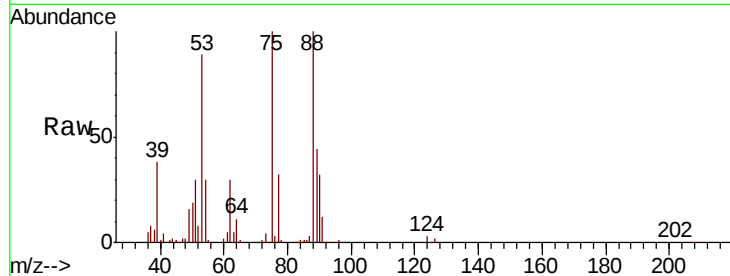
#81
trans-1,4-Dichloro-2-butene
Concen: 52.683 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	71.3	106.9
89	43.9	35.1	52.7

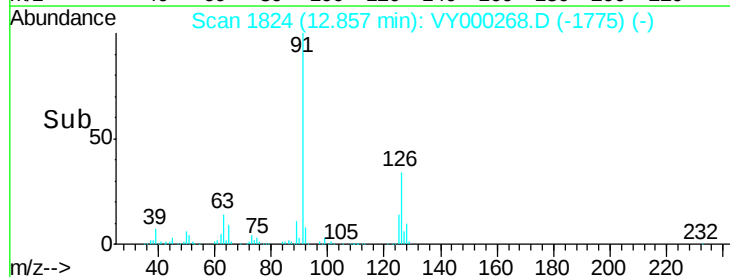
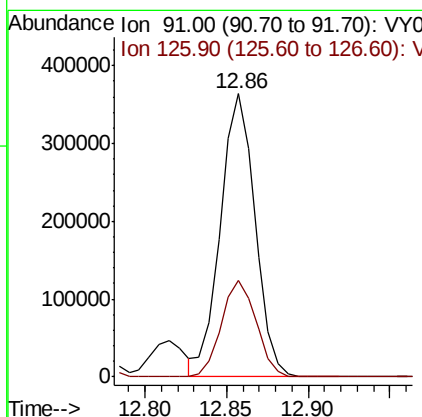
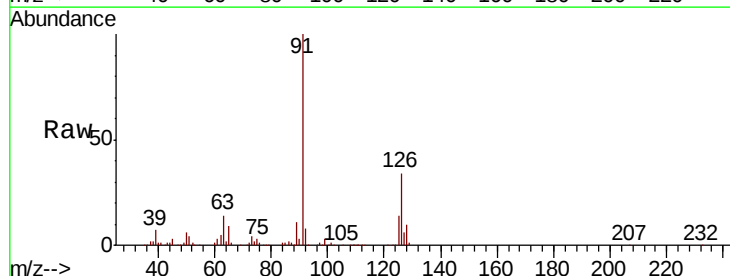
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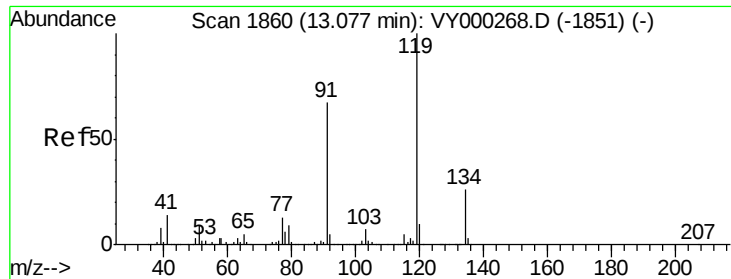
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.696 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.2	51.5





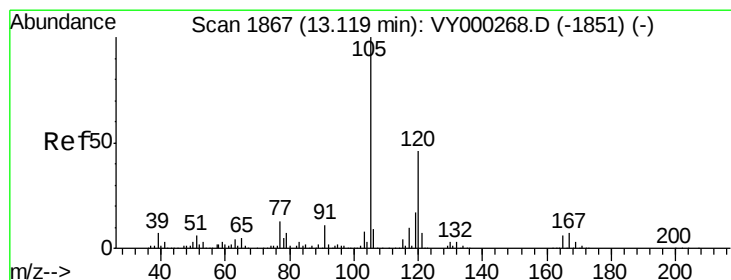
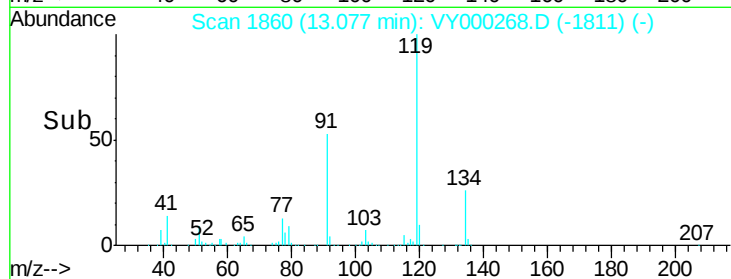
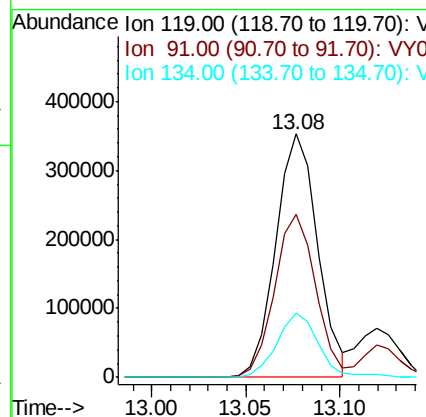
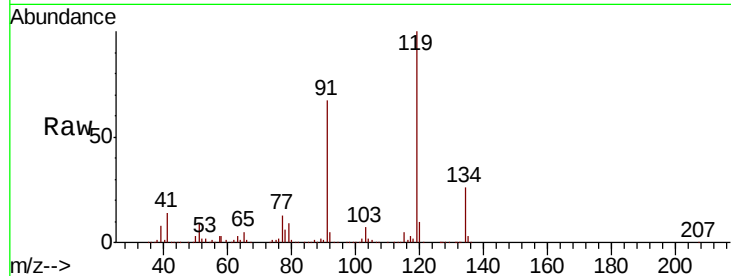
#83
tert-Butylbenzene
Concen: 49.489 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	542425		
91	65.8	32.9	98.7	
134	26.5	13.3	39.8	

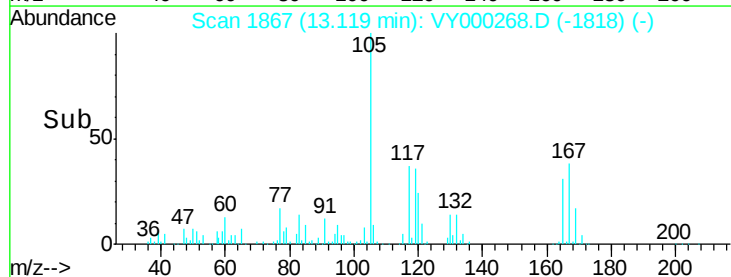
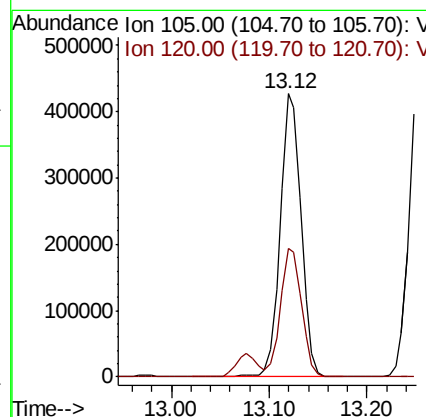
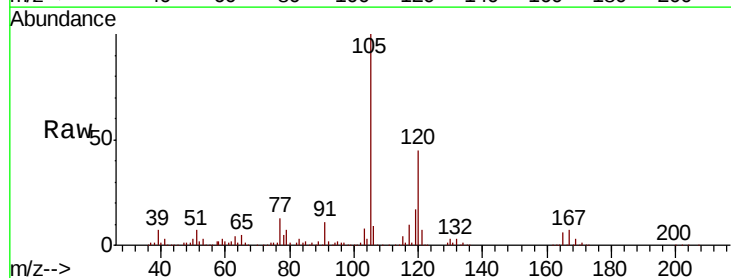
Manual Integrations
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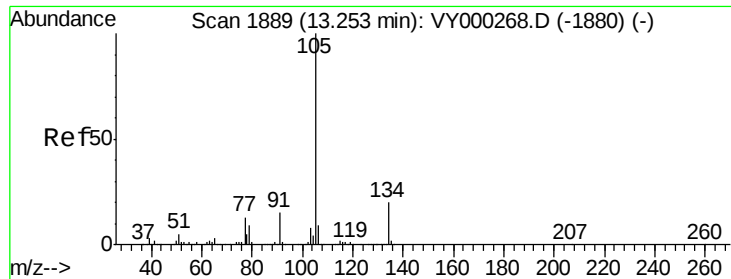
MMDadoda
10/15/2019 12:33:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 49.998 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	638671		
120	45.9	22.9	68.8	





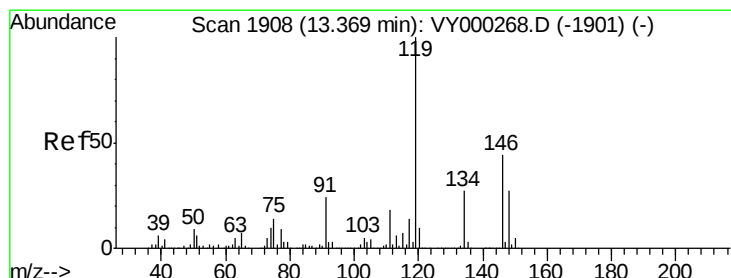
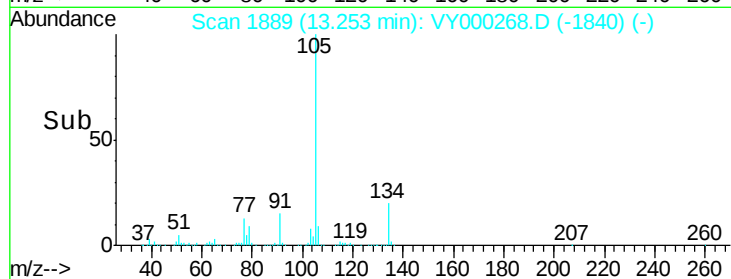
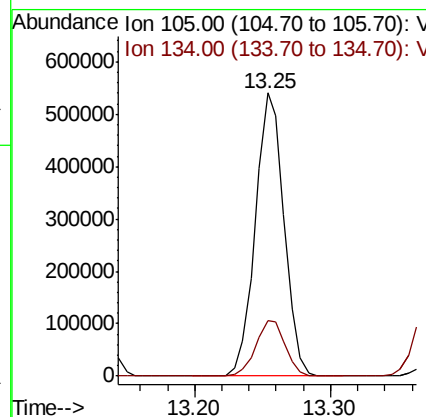
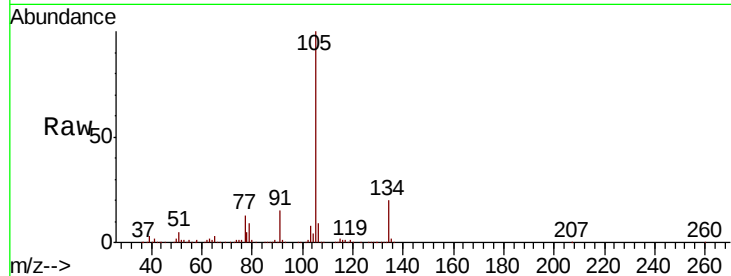
#85
 sec-Butylbenzene
 Concen: 50.450 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

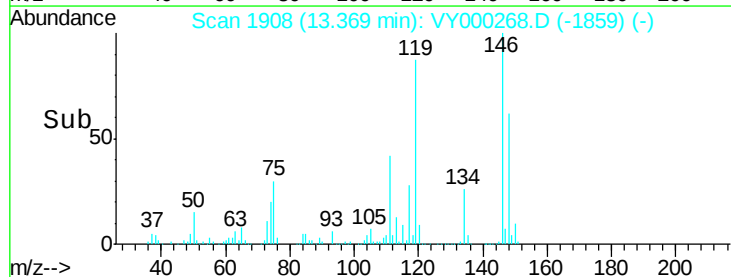
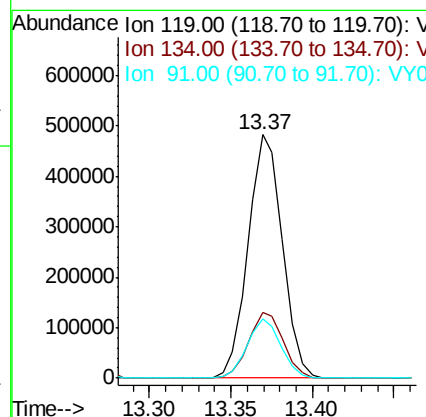
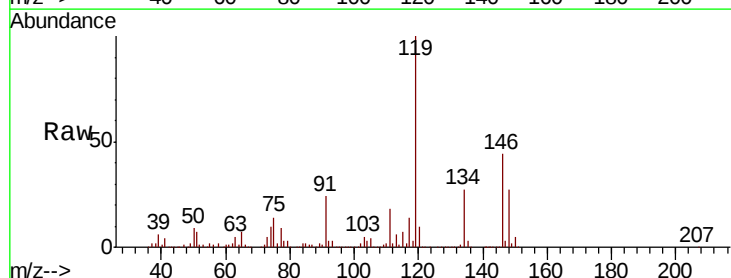
Manual Integrations
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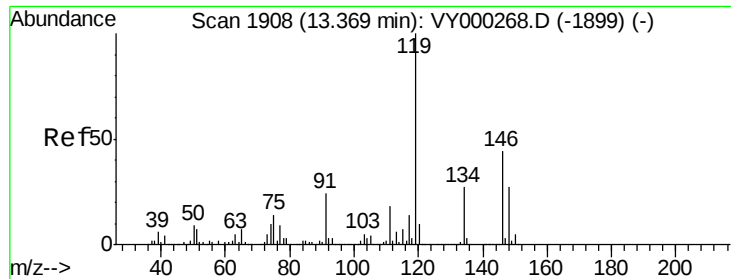
MMDadoda
 10/15/2019 12:33:45 PM



#86
 p-Isopropyltoluene
 Concen: 50.846 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.8
91	24.1	12.0	36.1





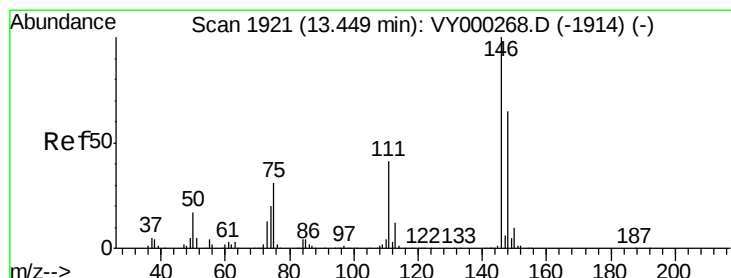
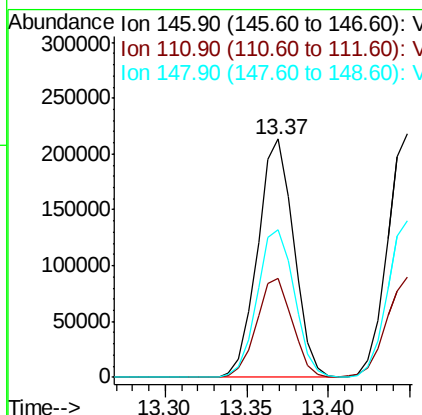
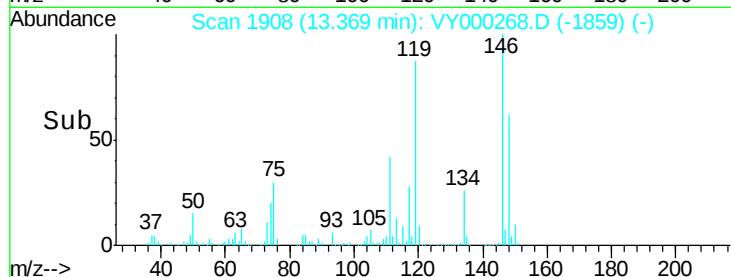
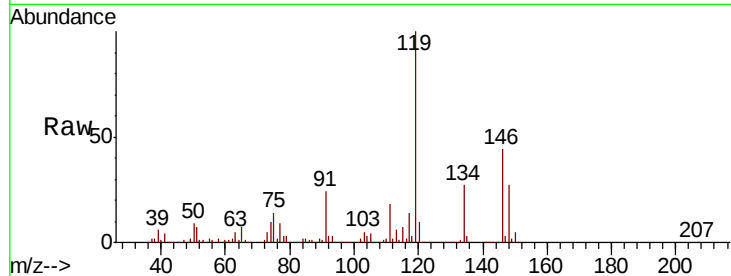
#87
 1,3-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	63.7	31.9	95.5

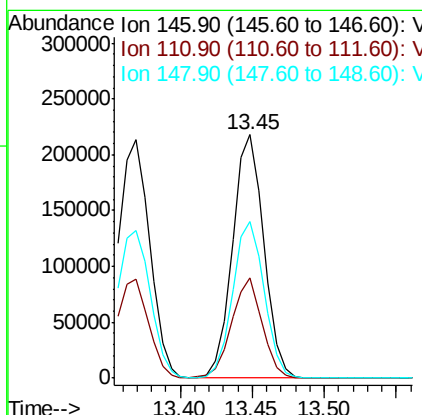
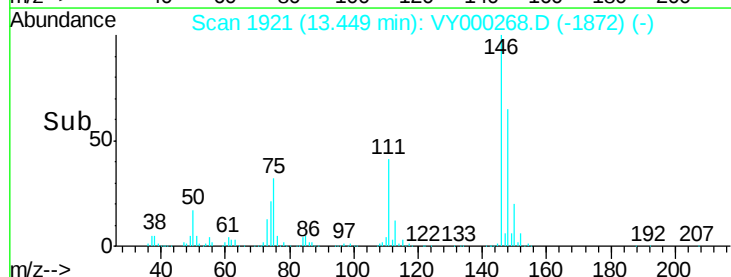
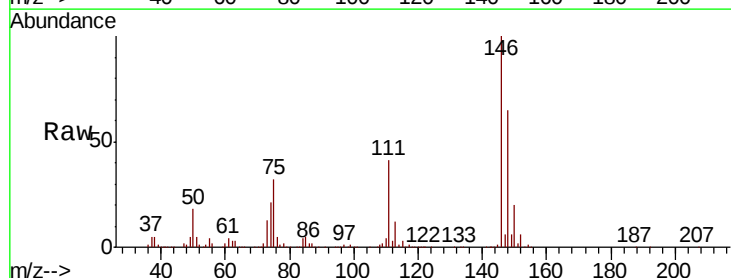
Manual Integrations
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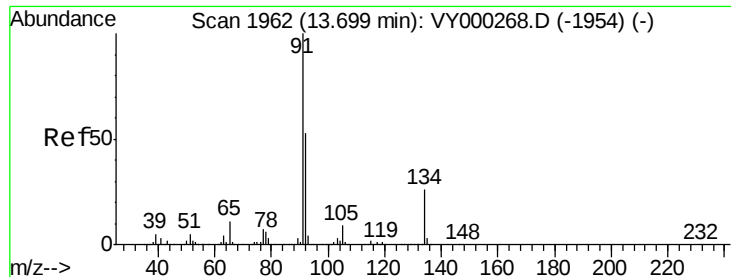
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 10/15/2019 12:33:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.872 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.8	32.4	97.2





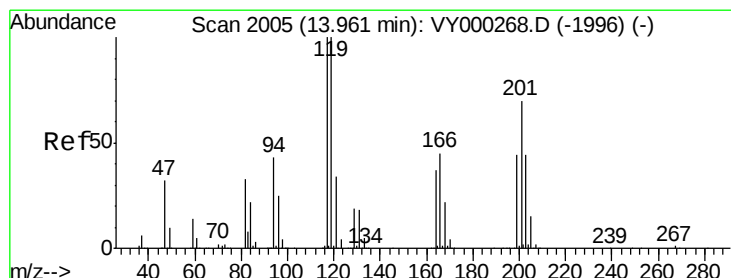
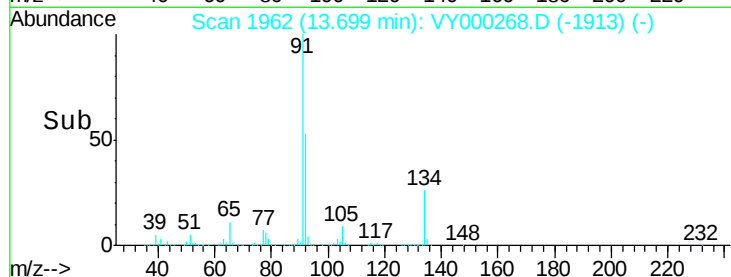
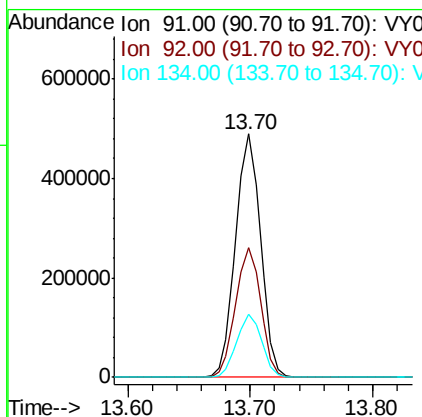
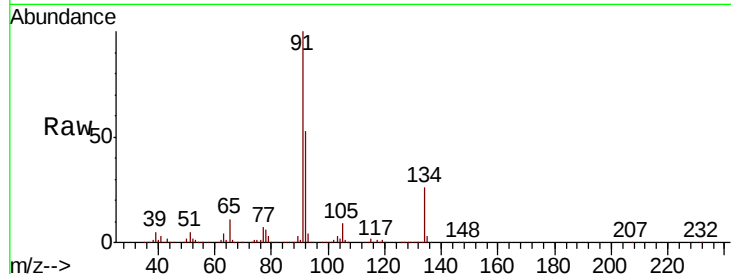
#89
n-Butylbenzene
Concen: 50.729 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	25.9	13.0	38.9

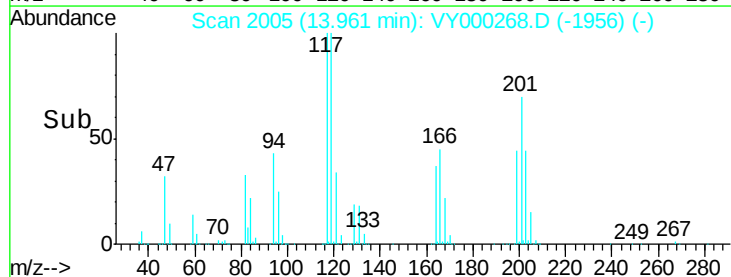
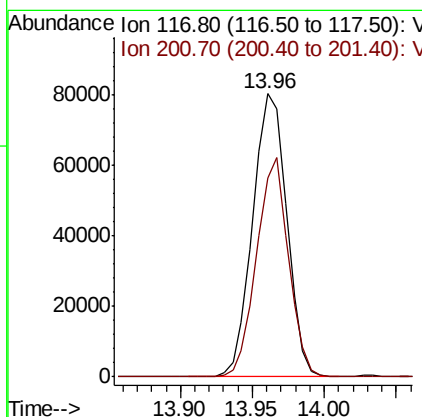
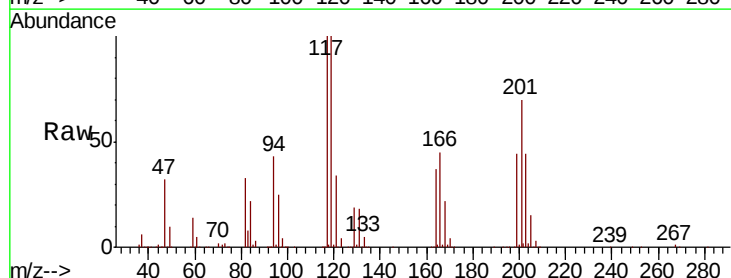
Manual Integrations
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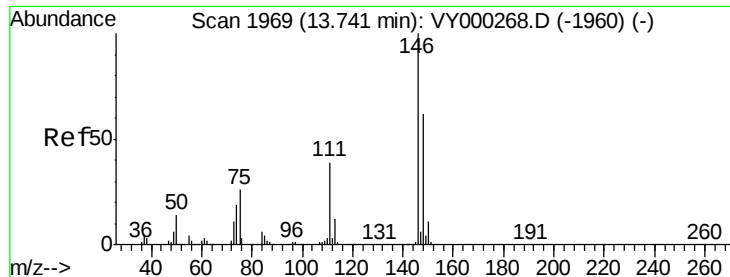
MMDadoda
10/15/2019 12:33:45 PM



#90
Hexachloroethane
Concen: 51.189 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.5	36.3	108.7





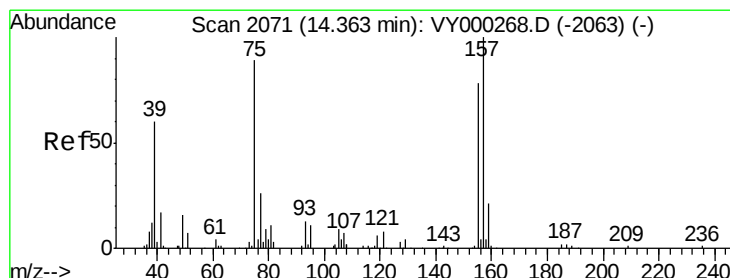
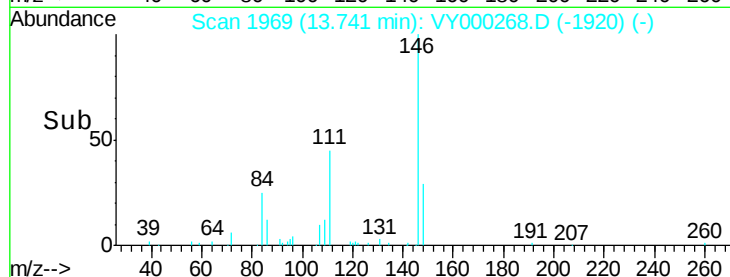
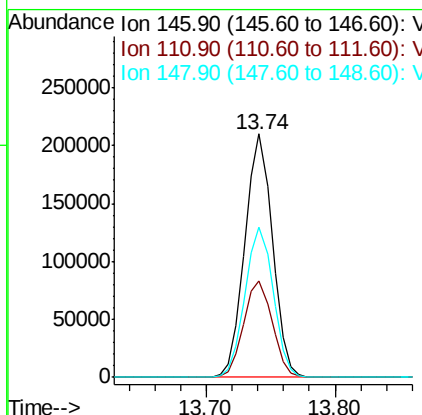
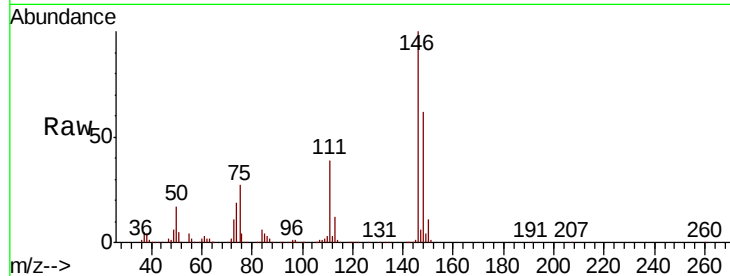
#91
 1,2-Dichlorobenzene
 Concen: 50.665 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.3	31.6	95.0

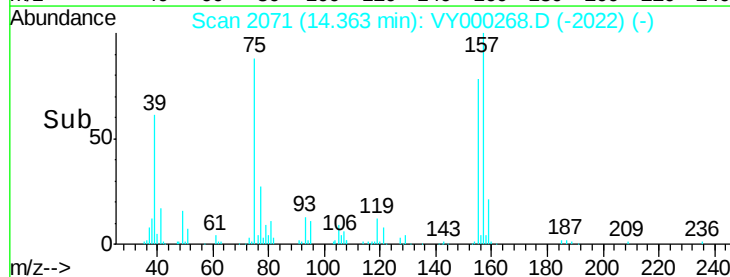
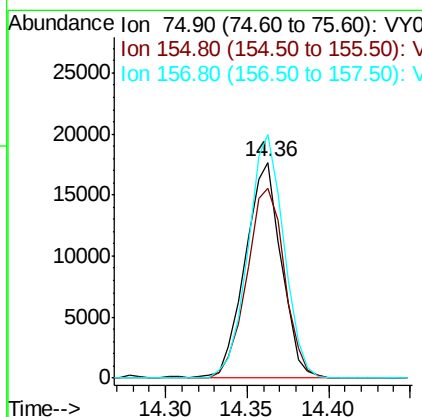
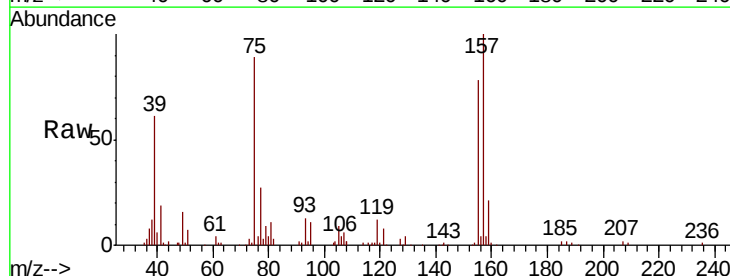
Manual Integrations
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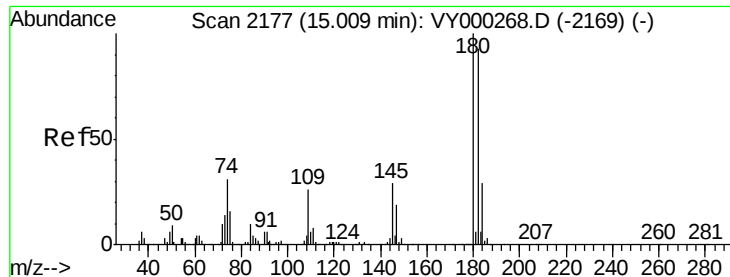
MMDadoda
 10/15/2019 12:33:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.726 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	45.8	137.3
157	111.3	55.6	166.9





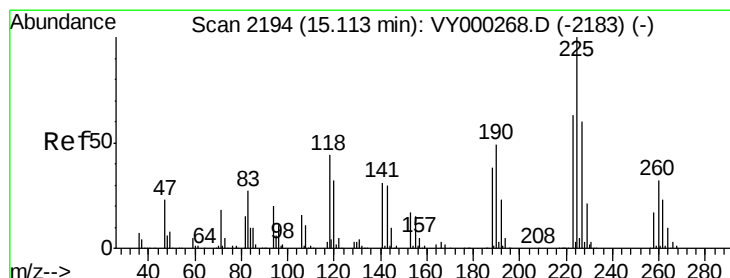
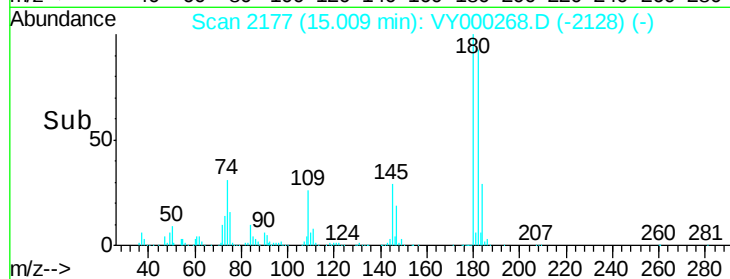
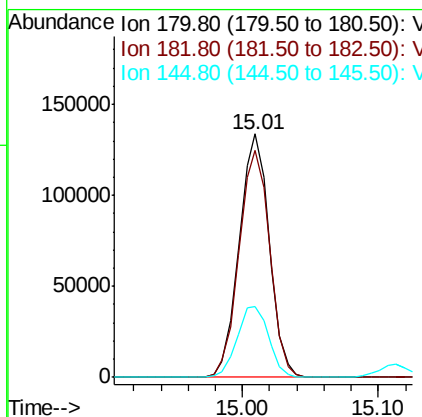
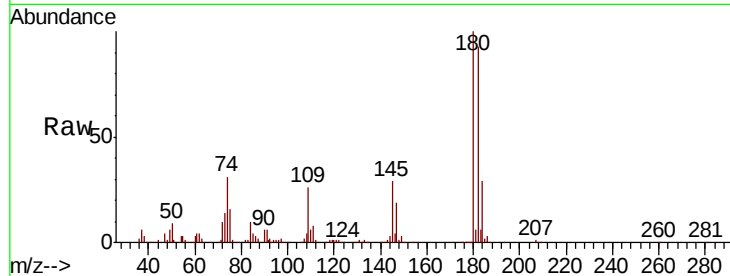
#93
 1,2,4-Trichlorobenzene
 Concen: 48.311 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205995		
182	95.1	47.5	142.6	
145	30.7	15.4	46.1	

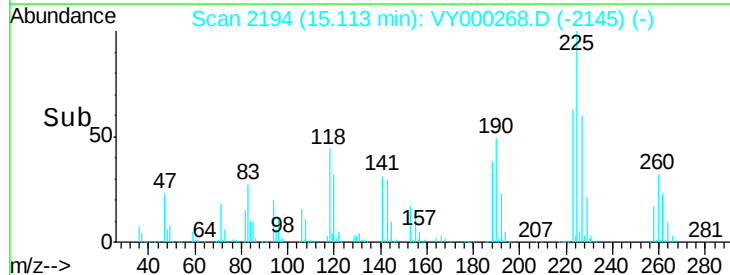
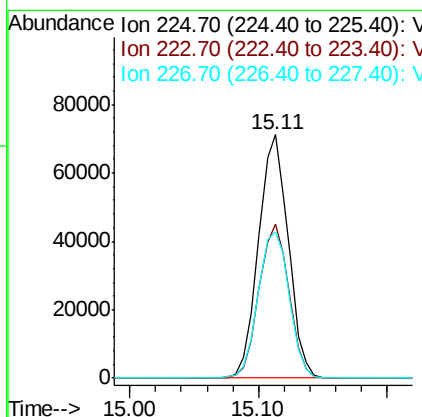
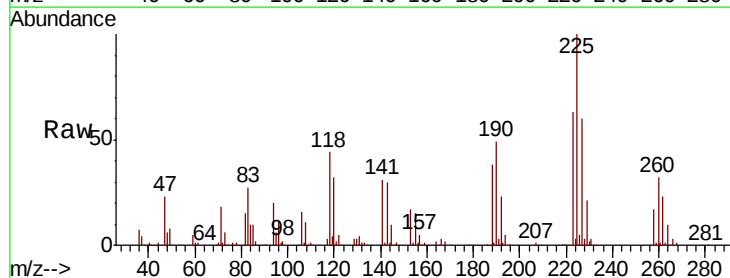
Manual Integrations
 APPROVED

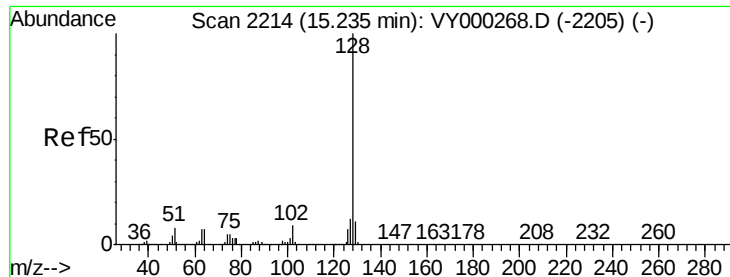
MMDadoda
 10/15/2019 12:33:45 PM



#94
 Hexachlorobutadiene
 Concen: 49.054 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000268.D
 Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113193		
223	63.8	31.9	95.7	
227	62.8	31.4	94.2	





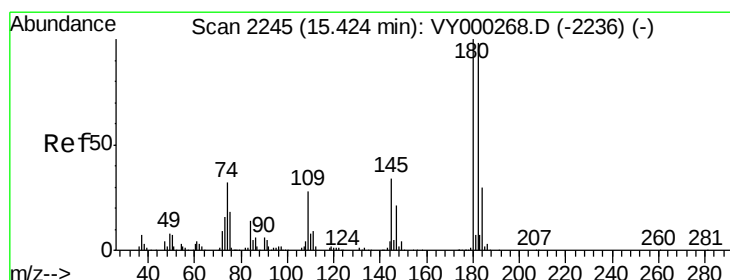
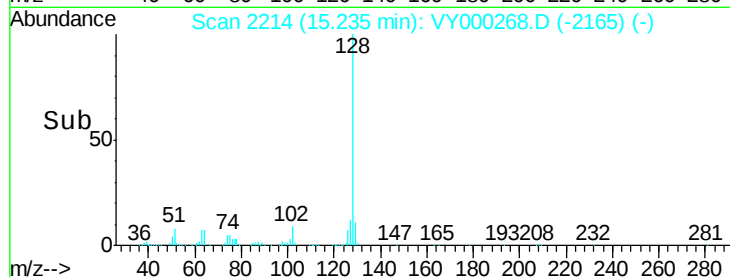
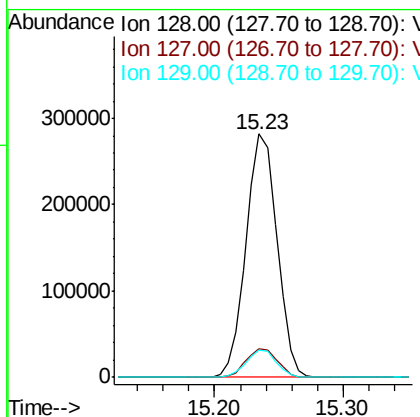
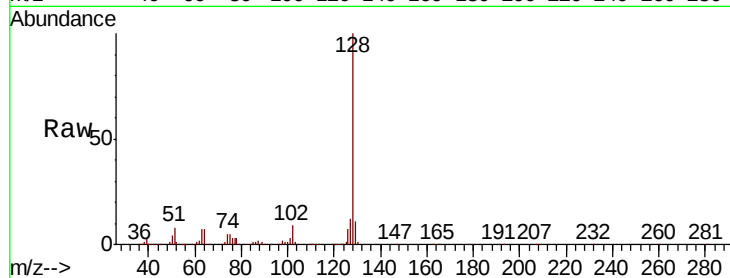
#95
Naphthalene
Concen: 49.217 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	468324		
127	12.0		9.6	14.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/15/2019 12:33:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.696 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000268.D
Acq: 11 Oct 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187133		
182	93.0		46.5	139.5
145	32.3		16.2	48.5

